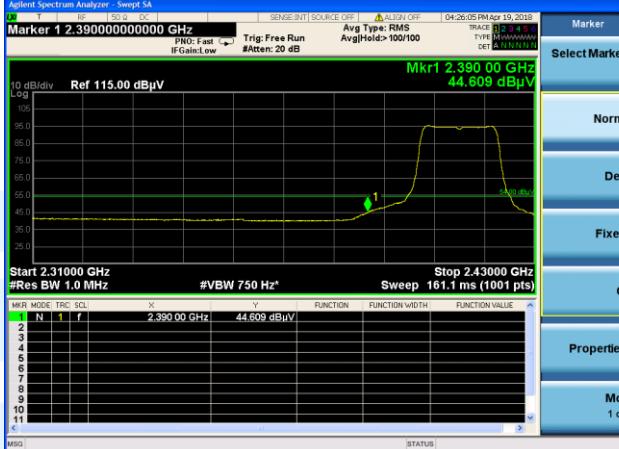
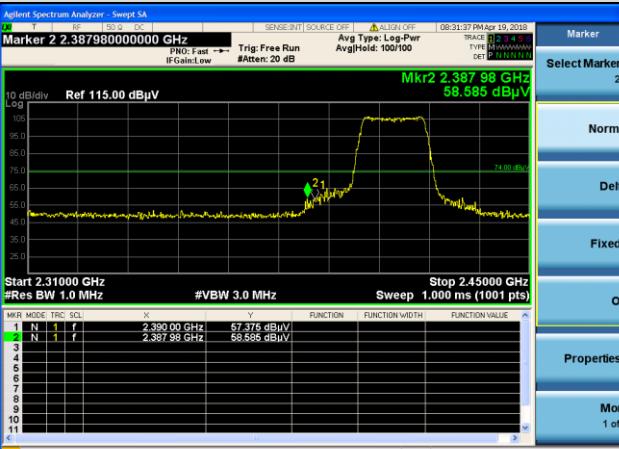
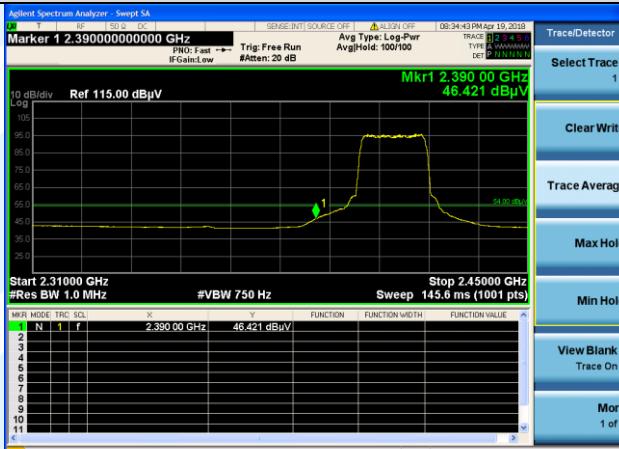


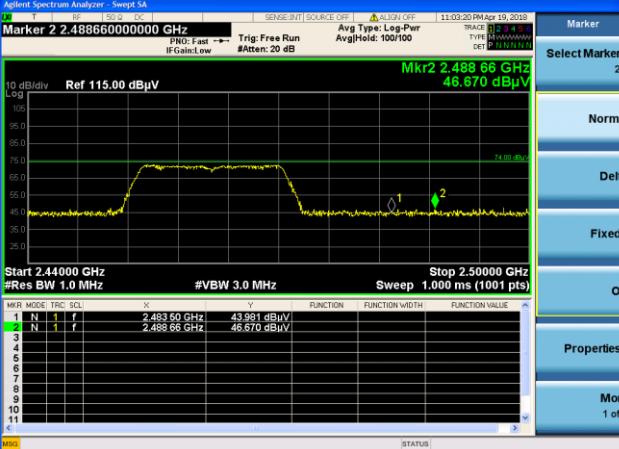
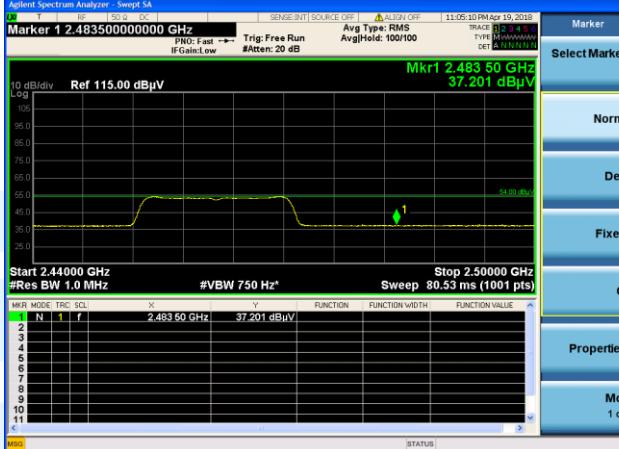
Test Channel:	Highest Channel	Ant. Polar. :	Horizontal
Peak		Avg.	
	 Start 2.44000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 2.50000 GHz Sweep 1.000 ms (1001 pts)	 Start 2.44000 GHz #Res BW 1.0 MHz #VBW 750 Hz* Stop 2.50000 GHz Sweep 80.53 ms (1001 pts)	
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2483.50	44.497	74	37.519
2489.20	46.546	74	N/A
			Conclusion
			Pass
			Pass

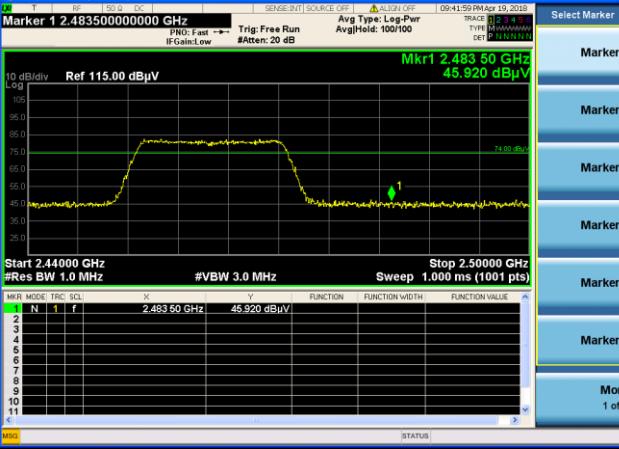
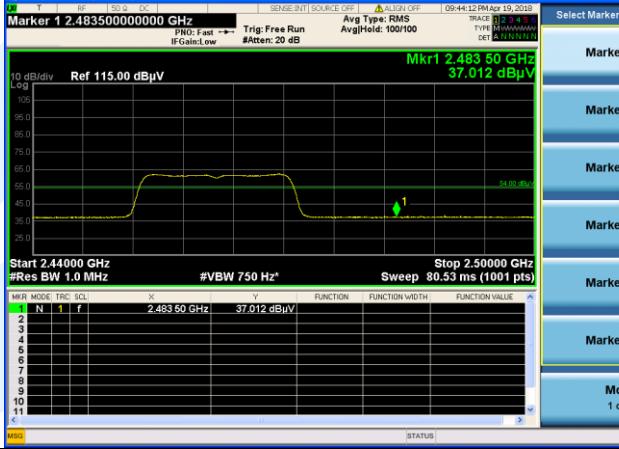
Test Channel:	Highest Channel	Ant. Polar. :	Vertical
Peak		Avg.	
	 Start 2.44000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 2.50000 GHz Sweep 1.000 ms (1001 pts)	 Start 2.44000 GHz #Res BW 1.0 MHz #VBW 750 Hz* Stop 2.50000 GHz Sweep 80.53 ms (1001 pts)	
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2483.5	43.526	74	37.048
2486.68	47.577	74	N/A
			Conclusion
			Pass
			Pass

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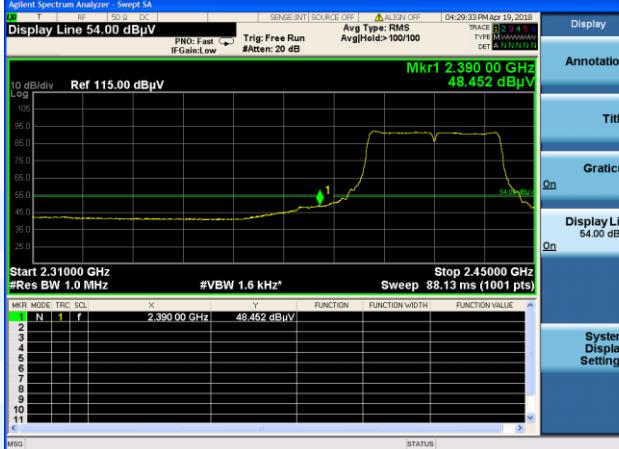
Test Channel:		Lowest Channel	Ant. Polar. :		Horizontal
Peak			Avg.		
					
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion
2400.00	64.452	74	44.609	54	Pass

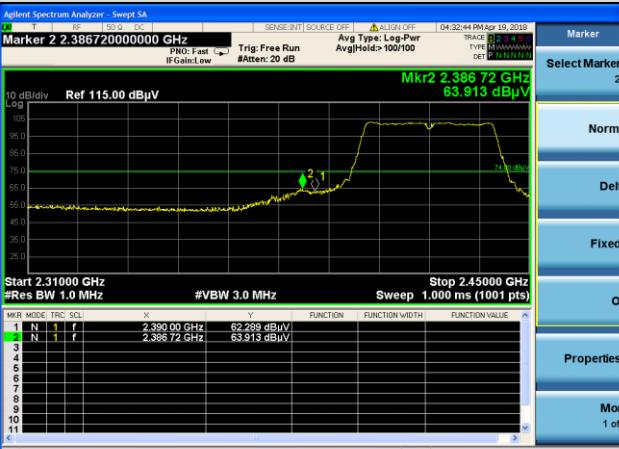
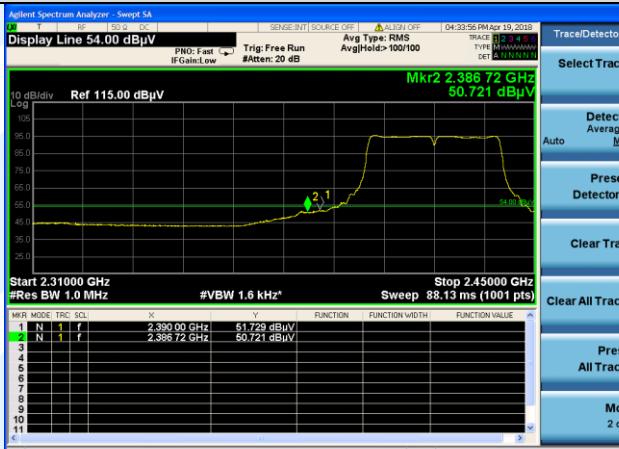
Test Channel:		Lowest Channel	Ant. Polar. :		Vertical
Peak			Avg.		
					
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion
2387.98	58.585	74	N/A	54	Pass
2390.00	57.375	74	46.421	54	Pass

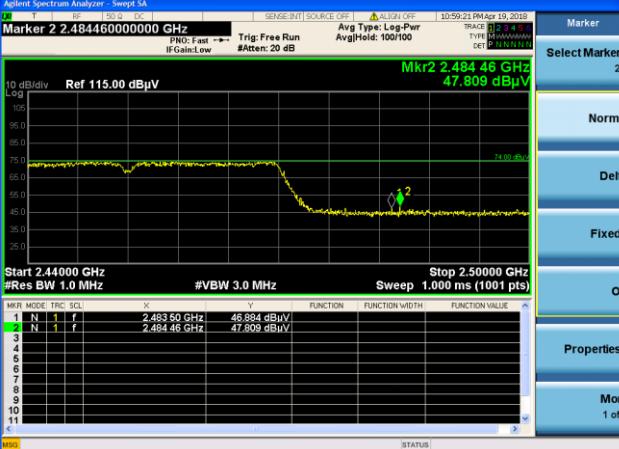
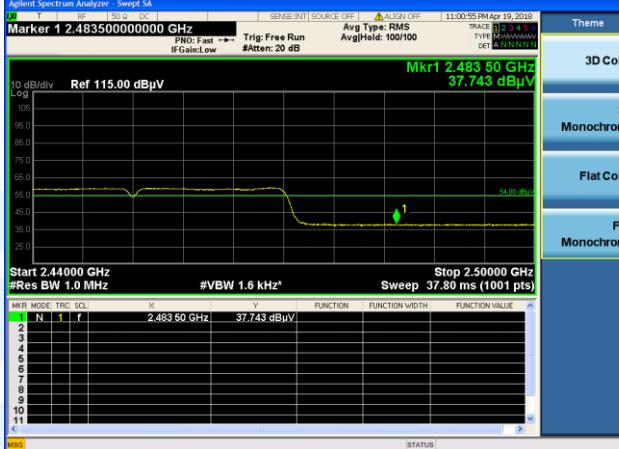
Test Channel:	Highest Channel	Ant. Polar. :	Horizontal
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2483.50	43.981	74	37.201
2488.66	46.670	74	N/A
			Conclusion
			Pass

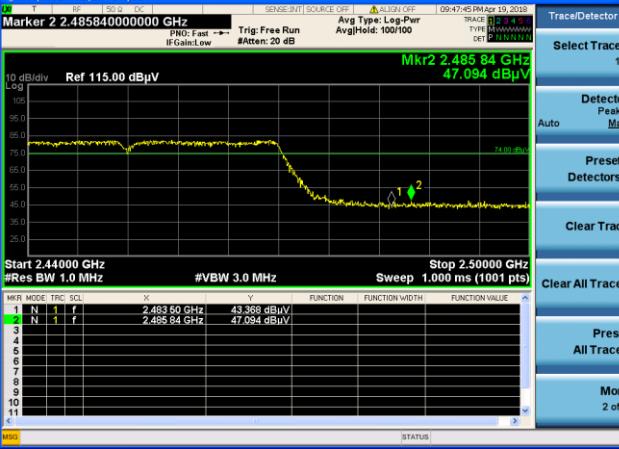
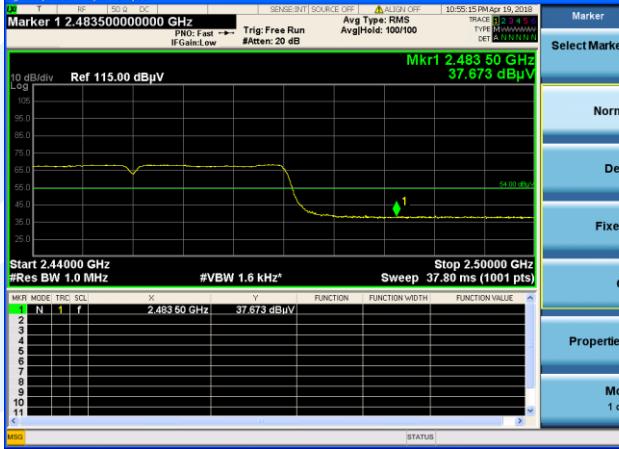
Test Channel:	Highest Channel	Ant. Polar. :	Vertical
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2483.50	45.920	74	37.012
			Conclusion
			Pass

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Test Channel:		Lowest Channel	Ant. Polar. :		Horizontal
Peak			Avg.		
					
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion
2390.00	60.467	74	48.452	54	Pass

Test Channel:		Lowest Channel	Ant. Polar. :		Vertical
Peak			Avg.		
					
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion
2386.72	63.913	74	50.721	54	Pass
2390.00	62.289	74	51.729	54	Pass

Test Channel:	Highest Channel	Ant. Polar. :	Horizontal
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2483.50	46.884	74	37.743
2484.46	47.809	74	N/A

Test Channel:	Highest Channel	Ant. Polar. :	Vertical
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2483.50	43.368	74	37.673
2485.84	47.094	74	N/A

Model No.: W7LM1110A
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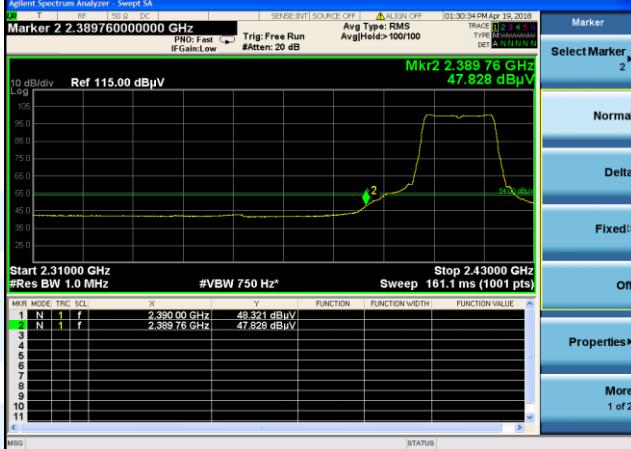
Test Channel:		Lowest Channel	Ant. Polar. :		Horizontal
Peak			Avg.		
Frequency (MHz)	Peak level (dBm/m)	Peak Limit (dBm/m)	AV level (dBm/m)	AV Limit (dBm/m)	Conclusion
2390.00	54.604	74	40.615	54	Pass

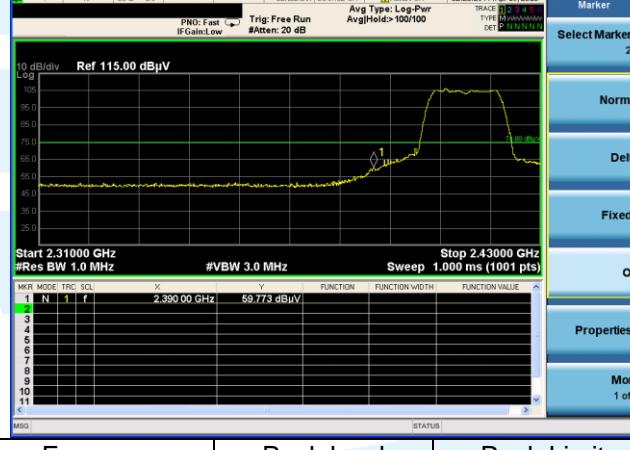
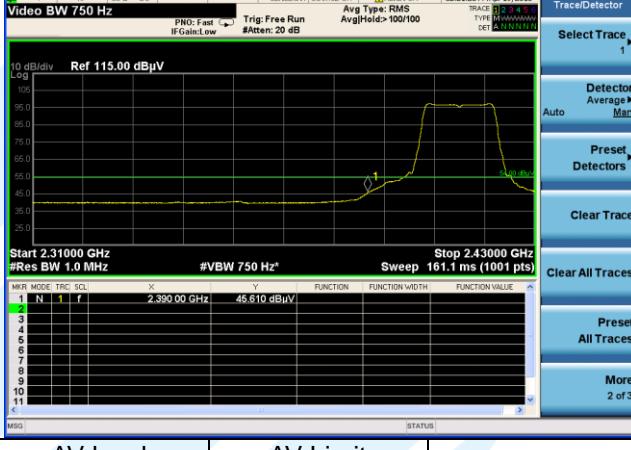
Test Channel:		Lowest Channel	Ant. Polar. :		Vertical
Peak			Avg.		
Frequency (MHz)	Peak level (dBm/m)	Peak Limit (dBm/m)	AV level (dBm/m)	AV Limit (dBm/m)	Conclusion
2390.00	49.740	74	38.401	54	Pass

Test Channel:	Highest Channel	Ant. Polar. :	Horizontal
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2483.50	47.726	74	38.304
2487.16	49.826	74	37.836
			AV Limit (dBuv/m) Conclusion
			54 Pass
			54 Pass

Test Channel:	Highest Channel	Ant. Polar. :	Vertical
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2483.50	49.265	74	38.819
2487.34	50.396	74	38.256
			AV Limit (dBuv/m) Conclusion
			54 Pass
			54 Pass

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Test Channel:	Lowest Channel	Ant. Polar. :	Horizontal
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2389.76	64.891	74	47.828
2390.00	61.339	74	48.321

Test Channel:	Lowest Channel	Ant. Polar. :	Vertical
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2390.00	59.773	74	45.610

Test Channel:	Highest Channel	Ant. Polar. :	Horizontal
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBuv/m)	AV level (dBuv/m)	Conclusion
2483.50	56.782	43.194	Pass

Test Channel:	Highest Channel	Ant. Polar. :	Vertical
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBuv/m)	AV level (dBuv/m)	Conclusion
2483.50	56.551	42.647	Pass

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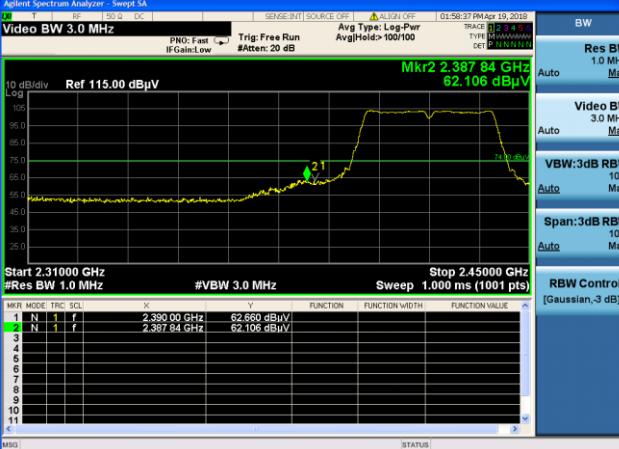
Test Channel:	Lowest Channel	Ant. Polar. :	Horizontal	
Peak		Avg.		
Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	AV level (dBm)	
2390.00	61.396	74	47.827	
Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	AV Limit (dBm)	Conclusion
2390.00	61.396	74	54	Pass

Test Channel:	Lowest Channel	Ant. Polar. :	Vertical	
Peak		Avg.		
Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	AV level (dBm)	
2388.48	59.326	74	43.249	
2390.00	57.098	74	44.532	
Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	AV Limit (dBm)	Conclusion
2388.48	59.326	74	54	Pass
2390.00	57.098	74	54	Pass

Test Channel:	Highest Channel	Ant. Polar. :	Horizontal
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBuv/m)	AV level (dBuv/m)	Conclusion
2483.50	55.327	43.955	Pass

Test Channel:	Highest Channel	Ant. Polar. :	Vertical
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBuv/m)	AV level (dBuv/m)	Conclusion
2483.50	54.499	42.809	Pass
2484.64	57.511	41.532	Pass

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Test Channel:	Lowest Channel	Ant. Polar. :	Horizontal
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	AV level (dBm)
2387.84	62.106	74	51.463
2390.00	62.660	74	52.265

Test Channel:	Lowest Channel	Ant. Polar. :	Vertical
Peak		Avg.	
			
Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	AV level (dBm)
2387.28	64.563	74	50.946
2390.00	63.604	74	51.897

Test Channel:	Highest Channel	Ant. Polar. :	Horizontal
Peak		Avg.	
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2483.50	56.810	74	48.525
2484.58	60.658	74	47.854

Test Channel:	Highest Channel	Ant. Polar. :	Vertical
Peak		Avg.	
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)
2483.50	58.490	74	46.878
2484.34	59.893	74	47.143

5.5 CONDUCTED EMISSION

Test Requirement: 47 CFR Part 15C Section 15.207

RSS-Gen Issue 4, Section 8.8

Test Method: ANSI C63.10-2013 Section 6.2

Limits:

Frequency range (MHz)	Limits (dB(μV))	
	Quasi-peak	Average
0,15 to 0,50	66 to 56	56 to 46
0,50 to 5	56	46
5 to 30	60	50

Remark:

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 to 0.50 MHz.

Test Setup: Refer to section 4.4.2 for details.

Test Procedures:

Test frequency range :150KHz-30MHz

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50\Omega/50\mu H + 5\Omega$ linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane.
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Equipment Used: Refer to section 3 for details.

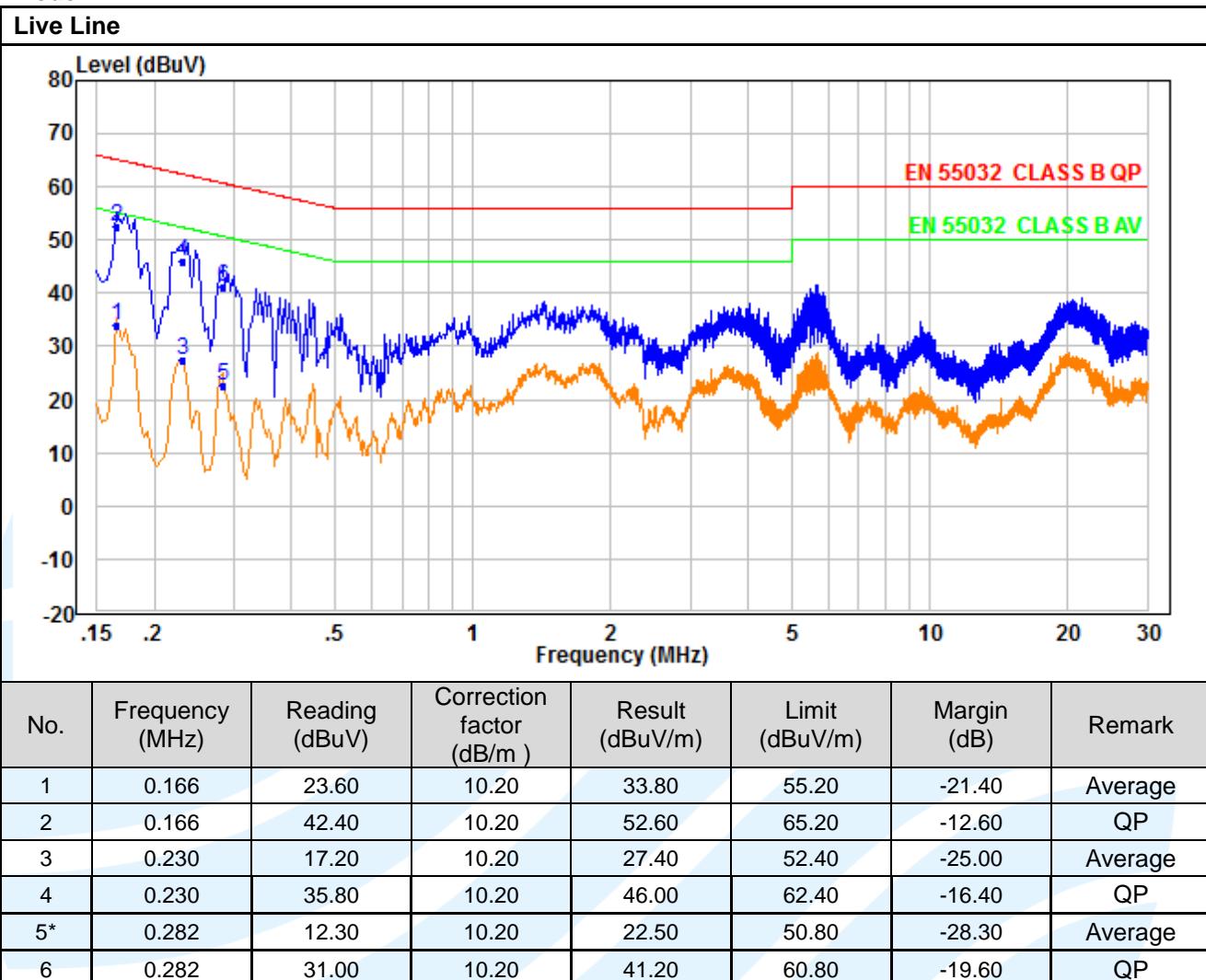
Test Result: Pass

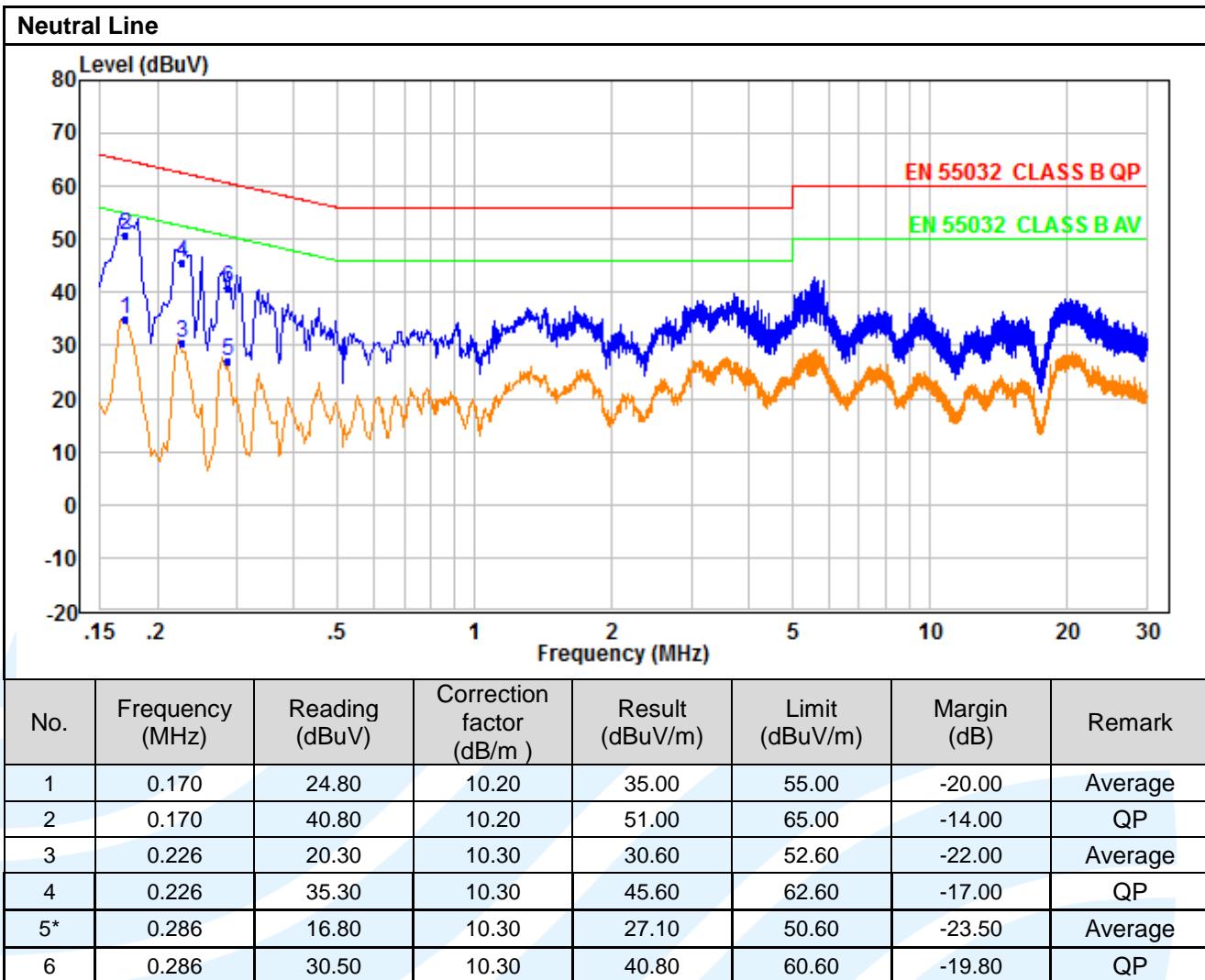
The measurement data as follows:

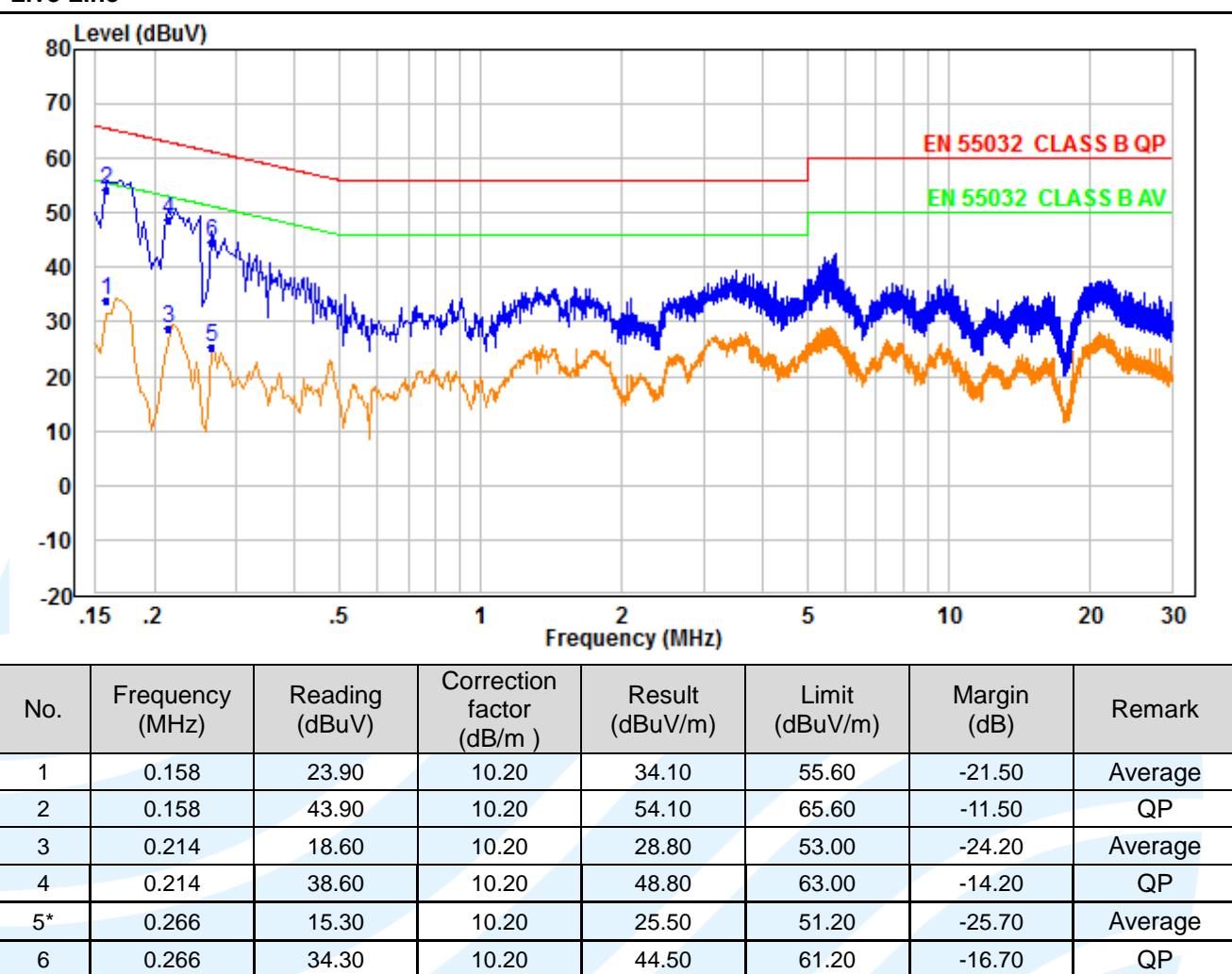
Quasi Peak and Average:

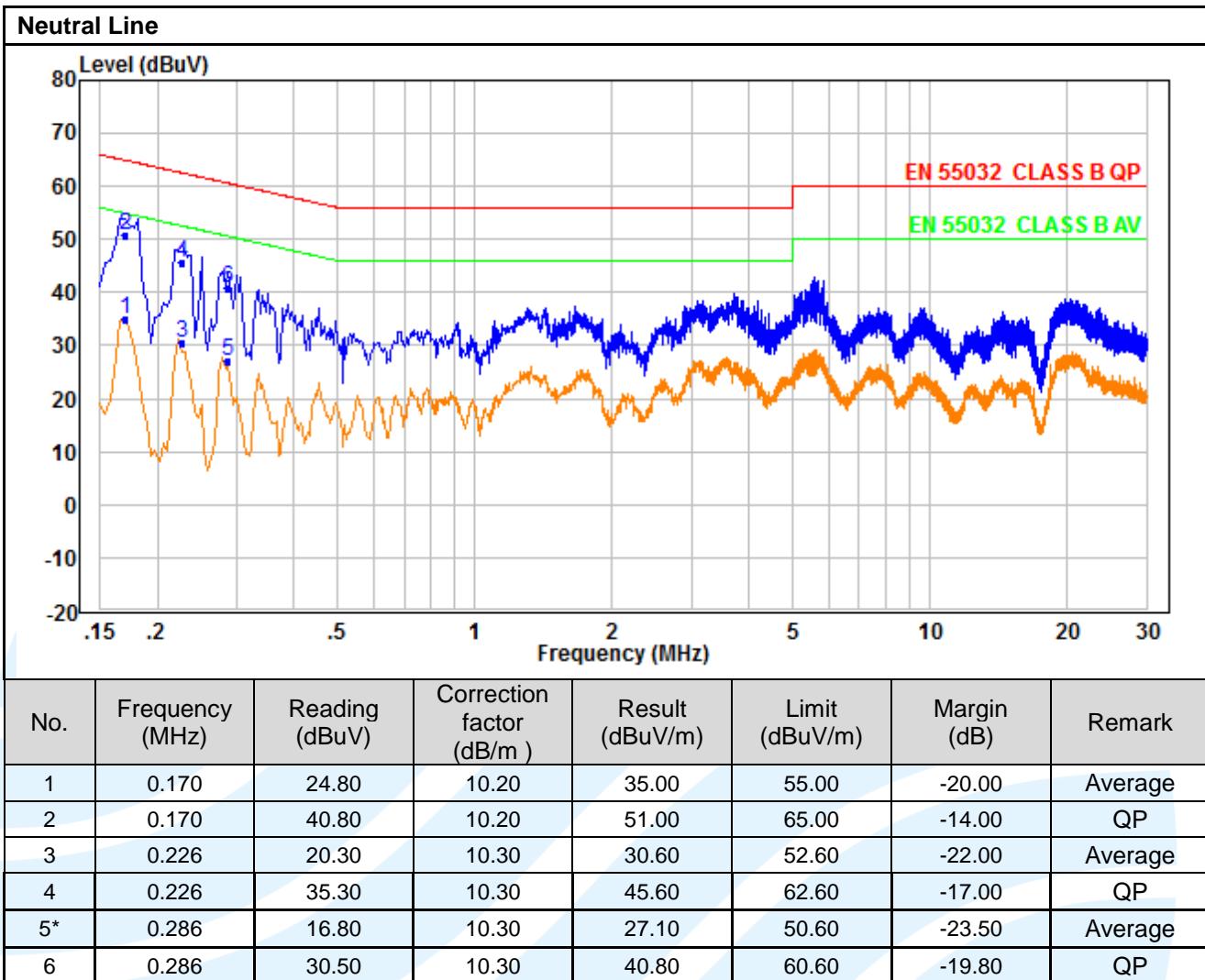
Model No.: W7LM1110

Mode: WIFI Link





Model No.: W7LM1110A
Mode: WIFI Link
Live Line



Remark:

1. An initial pre-scan was performed on the Phase and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of UnionTrust, this report can't be reproduced except in full.
