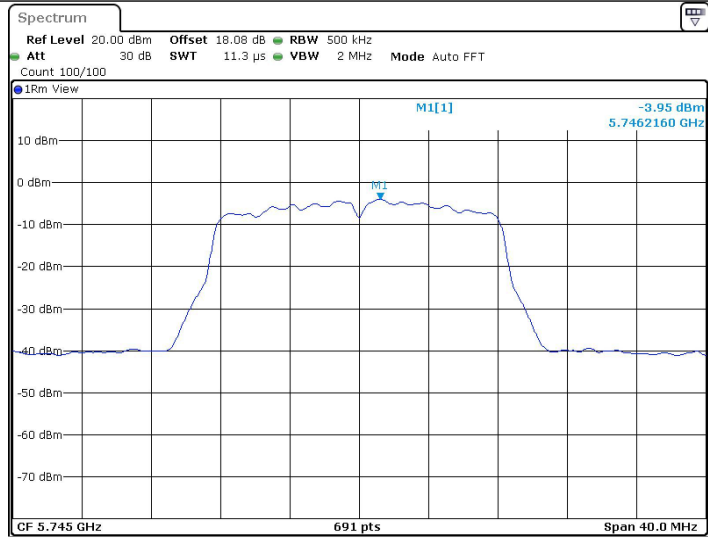
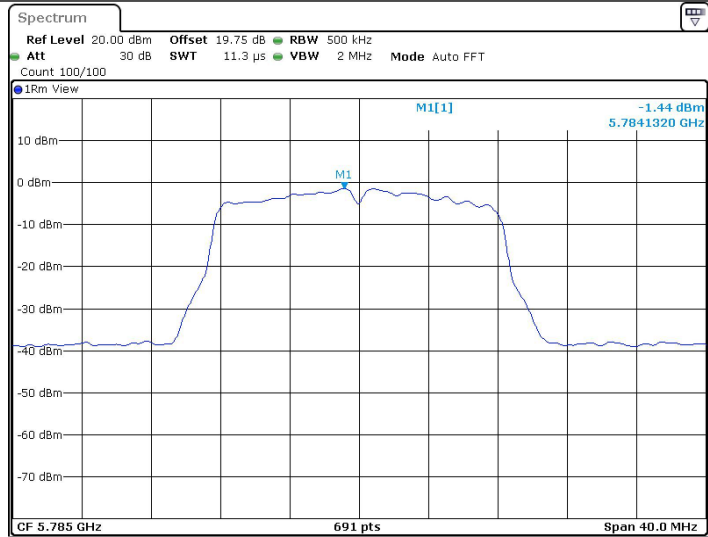


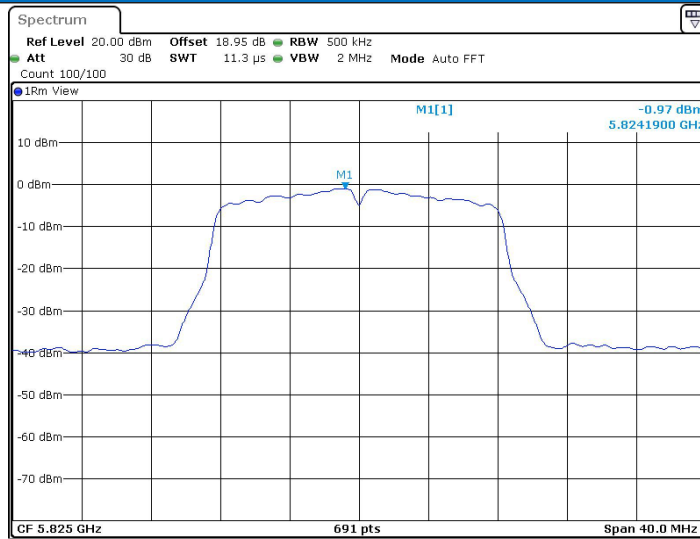
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785

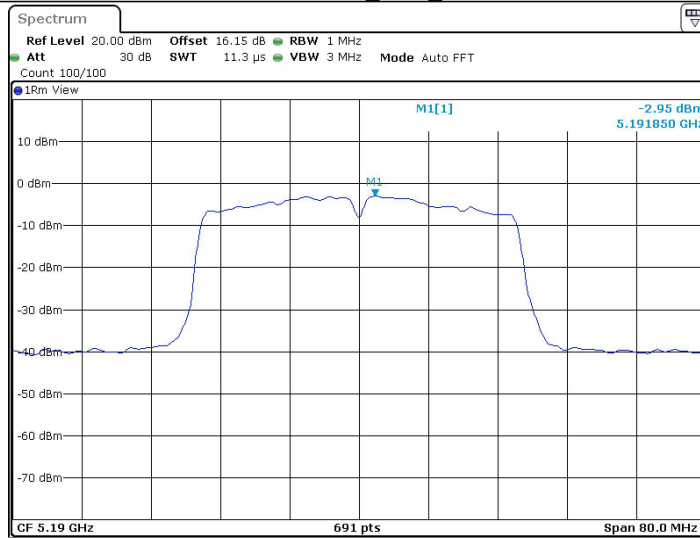


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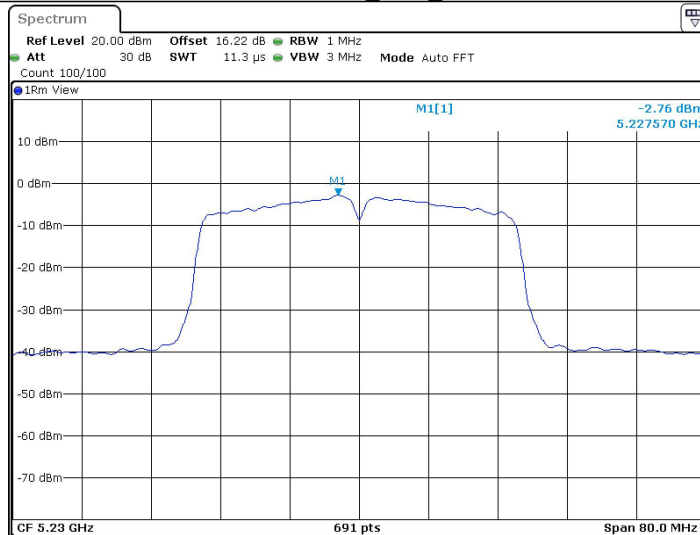
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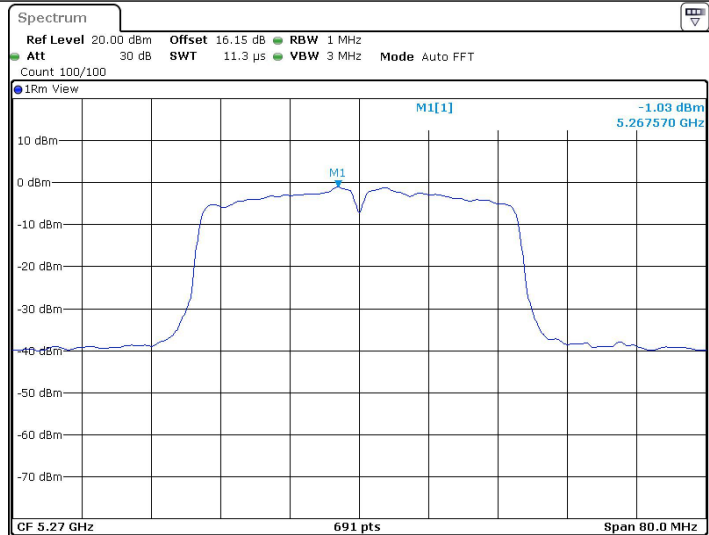
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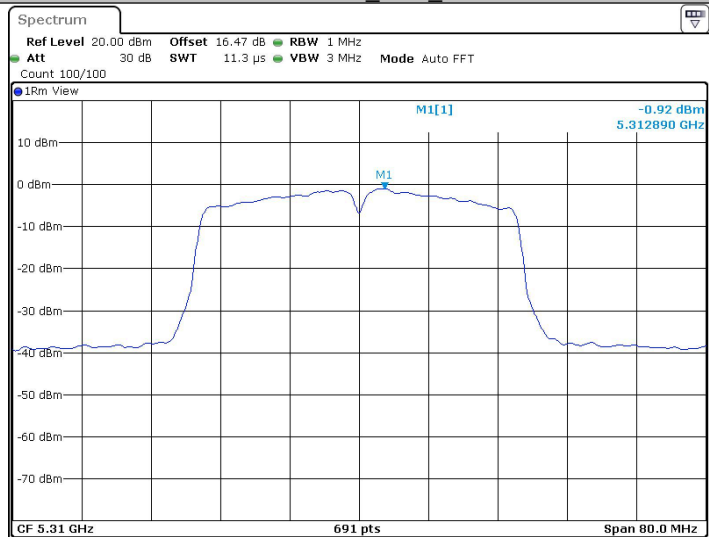
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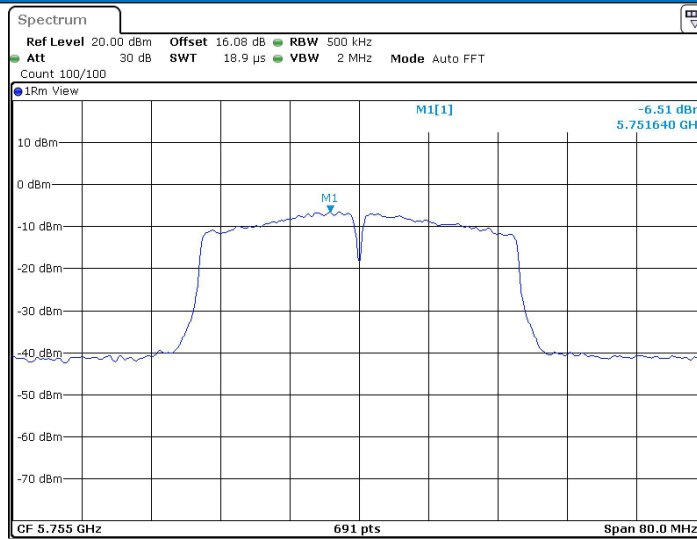
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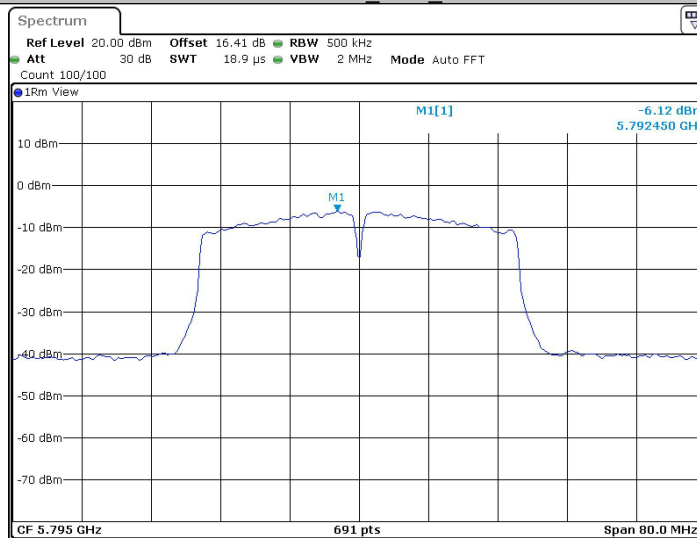
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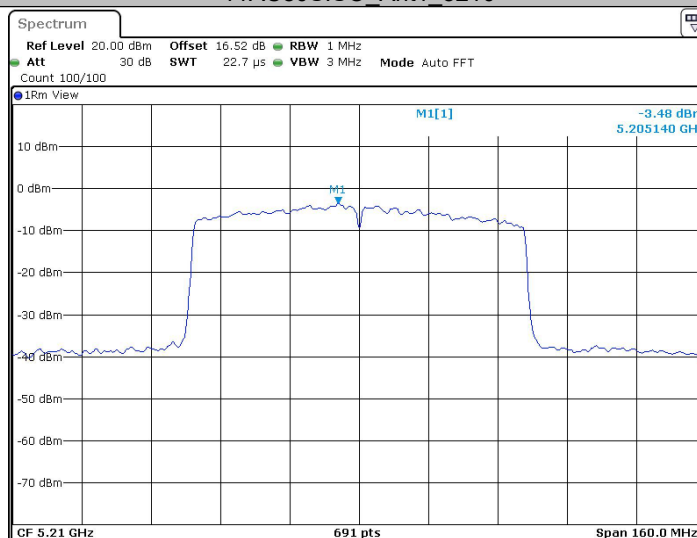
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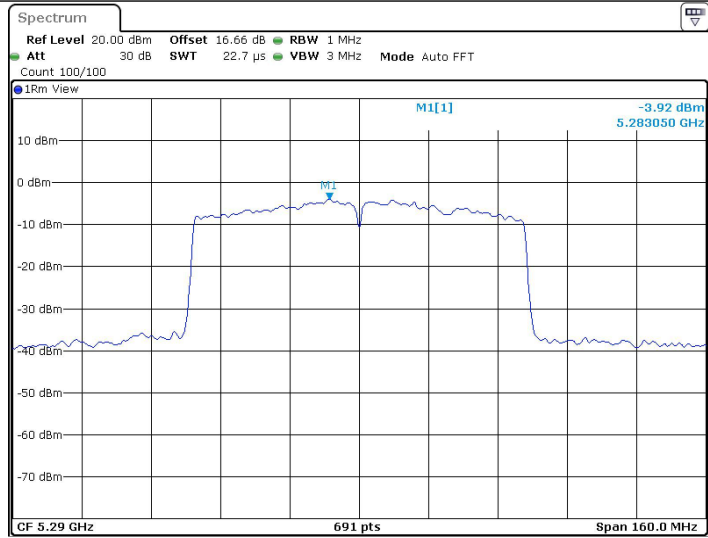
Date: 2 SEP. 2024 15:44:22

11AC80SISO_Ant1_5210



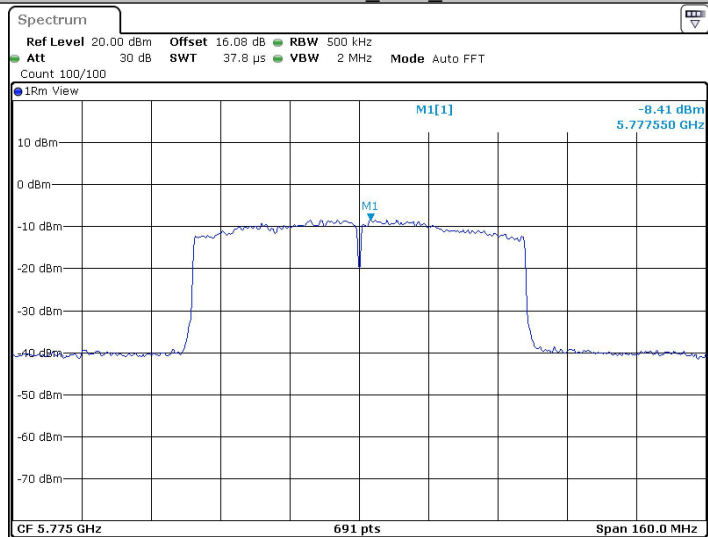
Date: 2 SEP. 2024 15:47:38

11AC80SISO_Ant1_5290



Date: 4 SEP 2024 14:22:51

11AC80SISO_Ant1_5775



Date: 2 SEP 2024 15:51:31

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

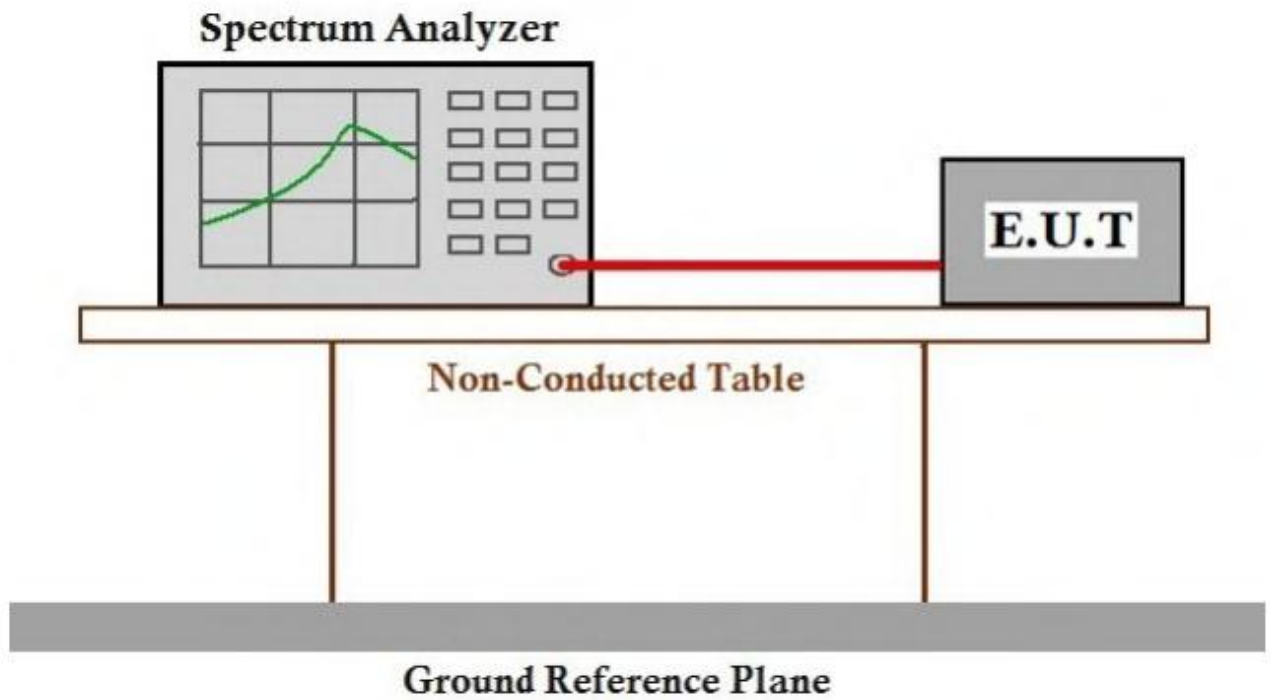
Test Procedure:

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 Result:

7.1.1 Test Result U-NII-1/U-NII-2A

TestMode	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Low	5180	-32.62	≤ -27	PASS
	High	5240	-31.59	≤ -27	PASS
	Low	5260	-32.89	≤ -27	PASS
	High	5320	-33.1	≤ -27	PASS
11N20SISO	Low	5180	-32.43	≤ -27	PASS
	High	5240	-32.56	≤ -27	PASS
	Low	5260	-33.11	≤ -27	PASS
	High	5320	-33.27	≤ -27	PASS
11N40SISO	Low	5190	-33.2	≤ -27	PASS
	High	5230	-30.69	≤ -27	PASS
	Low	5270	-33.15	≤ -27	PASS
	High	5310	-33.02	≤ -27	PASS
11AC20SISO	Low	5180	-33.1	≤ -27	PASS
	High	5240	-32.17	≤ -27	PASS
	Low	5260	-32.73	≤ -27	PASS
	High	5320	-34.47	≤ -27	PASS
11AC40SISO	Low	5190	-32.5	≤ -27	PASS
	High	5230	-32.4	≤ -27	PASS
	Low	5270	-33.21	≤ -27	PASS
		5310	-32.93	≤ -27	PASS
11AC80SISO	Low	5210	-32.8	≤ -27	PASS
	High	5210	-32.16	≤ -27	PASS
	Low	5290	-32.94	≤ -27	PASS
	High	5290	-34.57	≤ -27	PASS

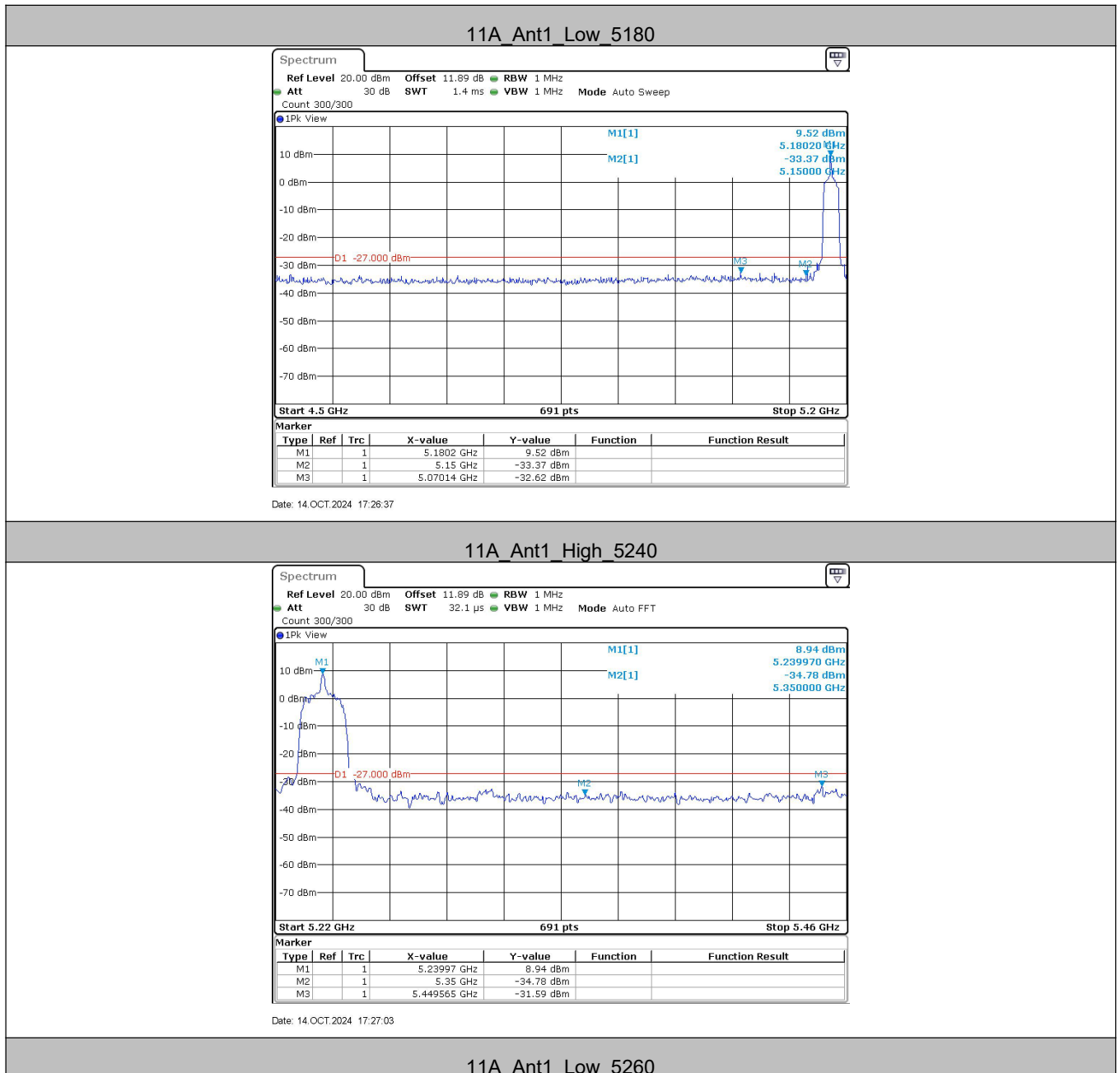
7.1.2 Test Result U-NII-3

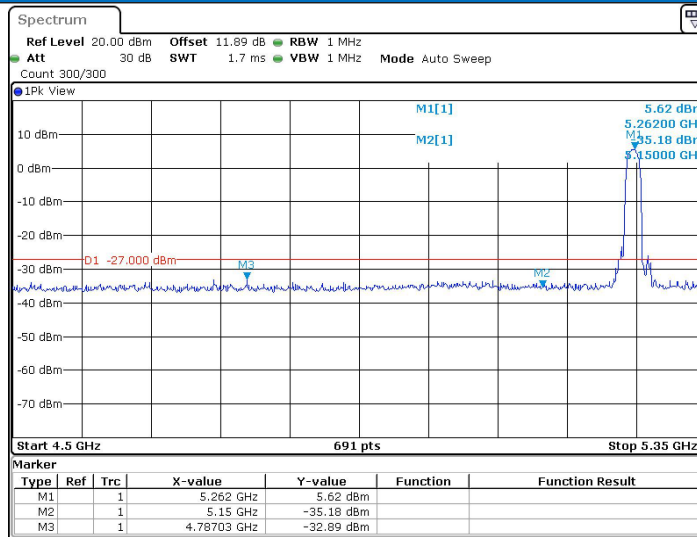
TestMode	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Low	5745	5650~5700	-32.21	≤ -1.72	PASS
			5700~5720	-32.63	≤ 13.73	PASS
			5720~5725	-32.9	≤ 17.50	PASS
			5760~5650	-34.08	≤ -27	PASS

	High	5825	5850~5855	-31.55	≤ 23.38	PASS
			5855~5875	-31.42	≤ 11.47	PASS
			5875~5925	-31.17	≤ 0.03	PASS
			5925~5935	-31.13	≤ -27	PASS
11N20SISO	Low	5745	5650~5700	-31.85	≤ -13.43	PASS
			5700~5720	-32.17	≤ 14.53	PASS
			5720~5725	-33.32	≤ 20.92	PASS
			5760~5650	-33.94	≤ -27	PASS
	High	5825	5850~5855	-31.83	≤ 20.70	PASS
			5855~5875	-32.27	≤ 13.83	PASS
			5875~5925	-31.45	≤ -11.56	PASS
			5925~5935	-30.91	≤ -27	PASS
11N40SISO	Low	5755	5650~5700	-32.46	≤ 2.32	PASS
			5700~5720	-31.03	≤ 12.51	PASS
			5720~5725	-29.97	≤ 26.60	PASS
			5780~5650	-33.39	≤ -27	PASS
	High	5795	5850~5855	-32.39	≤ 18.03	PASS
			5855~5875	-30.96	≤ 11.04	PASS
			5875~5925	-30.28	≤ -25.95	PASS
			5925~5935	-32.1	≤ -27	PASS
11AC20SISO	Low	5745	5650~5700	-32.14	≤ 0.11	PASS
			5700~5720	-32.64	≤ 10.79	PASS
			5720~5725	-32.04	≤ 27.00	PASS
			5760~5650	-33.24	≤ -27	PASS
	High	5825	5850~5855	-32.88	≤ 26.51	PASS
			5855~5875	-31	≤ 11.75	PASS
			5875~5925	-30.78	≤ -0.41	PASS
			5925~5935	-32.63	≤ -27	PASS
11AC40SISO	Low	5755	5650~5700	-33.02	≤ -10.29	PASS
			5700~5720	-31.84	≤ 11.25	PASS
			5720~5725	-31.12	≤ 23.48	PASS
			5780~5650	-34.26	≤ -27	PASS
	High	5795	5850~5855	-31.56	≤ 23.48	PASS
			5855~5875	-29.68	≤ 13.52	PASS
			5875~5925	-31.49	≤ -5.78	PASS
			5925~5935	-32.69	≤ -27	PASS
11AC80SISO	Low	5775	5650~5700	-32.17	≤ 6.04	PASS

O			5700~5720	-28.94	≤14.10	PASS
			5720~5725	-29.95	≤22.32	PASS
			5800~5650	-33.63	≤-27	PASS
	High	5775	5850~5855	-33.01	≤16.84	PASS
			5855~5875	-32.56	≤14.46	PASS
			5875~5925	-31.26	≤3.91	PASS
			5925~5935	-32.45	≤-27	PASS

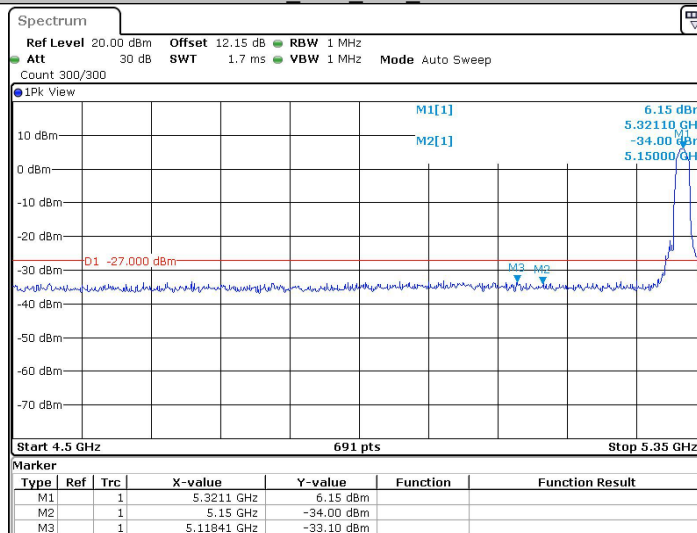
7.1.3 Test Graphs





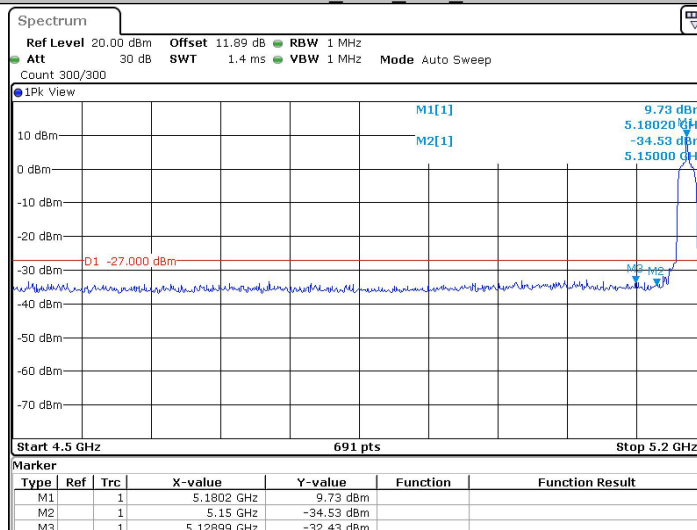
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11A Ant1 Low 5320



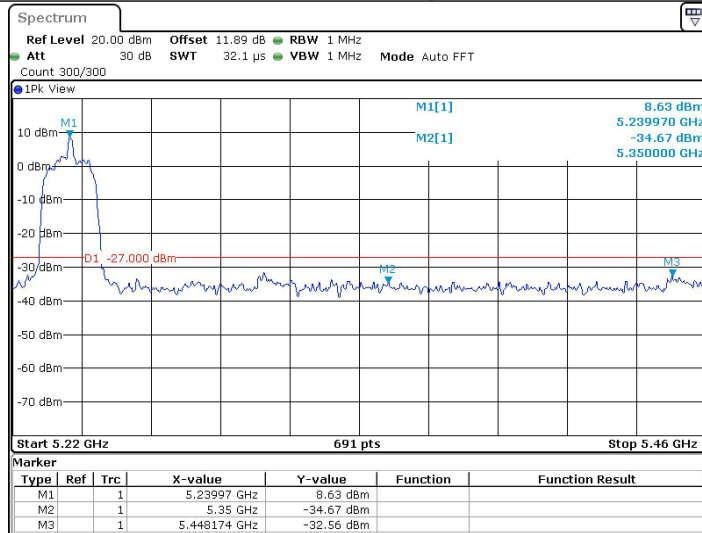
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11N20SISO Ant1 Low 5180



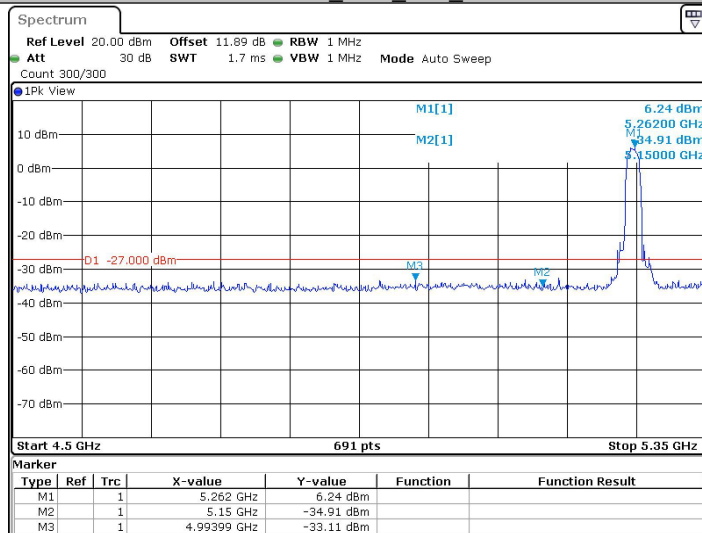
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11N20SISO_Ant1_High_5240



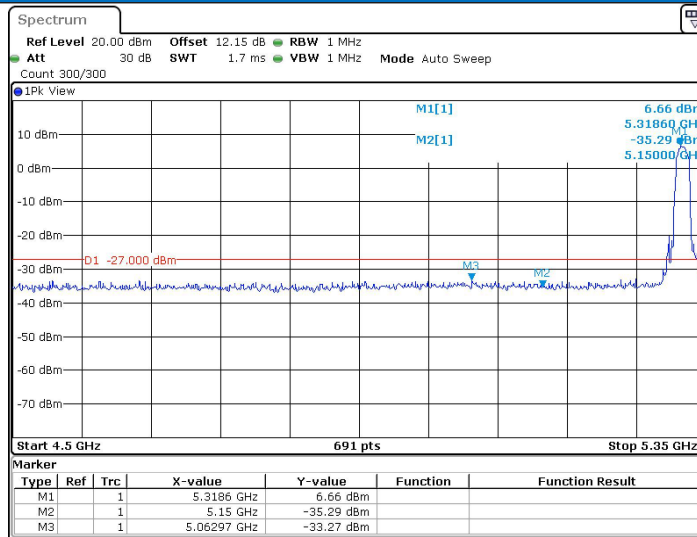
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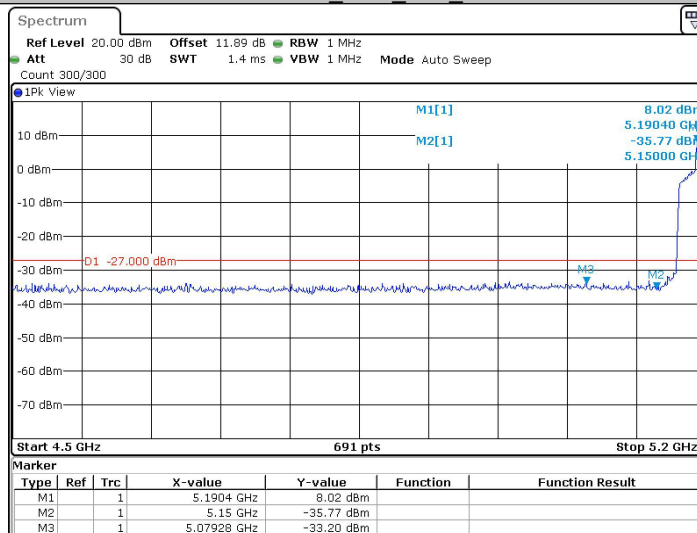
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11N20SISO_Ant1_Low_5320



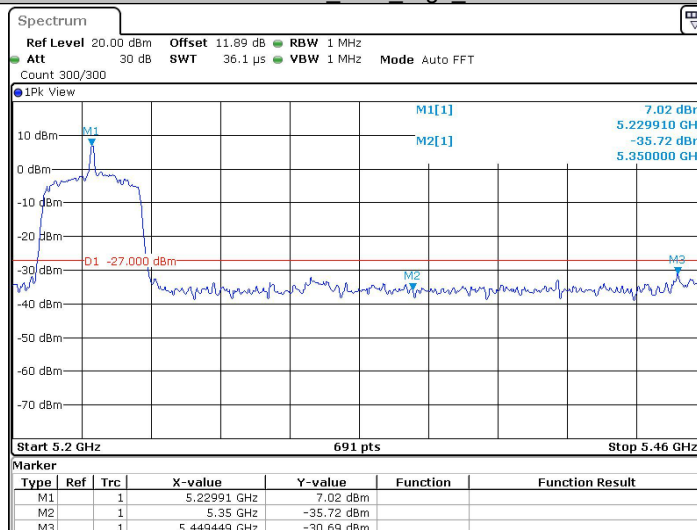
Date: 15.OCT.2024 10:44:02

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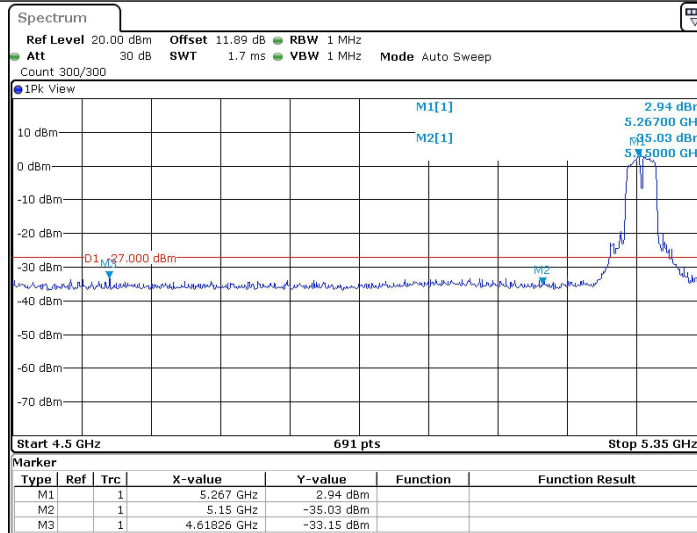
Date: 14.OCT.2024 17:33:12

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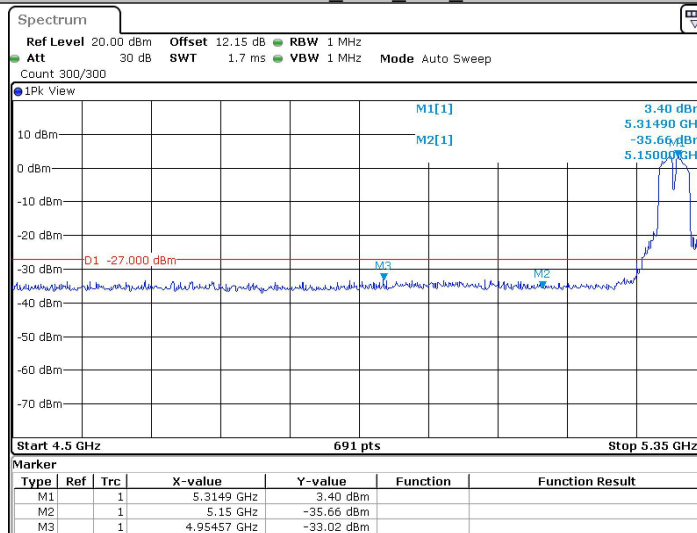
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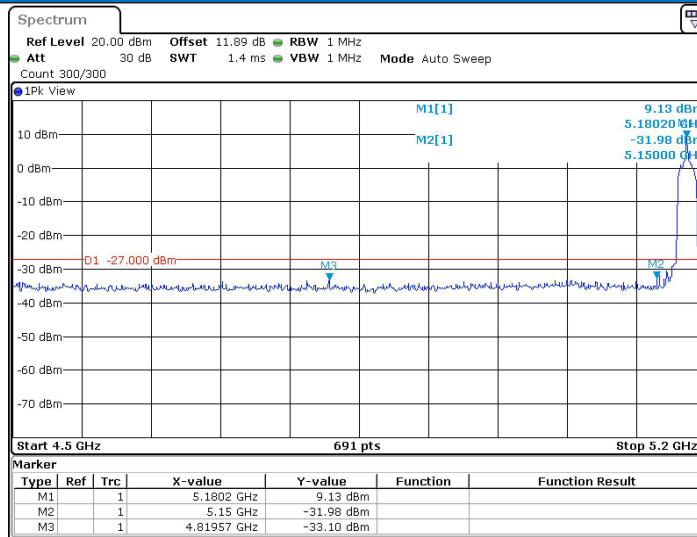
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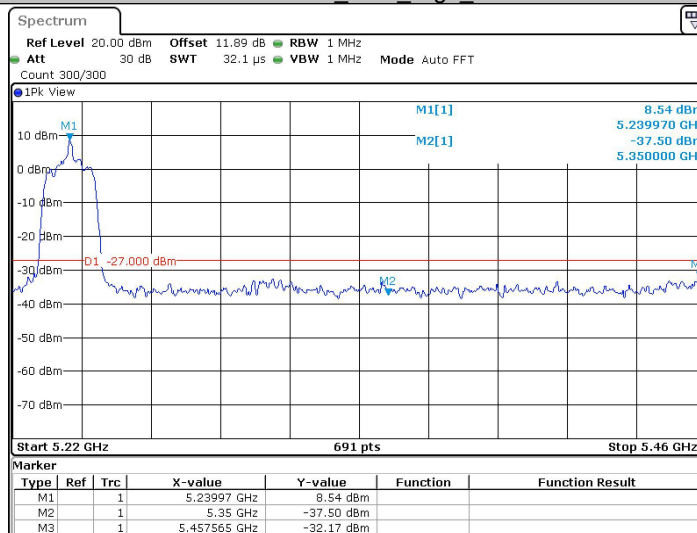
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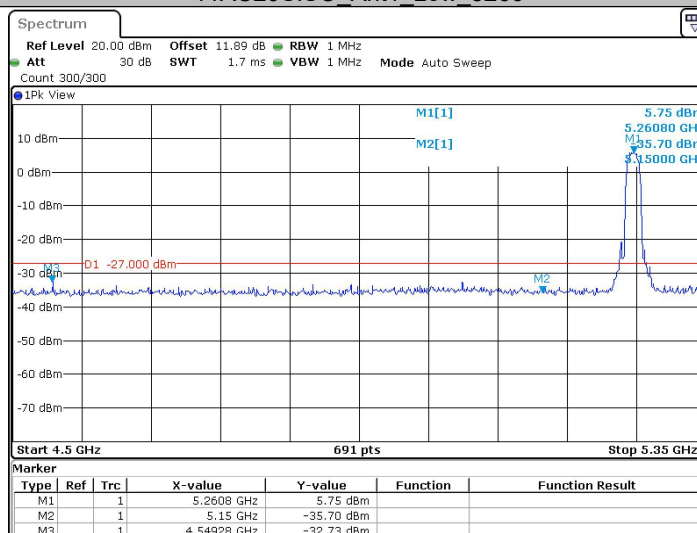
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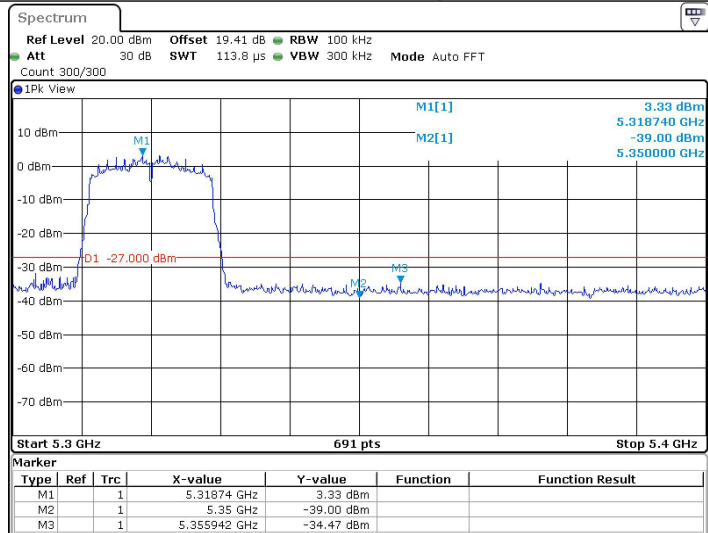
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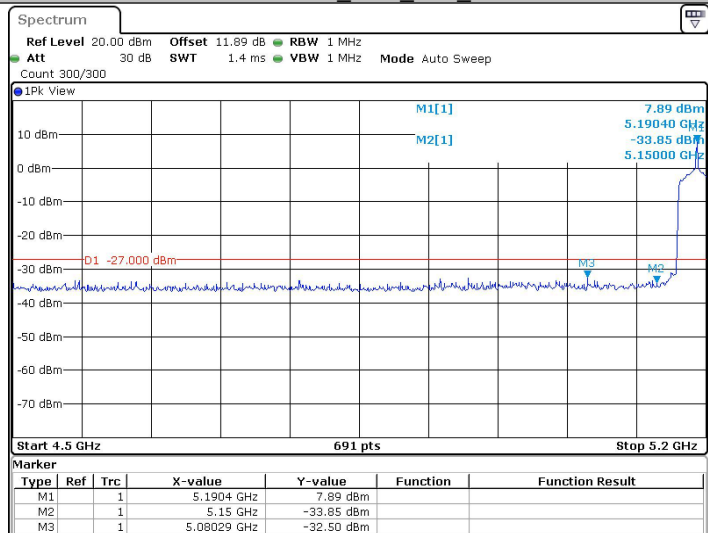
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11AC20SISO_Ant1_High_5320



Date: 4 SEP.2024 14:39:15

11AC40SISO_Ant1_Low_5190



Date: 14.OCT.2024 17:38:47

11AC40SISO_Ant1_High_5230