

EDR Event Example Report

Executive summary

Recorded event

EVENT 2 RECORDED

Rear event - integrity flag valid



Generic vehicle illustration - not the recorded vehicle

Vehicle class	Passenger vehicle	Event type	Rear
Recorded year	2021	Event number	2
Mileage	105,650 km	VIN	WV1***0217
Record scope	Sanitized example	Data integrity	83/83 fields decoded

Recorded event metrics

113 km/h

Speed at -5.0 s

1 km/h

Speed at event

21 km/h

Max longitudinal delta-v

1 km/h

Max lateral delta-v

1

Event indicators

Indicator	Recorded state	Indicator	Recorded state
Pre-event window	113 km/h at -5.0 s	Driver belt	Not fastened
Speed at event	1 km/h	Passenger belt	Not available
Service brake	Active at -2.5 s and -2.0 s	Driver airbag	Not deployed
Anti-lock braking	Active during deceleration	Passenger airbag	Not deployed

This report uses a sanitized recorded event. Exact date/time and acquisition identifiers are omitted.
It is an example presentation and does not replace a qualified forensic assessment.

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Before. Impact. After.

Recorded pre-event states and impact waveforms from the sanitized EDR example.



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Event timeline

Time	Recorded state	Interpretation
-5.0 s	Speed 113 km/h	Pre-event recording window begins
-3.0 s	Accelerator 0%	Accelerator input released
-2.5 s	Brake on; ABS active; 102 km/h	Strong deceleration begins
-2.0 s	Brake on; 67 km/h	Deceleration continues
-1.0 s	ABS active; 7 km/h	Low-speed pre-event state
0 s	Event 2 recorded; 1 km/h	Rear event record created
+290 ms	Max longitudinal delta-v 21 km/h	Recorded event maximum

Integrity check: 83/83 returned fields decoded; CRC validity flag retained.

Sensitive acquisition details are intentionally not included in this example.

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Methodology and data scope

DIAGX converts recorded EDR fields into synchronized, human-readable event tables and charts. This example retains event measurements and validity results while excluding identifying acquisition metadata. Interpretation should be combined with scene evidence, vehicle inspection and qualified expert analysis.

Data group	Status	Included scope
Pre-event series	Available	Speed, brake, ABS, accelerator, steering and engine speed
Impact waveform	Available	Longitudinal and lateral delta-v with acceleration samples
Occupant status	Available	Belt, pretensioner, airbag and warning states
Record integrity	Valid	CRC flag, record count and decode completeness

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Integrity and privacy controls

Control	Result	Evidence
Input record validity	Valid	CRC validity flag recorded as true
Field decode	Complete	83 of 83 returned fields decoded
Partial fields	0	No partially decoded fields in the example
Unsupported fields	0	No unsupported returned fields in the example
Sensitive metadata	Omitted	Source filenames, acquisition identifiers and exact date/time excluded

Report scope

Includes a sanitized recorded event, pre-event states, impact waveforms, occupant status and integrity results.

The VIN masks ten original characters with ****. Vehicle image and vehicle class are illustrative and generalized.

Data availability varies by vehicle, model year, region and configuration.