

Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-0.51	≤11	PASS
		5200	-1.37	≤11	PASS
		5240	-2.22	≤11	PASS
11N20SISO	Ant1	5180	-0.68	≤11	PASS
		5200	-1.99	≤11	PASS
		5240	-1.73	≤11	PASS
11N40SISO	Ant1	5190	-4.26	≤11	PASS
		5230	-5.56	≤11	PASS
11AC20SISO	Ant1	5180	-0.16	≤11	PASS
		5200	-1.42	≤11	PASS
		5240	-1.61	≤11	PASS
11AC40SISO	Ant1	5190	-3.99	≤11	PASS
		5230	-5.76	≤11	PASS
11AC80SISO	Ant1	5210	-9.19	≤11	PASS

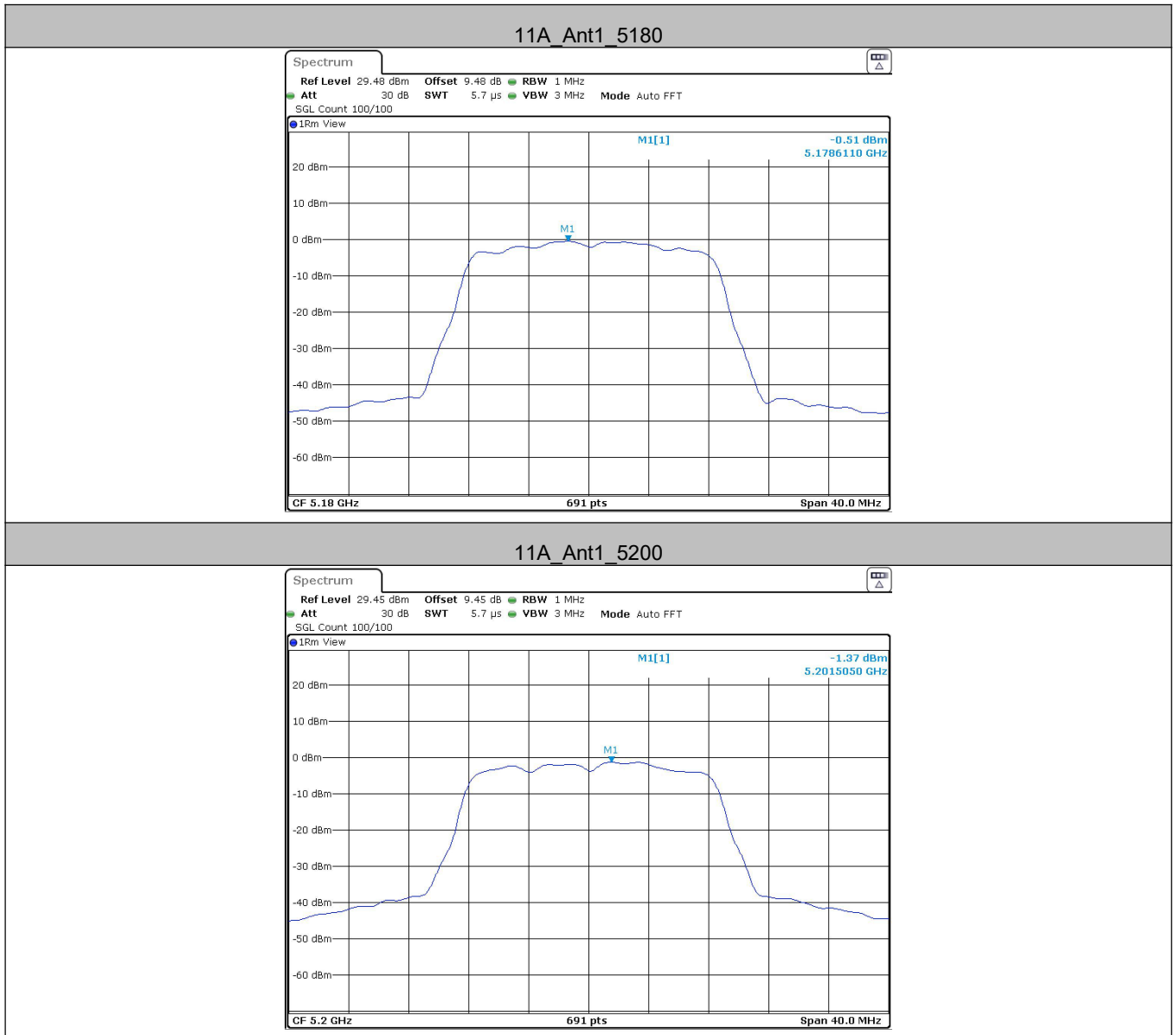
TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	-4.28	≤11	PASS
		5200	-5.86	≤11	PASS
		5240	-5.83	≤11	PASS
11N20SISO	Ant2	5180	-5.45	≤11	PASS
		5200	-5.97	≤11	PASS
		5240	-7.09	≤11	PASS
11N40SISO	Ant2	5190	-12.99	≤11	PASS
		5230	-14.85	≤11	PASS
11AC20SISO	Ant2	5180	-4.81	≤11	PASS
		5200	-5.41	≤11	PASS
		5240	-6.17	≤11	PASS
11AC40SISO	Ant2	5190	-11.15	≤11	PASS
		5230	-14.07	≤11	PASS
11AC80SISO	Ant2	5210	-16.84	≤11	PASS

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11N20SISO	Ant1+Ant2	5180	0.57	≤11	PASS
		5200	-0.53	≤11	PASS
		5240	-0.62	≤11	PASS
11N40SISO	Ant1+Ant2	5190	-3.71	≤11	PASS
		5230	-5.08	≤11	PASS
11AC20SISO	Ant1+Ant2	5180	1.12	≤11	PASS
		5200	0.04	≤11	PASS
		5240	-0.31	≤11	PASS
11AC40SISO	Ant1+Ant2	5190	-3.23	≤11	PASS
		5230	-5.16	≤11	PASS
11AC80SISO	Ant1+Ant2	5210	-8.50	≤11	PASS

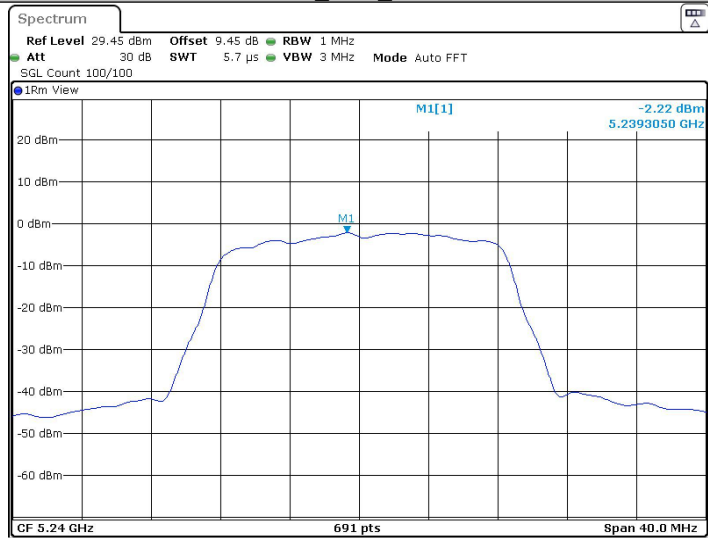
Remark:

The Duty Cycle Factor and RBW Factor is compensated in the graph.

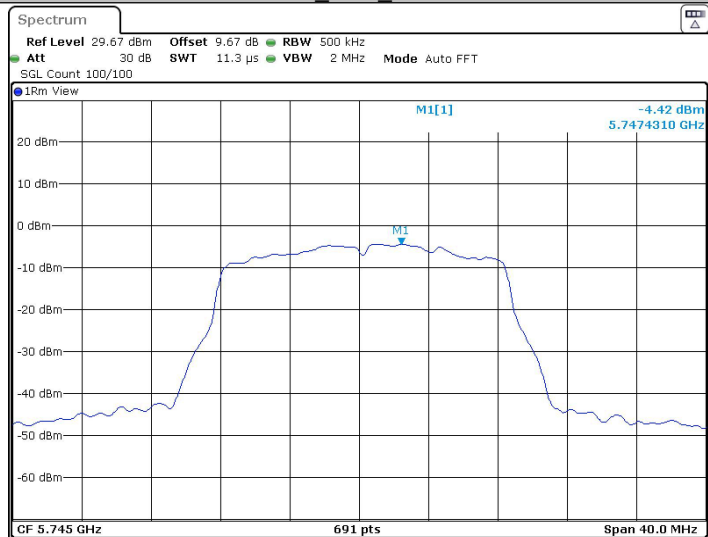
Test Graphs



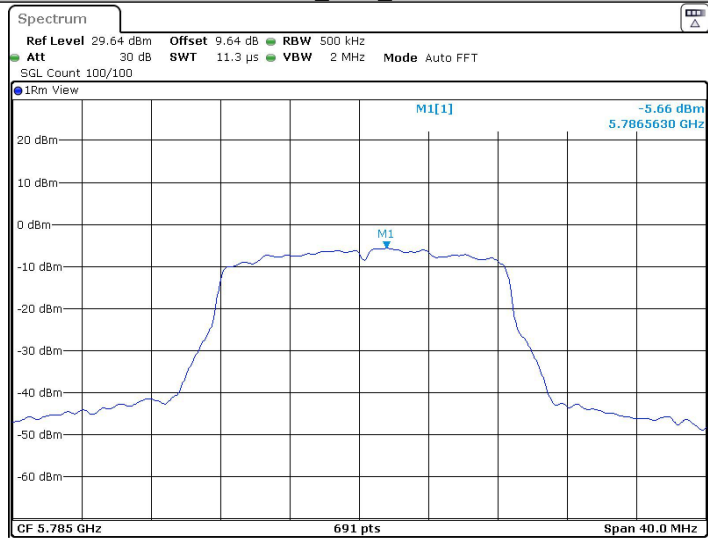
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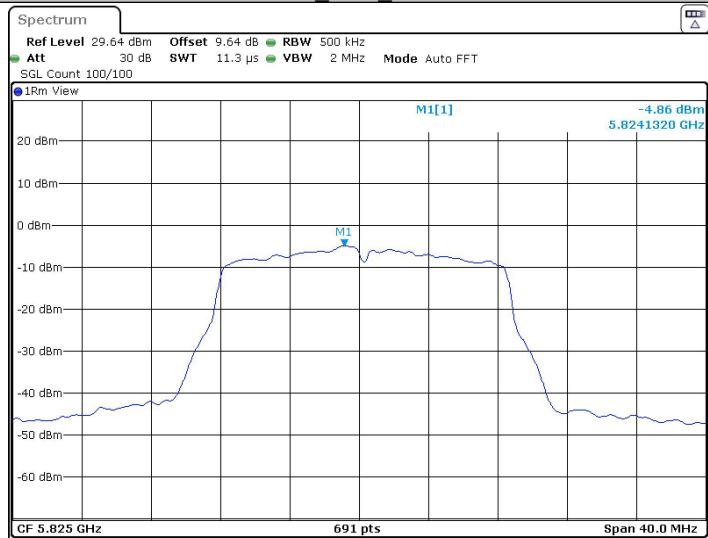
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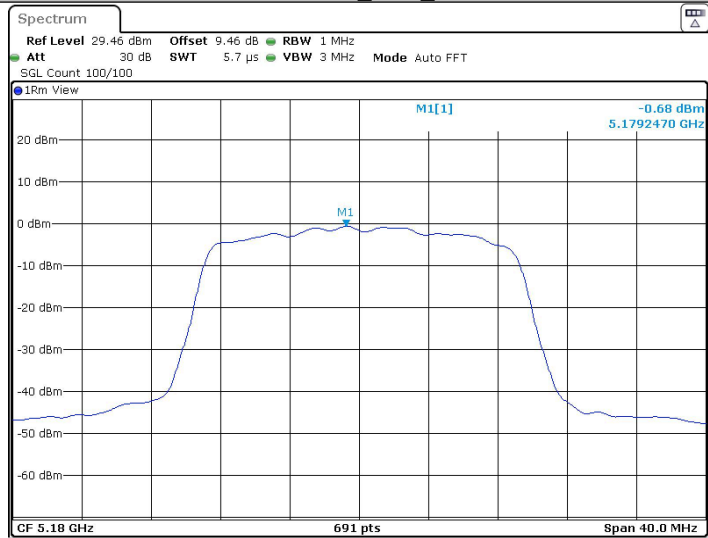
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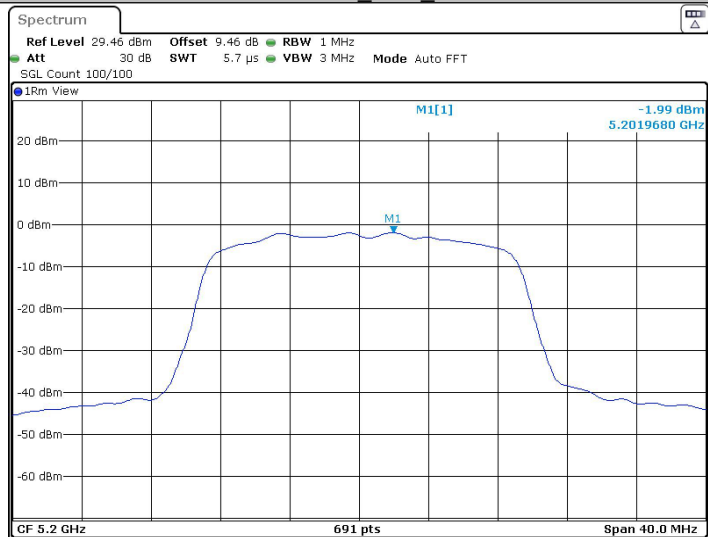
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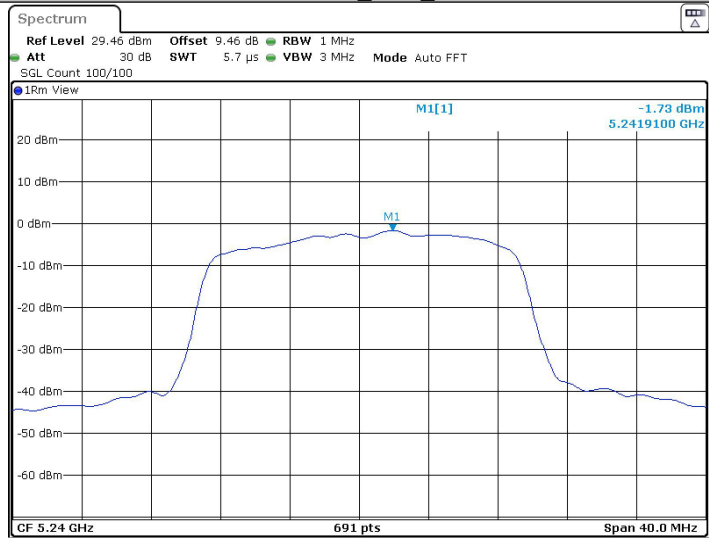
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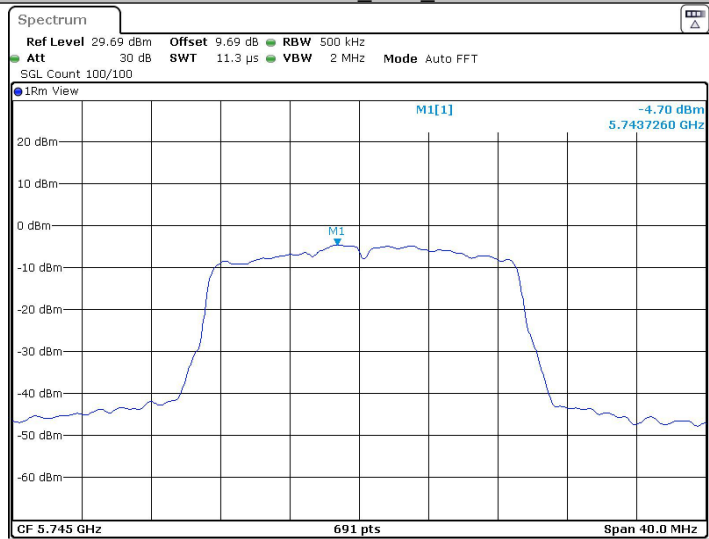
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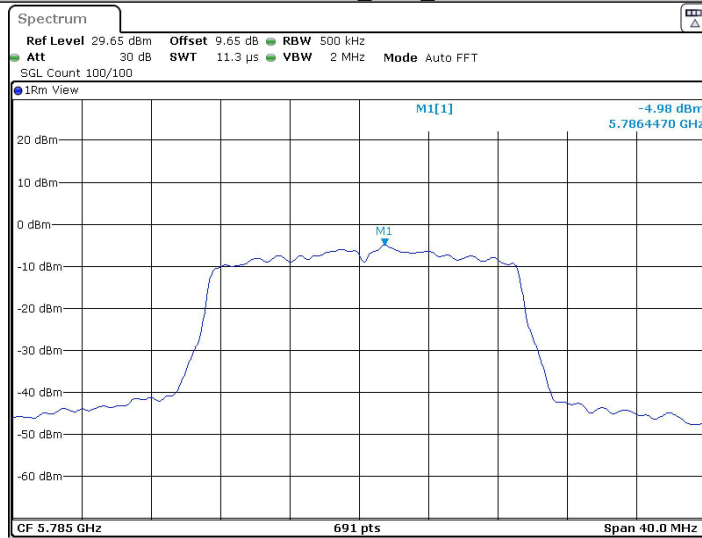
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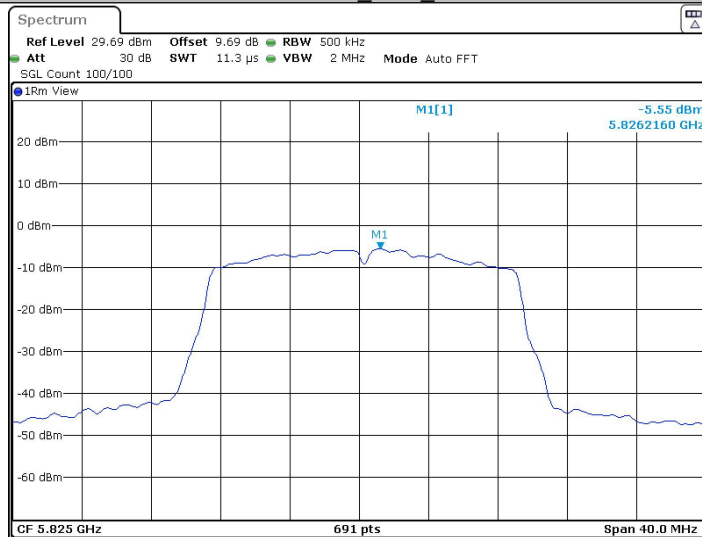
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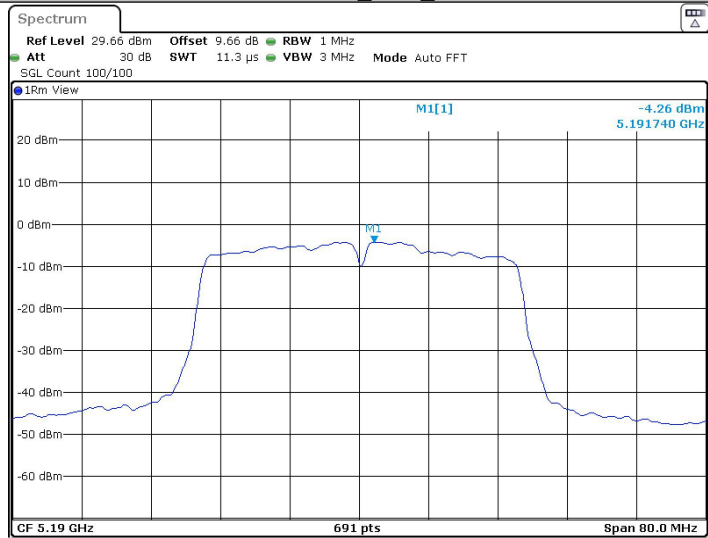
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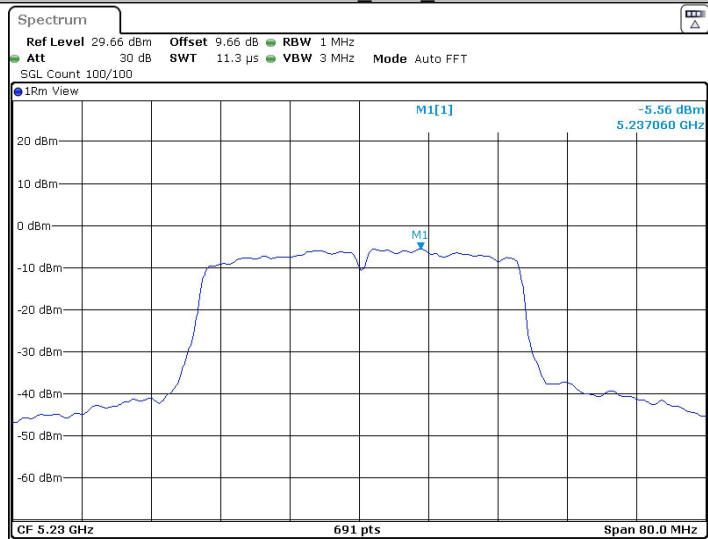
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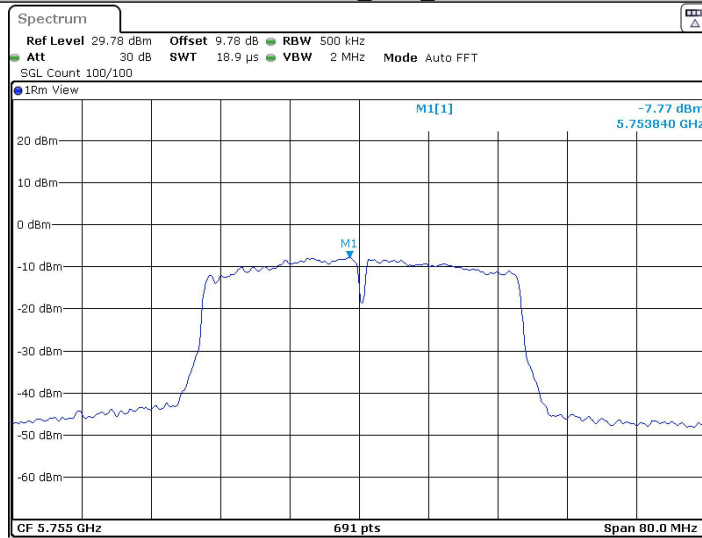
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



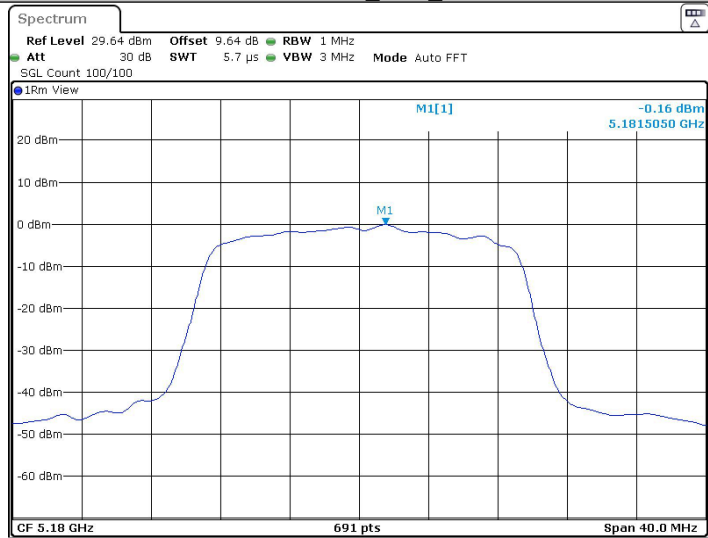
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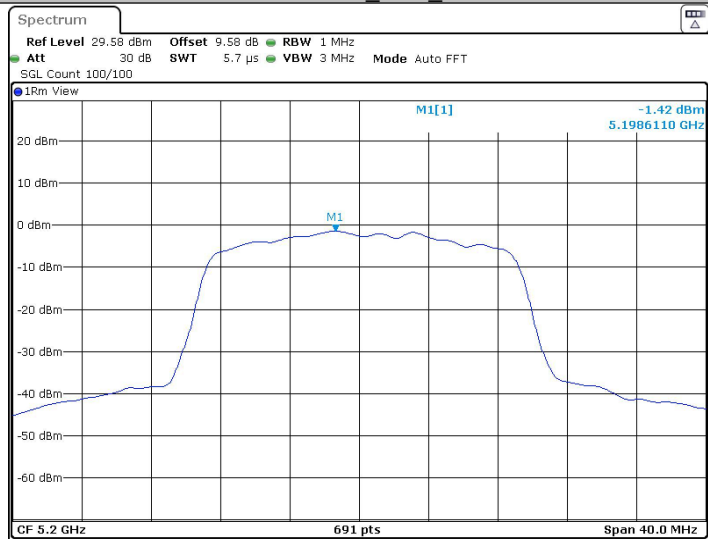
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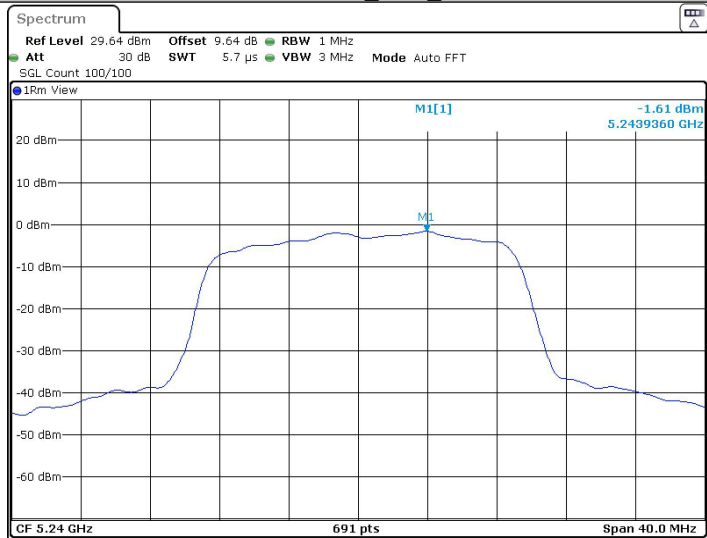
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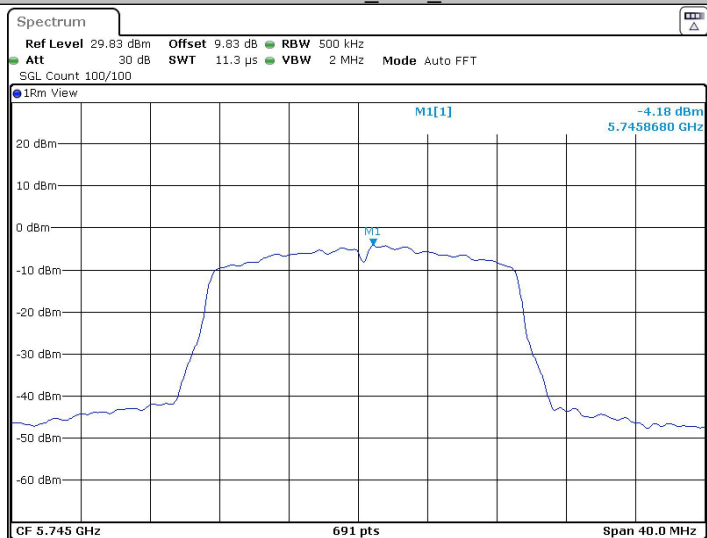
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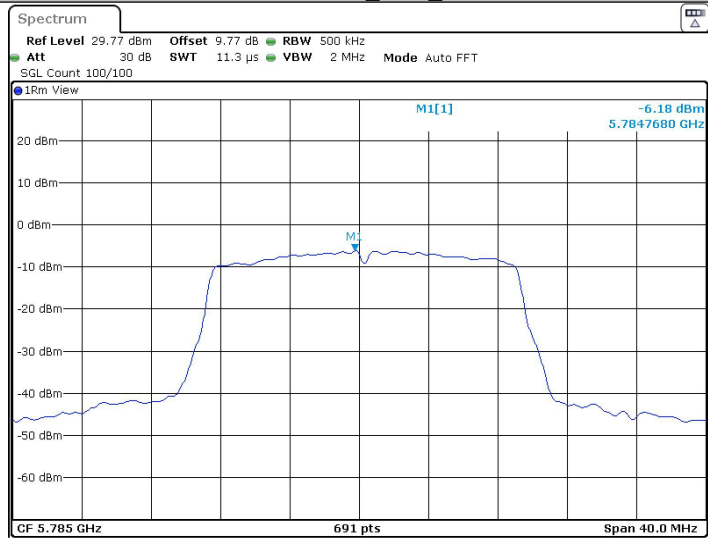
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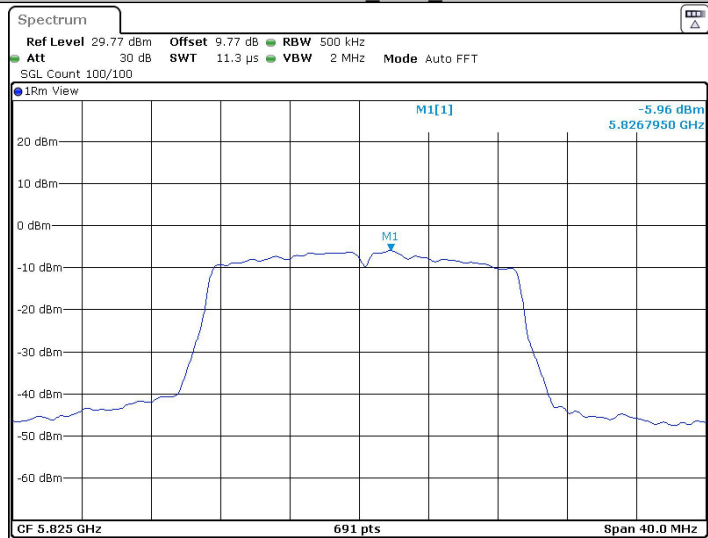
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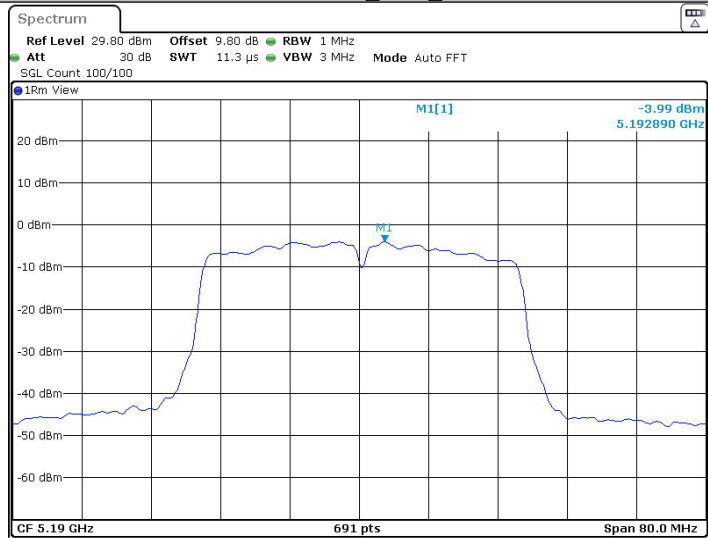
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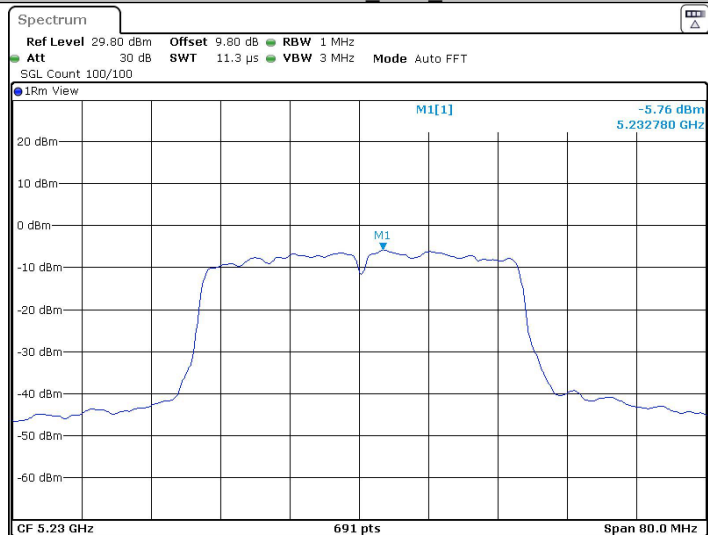
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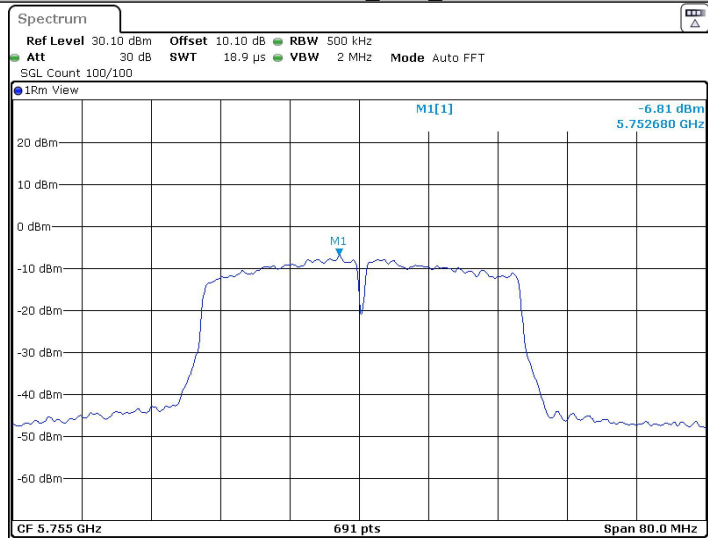
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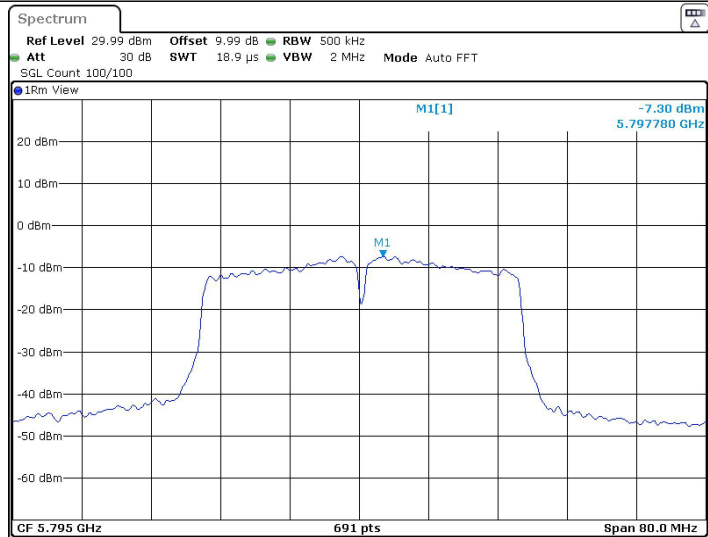
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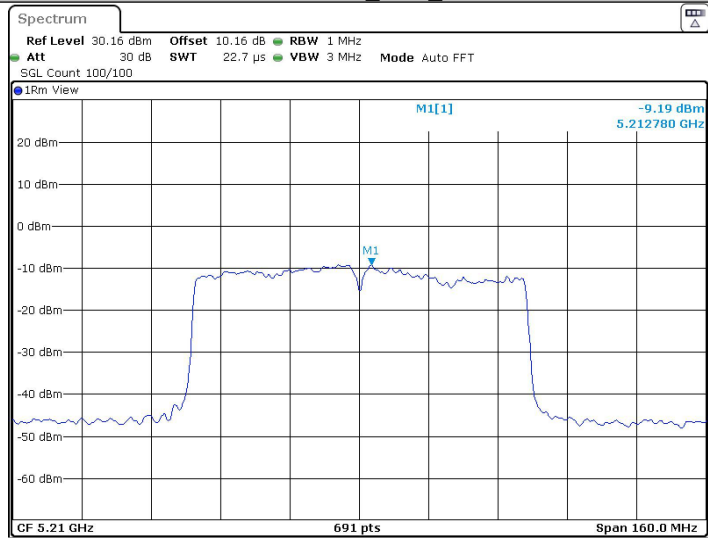
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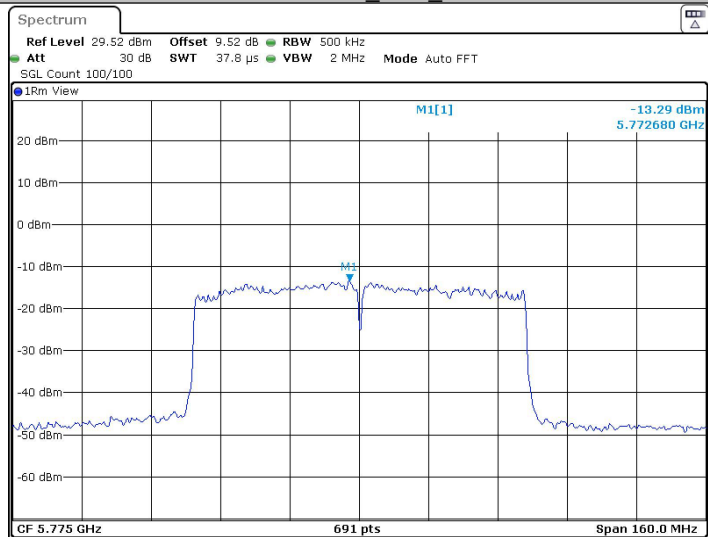
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11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



11A_Ant2_5180



11A_Ant2_5200



11A_Ant2_5240



11N20SISO_Ant2_5180



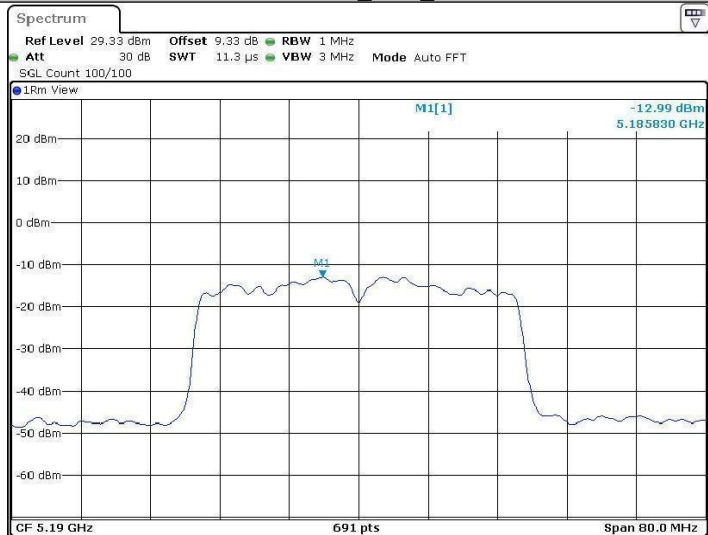
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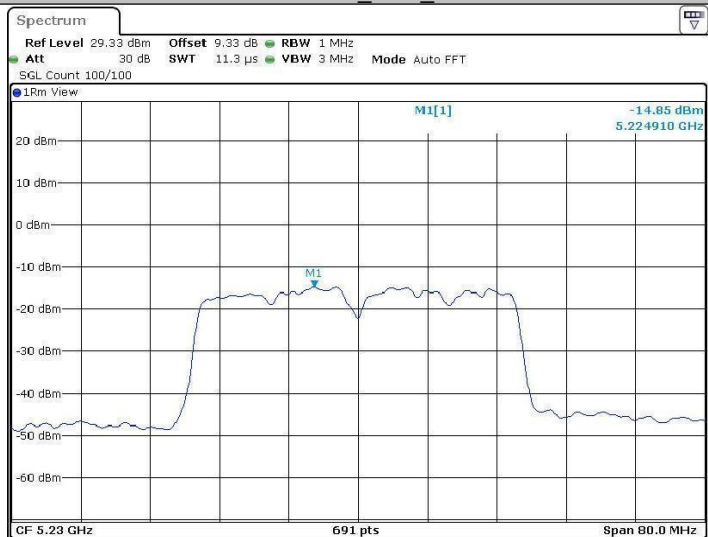
11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



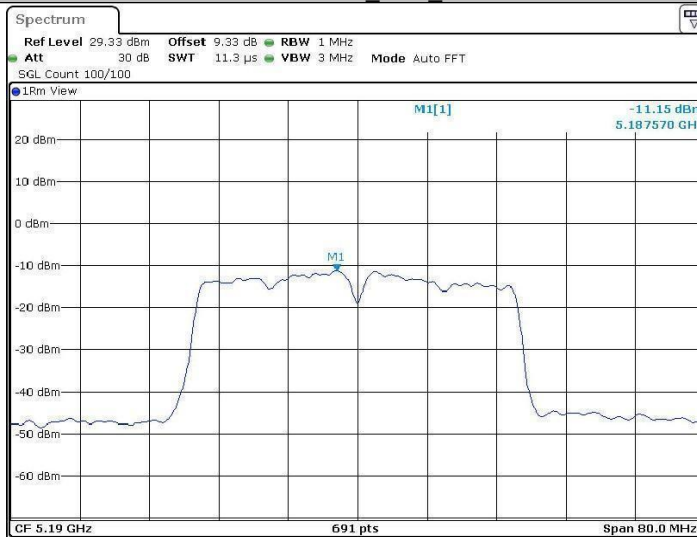
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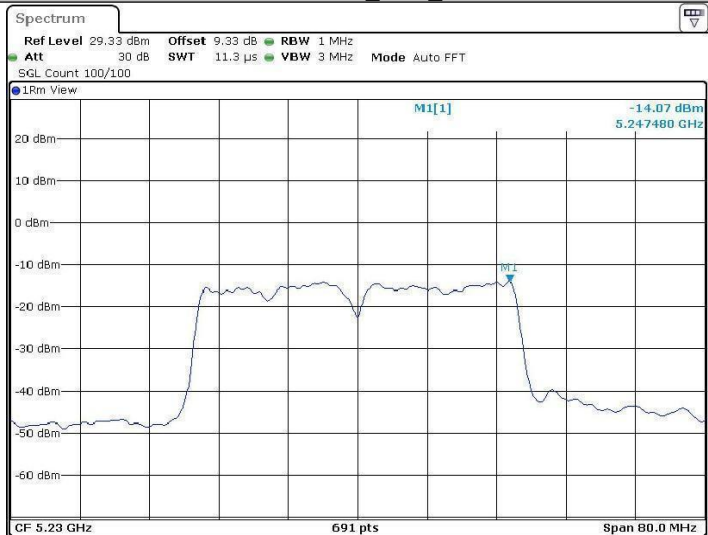
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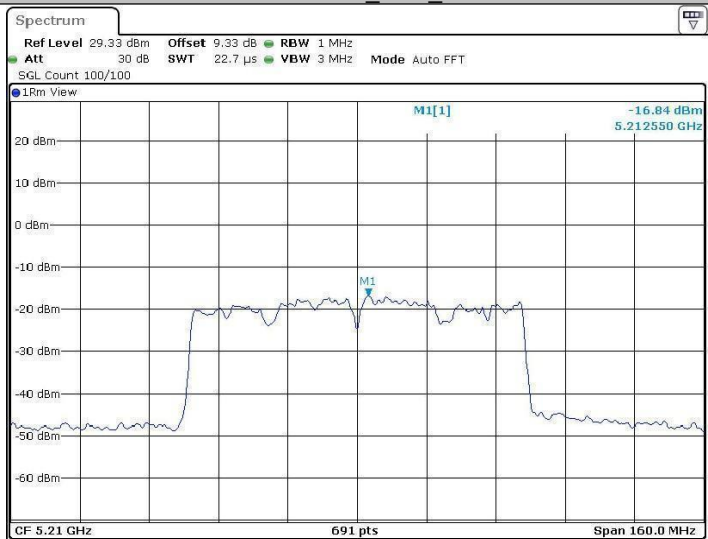
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11AC40SISO_Ant2_5230



11AC80SISO_Ant2_5210



Appendix D): Band Edge Measurements

Test Requirement 47 CFR Part 15, Subpart C 15.209 & 15.407(b)

Test Method: KDB 789033 D02 II G

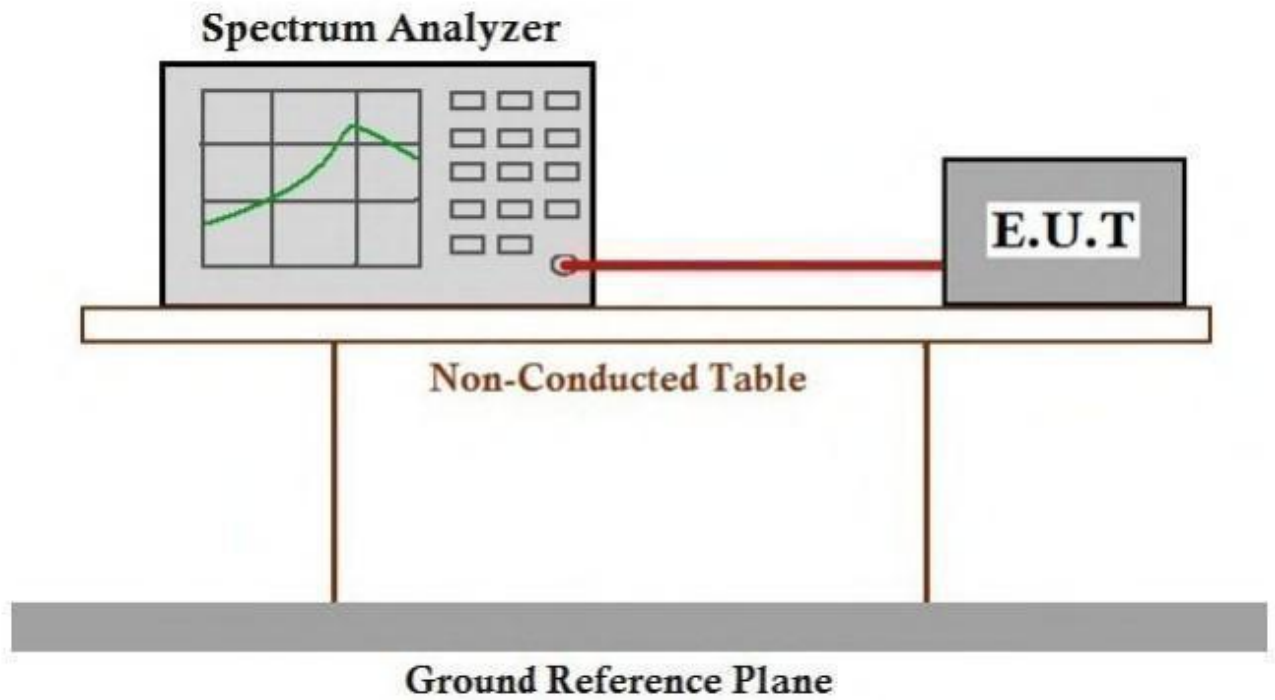
Test Procedure:

1. The EUT operates at transmitting mode. The operate channel is tested to verify the largest transmission and spurious emissions power at the continuous transmission mode.
2. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
 - (a) PEAK: RBW=VBW=1MHz / Sweep=AUTO
 - (b) AVERAGE: RBW=1MHz ; VBW=1/on time(1KHz) / Sweep=AUTO

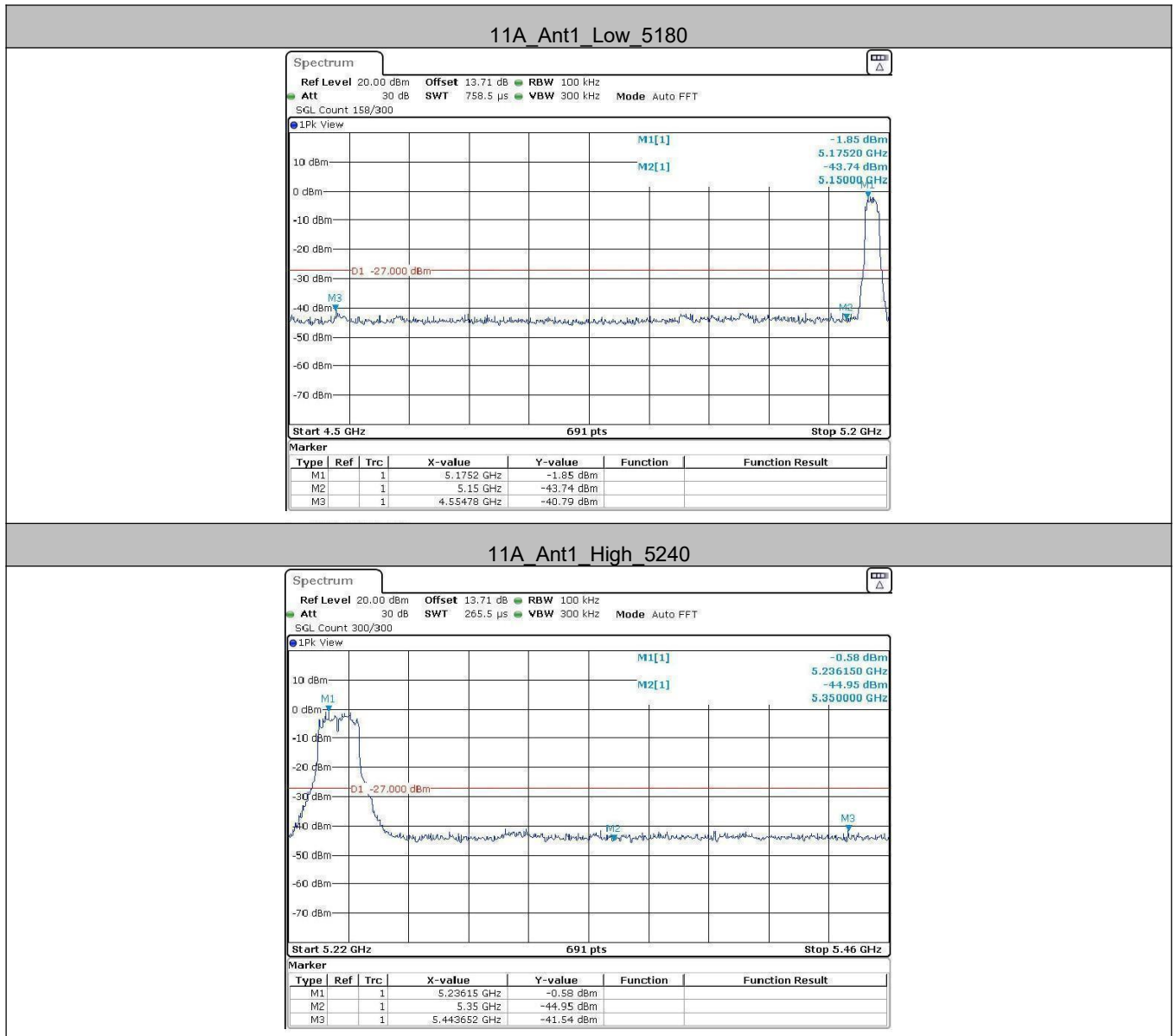
Limit:

For transmitters operating in the 5.15-5.25 GHz band:	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz (68.2dBuV/m).
For transmitters operating in the 5.25-5.35 GHz band:	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz (68.2dBuV/m).
For transmitters operating in the 5.47-5.725 GHz band:	All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz (68.2dBuV/m).
For transmitters operating in the 5.725-5.85 GHz band:	(i) All emissions shall be limited to a level of -27 dBm/MHz (68.2dBuV/m) at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz (105.2dBuV/m) at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz (110.8dBuV/m) at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz (122.2dBuV/m) at the band edge.

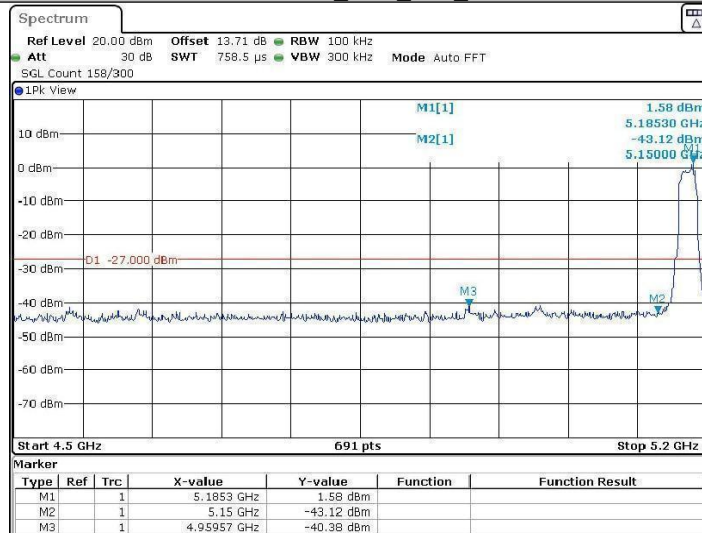
Test Setup Diagram



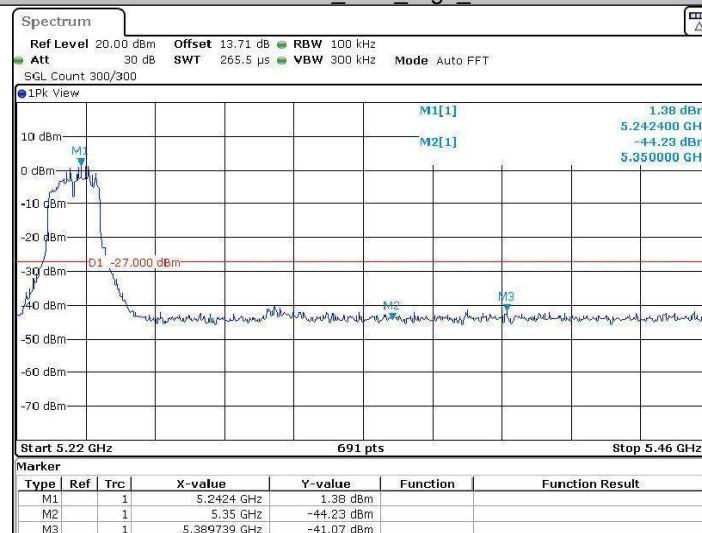
Test Graphs



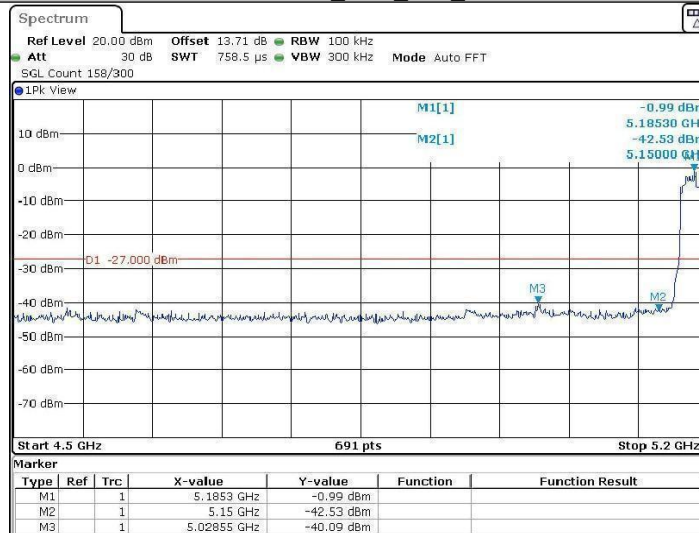
11N20SISO_Ant1_Low_5180



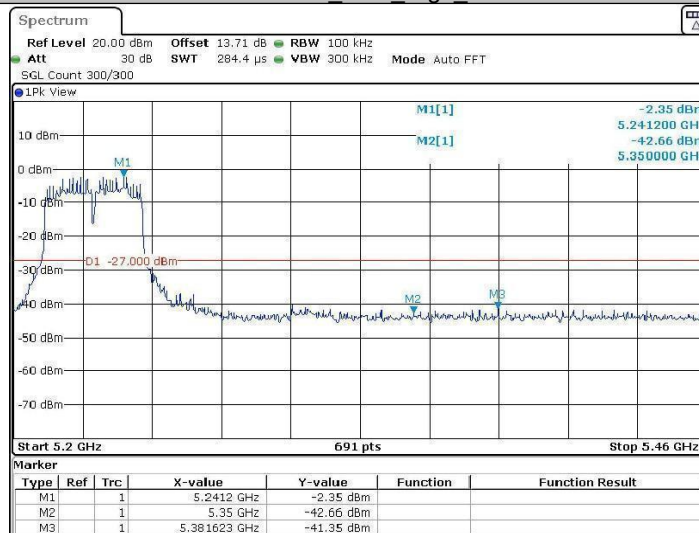
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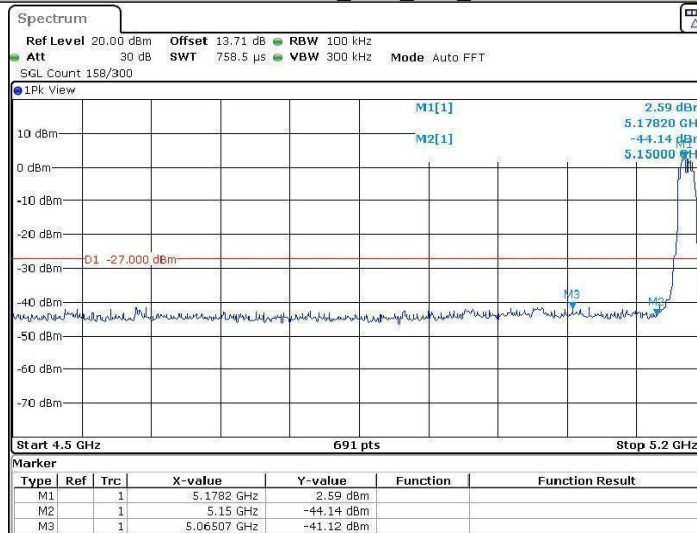
11N40SISO_Ant1_Low_5190



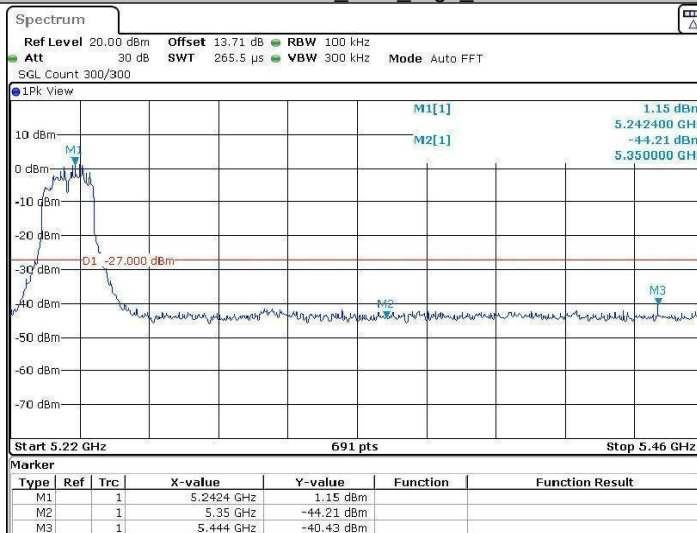
11N40SISO_Ant1_High_5230



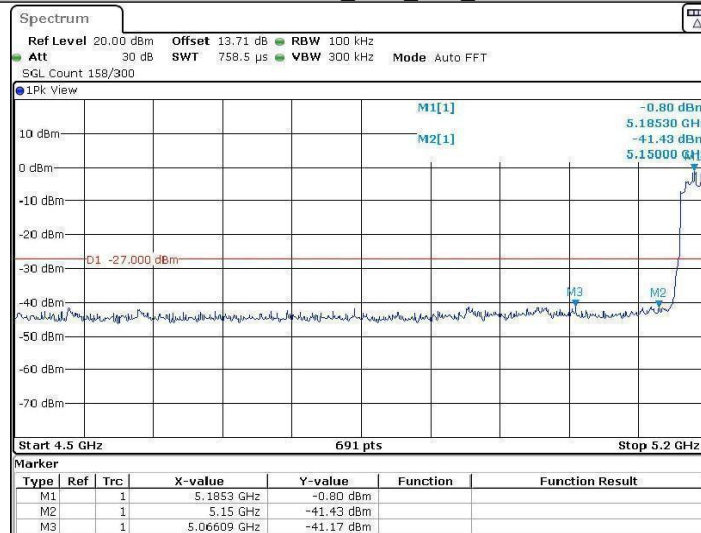
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230

