

KING DESIGN INDUSTRIAL CO., LTD.

4F, NO. 3, Lane 270, Pei Shen Road Sec. 3,

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

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

VIBRATION TEST LABORATORY<http://www.kdi.tw><http://www.vibration.com.tw>E-mail: service@kdi.tw**TESTING / INSPECTION REPORT**

REPORT NO : DT-160613-2

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 : BOXER-6421

DATE OF RECEIVED : 2016/06/06

DATE OF TESTED : 2016/06/06

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 18 pages, and no part of it may be abstracted or reproduced.

Test Engineer :

Peter Peng

Approval Signatory

David Lee

Laboratory Head :

Hsin Tai Peng

金頓科技實

TESTING / INSPECTION REPORT

TESTING EQUIPMENT :

Drop Testing System : KING DESIGN KD-128A, S/N : 02370206-22
Controller : Lansmont TP-3, S/N:0506-046
Measuring Accelerometer : DYTRAN 3053B, S/N:1242
Calibration Date : 2015/11/12

TEST ENVIRONMENT :

Temperature : 25°C (25±10°C)
Relative Humidity : 65%RH (50±25% RH)

SPECIMEN :

Model : BOXER-6421
Quantity : 1 carton

TEST SPECIFICATION :

Weight : 1.12 kg
Drop Height : 76 cm
Drop Onto : 1 corner & 3 edges & 6 faces

TEST RESULT :

Describe	PASS	FAIL	Non-Judgment
Function judgment ⁽¹⁾	√	---	---
Appearance check ⁽²⁾	√	---	---

(1)--After the test, booting function was normal.
(2)--No visible damages were found.

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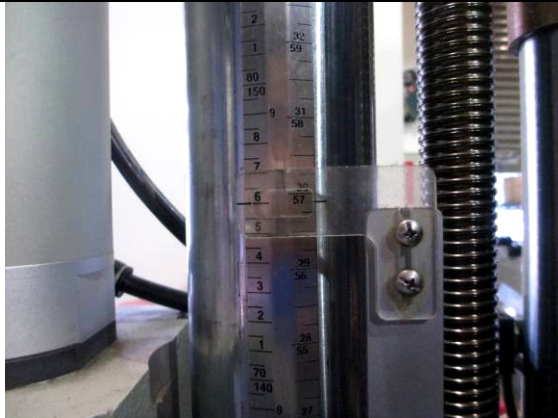
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TESTING / INSPECTION REPORT

Testing photos – Before test

Weight

Weight

Drop height

Sensor measuring


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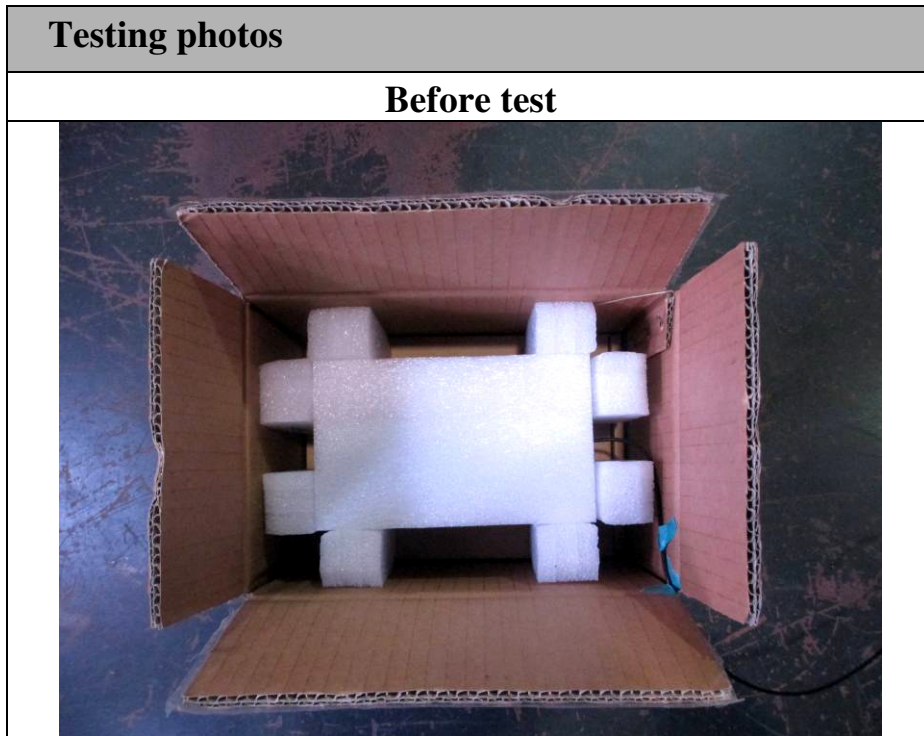
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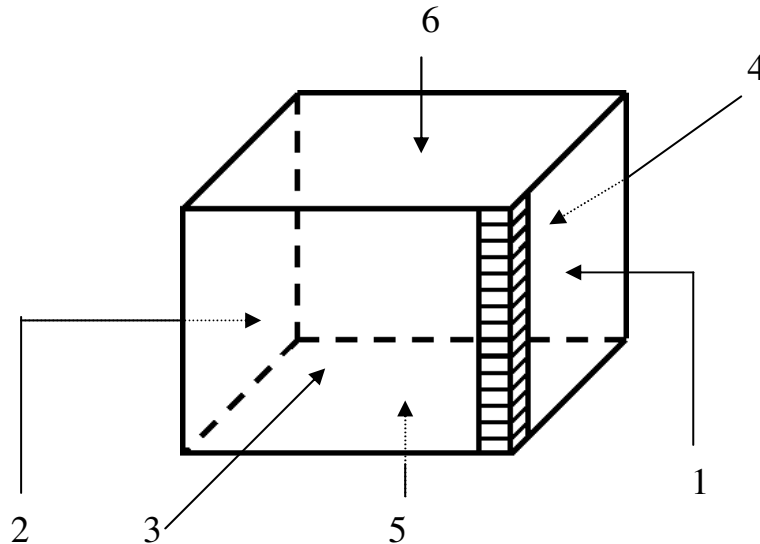
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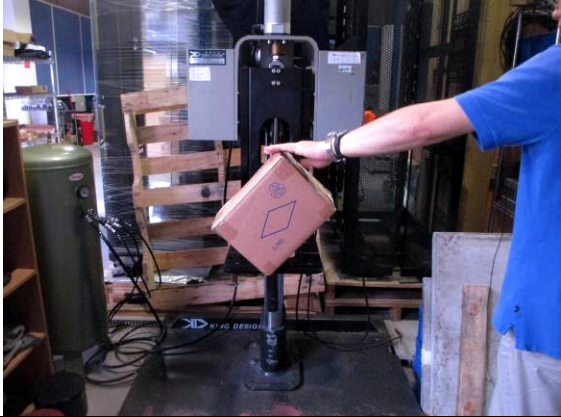




TESTING / INSPECTION REPORT



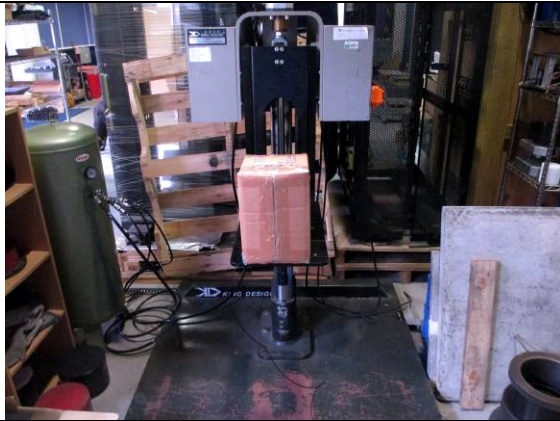
The 1-3-5 Corner	Corner	1-3-5
The shortest edge radiating from that corner	Edge-1	1-3
The next longest edge radiating from that corner	Edge-2	1-5
The longest edge radiating from that corner	Edge-3	3-5
Flat on one of the smallest faces	Flat	1
Flat on one of the opposite small faces	Flat	2
Flat on one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

TESTING / INSPECTION REPORT

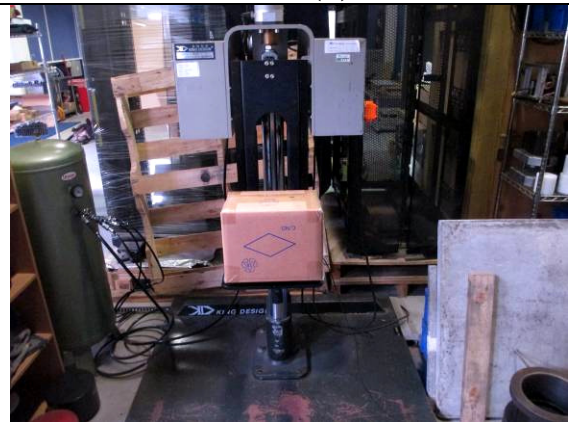
Testing photos	
Corner (1-3-5)	Edge-1 (1-3)
	
Edge-2 (1-5)	Edge-3 (3-5)
	

TESTING / INSPECTION REPORT

Testing photos (Faces)


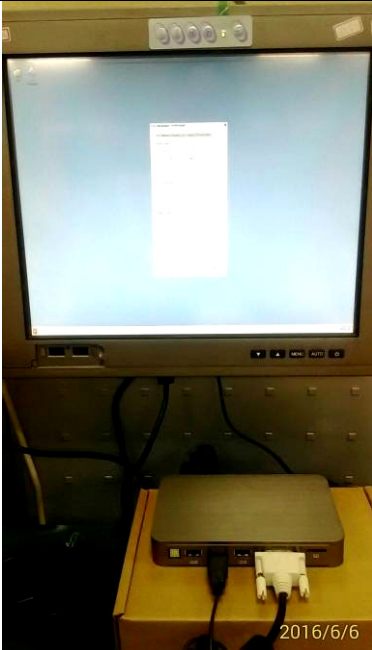
Face (1)

Face (2)

Face (3)

Face (4)

Face (5)

Face (6)


TESTING / INSPECTION REPORT

Testing photos – Test results	
Normal	
	
Normal	
	

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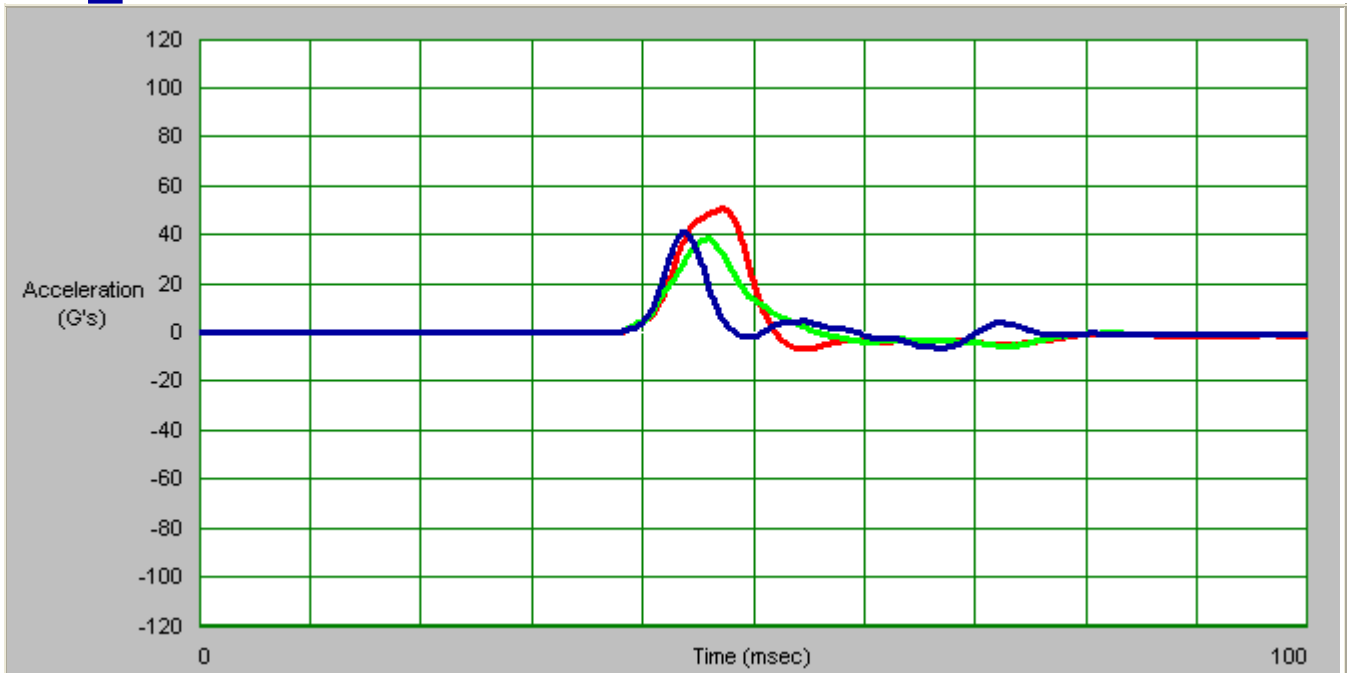
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TESTING / INSPECTION REPORT

Corner

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	50.40	11.00	138.08	220.00	50.40	-6.81
Ch2	Y axis	38.33	13.90	107.80	220.00	38.33	-5.66
Ch3	Z axis	41.10	7.60	68.54	220.00	41.10	-6.53



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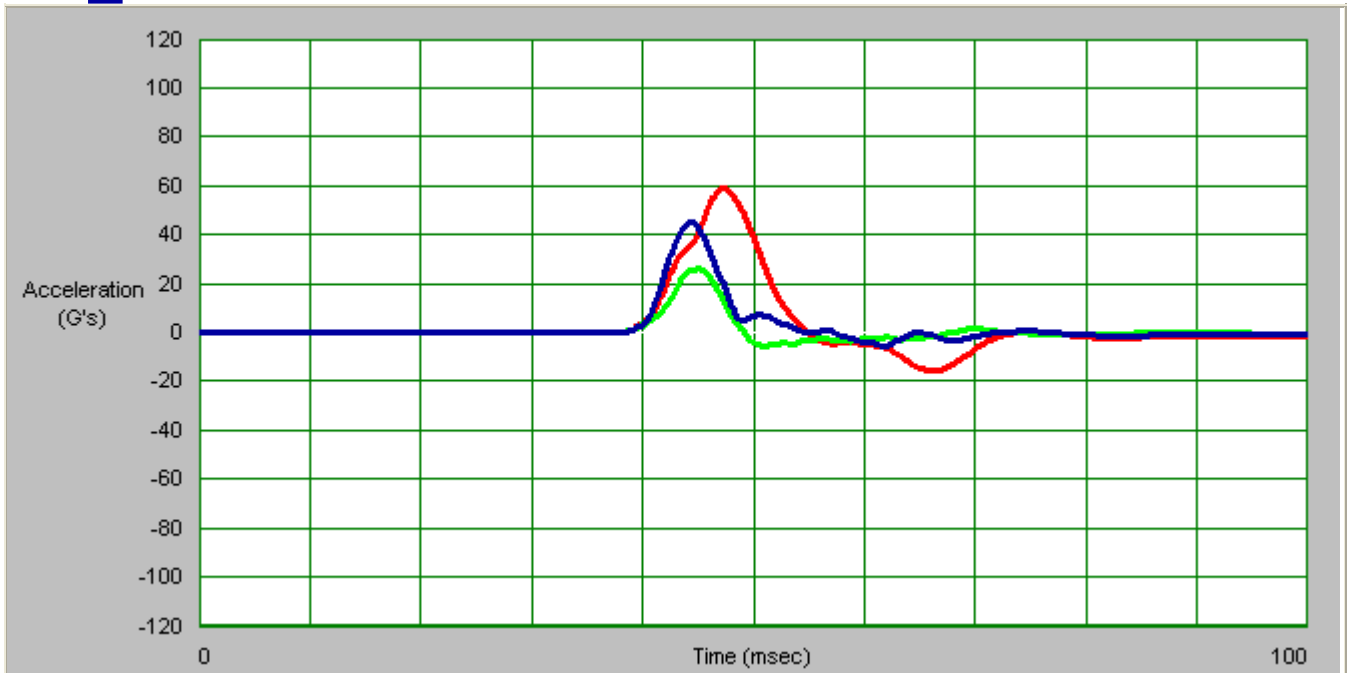
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TESTING / INSPECTION REPORT

Edge-1

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	58.79	13.30	172.45	220.00	58.79	-15.65
Ch2	Y axis	25.97	9.00	51.64	220.00	25.97	-5.40
Ch3	Z axis	45.09	11.80	99.35	220.00	45.09	-5.86

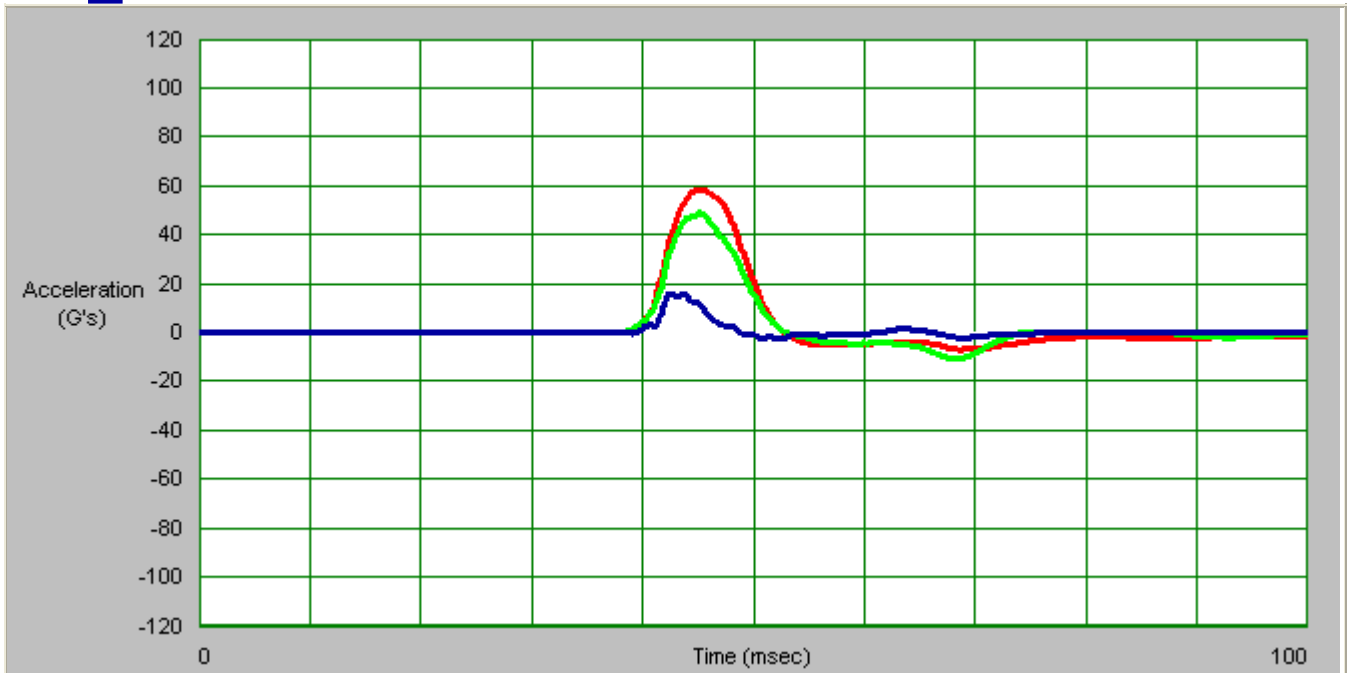


TESTING / INSPECTION REPORT

Edge-2

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	58.36	11.40	165.33	220.00	58.36	-7.09
Ch2	Y axis	48.77	11.50	133.87	220.00	48.77	-11.00
Ch3	Z axis	15.95	8.50	27.37	220.00	15.95	-2.64



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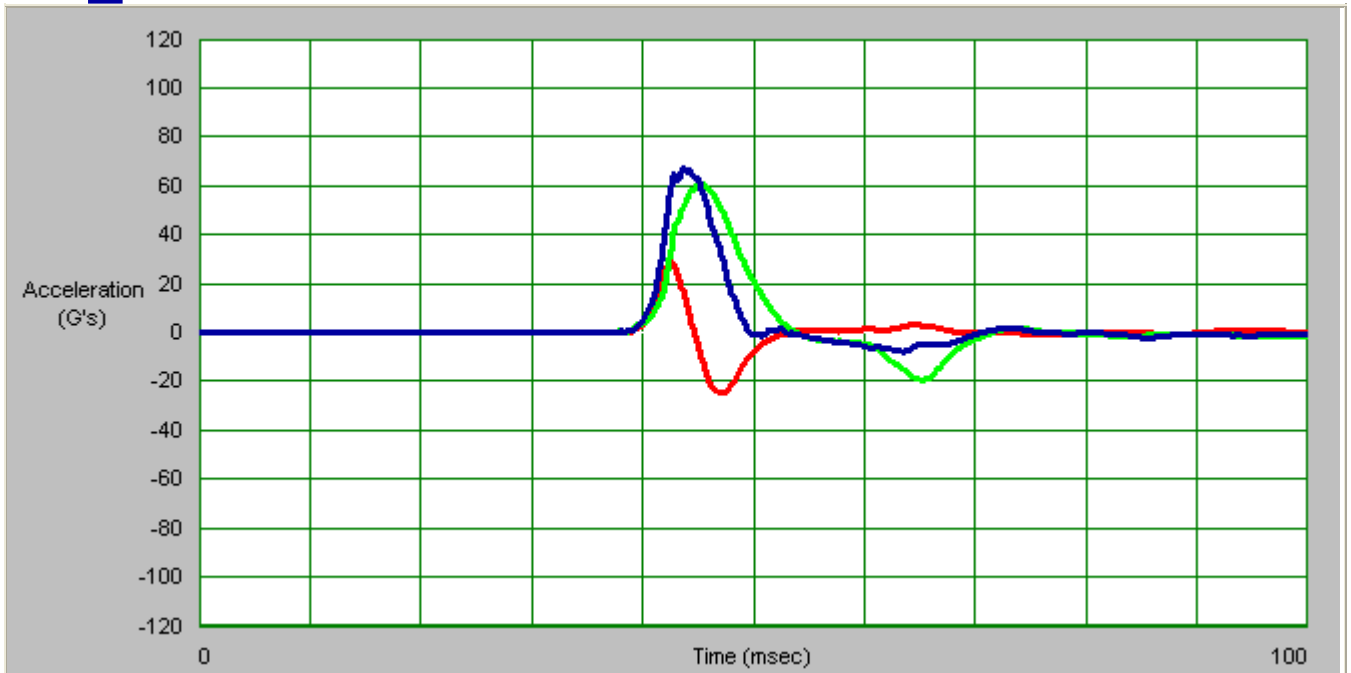
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TESTING / INSPECTION REPORT

Edge-3

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	28.91	4.60	29.05	220.00	28.91	-24.74
Ch2	Y axis	60.74	11.60	160.98	220.00	60.74	-19.62
Ch3	Z axis	67.37	8.80	137.88	220.00	67.37	-7.89

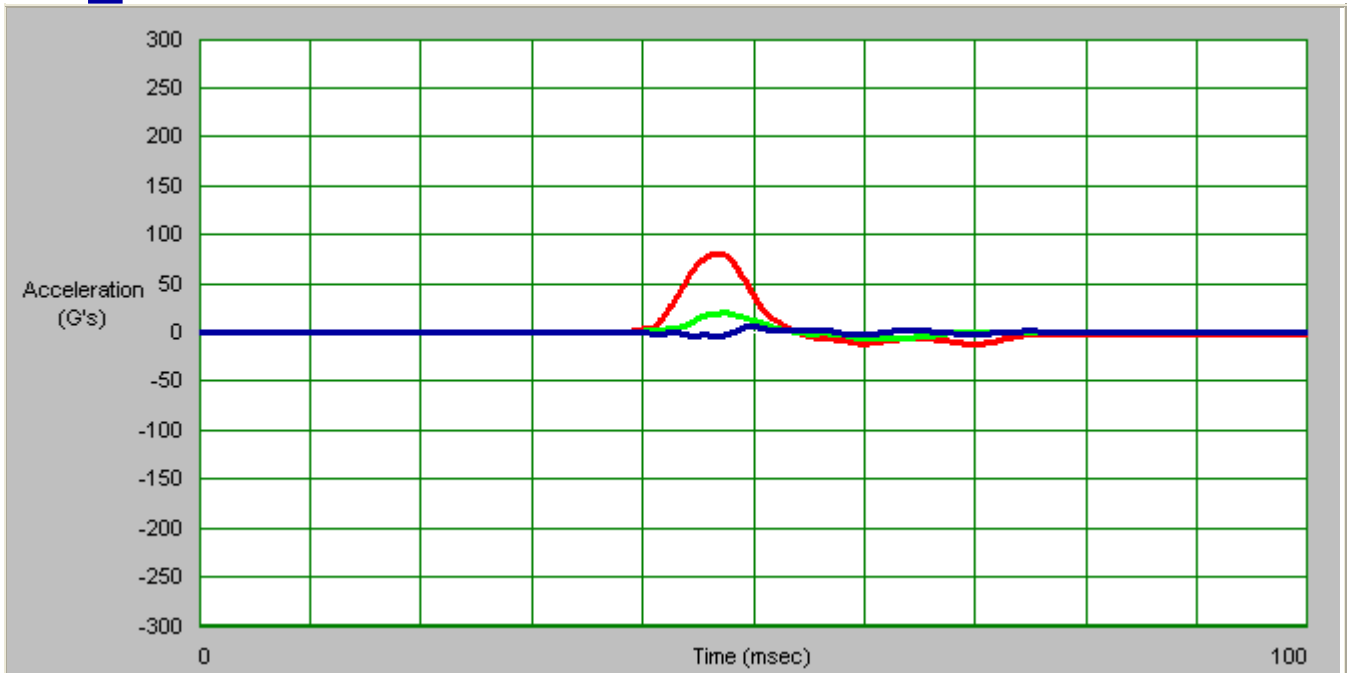


TESTING / INSPECTION REPORT

Face-1

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	80.85	11.40	212.79	220.00	80.85	-12.07
Ch2	Y axis	19.65	11.70	49.62	220.00	19.65	-6.58
Ch3	Z axis	5.62	9.10	8.53	220.00	5.62	-4.31

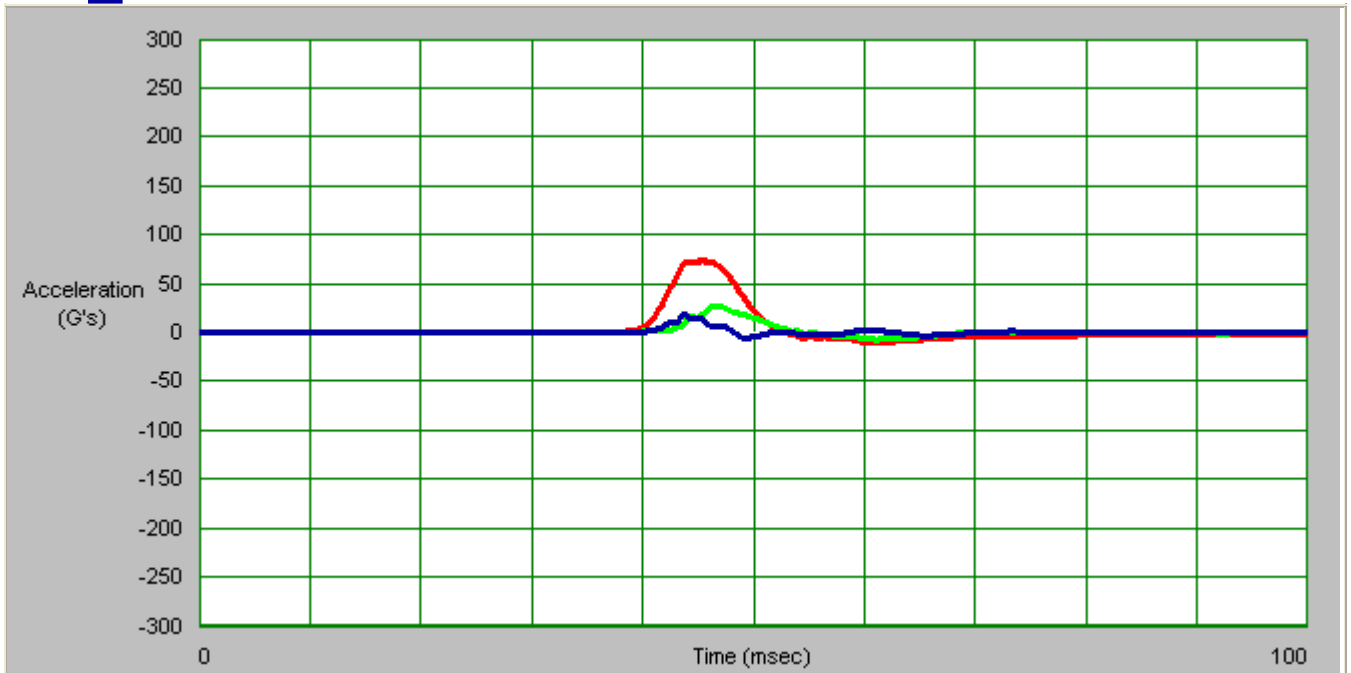


TESTING / INSPECTION REPORT

Face-2

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	73.49	11.30	202.89	220.00	73.49	-10.71
Ch2	Y axis	26.48	10.70	62.50	220.00	26.48	-7.24
Ch3	Z axis	18.22	7.30	25.90	220.00	18.22	-6.16



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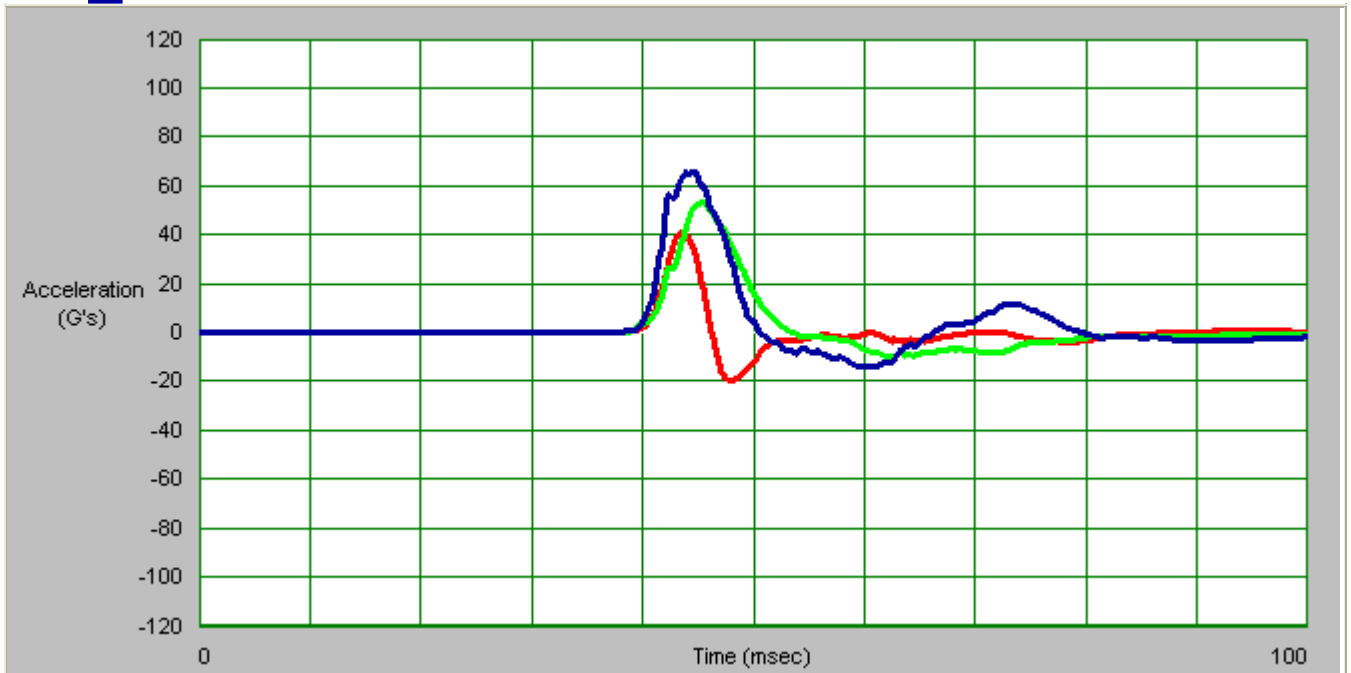
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TESTING / INSPECTION REPORT

Face-3

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	41.00	5.70	55.42	220.00	41.00	-19.78
Ch2	Y axis	52.97	11.30	133.28	220.00	52.97	-10.57
Ch3	Z axis	65.80	9.40	152.68	220.00	65.80	-14.29

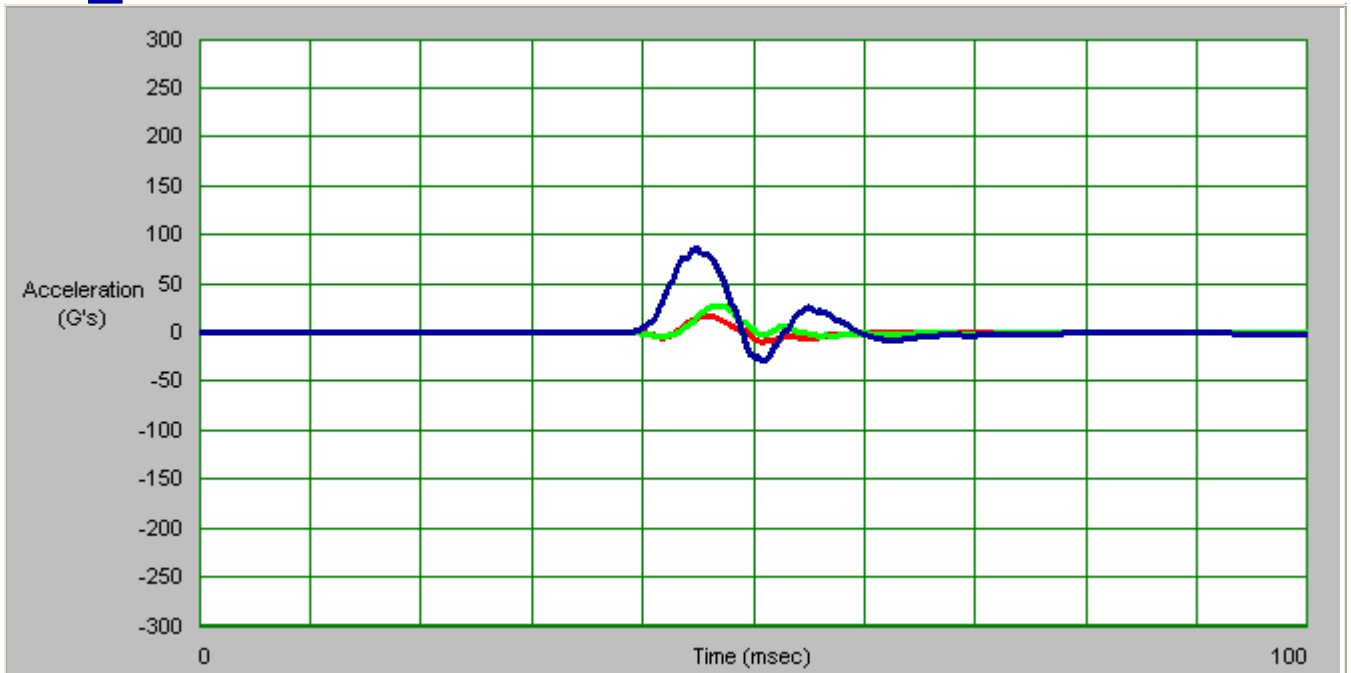


TESTING / INSPECTION REPORT

Face-4

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	17.39	5.70	23.94	220.00	17.39	-9.60
Ch2	Y axis	27.09	6.50	42.44	220.00	27.09	-4.36
Ch3	Z axis	86.19	8.30	174.82	220.00	86.19	-29.24



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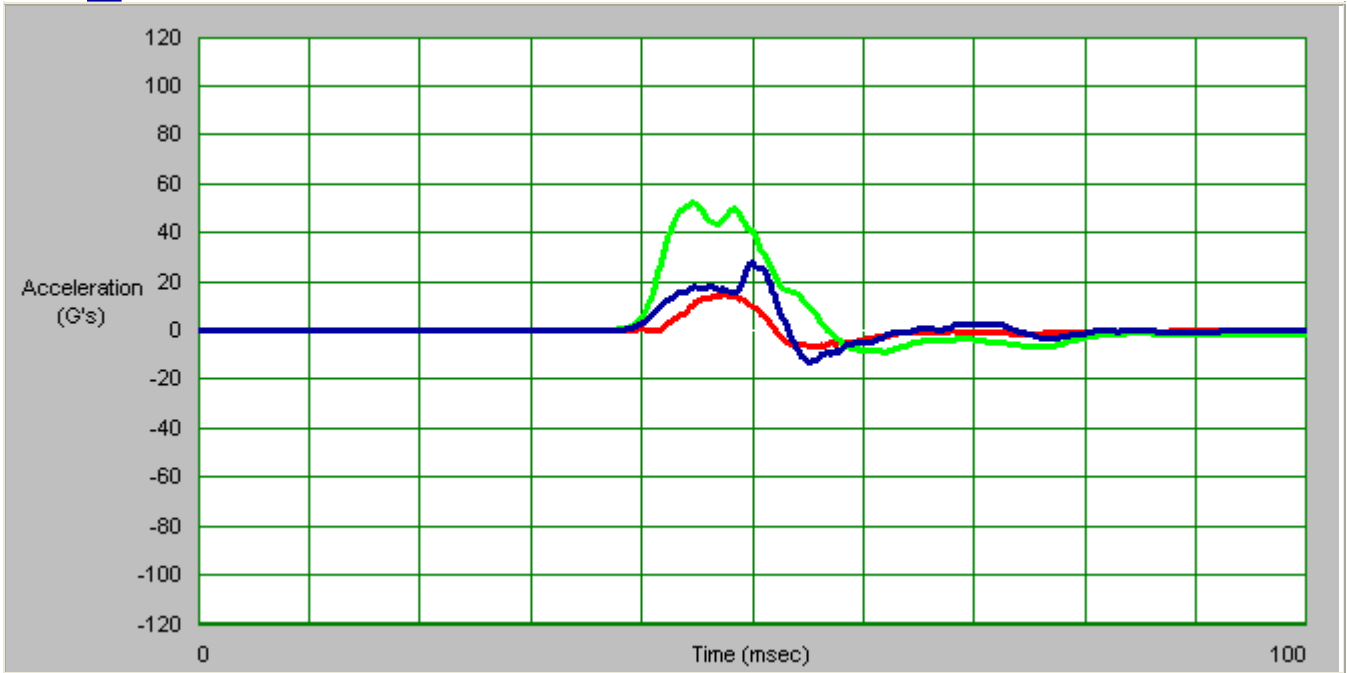
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TESTING / INSPECTION REPORT

Face-5

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	14.59	10.00	37.33	220.00	14.59	-6.88
Ch2	Y axis	52.11	16.10	203.44	220.00	52.11	-8.91
Ch3	Z axis	27.47	13.10	79.28	220.00	27.47	-12.86

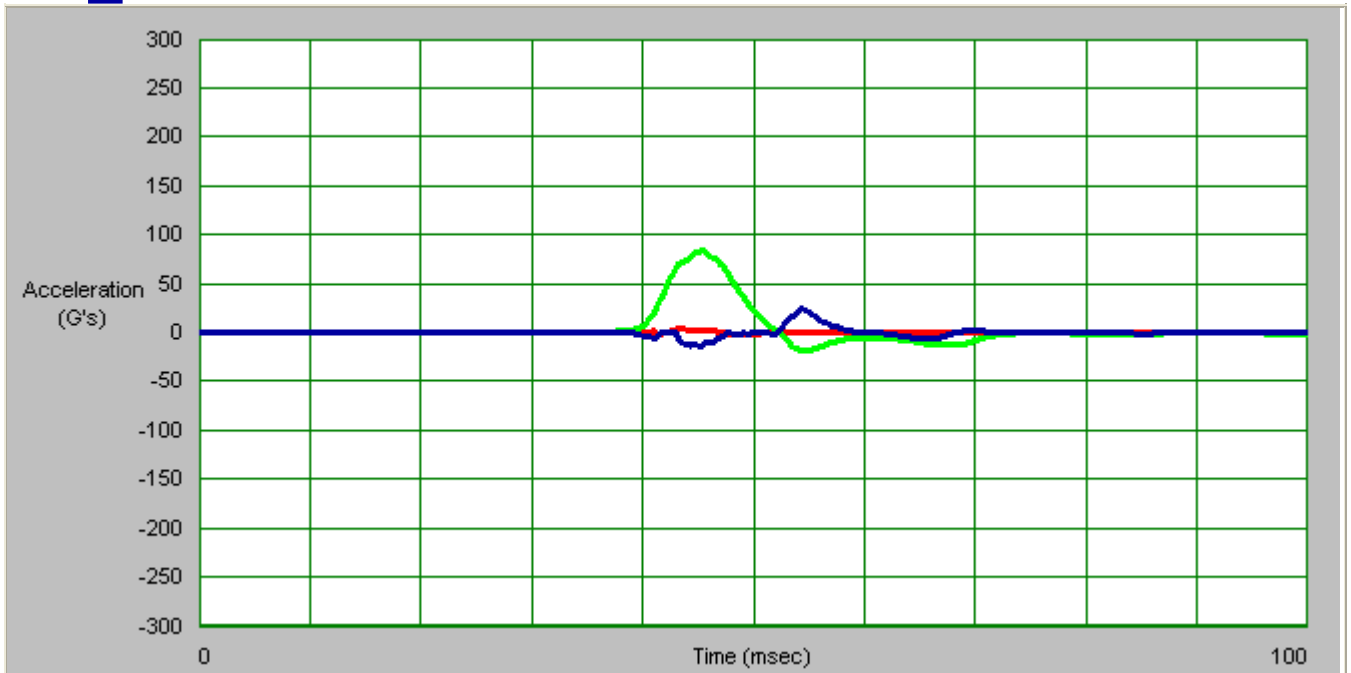


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Face-6

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	4.11	4.50	3.53	220.00	4.11	-2.24
Ch2	Y axis	83.31	11.10	221.86	220.00	83.31	-18.33
Ch3	Z axis	23.66	5.90	29.53	220.00	23.66	-14.62



-END-