EDR Report

File Information	Value
VIN	5YJYGDEE5LF000000
Retrieval Date	2020/11/23 23:15:40 (UTC)
Retrieval User Comments	
Retrieval Program Information	
EDR Report Information	Tesla EDR Reporting Service v20.40.1
Report Date	2020/12/04 02:01:28 (GMT)
Number Of Events	1
Time From Event 1 To 2 (seconds)	N/A
Ignition Cycle At Retrieval	167

Model Y Data Limitations

General Data Limitations

This report represents data from a Tesla Event Data Recorder (EDR). The report was generated using EDR data that was uploaded to the Tesla EDR Report Service at https://edr.tesla.com. This service is periodically updated using the most current vehicle information available and report users should always ensure that the report was generated by the most recent version of the Report Service.

The Tesla EDR Retrieval Program and Tesla EDR Report Service are designed for vehicles configured for the North American market region only. Report elements found in this report may not have not been validated for vehicles configured for regions outside of North America.

The EDR is part of the vehicle's Restraints Control Module (RCM). When the EDR senses a crash or crash-like event, it may record a short period of data related to vehicle dynamics and safety systems. This recorded data may assist in understanding the crash or crash-like event. EDR data will only be recorded by a Tesla vehicle if the EDR senses a crash or crash-like event; no data is recorded by the EDR under normal driving conditions.

EDR data should only be used as part of a thorough and competent review of the human, vehicle, and environmental information associated with an event. The data recorded by the EDR has limitations including the number of items recorded, the time period of the recording, the data sampling interval, and the data range and resolution. Additionally, EDR data may be limited by sensor capabilities or the availability of 12 V DC power at the RCM. For these and other potential reasons, the EDR data may not capture an entire event, and the data elements captured may not fully represent all aspects of a given event.

Tesla has made all reasonable efforts to include sufficient information in this report's Data Limitations section to clarify terminology and data elements found in this document to assist the end user in understanding the recorded data. Tesla reserves the right to update, change or modify this information.

Event Data Recorder
: An Event Data Recorder is defined as a device or function in a vehicle that records the vehicle's dynamic time-series data during the time period just prior to a crash event (e.g., vehicle speed vs. time) or during a crash event (e.g., delta–V vs. time), intended for retrieval after the crash event. For the purposes of this definition, the event data do not include audio and video data (49 CFR Part 563).

Data Synchronization
: Pre-crash and crash data are recorded in discrete intervals and may be asynchronous.

Events
: The Model Y RCM can store up to two events: Event 1 and Event 2. The conditions for triggering the recording of an event differs depending on event type.

Time Zero
: Time Zero, as indicated throughout the event record, is the point where the restraint control algorithm is activated in any sensing direction.

Recording duration
: The end of an event is typically the moment at which the cumulative delta-V within a 20ms time period does not change by more than 0.8 km/h or the moment at which the crash detection algorithm of the RCM resets. Some events may lead to the recording of different duration data as provided for by 49 CFR Part 563.

Deployment events
: A deployment event may be recorded when the RCM commands the deployment of a device (e.g. airbag, pretensioner, or High Voltage (HV) battery disconnect). Airbag deployment events are always locked in memory and are never overwritten. Pretensioner/HV disconnect only deployments may not be locked and may be overwritten.

Non-deployment events
: A non-deployment event may be recorded when the RCM senses a physical occurrence triggering the recording of an event but does not command the deployment of a device (e.g. airbag, pretensioner, High Voltage (HV) battery disconnect). A non-deployment event is recorded if one of the two event memory locations is available (not locked). Non-deployment events are not locked in memory. A non-deployment event is overwritten by another non-deployment event or a deployment event.

Data polarity
: Where applicable, the data in this report follows the polarity conventions found in SAE J1733 and J211. For example, forward longitudinal acceleration and resultant delta-V are positive and left-to-right lateral acceleration and resultant delta-V are positive. Positive roll angle is rotation about the vehicle's longitudinal axis using the right hand rule (clockwise vehicle roll when viewed from the rear of the vehicle). Positive steering wheel angle is clockwise rotation of the steering wheel (steering to the right from straight).

Signal Not Available (SNA)
: Signal Not Available (SNA) indicates a data element which is not available due to a fault or network communication disruption with the sensor that supplies the data to the EDR.

Data Element Definitions

Vehicle Identification Number (VIN)

The Vehicle Identification Number (VIN) is stored in the RCM when it is installed at the Tesla Fremont Factory or by Tesla Service. The last 6 digits of the VIN can be anonymized by selecting the “Save without VIN sequence number” option in the Tesla EDR Retrieval Program.

Number Of Events

The Number Of Events represents the total number of events that are stored in the RCM memory. The maximum number of events that can be recorded is two.

Time From Event 1 to 2 (seconds)

The Time From Event 1 to 2 is the amount of time elapsed between the Time Zero of two linked events (if applicable). Linked events must occur within 5 seconds and in the same ignition cycle. Non-linked events will report “N/A” in the Time From Event 1 to 2 value. The value is reported to the nearest 0.5 seconds.

Retrieval Date

The Retrieval Date is the calendar date and time when the data was retrieved from the RCM. This date and time is sourced from the computer that was used to retrieve the data. This is not the date and time of an event.

Retrieval User Comments

The Retrieval User Comments is an open field that can be used by the Tesla EDR Retrieval operator to record text comments at the time of retrieval.

Retrieval Program Information

The Retrieval Program Information is the version number of the Tesla EDR Retrieval Program that was used to retrieve the EDR data from the RCM.

EDR Report Information

The EDR Report Information identifies the version of the Tesla EDR Report Service.

Report Date

Report Date is the calendar date when the online Tesla EDR Report Service was used to generate the report. The source of this data element is the Tesla server.

Ignition Cycle At Retrieval

The Ignition Cycle At Retrieval is the number of times that the RCM had been powered on as reported at the time that the Tesla EDR Retrieval Program was used to retrieve the data from the RCM. The maximum value for ignition cycles is over 4 billion.

Maximum Delta-V, Longitudinal/Lateral (km/h)

The Maximum Delta-V, Longitudinal/Lateral is the maximum magnitude of the recorded delta-V during the event. The value is reported to the nearest kilometer per hour. The range for Maximum Delta-V is -100 km/h to +100 km/h. The source of the data is the internal calculation (integration) of the sensor data inside of the RCM.

Time to Maximum Delta-V, Longitudinal/Lateral (ms)

The Time to Maximum Delta-V, Longitudinal/Lateral is the time from Time Zero to the maximum magnitude of the recorded delta-V during the event. The maximum value is 300 ms and the value is reported to the nearest millisecond.

Time to Maximum Delta-V, Resultant (ms)

The Time to Maximum Delta-V, Resultant is the time from Time Zero to the calculated maximum resultant of the longitudinal and lateral delta-V components. The maximum value is 300 ms and the value is reported to the nearest millisecond.

Ignition Cycle At Event

The Ignition Cycle At Event is the number of times that the RCM had been powered on as reported at Time Zero. The maximum value for ignition cycles is over 4 billion.

Ignition Cycle Runtime

Ignition Cycle Runtime is the total cumulated time from when the RCM was powered on to Time Zero for a given event. The maximum value of Ignition Cycle Runtime is over 70 million minutes and the resolution is 0.1 minutes.

Odometer At Event Time Zero

Odometer At Event Time Zero is the value of the vehicle’s lifetime mileage accumulation at Time Zero. The maximum value for this data element is over 1 million kilometers and the resolution is 0.1 kilometers.

Airbag Warning Lamp Status

Airbag Warning Lamp Status indicates the commanded state of the warning lamp as “on” or “off” within approximately the last second before Time Zero.

ABS Warning Indicator Status

ABS Warning Indicator Status indicates the commanded state of the warning lamp as “on” or “off” within approximately the last second before Time Zero.

Vehicle Drive Mode

Vehicle Drive Mode is the status of the vehicle’s powertrain setting within approximately the last second before Time Zero . Possible values for this data element include Park, Reverse, Neutral and Drive.

Driver/Passenger Safety Belt Status

The Driver/Passenger Safety Belt Status is the recorded status of the safety belt at the time of the event. This data element is recorded one second before Time Zero.

Occupant Classification In Front Passenger Seat

The Occupant Classification data element indicates the detected occupant type in the front passenger seat. Values include: Empty, Child, Small Adult, Large Adult.

Rear occupant seat status

The Model Y may record data associated with the second row seat occupancy and seat belt status. Seat occupancy status may not identify small occupants or child seats. The possible values for occupancy status include: Not Occupied or Occupied, or Not Available. The possible values for rear occupant seat belt status are Buckled, Not Buckled, or Not Available.

Driver Airbag Deployment 2nd Stage Disposal

This data element indicates if the driver airbag second stage was commanded to deploy (either for occupant restraint or propellant disposal purposes).'

Right Front Passenger Airbag Deployment 2nd Stage Disposal

This data element indicates if the passenger airbag second stage was commanded to deploy (either for occupant restraint or propellant disposal purposes).

Complete File Recorded

Complete File Recorded indicates whether or not the complete data set available to the EDR was successfully recorded.

Deployment Summary

The Deployment Summary table indicates which of the deployable safety devices (if any) were commanded to deploy and at what time (relative to the event Time Zero). The possible values for the status of each device is “Deployment Commanded” or “Deployment Not Commanded”. The deployment commanded time is to the nearest millisecond.

Time Series Data

All time references are based on the event definition of Time Zero.

Vehicle Speed

Vehicle Speed is calculated using the four wheel speed signals as well as inertial acceleration measurements. This speed will be reported either in kilometers per hour or miles per hour, depending on vehicle configuration. The minimum value for vehicle speed is 0 and the maximum value is greater than 200 km/h (124 mph). The resolution of Vehicle Speed is to the nearest kilometer per hour or mile per hour, depending on vehicle configuration.

Accelerator Pedal (%)

Accelerator Pedal (%) is the percent of full application of the accelerator pedal. The resolution of Accelerator Pedal (%) is to the nearest percent.

Rear Motor Speed (rpm)

Rear Motor Speed is the rate of rotation of the rear drive motor. The maximum value for Rear Motor Speed is 17,900 rpm (revolutions per minute). The resolution of Rear Motor Speed is to the nearest 1 rpm. Positive RPM values indicate that the vehicle motor is rotating negatively about the vehicle's lateral (y) axis, which provides forward motive force.

Service Brake

Service Brake indicates the status of the driver’s application of the brake pedal as reported by the brake booster. The possible values for Service Brake are “On” (pedal being applied by driver) and “Off” (pedal not being applied by driver).

Stability Control

Stability Control is the status of the Electronic Stability Control system (ESC). The possible values are “On” (meaning the ESC was enabled but not active), “Off” (meaning the ESC was turned off), and “Engaged” (meaning that the ESC was active).

ABS Activity

ABS Activity is the status of the Anti-lock Braking System (ABS). The possible values are “On” (meaning the ABS was active) and “Off” (meaning the ABS was not active). Active ABS status does not necessarily indicate that the ABS control unit was actively modulating braking at one or more wheels.

Steering Wheel Angle (deg)

Steering Wheel Angle represents the measured rotational angle of the steering wheel. The range of Steering Wheel Angle data is -819 deg to +819 deg. The resolution of steering wheel angle is to the nearest degree. Data is recorded for 5 seconds prior to Time Zero every 0.1 seconds.

Lateral/Longitudinal Pre-Crash Acceleration

Lateral and Longitudinal Pre-Crash Acceleration data is the measured physical acceleration of the vehicle as measured at the RCM during the 5 seconds prior to (and including) Time Zero.

Roll/Yaw Rate Pre-Crash Data

Roll and Yaw Rate Pre-Crash data is the measured angular velocity of the RCM for the 5 seconds prior to (and including) Time Zero. The resolution of this data element is to the nearest 0.1 degrees/second and the samples are recorded every 0.1 seconds.

Longitudinal/Lateral Delta-V data

Longitudinal and Lateral Time Series Delta-V Data indicates the change in velocity of the vehicle. The source of the data is the internal calculation (integration) of the sensor data inside of the RCM. The resolution of Delta-V data is to the nearest kilometer per hour and the data is reported every 10 ms after Time Zero. The range for delta-V data is -100 km/h to +100 km/h.

Longitudinal/Lateral Time Series Acceleration data

Longitudinal and Lateral Time Series Acceleration Data indicates the measured physical acceleration of the vehicle. The source of the data is the accelerometers located inside the RCM. The resolution of acceleration data is 0.8 g and the data is reported every 0.5 ms after Time Zero. The range of acceleration data is -96 g to +96 g.

Lateral/Longitudinal/Normal Pre-Crash Acceleration data

Lateral, Longitudinal and Normal Pre-Crash Acceleration data is the measured physical acceleration of the vehicle as measured at the RCM. The resolution of acceleration data is 0.04 g and the data is reported every 100 ms 5 seconds prior to (and including) Time Zero. The range of acceleration data is -5 g to +5 g.

Roll Angle

Roll Angle indicates the vehicle roll angle at a specific time before and/or after Time Zero. The source of the data is the internal calculation (integration) of the sensor data inside of the RCM. The recording time for Roll Angle Data is 1 second before and 5 seconds after Time Zero and is sampled every 100 ms. The range of roll angle data is -1,270 deg to +1,270 deg and the resolution of roll angle data is to the nearest 10 deg.

Serial Numbers

Serial numbers are the sensor identification numbers that are stored in the RCM. These values are stored when the RCM is powered up (each ignition cycle).

Hexadecimal Data

The Hexadecimal Data found in this report represents the original, raw data and identifying information retrieved from the RCM accessed to ultimately generate this report. The binary data is represented in hexadecimal format as a matter of convenience. While it represents all the raw data retrieved from the subject RCM not all of that raw data may be used in a given report or application.

Event 1 Data Record

Data Element	Value
Maximum Delta-V, Longitudinal (km/h)	-9
Time To Maximum Delta-V, Longitudinal (ms)	90.0
Maximum Delta-V, Lateral (km/h)	33
Time To Maximum Delta-V, Lateral (ms)	70.0
Time To Maximum Delta-V, Resultant (ms)	90.0
Ignition Cycle At Event	167
Ignition Cycle Runtime (minutes)	19.1
Odometer At Event Time Zero (km)	111.7
Airbag Warning Lamp Status	Off
ABS Warning Indicator Status	Off
Driver Safety Belt Status	Belted
Passenger Safety Belt Status	Not Belted
Second Row Left Safety Belt Status	Not Belted
Second Row Center Safety Belt Status	Not Belted
Second Row Right Safety Belt Status	Not Belted
Occupant Classification Status In Front Passenger Seat	Not Adult
Second Row Left Seat Occupancy Status	Not Occupied
Second Row Center Seat Occupancy Status	Not Occupied
Second Row Right Seat Occupancy Status	Not Occupied
Passenger Seat Track Position	Forward
Vehicle Drive Mode	Neutral
Driver Airbag Deployment 2nd Stage Disposal	No
Right Front Passenger Airbag Deployment 2nd Stage Disposal	No
Complete File Recorded	Yes

Deployment Summary (Event 1)

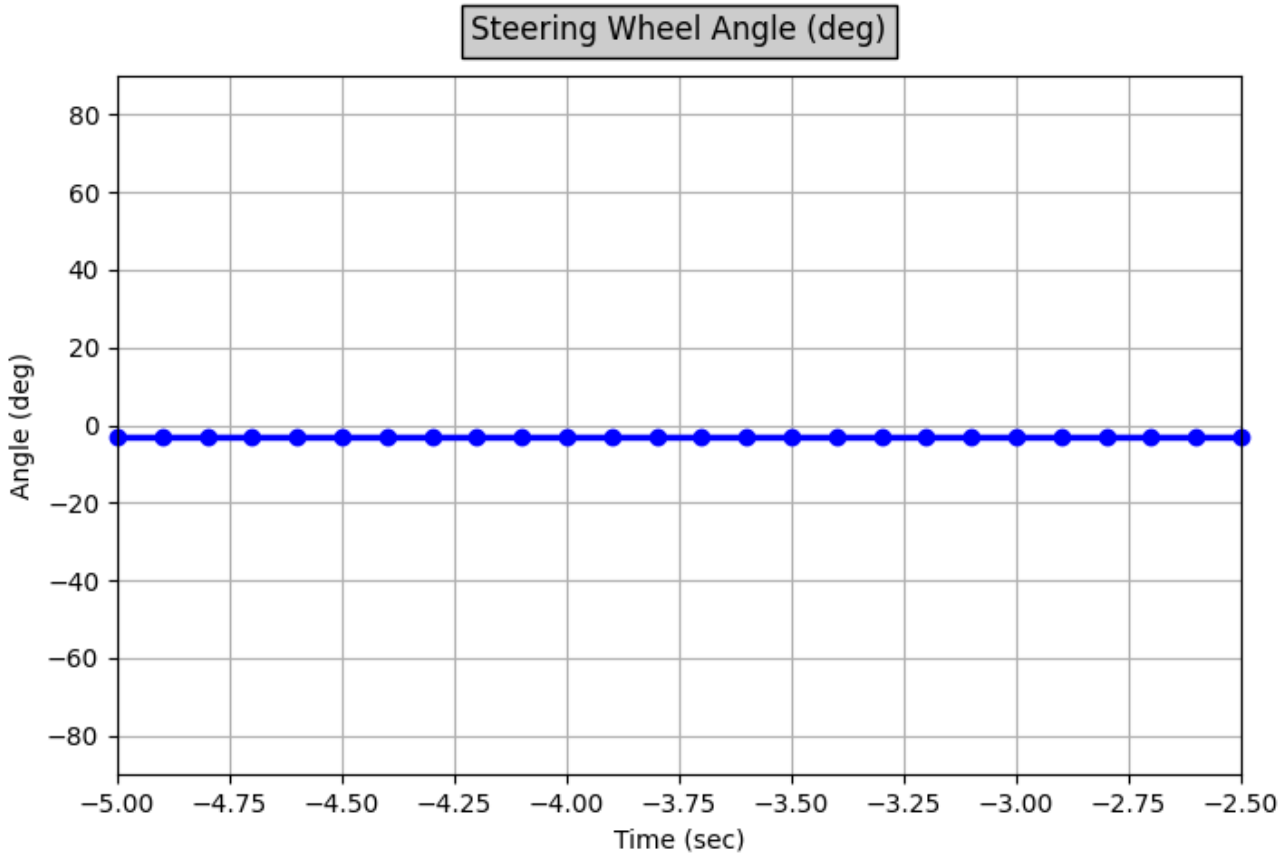
Device	Status	Deployment Command Time (ms)
Driver Front Airbag Stage 1	Deployment Commanded	34
Driver Front Airbag Stage 2	Deployment Commanded	39
Driver Front Airbag Active Vent	Deployment Commanded	219
Driver Knee Airbag	Deployment Commanded	34
Passenger Front Airbag Stage 1	Deployment Not Commanded	
Passenger Front Airbag Stage 2	Deployment Not Commanded	
Passenger Front Airbag Active Vent	Deployment Not Commanded	
Passenger Knee Airbag	Deployment Not Commanded	
1st Row Left Seat Side Airbag	Deployment Commanded	6
Left Curtain Airbag (1st Row)	Deployment Commanded	6
1st Row Left Retractor Pre-tensioner	Deployment Commanded	6
1st Row Left Outboard Lap Pre-tensioner	Deployment Commanded	6
1st Row Left Load Limiter	Deployment Commanded	64
1st Row Right Seat Side Airbag	Deployment Not Commanded	
Right Curtain Airbag (1st Row)	Deployment Commanded	34
1st Row Right Retractor Pre-tensioner	Deployment Not Commanded	
1st Row Right Outboard Lap Pre-tensioner	Deployment Not Commanded	
1st Row Right Load Limiter	Deployment Not Commanded	
2nd Row Left Seat Side Airbag	Deployment Not Commanded	
2nd Row Left Curtain Airbag	Deployment Not Commanded	
2nd Row Left Retractor Pre-tensioner	Deployment Not Commanded	
2nd Row Right Seat Side Airbag	Deployment Not Commanded	
2nd Row Right Curtain Airbag	Deployment Not Commanded	
2nd Row Right Retractor Pre-tensioner	Deployment Not Commanded	

Event Data (Event 1)

Time (sec)	Service Brake	Stability Control	ABS Activity
-5.0	Off	Not Engaged	Off
-4.8	Off	Not Engaged	Off
-4.6	Off	Not Engaged	Off
-4.4	Off	Not Engaged	Off
-4.2	Off	Not Engaged	Off
-4.0	Off	Not Engaged	Off
-3.8	Off	Not Engaged	Off
-3.6	Off	Not Engaged	Off
-3.4	Off	Not Engaged	Off
-3.2	Off	Not Engaged	Off
-3.0	Off	Not Engaged	Off
-2.8	Off	Not Engaged	Off
-2.6	Off	Not Engaged	Off
-2.4	Off	Not Engaged	Off
-2.2	Off	Not Engaged	Off
-2.0	Off	Not Engaged	Off
-1.8	Off	Not Engaged	Off
-1.6	Off	Not Engaged	Off
-1.4	Off	Not Engaged	Off
-1.2	Off	Not Engaged	Off
-1.0	Off	Not Engaged	Off
-0.8	Off	Not Engaged	Off
-0.6	Off	Not Engaged	Off
-0.4	Off	Not Engaged	Off
-0.2	Off	Not Engaged	Off
0.0	Off	Not Engaged	Off

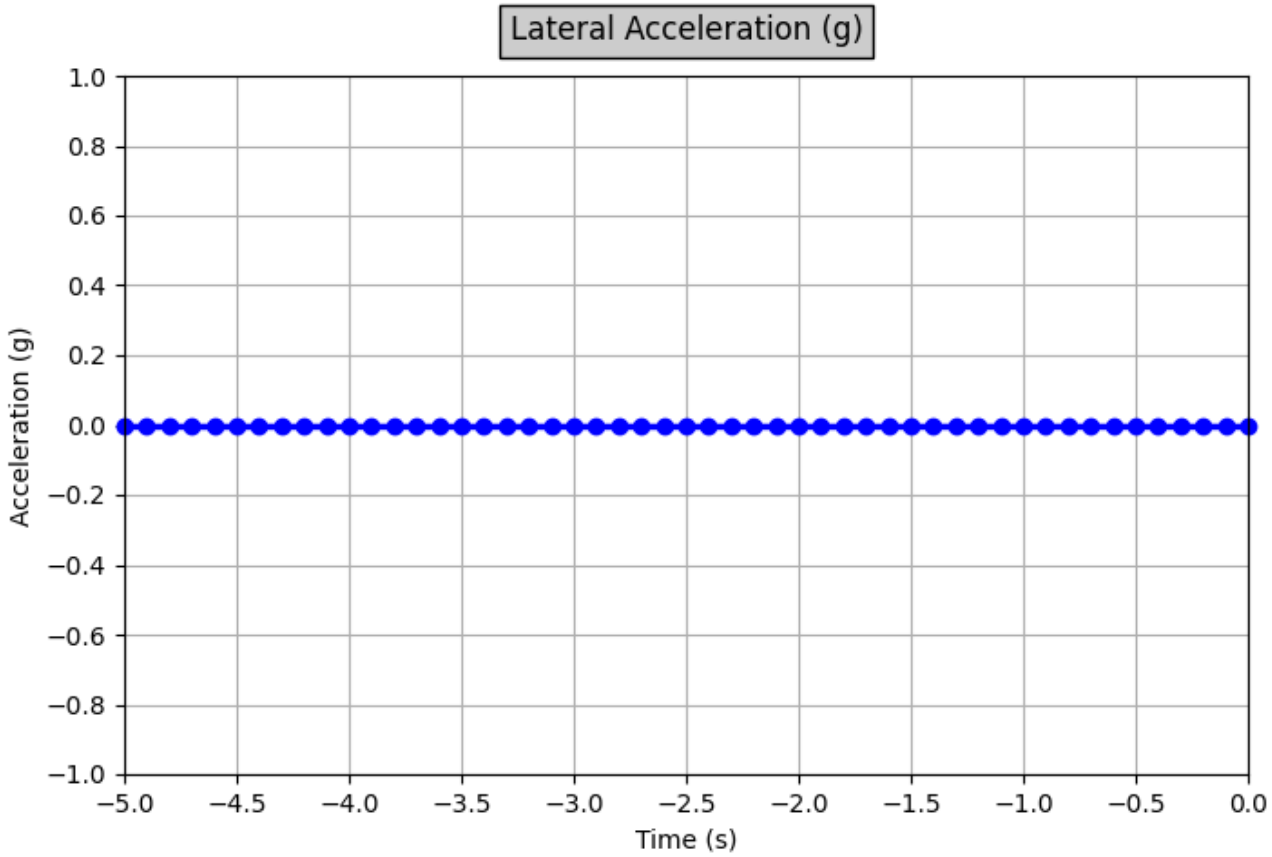
Time (sec)	Vehicle Speed (mi/h)	Accelerator Pedal (%)	Rear Motor Speed (rpm)
-5.0	0.0	0.0	0
-4.8	0.0	0.0	1
-4.6	0.0	0.0	0
-4.4	0.0	0.0	0
-4.2	0.0	0.0	0
-4.0	0.0	0.0	0
-3.8	0.0	0.0	0
-3.6	0.0	0.0	0
-3.4	0.0	0.0	0
-3.2	0.0	0.0	1
-3.0	0.0	0.0	0
-2.8	0.0	0.0	1
-2.6	0.0	0.0	1
-2.4	0.0	0.0	0
-2.2	0.0	0.0	1
-2.0	0.0	0.0	SNA
-1.8	0.0	0.0	0
-1.6	0.0	0.0	SNA
-1.4	0.0	0.0	0
-1.2	0.0	0.0	SNA
-1.0	0.0	0.0	1
-0.8	0.0	0.0	SNA
-0.6	0.0	0.0	1
-0.4	0.0	0.0	0
-0.2	0.0	0.0	0
0.0	0.0	0.0	SNA

Steering Wheel Angle (Event 1)



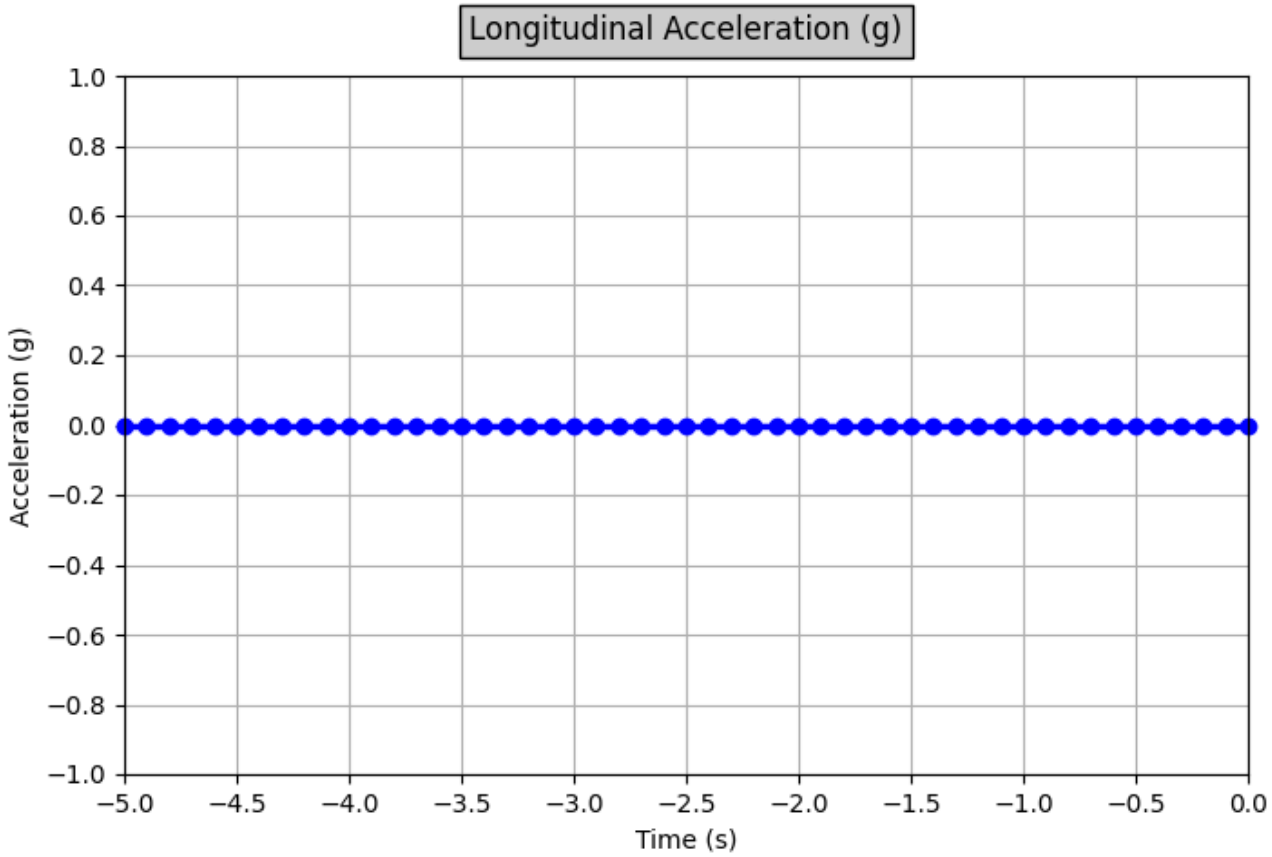
Time (sec)	Angle (deg)	Time (sec)	Angle (deg)
-5.0	-3	-3.7	-3
-4.9	-3	-3.6	-3
-4.8	-3	-3.5	-3
-4.7	-3	-3.4	-3
-4.6	-3	-3.3	-3
-4.5	-3	-3.2	-3
-4.4	-3	-3.1	-3
-4.3	-3	-3.0	-3
-4.2	-3	-2.9	-3
-4.1	-3	-2.8	-3
-4.0	-3	-2.7	-3
-3.9	-3	-2.6	-3
-3.8	-3	-2.5	-3

Lateral Pre-Crash Acceleration (Event 1)



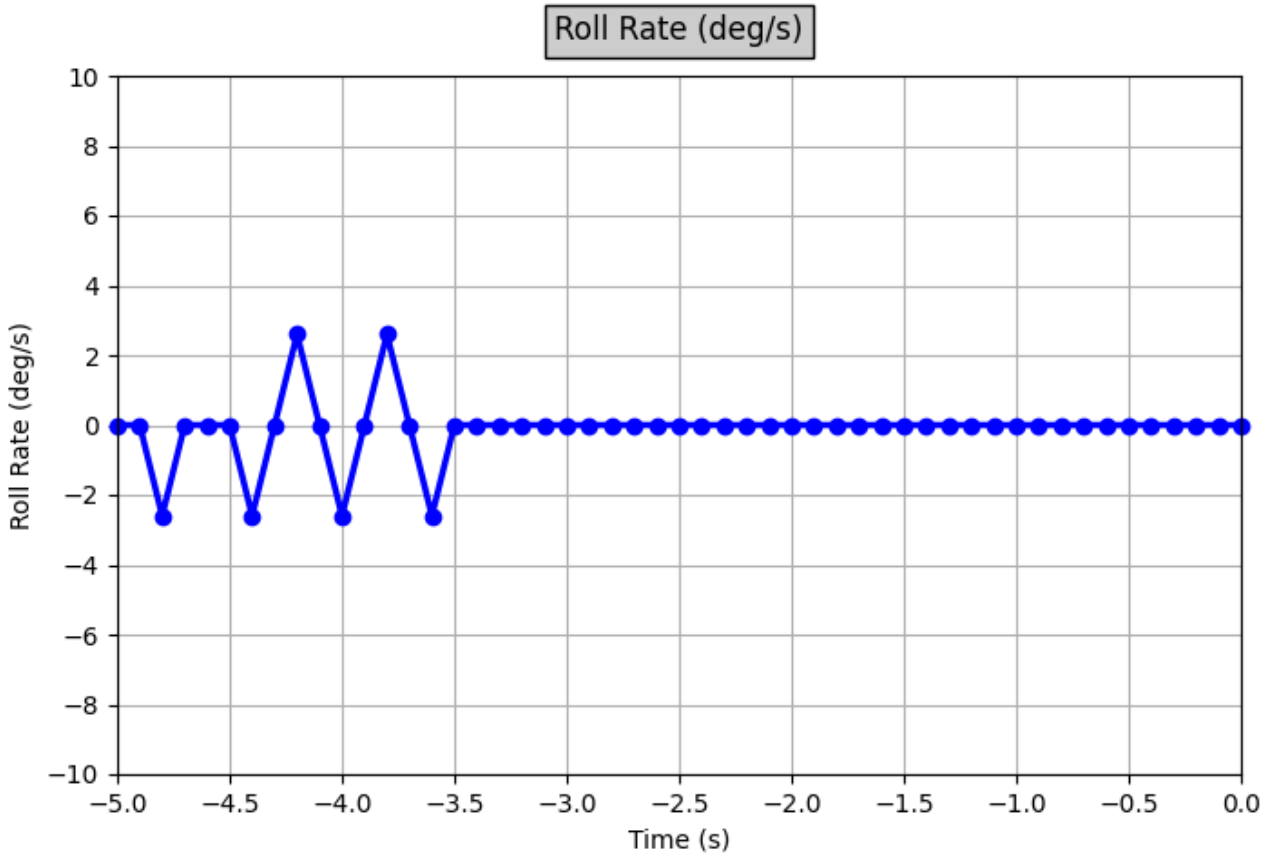
Time (s)	Acceleration (g)	Time (s)	Acceleration (g)	Time (s)	Acceleration (g)
-5.0	0.0	-3.3	0.0	-1.6	0.0
-4.9	0.0	-3.2	0.0	-1.5	0.0
-4.8	0.0	-3.1	0.0	-1.4	0.0
-4.7	0.0	-3.0	0.0	-1.3	0.0
-4.6	0.0	-2.9	0.0	-1.2	0.0
-4.5	0.0	-2.8	0.0	-1.1	0.0
-4.4	0.0	-2.7	0.0	-1.0	0.0
-4.3	0.0	-2.6	0.0	-0.9	0.0
-4.2	0.0	-2.5	0.0	-0.8	0.0
-4.1	0.0	-2.4	0.0	-0.7	0.0
-4.0	0.0	-2.3	0.0	-0.6	0.0
-3.9	0.0	-2.2	0.0	-0.5	0.0
-3.8	0.0	-2.1	0.0	-0.4	0.0
-3.7	0.0	-2.0	0.0	-0.3	0.0
-3.6	0.0	-1.9	0.0	-0.2	0.0
-3.5	0.0	-1.8	0.0	-0.1	0.0
-3.4	0.0	-1.7	0.0	0.0	0.0

Longitudinal Pre-Crash Acceleration (Event 1)



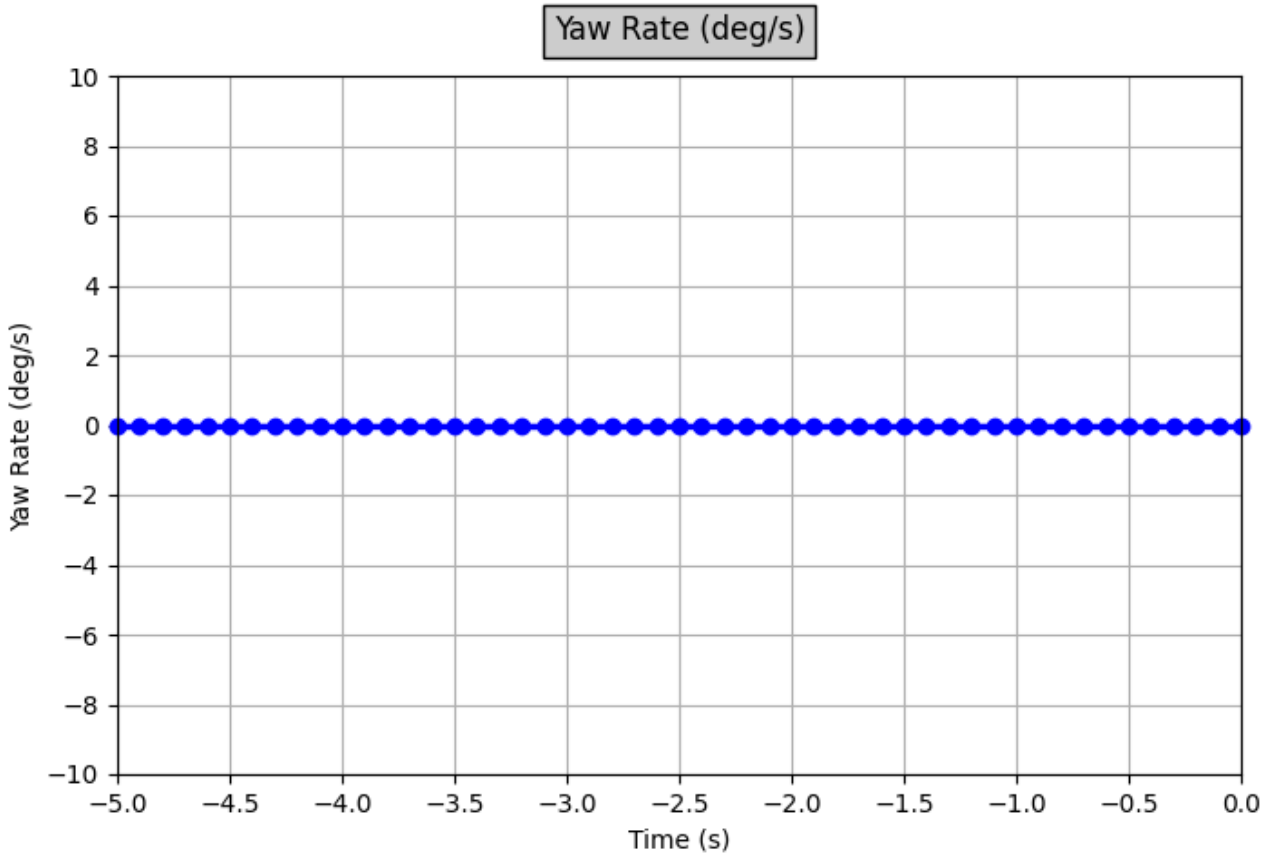
Time (s)	Acceleration (g)	Time (s)	Acceleration (g)	Time (s)	Acceleration (g)
-5.0	0.0	-3.3	0.0	-1.6	0.0
-4.9	0.0	-3.2	0.0	-1.5	0.0
-4.8	0.0	-3.1	0.0	-1.4	0.0
-4.7	0.0	-3.0	0.0	-1.3	0.0
-4.6	0.0	-2.9	0.0	-1.2	0.0
-4.5	0.0	-2.8	0.0	-1.1	0.0
-4.4	0.0	-2.7	0.0	-1.0	0.0
-4.3	0.0	-2.6	0.0	-0.9	0.0
-4.2	0.0	-2.5	0.0	-0.8	0.0
-4.1	0.0	-2.4	0.0	-0.7	0.0
-4.0	0.0	-2.3	0.0	-0.6	0.0
-3.9	0.0	-2.2	0.0	-0.5	0.0
-3.8	0.0	-2.1	0.0	-0.4	0.0
-3.7	0.0	-2.0	0.0	-0.3	0.0
-3.6	0.0	-1.9	0.0	-0.2	0.0
-3.5	0.0	-1.8	0.0	-0.1	0.0
-3.4	0.0	-1.7	0.0	0.0	0.0

Roll Rate Pre-Crash Data (Event 1)



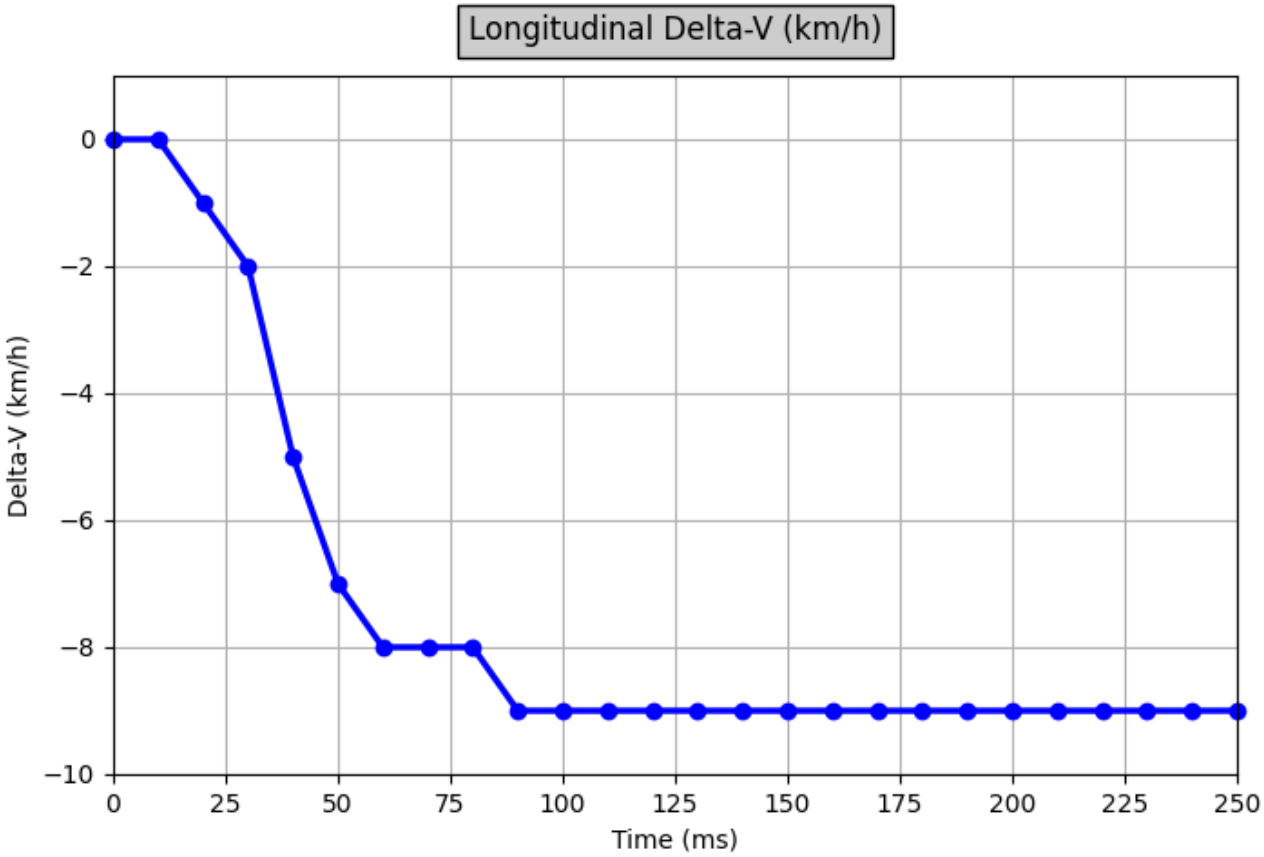
Time (s)	Roll Rate (deg/s)	Time (s)	Roll Rate (deg/s)	Time (s)	Roll Rate (deg/s)
-5.0	0.0	-3.3	0.0	-1.6	0.0
-4.9	0.0	-3.2	0.0	-1.5	0.0
-4.8	-2.6	-3.1	0.0	-1.4	0.0
-4.7	0.0	-3.0	0.0	-1.3	0.0
-4.6	0.0	-2.9	0.0	-1.2	0.0
-4.5	0.0	-2.8	0.0	-1.1	0.0
-4.4	-2.6	-2.7	0.0	-1.0	0.0
-4.3	0.0	-2.6	0.0	-0.9	0.0
-4.2	2.6	-2.5	0.0	-0.8	0.0
-4.1	0.0	-2.4	0.0	-0.7	0.0
-4.0	-2.6	-2.3	0.0	-0.6	0.0
-3.9	0.0	-2.2	0.0	-0.5	0.0
-3.8	2.6	-2.1	0.0	-0.4	0.0
-3.7	0.0	-2.0	0.0	-0.3	0.0
-3.6	-2.6	-1.9	0.0	-0.2	0.0
-3.5	0.0	-1.8	0.0	-0.1	0.0
-3.4	0.0	-1.7	0.0	0.0	0.0

Yaw Rate Pre-Crash Data (Event 1)



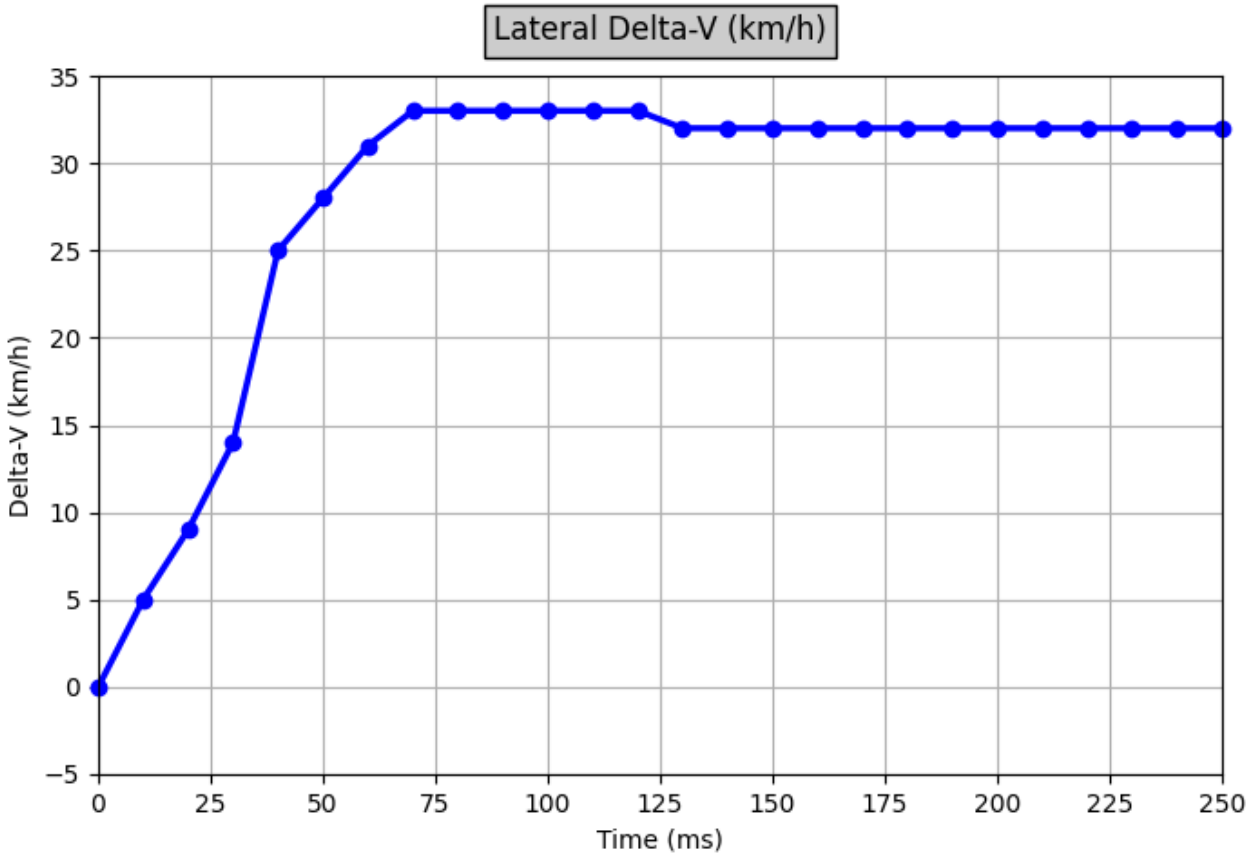
Time (s)	Yaw Rate (deg/s)	Time (s)	Yaw Rate (deg/s)	Time (s)	Yaw Rate (deg/s)
-5.0	0.0	-3.3	0.0	-1.6	0.0
-4.9	0.0	-3.2	0.0	-1.5	0.0
-4.8	0.0	-3.1	0.0	-1.4	0.0
-4.7	0.0	-3.0	0.0	-1.3	0.0
-4.6	0.0	-2.9	0.0	-1.2	0.0
-4.5	0.0	-2.8	0.0	-1.1	0.0
-4.4	0.0	-2.7	0.0	-1.0	0.0
-4.3	0.0	-2.6	0.0	-0.9	0.0
-4.2	0.0	-2.5	0.0	-0.8	0.0
-4.1	0.0	-2.4	0.0	-0.7	0.0
-4.0	0.0	-2.3	0.0	-0.6	0.0
-3.9	0.0	-2.2	0.0	-0.5	0.0
-3.8	0.0	-2.1	0.0	-0.4	0.0
-3.7	0.0	-2.0	0.0	-0.3	0.0
-3.6	0.0	-1.9	0.0	-0.2	0.0
-3.5	0.0	-1.8	0.0	-0.1	0.0
-3.4	0.0	-1.7	0.0	0.0	0.0

Longitudinal Delta-V (Event 1)



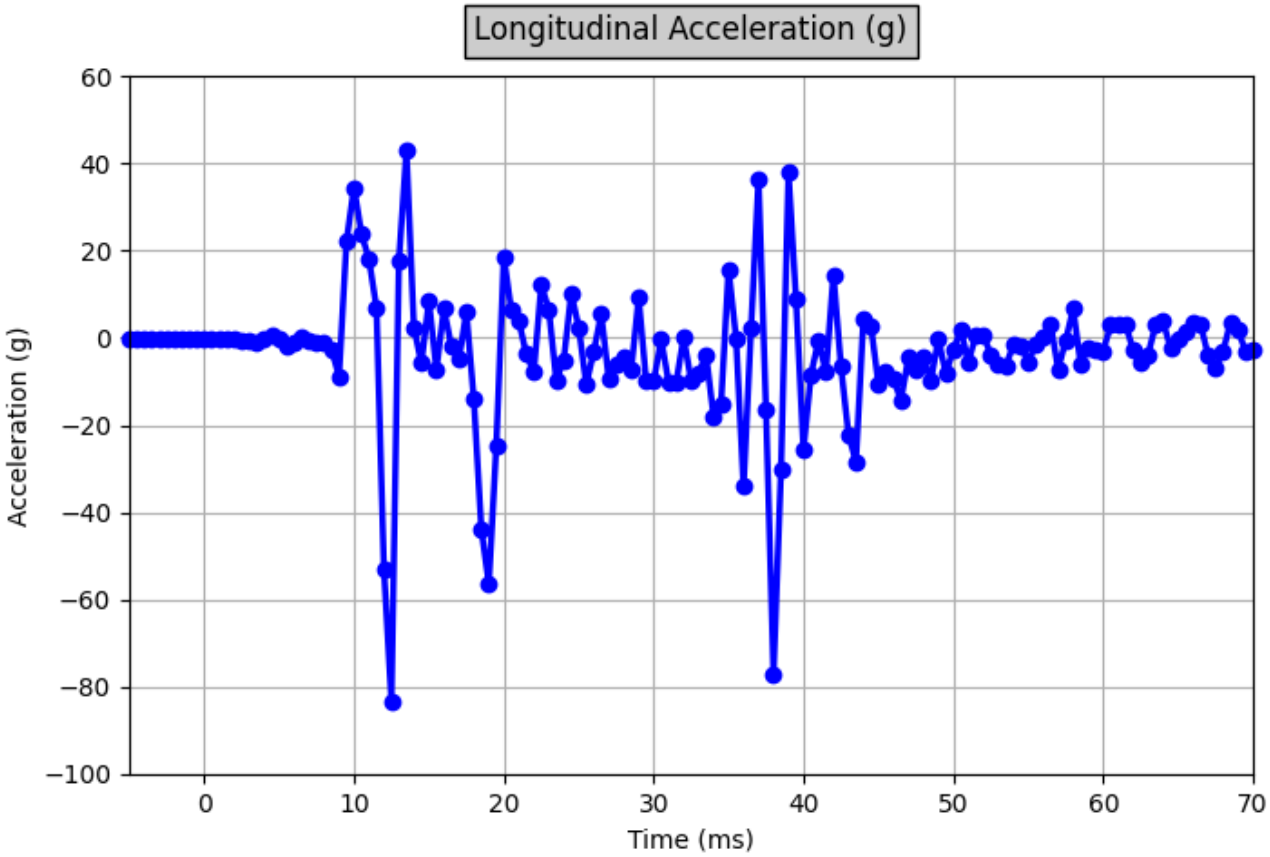
Time (ms)	Delta-V (km/h)	Time (ms)	Delta-V (km/h)
0	0	130	-9
10	0	140	-9
20	-1	150	-9
30	-2	160	-9
40	-5	170	-9
50	-7	180	-9
60	-8	190	-9
70	-8	200	-9
80	-8	210	-9
90	-9	220	-9
100	-9	230	-9
110	-9	240	-9
120	-9	250	-9

Lateral Delta-V (Event 1)



Time (ms)	Delta-V (km/h)	Time (ms)	Delta-V (km/h)
0	0	130	32
10	5	140	32
20	9	150	32
30	14	160	32
40	25	170	32
50	28	180	32
60	31	190	32
70	33	200	32
80	33	210	32
90	33	220	32
100	33	230	32
110	33	240	32
120	33	250	32

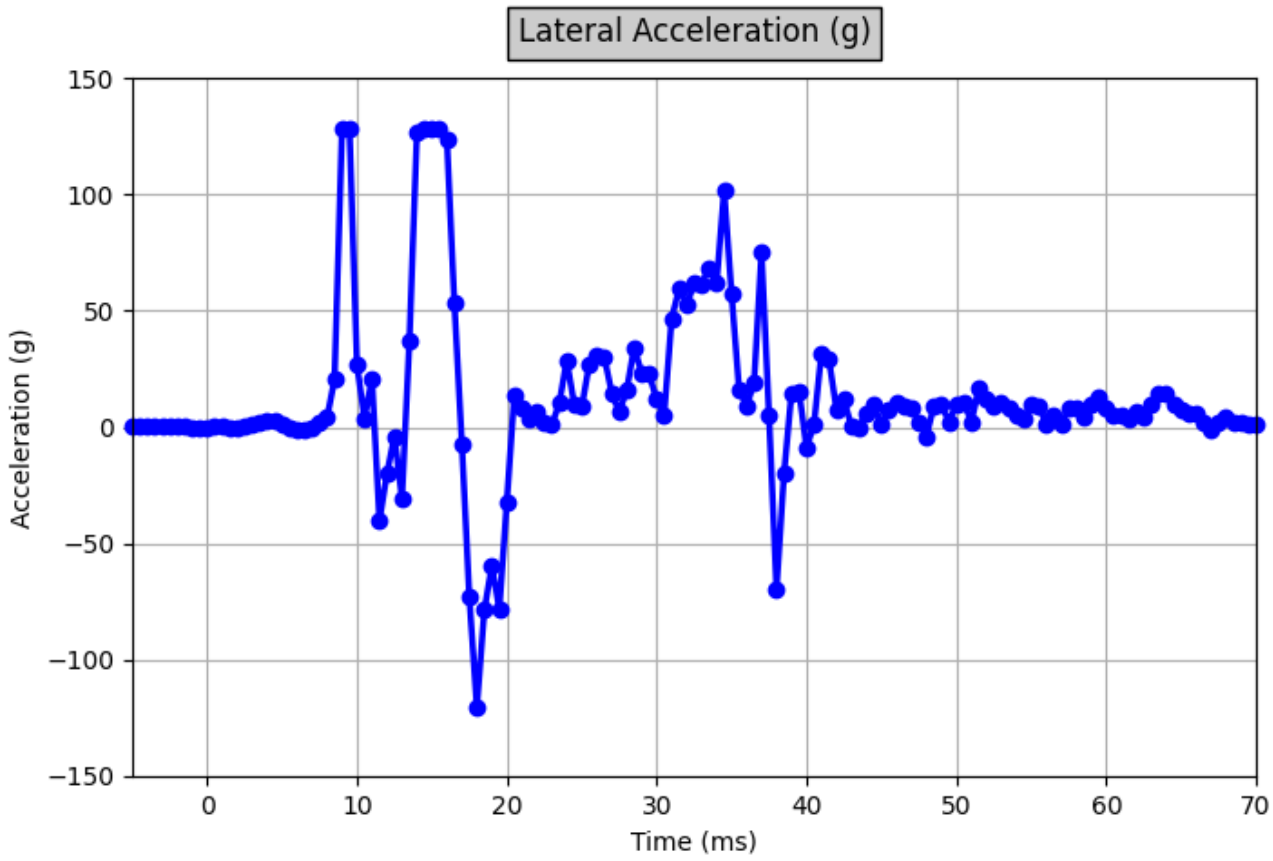
Longitudinal Acceleration (Event 1)



Longitudinal Acceleration Values (Event 1)

Time (ms)	Acceleration (g)	Time (ms)	Acceleration (g)	Time (ms)	Acceleration (g)	Time (ms)	Acceleration (g)
-5.0	-0.1	17.0	-5.0	39.0	37.9	61.0	3.1
-4.5	-0.1	17.5	5.9	39.5	8.8	61.5	3.1
-4.0	-0.1	18.0	-14.1	40.0	-25.6	62.0	-2.9
-3.5	-0.2	18.5	-43.8	40.5	-8.4	62.5	-5.8
-3.0	-0.2	19.0	-56.4	41.0	-0.7	63.0	-3.8
-2.5	-0.2	19.5	-24.6	41.5	-7.9	63.5	2.9
-2.0	-0.2	20.0	18.6	42.0	14.4	64.0	3.7
-1.5	-0.1	20.5	6.2	42.5	-6.5	64.5	-2.4
-1.0	-0.1	21.0	3.8	43.0	-22.1	65.0	-0.1
-0.5	-0.2	21.5	-3.7	43.5	-28.4	65.5	1.4
0.0	-0.3	22.0	-7.9	44.0	4.3	66.0	3.6
0.5	-0.2	22.5	12.1	44.5	2.8	66.5	3.1
1.0	-0.1	23.0	6.5	45.0	-10.6	67.0	-4.0
1.5	-0.2	23.5	-9.7	45.5	-7.8	67.5	-6.9
2.0	-0.3	24.0	-5.1	46.0	-9.2	68.0	-3.2
2.5	-0.5	24.5	10.2	46.5	-14.4	68.5	3.6
3.0	-0.6	25.0	2.4	47.0	-4.6	69.0	1.9
3.5	-1.1	25.5	-10.7	47.5	-7.5	69.5	-3.2
4.0	-0.3	26.0	-3.2	48.0	-4.3	70.0	-2.9
4.5	0.5	26.5	5.4	48.5	-9.9		
5.0	-0.3	27.0	-9.3	49.0	-0.3		
5.5	-1.8	27.5	-6.1	49.5	-8.2		
6.0	-0.9	28.0	-4.6	50.0	-2.8		
6.5	0.2	28.5	-7.4	50.5	1.9		
7.0	-0.6	29.0	9.1	51.0	-5.6		
7.5	-1.0	29.5	-9.9	51.5	0.5		
8.0	-0.9	30.0	-10.0	52.0	0.7		
8.5	-2.7	30.5	-0.4	52.5	-3.9		
9.0	-8.8	31.0	-10.2	53.0	-5.9		
9.5	22.1	31.5	-10.3	53.5	-6.5		
10.0	34.4	32.0	0.0	54.0	-1.7		
10.5	23.8	32.5	-9.7	54.5	-1.9		
11.0	18.0	33.0	-8.1	55.0	-5.5		
11.5	6.9	33.5	-3.9	55.5	-1.6		
12.0	-53.1	34.0	-18.1	56.0	0.1		
12.5	-83.3	34.5	-15.1	56.5	2.9		
13.0	17.7	35.0	15.7	57.0	-7.2		
13.5	42.9	35.5	-0.1	57.5	-0.6		
14.0	2.3	36.0	-34.1	58.0	6.6		
14.5	-5.8	36.5	2.1	58.5	-6.1		
15.0	8.4	37.0	36.4	59.0	-2.2		
15.5	-7.3	37.5	-16.6	59.5	-2.9		
16.0	6.6	38.0	-77.1	60.0	-3.1		
16.5	-1.9	38.5	-30.2	60.5	2.9		

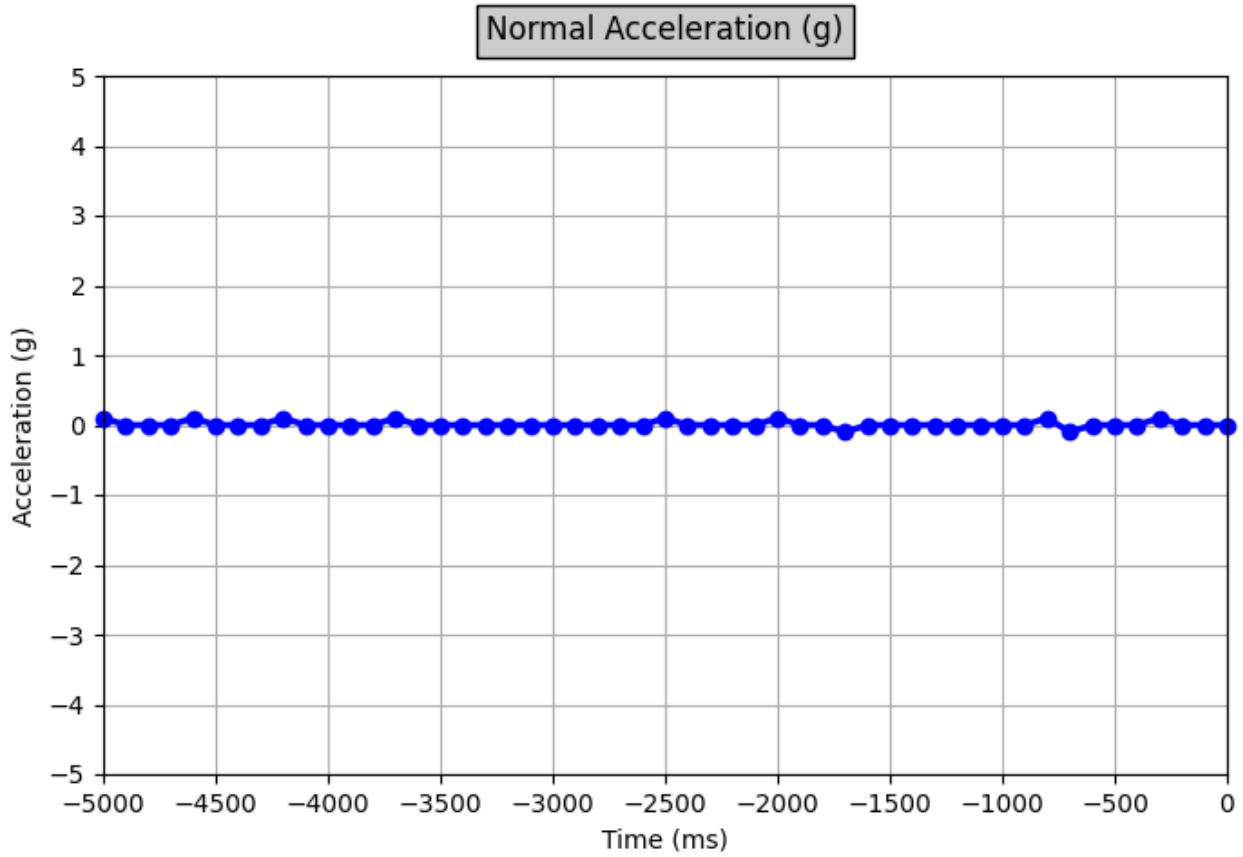
Lateral Acceleration (Event 1)



Lateral Acceleration Values (Event 1)

Time (ms)	Acceleration (g)	Time (ms)	Acceleration (g)	Time (ms)	Acceleration (g)	Time (ms)	Acceleration (g)
-5.0	0.1	17.0	-7.2	39.0	14.6	61.0	5.0
-4.5	0.1	17.5	-73.2	39.5	15.5	61.5	3.2
-4.0	0.1	18.0	-120.4	40.0	-8.9	62.0	6.4
-3.5	0.1	18.5	-78.6	40.5	1.1	62.5	4.2
-3.0	0.1	19.0	-59.7	41.0	31.9	63.0	9.5
-2.5	0.1	19.5	-78.1	41.5	28.9	63.5	14.5
-2.0	0.1	20.0	-32.4	42.0	7.6	64.0	14.4
-1.5	0.1	20.5	13.6	42.5	11.7	64.5	9.6
-1.0	0.0	21.0	8.2	43.0	0.3	65.0	7.3
-0.5	-0.1	21.5	3.8	43.5	-0.2	65.5	5.5
0.0	0.0	22.0	6.8	44.0	6.2	66.0	5.6
0.5	0.1	22.5	1.6	44.5	9.8	66.5	1.9
1.0	0.1	23.0	0.8	45.0	0.8	67.0	-0.9
1.5	0.0	23.5	10.2	45.5	7.7	67.5	1.7
2.0	-0.2	24.0	28.7	46.0	10.6	68.0	4.0
2.5	0.2	24.5	9.6	46.5	8.8	68.5	2.0
3.0	1.5	25.0	8.6	47.0	7.8	69.0	1.6
3.5	2.2	25.5	26.9	47.5	2.2	69.5	1.3
4.0	2.6	26.0	30.5	48.0	-4.1	70.0	1.4
4.5	2.4	26.5	30.2	48.5	9.1		
5.0	1.4	27.0	14.8	49.0	10.0		
5.5	-0.1	27.5	6.4	49.5	2.2		
6.0	-1.2	28.0	15.8	50.0	9.6		
6.5	-1.4	28.5	34.1	50.5	10.9		
7.0	-0.1	29.0	23.2	51.0	2.1		
7.5	1.9	29.5	22.7	51.5	16.5		
8.0	4.0	30.0	11.9	52.0	11.9		
8.5	20.4	30.5	5.2	52.5	9.0		
9.0	127.9	31.0	46.6	53.0	10.5		
9.5	127.9	31.5	59.5	53.5	7.8		
10.0	26.6	32.0	52.4	54.0	5.4		
10.5	3.7	32.5	61.6	54.5	3.3		
11.0	20.9	33.0	61.4	55.0	9.7		
11.5	-40.2	33.5	68.5	55.5	8.9		
12.0	-20.0	34.0	61.8	56.0	1.5		
12.5	-3.9	34.5	101.6	56.5	5.3		
13.0	-30.7	35.0	57.3	57.0	1.1		
13.5	37.1	35.5	16.2	57.5	8.1		
14.0	126.6	36.0	8.9	58.0	8.5		
14.5	127.9	36.5	19.1	58.5	3.9		
15.0	127.9	37.0	75.1	59.0	9.6		
15.5	127.9	37.5	5.0	59.5	12.7		
16.0	123.8	38.0	-69.6	60.0	8.1		
16.5	53.2	38.5	-20.0	60.5	4.9		

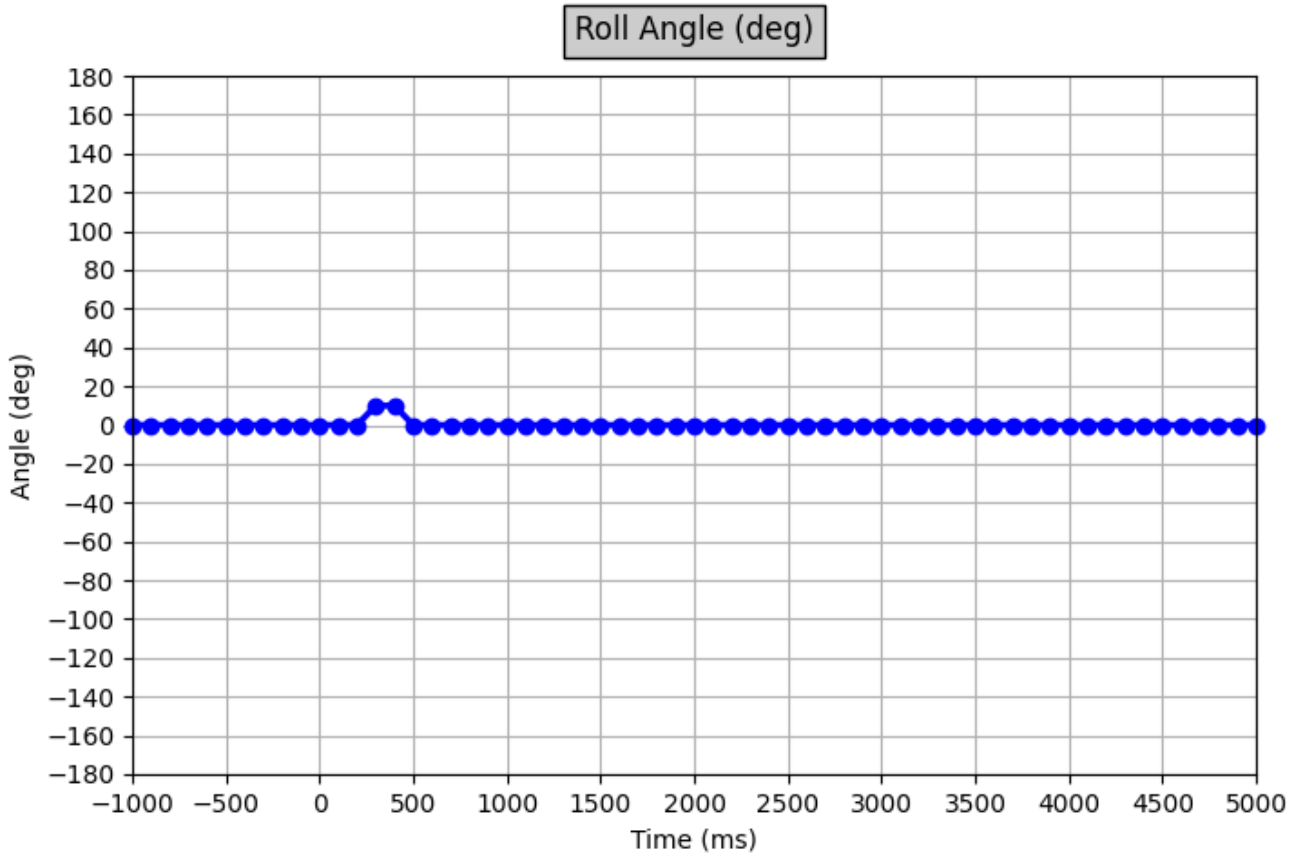
Normal Acceleration (Event 1)



Normal Acceleration Values (Event 1)

Time (ms)	Acceleration (g)	Time (ms)	Acceleration (g)	Time (ms)	Acceleration (g)
-5000	0.1	-3300	0.0	-1600	0.0
-4900	0.0	-3200	0.0	-1500	0.0
-4800	0.0	-3100	0.0	-1400	0.0
-4700	0.0	-3000	0.0	-1300	0.0
-4600	0.1	-2900	0.0	-1200	0.0
-4500	0.0	-2800	0.0	-1100	0.0
-4400	0.0	-2700	0.0	-1000	0.0
-4300	0.0	-2600	0.0	-900	0.0
-4200	0.1	-2500	0.1	-800	0.1
-4100	0.0	-2400	0.0	-700	-0.1
-4000	0.0	-2300	0.0	-600	0.0
-3900	0.0	-2200	0.0	-500	0.0
-3800	0.0	-2100	0.0	-400	0.0
-3700	0.1	-2000	0.1	-300	0.1
-3600	0.0	-1900	0.0	-200	0.0
-3500	0.0	-1800	0.0	-100	0.0
-3400	0.0	-1700	-0.1	0	0.0

Roll Angle Data (Event 1)



Roll Angle Values (Event 1)

Time (ms)	Angle (deg)	Time (ms)	Angle (deg)	Time (ms)	Angle (deg)	Time (ms)	Angle (deg)
-1000	0	800	0	2600	0	4400	0
-900	0	900	0	2700	0	4500	0
-800	0	1000	0	2800	0	4600	0
-700	0	1100	0	2900	0	4700	0
-600	0	1200	0	3000	0	4800	0
-500	0	1300	0	3100	0	4900	0
-400	0	1400	0	3200	0	5000	0
-300	0	1500	0	3300	0		
-200	0	1600	0	3400	0		
-100	0	1700	0	3500	0		
0	0	1800	0	3600	0		
100	0	1900	0	3700	0		
200	0	2000	0	3800	0		
300	10	2100	0	3900	0		
400	10	2200	0	4000	0		
500	0	2300	0	4100	0		
600	0	2400	0	4200	0		
700	0	2500	0	4300	0		

Serial Numbers

Sensor Number	Sensor Type	Serial Number
1	RCM Serial Number	2C40058778AB11
2	Front Left Crash Sensor	D63292F0FFFF
3	Front Middle Left Crash Sensor	614481D0FFFF
4	Front Middle Right Crash Sensor	467546F0FFFF
5	Front Right Crash Sensor	4671B470FFFF
6	Left Side Impact Crash Sensor (B-Pillar)	047570A0FFFF
7	Right Side Impact Crash Sensor (B-Pillar)	01E25030FFFF
8	Front Left Side Door Pressure Sensor	279194A0FFFF
9	Front Right Side Door Pressure Sensor	2551C030FFFF
10	Rear Left Side Door Pressure Sensor	ABB1D350FFFF
11	Rear Right Side Door Pressure Sensor	DA638220FFFF

Hexadecimal Data

5817

0000	00	15	7D	7C	7D	7D	7D	7D	7D	7D	7D	7D	7D	7D	7E	7E	7D	7D	7D	7D	7D	7E	7D	7C	7D	7C	7C	7D
0028	7D	7E	7D	7E	7D	7D	7C	7D	7D	7D	7E	7D	7D	7D	7D	7D	7D	7D	7D	7D	7D	7D	7D	7E	7D	7D	7D	7D
0056	7D	7D	7D	7D	7E	7E	7E	7D	7D	7D	7C	7D	7D	7E	7D	7D	7D	00	16	80	00	80	00	80	00	80	00	80
0084	00	80	00	80	00	80	00	7F	FF	7F	FE	7F	FF	80	00	80	00	7F	FF	7F	FC	80	02	80	17	80	22	80
0112	28	80	26	80	15	7F	FD	7F	EB	7F	E9	7F	FD	80	1D	80	3F	81	45	87	FE	87	FE	81	A9	80	3A	81
0140	4D	7D	7C	7E	BF	7F	C1	7E	14	82	50	87	E9	87	FE	87	FE	87	FE	87	BB	83	53	7F	8C	7B	6B	78
0168	79	7B	16	7C	44	7B	1E	7D	F9	80	D9	80	83	80	3B	80	6B	80	19	80	0B	80	A2	81	CA	80	99	80
0196	89	81	AE	81	E7	81	E3	80	EC	80	66	80	FB	82	21	81	72	81	6A	80	BD	80	53	82	E8	83	B7	83
0224	45	83	D9	83	D5	84	47	83	DB	86	59	83	94	81	02	80	8D	81	30	84	B1	80	4F	7B	A5	7E	BF	80
0252	E9	80	F7	7F	70	80	11	81	FE	81	CE	80	79	80	BA	80	04	7F	FB	80	63	80	9B	80	0C	80	7A	80
0280	A9	80	8C	80	7B	80	22	7F	BD	80	91	80	9F	80	23	80	98	80	AE	80	20	81	07	80	BD	80	8F	80
0308	A7	80	7C	80	56	80	34	80	9A	80	8E	80	17	80	54	80	10	80	81	80	87	80	3D	80	98	80	CA	80
0336	81	80	4D	80	4F	80	32	80	66	80	42	80	97	80	E7	80	E5	80	99	80	74	80	57	80	58	80	1D	7F
0364	F0	80	1A	80	3F	80	1F	80	19	80	14	80	16	00	17	7F	FD	7F	FD	7F	FD	7F	FC	7F	FC	7F	FC	7F
0392	FC	7F	FD	7F	FD	7F	FB	7F	FA	7F	FB	7F	FD	7F	FC	7F	FA	7F	F7	7F	F6	7F	EE	7F	FA	80	07	7F
0420	FA	7F	E2	7F	F1	80	03	7F	F6	7F	EF	7F	F0	7F	D4	7F	73	81	61	82	25	81	7C	81	1F	80	6D	7C
0448	AD	7A	CA	81	1A	82	AD	80	24	7F	A3	80	85	7F	8A	80	68	7F	E0	7F	AF	80	5E	7F	1D	7D	42	7C
0476	78	7E	75	81	29	80	63	80	3B	7F	C4	7F	81	80	C0	80	67	7F	64	7F	AD	80	A2	80	26	7F	54	7F
0504	CB	80	55	7F	6A	7F	9E	7F	B5	7F	89	80	91	7F	60	7F	5F	7F	F9	7F	5C	7F	5A	7F	FF	7F	64	7F
0532	7E	7F	C0	7E	DD	7F	0E	80	FA	7F	FD	7D	DD	80	20	82	45	7E	F6	7B	2D	7E	1B	82	5E	80	8B	7E
0560	66	7F	79	7F	F4	7F	81	80	E5	7F	97	7E	9D	7E	38	80	44	80	2B	7F	56	7F	82	7F	6C	7F	19	7F
0588	B6	7F	87	7F	BA	7F	61	7F	FA	7F	7C	7F	D3	80	1D	7F	A5	80	07	80	0A	7F	C0	7F	A1	7F	97	7F
0616	E4	7F	E1	7F	A7	7F	E5	80	00	80	2D	7F	8C	7F	F6	80	69	7F	9E	7F	DC	7F	D0	7F	CD	80	2E	80
0644	31	80	30	7F	D1	7F	A3	7F	C2	80	2D	80	3A	7F	D9	7F	FD	80	16	80	39	80	30	7F	BF	7F	91	7F
0672	CB	80	39	80	1D	7F	CB	7F	D1	00	19	7E	7D	7A	7D	7D	7E	7E	7D	7D	7C	7E	7F	7E	7B	7D	7E	7B
0700	7F	7D	7D	7D	7D	7D	7D	7E	7E	7C	7E	80	7E	7C	7C	80	7A	7A	7D	7C	7D	7D	7D	7E	7D	7D	7D	7D
0728	7F	7D	7F	7D	7D	7C	7C	7D	7F	7F	80	7D	7F	7E	7D	7B	7D	7C	7D	7D	7D	7F	7D	7D	7D	7D	00	1B
0756	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	80	80	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F
0784	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F
0812	7F	7F	7F	7F	7F	00	1F	80	80	7F	7E	7B	79	78	78	78	77	77	77	77	77	77	77	77	77	77	77	77
0840	77	77	77	77	77	00	20	80	85	89	8E	99	9C	9F	A1	A1	A1	A1	A1	A1	A0	A0	A0	A0	A0	A0	A0	A0
0868	A0	A0	A0	A0	A0	00	21	77	00	22	A1	00	23	00	24	00	24	00	1C	00	25	00	24	00	28	FF	FF	00
0896	29	00	09	00	2D	01	00	30	FF	FF	00	33	00	22	00	34	00	27	00	36	00	00	38	FF	FF	00	39	FF
0924	FF	00	3B	00	00	3D	00	06	00	3E	00	06	00	3F	00	06	00	41	FF	FF	00	42	00	22	00	43	FF	FF
0952	00	47	01	00	48	FF	00	4B	00	00	4C	21	00	4D	00	00	4F	80	00	5B	00	00	00	00	00	00	00	00
0980	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
1008	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	5C	00	00	00	00	00	00	00	00	00	00
1036	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	5D	00	00	00	01	00	00	00	00	00	00
1064	00	00	00	00	00	00	00	00	00	01	00	00	00	01	00	01	00	00	00	01	FF	FF	00	00	FF	FE	00	00
1092	FF	FE	00	01	FF	FF	00	01	00	00	00	00	FF	FC	00	5E	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD
1120	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD
1148	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD	1F	DD	00	5F	01	01	01	01	01	01	01	01	01	01	01	01	01	01
1176	01	01	01	01	01	01	01	01	01	01	01	01	00	60	00	00	00	00	00	00	00	00	00	00	00	00	00	00
1204	00	00	00	00	00	00	00	00	00	00	00	00	00	61	02	02	02	02	02	02	02	02	02	02	02	02	02	02
1232	02	02	02	02	02	02	02	02	02	02	02	02	00	65	00	22	00	66	FF	FF	00	6D	00	06	00	6E	FF	FF
1260	01	11	FF	FF	03	E8	01	03	E9	00	A7	03	EA	00	A7	03	F2	00	00	89	88	01	F5	00	00	01	F6	00
1288	00	01	F7	00	00	01	F8	03	9A	59	FA	01	F9	E7	88	64	12	01	FA	C1	0F	87	28	CD	56	87	28	CC
1316	5D	87	28	C0	45	00	28	56	07	87	28	C5	57	87	28	C0	02	87	28	C9	5A	87	28	C6	57	87	28	80
1344	93	13	28	80	94	13	28	FE	5C	87	28	80	01	1A	28	C7	58	F1	28	C8	59	F1	28	01	FC	00	00	04
1372	7A	02	00	10	05	02	01	7F	C9	02	02	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1400	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	03	00	02	06	00	47	02	07	7D	7D	7C	7D	7D	7D	7D	7E
1428	7C	7D	7C	7E	7D	7C	7E	7D	7D	7D	7D	7E	7D	7D	7C	7D	7D	7C	7D	7D	7E	7D	7D	7C	7D	7D	7E	7D
1456	7D	7D	7D	7E	7D	7C	7D	7D	7D	7D	7D	7D	7E	7D	7D	02	08	7D	7D	7D	7D	7D	7D	7E	7E	7D	7D	7E
1484	7D	7D	7D	7D	7D	7D	7D	7E	7E	7D	7E	7D	7C	7D	7D	7E	7E	7D	7D	7E	7E	7D	7D	7E	7D	7D	7E	7D
1512	7D	7D	7D	7C	7D	7D	7D	7E	7E	7E	7D	7C	02	09	7F	7E	7C	7D	7F	7D	7C	7C	80	7D	7D	7C	7D	7F
1540	7D	7C	7E	7D	7D	7D	7E	7D	7E	7D	7D	7F	7C	7D	7E	7E	7F	7D	7E	7A	7C	7D	7D	7D	7D	7C	7D	7D
1568	80	7A	7D	7D	7D	7F	7E	7D	7D	02	0A	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F
1596	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F
1624	7F	7F	7F	7F	7F	7F	02	0B	7F	7F	7E	7F	7F	7F	7E	7F	80	7F	7E	7F	80	7F	7E	7F	7F	7F	7F	7F
1652	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F

5817 Continued

1680	7F	7F	7F	02	0C	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F
1708	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F
1736	02	0D	FF	02	0E	00	02	0F	0F	02	10	2F	02	11	B9	DC	29	77	02	12	FF	02	13	FF	02	14	FF	02
1764	15	00	00	04	5D	02	16	FF	02	17	7F	FF	7F	FF	7F	FF	7F	FF	7F	FE	7F	FE	7F	FF	7F	FE	7F	FD
1792	80	00	7F	FF	7F	FD	7F	FF	7F	FF	7F	FF	7F	F2	80	10	80	02	7F	F6	80	02	7F	FB	7F	FA	80	02
1820	80	08	7F	F4	80	07	7F	D7	80	16	7F	E8	80	01	7F	FF	7F	F5	7F	FB	7F	F2	7F	FA	7F	F0	7F	E4
1848	7F	FD	7F	E7	7F	D9	7F	EA	7F	FE	80	02	7F	F2	7F	DD	7F	FB	7F	F2	7F	F1	7F	F5	7F	F0	7F	FE
1876	7F	E3	7F	F3	7F	F3	7F	F9	7F	F1	7F	FC	7F	FD	7F	F6	7F	FE	7F	EB	7F	F9	7F	F2	80	06	7F	F2
1904	7F	FA	80	19	80	02	7F	F9	7F	F5	7F	F7	80	0E	7F	FE	80	08	7F	F6	80	12	02	18	7F	FF	7F	FF
1932	7F	FF	7F	FF	7F	FF	7F	FF	7F	FF	7F	FF	7F	FF	7F	FF	7F	FD	7F	FD	7F	FF	7F	FF	80	00	7F	F9
1960	7F	F5	7F	E4	7F	F8	80	0E	7F	E1	80	07	7F	DF	7F	FB	7F	E8	80	07	80	0B	7F	DA	80	2B	7F	D0
1988	7F	F7	80	13	7F	DF	80	15	7F	E2	7F	F1	7F	FB	80	06	80	13	7F	F5	80	04	7F	E6	7F	E6	80	03
2016	7F	FB	80	0A	7F	E9	80	12	7F	F8	7F	FE	80	04	7F	F8	80	07	80	0D	80	03	7F	F9	7F	E6	80	08
2044	7F	F4	80	03	80	02	7F	F5	7F	FE	7F	F4	80	08	80	04	7F	F2	7F	F9	7F	FE	7F	FB	80	14	7F	F5
2072	7F	F3	7F	EE	7F	F7	7F	FF	02	19	7F	FF	7F	FF	7F	FE	7F	FF	7F	FF	7F	FE	7F	FF	7F	FF	7F	FF
2100	80	00	80	00	7F	FF	7F	FE	7F	FE	80	01	80	01	80	18	7F	FF	7F	DD	7F	D0	7F	D5	7F	F0	80	09
2128	7F	FD	7F	EC	7F	D8	7F	E5	7F	DF	7F	D5	7F	DF	7F	CB	7F	C1	7F	BB	7F	CE	7F	D0	7F	E7	7F	F0
2156	7F	E8	7F	D6	7F	E8	7F	E2	7F	F0	7F	FD	7F	E3	7F	C1	7F	B2	7F	BC	7F	DB	7F	F6	7F	FF	7F	F5
2184	7F	E0	7F	DA	7F	E5	7F	F4	7F	F8	7F	EE	7F	EE	7F	F9	80	01	80	02	80	0E	80	01	7F	F5	7F	F5
2212	80	00	80	06	80	0C	80	0D	80	07	80	01	80	04	80	08	7F	FC	80	05	7F	EE	02	1A	7F	FF	7F	FF
2240	7F	FF	7F	FF	7F	FF	7F	FF	7F	FE	7F	FF	7F	FE	7F	FD	7F	FD	7F	FD	7F	FF	80	00	80	00	7F	FB
2268	7F	D4	7F	FA	80	27	80	25	80	25	80	09	7F	E8	7F	ED	80	0D	80	28	80	1F	80	17	80	20	80	23
2296	80	35	80	3A	80	37	80	23	80	24	80	15	80	0D	80	0F	80	17	80	06	80	13	80	0A	80	05	80	13
2324	80	37	80	45	80	3E	80	20	80	08	7F	F7	7F	FE	80	21	80	1A	80	10	80	07	80	0A	80	05	80	09
2352	80	04	7F	F9	7F	F5	7F	F0	7F	F9	80	02	80	09	80	01	7F	F5	7F	F5	7F	F4	7F	F5	7F	FB	7F	FB
2380	7F	FE	7F	F1	7F	FB	80	07	02	1B	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
2408	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
2436	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	1C	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
2464	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
2492	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	1D	7F	7F	7F	7F
2520	80	81	85	9C	95	6D	67	60	8E	B2	F7	F3	74	15	7F	C3	F7	F2	BC	7F	07	85	BF	95	6B	55	85	5A
2548	B5	66	BA	A5	C6	D0	99	93	A5	A8	4E	8E	90	62	99	8B	7F	9C	93	83	7A	7F	6E	7D	76	85	79	7C
2576	89	02	1E	7F	7F	7F	7F	7F	7F	7F	7F	7F	80	82	80	7E	7F	8C	F7	C0	78	2C	E8	84	F7	C1	4F	70
2604	39	94	9C	6C	84	73	98	A1	7F	C2	8A	95	C2	B4	C3	D4	78	9B	68	7E	7E	8D	92	81	83	74	9E	79
2632	87	80	8F	8E	79	99	75	87	02	1F	33	33	33	33	33	33	35	38	3C	4C	57	64	7D	9A	AD	CC	CC	CC
2660	CC	CC	CC	C7	C2	CC	CB	BC	B0	95	9E	93	9A	A3	A1	88	88	7C	77	76	70	65	6A	60	5D	56	53	54
2688	49	42	3F	3B	3A	3E	3C	3A	3E	3E	3D	48	40	3E	36	02	20	33	33	33	33	33	33	33	33	33	33	33
2716	33	33	33	33	33	33	33	33	33	34	36	3D	3D	36	32	32	36	3A	36	23	15	16	1D	22	1E	24	2E	2F
2744	34	38	37	33	33	2E	30	2D	30	2A	25	22	26	2D	36	38	3A	3C	3C	3F	3F	3F	02	21	7F	7F	7F	7F
2772	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F
2800	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F
2828	7F	7F	7F	7F	7F	7F	7F	7F	7F	7E	7F	02	22	00	51	02	23	00	00	5B	5F	02	24	01	02	25	03	02
2856	26	03	03	03	03	03	03	03	03	03	03	03	02	27	00	00	00	00	00	00	00	00	00	00	00	00	00	00
2884	00	00	02	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
2912	00	00	00	00	00	00	00	00	02	29	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	02	2A
2940	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	02	2B	00	00	00	00	00	00	00	00	00	00
2968	00	00	00	00	00	00	02	2C	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
2996	00	00	00	00	00	00	00	00	00	00	00	00	02	2D	FF	02	2E	00	02	2F	00	46	02	30	00	A5	02	31
3024	00	9C	02	32	20	02	33	0D	15	0A	11	00	00	00	00	06	08	00	00	0F	1A	17	17	05	07	00	00	0A
3052	0C	00	00	00	00	00	00	FF	FF	FF	FF	0A	19	00	00	FF	FF	07	0A	00	00	FF	FF	FF	FF	FF	FF	FF
3080	FF	FF	FF	06	08	00	00	FF	FF	FF	FF	FF	FF	FF	FF	02	34	00	00	00	00	00	00	00	00	00	00	00
3108	00	00	00	00	00	02	35	01	02	36	03	02	37	06	02	38	06	02	39	00	DB	00	4E	01	00	52	00	00
3136	53	00	00	54	00	00	55	00	00	57	00	01	20	00	01	21	00	01	22	00	01	23	00	01	24	00	02	3A
3164	00	02	3B	FF	FF	02	3C	00	40	02	3D	FF	FF	02	3E	FF	FF	02	3F	FF	FF	02	40	FF	FF	02	41	FF
3192	FF	02	42	FF	FF	02	43	FF	FF	02	44	FF	FF	02	45	FF	FF	02	46	FF	FF	02	47	FF	FF	02	48	FF
3220	FF	02	49	FF	FF	02	4A	FF	FF	02	4B	00	03	E7	00	01	00	00	00	00	00	01	00	01	00	00	00	00
3248	00	00	00	01	00	00	00	27	00	00	01	00	00	00	00	00	04	00	02	00	03	00	5A	00	00	00	5A	00
3276	FF	F3	FF	03	00	00	00	00	FF	3F	1B	0C	CF	C3	BE	00	02	2E	A9	1B	13	00	00	00	5F	FF	FF	FF
3304	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	00	12	00	31	FF	FF	FF	FF	FF	FF	FF	FF	FF
3332	FF	10	05	7F	C9	FF	FF	FF	FF	00	1A	00	C8	00	00	00	BD	00	15	00	18	FF	FF	FF	FF	00	E6	FF
3360	FF	00	12	00	31	FF	FF	00	00	39	CC	00	00	48	5D	00	00	48	5D	00	00	48	5D	00	00	48	5D	FF

5817 Continued

3388	FF	FF	FF	00	00	39	CC	00	00	39	CC	00	1A	00	C8	00	41	00	45	00	45	00	45	00	45	FF	FF	00
3416	41	00	41	00	15	00	1C	00	1C	00	1C	00	1C	FF	FF	00	15	00	15	02	78	02	78	02	78	02	78	02
3444	78	00	00	02	78	02	78	00	30	FF	FF	00	1A	FF	FF	00	41	00	45	00	45	00	45	00	45	FF	FF	0A
3472	07	00	C7	00	79	FF	FF	00	70	00	00	00	00	00	00	02	10	11	11	11	11	FF	33	00	00	00	00	00
3500	00	44	4C	4C	4C	4C	FF	92	00	15	00	18	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	00	15	FF	0E	00	17
3528	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	BD	FF	FF	FF	FF	FF	FF	FF	FF
3556	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
3584	FF	FF	FF	FF	00	01	FF	FF	FF	FA	FF	FF	00	00	FF	FF	00	0E	FF	FF	FF	FF	00	05	FF	FF	FF	FF
3612	FF	FF	00	43	FF	FF	FF	FF	FF	FF	00	10	00	0E	00	0C	00	61	00	32	00	6D	00	99	00	0C	00	15
3640	00	11	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	00	14	FF	FF	FF	FF
3668	00	65	00	4D	01	FF	FF	FF	FF	FF	FF	FF	FF	00	00	00	00	06	FF	FF	FF	14	FF	FF	FF	FF	FF	00
3696	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
3724	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
3752	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
3780	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
3808	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
3836	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF																	

5818

0000	00	15	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
0028	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
0056	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	00	16	FF	FF	FF	FF	FF	FF	FF	FF	FF
0084	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
0112	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
0140	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
0168	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
0196	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
0224	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
0252	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
0280	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
0308	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
0336	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
0364	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	00	17	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0392	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
0420	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
0448	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
0476	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
0504	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
0532	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
0560	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
0588	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
0616	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
0644	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
0672	FF	FF	FF	FF	FF	FF	FF	FF	FF	00	19	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0700	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
0728	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	1B
0756	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
0784	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
0812	FF	FF	FF	FF	FF	00	1F	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0840	FF	FF	FF	FF	FF	00	20	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0868	FF	FF	FF	FF	FF	00	21	FF	00	22	FF	00	23	FF	FF	00	24	FF	FF	00	25	FF	FF	00	28	FF	FF	00
0896	29	FF	FF	00	2D	FF	00	30	FF	FF	00	33	FF	FF	00	34	FF	FF	00	36	FF	00	38	FF	FF	00	39	FF
0924	FF	00	3B	FF	00	3D	FF	FF	00	3E	FF	FF	00	3F	FF	FF	00	41	FF	FF	00	42	FF	FF	00	43	FF	FF
0952	00	47	FF	00	48	FF	00	4B	FF	00	4C	FF	00	4D	FF	00	4F	FF	00	5B	FF	FF	FF	FF	FF	FF	FF	FF
0980	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
1008	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	00	5C	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1036	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	00	5D	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1064	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
1092	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	00	5E	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1120	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
1148	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	00	5F	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

5818 Continued

1176	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	00	60	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1204	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	00	61	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1232	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	00	65	FF	FF	00	66	FF	FF	00	6D	FF	FF	00	6E	FF	FF
1260	01	11	FF	FF	03	E8	FF	03	E9	FF	FF	03	EA	FF	FF	03	F2	FF	FF	FF	FF	01	F5	FF	FF	01	F6	FF
1288	FF	01	F7	FF	FF	01	F8	FF	FF	FF	FF	01	F9	FF	FF	FF	FF	01	FA	FF	FF	FF	FF	FF	FF	FF	FF	FF
1316	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
1344	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	01	FC	FF	FF	FF
1372	FF	02	00	FF	FF	02	01	FF	FF	02	02	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1400	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	03	FF	02	06	FF	FF	02	07	FF	FF	FF	FF	FF	FF	FF	FF
1428	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
1456	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	08	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1484	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
1512	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	09	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1540	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
1568	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	0A	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1596	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
1624	FF	FF	FF	FF	FF	FF	02	0B	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1652	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
1680	FF	FF	FF	02	0C	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1708	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
1736	02	0D	FF	02	0E	FF	02	0F	FF	02	10	FF	02	11	FF	FF	FF	FF	02	12	FF	02	13	FF	02	14	FF	02
1764	15	FF	FF	FF	FF	02	16	FF	02	17	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
1792	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
1820	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
1848	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
1876	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
1904	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	18	FF	FF	FF	FF	
1932	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
1960	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
1988	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
2016	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
2044	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
2072	FF	FF	FF	FF	FF	FF	FF	FF	02	19	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
2100	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
2128	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
2156	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
2184	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
2212	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	1A	FF	FF	FF	FF
2240	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
2268	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
2296	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
2324	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
2352	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
2380	FF	FF	FF	FF	FF	FF	FF	FF	02	1B	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
2408	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
2436	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	1C	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
2464	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
2492	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	1D	FF	FF	FF	FF
2520	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
2548	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
2576	FF	02	1E	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
2604	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
2632	FF	FF	FF	FF	FF	FF	FF	FF	02	1F	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
2660	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
2688	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	20	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
2716	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
2744	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	21	FF	FF	FF	FF
2772	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
2800	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
2828	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	22	FF	FF	02	23	FF	FF	FF	FF	02	24	FF	02	25	FF	02
2856	26	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	27	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

5818 Continued

2884	FF	FF	02	28	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
2912	FF	FF	FF	FF	FF	FF	FF	FF	02	29	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	2A
2940	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	2B	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
2968	FF	FF	FF	FF	FF	FF	02	2C	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
2996	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	2D	FF	02	2E	FF	02	2F	FF	FF	02	30	FF	FF	02	31
3024	FF	FF	02	32	FF	02	33	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
3052	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
3080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	02	34	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
3108	FF	FF	FF	FF	FF	02	35	FF	02	36	FF	02	37	FF	02	38	FF	02	39	FF	FF	00	4E	FF	00	52	FF	00
3136	53	FF	00	54	FF	00	55	FF	00	57	FF	01	20	FF	01	21	FF	01	22	FF	01	23	FF	01	24	FF	02	3A
3164	FF	02	3B	FF	FF	02	3C	FF	FF	02	3D	FF	FF	02	3E	FF	FF	02	3F	FF	FF	02	40	FF	FF	02	41	FF
3192	FF	02	42	FF	FF	02	43	FF	FF	02	44	FF	FF	02	45	FF	FF	02	46	FF	FF	02	47	FF	FF	02	48	FF
3220	FF	02	49	FF	FF	02	4A	FF	FF	02	4B	FF	03	E7	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
3248	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
3276	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
3304	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
3332	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
3360	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
3388	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
3416	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
3444	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
3472	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
3500	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
3528	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
3556	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
3584	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
3612	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
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3668	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
3696	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
3724	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
3752	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
3780	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
3808	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
3836	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF																	

F014

31 35 31 32 38 37 36 2D 30 30 2D 41

F015

32 43 34 30 30 35 38 37 37 38 41 42 31 31

F190

35 59 4A 59 47 44 45 45 35 4C 46 30 30 30 30 30 30

FE01

00 00 00 00 00 00 00 00 0B 33 32 D6 32 92 F0

FE02

00 00 00 00 00 00 00 00 0A 53 52 61 44 81 D0

FE04

00 00 00 00 00 00 00 00 0C 73 6F 46 75 46 F0

FE05

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FE06

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FE07

00 00 00 00 00 00 00 00 0A 90 02 01 E2 50 30

FE0C

00 00 00 00 00 00 00 00 0B D3 50 27 91 94 A0

FE0D

00 00 00 00 00 00 00 00 09 F3 5C 25 51 C0 30

FE0E

00 00 00 00 00 00 00 00 09 D2 72 AB B1 D3 50

FE0F

00 00 00 00 00 00 00 00 09 93 60 DA 63 82 20

13 DD 12 63 6B 2A AA 17 60 73 70 AD 68 4E 0E A9 79 4F 7B 99 FC 5E E9 8E 1D A2 A9 9A 50 FE F9 07

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