

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-160613-1

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 : OMNI-3155

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 Perry

Approval Signatory :

David Lee

Laboratory Head :

Hsin-Tai Chang

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 : OMNI-3155
Quantity : 1 carton

TEST SPECIFICATION :



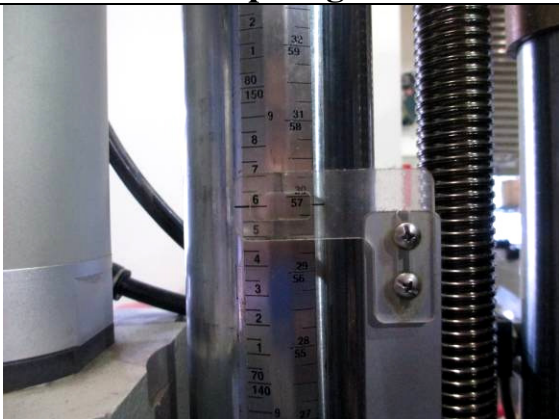
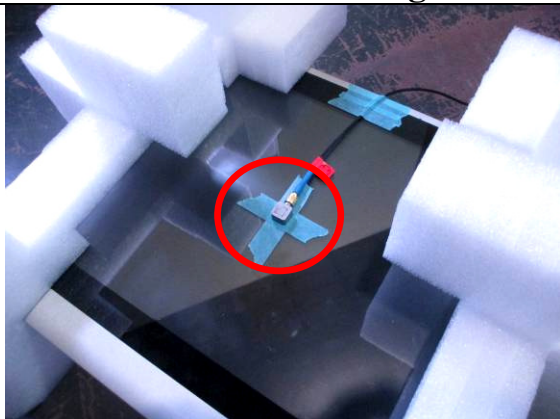
Weight : 6.34 kg
Drop Height : 76 cm
Drop Onto : 1 corner & 3 edges & 6 faces

TEST RESULT :

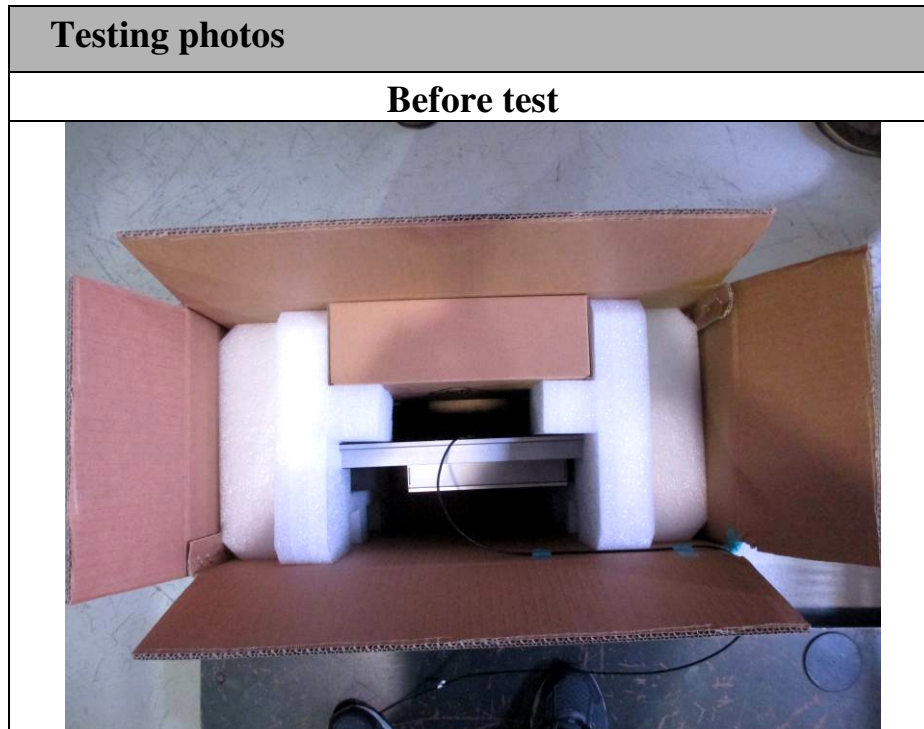
Describe	PASS	FAIL	Non-Judgment
Function judgment ⁽¹⁾	√	---	---
Appearance check ⁽²⁾	√	---	---

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

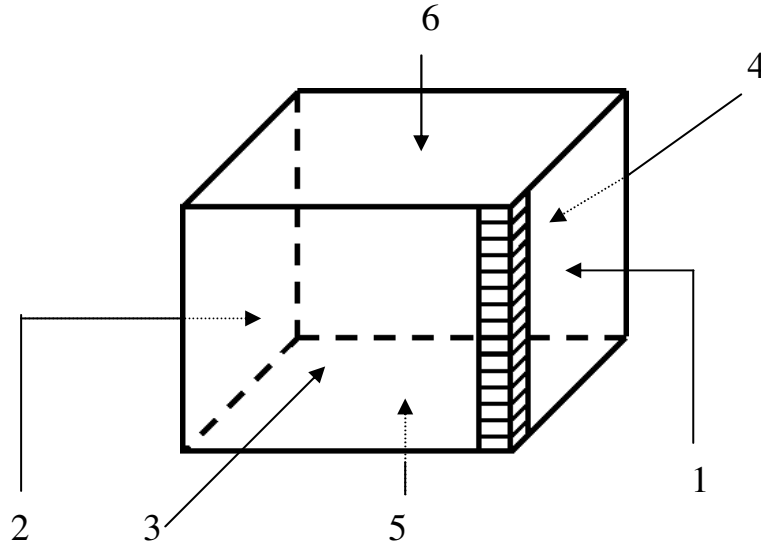
TESTING / INSPECTION REPORT

Testing photos – Before test	
Weight	Weight
	
Drop height	Sensor measuring
	

TESTING / INSPECTION REPORT

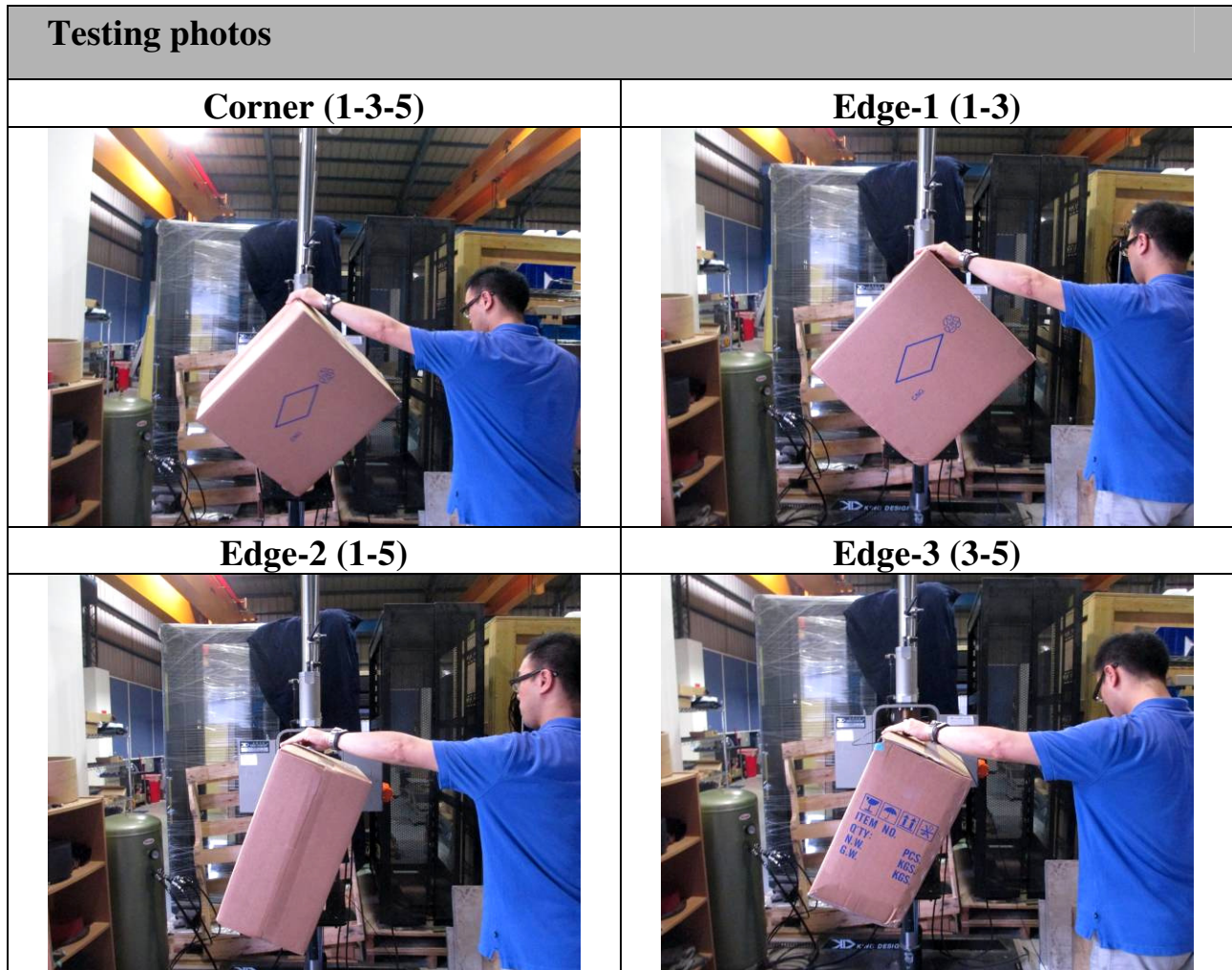


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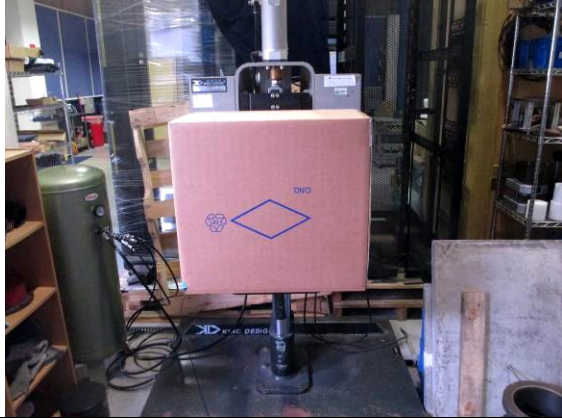
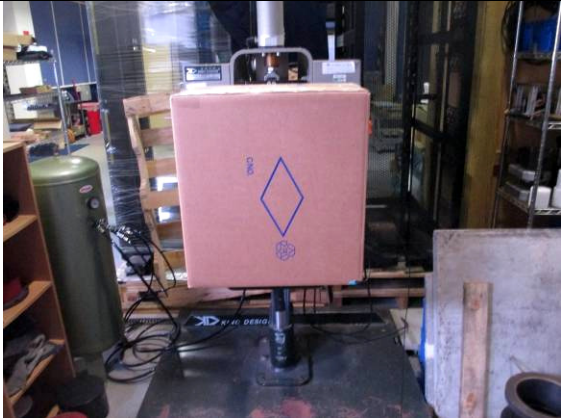
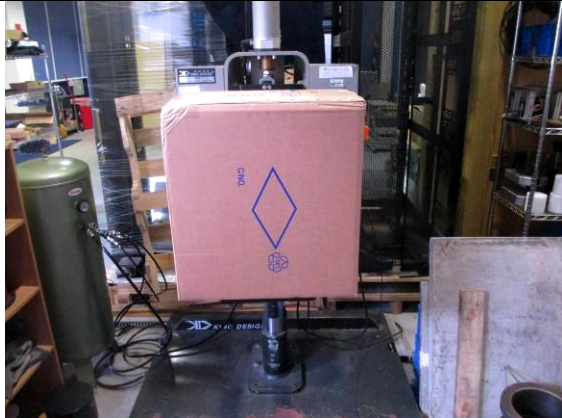
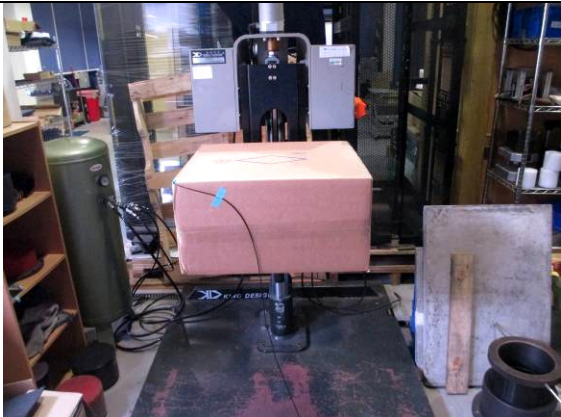



The 1-3-5 Corner	Corner	1-3-5
The shortest edge radiating from that corner	Edge-1	1-3
The next longest edge radiating from that corner	Edge-2	1-5
The longest edge radiating from that corner	Edge-3	3-5
Flat on one of the smallest faces	Flat	1
Flat on one of the opposite small faces	Flat	2
Flat on one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

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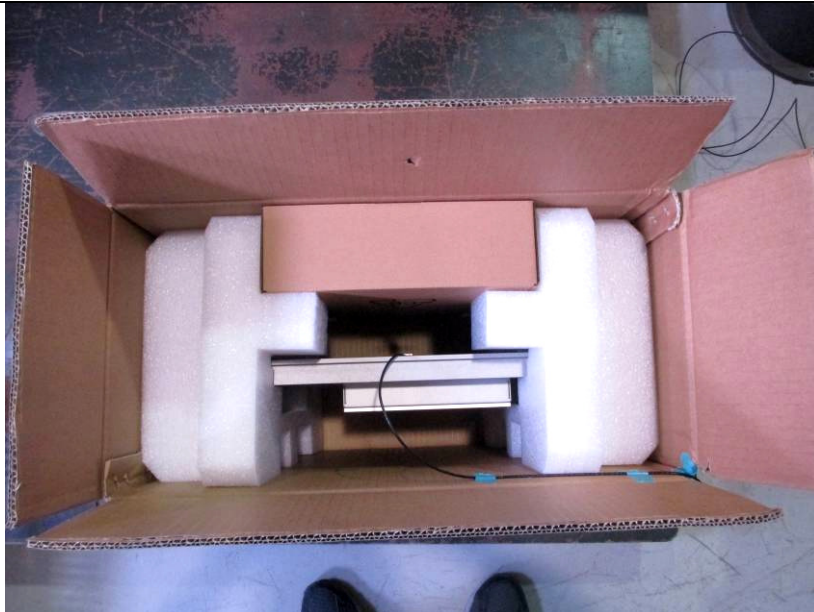
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Testing photos (Faces)	
Face (1)	Face (2)
	
Face (3)	Face (4)
	
Face (5)	Face (6)
	

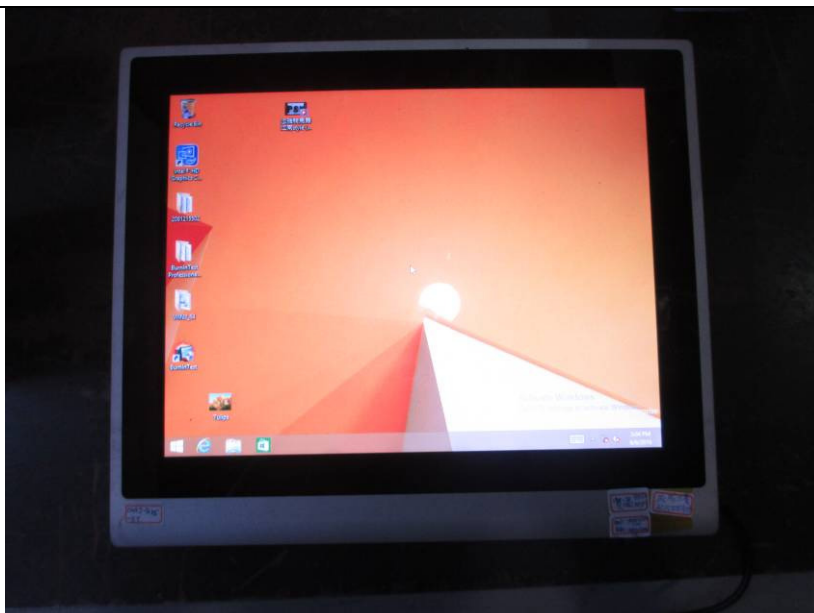
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Testing photos – Test results

Normal



Normal



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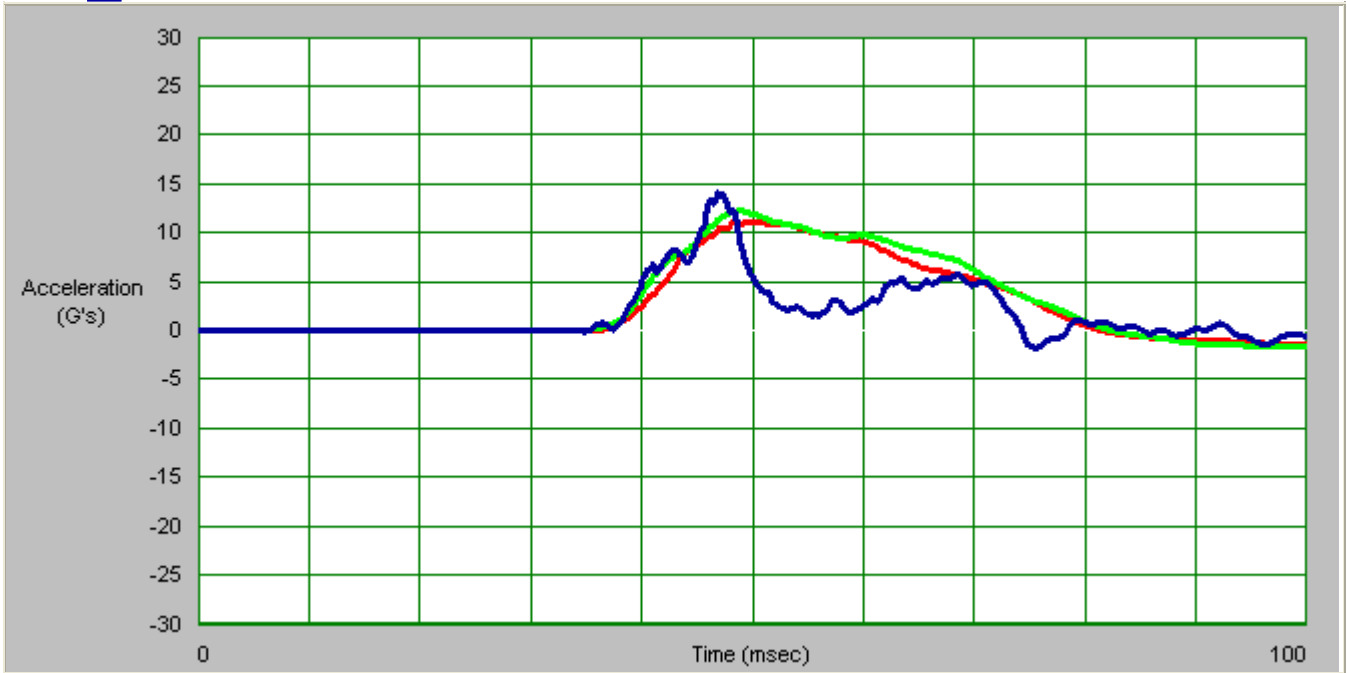
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TESTING / INSPECTION REPORT

Corner

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	11.15	40.10	109.47	220.00	11.15	-1.53
Ch2	Y axis	12.25	41.30	121.98	220.00	12.25	-1.66
Ch3	Z axis	14.16	35.30	70.09	220.00	14.16	-1.78



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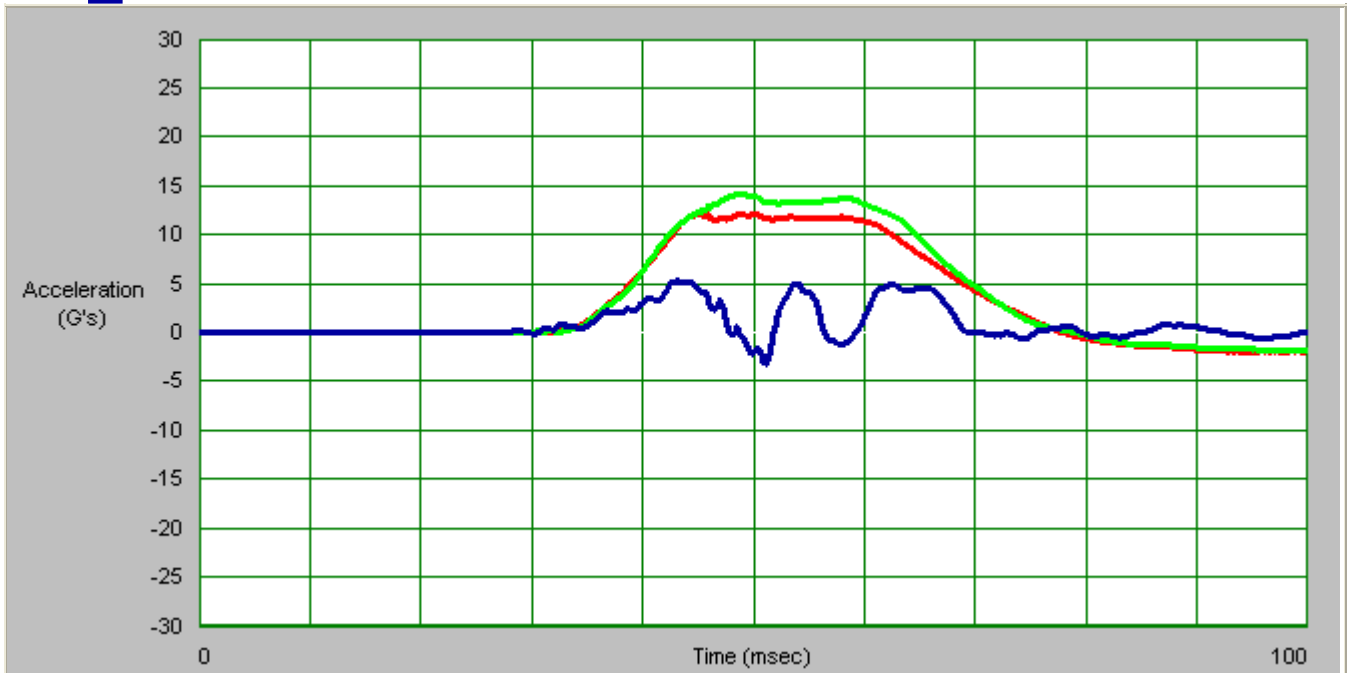
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TESTING / INSPECTION REPORT

Edge-1

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	12.10	40.30	130.51	220.00	12.10	-1.98
Ch2	Y axis	14.23	38.90	145.73	220.00	14.23	-1.85
Ch3	Z axis	5.23	12.90	16.16	220.00	5.23	-3.25



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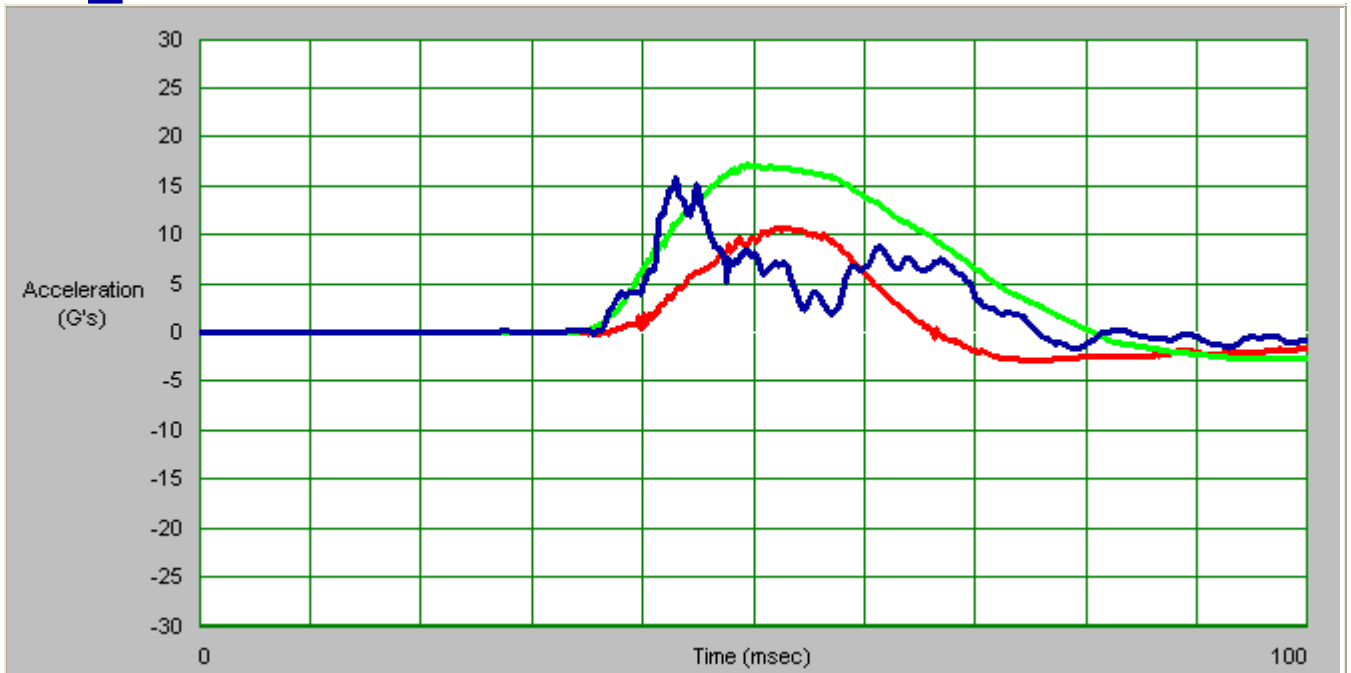
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TESTING / INSPECTION REPORT

Edge-2

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	10.68	24.60	66.58	220.00	10.68	-2.94
Ch2	Y axis	17.16	40.40	169.30	220.00	17.16	-2.67
Ch3	Z axis	15.71	37.60	93.84	220.00	15.71	-1.71



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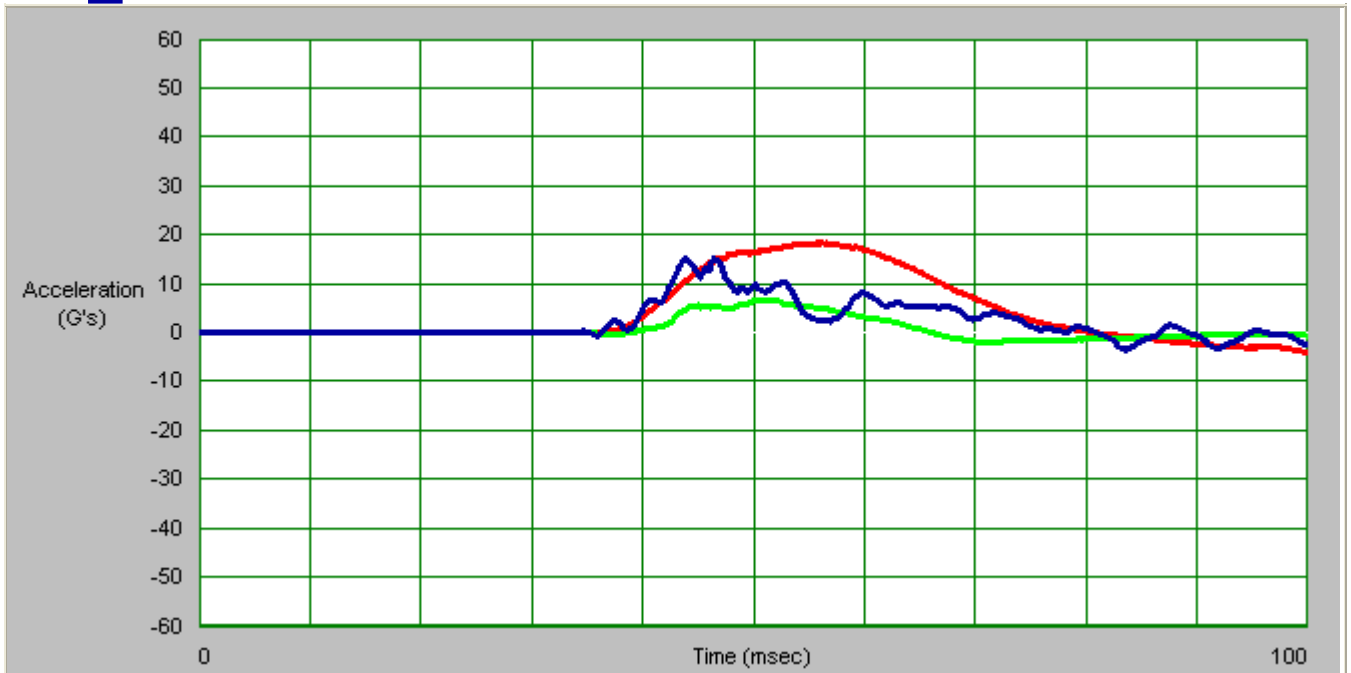
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TESTING / INSPECTION REPORT

Edge-3

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	18.23	37.10	171.42	220.00	18.23	-4.23
Ch2	Y axis	6.69	24.90	39.49	220.00	6.69	-2.04
Ch3	Z axis	15.25	35.40	93.71	220.00	15.25	-3.51



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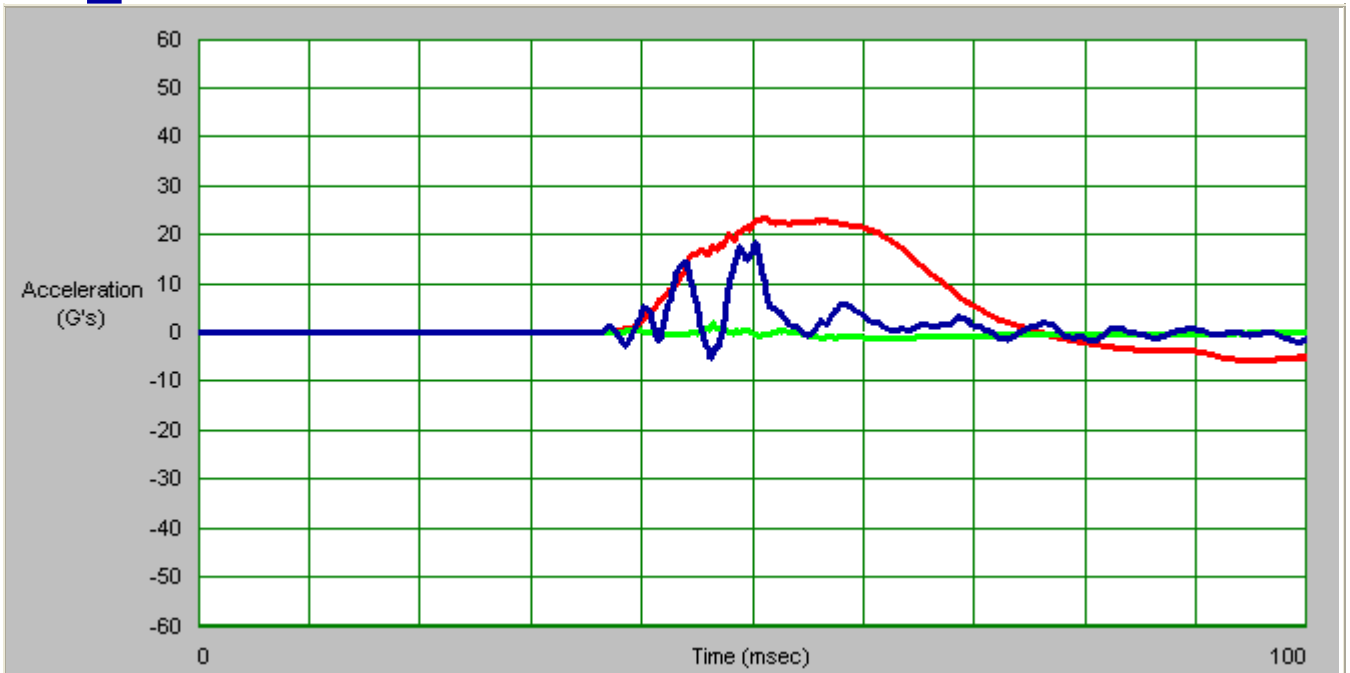
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TESTING / INSPECTION REPORT

Face-1

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	23.36	32.60	199.74	220.00	23.36	-5.91
Ch2	Y axis	1.86	2.30	0.64	220.00	1.86	-1.35
Ch3	Z axis	18.58	5.90	24.18	220.00	18.58	-5.14

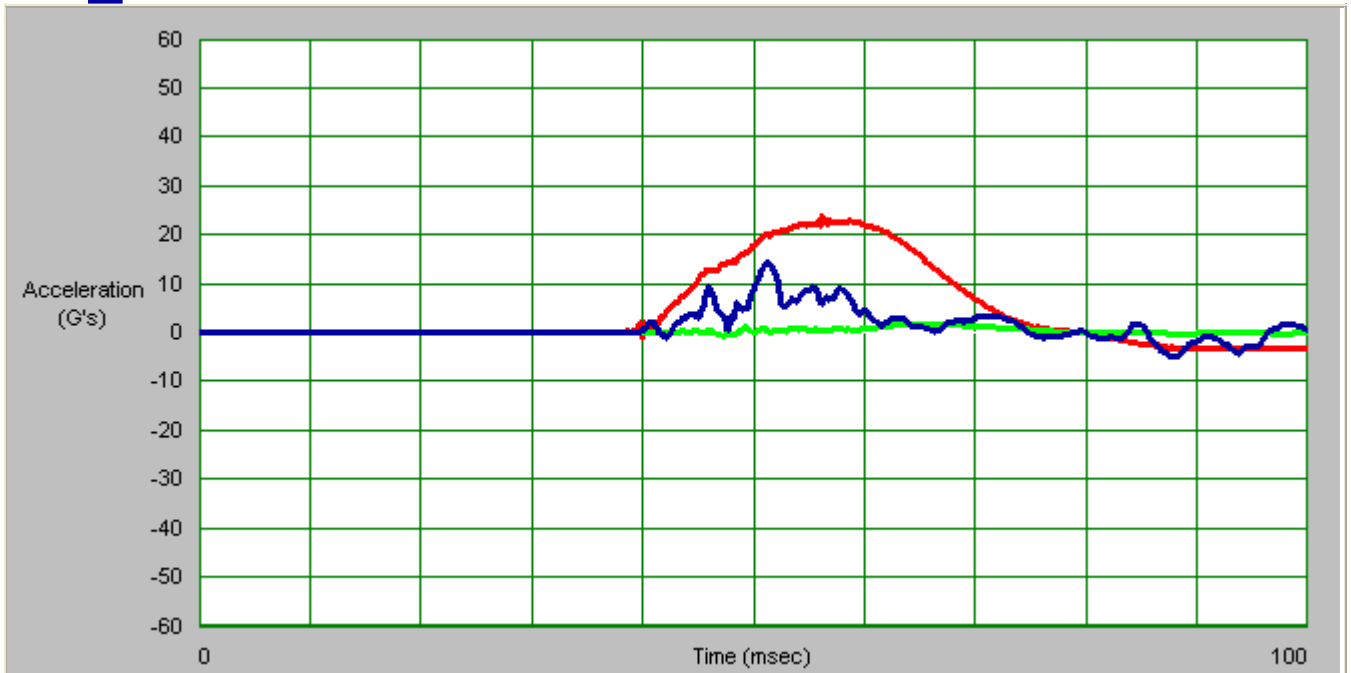


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Face-2

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	23.80	32.20	186.43	220.00	23.80	-3.49
Ch2	Y axis	1.82	25.40	9.65	220.00	1.82	-0.76
Ch3	Z axis	14.18	13.80	48.74	220.00	14.18	-5.11

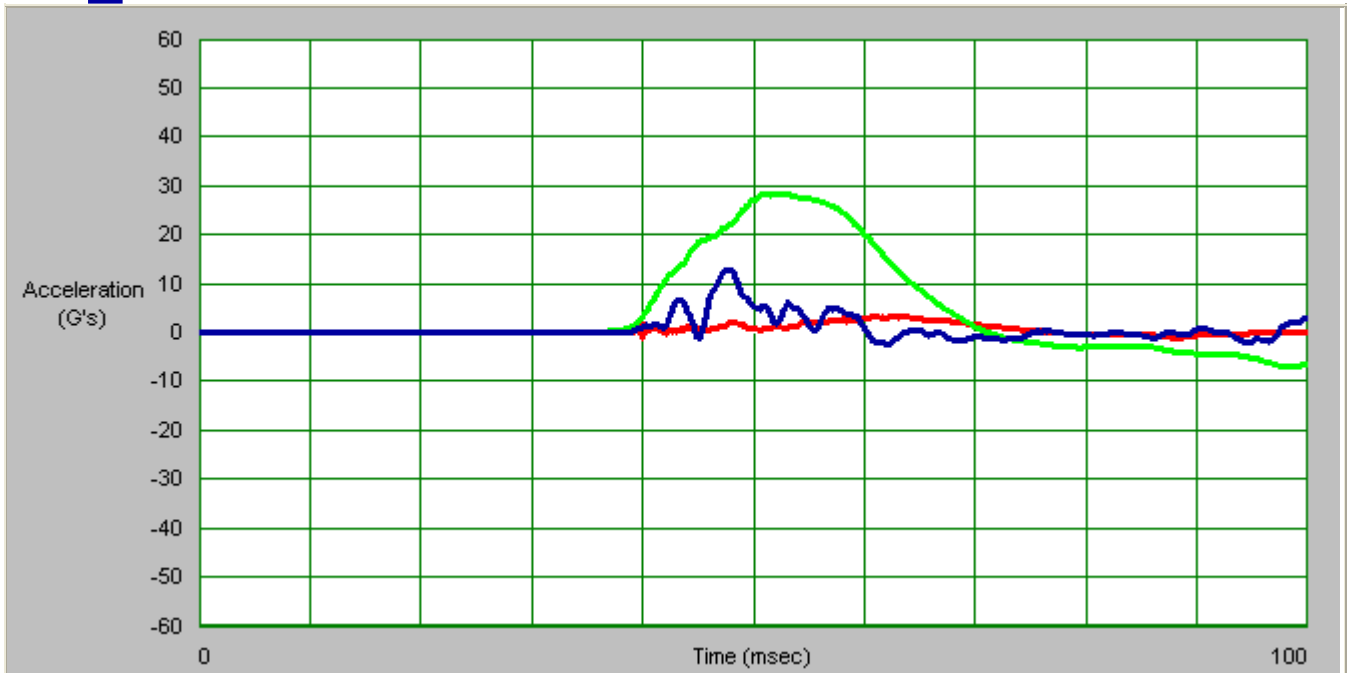


TESTING / INSPECTION REPORT

Face-3

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	3.20	32.00	21.73	220.00	3.20	-1.07
Ch2	Y axis	28.45	28.80	202.99	220.00	28.45	-7.16
Ch3	Z axis	12.87	9.80	29.96	220.00	12.87	-2.39

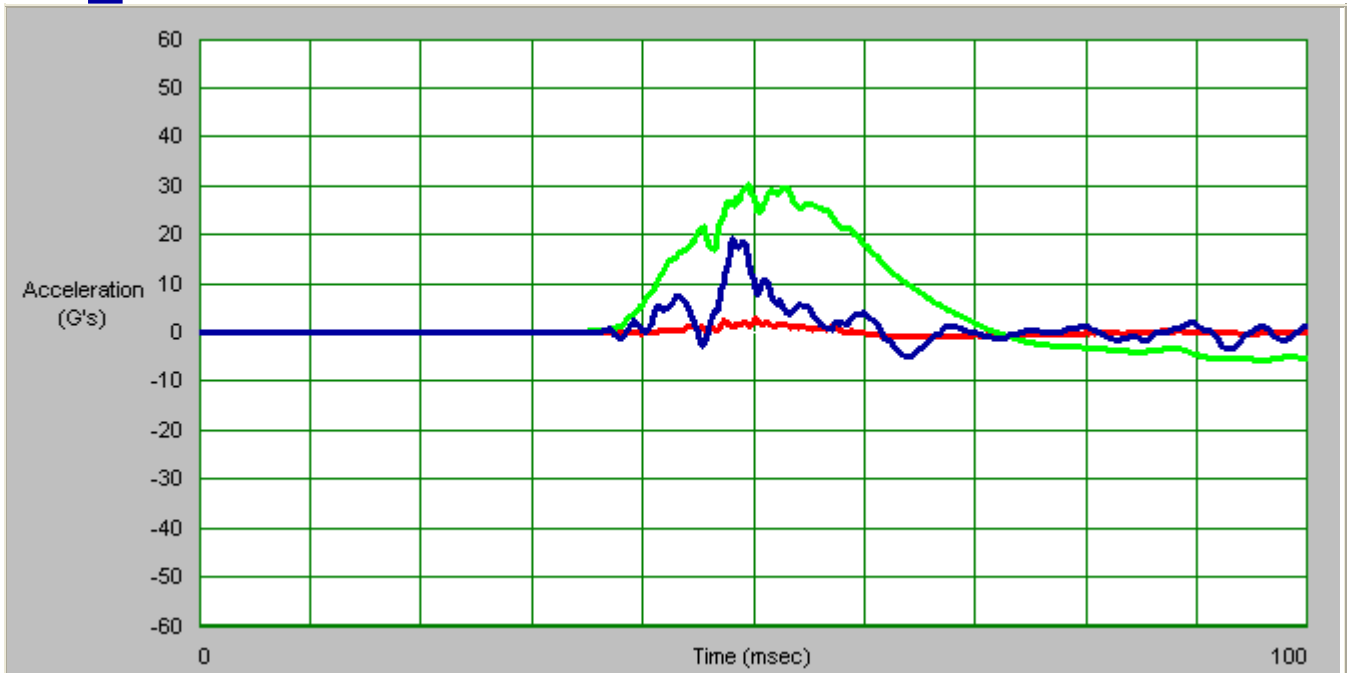


TESTING / INSPECTION REPORT

Face-4

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	2.94	15.80	7.19	220.00	2.94	-0.91
Ch2	Y axis	30.13	30.30	206.51	220.00	30.13	-5.71
Ch3	Z axis	19.09	10.00	37.66	220.00	19.09	-4.94



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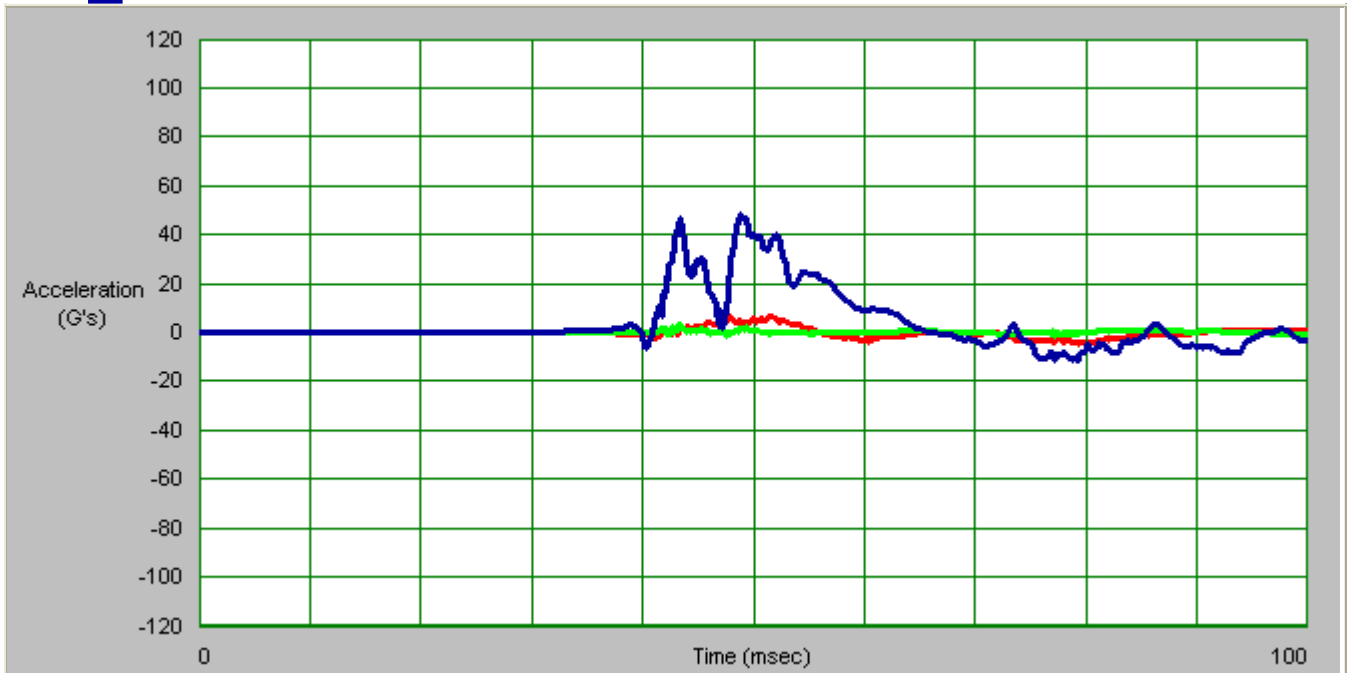
E-mail:service@kdi.tw

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	6.74	12.00	17.65	220.00	6.74	-4.81
Ch2	Y axis	3.42	1.20	1.25	220.00	3.42	-1.64
Ch3	Z axis	47.99	16.40	196.78	220.00	47.99	-11.71



TESTING / INSPECTION REPORT

Face-6

Acceleration vs Time

	Channel Description:	G's	msec	In/S	Filter Hz	Max G's	Min G's
Ch1	X axis	2.82	12.10	8.03	220.00	2.82	-2.24
Ch2	Y axis	3.35	8.90	6.65	220.00	3.35	-2.15
Ch3	Z axis	42.10	23.80	204.16	220.00	42.10	-14.60



-END-