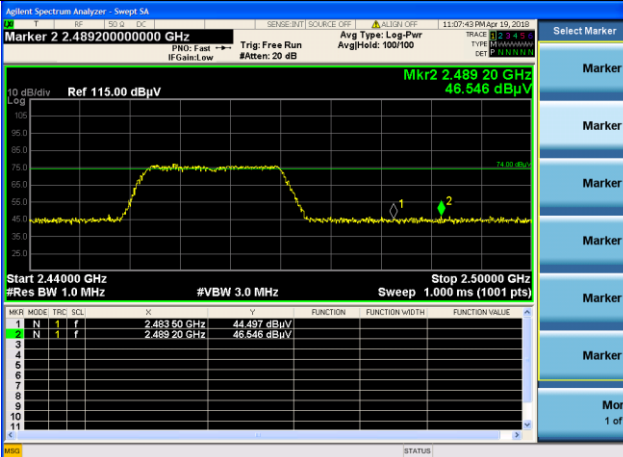
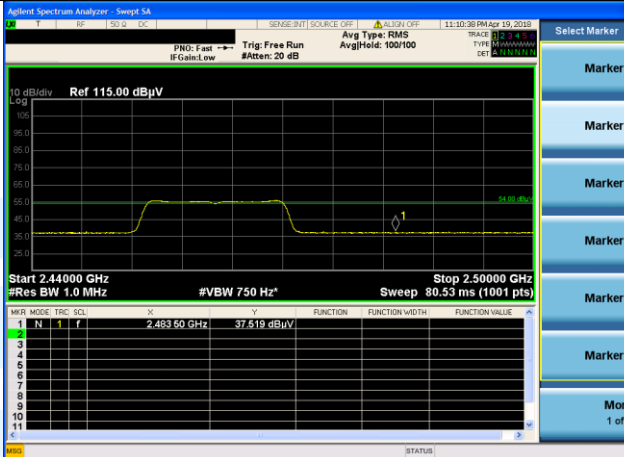
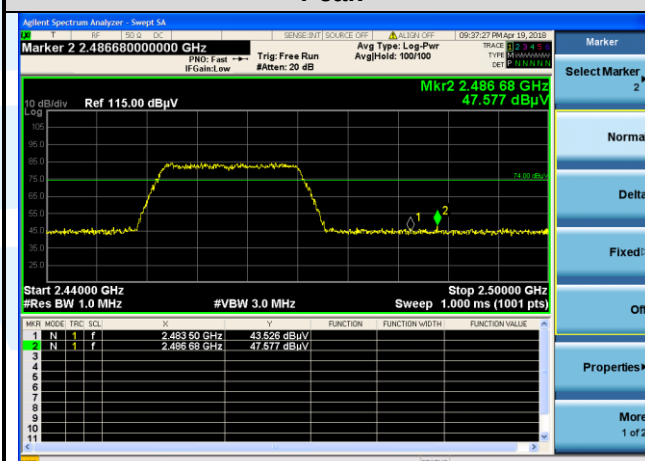
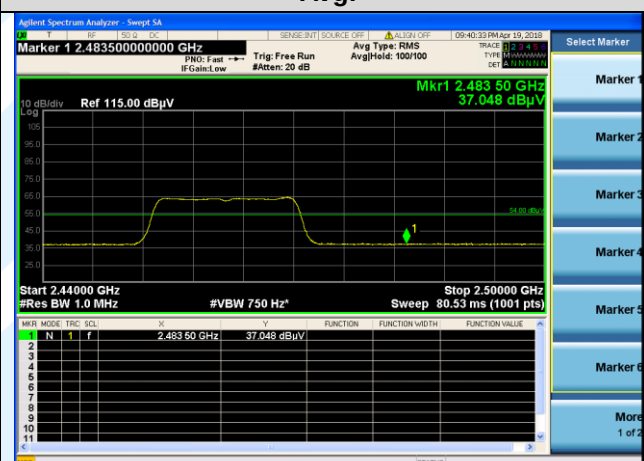
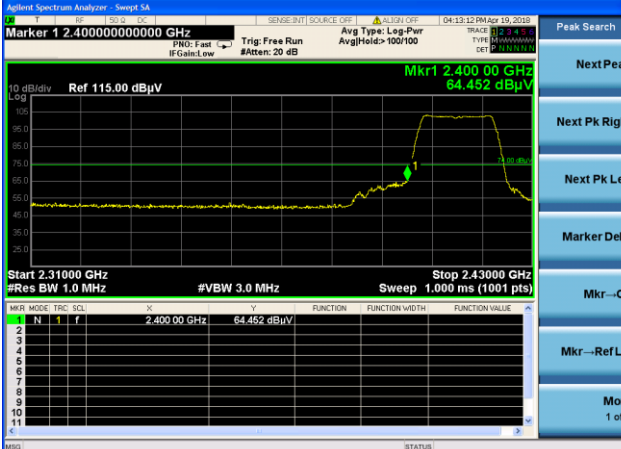
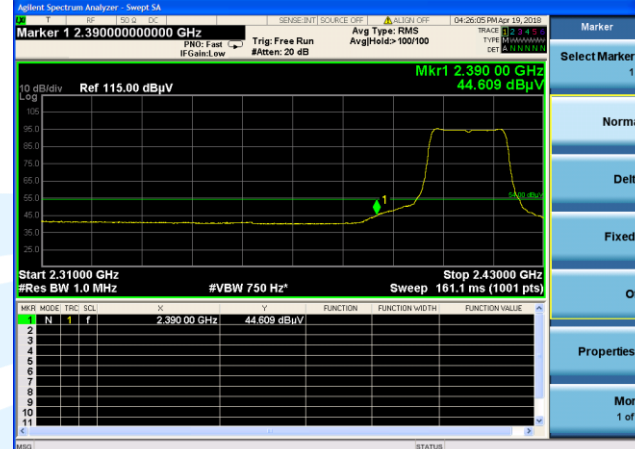
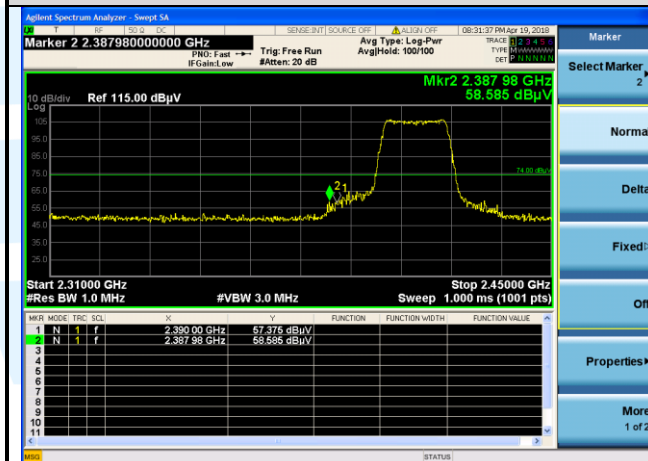
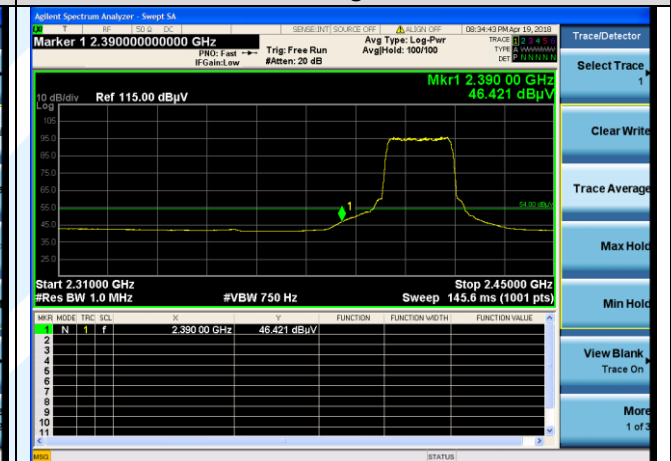


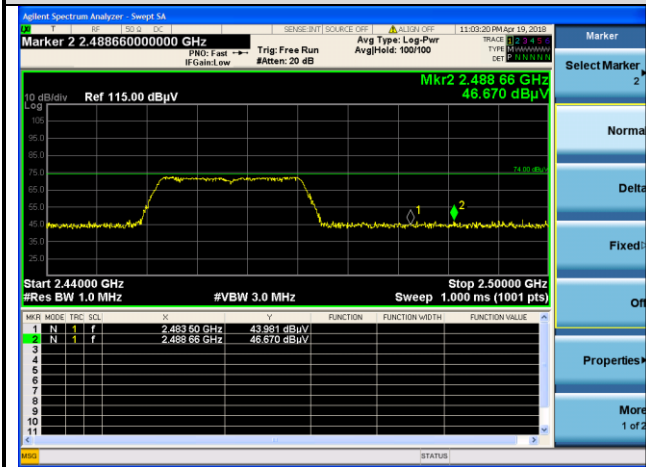
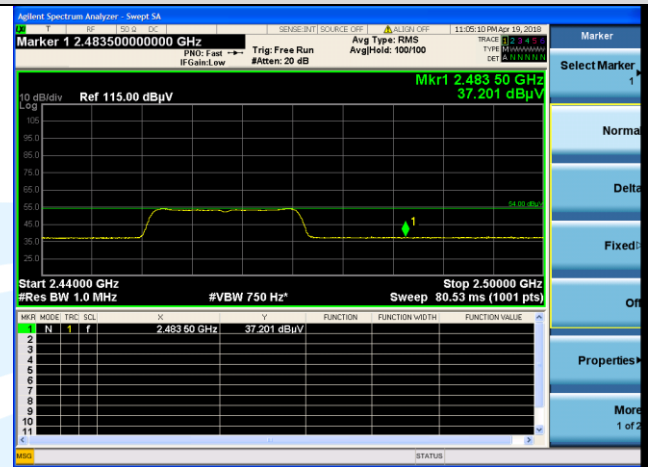
Test Channel:		Highest Channel		Ant. Polar. :		Horizontal	
Peak				Avg.			
							
Frequency (MHz)	Peak level (dBuV/m)	Peak Limit (dBuV/m)	AV level (dBuV/m)	AV Limit (dBuV/m)	Conclusion		
2483.50	44.497	74	37.519	54	Pass		
2489.20	46.546	74	N/A	54	Pass		

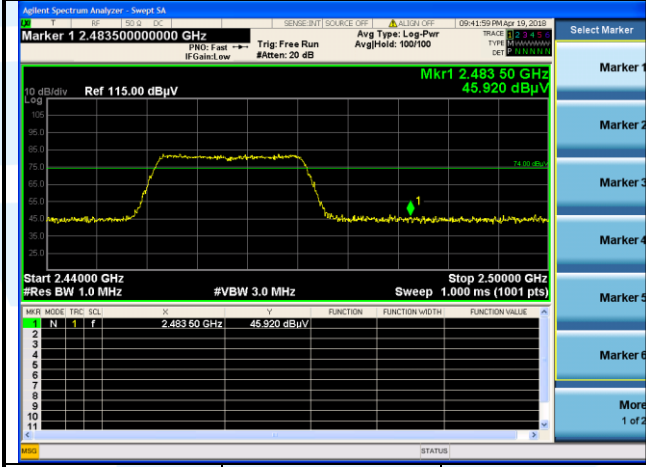
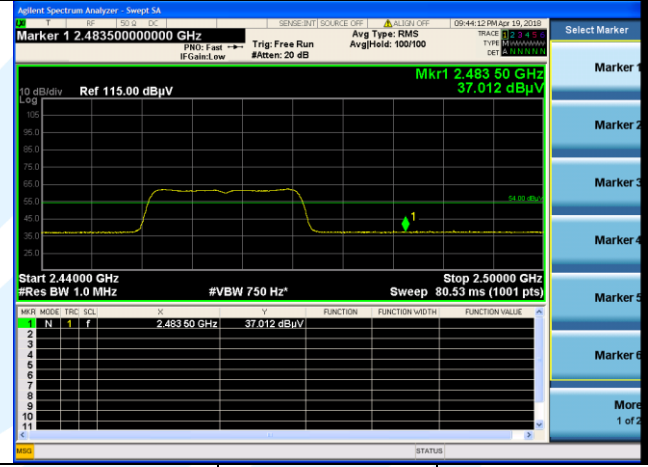
Test Channel:		Highest Channel		Ant. Polar. :		Vertical	
Peak				Avg.			
							
Frequency (MHz)	Peak level (dBuV/m)	Peak Limit (dBuV/m)	AV level (dBuV/m)	AV Limit (dBuV/m)	Conclusion		
2483.5	43.526	74	37.048	54	Pass		
2486.68	47.577	74	N/A	54	Pass		

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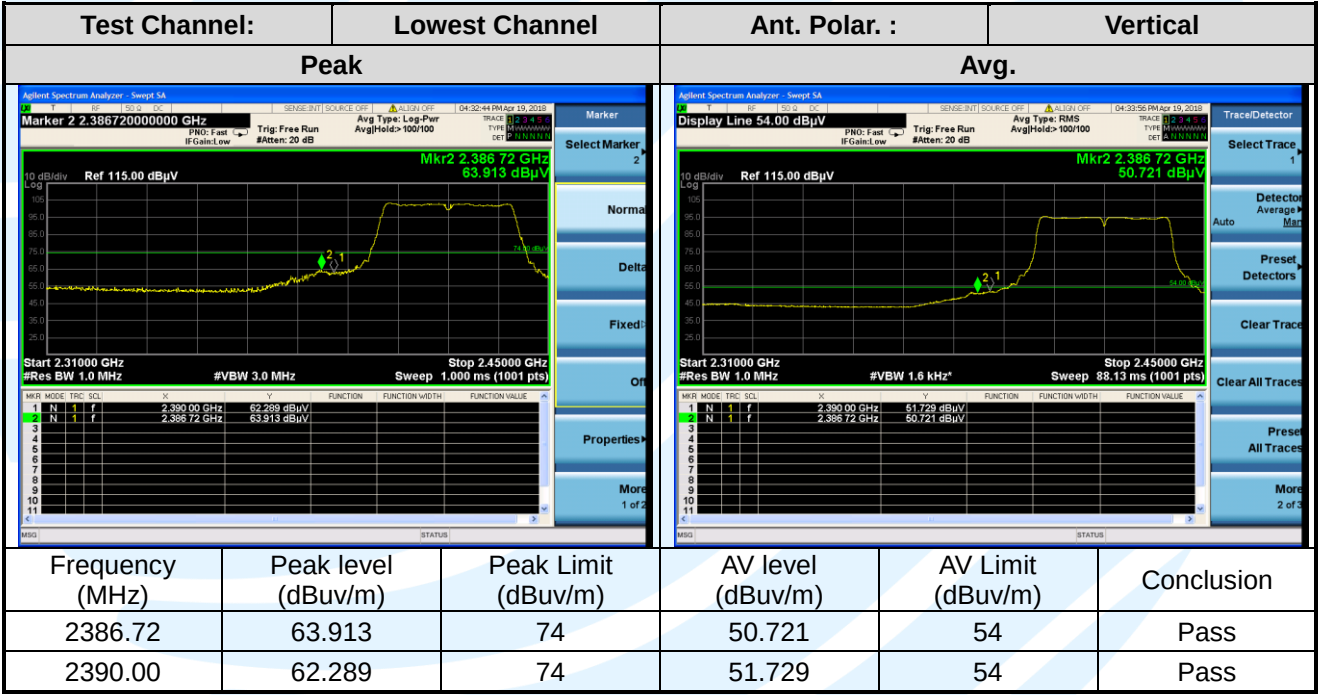
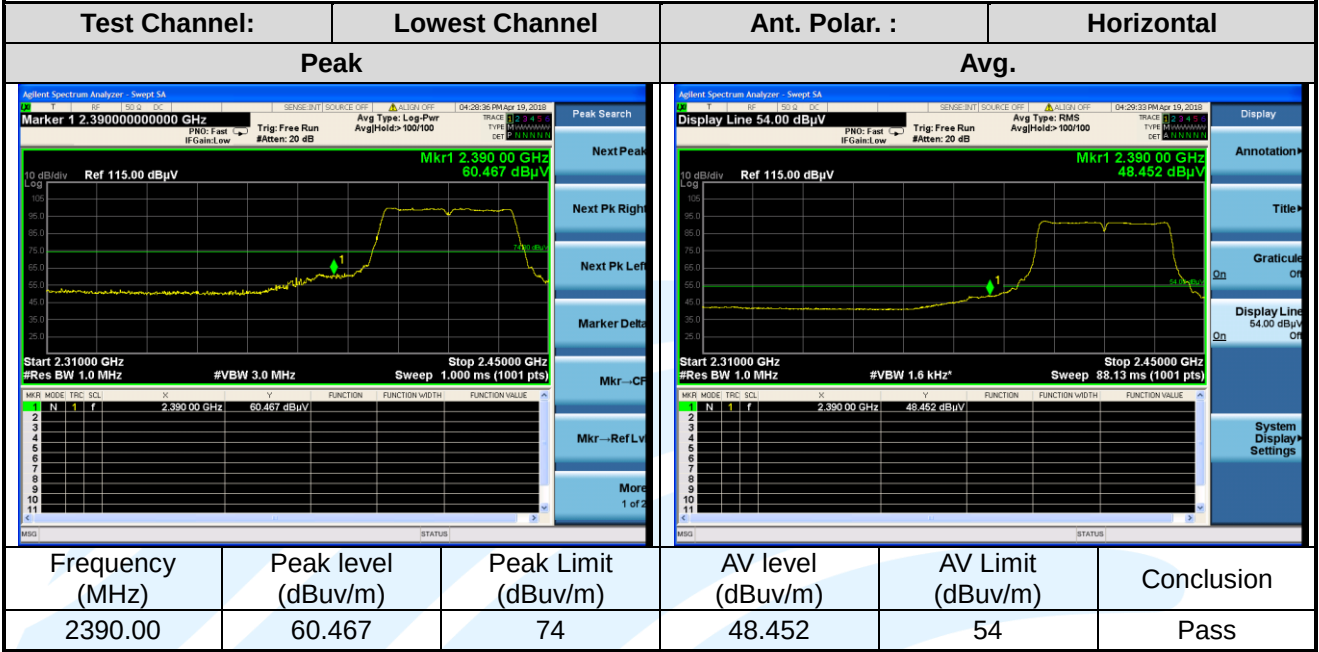
Test Channel:		Lowest Channel		Ant. Polar. :		Horizontal	
Peak				Avg.			
							
Frequency (MHz)	Peak level (dBuV/m)	Peak Limit (dBuV/m)	AV level (dBuV/m)	AV Limit (dBuV/m)	Conclusion		
2400.00	64.452	74	44.609	54	Pass		

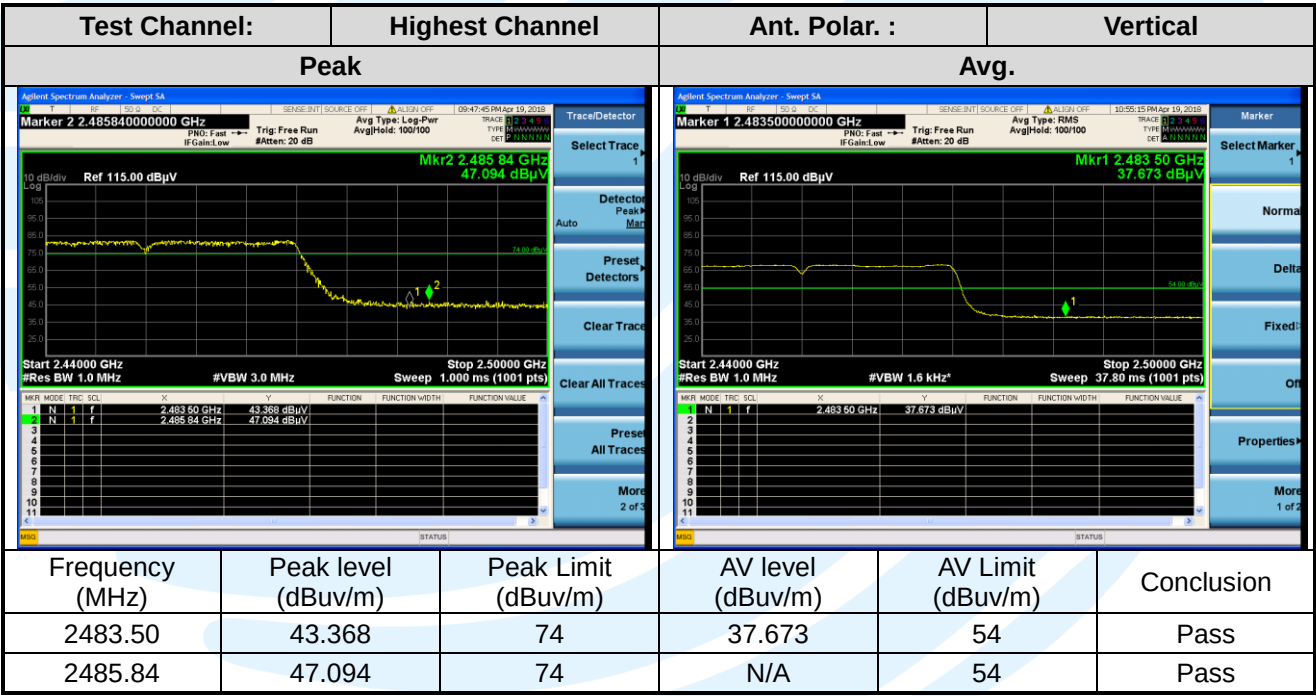
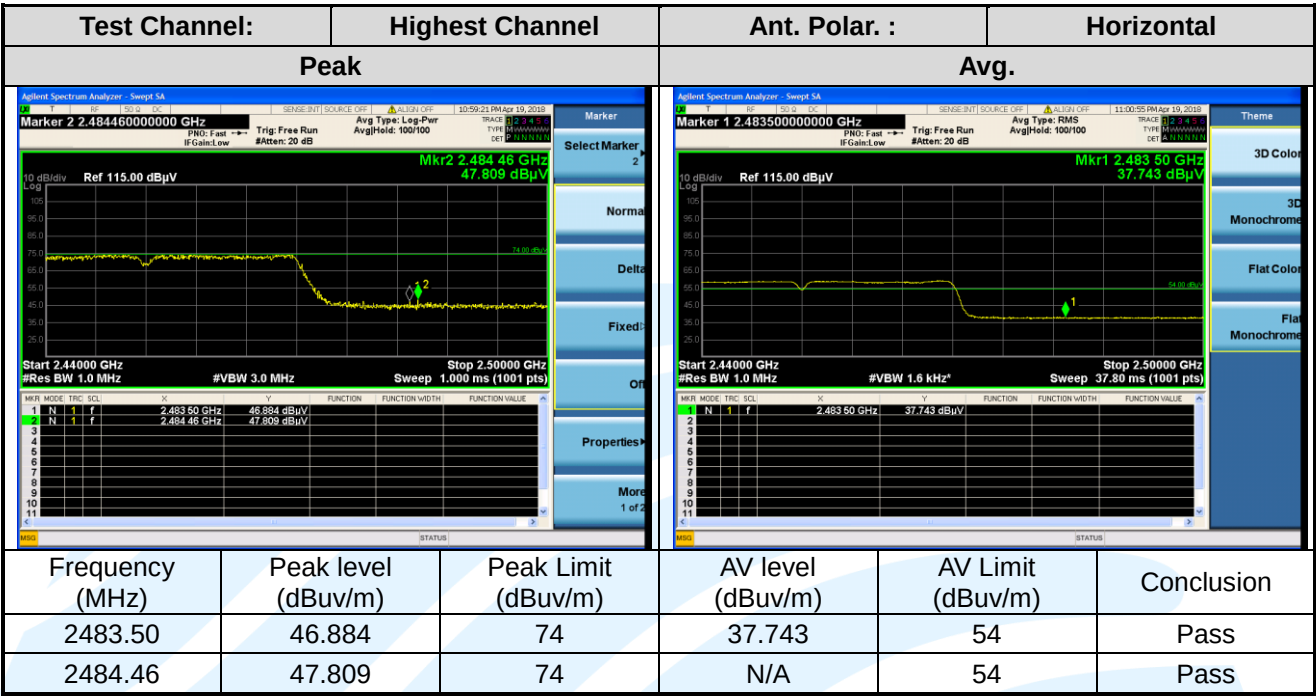
Test Channel:		Lowest Channel		Ant. Polar. :		Vertical	
Peak				Avg.			
							
Frequency (MHz)	Peak level (dBuV/m)	Peak Limit (dBuV/m)	AV level (dBuV/m)	AV Limit (dBuV/m)	Conclusion		
2387.98	58.585	74	N/A	54	Pass		
2390.00	57.375	74	46.421	54	Pass		

Test Channel:		Highest Channel		Ant. Polar. :		Horizontal	
Peak				Avg.			
							
Frequency (MHz)	Peak level (dBuv/m)	Peak Limit (dBuv/m)	AV level (dBuv/m)	AV Limit (dBuv/m)	Conclusion		
2483.50	43.981	74	37.201	54	Pass		
2488.66	46.670	74	N/A	54	Pass		

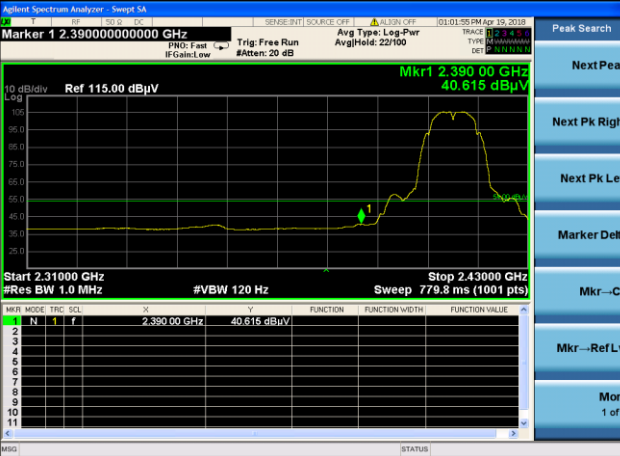
Test Channel:		Highest Channel		Ant. Polar. :		Vertical	
Peak				Avg.			
							
Frequency (MHz)	Peak level (dBuV/m)	Peak Limit (dBuV/m)	AV level (dBuV/m)	AV Limit (dBuV/m)	Conclusion		
2483.50	45.920	74	37.012	54	Pass		

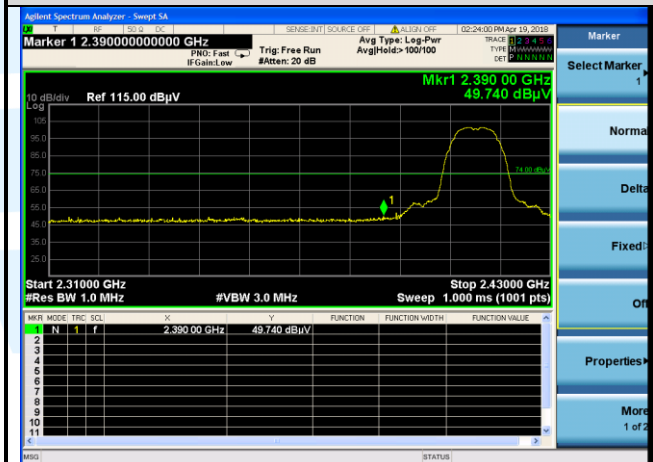
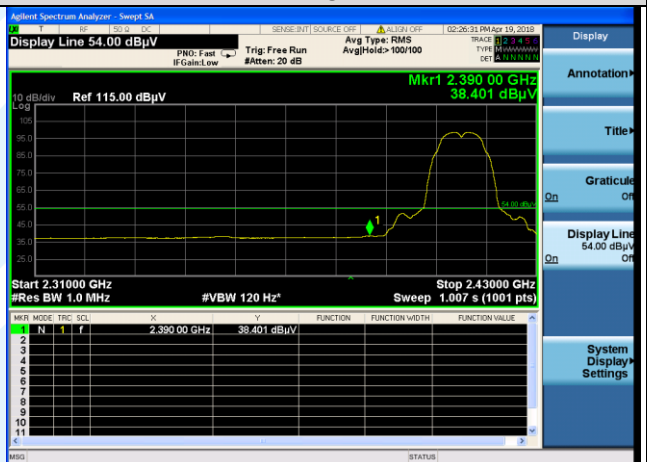
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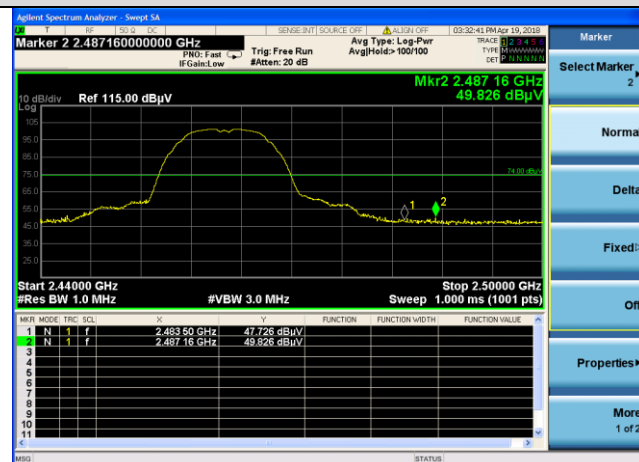
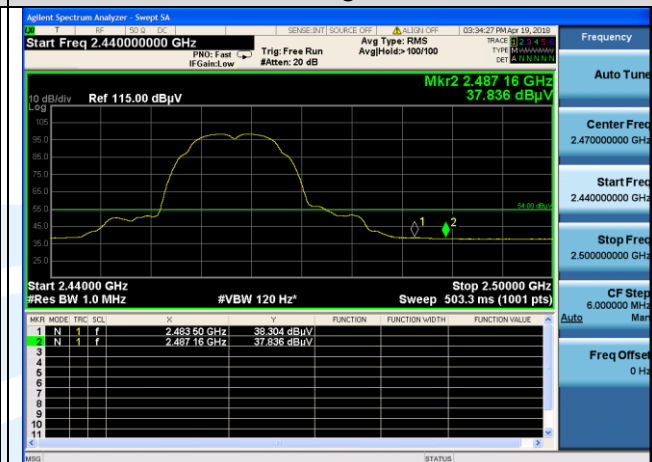


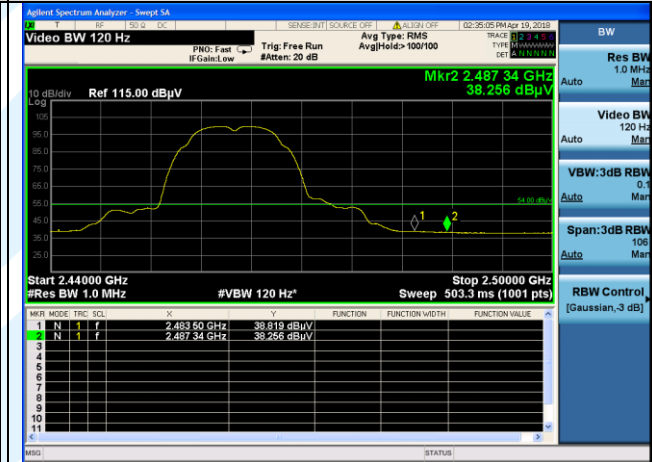


Model No.: W7LM1110A
IEEE 802.11b

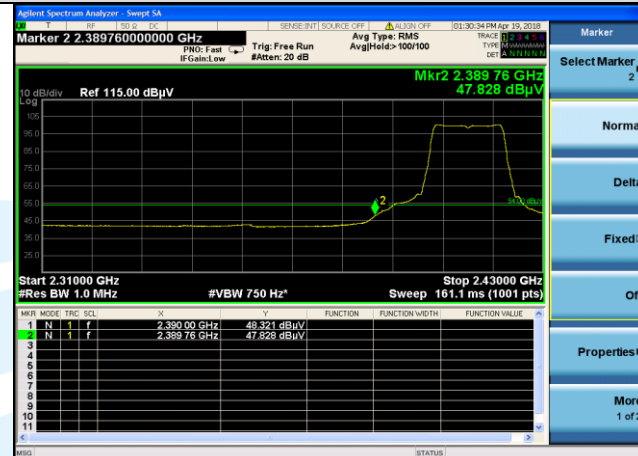
Test Channel:		Lowest Channel		Ant. Polar. :		Horizontal	
Peak				Avg.			
							
Frequency (MHz)	Peak level (dBuV/m)	Peak Limit (dBuV/m)	AV level (dBuV/m)	AV Limit (dBuV/m)	Conclusion		
2390.00	54.604	74	40.615	54	Pass		

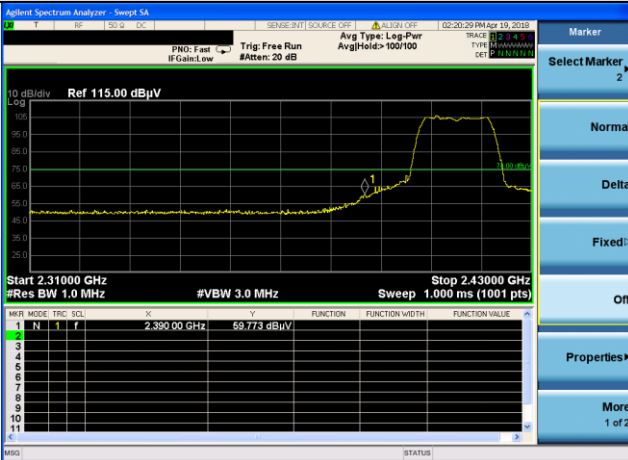
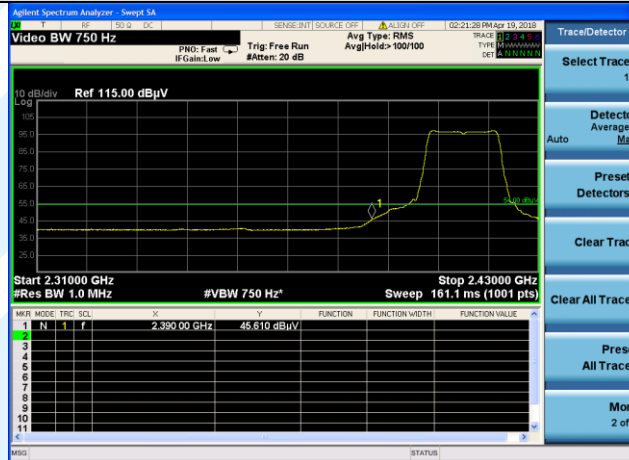
Test Channel:		Lowest Channel		Ant. Polar. :		Vertical	
Peak				Avg.			
							
Frequency (MHz)	Peak level (dBuV/m)	Peak Limit (dBuV/m)	AV level (dBuV/m)	AV Limit (dBuV/m)	Conclusion		
2390.00	49.740	74	38.401	54	Pass		

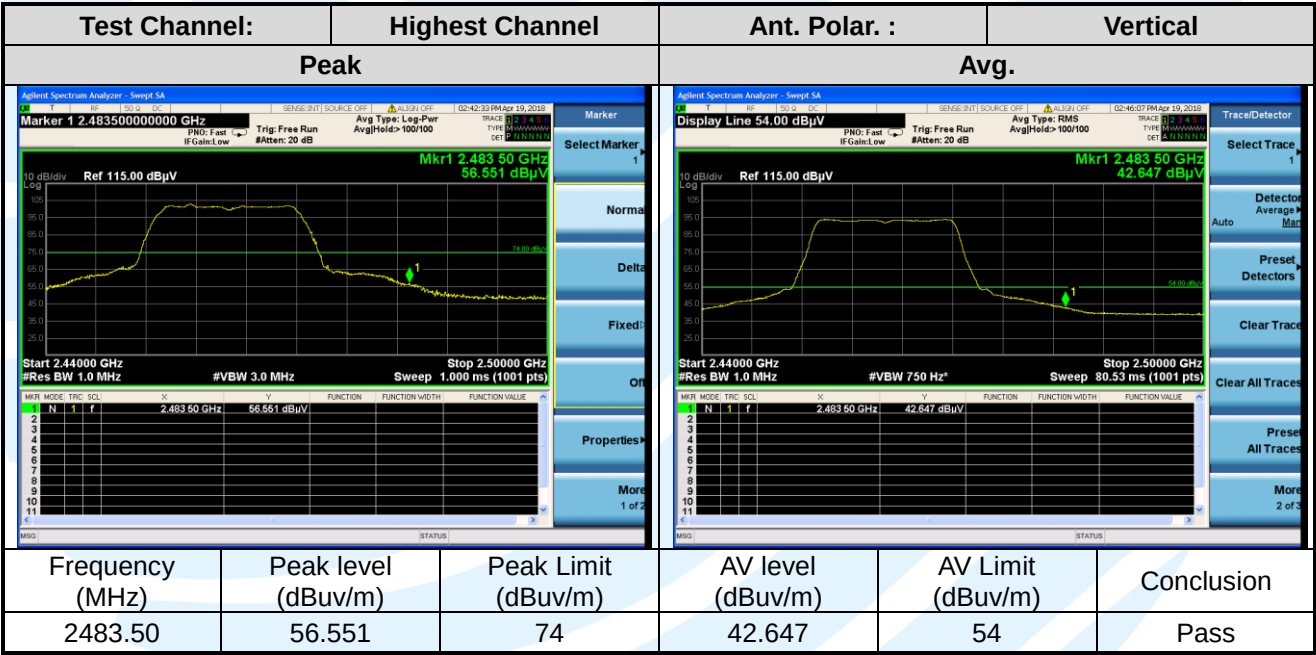
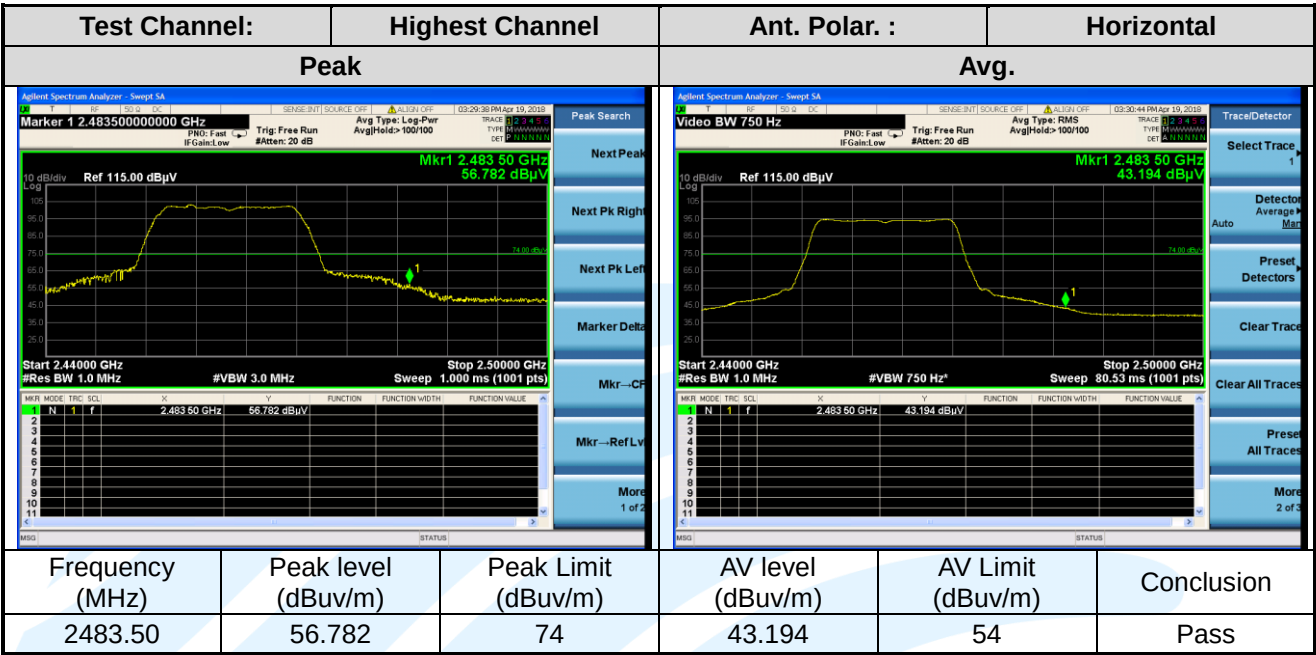
Test Channel:		Highest Channel		Ant. Polar. :		Horizontal	
Peak				Avg.			
							
Frequency (MHz)	Peak level (dBuV/m)	Peak Limit (dBuV/m)	AV level (dBuV/m)	AV Limit (dBuV/m)	Conclusion		
2483.50	47.726	74	38.304	54	Pass		
2487.16	49.826	74	37.836	54	Pass		

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

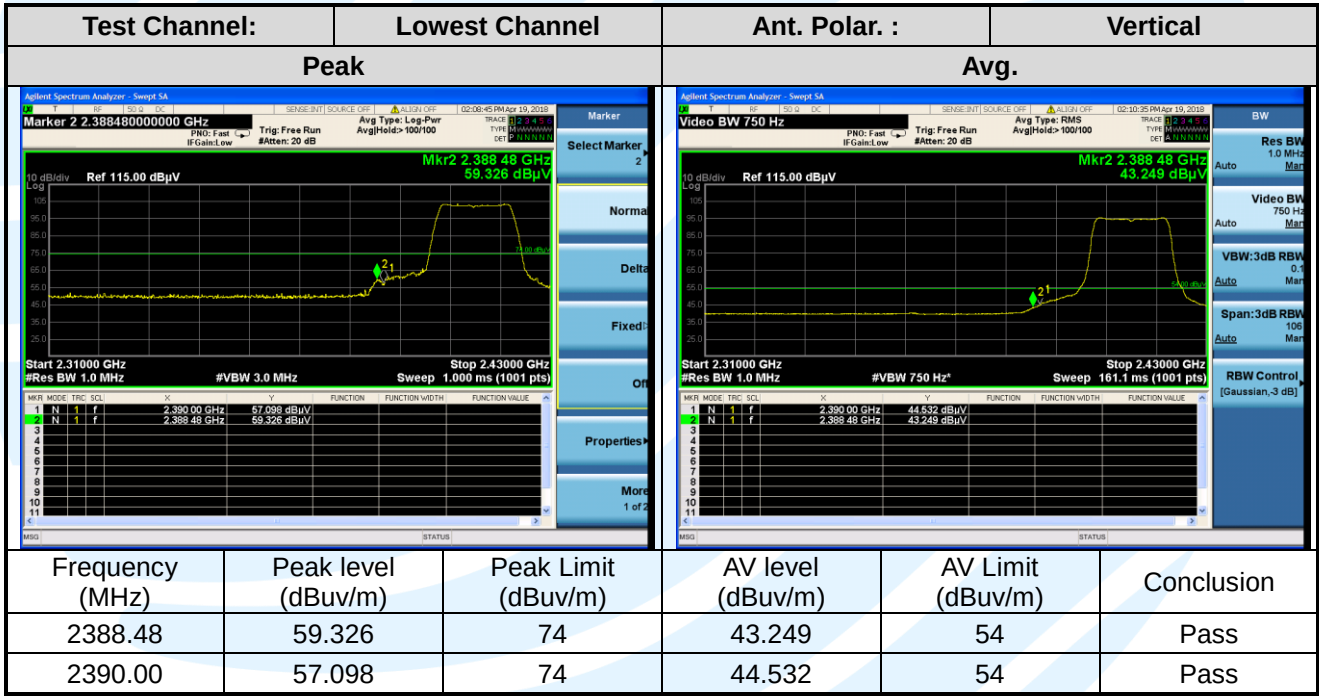
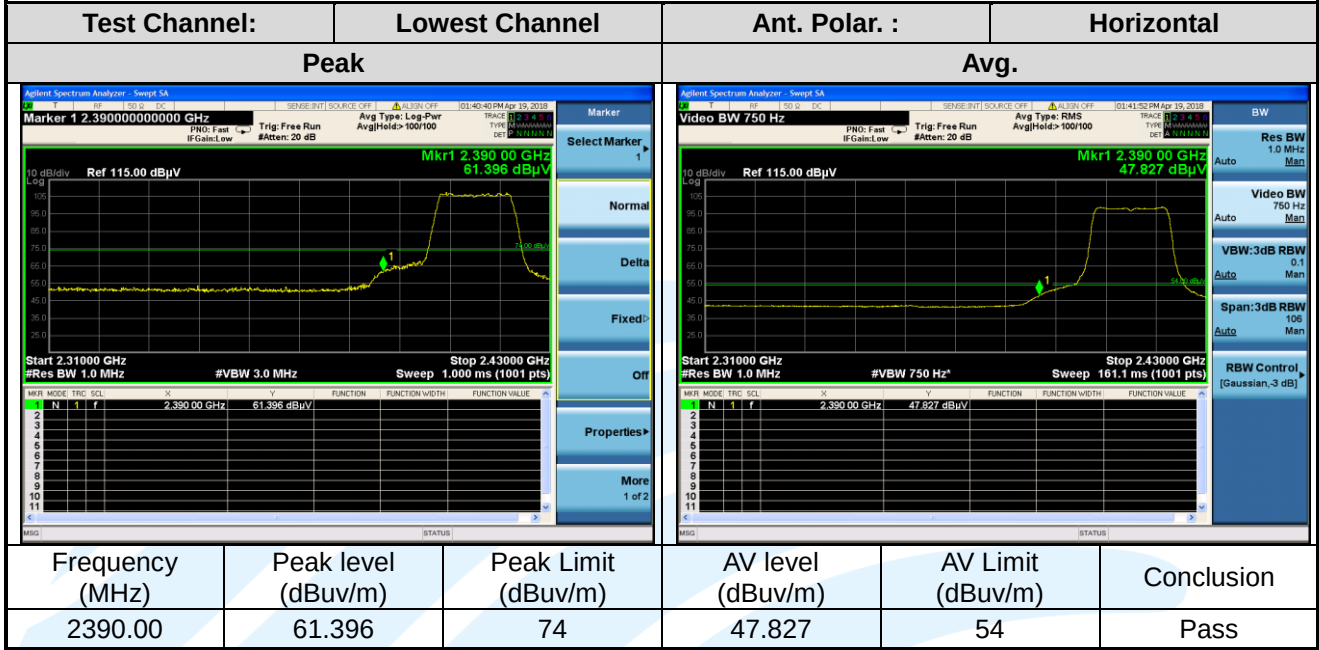
IEEE 802.11g

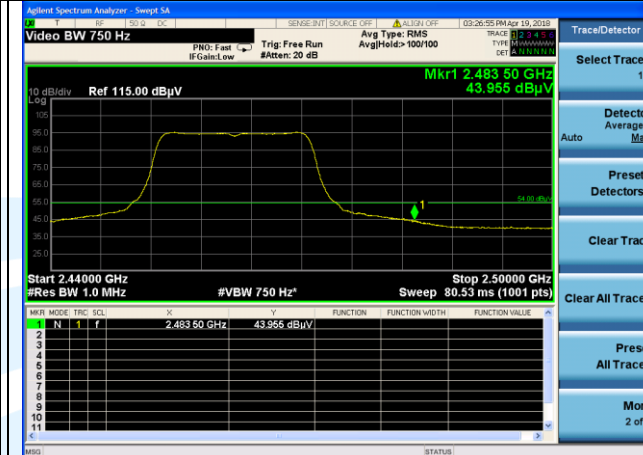
Test Channel:		Lowest Channel		Ant. Polar. :		Horizontal	
Peak				Avg.			
							
Frequency (MHz)	Peak level (dBuV/m)	Peak Limit (dBuV/m)	AV level (dBuV/m)	AV Limit (dBuV/m)	Conclusion		
2389.76	64.891	74	47.828	54	Pass		
2390.00	61.339	74	48.321	54	Pass		

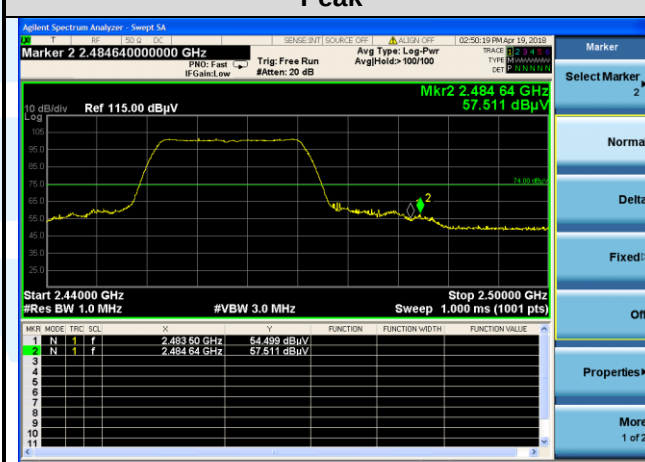
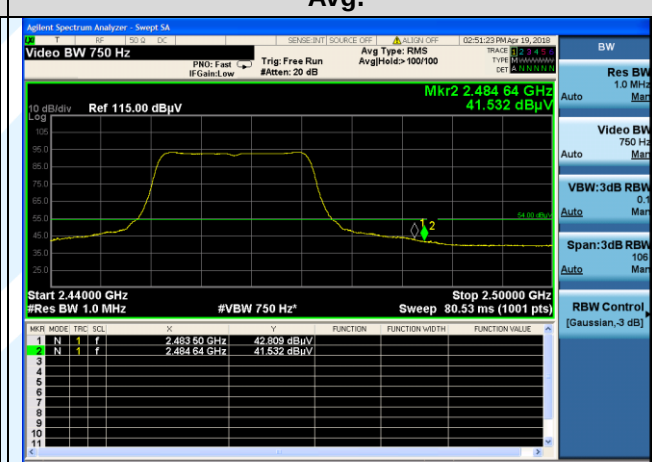
Test Channel:		Lowest Channel		Ant. Polar. :		Vertical	
Peak				Avg.			
							
Frequency (MHz)	Peak level (dBuV/m)	Peak Limit (dBuV/m)	AV level (dBuV/m)	AV Limit (dBuV/m)	Conclusion		
2390.00	59.773	74	45.610	54	Pass		



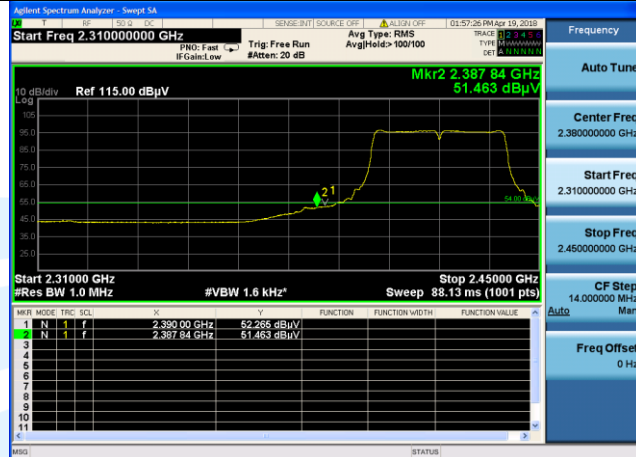
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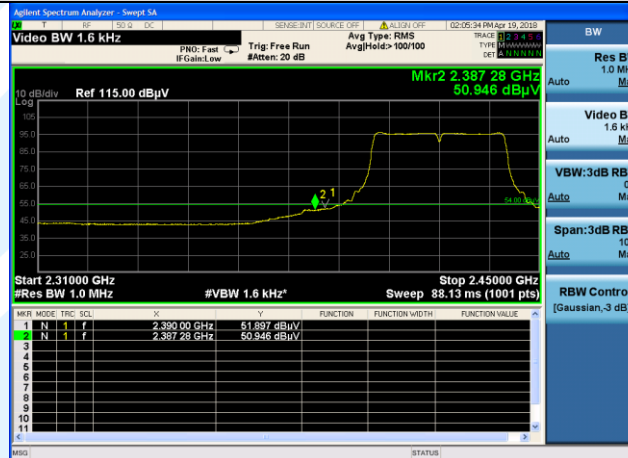


Test Channel:		Highest Channel		Ant. Polar. :		Horizontal	
Peak				Avg.			
							
Frequency (MHz)	Peak level (dBuV/m)	Peak Limit (dBuV/m)	AV level (dBuV/m)	AV Limit (dBuV/m)	Conclusion		
2483.50	55.327	74	43.955	54	Pass		

Test Channel:		Highest Channel		Ant. Polar. :		Vertical	
Peak				Avg.			
							
Frequency (MHz)	Peak level (dBuV/m)	Peak Limit (dBuV/m)	AV level (dBuV/m)	AV Limit (dBuV/m)	Conclusion		
2483.50	54.499	74	42.809	54	Pass		
2484.64	57.511	74	41.532	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)	AV Limit (dBuV/m)	Conclusion		
2387.84	62.106	74	51.463	54	Pass		
2390.00	62.660	74	52.265	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		
2387.28	64.563	74	50.946	54	Pass		
2390.00	63.604	74	51.897	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)	AV Limit (dBuV/m)	Conclusion		
2483.50	56.810	74	48.525	54	Pass		
2484.58	60.658	74	47.854	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)	AV Limit (dBuV/m)	Conclusion		
2483.50	58.490	74	46.878	54	Pass		
2484.34	59.893	74	47.143	54	Pass		

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 $50\Omega/50\mu\text{H} + 5\Omega$ 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

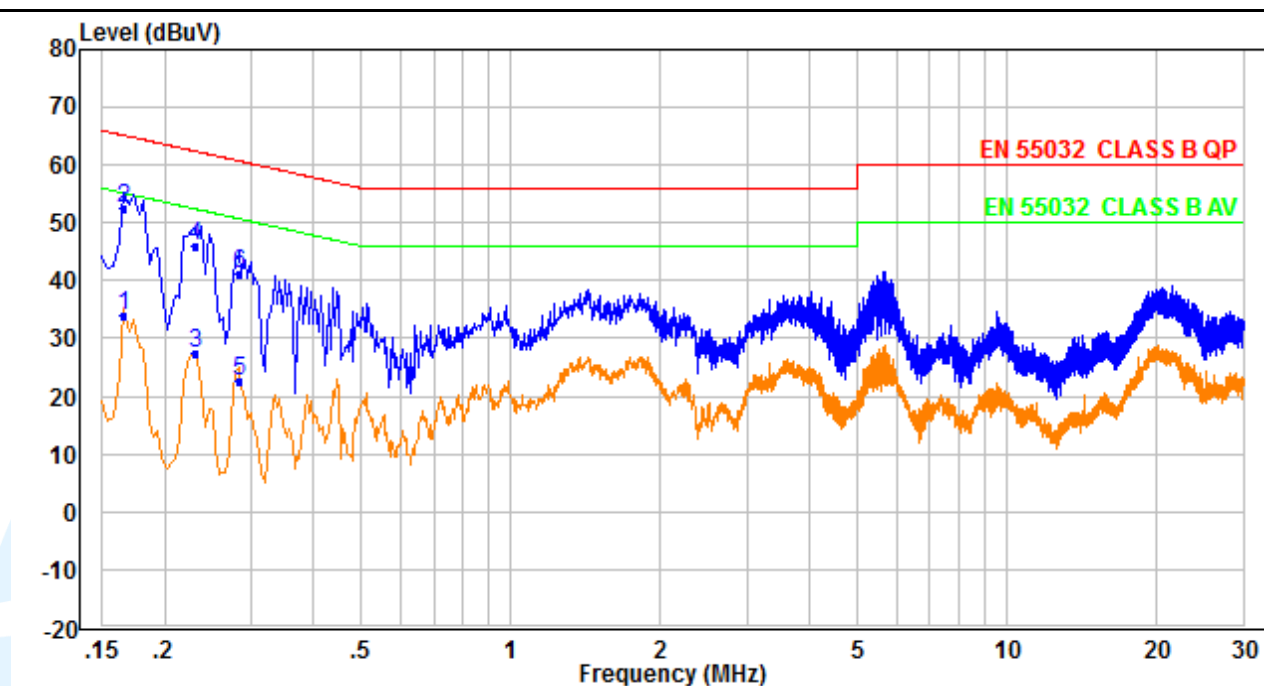
The measurement data as follows:

Quasi Peak and Average:

Model No.: W7LM1110

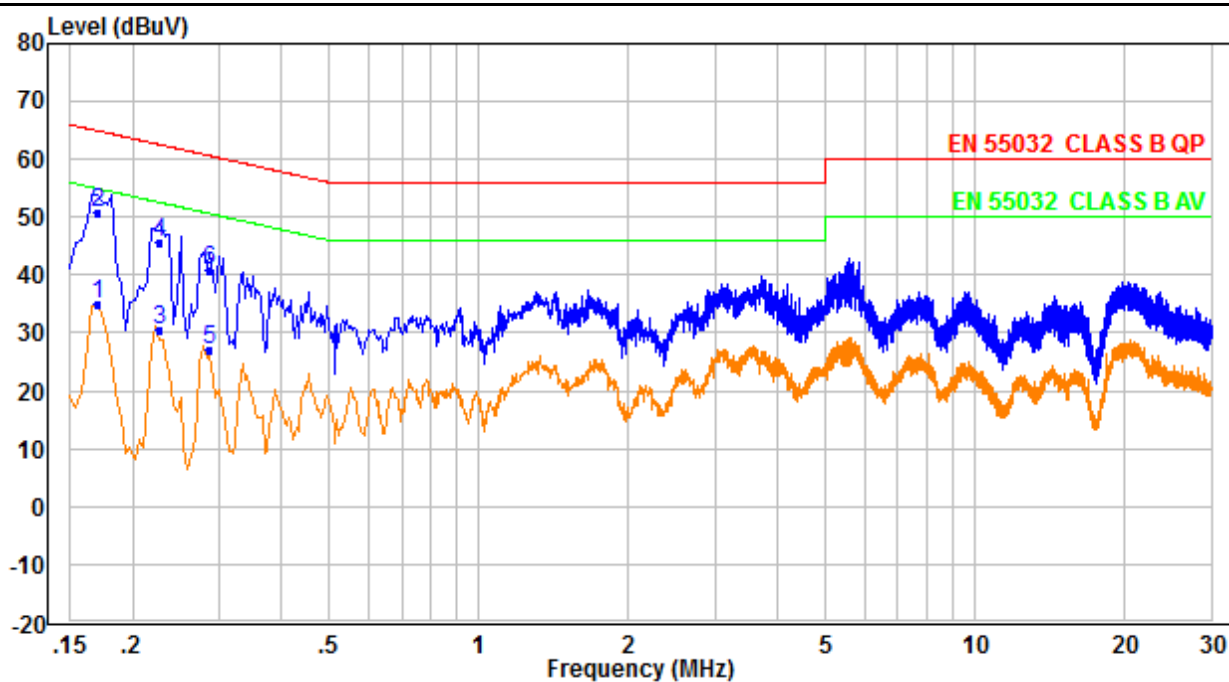
Mode: WIFI Link

Live Line



No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.166	23.60	10.20	33.80	55.20	-21.40	Average
2	0.166	42.40	10.20	52.60	65.20	-12.60	QP
3	0.230	17.20	10.20	27.40	52.40	-25.00	Average
4	0.230	35.80	10.20	46.00	62.40	-16.40	QP
5*	0.282	12.30	10.20	22.50	50.80	-28.30	Average
6	0.282	31.00	10.20	41.20	60.80	-19.60	QP

Neutral Line

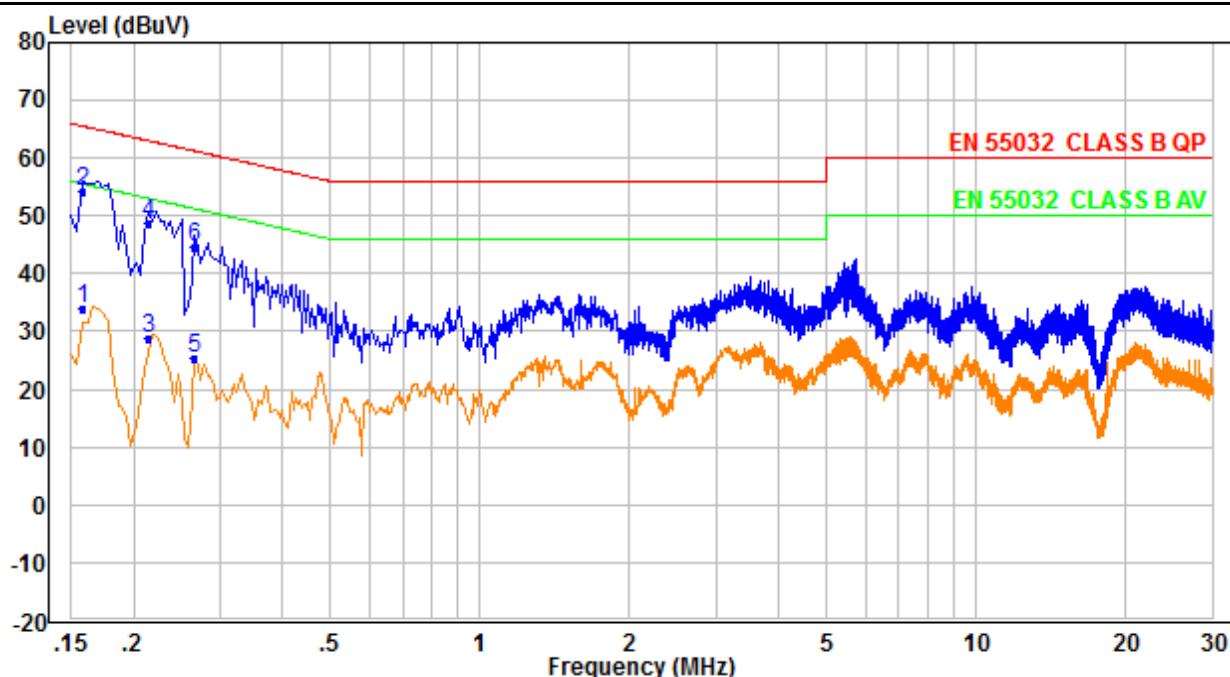


No.	Frequency (MHz)	Reading (dBUV)	Correction factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	0.170	24.80	10.20	35.00	55.00	-20.00	Average
2	0.170	40.80	10.20	51.00	65.00	-14.00	QP
3	0.226	20.30	10.30	30.60	52.60	-22.00	Average
4	0.226	35.30	10.30	45.60	62.60	-17.00	QP
5*	0.286	16.80	10.30	27.10	50.60	-23.50	Average
6	0.286	30.50	10.30	40.80	60.60	-19.80	QP

Model No.: W7LM1110A

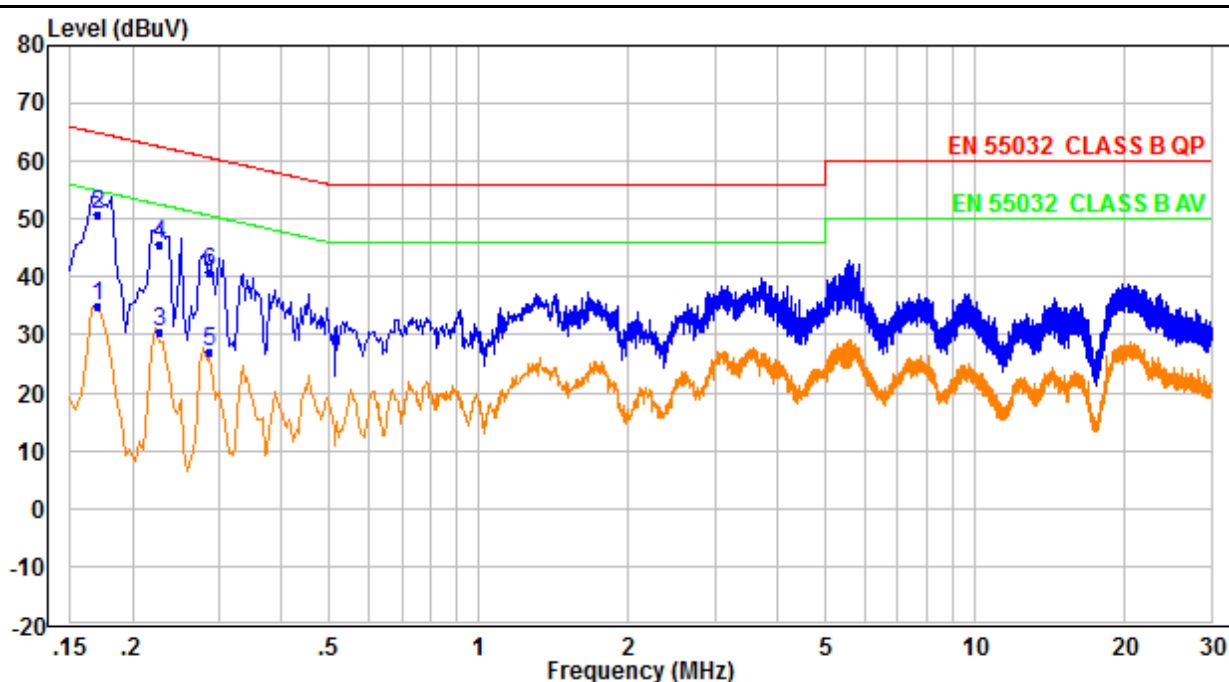
Mode: WIFI Link

Live Line



No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.158	23.90	10.20	34.10	55.60	-21.50	Average
2	0.158	43.90	10.20	54.10	65.60	-11.50	QP
3	0.214	18.60	10.20	28.80	53.00	-24.20	Average
4	0.214	38.60	10.20	48.80	63.00	-14.20	QP
5*	0.266	15.30	10.20	25.50	51.20	-25.70	Average
6	0.266	34.30	10.20	44.50	61.20	-16.70	QP

Neutral Line



No.	Frequency (MHz)	Reading (dBUV)	Correction factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	0.170	24.80	10.20	35.00	55.00	-20.00	Average
2	0.170	40.80	10.20	51.00	65.00	-14.00	QP
3	0.226	20.30	10.30	30.60	52.60	-22.00	Average
4	0.226	35.30	10.30	45.60	62.60	-17.00	QP
5*	0.286	16.80	10.30	27.10	50.60	-23.50	Average
6	0.286	30.50	10.30	40.80	60.60	-19.80	QP

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 ***

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