

KING DESIGN INDUSTRIAL CO., LTD.

RELIABILITY TEST LABORATORY

5F, NO. 3, Lane 270, Pei Shen Road Sec. 3,

<http://www.kdi.tw>

Shen Keng Dist., New Taipei City, 222, Taiwan, R.O.C

<http://www.vibration.com.tw>

TEL: 886-2-2662-5100 FAX: 886-2-2662-3094

E-mail: service@kdi.tw

TESTING / INSPECTION REPORT

REPORT NO : DT-130110-2

COMPANY : AAEON Technology Inc.

ADDRESS : 5F, No.135, Lane 235, Pao Chiao Rd.

Hsin-Tien City, Taipei, Taiwan, R. O. C.

TEL : 886-2-8919-1234

FAX : 886-2-8919-1049

SPECIMEN : DSS-CV20(With 2.5" HDD)

DATE OF RECEIVED : 2013/01/02

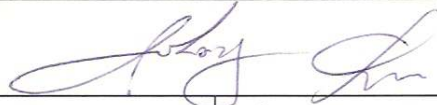
DATE OF TESTED : 2013/01/02

TEST / INSPECTION ITEMS : Drop Test

REMARKS :

- The laboratory is accredited by ISO/IEC 17025 General Requirements for the Competence of Calibration and Testing Laboratory.
- The results only apply to the device under test.
- This report is 17 pages, and no part of it may be abstracted or reproduced.

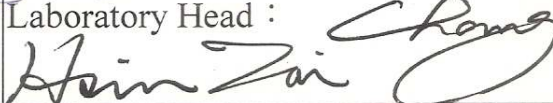
Test Engineer :



Approval Signatory :



Laboratory Head :



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TESTING / INSPECTION REPORT

TESTING EQUIPMENT :

- 1.Drop Testing System : KING DESIGN KD-128A, S/N : 02370206-22
2.Controller : Lansmont TP-3, S/N:0506-046
3.Measuring Accelerometer : DYTRAN3053B, S/N:1242

TEST ENVIRONMENT :

- Temperature : 24.2°C (25±10°C)
Relative Humidity : 62%RH (50±25% RH)

SPECIMEN :

- Model : DSS-CV20(With 2.5" HDD)
Quantity : 1 carton

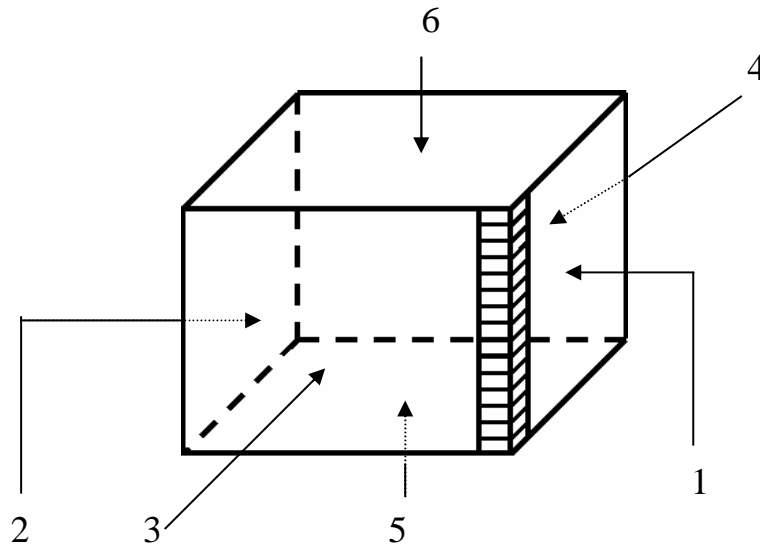
TEST SPECIFICATION :

- For ISTA 1A
Weight : 2.52 kg
Drop Height : 76 cm
Drop Onto : 1 corner, 3 edges & 6 faces

TEST RESULT :




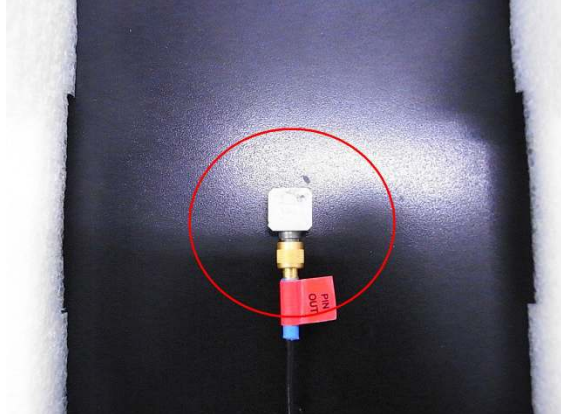
Describe	PASS	FAIL	Non-Judgment
Function judgment	√	---	---
Appearance check	√	---	---

TESTING / INSPECTION REPORT

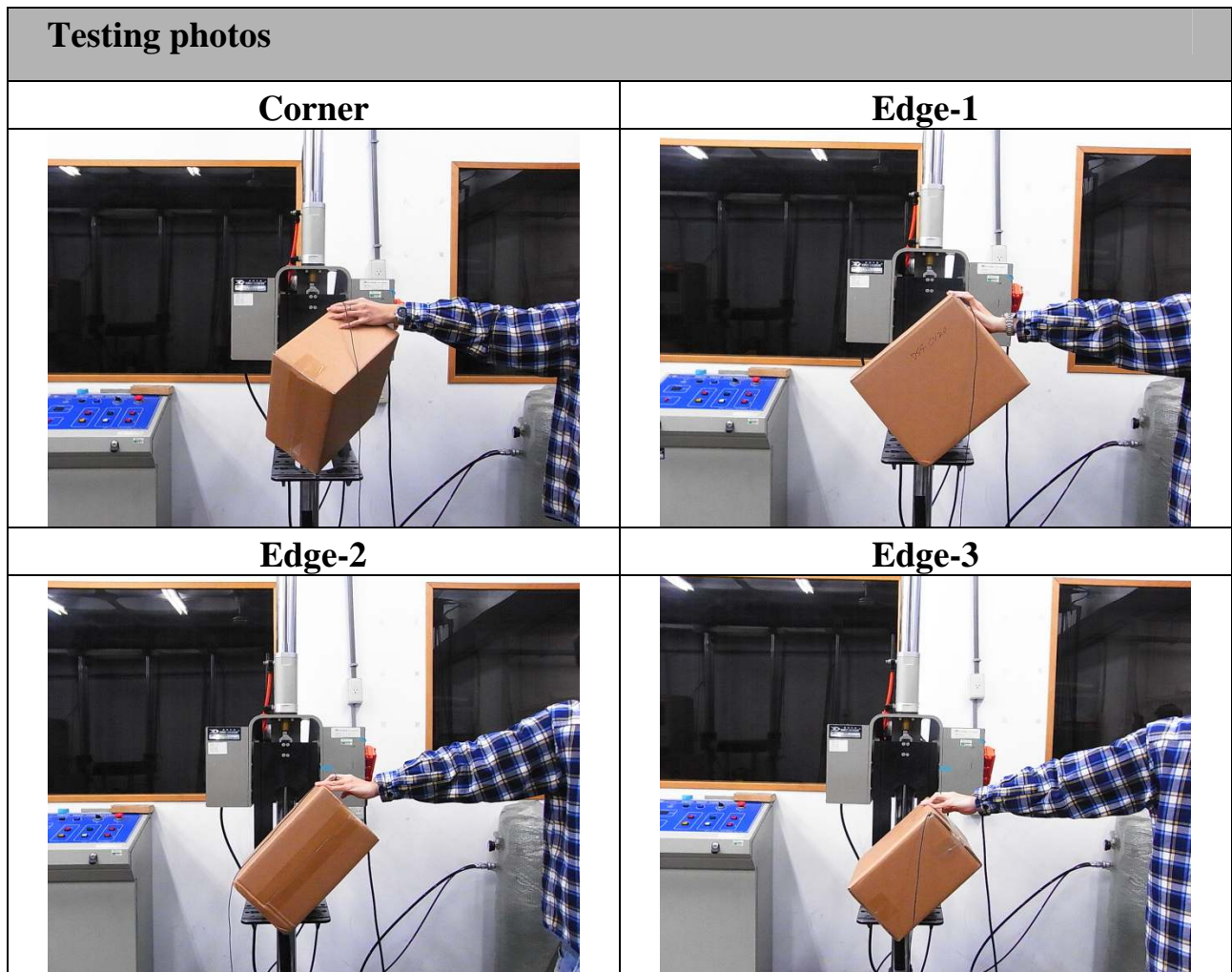


1	The 1-3-5 Corner	Corner
2	The shortest edge radiating from that corner	Edge
3	The next longest edge radiating from that corner	Edge
4	The longest edge radiating from that corner	Edge
5	Flat on one of the smallest faces	Flat
6	Flat on one of the opposite small faces	Flat
7	Flat on one of the medium faces	Flat
8	Flat on one of the opposite medium faces	Flat
9	Flat on one of the largest faces	Flat
10	Flat on one of the opposite largest faces	Flat





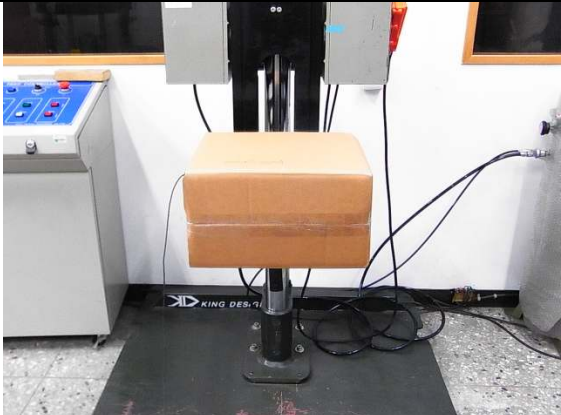
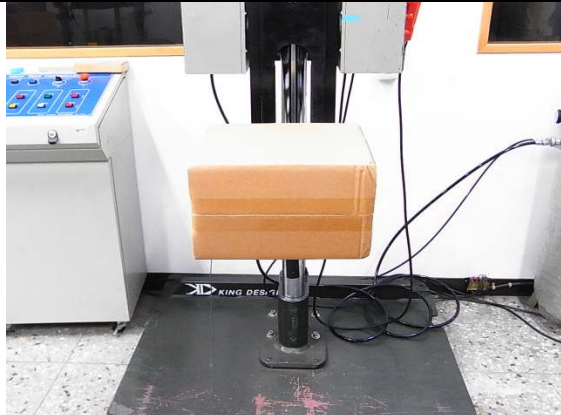
TESTING / INSPECTION REPORT

Testing photos	
Before test-1	Before test-2
	
Before test-3	Before test-4
	

TESTING / INSPECTION REPORT



TESTING / INSPECTION REPORT

Testing photos (Face)	
Face-1	Face-2
	
Face-3	Face-4
	
Face-5	Face-6
	

TESTING / INSPECTION REPORT

Testing photos

After test



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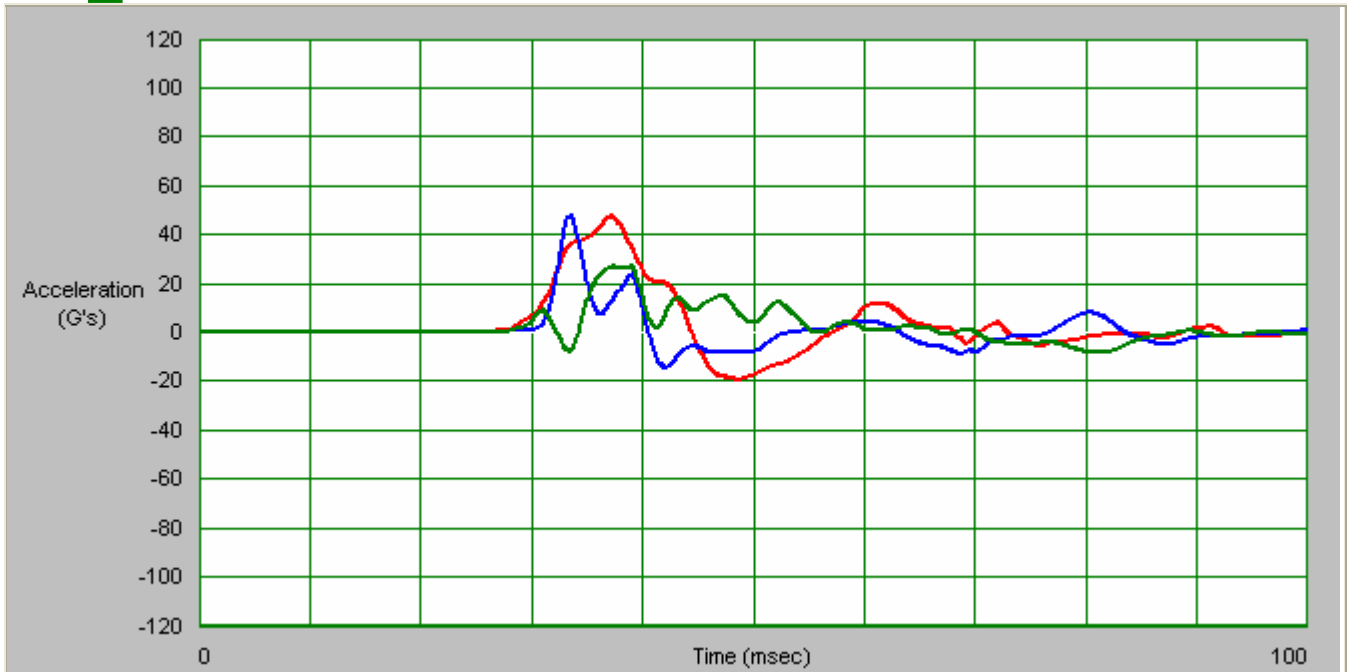
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Corner
Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	Ch1	47.27	15.10	158.11	220.00	47.27	-19.31
Ch2	Ch2	47.76	9.30	76.62	220.00	47.76	-14.37
Ch3	Ch3	26.83	6.80	100.42	220.00	26.83	-8.39



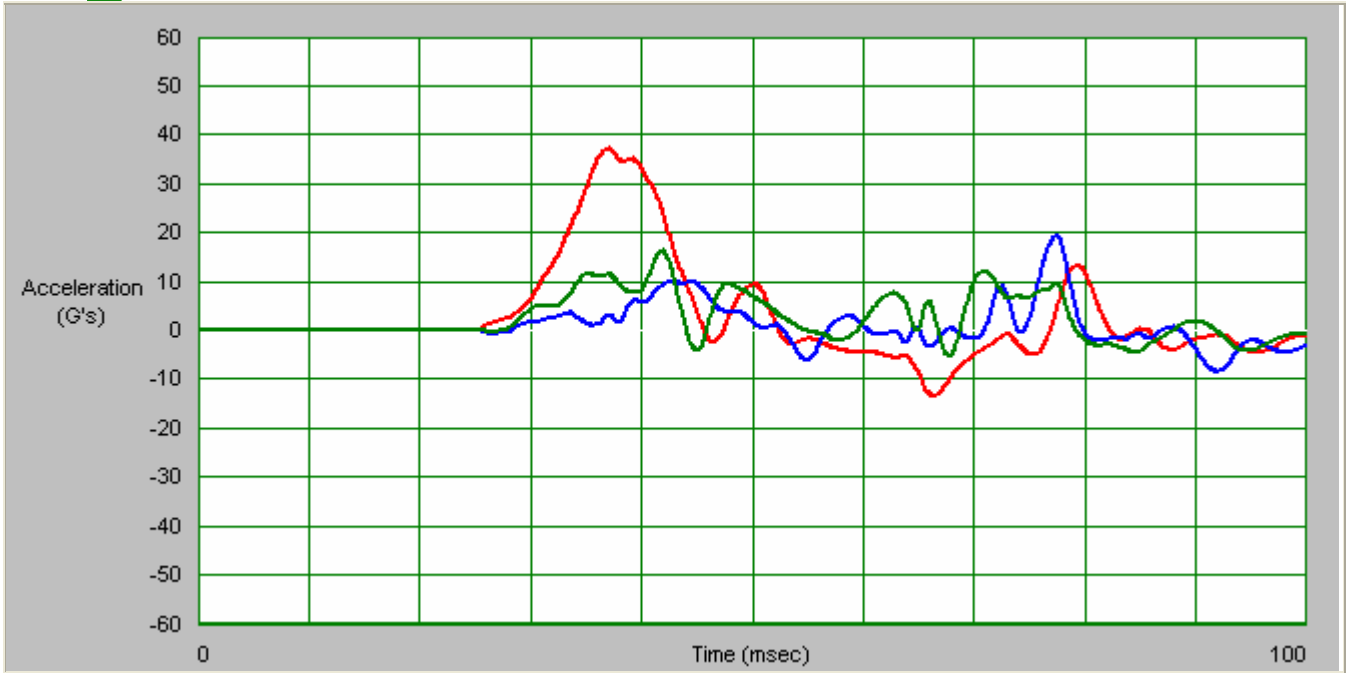
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Edge-1

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	Ch1	37.20	16.40	142.08	220.00	37.20	-13.38
Ch2	Ch2	19.35	4.70	21.60	220.00	19.35	-8.42
Ch3	Ch3	16.36	15.40	51.09	220.00	16.36	-5.30



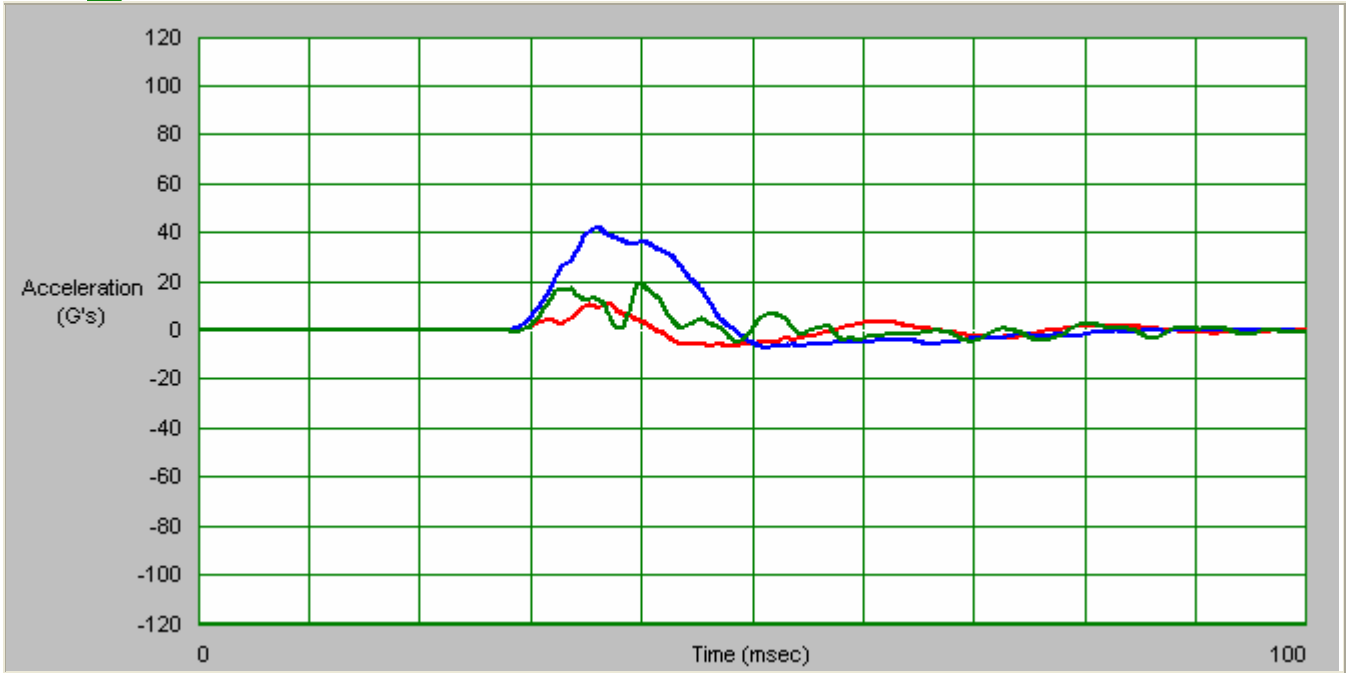
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Edge-2

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	Ch1	11.11	11.30	25.82	220.00	11.11	-6.55
Ch2	Ch2	41.91	17.60	185.13	220.00	41.91	-7.07
Ch3	Ch3	19.31	5.00	59.93	220.00	19.31	-4.73



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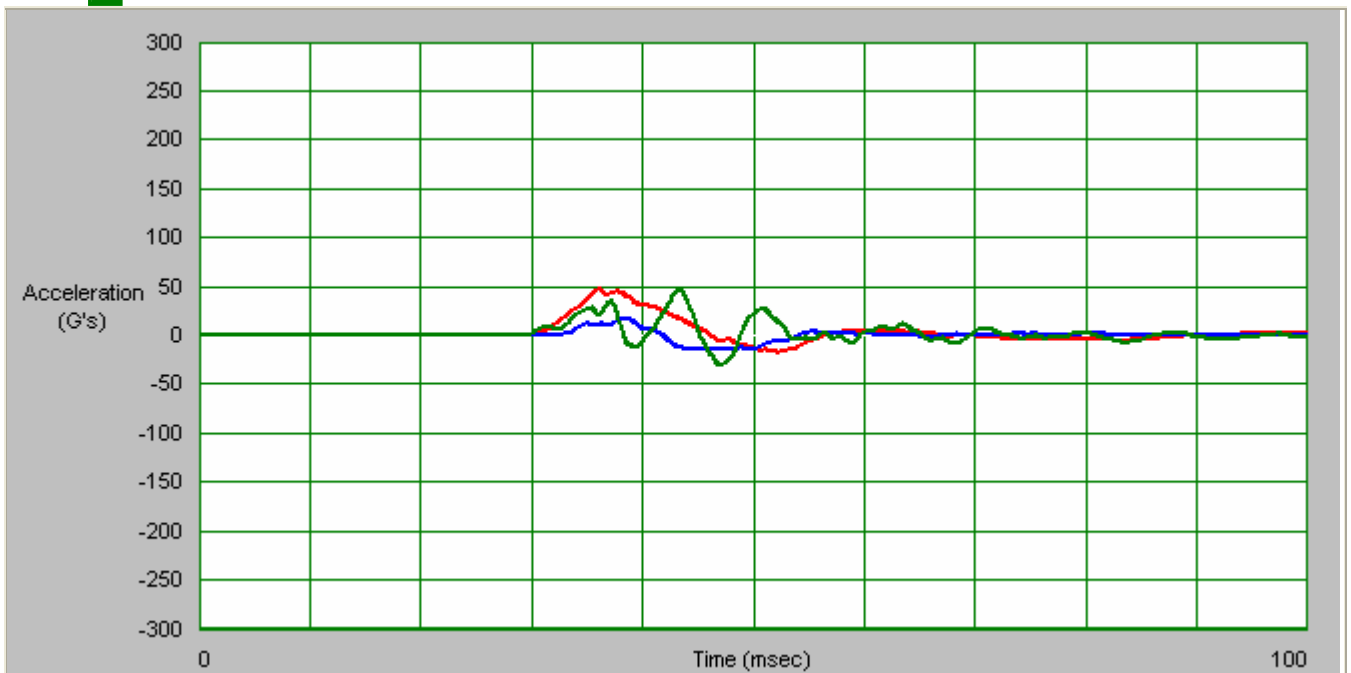
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Edge-3
Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	Ch1	46.65	14.70	152.23	220.00	46.65	-17.41
Ch2	Ch2	16.52	8.50	32.47	220.00	16.52	-15.27
Ch3	Ch3	46.94	4.40	47.37	220.00	46.94	-30.13



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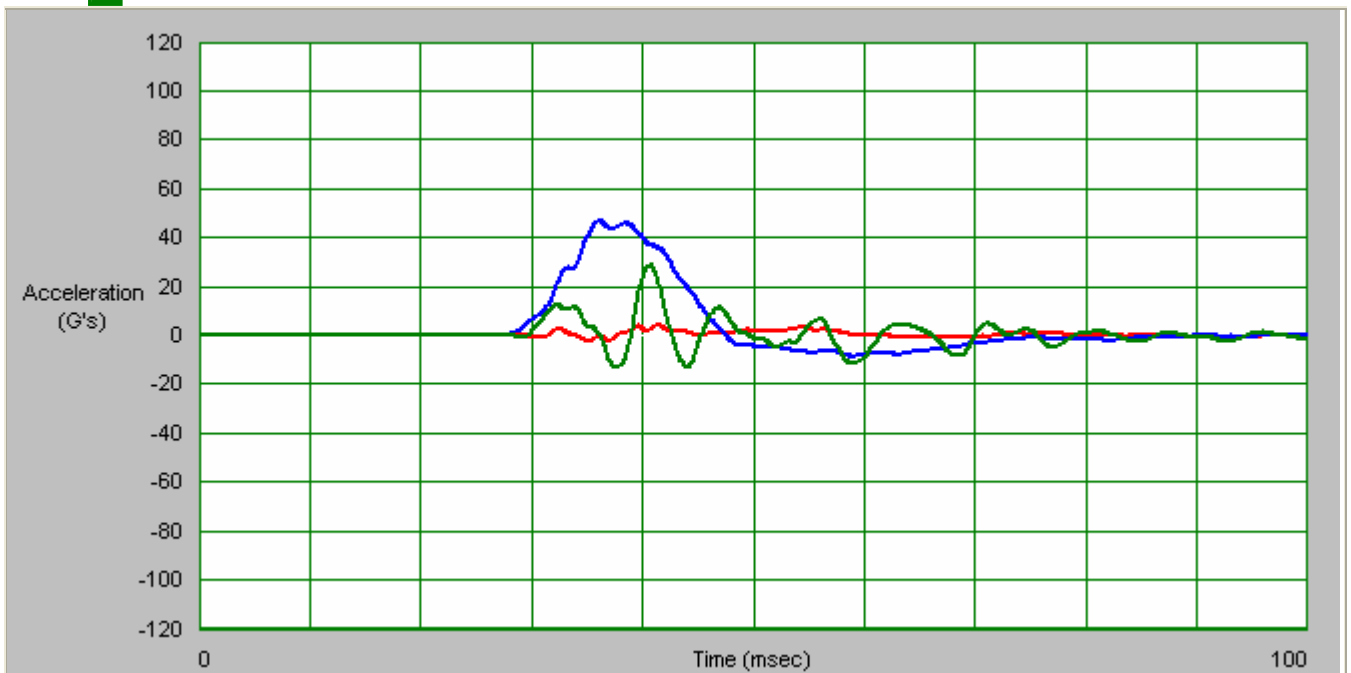
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Face-1
Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	Ch1	4.26	6.90	5.88	220.00	4.26	-2.31
Ch2	Ch2	46.92	17.10	189.98	220.00	46.92	-8.64
Ch3	Ch3	28.66	3.50	25.04	220.00	28.66	-13.38



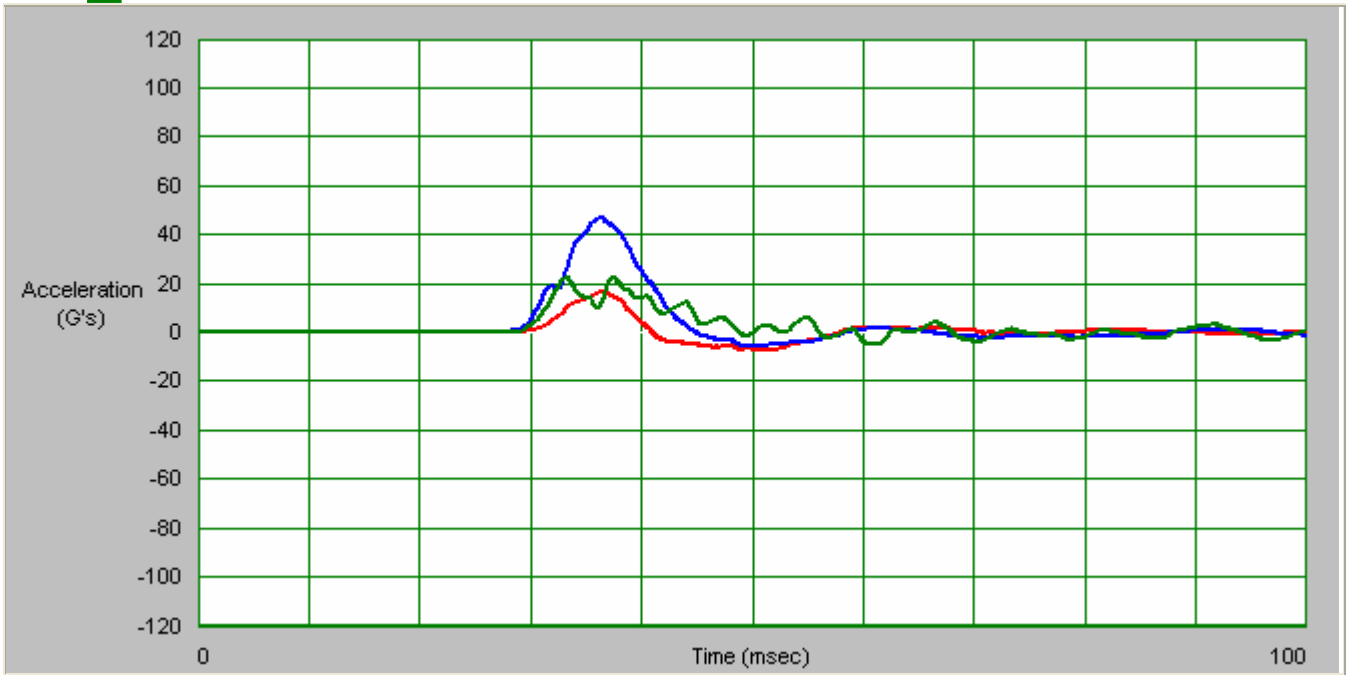
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Face-2

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	Ch1	16.82	10.00	39.08	220.00	16.82	-7.73
Ch2	Ch2	46.59	13.60	142.30	220.00	46.59	-5.94
Ch3	Ch3	22.71	18.70	85.29	220.00	22.71	-5.28



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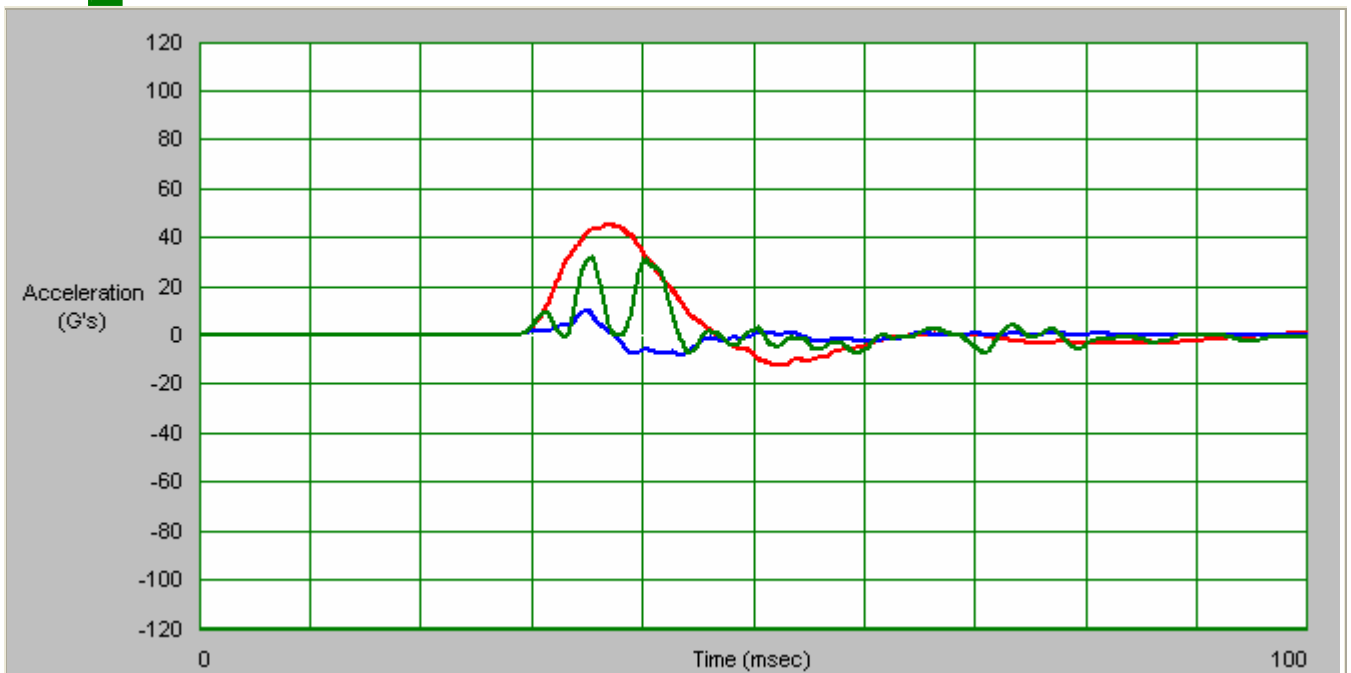
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Face-3
Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	Ch1	45.47	15.30	166.58	220.00	45.47	-12.70
Ch2	Ch2	10.00	7.80	13.22	220.00	10.00	-7.96
Ch3	Ch3	31.69	3.80	29.06	220.00	31.69	-7.31



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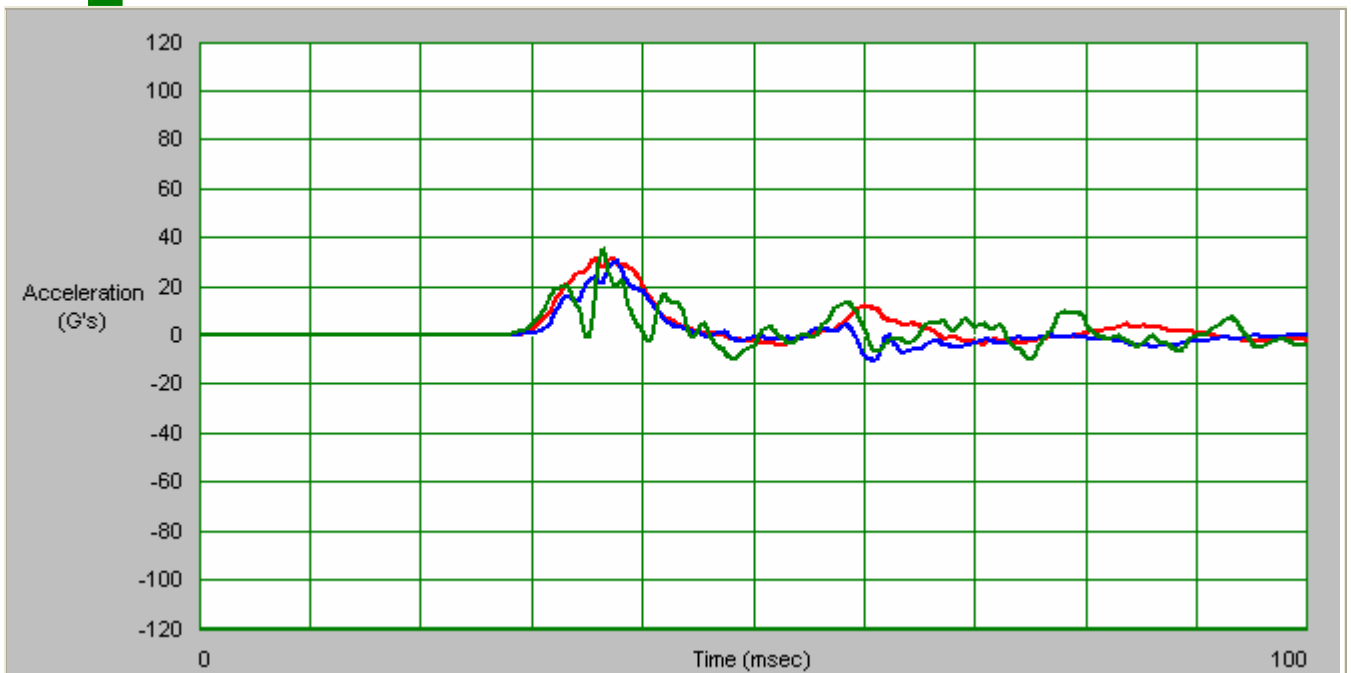
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Face-4
Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	Ch1	31.43	13.50	100.76	220.00	31.43	-4.29
Ch2	Ch2	30.62	12.40	78.21	220.00	30.62	-10.25
Ch3	Ch3	35.07	4.50	32.82	220.00	35.07	-9.75



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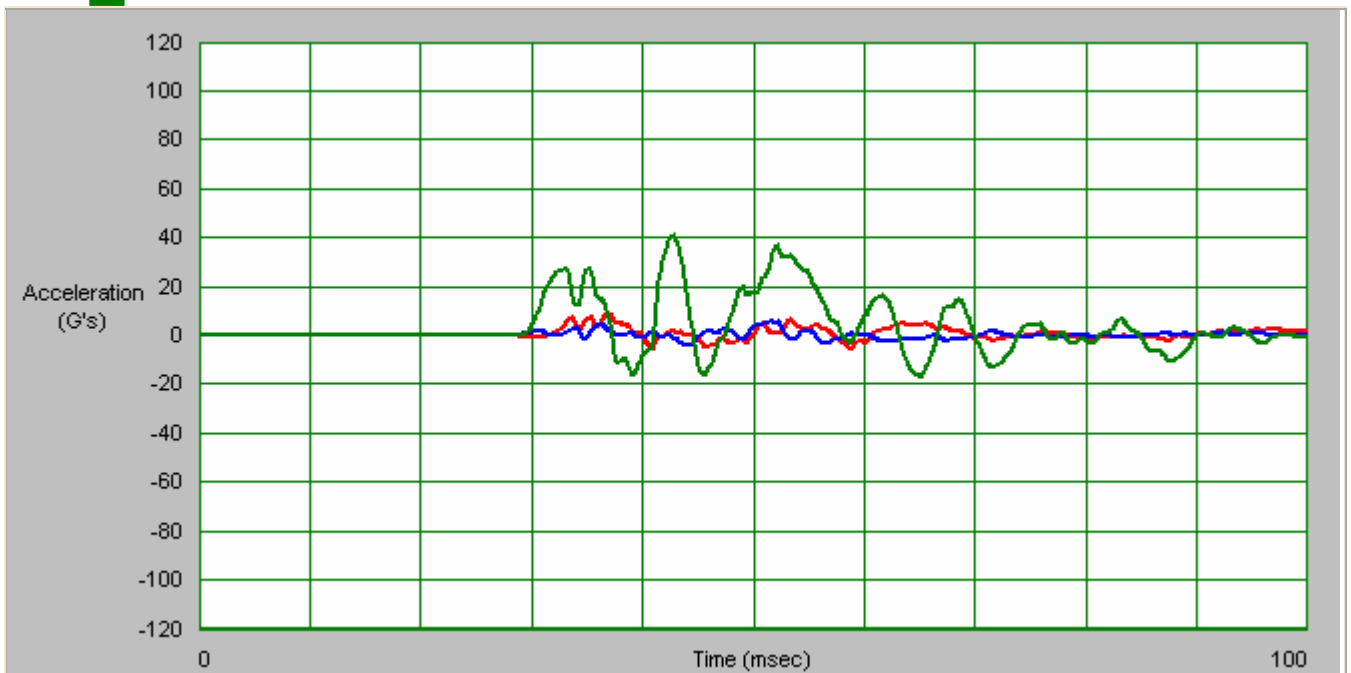
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Face-5
Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	Ch1	9.18	7.60	14.63	220.00	9.18	-5.51
Ch2	Ch2	5.75	3.40	5.40	220.00	5.75	-4.03
Ch3	Ch3	41.18	3.40	36.68	220.00	41.18	-16.89



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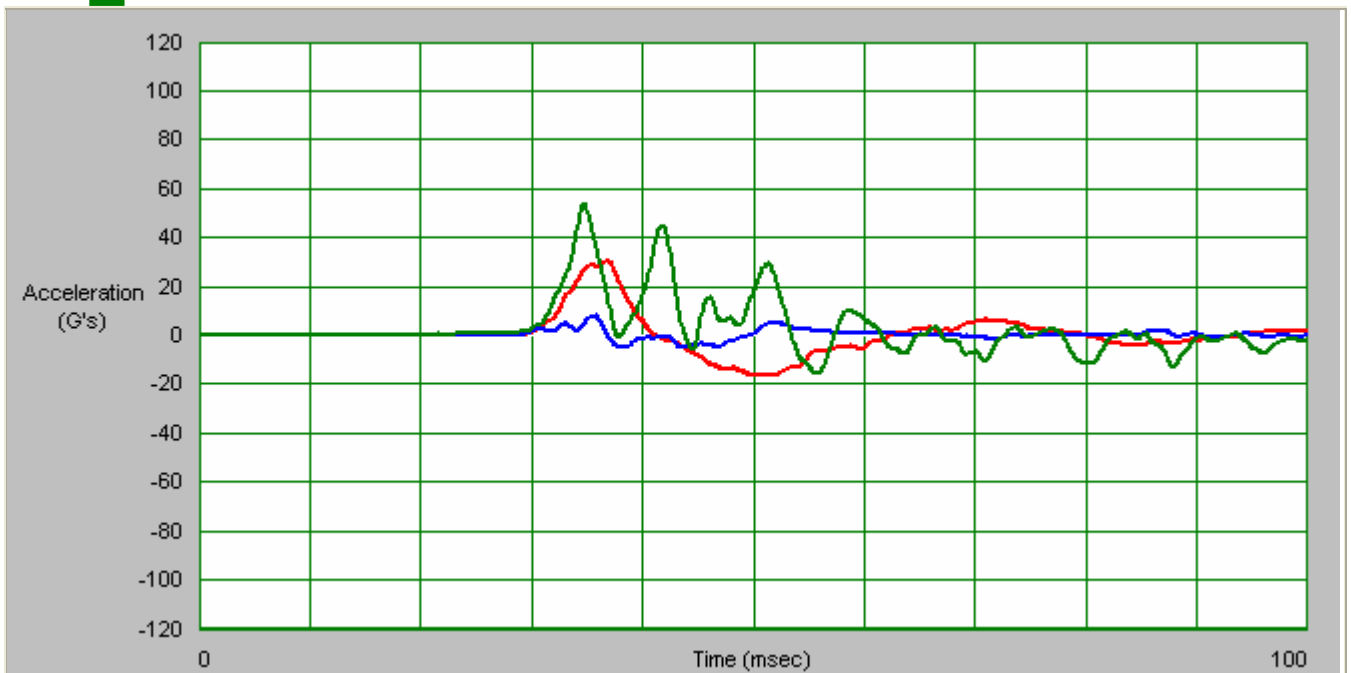
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Face-6
Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	Ch1	30.45	9.70	67.66	220.00	30.45	-16.70
Ch2	Ch2	8.03	7.20	10.17	220.00	8.03	-5.10
Ch3	Ch3	53.78	6.40	71.79	220.00	53.78	-15.59


-END-