



Data sheet

Highly Accelerated Life Test (HALT)

Company name	Data Panel	Performed by	DJL/MJC	Pages	1 of 11
Job number	52911-8	Specification	Customer		
DUT description	DP Block and Mini Combo	Test date(s)	4/11/16 – 4/12/16		

Device under test information		
Description	Model / part number	Serial number
DP Block and Mini Combo (2)	N/A	N/A

Equipment list					
503-173	204-542	380-620			
400-070	480-163				

Temperature	Vibration	Start	Stop	Comments / notes	Date
0°C	0	9:35	9:50	Test unit operation by customer	4/11/16
-10°C	0	9:55	10:05		4/11/16
-20°C	0	10:09	10:19	Temperature controlled on UUT thermocouple	4/11/16
-30°C	0	10:20	10:30		4/11/16
-40°C	0	10:31	10:41		4/11/16
-50°C	0	10:41	10:51		4/11/16
-60°C	0	10:52	11:02		4/11/16
-70°C	0	11:03	11:13		4/11/16
-80°C	0	11:14	11:20	UUT alarm went off, halted test	4/11/16
25°C	0	11:26		Replaced test unit	4/11/16
30°C	0	11:42	11:52		4/11/16
40°C	0	11:55	12:05		4/11/16
50°C	0	12:08	12:18	Per customer, set temperature to 80°C	4/11/16
80°C	0	12:20	12:30		4/11/16
90°C	0	12:32	12:42	Per customer. Change dwell time to 5 minutes	4/11/16
100°C	0	12:44	12:49	Per customer, return to ambient	4/11/16
25°C	0	1:05			4/11/16
-60°C	0	1:15	1:25	Thermal cycle #1	4/11/16
100°C	0	1:35	1:45		4/11/16
-60°C	0	2:00	2:10	Thermal cycle #2	4/11/16
100°C	0	2:16	2:26		4/11/16
-60°C	0	2:40	2:50	Thermal cycle #3	4/11/16
100°C	0	3:00	3:10		4/11/16
25°C	0			Return to ambient	4/11/16
25°C	10 grms	10:17	10:27	Vibration at ambient (25°C)	4/12/16
25°C	20 grms	10:29	10:39		4/12/16
25°C	30 grms	10:41	10:51		4/12/16
25°C	5 grms	10:52	10:52	"tickle vibration"	4/12/16

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Photograph 1: DUT identification, XXXX

Photograph 2: View of external equipment utilized during testing

Photograph 3: View of test setup inside chamber

Photograph 4:

Photograph 5:

Photograph 6:

Photograph 7:

Photograph 8:

Photograph 9:

Photograph 10:

Photograph 11:

Photograph 12:

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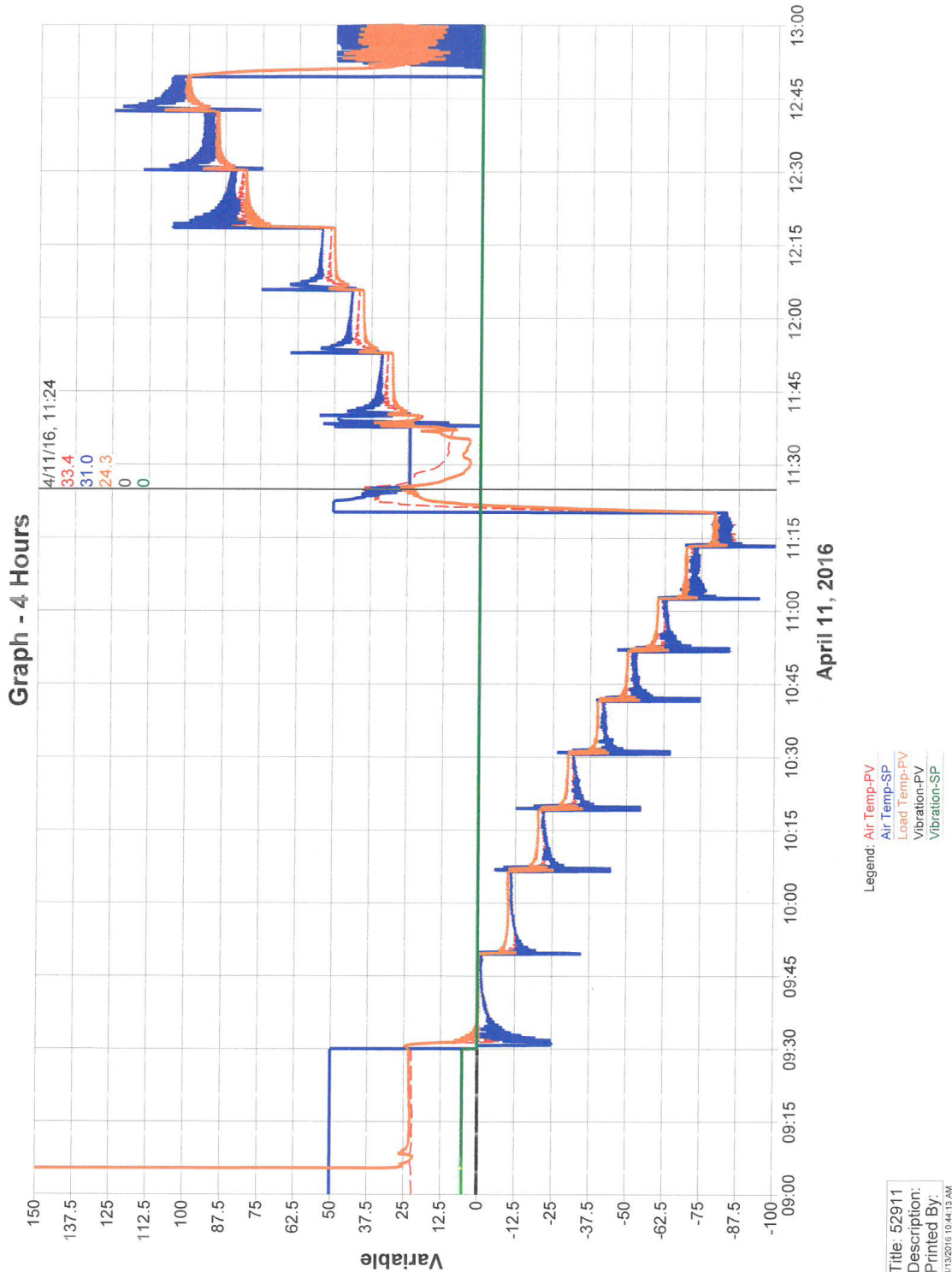


Figure 1:

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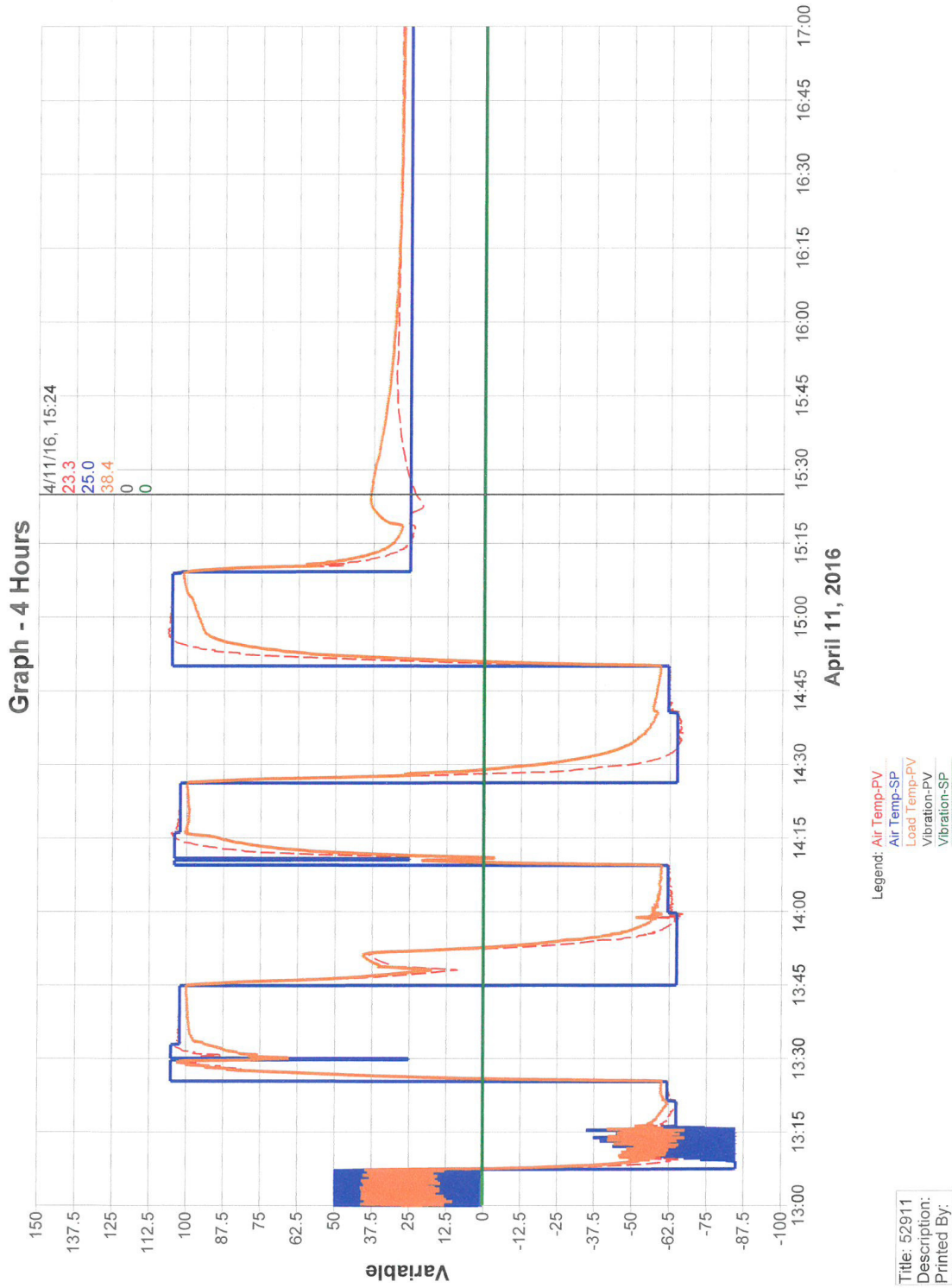


Figure 2:

Data sheet Highly Accelerated Life Test (HALT)

Company name	Data Panel	Performed by	DJL/MJC	Pages	10 of 11
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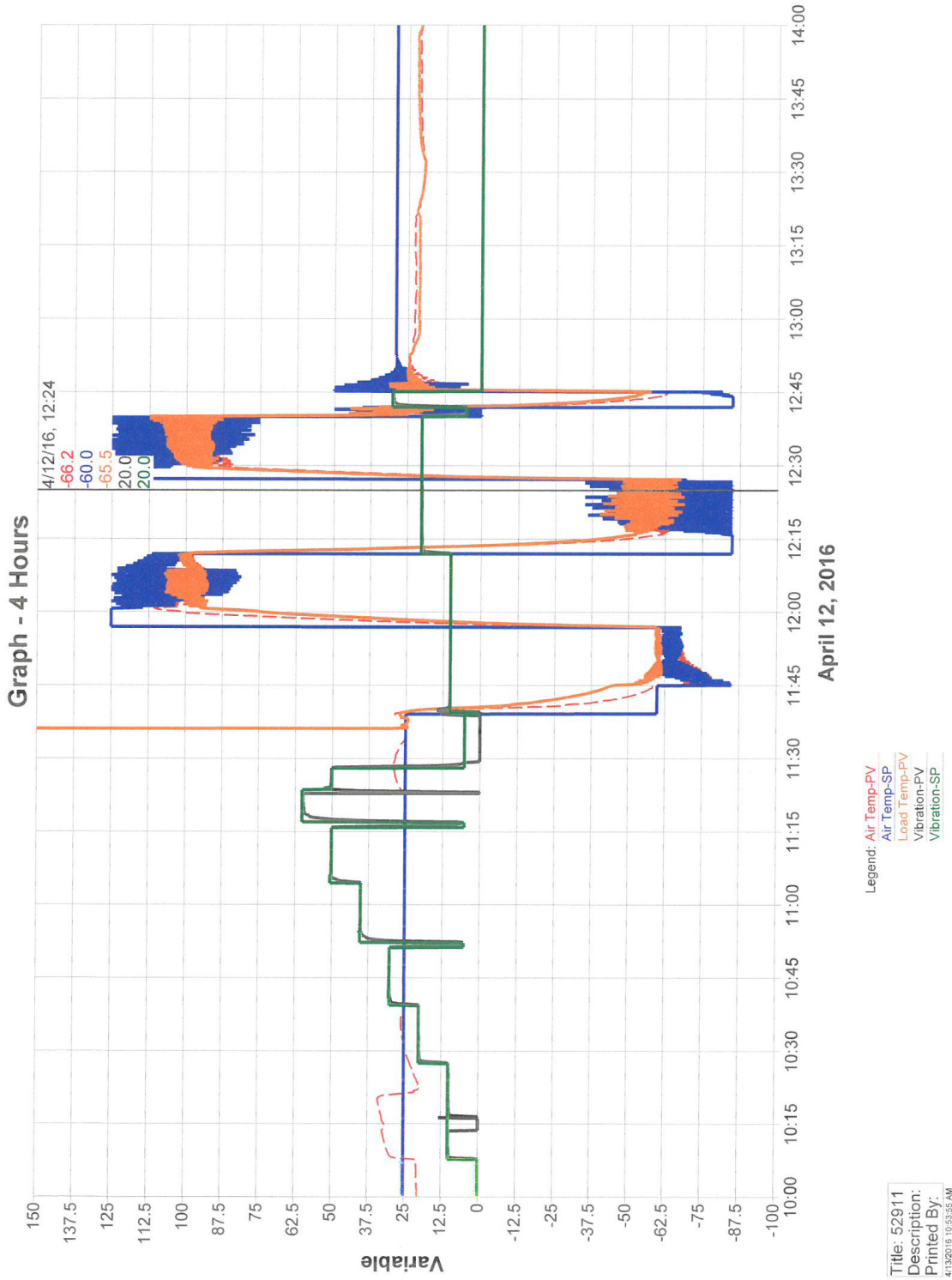


Figure 3:

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