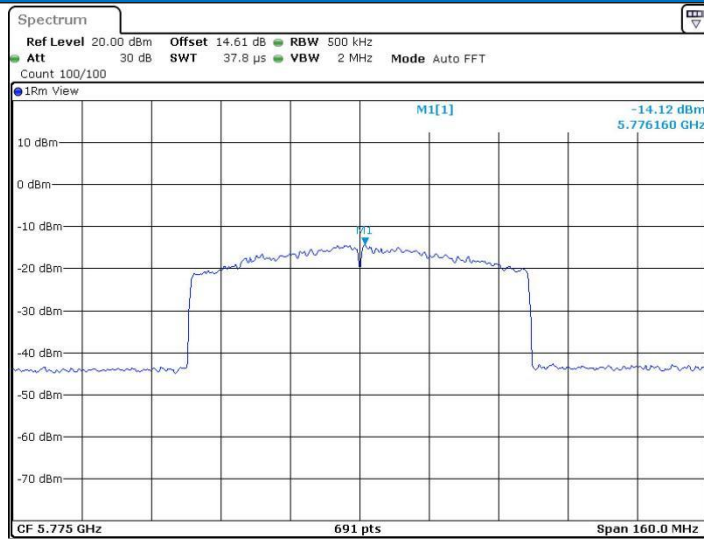




Date: 21 MAY 2024 19:47:06

11AX20SISO_Ant2_5180



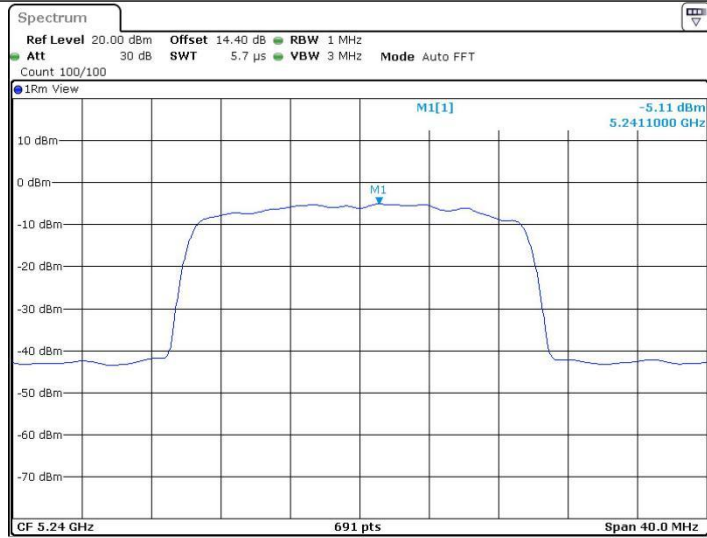
Date: 21 MAY 2024 10:08:11

11AX20SISO_Ant2_5200



Date: 21 MAY 2024 10:14:18

11AX20SISO_Ant2_5240



Date: 21.MAY.2024 10:29:51

11AX20SISO_Ant2_5745



Date: 21.MAY.2024 10:35:48

11AX20SISO_Ant2_5785



Date: 21 MAY 2024 10:41:39

11AX20SISO_Ant2_5825



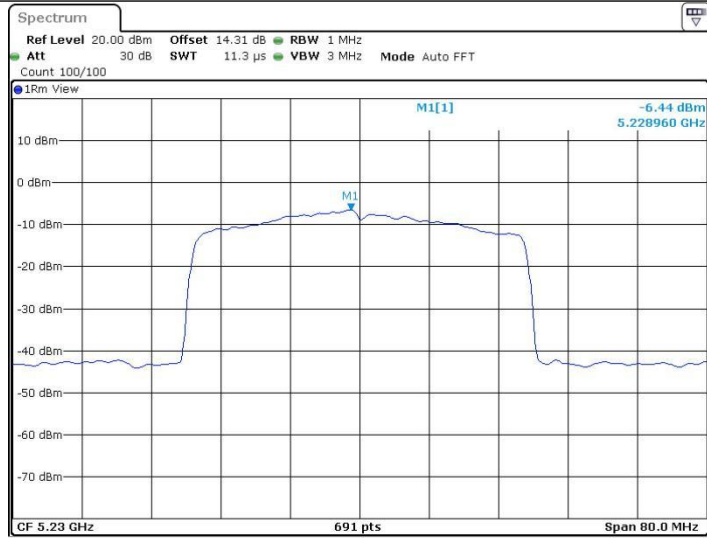
Date: 21 MAY 2024 10:49:01

11AX40SISO_Ant2_5190



Date: 21 MAY 2024 10:55:02

11AX40SISO_Ant2_5230



Date: 21.MAY.2024 11:01:00

11AX40SISO_Ant2_5755



Date: 21.MAY.2024 11:08:42

11AX40SISO_Ant2_5795



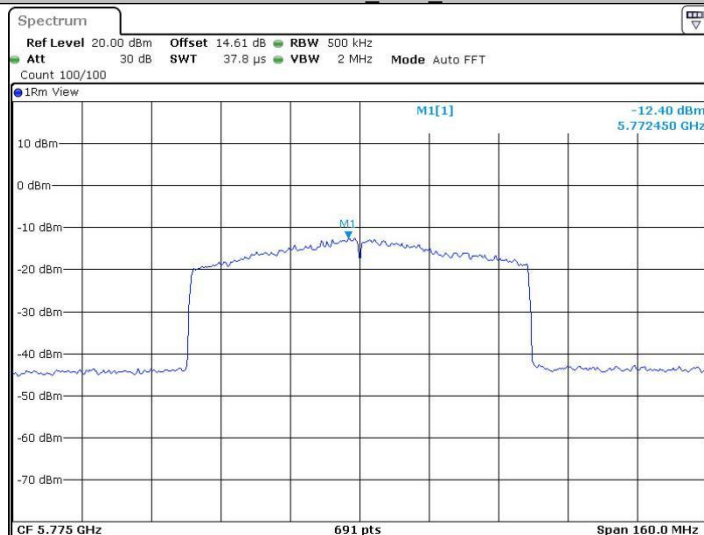
Date: 21 MAY 2024 11:14:34

11AX80SISO_Ant2_5210



Date: 21 MAY 2024 11:21:10

11AX80SISO_Ant2_5775



Date: 21 MAY 2024 11:28:41

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

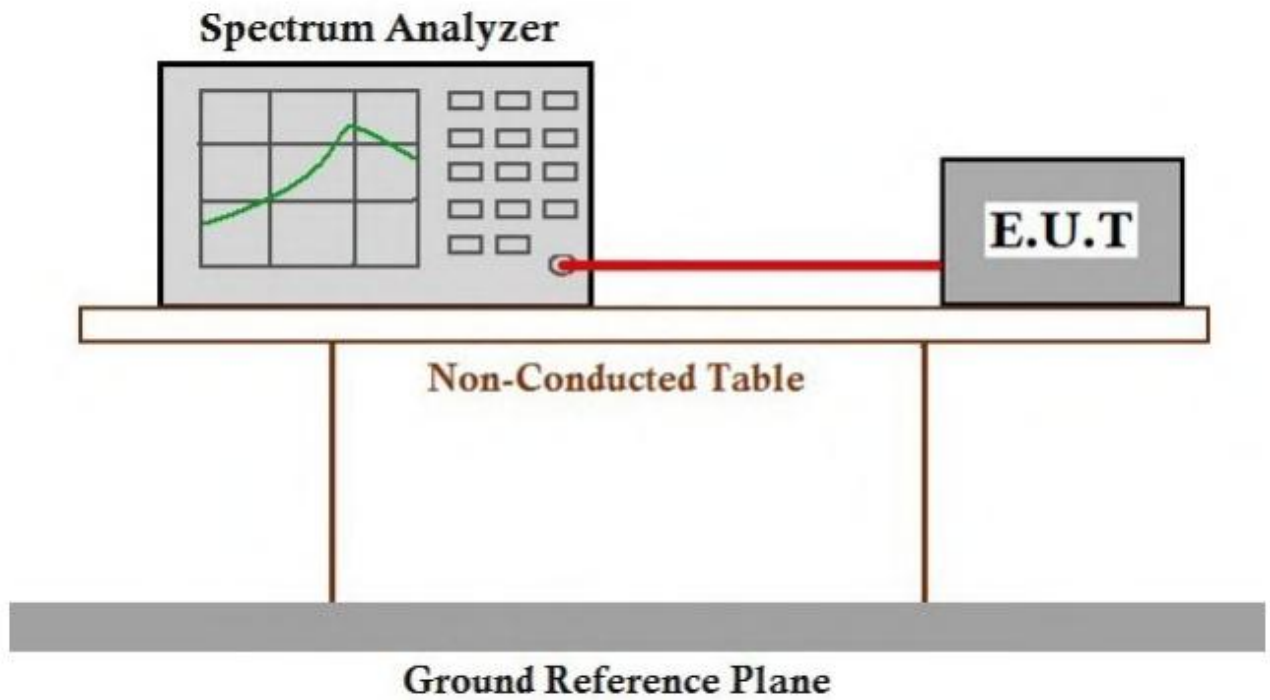
Test Procedure:

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:
Ant1:

7.1.1 Test Result B1/2/3

TestMode	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Low	5180	-46.65	≤-27	PASS
	High	5240	-47.86	≤-27	PASS
11N20SISO	Low	5180	-39.84	≤-27	PASS
	High	5240	-40.81	≤-27	PASS
11N40SISO	Low	5190	-40.41	≤-27	PASS
	High	5230	-41.5	≤-27	PASS
11AC20SISO	Low	5180	-40.87	≤-27	PASS
	High	5240	-41.38	≤-27	PASS
11AC40SISO	Low	5190	-40.68	≤-27	PASS
	High	5230	-41.48	≤-27	PASS
11AC80SISO	Low	5210	-38.82	≤-27	PASS
	High	5210	-40.49	≤-27	PASS
11AX20SISO	Low	5180	-38.54	≤-27	PASS
	High	5240	-39.78	≤-27	PASS
11AX40SISO	Low	5190	-35.94	≤-27	PASS
	High	5230	-39.53	≤-27	PASS
11AX80SISO	Low	5210	-31.47	≤-27	PASS
	High	5210	-40.15	≤-27	PASS

7.1.2 Test Result B4

TestMode	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Low	5745	5650~5700	-39.97	≤5.07	PASS
			5700~5720	-38.79	≤14.67	PASS
			5720~5725	-37.28	≤24.72	PASS
			5760~5650	-40.24	≤-27	PASS
	High	5825	5850~5855	-31.34	≤18.03	PASS
			5855~5875	-33.33	≤10.43	PASS
			5875~5925	-37.66	≤3.93	PASS
			5925~5935	-38.18	≤-27	PASS
11N20SISO	Low	5745	5650~5700	-39.7	≤-19.11	PASS
			5700~5720	-39.49	≤11.26	PASS

	High	5825	5720~5725	-39.2	≤18.26	PASS
			5760~5650	-40.68	≤-27	PASS
			5850~5855	-31.27	≤17.14	PASS
			5855~5875	-33.6	≤10.16	PASS
			5875~5925	-35.74	≤-21.11	PASS
			5925~5935	-38.88	≤-27	PASS
11N40SISO	Low	5755	5650~5700	-39.66	≤-15.64	PASS
			5700~5720	-38.97	≤15.25	PASS
			5720~5725	-38.36	≤20.81	PASS
			5780~5650	-39.1	≤-27	PASS
	High	5795	5850~5855	-39.04	≤15.85	PASS
			5855~5875	-38.6	≤13.99	PASS
			5875~5925	-38.54	≤-26.48	PASS
			5925~5935	-39.71	≤-27	PASS
11AC20SISO	Low	5745	5650~5700	-39.58	≤-13.68	PASS
			5700~5720	-39.34	≤14.48	PASS
			5720~5725	-37.47	≤27.00	PASS
			5760~5650	-41.18	≤-27	PASS
	High	5825	5850~5855	-30.97	≤15.80	PASS
			5855~5875	-31.19	≤10.21	PASS
			5875~5925	-36	≤-25.60	PASS
			5925~5935	-38.39	≤-27	PASS
11AC40SISO	Low	5755	5650~5700	-39.86	≤3.90	PASS
			5700~5720	-38.02	≤11.53	PASS
			5720~5725	-38.15	≤22.59	PASS
			5780~5650	-41.09	≤-27	PASS
	High	5795	5850~5855	-39.33	≤17.48	PASS
			5855~5875	-39.07	≤10.97	PASS
			5875~5925	-39.17	≤-25.07	PASS
			5925~5935	-40.46	≤-27	PASS
11AC80SISO	Low	5775	5650~5700	-35.31	≤-2.77	PASS
			5700~5720	-33.29	≤15.42	PASS
			5720~5725	-34.07	≤15.67	PASS
			5800~5650	-40.63	≤-27	PASS
	High	5775	5850~5855	-40.09	≤26.62	PASS
			5855~5875	-37.49	≤11.98	PASS
			5875~5925	-39.26	≤-18.11	PASS

			5925~5935	-40.52	≤ -27	PASS
11AX20SIS O	Low	5745	5650~5700	-39.08	≤ 6.67	PASS
			5700~5720	-37.36	≤ 12.89	PASS
			5720~5725	-37.66	≤ 25.48	PASS
			5760~5650	-40.62	≤ -27	PASS
			5850~5855	-31.12	≤ 19.37	PASS
	High	5825	5855~5875	-38.32	≤ 10.49	PASS
			5875~5925	-39.33	≤ 23.28	PASS
			5925~5935	-39.85	≤ -27	PASS
11AX40SIS O	Low	5755	5650~5700	-39.26	≤ 0.15	PASS
			5700~5720	-38.11	≤ 12.46	PASS
			5720~5725	-37.42	≤ 17.68	PASS
			5780~5650	-40.6	≤ -27	PASS
	High	5795	5850~5855	-39.83	≤ 15.85	PASS
			5855~5875	-38.3	≤ 13.72	PASS
			5875~5925	-38.39	≤ 6.61	PASS
			5925~5935	-40.22	≤ -27	PASS
11AX80SIS O	Low	5775	5650~5700	-34.82	≤ 2.77	PASS
			5700~5720	-31.76	≤ 13.09	PASS
			5720~5725	-30.93	≤ 26.93	PASS
			5800~5650	-40.95	≤ -27	PASS
	High	5775	5850~5855	-38.85	≤ 26.01	PASS
			5855~5875	-38.49	≤ 14.31	PASS
			5875~5925	-39.26	≤ 1.05	PASS
			5925~5935	-40.18	≤ -27	PASS

Ant2:

7.1.3 Test Result B1

TestMode	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Low	5180	-39.27	≤ -27	PASS
	High	5240	-40.96	≤ -27	PASS
11N20SISO	Low	5180	-40.08	≤ -27	PASS
	High	5240	-41.27	≤ -27	PASS
11N40SISO	Low	5190	-39.25	≤ -27	PASS
	High	5230	-40.04	≤ -27	PASS
11AC20SISO	Low	5180	-40.18	≤ -27	PASS
	High	5240	-40.13	≤ -27	PASS
11AC40SISO	Low	5190	-39.52	≤ -27	PASS
	High	5230	-39.81	≤ -27	PASS
11AC80SISO	Low	5210	-37.26	≤ -27	PASS
	High	5210	-40.55	≤ -27	PASS
11AX20SISO	Low	5180	-39.9	≤ -27	PASS
	High	5240	-40.58	≤ -27	PASS
11AX40SISO	Low	5190	-39.19	≤ -27	PASS
	High	5230	-40.27	≤ -27	PASS
11AX80SISO	Low	5210	-36.53	≤ -27	PASS
	High	5210	-40.17	≤ -27	PASS

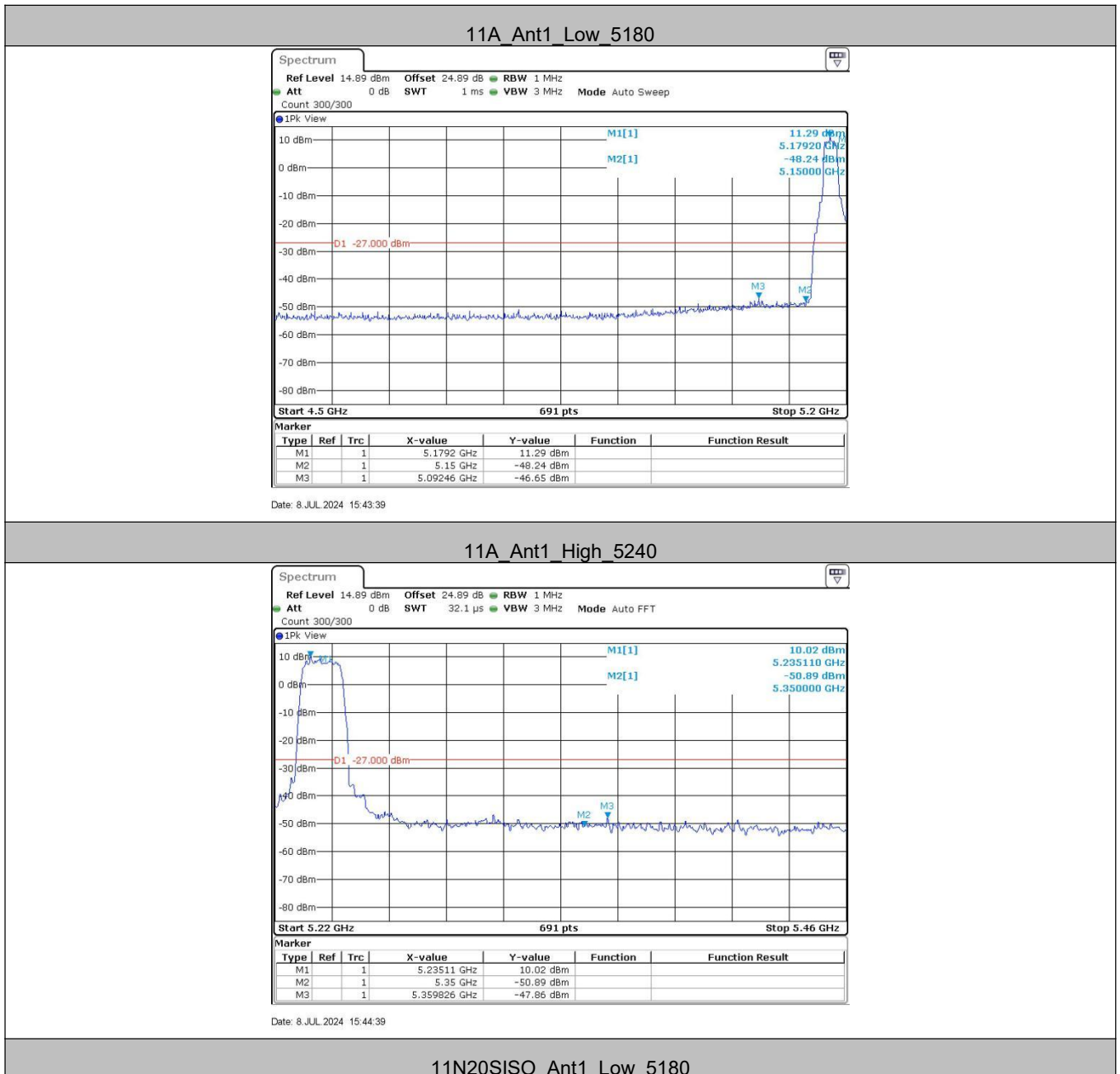
7.1.4 Test Result B4

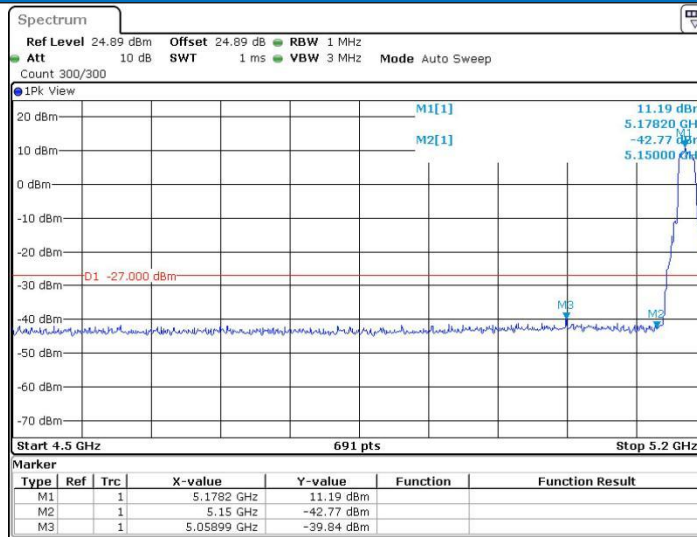
TestMode	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Low	5745	5650~5700	-39.43	≤ 3.34	PASS
			5700~5720	-38.5	≤ 15.27	PASS
			5720~5725	-40.41	≤ 23.20	PASS
			5760~5650	-40.26	≤ -27	PASS
	High	5825	5850~5855	-33.92	≤ 16.25	PASS
			5855~5875	-34.53	≤ 10.27	PASS
			5875~5925	-38.07	≤ 9.53	PASS
			5925~5935	-40.44	≤ -27	PASS
11N20SISO	Low	5745	5650~5700	-39.88	≤ 1.96	PASS
			5700~5720	-39.35	≤ 14.20	PASS
			5720~5725	-39.58	≤ 27.00	PASS

	High	5825	5760~5650	-40.43	≤ -27	PASS
			5850~5855	-35.95	≤ 15.80	PASS
			5855~5875	-33.77	≤ 13.72	PASS
			5875~5925	-35.82	≤ -26.90	PASS
			5925~5935	-39.74	≤ -27	PASS
11N40SISO	Low	5755	5650~5700	-39.03	≤ -18.54	PASS
			5700~5720	-39.39	≤ 12.40	PASS
			5720~5725	-38.48	≤ 18.57	PASS
			5780~5650	-39.08	≤ -27	PASS
	High	5795	5850~5855	-38.13	≤ 19.12	PASS
			5855~5875	-39.02	≤ 14.39	PASS
			5875~5925	-39.63	≤ -26.31	PASS
			5925~5935	-40.27	≤ -27	PASS
11AC20SISO	Low	5745	5650~5700	-39.36	≤ -18.24	PASS
			5700~5720	-39.6	≤ 12.01	PASS
			5720~5725	-39.23	≤ 17.88	PASS
			5760~5650	-40.29	≤ -27	PASS
	High	5825	5850~5855	-35.17	≤ 17.14	PASS
			5855~5875	-37.24	≤ 11.20	PASS
			5875~5925	-34.2	≤ -21.40	PASS
			5925~5935	-38.89	≤ -27	PASS
11AC40SISO	Low	5755	5650~5700	-39.38	≤ -4.78	PASS
			5700~5720	-38.95	≤ 10.21	PASS
			5720~5725	-36.07	≤ 21.70	PASS
			5780~5650	-40.94	≤ -27	PASS
	High	5795	5850~5855	-40.69	≤ 24.03	PASS
			5855~5875	-38.58	≤ 15.59	PASS
			5875~5925	-38.74	≤ -26.84	PASS
			5925~5935	-39.6	≤ -27	PASS
11AC80SISO	Low	5775	5650~5700	-33.81	≤ -3.27	PASS
			5700~5720	-32.26	≤ 13.03	PASS
			5720~5725	-35.63	≤ 26.93	PASS
			5800~5650	-41.42	≤ -27	PASS
	High	5775	5850~5855	-39.21	≤ 16.84	PASS
			5855~5875	-37.4	≤ 11.98	PASS
			5875~5925	-39.75	≤ -24.26	PASS
			5925~5935	-40.51	≤ -27	PASS

11AX20SIS O	Low	5745	5650~5700	-39.22	≤ 4.20	PASS
			5700~5720	-38.27	≤ 15.55	PASS
			5720~5725	-37.82	≤ 27.00	PASS
			5760~5650	-41.54	≤ -27	PASS
	High	5825	5850~5855	-32.47	≤ 17.58	PASS
			5855~5875	-32.35	≤ 14.05	PASS
			5875~5925	-34.38	≤ -19.38	PASS
			5925~5935	-39.93	≤ -27	PASS
11AX40SIS O	Low	5755	5650~5700	-39.23	≤ 9.98	PASS
			5700~5720	-38.2	≤ 15.47	PASS
			5720~5725	-38.05	≤ 21.25	PASS
			5780~5650	-40.29	≤ -27	PASS
	High	5795	5850~5855	-39.69	≤ 18.03	PASS
			5855~5875	-38.17	≤ 13.38	PASS
			5875~5925	-39.1	≤ 5.19	PASS
			5925~5935	-40.56	≤ -27	PASS
11AX80SIS O	Low	5775	5650~5700	-35.24	≤ 3.38	PASS
			5700~5720	-31.65	≤ 15.23	PASS
			5720~5725	-34.06	≤ 16.18	PASS
			5800~5650	-40.3	≤ -27	PASS
	High	5775	5850~5855	-39.79	≤ 18.06	PASS
			5855~5875	-37.53	≤ 11.76	PASS
			5875~5925	-39.04	≤ -24.26	PASS
			5925~5935	-39.96	≤ -27	PASS

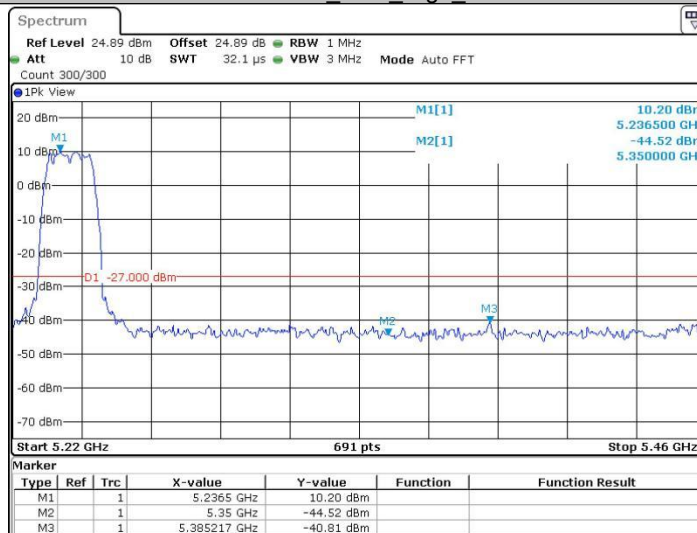
7.1.5 Test Graphs B1





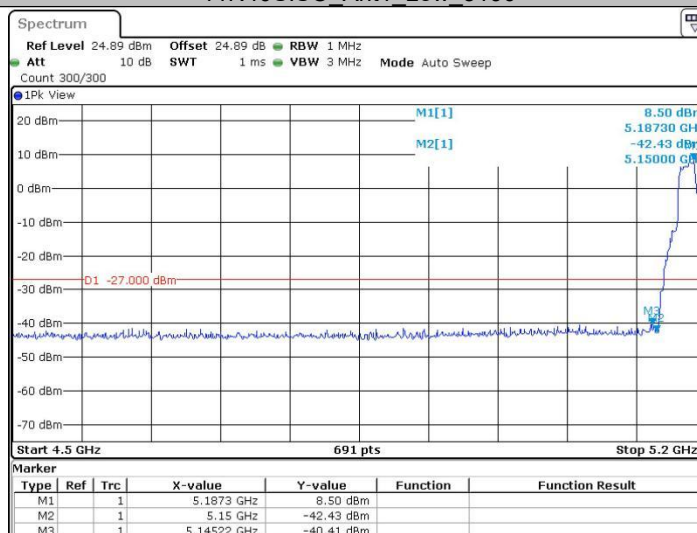
Date: 8 JUL 2024 15:55:18

11N20SISO_Ant1_High_5240



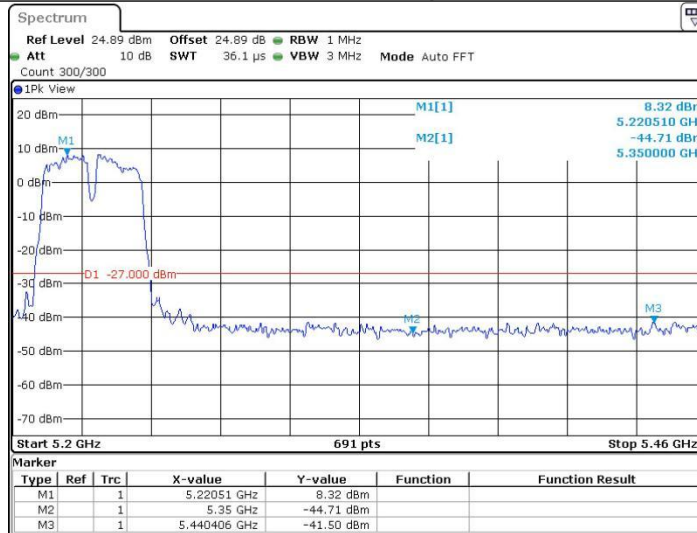
Date: 8 JUL 2024 15:55:46

11N40SISO_Ant1_Low_5190



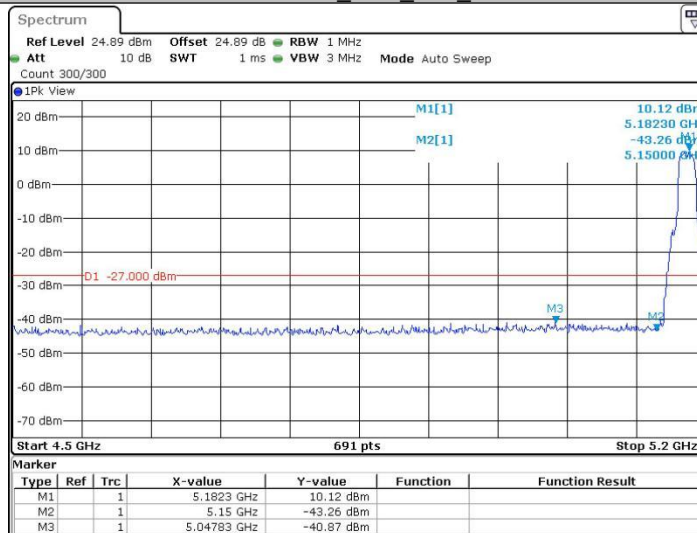
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11N40SISO_Ant1_High_5230



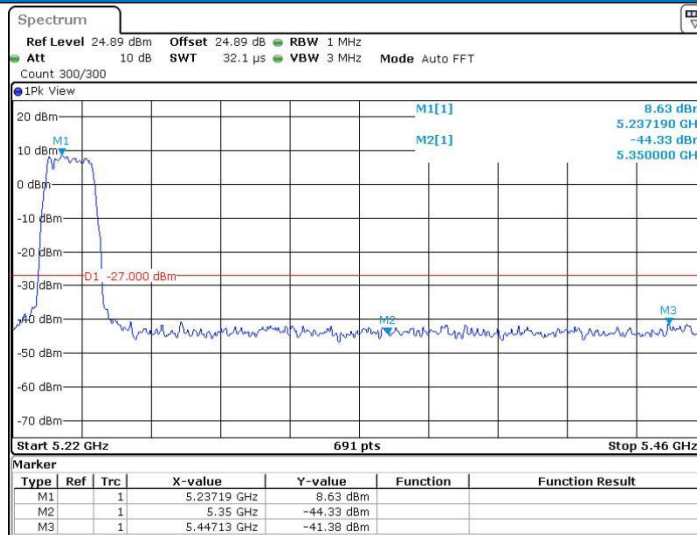
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11AC20SISO_Ant1_Low_5180



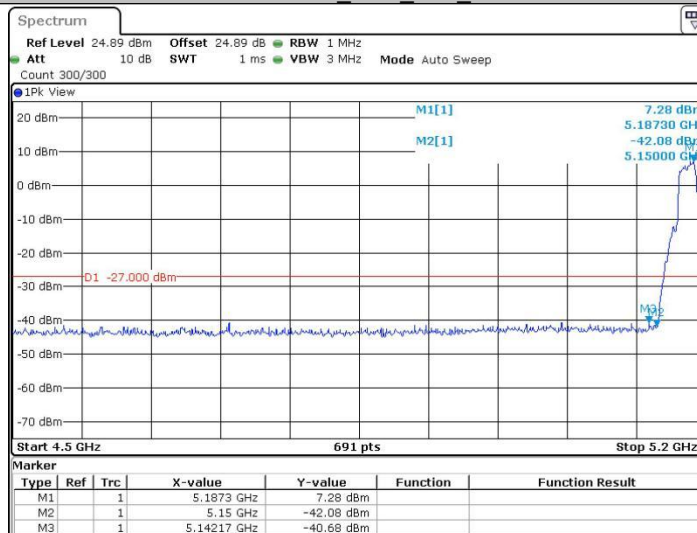
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11AC20SISO_Ant1_High_5240



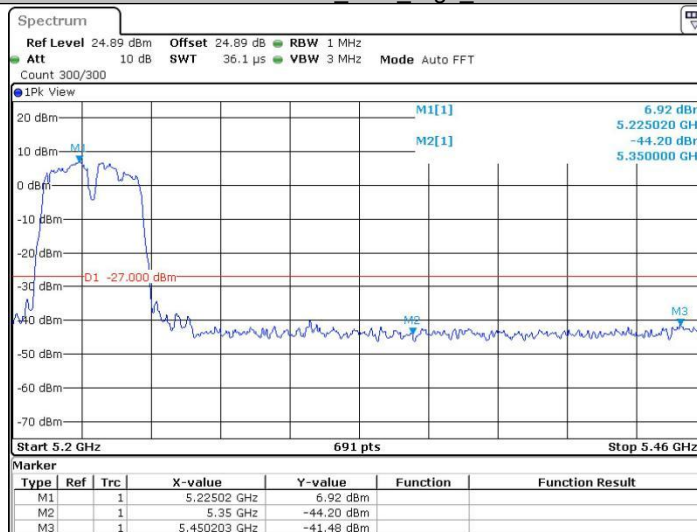
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11AC40SISO_Ant1_Low_5190



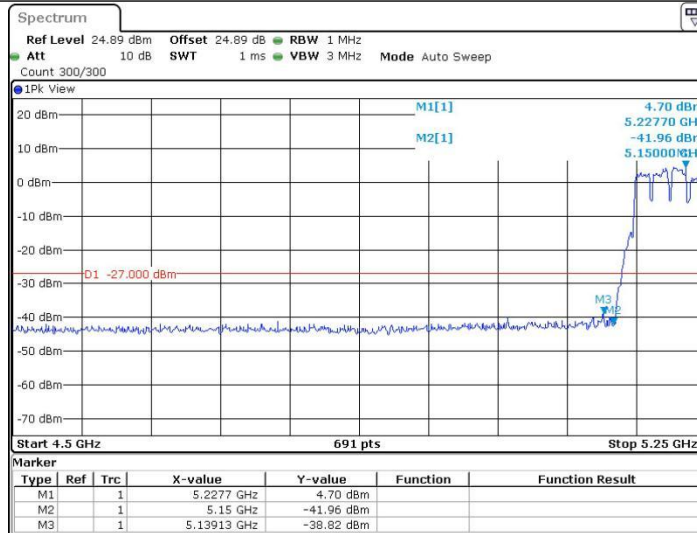
Date: 8 JUL 2024 16:11:49

11AC40SISO_Ant1_High_5230



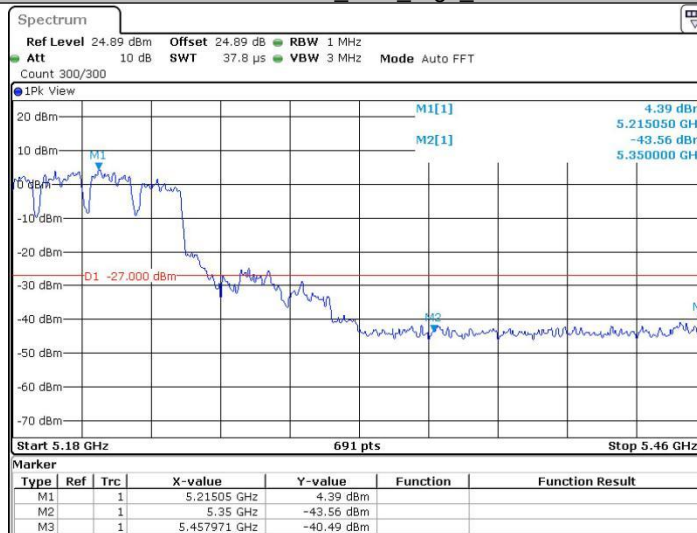
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11AC80SISO_Ant1_Low_5210



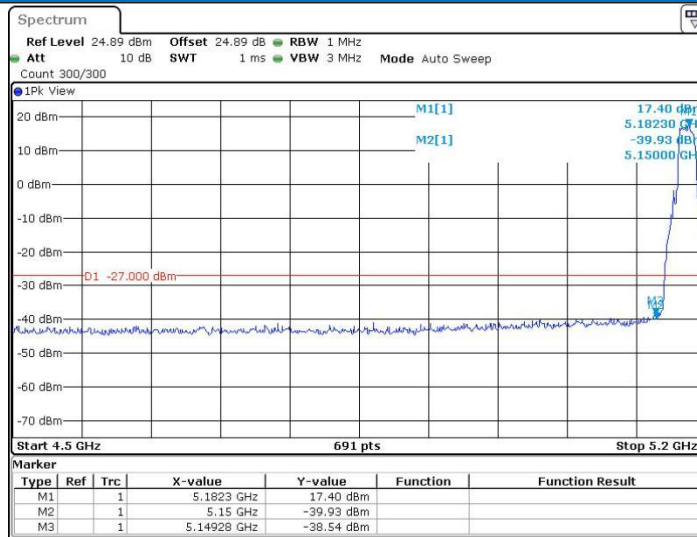
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11AC80SISO_Ant1_High_5210



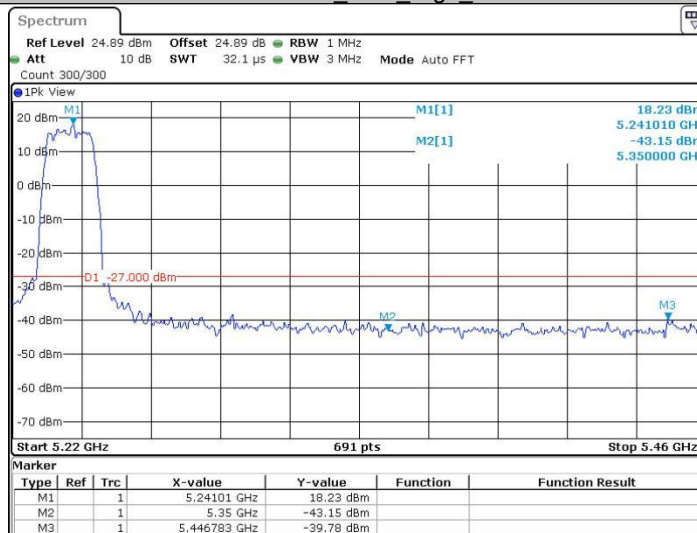
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11AX20SISO_Ant1_Low_5180



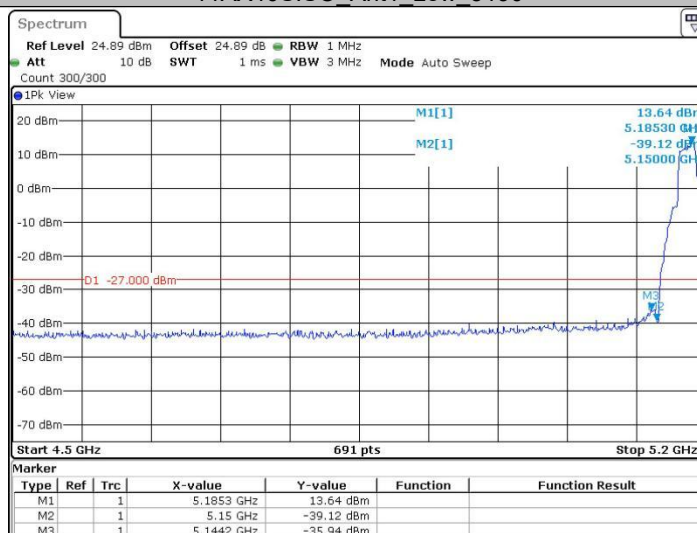
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11AX20SISO_Ant1_High_5240



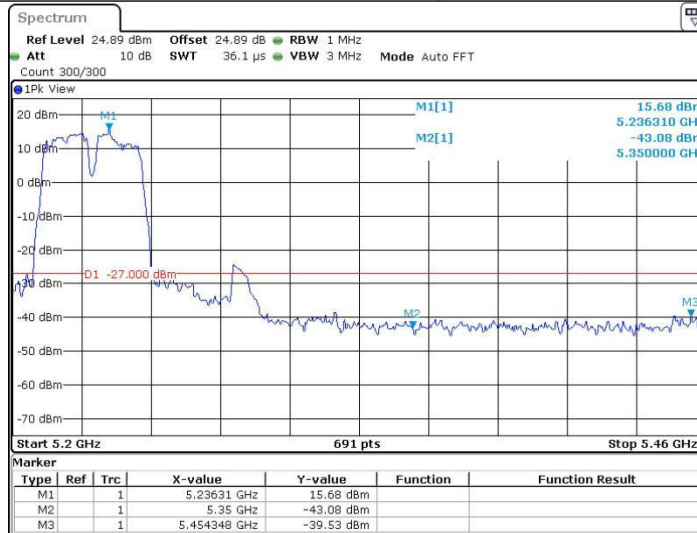
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11AX40SISO_Ant1_Low_5190



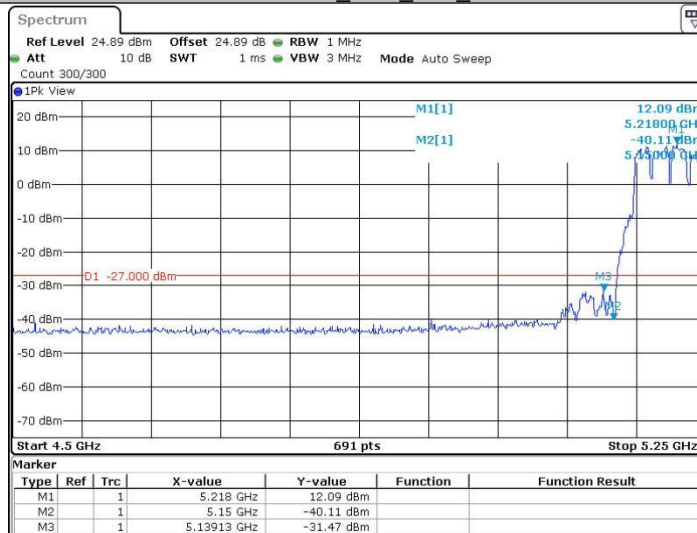
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11AX40SISO_Ant1_High_5230



Date: 8 JUL 2024 16:50:50

11AX80SISO_Ant1_Low_5210



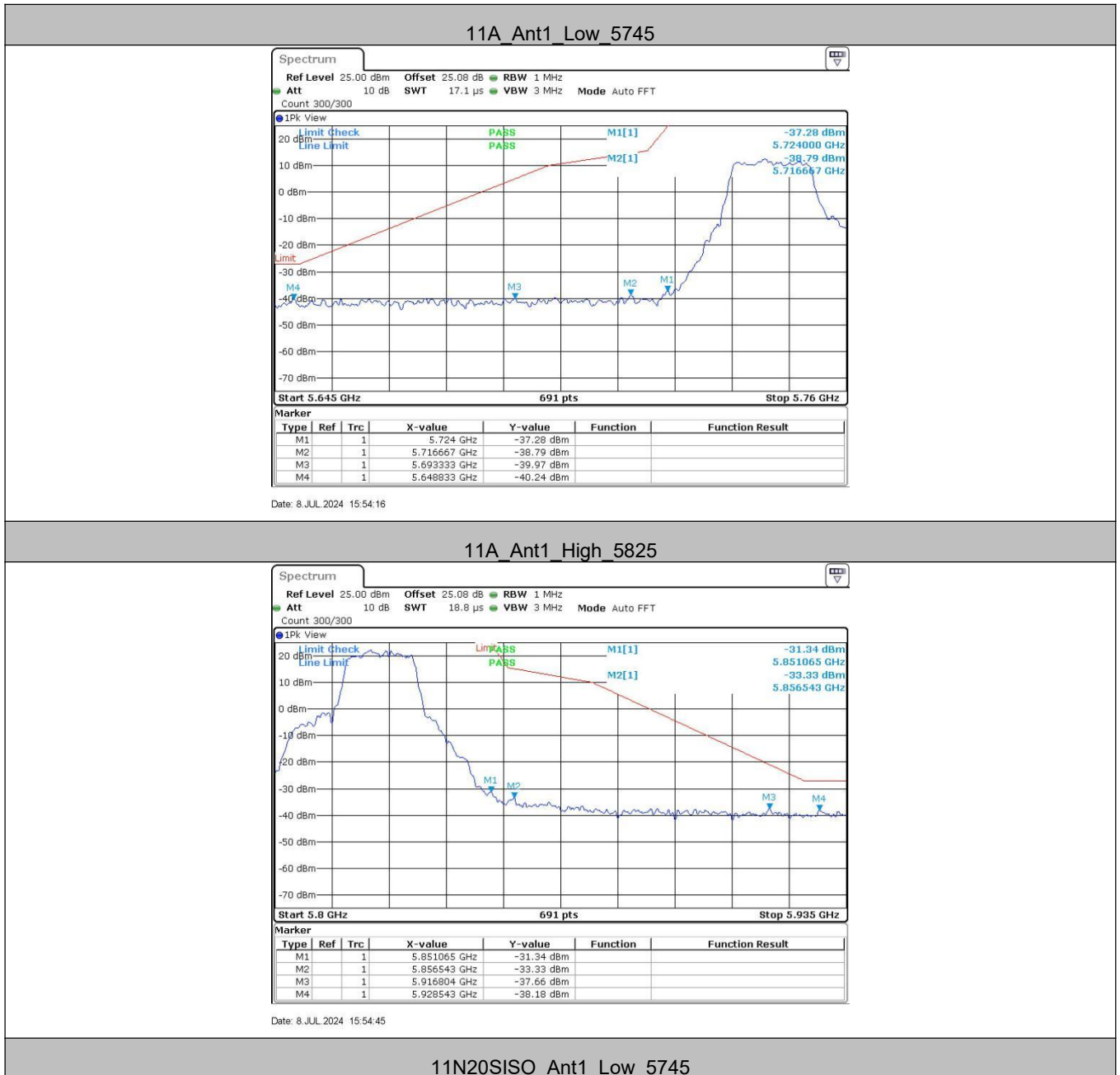
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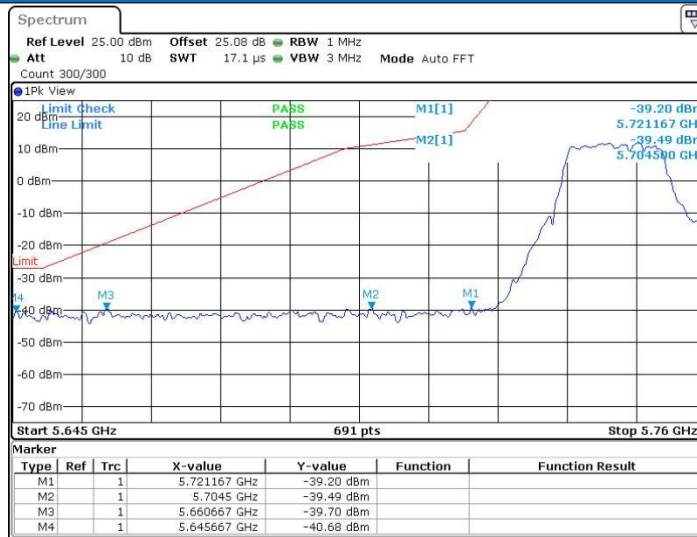
11AX80SISO_Ant1_High_5210



Date: 8 JUL 2024 16:53:08

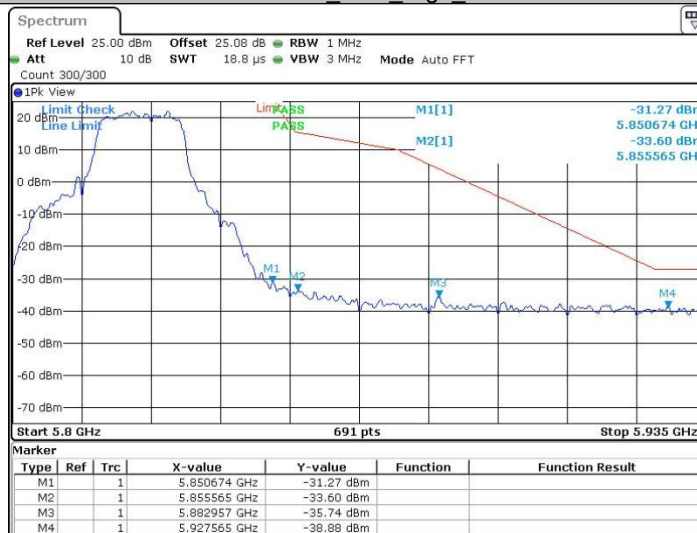
7.1.6 Test Graphs B4





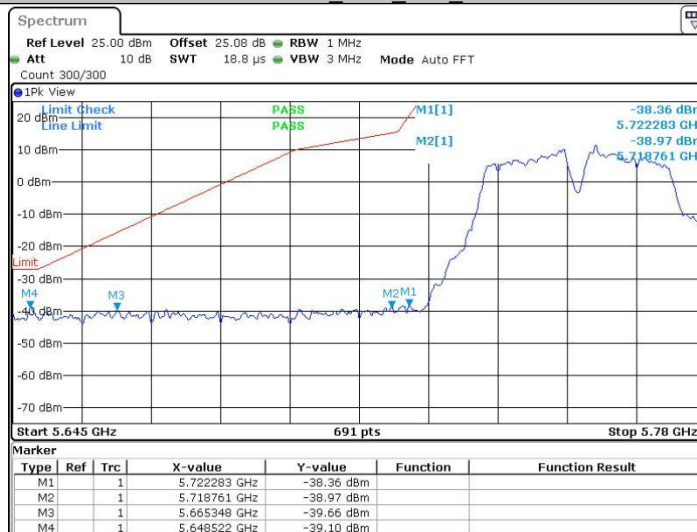
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11N20SISO_Ant1_High_5825



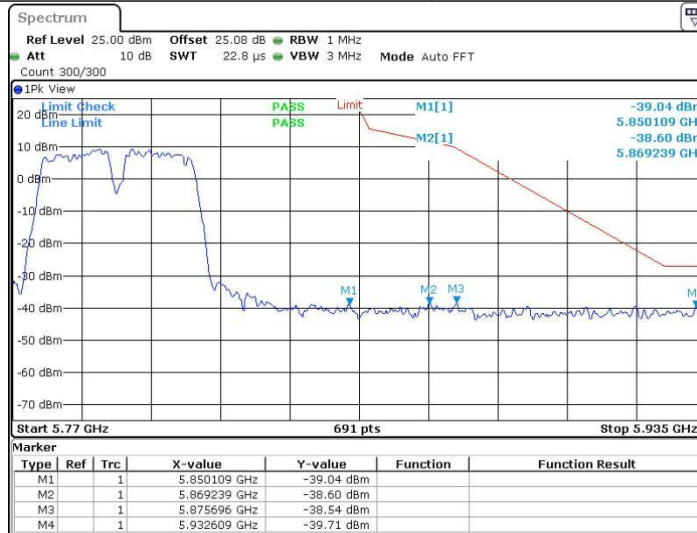
Date: 8 JUL 2024 15:56:54

11N40SISO_Ant1_Low_5755



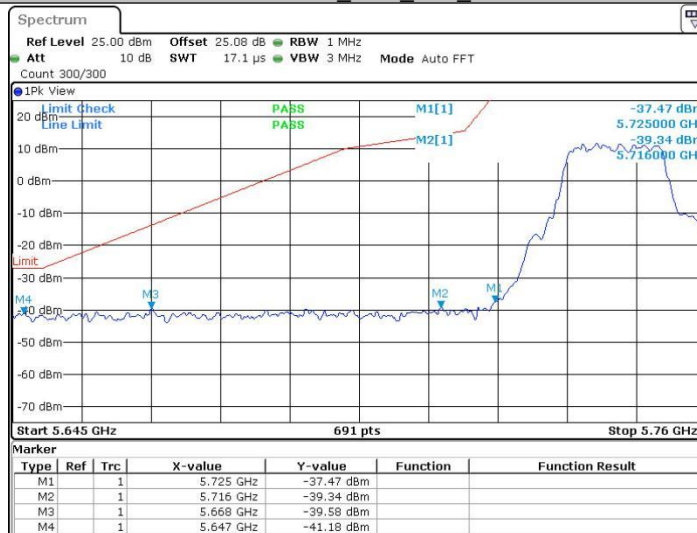
Date: 8 JUL 2024 15:58:30

11N40SISO_Ant1_High_5795



Date: 8 JUL 2024 15:59:02

11AC20SISO_Ant1_Low_5745



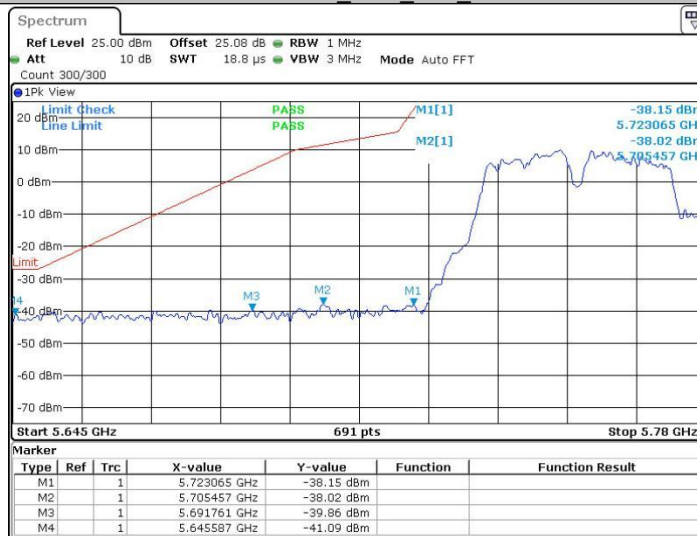
Date: 8 JUL 2024 16:10:34

11AC20SISO_Ant1_High_5825



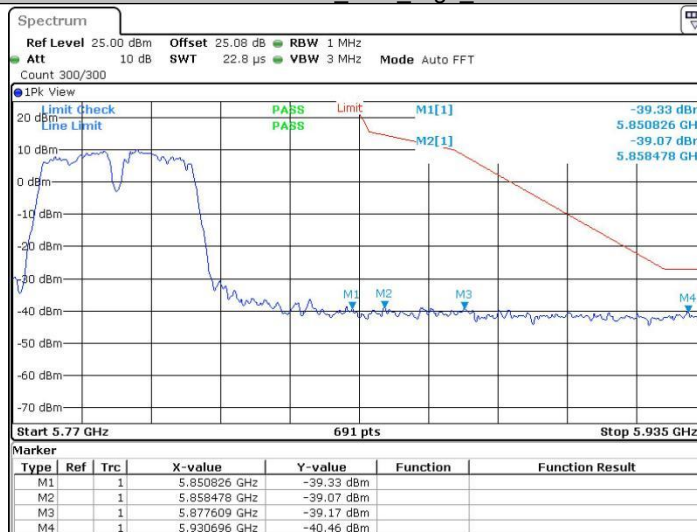
Date: 8 JUL 2024 16:11:06

11AC40SISO_Ant1_Low_5755



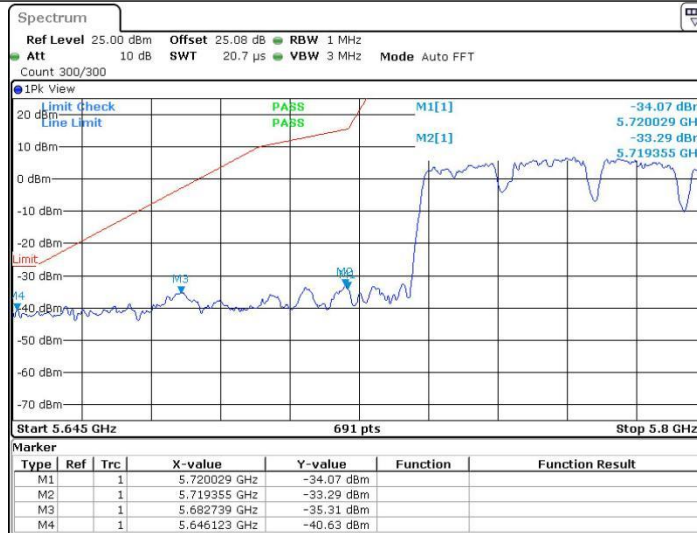
Date: 8 JUL 2024 16:12:43

11AC40SISO_Ant1_High_5795



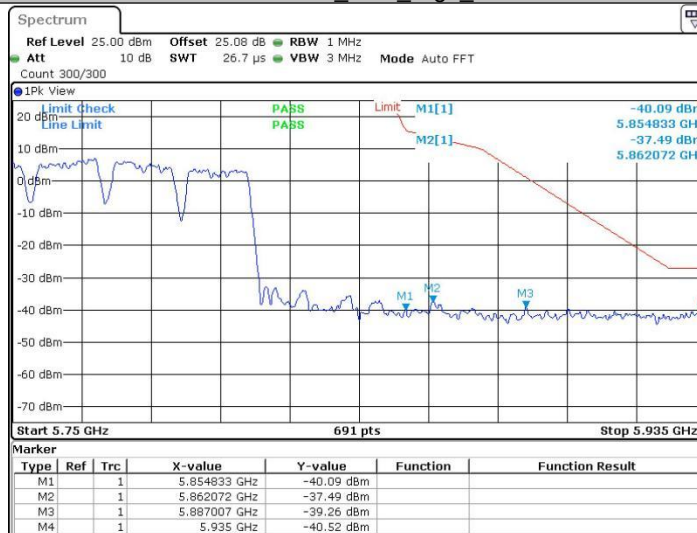
Date: 8 JUL 2024 16:13:20

11AC80SISO_Ant1_Low_5775



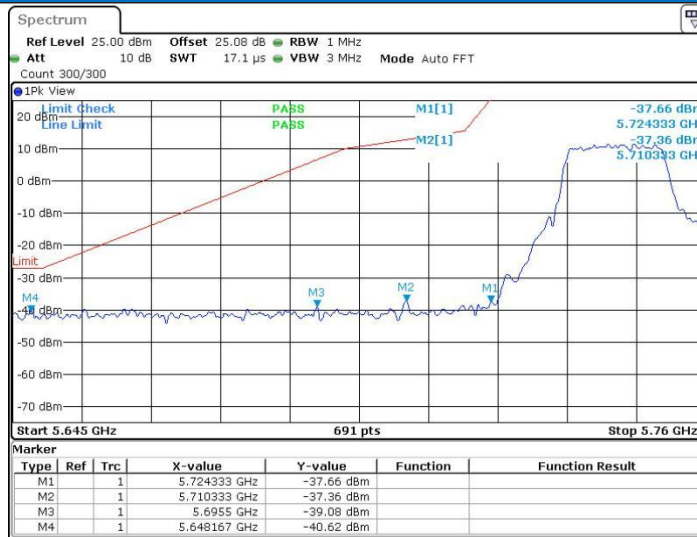
Date: 8 JUL 2024 16:14:35

11AC80SISO_Ant1_High_5775



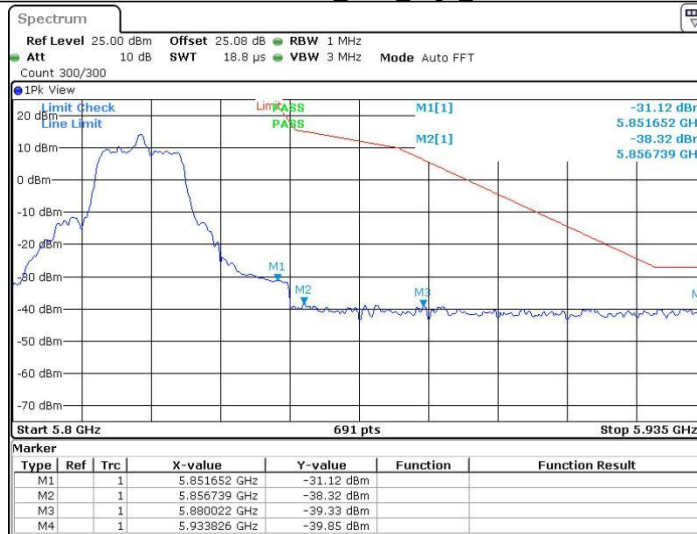
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11AX20SISO_Ant1_Low_5745



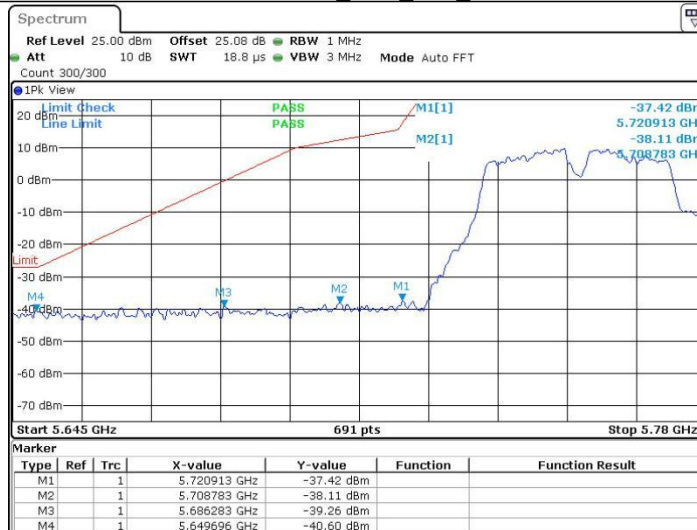
Date: 8 JUL 2024 16:48:23

11AX20SISO_Ant1_High_5825



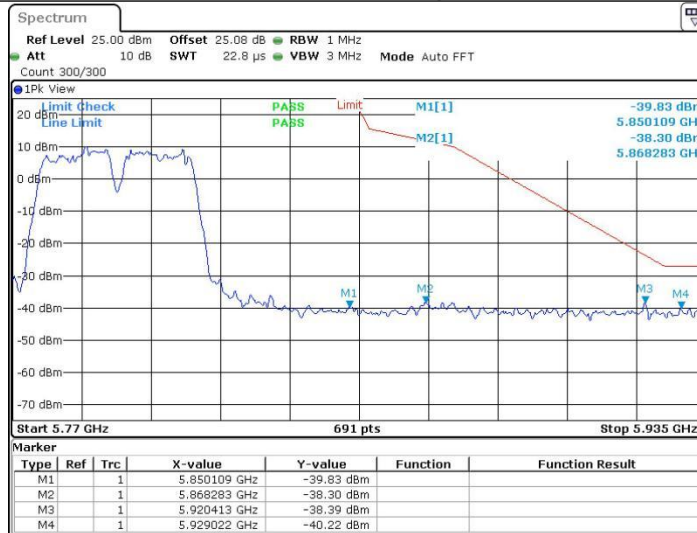
Date: 8 JUL 2024 16:49:39

11AX40SISO_Ant1_Low_5755



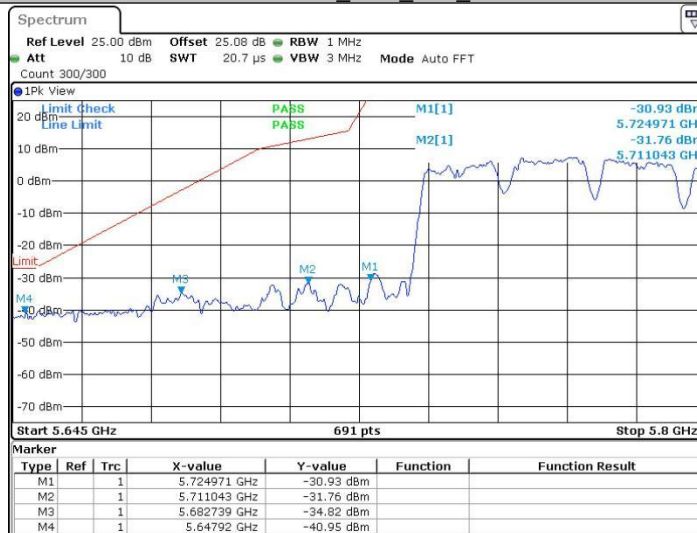
Date: 8 JUL 2024 16:51:29

11AX40SISO_Ant1_High_5795



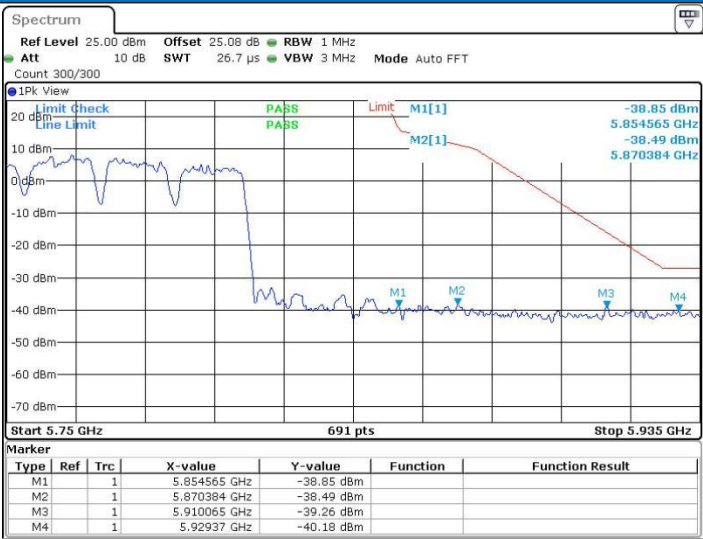
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11AX80SISO_Ant1_Low_5775



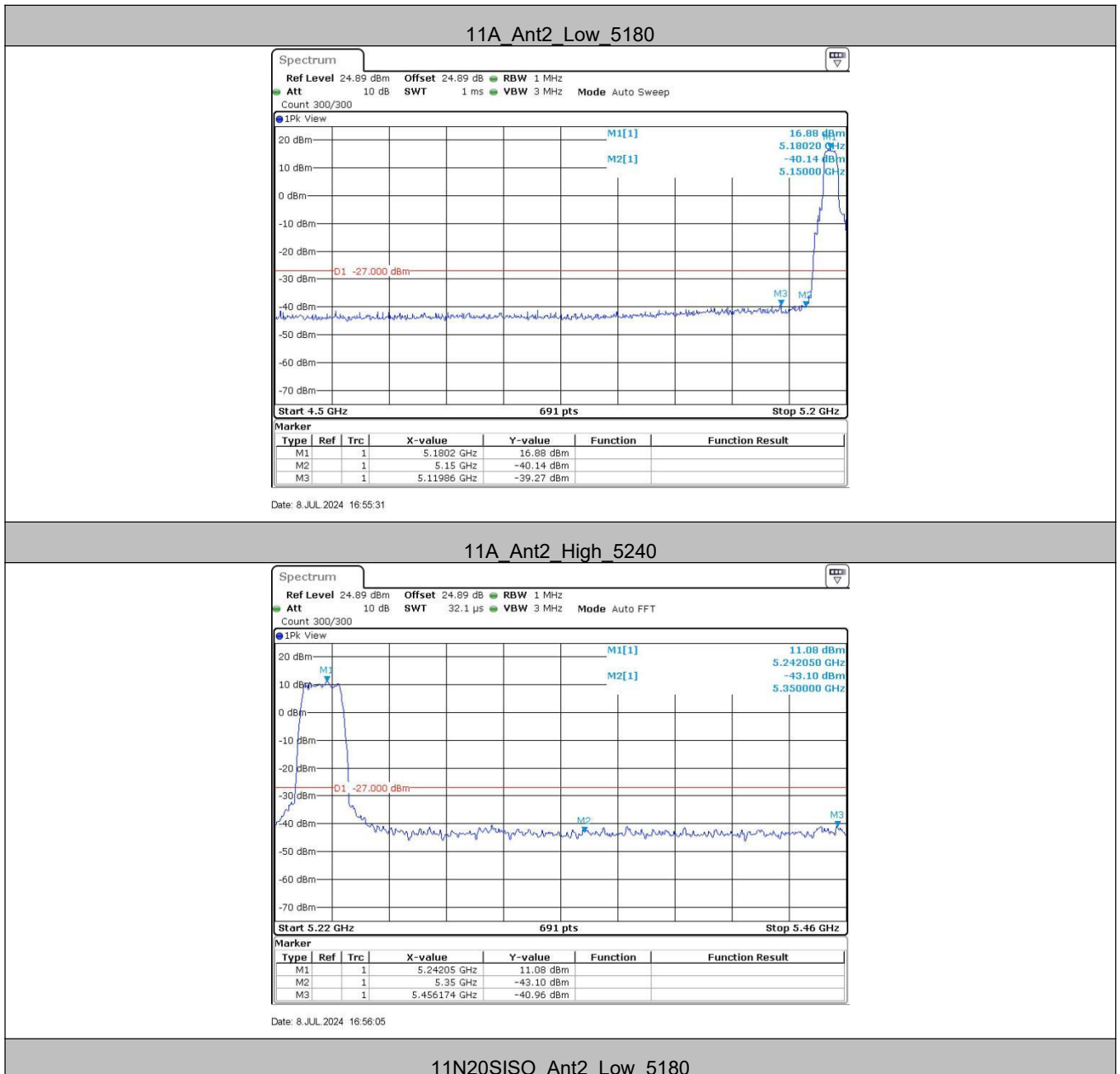
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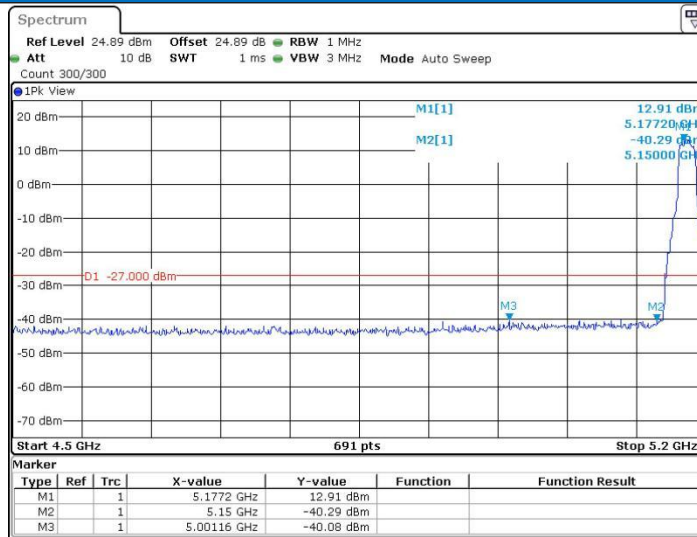
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Date: 8 JUL 2024 16:54:08

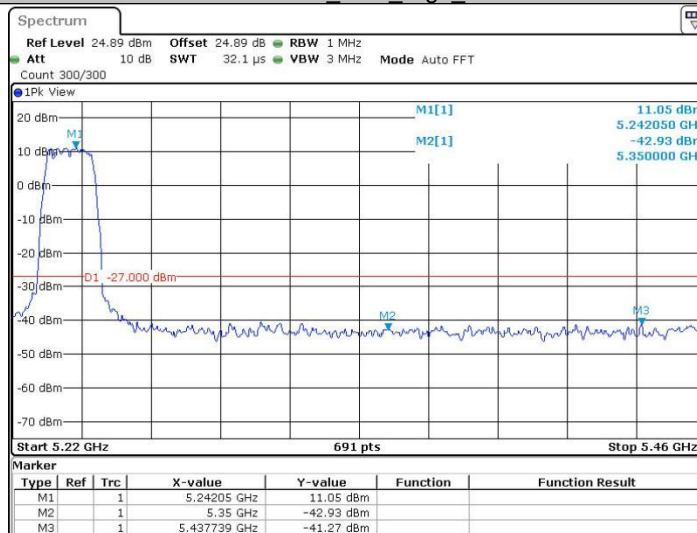
7.1.7 Test Graphs B1/2/3





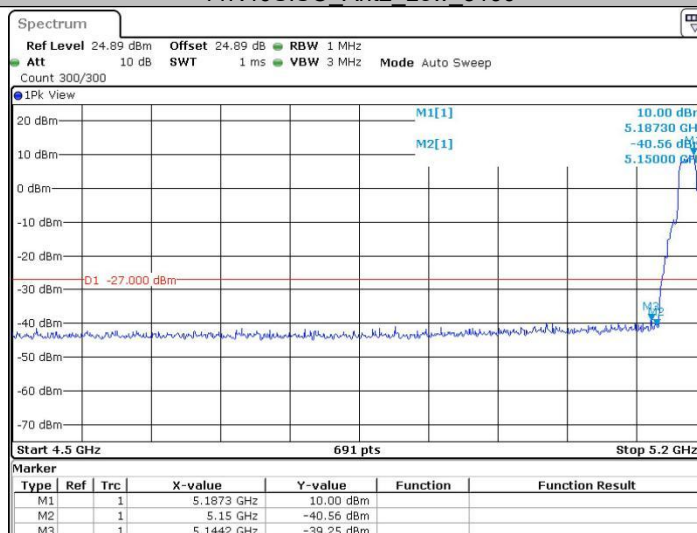
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11N20SISO_Ant2_High_5240



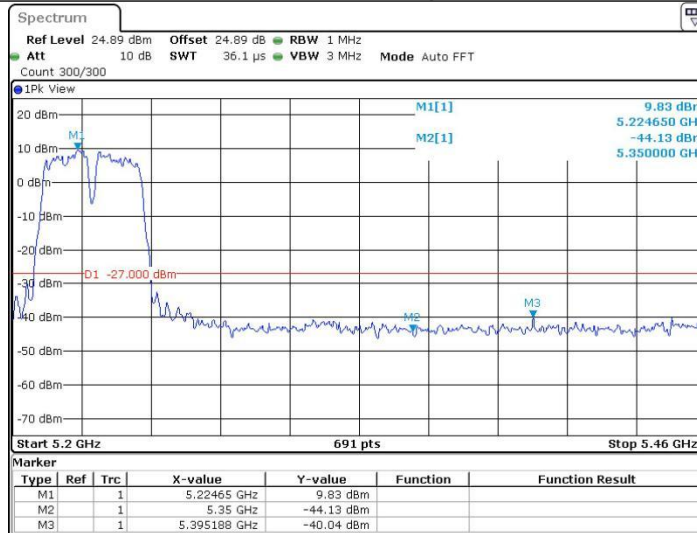
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11N40SISO_Ant2_Low_5190



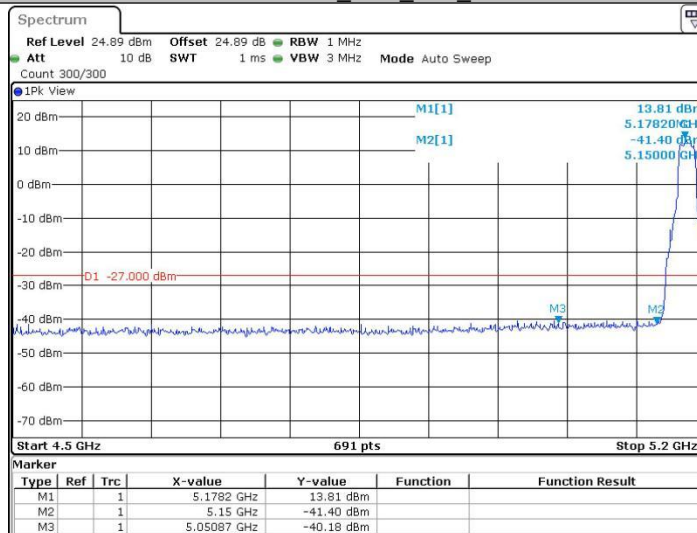
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11N40SISO_Ant2_High_5230



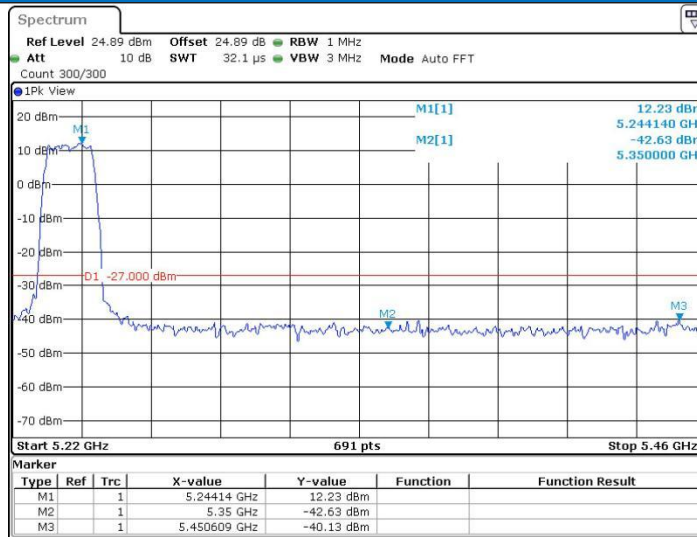
Date: 8 JUL 2024 17:00:19

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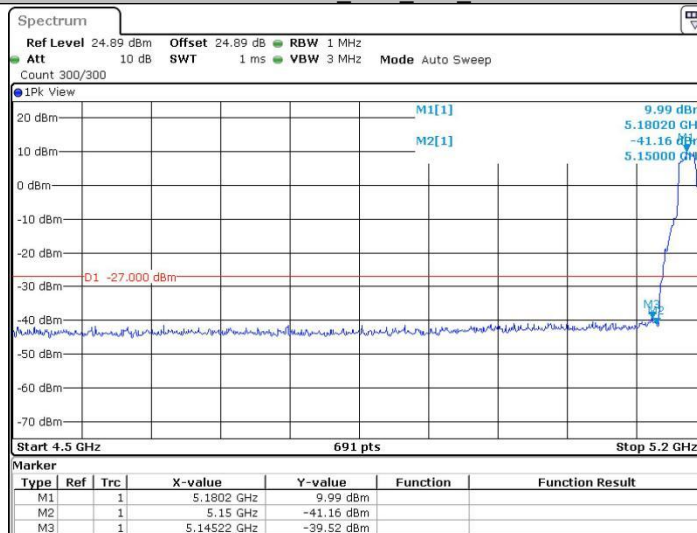
Date: 8 JUL 2024 17:02:06

11AC20SISO_Ant2_High_5240



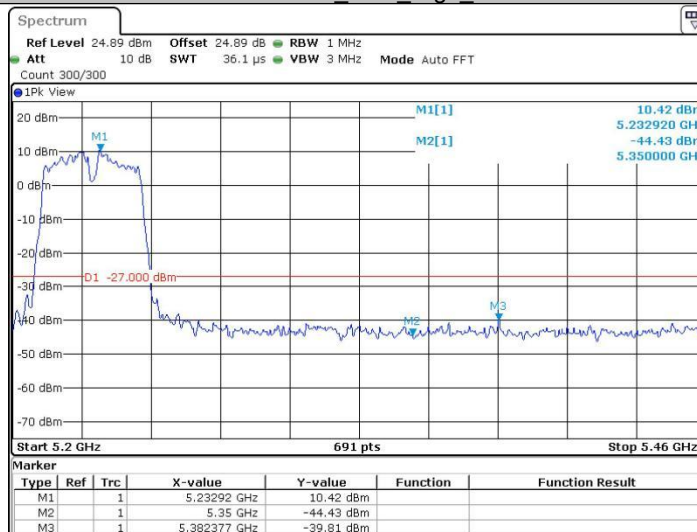
Date: 8 JUL 2024 17:02:33

11AC40SISO_Ant2_Low_5190



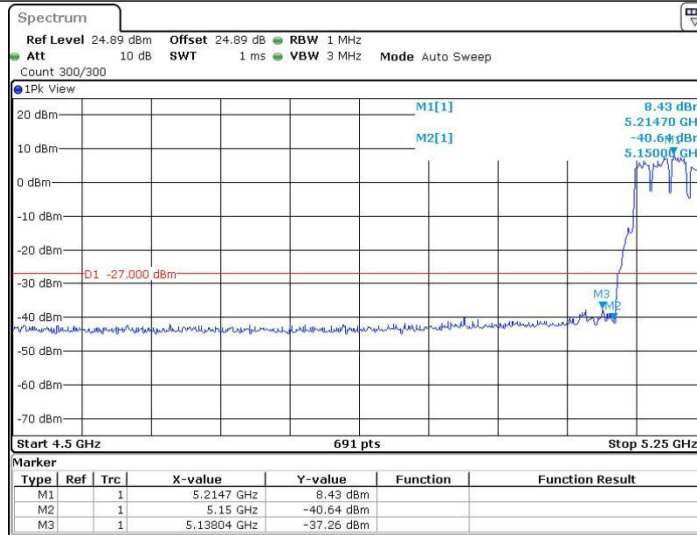
Date: 8 JUL 2024 17:04:09

11AC40SISO_Ant2_High_5230



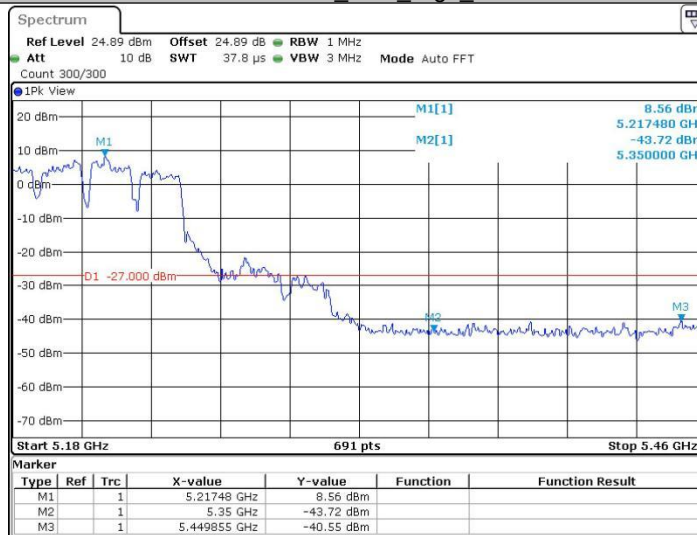
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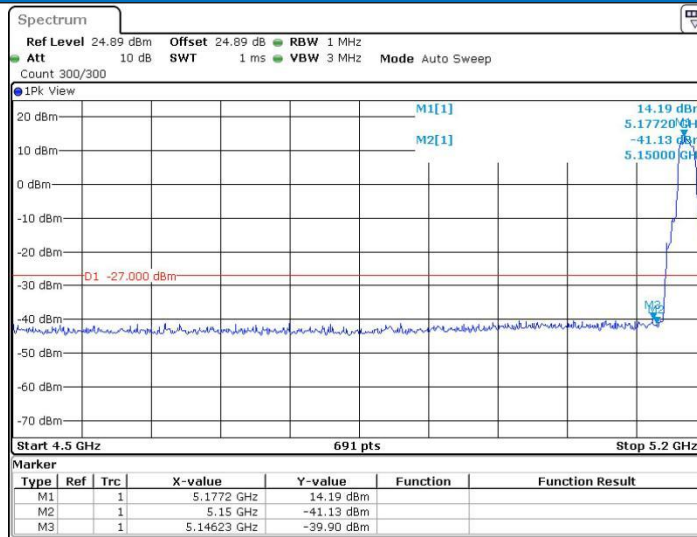
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11AC80SISO_Ant2_High_5210



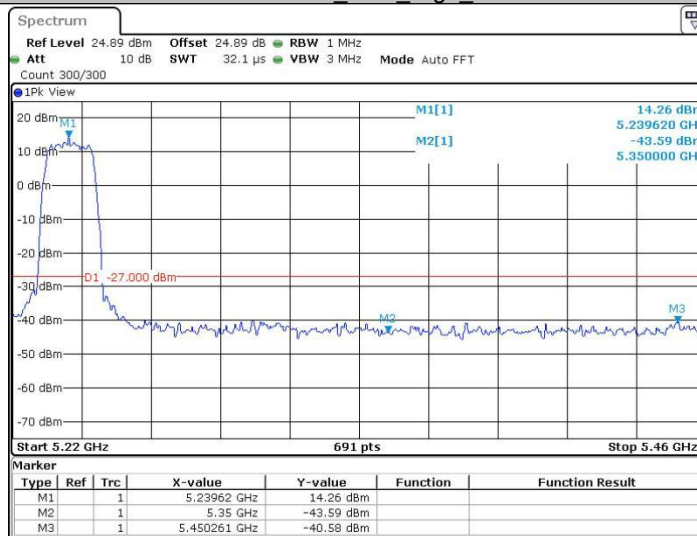
Date: 8 JUL 2024 17:06:31

11AX20SISO_Ant2_Low_5180



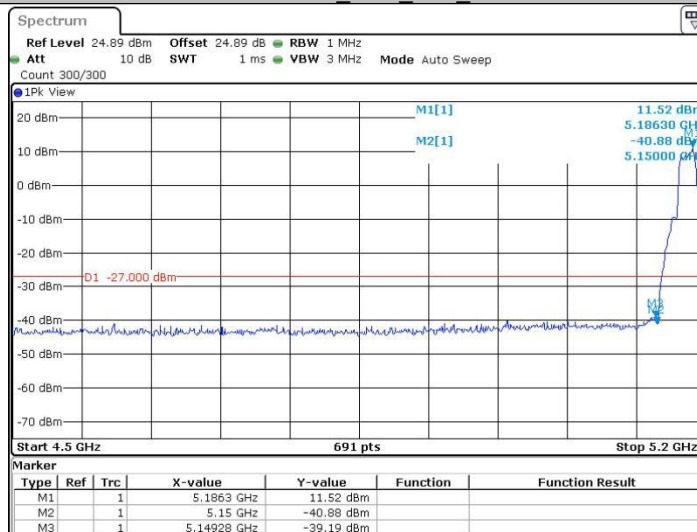
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11AX20SISO_Ant2_High_5240



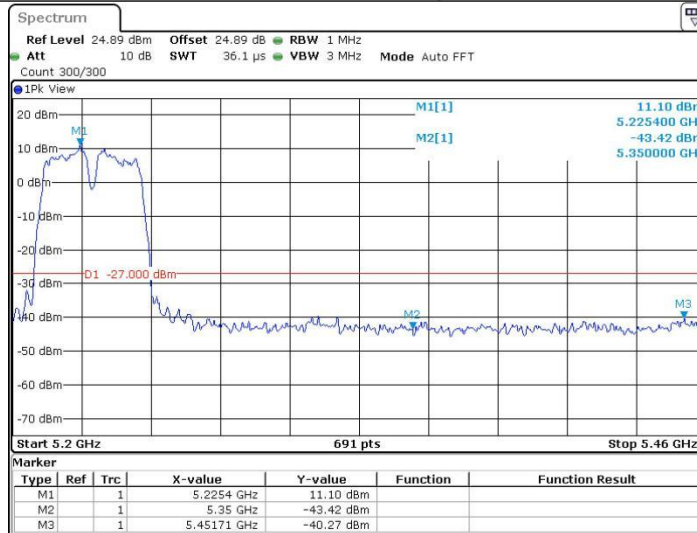
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11AX40SISO_Ant2_Low_5190



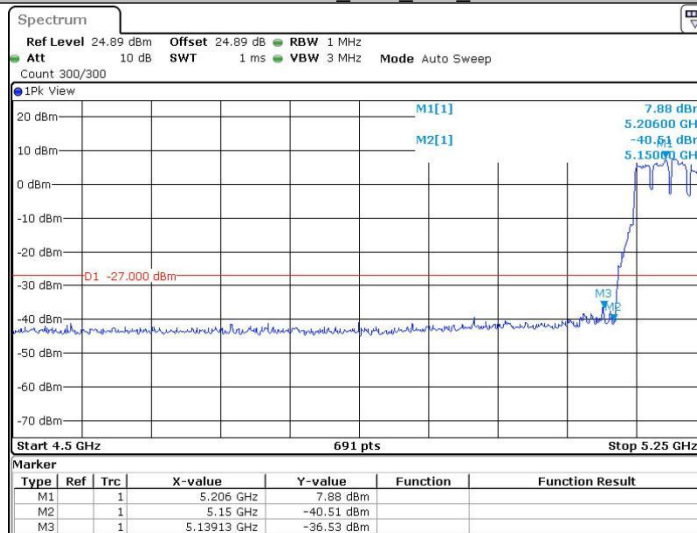
Date: 8 JUL 2024 17:11:23

11AX40SISO_Ant2_High_5230



Date: 8 JUL 2024 17:11:54

11AX80SISO_Ant2_Low_5210



Date: 8 JUL 2024 17:17:11

11AX80SISO_Ant2_High_5210