U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

NHTSA

DOT HS 813 733

February 2026

Special Crash Investigations: On-Site Rollover Crash Investigation; Vehicle: 2018 Jeep Compass; Location: California; Crash Date: January 2022

This page intentionally left blank.

DISCLAIMER

This publication is distributed by the U.S. Department of Transportation, National Highway Traffic Safety Administration, in the interest of information exchange. The opinions, findings, and conclusions expressed in this publication are those of the authors and not necessarily those of the Department of Transportation or the National Highway Traffic Safety Administration. The United States Government assumes no liability for its contents or use thereof. If trade or manufacturers' names or products are mentioned, it is because they are considered essential to the object of the publication and should not be construed as an endorsement. The United States Government does not endorse products or manufacturers.

Suggested APA Format Citation:

Dynamic Science, Inc. (2026, February). *Special Crash Investigations: On-site rollover crash investigation; Vehicle: 2018 Jeep Compass; Location: California; Crash date: January 2022* (Report No. DOT HS 813 733). National Highway Traffic Safety Administration. https://doi.org/10.21949/jftx-6e98

This page intentionally left blank.

Technical Report Documentation Page

1. Report No.	2. Government Accession No.	3. Recipient's Catalog No.
DOT HS 813 733		

4. Title and Subtitle	5. Report Date
Special Crash Investigations: On-Site Rollover Crash Investigation; Vehicle: 2018 Jeep Compass; Location: California; Crash Date: January 2022	February 2026
	6. Performing Organization Code
7. Author	8. Performing Organization Report No.
Dynamic Science, Inc.	DS22009
9. Performing Organization Name and Address	10. Work Unit No. (TRAIS)
Dynamic Science, Inc. 26141 Marguerite Parkway, Suite C Mission Viejo, CA 92692	11. Contract or Grant No. 693JJ918C000012
12. Sponsoring Agency Name and Address	13. Type of Report and Period Covered
National Highway Traffic Safety Administration 1200 New Jersey Avenue SE Washington, DC 20590	Technical Report, January 2022
	14. Sponsoring Agency Code

15. Supplementary Notes

Each crash represents a unique sequence of events and generalized conclusions cannot be made concerning the crashworthiness performance of involved vehicles or their safety systems. This report and associated case data are based on information available to the Special Crash Investigation team on the date this report was published.

Digital Object Identifier: https://doi.org/10.21949/jftx-6e98

16. Abstract

This Special Crash Investigations report documents the on-site investigation of a two-vehicle crash and rollover of a stolen 2018 Jeep Compass in California in January 2022. The Jeep was driven by an unbelted 32-year-old male with a front-right seat passenger, an unbelted 25-year-old female. The other vehicle was a 2019 Lexus ES300H driven by a belted 61-year-old male with a front-right seat female passenger, age unknown. According to the police crash report, the pre-dawn crash occurred in clear weather when the Jeep failed to stop at a red light, entered the intersection, and was T-boned on the right side by the Lexus. The Jeep rotated clockwise, tripped left side leading, rolled four or five times, and landed in the west leg of the intersection on its roof. The Jeep driver fled the scene on foot but was later arrested by a separate police agency. The Jeep passenger had police-reported "A" (severe) injuries including skull and facial fractures. She was transported by ambulance to a local trauma center and her treatment status is unknown. The Lexus driver complained of lower back and knee pain. He was transported by ambulance to a local hospital but his treatment status is unknown.

17. Key Words	18. Distribution Statement
rollover, injury, stolen, Jeep Compass	Document is available to the public from the DOT, National Highway Traffic Safety Administration, National Center for Statistics and Analysis, https://crashstats.nhtsa.dot.gov.

19 Security Classif. (of this report)	20. Security Classif. (of this page)	21 No. of Pages	22. Price
Unclassified	Unclassified	170	

Form DOT F 1700.7 (8-72) **Reproduction of completed page authorized**

This page intentionally left blank.

Table of Contents

This page intentionally left blank.

Special Crash Investigations
On-Site Rollover Crash Investigation
Case No. DS22009
Vehicle: 2018 Jeep Compass
Location: California
Crash Date: January 2022

Background

This report documents the on-site investigation of a two-vehicle crash and rollover selected by the Special Crash Investigations (SCI) group of the National Highway Traffic Safety Administration via the Police Accident Report Sampling Engine. SCI forwarded the police crash report (PCR) to the team in April 2022 and requested photos of the vehicle, a 2018 Jeep Compass (Figures 1-2). The team submitted photos in April 2022 and the case was assigned. Permission to conduct the vehicle inspection was obtained in April 2022 and the vehicle inspection was completed during the same week. The Jeep had an occupant restraint controller (ORC) with event data recorder (EDR) capability supported by the Bosch crash data retrieval system and the crash data was imaged during the inspection. The crash data report is included in the Appendix to this report.

Figure 1. 2018 Jeep Compass, right plane and rollover damage

Figure 2. 2018 Jeep Compass, rollover damage

The crash occurred at 5:10 a.m. in January 2022. Conditions were dark with streetlight illumination and clear. The crash site was a four-leg signal-controlled intersection of two urban roadways with posted speed limits of 64 km/h (40 mph). The Jeep was reported by the PCR as being stolen and was driven by an unbelted 32-year-old male. The front-right seat passenger was an unbelted 25-year-old female. The Jeep was traveling westbound. The other vehicle was a 2019 Lexus ES300H driven by a belted 61-year-old male with a front-right seat passenger, a belted female, age unknown. The Lexus was traveling southbound. According to the PCR, the Jeep failed to stop at the red light, entered the intersection, and was struck on the right by the front of the Lexus. The Jeep rotated clockwise, tripped left side leading, rolled approximately 18 quarter-turns, and landed upside down in the west leg approximately 102 m (335 ft) west of the initial impact. The driver of the Jeep fled the scene on foot but was later taken into custody by a police agency in a separate jurisdiction. The Jeep's 25-year-old female passenger had police-reported "A" (severe) injuries that included skull and facial fractures, wrist fracture, and contusions and abrasions. She was transported by ambulance to a local trauma center, where her treatment status is unknown. The Lexus driver complained of lower back and knee pain. He was

transported by ambulance to a local hospital, where his treatments status is unknown. The front passenger did not report any injuries. Both vehicles were towed from the scene and declared to be total losses.

Summary

Crash Site

The crash site was a four-leg signal-controlled intersection of two urban roadways. The westbound roadway was asphalt and was straight and level (Figure 3). It had a bike lane, two westbound through lanes, painted chevron-shaped traffic separator, left turn lane, and three eastbound through lanes. The southbound roadway was asphalt and was straight and level (Figure 4). It had four southbound through lanes, left turn lane, raised median, and three northbound through lanes. The posted speed limit for both was 64 km/h (40 mph). Conditions at the time were clear and dark with streetlights. The weather at the nearest reporting site was 5ºC (41ºF), 60 percent humidity, and winds out of the north at 5 km/h (3 mph). A crash diagram is included at the end of this report.

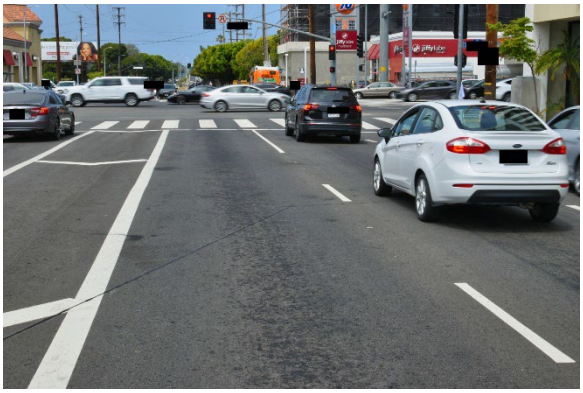


Figure 3. Westbound approach

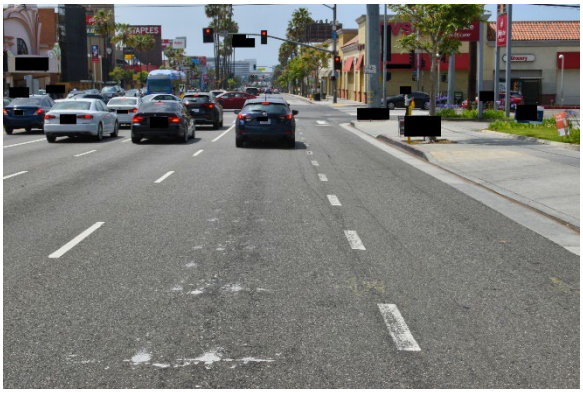


Figure 4. Southbound approach

Pre-Crash

The Jeep was traveling westbound in the second lane from the right approaching the intersection at an EDR-reported speed of 93 km/h (58 mph) 5 seconds prior to impact. The Jeep's pre-crash speeds and distances covered are shown in the table above.

Time	Vehicle Speed		Distance Traveled			
			Incremental		Cumulative	
-sec	km/h	mph	m	ft	m	ft
5	93	58	NA	NA	NA	NA
4.5	97	60	13.2	43.3	13.2	43.3
4	100	62	13.6	44.7	26.8	88
3.5	103	64	14.1	46.2	40.9	134.2
3	106	66	14.5	47.7	55.4	181.9
2.5	108	67	14.9	48.8	70.3	230.7
2	111	69	15.2	49.9	85.5	280.6
1.5	114	71	15.6	51.3	101.2	331.9
1	114	71	15.9	52.1	117	384
0.5	103	64	15.1	49.5	132.1	433.5
0.1	79	49	10.1	33.1	142.2	466.6

The Jeep was driven by an unbelted 32-year-old male. The front-right seat passenger was an unbelted 25-year-old female. The other vehicle was a 2019 Lexus ES300H driven by a belted 61-year-old male who had front-right belted female, age unknown. The Lexus was traveling southbound in the second lane from the right.

According to the Jeep's EDR report (2nd Prior Event), the accelerator pedal position remained between 100 to 68 percent until 0.8 seconds prior to impact. Significant steering input began 1.6 second before impact with a yaw rate of -82.64 deg/sec (clockwise) at 0.9 seconds. The service brake status remained off throughout the 5 seconds of the report.

According to the PCR, the Jeep failed to stop at the red light.

Crash

The Jeep entered the intersection and was struck on the right plane by the front plane of the Lexus (Event 1). The Missing Vehicle algorithm of the WinSMASH program calculated a total delta V of 5 km/h (3 mph) for the Jeep. The longitudinal and lateral components were -5 km/h (-3 mph) and -3 km/h (-2 mph). The program calculated a total delta V of 5 km/h (3 mph) for the Lexus. The longitudinal and lateral components were -3 km/h (-2 mph) and 4 km/h (3 mph). The EDR reported this impact as a deployment level event (2nd Prior Event). The longitudinal delta V was -1 km/h (-1 mph). It is unclear if there was a previous overwritten event. This is discussed in the EDR section.

The Lexus was displaced to the right and came to rest in the intersection. The Jeep yawed clockwise, crossed the intersection, and began a left-side-leading rollover (Event 2). The Jeep rolled four or five complete rolls in a straight path while traveling approximately 102 m (335 ft) and came to rest on its roof facing north in the west leg of the intersection (Figure 5).

Figure 5. Final rest, 2018 Jeep Compass, looking west (police photo)

Post-Crash

The driver of the Jeep fled the scene on foot but was later taken into custody by a police agency in a separate jurisdiction. The PCR said the Jeep was a stolen vehicle. The Jeep driver is involved in an on-going stolen vehicle investigation with the separate police agency. The Jeep's 25-year-old female passenger had police-reported "A" (severe) injuries that included a skull and facial fractures, wrist fracture, and abrasions. She was transported by ambulance to a local trauma center. Her treatment status is unknown. The Lexus driver complained of lower back and knee pain. He was transported by ambulance to a local hospital, where his treatment is unknown. The Lexus passenger did not report any injuries. Both vehicles were towed from the scene and declared to be total losses.

This page intentionally left blank.

2018 Jeep Compass

Vehicle Description

The 2018 Jeep Compass was identified by the VIN 3C4NJDCB0JTxxxxxx. The manufacture date was July 2018. The Jeep was a four-door compact SUV with two rows of seating for five passengers. It had Jeep Active 4-wheel drive, 4-wheel disc brakes with ABS, a 4-cylinder, 2.4-liter gasoline engine, and a 9-speed automatic transmission. The vehicle manufacturer recommended P225/55R18 tires with a tire pressure of 241 kPa (35 psi). The Jeep had Continental ProContact tires of the recommended size.

The vehicle had several safety systems that included blind spot monitoring intended to provide visual alerts for side detected objects and rear cross path intended to aid the driver when backing.

The vehicle had front row bucket seats with adjustable head restraints adjusted 6 cm (2.3 in) above the seat back. The driver's seat track was set between the middle and rear most track position. The front-right seat was set to the middle track position. The steering column had tilt and telescoping functionality adjusted to the full-down and full-forward position.

Exterior Damage

The Jeep had right plane damage from the impact with the front plane of the Lexus (Figure 6). The direct damage began 63 cm (24.8 in) aft of the right rear axle and extended 203 cm (79.9 in) forward. Twenty-two measurements were taken at the lower door level using the Nikon total station and the AutoCrush program calculated 6 crush measurements as follows: C1 = 0 cm, C2 = 0 cm, C3 = 0 cm, C4 = 2 cm (0.8 in), C5 = 1 cm (0.4 in), C6 = 0 cm. The maximum crush was located 57 cm (22.4 in) forward of the right rear axle and collision deformation classification (CDC) was 01RZEW1.

Figure 6. Jeep Compass, right plane damage

The vehicle had rollover damage to the right, left and top planes (Figure 7). The top damage extended from roof side rail to roof side rail and measured 119 cm (46.8 in). The top damage included the hood and the entire roof. There was multi-directional rollover/abrading damage to the top and left planes with five distinct scratch patterns (Figure 8). Both exterior mirrors were displaced from the vehicle. There were abrading contacts to all four wheel rims. The maximum vertical crush was located at the right windshield header zone and measured 11 cm (4.3 in). The maximum lateral crush was located at the right roof rail and measured 10 cm (3.9 in). The CDC for the rollover was 00TDDO3.

Figure 7. 2018 Jeep Compass, roof damage

Figure 8. 2018 Jeep Compass, scratch patterns

Rollover Discussion

According to online data, NHTSA's 5-star safety rating gave the 2018 Jeep Compass a 3-star rollover rating (20.6%), based on a rollover resistance test measuring the risk of rollover in a single-vehicle, loss-of-control scenario. According to data obtained online[1], the vehicle had a calculated rollover stability rating of 1.15%. The Jeep began a clockwise rotation after the impact with the Lexus. The vehicle tripped and, according to police measurements, contacted the ground 21 m (69 ft) west of the initial impact. The vehicle continued for an additional 83 m (275 ft) while it rolled four or five complete rolls in a straight path (approximately 18 to 22 quarter-turns). The number of rolls was estimated based on the rollover/abrading damage to the top and left plane that was multi-directional with five distinct scratch patterns. Jones and Wilson (2000)[2] said that the number of rolls increases linearly with rollover distance with the roll-distance-per-roll approximately constant and ranges between 48 to 57 feet per roll. Based on this data the number of complete rolls would be four or five. The Jeep came to rest on its roof (Figure 9).

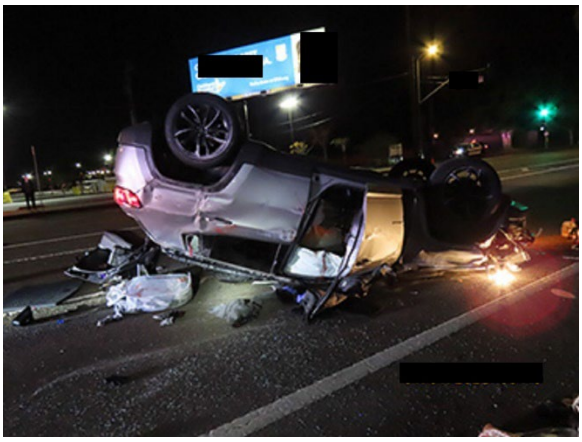


Figure 9. Final rest (police photo)

[1] 4N6XPRT Systems Experts Autostats Lite Specs database for 2018 Jeep Compass AWD.

[2] Jones, I., & Wilson, L. (2000, March 6-9). Techniques for the reconstruction of rollover accidents involving sport utility vehicles, light trucks and minivans, (SAE Technical Paper 2000-01-0851). SAE World Congress 2000, Detroit, MI.

The vehicle had inflatable curtain (IC) air bags that deployed during the vehicle-to-vehicle impact but may have remained inflated during the rollover sequence.

The unbelted driver and passenger were likely displaced from their positions during the rollover but their movement and kinematics are unknown. They were not ejected during the crash. The driver exited the vehicle under his own power and fled from the scene on foot. The female passenger of the Jeep had serious injuries and was extricated by emergency services.

Event Data Recorder

The EDR was imaged during the vehicle inspection via the direct to module method using the Bosch CDR 900 tool with software version 21.5 and was reported with version 21.5.1. The Jeep had an ORC with EDR capacity to store up to three events. The EDR said there were four events that occurred with three being recorded.

2nd Prior Event. This was a deployment-level event that was associated with the right plane impact with the front plane of the Lexus. The report said the time from the previous event was 0.1 seconds. Both IC and seat-mounted side-impact air bags deployed, presumably from this impact. The front row seat belt retractor pretensioners actuated. The report said that both front-row seat belts were buckled; however, during the SCI vehicle inspection, it was noted that they were both buckled but routed behind their seat backs and locked in place by the pretensioners. There was no pre-impact braking but there was counterclockwise steering and a clockwise increase in the yaw rate before impact.

1st Prior Event. This was a non-deployment event that appears to be related to the rollover event. The report said the time from the previous event was 0.1 seconds. The pre-crash data from -5.0 to -3.4 seconds was either unavailable or inconsistent. According to the data limitations, the vehicle speed showed the average of the wheel speeds of the drive wheels. The front wheel speeds seem to indicate wheel spin and the rear wheel speeds appear to be under load and were almost stopped. The steering input prior to time 0 was in the clockwise direction.

Most Recent Event. This non-deployment event occurred greater than 5 seconds after the previous event. There were no air bag deployments or seat belt pretensioner actuations. The maximum lateral delta V was 10 km/h (6.2 mph). The maximum longitudinal delta V was 0 km/h (0 mph).

Interior Damage

The Jeep had interior damage caused by impact forces, air bag deployments, and intrusion. The left rear door was jammed shut. The windshield was fractured and holed. The sunroof, front-row left and right side windows and backlight glazing were disintegrated. The side windows were not laminated. Both IC air bags and both front-row outboard seat-mounted side-impact air bags deployed and the front row seat belt retractors actuated. Vertical intrusion was documented at the right roof in the right-seat position (3 cm [1.1 in]). There were scuffs and blood splatter evidence distributed throughout the front row.

Manual Restraint Systems

The Jeep had lap and shoulder seat belts for all seat positions. The driver's and front passenger's seat belt retractor pretensioners actuated during Event 1. As reported earlier, the EDR report said that both front row seat belts were buckled; however, during the SCI vehicle inspection, it was noted that they were both buckled but routed behind their respective seat backs (Figure 10).

Supplemental Restraints System

The Jeep's supplemental restraint systems included driver's and passenger's frontal air bags, driver and passenger knee air bags, front and second row outboard seat-mounted side-impact air bags, and front and second row IC air bags. The seat-mounted and IC air bags deployed during the vehicle-to-vehicle impact. The remaining air bags did not deploy. The IC air bags were cut during extrication efforts. The driver's and front passenger's seat belt retractor pretensioners actuated in Event 1, locking them in the unused/stored position behind the front row seat backs.

Figure 10. 2018 Jeep Compass, driver's seat belt position

NHTSA Recalls and Investigations

Based on VIN based searches in July 2022 and May 2025, there were no unrepaired recalls associated with this vehicle.

2018 Jeep Compass Passengers

Driver Demographics

Age/sex:	32 years/male
Height:	178 cm (60 in)
Weight:	77 kg (170 lbs)
Eyewear:	Unknown
Seat type:	Bucket with adjustable head restraint
Seat track position:	Between middle and rear most
Manual restraint usage:	Lap and shoulder belt not used
Usage source:	Vehicle inspection
Air bags:	Frontal, knee, IC, and seat-mounted available; IC and seat-mounted deployed
Alcohol/drug data:	Unknown
Egress from vehicle:	Exited under own power
Transport from scene:	Not transported. Fled on foot.
Type of medical treatment:	Unknown

Driver Injuries

The Jeep driver left the scene on foot but was later taken into custody. His injury status is unknown.

Driver Kinematics

The 32-year-old male driver was unbelted. He steered the vehicle first to the left prior to the impact. During the minor impact to the right plane from the Lexus he was likely displaced slightly to the right. He steered to the right after initial impact. The vehicle began a clockwise rotation and he was displaced to the left. As the vehicle tripped and began rolling he was displaced in several directions. The deployed IC air bags may have played a role in keeping him in the vehicle.

Front-Right Passenger Demographics

Age/sex:	25 years/female
Height:	Unknown
Weight:	Unknown
Eyewear:	Unknown
Seat type:	Bucket with adjustable head restraint
Seat track position:	Middle
Manual restraint usage:	Lap and shoulder belt not used
Usage source:	Vehicle inspection
Air bags:	Frontal, knee, IC, and outboard seat-mounted available; IC and seat-mounted deployed
Egress from vehicle:	Extricated by EMS
Transport from scene:	Ambulance
Type of medical treatment:	Transport to hospital, treatment unknown

Front-Right Passenger Injuries

Injury No.	Injury	Injury Severity AIS 2015	Involved Physical Component (IPC)	IPC Confidence Level
1	Skull fracture	150000.2	Roof	Possible
2	Facial fractures	250400.1	Roof	Possible
3	Left wrist fracture	751900.2	Driver seat back	Possible
4	Abrasion, left hip	810099.1	Driver seat back	Possible
5	Abrasion, left shoulder	710202.1	Driver seat back	Possible

Source: police crash report

Front-Right Passenger Kinematics

The 25-year-old female front-right passenger was unbelted. The driver steered the vehicle first to the left prior to the impact. During the minor impact to the right plane from the Lexus she was likely displaced slightly to the right. The driver steered to the right after initial impact. The vehicle began a clockwise rotation and she was displaced to the left. As the vehicle tripped and began rolling she would have been displaced in several directions. The deployed IC air bags may have played a role in keeping her in the vehicle.

2019 Lexus ES300H

Vehicle Description

The 2019 Lexus ES300H 4-door sedan was identified by the VIN JTHB21B10K2xxxxxx. The Lexus was a hybrid-electric vehicle with a 2.5-liter, gasoline engine, automatic transmission, and front-wheel drive. It had seating for five.

Exterior Damage

The Lexus had moderate front plane damage (Figures 11-12) from the impact to the Jeep's right plane. The direct damage extended from bumper corner to bumper corner. The estimated CDC was 10FDEW1.

Figure 11. 2019 Lexus ES300H, front left view (insurance image)

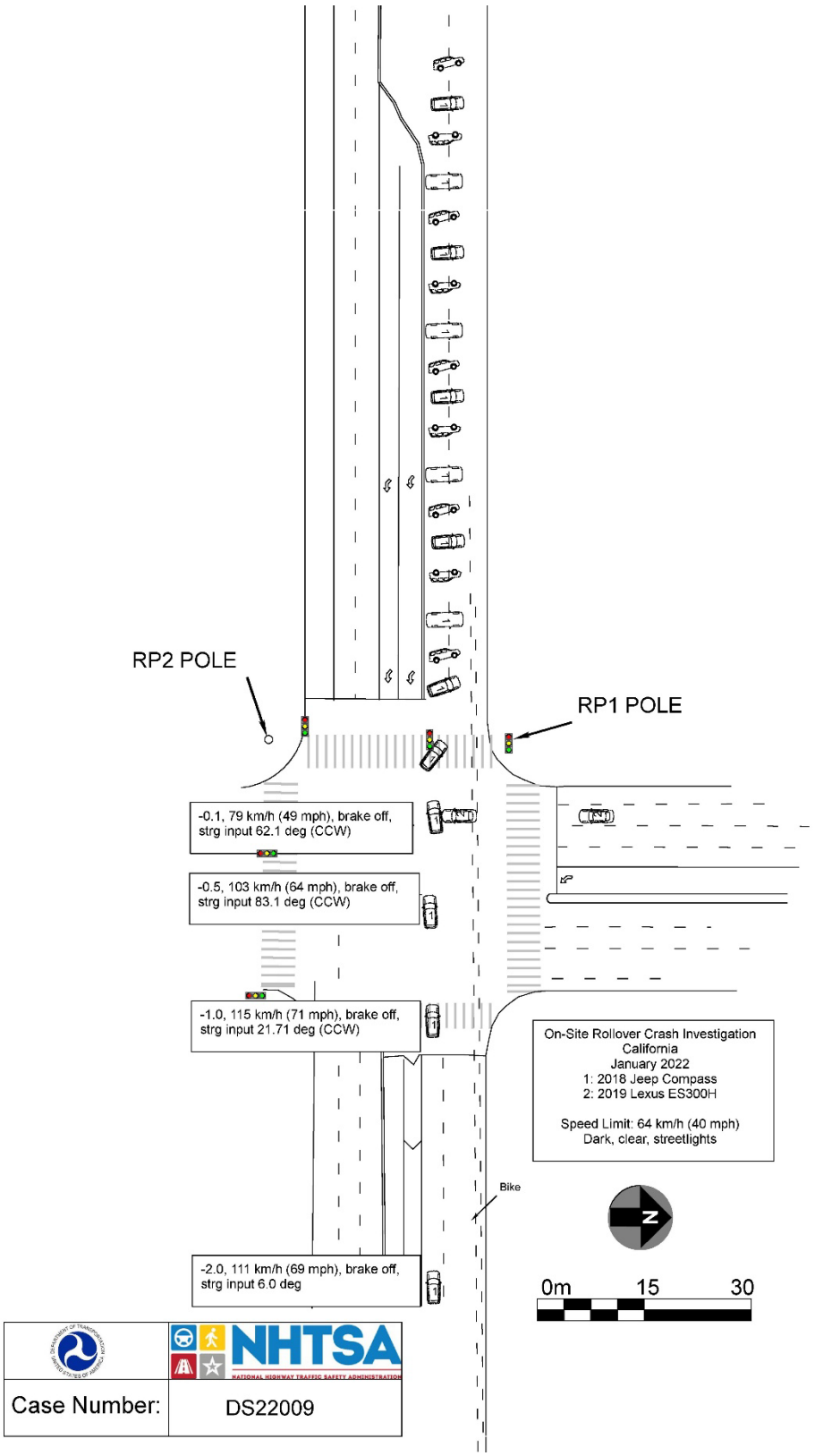
Figure 12. 2019 Lexus ES300H, front view (insurance image)

Occupant Data

The Lexus driver was a 61-year-old male. According to the PCR, he was belted. He complained of lower back and knee pain. He was transported by ambulance to a local hospital, where his treatment status is unknown. The front passenger was a belted female, age unknown. She did not report any injuries.

This page intentionally left blank.

Crash Diagram



This page intentionally left blank.

Appendix A. Event Data Recorder Report – 2018 Jeep Compass[3]

[3] The EDR Report contained in this report was imaged using the current version of the Bosch CDR software at the time of the vehicle inspection. The CDR report contained in the associated Crash Viewer application may differ relative to this report.

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are accessible using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

CDR File Information

User Entered VIN	3C4NJDCB0JT******
User	
Case Number	
EDR Data Imaging Date	
Crash Date	
Filename	DS22009_V1_ACM.CDRX
Saved on	
Imaged with CDR version	Crash Data Retrieval Tool 21.5
Imaged with Software Licensed to (Company Name)	Company Name information was removed when this file was saved without VIN sequence number
Reported with CDR version	Crash Data Retrieval Tool 21.5
Reported with Software Licensed to (Company Name)	NHTSA
EDR Device Type	Airbag Control Module
Event(s) recovered	Most Recent Event (Non-Deployment), 1st Prior Event (Non-Deployment), 2nd Prior Event (Deployment)

Comments

No comments entered.

Data Limitations

AIRBAG CONTROL MODULE (ACM) DATA LIMITATIONS:

GENERAL INFORMATION:

CAUTION: During direct-to-module imaging where the Airbag Control Module (ACM) is disconnected and removed from a vehicle, make sure the ACM is not moved, tilted or turned over while connected to and powered by the CDR Interface Module (with appropriate adaptors in place, where required). Also, after a CDR imaging process, wait 2 minutes after power is removed from the ACM before attempting to move the module. Not following these general ACM guidelines for direct-to-module imaging may cause new events to be recorded in the ACM.

- For additional definitions, please refer to the CDR Help File Glossary.
- As the VIN may be used to determine the configuration of the restraint system, it is imperative that the correct VIN be entered into the CDR Tool during the imaging process.
- If a DLC adapter has to be used with the CDR Tool, the "Read VIN from Vehicle" feature in the CDR Tool will not work. The VIN will have to be manually entered.
- If a 2021 or later MY Dodge Durango was imaged with a CDR Tool version 19.4 or older, the ACM will need to be reimaged as not all the peripheral sensor data will have been retrieved.
- The 2019 MY RAM 1500 may take up to 30 minutes to retrieve the EDR data. The ignition will time out within 20 minutes so the vehicle flashers must be turned on within 20 minutes to keep the ignition and communication bus active.
- Lateral Delta V will not be displayed for the 2013 MY Jeep Compass and Patriot.
- Ignition Cycle, download/crash
    - For RAMs and Dodge Vipers, there are 2 internal ignition counters in the ACM. It is possible for the ignition cycles at download to be different than the ignition cycles at event due to the 2 different counters.
    - Note that the ignition cycle count in an ACM may differ from the ignition cycle count in a Pedestrian Protection Module (PPM) in the same vehicle due to the fact that the ACM has an energy reserve while the PPM does not.

The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. All directional references to sign notation are from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element Name	Positive Sign Notation Indicates
Delta-V, Longitudinal	Forward
Maximum Delta-V, Longitudinal	Forward
Delta-V, Lateral	Left to Right
Maximum Delta-V, Lateral	Left to Right
Angular Rate	Clockwise rotation around the longitudinal axis
Peripheral Sensors, X and Y	Outside to Inside

Pressure Sensors	Compression of air
Internal Y Acceleration	Left to Right
Low-g Z Acceleration	Downward
Steering Input	Steering wheel turned counter clockwise
Yaw Rate	Counter clockwise rotation

CDR FILE INFORMATION:

- An event will be stored when the delta V is approximately 5 mph (8 km/h) or greater within a 150 ms interval.
- For non-NAFTA ACMs that control pedestrian protection devices, a non-deployment event will be stored when the pedestrian protection devices are activated.
- A non-deployment event may be stored with activation of the Active Head Restraints. See AHR explanation under System Configuration at Retrieval/Event section.
- A deployment event may be stored in a 2019 MY+ Ram 3500 as the result of a rear impact, even though the Ram 3500 does not deploy any restraint system devices in a rear impact.

Event(s) Recovered definitions:
- None - There are no stored events in the ACM
- Not Retrievable - Event Data may be stored in the ACM but is not retrievable by the CDR Tool.
- Most Recent Event - Data of the most recent event is displayed in the report
- 1st Prior Event - Two events are stored in the ACM, Data displayed is of the first prior event.
- 2nd Prior Event - Three events are stored in the ACM, Data displayed is of the second prior event.
- For 2013 and 2014 MY Dodge Journey and Fiat Freemont:
    - Event Record 1 - Data from an event is stored in the ACM (not necessarily in chronological order)
    - Event Record 2 - Data from another event is stored in the ACM (not necessarily in chronological order)
- For TRW modules:
- If there is a side impact, two EDR events may be stored for the one side impact event. The second event may be recorded due to the Lateral Delta V exceeding 5 mph (8 km/h) within a 150 ms interval after the side deployment occurred.
- For some Fiat vehicles:
    - Two EDR events may be stored for one impact event. The second event may be recorded due to the deployment of the frontal airbag, 3rd stage passenger.
- During an event, if power to the ACM is lost, all or part of the event data record may not be recorded. An indication may be observed in the recorded data under this condition: The restraint data is recorded first and then the vehicle data.
    - "None" may be displayed in the "Event(s) Recovered" section of the report indicating no pre-crash vehicle data.
    - An event may be displayed in the "Event(s) Recovered" section of the report and "Interrupted" will be displayed for Pre-Crash Recorder Status.
- For the 2021MY Jeep Grand Cherokee L, an event may be displayed in the "Event(s) Recovered" section of the report as "End of Line Test event - See Data Limitations". This event is an End of Line test event from the module manufacturing process which will be included in the count for the total number of events, but no data will be displayed in the CDR Report.

SYSTEM STATUS AT RETRIEVAL:

- Original VIN - The VIN is captured by the ACM and then recorded as the Original VIN after 10 consecutive ignition cycles of capturing the same number. Once it has been recorded, this number cannot be changed.

SYSTEM CONFIGURATION AT RETRIEVAL/EVENT:

- The System Configuration data tables indicate the components that the ACM for a particular vehicle monitors and/or controls.
- Active Head Restraint (AHR) - This refers to some active head restraint systems that are electronically controlled by the ACM. AHRs may activate but not store an EDR Record if the delta V does not exceed the minimum delta V threshold. It is possible that the AHRs may activate after the EDR record has been stored and written, based on achieving the minimum delta V. This condition will result in an EDR but no record of the AHR activation in the CDR report. Activation of only the AHRs, if stored, will be a non-deployment event.

SYSTEM STATUS AT EVENT:
- Frontal Airbag Warning Lamp - In Veoneer modules, the airbag warning lamp may indicate ON at the time of a most recent event without any DTCs present if a deployment event has already occurred in the same ignition cycle. The ABWL will come on due to the deployment but, as there are still algorithms processing data, the actual faults will not be qualified yet and will not show up as DTCs.

- Number, Total Events - Cumulative number of events that the ACM has recorded, including those non-deployment events that have been overwritten by a subsequent event.

    - For the 2021MY Jeep Grand Cherokee L, the module will contain one, two, or three End of Line test events from the module manufacturing process which will be included in the count for the total number of events. However, the data from these End of Line test events will not be displayed in the CDR Report.
- Occupant Size Classification, Outboard Front Passenger - "Child" status may be used to indicate anything weighing less than a 5 th percentile female adult crash dummy, including an empty seat; "Not Child" indicates anything weighing the same as or more than a 5 th percentile female adult crash dummy. "SNA" indicates undetermined;

- For some non-North American applications, "Empty" indicates an empty seat;
- Odometer at Event - Vehicle odometer at the time of the event
  - For 2014-2016 MY Fiat 500L, the odometer value in miles may be shown in the brackets, labeled as kilometers. If this is the case, the non-bracketed value is not valid.
- Operation via Energy Reserve Only -"Yes" indicates that the ACM had lost power at or before T0 and was only operating on energy reserve at T0.
- Safety Belt Status, Outboard Front Passenger - For vehicles sold outside of North America which do not contain a buckle switch for the outboard front passenger, the safety belt status, outboard front passenger will default to "not buckled/unbuckled".
- System Voltage at Event, ACM - Voltage at the ACM as measured by the ACM. This voltage may be approximately 0.7V (one diode drop) below the bused voltage.
- System Voltage at Event, Bused - Voltage of the vehicle system, communicated on the communication bus to other electronic modules in the vehicle.
- Temperature, Outside - Ambient Air Temperature.
- Time, Airbag Warning Lamp On - This is a cumulative time. It indicates the total amount of time that the ACM has requested the Airbag Warning Lamp be turned on.
  - This time does not include the warning lamp bulb check time, which occurs at every ignition cycle
    - For 2013 MY Minivans and new 2017+ MY Jeep Compass, this time is only cumulative for the past 10 ignition cycles.
- Time from event 1 to 2 -
  - If only one event is stored, either a value of 0 or >5 may be displayed for this data element.
  - For the 2018+ MY Promaster and 2019+ MY RAM 1500, a value of 0 may be displayed for the first event or for events >5 seconds apart.
  - If multiple events exist in the EDR, the time from event 1 to event 2 is defined as:
    - For Bosch and TRW modules, the time from the prior recorded event (even if it has been overwritten) to the current recorded event.
    - For Continental modules, the time from the prior existing recorded event (as long as it is still displayed in the CDR report) to the current recorded event**.** If the prior event in a multi-event condition is overwritten by a subsequent event, the multi-event status will no longer be displayed.
    - For the 2019+ MY RAM 1500, the time from event 1 to 2 may utilize a non-stored event as event 1. In this case, the total number of events and multi-event data elements will not include the non-stored event in the number of events. However, the time from event 1 to 2 will be shown as time from that non-stored event.
- Time, Operation System Time - This is a cumulative lifetime timer for the ACM. It indicates the total amount of time the ACM has been powered up.
  - For 2019 and later MY RAMs, this time is only cumulative for the current ignition cycle.
- Tire Pressure Indicator Lamp at Event- "On" indicates a tire with low pressure or a fault in the tire pressure monitoring system at the time of the event. The TPM module DTC's should be read and recorded for final system interpretation. "Flashing" indicates a recent fault in the tire pressure monitoring system.
- Tire Pressure at Event, LF, LF, RF, RR - See "Tire Information" under Pre-Crash Data section for details.
- VIN at Event, Last 8 Digits- Last 8 digits of the VIN of the vehicle at the time the ACM records the event.

DEPLOYMENT COMMAND DATA:

- A "Yes" for a particular item indicates that the ACM commanded the deployment /activation of the associated device.
- The phrase "Exceeded Storage Range" for a particular time to deploy indicates that the deployment time is equal to or greater than the 255 milliseconds that can be stored.
- If a device is not deployed, the "time to deploy" for that device will N/A.
- A time to deploy value of 0 is valid and indicates that the deployment of the device triggered the EDR t0.
- In vehicles with Bosch and Veoneer ACMs, once a device has been deployed in an ignition cycle, it is possible that the ACM will not attempt to re-deploy any already deployed device during subsequent events in that same ignition cycle.

DTCs PRESENT AT START OF EVENT:

- If any DTCs (diagnostic trouble codes) are present in the ACM at the start of the event, these will be listed in this section. A dealership service manual can be used to decode the DTCs.
  - DTCs Present at Start of Event are not present in the Alfa Romeo Giulia, Fiat 500X, and the Jeep Renegade.
- For the 2021 MY+ Jeep Grand Cherokee L, the DTCs will not be updated for the subsequent events within the same ignition cycle.

SENSOR DATA:

- The design range for the angular rate data is:
  - +/- 240 deg/sec for Bosch ACMs unless specifically called out below
  - +/- 300 deg/sec for TRW ACMs, the 2019 MY RAM 1500, and the 2018+ MY Dodge Journey
  - +/- 290 deg/sec for 2008+ MY minivans and 2009-2017 MY Dodge Journey
  - +/- 340 deg/sec for 2017+ MY Chrysler Pacifica and new 2017+ MY Jeep Compass
  - - 416.67 deg/sec to +413.41 deg/sec for 2014+ MY Jeep Cherokee
  - +/- 300 deg/sec for vehicles with Veoneer ACMs
- For vehicles that store peripheral sensor data, t0 for the peripheral sensors is the same as the t0 for the delta V.
- Internal y acceleration is stored prior to t0 so the internal y acceleration data will usually be zero unless the rollover sensing algorithm has triggered storage of the EDR event.
- The words "Sensor Design Range Exceeded" and a vertical line will be displayed on the Longitudinal and Lateral Delta-V graphs the first time the applicable sensor range is exceeded.
- For the 2010-2012 MY Chrysler Town and Country, Dodge Caravan, Dodge Grand Caravan, and Dodge Journey and the 2010-2011 MY Grand Voyager, the angular rate will only be displayed if it is non-zero.

PRE-CRASH DATA:

- The recorded Event may contain Pre-Crash data. Pre-Crash data from the various electronic control modules in the vehicle is transmitted to the Airbag Control Module via the vehicle's communication bus.
- In the Pre-Crash Data graph, data transmitted at a rate other than 0.1 seconds will be shown as dots for each available data point. Only data transmitted at a rate of 0.1 seconds will have the dots connected by a line.
- (if equip.) - If a parameter name is followed by the words (if equip.), then the parameter is only valid for vehicles equipped with the associated parameter/vehicle system.
- The MIL (Malfunction Indicator Lamp) Status for the various recorded systems indicates the requested state of the applicable malfunction indicator lamp at the time that the data was captured. Note: Some fault codes could be stored due to component/system damage from the accident. The appropriate diagnostic tool should be used to read any stored Diagnostic Trouble Codes (DTC's) in the various electronic modules (ACM, PCM, ABS, TCM, etc., where applicable) for use in interpretation of some vehicle specific recorded data.
- ABS Activity - "Yes" indicates an active ABS event in which the ABS is actively controlling the brakes.
- ABS MIL- This indicates the ABS fault indicator lamp status. It will only be "On" when there is a fault in the ABS system. The Electronic brake module DTC's should be read and recorded for final system interpretation.
- Accelerator Pedal, % Full - This indicates the actual position of the accelerator pedal. It will be "SNA" if the vehicle is in the power free mode which limits acceleration.
- Accelerator Pedal (Derived), % Full - This indicates the calculated value of the accelerator pedal for battery electric vehicles only.
- Accelerator Pedal/Engine Throttle, % Full - This indicates the actual position of the accelerator pedal unless the cruise control is engaged. If the cruise control is engaged, this indicates the actual position of the engine throttle blade.
- Brake Pedal Position - This indicates the percentage of brake pedal depression by the driver.
- Brake Torque - This indicates the calculated amount of brake torque the system is producing at the wheels.
- Brake Torque Driver - This indicates the calculated amount of brake torque that the driver is requesting.
- Braking System, Maximum Braking -- "Yes" indicates that ABS is active on all 4 wheels at the same time.
- Cruise Control:
    - Note that the following two Cruise Control data elements are only valid for vehicles not equipped with Adaptive Cruise Control (ACC). For vehicles equipped with ACC, the ACC data elements are used for both regular Cruise Control and ACC.
    - Cruise Control System/Lamp Status -"On" indicates that the Cruise Control system is turned on.
    - Cruise Control Status - "Off" indicates that all cruise control functionality is disabled; "NCC_On" indicates that the Normal Cruise Control system is turned on; "NCC_Engaged" indicates the Normal Cruise Control is actively controlling vehicle speed; "ACC_On" indicates that ACC is turned on; "ACC_Engaged" indicates that the ACC is actively controlling vehicle speed.
    - Cruise Control Engaged Status/Active - "Engaged"/"Yes" indicates the Cruise Control system is actively controlling vehicle speed. "Not Engaged"/"No" indicates the system is NOT controlling vehicle speed.
    - Cruise Control Override - "Active" indicates that the driver has overridden the set speed. "Not Active" indicates that the cruise control is either not turned on or is not being overridden.
    - Adaptive Cruise Control (ACC) Status (if equip.)- "Off" indicates that all cruise control functionality is disabled; "NCC_On" indicates that the Normal Cruise Control system is turned on; "NCC_Set" indicates the Normal Cruise Control is actively controlling vehicle speed; "ACC_On" indicates that ACC is turned on; "ACC_Set" indicates that the ACC is actively controlling vehicle speed. If the value is SNA for all time stamps, then the vehicle is not equipped with ACC.
    - Set Speed (if equip.)- This indicates the desired speed in mph that was input by the driver for the cruise control system.
    - ACC Faulted - "Yes" indicates that the ACC system will not function and the ACC warning lamp is lit; "No" indicates that the ACC system is functional and the ACC warning lamp is off;
    - For new 2017+MY Jeep Compass, cruise control data elements are only available for vehicles NOT equipped with ACC.
- Drive Mode - This indicates the driver selected mode of operation (e.g. normal, sport, track, …)
- Electronic Brake/Stability Control information:
    - Stability Control - This is the status of the ESC symbol - "car with squiggly lines" indicator lamp. "On" indicates that the ESC system is functional. "Off" indicates that the ESC system was turned off either by the driver or due to a fault or thermal mode shutdown. "Engaged" indicates an active ESC/TCS event. "Partial Off" indicates that engine management has been turned off but brake traction control is still functional.
        - For the Jeep Renegade, if the Stability Control is "Off", the ESC Button Status is "Disabled", and the vehicle speed exceeds 40 mph, the stability control system will operate in a reduced functionality mode with traction control turned off ("partial off" mode) even though the user disabled it. For all other conditions, when the Stability Control is "Off", the stability control system will be off.
    - ESC Button Status - This indicates the driver selected mode for the ESC system. "Disabled" indicates that the driver pressed the ESC Button to disable engine management. "Enabled" is the default state for the ESC system.
        - SRT and some Fiat products have the ability to fully disable the ESC system if the ESC button has been pressed and held for a specific amount of time. Additional system analysis is required.
    - ESP Feature is Completely Disabled - This indicates that the stability control system has turned off engine management, traction control, and stability control.
    - ESC/ESP MIL - This indicates the ESC/ESP fault indication lamp status. It will only be "On" when there is a fault or thermal mode shutdown in the ESC/ESP system. The ESC/ESP module DTC's should be read and recorded for final system interpretation.
    - Brake Intervention by ESP - "Yes" indicates that the stability control system has engaged the brakes.
    - Engine Torque Applied - "No" indicates no engine torque output was applied (as in Park/Neutral for Automatic transmissions or clutch depressed on manual or during an ESP/Traction Control event). If "Yes", then engine torque output was applied.
    - Traction Control Active - "Yes" indicates that the traction control system is actively controlling the vehicle's wheels.
- Electronic Park Brake (EPB):
    - Park Brake Engaged - "Yes" indicates that the park brake is applied.
    - EPB MIL - "On" indicates that there is a fault in the Electronic Park Brake System.
- Engine RPM - For the RAM ProMaster City, the minimum resolution for Engine RPM is 32 rpm.
- Engine Throttle, % Full - This indicates the actual position of the Engine Throttle blade. This data element is not supported by vehicles with diesel engines. Thus a value of "SNA" will be displayed if the vehicle has a diesel engine.
- ETC Lamp - Lamp "ON "indicates there is an active Electronic Throttle DTC.

- ETC Lamp Flashing - "Yes" indicates that the ETC is in the limp-in mode.
- Forward Collision Warning (FCW) (if equip.):
    - Object of Interest Distance - If the FCW system is acting on the object, this indicates the actual forward distance to the main object being tracked by the FCW system. "No Object" indicates that the FCW system is not currently acting on an object. If the value is SNA for all time stamps, then the vehicle is not equipped with FCW.
    - FCW System Operating State - "Off" indicates that the FCW system is off and the FCW Warning Lamp will be "On"; "On" indicates that the FCW system is on with the audible and visual warnings enabled.
    - FCW System Status - "Off" indicates that the FCW system is off and the FCW Warning Lamp will be "On". "On-warning" indicates that the FCW system is on but active braking is disabled. In an FCW event, the driver will only receive FCW audible and visual warnings. "On-full" indicates that the FCW system is fully on with active braking enabled as well as the audible and visual warnings enabled. SNA indicates that the vehicle is not equipped with FCW.
    - FCW Braking Enabled - "Yes" indicates that the FCW system has active braking enabled; "No" indicates that the FCW system does not have active braking enabled.
- Gear Position/Current Gear - For all vehicles except the RAM ProMaster City, this indicates the current transmission gear.
  For the RAM ProMaster City, this indicates the status of the gear shift lever.
- Estimate Regenerative Braking Axle Torque - (HEV only) This indicates the calculated braking torque applied by the HEV system to the drive axles in Nm.
- Driver Intended Axle Torque - (HEV only) This indicates the calculated value of torque in Nm being applied to the drive axles based on accelerator pedal position.
- Trans torque request - (HEV only) "Yes" indicates that the transmission controller has requested a torque reduction when shifting from one gear to another.
- Static Axle Torque - (HEV only) This indicates the torque in Nm at the axle when the speed of the axle is constant.
- HEV Battery Pack Contactor State - (HEV only) "Closed' indicates that the HEV battery pack is connected to the vehicle's electrical system. "Open" indicates that the HEV battery pack is disconnected from the vehicle's electrical system. "Pre-Charging" indicates that the inverter internal capacitor is charging. "Pre-Charge Failed" indicates that the attempt to charge an internal capacitor failed. "Pre-Charge Inhibited" indicates that an attempt to charge an internal capacitor was not made.
- HEV Lamp Request - (HEV only) This indicates the HEV indicator lamp status. It will only be "On" when there is a fault in the HEV system. The vehicle DTC's should be read and recorded for final system interpretation.
- Master Cylinder Pressure - This indicates the brake pressure applied to the brakes through the brake pedal.
- PCM MIL - This indicates the PCM fault indicator lamp status. It will only be "On" when there is a fault in the PCM. "Flashing" indicates misfire detection. The Powertrain Control Module DTC's should be read and recorded for final system interpretation.
- Pre-Crash Recorder Complete - Due to the interruption of data recording in one section, this data element may display "Interrupted" for all sections when some data sections are actually complete.
    - For the 2014 MY Jeep Grand Cherokee and Dodge Durango, if recording of angular rate data is interrupted, the entire EDR record will display "Interrupted" even though the rest of the data may be complete.
- PRND/PRNDL/PRNDS Status - This indicates the status of the Shifter Position.
- Raw Manifold Pressure - This indicates engine load in kPa.
- Reverse Gear - For manual transmission vehicles only, "Yes" indicates the transmission is in the reverse gear.
- Service Brake - "On" indicates that the brake pedal is physically depressed. Braking from the ABS or FCW systems will not be reported in this data element.
- Shift Selector Position - This indicates the status of the gear shift selector.
- Speed, Vehicle Indicated - This indicates the average of the wheel speeds of the drive wheels.
    - The reporting resolution for Speed, Vehicle Indicated is 1 km/h.
    - To display this data element in mph, the CDR Tool converts the km/h to mph and reports a rounded value in mph.
    - The accuracy of the recorded Speed, Vehicle Indicated may be affected by a significant change of the tire size for the drive wheels or the final drive axle ratio of the transmission from the factory build specifications, wheel lockup, wheel slip, or wheel spin.
    - On some vehicles capable of speeds in excess of 255km/h (about 158mph), the actual vehicle speed may have exceeded the reporting range. It is always prudent to check the reported wheel speeds and other parameters to confirm the Speed, Vehicle Indicated value(s).
- Tire Information:
    - XX where LF = Left Front Tire, RF = Right Front Tire, LR = Left Rear Tire, and RR = Right Rear Tire.
    - Tire X Location - This indicates the location of the tire pressure sensor data being displayed for that time stamp. Default is used to indicate that the location of the tire pressure sensor is unknown or there is no tire pressure sensor in that wheel. Vehicles with Base Tire Pressure Monitoring systems will display SNA for both Tire Locations as these vehicles do not send actual pressure values across the communication bus.
    - Tire X Pressure/Tire Pressure Status, XX -This indicates the actual pressure status of the Tire Location defined in the previous column (Tire X Location) or by the values for XX. Possible values are Significantly Under Inflated (TPM lamp will be on), LOW/Under/Under Inflated, NORMAL, HIGH/Over/Over Inflated, or SNA for this parameter. Vehicles with Base Tire Pressure Monitoring systems may display NORMAL even though these vehicles do not send actual pressure values across the communication bus.
    - Tire X Pressure/Tire Pressure Value, XX (psi) - This indicates the actual tire pressure value of the Tire Location defined in the previous column (Tire X Location) or by the values for XX. Vehicles with Base Tire Pressure Monitoring systems will display N/A for this parameter as these vehicles do not send actual pressure values across the communication bus.
    - For the following vehicles, the tire location, if displayed, may not be accurate if the tires have been rotated:
        -2013 MY Ram
        -2013-2017 MY Jeep Patriot
        -2013-2014 MY Chrysler 200
        -2013-2017 MY Jeep Compass
        -2013-2016 MY Dodge Dart
    - For the 2013 MY Ram, if the values for tire pressure status and the tire pressure are SNA, the EDR does not store tire pressure monitoring data.
    - Tire pressure is not stored in the EDR for the following vehicles:
        -2014-2018 MY RAM 1500
        -2014+ MY RAM (all but 1500)

-2013+ MY Jeep Wrangler
-2013 MY Jeep Grand Cherokee
-2013 MY Dodge Durango
-2013-2014 MY Dodge Challenger
-2013-2016 MY Chrysler Town and Country
-2013+ MY Dodge Grand Caravan
-2015+ MY Fiat 500

- Wheel Speed, XX - This indicates the speed value of a particular tire as denoted by XX.
- Tire Pressure Monitor Indicator Lamp/Faults - "On" indicates a tire with low pressure or a fault in the tire pressure monitoring system. The TPM module DTC's should be read and recorded for final system interpretation. "Flashing" indicates a recent fault in the tire pressure monitoring system.
- "T0" ("Time zero" where '0' is seen as subscript) is defined as "beginning of the crash event". T0 is the time at which the ACM algorithm is activated, a specific Delta-V is exceeded, or a non-reversible restraint device is deployed. T0 may be defined differently for front, side, rear and roll-over events.
  - If multiple algorithm decisions (i.e.: frontal, side, rear and/or rollover) are made before the first recorded event ends, all of those events are part of the same event record and "T0" is defined as the "T0" from the first recorded event.
  - In the Pre-Crash data tables, the relative time marker "-0.1s" or "-0.25s" respectively represents the last set of data captured in the buffer prior to "T0."
- Torque Information:
  - Axle Torque - This indicates the E-Motor Torque multiplied by the gear ratio for battery electric vehicles only.
  - E-Motor Torque - This indicates the calculated torque from the output shaft of the electric motor in battery electric vehicles only.
- Traction Control Intervention Active - "Active" indicates wheel slippage was occurring during vehicle acceleration.

APPLICATION INFORMATION:

- Alfa Romeo Giulia, Alfa Romeo Stelvio, Fiat 500L, Fiat 500X, and Jeep Renegade are only CDR supported in the United States, Canada, and Saudi Arabia markets.
- Fiat 500/500e is only CDR supported in the United States, Canada, Mexico, and Brazil markets.

03002_Chrysler_ r046

System Status at Retrieval

Original VIN	3C4NJDCB0JT******
Ignition Cycle, Download	3,389
ACM Part Number	68409683AA
ACM Serial Number	T03JF1928G1031
ACM Supplier	Continental
ACM Supply voltage at time of retrieval	4.100

System Configuration at Retrieval

Configured for Driver Frontal Airbag	Yes
Configured for Driver Knee Airbag	Yes
Configured for Driver Seatbelt Retractor Pretensioner	Yes
Configured for Driver Seatbelt Load Limiter	Yes
Configured for Driver Seatbelt Anchor Pretensioner	Yes
Configured for Driver Seatbelt Buckle Switch	Yes
Configured for Driver Seat Track Position Sensor	Yes
Configured for Left Side Curtain Airbag	Yes
Configured for Left Front Seat Side Airbag	Yes
Configured for Passenger Frontal Airbag	Yes
Configured for Passenger Seatbelt Retractor Pretensioner	Yes
Configured for Passenger Seatbelt Load Limiter	Yes
Configured for Passenger Seatbelt Anchor Pretensioner	Yes
Configured for Passenger Seatbelt Buckle Switch	Yes
Configured for Passenger Seat Track Position Sensor	Yes
Configured for Right Side Curtain Airbag	Yes
Configured for Right Front Seat Side Airbag	Yes
Configured for Rollover Sensing	Yes
Configured for Occupant Classification	Yes

System Configuration at Event (Most Recent Event - Non-Deployment)

Configured for Driver Frontal Airbag	Yes
Configured for Driver Knee Airbag	Yes
Configured for Driver Seatbelt Retractor Pretensioner	Yes
Configured for Driver Seatbelt Load Limiter	Yes
Configured for Driver Seatbelt Anchor Pretensioner	Yes
Configured for Driver Seatbelt Buckle Switch	Yes
Configured for Driver Seat Track Position Sensor	Yes
Configured for Left Side Curtain Airbag	Yes
Configured for Left Front Seat Side Airbag	Yes
Configured for Passenger Frontal Airbag	Yes
Configured for Passenger Seatbelt Retractor Pretensioner	Yes
Configured for Passenger Seatbelt Load Limiter	Yes
Configured for Passenger Seatbelt Anchor Pretensioner	Yes
Configured for Passenger Seatbelt Buckle Switch	Yes
Configured for Passenger Seat Track Position Sensor	Yes
Configured for Right Side Curtain Airbag	Yes
Configured for Right Front Seat Side Airbag	Yes
Configured for Rollover Sensing	Yes
Configured for Occupant Classification	Yes

System Status at Event (Most Recent Event - Non-Deployment)

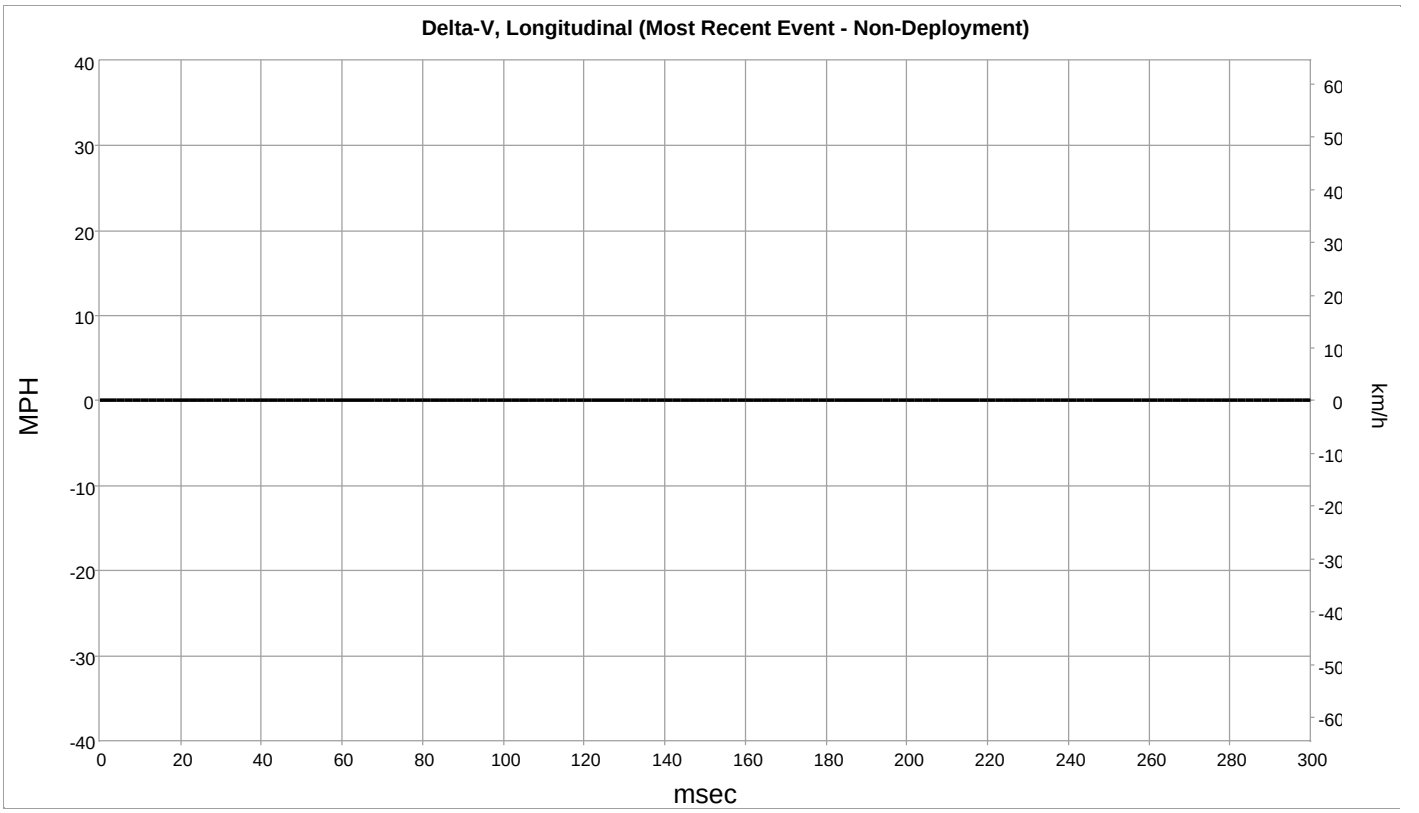
Event Number	4
Complete File Recorded	Yes
Ignition Cycle, Crash	3,388
Multi-Event, Number of Events	1
Time From Event 1 to 2 (sec)	>5
Safety Belt Status, Driver	Buckled
Safety Belt Status, Passenger	Buckled
Seat Track Position Switch, Foremost, Status, Driver	Not Frontal Zone
Seat Track Position Switch, Foremost, Status, Right Front Passenger	Not Frontal Zone
Occupant Size Classification, Outboard Front Passenger	SNA
Maximum Delta-V, Longitudinal (MPH [km/h])	0.0 [0]
Time, Maximum Delta-V, Longitudinal (ms)	0
Maximum Delta-V, Lateral (MPH [km/h])	6.2 [10]
Time, Maximum Delta-V, Lateral (ms)	150
Frontal Airbag Warning Lamp	On
Operation system time	2,396,093.95
Airbag Warning Lamp On Time (min)	77
Total Number of Events	4
ECU System Voltage at Event	11
Odometer at Event (miles [km])	12781.6 [20,570]
VIN at Event (last 8 characters)	JT******

Deployment Command Data (Most Recent Event - Non-Deployment)

Frontal Airbag Deployment, 1st Stage, Driver	No
Frontal Airbag deployment, Time to Deploy 1st stage, Driver (ms)	N/A
Frontal Airbag Deployment, 2nd Stage, Driver	No
Frontal Airbag deployment, Time to Deploy 2nd stage, Driver (ms)	N/A
Frontal Airbag, Deployment 1st Stage, Passenger	No
Frontal Airbag deployment, Time to Deploy 1st stage, Passenger (ms)	N/A
Frontal Airbag, Deployment 2nd Stage, Passenger	No
Front Airbag, Time to Deploy 2nd stage, Passenger (ms)	N/A
Front Airbag, Deployment 3rd Squib, Passenger	No
Front Airbag, Time to Deploy 3rd Squib, Passenger (ms)	N/A
Knee Airbag Deployment, Driver	No
Retractor Pretensioner Deployment, Driver	No
Retractor Pretensioner Deployment, Passenger	No
Side Seat Airbag Deployment, Front Left	No
Side Curtain Airbag Deployment, Left	No
Side Seat Airbag Deployment, Front Right	No
Side Curtain Airbag Deployment, Right	No

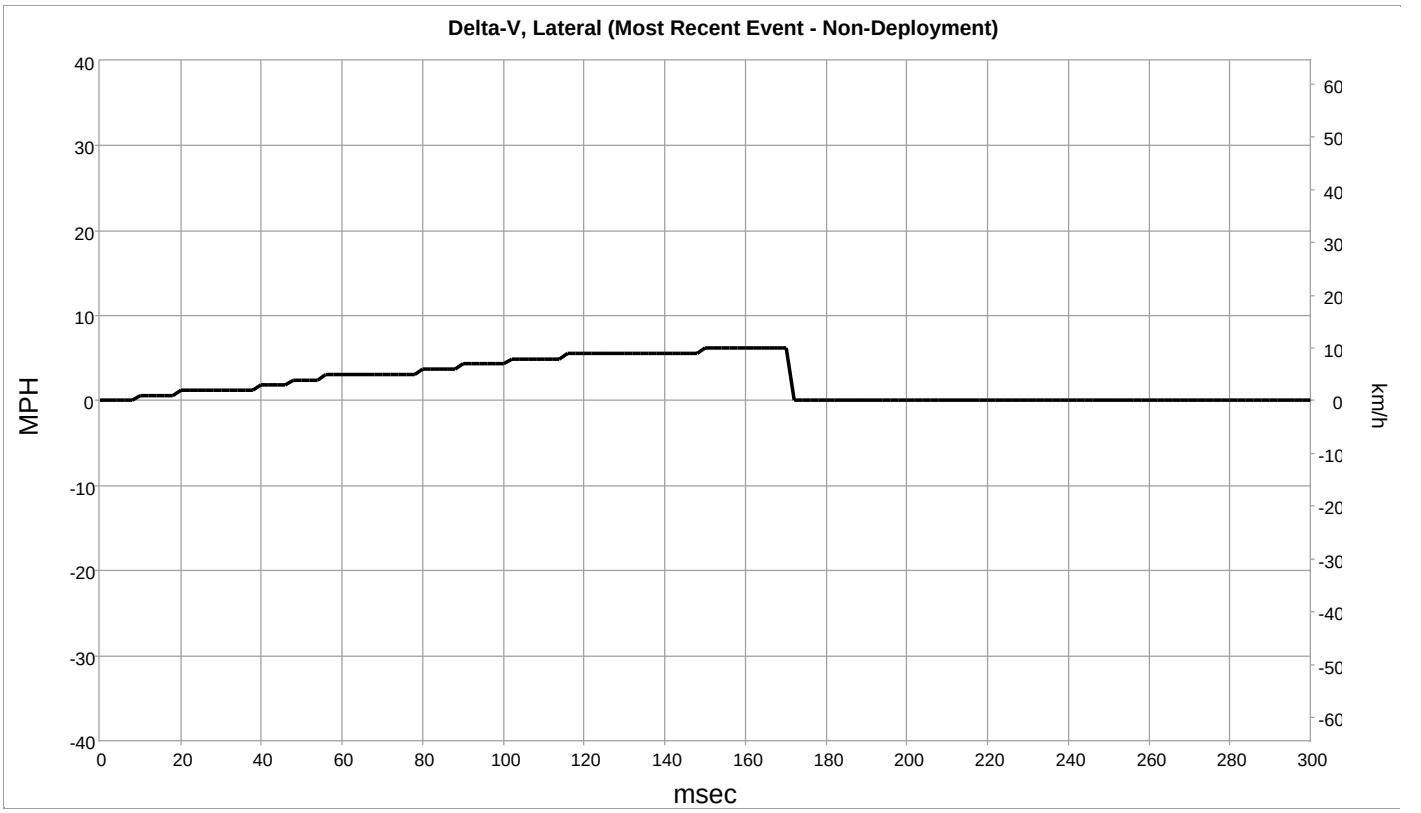
DTCs Present at Start of Event (Most Recent Event - Non-Deployment)

B223D-00	Active
B0021-13	Active
B007F-13	Active
B007E-13	Active
B007A-13	Active
B0079-13	Active
B0029-13	Active
B0028-13	Active
B0021-11	Stored
B0020-13	Active
B1C32-00	Active
U0154-00	Stored
U0140-00	Stored
U0155-00	Stored
B2204-00	Stored
B0050-13	Stored
B00C5-13	Stored
B00B5-13	Stored
B0052-13	Stored
B0095-13	Stored
B0090-13	Stored
B0002-13	Stored
B0001-13	Stored
U0100-00	Stored
B222D-00	Stored
B00DF-95	Stored
B2734-13	Stored
B1BA5-00	Stored


Delta-V, Longitudinal (Most Recent Event - Non-Deployment)
MPH
km/h
msec
40
30
20
10
0
-10
-20
-30
-40
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300

Longitudinal Crash Pulse (Most Recent Event - Non-Deployment)

Time (msec)	Delta-V, Longitudinal (MPH [km/h])	Time (msec)	Delta-V, Longitudinal (MPH [km/h])	Time (msec)	Delta-V, Longitudinal (MPH [km/h])
0	0 [0]	100	0 [0]	200	0 [0]
2	0 [0]	102	0 [0]	202	0 [0]
4	0 [0]	104	0 [0]	204	0 [0]
6	0 [0]	106	0 [0]	206	0 [0]
8	0 [0]	108	0 [0]	208	0 [0]
10	0 [0]	110	0 [0]	210	0 [0]
12	0 [0]	112	0 [0]	212	0 [0]
14	0 [0]	114	0 [0]	214	0 [0]
16	0 [0]	116	0 [0]	216	0 [0]
18	0 [0]	118	0 [0]	218	0 [0]
20	0 [0]	120	0 [0]	220	0 [0]
22	0 [0]	122	0 [0]	222	0 [0]
24	0 [0]	124	0 [0]	224	0 [0]
26	0 [0]	126	0 [0]	226	0 [0]
28	0 [0]	128	0 [0]	228	0 [0]
30	0 [0]	130	0 [0]	230	0 [0]
32	0 [0]	132	0 [0]	232	0 [0]
34	0 [0]	134	0 [0]	234	0 [0]
36	0 [0]	136	0 [0]	236	0 [0]
38	0 [0]	138	0 [0]	238	0 [0]
40	0 [0]	140	0 [0]	240	0 [0]
42	0 [0]	142	0 [0]	242	0 [0]
44	0 [0]	144	0 [0]	244	0 [0]
46	0 [0]	146	0 [0]	246	0 [0]
48	0 [0]	148	0 [0]	248	0 [0]
50	0 [0]	150	0 [0]	250	0 [0]
52	0 [0]	152	0 [0]	252	0 [0]
54	0 [0]	154	0 [0]	254	0 [0]
56	0 [0]	156	0 [0]	256	0 [0]
58	0 [0]	158	0 [0]	258	0 [0]
60	0 [0]	160	0 [0]	260	0 [0]
62	0 [0]	162	0 [0]	262	0 [0]
64	0 [0]	164	0 [0]	264	0 [0]
66	0 [0]	166	0 [0]	266	0 [0]
68	0 [0]	168	0 [0]	268	0 [0]
70	0 [0]	170	0 [0]	270	0 [0]
72	0 [0]	172	0 [0]	272	0 [0]
74	0 [0]	174	0 [0]	274	0 [0]
76	0 [0]	176	0 [0]	276	0 [0]
78	0 [0]	178	0 [0]	278	0 [0]
80	0 [0]	180	0 [0]	280	0 [0]
82	0 [0]	182	0 [0]	282	0 [0]
84	0 [0]	184	0 [0]	284	0 [0]
86	0 [0]	186	0 [0]	286	0 [0]
88	0 [0]	188	0 [0]	288	0 [0]
90	0 [0]	190	0 [0]	290	0 [0]
92	0 [0]	192	0 [0]	292	0 [0]
94	0 [0]	194	0 [0]	294	0 [0]
96	0 [0]	196	0 [0]	296	0 [0]
98	0 [0]	198	0 [0]	298	0 [0]
				300	0 [0]

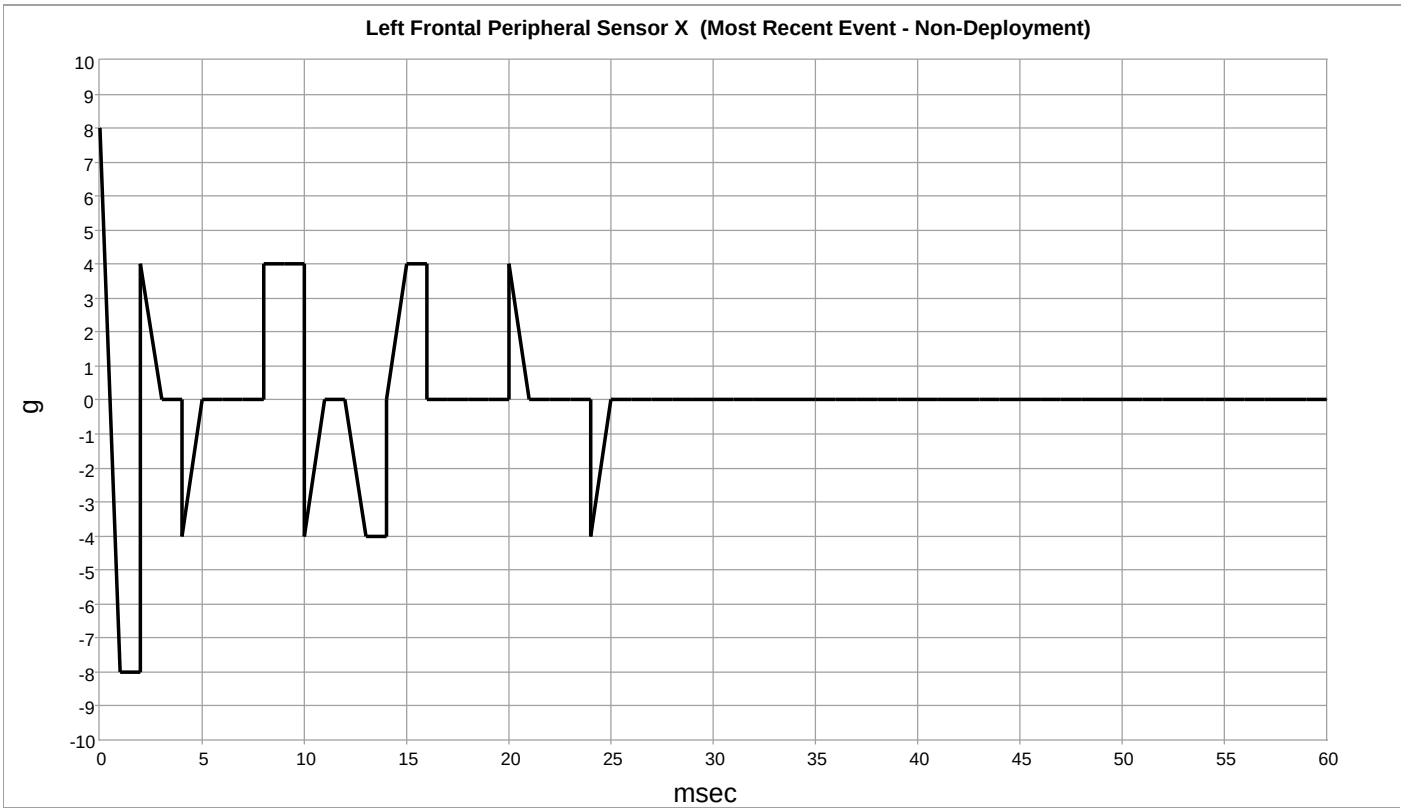

Delta-V, Lateral (Most Recent Event - Non-Deployment)
MPH
km/h
msec
40
30
20
10
0
-10
-20
-30
-40
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300

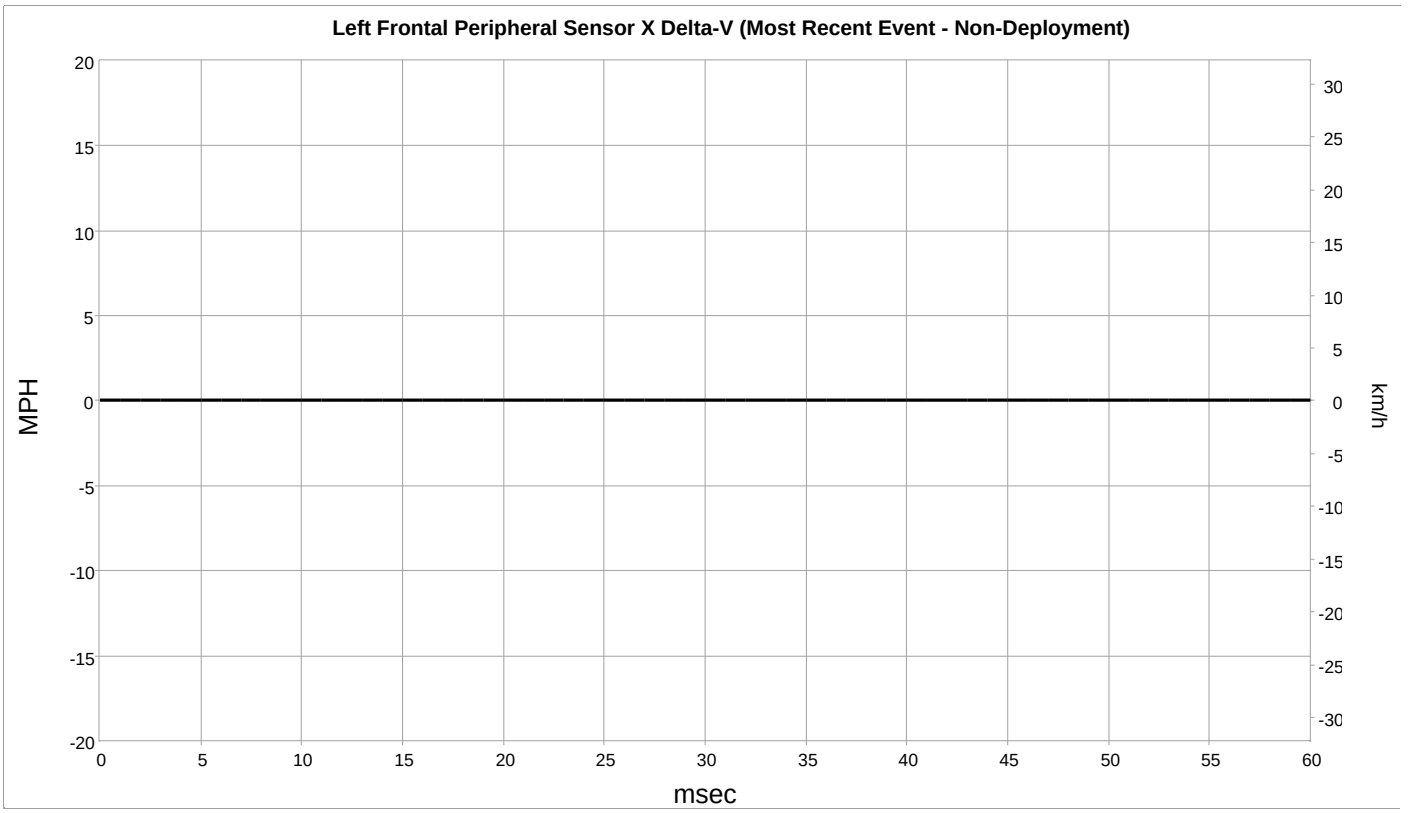
Lateral Crash Pulse (Most Recent Event - Non-Deployment)

Time (msec)	Delta-V, Lateral (MPH [km/h])
0	0 [0]
2	0 [0]
4	0 [0]
6	0 [0]
8	0 [0]
10	1 [1]
12	1 [1]
14	1 [1]
16	1 [1]
18	1 [1]
20	1 [2]
22	1 [2]
24	1 [2]
26	1 [2]
28	1 [2]
30	1 [2]
32	1 [2]
34	1 [2]
36	1 [2]
38	1 [2]
40	2 [3]
42	2 [3]
44	2 [3]
46	2 [3]
48	2 [4]
50	2 [4]
52	2 [4]
54	2 [4]
56	3 [5]
58	3 [5]
60	3 [5]
62	3 [5]
64	3 [5]
66	3 [5]
68	3 [5]
70	3 [5]
72	3 [5]
74	3 [5]
76	3 [5]
78	3 [5]
80	4 [6]
82	4 [6]
84	4 [6]
86	4 [6]
88	4 [6]
90	4 [7]
92	4 [7]
94	4 [7]
96	4 [7]
98	4 [7]

Time (msec)	Delta-V, Lateral (MPH [km/h])
100	4 [7]
102	5 [8]
104	5 [8]
106	5 [8]
108	5 [8]
110	5 [8]
112	5 [8]
114	5 [8]
116	6 [9]
118	6 [9]
120	6 [9]
122	6 [9]
124	6 [9]
126	6 [9]
128	6 [9]
130	6 [9]
132	6 [9]
134	6 [9]
136	6 [9]
138	6 [9]
140	6 [9]
142	6 [9]
144	6 [9]
146	6 [9]
148	6 [9]
150	6 [10]
152	6 [10]
154	6 [10]
156	6 [10]
158	6 [10]
160	6 [10]
162	6 [10]
164	6 [10]
166	6 [10]
168	6 [10]
170	6 [10]
172	0 [0]
174	0 [0]
176	0 [0]
178	0 [0]
180	0 [0]
182	0 [0]
184	0 [0]
186	0 [0]
188	0 [0]
190	0 [0]
192	0 [0]
194	0 [0]
196	0 [0]
198	0 [0]

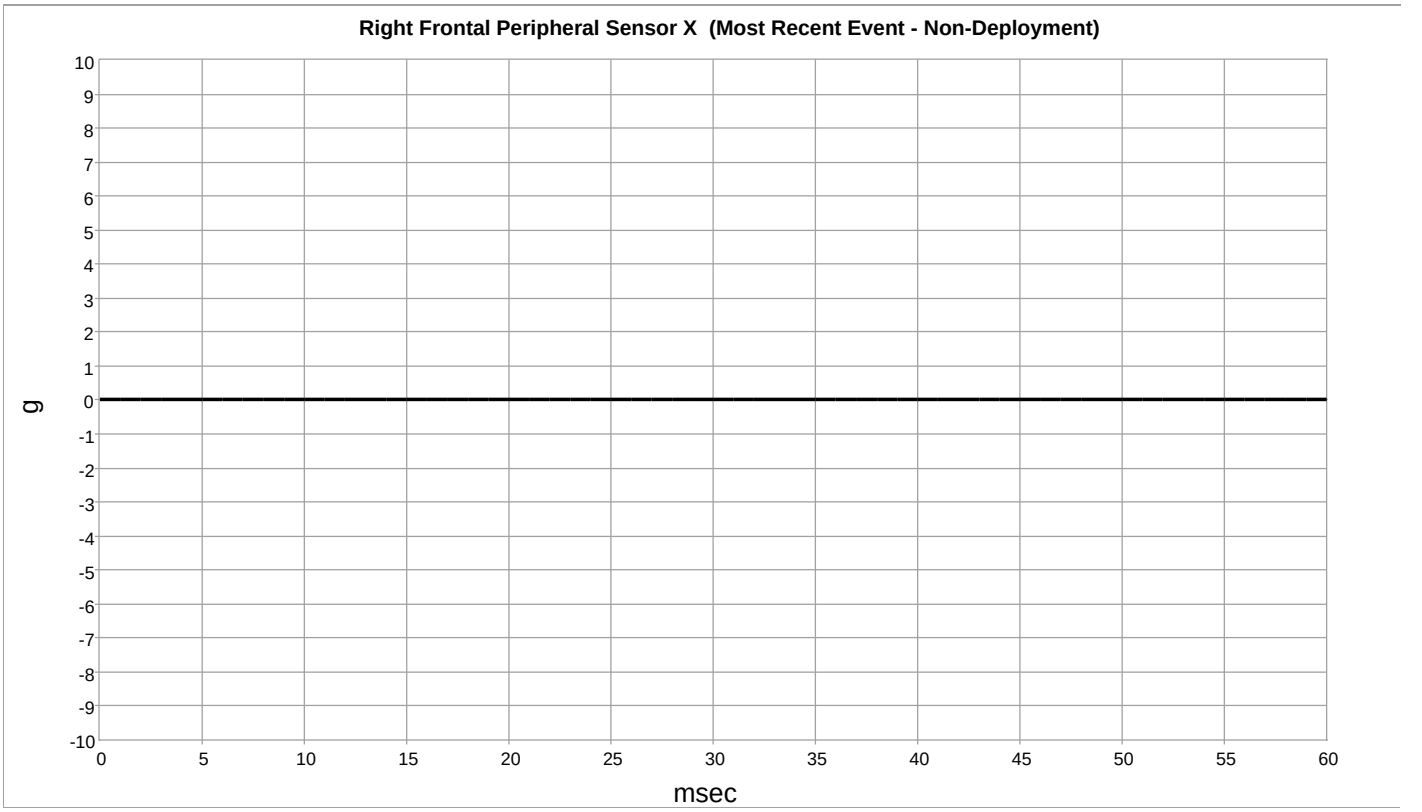
Time (msec)	Delta-V, Lateral (MPH [km/h])
200	0 [0]
202	0 [0]
204	0 [0]
206	0 [0]
208	0 [0]
210	0 [0]
212	0 [0]
214	0 [0]
216	0 [0]
218	0 [0]
220	0 [0]
222	0 [0]
224	0 [0]
226	0 [0]
228	0 [0]
230	0 [0]
232	0 [0]
234	0 [0]
236	0 [0]
238	0 [0]
240	0 [0]
242	0 [0]
244	0 [0]
246	0 [0]
248	0 [0]
250	0 [0]
252	0 [0]
254	0 [0]
256	0 [0]
258	0 [0]
260	0 [0]
262	0 [0]
264	0 [0]
266	0 [0]
268	0 [0]
270	0 [0]
272	0 [0]
274	0 [0]
276	0 [0]
278	0 [0]
280	0 [0]
282	0 [0]
284	0 [0]
286	0 [0]
288	0 [0]
290	0 [0]
292	0 [0]
294	0 [0]
296	0 [0]
298	0 [0]
300	0 [0]

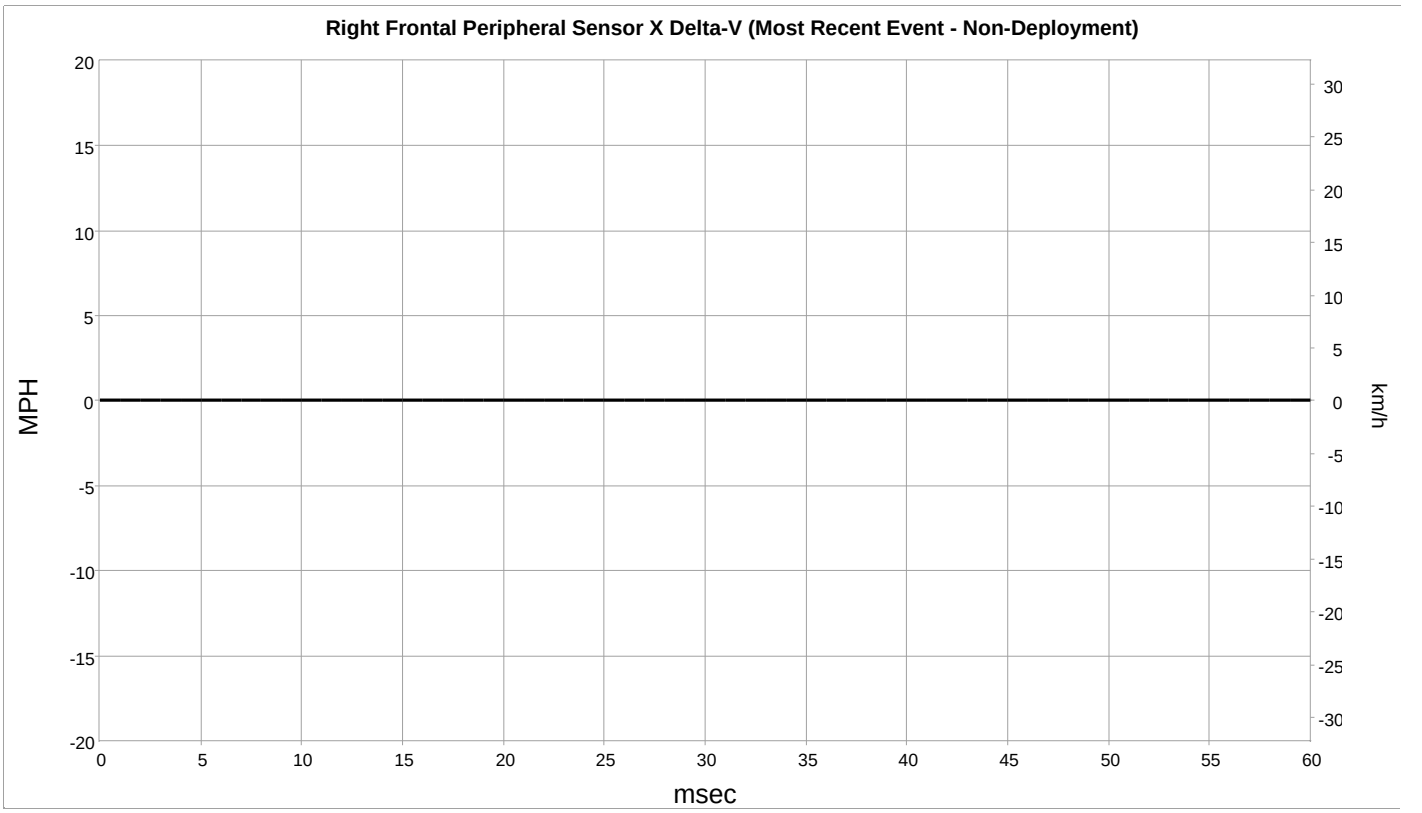

Left Frontal Peripheral Sensor X (Most Recent Event - Non-Deployment)
g
msec
10
9
8
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
0
5
10
15
20
25
30
35
40
45
50
55
60


Left Frontal Peripheral Sensor X Delta-V (Most Recent Event - Non-Deployment)
MPH
km/h
msec
20
15
10
5
0
-5
-10
-15
-20
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60

Left Frontal Peripheral Sensor X (Most Recent Event - Non-Deployment)

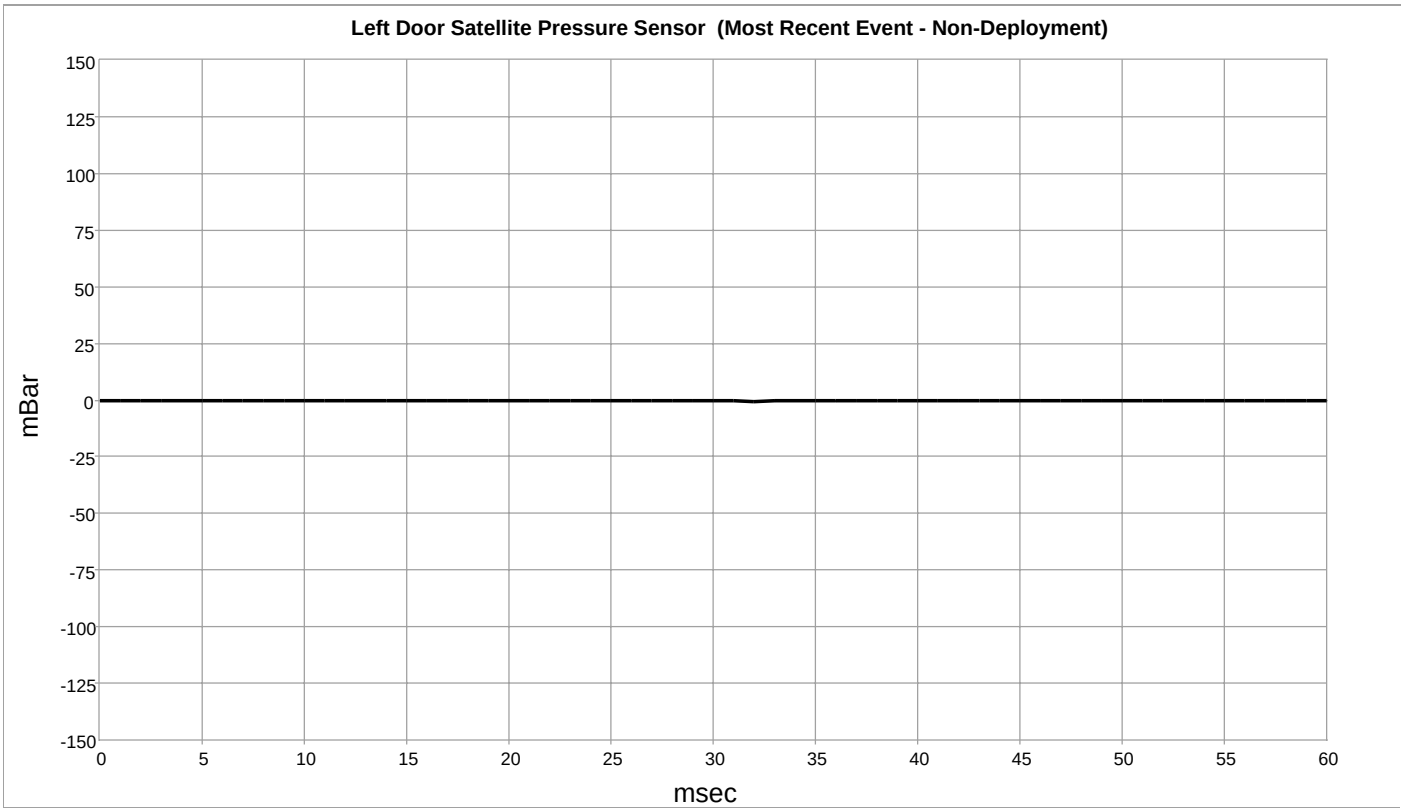
Time (msec)	Left Frontal Peripheral Sensor X (g)	Left Frontal Peripheral Sensor X Delta-V (MPH [km/h])
0	8.00	0 [0]
0.5	8.00	0 [0]
1	-8.00	0 [0]
1.5	-8.00	0 [0]
2	4.00	0 [0]
2.5	4.00	0 [0]
3	0.00	0 [0]
3.5	0.00	0 [0]
4	-4.00	0 [0]
4.5	-4.00	0 [0]
5	0.00	0 [0]
5.5	0.00	0 [0]
6	0.00	0 [0]
6.5	0.00	0 [0]
7	0.00	0 [0]
7.5	0.00	0 [0]
8	4.00	0 [0]
8.5	4.00	0 [0]
9	4.00	0 [0]
9.5	4.00	0 [0]
10	-4.00	0 [0]
10.5	-4.00	0 [0]
11	0.00	0 [0]
11.5	0.00	0 [0]
12	0.00	0 [0]
12.5	0.00	0 [0]
13	-4.00	0 [0]
13.5	-4.00	0 [0]
14	0.00	0 [0]
14.5	0.00	0 [0]
15	4.00	0 [0]
15.5	4.00	0 [0]
16	0.00	0 [0]
16.5	0.00	0 [0]
17	0.00	0 [0]
17.5	0.00	0 [0]
18	0.00	0 [0]
18.5	0.00	0 [0]
19	0.00	0 [0]
19.5	0.00	0 [0]
20	4.00	0 [0]
20.5	4.00	0 [0]
21	0.00	0 [0]
21.5	0.00	0 [0]
22	0.00	0 [0]
22.5	0.00	0 [0]
23	0.00	0 [0]
23.5	0.00	0 [0]
24	-4.00	0 [0]
24.5	-4.00	0 [0]
25	0.00	0 [0]
25.5	0.00	0 [0]
26	0.00	0 [0]
26.5	0.00	0 [0]
27	0.00	0 [0]
27.5	0.00	0 [0]
28	0.00	0 [0]
28.5	0.00	0 [0]
29	0.00	0 [0]
29.5	0.00	0 [0]
30	0.00	0 [0]
30.5	0.00	0 [0]
31	0.00	0 [0]
31.5	0.00	0 [0]
32	0.00	0 [0]
32.5	0.00	0 [0]
33	0.00	0 [0]
33.5	0.00	0 [0]
34	0.00	0 [0]
34.5	0.00	0 [0]
35	0.00	0 [0]
35.5	0.00	0 [0]
36	0.00	0 [0]
36.5	0.00	0 [0]
37	0.00	0 [0]
37.5	0.00	0 [0]
38	0.00	0 [0]
38.5	0.00	0 [0]
39	0.00	0 [0]
39.5	0.00	0 [0]
40	0.00	0 [0]
40.5	0.00	0 [0]
41	0.00	0 [0]
41.5	0.00	0 [0]
42	0.00	0 [0]
42.5	0.00	0 [0]
43	0.00	0 [0]
43.5	0.00	0 [0]
44	0.00	0 [0]
44.5	0.00	0 [0]
45	0.00	0 [0]
45.5	0.00	0 [0]
46	0.00	0 [0]
46.5	0.00	0 [0]
47	0.00	0 [0]
47.5	0.00	0 [0]
48	0.00	0 [0]
48.5	0.00	0 [0]
49	0.00	0 [0]
49.5	0.00	0 [0]
50	0.00	0 [0]
50.5	0.00	0 [0]
51	0.00	0 [0]
51.5	0.00	0 [0]
52	0.00	0 [0]
52.5	0.00	0 [0]
53	0.00	0 [0]
53.5	0.00	0 [0]
54	0.00	0 [0]
54.5	0.00	0 [0]
55	0.00	0 [0]
55.5	0.00	0 [0]
56	0.00	0 [0]
56.5	0.00	0 [0]
57	0.00	0 [0]
57.5	0.00	0 [0]
58	0.00	0 [0]
58.5	0.00	0 [0]
59	0.00	0 [0]
59.5	0.00	0 [0]


Right Frontal Peripheral Sensor X (Most Recent Event - Non-Deployment)
g
msec
10
9
8
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
0
5
10
15
20
25
30
35
40
45
50
55
60


Right Frontal Peripheral Sensor X Delta-V (Most Recent Event - Non-Deployment)
MPH
km/h
msec
20
15
10
5
0
-5
-10
-15
-20
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60

Right Frontal Peripheral Sensor X (Most Recent Event - Non-Deployment)

Time (msec)	Right Frontal Peripheral Sensor X (g)	Right Frontal Peripheral Sensor X Delta-V (MPH [km/h])
0	0.00	0 [0]
0.5	0.00	0 [0]
1	0.00	0 [0]
1.5	0.00	0 [0]
2	0.00	0 [0]
2.5	0.00	0 [0]
3	0.00	0 [0]
3.5	0.00	0 [0]
4	0.00	0 [0]
4.5	0.00	0 [0]
5	0.00	0 [0]
5.5	0.00	0 [0]
6	0.00	0 [0]
6.5	0.00	0 [0]
7	0.00	0 [0]
7.5	0.00	0 [0]
8	0.00	0 [0]
8.5	0.00	0 [0]
9	0.00	0 [0]
9.5	0.00	0 [0]
10	0.00	0 [0]
10.5	0.00	0 [0]
11	0.00	0 [0]
11.5	0.00	0 [0]
12	0.00	0 [0]
12.5	0.00	0 [0]
13	0.00	0 [0]
13.5	0.00	0 [0]
14	0.00	0 [0]
14.5	0.00	0 [0]
15	0.00	0 [0]
15.5	0.00	0 [0]
16	0.00	0 [0]
16.5	0.00	0 [0]
17	0.00	0 [0]
17.5	0.00	0 [0]
18	0.00	0 [0]
18.5	0.00	0 [0]
19	0.00	0 [0]
19.5	0.00	0 [0]
20	0.00	0 [0]
20.5	0.00	0 [0]
21	0.00	0 [0]
21.5	0.00	0 [0]
22	0.00	0 [0]
22.5	0.00	0 [0]
23	0.00	0 [0]
23.5	0.00	0 [0]
24	0.00	0 [0]
24.5	0.00	0 [0]
25	0.00	0 [0]
25.5	0.00	0 [0]
26	0.00	0 [0]
26.5	0.00	0 [0]
27	0.00	0 [0]
27.5	0.00	0 [0]
28	0.00	0 [0]
28.5	0.00	0 [0]
29	0.00	0 [0]
29.5	0.00	0 [0]
30	0.00	0 [0]
30.5	0.00	0 [0]
31	0.00	0 [0]
31.5	0.00	0 [0]
32	0.00	0 [0]
32.5	0.00	0 [0]
33	0.00	0 [0]
33.5	0.00	0 [0]
34	0.00	0 [0]
34.5	0.00	0 [0]
35	0.00	0 [0]
35.5	0.00	0 [0]
36	0.00	0 [0]
36.5	0.00	0 [0]
37	0.00	0 [0]
37.5	0.00	0 [0]
38	0.00	0 [0]
38.5	0.00	0 [0]
39	0.00	0 [0]
39.5	0.00	0 [0]
40	0.00	0 [0]
40.5	0.00	0 [0]
41	0.00	0 [0]
41.5	0.00	0 [0]
42	0.00	0 [0]
42.5	0.00	0 [0]
43	0.00	0 [0]
43.5	0.00	0 [0]
44	0.00	0 [0]
44.5	0.00	0 [0]
45	0.00	0 [0]
45.5	0.00	0 [0]
46	0.00	0 [0]
46.5	0.00	0 [0]
47	0.00	0 [0]
47.5	0.00	0 [0]
48	0.00	0 [0]
48.5	0.00	0 [0]
49	0.00	0 [0]
49.5	0.00	0 [0]
50	0.00	0 [0]
50.5	0.00	0 [0]
51	0.00	0 [0]
51.5	0.00	0 [0]
52	0.00	0 [0]
52.5	0.00	0 [0]
53	0.00	0 [0]
53.5	0.00	0 [0]
54	0.00	0 [0]
54.5	0.00	0 [0]
55	0.00	0 [0]
55.5	0.00	0 [0]
56	0.00	0 [0]
56.5	0.00	0 [0]
57	0.00	0 [0]
57.5	0.00	0 [0]
58	0.00	0 [0]
58.5	0.00	0 [0]
59	0.00	0 [0]
59.5	0.00	0 [0]

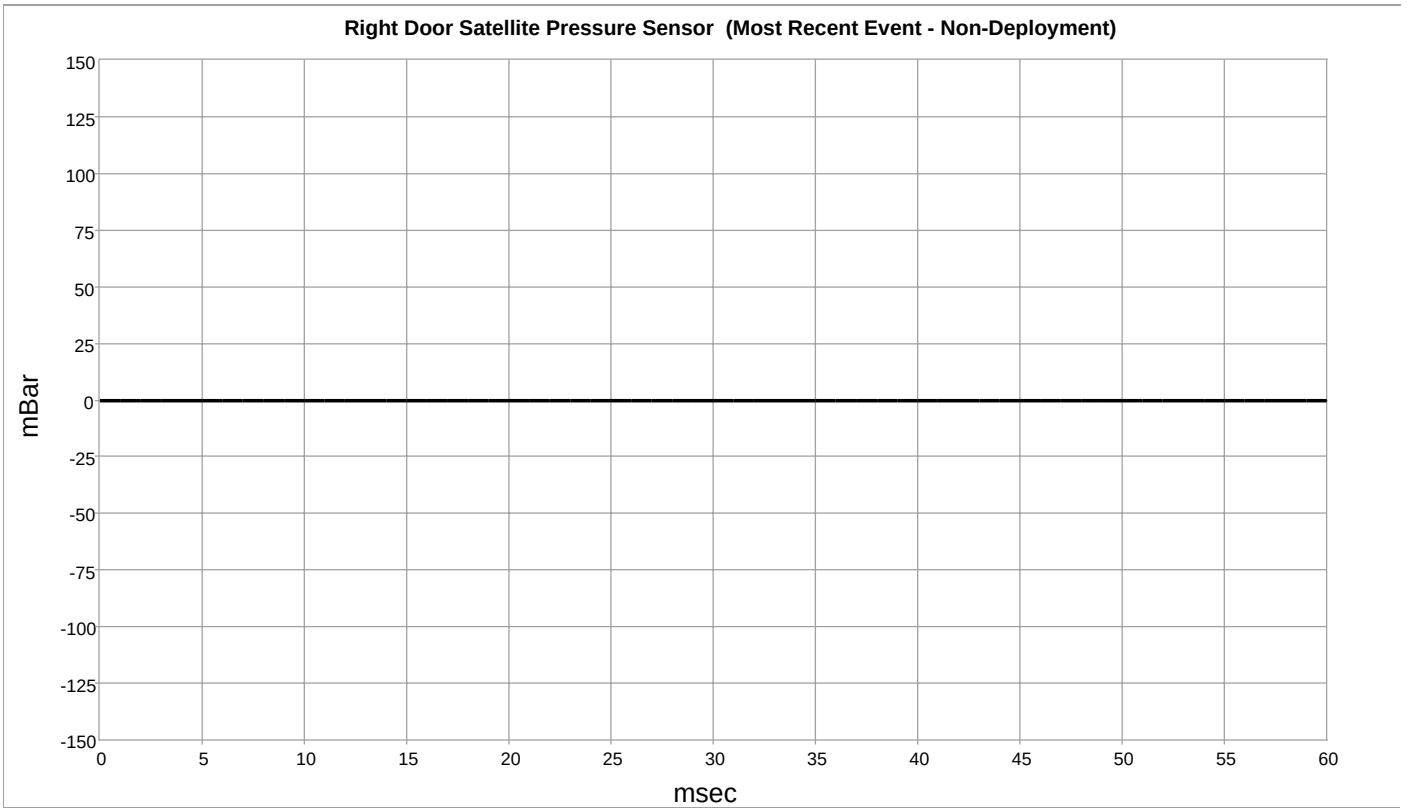

Left Door Satellite Pressure Sensor (Most Recent Event - Non-Deployment)
150
125
100
75
50
25
0
-25
-50
-75
-100
-125
-150
mBar
0
5
10
15
20
25
30
35
40
45
50
55
60
msec

Left Door Satellite Pressure Sensor (Most Recent Event - Non-Deployment)

Time (msec)	Left Door Satellite Pressure Sensor (mBar)
0	0.00
0.5	0.00
1	0.00
1.5	0.00
2	0.00
2.5	0.00
3	0.00
3.5	0.00
4	0.00
4.5	0.00
5	0.00
5.5	0.00
6	0.00
6.5	0.00
7	0.00
7.5	0.00
8	0.00
8.5	0.00
9	0.00
9.5	0.00
10	0.00
10.5	0.00
11	0.00
11.5	0.00
12	0.00
12.5	0.00
13	0.00
13.5	0.00
14	0.00
14.5	0.00
15	0.00
15.5	0.00
16	0.00
16.5	0.00
17	0.00
17.5	0.00
18	0.00
18.5	0.00
19	0.00
19.5	0.00
20	0.00
20.5	0.00
21	0.00
21.5	0.00
22	0.00
22.5	0.00
23	0.00
23.5	0.00
24	0.00
24.5	0.00

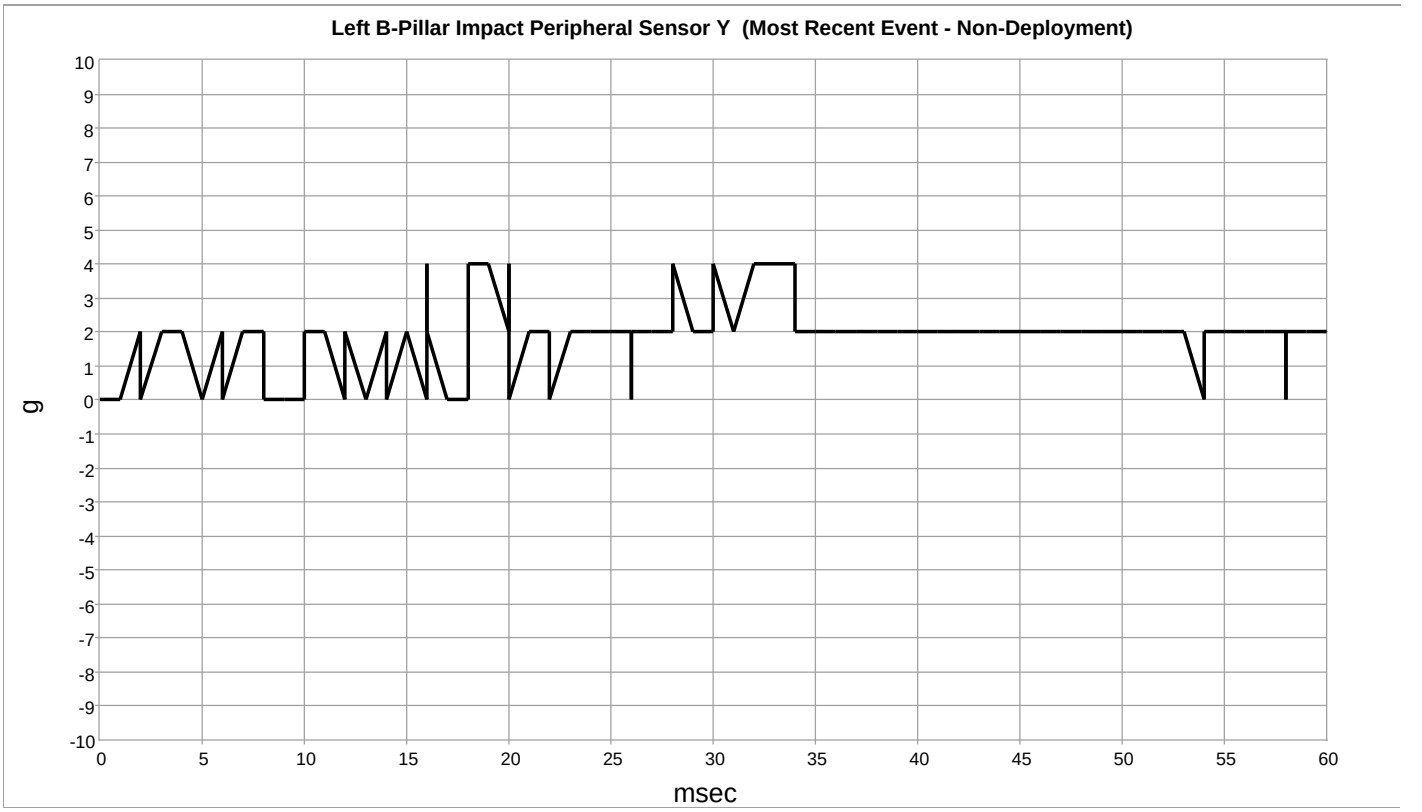
Time (msec)	Left Door Satellite Pressure Sensor (mBar)
25	0.00
25.5	0.00
26	0.00
26.5	0.00
27	0.00
27.5	0.00
28	0.00
28.5	0.00
29	0.00
29.5	0.00
30	0.00
30.5	0.00
31	0.00
31.5	-0.78
32	-0.78
32.5	-0.78
33	0.00
33.5	0.00
34	0.00
34.5	0.00
35	0.00
35.5	0.00
36	-0.78
36.5	0.00
37	0.00
37.5	0.00
38	0.00
38.5	0.00
39	0.00
39.5	0.00
40	0.00
40.5	0.00
41	0.00
41.5	0.00
42	0.00
42.5	0.00
43	0.00
43.5	0.00
44	0.00
44.5	0.00
45	0.00
45.5	0.00
46	0.00
46.5	0.00
47	0.00
47.5	0.00
48	0.00
48.5	0.00
49	0.00
49.5	0.00

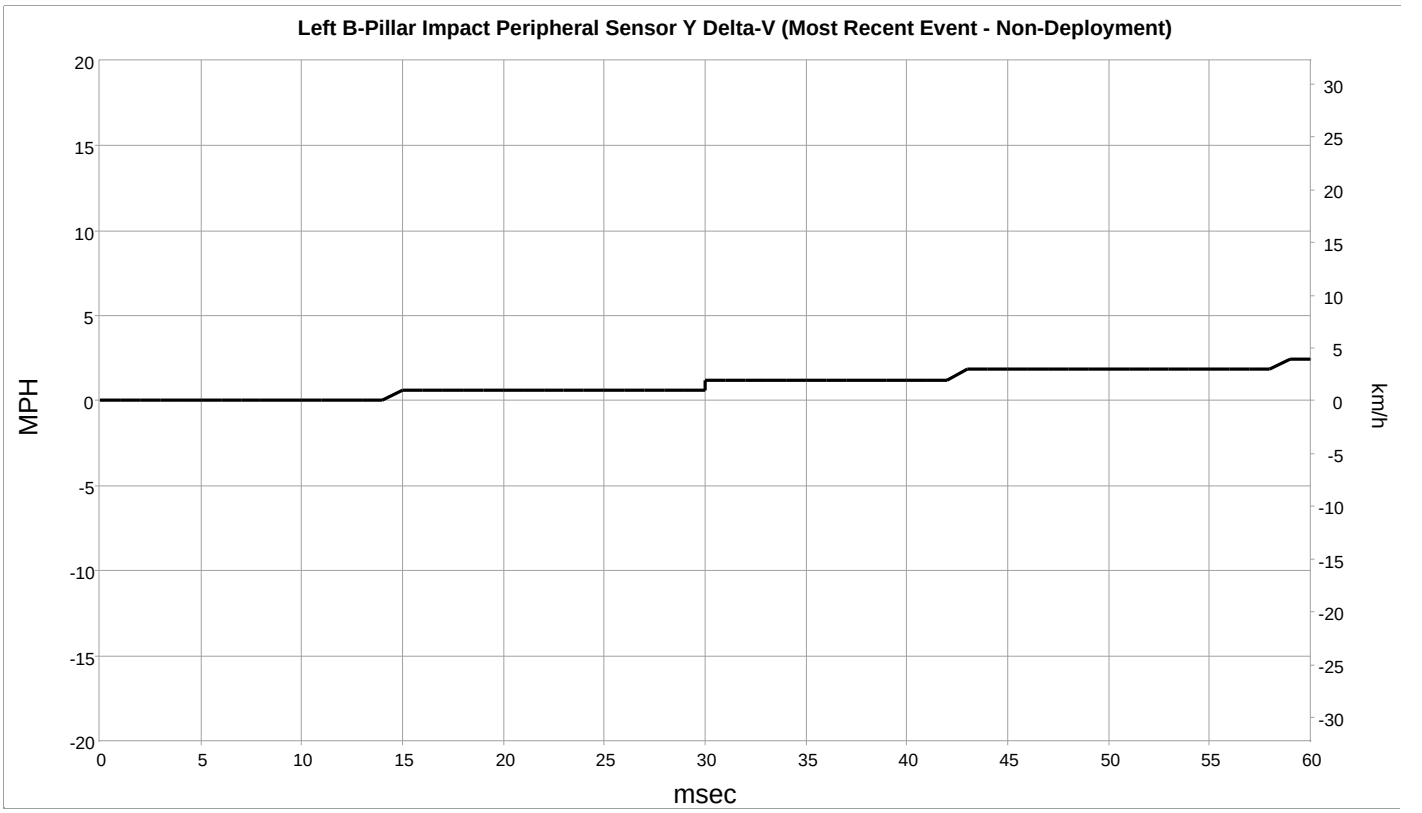
Time (msec)	Left Door Satellite Pressure Sensor (mBar)
50	0.00
50.5	0.00
51	0.00
51.5	0.00
52	0.00
52.5	0.00
53	0.00
53.5	0.00
54	0.00
54.5	0.00
55	0.00
55.5	0.00
56	0.00
56.5	0.00
57	0.00
57.5	0.00
58	0.00
58.5	0.00
59	0.00
59.5	0.00


Right Door Satellite Pressure Sensor (Most Recent Event - Non-Deployment)
150
125
100
75
50
25
0
-25
-50
-75
-100
-125
-150
mBar
0
5
10
15
20
25
30
35
40
45
50
55
60
msec

Right Door Satellite Pressure Sensor (Most Recent Event - Non-Deployment)

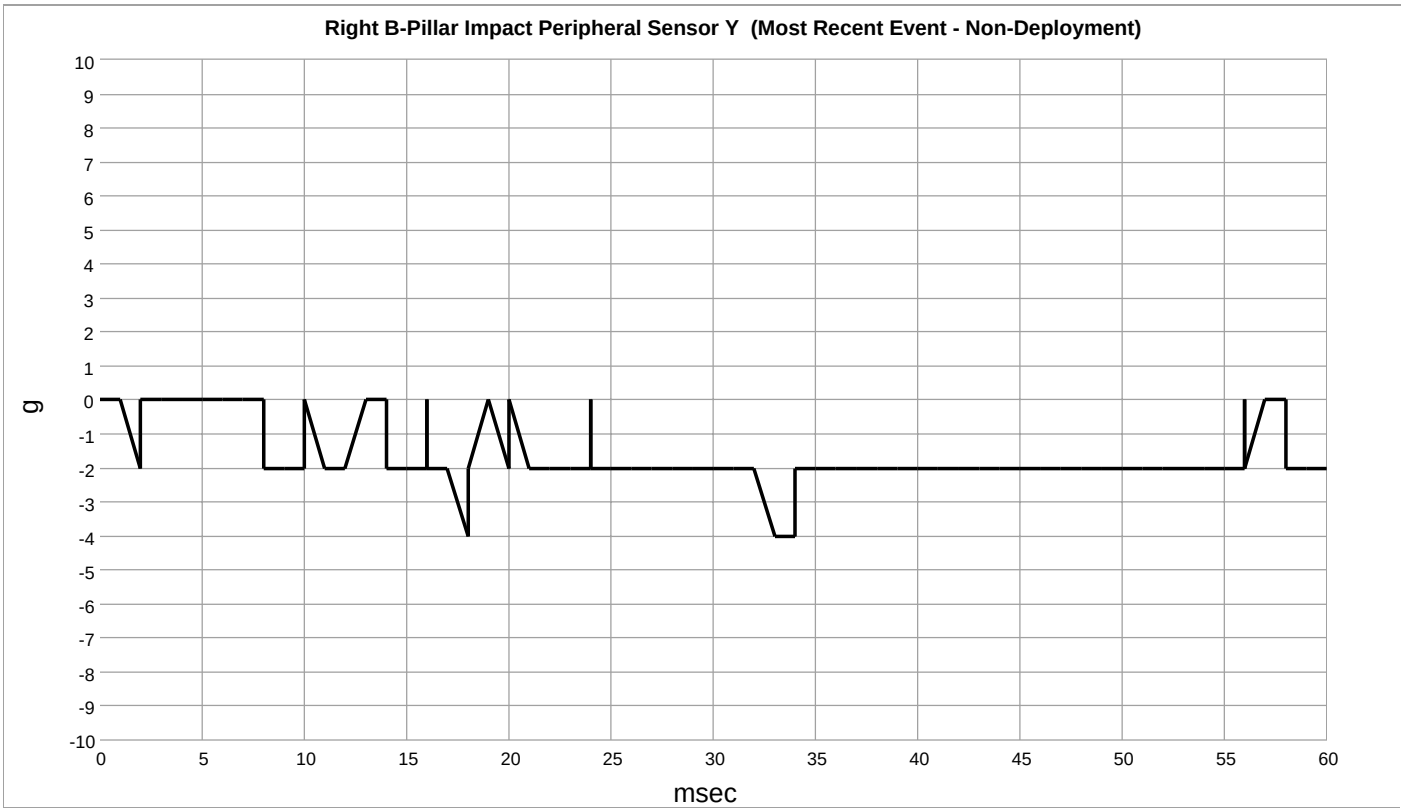
Time (msec)	Right Door Satellite Pressure Sensor (mBar)
0	0.00
0.5	0.00
1	0.00
1.5	0.00
2	0.00
2.5	0.00
3	0.00
3.5	0.00
4	0.00
4.5	0.00
5	0.00
5.5	0.00
6	0.00
6.5	0.00
7	0.00
7.5	0.00
8	0.00
8.5	0.00
9	0.00
9.5	0.00
10	0.00
10.5	0.00
11	0.00
11.5	0.00
12	0.00
12.5	0.00
13	0.00
13.5	0.00
14	0.00
14.5	0.00
15	0.00
15.5	0.00
16	0.00
16.5	0.00
17	0.00
17.5	0.00
18	0.00
18.5	0.00
19	0.00
19.5	0.00
20	0.00
20.5	0.00
21	0.00
21.5	0.00
22	0.00
22.5	0.00
23	0.00
23.5	0.00
24	0.00
24.5	0.00
25	0.00
25.5	0.00
26	0.00
26.5	0.00
27	0.00
27.5	0.00
28	0.00
28.5	0.00
29	0.00
29.5	0.00
30	0.00
30.5	0.00
31	0.00
31.5	0.00
32	0.00
32.5	0.00
33	0.00
33.5	0.00
34	0.00
34.5	0.00
35	0.00
35.5	0.00
36	0.00
36.5	0.00
37	0.00
37.5	0.00
38	0.00
38.5	0.00
39	0.00
39.5	0.00
40	0.00
40.5	0.00
41	0.00
41.5	0.00
42	0.00
42.5	0.00
43	0.00
43.5	0.00
44	0.00
44.5	0.00
45	0.00
45.5	0.00
46	0.00
46.5	0.00
47	0.00
47.5	0.00
48	0.00
48.5	0.00
49	0.00
49.5	0.00
50	0.00
50.5	0.00
51	0.00
51.5	0.00
52	0.00
52.5	0.00
53	0.00
53.5	0.00
54	0.00
54.5	0.00
55	0.00
55.5	0.00
56	0.00
56.5	0.00
57	0.00
57.5	0.00
58	0.00
58.5	0.00
59	0.00
59.5	0.00

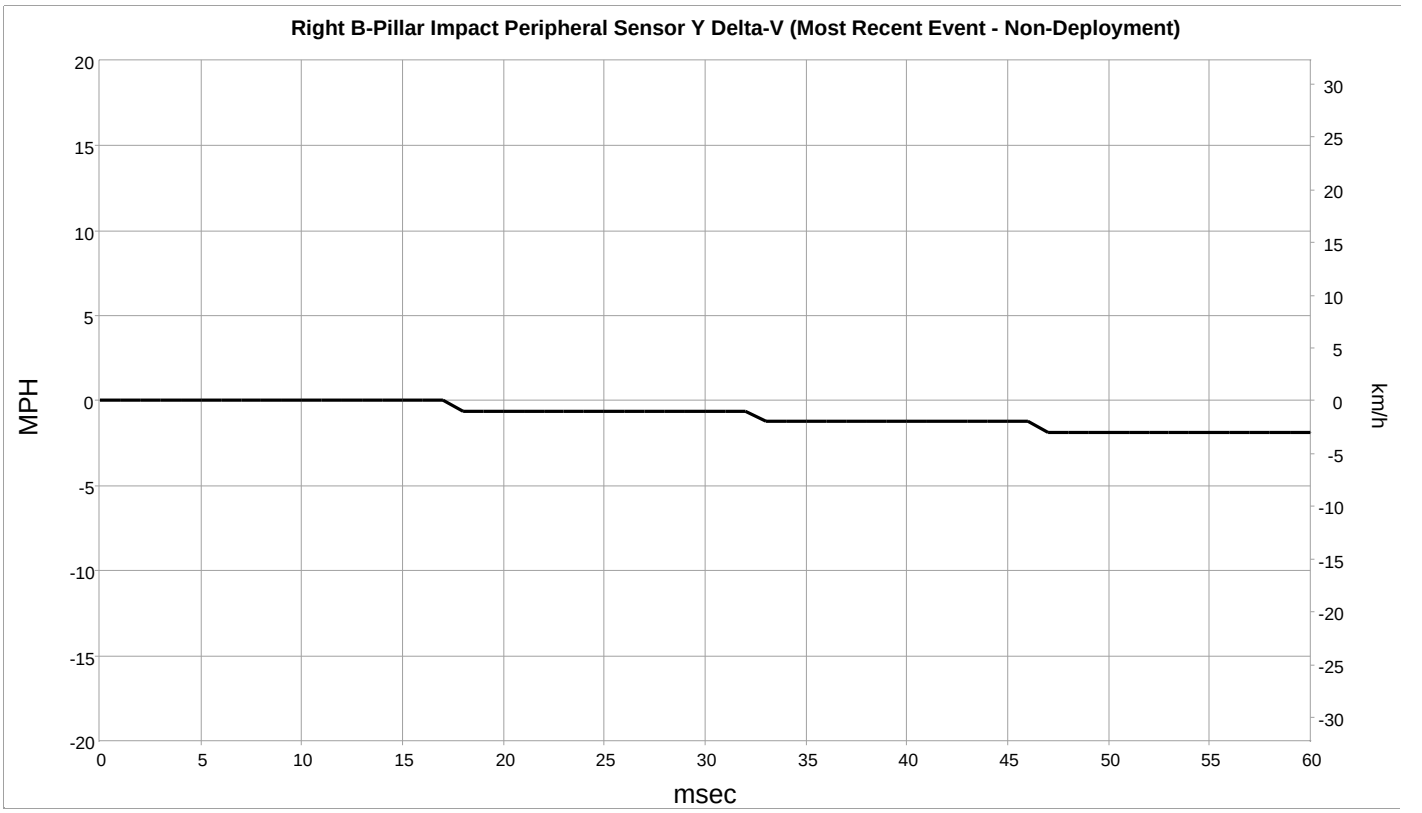

Left B-Pillar Impact Peripheral Sensor Y (Most Recent Event - Non-Deployment)
g
msec


Left B-Pillar Impact Peripheral Sensor Y Delta-V (Most Recent Event - Non-Deployment)
MPH
km/h
msec

Left B-Pillar Impact Peripheral Sensor Y (Most Recent Event - Non-Deployment)

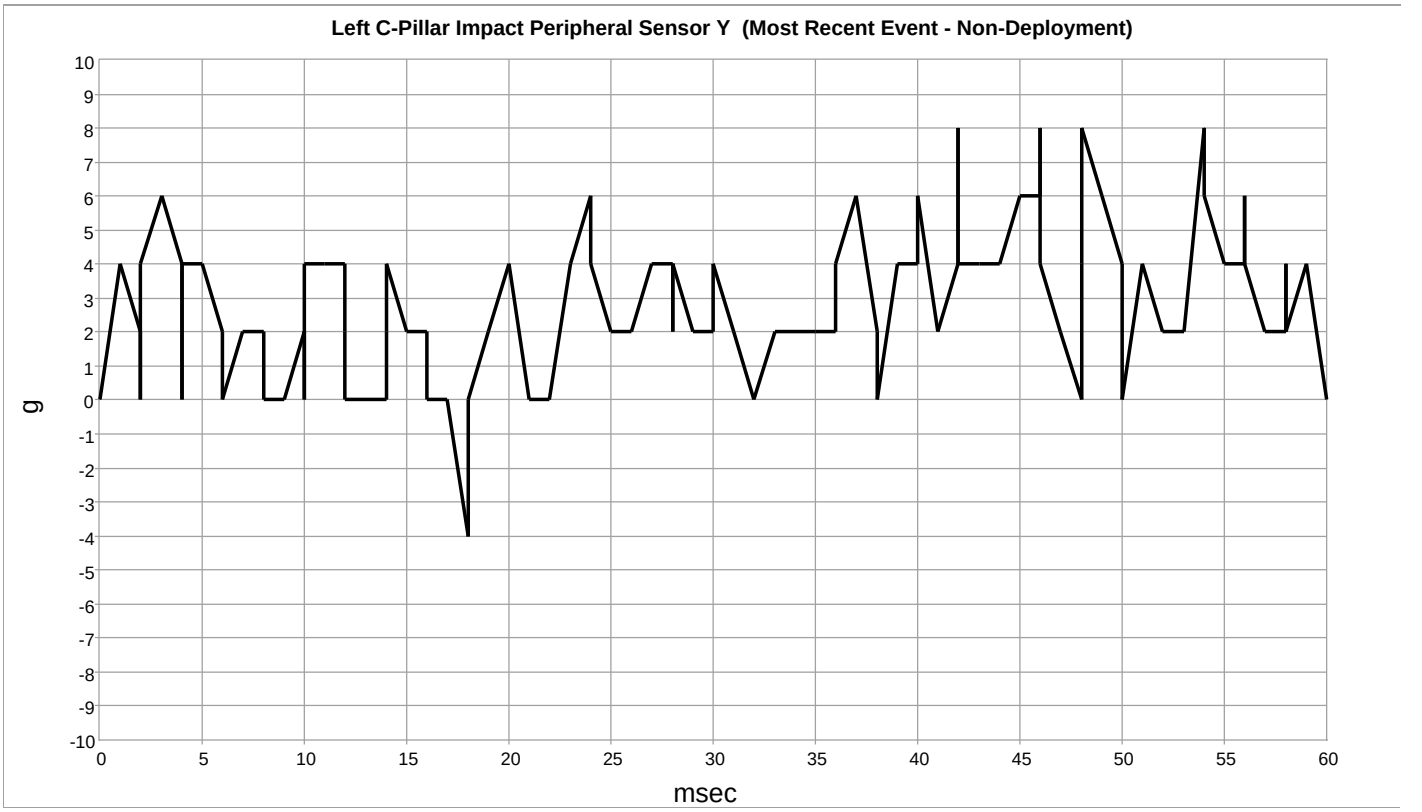
Time (msec)	Left B-Pillar Impact Peripheral Sensor Y (g)	Left B-Pillar Impact Peripheral Sensor Y Delta-V (MPH [km/h])
0	0.000	0 [0]
0.5	0.000	0 [0]
1	0.000	0 [0]
1.5	2.000	0 [0]
2	0.000	0 [0]
2.5	0.000	0 [0]
3	2.000	0 [0]
3.5	2.000	0 [0]
4	2.000	0 [0]
4.5	2.000	0 [0]
5	0.000	0 [0]
5.5	2.000	0 [0]
6	0.000	0 [0]
6.5	0.000	0 [0]
7	2.000	0 [0]
7.5	2.000	0 [0]
8	2.000	0 [0]
8.5	0.000	0 [0]
9	0.000	0 [0]
9.5	0.000	0 [0]
10	2.000	0 [0]
10.5	2.000	0 [0]
11	2.000	0 [0]
11.5	0.000	0 [0]
12	2.000	0 [0]
12.5	2.000	0 [0]
13	0.000	0 [0]
13.5	2.000	0 [0]
14	0.000	0 [0]
14.5	0.000	0 [0]
15	2.000	1 [1]
15.5	0.000	1 [1]
16	4.000	1 [1]
16.5	2.000	1 [1]
17	0.000	1 [1]
17.5	0.000	1 [1]
18	0.000	1 [1]
18.5	4.000	1 [1]
19	4.000	1 [1]
19.5	2.000	1 [1]
20	4.000	1 [1]
20.5	0.000	1 [1]
21	2.000	1 [1]
21.5	2.000	1 [1]
22	0.000	1 [1]
22.5	0.000	1 [1]
23	2.000	1 [1]
23.5	2.000	1 [1]
24	2.000	1 [1]
24.5	2.000	1 [1]
25	2.000	1 [1]
25.5	2.000	1 [1]
26	0.000	1 [1]
26.5	2.000	1 [1]
27	2.000	1 [1]
27.5	2.000	1 [1]
28	4.000	1 [1]
28.5	4.000	1 [1]
29	2.000	1 [1]
29.5	2.000	1 [1]
30	2.000	1 [1]
30.5	4.000	1 [2]
31	2.000	1 [2]
31.5	4.000	1 [2]
32	4.000	1 [2]
32.5	4.000	1 [2]
33	4.000	1 [2]
33.5	4.000	1 [2]
34	2.000	1 [2]
34.5	2.000	1 [2]
35	2.000	1 [2]
35.5	2.000	1 [2]
36	2.000	1 [2]
36.5	2.000	1 [2]
37	2.000	1 [2]
37.5	2.000	1 [2]
38	2.000	1 [2]
38.5	2.000	1 [2]
39	2.000	1 [2]
39.5	2.000	1 [2]
40	2.000	1 [2]
40.5	2.000	1 [2]
41	2.000	1 [2]
41.5	2.000	1 [2]
42	2.000	1 [2]
42.5	2.000	1 [2]
43	2.000	2 [3]
43.5	2.000	2 [3]
44	2.000	2 [3]
44.5	2.000	2 [3]
45	2.000	2 [3]
45.5	2.000	2 [3]
46	2.000	2 [3]
46.5	2.000	2 [3]
47	2.000	2 [3]
47.5	2.000	2 [3]
48	2.000	2 [3]
48.5	2.000	2 [3]
49	2.000	2 [3]
49.5	2.000	2 [3]
50	2.000	2 [3]
50.5	2.000	2 [3]
51	2.000	2 [3]
51.5	2.000	2 [3]
52	2.000	2 [3]
52.5	2.000	2 [3]
53	2.000	2 [3]
53.5	0.000	2 [3]
54	2.000	2 [3]
54.5	2.000	2 [3]
55	2.000	2 [3]
55.5	2.000	2 [3]
56	2.000	2 [3]
56.5	2.000	2 [3]
57	2.000	2 [3]
57.5	2.000	2 [3]
58	0.000	2 [3]
58.5	2.000	2 [3]
59	2.000	2 [4]
59.5	2.000	2 [4]

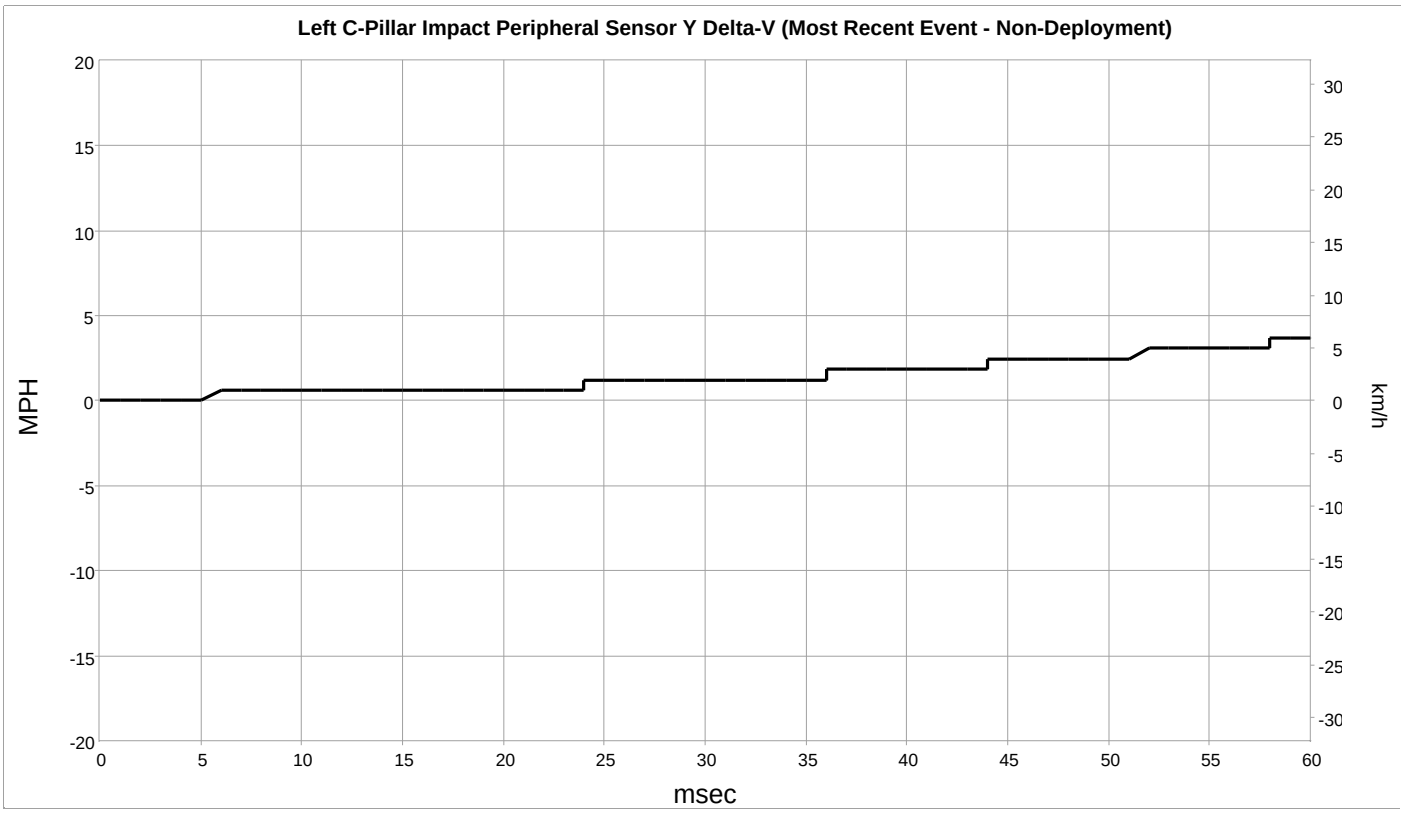

Right B-Pillar Impact Peripheral Sensor Y (Most Recent Event - Non-Deployment)
g
msec
10
9
8
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
0
5
10
15
20
25
30
35
40
45
50
55
60


Right B-Pillar Impact Peripheral Sensor Y Delta-V (Most Recent Event - Non-Deployment)
MPH
km/h
msec
20
15
10
5
0
-5
-10
-15
-20
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60

Right B-Pillar Impact Peripheral Sensor Y (Most Recent Event - Non-Deployment)

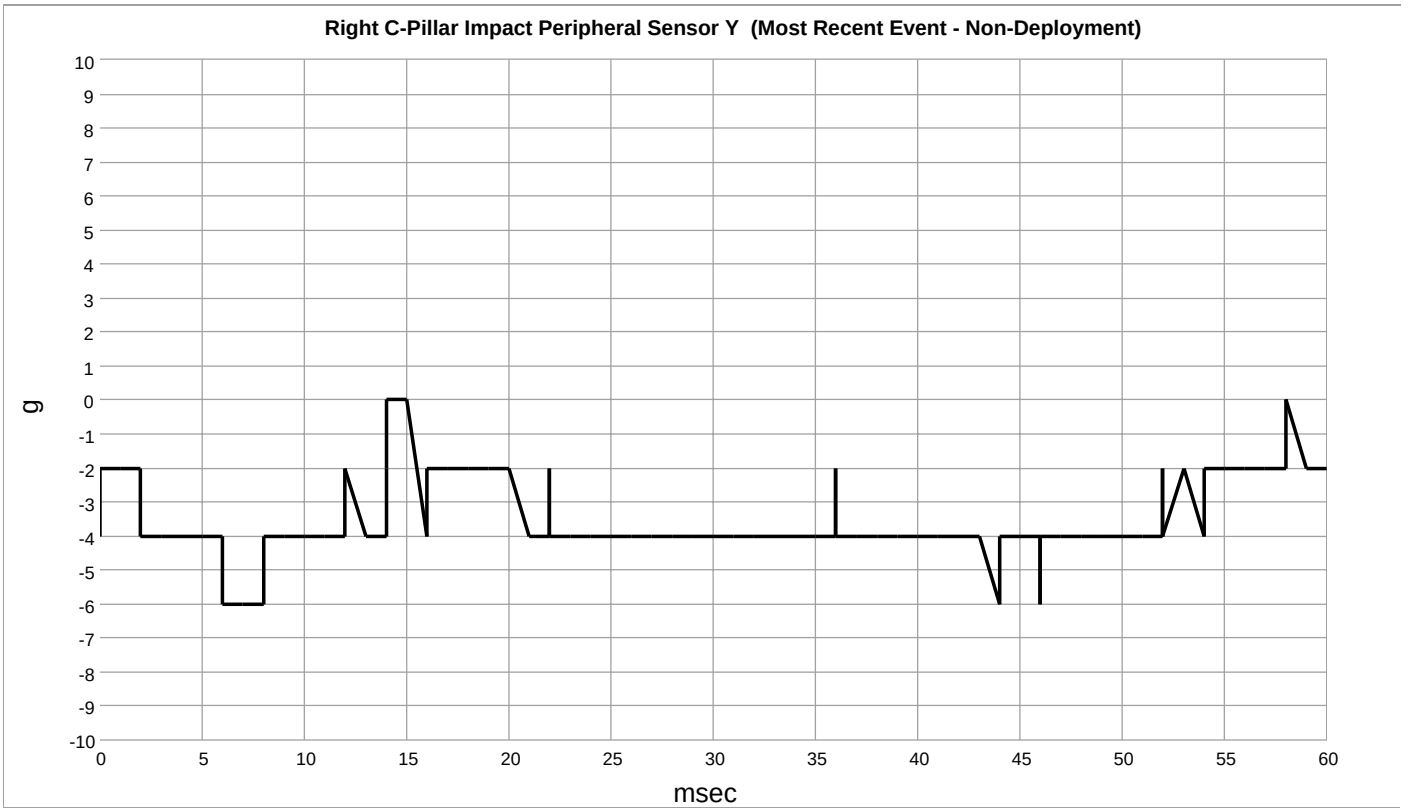
Time (msec)	Right B-Pillar Impact Peripheral Sensor Y (g)	Right B-Pillar Impact Peripheral Sensor Y Delta-V (MPH
0	0.000	0 [0]
0.5	0.000	0 [0]
1	0.000	0 [0]
1.5	-2.000	0 [0]
2	0.000	0 [0]
2.5	0.000	0 [0]
3	0.000	0 [0]
3.5	0.000	0 [0]
4	0.000	0 [0]
4.5	0.000	0 [0]
5	0.000	0 [0]
5.5	0.000	0 [0]
6	0.000	0 [0]
6.5	0.000	0 [0]
7	0.000	0 [0]
7.5	0.000	0 [0]
8	-2.000	0 [0]
8.5	-2.000	0 [0]
9	-2.000	0 [0]
9.5	-2.000	0 [0]
10	0.000	0 [0]
10.5	0.000	0 [0]
11	-2.000	0 [0]
11.5	-2.000	0 [0]
12	-2.000	0 [0]
12.5	-2.000	0 [0]
13	0.000	0 [0]
13.5	0.000	0 [0]
14	-2.000	0 [0]
14.5	-2.000	0 [0]
15	-2.000	0 [0]
15.5	-2.000	0 [0]
16	0.000	0 [0]
16.5	-2.000	0 [0]
17	-2.000	0 [0]
17.5	-4.000	-1 [-1]
18	-2.000	-1 [-1]
18.5	-2.000	-1 [-1]
19	0.000	-1 [-1]
19.5	-2.000	-1 [-1]
20	-2.000	-1 [-1]
20.5	0.000	-1 [-1]
21	-2.000	-1 [-1]
21.5	-2.000	-1 [-1]
22	-2.000	-1 [-1]
22.5	-2.000	-1 [-1]
23	-2.000	-1 [-1]
23.5	-2.000	-1 [-1]
24	0.000	-1 [-1]
24.5	-2.000	-1 [-1]
25	-2.000	-1 [-1]
25.5	-2.000	-1 [-1]
26	-2.000	-1 [-1]
26.5	-2.000	-1 [-1]
27	-2.000	-1 [-1]
27.5	-2.000	-1 [-1]
28	-2.000	-1 [-1]
28.5	-2.000	-1 [-1]
29	-2.000	-1 [-1]
29.5	-2.000	-1 [-1]
30	-2.000	-1 [-1]
30.5	-2.000	-1 [-1]
31	-2.000	-1 [-1]
31.5	-2.000	-1 [-1]
32	-2.000	-1 [-1]
32.5	-2.000	-1 [-1]
33	-4.000	-1 [-2]
33.5	-4.000	-1 [-2]
34	-4.000	-1 [-2]
34.5	-2.000	-1 [-2]
35	-2.000	-1 [-2]
35.5	-2.000	-1 [-2]
36	-2.000	-1 [-2]
36.5	-2.000	-1 [-2]
37	-2.000	-1 [-2]
37.5	-2.000	-1 [-2]
38	-2.000	-1 [-2]
38.5	-2.000	-1 [-2]
39	-2.000	-1 [-2]
39.5	-2.000	-1 [-2]
40	-2.000	-1 [-2]
40.5	-2.000	-1 [-2]
41	-2.000	-1 [-2]
41.5	-2.000	-1 [-2]
42	-2.000	-1 [-2]
42.5	-2.000	-1 [-2]
43	-2.000	-1 [-2]
43.5	-2.000	-1 [-2]
44	-2.000	-1 [-2]
44.5	-2.000	-1 [-2]
45	-2.000	-1 [-2]
45.5	-2.000	-1 [-2]
46	-2.000	-1 [-2]
46.5	-2.000	-1 [-2]
47	-2.000	-2 [-3]
47.5	-2.000	-2 [-3]
48	-2.000	-2 [-3]
48.5	-2.000	-2 [-3]
49	-2.000	-2 [-3]
49.5	-2.000	-2 [-3]
50	-2.000	-2 [-3]
50.5	-2.000	-2 [-3]
51	-2.000	-2 [-3]
51.5	-2.000	-2 [-3]
52	-2.000	-2 [-3]
52.5	-2.000	-2 [-3]
53	-2.000	-2 [-3]
53.5	-2.000	-2 [-3]
54	-2.000	-2 [-3]
54.5	-2.000	-2 [-3]
55	-2.000	-2 [-3]
55.5	-2.000	-2 [-3]
56	0.000	-2 [-3]
56.5	-2.000	-2 [-3]
57	0.000	-2 [-3]
57.5	0.000	-2 [-3]
58	-2.000	-2 [-3]
58.5	-2.000	-2 [-3]
59	-2.000	-2 [-3]
59.5	-2.000	-2 [-3]

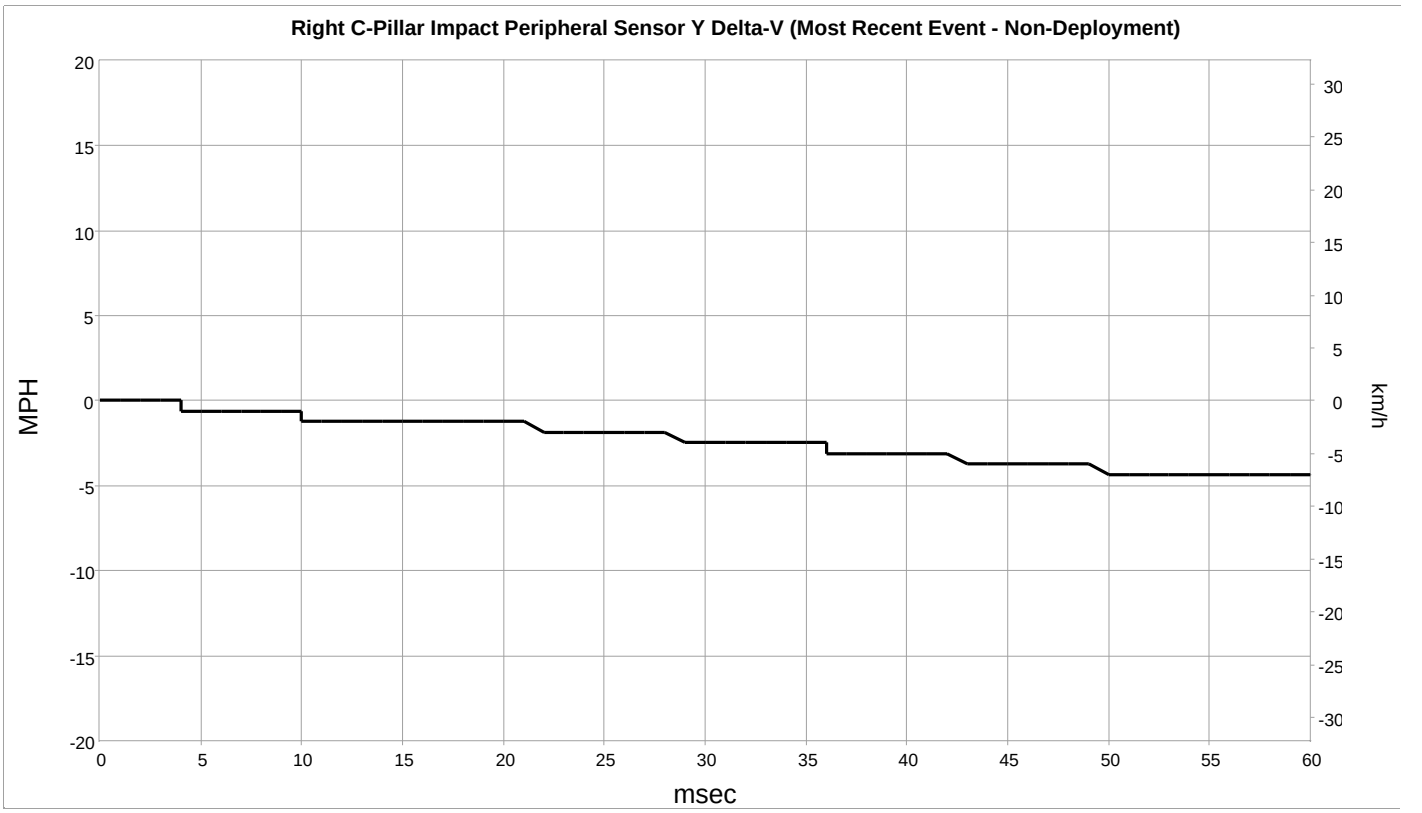

Left C-Pillar Impact Peripheral Sensor Y (Most Recent Event - Non-Deployment)
g
msec
10
9
8
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
0
5
10
15
20
25
30
35
40
45
50
55
60


Left C-Pillar Impact Peripheral Sensor Y Delta-V (Most Recent Event - Non-Deployment)
MPH
km/h
msec
20
15
10
5
0
-5
-10
-15
-20
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60

Left C-Pillar Impact Peripheral Sensor Y (Most Recent Event - Non-Deployment)

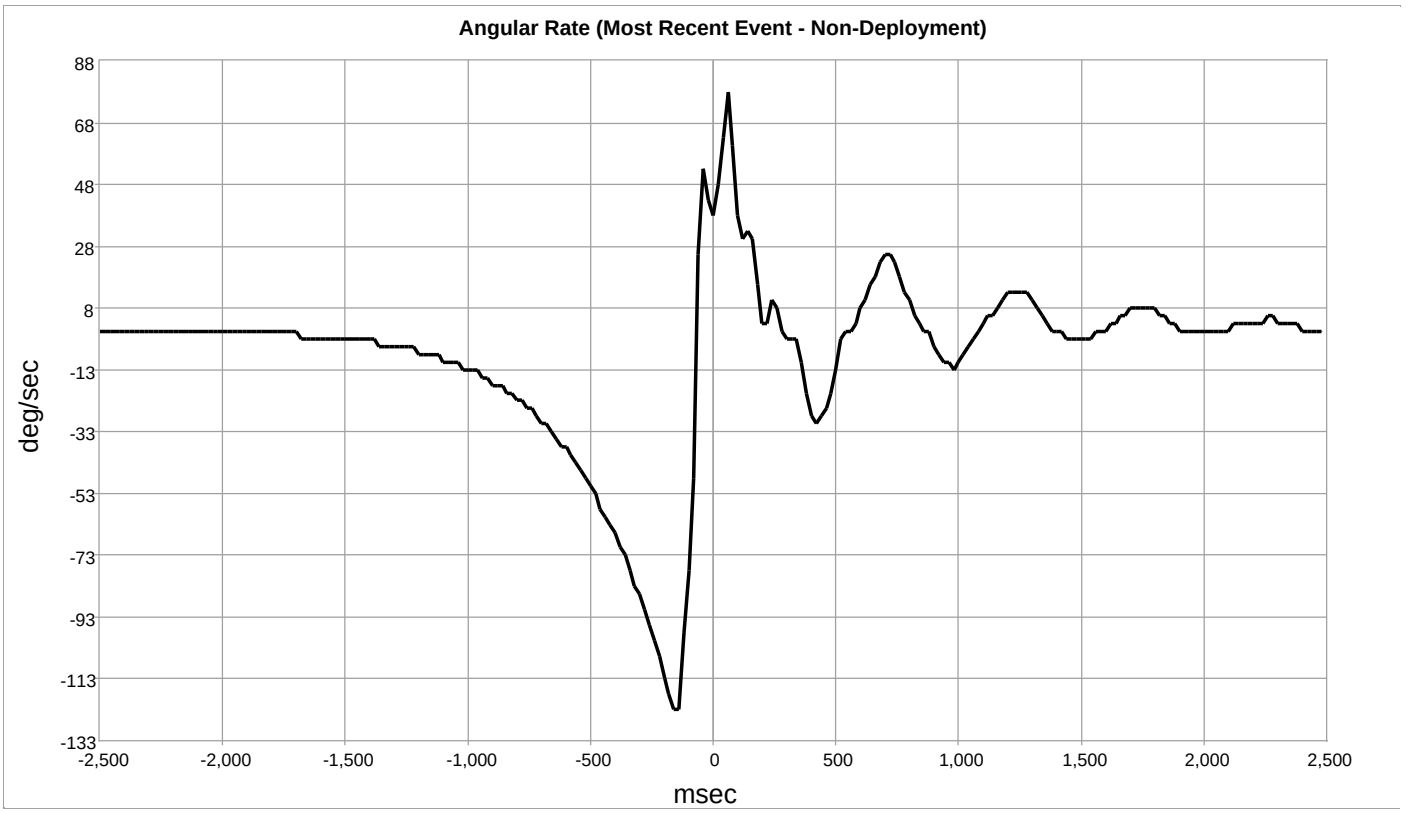
Time (msec)	Left C-Pillar Impact Peripheral Sensor Y (g)	Left C-Pillar Impact Peripheral Sensor Y Delta-V (MPH [km/h])
0	0.000	0 [0]
0.5	0.000	0 [0]
1	4.000	0 [0]
1.5	2.000	0 [0]
2	0.000	0 [0]
2.5	4.000	0 [0]
3	6.000	0 [0]
3.5	4.000	0 [0]
4	0.000	0 [0]
4.5	4.000	0 [0]
5	4.000	0 [0]
5.5	2.000	1 [1]
6	2.000	1 [1]
6.5	0.000	1 [1]
7	2.000	1 [1]
7.5	2.000	1 [1]
8	0.000	1 [1]
8.5	0.000	1 [1]
9	0.000	1 [1]
9.5	2.000	1 [1]
10	0.000	1 [1]
10.5	4.000	1 [1]
11	4.000	1 [1]
11.5	4.000	1 [1]
12	2.000	1 [1]
12.5	0.000	1 [1]
13	0.000	1 [1]
13.5	0.000	1 [1]
14	2.000	1 [1]
14.5	4.000	1 [1]
15	2.000	1 [1]
15.5	2.000	1 [1]
16	0.000	1 [1]
16.5	0.000	1 [1]
17	0.000	1 [1]
17.5	-4.000	1 [1]
18	0.000	1 [1]
18.5	0.000	1 [1]
19	2.000	1 [1]
19.5	4.000	1 [1]
20	4.000	1 [1]
20.5	4.000	1 [1]
21	0.000	1 [1]
21.5	0.000	1 [1]
22	0.000	1 [1]
22.5	0.000	1 [1]
23	4.000	1 [1]
23.5	6.000	1 [1]
24	4.000	1 [2]
24.5	4.000	1 [2]
25	2.000	1 [2]
25.5	2.000	1 [2]
26	2.000	1 [2]
26.5	2.000	1 [2]
27	4.000	1 [2]
27.5	4.000	1 [2]
28	2.000	1 [2]
28.5	4.000	1 [2]
29	2.000	1 [2]
29.5	2.000	1 [2]
30	2.000	1 [2]
30.5	4.000	1 [2]
31	2.000	1 [2]
31.5	0.000	1 [2]
32	0.000	1 [2]
32.5	0.000	1 [2]
33	2.000	1 [2]
33.5	2.000	1 [2]
34	2.000	1 [2]
34.5	2.000	1 [2]
35	2.000	1 [2]
35.5	2.000	1 [2]
36	2.000	1 [2]
36.5	4.000	2 [3]
37	6.000	2 [3]
37.5	2.000	2 [3]
38	0.000	2 [3]
38.5	0.000	2 [3]
39	4.000	2 [3]
39.5	4.000	2 [3]
40	4.000	2 [3]
40.5	6.000	2 [3]
41	2.000	2 [3]
41.5	4.000	2 [3]
42	8.000	2 [3]
42.5	4.000	2 [3]
43	4.000	2 [3]
43.5	4.000	2 [3]
44	4.000	2 [3]
44.5	4.000	2 [4]
45	6.000	2 [4]
45.5	6.000	2 [4]
46	8.000	2 [4]
46.5	4.000	2 [4]
47	2.000	2 [4]
47.5	0.000	2 [4]
48	4.000	2 [4]
48.5	8.000	2 [4]
49	6.000	2 [4]
49.5	4.000	2 [4]
50	0.000	2 [4]
50.5	0.000	2 [4]
51	4.000	2 [4]
51.5	2.000	3 [5]
52	2.000	3 [5]
52.5	2.000	3 [5]
53	2.000	3 [5]
53.5	8.000	3 [5]
54	8.000	3 [5]
54.5	6.000	3 [5]
55	4.000	3 [5]
55.5	4.000	3 [5]
56	6.000	3 [5]
56.5	4.000	3 [5]
57	2.000	3 [5]
57.5	2.000	3 [5]
58	4.000	3 [5]
58.5	2.000	4 [6]
59	4.000	4 [6]
59.5	0.000	4 [6]


Right C-Pillar Impact Peripheral Sensor Y (Most Recent Event - Non-Deployment)
g
msec
10
9
8
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
0
5
10
15
20
25
30
35
40
45
50
55
60


Right C-Pillar Impact Peripheral Sensor Y Delta-V (Most Recent Event - Non-Deployment)
MPH
km/h
msec
20
15
10
5
0
-5
-10
-15
-20
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60

Right C-Pillar Impact Peripheral Sensor Y (Most Recent Event - Non-Deployment)

Time (msec)	Right C-Pillar Impact Peripheral Sensor Y (g)	Right C-Pillar Impact Peripheral Sensor Y Delta-V (MPH
0	-4.000	0 [0]
0.5	-2.000	0 [0]
1	-2.000	0 [0]
1.5	-2.000	0 [0]
2	-4.000	0 [0]
2.5	-4.000	0 [0]
3	-4.000	0 [0]
3.5	-4.000	0 [0]
4	-4.000	-1 [-1]
4.5	-4.000	-1 [-1]
5	-4.000	-1 [-1]
5.5	-4.000	-1 [-1]
6	-4.000	-1 [-1]
6.5	-6.000	-1 [-1]
7	-6.000	-1 [-1]
7.5	-6.000	-1 [-1]
8	-4.000	-1 [-1]
8.5	-4.000	-1 [-1]
9	-4.000	-1 [-1]
9.5	-4.000	-1 [-1]
10	-4.000	-1 [-1]
10.5	-4.000	-1 [-2]
11	-4.000	-1 [-2]
11.5	-4.000	-1 [-2]
12	-2.000	-1 [-2]
12.5	-2.000	-1 [-2]
13	-4.000	-1 [-2]
13.5	-4.000	-1 [-2]
14	-2.000	-1 [-2]
14.5	0.000	-1 [-2]
15	0.000	-1 [-2]
15.5	-4.000	-1 [-2]
16	-4.000	-1 [-2]
16.5	-2.000	-1 [-2]
17	-2.000	-1 [-2]
17.5	-2.000	-1 [-2]
18	-2.000	-1 [-2]
18.5	-2.000	-1 [-2]
19	-2.000	-1 [-2]
19.5	-2.000	-1 [-2]
20	-2.000	-1 [-2]
20.5	-2.000	-1 [-2]
21	-4.000	-1 [-2]
21.5	-4.000	-2 [-3]
22	-2.000	-2 [-3]
22.5	-4.000	-2 [-3]
23	-4.000	-2 [-3]
23.5	-4.000	-2 [-3]
24	-4.000	-2 [-3]
24.5	-4.000	-2 [-3]
25	-4.000	-2 [-3]
25.5	-4.000	-2 [-3]
26	-4.000	-2 [-3]
26.5	-4.000	-2 [-3]
27	-4.000	-2 [-3]
27.5	-4.000	-2 [-3]
28	-4.000	-2 [-3]
28.5	-4.000	-2 [-3]
29	-4.000	-2 [-4]
29.5	-4.000	-2 [-4]
30	-4.000	-2 [-4]
30.5	-4.000	-2 [-4]
31	-4.000	-2 [-4]
31.5	-4.000	-2 [-4]
32	-4.000	-2 [-4]
32.5	-4.000	-2 [-4]
33	-4.000	-2 [-4]
33.5	-4.000	-2 [-4]
34	-4.000	-2 [-4]
34.5	-4.000	-2 [-4]
35	-4.000	-2 [-4]
35.5	-4.000	-2 [-4]
36	-2.000	-3 [-5]
36.5	-4.000	-3 [-5]
37	-4.000	-3 [-5]
37.5	-4.000	-3 [-5]
38	-4.000	-3 [-5]
38.5	-4.000	-3 [-5]
39	-4.000	-3 [-5]
39.5	-4.000	-3 [-5]
40	-4.000	-3 [-5]
40.5	-4.000	-3 [-5]
41	-4.000	-3 [-5]
41.5	-4.000	-3 [-5]
42	-4.000	-3 [-5]
42.5	-4.000	-3 [-5]
43	-4.000	-4 [-6]
43.5	-6.000	-4 [-6]
44	-4.000	-4 [-6]
44.5	-4.000	-4 [-6]
45	-4.000	-4 [-6]
45.5	-4.000	-4 [-6]
46	-6.000	-4 [-6]
46.5	-4.000	-4 [-6]
47	-4.000	-4 [-6]
47.5	-4.000	-4 [-6]
48	-4.000	-4 [-6]
48.5	-4.000	-4 [-6]
49	-4.000	-4 [-6]
49.5	-4.000	-4 [-7]
50	-4.000	-4 [-7]
50.5	-4.000	-4 [-7]
51	-4.000	-4 [-7]
51.5	-4.000	-4 [-7]
52	-2.000	-4 [-7]
52.5	-4.000	-4 [-7]
53	-2.000	-4 [-7]
53.5	-4.000	-4 [-7]
54	-4.000	-4 [-7]
54.5	-2.000	-4 [-7]
55	-2.000	-4 [-7]
55.5	-2.000	-4 [-7]
56	-2.000	-4 [-7]
56.5	-2.000	-4 [-7]
57	-2.000	-4 [-7]
57.5	-2.000	-4 [-7]
58	-2.000	-4 [-7]
58.5	0.000	-4 [-7]
59	-2.000	-4 [-7]
59.5	-2.000	-4 [-7]


Angular Rate (Most Recent Event - Non-Deployment)
88
68
48
28
8
-13
-33
-53
-73
-93
-113
-133
deg/sec
-2,500
-2,000
-1,500
-1,000
-500
0
500
1,000
1,500
2,000
2,500
msec

Angular Rate (Most Recent Event - Non-Deployment)

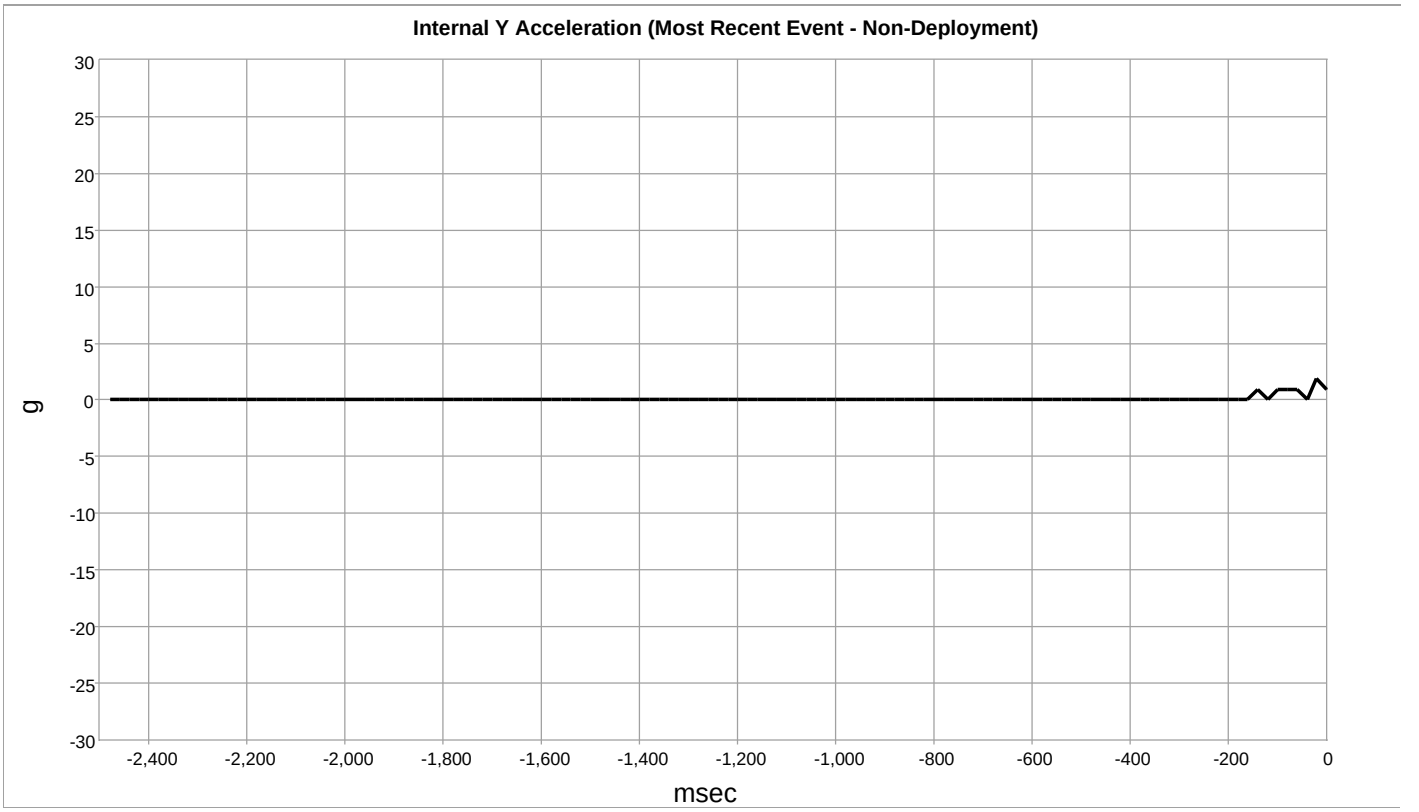
Time (msec)	Angular Rate (deg/sec)
-2500	0.0
-2480	0.0
-2460	0.0
-2440	0.0
-2420	0.0
-2400	0.0
-2380	0.0
-2360	0.0
-2340	0.0
-2320	0.0
-2300	0.0
-2280	0.0
-2260	0.0
-2240	0.0
-2220	0.0
-2200	0.0
-2180	0.0
-2160	0.0
-2140	0.0
-2120	0.0
-2100	0.0
-2080	0.0
-2060	0.0
-2040	0.0
-2020	0.0
-2000	0.0
-1980	0.0
-1960	0.0
-1940	0.0
-1920	0.0
-1900	0.0
-1880	0.0
-1860	0.0
-1840	0.0
-1820	0.0
-1800	0.0
-1780	0.0
-1760	0.0
-1740	0.0
-1720	0.0
-1700	0.0
-1680	-2.5
-1660	-2.5
-1640	-2.5
-1620	-2.5
-1600	-2.5
-1580	-2.5
-1560	-2.5
-1540	-2.5
-1520	-2.5

Time (msec)	Angular Rate (deg/sec)
-1500	-2.5
-1480	-2.5
-1460	-2.5
-1440	-2.5
-1420	-2.5
-1400	-2.5
-1380	-2.5
-1360	-5.0
-1340	-5.0
-1320	-5.0
-1300	-5.0
-1280	-5.0
-1260	-5.0
-1240	-5.0
-1220	-5.0
-1200	-7.5
-1180	-7.5
-1160	-7.5
-1140	-7.5
-1120	-7.5
-1100	-10.0
-1080	-10.0
-1060	-10.0
-1040	-10.0
-1020	-12.5
-1000	-12.5
-980	-12.5
-960	-12.5
-940	-15.0
-920	-15.0
-900	-17.5
-880	-17.5
-860	-17.5
-840	-20.0
-820	-20.0
-800	-22.5
-780	-22.5
-760	-25.0
-740	-25.0
-720	-27.5
-700	-30.0
-680	-30.0
-660	-32.5
-640	-35.0
-620	-37.5
-600	-37.5
-580	-40.0
-560	-42.5
-540	-45.0
-520	-47.5

Time (msec)	Angular Rate (deg/sec)
-500	-50.0
-480	-52.5
-460	-57.5
-440	-60.0
-420	-62.5
-400	-65.0
-380	-70.0
-360	-72.5
-340	-77.5
-320	-82.5
-300	-85.0
-280	-90.0
-260	-95.0
-240	-100.0
-220	-105.0
-200	-112.5
-180	-117.5
-160	-122.5
-140	-122.5
-120	-97.5
-100	-77.5
-80	-47.5
-60	25.0
-40	52.5
-20	42.5
0	37.5
20	47.5
40	62.5
60	77.5
80	60.0
100	37.5
120	30.0
140	32.5
160	30.0
180	15.0
200	2.5
220	2.5
240	10.0
260	7.5
280	0.0
300	-2.5
320	-2.5
340	-2.5
360	-10.0
380	-20.0
400	-27.5
420	-30.0
440	-27.5
460	-25.0
480	-20.0

Angular Rate (Most Recent Event - Non-Deployment)

Time (msec)	Angular Rate (deg/sec)	Time (msec)	Angular Rate (deg/sec)
500	-12.5	1500	-2.5
520	-2.5	1520	-2.5
540	0.0	1540	-2.5
560	0.0	1560	0.0
580	2.5	1580	0.0
600	7.5	1600	0.0
620	10.0	1620	2.5
640	15.0	1640	2.5
660	17.5	1660	5.0
680	22.5	1680	5.0
700	25.0	1700	7.5
720	25.0	1720	7.5
740	22.5	1740	7.5
760	17.5	1760	7.5
780	12.5	1780	7.5
800	10.0	1800	7.5
820	5.0	1820	5.0
840	2.5	1840	5.0
860	0.0	1860	2.5
880	0.0	1880	2.5
900	-5.0	1900	0.0
920	-7.5	1920	0.0
940	-10.0	1940	0.0
960	-10.0	1960	0.0
980	-12.5	1980	0.0
1000	-10.0	2000	0.0
1020	-7.5	2020	0.0
1040	-5.0	2040	0.0
1060	-2.5	2060	0.0
1080	0.0	2080	0.0
1100	2.5	2100	0.0
1120	5.0	2120	2.5
1140	5.0	2140	2.5
1160	7.5	2160	2.5
1180	10.0	2180	2.5
1200	12.5	2200	2.5
1220	12.5	2220	2.5
1240	12.5	2240	2.5
1260	12.5	2260	5.0
1280	12.5	2280	5.0
1300	10.0	2300	2.5
1320	7.5	2320	2.5
1340	5.0	2340	2.5
1360	2.5	2360	2.5
1380	0.0	2380	2.5
1400	0.0	2400	0.0
1420	0.0	2420	0.0
1440	-2.5	2440	0.0
1460	-2.5	2460	0.0
1480	-2.5	2480	0.0

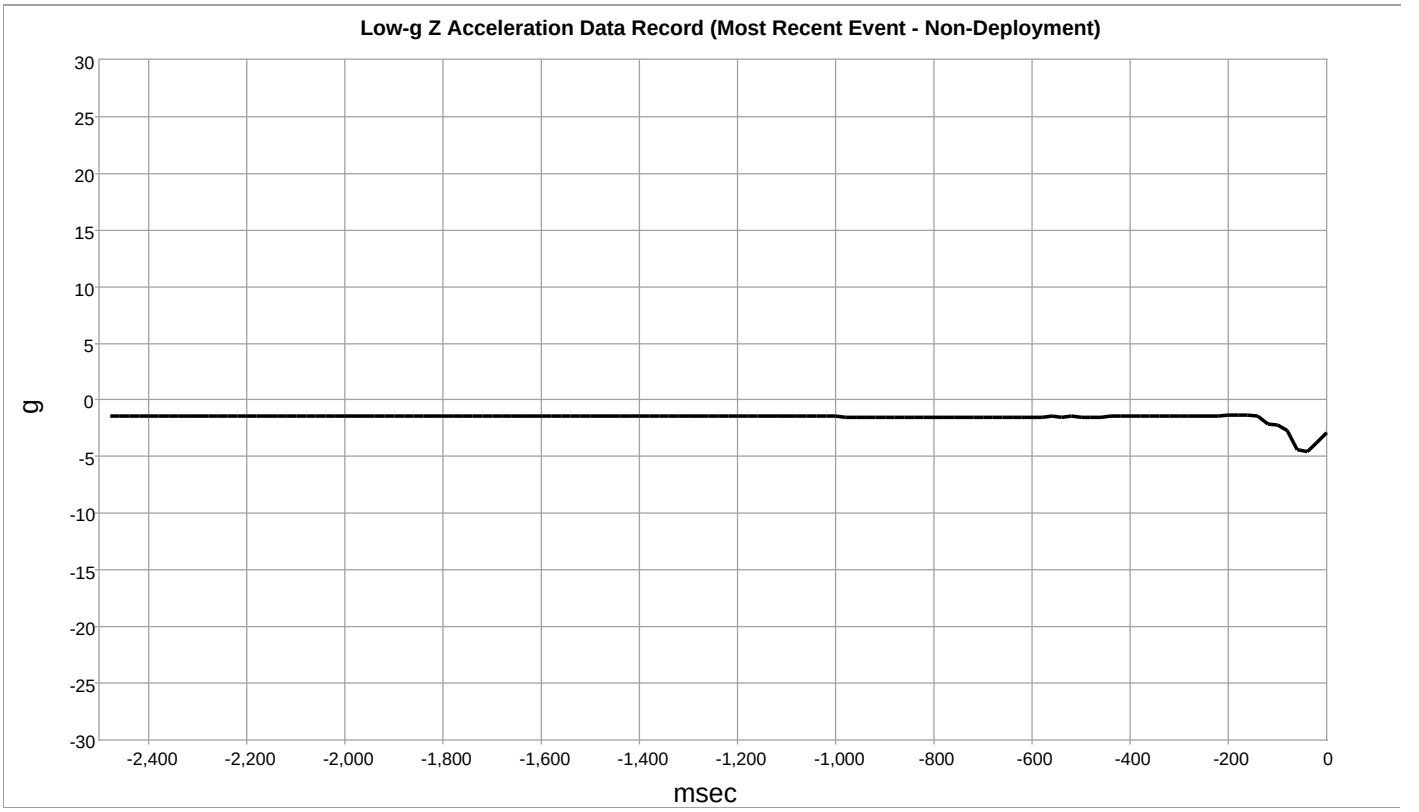

Internal Y Acceleration (Most Recent Event - Non-Deployment)
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
g
-2,400
-2,200
-2,000
-1,800
-1,600
-1,400
-1,200
-1,000
-800
-600
-400
-200
0
msec

Internal Y Acceleration (Most Recent Event - Non-Deployment)

Time (msec)	Internal Y Acceleration (g)
-2480	0.00000
-2460	0.00000
-2440	0.00000
-2420	0.00000
-2400	0.00000
-2380	0.00000
-2360	0.00000
-2340	0.00000
-2320	0.00000
-2300	0.00000
-2280	0.00000
-2260	0.00000
-2240	0.00000
-2220	0.00000
-2200	0.00000
-2180	0.00000
-2160	0.00000
-2140	0.00000
-2120	0.00000
-2100	0.00000
-2080	0.00000
-2060	0.00000
-2040	0.00000
-2020	0.00000
-2000	0.00000
-1980	0.00000
-1960	0.00000
-1940	0.00000
-1920	0.00000
-1900	0.00000
-1880	0.00000
-1860	0.00000
-1840	0.00000
-1820	0.00000
-1800	0.00000
-1780	0.00000
-1760	0.00000
-1740	0.00000
-1720	0.00000
-1700	0.00000
-1680	0.00000
-1660	0.00000
-1640	0.00000
-1620	0.00000
-1600	0.00000
-1580	0.00000
-1560	0.00000
-1540	0.00000
-1520	0.00000
-1500	0.00000

Time (msec)	Internal Y Acceleration (g)
-1480	0.00000
-1460	0.00000
-1440	0.00000
-1420	0.00000
-1400	0.00000
-1380	0.00000
-1360	0.00000
-1340	0.00000
-1320	0.00000
-1300	0.00000
-1280	0.00000
-1260	0.00000
-1240	0.00000
-1220	0.00000
-1200	0.00000
-1180	0.00000
-1160	0.00000
-1140	0.00000
-1120	0.00000
-1100	0.00000
-1080	0.00000
-1060	0.00000
-1040	0.00000
-1020	0.00000
-1000	0.00000
-980	0.00000
-960	0.00000
-940	0.00000
-920	0.00000
-900	0.00000
-880	0.00000
-860	0.00000
-840	0.00000
-820	0.00000
-800	0.00000
-780	0.00000
-760	0.00000
-740	0.00000
-720	0.00000
-700	0.00000
-680	0.00000
-660	0.00000
-640	0.00000
-620	0.00000
-600	0.00000
-580	0.00000
-560	0.00000
-540	0.00000
-520	0.00000
-500	0.00000

Time (msec)	Internal Y Acceleration (g)
-480	0.00000
-460	0.00000
-440	0.00000
-420	0.00000
-400	0.00000
-380	0.00000
-360	0.00000
-340	0.00000
-320	0.00000
-300	0.00000
-280	0.00000
-260	0.00000
-240	0.00000
-220	0.00000
-200	0.00000
-180	0.00000
-160	0.00000
-140	0.97656
-120	0.00000
-100	0.97656
-80	0.97656
-60	0.97656
-40	0.00000
-20	1.95312
0	0.97656


Low-g Z Acceleration Data Record (Most Recent Event - Non-Deployment)
g
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-2,400
-2,200
-2,000
-1,800
-1,600
-1,400
-1,200
-1,000
-800
-600
-400
-200
0
msec

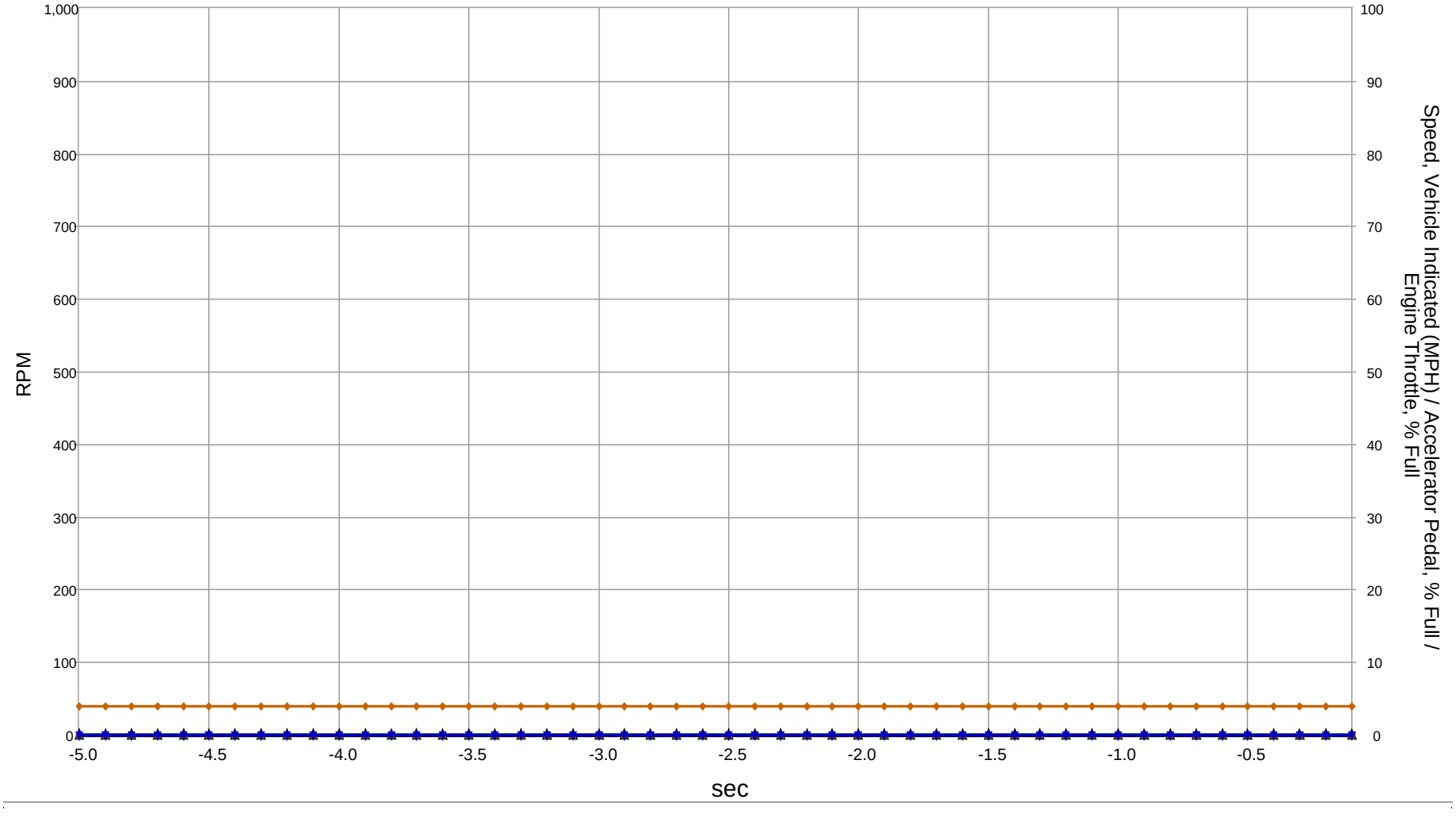
Low-g Z Acceleration Data Record (Most Recent Event - Non-Deployment)

Time (msec)	Low-g Z Acceleration Data Record (g)
-2480	-1.43733
-2460	-1.43733
-2440	-1.37487
-2420	-1.37487
-2400	-1.37487
-2380	-1.37487
-2360	-1.37487
-2340	-1.37487
-2320	-1.37487
-2300	-1.37487
-2280	-1.37487
-2260	-1.37487
-2240	-1.43733
-2220	-1.43733
-2200	-1.43733
-2180	-1.43733
-2160	-1.43733
-2140	-1.43733
-2120	-1.43733
-2100	-1.43733
-2080	-1.43733
-2060	-1.43733
-2040	-1.43733
-2020	-1.43733
-2000	-1.43733
-1980	-1.43733
-1960	-1.43733
-1940	-1.43733
-1920	-1.43733
-1900	-1.43733
-1880	-1.43733
-1860	-1.43733
-1840	-1.43733
-1820	-1.43733
-1800	-1.43733
-1780	-1.43733
-1760	-1.43733
-1740	-1.43733
-1720	-1.43733
-1700	-1.43733
-1680	-1.43733
-1660	-1.43733
-1640	-1.43733
-1620	-1.43733
-1600	-1.43733
-1580	-1.43733
-1560	-1.43733
-1540	-1.43733
-1520	-1.43733
-1500	-1.43733

Time (msec)	Low-g Z Acceleration Data Record (g)
-1480	-1.43733
-1460	-1.43733
-1440	-1.43733
-1420	-1.43733
-1400	-1.43733
-1380	-1.43733
-1360	-1.43733
-1340	-1.43733
-1320	-1.43733
-1300	-1.43733
-1280	-1.43733
-1260	-1.43733
-1240	-1.43733
-1220	-1.43733
-1200	-1.43733
-1180	-1.43733
-1160	-1.43733
-1140	-1.43733
-1120	-1.43733
-1100	-1.43733
-1080	-1.43733
-1060	-1.43733
-1040	-1.43733
-1020	-1.43733
-1000	-1.43733
-980	-1.49999
-960	-1.49999
-940	-1.49999
-920	-1.49999
-900	-1.49999
-880	-1.49999
-860	-1.49999
-840	-1.49999
-820	-1.49999
-800	-1.49999
-780	-1.49999
-760	-1.49999
-740	-1.49999
-720	-1.49999
-700	-1.49999
-680	-1.49999
-660	-1.49999
-640	-1.49999
-620	-1.49999
-600	-1.49999
-580	-1.49999
-560	-1.43733
-540	-1.49999
-520	-1.43733
-500	-1.49999

Time (msec)	Low-g Z Acceleration Data Record (g)
-480	-1.49999
-460	-1.49999
-440	-1.43733
-420	-1.43733
-400	-1.43733
-380	-1.43733
-360	-1.43733
-340	-1.43733
-320	-1.43733
-300	-1.43733
-280	-1.37487
-260	-1.37487
-240	-1.37487
-220	-1.37487
-200	-1.31242
-180	-1.31242
-160	-1.31242
-140	-1.37487
-120	-2.12498
-100	-2.24989
-80	-2.68729
-60	-4.37487
-40	-4.56245
-20	-3.81234
0	-2.87487

Pre-Crash Data -5 to 0 Sec



Pre-Crash Data -5 to 0 Sec (Part I - 100 msec) (Most Recent Event - Non-Deployment) - Table 1 of 2

Time (sec)	Pre-Crash Recorder Status	Speed, Vehicle Indicated (MPH [km/h])	Accelerator Pedal, % Full (%)	Engine Throttle, % Full (%)	Service Brake	Engine RPM (RPM)	ABS Activity	Stability Control
-5.0	Complete	0 [0]	0	4	Off	0	No	Partial Off
-4.9	Complete	0 [0]	0	4	Off	0	No	Partial Off
-4.8	Complete	0 [0]	0	4	Off	0	No	Partial Off
-4.7	Complete	0 [0]	0	4	Off	0	No	Partial Off
-4.6	Complete	0 [0]	0	4	Off	0	No	Partial Off
-4.5	Complete	0 [0]	0	4	Off	0	No	Partial Off
-4.4	Complete	0 [0]	0	4	Off	0	No	Partial Off
-4.3	Complete	0 [0]	0	4	Off	0	No	Partial Off
-4.2	Complete	0 [0]	0	4	Off	0	No	Partial Off
-4.1	Complete	0 [0]	0	4	Off	0	No	Partial Off
-4.0	Complete	0 [0]	0	4	Off	0	No	Partial Off
-3.9	Complete	0 [0]	0	4	Off	0	No	Partial Off
-3.8	Complete	0 [0]	0	4	Off	0	No	Partial Off
-3.7	Complete	0 [0]	0	4	Off	0	No	Partial Off
-3.6	Complete	0 [0]	0	4	Off	0	No	Partial Off
-3.5	Complete	0 [0]	0	4	Off	0	No	Partial Off
-3.4	Complete	0 [0]	0	4	Off	0	No	Partial Off
-3.3	Complete	0 [0]	0	4	Off	0	No	Partial Off
-3.2	Complete	0 [0]	0	4	Off	0	No	Partial Off
-3.1	Complete	0 [0]	0	4	Off	0	No	Partial Off
-3.0	Complete	0 [0]	0	4	Off	0	No	Partial Off
-2.9	Complete	0 [0]	0	4	Off	0	No	Partial Off
-2.8	Complete	0 [0]	0	4	Off	0	No	Partial Off
-2.7	Complete	0 [0]	0	4	Off	0	No	Partial Off
-2.6	Complete	0 [0]	0	4	Off	0	No	Partial Off
-2.5	Complete	0 [0]	0	4	Off	0	No	Partial Off
-2.4	Complete	0 [0]	0	4	Off	0	No	Partial Off
-2.3	Complete	0 [0]	0	4	Off	0	No	Partial Off
-2.2	Complete	0 [0]	0	4	Off	0	No	Partial Off
-2.1	Complete	0 [0]	0	4	Off	0	No	Partial Off
-2.0	Complete	0 [0]	0	4	Off	0	No	Partial Off
-1.9	Complete	0 [0]	0	4	Off	0	No	Partial Off
-1.8	Complete	0 [0]	0	4	Off	0	No	Partial Off
-1.7	Complete	0 [0]	0	4	Off	0	No	Partial Off
-1.6	Complete	0 [0]	0	4	Off	0	No	Partial Off
-1.5	Complete	0 [0]	0	4	Off	0	No	Partial Off
-1.4	Complete	0 [0]	0	4	Off	0	No	Partial Off
-1.3	Complete	0 [0]	0	4	Off	0	No	Partial Off
-1.2	Complete	0 [0]	0	4	Off	0	No	Partial Off
-1.1	Complete	0 [0]	0	4	Off	0	No	Partial Off
-1.0	Complete	0 [0]	0	4	Off	0	No	Partial Off
-0.9	Complete	0 [0]	0	4	Off	0	No	Partial Off
-0.8	Complete	0 [0]	0	4	Off	0	No	Partial Off
-0.7	Complete	0 [0]	0	4	Off	0	No	Partial Off
-0.6	Complete	0 [0]	0	4	Off	0	No	Partial Off
-0.5	Complete	0 [0]	0	4	Off	0	No	Partial Off
-0.4	Complete	0 [0]	0	4	Off	0	No	Partial Off
-0.3	Complete	0 [0]	0	4	Off	0	No	Partial Off
-0.2	Complete	0 [0]	0	4	Off	0	No	Partial Off
-0.1	Complete	0 [0]	0	4	Off	0	No	Partial Off

Pre-Crash Data -5 to 0 Sec (Part I - 100 msec) (Most Recent Event - Non-Deployment) - Table 2 of 2

Time (sec)	Steering Input (deg)
-5.0	-45.1
-4.9	-45.7
-4.8	-46.7
-4.7	-47.4
-4.6	-48.1
-4.5	-48.6
-4.4	-48.7
-4.3	-48.8
-4.2	-49.1
-4.1	-49.8
-4.0	-50.8
-3.9	-51.8
-3.8	-52.6
-3.7	-53.1
-3.6	-53.1
-3.5	-53.3
-3.4	-53.6
-3.3	-54.1
-3.2	-55.3
-3.1	-56.6
-3.0	-57.6
-2.9	-58.3
-2.8	-59.1
-2.7	-59.7
-2.6	-59.8
-2.5	-59.9
-2.4	-61.1
-2.3	-63.6
-2.2	-66.0
-2.1	-66.3
-2.0	-66.3
-1.9	-66.3
-1.8	-66.6
-1.7	-68.3
-1.6	-70.9
-1.5	-73.1
-1.4	-74.6
-1.3	-76.1
-1.2	-78.6
-1.1	-82.6
-1.0	-87.1
-0.9	-92.1
-0.8	-99.1
-0.7	-107.5
-0.6	-118.4
-0.5	-134.0
-0.4	-152.1
-0.3	-175.3
-0.2	-202.0
-0.1	-215.1

Pre-Crash Data -5 to 0 Sec (Part II - 100 msec) (Most Recent Event - Non-Deployment)

Time (sec)	Pre-Crash Recorder Status	Braking system, Maximum Braking	Wheel Speed, LF (MPH [km/h])	Wheel Speed, RF (MPH [km/h])	Wheel Speed, LR (MPH [km/h])	Wheel Speed, RR (MPH [km/h])	Yaw Rate (deg/sec)	Master Cylinder Pressure (Bar)
-5.0	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-4.9	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-4.8	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.12	0.00
-4.7	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.12	0.00
-4.6	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-4.5	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-4.4	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	0.96	0.00
-4.3	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.12	0.00
-4.2	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-4.1	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-4.0	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.12	0.00
-3.9	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-3.8	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-3.7	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-3.6	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-3.5	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.12	0.00
-3.4	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.12	0.00
-3.3	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-3.2	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-3.1	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-3.0	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	0.96	0.00
-2.9	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.12	0.00
-2.8	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.12	0.00
-2.7	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.12	0.00
-2.6	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	0.96	0.00
-2.5	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	0.88	0.00
-2.4	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.12	0.00
-2.3	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.20	0.00
-2.2	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.28	0.00
-2.1	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.12	0.00
-2.0	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	0.88	0.00
-1.9	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	0.88	0.00
-1.8	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-1.7	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.12	0.00
-1.6	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-1.5	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.04	0.00
-1.4	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.12	0.00
-1.3	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.20	0.00
-1.2	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.28	0.00
-1.1	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.28	0.00
-1.0	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.44	0.00
-0.9	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.52	0.00
-0.8	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.60	0.00
-0.7	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	1.84	0.00
-0.6	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	2.00	0.00
-0.5	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	2.32	0.00
-0.4	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	2.72	0.00
-0.3	Complete	Not Active	0 [0]	0 [0]	0 [0]	0 [0]	3.52	0.00
-0.2	Complete	Not Active	0 [0]	1 [1]	0 [0]	0 [0]	4.56	0.00
-0.1	Complete	Not Active	0 [0]	1 [1]	0 [0]	2 [3]	0.64	0.00

Pre-Crash Data -5 to 0 Sec (Part II - 250 msec) (Most Recent Event - Non-Deployment) - Table 1 of 3

Time (sec)	Pre-Crash Recorder Status	Current Gear	Tire Pressure Indicator Lamp	Tire Pressure status, LF	Tire Pressure status, RF	Tire Pressure status, LR	Tire Pressure status, RR	Tire Pressure, LF (psi)
-5.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-4.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-4.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-4.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-4.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-3.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-3.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-3.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-3.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-2.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-2.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-2.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-2.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-1.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-1.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-1.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-1.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-0.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-0.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39
-0.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	43.39

Pre-Crash Data -5 to 0 Sec (Part II - 250 msec) (Most Recent Event - Non-Deployment) - Table 2 of 3

Time (sec)	Tire Pressure, RF (psi)	Tire Pressure, LR (psi)	Tire Pressure, RR (psi)	Cruise Control Status	Cruise Control Engaged	Cruise Control Override	ETC Lamp	Reverse gear (MTX)
-5.00	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-4.75	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-4.50	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-4.25	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-4.00	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-3.75	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-3.50	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-3.25	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-3.00	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-2.75	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-2.50	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-2.25	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-2.00	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-1.75	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-1.50	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-1.25	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-1.00	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-0.75	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-0.50	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse
-0.25	43.79	42.60	42.99	On	Not Engaged	No	Off	Not Reverse

Pre-Crash Data -5 to 0 Sec (Part II - 250 msec) (Most Recent Event - Non-Deployment) - Table 3 of 3

Time (sec)	Shift Lever Position	PCM MIL
-5.00	Neutral	On
-4.75	Neutral	On
-4.50	Neutral	On
-4.25	Neutral	On
-4.00	Neutral	On
-3.75	Neutral	On
-3.50	Neutral	On
-3.25	Neutral	On
-3.00	Neutral	On
-2.75	Neutral	On
-2.50	Neutral	On
-2.25	Neutral	On
-2.00	Neutral	On
-1.75	Neutral	On
-1.50	Neutral	On
-1.25	Neutral	On
-1.00	Neutral	On
-0.75	Neutral	On
-0.50	Neutral	On
-0.25	Neutral	On

System Configuration at Event (1st Prior Event - Non-Deployment)

Configured for Driver Frontal Airbag	Yes
Configured for Driver Knee Airbag	Yes
Configured for Driver Seatbelt Retractor Pretensioner	Yes
Configured for Driver Seatbelt Load Limiter	Yes
Configured for Driver Seatbelt Anchor Pretensioner	Yes
Configured for Driver Seatbelt Buckle Switch	Yes
Configured for Driver Seat Track Position Sensor	Yes
Configured for Left Side Curtain Airbag	Yes
Configured for Left Front Seat Side Airbag	Yes
Configured for Passenger Frontal Airbag	Yes
Configured for Passenger Seatbelt Retractor Pretensioner	Yes
Configured for Passenger Seatbelt Load Limiter	Yes
Configured for Passenger Seatbelt Anchor Pretensioner	Yes
Configured for Passenger Seatbelt Buckle Switch	Yes
Configured for Passenger Seat Track Position Sensor	Yes
Configured for Right Side Curtain Airbag	Yes
Configured for Right Front Seat Side Airbag	Yes
Configured for Rollover Sensing	Yes
Configured for Occupant Classification	Yes

System Status at Event (1st Prior Event - Non-Deployment)

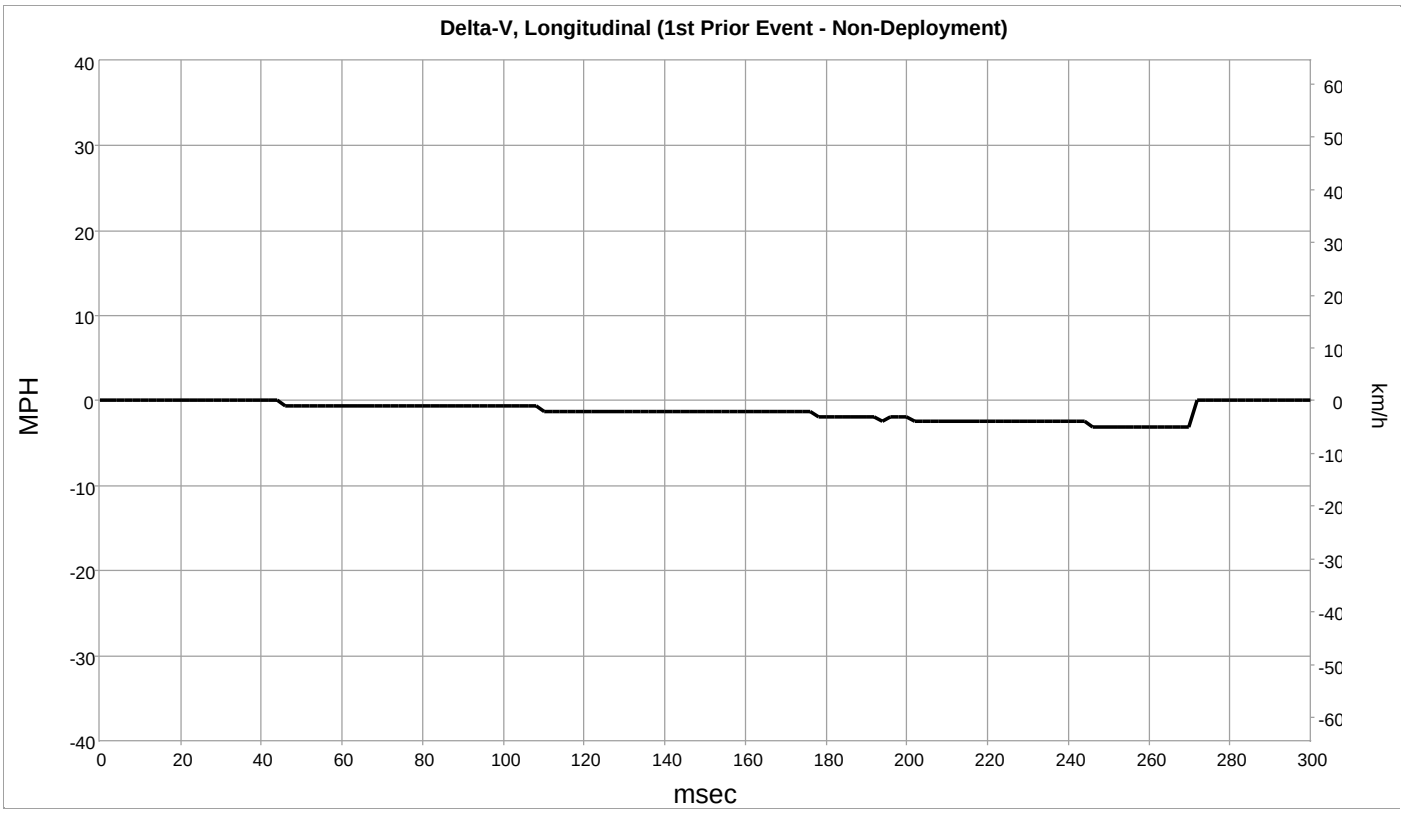
Event Number	3
Complete File Recorded	Yes
Ignition Cycle, Crash	3,388
Multi-Event, Number of Events	2
Time From Event 1 to 2 (sec)	0.1
Safety Belt Status, Driver	Buckled
Safety Belt Status, Passenger	Buckled
Seat Track Position Switch, Foremost, Status, Driver	Not Frontal Zone
Seat Track Position Switch, Foremost, Status, Right Front Passenger	Not Frontal Zone
Occupant Size Classification, Outboard Front Passenger	Not a Child
Maximum Delta-V, Longitudinal (MPH [km/h])	-3.1 [-5]
Time, Maximum Delta-V, Longitudinal (ms)	246
Maximum Delta-V, Lateral (MPH [km/h])	6.8 [11]
Time, Maximum Delta-V, Lateral (ms)	242
Frontal Airbag Warning Lamp	On
Operation system time	2,391,435.75
Airbag Warning Lamp On Time (min)	0
Total Number of Events	4
ECU System Voltage at Event	14
Odometer at Event (miles [km])	12781.6 [20,570]
VIN at Event (last 8 characters)	JT******

Deployment Command Data (1st Prior Event - Non-Deployment)

Frontal Airbag Deployment, 1st Stage, Driver	No
Frontal Airbag deployment, Time to Deploy 1st stage, Driver (ms)	N/A
Frontal Airbag Deployment, 2nd Stage, Driver	No
Frontal Airbag deployment, Time to Deploy 2nd stage, Driver (ms)	N/A
Frontal Airbag, Deployment 1st Stage, Passenger	No
Frontal Airbag deployment, Time to Deploy 1st stage, Passenger (ms)	N/A
Frontal Airbag, Deployment 2nd Stage, Passenger	No
Front Airbag, Time to Deploy 2nd stage, Passenger (ms)	N/A
Front Airbag, Deployment 3rd Squib, Passenger	No
Front Airbag, Time to Deploy 3rd Squib, Passenger (ms)	N/A
Knee Airbag Deployment, Driver	No
Retractor Pretensioner Deployment, Driver	No
Retractor Pretensioner Deployment, Passenger	No
Side Seat Airbag Deployment, Front Left	No
Side Curtain Airbag Deployment, Left	No
Side Seat Airbag Deployment, Front Right	No
Side Curtain Airbag Deployment, Right	No

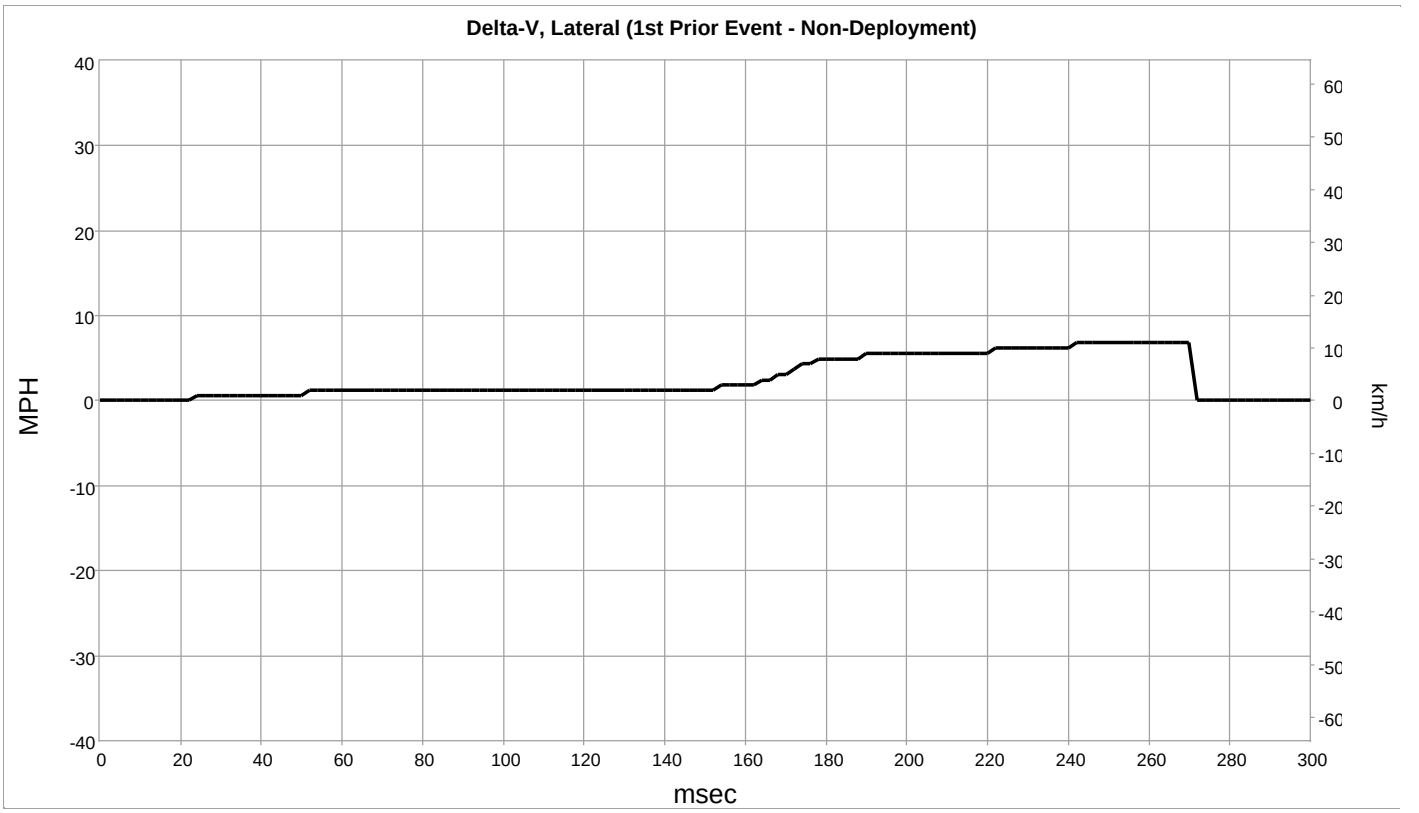
DTCs Present at Start of Event (1st Prior Event - Non-Deployment)

B1C32-00	Active
U0154-00	Stored
U0140-00	Stored
U0155-00	Stored
B223D-00	Stored
B2204-00	Stored
B0050-13	Stored
B00C5-13	Stored
B00B5-13	Stored
B0052-13	Stored
B0028-13	Stored
B0020-13	Stored
B0095-13	Stored
B0090-13	Stored
B0002-13	Stored
B0001-13	Stored
U0100-00	Stored
B222D-00	Stored
B00DF-95	Stored
B2734-13	Stored
B1BA5-00	Stored


Delta-V, Longitudinal (1st Prior Event - Non-Deployment)
MPH
km/h
msec
40
30
20
10
0
-10
-20
-30
-40
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300

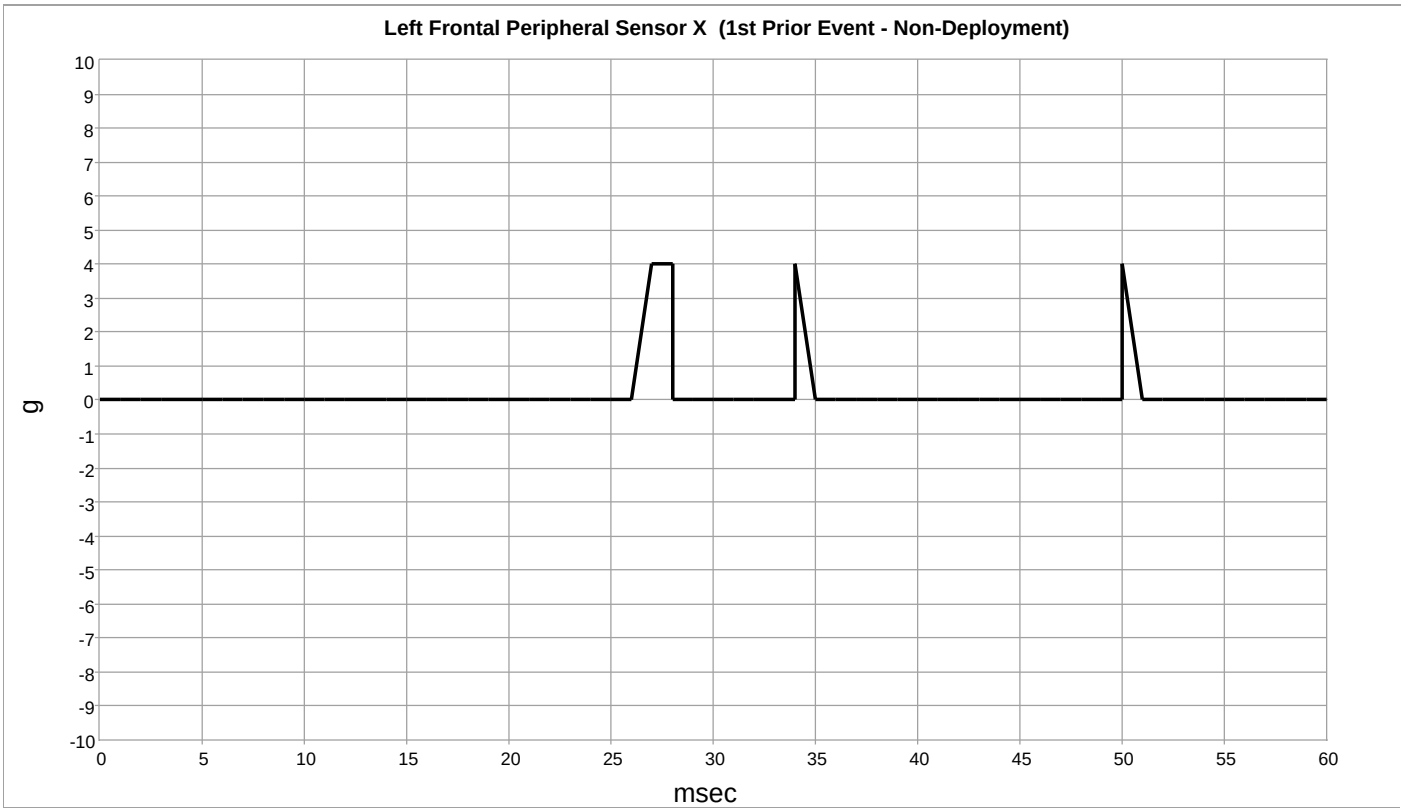
Longitudinal Crash Pulse (1st Prior Event - Non-Deployment)

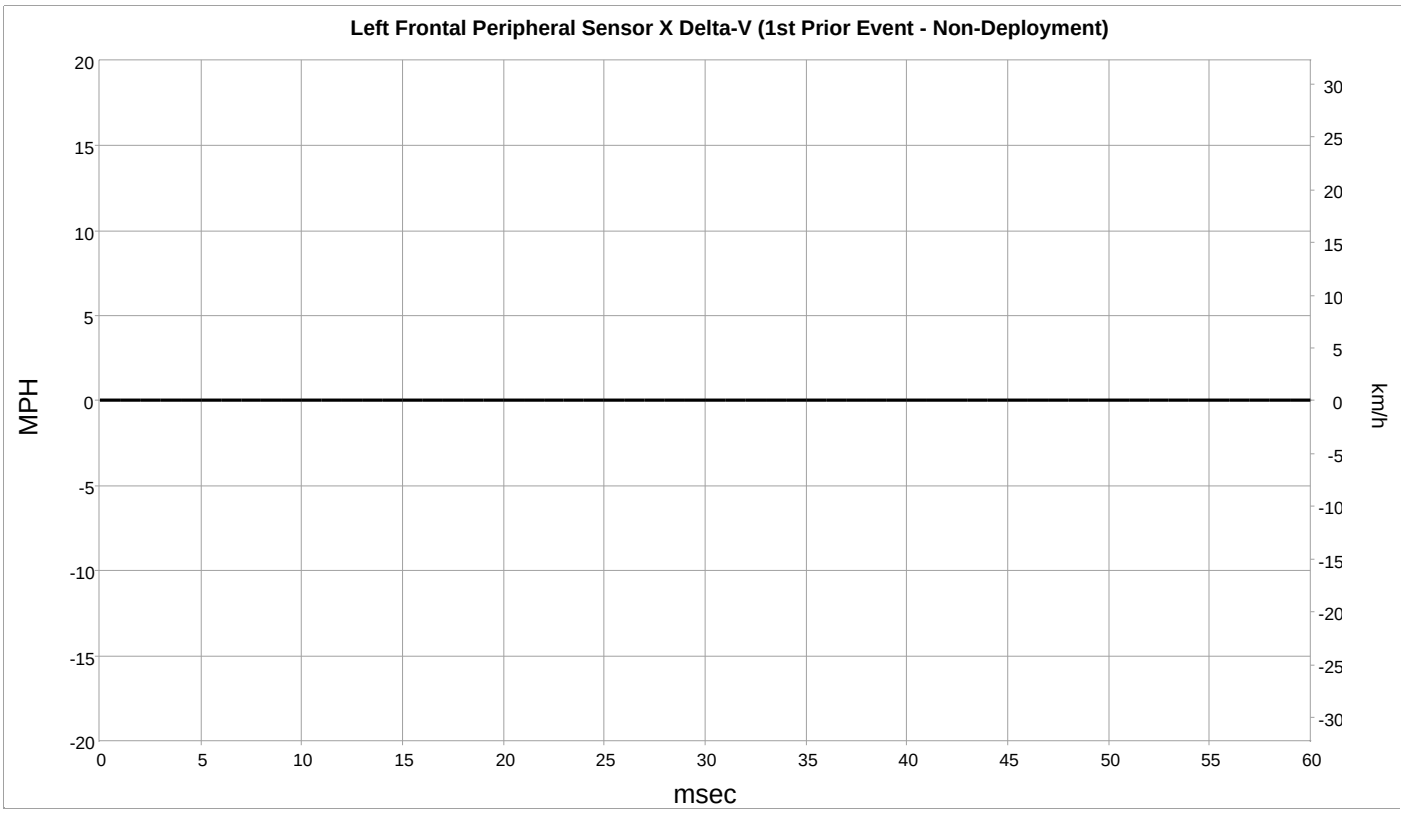
Time (msec)	Delta-V, Longitudinal (MPH [km/h])
0	0 [0]
2	0 [0]
4	0 [0]
6	0 [0]
8	0 [0]
10	0 [0]
12	0 [0]
14	0 [0]
16	0 [0]
18	0 [0]
20	0 [0]
22	0 [0]
24	0 [0]
26	0 [0]
28	0 [0]
30	0 [0]
32	0 [0]
34	0 [0]
36	0 [0]
38	0 [0]
40	0 [0]
42	0 [0]
44	0 [0]
46	-1 [-1]
48	-1 [-1]
50	-1 [-1]
52	-1 [-1]
54	-1 [-1]
56	-1 [-1]
58	-1 [-1]
60	-1 [-1]
62	-1 [-1]
64	-1 [-1]
66	-1 [-1]
68	-1 [-1]
70	-1 [-1]
72	-1 [-1]
74	-1 [-1]
76	-1 [-1]
78	-1 [-1]
80	-1 [-1]
82	-1 [-1]
84	-1 [-1]
86	-1 [-1]
88	-1 [-1]
90	-1 [-1]
92	-1 [-1]
94	-1 [-1]
96	-1 [-1]
98	-1 [-1]
100	-1 [-1]
102	-1 [-1]
104	-1 [-1]
106	-1 [-1]
108	-1 [-1]
110	-1 [-2]
112	-1 [-2]
114	-1 [-2]
116	-1 [-2]
118	-1 [-2]
120	-1 [-2]
122	-1 [-2]
124	-1 [-2]
126	-1 [-2]
128	-1 [-2]
130	-1 [-2]
132	-1 [-2]
134	-1 [-2]
136	-1 [-2]
138	-1 [-2]
140	-1 [-2]
142	-1 [-2]
144	-1 [-2]
146	-1 [-2]
148	-1 [-2]
150	-1 [-2]
152	-1 [-2]
154	-1 [-2]
156	-1 [-2]
158	-1 [-2]
160	-1 [-2]
162	-1 [-2]
164	-1 [-2]
166	-1 [-2]
168	-1 [-2]
170	-1 [-2]
172	-1 [-2]
174	-1 [-2]
176	-1 [-2]
178	-2 [-3]
180	-2 [-3]
182	-2 [-3]
184	-2 [-3]
186	-2 [-3]
188	-2 [-3]
190	-2 [-3]
192	-2 [-3]
194	-2 [-4]
196	-2 [-3]
198	-2 [-3]
200	-2 [-3]
202	-2 [-4]
204	-2 [-4]
206	-2 [-4]
208	-2 [-4]
210	-2 [-4]
212	-2 [-4]
214	-2 [-4]
216	-2 [-4]
218	-2 [-4]
220	-2 [-4]
222	-2 [-4]
224	-2 [-4]
226	-2 [-4]
228	-2 [-4]
230	-2 [-4]
232	-2 [-4]
234	-2 [-4]
236	-2 [-4]
238	-2 [-4]
240	-2 [-4]
242	-2 [-4]
244	-2 [-4]
246	-3 [-5]
248	-3 [-5]
250	-3 [-5]
252	-3 [-5]
254	-3 [-5]
256	-3 [-5]
258	-3 [-5]
260	-3 [-5]
262	-3 [-5]
264	-3 [-5]
266	-3 [-5]
268	-3 [-5]
270	-3 [-5]
272	0 [0]
274	0 [0]
276	0 [0]
278	0 [0]
280	0 [0]
282	0 [0]
284	0 [0]
286	0 [0]
288	0 [0]
290	0 [0]
292	0 [0]
294	0 [0]
296	0 [0]
298	0 [0]
300	0 [0]


Delta-V, Lateral (1st Prior Event - Non-Deployment)
MPH
km/h
msec
40
30
20
10
0
-10
-20
-30
-40
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300

Lateral Crash Pulse (1st Prior Event - Non-Deployment)

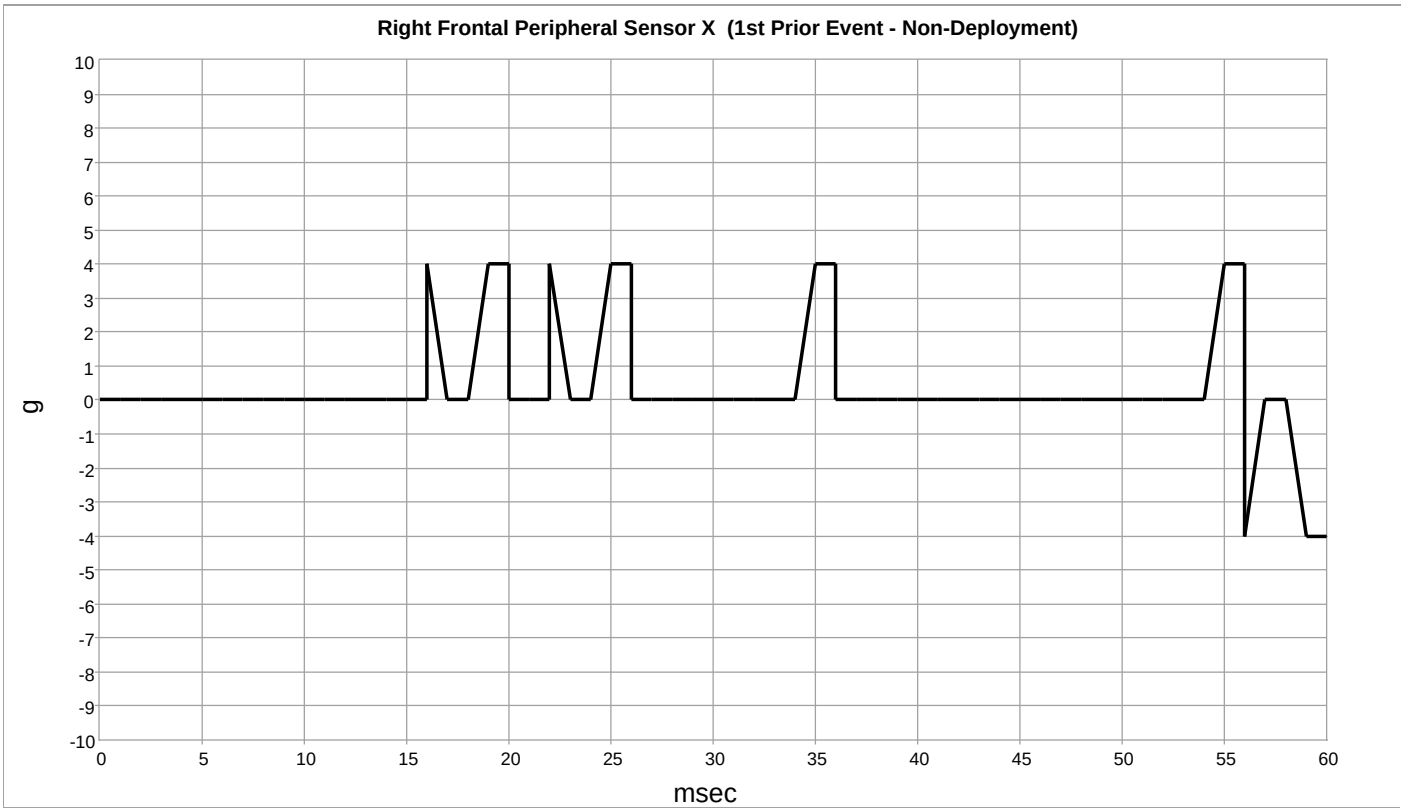
Time (msec)	Delta-V, Lateral (MPH [km/h])	Time (msec)	Delta-V, Lateral (MPH [km/h])	Time (msec)	Delta-V, Lateral (MPH [km/h])
0	0 [0]	100	1 [2]	200	6 [9]
2	0 [0]	102	1 [2]	202	6 [9]
4	0 [0]	104	1 [2]	204	6 [9]
6	0 [0]	106	1 [2]	206	6 [9]
8	0 [0]	108	1 [2]	208	6 [9]
10	0 [0]	110	1 [2]	210	6 [9]
12	0 [0]	112	1 [2]	212	6 [9]
14	0 [0]	114	1 [2]	214	6 [9]
16	0 [0]	116	1 [2]	216	6 [9]
18	0 [0]	118	1 [2]	218	6 [9]
20	0 [0]	120	1 [2]	220	6 [9]
22	0 [0]	122	1 [2]	222	6 [10]
24	1 [1]	124	1 [2]	224	6 [10]
26	1 [1]	126	1 [2]	226	6 [10]
28	1 [1]	128	1 [2]	228	6 [10]
30	1 [1]	130	1 [2]	230	6 [10]
32	1 [1]	132	1 [2]	232	6 [10]
34	1 [1]	134	1 [2]	234	6 [10]
36	1 [1]	136	1 [2]	236	6 [10]
38	1 [1]	138	1 [2]	238	6 [10]
40	1 [1]	140	1 [2]	240	6 [10]
42	1 [1]	142	1 [2]	242	7 [11]
44	1 [1]	144	1 [2]	244	7 [11]
46	1 [1]	146	1 [2]	246	7 [11]
48	1 [1]	148	1 [2]	248	7 [11]
50	1 [1]	150	1 [2]	250	7 [11]
52	1 [2]	152	1 [2]	252	7 [11]
54	1 [2]	154	2 [3]	254	7 [11]
56	1 [2]	156	2 [3]	256	7 [11]
58	1 [2]	158	2 [3]	258	7 [11]
60	1 [2]	160	2 [3]	260	7 [11]
62	1 [2]	162	2 [3]	262	7 [11]
64	1 [2]	164	2 [4]	264	7 [11]
66	1 [2]	166	2 [4]	266	7 [11]
68	1 [2]	168	3 [5]	268	7 [11]
70	1 [2]	170	3 [5]	270	7 [11]
72	1 [2]	172	4 [6]	272	0 [0]
74	1 [2]	174	4 [7]	274	0 [0]
76	1 [2]	176	4 [7]	276	0 [0]
78	1 [2]	178	5 [8]	278	0 [0]
80	1 [2]	180	5 [8]	280	0 [0]
82	1 [2]	182	5 [8]	282	0 [0]
84	1 [2]	184	5 [8]	284	0 [0]
86	1 [2]	186	5 [8]	286	0 [0]
88	1 [2]	188	5 [8]	288	0 [0]
90	1 [2]	190	6 [9]	290	0 [0]
92	1 [2]	192	6 [9]	292	0 [0]
94	1 [2]	194	6 [9]	294	0 [0]
96	1 [2]	196	6 [9]	296	0 [0]
98	1 [2]	198	6 [9]	298	0 [0]
				300	0 [0]

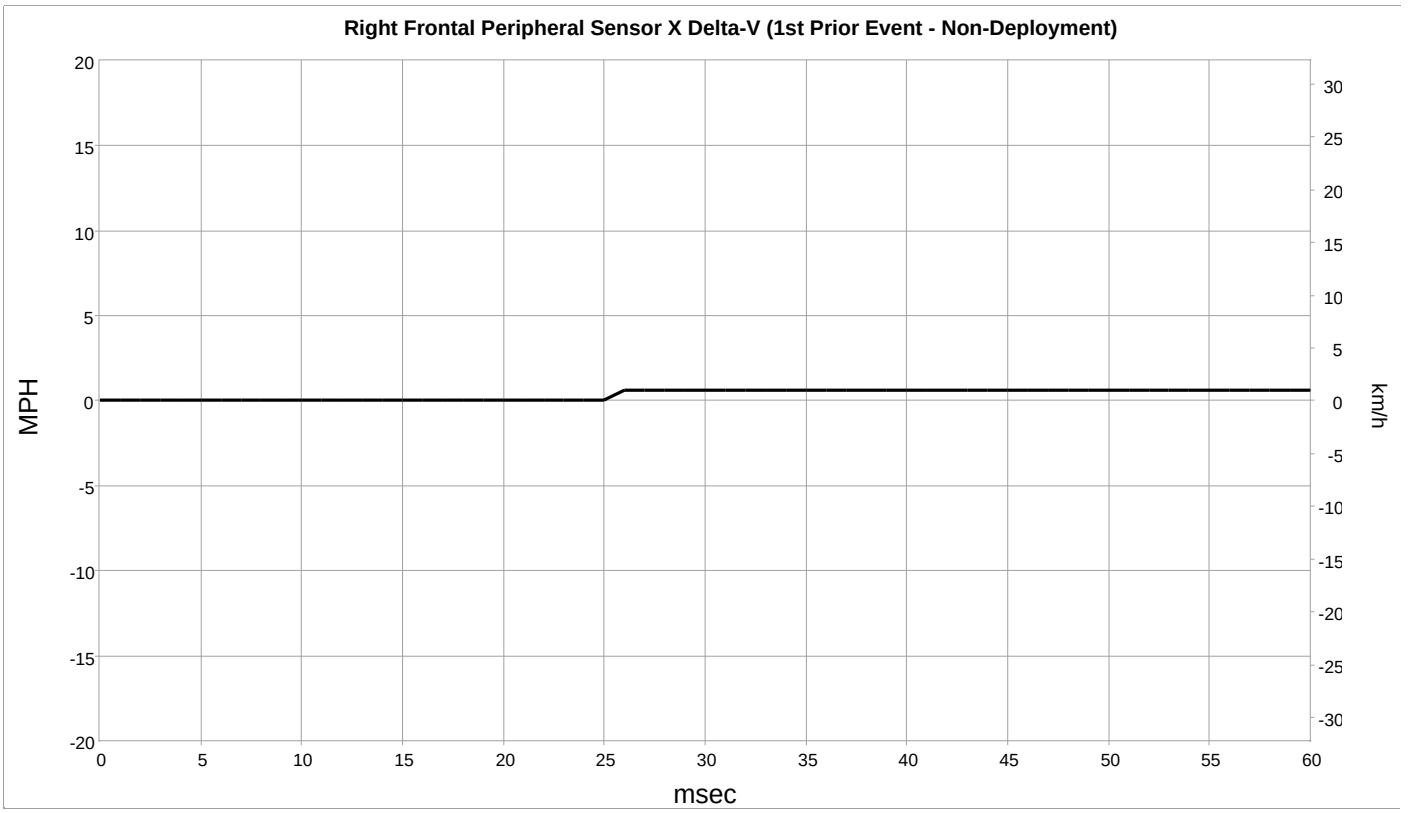

Left Frontal Peripheral Sensor X (1st Prior Event - Non-Deployment)
g
msec
10
9
8
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
0
5
10
15
20
25
30
35
40
45
50
55
60


Left Frontal Peripheral Sensor X Delta-V (1st Prior Event - Non-Deployment)
MPH
km/h
msec
20
15
10
5
0
-5
-10
-15
-20
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60

Left Frontal Peripheral Sensor X (1st Prior Event - Non-Deployment)

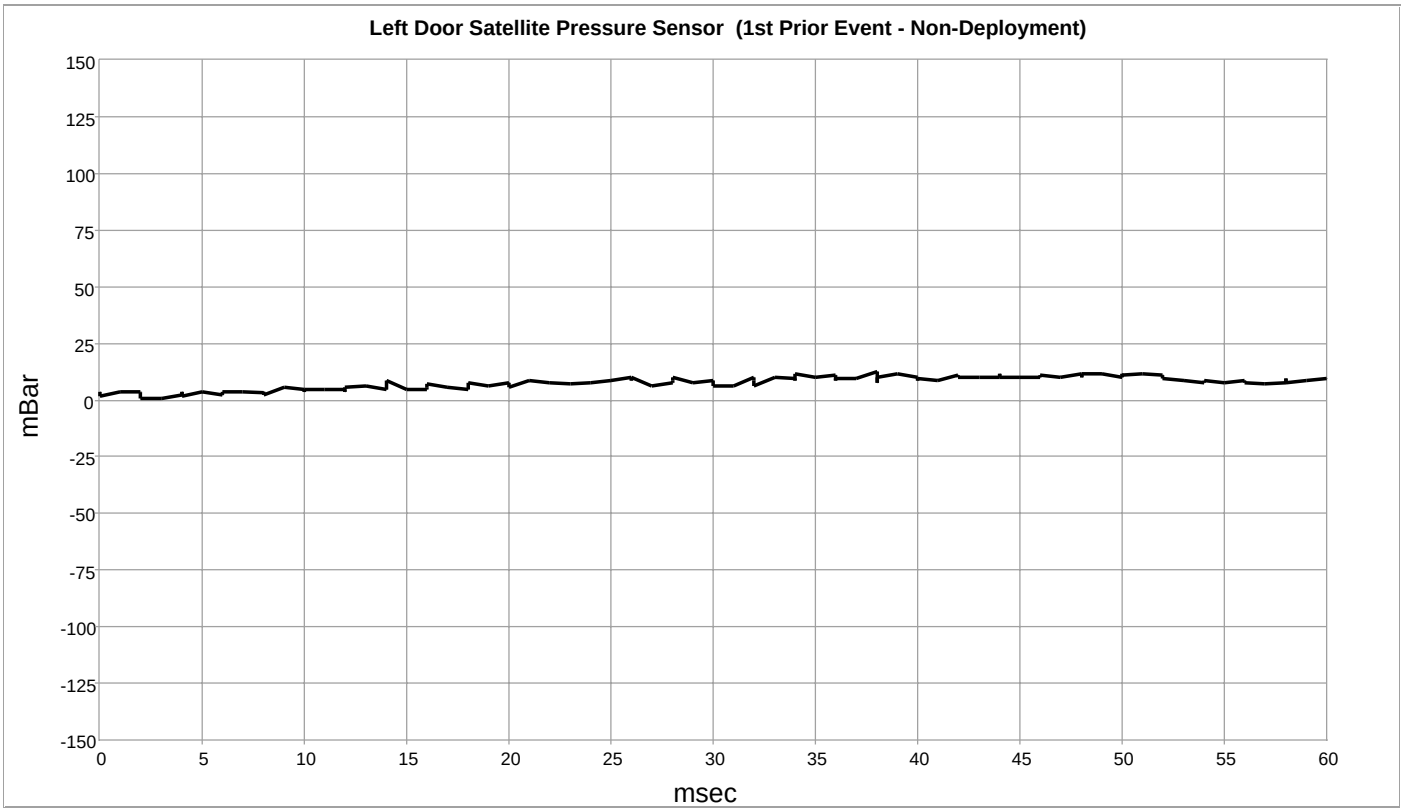
Time (msec)	Left Frontal Peripheral Sensor X (g)	Left Frontal Peripheral Sensor X Delta-V (MPH [km/h])
0	0.00	0 [0]
0.5	0.00	0 [0]
1	0.00	0 [0]
1.5	0.00	0 [0]
2	0.00	0 [0]
2.5	0.00	0 [0]
3	0.00	0 [0]
3.5	0.00	0 [0]
4	0.00	0 [0]
4.5	0.00	0 [0]
5	0.00	0 [0]
5.5	0.00	0 [0]
6	0.00	0 [0]
6.5	0.00	0 [0]
7	0.00	0 [0]
7.5	0.00	0 [0]
8	0.00	0 [0]
8.5	0.00	0 [0]
9	0.00	0 [0]
9.5	0.00	0 [0]
10	0.00	0 [0]
10.5	0.00	0 [0]
11	0.00	0 [0]
11.5	0.00	0 [0]
12	0.00	0 [0]
12.5	0.00	0 [0]
13	0.00	0 [0]
13.5	0.00	0 [0]
14	0.00	0 [0]
14.5	0.00	0 [0]
15	0.00	0 [0]
15.5	0.00	0 [0]
16	0.00	0 [0]
16.5	0.00	0 [0]
17	0.00	0 [0]
17.5	0.00	0 [0]
18	0.00	0 [0]
18.5	0.00	0 [0]
19	0.00	0 [0]
19.5	0.00	0 [0]
20	0.00	0 [0]
20.5	0.00	0 [0]
21	0.00	0 [0]
21.5	0.00	0 [0]
22	0.00	0 [0]
22.5	0.00	0 [0]
23	0.00	0 [0]
23.5	0.00	0 [0]
24	0.00	0 [0]
24.5	0.00	0 [0]
25	0.00	0 [0]
25.5	0.00	0 [0]
26	0.00	0 [0]
26.5	0.00	0 [0]
27	4.00	0 [0]
27.5	4.00	0 [0]
28	0.00	0 [0]
28.5	0.00	0 [0]
29	0.00	0 [0]
29.5	0.00	0 [0]
30	0.00	0 [0]
30.5	0.00	0 [0]
31	0.00	0 [0]
31.5	0.00	0 [0]
32	0.00	0 [0]
32.5	0.00	0 [0]
33	0.00	0 [0]
33.5	0.00	0 [0]
34	4.00	0 [0]
34.5	4.00	0 [0]
35	0.00	0 [0]
35.5	0.00	0 [0]
36	0.00	0 [0]
36.5	0.00	0 [0]
37	0.00	0 [0]
37.5	0.00	0 [0]
38	0.00	0 [0]
38.5	0.00	0 [0]
39	0.00	0 [0]
39.5	0.00	0 [0]
40	0.00	0 [0]
40.5	0.00	0 [0]
41	0.00	0 [0]
41.5	0.00	0 [0]
42	0.00	0 [0]
42.5	0.00	0 [0]
43	0.00	0 [0]
43.5	0.00	0 [0]
44	0.00	0 [0]
44.5	0.00	0 [0]
45	0.00	0 [0]
45.5	0.00	0 [0]
46	0.00	0 [0]
46.5	0.00	0 [0]
47	0.00	0 [0]
47.5	0.00	0 [0]
48	0.00	0 [0]
48.5	0.00	0 [0]
49	0.00	0 [0]
49.5	0.00	0 [0]
50	4.00	0 [0]
50.5	4.00	0 [0]
51	0.00	0 [0]
51.5	0.00	0 [0]
52	0.00	0 [0]
52.5	0.00	0 [0]
53	0.00	0 [0]
53.5	0.00	0 [0]
54	0.00	0 [0]
54.5	0.00	0 [0]
55	0.00	0 [0]
55.5	0.00	0 [0]
56	0.00	0 [0]
56.5	0.00	0 [0]
57	0.00	0 [0]
57.5	0.00	0 [0]
58	0.00	0 [0]
58.5	0.00	0 [0]
59	0.00	0 [0]
59.5	0.00	0 [0]


Right Frontal Peripheral Sensor X (1st Prior Event - Non-Deployment)
g
msec
10
9
8
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
0
5
10
15
20
25
30
35
40
45
50
55
60


Right Frontal Peripheral Sensor X Delta-V (1st Prior Event - Non-Deployment)
MPH
km/h
msec
20
15
10
5
0
-5
-10
-15
-20
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60

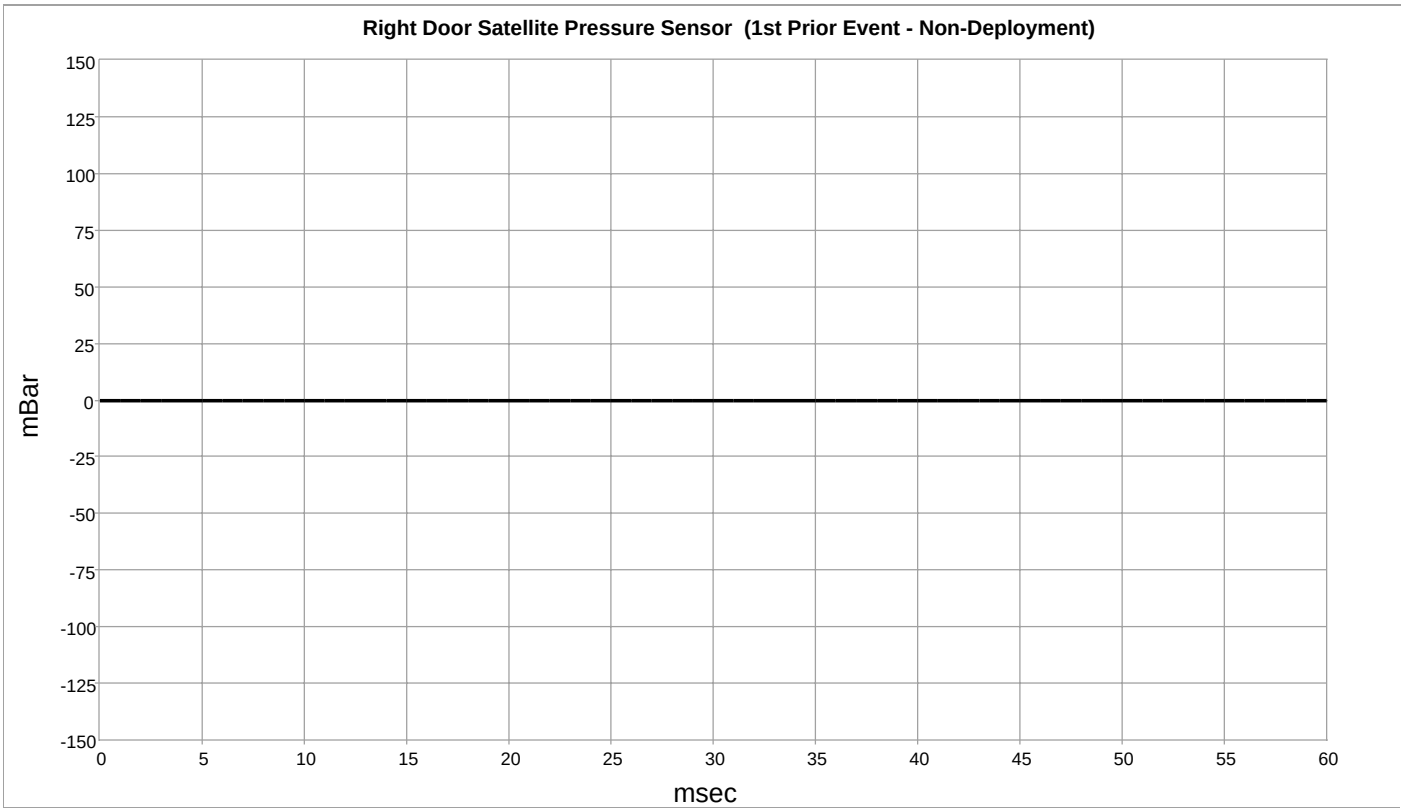
Right Frontal Peripheral Sensor X (1st Prior Event - Non-Deployment)

Time (msec)	Right Frontal Peripheral Sensor X (g)	Right Frontal Peripheral Sensor X Delta-V (MPH [km/h])
0	0.00	0 [0]
0.5	0.00	0 [0]
1	0.00	0 [0]
1.5	0.00	0 [0]
2	0.00	0 [0]
2.5	0.00	0 [0]
3	0.00	0 [0]
3.5	0.00	0 [0]
4	0.00	0 [0]
4.5	0.00	0 [0]
5	0.00	0 [0]
5.5	0.00	0 [0]
6	0.00	0 [0]
6.5	0.00	0 [0]
7	0.00	0 [0]
7.5	0.00	0 [0]
8	0.00	0 [0]
8.5	0.00	0 [0]
9	0.00	0 [0]
9.5	0.00	0 [0]
10	0.00	0 [0]
10.5	0.00	0 [0]
11	0.00	0 [0]
11.5	0.00	0 [0]
12	0.00	0 [0]
12.5	0.00	0 [0]
13	0.00	0 [0]
13.5	0.00	0 [0]
14	0.00	0 [0]
14.5	0.00	0 [0]
15	0.00	0 [0]
15.5	0.00	0 [0]
16	4.00	0 [0]
16.5	4.00	0 [0]
17	0.00	0 [0]
17.5	0.00	0 [0]
18	0.00	0 [0]
18.5	0.00	0 [0]
19	4.00	0 [0]
19.5	4.00	0 [0]
20	0.00	0 [0]
20.5	0.00	0 [0]
21	0.00	0 [0]
21.5	0.00	0 [0]
22	4.00	0 [0]
22.5	4.00	0 [0]
23	0.00	0 [0]
23.5	0.00	0 [0]
24	0.00	0 [0]
24.5	0.00	0 [0]
25	4.00	0 [0]
25.5	4.00	1 [1]
26	0.00	1 [1]
26.5	0.00	1 [1]
27	0.00	1 [1]
27.5	0.00	1 [1]
28	0.00	1 [1]
28.5	0.00	1 [1]
29	0.00	1 [1]
29.5	0.00	1 [1]
30	0.00	1 [1]
30.5	0.00	1 [1]
31	0.00	1 [1]
31.5	0.00	1 [1]
32	0.00	1 [1]
32.5	0.00	1 [1]
33	0.00	1 [1]
33.5	0.00	1 [1]
34	0.00	1 [1]
34.5	0.00	1 [1]
35	4.00	1 [1]
35.5	4.00	1 [1]
36	0.00	1 [1]
36.5	0.00	1 [1]
37	0.00	1 [1]
37.5	0.00	1 [1]
38	0.00	1 [1]
38.5	0.00	1 [1]
39	0.00	1 [1]
39.5	0.00	1 [1]
40	0.00	1 [1]
40.5	0.00	1 [1]
41	0.00	1 [1]
41.5	0.00	1 [1]
42	0.00	1 [1]
42.5	0.00	1 [1]
43	0.00	1 [1]
43.5	0.00	1 [1]
44	0.00	1 [1]
44.5	0.00	1 [1]
45	0.00	1 [1]
45.5	0.00	1 [1]
46	0.00	1 [1]
46.5	0.00	1 [1]
47	0.00	1 [1]
47.5	0.00	1 [1]
48	0.00	1 [1]
48.5	0.00	1 [1]
49	0.00	1 [1]
49.5	0.00	1 [1]
50	0.00	1 [1]
50.5	0.00	1 [1]
51	0.00	1 [1]
51.5	0.00	1 [1]
52	0.00	1 [1]
52.5	0.00	1 [1]
53	0.00	1 [1]
53.5	0.00	1 [1]
54	0.00	1 [1]
54.5	0.00	1 [1]
55	4.00	1 [1]
55.5	4.00	1 [1]
56	-4.00	1 [1]
56.5	-4.00	1 [1]
57	0.00	1 [1]
57.5	0.00	1 [1]
58	0.00	1 [1]
58.5	0.00	1 [1]
59	-4.00	1 [1]
59.5	-4.00	1 [1]


Left Door Satellite Pressure Sensor (1st Prior Event - Non-Deployment)
mBar
150
125
100
75
50
25
0
-25
-50
-75
-100
-125
-150
0
5
10
15
20
25
30
35
40
45
50
55
60
msec

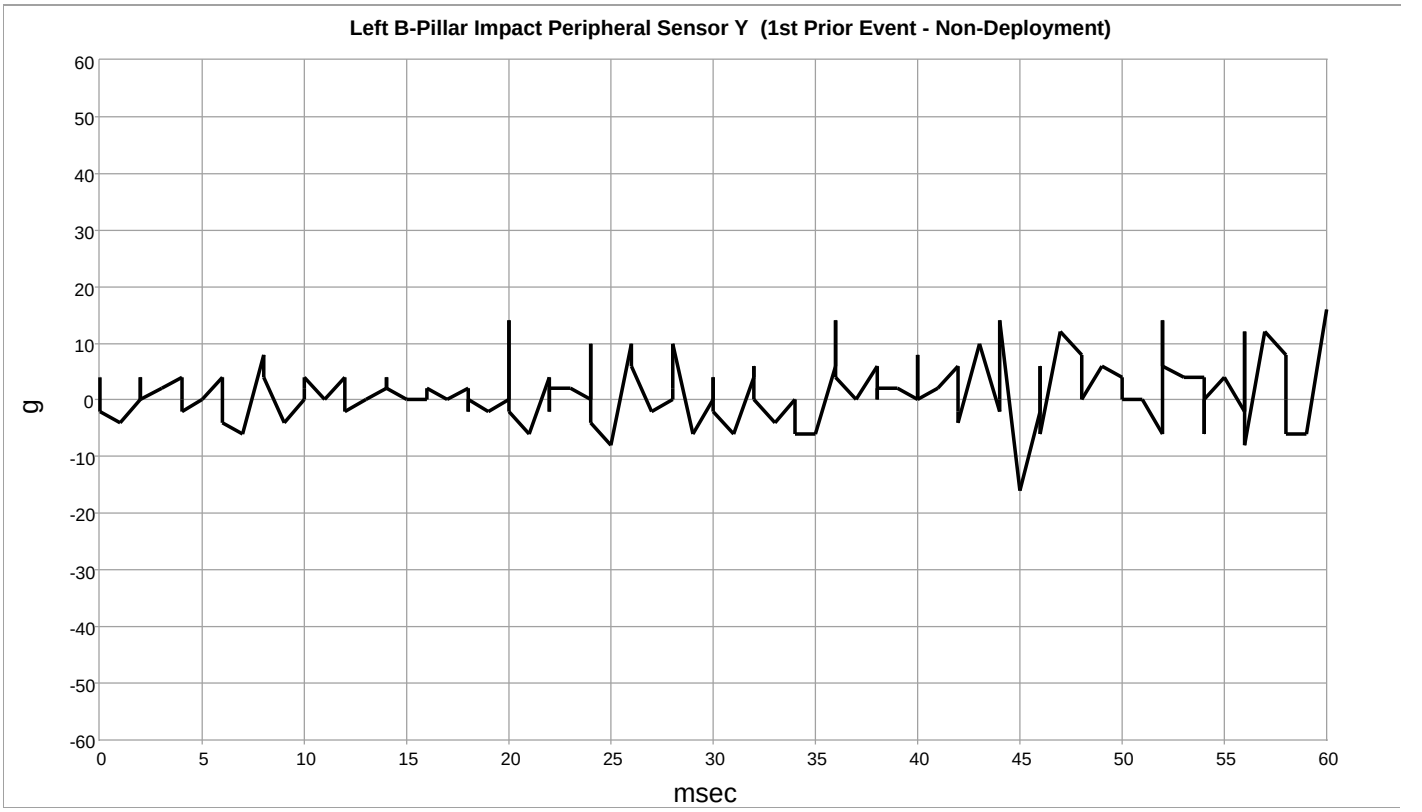
Left Door Satellite Pressure Sensor (1st Prior Event - Non-Deployment)

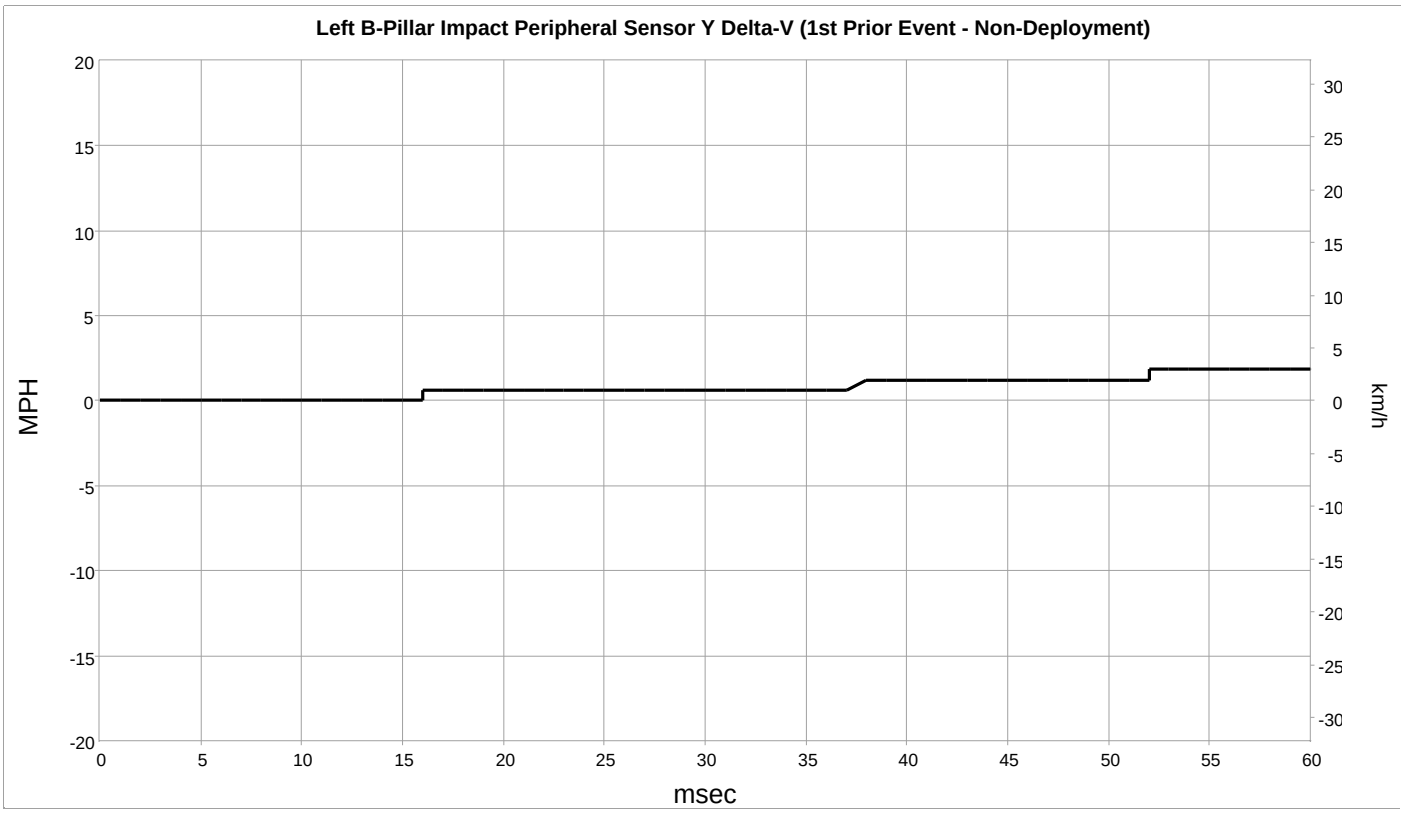
Time (msec)	Left Door Satellite Pressure Sensor (mBar)
0	3.90
0.5	1.56
1	3.90
1.5	3.90
2	3.12
2.5	0.78
3	0.78
3.5	2.34
4	3.90
4.5	1.56
5	3.90
5.5	2.34
6	2.34
6.5	3.90
7	3.90
7.5	3.12
8	3.90
8.5	2.34
9	5.46
9.5	4.68
10	3.90
10.5	4.68
11	4.68
11.5	4.68
12	3.90
12.5	5.46
13	6.25
13.5	4.68
14	4.68
14.5	8.59
15	4.68
15.5	4.68
16	5.46
16.5	7.03
17	5.46
17.5	4.68
18	7.81
18.5	7.81
19	6.25
19.5	7.81
20	7.81
20.5	5.46
21	8.59
21.5	7.81
22	7.81
22.5	7.81
23	7.03
23.5	7.81
24	7.81
24.5	7.81
25	8.59
25.5	10.15
26	8.59
26.5	10.15
27	6.25
27.5	7.81
28	8.59
28.5	10.15
29	7.81
29.5	8.59
30	8.59
30.5	6.25
31	6.25
31.5	10.15
32	8.59
32.5	6.25
33	10.15
33.5	9.37
34	8.59
34.5	11.71
35	10.15
35.5	10.93
36	8.59
36.5	9.37
37	9.37
37.5	12.50
38	7.81
38.5	10.15
39	11.71
39.5	10.15
40	8.59
40.5	9.37
41	8.59
41.5	10.93
42	10.15
42.5	10.15
43	10.15
43.5	10.15
44	11.71
44.5	10.15
45	10.15
45.5	10.15
46	10.15
46.5	10.93
47	10.15
47.5	11.71
48	10.15
48.5	11.71
49	11.71
49.5	10.15
50	11.71
50.5	10.93
51	11.71
51.5	10.93
52	10.93
52.5	9.37
53	8.59
53.5	7.81
54	8.59
54.5	8.59
55	7.81
55.5	8.59
56	8.59
56.5	7.81
57	7.03
57.5	7.81
58	9.37
58.5	7.81
59	8.59
59.5	9.37


Right Door Satellite Pressure Sensor (1st Prior Event - Non-Deployment)
150
125
100
75
50
25
0
-25
-50
-75
-100
-125
-150
mBar
0
5
10
15
20
25
30
35
40
45
50
55
60
msec

Right Door Satellite Pressure Sensor (1st Prior Event - Non-Deployment)

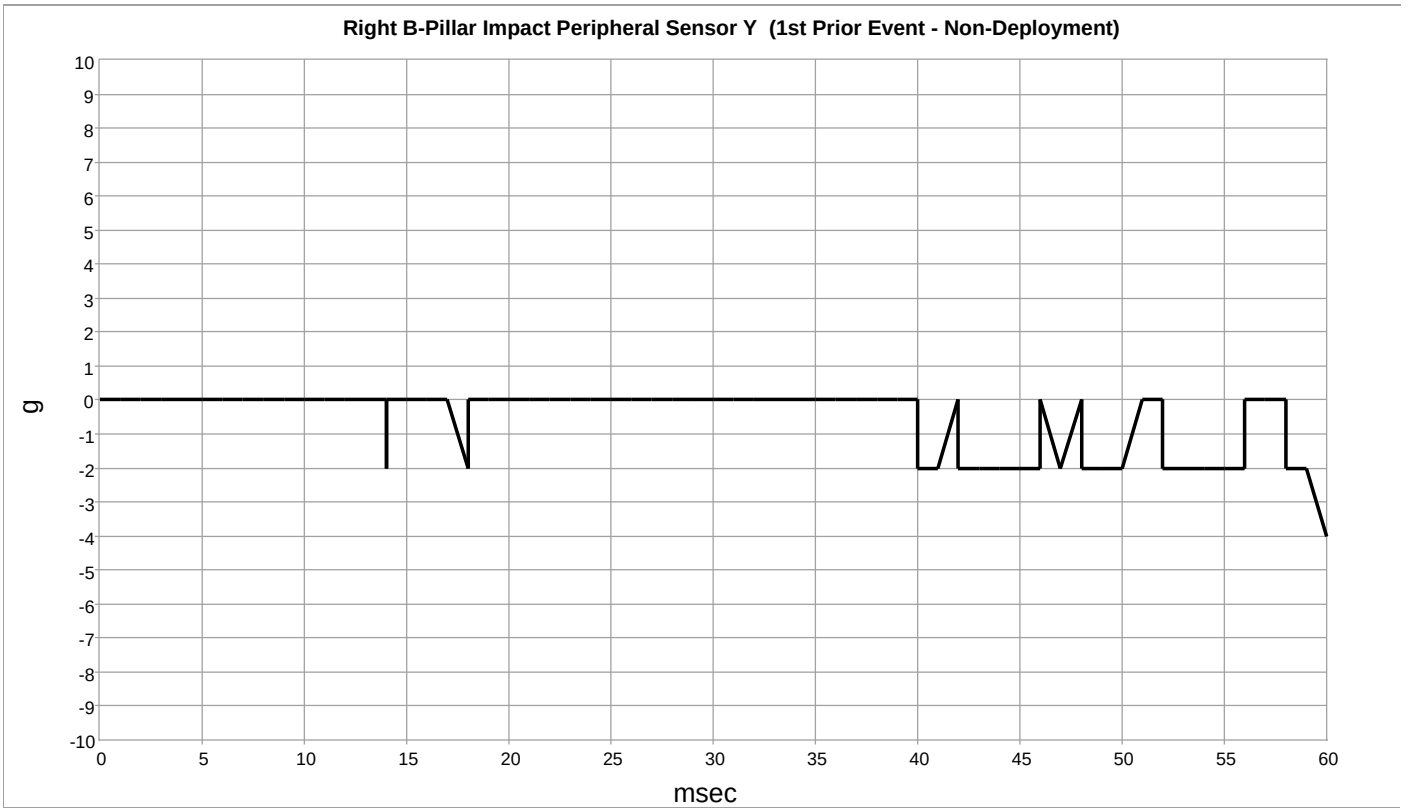
Time (msec)	Right Door Satellite Pressure Sensor (mBar)
0	0.00
0.5	0.00
1	0.00
1.5	0.00
2	0.00
2.5	0.00
3	0.00
3.5	0.00
4	0.00
4.5	0.00
5	0.00
5.5	0.00
6	0.00
6.5	0.00
7	0.00
7.5	0.00
8	0.00
8.5	0.00
9	0.00
9.5	0.00
10	0.00
10.5	0.00
11	0.00
11.5	0.00
12	0.00
12.5	0.00
13	0.00
13.5	0.00
14	0.00
14.5	0.00
15	0.00
15.5	0.00
16	0.00
16.5	0.00
17	0.00
17.5	0.00
18	0.00
18.5	0.00
19	0.00
19.5	0.00
20	0.00
20.5	0.00
21	0.00
21.5	0.00
22	0.00
22.5	0.00
23	0.00
23.5	0.00
24	0.00
24.5	0.00
25	0.00
25.5	0.00
26	0.00
26.5	0.00
27	0.00
27.5	0.00
28	0.00
28.5	0.00
29	0.00
29.5	0.00
30	0.00
30.5	0.00
31	0.00
31.5	0.00
32	0.00
32.5	0.00
33	0.00
33.5	0.00
34	0.00
34.5	0.00
35	0.00
35.5	0.00
36	0.00
36.5	0.00
37	0.00
37.5	0.00
38	0.00
38.5	0.00
39	0.00
39.5	0.00
40	0.00
40.5	0.00
41	0.00
41.5	0.00
42	0.00
42.5	0.00
43	0.00
43.5	0.00
44	0.00
44.5	0.00
45	0.00
45.5	0.00
46	0.00
46.5	0.00
47	0.00
47.5	0.00
48	0.00
48.5	0.00
49	0.00
49.5	0.00
50	0.00
50.5	0.00
51	0.00
51.5	0.00
52	0.00
52.5	0.00
53	0.00
53.5	0.00
54	0.00
54.5	0.00
55	0.00
55.5	0.00
56	0.00
56.5	0.00
57	0.00
57.5	0.00
58	0.00
58.5	0.00
59	0.00
59.5	0.00

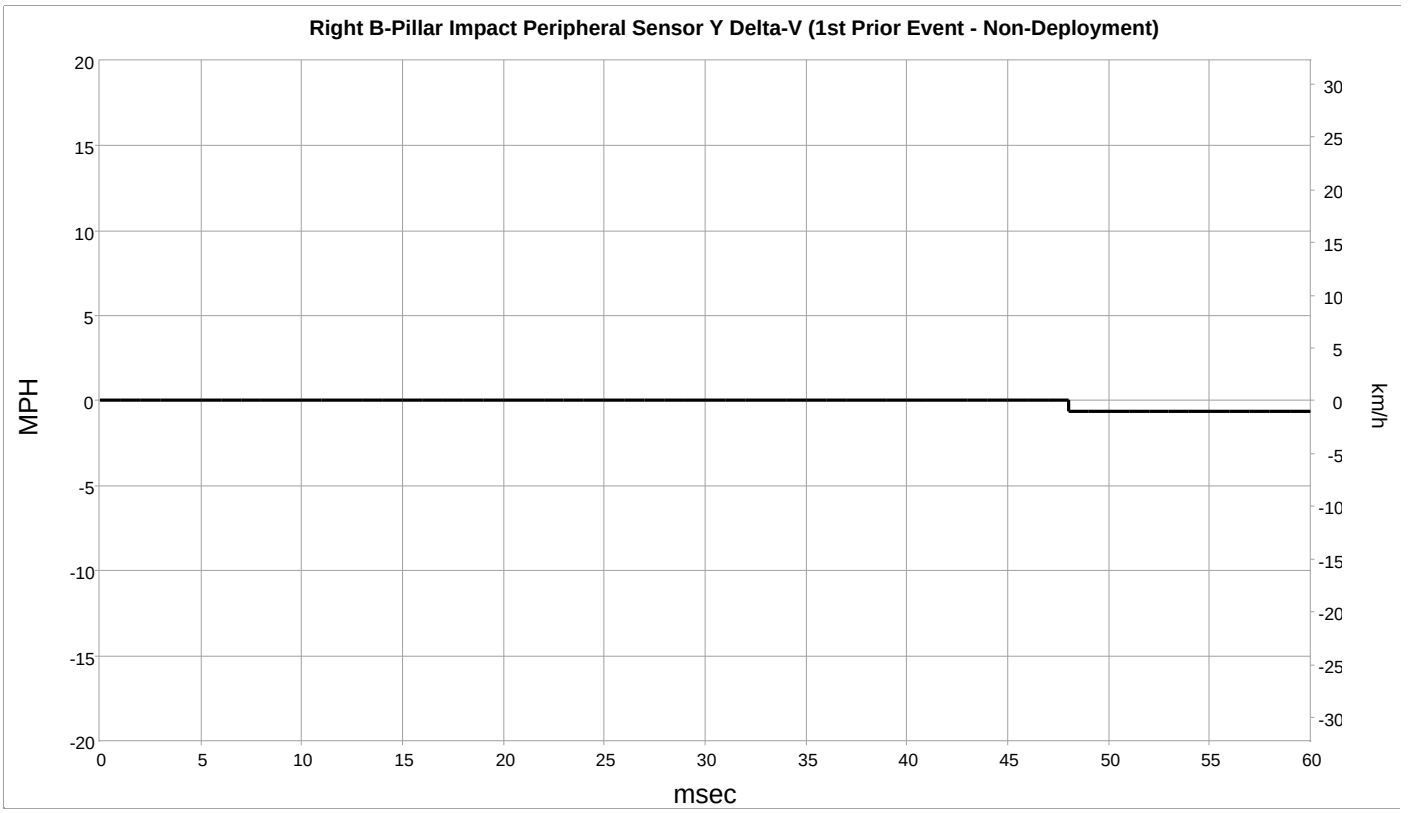

Left B-Pillar Impact Peripheral Sensor Y (1st Prior Event - Non-Deployment)
g
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
0
5
10
15
20
25
30
35
40
45
50
55
60
msec


Left B-Pillar Impact Peripheral Sensor Y Delta-V (1st Prior Event - Non-Deployment)
MPH
20
15
10
5
0
-5
-10
-15
-20
km/h
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60
msec

Left B-Pillar Impact Peripheral Sensor Y (1st Prior Event - Non-Deployment)

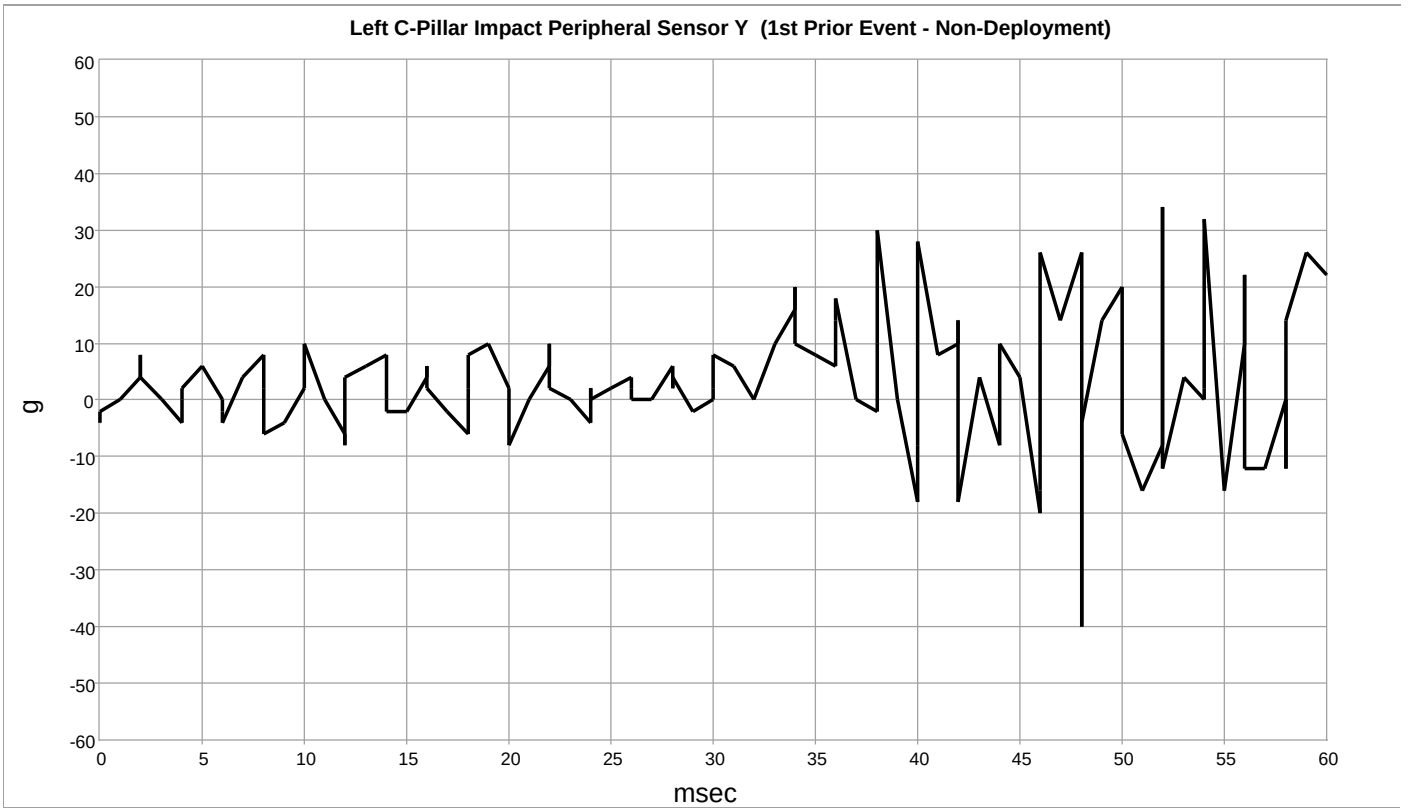
Time (msec)	Left B-Pillar Impact Peripheral Sensor Y (g)	Left B-Pillar Impact Peripheral Sensor Y Delta-V (MPH [km/h])
0	4.000	0 [0]
0.5	-2.000	0 [0]
1	-4.000	0 [0]
1.5	0.000	0 [0]
2	4.000	0 [0]
2.5	0.000	0 [0]
3	2.000	0 [0]
3.5	4.000	0 [0]
4	0.000	0 [0]
4.5	-2.000	0 [0]
5	0.000	0 [0]
5.5	4.000	0 [0]
6	4.000	0 [0]
6.5	-4.000	0 [0]
7	-6.000	0 [0]
7.5	8.000	0 [0]
8	4.000	0 [0]
8.5	4.000	0 [0]
9	-4.000	0 [0]
9.5	0.000	0 [0]
10	2.000	0 [0]
10.5	4.000	0 [0]
11	0.000	0 [0]
11.5	4.000	0 [0]
12	-2.000	0 [0]
12.5	-2.000	0 [0]
13	0.000	0 [0]
13.5	2.000	0 [0]
14	4.000	0 [0]
14.5	2.000	0 [0]
15	0.000	0 [0]
15.5	0.000	0 [0]
16	2.000	1 [1]
16.5	2.000	1 [1]
17	0.000	1 [1]
17.5	2.000	1 [1]
18	-2.000	1 [1]
18.5	0.000	1 [1]
19	-2.000	1 [1]
19.5	0.000	1 [1]
20	14.000	1 [1]
20.5	-2.000	1 [1]
21	-6.000	1 [1]
21.5	4.000	1 [1]
22	-2.000	1 [1]
22.5	2.000	1 [1]
23	2.000	1 [1]
23.5	0.000	1 [1]
24	10.000	1 [1]
24.5	-4.000	1 [1]
25	-8.000	1 [1]
25.5	10.000	1 [1]
26	10.000	1 [1]
26.5	6.000	1 [1]
27	-2.000	1 [1]
27.5	0.000	1 [1]
28	2.000	1 [1]
28.5	10.000	1 [1]
29	-6.000	1 [1]
29.5	0.000	1 [1]
30	4.000	1 [1]
30.5	-2.000	1 [1]
31	-6.000	1 [1]
31.5	4.000	1 [1]
32	6.000	1 [1]
32.5	0.000	1 [1]
33	-4.000	1 [1]
33.5	0.000	1 [1]
34	0.000	1 [1]
34.5	-6.000	1 [1]
35	-6.000	1 [1]
35.5	6.000	1 [1]
36	14.000	1 [1]
36.5	4.000	1 [1]
37	0.000	1 [1]
37.5	6.000	1 [2]
38	0.000	1 [2]
38.5	2.000	1 [2]
39	2.000	1 [2]
39.5	0.000	1 [2]
40	8.000	1 [2]
40.5	0.000	1 [2]
41	2.000	1 [2]
41.5	6.000	1 [2]
42	-2.000	1 [2]
42.5	-4.000	1 [2]
43	10.000	1 [2]
43.5	-2.000	1 [2]
44	0.000	1 [2]
44.5	14.000	1 [2]
45	-16.000	1 [2]
45.5	-2.000	1 [2]
46	6.000	1 [2]
46.5	-6.000	1 [2]
47	12.000	1 [2]
47.5	8.000	1 [2]
48	0.000	1 [2]
48.5	0.000	1 [2]
49	6.000	1 [2]
49.5	4.000	1 [2]
50	4.000	1 [2]
50.5	0.000	1 [2]
51	0.000	1 [2]
51.5	-6.000	1 [2]
52	14.000	2 [3]
52.5	6.000	2 [3]
53	4.000	2 [3]
53.5	4.000	2 [3]
54	-6.000	2 [3]
54.5	0.000	2 [3]
55	4.000	2 [3]
55.5	-2.000	2 [3]
56	12.000	2 [3]
56.5	-8.000	2 [3]
57	12.000	2 [3]
57.5	8.000	2 [3]
58	0.000	2 [3]
58.5	-6.000	2 [3]
59	-6.000	2 [3]
59.5	16.000	2 [3]

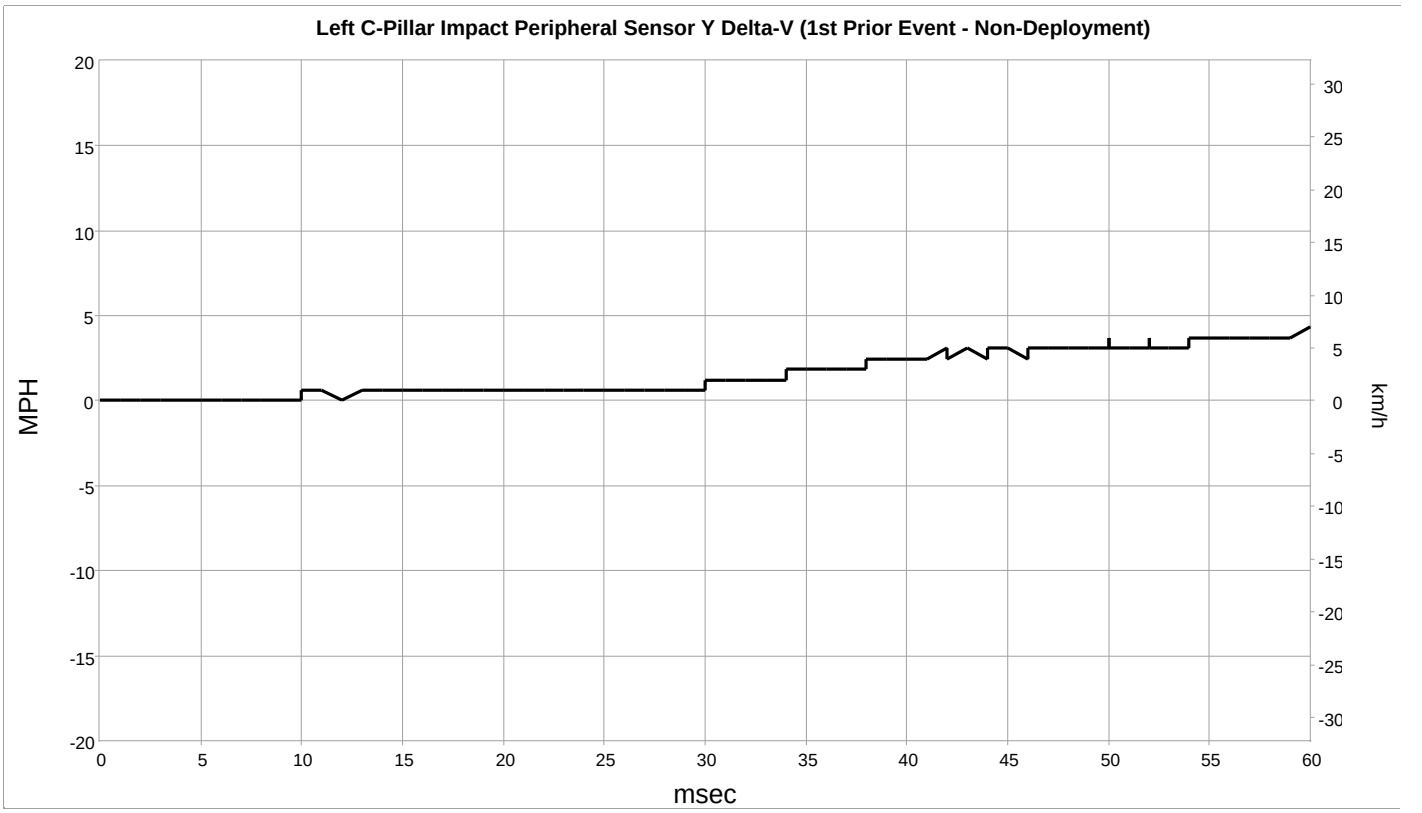

Right B-Pillar Impact Peripheral Sensor Y (1st Prior Event - Non-Deployment)
g
msec
10
9
8
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
0
5
10
15
20
25
30
35
40
45
50
55
60


Right B-Pillar Impact Peripheral Sensor Y Delta-V (1st Prior Event - Non-Deployment)
MPH
km/h
msec
20
15
10
5
0
-5
-10
-15
-20
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60

Right B-Pillar Impact Peripheral Sensor Y (1st Prior Event - Non-Deployment)

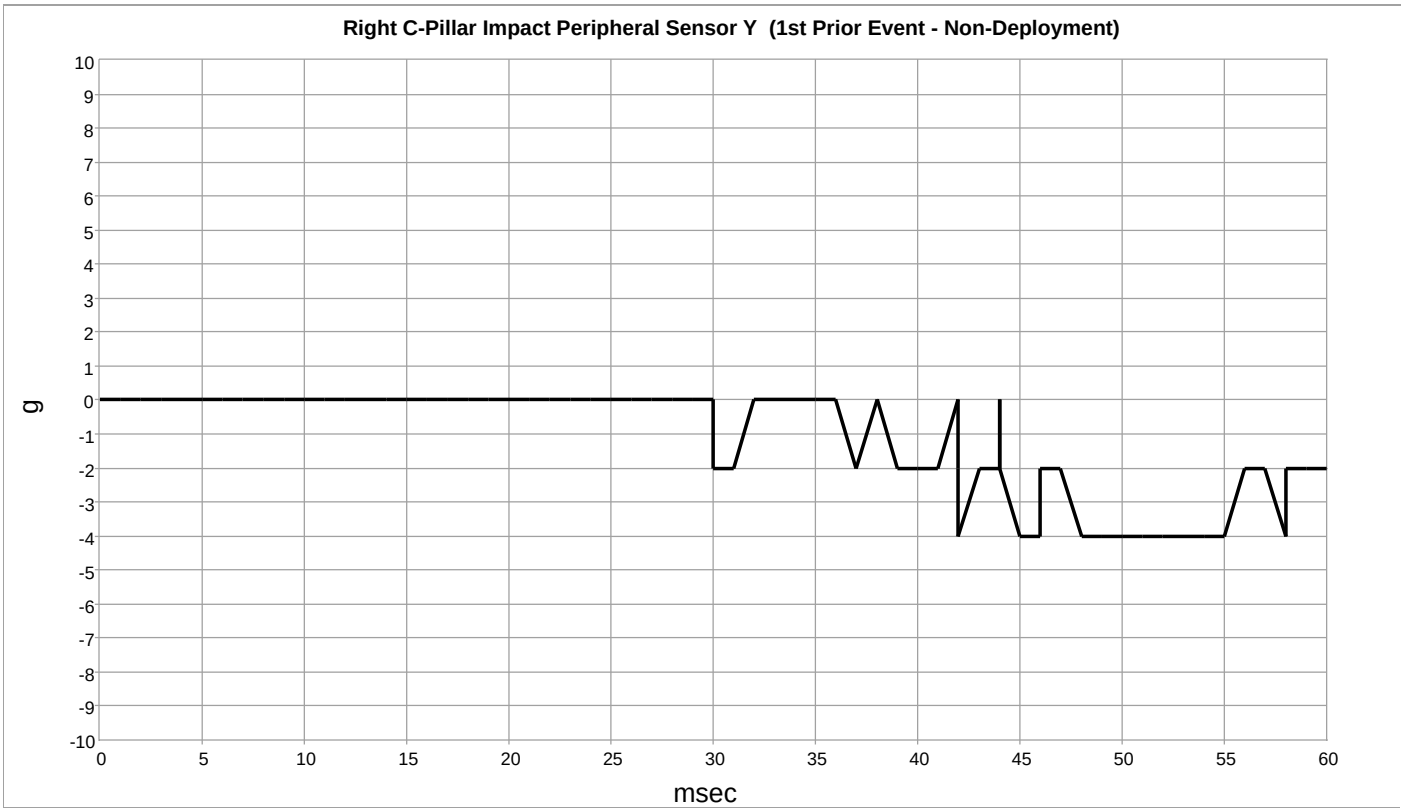
Time (msec)	Right B-Pillar Impact Peripheral Sensor Y (g)	Right B-Pillar Impact Peripheral Sensor Y Delta-V (MPH
0	0.000	0 [0]
0.5	0.000	0 [0]
1	0.000	0 [0]
1.5	0.000	0 [0]
2	0.000	0 [0]
2.5	0.000	0 [0]
3	0.000	0 [0]
3.5	0.000	0 [0]
4	0.000	0 [0]
4.5	0.000	0 [0]
5	0.000	0 [0]
5.5	0.000	0 [0]
6	0.000	0 [0]
6.5	0.000	0 [0]
7	0.000	0 [0]
7.5	0.000	0 [0]
8	0.000	0 [0]
8.5	0.000	0 [0]
9	0.000	0 [0]
9.5	0.000	0 [0]
10	0.000	0 [0]
10.5	0.000	0 [0]
11	0.000	0 [0]
11.5	0.000	0 [0]
12	0.000	0 [0]
12.5	0.000	0 [0]
13	0.000	0 [0]
13.5	0.000	0 [0]
14	-2.000	0 [0]
14.5	0.000	0 [0]
15	0.000	0 [0]
15.5	0.000	0 [0]
16	0.000	0 [0]
16.5	0.000	0 [0]
17	0.000	0 [0]
17.5	-2.000	0 [0]
18	0.000	0 [0]
18.5	0.000	0 [0]
19	0.000	0 [0]
19.5	0.000	0 [0]
20	0.000	0 [0]
20.5	0.000	0 [0]
21	0.000	0 [0]
21.5	0.000	0 [0]
22	0.000	0 [0]
22.5	0.000	0 [0]
23	0.000	0 [0]
23.5	0.000	0 [0]
24	0.000	0 [0]
24.5	0.000	0 [0]
25	0.000	0 [0]
25.5	0.000	0 [0]
26	0.000	0 [0]
26.5	0.000	0 [0]
27	0.000	0 [0]
27.5	0.000	0 [0]
28	0.000	0 [0]
28.5	0.000	0 [0]
29	0.000	0 [0]
29.5	0.000	0 [0]
30	0.000	0 [0]
30.5	0.000	0 [0]
31	0.000	0 [0]
31.5	0.000	0 [0]
32	0.000	0 [0]
32.5	0.000	0 [0]
33	0.000	0 [0]
33.5	0.000	0 [0]
34	0.000	0 [0]
34.5	0.000	0 [0]
35	0.000	0 [0]
35.5	0.000	0 [0]
36	0.000	0 [0]
36.5	0.000	0 [0]
37	0.000	0 [0]
37.5	0.000	0 [0]
38	0.000	0 [0]
38.5	0.000	0 [0]
39	0.000	0 [0]
39.5	0.000	0 [0]
40	-2.000	0 [0]
40.5	-2.000	0 [0]
41	-2.000	0 [0]
41.5	0.000	0 [0]
42	-2.000	0 [0]
42.5	-2.000	0 [0]
43	-2.000	0 [0]
43.5	-2.000	0 [0]
44	-2.000	0 [0]
44.5	-2.000	0 [0]
45	-2.000	0 [0]
45.5	-2.000	0 [0]
46	0.000	0 [0]
46.5	0.000	0 [0]
47	-2.000	0 [0]
47.5	0.000	0 [0]
48	-2.000	0 [0]
48.5	-2.000	-1 [-1]
49	-2.000	-1 [-1]
49.5	-2.000	-1 [-1]
50	-2.000	-1 [-1]
50.5	-2.000	-1 [-1]
51	0.000	-1 [-1]
51.5	0.000	-1 [-1]
52	0.000	-1 [-1]
52.5	-2.000	-1 [-1]
53	-2.000	-1 [-1]
53.5	-2.000	-1 [-1]
54	-2.000	-1 [-1]
54.5	-2.000	-1 [-1]
55	-2.000	-1 [-1]
55.5	-2.000	-1 [-1]
56	-2.000	-1 [-1]
56.5	0.000	-1 [-1]
57	0.000	-1 [-1]
57.5	0.000	-1 [-1]
58	-2.000	-1 [-1]
58.5	-2.000	-1 [-1]
59	-2.000	-1 [-1]
59.5	-4.000	-1 [-1]

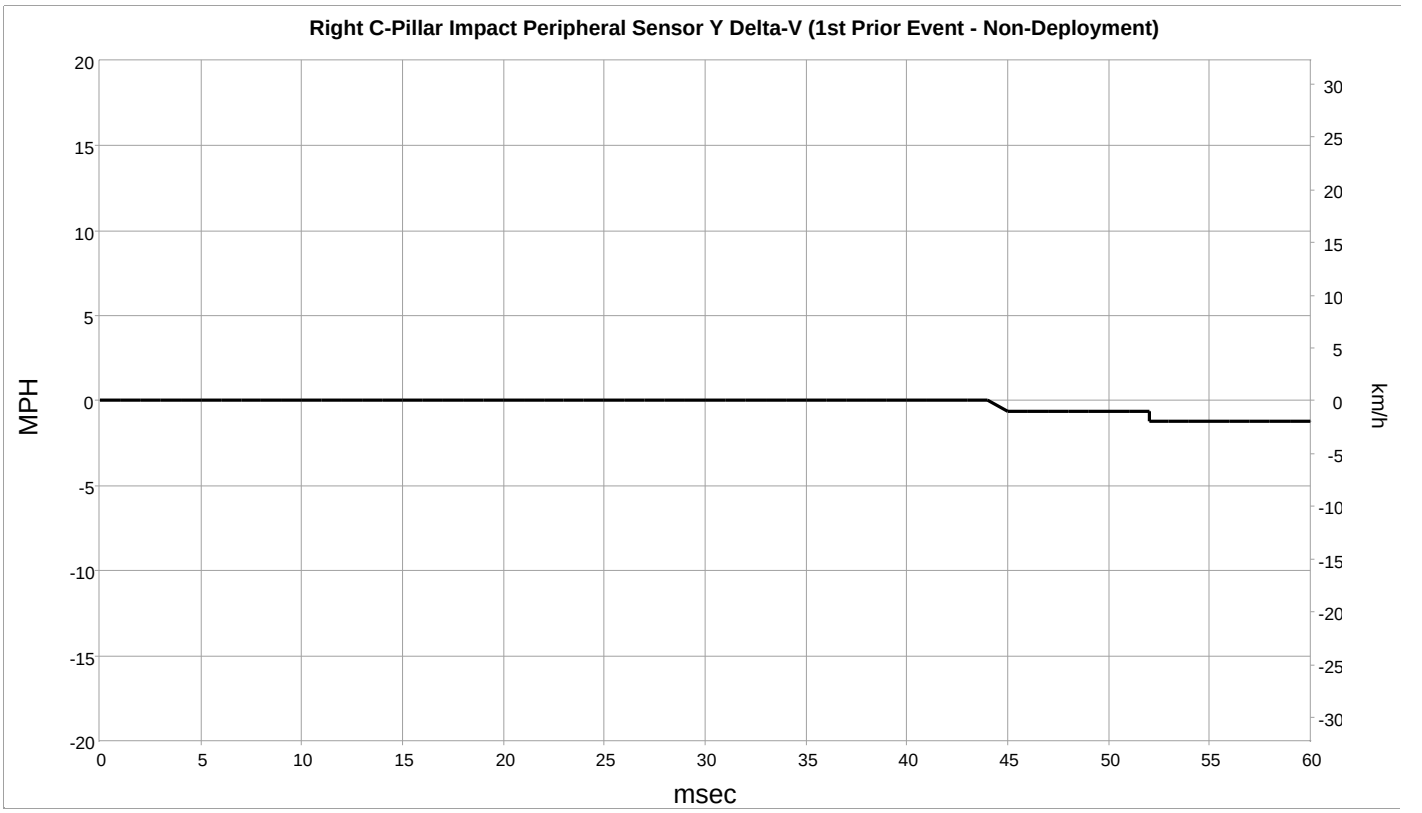

Left C-Pillar Impact Peripheral Sensor Y (1st Prior Event - Non-Deployment)
g
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
0
5
10
15
20
25
30
35
40
45
50
55
60
msec


Left C-Pillar Impact Peripheral Sensor Y Delta-V (1st Prior Event - Non-Deployment)
MPH
20
15
10
5
0
-5
-10
-15
-20
km/h
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60
msec

Left C-Pillar Impact Peripheral Sensor Y (1st Prior Event - Non-Deployment)

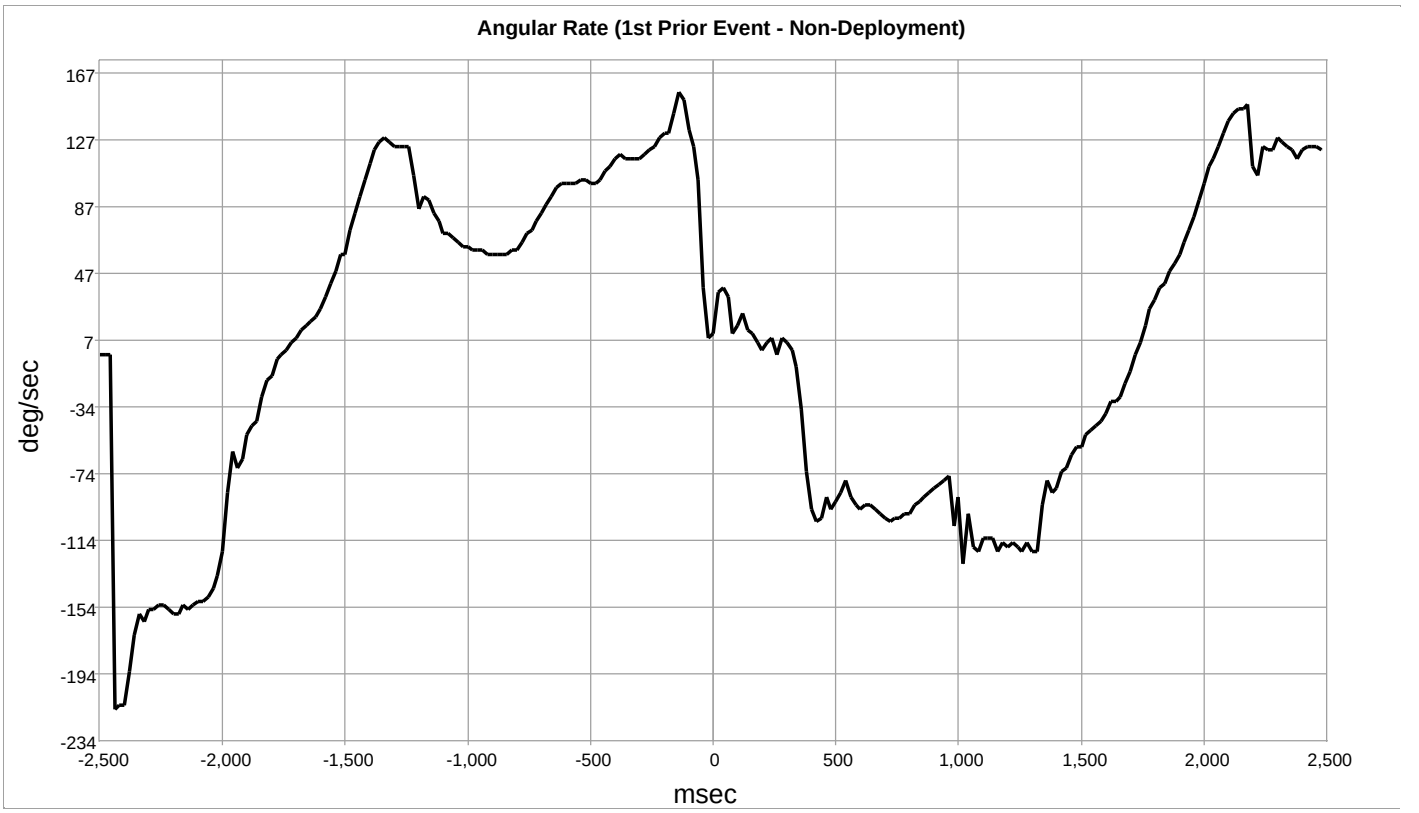
Time (msec)	Left C-Pillar Impact Peripheral Sensor Y (g)	Left C-Pillar Impact Peripheral Sensor Y Delta-V (MPH [km/h])
0	-4.000	0 [0]
0.5	-2.000	0 [0]
1	0.000	0 [0]
1.5	4.000	0 [0]
2	8.000	0 [0]
2.5	4.000	0 [0]
3	0.000	0 [0]
3.5	-4.000	0 [0]
4	0.000	0 [0]
4.5	2.000	0 [0]
5	6.000	0 [0]
5.5	0.000	0 [0]
6	-2.000	0 [0]
6.5	-4.000	0 [0]
7	4.000	0 [0]
7.5	8.000	0 [0]
8	2.000	0 [0]
8.5	-6.000	0 [0]
9	-4.000	0 [0]
9.5	2.000	0 [0]
10	10.000	0 [0]
10.5	10.000	1 [1]
11	0.000	1 [1]
11.5	-6.000	0 [0]
12	-8.000	0 [0]
12.5	4.000	0 [0]
13	6.000	1 [1]
13.5	8.000	1 [1]
14	0.000	1 [1]
14.5	-2.000	1 [1]
15	-2.000	1 [1]
15.5	4.000	1 [1]
16	6.000	1 [1]
16.5	2.000	1 [1]
17	-2.000	1 [1]
17.5	-6.000	1 [1]
18	2.000	1 [1]
18.5	8.000	1 [1]
19	10.000	1 [1]
19.5	2.000	1 [1]
20	-6.000	1 [1]
20.5	-8.000	1 [1]
21	0.000	1 [1]
21.5	6.000	1 [1]
22	10.000	1 [1]
22.5	2.000	1 [1]
23	0.000	1 [1]
23.5	-4.000	1 [1]
24	2.000	1 [1]
24.5	0.000	1 [1]
25	2.000	1 [1]
25.5	4.000	1 [1]
26	2.000	1 [1]
26.5	0.000	1 [1]
27	0.000	1 [1]
27.5	6.000	1 [1]
28	2.000	1 [1]
28.5	4.000	1 [1]
29	-2.000	1 [1]
29.5	0.000	1 [1]
30	2.000	1 [1]
30.5	8.000	1 [2]
31	6.000	1 [2]
31.5	0.000	1 [2]
32	0.000	1 [2]
32.5	0.000	1 [2]
33	10.000	1 [2]
33.5	16.000	1 [2]
34	20.000	2 [3]
34.5	10.000	2 [3]
35	8.000	2 [3]
35.5	6.000	2 [3]
36	14.000	2 [3]
36.5	18.000	2 [3]
37	0.000	2 [3]
37.5	-2.000	2 [3]
38	10.000	2 [4]
38.5	30.000	2 [4]
39	0.000	2 [4]
39.5	-18.000	2 [4]
40	-8.000	2 [4]
40.5	28.000	2 [4]
41	8.000	2 [4]
41.5	10.000	3 [5]
42	14.000	3 [5]
42.5	-18.000	2 [4]
43	4.000	3 [5]
43.5	-8.000	2 [4]
44	10.000	3 [5]
44.5	10.000	3 [5]
45	4.000	3 [5]
45.5	-20.000	2 [4]
46	-16.000	2 [4]
46.5	26.000	3 [5]
47	14.000	3 [5]
47.5	26.000	3 [5]
48	-40.000	3 [5]
48.5	-4.000	3 [5]
49	14.000	3 [5]
49.5	20.000	3 [5]
50	20.000	4 [6]
50.5	-6.000	3 [5]
51	-16.000	3 [5]
51.5	-8.000	3 [5]
52	34.000	4 [6]
52.5	-12.000	3 [5]
53	4.000	3 [5]
53.5	0.000	3 [5]
54	2.000	3 [5]
54.5	32.000	4 [6]
55	-16.000	4 [6]
55.5	10.000	4 [6]
56	22.000	4 [6]
56.5	-12.000	4 [6]
57	-12.000	4 [6]
57.5	0.000	4 [6]
58	-12.000	4 [6]
58.5	14.000	4 [6]
59	26.000	4 [6]
59.5	22.000	4 [7]


Right C-Pillar Impact Peripheral Sensor Y (1st Prior Event - Non-Deployment)
g
msec
10
9
8
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
0
5
10
15
20
25
30
35
40
45
50
55
60


Right C-Pillar Impact Peripheral Sensor Y Delta-V (1st Prior Event - Non-Deployment)
MPH
km/h
msec
20
15
10
5
0
-5
-10
-15
-20
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60

Right C-Pillar Impact Peripheral Sensor Y (1st Prior Event - Non-Deployment)

Time (msec)	Right C-Pillar Impact Peripheral Sensor Y (g)	Right C-Pillar Impact Peripheral Sensor Y Delta-V (MPH
0	0.000	0 [0]
0.5	0.000	0 [0]
1	0.000	0 [0]
1.5	0.000	0 [0]
2	0.000	0 [0]
2.5	0.000	0 [0]
3	0.000	0 [0]
3.5	0.000	0 [0]
4	0.000	0 [0]
4.5	0.000	0 [0]
5	0.000	0 [0]
5.5	0.000	0 [0]
6	0.000	0 [0]
6.5	0.000	0 [0]
7	0.000	0 [0]
7.5	0.000	0 [0]
8	0.000	0 [0]
8.5	0.000	0 [0]
9	0.000	0 [0]
9.5	0.000	0 [0]
10	0.000	0 [0]
10.5	0.000	0 [0]
11	0.000	0 [0]
11.5	0.000	0 [0]
12	0.000	0 [0]
12.5	0.000	0 [0]
13	0.000	0 [0]
13.5	0.000	0 [0]
14	0.000	0 [0]
14.5	0.000	0 [0]
15	0.000	0 [0]
15.5	0.000	0 [0]
16	0.000	0 [0]
16.5	0.000	0 [0]
17	0.000	0 [0]
17.5	0.000	0 [0]
18	0.000	0 [0]
18.5	0.000	0 [0]
19	0.000	0 [0]
19.5	0.000	0 [0]
20	0.000	0 [0]
20.5	0.000	0 [0]
21	0.000	0 [0]
21.5	0.000	0 [0]
22	0.000	0 [0]
22.5	0.000	0 [0]
23	0.000	0 [0]
23.5	0.000	0 [0]
24	0.000	0 [0]
24.5	0.000	0 [0]
25	0.000	0 [0]
25.5	0.000	0 [0]
26	0.000	0 [0]
26.5	0.000	0 [0]
27	0.000	0 [0]
27.5	0.000	0 [0]
28	0.000	0 [0]
28.5	0.000	0 [0]
29	0.000	0 [0]
29.5	0.000	0 [0]
30	0.000	0 [0]
30.5	-2.000	0 [0]
31	-2.000	0 [0]
31.5	0.000	0 [0]
32	0.000	0 [0]
32.5	0.000	0 [0]
33	0.000	0 [0]
33.5	0.000	0 [0]
34	0.000	0 [0]
34.5	0.000	0 [0]
35	0.000	0 [0]
35.5	0.000	0 [0]
36	0.000	0 [0]
36.5	0.000	0 [0]
37	-2.000	0 [0]
37.5	0.000	0 [0]
38	0.000	0 [0]
38.5	0.000	0 [0]
39	-2.000	0 [0]
39.5	-2.000	0 [0]
40	-2.000	0 [0]
40.5	-2.000	0 [0]
41	-2.000	0 [0]
41.5	0.000	0 [0]
42	-2.000	0 [0]
42.5	-4.000	0 [0]
43	-2.000	0 [0]
43.5	-2.000	0 [0]
44	0.000	0 [0]
44.5	-2.000	0 [0]
45	-4.000	-1 [-1]
45.5	-4.000	-1 [-1]
46	-2.000	-1 [-1]
46.5	-2.000	-1 [-1]
47	-2.000	-1 [-1]
47.5	-4.000	-1 [-1]
48	-4.000	-1 [-1]
48.5	-4.000	-1 [-1]
49	-4.000	-1 [-1]
49.5	-4.000	-1 [-1]
50	-4.000	-1 [-1]
50.5	-4.000	-1 [-1]
51	-4.000	-1 [-1]
51.5	-4.000	-1 [-1]
52	-4.000	-1 [-1]
52.5	-4.000	-1 [-2]
53	-4.000	-1 [-2]
53.5	-4.000	-1 [-2]
54	-4.000	-1 [-2]
54.5	-4.000	-1 [-2]
55	-4.000	-1 [-2]
55.5	-2.000	-1 [-2]
56	-2.000	-1 [-2]
56.5	-2.000	-1 [-2]
57	-2.000	-1 [-2]
57.5	-4.000	-1 [-2]
58	-4.000	-1 [-2]
58.5	-2.000	-1 [-2]
59	-2.000	-1 [-2]
59.5	-2.000	-1 [-2]


Angular Rate (1st Prior Event - Non-Deployment)
167
127
87
47
7
-34
-74
-114
-154
-194
-234
deg/sec
-2,500
-2,000
-1,500
-1,000
-500
0
500
1,000
1,500
2,000
2,500
msec

Angular Rate (1st Prior Event - Non-Deployment)

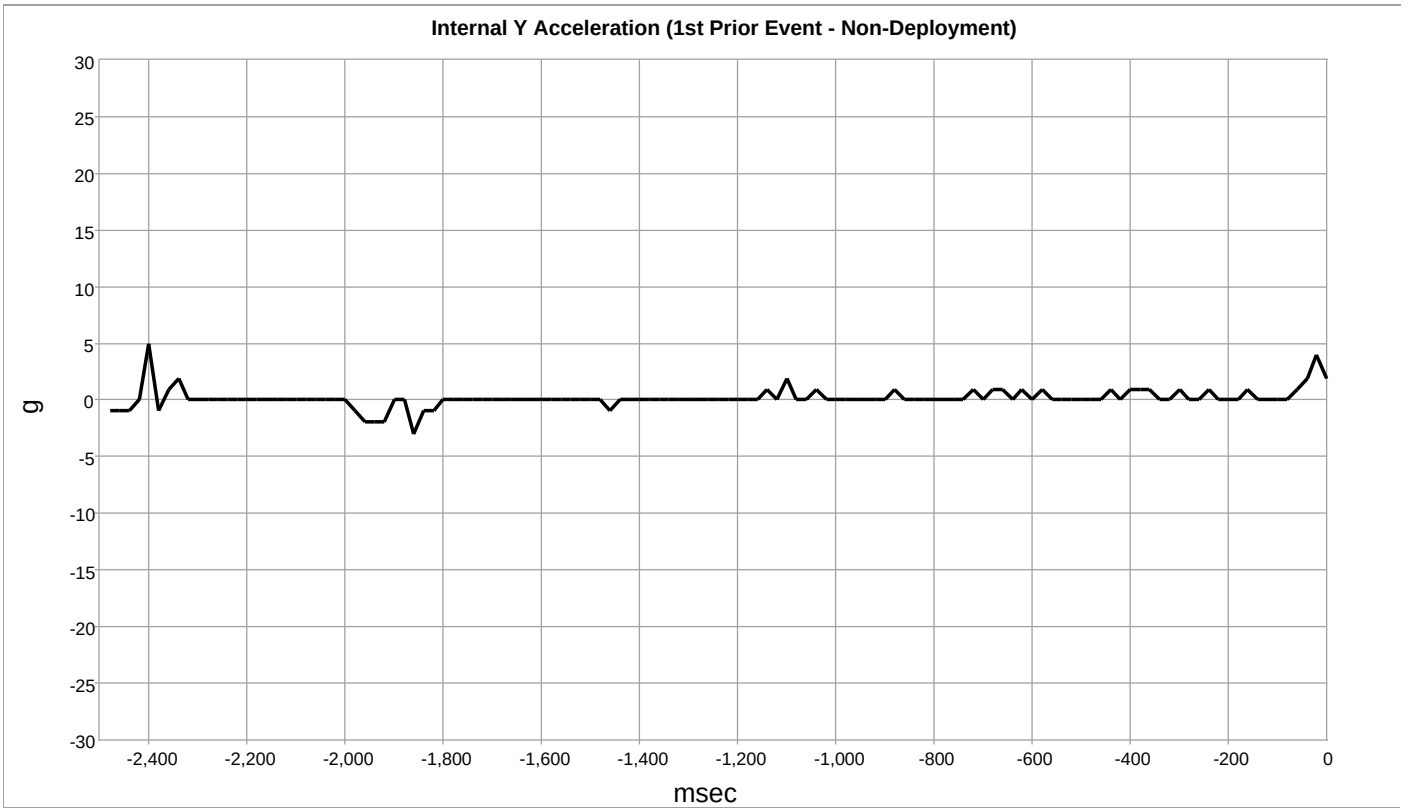
Time (msec)	Angular Rate (deg/sec)
-2500	-2.5
-2480	-2.5
-2460	-2.5
-2440	-215.0
-2420	-212.5
-2400	-212.5
-2380	-192.5
-2360	-170.0
-2340	-157.5
-2320	-162.5
-2300	-155.0
-2280	-155.0
-2260	-152.5
-2240	-152.5
-2220	-155.0
-2200	-157.5
-2180	-157.5
-2160	-152.5
-2140	-155.0
-2120	-152.5
-2100	-150.0
-2080	-150.0
-2060	-147.5
-2040	-142.5
-2020	-135.0
-2000	-120.0
-1980	-85.0
-1960	-60.0
-1940	-70.0
-1920	-65.0
-1900	-50.0
-1880	-45.0
-1860	-42.5
-1840	-27.5
-1820	-17.5
-1800	-15.0
-1780	-5.0
-1760	-2.5
-1740	0.0
-1720	5.0
-1700	7.5
-1680	12.5
-1660	15.0
-1640	17.5
-1620	20.0
-1600	25.0
-1580	32.5
-1560	40.0
-1540	47.5
-1520	57.5

Time (msec)	Angular Rate (deg/sec)
-1500	57.5
-1480	72.5
-1460	82.5
-1440	92.5
-1420	102.5
-1400	112.5
-1380	120.0
-1360	125.0
-1340	127.5
-1320	125.0
-1300	122.5
-1280	122.5
-1260	122.5
-1240	122.5
-1220	105.0
-1200	85.0
-1180	92.5
-1160	90.0
-1140	82.5
-1120	77.5
-1100	70.0
-1080	70.0
-1060	67.5
-1040	65.0
-1020	62.5
-1000	62.5
-980	60.0
-960	60.0
-940	60.0
-920	57.5
-900	57.5
-880	57.5
-860	57.5
-840	57.5
-820	60.0
-800	60.0
-780	65.0
-760	70.0
-740	72.5
-720	77.5
-700	82.5
-680	87.5
-660	92.5
-640	97.5
-620	100.0
-600	100.0
-580	100.0
-560	100.0
-540	102.5
-520	102.5

Time (msec)	Angular Rate (deg/sec)
-500	100.0
-480	100.0
-460	102.5
-440	107.5
-420	110.0
-400	115.0
-380	117.5
-360	115.0
-340	115.0
-320	115.0
-300	115.0
-280	117.5
-260	120.0
-240	122.5
-220	127.5
-200	130.0
-180	130.0
-160	142.5
-140	155.0
-120	150.0
-100	132.5
-80	122.5
-60	102.5
-40	37.5
-20	7.5
0	10.0
20	35.0
40	37.5
60	32.5
80	10.0
100	15.0
120	22.5
140	12.5
160	10.0
180	5.0
200	0.0
220	5.0
240	7.5
260	-2.5
280	7.5
300	5.0
320	0.0
340	-10.0
360	-35.0
380	-72.5
400	-95.0
420	-102.5
440	-100.0
460	-87.5
480	-95.0

Angular Rate (1st Prior Event - Non-Deployment)

Time (msec)	Angular Rate (deg/sec)	Time (msec)	Angular Rate (deg/sec)
500	-90.0	1500	-57.5
520	-85.0	1520	-50.0
540	-77.5	1540	-47.5
560	-87.5	1560	-45.0
580	-92.5	1580	-42.5
600	-95.0	1600	-37.5
620	-92.5	1620	-30.0
640	-92.5	1640	-30.0
660	-95.0	1660	-27.5
680	-97.5	1680	-20.0
700	-100.0	1700	-12.5
720	-102.5	1720	-2.5
740	-100.0	1740	5.0
760	-100.0	1760	15.0
780	-97.5	1780	25.0
800	-97.5	1800	30.0
820	-92.5	1820	37.5
840	-90.0	1840	40.0
860	-87.5	1860	47.5
880	-85.0	1880	52.5
900	-82.5	1900	57.5
920	-80.0	1920	65.0
940	-77.5	1940	72.5
960	-75.0	1960	80.0
980	-105.0	1980	90.0
1000	-87.5	2000	100.0
1020	-127.5	2020	110.0
1040	-97.5	2040	115.0
1060	-117.5	2060	122.5
1080	-120.0	2080	130.0
1100	-112.5	2100	137.5
1120	-112.5	2120	142.5
1140	-112.5	2140	145.0
1160	-120.0	2160	145.0
1180	-115.0	2180	147.5
1200	-117.5	2200	110.0
1220	-115.0	2220	105.0
1240	-117.5	2240	122.5
1260	-120.0	2260	120.0
1280	-115.0	2280	120.0
1300	-120.0	2300	127.5
1320	-120.0	2320	125.0
1340	-92.5	2340	122.5
1360	-77.5	2360	120.0
1380	-85.0	2380	115.0
1400	-82.5	2400	120.0
1420	-72.5	2420	122.5
1440	-70.0	2440	122.5
1460	-62.5	2460	122.5
1480	-57.5	2480	120.0

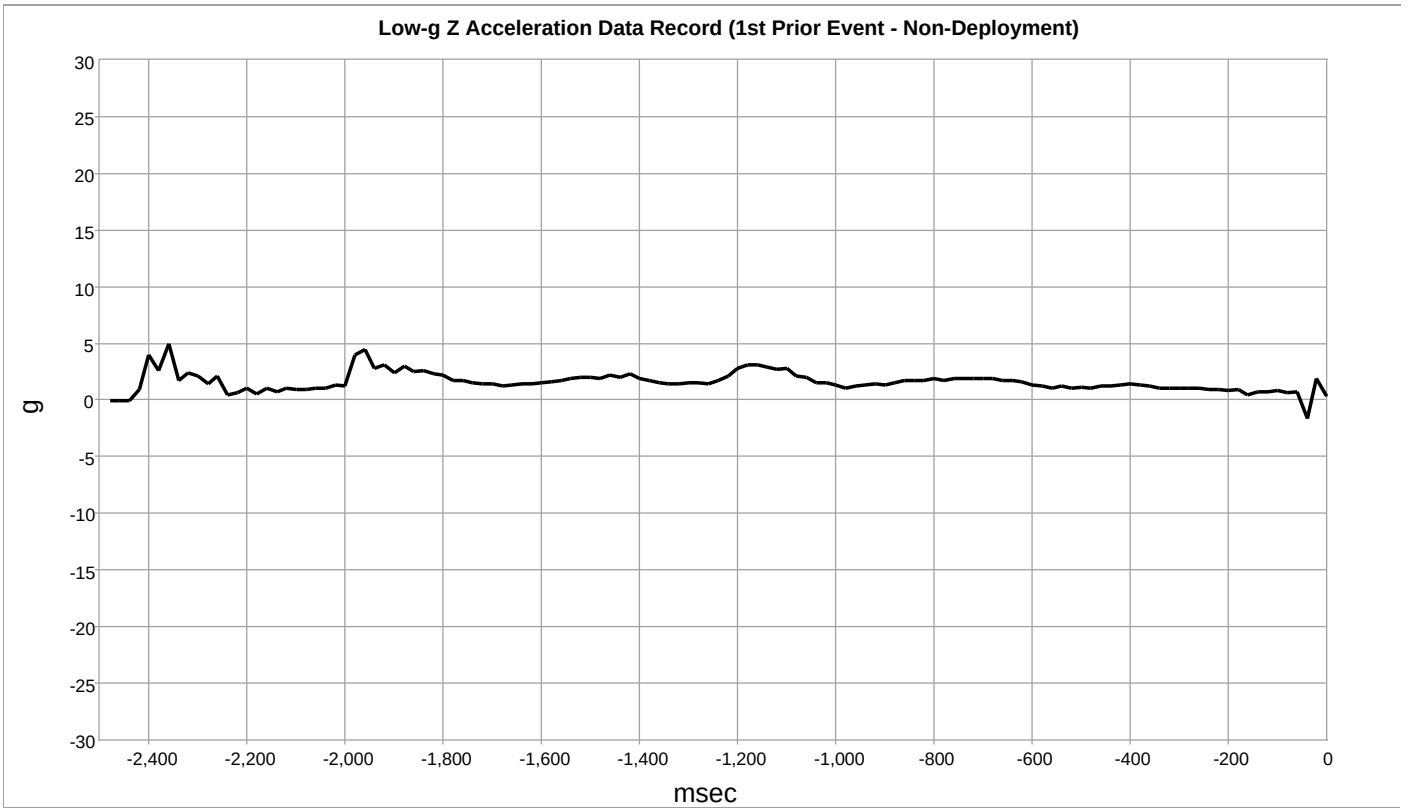

Internal Y Acceleration (1st Prior Event - Non-Deployment)
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
g
-2,400
-2,200
-2,000
-1,800
-1,600
-1,400
-1,200
-1,000
-800
-600
-400
-200
0
msec

Internal Y Acceleration (1st Prior Event - Non-Deployment)

Time (msec)	Internal Y Acceleration (g)
-2480	-0.97656
-2460	-0.97656
-2440	-0.97656
-2420	0.00000
-2400	4.98045
-2380	-0.97656
-2360	0.97656
-2340	1.95312
-2320	0.00000
-2300	0.00000
-2280	0.00000
-2260	0.00000
-2240	0.00000
-2220	0.00000
-2200	0.00000
-2180	0.00000
-2160	0.00000
-2140	0.00000
-2120	0.00000
-2100	0.00000
-2080	0.00000
-2060	0.00000
-2040	0.00000
-2020	0.00000
-2000	0.00000
-1980	-0.97656
-1960	-1.95312
-1940	-1.95312
-1920	-1.95312
-1900	0.00000
-1880	0.00000
-1860	-2.97850
-1840	-0.97656
-1820	-0.97656
-1800	0.00000
-1780	0.00000
-1760	0.00000
-1740	0.00000
-1720	0.00000
-1700	0.00000
-1680	0.00000
-1660	0.00000
-1640	0.00000
-1620	0.00000
-1600	0.00000
-1580	0.00000
-1560	0.00000
-1540	0.00000
-1520	0.00000
-1500	0.00000

Time (msec)	Internal Y Acceleration (g)
-1480	0.00000
-1460	-0.97656
-1440	0.00000
-1420	0.00000
-1400	0.00000
-1380	0.00000
-1360	0.00000
-1340	0.00000
-1320	0.00000
-1300	0.00000
-1280	0.00000
-1260	0.00000
-1240	0.00000
-1220	0.00000
-1200	0.00000
-1180	0.00000
-1160	0.00000
-1140	0.97656
-1120	0.00000
-1100	1.95312
-1080	0.00000
-1060	0.00000
-1040	0.97656
-1020	0.00000
-1000	0.00000
-980	0.00000
-960	0.00000
-940	0.00000
-920	0.00000
-900	0.00000
-880	0.97656
-860	0.00000
-840	0.00000
-820	0.00000
-800	0.00000
-780	0.00000
-760	0.00000
-740	0.00000
-720	0.97656
-700	0.00000
-680	0.97656
-660	0.97656
-640	0.00000
-620	0.97656
-600	0.00000
-580	0.97656
-560	0.00000
-540	0.00000
-520	0.00000
-500	0.00000

Time (msec)	Internal Y Acceleration (g)
-480	0.00000
-460	0.00000
-440	0.97656
-420	0.00000
-400	0.97656
-380	0.97656
-360	0.97656
-340	0.00000
-320	0.00000
-300	0.97656
-280	0.00000
-260	0.00000
-240	0.97656
-220	0.00000
-200	0.00000
-180	0.00000
-160	0.97656
-140	0.00000
-120	0.00000
-100	0.00000
-80	0.00000
-60	0.97656
-40	1.95312
-20	3.95506
0	1.95312


Low-g Z Acceleration Data Record (1st Prior Event - Non-Deployment)
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
g
-2,400
-2,200
-2,000
-1,800
-1,600
-1,400
-1,200
-1,000
-800
-600
-400
-200
0
msec

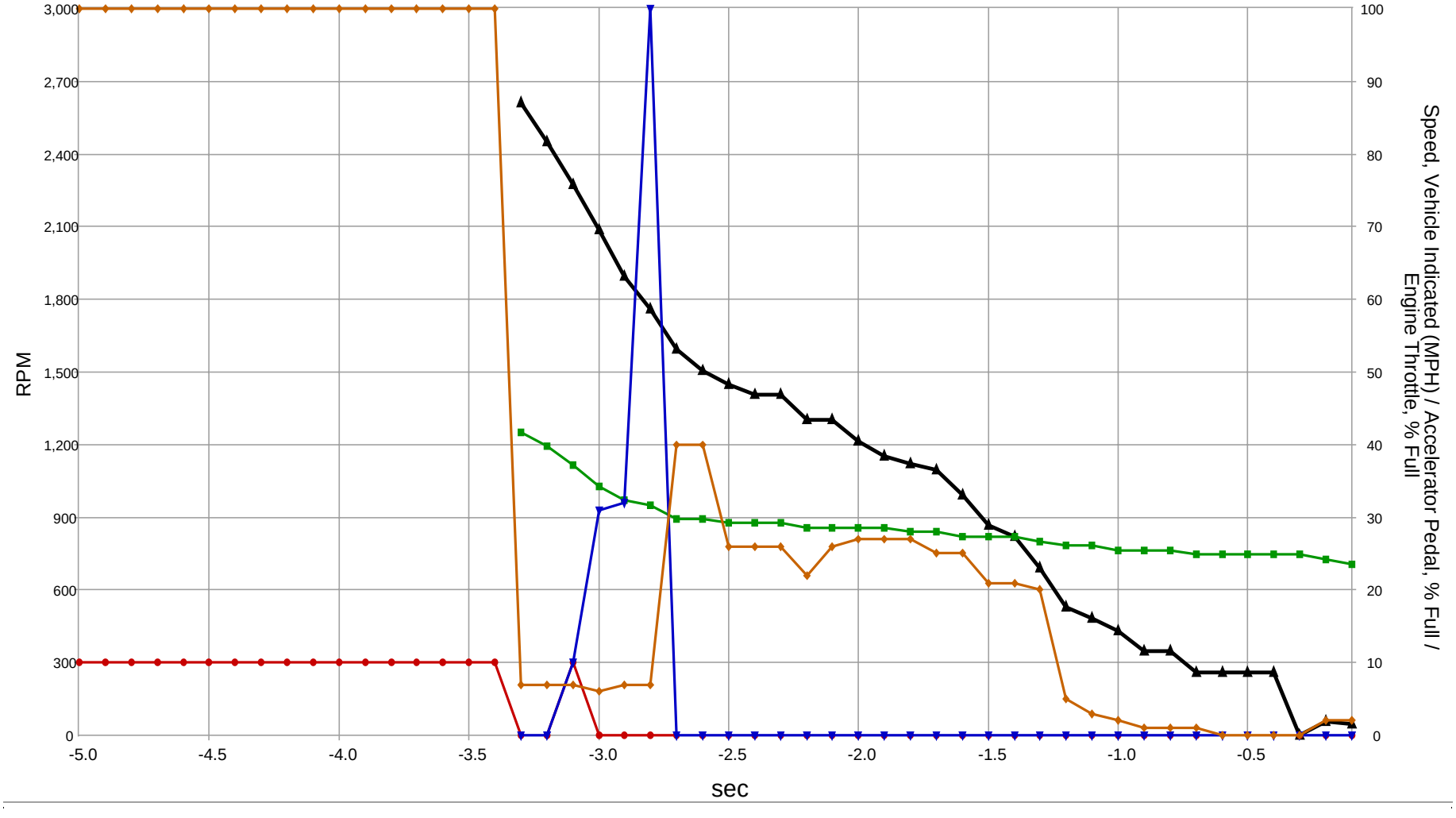
Low-g Z Acceleration Data Record (1st Prior Event - Non-Deployment)

Time (msec)	Low-g Z Acceleration Data Record (g)
-2480	-0.06245
-2460	-0.06245
-2440	-0.06245
-2420	0.93747
-2400	3.93747
-2380	2.56238
-2360	4.93740
-2340	1.68736
-2320	2.43747
-2300	2.12498
-2280	1.37487
-2260	2.06231
-2240	0.43740
-2220	0.62498
-2200	0.99992
-2180	0.56231
-2160	0.99992
-2140	0.68743
-2120	1.06238
-2100	0.93747
-2080	0.93747
-2060	0.99992
-2040	0.99992
-2020	1.31242
-2000	1.24996
-1980	3.93747
-1960	4.49999
-1940	2.81241
-1920	3.12491
-1900	2.43747
-1880	2.99999
-1860	2.49992
-1840	2.56238
-1820	2.31234
-1800	2.18743
-1780	1.74982
-1760	1.68736
-1740	1.56245
-1720	1.43733
-1700	1.37487
-1680	1.24996
-1660	1.31242
-1640	1.37487
-1620	1.37487
-1600	1.49999
-1580	1.62491
-1560	1.74982
-1540	1.93740
-1520	1.99985
-1500	1.99985

Time (msec)	Low-g Z Acceleration Data Record (g)
-1480	1.93740
-1460	2.24989
-1440	1.99985
-1420	2.31234
-1400	1.93740
-1380	1.68736
-1360	1.49999
-1340	1.37487
-1320	1.37487
-1300	1.49999
-1280	1.49999
-1260	1.43733
-1240	1.68736
-1220	2.12498
-1200	2.81241
-1180	3.12491
-1160	3.06245
-1140	2.87487
-1120	2.68729
-1100	2.74996
-1080	2.06231
-1060	1.99985
-1040	1.56245
-1020	1.56245
-1000	1.31242
-980	1.06238
-960	1.18729
-940	1.31242
-920	1.37487
-900	1.31242
-880	1.56245
-860	1.74982
-840	1.68736
-820	1.74982
-800	1.93740
-780	1.68736
-760	1.87494
-740	1.93740
-720	1.93740
-700	1.87494
-680	1.93740
-660	1.74982
-640	1.74982
-620	1.62491
-600	1.31242
-580	1.24996
-560	1.06238
-540	1.18729
-520	0.99992
-500	1.12484

Time (msec)	Low-g Z Acceleration Data Record (g)
-480	1.06238
-460	1.18729
-440	1.24996
-420	1.31242
-400	1.43733
-380	1.31242
-360	1.18729
-340	0.99992
-320	0.99992
-300	1.06238
-280	1.06238
-260	0.99992
-240	0.93747
-220	0.93747
-200	0.87480
-180	0.93747
-160	0.43740
-140	0.74989
-120	0.68743
-100	0.81235
-80	0.62498
-60	0.68743
-40	-1.62491
-20	1.93740
0	0.37494

Pre-Crash Data -5 to 0 Sec



Pre-Crash Data -5 to 0 Sec (Part I - 100 msec) (1st Prior Event - Non-Deployment) - Table 1 of 2

Time (sec)	Pre-Crash Recorder Status	Speed, Vehicle Indicated (MPH [km/h])	Accelerator Pedal, % Full (%)	Engine Throttle, % Full (%)	Service Brake	Engine RPM (RPM)	ABS Activity	Stability Control
-5.0	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-4.9	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-4.8	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-4.7	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-4.6	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-4.5	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-4.4	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-4.3	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-4.2	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-4.1	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-4.0	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-3.9	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-3.8	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-3.7	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-3.6	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-3.5	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-3.4	Complete	SNA	SNA	100	On	SNA	Yes	Engaged
-3.3	Complete	42 [67]	0	7	Off	2,611	Yes	Partial Off
-3.2	Complete	40 [64]	0	7	Off	2,452	Yes	Partial Off
-3.1	Complete	37 [60]	10	7	On	2,274	Yes	Partial Off
-3.0	Complete	34 [55]	31	6	Off	2,084	Yes	Partial Off
-2.9	Complete	32 [52]	32	7	Off	1,897	Yes	Partial Off
-2.8	Complete	32 [51]	100	7	Off	1,761	Yes	Partial Off
-2.7	Complete	30 [48]	0	40	Off	1,595	Yes	Partial Off
-2.6	Complete	30 [48]	0	40	Off	1,503	Yes	Partial Off
-2.5	Complete	29 [47]	0	26	Off	1,450	Yes	Partial Off
-2.4	Complete	29 [47]	0	26	Off	1,405	Yes	Partial Off
-2.3	Complete	29 [47]	0	26	Off	1,405	Yes	Partial Off
-2.2	Complete	29 [46]	0	22	Off	1,305	Yes	Partial Off
-2.1	Complete	29 [46]	0	26	Off	1,305	Yes	Partial Off
-2.0	Complete	29 [46]	0	27	Off	1,212	Yes	Partial Off
-1.9	Complete	29 [46]	0	27	Off	1,153	Yes	Partial Off
-1.8	Complete	28 [45]	0	27	Off	1,123	Yes	Partial Off
-1.7	Complete	28 [45]	0	25	Off	1,093	Yes	Partial Off
-1.6	Complete	27 [44]	0	25	Off	992	Yes	Partial Off
-1.5	Complete	27 [44]	0	21	Off	867	Yes	Partial Off
-1.4	Complete	27 [44]	0	21	Off	819	Yes	Partial Off
-1.3	Complete	27 [43]	0	20	Off	691	Yes	Partial Off
-1.2	Complete	26 [42]	0	5	Off	527	Yes	Partial Off
-1.1	Complete	26 [42]	0	3	Off	484	Yes	Partial Off
-1.0	Complete	25 [41]	0	2	Off	429	Yes	Partial Off
-0.9	Complete	25 [41]	0	1	Off	350	Yes	Partial Off
-0.8	Complete	25 [41]	0	1	Off	350	Yes	Partial Off
-0.7	Complete	25 [40]	0	1	Off	260	Yes	Partial Off
-0.6	Complete	25 [40]	0	0	Off	260	Yes	Partial Off
-0.5	Complete	25 [40]	0	0	Off	260	Yes	Partial Off
-0.4	Complete	25 [40]	0	0	Off	260	Yes	Partial Off
-0.3	Complete	25 [40]	0	0	Off	0	Yes	Partial Off
-0.2	Complete	24 [39]	0	2	Off	56	Yes	Partial Off
-0.1	Complete	24 [38]	0	2	Off	47	Yes	Partial Off

Pre-Crash Data -5 to 0 Sec (Part I - 100 msec) (1st Prior Event - Non-Deployment) - Table 2 of 2

Time (sec)	Steering Input (deg)
-5.0	SNA
-4.9	SNA
-4.8	SNA
-4.7	SNA
-4.6	SNA
-4.5	SNA
-4.4	SNA
-4.3	SNA
-4.2	SNA
-4.1	SNA
-4.0	SNA
-3.9	SNA
-3.8	SNA
-3.7	SNA
-3.6	SNA
-3.5	SNA
-3.4	SNA
-3.3	23.0
-3.2	10.6
-3.1	19.6
-3.0	26.6
-2.9	17.1
-2.8	23.6
-2.7	29.5
-2.6	18.6
-2.5	9.3
-2.4	4.1
-2.3	-1.5
-2.2	-9.5
-2.1	-8.1
-2.0	-1.6
-1.9	-5.0
-1.8	-9.0
-1.7	-12.8
-1.6	-25.5
-1.5	-67.0
-1.4	-68.1
-1.3	-45.6
-1.2	-46.0
-1.1	-56.4
-1.0	-50.3
-0.9	-43.6
-0.8	-43.6
-0.7	-42.8
-0.6	-42.7
-0.5	-42.1
-0.4	-41.2
-0.3	-37.8
-0.2	-36.5
-0.1	-18.2

Pre-Crash Data -5 to 0 Sec (Part II - 100 msec) (1st Prior Event - Non-Deployment)

Time (sec)	Pre-Crash Recorder Status	Braking system, Maximum Braking	Wheel Speed, LF (MPH [km/h])	Wheel Speed, RF (MPH [km/h])	Wheel Speed, LR (MPH [km/h])	Wheel Speed, RR (MPH [km/h])	Yaw Rate (deg/sec)	Master Cylinder Pressure (Bar)
-5.0	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-4.9	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-4.8	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-4.7	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-4.6	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-4.5	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-4.4	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-4.3	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-4.2	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-4.1	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-4.0	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-3.9	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-3.8	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-3.7	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-3.6	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-3.5	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-3.4	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-3.3	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-3.2	Complete	Active	SNA	SNA	SNA	SNA	SNA	SNA
-3.1	Complete	Not Active	74 [119]	74 [119]	7 [12]	6 [10]	27.20	0.00
-3.0	Complete	Not Active	71 [114]	71 [115]	6 [10]	6 [10]	92.32	0.75
-2.9	Complete	Not Active	69 [111]	70 [112]	4 [7]	6 [10]	98.40	3.00
-2.8	Complete	Not Active	64 [103]	66 [107]	2 [4]	6 [10]	100.64	0.00
-2.7	Complete	Not Active	62 [99]	64 [103]	1 [2]	6 [10]	100.08	0.00
-2.6	Complete	Not Active	62 [99]	55 [89]	2 [3]	1 [2]	95.68	0.00
-2.5	Complete	Not Active	57 [92]	56 [90]	2 [3]	5 [8]	87.60	0.00
-2.4	Complete	Not Active	56 [90]	51 [82]	3 [5]	3 [5]	85.12	0.00
-2.3	Complete	Not Active	55 [89]	47 [75]	3 [5]	1 [2]	84.80	0.00
-2.2	Complete	Not Active	54 [87]	47 [75]	4 [6]	1 [1]	85.36	0.00
-2.1	Complete	Not Active	53 [85]	47 [75]	5 [8]	1 [1]	85.28	0.00
-2.0	Complete	Not Active	50 [80]	42 [67]	7 [12]	2 [4]	85.20	0.00
-1.9	Complete	Not Active	48 [77]	36 [58]	9 [14]	1 [1]	84.00	0.00
-1.8	Complete	Not Active	46 [74]	35 [56]	10 [16]	1 [1]	84.40	0.00
-1.7	Complete	Not Active	45 [72]	34 [55]	11 [18]	1 [1]	85.28	0.00
-1.6	Complete	Not Active	43 [70]	33 [53]	12 [19]	1 [1]	85.28	0.00
-1.5	Complete	Not Active	41 [66]	27 [43]	13 [21]	1 [1]	88.00	0.00
-1.4	Complete	Not Active	38 [61]	21 [34]	16 [25]	1 [1]	92.08	0.00
-1.3	Complete	Not Active	37 [60]	21 [34]	16 [26]	1 [1]	92.40	0.00
-1.2	Complete	Not Active	36 [58]	18 [29]	17 [27]	1 [2]	90.56	0.00
-1.1	Complete	Not Active	34 [54]	12 [20]	19 [30]	2 [3]	90.24	0.00
-1.0	Complete	Not Active	32 [51]	9 [14]	19 [31]	4 [7]	86.40	0.00
-0.9	Complete	Not Active	30 [49]	6 [9]	21 [33]	4 [7]	77.60	0.00
-0.8	Complete	Not Active	29 [47]	4 [6]	21 [33]	5 [8]	64.32	0.00
-0.7	Complete	Not Active	29 [46]	2 [4]	21 [34]	5 [8]	53.84	0.00
-0.6	Complete	Not Active	28 [45]	2 [3]	22 [35]	5 [8]	45.20	0.00
-0.5	Complete	Not Active	27 [44]	1 [2]	22 [35]	5 [8]	29.68	0.00
-0.4	Complete	Not Active	27 [44]	1 [2]	22 [36]	5 [8]	19.28	0.00
-0.3	Complete	Not Active	27 [43]	1 [1]	22 [36]	5 [8]	-11.92	0.00
-0.2	Complete	Not Active	26 [42]	0 [0]	22 [36]	5 [8]	14.32	0.00
-0.1	Complete	Not Active	24 [38]	0 [0]	13 [21]	16 [25]	13.76	0.00

Pre-Crash Data -5 to 0 Sec (Part II - 250 msec) (1st Prior Event - Non-Deployment) - Table 1 of 3

Time (sec)	Pre-Crash Recorder Status	Current Gear	Tire Pressure Indicator Lamp	Tire Pressure status, LF	Tire Pressure status, RF	Tire Pressure status, LR	Tire Pressure status, RR	Tire Pressure, LF (psi)
-5.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-4.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-4.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-4.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-4.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-3.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-3.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-3.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-3.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-2.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-2.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-2.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-2.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-1.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-1.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-1.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-1.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-0.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-0.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-0.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18

Pre-Crash Data -5 to 0 Sec (Part II - 250 msec) (1st Prior Event - Non-Deployment) - Table 2 of 3

Time (sec)	Tire Pressure, RF (psi)	Tire Pressure, LR (psi)	Tire Pressure, RR (psi)	Cruise Control Status	Cruise Control Engaged	Cruise Control Override	ETC Lamp	Reverse gear (MTX)
-5.00	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-4.75	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-4.50	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-4.25	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-4.00	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-3.75	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-3.50	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-3.25	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-3.00	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-2.75	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-2.50	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-2.25	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-2.00	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-1.75	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-1.50	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-1.25	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-1.00	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-0.75	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-0.50	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-0.25	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse

Pre-Crash Data -5 to 0 Sec (Part II - 250 msec) (1st Prior Event - Non-Deployment) - Table 3 of 3

Time (sec)	Shift Lever Position	PCM MIL
-5.00	Drive	On
-4.75	Drive	On
-4.50	Drive	On
-4.25	Drive	On
-4.00	Drive	On
-3.75	Drive	On
-3.50	Drive	On
-3.25	Drive	On
-3.00	Drive	On
-2.75	Drive	On
-2.50	Drive	On
-2.25	Drive	On
-2.00	Drive	On
-1.75	Drive	On
-1.50	Drive	On
-1.25	Drive	On
-1.00	Drive	On
-0.75	Drive	On
-0.50	Drive	On
-0.25	Drive	On

System Configuration at Event (2nd Prior Event - Deployment)

Configured for Driver Frontal Airbag	Yes
Configured for Driver Knee Airbag	Yes
Configured for Driver Seatbelt Retractor Pretensioner	Yes
Configured for Driver Seatbelt Load Limiter	Yes
Configured for Driver Seatbelt Anchor Pretensioner	Yes
Configured for Driver Seatbelt Buckle Switch	Yes
Configured for Driver Seat Track Position Sensor	Yes
Configured for Left Side Curtain Airbag	Yes
Configured for Left Front Seat Side Airbag	Yes
Configured for Passenger Frontal Airbag	Yes
Configured for Passenger Seatbelt Retractor Pretensioner	Yes
Configured for Passenger Seatbelt Load Limiter	Yes
Configured for Passenger Seatbelt Anchor Pretensioner	Yes
Configured for Passenger Seatbelt Buckle Switch	Yes
Configured for Passenger Seat Track Position Sensor	Yes
Configured for Right Side Curtain Airbag	Yes
Configured for Right Front Seat Side Airbag	Yes
Configured for Rollover Sensing	Yes
Configured for Occupant Classification	Yes

System Status at Event (2nd Prior Event - Deployment)

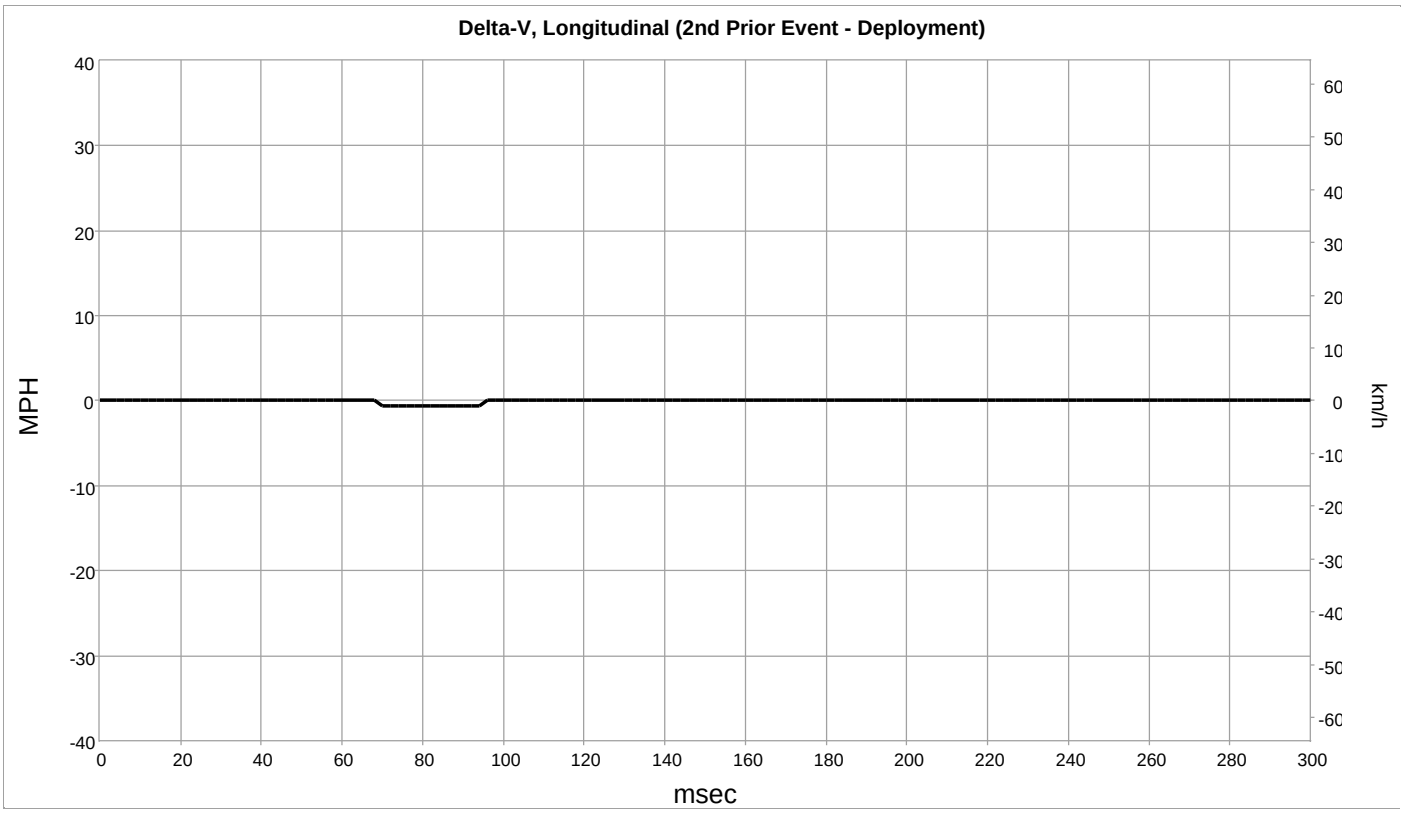
Event Number	2
Complete File Recorded	Yes
Ignition Cycle, Crash	3,388
Multi-Event, Number of Events	2
Time From Event 1 to 2 (sec)	0.1
Safety Belt Status, Driver	Buckled
Safety Belt Status, Passenger	Buckled
Seat Track Position Switch, Foremost, Status, Driver	Not Frontal Zone
Seat Track Position Switch, Foremost, Status, Right Front Passenger	Not Frontal Zone
Occupant Size Classification, Outboard Front Passenger	Not a Child
Maximum Delta-V, Longitudinal (MPH [km/h])	-0.6 [-1]
Time, Maximum Delta-V, Longitudinal (ms)	70
Maximum Delta-V, Lateral (MPH [km/h])	0.0 [0]
Time, Maximum Delta-V, Lateral (ms)	0
Frontal Airbag Warning Lamp	Off
Operation system time	2,391,433.45
Airbag Warning Lamp On Time (min)	0
Total Number of Events	4
ECU System Voltage at Event	15
Odometer at Event (miles [km])	12781.6 [20,570]
VIN at Event (last 8 characters)	JT******

Deployment Command Data (2nd Prior Event - Deployment)

Frontal Airbag Deployment, 1st Stage, Driver	No
Frontal Airbag deployment, Time to Deploy 1st stage, Driver (ms)	N/A
Frontal Airbag Deployment, 2nd Stage, Driver	No
Frontal Airbag deployment, Time to Deploy 2nd stage, Driver (ms)	N/A
Frontal Airbag, Deployment 1st Stage, Passenger	No
Frontal Airbag deployment, Time to Deploy 1st stage, Passenger (ms)	N/A
Frontal Airbag, Deployment 2nd Stage, Passenger	No
Front Airbag, Time to Deploy 2nd stage, Passenger (ms)	N/A
Front Airbag, Deployment 3rd Squib, Passenger	No
Front Airbag, Time to Deploy 3rd Squib, Passenger (ms)	N/A
Knee Airbag Deployment, Driver	No
Retractor Pretensioner Deployment, Driver	Yes
Retractor Pretensioner Deployment, Passenger	Yes
Side Seat Airbag Deployment, Front Left	Yes
Side Curtain Airbag Deployment, Left	Yes
Side Seat Airbag Deployment, Front Right	Yes
Side Curtain Airbag Deployment, Right	Yes

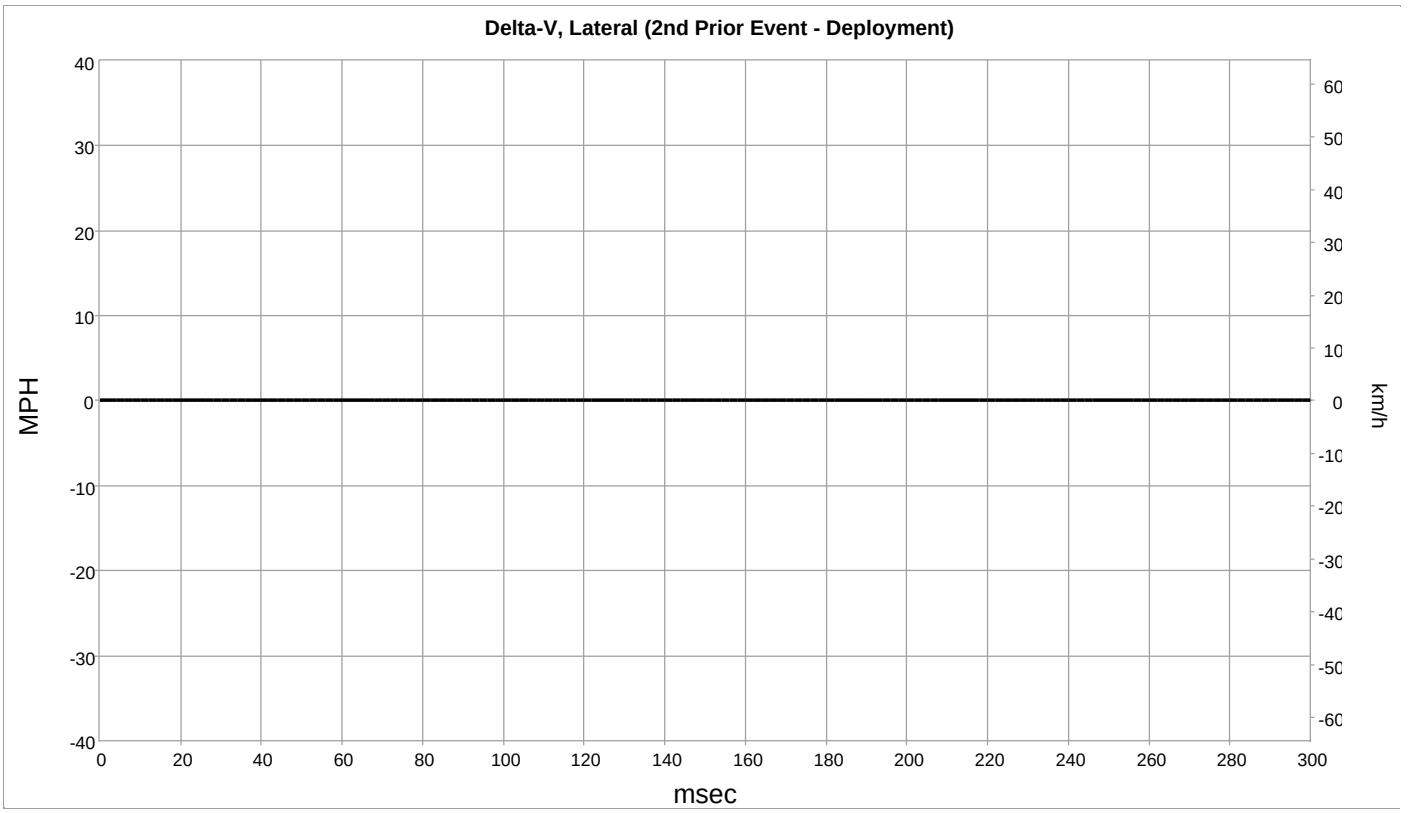
DTCs Present at Start of Event (2nd Prior Event - Deployment)

U0154-00	Stored
U0140-00	Stored
U0155-00	Stored
B223D-00	Stored
B2204-00	Stored
B0050-13	Stored
B00C5-13	Stored
B00B5-13	Stored
B0052-13	Stored
B0028-13	Stored
B0020-13	Stored
B0095-13	Stored
B0090-13	Stored
B0002-13	Stored
B0001-13	Stored
U0100-00	Stored
B222D-00	Stored
B00DF-95	Stored
B2734-13	Stored
B1BA5-00	Stored


Delta-V, Longitudinal (2nd Prior Event - Deployment)
MPH
km/h
msec
40
30
20
10
0
-10
-20
-30
-40
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300

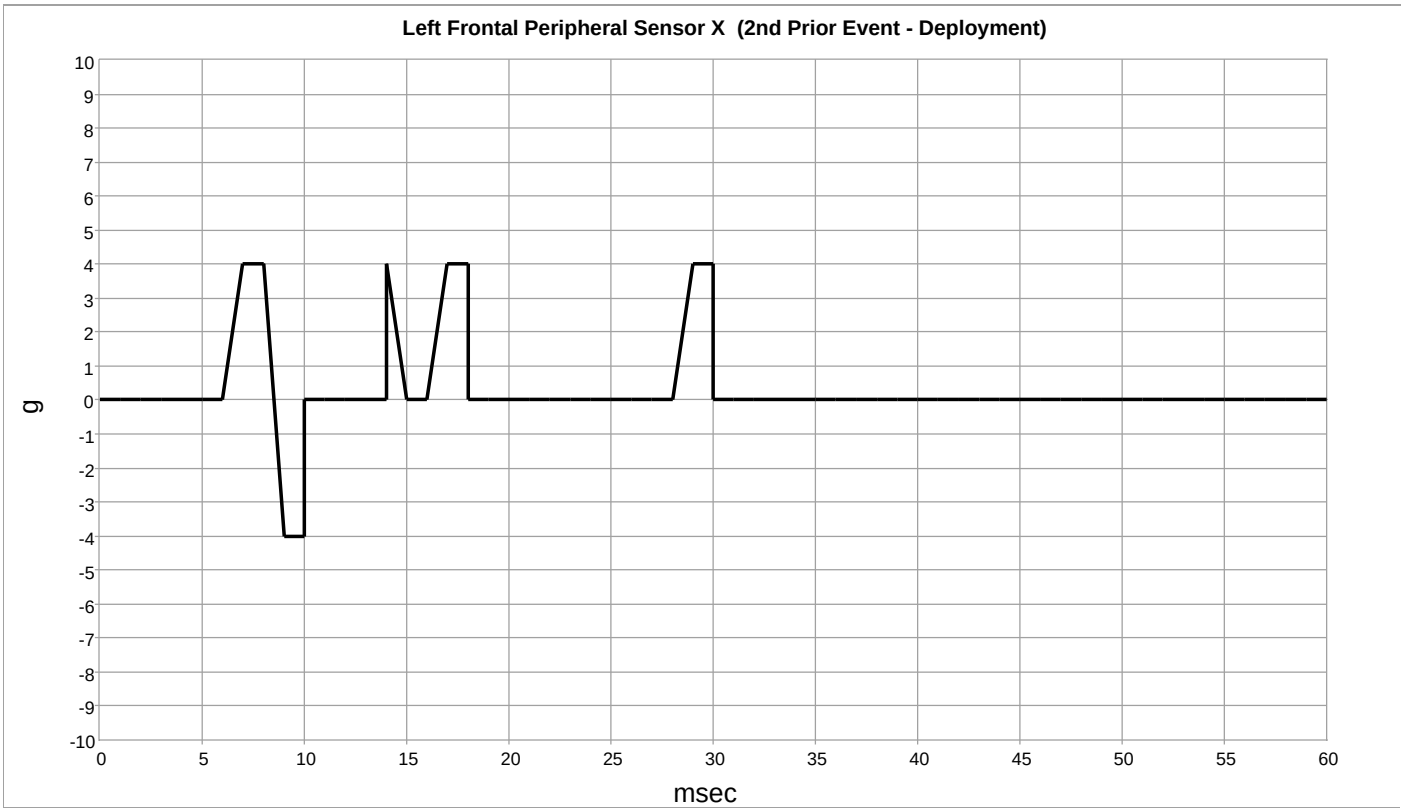
Longitudinal Crash Pulse (2nd Prior Event - Deployment)

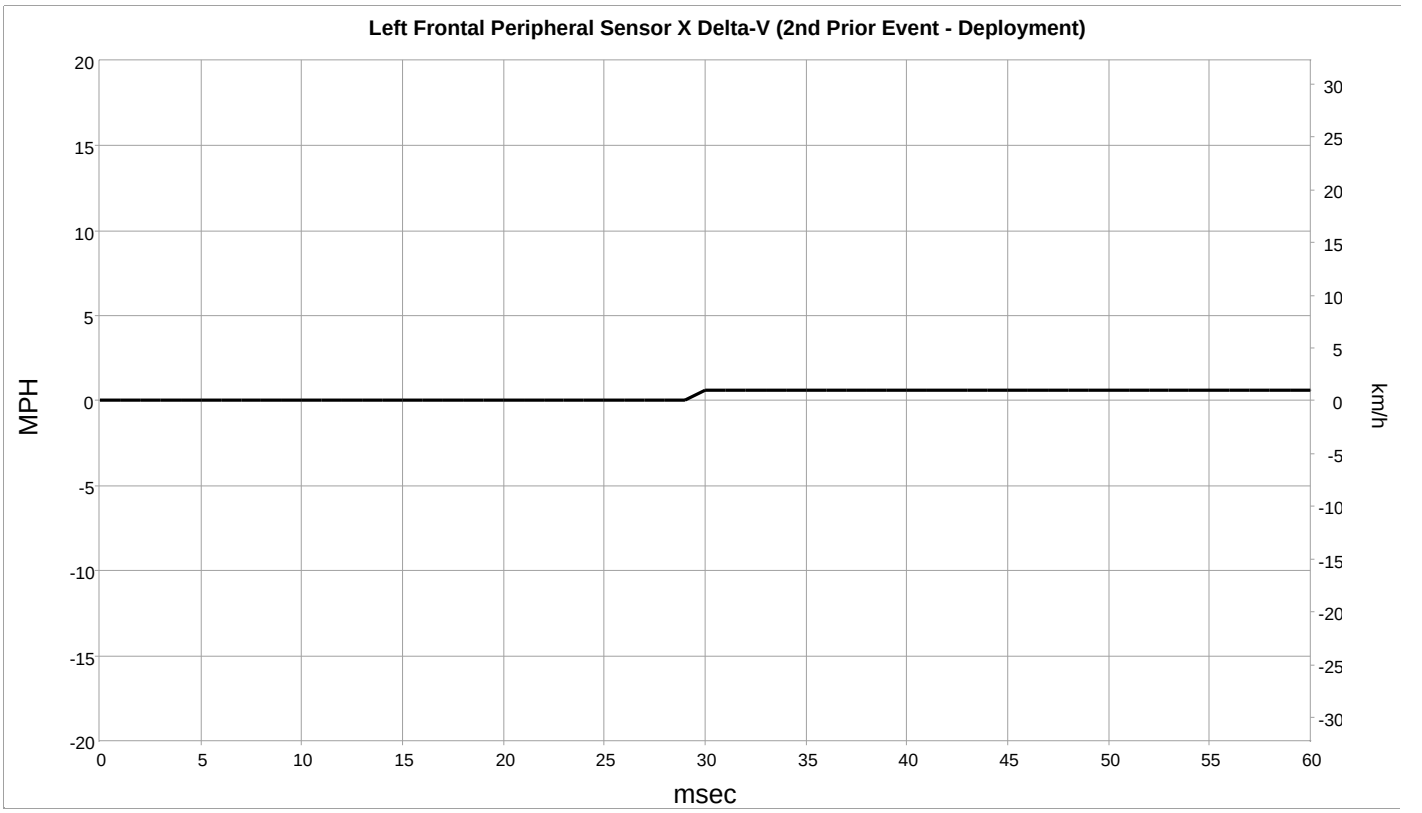
Time (msec)	Delta-V, Longitudinal (MPH [km/h])	Time (msec)	Delta-V, Longitudinal (MPH [km/h])	Time (msec)	Delta-V, Longitudinal (MPH [km/h])
0	0 [0]	100	0 [0]	200	0 [0]
2	0 [0]	102	0 [0]	202	0 [0]
4	0 [0]	104	0 [0]	204	0 [0]
6	0 [0]	106	0 [0]	206	0 [0]
8	0 [0]	108	0 [0]	208	0 [0]
10	0 [0]	110	0 [0]	210	0 [0]
12	0 [0]	112	0 [0]	212	0 [0]
14	0 [0]	114	0 [0]	214	0 [0]
16	0 [0]	116	0 [0]	216	0 [0]
18	0 [0]	118	0 [0]	218	0 [0]
20	0 [0]	120	0 [0]	220	0 [0]
22	0 [0]	122	0 [0]	222	0 [0]
24	0 [0]	124	0 [0]	224	0 [0]
26	0 [0]	126	0 [0]	226	0 [0]
28	0 [0]	128	0 [0]	228	0 [0]
30	0 [0]	130	0 [0]	230	0 [0]
32	0 [0]	132	0 [0]	232	0 [0]
34	0 [0]	134	0 [0]	234	0 [0]
36	0 [0]	136	0 [0]	236	0 [0]
38	0 [0]	138	0 [0]	238	0 [0]
40	0 [0]	140	0 [0]	240	0 [0]
42	0 [0]	142	0 [0]	242	0 [0]
44	0 [0]	144	0 [0]	244	0 [0]
46	0 [0]	146	0 [0]	246	0 [0]
48	0 [0]	148	0 [0]	248	0 [0]
50	0 [0]	150	0 [0]	250	0 [0]
52	0 [0]	152	0 [0]	252	0 [0]
54	0 [0]	154	0 [0]	254	0 [0]
56	0 [0]	156	0 [0]	256	0 [0]
58	0 [0]	158	0 [0]	258	0 [0]
60	0 [0]	160	0 [0]	260	0 [0]
62	0 [0]	162	0 [0]	262	0 [0]
64	0 [0]	164	0 [0]	264	0 [0]
66	0 [0]	166	0 [0]	266	0 [0]
68	0 [0]	168	0 [0]	268	0 [0]
70	-1 [-1]	170	0 [0]	270	0 [0]
72	-1 [-1]	172	0 [0]	272	0 [0]
74	-1 [-1]	174	0 [0]	274	0 [0]
76	-1 [-1]	176	0 [0]	276	0 [0]
78	-1 [-1]	178	0 [0]	278	0 [0]
80	-1 [-1]	180	0 [0]	280	0 [0]
82	-1 [-1]	182	0 [0]	282	0 [0]
84	-1 [-1]	184	0 [0]	284	0 [0]
86	-1 [-1]	186	0 [0]	286	0 [0]
88	-1 [-1]	188	0 [0]	288	0 [0]
90	-1 [-1]	190	0 [0]	290	0 [0]
92	-1 [-1]	192	0 [0]	292	0 [0]
94	-1 [-1]	194	0 [0]	294	0 [0]
96	0 [0]	196	0 [0]	296	0 [0]
98	0 [0]	198	0 [0]	298	0 [0]
				300	0 [0]


Delta-V, Lateral (2nd Prior Event - Deployment)
MPH
km/h
msec
40
30
20
10
0
-10
-20
-30
-40
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300

Lateral Crash Pulse (2nd Prior Event - Deployment)

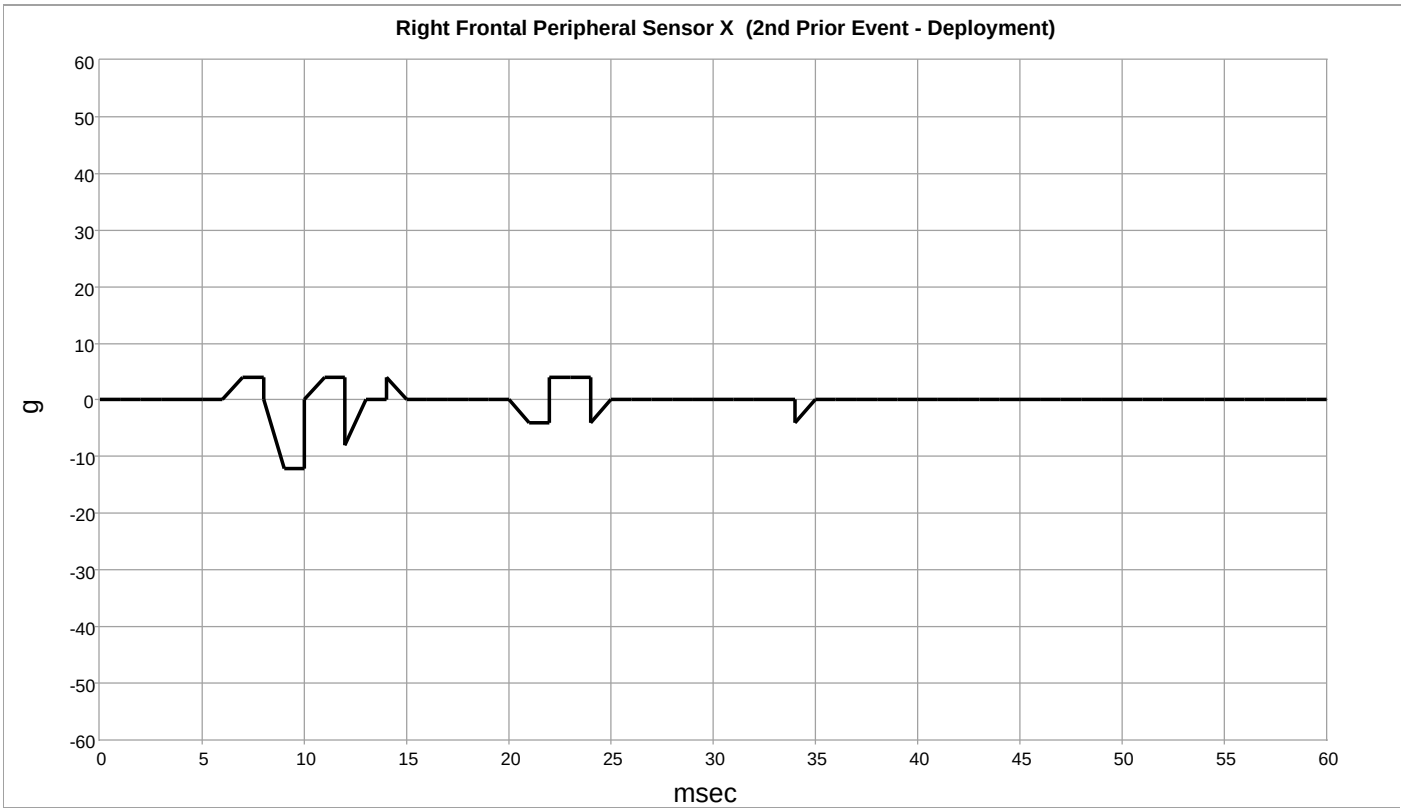
Time (msec)	Delta-V, Lateral (MPH [km/h])	Time (msec)	Delta-V, Lateral (MPH [km/h])	Time (msec)	Delta-V, Lateral (MPH [km/h])
0	0 [0]	100	0 [0]	200	0 [0]
2	0 [0]	102	0 [0]	202	0 [0]
4	0 [0]	104	0 [0]	204	0 [0]
6	0 [0]	106	0 [0]	206	0 [0]
8	0 [0]	108	0 [0]	208	0 [0]
10	0 [0]	110	0 [0]	210	0 [0]
12	0 [0]	112	0 [0]	212	0 [0]
14	0 [0]	114	0 [0]	214	0 [0]
16	0 [0]	116	0 [0]	216	0 [0]
18	0 [0]	118	0 [0]	218	0 [0]
20	0 [0]	120	0 [0]	220	0 [0]
22	0 [0]	122	0 [0]	222	0 [0]
24	0 [0]	124	0 [0]	224	0 [0]
26	0 [0]	126	0 [0]	226	0 [0]
28	0 [0]	128	0 [0]	228	0 [0]
30	0 [0]	130	0 [0]	230	0 [0]
32	0 [0]	132	0 [0]	232	0 [0]
34	0 [0]	134	0 [0]	234	0 [0]
36	0 [0]	136	0 [0]	236	0 [0]
38	0 [0]	138	0 [0]	238	0 [0]
40	0 [0]	140	0 [0]	240	0 [0]
42	0 [0]	142	0 [0]	242	0 [0]
44	0 [0]	144	0 [0]	244	0 [0]
46	0 [0]	146	0 [0]	246	0 [0]
48	0 [0]	148	0 [0]	248	0 [0]
50	0 [0]	150	0 [0]	250	0 [0]
52	0 [0]	152	0 [0]	252	0 [0]
54	0 [0]	154	0 [0]	254	0 [0]
56	0 [0]	156	0 [0]	256	0 [0]
58	0 [0]	158	0 [0]	258	0 [0]
60	0 [0]	160	0 [0]	260	0 [0]
62	0 [0]	162	0 [0]	262	0 [0]
64	0 [0]	164	0 [0]	264	0 [0]
66	0 [0]	166	0 [0]	266	0 [0]
68	0 [0]	168	0 [0]	268	0 [0]
70	0 [0]	170	0 [0]	270	0 [0]
72	0 [0]	172	0 [0]	272	0 [0]
74	0 [0]	174	0 [0]	274	0 [0]
76	0 [0]	176	0 [0]	276	0 [0]
78	0 [0]	178	0 [0]	278	0 [0]
80	0 [0]	180	0 [0]	280	0 [0]
82	0 [0]	182	0 [0]	282	0 [0]
84	0 [0]	184	0 [0]	284	0 [0]
86	0 [0]	186	0 [0]	286	0 [0]
88	0 [0]	188	0 [0]	288	0 [0]
90	0 [0]	190	0 [0]	290	0 [0]
92	0 [0]	192	0 [0]	292	0 [0]
94	0 [0]	194	0 [0]	294	0 [0]
96	0 [0]	196	0 [0]	296	0 [0]
98	0 [0]	198	0 [0]	298	0 [0]
				300	0 [0]

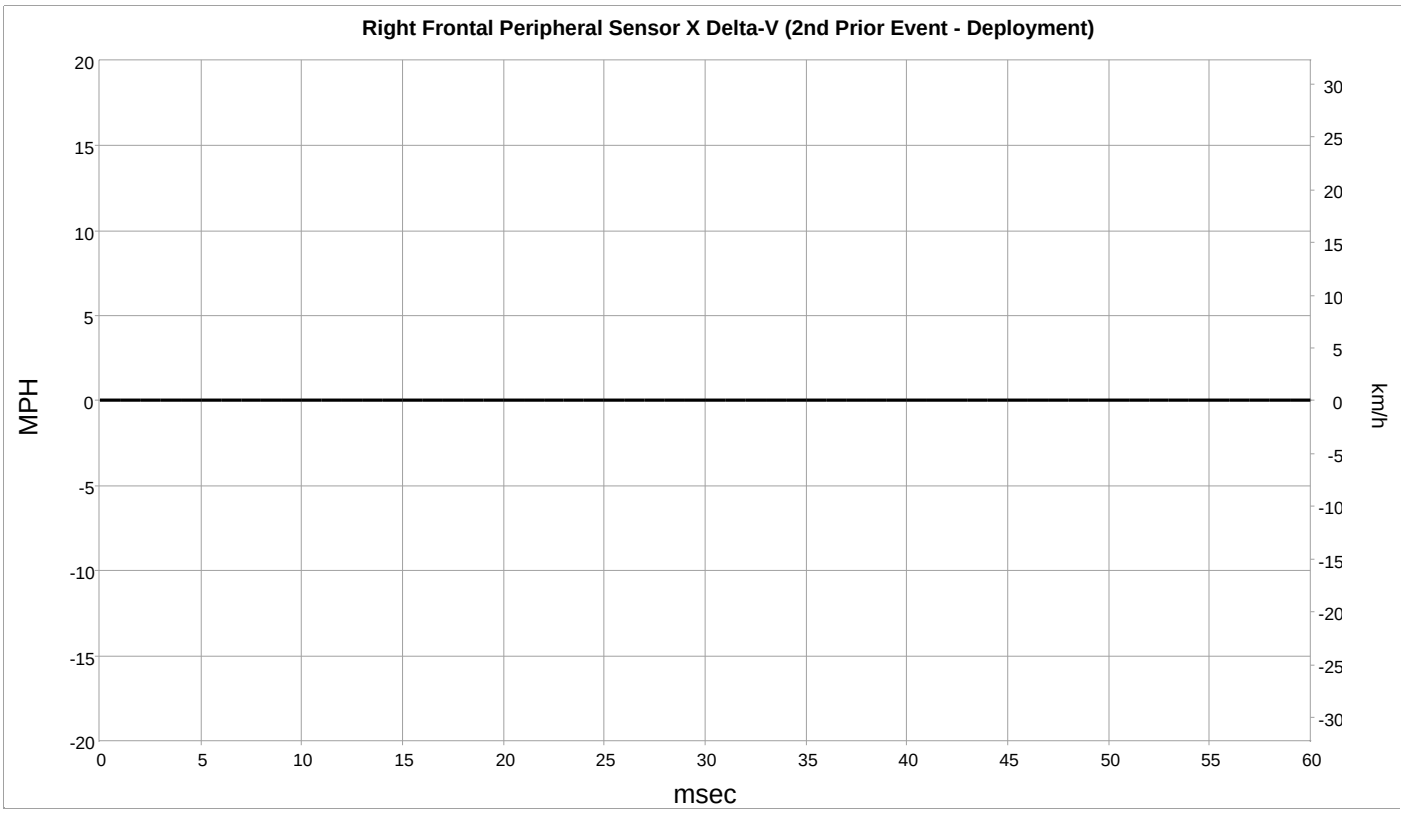

Left Frontal Peripheral Sensor X (2nd Prior Event - Deployment)
g
msec
10
9
8
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
0
5
10
15
20
25
30
35
40
45
50
55
60


Left Frontal Peripheral Sensor X Delta-V (2nd Prior Event - Deployment)
MPH
km/h
msec
20
15
10
5
0
-5
-10
-15
-20
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60

Left Frontal Peripheral Sensor X (2nd Prior Event - Deployment)

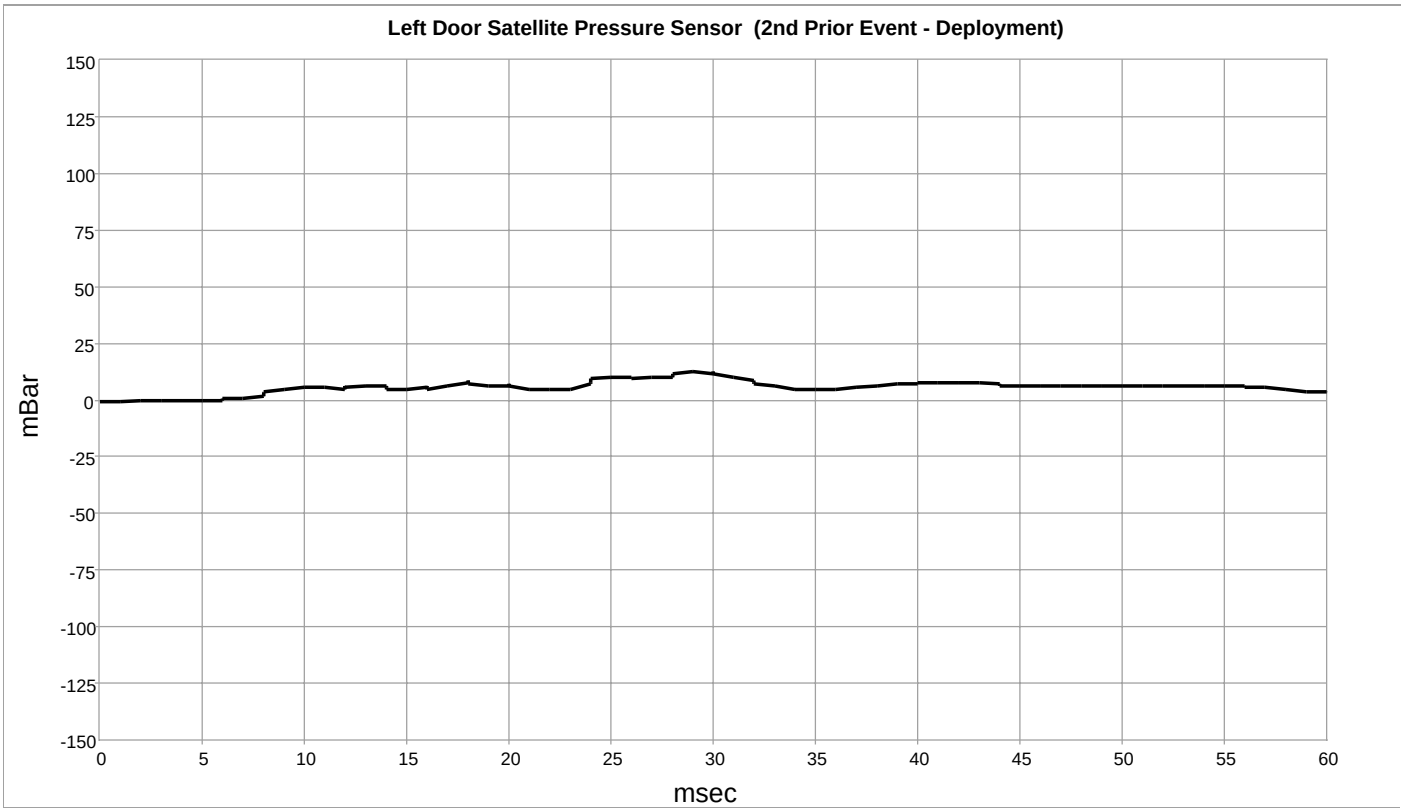
Time (msec)	Left Frontal Peripheral Sensor X (g)	Left Frontal Peripheral Sensor X Delta-V (MPH [km/h])
0	0.00	0 [0]
0.5	0.00	0 [0]
1	0.00	0 [0]
1.5	0.00	0 [0]
2	0.00	0 [0]
2.5	0.00	0 [0]
3	0.00	0 [0]
3.5	0.00	0 [0]
4	0.00	0 [0]
4.5	0.00	0 [0]
5	0.00	0 [0]
5.5	0.00	0 [0]
6	0.00	0 [0]
6.5	0.00	0 [0]
7	4.00	0 [0]
7.5	4.00	0 [0]
8	4.00	0 [0]
8.5	4.00	0 [0]
9	-4.00	0 [0]
9.5	-4.00	0 [0]
10	0.00	0 [0]
10.5	0.00	0 [0]
11	0.00	0 [0]
11.5	0.00	0 [0]
12	0.00	0 [0]
12.5	0.00	0 [0]
13	0.00	0 [0]
13.5	0.00	0 [0]
14	4.00	0 [0]
14.5	4.00	0 [0]
15	0.00	0 [0]
15.5	0.00	0 [0]
16	0.00	0 [0]
16.5	0.00	0 [0]
17	4.00	0 [0]
17.5	4.00	0 [0]
18	0.00	0 [0]
18.5	0.00	0 [0]
19	0.00	0 [0]
19.5	0.00	0 [0]
20	0.00	0 [0]
20.5	0.00	0 [0]
21	0.00	0 [0]
21.5	0.00	0 [0]
22	0.00	0 [0]
22.5	0.00	0 [0]
23	0.00	0 [0]
23.5	0.00	0 [0]
24	0.00	0 [0]
24.5	0.00	0 [0]
25	0.00	0 [0]
25.5	0.00	0 [0]
26	0.00	0 [0]
26.5	0.00	0 [0]
27	0.00	0 [0]
27.5	0.00	0 [0]
28	0.00	0 [0]
28.5	0.00	0 [0]
29	4.00	0 [0]
29.5	4.00	1 [1]
30	0.00	1 [1]
30.5	0.00	1 [1]
31	0.00	1 [1]
31.5	0.00	1 [1]
32	0.00	1 [1]
32.5	0.00	1 [1]
33	0.00	1 [1]
33.5	0.00	1 [1]
34	0.00	1 [1]
34.5	0.00	1 [1]
35	0.00	1 [1]
35.5	0.00	1 [1]
36	0.00	1 [1]
36.5	0.00	1 [1]
37	0.00	1 [1]
37.5	0.00	1 [1]
38	0.00	1 [1]
38.5	0.00	1 [1]
39	0.00	1 [1]
39.5	0.00	1 [1]
40	0.00	1 [1]
40.5	0.00	1 [1]
41	0.00	1 [1]
41.5	0.00	1 [1]
42	0.00	1 [1]
42.5	0.00	1 [1]
43	0.00	1 [1]
43.5	0.00	1 [1]
44	0.00	1 [1]
44.5	0.00	1 [1]
45	0.00	1 [1]
45.5	0.00	1 [1]
46	0.00	1 [1]
46.5	0.00	1 [1]
47	0.00	1 [1]
47.5	0.00	1 [1]
48	0.00	1 [1]
48.5	0.00	1 [1]
49	0.00	1 [1]
49.5	0.00	1 [1]
50	0.00	1 [1]
50.5	0.00	1 [1]
51	0.00	1 [1]
51.5	0.00	1 [1]
52	0.00	1 [1]
52.5	0.00	1 [1]
53	0.00	1 [1]
53.5	0.00	1 [1]
54	0.00	1 [1]
54.5	0.00	1 [1]
55	0.00	1 [1]
55.5	0.00	1 [1]
56	0.00	1 [1]
56.5	0.00	1 [1]
57	0.00	1 [1]
57.5	0.00	1 [1]
58	0.00	1 [1]
58.5	0.00	1 [1]
59	0.00	1 [1]
59.5	0.00	1 [1]


Right Frontal Peripheral Sensor X (2nd Prior Event - Deployment)
g
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
0
5
10
15
20
25
30
35
40
45
50
55
60
msec


Right Frontal Peripheral Sensor X Delta-V (2nd Prior Event - Deployment)
MPH
20
15
10
5
0
-5
-10
-15
-20
km/h
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60
msec

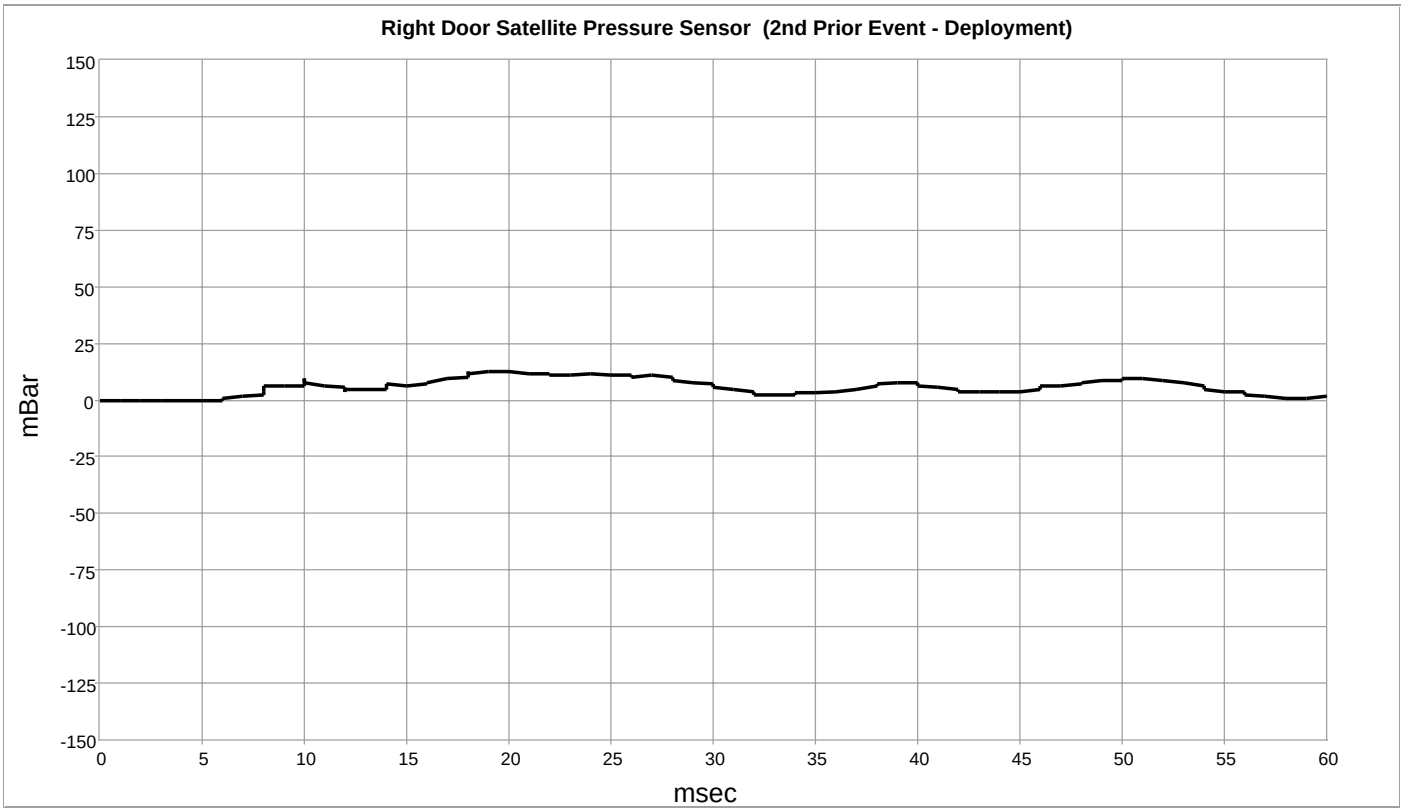
Right Frontal Peripheral Sensor X (2nd Prior Event - Deployment)

Time (msec)	Right Frontal Peripheral Sensor X (g)	Right Frontal Peripheral Sensor X Delta-V (MPH [km/h])
0	0.00	0 [0]
0.5	0.00	0 [0]
1	0.00	0 [0]
1.5	0.00	0 [0]
2	0.00	0 [0]
2.5	0.00	0 [0]
3	0.00	0 [0]
3.5	0.00	0 [0]
4	0.00	0 [0]
4.5	0.00	0 [0]
5	0.00	0 [0]
5.5	0.00	0 [0]
6	0.00	0 [0]
6.5	0.00	0 [0]
7	4.00	0 [0]
7.5	4.00	0 [0]
8	0.00	0 [0]
8.5	0.00	0 [0]
9	-12.00	0 [0]
9.5	-12.00	0 [0]
10	0.00	0 [0]
10.5	0.00	0 [0]
11	4.00	0 [0]
11.5	4.00	0 [0]
12	-8.00	0 [0]
12.5	-8.00	0 [0]
13	0.00	0 [0]
13.5	0.00	0 [0]
14	4.00	0 [0]
14.5	4.00	0 [0]
15	0.00	0 [0]
15.5	0.00	0 [0]
16	0.00	0 [0]
16.5	0.00	0 [0]
17	0.00	0 [0]
17.5	0.00	0 [0]
18	0.00	0 [0]
18.5	0.00	0 [0]
19	0.00	0 [0]
19.5	0.00	0 [0]
20	0.00	0 [0]
20.5	0.00	0 [0]
21	-4.00	0 [0]
21.5	-4.00	0 [0]
22	4.00	0 [0]
22.5	4.00	0 [0]
23	4.00	0 [0]
23.5	4.00	0 [0]
24	-4.00	0 [0]
24.5	-4.00	0 [0]
25	0.00	0 [0]
25.5	0.00	0 [0]
26	0.00	0 [0]
26.5	0.00	0 [0]
27	0.00	0 [0]
27.5	0.00	0 [0]
28	0.00	0 [0]
28.5	0.00	0 [0]
29	0.00	0 [0]
29.5	0.00	0 [0]
30	0.00	0 [0]
30.5	0.00	0 [0]
31	0.00	0 [0]
31.5	0.00	0 [0]
32	0.00	0 [0]
32.5	0.00	0 [0]
33	0.00	0 [0]
33.5	0.00	0 [0]
34	-4.00	0 [0]
34.5	-4.00	0 [0]
35	0.00	0 [0]
35.5	0.00	0 [0]
36	0.00	0 [0]
36.5	0.00	0 [0]
37	0.00	0 [0]
37.5	0.00	0 [0]
38	0.00	0 [0]
38.5	0.00	0 [0]
39	0.00	0 [0]
39.5	0.00	0 [0]
40	0.00	0 [0]
40.5	0.00	0 [0]
41	0.00	0 [0]
41.5	0.00	0 [0]
42	0.00	0 [0]
42.5	0.00	0 [0]
43	0.00	0 [0]
43.5	0.00	0 [0]
44	0.00	0 [0]
44.5	0.00	0 [0]
45	0.00	0 [0]
45.5	0.00	0 [0]
46	0.00	0 [0]
46.5	0.00	0 [0]
47	0.00	0 [0]
47.5	0.00	0 [0]
48	0.00	0 [0]
48.5	0.00	0 [0]
49	0.00	0 [0]
49.5	0.00	0 [0]
50	0.00	0 [0]
50.5	0.00	0 [0]
51	0.00	0 [0]
51.5	0.00	0 [0]
52	0.00	0 [0]
52.5	0.00	0 [0]
53	0.00	0 [0]
53.5	0.00	0 [0]
54	0.00	0 [0]
54.5	0.00	0 [0]
55	0.00	0 [0]
55.5	0.00	0 [0]
56	0.00	0 [0]
56.5	0.00	0 [0]
57	0.00	0 [0]
57.5	0.00	0 [0]
58	0.00	0 [0]
58.5	0.00	0 [0]
59	0.00	0 [0]
59.5	0.00	0 [0]


Left Door Satellite Pressure Sensor (2nd Prior Event - Deployment)
150
125
100
75
50
25
0
-25
-50
-75
-100
-125
-150
mBar
0
5
10
15
20
25
30
35
40
45
50
55
60
msec

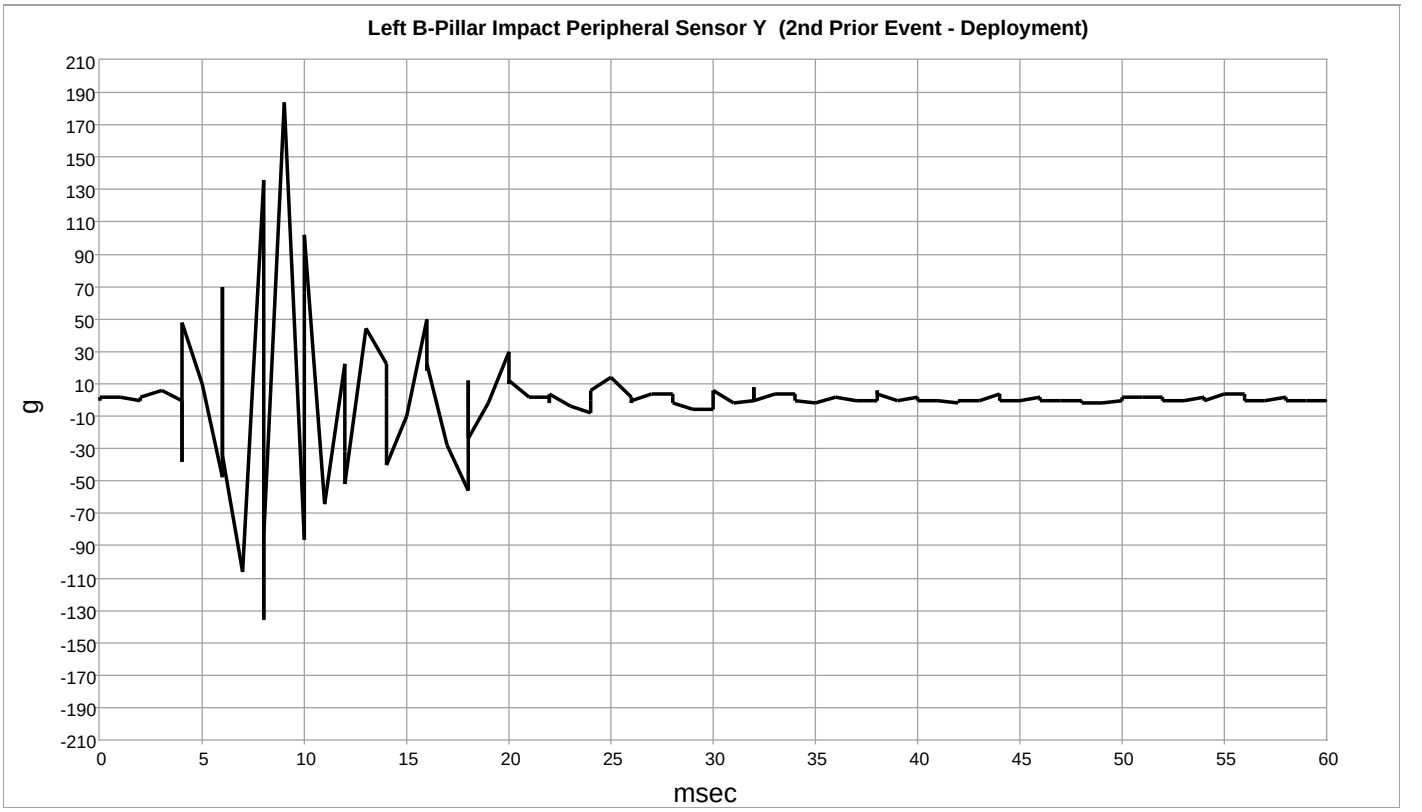
Left Door Satellite Pressure Sensor (2nd Prior Event - Deployment)

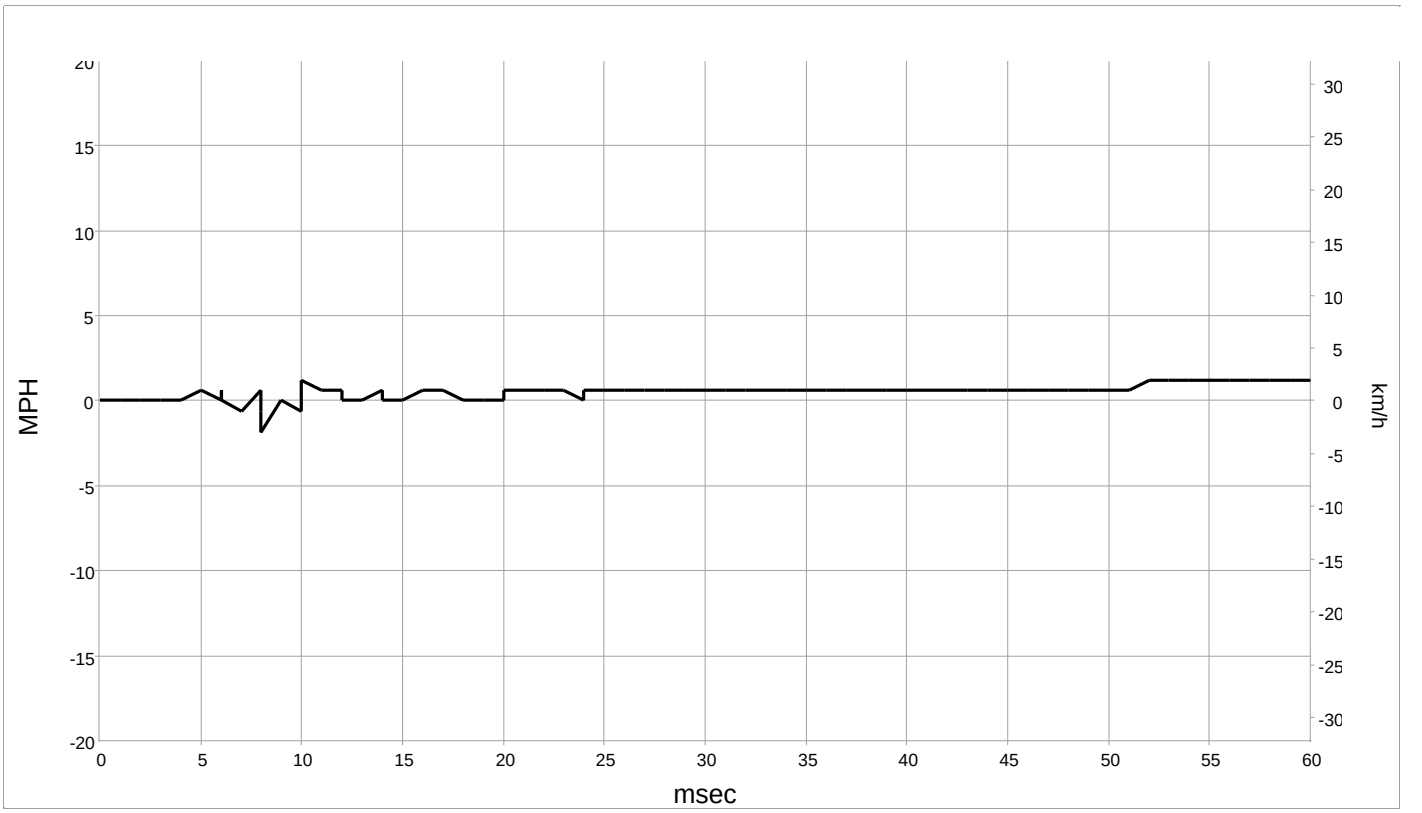
Time (msec)	Left Door Satellite Pressure Sensor (mBar)
0	-0.78
0.5	-0.78
1	-0.78
1.5	0.00
2	0.00
2.5	0.00
3	0.00
3.5	0.00
4	0.00
4.5	0.00
5	0.00
5.5	0.00
6	0.78
6.5	0.78
7	0.78
7.5	1.56
8	3.12
8.5	3.90
9	4.68
9.5	5.46
10	5.46
10.5	5.46
11	5.46
11.5	4.68
12	6.25
12.5	5.46
13	6.25
13.5	6.25
14	5.46
14.5	4.68
15	4.68
15.5	5.46
16	6.25
16.5	4.68
17	6.25
17.5	7.81
18	8.59
18.5	7.03
19	6.25
19.5	6.25
20	7.03
20.5	6.25
21	4.68
21.5	4.68
22	4.68
22.5	4.68
23	4.68
23.5	7.03
24	7.81
24.5	9.37
25	10.15
25.5	10.15
26	10.15
26.5	9.37
27	10.15
27.5	10.15
28	10.93
28.5	11.71
29	12.50
29.5	11.71
30	12.50
30.5	11.71
31	10.15
31.5	8.59
32	7.81
32.5	7.03
33	6.25
33.5	4.68
34	4.68
34.5	4.68
35	4.68
35.5	4.68
36	4.68
36.5	4.68
37	5.46
37.5	6.25
38	6.25
38.5	6.25
39	7.03
39.5	7.03
40	7.81
40.5	7.81
41	7.81
41.5	7.81
42	7.81
42.5	7.81
43	7.81
43.5	7.03
44	6.25
44.5	6.25
45	6.25
45.5	6.25
46	6.25
46.5	6.25
47	6.25
47.5	6.25
48	6.25
48.5	6.25
49	6.25
49.5	6.25
50	6.25
50.5	6.25
51	6.25
51.5	6.25
52	6.25
52.5	6.25
53	6.25
53.5	6.25
54	6.25
54.5	6.25
55	6.25
55.5	6.25
56	6.25
56.5	5.46
57	5.46
57.5	4.68
58	4.68
58.5	4.68
59	3.90
59.5	3.90


Right Door Satellite Pressure Sensor (2nd Prior Event - Deployment)
mBar
150
125
100
75
50
25
0
-25
-50
-75
-100
-125
-150
0
5
10
15
20
25
30
35
40
45
50
55
60
msec

Right Door Satellite Pressure Sensor (2nd Prior Event - Deployment)

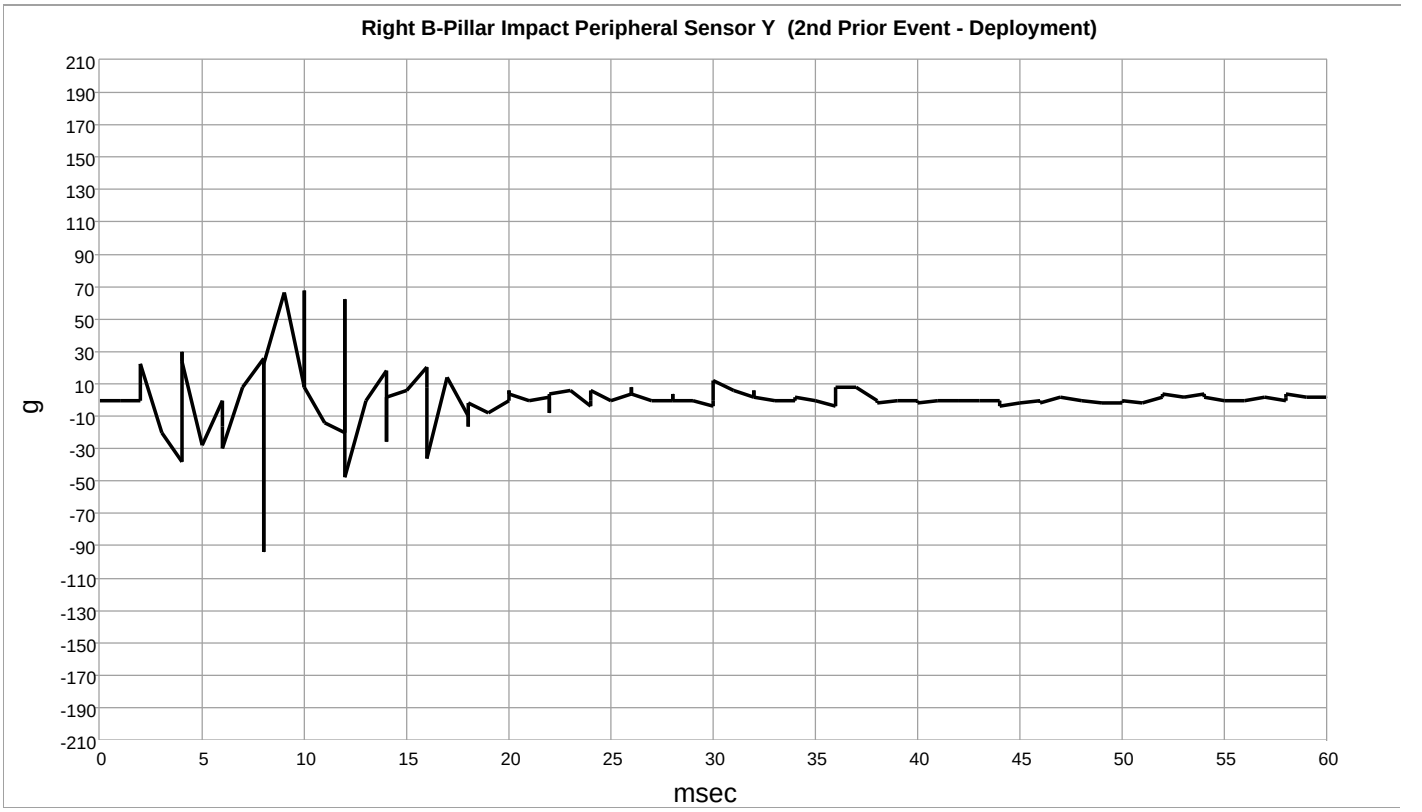
Time (msec)	Right Door Satellite Pressure Sensor (mBar)
0	0.00
0.5	0.00
1	0.00
1.5	0.00
2	0.00
2.5	0.00
3	0.00
3.5	0.00
4	0.00
4.5	0.00
5	0.00
5.5	0.00
6	0.00
6.5	0.78
7	1.56
7.5	2.34
8	3.90
8.5	6.25
9	6.25
9.5	6.25
10	9.37
10.5	7.81
11	6.25
11.5	5.46
12	3.90
12.5	4.68
13	4.68
13.5	4.68
14	7.03
14.5	7.03
15	6.25
15.5	7.03
16	7.03
16.5	7.81
17	9.37
17.5	10.15
18	12.50
18.5	11.71
19	12.50
19.5	12.50
20	12.50
20.5	12.50
21	11.71
21.5	11.71
22	10.93
22.5	10.93
23	10.93
23.5	11.71
24	11.71
24.5	11.71
25	10.93
25.5	10.93
26	10.15
26.5	10.15
27	10.93
27.5	10.15
28	10.15
28.5	8.59
29	7.81
29.5	7.03
30	5.46
30.5	5.46
31	4.68
31.5	3.90
32	3.90
32.5	2.34
33	2.34
33.5	2.34
34	2.34
34.5	3.12
35	3.12
35.5	3.90
36	3.12
36.5	3.90
37	4.68
37.5	6.25
38	6.25
38.5	7.03
39	7.81
39.5	7.81
40	7.81
40.5	6.25
41	5.46
41.5	4.68
42	3.90
42.5	3.90
43	3.90
43.5	3.90
44	3.90
44.5	3.90
45	3.90
45.5	4.68
46	4.68
46.5	6.25
47	6.25
47.5	7.03
48	7.81
48.5	7.81
49	8.59
49.5	8.59
50	9.37
50.5	9.37
51	9.37
51.5	8.59
52	8.59
52.5	8.59
53	7.81
53.5	6.25
54	6.25
54.5	4.68
55	3.90
55.5	3.90
56	2.34
56.5	2.34
57	1.56
57.5	0.78
58	0.78
58.5	0.78
59	0.78
59.5	1.56

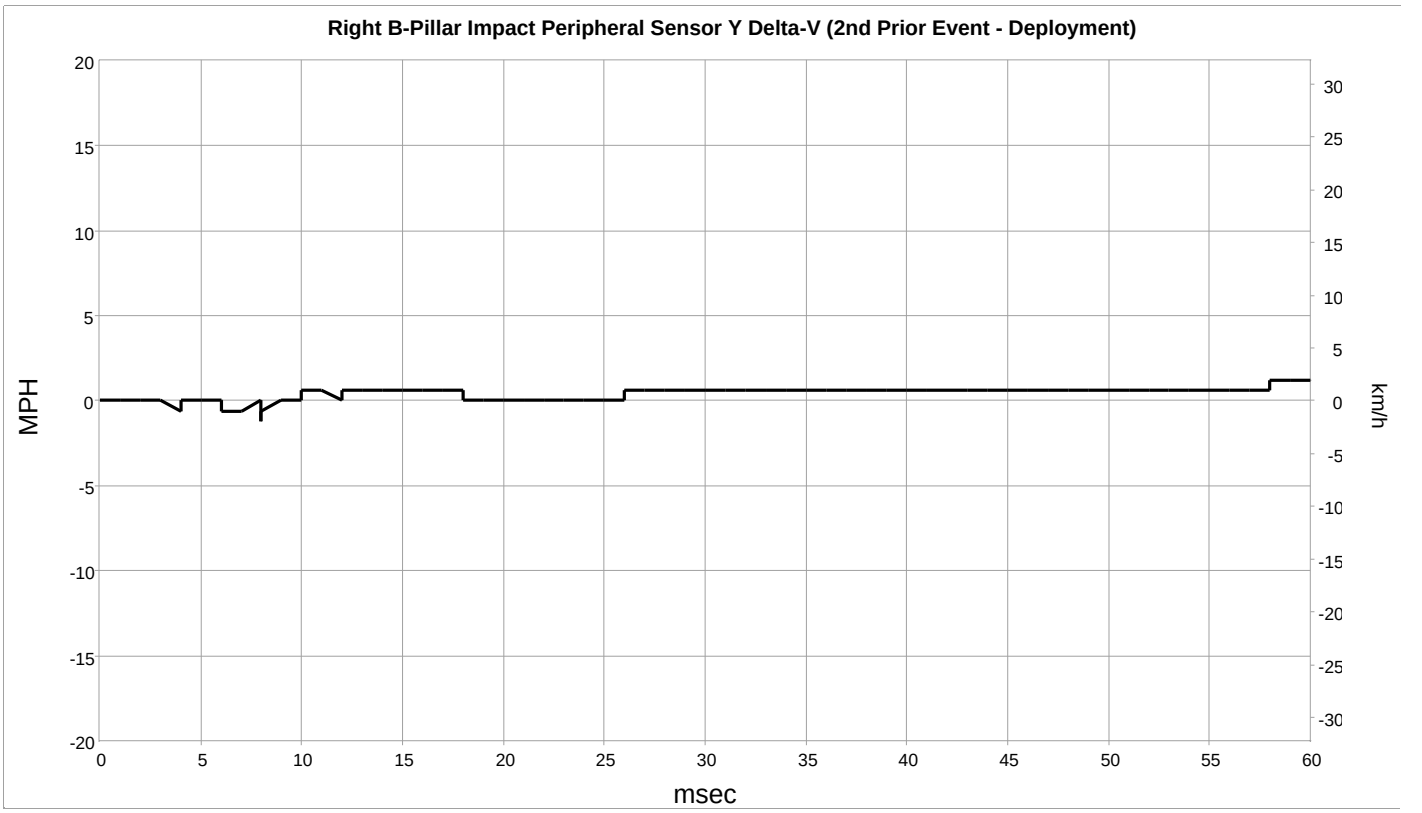

Left B-Pillar Impact Peripheral Sensor Y (2nd Prior Event - Deployment)
g
210
190
170
150
130
110
90
70
50
30
10
-10
-30
-50
-70
-90
-110
-130
-150
-170
-190
-210
0
5
10
15
20
25
30
35
40
45
50
55
60
msec


MPH
km/h
20
15
10
5
0
-5
-10
-15
-20
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60
msec

Left B-Pillar Impact Peripheral Sensor Y (2nd Prior Event - Deployment)

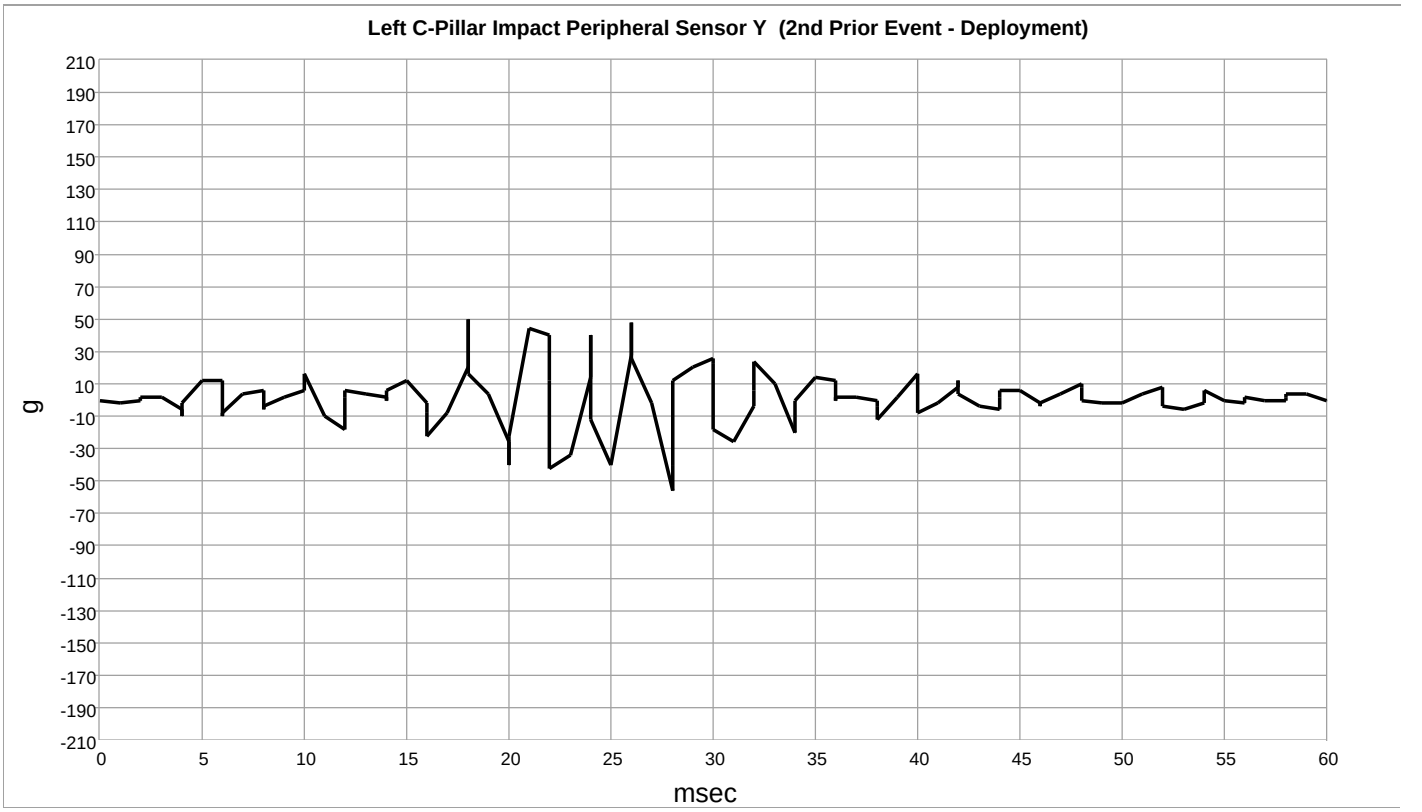
Time (msec)	Left B-Pillar Impact Peripheral Sensor Y (g)	Left B-Pillar Impact Peripheral Sensor Y Delta-V (MPH [km/h])
0	0.000	0 [0]
0.5	2.000	0 [0]
1	2.000	0 [0]
1.5	0.000	0 [0]
2	0.000	0 [0]
2.5	2.000	0 [0]
3	6.000	0 [0]
3.5	0.000	0 [0]
4	-38.000	0 [0]
4.5	48.000	0 [0]
5	10.000	1 [1]
5.5	-48.000	0 [0]
6	70.000	1 [1]
6.5	-34.000	0 [0]
7	-106.000	-1 [-1]
7.5	136.000	1 [1]
8	-136.000	-1 [-1]
8.5	-84.000	-2 [-3]
9	184.000	0 [0]
9.5	-86.000	-1 [-1]
10	66.000	0 [0]
10.5	102.000	1 [2]
11	-64.000	1 [1]
11.5	22.000	1 [1]
12	-32.000	0 [0]
12.5	-52.000	0 [0]
13	44.000	0 [0]
13.5	22.000	1 [1]
14	2.000	1 [1]
14.5	-40.000	0 [0]
15	-10.000	0 [0]
15.5	50.000	1 [1]
16	18.000	1 [1]
16.5	22.000	1 [1]
17	-28.000	1 [1]
17.5	-56.000	0 [0]
18	12.000	0 [0]
18.5	-24.000	0 [0]
19	-2.000	0 [0]
19.5	30.000	0 [0]
20	10.000	0 [0]
20.5	12.000	1 [1]
21	2.000	1 [1]
21.5	2.000	1 [1]
22	-2.000	1 [1]
22.5	4.000	1 [1]
23	-4.000	1 [1]
23.5	-8.000	0 [0]
24	0.000	0 [0]
24.5	6.000	1 [1]
25	14.000	1 [1]
25.5	2.000	1 [1]
26	-2.000	1 [1]
26.5	0.000	1 [1]
27	4.000	1 [1]
27.5	4.000	1 [1]
28	2.000	1 [1]
28.5	-2.000	1 [1]
29	-6.000	1 [1]
29.5	-6.000	1 [1]
30	-4.000	1 [1]
30.5	6.000	1 [1]
31	-2.000	1 [1]
31.5	0.000	1 [1]
32	8.000	1 [1]
32.5	0.000	1 [1]
33	4.000	1 [1]
33.5	4.000	1 [1]
34	4.000	1 [1]
34.5	0.000	1 [1]
35	-2.000	1 [1]
35.5	2.000	1 [1]
36	2.000	1 [1]
36.5	2.000	1 [1]
37	0.000	1 [1]
37.5	0.000	1 [1]
38	6.000	1 [1]
38.5	4.000	1 [1]
39	0.000	1 [1]
39.5	2.000	1 [1]
40	2.000	1 [1]
40.5	0.000	1 [1]
41	0.000	1 [1]
41.5	-2.000	1 [1]
42	0.000	1 [1]
42.5	0.000	1 [1]
43	0.000	1 [1]
43.5	4.000	1 [1]
44	4.000	1 [1]
44.5	0.000	1 [1]
45	0.000	1 [1]
45.5	2.000	1 [1]
46	0.000	1 [1]
46.5	0.000	1 [1]
47	0.000	1 [1]
47.5	0.000	1 [1]
48	0.000	1 [1]
48.5	-2.000	1 [1]
49	-2.000	1 [1]
49.5	0.000	1 [1]
50	2.000	1 [1]
50.5	2.000	1 [1]
51	2.000	1 [1]
51.5	2.000	1 [2]
52	0.000	1 [2]
52.5	0.000	1 [2]
53	0.000	1 [2]
53.5	2.000	1 [2]
54	0.000	1 [2]
54.5	0.000	1 [2]
55	4.000	1 [2]
55.5	4.000	1 [2]
56	2.000	1 [2]
56.5	0.000	1 [2]
57	0.000	1 [2]
57.5	2.000	1 [2]
58	2.000	1 [2]
58.5	0.000	1 [2]
59	0.000	1 [2]
59.5	0.000	1 [2]

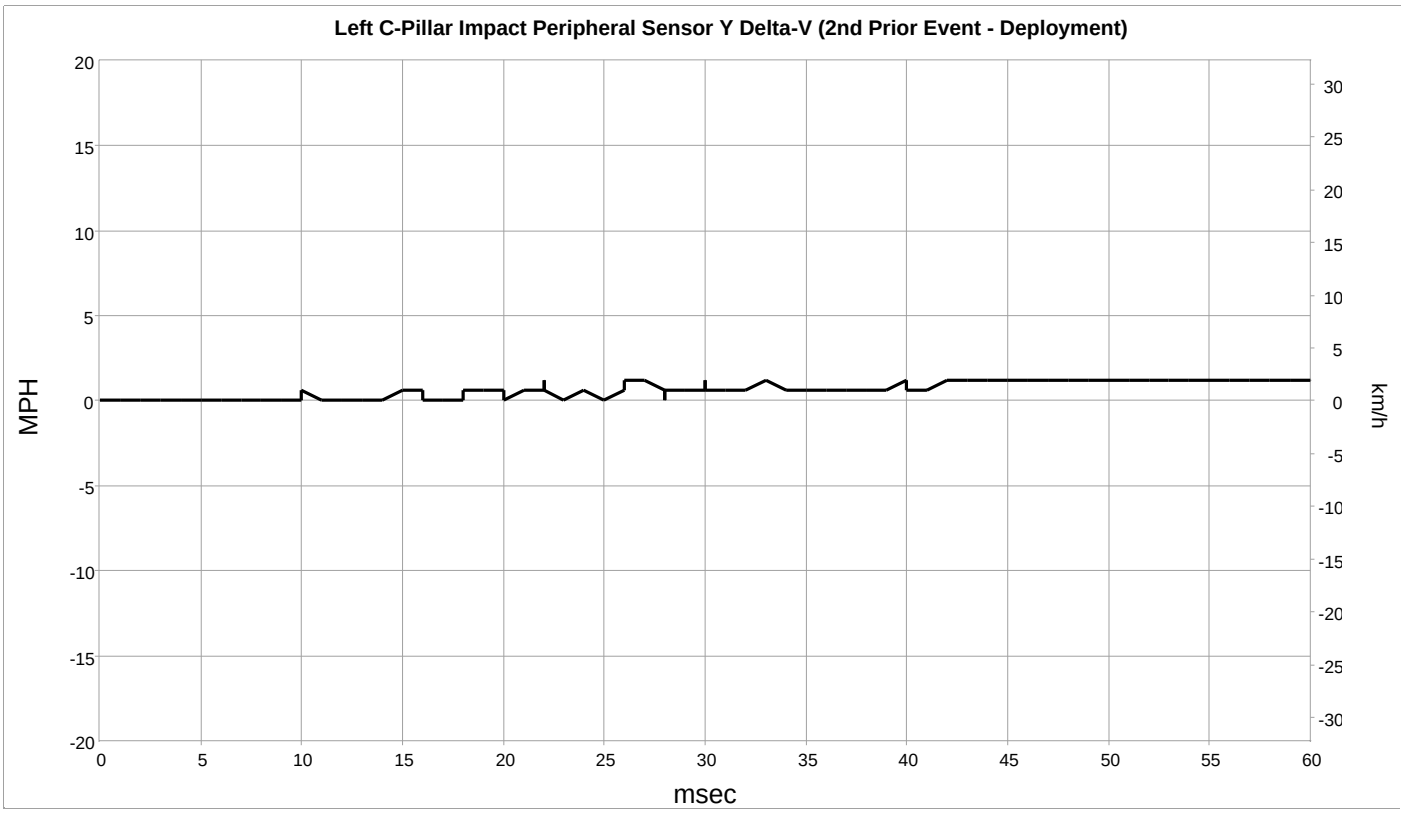

Right B-Pillar Impact Peripheral Sensor Y (2nd Prior Event - Deployment)
g
msec


Right B-Pillar Impact Peripheral Sensor Y Delta-V (2nd Prior Event - Deployment)
MPH
km/h
msec

Right B-Pillar Impact Peripheral Sensor Y (2nd Prior Event - Deployment)

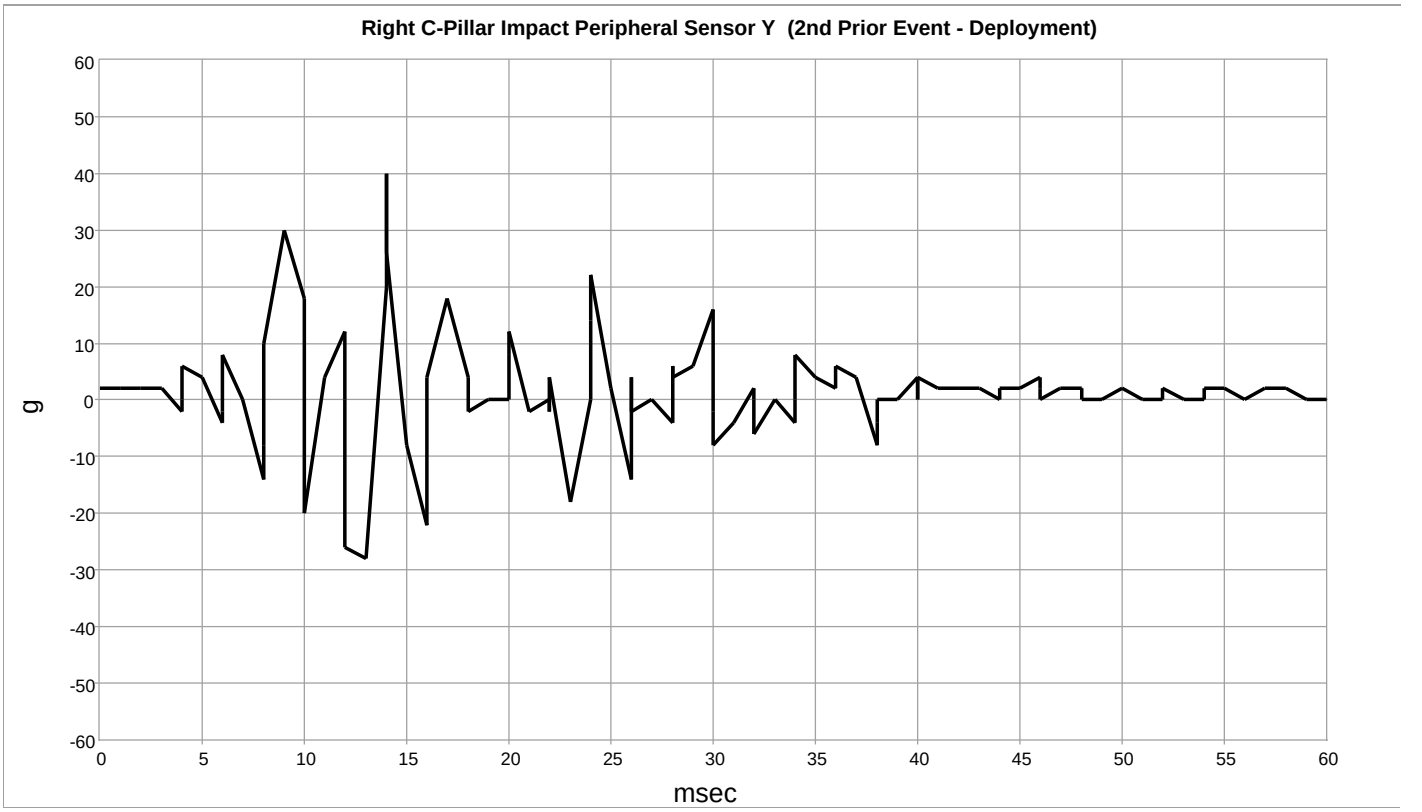
Time (msec)	Right B-Pillar Impact Peripheral Sensor Y (g)	Right B-Pillar Impact Peripheral Sensor Y Delta-V (MPH
0	0.000	0 [0]
0.5	0.000	0 [0]
1	0.000	0 [0]
1.5	0.000	0 [0]
2	4.000	0 [0]
2.5	22.000	0 [0]
3	-20.000	0 [0]
3.5	-38.000	-1 [-1]
4	30.000	0 [0]
4.5	24.000	0 [0]
5	-28.000	0 [0]
5.5	0.000	0 [0]
6	-16.000	0 [0]
6.5	-30.000	-1 [-1]
7	8.000	-1 [-1]
7.5	26.000	0 [0]
8	-94.000	-1 [-2]
8.5	22.000	-1 [-1]
9	66.000	0 [0]
9.5	8.000	0 [0]
10	68.000	1 [1]
10.5	8.000	1 [1]
11	-14.000	1 [1]
11.5	-20.000	0 [0]
12	62.000	1 [1]
12.5	-48.000	1 [1]
13	0.000	1 [1]
13.5	18.000	1 [1]
14	-26.000	1 [1]
14.5	2.000	1 [1]
15	6.000	1 [1]
15.5	20.000	1 [1]
16	8.000	1 [1]
16.5	-36.000	1 [1]
17	14.000	1 [1]
17.5	-10.000	1 [1]
18	-16.000	0 [0]
18.5	-2.000	0 [0]
19	-8.000	0 [0]
19.5	0.000	0 [0]
20	6.000	0 [0]
20.5	4.000	0 [0]
21	0.000	0 [0]
21.5	2.000	0 [0]
22	-8.000	0 [0]
22.5	4.000	0 [0]
23	6.000	0 [0]
23.5	-4.000	0 [0]
24	0.000	0 [0]
24.5	6.000	0 [0]
25	0.000	0 [0]
25.5	4.000	0 [0]
26	8.000	1 [1]
26.5	4.000	1 [1]
27	0.000	1 [1]
27.5	0.000	1 [1]
28	4.000	1 [1]
28.5	0.000	1 [1]
29	0.000	1 [1]
29.5	-4.000	1 [1]
30	0.000	1 [1]
30.5	12.000	1 [1]
31	6.000	1 [1]
31.5	2.000	1 [1]
32	6.000	1 [1]
32.5	2.000	1 [1]
33	0.000	1 [1]
33.5	0.000	1 [1]
34	0.000	1 [1]
34.5	2.000	1 [1]
35	0.000	1 [1]
35.5	-4.000	1 [1]
36	4.000	1 [1]
36.5	8.000	1 [1]
37	8.000	1 [1]
37.5	0.000	1 [1]
38	-2.000	1 [1]
38.5	-2.000	1 [1]
39	0.000	1 [1]
39.5	0.000	1 [1]
40	0.000	1 [1]
40.5	-2.000	1 [1]
41	0.000	1 [1]
41.5	0.000	1 [1]
42	0.000	1 [1]
42.5	0.000	1 [1]
43	0.000	1 [1]
43.5	0.000	1 [1]
44	-2.000	1 [1]
44.5	-4.000	1 [1]
45	-2.000	1 [1]
45.5	0.000	1 [1]
46	0.000	1 [1]
46.5	-2.000	1 [1]
47	2.000	1 [1]
47.5	0.000	1 [1]
48	0.000	1 [1]
48.5	0.000	1 [1]
49	-2.000	1 [1]
49.5	-2.000	1 [1]
50	0.000	1 [1]
50.5	0.000	1 [1]
51	-2.000	1 [1]
51.5	2.000	1 [1]
52	2.000	1 [1]
52.5	4.000	1 [1]
53	2.000	1 [1]
53.5	4.000	1 [1]
54	4.000	1 [1]
54.5	2.000	1 [1]
55	0.000	1 [1]
55.5	0.000	1 [1]
56	0.000	1 [1]
56.5	0.000	1 [1]
57	2.000	1 [1]
57.5	0.000	1 [1]
58	2.000	1 [2]
58.5	4.000	1 [2]
59	2.000	1 [2]
59.5	2.000	1 [2]

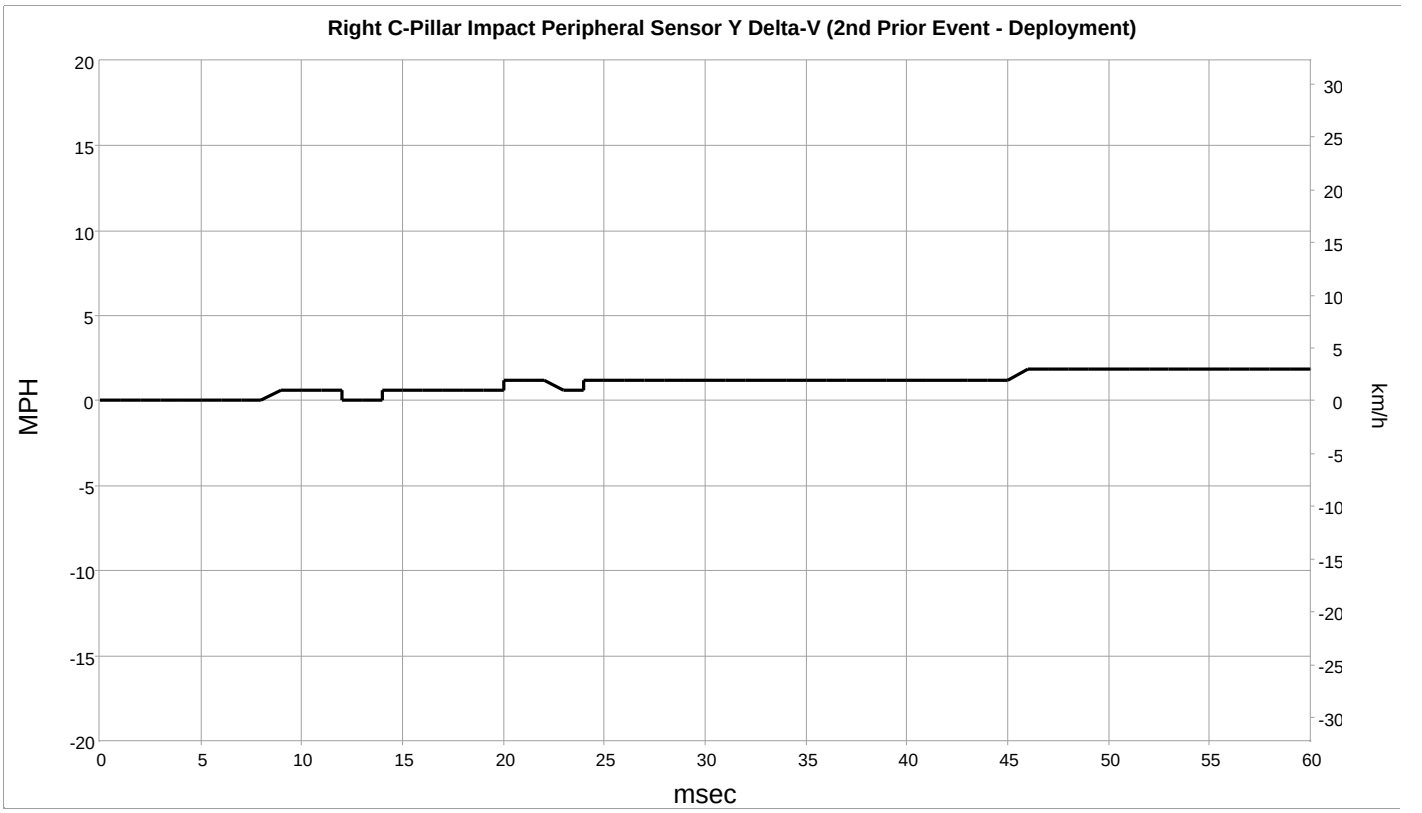

Left C-Pillar Impact Peripheral Sensor Y (2nd Prior Event - Deployment)
g
210
190
170
150
130
110
90
70
50
30
10
-10
-30
-50
-70
-90
-110
-130
-150
-170
-190
-210
0
5
10
15
20
25
30
35
40
45
50
55
60
msec


Left C-Pillar Impact Peripheral Sensor Y Delta-V (2nd Prior Event - Deployment)
MPH
20
15
10
5
0
-5
-10
-15
-20
km/h
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60
msec

Left C-Pillar Impact Peripheral Sensor Y (2nd Prior Event - Deployment)

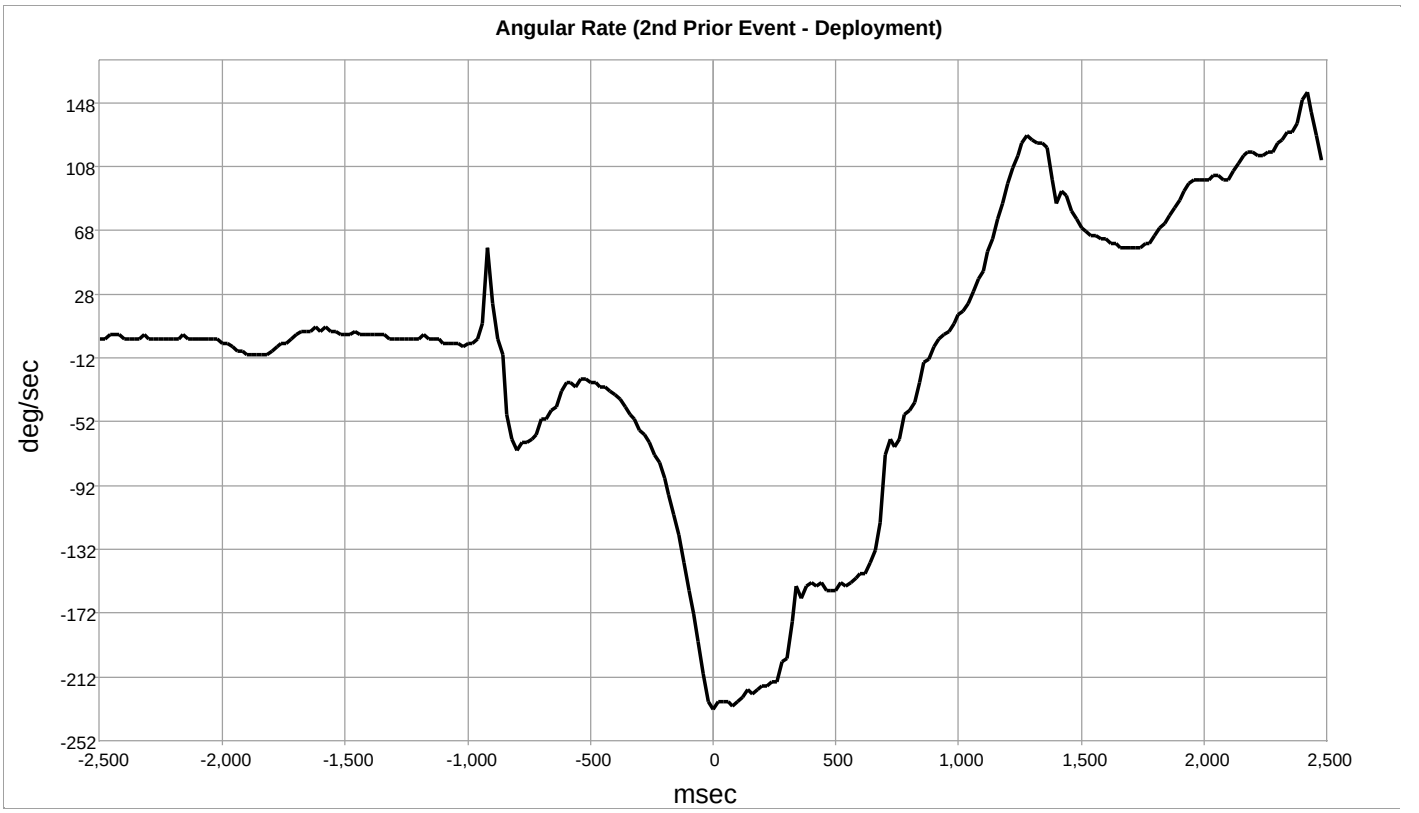
Time (msec)	Left C-Pillar Impact Peripheral Sensor Y (g)	Left C-Pillar Impact Peripheral Sensor Y Delta-V (MPH [km/h])
0	0.000	0 [0]
0.5	0.000	0 [0]
1	-2.000	0 [0]
1.5	0.000	0 [0]
2	0.000	0 [0]
2.5	2.000	0 [0]
3	2.000	0 [0]
3.5	-6.000	0 [0]
4	-10.000	0 [0]
4.5	-2.000	0 [0]
5	12.000	0 [0]
5.5	12.000	0 [0]
6	-10.000	0 [0]
6.5	-8.000	0 [0]
7	4.000	0 [0]
7.5	6.000	0 [0]
8	-6.000	0 [0]
8.5	-4.000	0 [0]
9	2.000	0 [0]
9.5	6.000	0 [0]
10	16.000	0 [0]
10.5	16.000	1 [1]
11	-10.000	0 [0]
11.5	-18.000	0 [0]
12	2.000	0 [0]
12.5	6.000	0 [0]
13	4.000	0 [0]
13.5	2.000	0 [0]
14	0.000	0 [0]
14.5	6.000	0 [0]
15	12.000	1 [1]
15.5	-2.000	1 [1]
16	-8.000	0 [0]
16.5	-22.000	0 [0]
17	-8.000	0 [0]
17.5	20.000	0 [0]
18	50.000	1 [1]
18.5	16.000	1 [1]
19	4.000	1 [1]
19.5	-26.000	1 [1]
20	-40.000	0 [0]
20.5	-22.000	0 [0]
21	44.000	1 [1]
21.5	40.000	1 [1]
22	12.000	1 [2]
22.5	-42.000	1 [1]
23	-34.000	0 [0]
23.5	14.000	1 [1]
24	40.000	1 [1]
24.5	-12.000	1 [1]
25	-40.000	0 [0]
25.5	28.000	1 [1]
26	48.000	1 [2]
26.5	26.000	1 [2]
27	-2.000	1 [2]
27.5	-56.000	1 [1]
28	-40.000	0 [0]
28.5	12.000	1 [1]
29	20.000	1 [1]
29.5	26.000	1 [1]
30	22.000	1 [2]
30.5	-18.000	1 [1]
31	-26.000	1 [1]
31.5	-4.000	1 [1]
32	6.000	1 [1]
32.5	24.000	1 [1]
33	10.000	1 [2]
33.5	-20.000	1 [1]
34	-20.000	1 [1]
34.5	0.000	1 [1]
35	14.000	1 [1]
35.5	12.000	1 [1]
36	0.000	1 [1]
36.5	2.000	1 [1]
37	2.000	1 [1]
37.5	0.000	1 [1]
38	-4.000	1 [1]
38.5	-12.000	1 [1]
39	2.000	1 [1]
39.5	16.000	1 [2]
40	4.000	1 [2]
40.5	-8.000	1 [1]
41	-2.000	1 [1]
41.5	8.000	1 [2]
42	12.000	1 [2]
42.5	4.000	1 [2]
43	-4.000	1 [2]
43.5	-6.000	1 [2]
44	2.000	1 [2]
44.5	6.000	1 [2]
45	6.000	1 [2]
45.5	-2.000	1 [2]
46	-4.000	1 [2]
46.5	-2.000	1 [2]
47	4.000	1 [2]
47.5	10.000	1 [2]
48	8.000	1 [2]
48.5	0.000	1 [2]
49	-2.000	1 [2]
49.5	-2.000	1 [2]
50	-2.000	1 [2]
50.5	-2.000	1 [2]
51	4.000	1 [2]
51.5	8.000	1 [2]
52	4.000	1 [2]
52.5	-4.000	1 [2]
53	-6.000	1 [2]
53.5	-2.000	1 [2]
54	6.000	1 [2]
54.5	6.000	1 [2]
55	0.000	1 [2]
55.5	-2.000	1 [2]
56	-2.000	1 [2]
56.5	2.000	1 [2]
57	0.000	1 [2]
57.5	0.000	1 [2]
58	2.000	1 [2]
58.5	4.000	1 [2]
59	4.000	1 [2]
59.5	0.000	1 [2]


Right C-Pillar Impact Peripheral Sensor Y (2nd Prior Event - Deployment)
g
60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
0
5
10
15
20
25
30
35
40
45
50
55
60
msec


Right C-Pillar Impact Peripheral Sensor Y Delta-V (2nd Prior Event - Deployment)
MPH
20
15
10
5
0
-5
-10
-15
-20
km/h
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
0
5
10
15
20
25
30
35
40
45
50
55
60
msec

Right C-Pillar Impact Peripheral Sensor Y (2nd Prior Event - Deployment)

Time (msec)	Right C-Pillar Impact Peripheral Sensor Y (g)	Right C-Pillar Impact Peripheral Sensor Y Delta-V (MPH
0	2.000	0 [0]
0.5	2.000	0 [0]
1	2.000	0 [0]
1.5	2.000	0 [0]
2	2.000	0 [0]
2.5	2.000	0 [0]
3	2.000	0 [0]
3.5	-2.000	0 [0]
4	0.000	0 [0]
4.5	6.000	0 [0]
5	4.000	0 [0]
5.5	-4.000	0 [0]
6	-2.000	0 [0]
6.5	8.000	0 [0]
7	0.000	0 [0]
7.5	-14.000	0 [0]
8	-8.000	0 [0]
8.5	10.000	0 [0]
9	30.000	1 [1]
9.5	18.000	1 [1]
10	-10.000	1 [1]
10.5	-20.000	1 [1]
11	4.000	1 [1]
11.5	12.000	1 [1]
12	0.000	1 [1]
12.5	-26.000	0 [0]
13	-28.000	0 [0]
13.5	20.000	0 [0]
14	40.000	1 [1]
14.5	26.000	1 [1]
15	-8.000	1 [1]
15.5	-22.000	1 [1]
16	-6.000	1 [1]
16.5	4.000	1 [1]
17	18.000	1 [1]
17.5	4.000	1 [1]
18	4.000	1 [1]
18.5	-2.000	1 [1]
19	0.000	1 [1]
19.5	0.000	1 [1]
20	8.000	1 [1]
20.5	12.000	1 [2]
21	-2.000	1 [2]
21.5	0.000	1 [2]
22	-2.000	1 [2]
22.5	4.000	1 [2]
23	-18.000	1 [1]
23.5	0.000	1 [1]
24	14.000	1 [2]
24.5	22.000	1 [2]
25	2.000	1 [2]
25.5	-14.000	1 [2]
26	4.000	1 [2]
26.5	-2.000	1 [2]
27	0.000	1 [2]
27.5	-4.000	1 [2]
28	6.000	1 [2]
28.5	4.000	1 [2]
29	6.000	1 [2]
29.5	16.000	1 [2]
30	-2.000	1 [2]
30.5	-8.000	1 [2]
31	-4.000	1 [2]
31.5	2.000	1 [2]
32	0.000	1 [2]
32.5	-6.000	1 [2]
33	0.000	1 [2]
33.5	-4.000	1 [2]
34	0.000	1 [2]
34.5	8.000	1 [2]
35	4.000	1 [2]
35.5	2.000	1 [2]
36	2.000	1 [2]
36.5	6.000	1 [2]
37	4.000	1 [2]
37.5	-8.000	1 [2]
38	-4.000	1 [2]
38.5	0.000	1 [2]
39	0.000	1 [2]
39.5	4.000	1 [2]
40	0.000	1 [2]
40.5	4.000	1 [2]
41	2.000	1 [2]
41.5	2.000	1 [2]
42	2.000	1 [2]
42.5	2.000	1 [2]
43	2.000	1 [2]
43.5	0.000	1 [2]
44	0.000	1 [2]
44.5	2.000	1 [2]
45	2.000	1 [2]
45.5	4.000	2 [3]
46	2.000	2 [3]
46.5	0.000	2 [3]
47	2.000	2 [3]
47.5	2.000	2 [3]
48	2.000	2 [3]
48.5	0.000	2 [3]
49	0.000	2 [3]
49.5	2.000	2 [3]
50	2.000	2 [3]
50.5	2.000	2 [3]
51	0.000	2 [3]
51.5	0.000	2 [3]
52	2.000	2 [3]
52.5	2.000	2 [3]
53	0.000	2 [3]
53.5	0.000	2 [3]
54	0.000	2 [3]
54.5	2.000	2 [3]
55	2.000	2 [3]
55.5	0.000	2 [3]
56	0.000	2 [3]
56.5	0.000	2 [3]
57	2.000	2 [3]
57.5	2.000	2 [3]
58	2.000	2 [3]
58.5	2.000	2 [3]
59	0.000	2 [3]
59.5	0.000	2 [3]

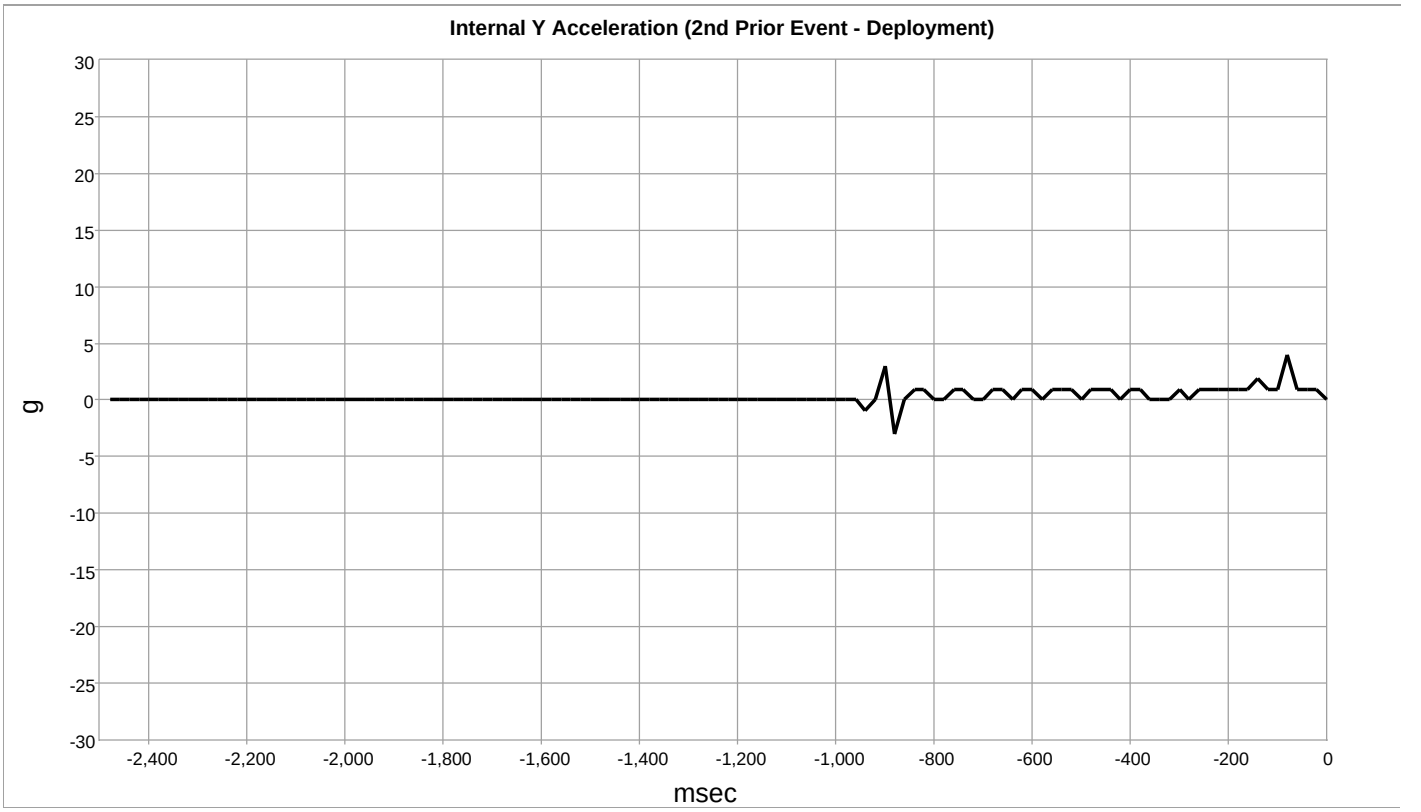

Angular Rate (2nd Prior Event - Deployment)
deg/sec
148
108
68
28
-12
-52
-92
-132
-172
-212
-252
-2,500
-2,000
-1,500
-1,000
-500
0
500
1,000
1,500
2,000
2,500
msec

Angular Rate (2nd Prior Event - Deployment)

Time (msec)	Angular Rate (deg/sec)	Time (msec)	Angular Rate (deg/sec)	Time (msec)	Angular Rate (deg/sec)
-2500	0.0	-1500	2.5	-500	-27.5
-2480	0.0	-1480	2.5	-480	-27.5
-2460	2.5	-1460	5.0	-460	-30.0
-2440	2.5	-1440	2.5	-440	-30.0
-2420	2.5	-1420	2.5	-420	-32.5
-2400	0.0	-1400	2.5	-400	-35.0
-2380	0.0	-1380	2.5	-380	-37.5
-2360	0.0	-1360	2.5	-360	-42.5
-2340	0.0	-1340	2.5	-340	-47.5
-2320	2.5	-1320	0.0	-320	-50.0
-2300	0.0	-1300	0.0	-300	-57.5
-2280	0.0	-1280	0.0	-280	-60.0
-2260	0.0	-1260	0.0	-260	-65.0
-2240	0.0	-1240	0.0	-240	-72.5
-2220	0.0	-1220	0.0	-220	-77.5
-2200	0.0	-1200	0.0	-200	-87.5
-2180	0.0	-1180	2.5	-180	-97.5
-2160	2.5	-1160	0.0	-160	-110.0
-2140	0.0	-1140	0.0	-140	-122.5
-2120	0.0	-1120	0.0	-120	-140.0
-2100	0.0	-1100	-2.5	-100	-157.5
-2080	0.0	-1080	-2.5	-80	-172.5
-2060	0.0	-1060	-2.5	-60	-190.0
-2040	0.0	-1040	-2.5	-40	-210.0
-2020	0.0	-1020	-5.0	-20	-227.5
-2000	-2.5	-1000	-2.5	0	-232.5
-1980	-2.5	-980	-2.5	20	-227.5
-1960	-5.0	-960	0.0	40	-227.5
-1940	-7.5	-940	10.0	60	-227.5
-1920	-7.5	-920	57.5	80	-230.0
-1900	-10.0	-900	22.5	100	-227.5
-1880	-10.0	-880	0.0	120	-225.0
-1860	-10.0	-860	-10.0	140	-220.0
-1840	-10.0	-840	-47.5	160	-222.5
-1820	-10.0	-820	-62.5	180	-220.0
-1800	-7.5	-800	-70.0	200	-217.5
-1780	-5.0	-780	-65.0	220	-217.5
-1760	-2.5	-760	-65.0	240	-215.0
-1740	-2.5	-740	-62.5	260	-215.0
-1720	0.0	-720	-60.0	280	-202.5
-1700	2.5	-700	-50.0	300	-200.0
-1680	5.0	-680	-50.0	320	-177.5
-1660	5.0	-660	-45.0	340	-155.0
-1640	5.0	-640	-42.5	360	-162.5
-1620	7.5	-620	-32.5	380	-155.0
-1600	5.0	-600	-27.5	400	-152.5
-1580	7.5	-580	-27.5	420	-155.0
-1560	5.0	-560	-30.0	440	-152.5
-1540	5.0	-540	-25.0	460	-157.5
-1520	2.5	-520	-25.0	480	-157.5

Angular Rate (2nd Prior Event - Deployment)

Time (msec)	Angular Rate (deg/sec)	Time (msec)	Angular Rate (deg/sec)
500	-157.5	1500	70.0
520	-152.5	1520	67.5
540	-155.0	1540	65.0
560	-152.5	1560	65.0
580	-150.0	1580	62.5
600	-147.5	1600	62.5
620	-147.5	1620	60.0
640	-140.0	1640	60.0
660	-132.5	1660	57.5
680	-115.0	1680	57.5
700	-72.5	1700	57.5
720	-62.5	1720	57.5
740	-67.5	1740	57.5
760	-62.5	1760	60.0
780	-47.5	1780	60.0
800	-45.0	1800	65.0
820	-40.0	1820	70.0
840	-27.5	1840	72.5
860	-15.0	1860	77.5
880	-12.5	1880	82.5
900	-5.0	1900	87.5
920	0.0	1920	92.5
940	2.5	1940	97.5
960	5.0	1960	100.0
980	10.0	1980	100.0
1000	15.0	2000	100.0
1020	17.5	2020	100.0
1040	22.5	2040	102.5
1060	30.0	2060	102.5
1080	37.5	2080	100.0
1100	42.5	2100	100.0
1120	55.0	2120	105.0
1140	62.5	2140	110.0
1160	75.0	2160	115.0
1180	85.0	2180	117.5
1200	97.5	2200	117.5
1220	107.5	2220	115.0
1240	115.0	2240	115.0
1260	122.5	2260	117.5
1280	127.5	2280	117.5
1300	125.0	2300	122.5
1320	122.5	2320	125.0
1340	122.5	2340	130.0
1360	120.0	2360	130.0
1380	100.0	2380	135.0
1400	85.0	2400	150.0
1420	92.5	2420	155.0
1440	90.0	2440	142.5
1460	80.0	2460	127.5
1480	75.0	2480	112.5

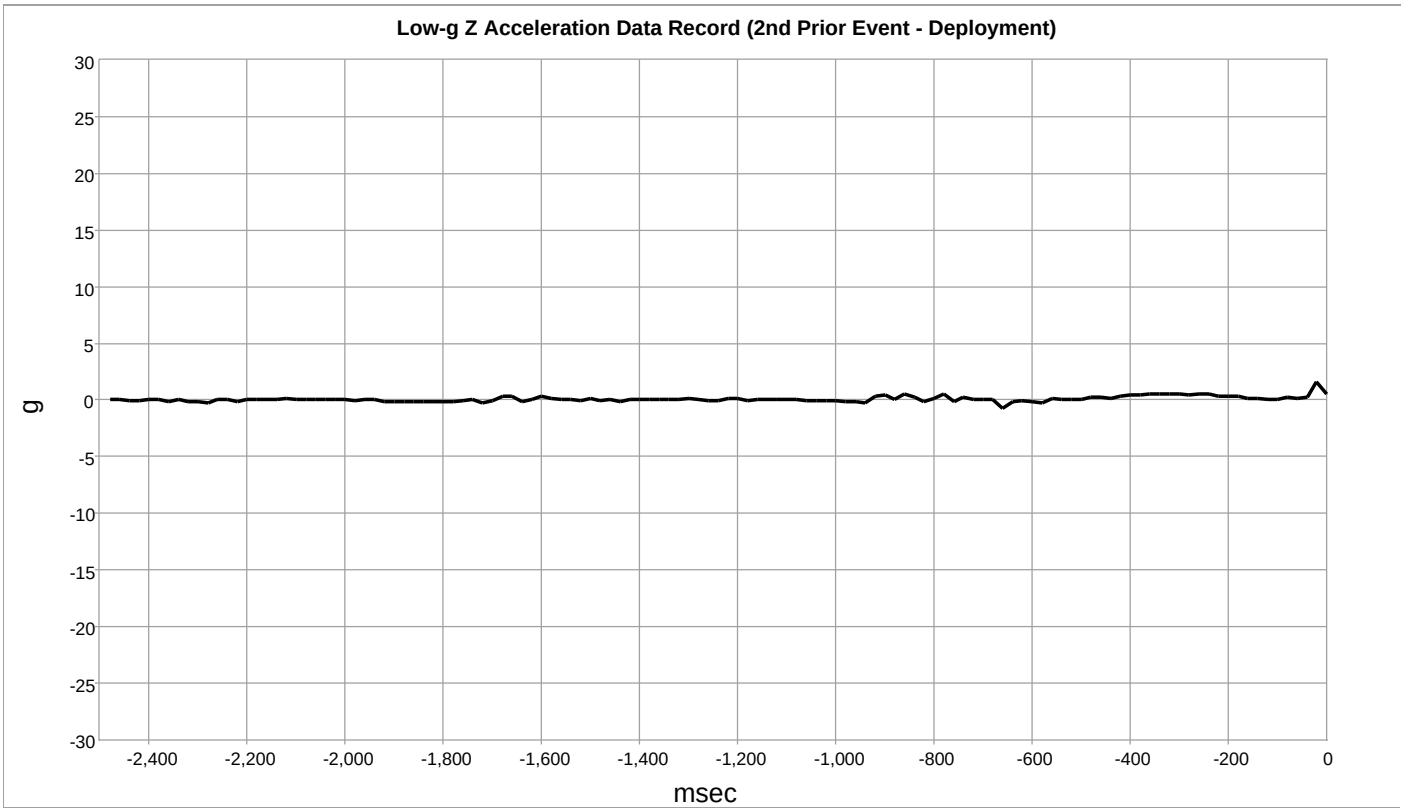

Internal Y Acceleration (2nd Prior Event - Deployment)
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
g
-2,400
-2,200
-2,000
-1,800
-1,600
-1,400
-1,200
-1,000
-800
-600
-400
-200
0
msec

Internal Y Acceleration (2nd Prior Event - Deployment)

Time (msec)	Internal Y Acceleration (g)
-2480	0.00000
-2460	0.00000
-2440	0.00000
-2420	0.00000
-2400	0.00000
-2380	0.00000
-2360	0.00000
-2340	0.00000
-2320	0.00000
-2300	0.00000
-2280	0.00000
-2260	0.00000
-2240	0.00000
-2220	0.00000
-2200	0.00000
-2180	0.00000
-2160	0.00000
-2140	0.00000
-2120	0.00000
-2100	0.00000
-2080	0.00000
-2060	0.00000
-2040	0.00000
-2020	0.00000
-2000	0.00000
-1980	0.00000
-1960	0.00000
-1940	0.00000
-1920	0.00000
-1900	0.00000
-1880	0.00000
-1860	0.00000
-1840	0.00000
-1820	0.00000
-1800	0.00000
-1780	0.00000
-1760	0.00000
-1740	0.00000
-1720	0.00000
-1700	0.00000
-1680	0.00000
-1660	0.00000
-1640	0.00000
-1620	0.00000
-1600	0.00000
-1580	0.00000
-1560	0.00000
-1540	0.00000
-1520	0.00000
-1500	0.00000

Time (msec)	Internal Y Acceleration (g)
-1480	0.00000
-1460	0.00000
-1440	0.00000
-1420	0.00000
-1400	0.00000
-1380	0.00000
-1360	0.00000
-1340	0.00000
-1320	0.00000
-1300	0.00000
-1280	0.00000
-1260	0.00000
-1240	0.00000
-1220	0.00000
-1200	0.00000
-1180	0.00000
-1160	0.00000
-1140	0.00000
-1120	0.00000
-1100	0.00000
-1080	0.00000
-1060	0.00000
-1040	0.00000
-1020	0.00000
-1000	0.00000
-980	0.00000
-960	0.00000
-940	-0.97656
-920	0.00000
-900	2.97850
-880	-2.97850
-860	0.00000
-840	0.97656
-820	0.97656
-800	0.00000
-780	0.00000
-760	0.97656
-740	0.97656
-720	0.00000
-700	0.00000
-680	0.97656
-660	0.97656
-640	0.00000
-620	0.97656
-600	0.97656
-580	0.00000
-560	0.97656
-540	0.97656
-520	0.97656
-500	0.00000

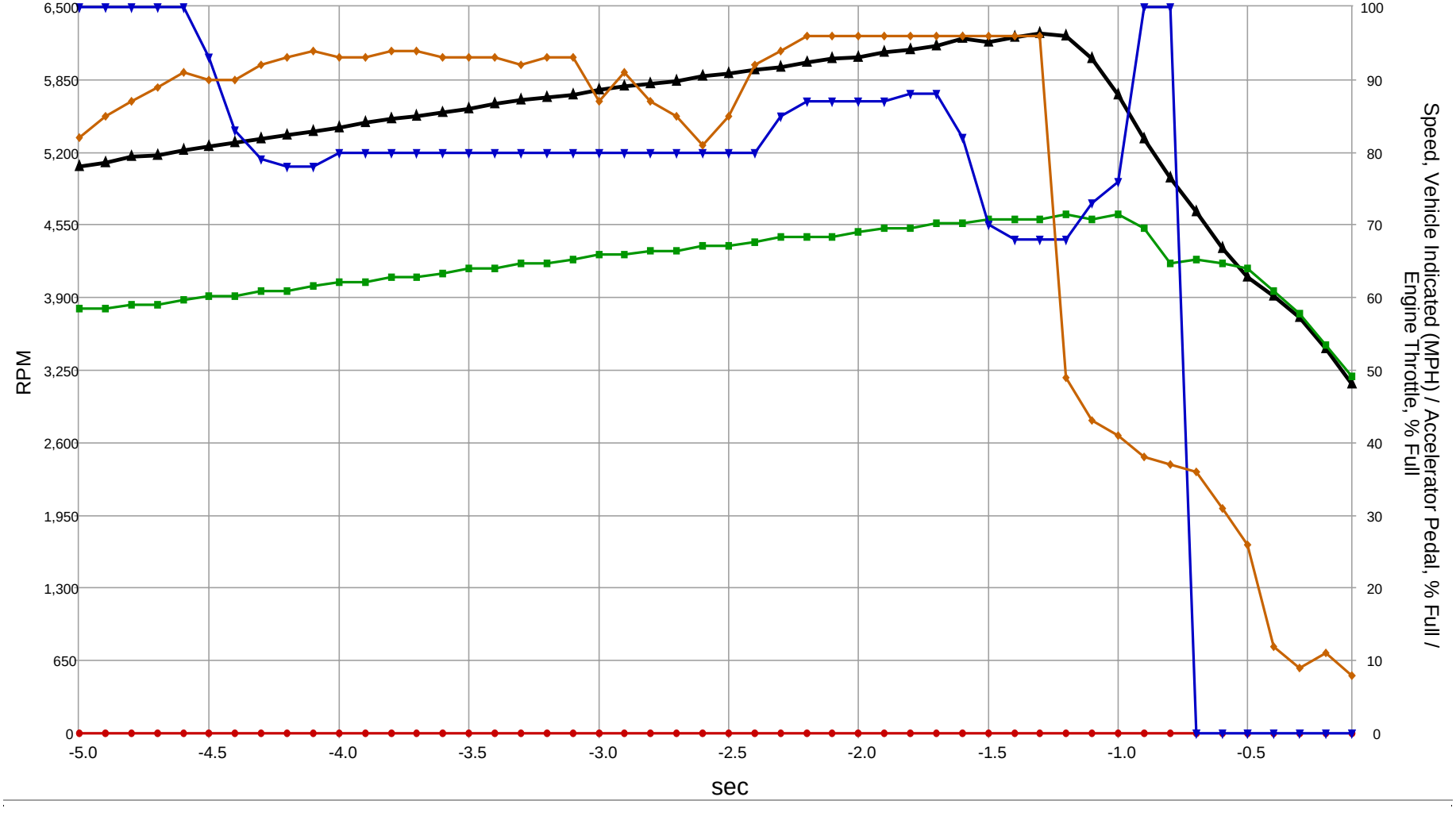
Time (msec)	Internal Y Acceleration (g)
-480	0.97656
-460	0.97656
-440	0.97656
-420	0.00000
-400	0.97656
-380	0.97656
-360	0.00000
-340	0.00000
-320	0.00000
-300	0.97656
-280	0.00000
-260	0.97656
-240	0.97656
-220	0.97656
-200	0.97656
-180	0.97656
-160	0.97656
-140	1.95312
-120	0.97656
-100	0.97656
-80	3.95506
-60	0.97656
-40	0.97656
-20	0.97656
0	0.00000


Low-g Z Acceleration Data Record (2nd Prior Event - Deployment)
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
g
-2,400
-2,200
-2,000
-1,800
-1,600
-1,400
-1,200
-1,000
-800
-600
-400
-200
0
msec

Low-g Z Acceleration Data Record (2nd Prior Event - Deployment)

Time (msec)	Low-g Z Acceleration Data Record (g)
-2480	0.00000
-2460	0.00000
-2440	-0.06245
-2420	-0.06245
-2400	0.00000
-2380	0.00000
-2360	-0.18736
-2340	0.00000
-2320	-0.18736
-2300	-0.18736
-2280	-0.24982
-2260	0.00000
-2240	0.00000
-2220	-0.18736
-2200	0.00000
-2180	0.06245
-2160	0.00000
-2140	0.00000
-2120	0.12491
-2100	0.06245
-2080	0.00000
-2060	0.06245
-2040	0.00000
-2020	0.00000
-2000	0.00000
-1980	-0.06245
-1960	0.00000
-1940	0.00000
-1920	-0.12491
-1900	-0.12491
-1880	-0.12491
-1860	-0.12491
-1840	-0.12491
-1820	-0.12491
-1800	-0.12491
-1780	-0.18736
-1760	-0.06245
-1740	0.00000
-1720	-0.24982
-1700	-0.06245
-1680	0.31249
-1660	0.31249
-1640	-0.12491
-1620	0.00000
-1600	0.31249
-1580	0.12491
-1560	0.00000
-1540	0.00000
-1520	-0.06245
-1500	0.12491
-1480	-0.06245
-1460	0.00000
-1440	-0.12491
-1420	0.00000
-1400	0.00000
-1380	0.06245
-1360	0.00000
-1340	0.00000
-1320	0.00000
-1300	0.12491
-1280	0.00000
-1260	-0.06245
-1240	-0.06245
-1220	0.12491
-1200	0.18736
-1180	-0.06245
-1160	0.00000
-1140	0.06245
-1120	0.00000
-1100	0.00000
-1080	0.06245
-1060	-0.06245
-1040	-0.06245
-1020	-0.06245
-1000	-0.06245
-980	-0.18736
-960	-0.12491
-940	-0.24982
-920	0.37494
-900	0.43740
-880	0.00000
-860	0.49985
-840	0.24982
-820	-0.12491
-800	0.12491
-780	0.56231
-760	-0.12491
-740	0.24982
-720	0.00000
-700	0.00000
-680	0.00000
-660	-0.68743
-640	-0.12491
-620	-0.06245
-600	-0.18736
-580	-0.24982
-560	0.18736
-540	0.06245
-520	0.06245
-500	0.00000
-480	0.24982
-460	0.24982
-440	0.18736
-420	0.37494
-400	0.43740
-380	0.43740
-360	0.56231
-340	0.56231
-320	0.56231
-300	0.56231
-280	0.43740
-260	0.49985
-240	0.49985
-220	0.37494
-200	0.31249
-180	0.31249
-160	0.12491
-140	0.12491
-120	0.00000
-100	0.00000
-80	0.24982
-60	0.18736
-40	0.24982
-20	1.62491
0	0.49985

Pre-Crash Data -5 to 0 Sec



Pre-Crash Data -5 to 0 Sec (Part I - 100 msec) (2nd Prior Event - Deployment) - Table 1 of 2

Time (sec)	Pre-Crash Recorder Status	Speed, Vehicle Indicated (MPH [km/h])	Accelerator Pedal, % Full (%)	Engine Throttle, % Full (%)	Service Brake	Engine RPM (RPM)	ABS Activity	Stability Control
-5.0	Complete	58 [94]	100	82	Off	5,075	No	On
-4.9	Complete	58 [94]	100	85	Off	5,102	No	On
-4.8	Complete	59 [95]	100	87	Off	5,160	No	On
-4.7	Complete	59 [95]	100	89	Off	5,174	No	On
-4.6	Complete	60 [96]	100	91	Off	5,222	No	On
-4.5	Complete	60 [97]	93	90	Off	5,257	No	On
-4.4	Complete	60 [97]	83	90	Off	5,283	No	On
-4.3	Complete	61 [98]	79	92	Off	5,314	No	On
-4.2	Complete	61 [98]	78	93	Off	5,352	No	On
-4.1	Complete	62 [99]	78	94	Off	5,391	No	On
-4.0	Complete	62 [100]	80	93	Off	5,417	No	On
-3.9	Complete	62 [100]	80	93	Off	5,461	No	On
-3.8	Complete	63 [101]	80	94	Off	5,498	No	On
-3.7	Complete	63 [101]	80	94	Off	5,524	No	On
-3.6	Complete	63 [102]	80	93	Off	5,558	No	On
-3.5	Complete	64 [103]	80	93	Off	5,584	No	On
-3.4	Complete	64 [103]	80	93	Off	5,635	No	On
-3.3	Complete	65 [104]	80	92	Off	5,666	No	On
-3.2	Complete	65 [104]	80	93	Off	5,685	No	On
-3.1	Complete	65 [105]	80	93	Off	5,710	No	On
-3.0	Complete	66 [106]	80	87	Off	5,760	No	On
-2.9	Complete	66 [106]	80	91	Off	5,797	No	On
-2.8	Complete	66 [107]	80	87	Off	5,816	No	On
-2.7	Complete	66 [107]	80	85	Off	5,840	No	On
-2.6	Complete	67 [108]	80	81	Off	5,877	No	On
-2.5	Complete	67 [108]	80	85	Off	5,909	No	On
-2.4	Complete	68 [109]	80	92	Off	5,939	No	On
-2.3	Complete	68 [110]	85	94	Off	5,963	No	On
-2.2	Complete	68 [110]	87	96	Off	6,001	No	On
-2.1	Complete	68 [110]	87	96	Off	6,034	No	On
-2.0	Complete	69 [111]	87	96	Off	6,046	No	On
-1.9	Complete	70 [112]	87	96	Off	6,092	No	On
-1.8	Complete	70 [112]	88	96	Off	6,120	No	On
-1.7	Complete	70 [113]	88	96	Off	6,146	No	On
-1.6	Complete	70 [113]	82	96	Off	6,224	No	On
-1.5	Complete	71 [114]	70	96	Off	6,188	No	On
-1.4	Complete	71 [114]	68	96	Off	6,232	No	On
-1.3	Complete	71 [114]	68	96	Off	6,264	No	On
-1.2	Complete	71 [115]	68	49	Off	6,245	No	On
-1.1	Complete	71 [114]	73	43	Off	6,037	No	On
-1.0	Complete	71 [115]	76	41	Off	5,715	No	On
-0.9	Complete	70 [112]	100	38	Off	5,320	No	On
-0.8	Complete	65 [104]	100	37	Off	4,974	No	On
-0.7	Complete	65 [105]	0	36	Off	4,670	Yes	On
-0.6	Complete	65 [104]	0	31	Off	4,338	Yes	Partial Off
-0.5	Complete	64 [103]	0	26	Off	4,080	Yes	Partial Off
-0.4	Complete	61 [98]	0	12	Off	3,913	Yes	Partial Off
-0.3	Complete	58 [93]	0	9	Off	3,721	Yes	Partial Off
-0.2	Complete	53 [86]	0	11	Off	3,445	Yes	Partial Off
-0.1	Complete	49 [79]	0	8	Off	3,126	Yes	Partial Off

Pre-Crash Data -5 to 0 Sec (Part I - 100 msec) (2nd Prior Event - Deployment) - Table 2 of 2

Time (sec)	Steering Input (deg)
-5.0	-0.9
-4.9	-1.0
-4.8	-0.9
-4.7	-0.9
-4.6	-1.0
-4.5	-0.9
-4.4	-0.9
-4.3	-0.9
-4.2	-1.0
-4.1	-1.0
-4.0	-1.0
-3.9	-1.0
-3.8	-0.8
-3.7	-0.6
-3.6	-1.0
-3.5	-2.9
-3.4	-4.6
-3.3	-5.5
-3.2	-7.1
-3.1	-9.1
-3.0	-9.2
-2.9	-9.0
-2.8	-9.0
-2.7	-9.0
-2.6	-8.3
-2.5	-4.3
-2.4	0.7
-2.3	3.5
-2.2	5.3
-2.1	6.8
-2.0	6.0
-1.9	1.1
-1.8	1.1
-1.7	4.0
-1.6	11.4
-1.5	17.6
-1.4	18.1
-1.3	21.2
-1.2	22.6
-1.1	23.7
-1.0	21.7
-0.9	14.0
-0.8	22.6
-0.7	7.2
-0.6	45.2
-0.5	83.1
-0.4	63.3
-0.3	68.9
-0.2	63.7
-0.1	62.1

Pre-Crash Data -5 to 0 Sec (Part II - 100 msec) (2nd Prior Event - Deployment)

Time (sec)	Pre-Crash Recorder Status	Braking system, Maximum Braking	Wheel Speed, LF (MPH [km/h])	Wheel Speed, RF (MPH [km/h])	Wheel Speed, LR (MPH [km/h])	Wheel Speed, RR (MPH [km/h])	Yaw Rate (deg/sec)	Master Cylinder Pressure (Bar)
-5.0	Complete	Not Active	57 [91]	56 [90]	57 [91]	57 [91]	0.96	0.00
-4.9	Complete	Not Active	57 [92]	57 [91]	57 [92]	57 [91]	0.64	0.00
-4.8	Complete	Not Active	58 [93]	57 [92]	58 [93]	57 [92]	0.72	0.00
-4.7	Complete	Not Active	58 [93]	57 [92]	58 [93]	58 [93]	0.72	0.00
-4.6	Complete	Not Active	58 [94]	58 [93]	58 [94]	58 [93]	0.64	0.00
-4.5	Complete	Not Active	59 [95]	58 [94]	59 [95]	58 [94]	0.80	0.00
-4.4	Complete	Not Active	59 [95]	58 [94]	59 [95]	59 [95]	0.80	0.00
-4.3	Complete	Not Active	60 [96]	59 [95]	60 [96]	59 [95]	0.80	0.00
-4.2	Complete	Not Active	60 [96]	59 [95]	60 [96]	60 [96]	0.72	0.00
-4.1	Complete	Not Active	60 [97]	60 [96]	60 [97]	60 [96]	0.64	0.00
-4.0	Complete	Not Active	61 [98]	60 [97]	61 [98]	60 [97]	0.64	0.00
-3.9	Complete	Not Active	61 [98]	61 [98]	61 [98]	61 [98]	0.88	0.00
-3.8	Complete	Not Active	62 [99]	61 [98]	62 [99]	61 [98]	0.72	0.00
-3.7	Complete	Not Active	62 [100]	62 [99]	62 [100]	62 [99]	0.64	0.00
-3.6	Complete	Not Active	62 [100]	62 [100]	62 [100]	62 [100]	1.36	0.00
-3.5	Complete	Not Active	63 [101]	62 [100]	63 [101]	62 [100]	0.80	0.00
-3.4	Complete	Not Active	63 [102]	63 [101]	63 [102]	63 [101]	0.00	0.00
-3.3	Complete	Not Active	63 [102]	63 [101]	63 [102]	63 [102]	-0.56	0.00
-3.2	Complete	Not Active	64 [103]	63 [102]	64 [103]	63 [102]	-0.96	0.00
-3.1	Complete	Not Active	64 [103]	63 [102]	64 [103]	64 [103]	-1.60	0.00
-3.0	Complete	Not Active	65 [104]	64 [103]	65 [104]	64 [103]	-2.64	0.00
-2.9	Complete	Not Active	65 [105]	65 [104]	65 [105]	65 [104]	-2.24	0.00
-2.8	Complete	Not Active	65 [105]	65 [104]	65 [105]	65 [105]	-2.08	0.00
-2.7	Complete	Not Active	66 [106]	65 [105]	66 [106]	65 [105]	-1.52	0.00
-2.6	Complete	Not Active	66 [106]	65 [105]	66 [106]	66 [106]	-2.16	0.00
-2.5	Complete	Not Active	66 [107]	66 [106]	66 [107]	66 [106]	-2.00	0.00
-2.4	Complete	Not Active	67 [108]	66 [106]	67 [108]	66 [107]	-0.24	0.00
-2.3	Complete	Not Active	67 [108]	66 [107]	67 [108]	66 [107]	2.00	0.00
-2.2	Complete	Not Active	68 [109]	67 [108]	68 [109]	67 [108]	2.88	0.00
-2.1	Complete	Not Active	68 [109]	67 [108]	68 [109]	67 [108]	3.12	0.00
-2.0	Complete	Not Active	68 [110]	68 [109]	68 [110]	68 [109]	3.76	0.00
-1.9	Complete	Not Active	68 [110]	68 [109]	68 [110]	68 [109]	3.20	0.00
-1.8	Complete	Not Active	69 [111]	68 [110]	69 [111]	68 [110]	1.44	0.00
-1.7	Complete	Not Active	69 [111]	69 [111]	69 [111]	69 [111]	1.60	0.00
-1.6	Complete	Not Active	70 [112]	69 [111]	69 [111]	69 [111]	4.00	0.00
-1.5	Complete	Not Active	70 [113]	69 [111]	70 [112]	69 [111]	7.20	0.00
-1.4	Complete	Not Active	70 [113]	70 [112]	70 [113]	69 [111]	8.48	0.00
-1.3	Complete	Not Active	70 [113]	70 [112]	71 [114]	70 [112]	7.52	0.00
-1.2	Complete	Not Active	71 [114]	70 [113]	71 [114]	70 [112]	7.76	0.00
-1.1	Complete	Not Active	71 [114]	71 [114]	70 [113]	70 [113]	8.40	0.00
-1.0	Complete	Not Active	71 [114]	71 [114]	71 [114]	70 [113]	9.20	0.00
-0.9	Complete	Not Active	70 [112]	53 [86]	71 [114]	72 [116]	-82.64	0.00
-0.8	Complete	Not Active	63 [101]	32 [52]	68 [109]	81 [131]	-94.56	0.00
-0.7	Complete	Not Active	59 [95]	57 [91]	68 [109]	74 [119]	-104.24	0.00
-0.6	Complete	Not Active	68 [110]	63 [102]	60 [97]	66 [106]	-111.68	0.00
-0.5	Complete	Not Active	71 [114]	69 [111]	56 [90]	58 [93]	-110.64	0.00
-0.4	Complete	Not Active	72 [116]	74 [119]	48 [77]	47 [75]	-101.04	0.00
-0.3	Complete	Not Active	73 [118]	77 [124]	40 [64]	36 [58]	-86.16	0.00
-0.2	Complete	Not Active	76 [123]	79 [127]	27 [44]	24 [39]	-74.00	0.00
-0.1	Complete	Not Active	79 [127]	81 [130]	15 [24]	14 [22]	-60.16	0.00

Pre-Crash Data -5 to 0 Sec (Part II - 250 msec) (2nd Prior Event - Deployment) - Table 1 of 3

Time (sec)	Pre-Crash Recorder Status	Current Gear	Tire Pressure Indicator Lamp	Tire Pressure status, LF	Tire Pressure status, RF	Tire Pressure status, LR	Tire Pressure status, RR	Tire Pressure, LF (psi)
-5.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-4.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-4.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-4.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-4.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-3.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-3.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-3.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-3.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-2.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-2.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-2.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-2.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-1.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-1.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-1.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-1.00	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-0.75	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-0.50	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18
-0.25	Complete	Neutral	Off	Normal	Normal	Normal	Normal	46.18

Pre-Crash Data -5 to 0 Sec (Part II - 250 msec) (2nd Prior Event - Deployment) - Table 2 of 3

Time (sec)	Tire Pressure, RF (psi)	Tire Pressure, LR (psi)	Tire Pressure, RR (psi)	Cruise Control Status	Cruise Control Engaged	Cruise Control Override	ETC Lamp	Reverse gear (MTX)
-5.00	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-4.75	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-4.50	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-4.25	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-4.00	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-3.75	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-3.50	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-3.25	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-3.00	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-2.75	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-2.50	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-2.25	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-2.00	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-1.75	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-1.50	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-1.25	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-1.00	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-0.75	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-0.50	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse
-0.25	44.59	43.39	42.99	Off	Not Engaged	No	Off	Not Reverse

Pre-Crash Data -5 to 0 Sec (Part II - 250 msec) (2nd Prior Event - Deployment) - Table 3 of 3

Time (sec)	Shift Lever Position	PCM MIL
-5.00	Drive	On
-4.75	Drive	On
-4.50	Drive	On
-4.25	Drive	On
-4.00	Drive	On
-3.75	Drive	On
-3.50	Drive	On
-3.25	Drive	On
-3.00	Drive	On
-2.75	Drive	On
-2.50	Drive	On
-2.25	Drive	On
-2.00	Drive	On
-1.75	Drive	On
-1.50	Drive	On
-1.25	Drive	On
-1.00	Drive	On
-0.75	Drive	On
-0.50	Drive	On
-0.25	Drive	On

Hexadecimal Data

Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR system.

```
62 01 02 1D 18 7B 3F 78 F8 19 43 32

62 01 E9 0D 3D 00 24 9B 8D 04 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

62 02 B6 04 7F 03 7F 02 7F

71 01 03 01 01 00 CC 00 00 00 01 00 00 22 DD 80 00 00 08 13 B9 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 01 CC 00 00 00 01 00 00 22 DD 80 00 00 08 14 3C 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 02 CC 00 00 00 01 00 00 22 DD 80 00 00 08 15 47 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 03 CC 00 00 00 01 00 00 22 DD 80 00 00 08 16 2F 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 04 CC 00 00 00 01 00 00 22 DD 80 00 00 08 16 E4 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 05 CC 00 00 00 01 00 00 22 DD 80 00 00 08 17 80 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 06 CC 00 00 00 01 00 00 22 DD 80 00 00 08 17 ED 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 07 CC 00 00 00 01 00 00 22 DD 80 00 00 08 18 41 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 08 CC 00 00 00 01 00 00 22 DD 80 00 00 08 18 87 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 09 CC 00 00 00 01 00 00 22 DD 80 00 00 08 18 B9 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 0A CC 00 00 00 01 00 00 22 DD 80 00 00 08 18 E6 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 0B CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 0E 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 0C CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 27 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 0D CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 36 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 0E CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 45 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 0F CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 5B 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 10 CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 75 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 11 CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 86 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 12 CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 89 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 13 CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 89 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 14 CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 89 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 15 CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 8C 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 16 CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 A4 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 17 CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 BD 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 18 CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 C9 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 19 CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 CA 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 1A CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 CB 7C 00 00 00 0B 00 00 00 00 00
```

71 01 03 01 01 1B CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 D1 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 1C CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 D9 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 1D CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 E0 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 1E CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 EA 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 1F CC 00 00 00 01 00 00 22 DD 80 00 00 08 19 F7 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 20 CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 03 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 21 CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 08 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 22 CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 0B 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 23 CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 0D 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 24 CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 0D 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 25 CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 12 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 26 CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 1A 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 27 CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 24 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 28 CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 2E 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 29 CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 35 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 2A CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 38 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 2B CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 39 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 2C CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 3A 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 2D CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 3F 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 2E CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 46 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 2F CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 4D 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 30 CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 57 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 01 31 CC 00 00 00 01 00 00 22 DD 80 00 00 08 1A 5D 7C 00 00 00 0B 00 00 00 00 00

71 01 03 01 02 00 CC 02 5D 00 48 00 00 1F E1 80 00 2F 09 1B 6A 04 00 00 00 06 00 00 00 00 00

71 01 03 01 02 01 CC 02 75 00 4E 00 00 1F E1 80 00 38 09 1A B3 04 00 00 00 06 00 00 00 00 00

71 01 03 01 02 02 CC 02 79 00 4F 00 00 1B E5 80 00 00 09 1A A6 04 00 00 00 01 00 00 00 00 00

71 01 03 01 02 03 CC 02 80 00 50 00 00 1A E5 80 01 04 09 1A 84 04 00 00 00 01 00 00 00 00 00

71 01 03 01 02 04 CC 02 82 00 50 00 00 1A E5 80 01 04 09 1A 7B 04 00 00 00 01 00 00 00 00 00

71 01 03 01 02 05 CC 02 85 00 50 00 00 1C E4 80 01 04 09 1A 75 04 00 00 00 01 00 00 00 00 00

71 01 03 01 02 06 CC 02 87 00 51 00 00 1C E4 80 01 04 09 1A 74 04 00 00 00 03 00 00 00 00 00

71 01 03 01 02 07 CC 02 8A 00 51 00 00 1C E4 80 01 5E 09 1A 6C 04 00 00 00 03 00 00 00 00 00

71 01 03 01 02 08 CC 02 8C 00 52 00 00 1D E2 80 01 5E 09 1A 6C 04 00 00 00 03 00 00 00 00 00

71 01 03 01 02 09 CC 02 94 00 53 00 00 22 DD 80 01 AD 09 1A 29 04 00 00 00 04 00 00 00 00 00

71 01 03 01 02 0A CC 02 9D 00 54 00 00 3A C5 80 01 E4 09 19 EC 04 00 00 00 07 00 00 00 00 00

71 01 03 01 02 0B CC 02 A5 00 55 00 00 43 BC 80 02 0F 09 1A 54 04 00 00 00 0E 00 00 00 00 00

71 01 03 01 02 0C CC 02 AD 00 57 00 00 48 B7 80 02 B3 09 1A 58 04 00 00 00 32 00 00 00 00 00

71 01 03 01 02 0D CC 02 B8 00 57 00 00 48 B7 80 03 33 09 19 77 04 00 00 00 35 00 00 00 00 00

71 01 03 01 02 0E CC 02 BA 00 58 00 00 4E B2 80 03 63 09 19 82 04 00 00 00 35 00 00 00 00 00

71 01 03 01 02 0F CC 02 C5 00 5A 00 00 4D B3 80 03 E0 09 1B 21 04 00 00 00 41 00 00 00 00 00

71 01 03 01 02 10 CC 02 D0 00 5A 00 00 4D B3 80 04 45 09 1B A0 04 00 00 00 40 00 00 00 00 00

71 01 03 01 02 11 CC 02 D4 00 5B 00 00 4D B3 80 04 63 09 1B C6 04 00 00 00 44 00 00 00 00 00

71 01 03 01 02 12 CC 02 D8 00 5B 00 00 4D B2 80 04 81 09 1B EE 04 00 00 00 44 00 00 00 00 00

71 01 03 01 02 13 CC 02 DC 00 5C 00 00 47 B8 80 04 BC 09 1C 10 04 00 00 00 44 00 00 00 00 00

71 01 03 01 02 14 CC 02 E7 00 5E 00 00 4D B2 80 05 19 09 1B CF 04 00 00 00 43 00 00 00 00 00

71 01 03 01 02 15 CC 02 E7 00 5E 00 00 4D B2 80 05 19 09 1B C1 04 00 00 00 39 00 00 00 00 00

71 01 03 01 02 16 CC 02 EF 00 5F 00 00 4D B2 80 05 7D 09 1C 11 04 00 00 00 43 00 00 00 00 00

71 01 03 01 02 17 CC 02 F1 00 5F 00 00 6A 95 80 05 7D 09 1C 49 04 00 00 00 43 00 00 00 00 00

71 01 03 01 02 18 CC 02 F6 00 60 00 00 37 C8 80 05 AA 09 1C 7D 04 00 00 00 43 00 00 00 00 00

71 01 03 01 02 19 CC 02 FC 00 66 00 00 29 D6 80 05 DF 09 1C DA 04 00 00 00 65 00 00 00 00 00

71 01 03 01 02 1A CC 03 05 00 67 00 00 27 D8 80 06 3B 09 1D 47 04 00 00 00 65 00 00 00 00 00

71 01 03 01 02 1B CC 03 36 00 6E FA 00 25 DA 80 06 E1 09 1D 0C 04 00 00 00 13 00 00 00 00 00

71 01 03 01 02 1C CC 03 3C 00 78 51 00 28 D7 80 07 69 09 1C CB 04 00 00 00 13 00 00 00 00 00

71 01 03 01 02 1D CC 03 72 00 81 4E 00 28 D7 80 08 24 09 1D 2A 04 00 00 00 10 00 00 00 00 00

71 01 03 01 02 1E CC 03 C0 00 85 1A 00 28 D7 84 08 E2 09 1C E4 04 00 00 00 11 00 00 00 00 00

71 01 03 01 02 1F CC 04 07 FF FF 00 00 FF FF B0 09 94 09 1C 8A 04 00 10 15 12 00 00 00 00 00

71 01 03 01 02 20 CC 04 2B FF FF 00 00 FF FF B0 0A 33 09 1D 06 04 00 10 15 12 00 00 00 00 00

71 01 03 01 02 21 CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 22 CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 23 CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 24 CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 25 CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 26 CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 27 CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 28 CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 29 CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 2A CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 2B CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 2C CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 2D CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 2E CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 2F CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 30 CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 02 31 CC FF FF FF FF FF 01 FF FF FF FF FF 7F FF FF FF 03 FF 1F FF 00 00 00 00 00

71 01 03 01 03 00 CC 04 E8 00 9D 00 00 2A D6 00 0C 36 09 1E 8D 04 00 00 00 15 00 00 00 00 00

71 01 03 01 03 01 CC 05 5C 00 AB 00 00 29 D6 00 0D 75 09 1E 9D 04 00 00 00 1B 00 00 00 00 00

71 01 03 01 03 02 CC 05 CB 00 BB 00 00 2F D0 00 0E 89 09 1E D1 04 00 00 00 16 00 00 00 00 00

71 01 03 01 03 03 CC 06 20 00 C6 00 00 40 BF 00 0F 49 09 1E 99 04 00 00 00 1E 00 00 00 00 00

71 01 03 01 03 04 CC 06 69 00 CE 00 00 56 A9 00 0F F0 09 1F 5F 04 00 00 00 43 00 00 00 00 00

71 01 03 01 03 05 CC 06 84 00 D1 00 00 63 9D 00 10 F2 29 1D E4 04 00 00 00 50 00 00 00 00 00

71 01 03 01 03 06 CC 06 8D 00 CE 00 00 64 9B 00 12 3E 21 1C 68 04 00 00 00 5C 00 00 00 00 00

71 01 03 01 03 07 CC 06 83 00 D6 FA 00 67 98 00 13 6E 20 1D 02 04 00 00 00 5F 00 00 00 00 00

71 01 03 01 03 08 CC 06 FC 00 E5 FA 00 6C 94 00 14 C8 00 1C AC 04 00 00 00 62 00 00 00 00 00

71 01 03 01 03 09 CC 07 2E 00 E5 BE 00 70 90 00 16 53 00 1C F9 04 00 00 00 68 00 00 00 00 00

71 01 03 01 03 0A CC 07 27 00 E4 B6 00 73 8C 00 17 95 00 1D 0D 04 00 00 00 6E 00 00 00 00 00

71 01 03 01 03 0B CC 07 29 00 E5 AB 00 DB 25 00 18 65 00 1D 02 04 00 00 00 7E 00 00 00 00 00

71 01 03 01 03 0C CC 07 26 00 E4 AB 00 DC 24 00 18 78 00 1C F4 04 00 00 00 F4 00 00 00 00 00

71 01 03 01 03 0D CC 07 21 00 E3 AB 00 DC 24 00 18 58 00 1C D5 04 00 00 00 F4 00 00 00 00 00

71 01 03 01 03 0E CC 07 18 00 E2 AE 00 DC 24 00 18 2C 00 1C D0 04 00 00 00 F4 00 00 00 00 00

71 01 03 01 03 0F CC 07 12 00 E1 CD 00 DC 24 00 18 50 00 1C 92 04 00 00 00 F4 00 00 00 00 00

71 01 03 01 03 10 CC 07 0C 00 E0 DD 00 DC 24 00 18 02 00 1C 48 04 00 00 00 F4 00 00 00 00 00

71 01 03 01 03 11 CC 07 01 00 DF DD 00 DC 24 00 17 E8 00 1C 2B 04 00 00 00 F4 00 00 00 00 00

71 01 03 01 03 12 CC 06 FB 00 DE DA 00 DC 24 00 17 CC 00 1C 2B 04 00 00 00 F4 00 00 00 00 00

71 01 03 01 03 13 CC 06 F0 00 DC DA 00 DC 24 00 17 9E 00 1C 5C 04 00 00 00 F4 00 00 00 00 00

71 01 03 01 03 14 CC 06 E7 00 DB D9 00 DC 25 00 17 92 00 1C 64 04 00 00 00 F4 00 00 00 00 00

71 01 03 01 03 15 CC 06 DD 00 DA DA 00 D2 2E 00 17 71 00 1C 55 04 00 00 00 F4 00 00 00 00 00

71 01 03 01 03 16 CC 06 D9 00 D9 D5 00 CA 37 00 17 4B 00 1C 43 04 00 00 00 EF 00 00 00 00 00

71 01 03 01 03 17 CC 06 CD 00 D8 C9 00 C0 41 00 17 33 00 1C 27 04 00 00 00 EB 00 00 00 00 00

71 01 03 01 03 18 CC 06 C4 00 D7 C8 00 BF 41 00 17 15 00 1B F5 04 00 00 00 D8 00 00 00 00 00

71 01 03 01 03 19 CC 06 BD 00 D5 C8 00 C9 37 00 16 F5 00 1B CD 04 00 00 00 CE 00 00 00 00 00

71 01 03 01 03 1A CC 06 B2 00 D4 C8 00 D1 2F 00 16 D0 00 1B C6 04 00 00 00 D8 00 00 00 00 00

71 01 03 01 03 1B CC 06 A8 00 D3 C8 00 D0 30 00 16 B8 00 1B C6 04 00 00 00 DF 00 00 00 00 00

71 01 03 01 03 1C CC 06 A2 00 D2 C9 00 D2 2E 00 16 A5 00 1B C6 04 00 00 00 E8 00 00 00 00 00

71 01 03 01 03 1D CC 06 9A 00 D1 C8 00 D8 29 00 16 80 00 1B C4 04 00 00 00 DE 00 00 00 00 00

71 01 03 01 03 1E CC 06 91 00 CF C9 00 D5 2B 00 16 4E 00 1B C5 04 00 00 00 ED 00 00 00 00 00

71 01 03 01 03 1F CC 06 84 00 CE C8 00 D7 29 00 16 35 00 1B D9 04 00 00 00 ED 00 00 00 00 00

BOSCH

CDR CRASH DATA RETRIEVAL

71 01 03 01 03 20 CC 06 7B 00 CD C8 00 D8 29 00 16 22 00 1B E9 04 00 00 00 EB 00 00 00 00 00

71 01 03 01 03 21 CC 06 75 00 CC C8 00 D7 2A 00 16 03 00 1B F2 04 00 00 00 EE 00 00 00 00 00

71 01 03 01 03 22 CC 06 6C 00 CA C8 00 D8 28 00 15 D0 00 1C 03 04 00 00 00 ED 00 00 00 00 00

71 01 03 01 03 23 CC 06 60 00 C9 C8 00 D9 27 00 15 B6 00 1C 16 04 00 00 00 ED 00 00 00 00 00

71 01 03 01 03 24 CC 06 56 00 C8 C8 00 D8 28 00 15 94 00 1C 1A 04 00 00 00 F0 00 00 00 00 00

71 01 03 01 03 25 CC 06 4C 00 C7 C8 00 D7 29 00 15 7A 00 1C 18 04 00 00 00 F0 00 00 00 00 00

71 01 03 01 03 26 CC 06 43 00 C5 C8 00 DA 26 00 15 55 00 1C 16 04 00 00 00 EE 00 00 00 00 00

71 01 03 01 03 27 CC 06 3B 00 C4 C8 00 D9 27 00 15 29 00 1C 16 04 00 00 00 EE 00 00 00 00 00

71 01 03 01 03 28 CC 06 31 00 C3 C3 00 D5 2B 00 15 0F 00 1C 16 04 00 00 00 F1 00 00 00 00 00

71 01 03 01 03 29 CC 06 27 00 C1 C2 00 D4 2D 00 14 E8 00 1C 16 04 00 00 00 ED 00 00 00 00 00

71 01 03 01 03 2A CC 06 1C 00 C0 C5 00 D0 30 00 14 C2 00 1C 17 04 00 00 00 EB 00 00 00 00 00

71 01 03 01 03 2B CC 06 13 00 BF D0 00 D4 2D 00 14 A3 00 1C 17 04 00 00 00 E6 00 00 00 00 00

71 01 03 01 03 2C CC 06 0A 00 BE E8 00 CD 34 00 14 89 00 1C 17 04 00 00 00 E5 00 00 00 00 00

71 01 03 01 03 2D CC 06 00 00 BC FA 00 C8 38 00 14 66 00 1C 16 04 00 00 00 E8 00 00 00 00 00

71 01 03 01 03 2E CC 05 F7 00 BB FA 00 C0 40 00 14 36 00 1C 17 04 00 00 00 E4 00 00 00 00 00

71 01 03 01 03 2F CC 05 ED 00 BA FA 00 C0 40 00 14 28 00 1C 17 04 00 00 00 DF 00 00 00 00 00

71 01 03 01 03 30 CC 05 E4 00 B8 FA 00 BC 44 00 13 EE 00 1C 16 04 00 00 00 DA 00 00 00 00 00

71 01 03 01 03 31 CC 05 D8 00 B7 FA 00 B5 4C 00 13 D3 00 1C 17 04 00 00 00 D1 00 00 00 00 00

71 01 03 02 01 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 02 02 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 FF FF
FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FE FE
FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FD FD FD FD FD FD FD
FC FC FC FC FC FC FC FC FB FC FC FC FB FB FB FB FB FB FB FB FB FB FB FB FB FB FB FB FB FB FB FB
FB FB FA FA FA FA FA FA FA FA FA FA FA FA FA 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 02 03 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 03 01 CC 00 00 00 00 00 00 01 01 01 01 01 02 02 02 02 02 03 03 03 03 03 04 04 04 04 05
05 05 05 06 06 06 06 06 06 06 07 07 07 07 07 08 08 08 08 08 09 09 09 09 09 09 0A 0A 0A 0A 0A 0A
0A 0B 0B 0B 0B 0B 0B 0B 0C 0C 0C 0C 0C 0C 0C 0C 0C 0C 0D 0D 0D 0D 0D 0D 0D 0D 0D 0D 0D 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 03 02 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 01 01 01 01 01 01 01 01 01 01 01 01 01
01 02 02 02 02 02 02 02 02 02 02 02 02 02 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03
03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 03 04 04 04 04 04 05 05 06 07 08 09 09
0A 0A 0A 0A 0A 0A 0B 0B 0B 0B 0B 0C 0C 0C 0C 0C 0C 0C 0C 0C 0C 0C 0D 0D 0D 0D 0D 0D 0D 0D 0D 0D
0E 0E 0E 0E 0E 0E 0E 0E 0E 0E 0E 0E 0E 0E 0E 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 03 03 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 04 01 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
FF FE FE FE FE FE FE FE FE FD FD FD FD FD FC FC FC FC FB FB FB FB FA FA F9 F9 F9 F8 F8 F7 F7 F6
F6 F5 F4 F4 F3 F2 F1 F1 F0 EF EE ED EC EB E9 E8 E7 E6 E4 E3 E1 DF DE DC DA D8 D6 D3 D1 CF CF D9
E1 ED 0A 15 11 0F 13 19 1F 18 0F 0C 0D 0C 06 01 01 04 03 00 FF FF FF FC F8 F5 F4 F5 F6 F8 FB FF
00 00 01 03 04 06 07 09 0A 0A 09 07 05 04 02 01 00 00 FE FD FC FC FB FC FD FE FF 00 01 02 02 03
04 05 05 05 05 05 04 03 02 01 00 00 00 FF FF FF FF FF FF 00 00 00 01 01 02 02 03 03 03 03 03 03
02 02 01 01 00 00 00 00 00 00 00 00 00 00 00 01 01 01 01 01 01 01 02 02 01 01 01 01 01 00 00 00
00 00 00

71 01 03 04 02 CC 00 00 FF FF FF AA AB AB B3 BC C1 BF C2 C2 C3 C3 C2 C1 C1 C3 C2 C3 C4 C4 C5 C7
CA D0 DE E8 E4 E6 EC EE EF F5 F9 FA FE FF 00 02 03 05 06 07 08 0A 0D 10 13 17 17 1D 21 25 29 2D
30 32 33 32 31 31 31 31 2A 22 25 24 21 1F 1C 1C 1B 1A 19 19 18 18 18 17 17 17 17 17 18 18 1A 1C
1D 1F 21 23 25 27 28 28 28 28 29 29 28 28 29 2B 2C 2E 2F 2E 2E 2E 2E 2F 30 31 33 34 34 39 3E 3C
35 31 29 0F 03 04 0E 0F 0D 04 06 09 05 04 02 00 02 03 FF 03 02 00 FC F2 E3 DA D7 D8 DD DA DC DE
E1 DD DB DA DB DB DA D9 D8 D7 D8 D8 D9 D9 DB DC DD DE DF E0 E1 E2 D6 DD CD D9 D1 D0 D3 D3 D3 D0
D2 D1 D2 D1 D0 D2 D0 D0 DB E1 DE DF E3 E4 E7 E9 E9 EC ED EE EF F1 F4 F4 F5 F8 FB FF 02 06 0A 0C
0F 10 13 15 17 1A 1D 20 24 28 2C 2E 31 34 37 39 3A 3A 3B 2C 2A 31 30 30 33 32 31 30 2E 30 31 31
31 30 2F

71 01 03 04 03 CC 00 00 00 00 01 01 01 00 00 00 00 01 00 00 00 00 00 00 00 01 00 00 00 00 00 00
00 FF FF FE FD FD FC FC FC FC FC FD FE FF FF 00 01 02 02 02 03 02 03 02 02 01 01 01 02 01 01 01
01 01 01 00 00 00 00 00 00 00 01 00 00 00 FF FF FF FF FE FF FF 00 04 17 09 00 FC ED E7 E4 E6 E6
E7 E8 EC EC EE EF F3 F5 F5 F4 F6 F6 F5 F5 F4 F4 F3 F2 F1 EF ED EC E9 E8 E6 E3 E1 DD D9 D4 CF C8
C1 BB B4 AC A5 A3 A5 A5 A5 A4 A5 A6 A8 A7 A8 A9 A9 AA AA AF B0 B9 C2 BF C2 C3 C2 C3 C1 C1 C1 C3
C2 C3 C4 C5 C5 C8 CB D2 E3 E7 E5 E7 ED EE F0 F5 FA FB FE 00 01 02 04 06 07 09 0C 0F 11 16 19 1E
22 27 2B 2E 31 33 32 31 31 30 28 22 25 24 20 1E 1C 1B 1A 1A 19 19 18 18 17 17 17 17 17 18 18 1A
1C 1D 1F 21 23 25 27 28 28 28 28 29 29 28 28 2A 2C 2E 2F 2F 2E 2E 2F 2F 31 32 34 34 36 3C 3E 39
33 2D 1E

71 01 03 05 01 00 CC 00 04 00 00 29 00 00 00 00 00 30 00 00 00 0F 00 03 48 07 FF 01 DA 01 D9 06
D4 07 C4 08 08 00 00 00 32 19 00 08 23 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 01 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 09 00 03 9B 07 FF 01 DA 01 D9 08
2D 08 0B 08 39 00 00 00 32 19 00 08 28 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 02 CC 00 04 00 00 2A 00 00 00 00 00 00 00 00 00 00 00 03 FF 07 FF 01 DA 01 D9 08
95 08 13 08 2C 00 00 00 32 19 00 08 1B 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 03 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1E 07 FF 01 DA 01 D9 08
EA 08 11 08 22 00 00 00 32 19 00 08 14 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 04 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 22 07 FF 01 DA 01 D9 09
1E 08 0E 08 1D 00 00 00 32 19 00 08 0E 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 05 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1A 07 FF 01 DA 01 D9 09
3C 08 0A 08 19 00 00 00 32 19 00 08 0A 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 06 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1E 07 FF 01 DA 01 D9 09

```
53 08 08 08 17 00 00 00 32 19 00 08 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 07 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1F 07 FF 01 DA 01 D9 09
63 08 06 08 14 00 00 00 32 19 00 08 06 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 08 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1C 07 FF 01 DA 01 D9 09
6D 08 03 08 13 00 00 00 32 19 00 08 05 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 09 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1A 07 FF 01 DA 01 D9 09
74 08 02 08 12 00 00 00 32 19 00 08 03 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 0A CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1F 07 FF 01 DA 01 D9 09
7A 08 00 08 10 00 00 00 32 19 00 08 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 0B CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 29 07 FF 01 DA 01 D9 09
7D 08 00 08 10 00 00 00 32 19 00 08 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 0C CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 20 07 FF 01 DA 01 D9 09
81 08 00 08 0F 00 00 00 32 19 00 08 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 0D CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1B 07 FF 01 DA 01 D9 09
83 08 00 08 0E 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 0E CC 00 04 00 00 2A 00 00 00 00 00 00 00 00 00 00 00 04 1A 07 FF 01 DA 01 D9 09
86 08 00 08 0D 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 0F CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 19 07 FF 01 DA 01 D9 09
86 08 00 08 0D 00 00 00 32 19 00 08 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 10 CC 00 04 00 00 2A 00 00 00 00 00 00 00 00 00 00 00 04 26 07 FF 01 DA 01 D9 09
89 07 FE 08 0E 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 11 CC 00 04 00 00 2A 00 00 00 00 00 00 00 00 00 00 00 04 27 07 FF 01 DA 01 D9 09
8C 07 FE 08 0D 00 00 00 32 19 00 08 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 12 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 20 07 FF 01 DA 01 D9 09
8E 07 FF 08 0B 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 13 CC 00 04 00 00 2A 00 00 00 00 00 00 00 00 00 00 00 04 1E 07 FF 01 DA 01 D9 09
90 08 00 08 0B 00 00 00 32 19 00 07 FE 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 14 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 07 07 FF 01 DA 01 D9 09
91 08 03 08 0E 00 00 00 32 19 00 08 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 15 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 16 07 FF 01 DA 01 D9 09
9D 08 00 08 10 00 00 00 32 19 00 08 03 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 16 CC 00 04 00 00 2A 00 00 00 00 00 00 00 00 00 00 00 04 1F 07 FF 01 DA 01 D9 09
9B 07 FD 08 0F 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 17 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 2F 07 FF 01 DA 01 D9 09
97 07 FE 08 0E 00 00 00 32 19 00 07 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 18 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 21 07 FF 01 DA 01 D9 09
92 07 FE 08 0B 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 19 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 23 07 FF 01 DA 01 D9 09
91 08 00 08 0C 00 00 00 32 19 00 07 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 1A CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1D 07 FF 01 DA 01 D9 09
97 08 00 08 0E 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 1B CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 23 07 FF 01 DA 01 D9 09
9A 07 FF 08 0E 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 1C CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1A 07 FF 01 DA 01 D9 09
9C 07 FF 08 0E 00 00 00 32 19 00 07 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 1D CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 2A 07 FF 01 DA 01 D9 09
9D 08 00 08 0C 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
```

```
71 01 03 05 01 1E CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 17 07 FF 01 DA 01 D9 09
9E 07 FF 08 0D 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 1F CC 00 04 00 00 2A 00 00 00 00 00 00 00 00 00 00 00 04 2B 07 FF 01 DA 01 D9 09
A0 07 FF 08 0D 00 00 00 32 19 00 07 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 20 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 28 07 FF 01 DA 01 D9 09
A2 08 00 08 0D 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 21 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1F 07 FF 01 DA 01 D9 09
A3 08 00 08 0E 00 00 00 32 19 00 07 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 22 CC 00 04 00 00 2A 00 00 00 00 00 00 00 00 00 00 00 04 1C 07 FF 01 DA 01 D9 09
A4 07 FF 08 0E 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 23 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 15 07 FF 01 DA 01 D9 09
A7 07 FF 08 0D 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 24 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 18 07 FF 01 DA 01 D9 09
A7 07 FF 08 0D 00 00 00 32 19 00 07 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 25 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 15 07 FF 01 DA 01 D9 09
A8 07 FF 08 0D 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 26 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 2E 07 FF 01 DA 01 D9 09
AA 08 00 08 0D 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 27 CC 00 04 00 00 2A 00 00 00 00 00 00 00 00 00 00 00 04 23 07 FF 01 DA 01 D9 09
AB 08 00 08 0E 00 00 00 32 19 00 08 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 28 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 23 07 FF 01 DA 01 D9 09
AC 07 FF 08 0D 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 29 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1E 07 FF 01 DA 01 D9 09
AD 08 00 08 0D 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 2A CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 22 07 FF 01 DA 01 D9 09
AE 08 00 08 0E 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 2B CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1B 07 FF 01 DA 01 D9 09
B0 08 00 08 0C 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 2C CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 22 07 FF 01 DA 01 D9 09
AF 07 FF 08 0D 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 2D CC 00 04 00 00 2A 00 00 00 00 00 00 00 00 00 00 00 04 19 07 FF 01 DA 01 D9 09
B2 08 00 08 0D 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 2E CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 28 07 FF 01 DA 01 D9 09
B1 07 FF 08 0E 00 00 00 32 19 00 07 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 2F CC 00 04 00 00 2A 00 00 00 00 00 00 00 00 00 00 00 04 27 07 FF 01 DA 01 D9 09
B4 07 FF 08 0E 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 30 CC 00 04 00 00 2A 00 00 00 00 00 00 00 00 00 00 00 04 29 07 FF 01 DA 01 D9 09
B5 07 FF 08 0D 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 01 31 CC 00 04 00 00 29 00 00 00 00 00 00 00 00 00 00 00 04 1E 07 FF 01 DA 01 D9 09
B5 08 00 08 0D 00 00 00 32 19 00 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 00 CC 20 04 00 01 29 00 00 01 53 01 92 02 58 00 00 00 00 00 07 FF 01 E1 01 E0 07
DA 05 E2 08 AC 00 00 00 32 19 00 08 A4 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 01 CC 20 04 00 01 29 00 00 02 3D 00 7B 02 9E 00 00 00 05 DB 07 FF 01 E1 01 E0 06
D6 07 71 08 B3 00 00 00 32 19 00 07 6D 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 02 CC 20 04 00 01 28 00 00 02 3F 00 83 02 A8 00 0C 00 03 9D 07 FF 01 E1 01 E0 06
37 07 2D 07 6B 00 00 00 32 19 00 08 44 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
```

```
71 01 03 05 02 03 CC 20 04 00 01 29 00 00 02 38 00 87 02 BC 00 1A 00 04 4A 07 FF 02 35 01 E0 06
5D 07 1D 08 F1 00 00 00 32 19 00 09 9B 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 04 CC 20 04 00 01 29 00 00 02 35 00 87 02 C3 00 24 00 03 A9 07 FF 02 35 01 E0 05
C2 06 BE 09 73 00 00 00 32 19 00 09 F9 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 05 CC 20 04 00 01 29 00 00 02 2F 00 84 02 CE 00 30 00 03 A2 07 FF 02 35 01 E0 05
9B 06 CA 0A 35 00 00 00 32 19 00 0A 76 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 06 CC 20 04 00 01 29 00 00 02 26 00 83 02 DB 00 42 00 03 9C 07 FF 02 34 01 E0 06
96 07 17 0A A1 00 00 00 32 19 00 0A D3 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 07 CC 20 04 00 01 28 00 00 02 15 00 83 02 F1 00 60 00 03 FD 07 FF 02 32 01 DD 07
44 07 53 0B 24 00 00 00 32 19 00 0B 40 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 08 CC 20 04 00 01 29 00 00 02 0A 00 73 03 0E 00 90 00 04 41 07 FF 02 2A 01 DD 06
96 07 08 0B CA 00 00 00 32 19 00 0B D8 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 09 CC 20 04 00 01 29 00 00 01 F3 00 6A 03 35 00 DB 00 03 B6 07 FF 02 24 01 C8 06
0F 07 02 0C 38 00 00 00 32 19 00 0C 3F 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 0A CC 20 04 00 01 29 00 00 01 DB 00 35 03 5F 01 46 00 03 05 07 FF 02 1F 01 C8 06
D0 07 4F 0C 68 00 00 00 32 19 00 0C 51 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 0B CC 20 04 00 01 29 00 00 01 B2 00 18 03 9A 01 C9 00 04 52 07 FF 02 1F 01 D6 07
83 07 9C 0C 6C 00 00 00 32 19 00 0C 63 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 0C CC 20 04 00 01 29 00 00 01 99 00 0C 03 C4 02 1A 00 05 91 07 FF 02 1D 01 DB 07
2F 07 8E 0C 83 00 00 00 32 19 00 0C 63 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 0D CC 20 04 00 01 29 00 00 01 91 00 0D 03 CF 02 1F 00 05 91 07 FF 02 18 01 DB 07
12 07 89 0C 7F 00 00 00 32 19 00 0C 63 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 0E CC 20 04 00 01 29 00 00 01 56 00 17 04 25 02 AC 00 03 09 07 FF 02 0A 01 DA 05
E1 07 95 0C 4C 00 00 00 32 19 00 0C 24 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 0F CC 20 04 00 01 29 00 00 01 31 00 0D 04 60 03 50 00 04 B7 07 FF 01 FE 01 DC 07
DF 07 D1 0C 2A 00 00 00 32 19 00 0C 1F 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 10 CC 20 04 00 01 29 00 00 01 1C 00 0E 04 7C 03 72 00 04 A9 07 FF 01 FE 01 DC 08
11 07 A6 0C 2A 00 00 00 32 19 00 0C 17 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 11 CC 20 04 00 01 29 00 00 01 03 00 10 04 9D 03 87 00 04 80 07 FF 01 FD 01 DC 08
66 07 BF 0C 1F 00 00 00 32 19 00 0C 0D 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 12 CC 20 04 00 01 29 00 00 00 DD 00 15 04 CB 03 9E 00 04 65 07 FF 01 FB 01 DC 08
A4 07 AA 0C 1A 00 00 00 32 19 00 0C 13 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 13 CC 20 04 00 01 29 00 00 00 B9 00 42 05 02 04 37 00 05 2A 07 FF 01 F9 01 DF 08
FF 07 C2 0C 29 00 00 00 32 19 00 0C 22 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 14 CC 20 04 00 01 29 00 00 00 85 00 15 05 48 04 AC 00 03 07 07 FF 01 F7 01 DC 08
6C 07 B2 0C 2A 00 00 00 32 19 00 0C 1D 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 15 CC 20 04 00 01 29 00 00 00 65 00 16 05 6A 04 A8 00 02 DA 07 FF 01 F7 01 DC 08
6E 07 BD 0C 2B 00 00 00 32 19 00 0C 18 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 16 CC 20 04 00 01 29 00 00 00 4A 00 1B 05 8F 04 A8 00 02 82 07 FF 01 F7 01 DB 08
57 07 C7 0C 24 00 00 00 32 19 00 0C 18 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 17 CC 20 04 00 01 2A 00 00 00 4B 00 53 05 9E 05 1B 00 04 25 07 FF 01 F7 01 DC 08
BF 07 D1 0C 28 00 00 00 32 19 00 0C 21 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 18 CC 20 04 00 01 29 00 00 00 2E 00 79 05 C0 05 9B 00 03 20 07 FF 01 F7 01 DA 09
98 07 F8 0C 47 00 00 00 36 1B 00 0C 52 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 19 CC 20 04 00 01 29 00 00 00 29 00 27 06 37 05 88 00 05 54 07 FF 02 B9 01 CD 0A
74 08 3F 0C AC 00 00 00 91 48 00 0C 63 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 1A CC 20 04 00 01 2A 00 00 00 24 00 9D 06 31 06 6B 00 01 B5 07 FF 02 C2 01 CA 08
```

```
6F 08 56 0C E3 00 00 00 5D 2E 00 0C 63 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 1B CC 20 04 00 01 2A 00 00 00 3B 00 A1 06 72 06 B0 00 01 50 07 FF 02 C8 01 C9 08
5C 07 EC 0C EA 00 00 00 41 20 00 0B CF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 1C CC 20 04 00 01 28 00 0C 00 6C 00 A6 06 EB 07 00 00 02 CA 07 FF 02 25 01 CA 08
28 07 DE 0C CE 00 00 00 32 19 00 0A 78 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 1D CC 20 04 00 01 28 00 03 00 9D 00 A3 07 27 07 31 00 02 B1 07 FF 01 E7 01 C8 05
F1 08 7B 0C 82 00 00 00 32 19 00 09 7F 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 1E CC 20 04 00 01 28 00 00 00 C6 00 A7 07 6E 07 73 00 01 23 07 FF 01 E3 01 E0 07
A2 07 C4 09 54 00 00 00 32 19 00 08 27 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 1F CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 20 CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 21 CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 22 CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 23 CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 24 CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 25 CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 26 CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 27 CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 28 CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 29 CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 2A CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 2B CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 2C CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 2D CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 2E CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 2F CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 30 CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 02 31 CC 7E FF FF 7F FF FF FF FF FF FF FF FF FF FF FF FF 0F FF FF FF FF FF FF FF FF
FF FF FF FF FF 00 00 01 FF FF 3F FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
```

```
71 01 03 05 03 00 CC 20 04 00 01 28 00 00 01 81 01 5E 07 EA 08 23 00 01 22 07 FF 01 E1 01 F7 05
7C 07 8C 05 10 00 00 00 32 19 00 04 BF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 01 CC 20 04 00 01 28 00 00 02 C0 02 72 07 B5 07 F7 00 01 70 07 FF 01 E0 01 FB 04
A0 07 99 04 63 00 00 00 32 19 00 04 2F 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 02 CC 20 04 00 01 28 00 00 04 07 03 A5 07 64 07 C0 00 02 3E 07 FF 01 E0 02 0A 06
32 07 A3 03 CB 00 00 00 32 19 00 03 9D 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 03 CC 20 04 00 01 28 00 00 04 CF 04 B2 07 45 07 69 00 01 E9 07 FF 01 E0 02 10 06
84 07 83 03 11 00 00 00 32 19 00 03 9D 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 04 CC 20 04 00 01 28 00 00 05 99 05 CE 07 24 06 F4 00 02 32 07 FF 01 E3 02 31 06
1C 07 5A 02 99 00 00 00 32 19 00 03 9D 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 05 CC 20 04 00 01 28 00 00 06 0F 06 A7 06 DF 06 5C 00 00 00 07 FF 01 EB 02 50 06
F9 07 4F 02 8C 00 00 00 32 19 00 04 11 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 06 CC 20 04 00 03 28 00 00 06 C8 07 76 05 F4 05 AA 00 01 E4 07 FF 02 D5 02 77 05
AE 07 C0 02 E9 00 00 00 B5 5A 00 05 68 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 07 CC 20 04 00 03 28 00 00 06 D2 08 2F 06 4D 03 41 00 01 72 07 FF 02 CD 02 73 07
23 07 27 03 62 00 00 00 D5 6A 00 06 A0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 08 CC 20 04 00 03 28 00 00 07 24 07 3E 06 FA 05 59 00 01 6D 07 FF 02 CB 02 70 0A
51 05 EE 03 F7 00 00 00 8C 45 00 07 F7 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 09 CC 00 04 00 03 27 00 00 07 1A 07 14 07 20 07 1B 00 05 D1 07 FF 02 CC 02 6F 08
ED 08 35 08 73 00 00 00 88 43 00 08 62 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 0A CC 00 04 00 03 27 00 00 07 16 07 12 07 1B 07 1D 00 05 EB 07 FF 02 C3 02 6A 08
BD 08 46 08 69 00 00 00 82 41 00 08 5E 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 0B CC 00 04 00 03 27 00 00 07 24 07 07 07 1A 07 10 00 04 BC 07 FF 02 B6 02 A2 09
22 08 40 08 61 00 00 00 81 40 00 08 55 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 0C CC 00 04 00 03 27 00 00 07 1C 06 FF 07 17 07 07 00 05 C9 07 FF 02 B4 02 B1 08
A6 08 38 08 5E 00 00 00 81 40 00 08 54 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 0D CC 00 04 00 03 27 00 00 07 0E 06 F6 07 10 07 02 00 05 93 07 FF 02 B5 02 B1 08
A2 08 23 08 6A 00 00 00 81 40 00 08 62 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 0E CC 00 04 00 03 28 00 00 07 06 06 EF 07 08 06 E9 00 05 5C 07 FF 02 B6 02 B2 08
CD 08 2E 08 5A 00 00 00 8D 46 00 08 4C 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 0F CC 00 04 00 03 27 00 00 06 F5 06 EE 07 04 06 EF 00 05 F6 07 FF 02 B6 02 B2 07
F8 08 37 08 32 00 00 00 96 4A 00 08 18 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 10 CC 00 04 00 03 27 00 00 06 F7 06 EB 06 F4 06 E8 00 04 DF 07 FF 02 B7 02 B2 08
33 08 3F 08 14 00 00 00 98 4C 00 08 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 11 CC 00 04 00 03 27 00 00 06 F1 06 DF 06 EE 06 DE 00 04 90 07 FF 02 B7 02 B3 08
4F 08 5E 08 12 00 00 00 96 4B 00 08 08 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 12 CC 00 04 00 03 27 00 00 06 E4 06 D7 06 E5 06 D6 00 03 99 07 FF 02 B7 02 B3 08
4A 08 43 08 28 00 00 00 96 4B 00 08 22 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 13 CC 00 04 00 03 28 00 00 06 DA 06 CE 06 DC 06 D0 00 04 14 07 FF 02 B7 02 B2 08
6E 08 52 08 2F 00 00 00 96 4B 00 08 1F 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 14 CC 00 04 00 03 27 00 00 06 D1 06 C4 06 D0 06 C2 00 05 09 07 FF 02 B7 02 B2 08
4E 08 2E 08 27 00 00 00 96 4B 00 08 16 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 15 CC 00 04 00 03 28 00 00 06 CB 06 BC 06 CD 06 BC 00 05 1C 07 FF 02 B6 02 B2 08
35 08 56 08 24 00 00 00 91 48 00 08 14 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 16 CC 00 04 00 03 28 00 00 06 BF 06 B7 06 BF 06 B0 00 04 AA 07 FF 02 B7 02 B1 08
15 08 4A 08 19 00 00 00 8E 47 00 08 05 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
```

```
71 01 03 05 03 17 CC 00 04 00 03 28 00 00 06 B8 06 AD 06 B8 06 A7 00 04 4D 07 FF 02 B6 02 B0 07
F3 08 58 07 FD 00 00 00 8F 47 00 07 EC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 18 CC 00 04 00 03 28 00 00 06 AC 06 A6 06 AB 06 9C 00 03 A4 07 FF 02 B6 02 B1 07
CA 08 46 07 E7 00 00 00 8E 47 00 07 D9 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 19 CC 00 04 00 03 28 00 00 06 A5 06 9A 06 A3 06 90 00 03 4D 07 FF 02 B7 02 B1 07
C0 08 49 07 E5 00 00 00 8E 47 00 07 DA 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 1A CC 00 04 00 03 28 00 00 06 98 06 93 06 99 06 88 00 03 2D 07 FF 02 B7 02 B3 07
B1 08 4C 07 ED 00 00 00 8E 47 00 07 E0 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 1B CC 00 04 00 03 28 00 00 06 95 06 89 06 93 06 80 00 02 FC 07 FF 02 B7 02 B2 07
C4 08 2E 07 E6 00 00 00 8F 47 00 07 D7 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 1C CC 00 04 00 03 28 00 00 06 89 06 81 06 88 06 78 00 02 E5 07 FF 02 B6 02 B3 07
BD 08 48 07 E4 00 00 00 8F 47 00 07 D4 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 1D CC 00 04 00 03 28 00 00 06 7F 06 75 06 7C 06 6B 00 02 C9 07 FF 02 B7 02 B3 07
BD 08 47 07 DF 00 00 00 8E 47 00 07 D6 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 1E CC 00 04 00 03 28 00 00 06 73 06 69 06 73 06 63 00 02 DD 07 FF 02 B7 02 B4 07
C0 08 5C 07 EC 00 00 00 8E 46 00 07 E3 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 1F CC 00 04 00 03 28 00 00 06 6A 06 63 06 6B 06 5D 00 02 FB 07 FF 02 B7 02 B4 07
DB 08 46 07 F4 00 00 00 8E 46 00 07 E9 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 20 CC 00 04 00 03 28 00 00 06 65 06 58 06 64 06 52 00 02 E9 07 FF 02 B8 02 B5 07
E4 08 53 07 F9 00 00 00 8E 46 00 07 EF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 21 CC 00 04 00 03 28 00 00 06 58 06 4D 06 58 06 49 00 03 0F 07 FF 02 B9 02 B6 08
00 08 52 08 00 00 00 00 8E 46 00 07 F5 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 22 CC 00 04 00 03 28 00 00 06 4D 06 40 06 4C 06 3E 00 03 53 07 FF 02 BA 02 B7 08
02 08 55 08 0A 00 00 00 8E 46 00 07 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 23 CC 00 04 00 03 28 00 00 06 42 06 39 06 43 06 3A 00 03 90 07 FF 02 BB 02 B8 08
07 08 56 08 11 00 00 00 8E 46 00 08 04 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 24 CC 00 04 00 03 28 00 00 06 39 06 35 06 38 06 2D 00 03 D5 07 FF 02 BC 02 B9 08
11 08 49 08 08 00 00 00 8E 46 00 07 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 25 CC 00 04 00 03 28 00 00 06 30 06 27 06 30 06 23 00 03 CE 07 FF 02 BC 02 B8 08
10 08 4C 08 09 00 00 00 8E 46 00 07 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 26 CC 00 04 00 03 29 00 00 06 24 06 1B 06 25 06 19 00 03 7C 07 FF 02 BE 02 BB 08
07 08 59 08 0B 00 00 00 8C 45 00 07 FE 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 27 CC 00 04 00 03 29 00 00 06 1B 06 11 06 1A 06 0D 00 03 93 07 FF 02 BF 02 BA 08
14 08 46 08 08 00 00 00 8C 45 00 07 FD 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 28 CC 00 04 00 03 29 00 00 06 11 06 05 06 11 06 02 00 03 8C 07 FF 02 BE 02 BB 08
0D 08 48 08 08 00 00 00 8D 46 00 07 FC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 29 CC 00 04 00 03 29 00 00 06 05 05 F9 06 05 05 F7 00 03 8B 07 FF 02 BE 02 BC 08
01 08 5C 08 09 00 00 00 95 4A 00 07 FD 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 2A CC 00 04 00 03 29 00 00 05 FC 05 F2 05 FB 05 EF 00 03 92 07 FF 02 BF 02 B9 08
08 08 4E 08 0A 00 00 00 A1 50 00 07 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 2B CC 00 04 00 03 29 00 00 05 F4 05 EA 05 F3 05 E7 00 03 CA 07 FF 02 BF 02 BC 08
0E 08 54 08 0A 00 00 00 AC 56 00 07 FE 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 2C CC 00 04 00 03 29 00 00 05 E8 05 DE 05 E9 05 DD 00 03 A5 07 FF 02 C1 02 BD 08
06 08 63 08 0A 00 00 00 BD 5E 00 07 FD 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 2D CC 00 04 00 03 29 00 00 05 DE 05 D4 05 DD 05 D1 00 03 9D 07 FF 02 C1 02 BD 08
03 08 57 08 08 00 00 00 C1 5F 00 07 FE 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 2E CC 00 04 00 03 29 00 00 05 D6 05 C9 05 D3 05 C5 00 03 AC 07 FF 02 C1 02 BE 08
```

```
0E 08 58 08 09 00 00 00 C0 5F 00 07 FD 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 2F CC 00 04 00 03 29 00 00 05 C8 05 BF 05 C9 05 BB 00 03 6B 07 FF 02 C2 02 BE 08
0A 08 5D 08 09 00 00 00 C1 60 00 07 FD 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 30 CC 00 04 00 03 29 00 00 05 BC 05 B2 05 BE 05 B0 00 03 9A 07 FF 02 C3 02 BD 08
08 08 53 08 08 00 00 00 C4 61 00 07 FE 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 05 03 31 CC 00 04 00 03 2A 00 00 05 B3 05 AA 05 B2 05 A7 00 03 B2 07 FF 02 C3 02 BF 08
0A 08 55 08 0C 00 00 00 C5 62 00 07 FE 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 00 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 13 49 00 00 FF
FF 00 3C 10 01 01 27 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 03 C4 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 01 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 13 49 00 00 FF
FF 00 3C 10 01 01 27 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 1A 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 02 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 13 49 00 00 FF
FF 00 3C 10 01 01 27 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 1A 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 03 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 13 49 00 00 FF
FF 00 3C 10 01 01 28 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 1E 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 04 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 13 49 00 00 FF
FF 00 3C 10 01 01 28 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 23 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 05 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 13 49 00 00 FF
FF 00 3C 10 01 01 28 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 29 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 06 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 13 49 00 00 FF
FF 00 3C 10 01 01 28 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 18 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 07 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 1A 49 00 00 FF
FF 00 3C 10 01 01 27 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 1C 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 08 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 1A 49 00 00 FF
FF 00 3C 10 01 01 27 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 12 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 09 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 1A 49 00 00 FF
FF 00 3C 10 01 01 27 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 24 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 0A CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 1A 49 00 00 FF
FF 00 3C 10 01 01 27 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 23 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 0B CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 1A 49 00 00 FF
FF 00 3C 10 01 01 27 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 11 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 0C CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 1A 49 00 00 FF
FF 00 3C 10 01 01 27 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 23 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 0D CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 1A 49 00 00 FF
FF 00 3C 10 01 01 27 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 2B 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 0E CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 20 49 00 00 FF
FF 00 3C 10 01 01 27 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 1E 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
```

```
71 01 03 06 01 0F CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 20 49 00 00 FF
FF 00 3C 10 01 01 28 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 21 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 10 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 20 49 00 00 FF
FF 00 3C 10 01 01 28 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 26 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 11 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 20 49 00 00 FF
FF 00 3C 10 01 01 28 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 20 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 12 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 20 49 00 00 FF
FF 00 3C 10 01 01 28 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 13 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 01 13 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 03 20 49 00 00 FF
FF 00 3C 10 01 01 27 03 07 50 00 00 03 00 00 6D 6E 6B 6C 00 50 5A 0C 04 14 00 FF 02 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 00 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 62 3C 00 24 41 00 00 FF
FF 10 3C 10 01 01 95 04 07 40 00 40 04 00 00 74 70 6D 6C 00 50 5A 00 02 2B 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 01 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 10 1C 10 01 01 B5 04 07 40 00 40 04 00 00 74 70 6D 6C 00 50 5A 00 04 4A 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 02 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 10 1C 10 01 01 B5 04 07 40 00 40 04 00 00 74 70 6D 6C 00 50 5A 00 03 A9 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 03 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 10 1C 10 01 01 B5 04 07 40 00 40 04 00 00 74 70 6D 6C 00 50 5A 00 03 A2 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 04 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 10 1C 10 01 01 B5 04 07 40 00 40 04 00 00 74 70 6D 6C 00 50 5A 00 03 9C 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 05 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 10 1C 10 01 01 B5 04 07 40 00 40 04 00 00 74 70 6D 6C 00 50 5A 00 03 FD 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 06 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 10 1C 10 01 01 B5 04 07 40 00 40 04 00 00 74 70 6D 6C 00 50 5A 00 04 6C 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 07 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 10 1C 10 01 01 B5 04 07 40 00 40 04 00 00 74 70 6D 6C 00 50 5A 00 04 52 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 08 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 10 1C 10 01 01 B5 04 07 40 00 40 04 00 00 74 70 6D 6C 00 50 5A 00 05 91 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 09 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 10 1C 10 01 01 B5 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 04 B7 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 0A CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 10 1C 10 01 01 B5 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 04 A9 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 0B CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 10 1C 10 01 01 B5 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 04 80 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 0C CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
```

```
FF 10 1C 10 01 01 BC 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 05 2A 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 0D CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 00 1C 10 01 01 BC 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 03 07 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 0E CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 00 1C 10 01 01 BC 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 02 DA 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 0F CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 00 1C 10 01 01 BC 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 02 82 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 10 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 00 1C 10 01 01 BC 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 04 25 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 11 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 00 1C 10 01 01 BC 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 02 EB 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 12 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 41 00 00 FF
FF 00 1C 10 01 01 BC 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 01 B5 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 02 13 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 01 00 00 FF
FF 00 1C 10 01 01 BC 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 02 CA 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 00 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4D 30 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 01 31 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 01 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 01 54 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 02 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 03 6C 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 03 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 03 04 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 04 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 05 8C 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 05 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 05 B6 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 06 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 04 FD 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 07 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 04 81 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 08 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 04 7D 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 09 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 04 F7 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
```

```
71 01 03 06 03 0A CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 03 AA 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 0B CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 03 21 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 0C CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 02 E6 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 0D CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 03 0E 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 0E CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 03 0F 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 0F CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 03 B9 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 10 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 03 78 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 11 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 03 92 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 12 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 03 B0 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

71 01 03 06 03 13 CC 00 02 B1 01 FF 08 08 09 00 00 00 00 0A 06 FF 00 02 4A 3A 00 24 02 00 00 FF
FF 00 1C 10 01 01 BF 04 07 40 00 00 04 00 00 74 70 6D 6C 00 50 5A 00 03 93 00 FF 00 3F FF 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

62 10 04 10 04

71 01 AA 01 01 CC 00 02 02 FE FE 01 01 00 00 FF FF 00 00 00 00 00 01 01 01 01 FF FF 00 00 00
00 FF FF 00 00 01 01 00 00 00 00 00 00 00 00 01 01 00 00 00 00 00 00 FF FF 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 01 02 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 01 00
00 00 00 00 00 00 00 00 00 00 00 01 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 01 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 01 03 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 01 01 01 FF FF 00 00 00 00 00
00 00 00 01 01 00 00 00 00 01 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 01 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 03 01 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 03 02 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 01 01 00 00 00 00 01 01 00 00 00 00 01 01 00 00 00 00 01 01 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 01 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
```

```
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 01 FF FF 00 00 00 00 FF FF 00
00 00 00 00 00 00 00 00 00

71 01 AA 03 03 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 01 00 00 FD FD 00 00 01 01 FE
FE 00 00 01 01 00 00 00 00 00 00 00 00 00 00 00 00 FF FF 01 01 01 01 FF FF 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 05 01 CC 00 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0
C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0
C0 C0 C0 C0 C0 C0 BF BF BF C0 C0 C0 C0 C0 C0 BF C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0
C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 00
00 00 00 00 00 00 00 00 00

71 01 AA 05 02 CC 00 C5 C2 C5 C5 C4 C1 C1 C3 C5 C2 C5 C3 C3 C5 C5 C4 C5 C3 C7 C6 C5 C6 C6 C6 C5
C7 C8 C6 C6 CB C6 C6 C7 C9 C7 C6 CA CA C8 CA CA C7 CB CA CA CA C9 CA CA CA CB CD CB CD C8 CA CB
CD CA CB CB C8 C8 CD CB C8 CD CC CB CF CD CE CB CC CC D0 CA CD CF CD CB CC CB CE CD CD CD CD CF
CD CD CD CD CE CD CF CD CF CF CD CF CE CF CE CE CC CB CA CB CB CA CB CB CA C9 CA CC CA CB CC 00
00 00 00 00 00 00 00 00 00

71 01 AA 05 03 CC 00 BF BF BF C0 C0 C0 C0 C0 C0 C0 C0 C0 C1 C1 C1 C2 C4 C5 C6 C7 C7 C7 C7 C6 C8
C7 C8 C8 C7 C6 C6 C7 C8 C6 C8 CA CB C9 C8 C8 C9 C8 C6 C6 C6 C6 C6 C9 CA CC CD CD CD CC CD CD CE
CF D0 CF D0 CF CD CB CA C9 C8 C6 C6 C6 C6 C6 C6 C6 C6 C7 C8 C8 C8 C9 C9 CA CA CA CA CA CA CA C9 C8
C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C7 C7 C6 C6 C6 C5 C5 00
00 00 00 00 00 00 00 00 00

71 01 AA 06 01 CC 00 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0
C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0
C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0
C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 00
00 00 00 00 00 00 00 00 00

71 01 AA 06 02 CC 00 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0
C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0
C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0
C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 00
00 00 00 00 00 00 00 00 00

71 01 AA 06 03 CC 00 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C0 C1 C2 C3 C5 C8 C8 C8 CC CA C8 C7 C5
C6 C6 C6 C9 C9 C8 C9 C9 CA CC CD D0 CF D0 D0 D0 D0 CF CF CE CE CE CF CF CF CE CE CD CD CE CD CD
CB CA C9 C7 C7 C6 C5 C5 C3 C3 C3 C3 C4 C4 C5 C4 C5 C6 C8 C8 C9 CA CA CA C8 C7 C6 C5 C5 C5 C5 C5
C5 C5 C6 C6 C8 C8 C9 CA CA CB CB CC CC CC CB CB CB CA C8 C8 C6 C5 C5 C3 C3 C2 C1 C1 C1 C1 C2 00
00 00 00 00 00 00 00 00 00

71 01 AA 07 01 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 FF 00 00 00 00 00 FF FF FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 07 02 CC 00 00 00 FF FF 00 00 00 00 FF FF 00 00 00 00 FF 00 00 00 00 FF 00 00 00 00 00
00 00 00 00 00 00 FF FF 00 00 00 FF 00 00 00 02 00 FE 00 FF 00 01 00 00 FF FE 00 00 00 00 00 FF
00 00 00 01 00 FF FF 00 00 00 00 01 FF FF 00 00 00 00 01 00 00 00 FF 00 00 01 00 00 00 01 01 00
02 00 FF 02 FF 01 01 FF 00 01 01 00 01 00 FE 00 01 00 01 00 00 01 00 02 FE 00 01 00 01 FF 02 00
00 00 00 00 00 00 00 00 00

71 01 AA 07 03 CC 00 00 00 00 00 00 FF FE 06 FB FD 0C FB 08 05 ED 15 00 F0 12 F4 00 10 F4 05 FC
F8 0C 01 04 FA FA 02 02 02 01 FD 05 00 FF 02 FF FF FF 00 01 02 01 00 01 01 02 00 00 00 00 00 01
00 00 01 00 01 00 00 01 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 08 01 CC 00 00 00 00 01 00 00 01 01 01 01 00 01 00 00 01 01 01 00 00 00 01 01 01 00 01
01 00 01 00 00 01 00 02 01 00 00 00 02 02 01 02 00 01 01 00 00 01 01 01 01 01 01 00 01 01 01 02
02 01 01 01 02 01 02 02 02 02 02 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01
01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 01 00 01 01 01 01 01 01 01 01 00 01 01 01 00
00 00 00 00 00 00 00 00 00

71 01 AA 08 02 CC 00 02 FF FE 00 02 00 01 02 00 FF 00 02 02 FE FD 04 02 02 FE 00 01 02 00 02 FF
```

```
FF 00 01 02 01 00 00 01 01 00 01 FF 00 FF 00 07 FF FD 02 FF 01 01 00 05 FE FC 05 05 03 FF 00 01
05 FD 00 02 FF FD 02 03 00 FE 00 00 FD FD 03 07 02 00 03 00 01 01 00 04 00 01 03 FF FE 05 FF 00
07 F8 FF 03 FD 06 04 00 00 03 02 02 00 00 FD 07 03 02 02 FD 00 02 FF 06 FC 06 04 00 FD FD 08 00
00 00 00 00 00 00 00 00 00

71 01 AA 08 03 CC 00 00 01 01 00 00 01 03 00 ED 18 05 E8 23 EF CB 44 BC D6 5C D5 21 33 E0 0B F0
E6 16 0B 01 EC FB 19 09 0B F2 E4 06 F4 FF 0F 05 06 01 01 FF 02 FE FC 00 03 07 01 FF 00 02 02 01
FF FD FD FE 03 FF 00 04 00 02 02 02 00 FF 01 01 01 00 00 03 02 00 01 01 00 00 FF 00 00 00 02 02
00 00 01 00 00 00 00 00 FF FF 00 01 01 01 01 00 00 00 01 00 00 02 02 01 00 00 01 01 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 09 01 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 09 02 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 09 03 CC 00 00 00 00 00 FE FB 01 02 FB 00 04 FF 02 01 FD FB 08 FF F6 02 FA 01 FB 02 F9
05 02 FB 03 FE FF FF FE 02 FF 01 02 00 00 00 00 00 00 FF 00 00 00 00 00 FF 00 00 00 FF 00 00 00
00 00 00 00 FF 00 00 FF FF FF FF 00 00 00 00 00 00 00 00 00 00 FF 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 10 01 CC 00 00 00 00 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 FF FF FF FF 00 00 FF FF FF
FF 00 00 FF FF FF FF 00 FF FF FE FF FF 00 FF FF 00 FF FF FF FF FF FF 00 FF FF FF FF FF FF FF FF
FF FF FF FF FF FF FF FF FF FE FE FE FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF
FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF 00 FF 00 00 FF FF FF FF 00
00 00 00 00 00 00 00 00 00

71 01 AA 10 02 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 FF 00 00 00 00 00 00 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 FF FF FF 00 FF FF FF FF FF
FF FF FF 00 00 FF 00 FF FF FF FF FF FF 00 00 00 FF FF FF FF FF FF FF 00 00 00 FF FF FF FE 00
00 00 00 00 00 00 00 00 00

71 01 AA 10 03 CC 00 00 00 00 00 02 0B F6 ED 0F 0C F2 00 F8 F1 04 0D D1 0B 21 04 22 04 F9 F6 1F
E8 00 09 F3 01 03 0A 04 EE 07 FB F8 FF FC 00 03 02 00 01 FC 02 03 FE 00 03 00 02 04 02 00 00 02
00 00 FE 00 06 03 01 03 01 00 00 00 01 00 FE 02 04 04 00 FF FF 00 00 00 FF 00 00 00 00 00 00 FF
FE FF 00 00 FF 01 00 00 00 FF FF 00 00 FF 01 01 02 01 02 02 01 00 00 00 00 01 00 01 02 01 01 00
00 00 00 00 00 00 00 00 00

71 01 AA 11 01 CC 00 00 00 02 01 00 02 03 02 00 02 02 01 01 00 01 01 00 00 00 01 00 02 02 02 01
00 00 00 01 02 01 01 00 00 00 FE 00 00 01 02 02 02 00 00 00 00 02 03 02 02 01 01 01 01 02 02 01
02 01 01 01 02 01 00 00 00 01 01 01 01 01 01 01 02 03 01 00 00 02 02 02 03 01 02 04 02 02 02 02
02 03 03 04 02 01 00 02 04 03 02 00 00 02 01 01 01 01 04 04 03 02 02 03 02 01 01 02 01 02 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 11 02 CC 00 FE FF 00 02 04 02 00 FE 00 01 03 00 FF FE 02 04 01 FD FE 01 05 05 00 FD FC
02 03 04 00 FF FF 02 03 01 FF FD 01 04 05 01 FD FC 00 03 05 01 00 FE 01 00 01 02 01 00 00 03 01
02 FF 00 01 04 03 00 00 00 05 08 0A 05 04 03 07 09 00 FF 05 0F 00 F7 FC 0E 04 05 07 F7 02 FC 05
05 02 F6 F8 0D 07 0D EC FE 07 0A 0A FD F8 FC 11 FA 02 00 01 10 F8 05 0B FA FA 00 FA 07 0D 0B 00
00 00 00 00 00 00 00 00 00

71 01 AA 11 03 CC 00 00 00 FF 00 00 01 01 FD FB FF 06 06 FB FC 02 03 FD FE 01 03 08 08 FB F7 01
03 02 01 00 03 06 FF FC F5 FC 0A 19 08 02 F3 EC F5 16 14 06 EB EF 07 14 FA EC 0E 18 0D FF E4 EC
06 0A 0D 0B F7 F3 FE 03 0C 05 F6 F6 00 07 06 00 01 01 00 FE FA 01 08 02 FC FF 04 06 02 FE FD 01
03 03 FF FE FF 02 05 04 00 FF FF FF FF 02 04 02 FE FD FF 03 03 00 FF FF 01 00 00 01 02 02 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 12 01 CC 00 FE FF FF FF FE FE FE FE FE FE FE FE FE FE FD FD FD FE FE FE FE FE FE FE FE FF
FF FE FE FF 00 00 FE FE FF FF FF FF FF FF FF FF FF FF FE FE FF FE FE FE FE FE FE FE FE FE FE FE
FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FF FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FD FE
FE FE FE FD FE FE FE FE FE FE FE FE FE FE FE FF FE FF FE FE FF FF FF FF FF FF FF FF 00 FF FF 00
00 00 00 00 00 00 00 00 00
```

71 01 AA 12 02 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 FF FF 00 00 00 00 00 00 00 00 00 00 00 FF 00 00 00 FF FF FF FF FF 00 FF FE FF FF 00
FF FE FE FF FF FF FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FE FF FF FF FF FE FE FF FF FF 00
00 00 00 00 00 00 00 00 00

71 01 AA 12 03 CC 00 01 01 01 01 01 01 01 FF 00 03 02 FE FF 04 00 F9 FC 05 0F 09 FB F6 02 06 00
F3 F2 0A 14 0D FC F5 FD 02 09 02 02 FF 00 00 04 06 FF 00 FF 02 F7 00 07 0B 01 F9 02 FF 00 FE 03
02 03 08 FF FC FE 01 00 FD 00 FE 00 04 02 01 01 03 02 FC FE 00 00 02 00 02 01 01 01 01 01 00 00
01 01 02 01 00 01 01 01 00 00 01 01 01 00 00 01 01 00 00 00 01 01 00 00 00 01 01 01 01 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 13 01 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 13 02 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 13 03 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 14 01 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 14 02 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 14 03 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00

71 01 AA 15 01 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 14 00 00 00 14 00 14 00 14 00 00 00 28 00
14

71 01 AA 15 02 CC 00 FF EC FF EC FF EC 00 00 00 66 FF EC 00 14 00 28 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 FF EC FF D8 FF D8 FF
D8 00 00 00 00 FF C3 FF EC FF EC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 FF EC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 14 00 00 00 28 00 00 00 00 00 14 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 14 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 14 00 00 00 14 00 14 00
00 00 14 00 00 00 14 00 00 00 00 00 00 00 00 00 00 00 00 00 14 00 00 00 14 00 14 00 14 00 00 00
00 00 14 00 00 00 00 00 14 00 00 00 00 00 00 00 14 00 00 00 00 00 00 00 00 00 14 00 28 00 51 00
28

71 01 AA 15 03 CC 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 FF EC 00 00 00 3D FF C3 00 00 00 14 00 14 00 00 00 00 00 14 00 14 00 00 00 00 00 14 00 14 00
00 00 14 00 14 00 00 00 14 00 14 00 14 00 00 00 14 00 14 00 14 00 00 00 14 00 14 00 00 00 00 00
00 00 14 00 00 00 14 00 14 00 14 00 14 00 14 00 14 00 28 00 14 00 14 00 51 00 14 00 14 00 14 00
00

71 01 AA 16 01 CC 00 E5 64 E5 64 E6 8C E6 8C E6 8C E6 8C E6 8C E6 8C E6 8C E6 8C E6 8C E6 8C E5
64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5
64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5
64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5
64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E4 3B E4
3B E4 3B E4 3B E4 3B E4 3B E4 3B E4 3B E4 3B E4 3B E4 3B E4 3B E4 3B E4 3B E4 3B E4 3B E4 3B E4
3B E4 3B E4 3B E4 3B E5 64 E4 3B E5 64 E4 3B E4 3B E4 3B E5 64 E5 64 E5 64 E5 64 E5 64 E5 64 E5
64 E5 64 E6 8C E6 8C E6 8C E6 8C E7 B4 E7 B4 E7 B4 E6 8C D8 A9 D6 59 CE 40 AF 02 AB 89 B9 6C CA
C7

71 01 AA 16 02 CC 00 FE D8 FE D8 FE D8 11 5B 48 E5 2F 70 5B 68 1F 3D 2D 20 27 57 19 74 26 2E 08
19 0B 92 12 83 0A 69 12 83 0C BA 13 AB 11 5B 11 5B 12 83 12 83 18 4C 17 24 48 E5 53 4F 34 11 39
DA 2D 20 37 8A 2E 48 2F 70 2A CF 28 7F 20 65 1F 3D 1C ED 1A 9C 19 74 17 24 18 4C 19 74 19 74 1B
C5 1E 15 20 65 23 DE 25 06 25 06 23 DE 29 A7 25 06 2A CF 23 DE 1F 3D 1B C5 19 74 19 74 1B C5 1B
C5 1A 9C 1F 3D 27 57 34 11 39 DA 38 B2 35 39 31 C0 32 E9 26 2E 25 06 1C ED 1C ED 18 4C 13 AB 15
FB 18 4C 19 74 18 4C 1C ED 20 65 1F 3D 20 65 23 DE 1F 3D 22 B6 23 DE 23 DE 22 B6 23 DE 20 65 20
65 1E 15 18 4C 17 24 13 AB 15 FB 12 83 14 D3 13 AB 15 FB 17 24 18 4C 1A 9C 18 4C 15 FB 12 83 12
83 13 AB 13 AB 12 83 11 5B 11 5B 10 32 11 5B 08 19 0D E2 0C BA 0F 0A 0B 92 0C BA E1 EB 23 DE 06
F1

71 01 AA 16 03 CC 00 00 00 00 00 FE D8 FE D8 00 00 00 00 FC 88 00 00 FC 88 FC 88 FB 60 00 00 00
00 FC 88 00 00 01 28 00 00 00 00 02 50 01 28 00 00 01 28 00 00 00 00 00 00 FE D8 00 00 00 00 FD
B0 FD B0 FD B0 FD B0 FD B0 FD B0 FD B0 FC 88 FE D8 00 00 FB 60 FE D8 05 C9 05 C9 FD B0 00 00 05
C9 02 50 00 00 00 00 FE D8 02 50 FE D8 00 00 FD B0 00 00 00 00 01 28 00 00 00 00 00 00 02 50 00
00 FE D8 FE D8 02 50 03 78 FE D8 00 00 01 28 00 00 00 00 01 28 FE D8 FE D8 FE D8 FE D8 FC 88 FD
B0 FB 60 06 F1 08 19 00 00 09 41 04 A0 FD B0 02 50 0A 69 FD B0 04 A0 00 00 00 00 00 00 F3 46 FD
B0 FE D8 FC 88 FB 60 03 78 01 28 01 28 00 00 04 A0 04 A0 03 78 06 F1 08 19 08 19 0A 69 0A 69 0A
69 0A 69 08 19 09 41 09 41 06 F1 05 C9 05 C9 02 50 02 50 00 00 00 00 04 A0 03 78 04 A0 1E 15 09
41

62 F1 00 FF 90 20 23 3C 00 D2

62 F1 12 39 36 33 37 33 33 30 30 41 45

62 F1 22 34 30 37 36 37 32 32 33 41 53

62 F1 32 36 38 34 30 39 36 38 33 41 41

62 F1 54 00 D2

62 F1 8C 54 30 33 4A 46 31 39 32 38 47 31 30 33 31 20

62 F1 90 33 43 34 4E 4A 44 43 42 30 4A 54 2A 2A 2A 2A 2A 2A

62 FA 01 01 CC 04 04 75 00 00 AD 84 00 02 DB 3A D7 00 4D 0D 3C 00 50 5A 00 00 0D 4B 00 00 00 00
00 00 00 00 00 40 00 00 00 00 00 00 00 00 00 00 3F 7E 00 00 00 00 00 71 03 FF 00 00 00 17 12 00
47 4A 54 2A 2A 2A 2A 2A 2A FF FE 00 00 00 2F 00 00 00 00 00 00 00 00 00 00 00 00 00 00 A2 3D 00
80 21 13 80 7F 13 80 7E 13 80 7A 13 80 79 13 80 29 13 80 28 13 80 21 11 80 20 13 9C 32 00 C1 54
00 C1 40 00 C1 55 00 A2 04 00 80 50 13 80 C5 13 80 B5 13 80 52 13 80 95 13 80 90 13 80 02 13 80
01 13 C1 00 00 A2 2D 00 80 DF 95 A7 34 13 9B A5 00 00 00 00 00 00 00 00 00 00 00 00 00 FF 06 00
00 17 12 00 E8 00 83 B9 7E 3C 3F 03 43 32 00 5D 02 50 4F 46 01 50 4F 53 00 50 4F 4F 02 50 4F 52
00 50 4F 4D 03 00 2C 10 09 00 00 00 00 00 00 00 00 00

62 FA 02 02 CC 03 04 75 00 00 AD 84 00 02 D9 CE EB 00 00 0D 3C 00 50 5A FA 7B 0E 79 00 00 00 00
00 00 00 01 00 41 F7 C2 3E 0C 04 1C FF 1B 60 00 3F 7E 00 00 00 00 00 82 03 FF 04 00 00 17 12 00
58 4A 54 2A 2A 2A 2A 2A 2A 00 72 00 00 00 11 00 00 00 00 00 00 00 00 01 06 00 00 00 00 9C 32 00
C1 54 00 C1 40 00 C1 55 00 A2 3D 00 A2 04 00 80 50 13 80 C5 13 80 B5 13 80 52 13 80 28 13 80 20
13 80 95 13 80 90 13 80 02 13 80 01 13 C1 00 00 A2 2D 00 80 DF 95 A7 34 13 9B A5 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 00 00
00 17 12 00 E8 00 83 B9 7E 3C 3F 03 43 32 00 5D 02 50 4F 46 01 50 4F 53 00 50 4F 4F 02 50 4F 52
00 50 4F 4D 03 02 2C 10 09 00 00 00 00 00 00 00 00 00

```
62 FA 03 03 CC 02 04 35 00 00 2D 04 00 02 D9 CE BD 00 00 0D 3C 00 50 5A FF 23 00 00 00 00 00 00
00 00 00 01 00 42 CC 9D 8A CD 01 DA FF E7 A4 00 3F 7E 00 00 0F C2 01 96 03 FF 04 00 00 17 12 00
5E 4A 54 2A 2A 2A 2A 2A 2A 00 63 00 00 00 11 00 00 00 00 00 00 00 00 01 06 00 00 00 00 C1 54 00
C1 40 00 C1 55 00 A2 3D 00 A2 04 00 80 50 13 80 C5 13 80 B5 13 80 52 13 80 28 13 80 20 13 80 95
13 80 90 13 80 02 13 80 01 13 C1 00 00 A2 2D 00 80 DF 95 A7 34 13 9B A5 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 17 12 00 E8 00 83 B9 7E 3C 3F 03 43 32 00 5D 02 50 4F 46 01 50 4F 53 00 50 4F 4F 02 50 4F 52
00 50 4F 4D 03 02 2C 10 09 00 00 00 00 00 00 00 00 00 00

59 02 FF 80 01 13 AF 80 02 13 AF 80 10 13 AF 80 11 13 AF 80 12 13 AF 80 04 13 AF 80 20 13 AF 80
21 13 AF 80 28 13 AF 80 29 13 AF 80 79 13 AF 80 7A 13 AF 80 7E 13 AF 80 7F 13 AF 80 80 13 AF 80
82 13 AF 80 50 13 AF 80 52 13 AF 80 90 13 AF 80 95 13 AF A7 62 13 AF A7 65 13 AF A7 67 13 AF A7
68 13 AF D1 EA 00 AF D1 ED 00 AF A2 3D 00 ED
```

Disclaimer of Liability

The users of the CDR product and reviewers of the CDR reports and exported data shall ensure that data and information supplied is applicable to the vehicle, vehicle's system(s) and the vehicle ECU. Robert Bosch LLC and all its directors, officers, employees and members shall not be liable for damages arising out of or related to incorrect, incomplete or misinterpreted software and/or data. Robert Bosch LLC expressly excludes all liability for incidental, consequential, special or punitive damages arising from or related to the CDR data, CDR software or use thereof.

DOT HS 813 733
February 2026

U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

16692-021726-v3