

RF Test Data for 5G Wi-Fi (Conducted Measurements)

General Description of EUT	
Product Name:	NVR
Test Model:	TZ-NVR10VP
Sample ID:	HC-C-202407-0307-01-01-2#
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 12V
Test Engineer:	Jolin Lee
Note: For a more detailed features description, please refer to the report TBR-C-202407-0307-21	

Contents

1. Emission Bandwidth.....	3
1.1. Test Result.....	3
2.1. Test Graphs	4
2. Occupied channel bandwidth	10
2.1. Test Result.....	10
2.2. Test Graphs	11
3. Min emission bandwidth	23
3.1. Test Result.....	23
3.2. Test Graphs	24
4. Maximum conducted output power.....	30
4.1. Test Result.....	30
5. Maximum power spectral density	31
5.1. Test Result.....	31
5.2. Test Graphs	32
6. Band edge measurements	44
6.1. Test Result.....	44
6.2. Test Graphs	46
7. Emissions in Restricted Bands.....	56
7.1. Test Result.....	56
7.2. Test Graphs	60
8. Conducted Spurious Emission.....	74
8.1. Test Result.....	74
8.2. Test Graphs	76
9. Frequency Stability	100
9.1. Test Result.....	100
10. Duty Cycle	103
10.1. Test Result.....	103
10.2. Test Graphs	104

1. Emission Bandwidth

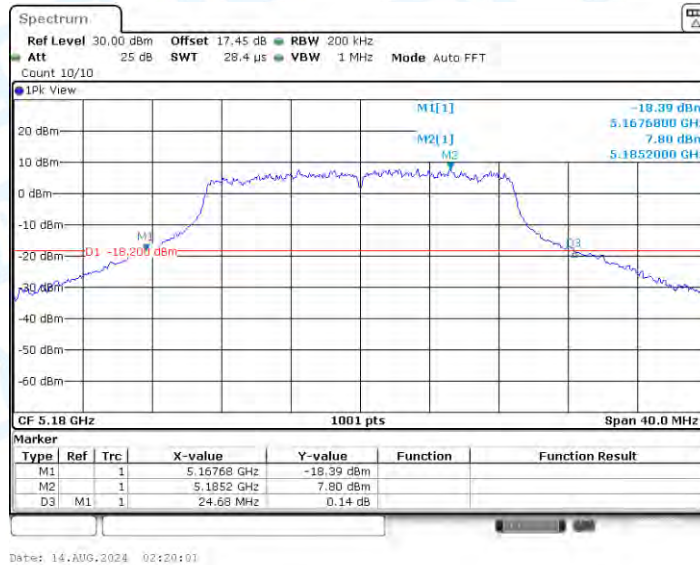
1.1. Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.36	5168.40	5192.76	---	---
		5200	22.96	5188.60	5211.56	---	---
		5240	23.36	5228.12	5251.48	---	---
11N20SISO	Ant1	5180	24.68	5167.68	5192.36	---	---
		5200	25.96	5187.28	5213.24	---	---
		5240	25.64	5227.36	5253.00	---	---
11N40SISO	Ant1	5190	47.28	5167.76	5215.04	---	---
		5230	45.28	5207.12	5252.40	---	---
11AC20SISO	Ant1	5180	25.04	5168.00	5193.04	---	---
		5200	24.32	5187.40	5211.72	---	---
		5240	25.44	5227.68	5253.12	---	---
11AC40SISO	Ant1	5190	46.08	5167.36	5213.44	---	---
		5230	46.32	5206.80	5253.12	---	---
11AX20SISO	Ant1	5180	26.32	5167.36	5193.68	---	---
		5200	25.08	5188.56	5213.64	---	---
		5240	23.36	5228.60	5251.96	---	---
11AX40SISO	Ant1	5190	43.20	5168.88	5212.08	---	---
		5230	45.76	5207.76	5253.52	---	---

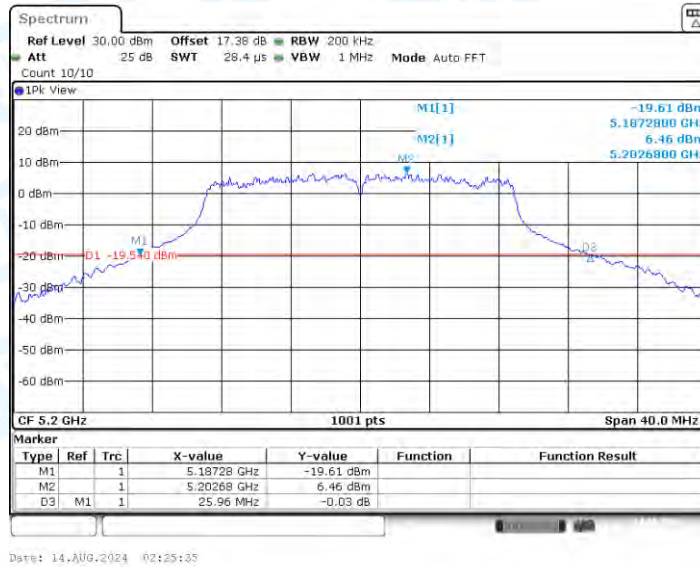
2.1. Test Graphs



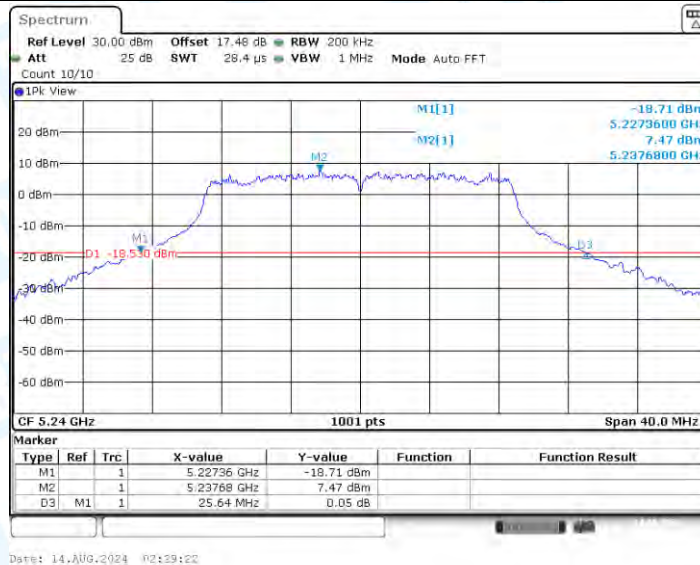
11A_Ant1_5240



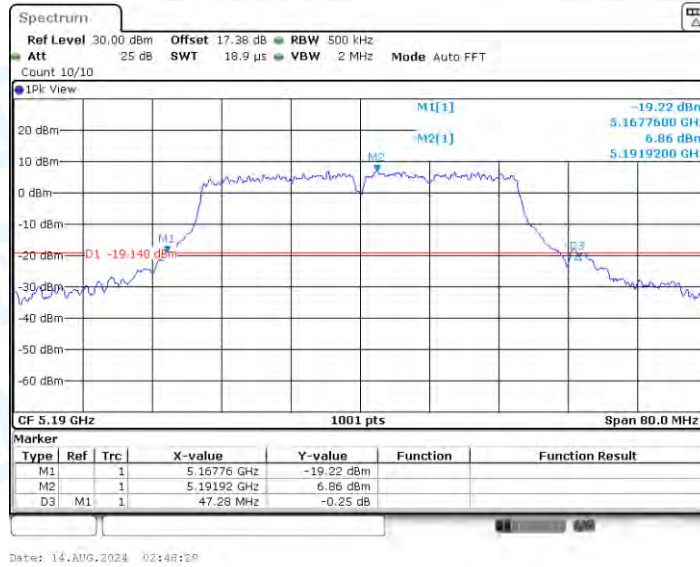
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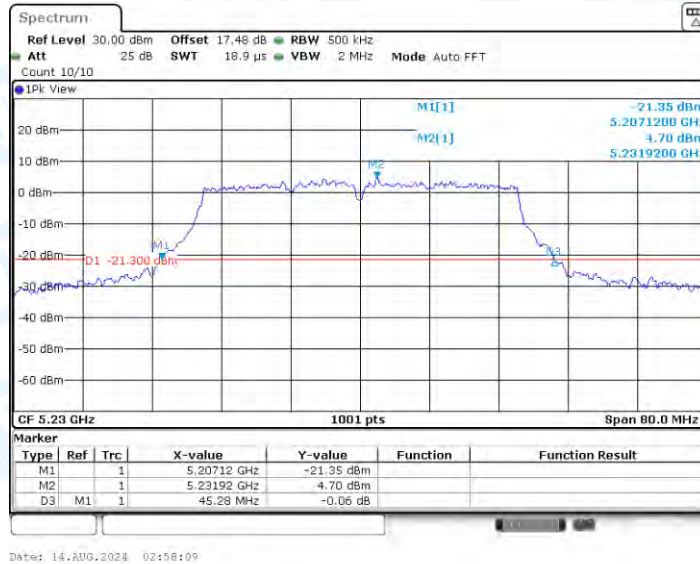
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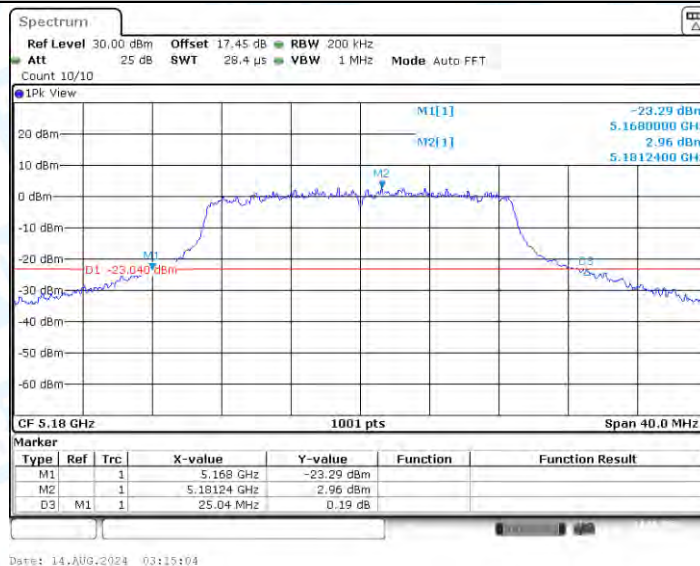
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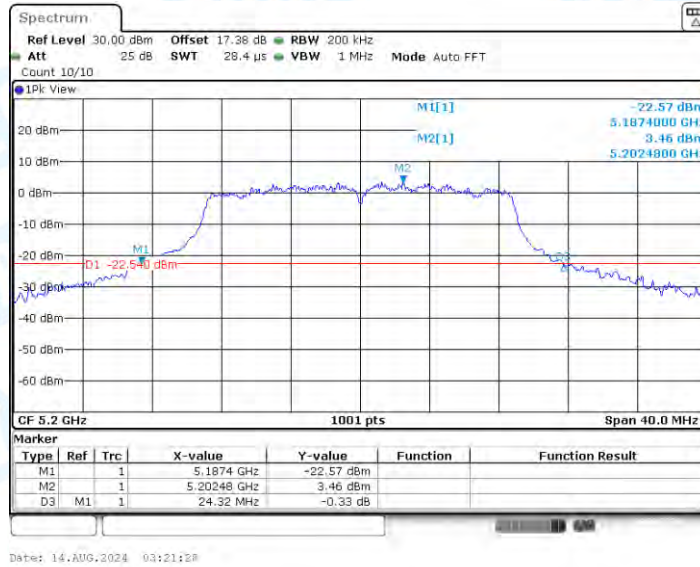
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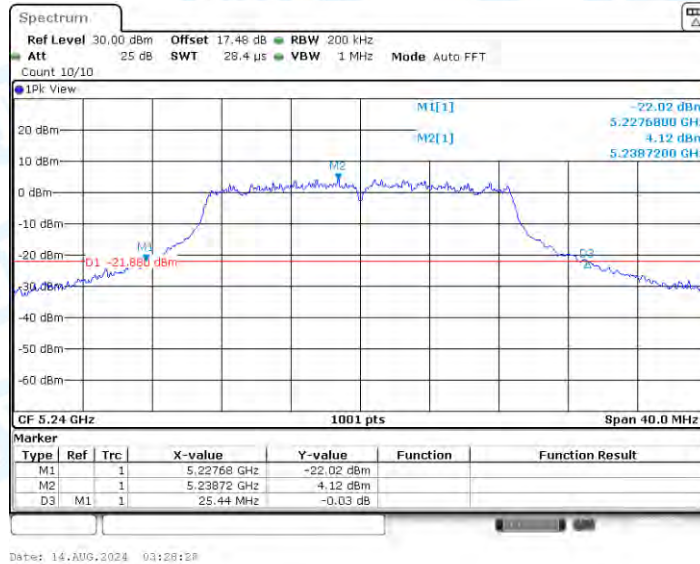
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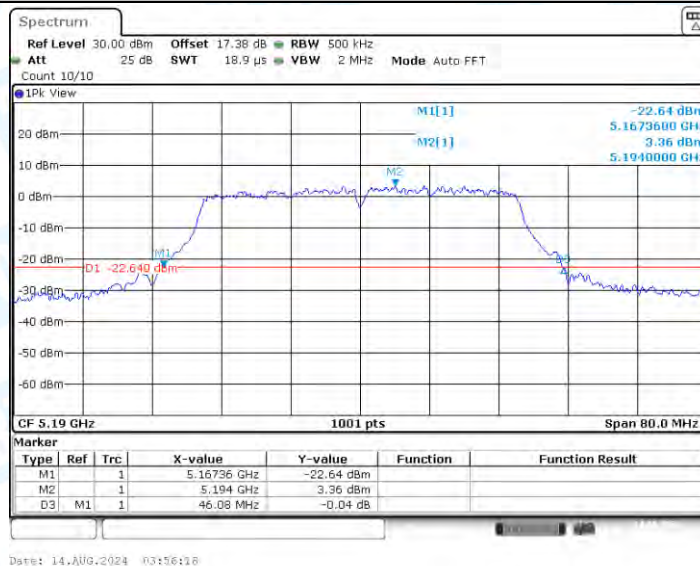
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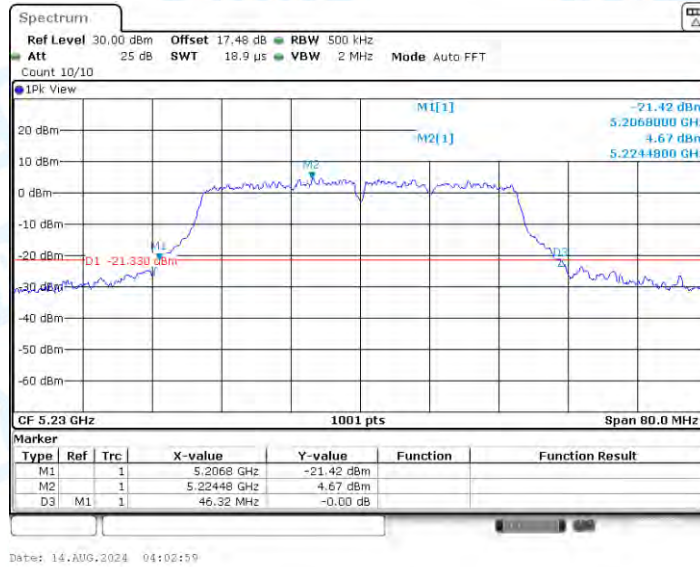
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11AC20SISO_Ant1_5240



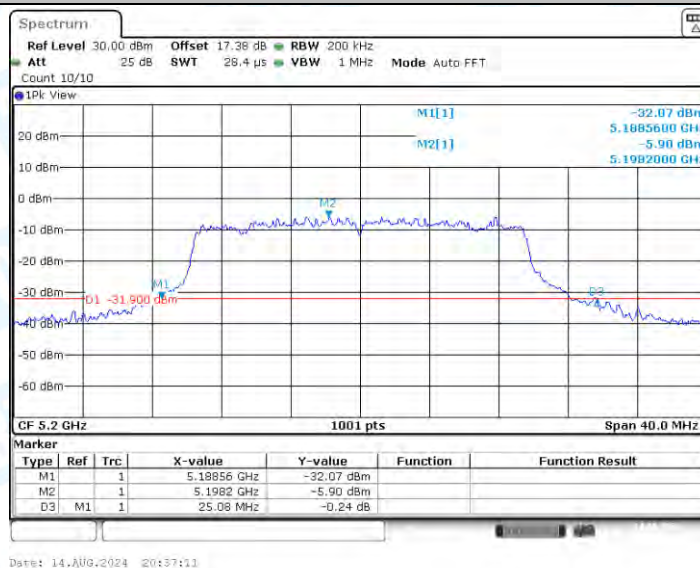
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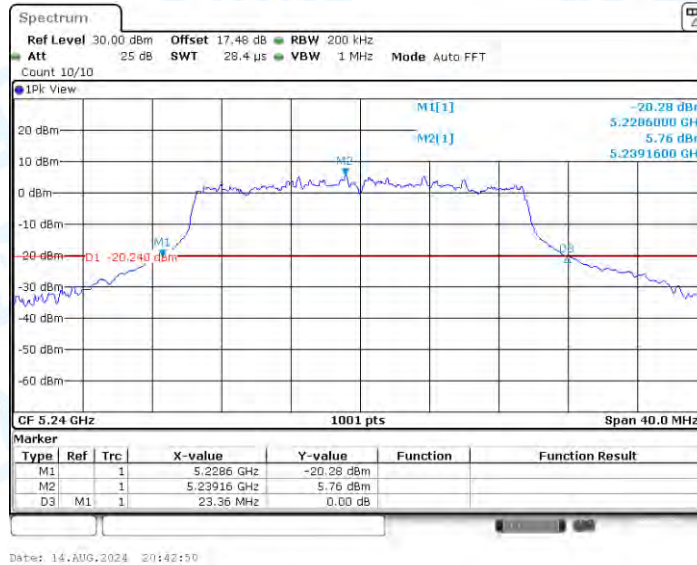
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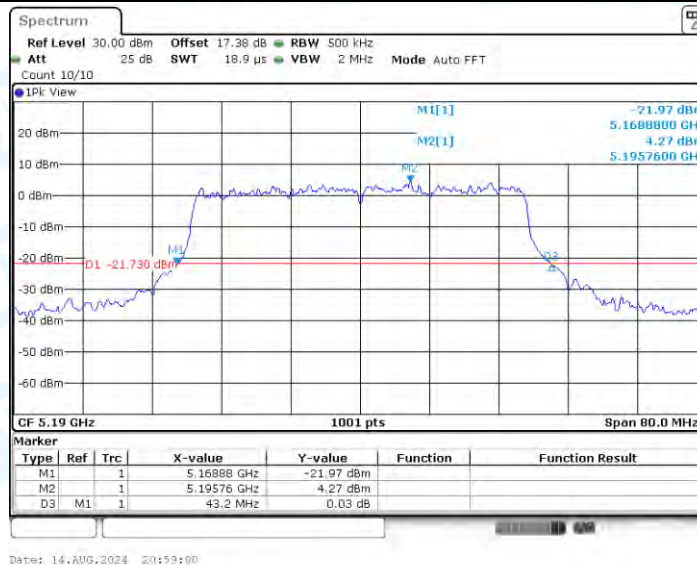
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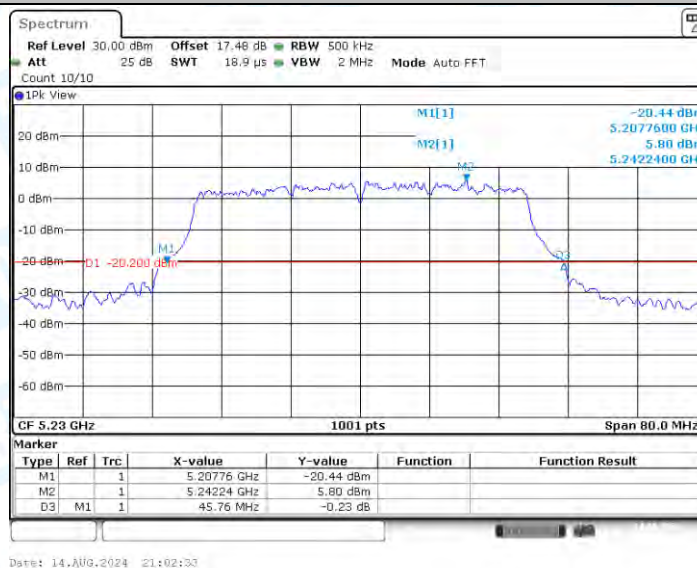
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

2. Occupied channel bandwidth

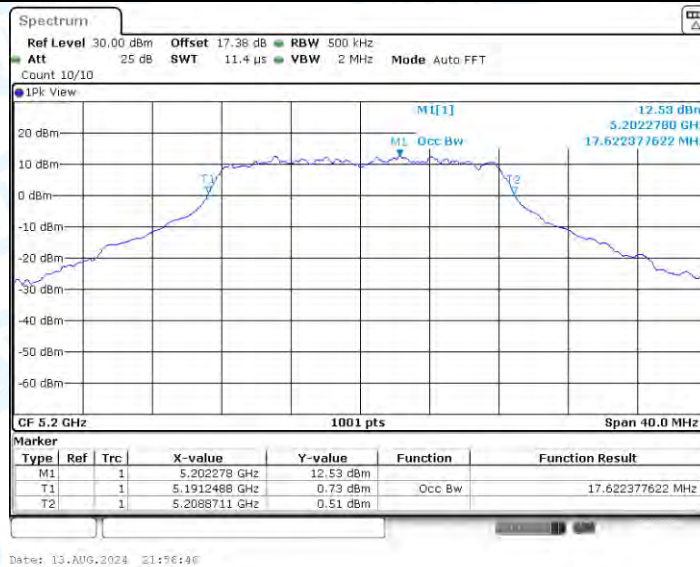
2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.902	5171.1688	5189.0709	---	---
		5200	17.622	5191.2488	5208.8711	---	---
		5240	18.262	5231.1289	5249.3906	---	---
		5745	17.423	5736.2887	5753.7113	---	---
		5785	17.742	5775.9291	5793.6713	---	---
		5825	18.182	5815.9291	5834.1109	---	---
11N20SISO	Ant1	5180	18.661	5170.7293	5189.3906	---	---
		5200	19.061	5190.5295	5209.5904	---	---
		5240	19.66	5230.2897	5249.9500	---	---
		5745	18.941	5735.5295	5754.4705	---	---
		5785	19.301	5775.3297	5794.6304	---	---
		5825	19.221	5815.3297	5834.5504	---	---
11N40SISO	Ant1	5190	36.843	5171.6983	5208.5415	---	---
		5230	36.923	5211.6184	5248.5415	---	---
		5755	36.923	5736.4585	5773.3816	---	---
		5795	37.562	5776.0589	5813.6214	---	---
11AC20SISO	Ant1	5180	19.5	5170.6494	5190.1499	---	---
		5200	19.101	5190.5295	5209.6304	---	---
		5240	19.9	5229.9700	5249.8701	---	---
		5745	20.34	5734.4106	5754.7502	---	---
		5785	19.421	5775.3696	5794.7902	---	---
		5825	19.66	5815.4496	5835.1099	---	---
11AC40SISO	Ant1	5190	36.763	5171.7782	5208.5415	---	---
		5230	36.603	5211.6983	5248.3017	---	---
		5755	37.642	5735.8991	5773.5415	---	---
		5795	37.483	5776.3786	5813.8611	---	---
11AX20SISO	Ant1	5180	19.74	5170.1299	5189.8701	---	---
		5200	19.421	5190.2897	5209.7103	---	---
		5240	19.461	5230.2897	5249.7502	---	---
		5745	19.9	5735.0899	5754.9900	---	---
		5785	19.381	5775.3297	5794.7103	---	---
		5825	20.02	5814.6104	5834.6304	---	---
11AX40SISO	Ant1	5190	38.442	5170.9790	5209.4206	---	---
		5230	38.202	5210.8991	5249.1009	---	---
		5755	38.442	5735.6593	5774.1009	---	---
		5795	38.362	5775.7393	5814.1009	---	---

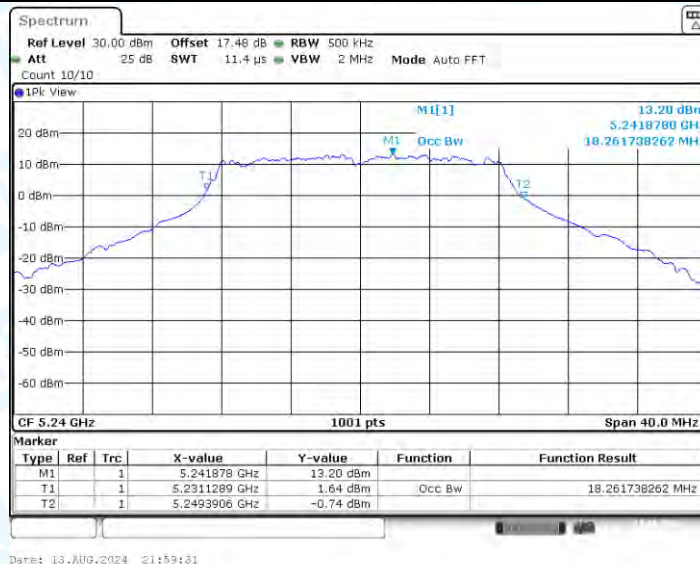
2.2. Test Graphs



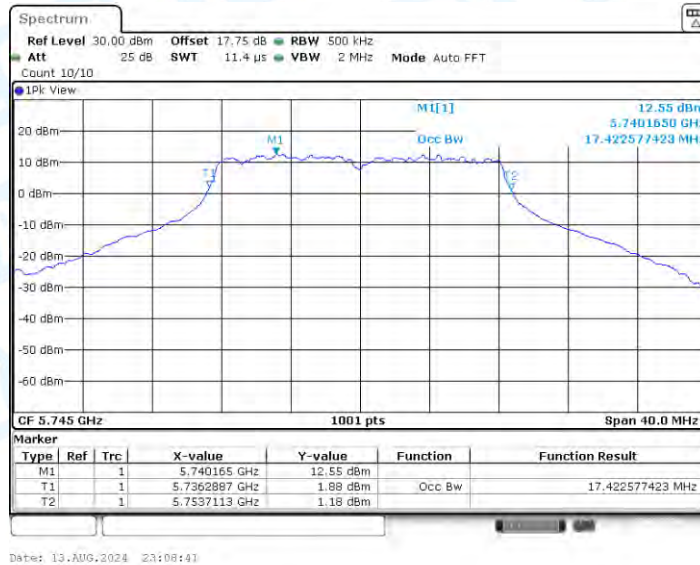
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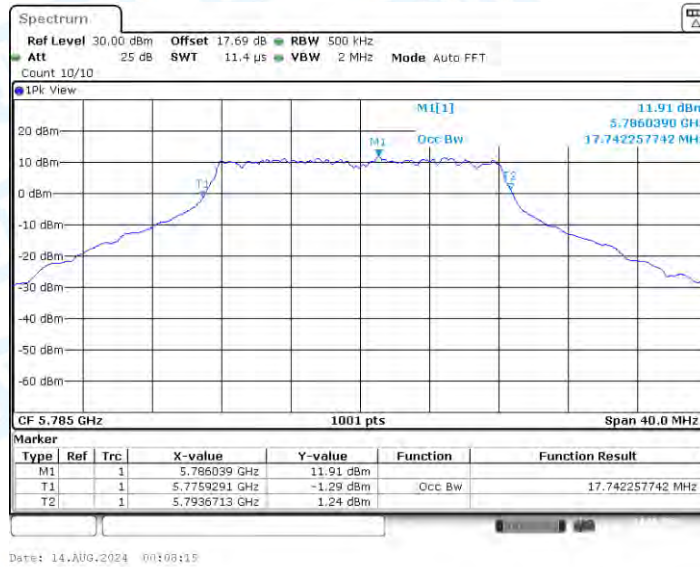
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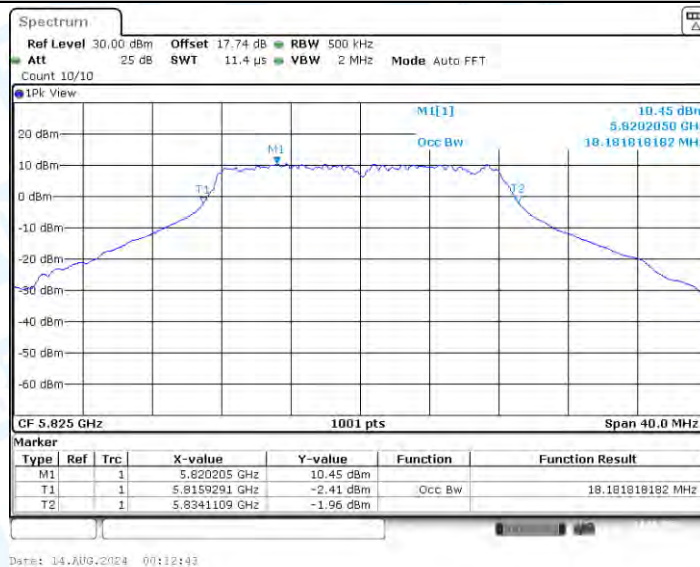
11A_Ant1_5240



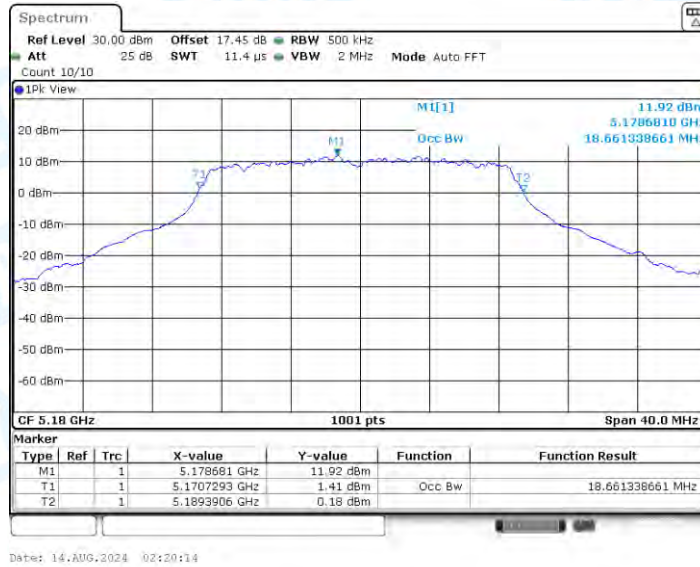
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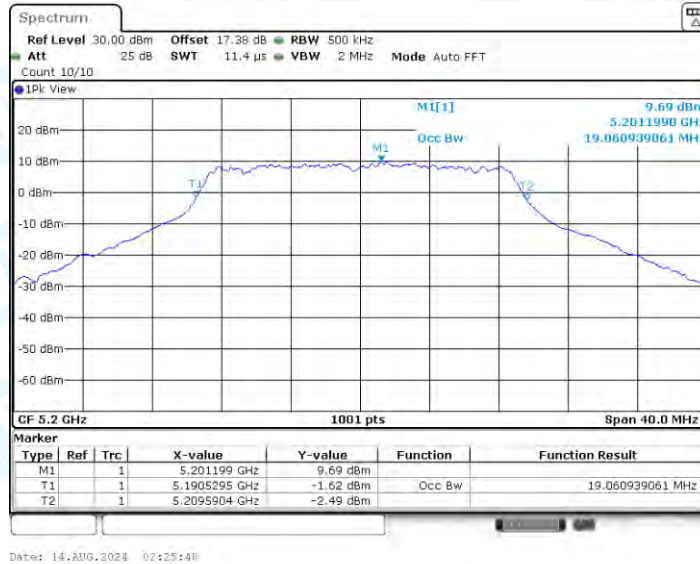
11A_Ant1_5785



11A_Ant1_5825



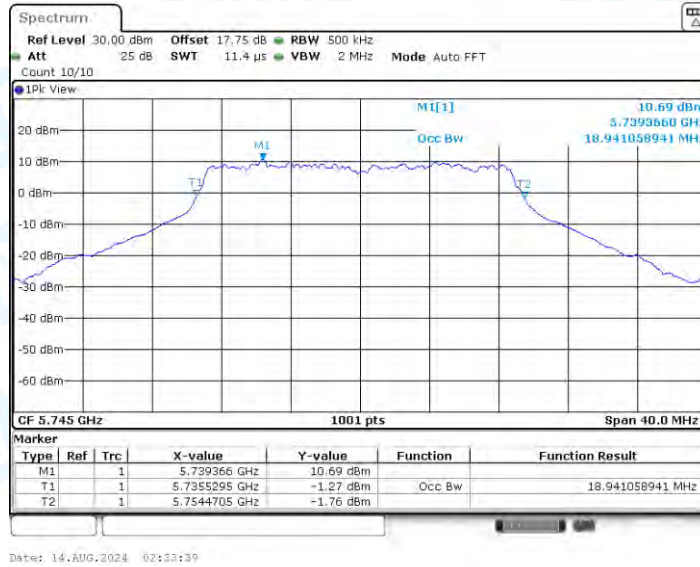
11N20SISO_Ant1_5180



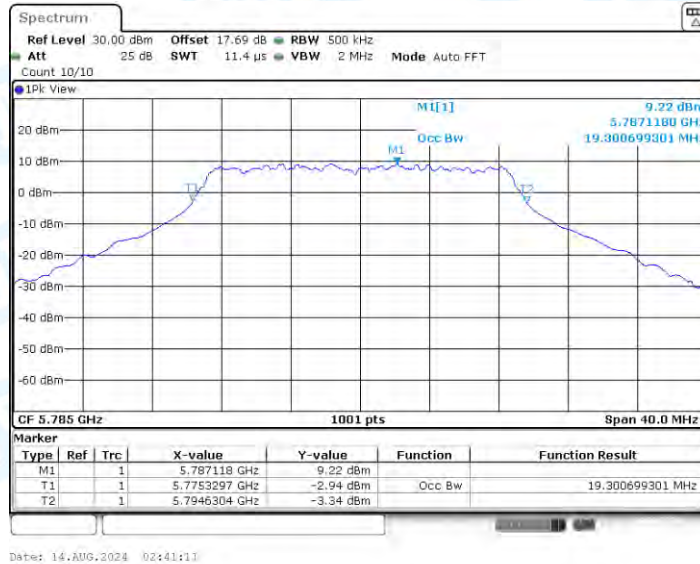
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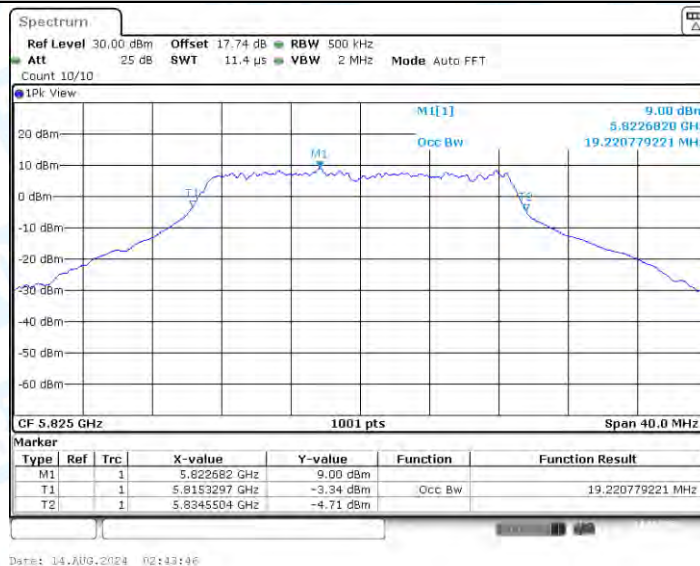
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11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



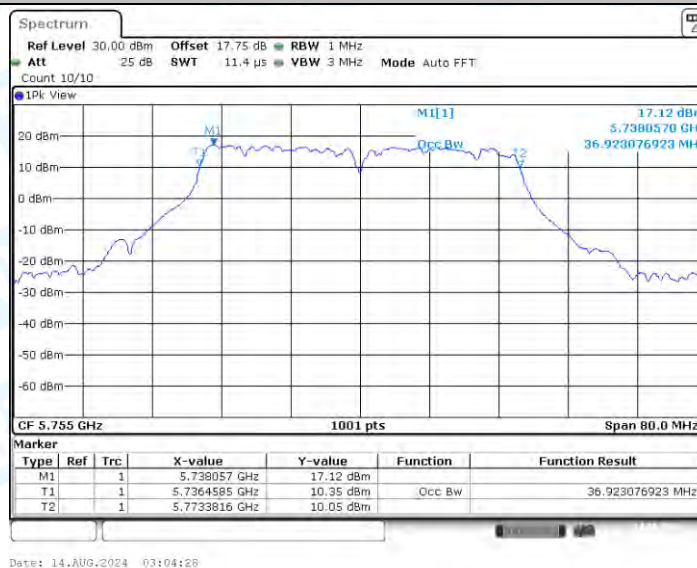
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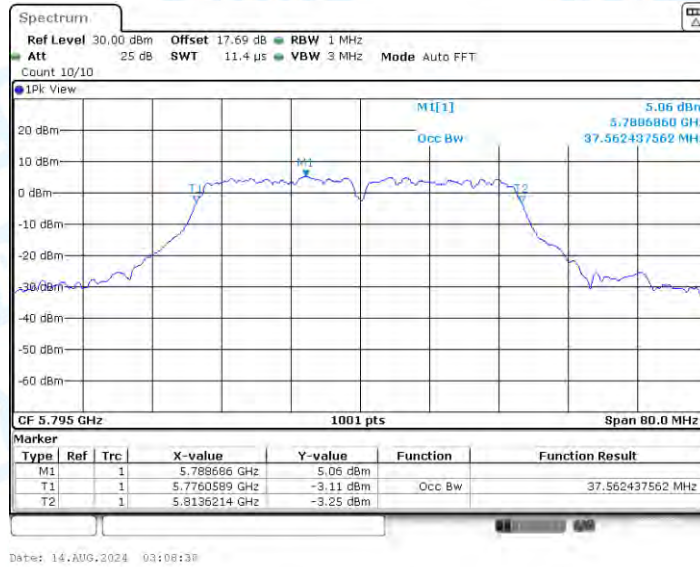
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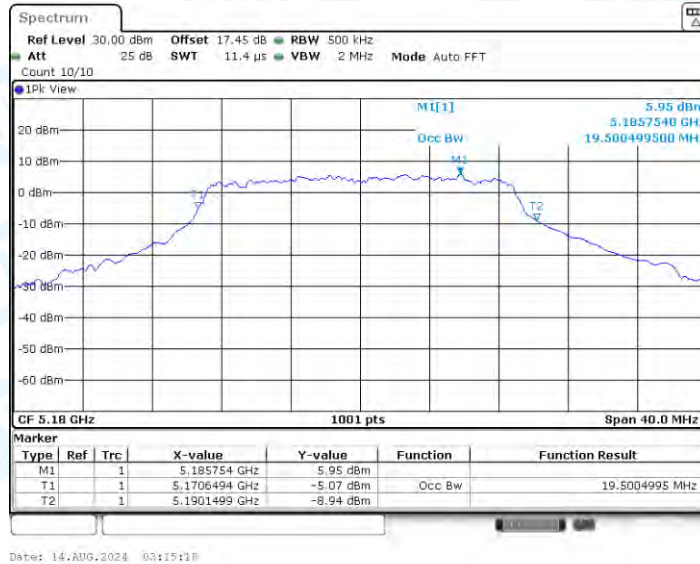
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



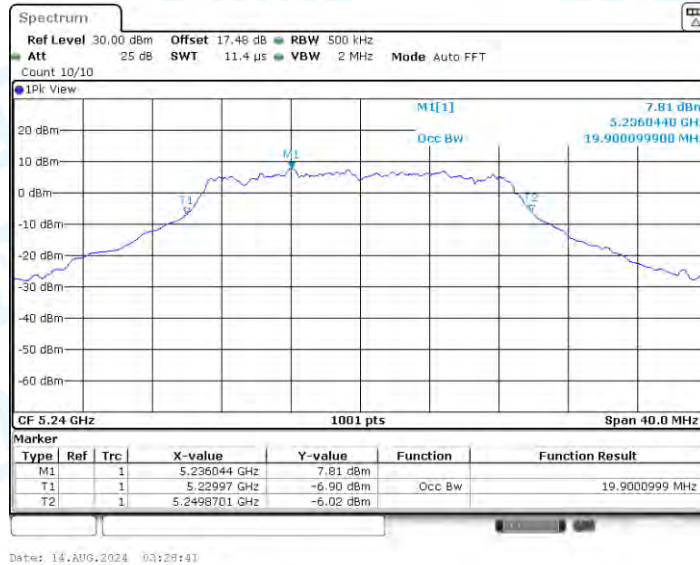
11N40SISO_Ant1_5795



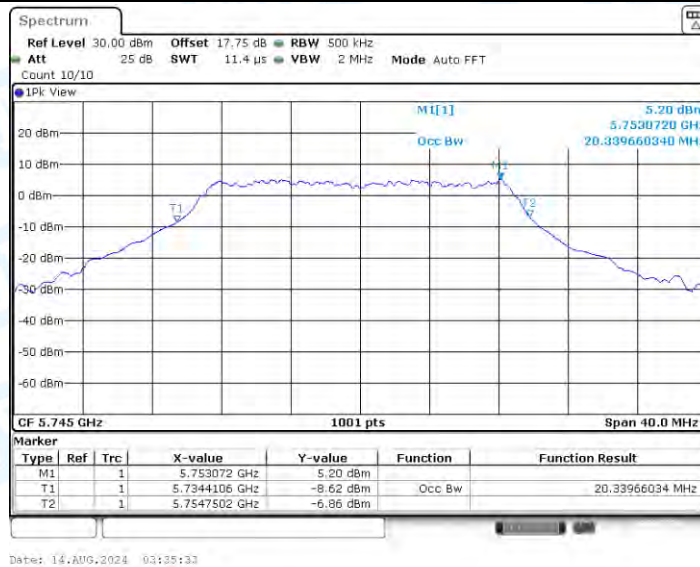
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



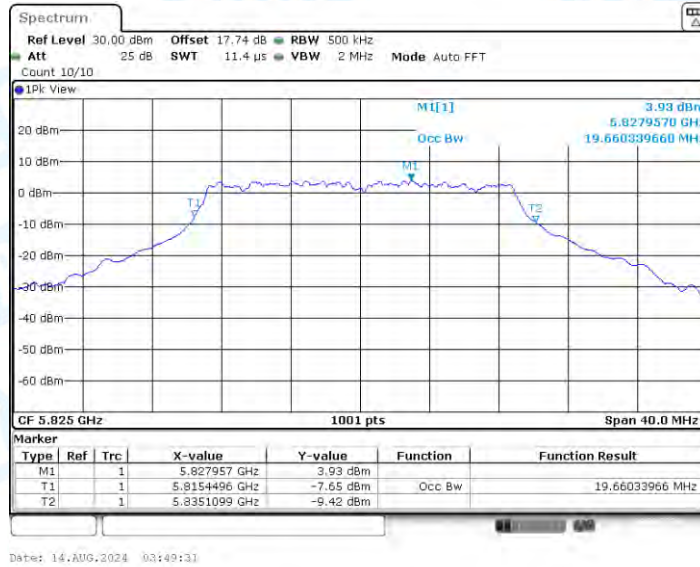
11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



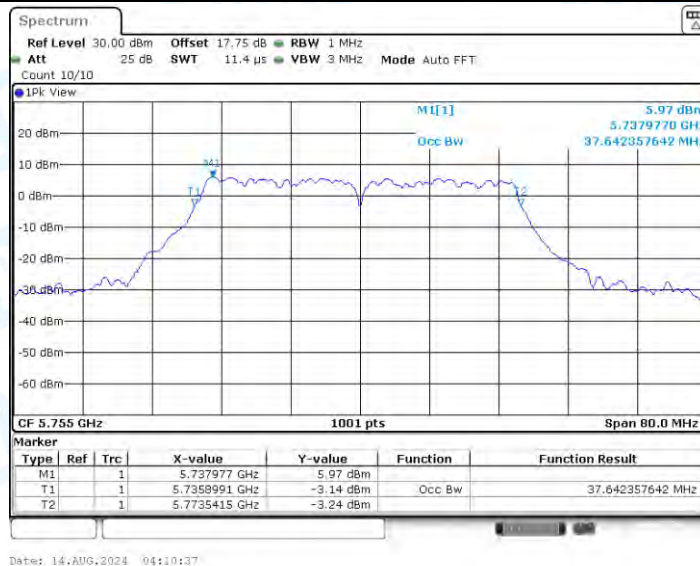
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



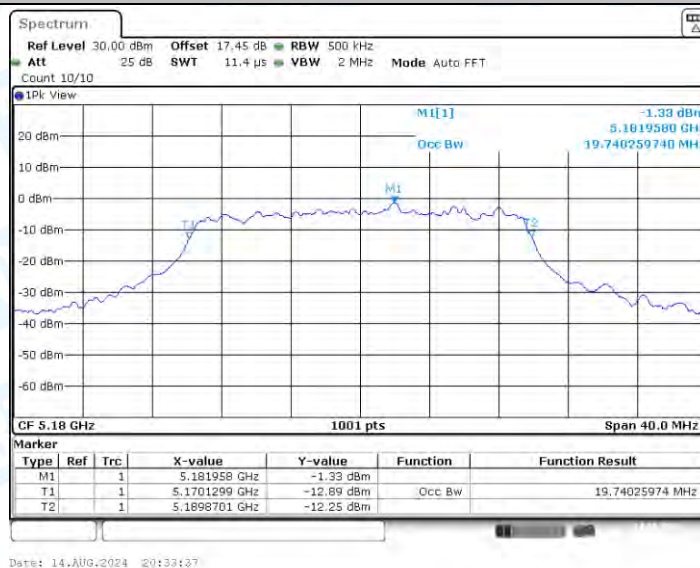
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5180



Date: 14.AUG.2024 20:37:24

11AX20SISO_Ant1_5200



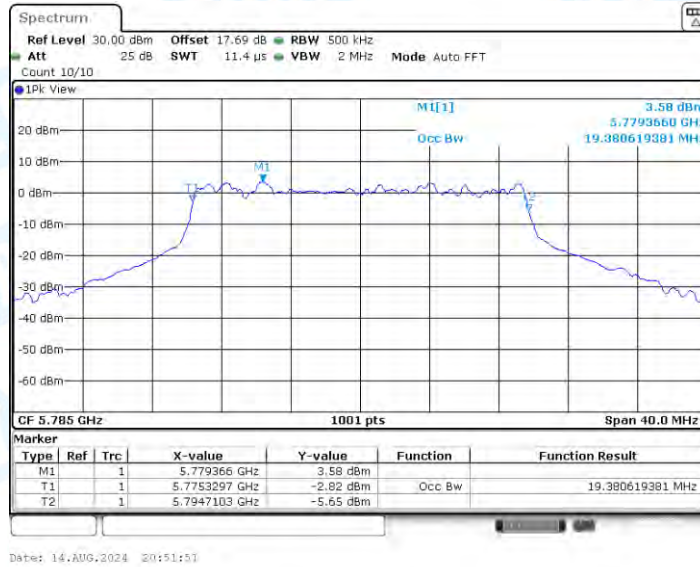
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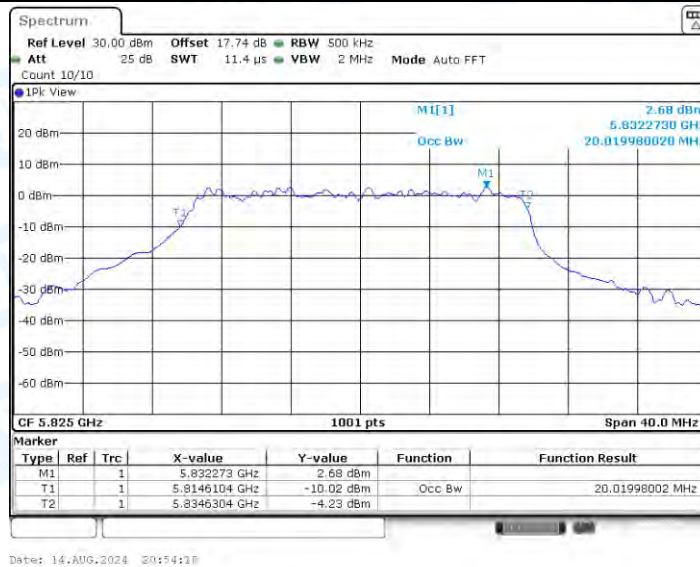


Date: 14.AUG.2024 20:46:36

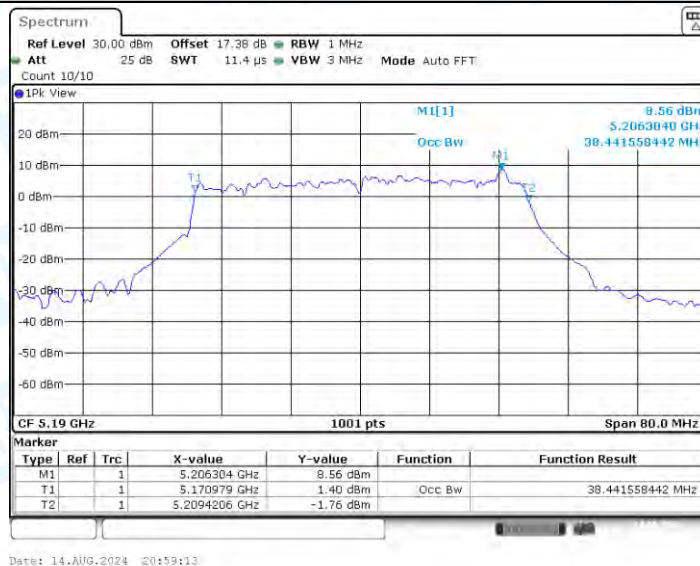
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



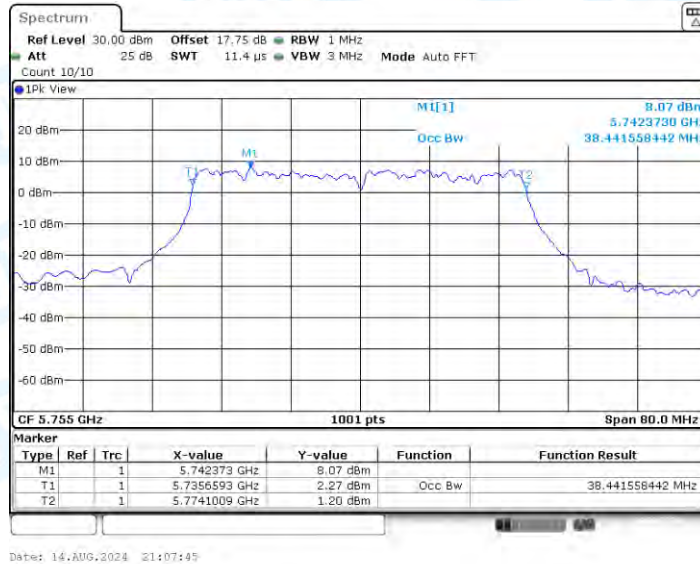
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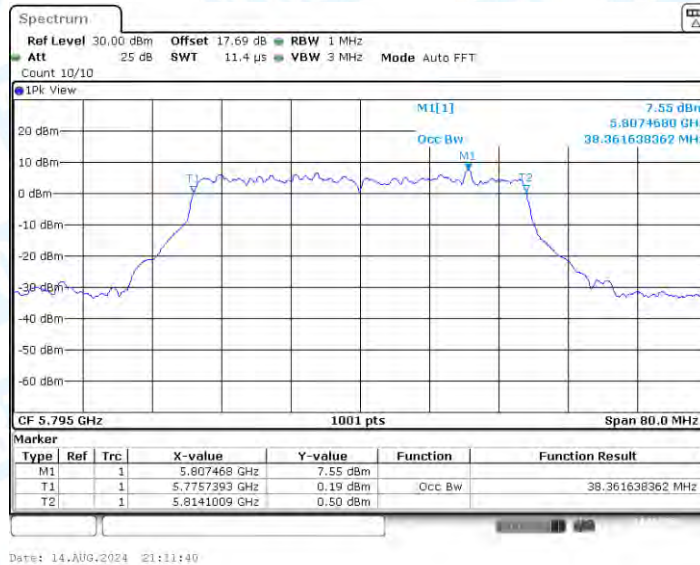
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11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



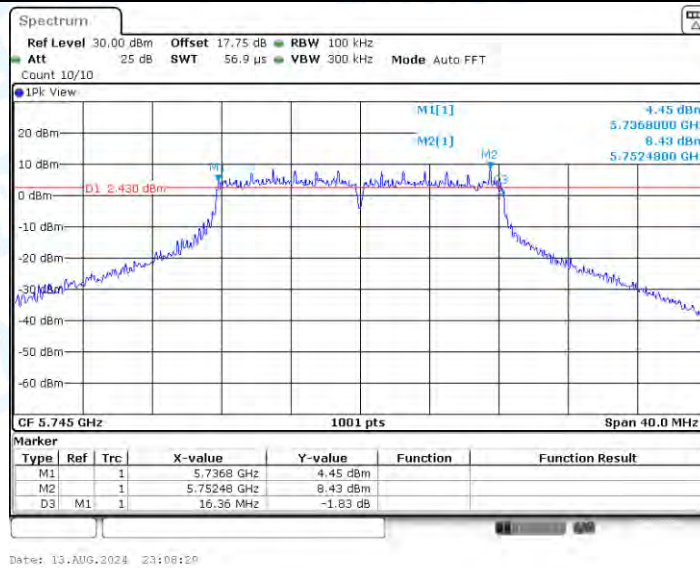
11AX40SISO_Ant1_5795

3. Min emission bandwidth

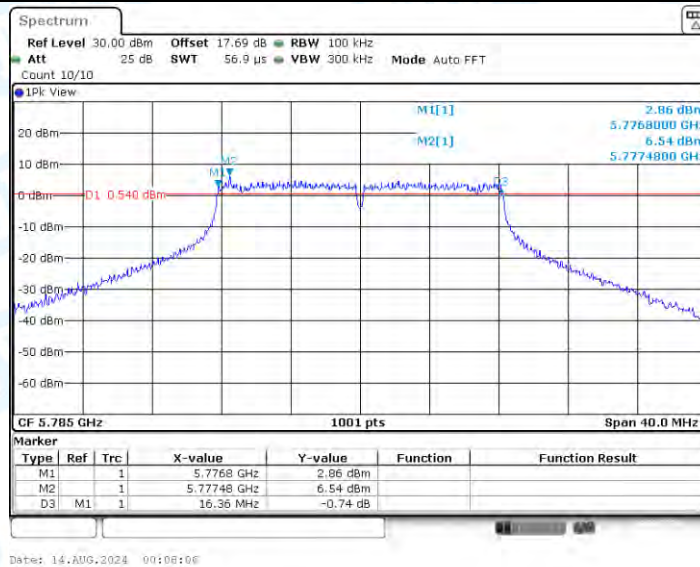
3.1. Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.36	5736.80	5753.16	0.5	PASS
		5785	16.36	5776.80	5793.16	0.5	PASS
		5825	16.32	5816.80	5833.12	0.5	PASS
11N20SISO	Ant1	5745	17.60	5736.16	5753.76	0.5	PASS
		5785	17.60	5776.16	5793.76	0.5	PASS
		5825	17.80	5816.08	5833.88	0.5	PASS
11N40SISO	Ant1	5755	36.40	5736.76	5773.16	0.5	PASS
		5795	36.56	5776.68	5813.24	0.5	PASS
11AC20SISO	Ant1	5745	17.84	5736.04	5753.88	0.5	PASS
		5785	17.80	5776.08	5793.88	0.5	PASS
		5825	17.60	5816.16	5833.76	0.5	PASS
11AC40SISO	Ant1	5755	36.48	5736.68	5773.16	0.5	PASS
		5795	36.40	5776.76	5813.16	0.5	PASS
11AX20SISO	Ant1	5745	18.92	5735.48	5754.40	0.5	PASS
		5785	19.04	5775.44	5794.48	0.5	PASS
		5825	19.08	5815.44	5834.52	0.5	PASS
11AX40SISO	Ant1	5755	38.16	5735.88	5774.04	0.5	PASS
		5795	38.08	5775.88	5813.96	0.5	PASS

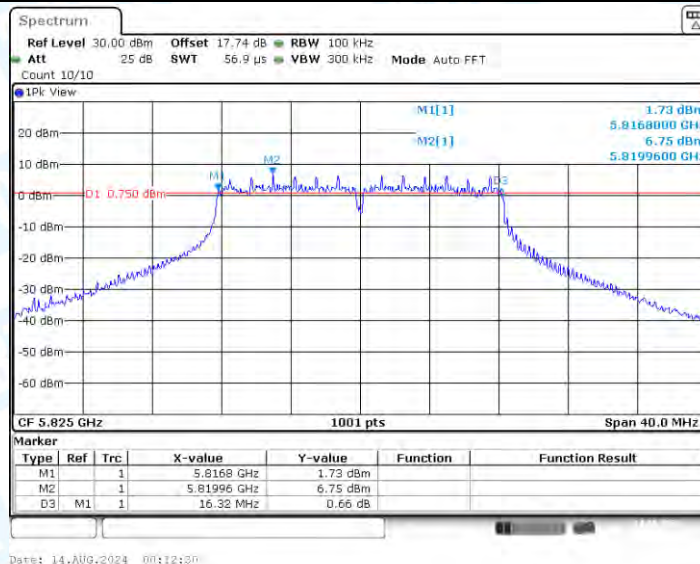
3.2. Test Graphs



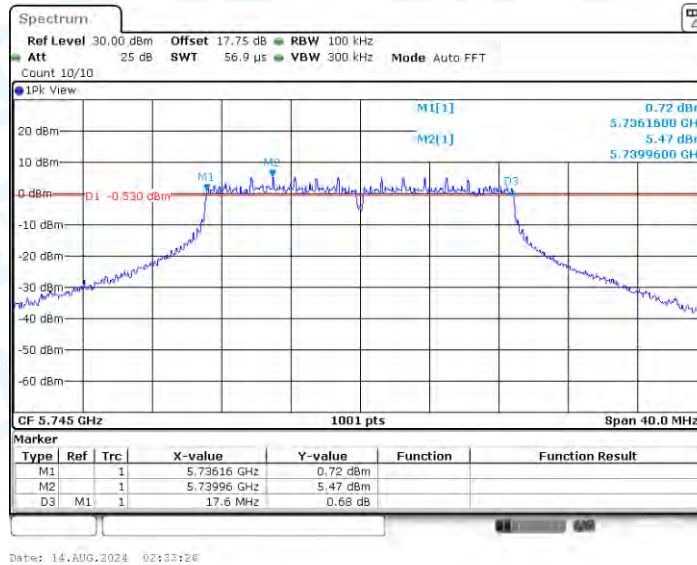
11A_Ant1_5745



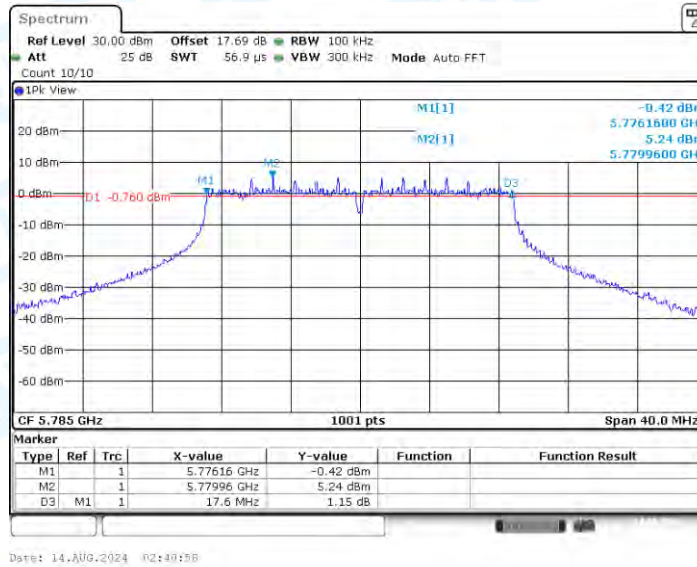
11A_Ant1_5785



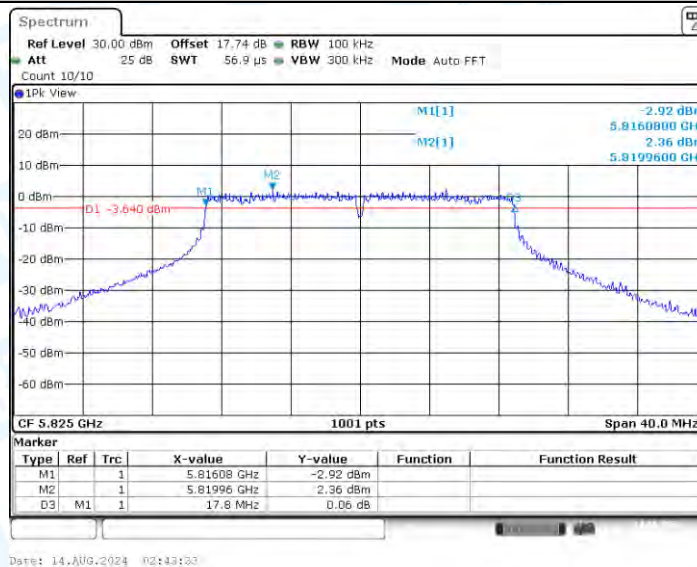
11A_Ant1_5825



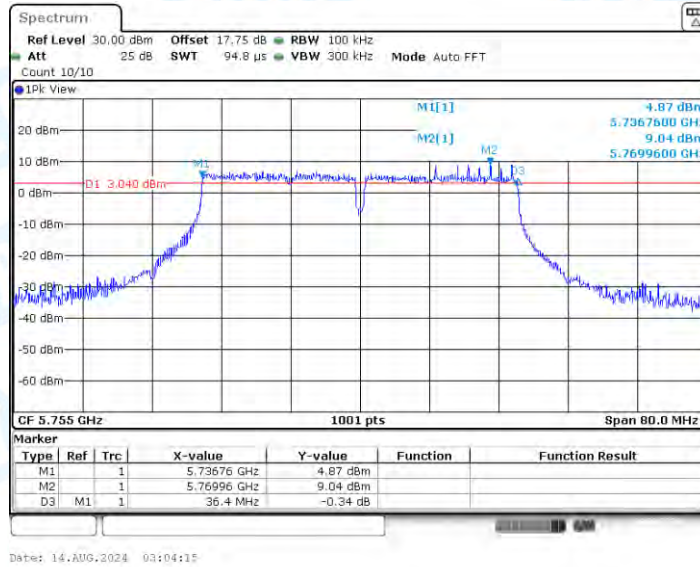
11N20SISO_Ant1_5745



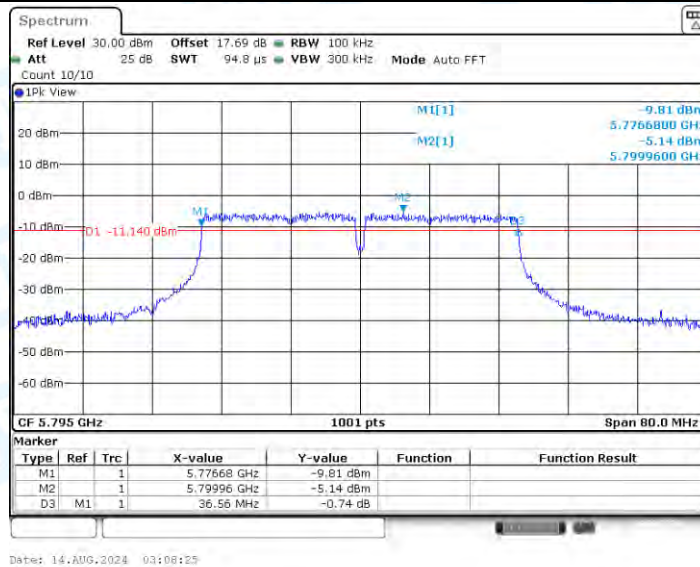
11N20SISO_Ant1_5785



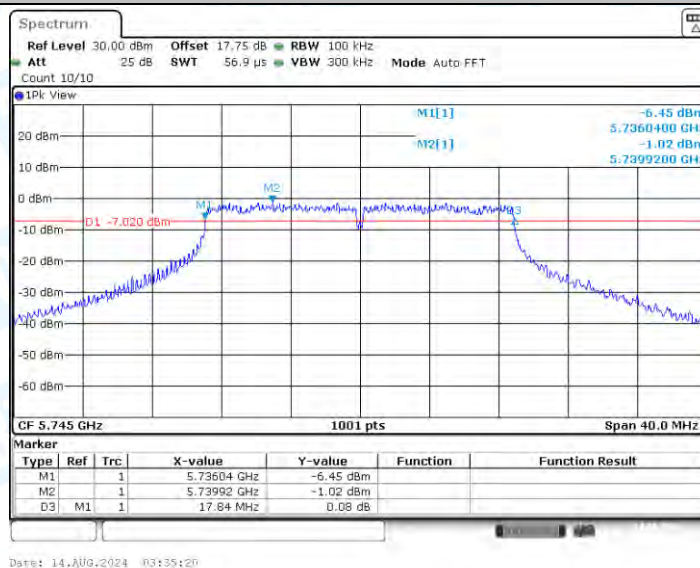
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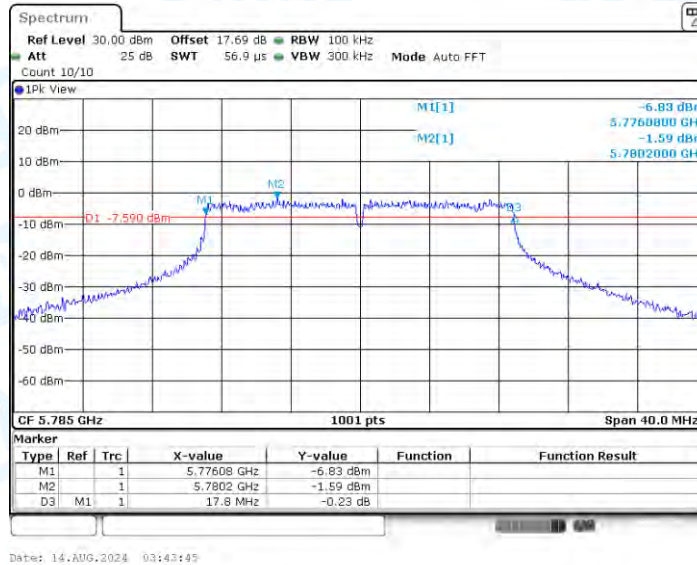
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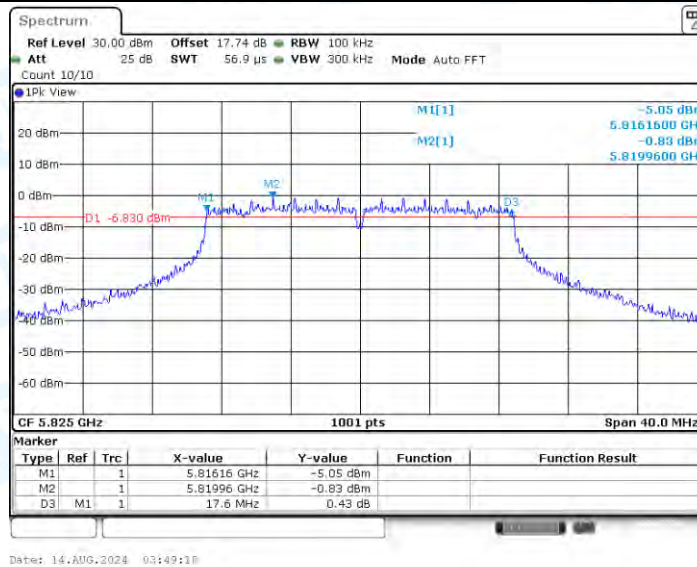
11N40SISO_Ant1_5795



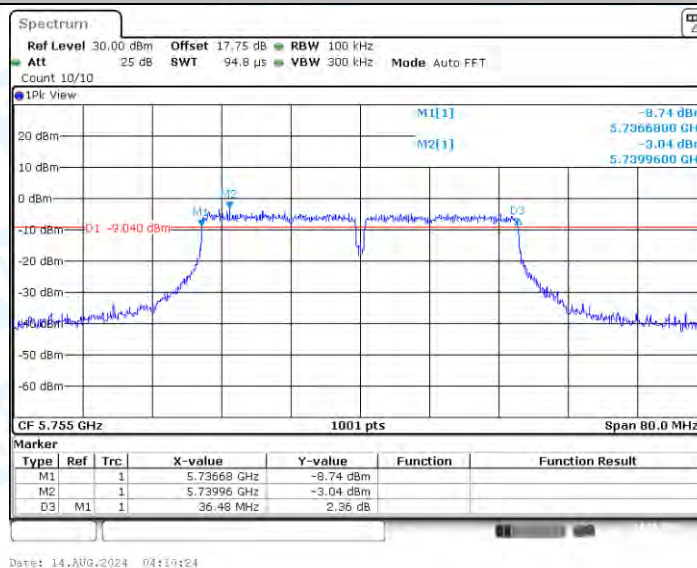
11AC20SISO_Ant1_5745



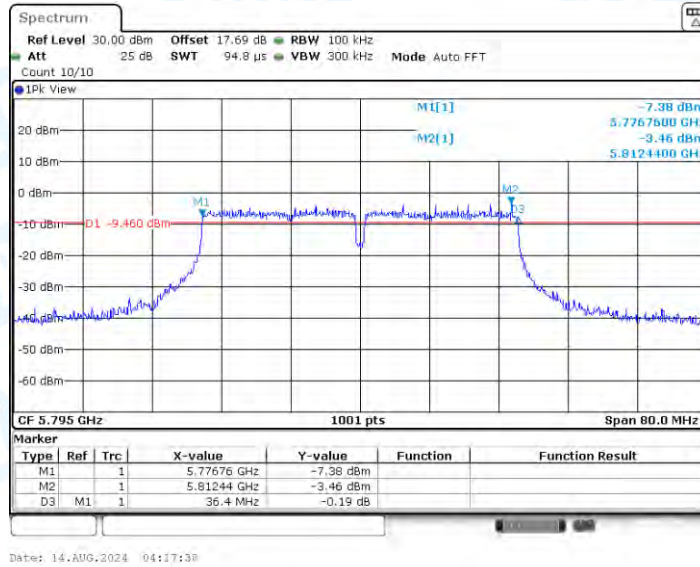
11AC20SISO_Ant1_5785



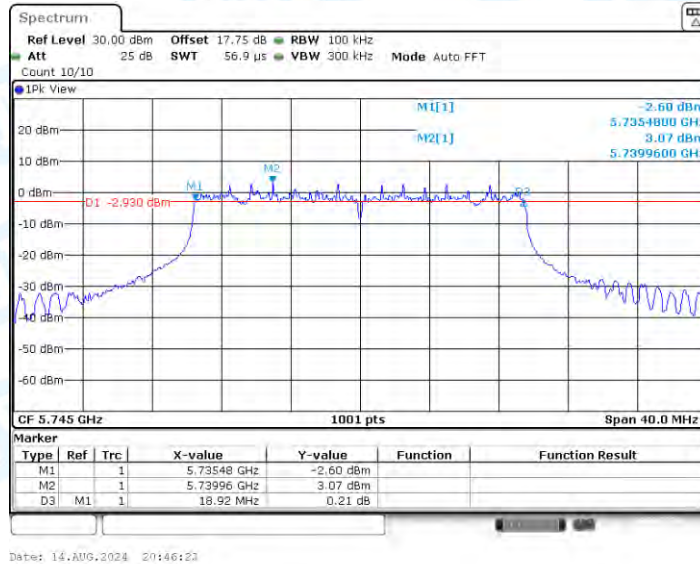
11AC20SISO_Ant1_5825



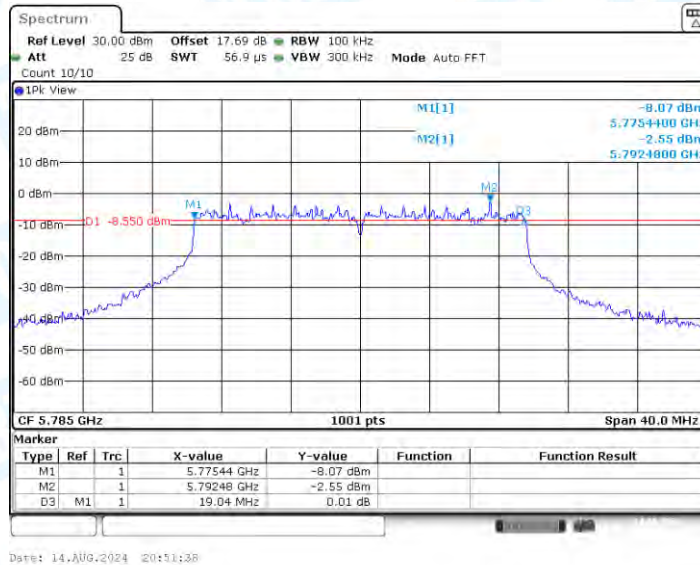
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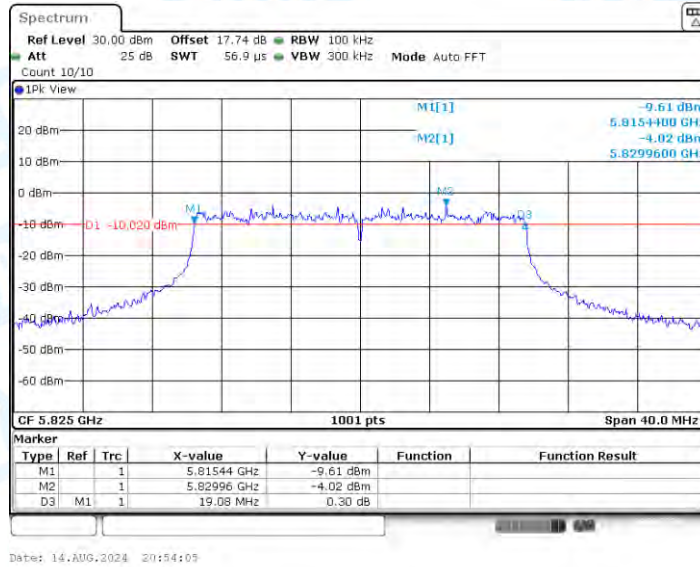
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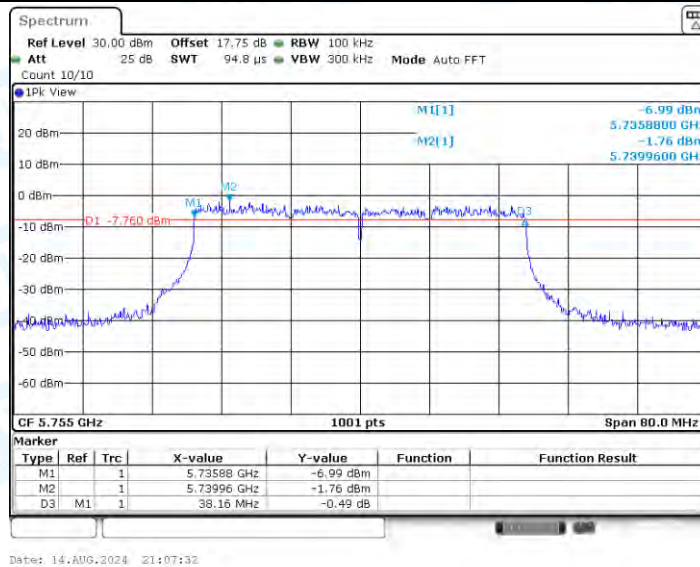
11AX20SISO_Ant1_5745



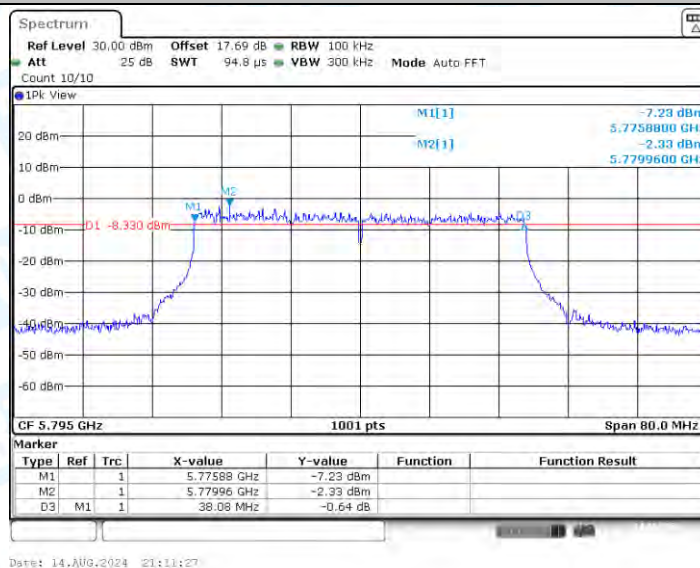
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

4. Maximum conducted output power

4.1. Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	18.06	≤23.98	PASS
		5200	18.66	≤23.98	PASS
		5240	20.15	≤23.98	PASS
		5745	23.66	≤30.00	PASS
		5785	22.81	≤30.00	PASS
		5825	21.63	≤30.00	PASS
11N20SISO	Ant1	5180	15.43	≤23.98	PASS
		5200	16.14	≤23.98	PASS
		5240	17.35	≤23.98	PASS
		5745	23.31	≤30.00	PASS
		5785	22.75	≤30.00	PASS
		5825	21.17	≤30.00	PASS
11N40SISO	Ant1	5190	13.90	≤23.98	PASS
		5230	13.75	≤23.98	PASS
		5755	22.75	≤30.00	PASS
		5795	22.41	≤30.00	PASS
11AC20SISO	Ant1	5180	12.02	≤23.98	PASS
		5200	12.59	≤23.98	PASS
		5240	13.61	≤23.98	PASS
		5745	23.27	≤30.00	PASS
		5785	22.19	≤30.00	PASS
		5825	21.80	≤30.00	PASS
11AC40SISO	Ant1	5190	12.09	≤23.98	PASS
		5230	13.75	≤23.98	PASS
		5755	22.82	≤30.00	PASS
		5795	21.75	≤30.00	PASS
11AX20SISO	Ant1	5180	11.74	≤23.98	PASS
		5200	12.06	≤23.98	PASS
		5240	13.33	≤23.98	PASS
		5745	18.98	≤30.00	PASS
		5785	18.51	≤30.00	PASS
		5825	18.17	≤30.00	PASS
11AX40SISO	Ant1	5190	11.56	≤23.98	PASS
		5230	12.92	≤23.98	PASS
		5755	17.98	≤30.00	PASS
		5795	17.38	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

5. Maximum power spectral density

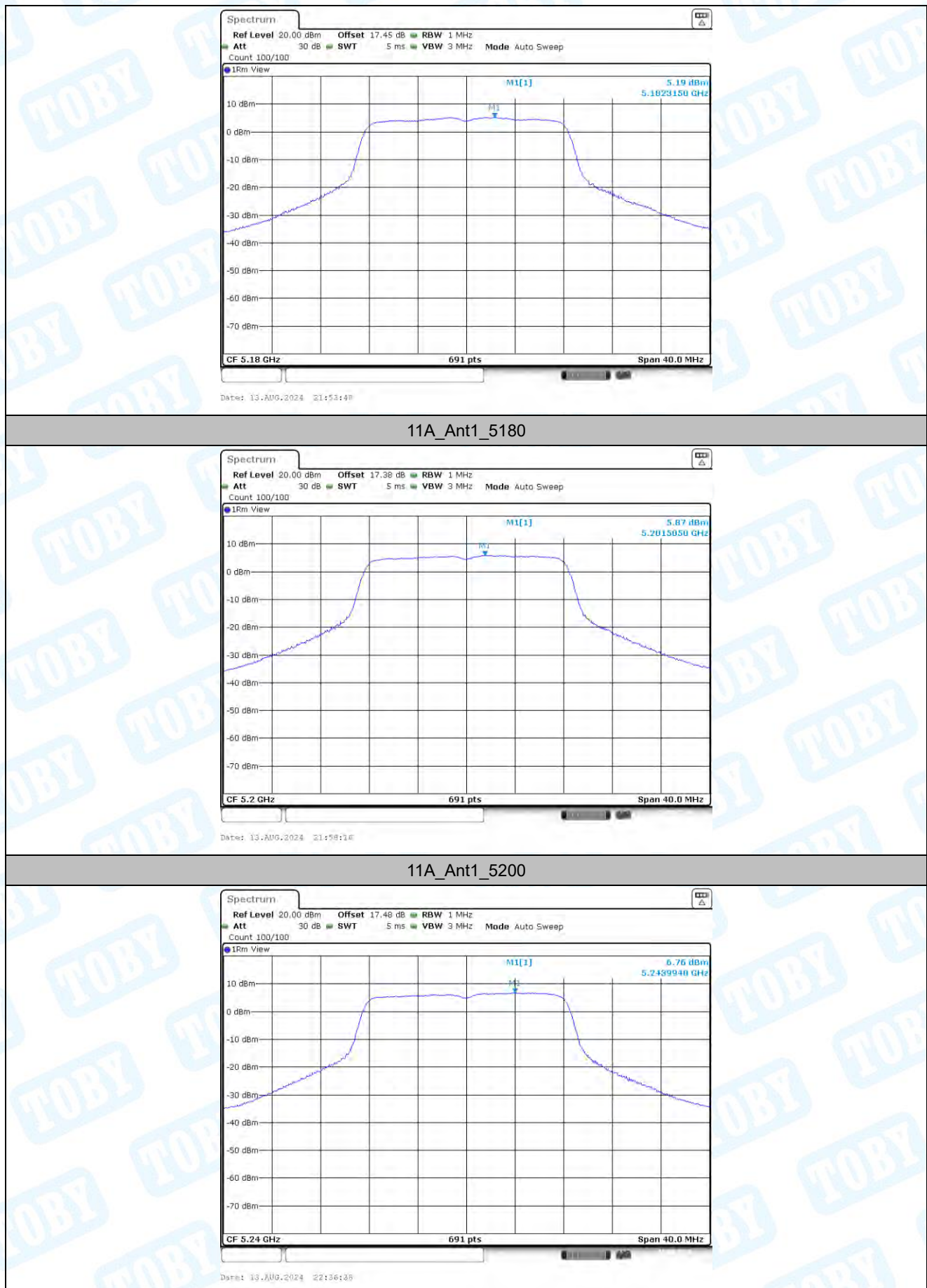
5.1. Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	7.57	≤11.00	PASS
		5200	8.28	≤11.00	PASS
		5240	9.17	≤11.00	PASS
		5745	10.39	≤30.00	PASS
		5785	8.62	≤30.00	PASS
		5825	7.98	≤30.00	PASS
11N20SISO	Ant1	5180	5.05	≤11.00	PASS
		5200	5.79	≤11.00	PASS
		5240	6.61	≤11.00	PASS
		5745	9.48	≤30.00	PASS
		5785	8.15	≤30.00	PASS
		5825	7.16	≤30.00	PASS
11N40SISO	Ant1	5190	0.81	≤11.00	PASS
		5230	-0.26	≤11.00	PASS
		5755	6.37	≤30.00	PASS
		5795	4.98	≤30.00	PASS
11AC20SISO	Ant1	5180	1.51	≤11.00	PASS
		5200	2.40	≤11.00	PASS
		5240	2.87	≤11.00	PASS
		5745	9.47	≤30.00	PASS
		5785	8.06	≤30.00	PASS
		5825	7.02	≤30.00	PASS
11AC40SISO	Ant1	5190	-0.97	≤11.00	PASS
		5230	-0.16	≤11.00	PASS
		5755	6.46	≤30.00	PASS
		5795	5.01	≤30.00	PASS
11AX20SISO	Ant1	5180	0.87	≤11.00	PASS
		5200	1.33	≤11.00	PASS
		5240	2.48	≤11.00	PASS
		5745	4.97	≤30.00	PASS
		5785	4.20	≤30.00	PASS
		5825	3.68	≤30.00	PASS
11AX40SISO	Ant1	5190	-2.05	≤11.00	PASS
		5230	-0.55	≤11.00	PASS
		5755	1.08	≤30.00	PASS
		5795	0.10	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

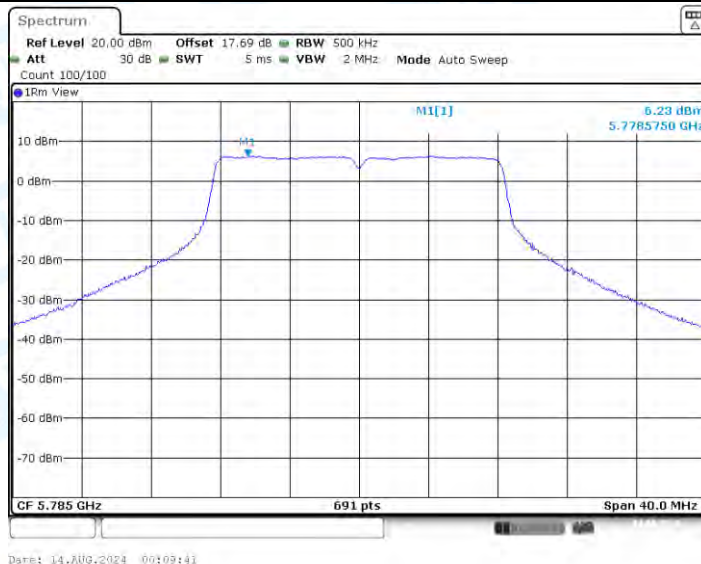
5.2. Test Graphs



11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



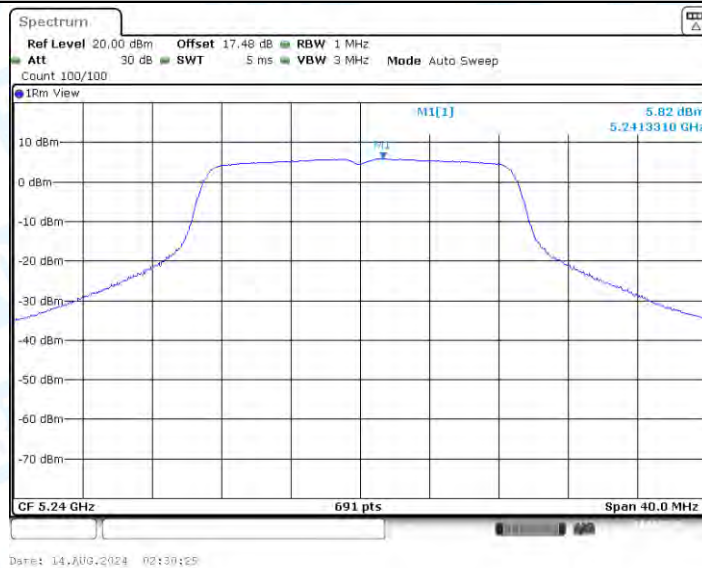
11A_Ant1_5825



11N20SISO_Ant1_5180



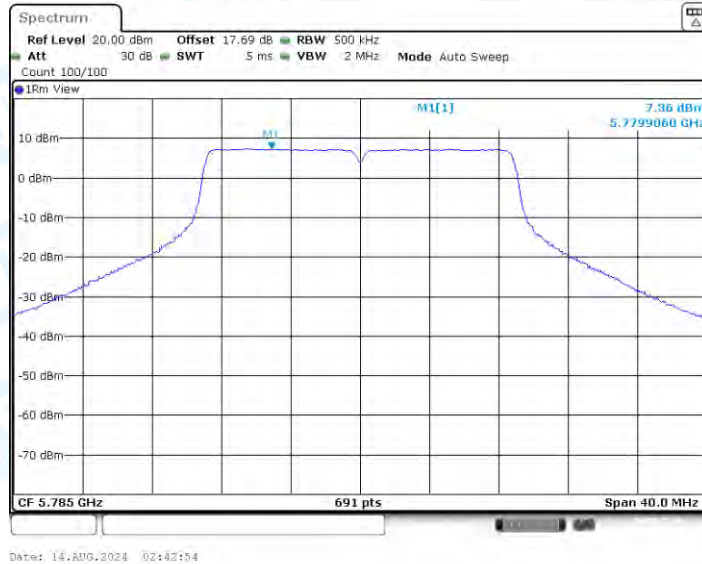
11N20SISO_Ant1_5200



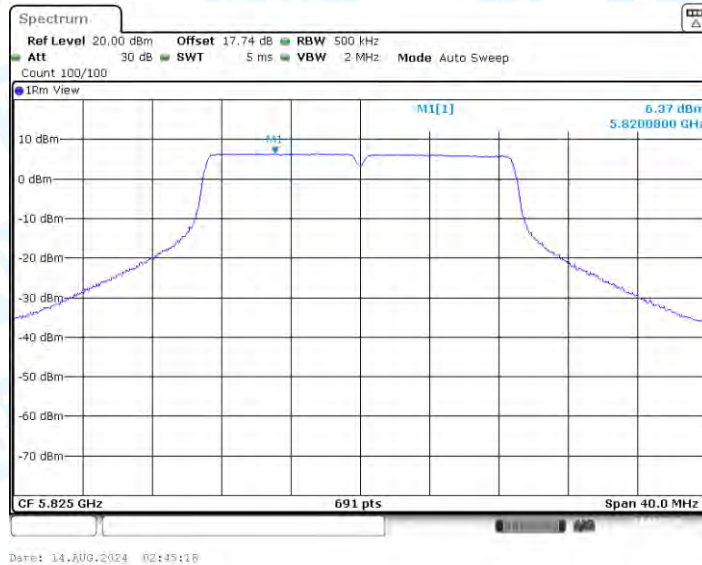
11N20SISO_Ant1_5240



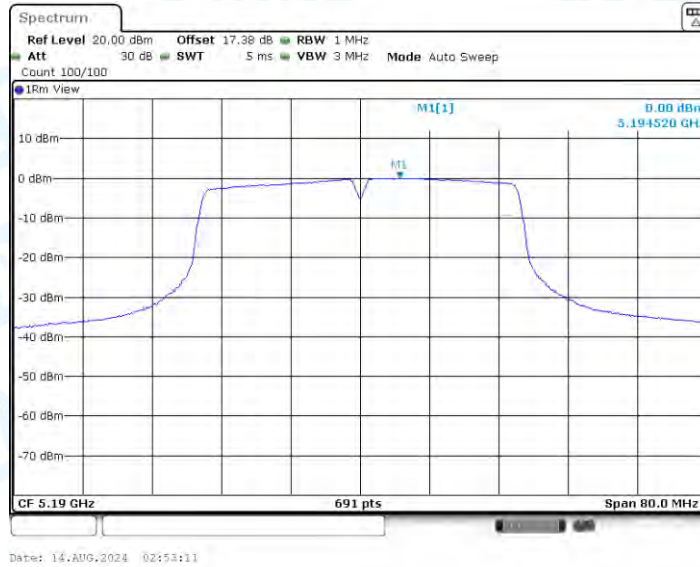
11N20SISO_Ant1_5745



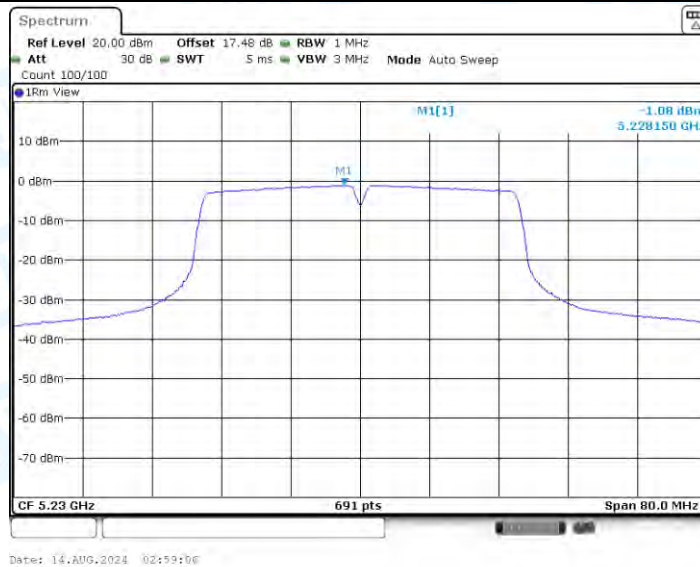
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



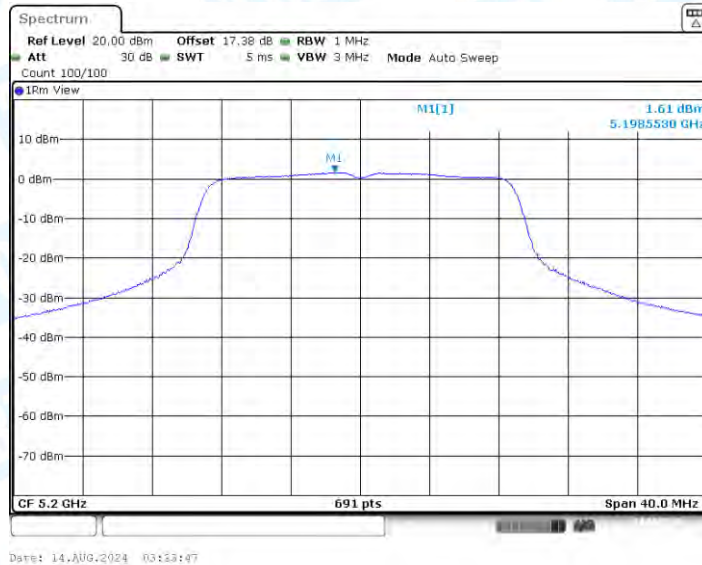
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



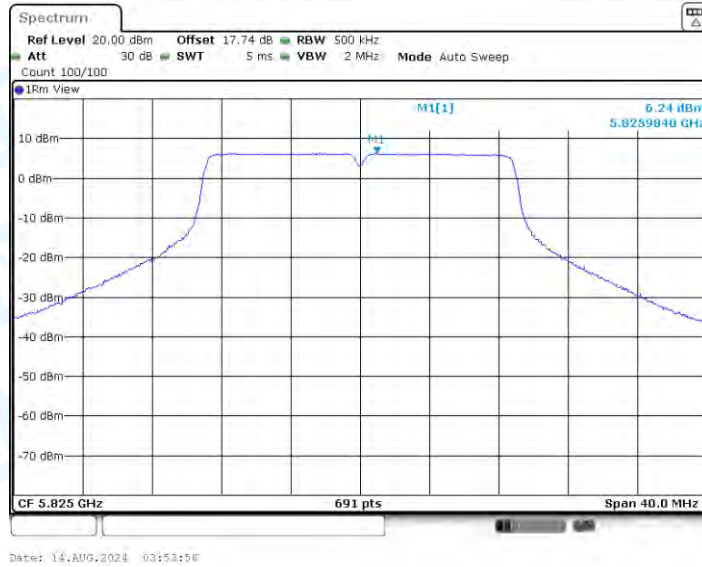
11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



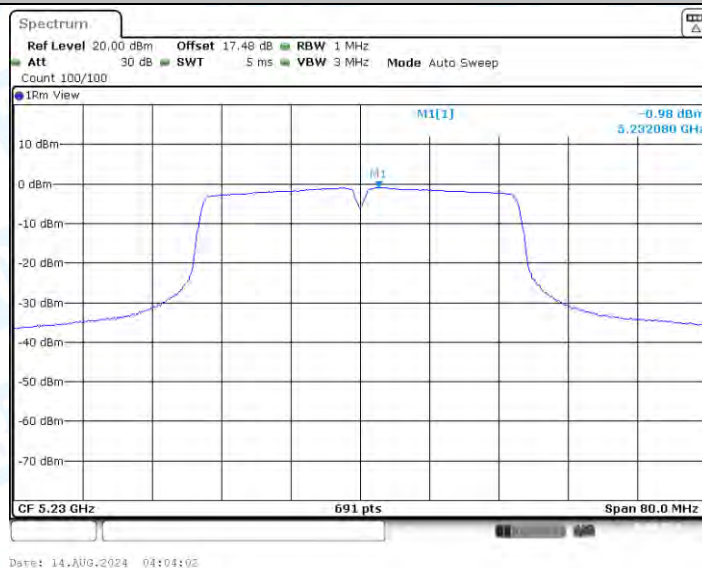
11AC20SISO_Ant1_5785



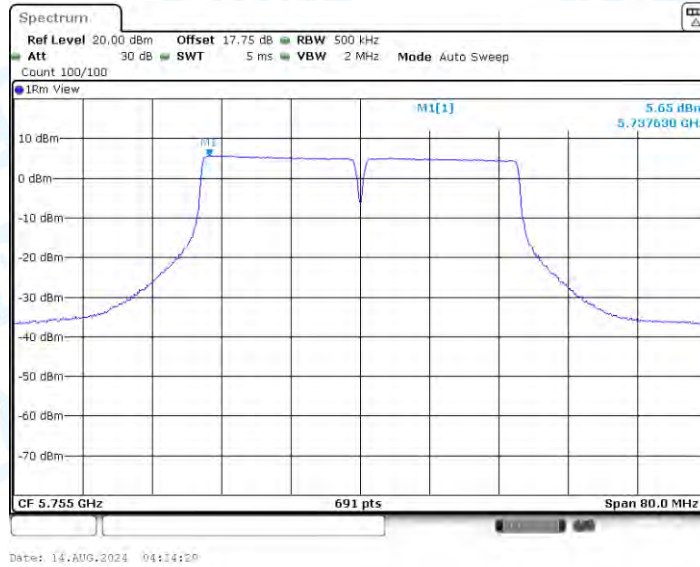
11AC20SISO_Ant1_5825



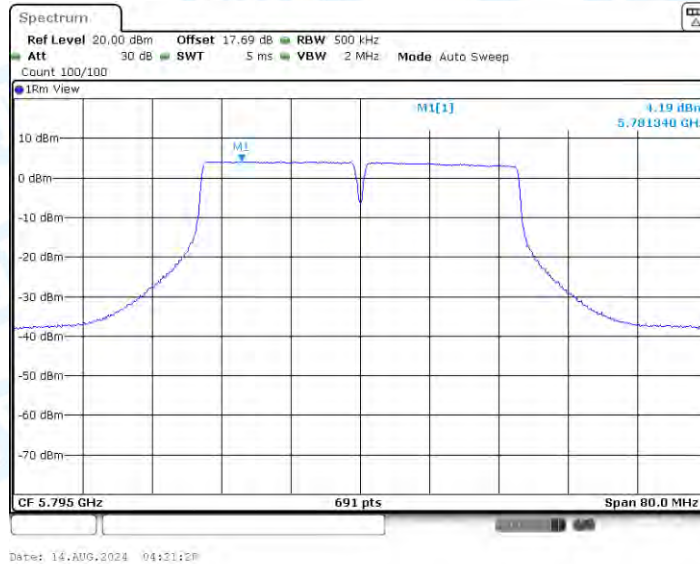
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



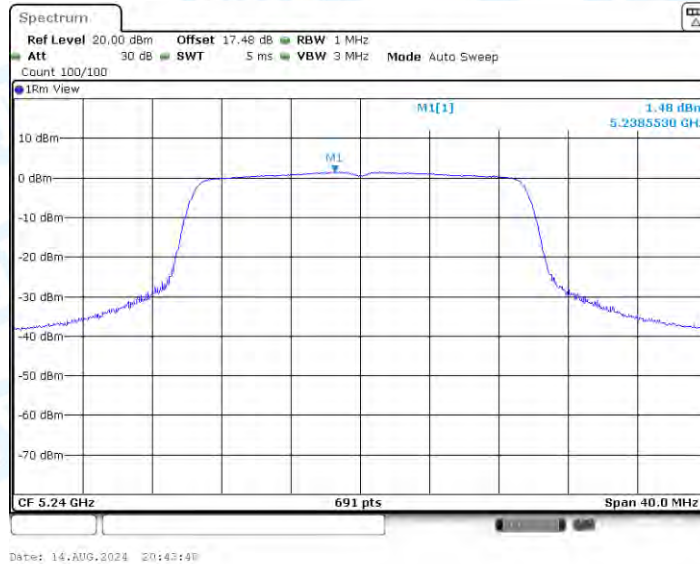
11AC40SISO_Ant1_5795



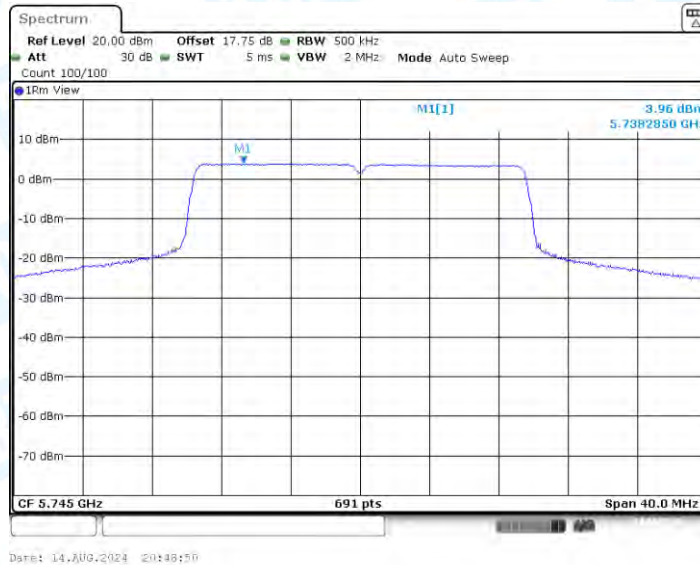
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



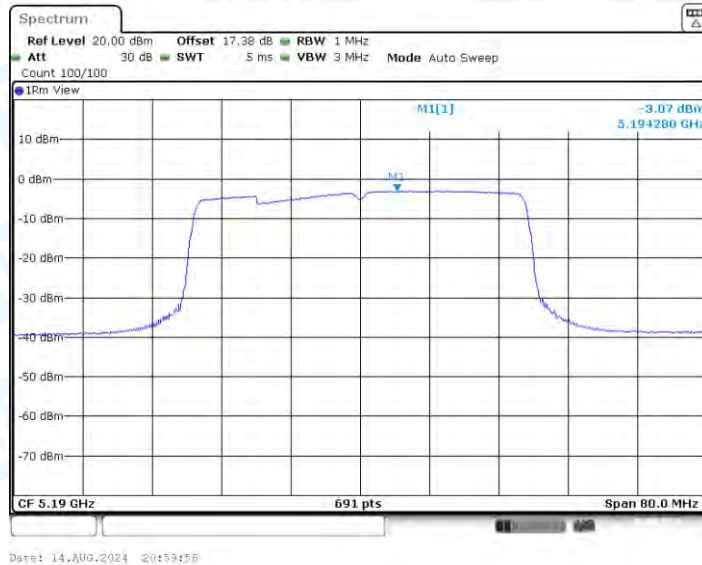
11AX20SISO_Ant1_5745



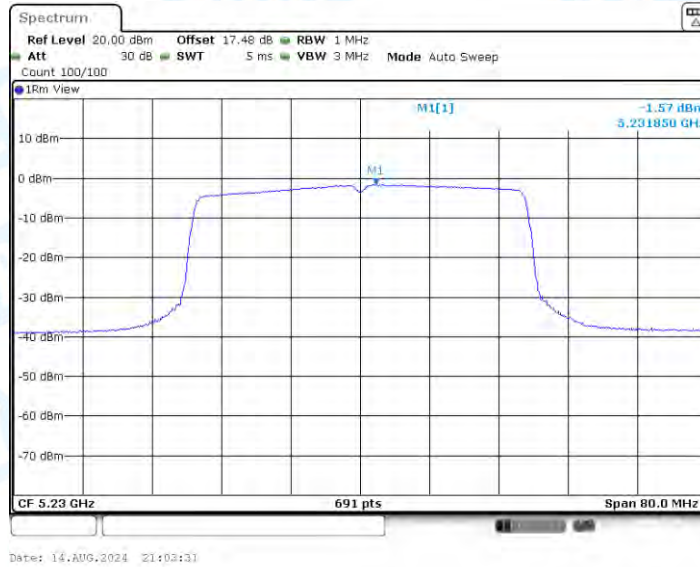
11AX20SISO_Ant1_5785



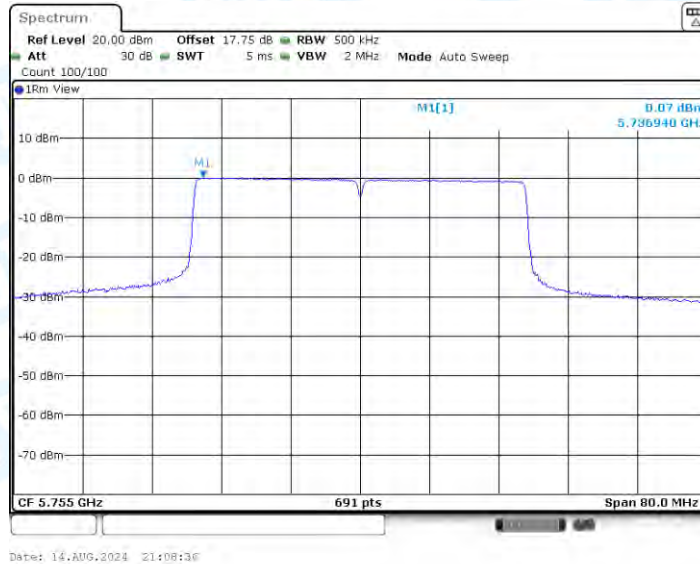
11AX20SISO_Ant1_5825



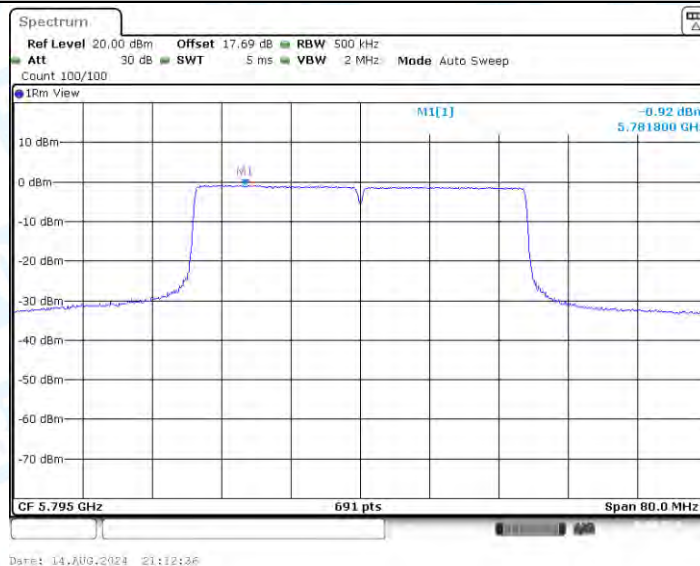
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

6. Band edge measurements

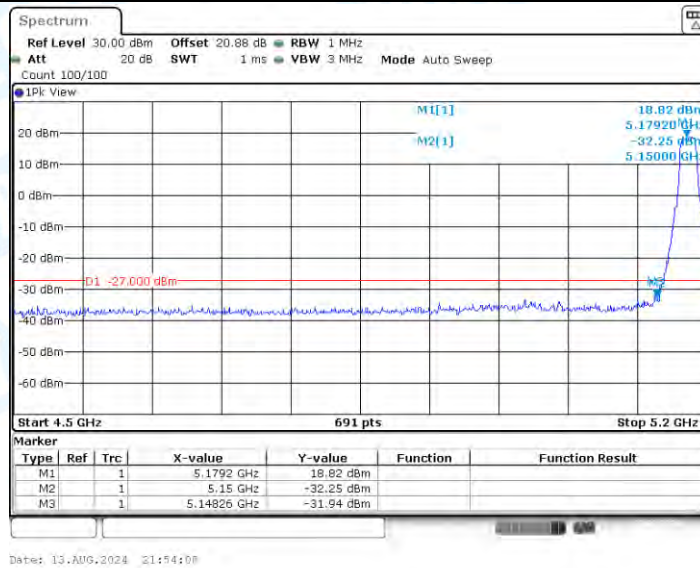
6.1. Test Result

TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-31.94	≤-27	PASS
		High	5240	-32.51	≤-27	PASS
11N20SISO	Ant1	Low	5180	-31.81	≤-27	PASS
		High	5240	-33.54	≤-27	PASS
11N40SISO	Ant1	Low	5190	-27.02	≤-27	PASS
		High	5230	-33.8	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-30.31	≤-27	PASS
		High	5240	-34.03	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-29.94	≤-27	PASS
		High	5230	-33.29	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-32.32	≤-27	PASS
		High	5240	-34.54	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-29.44	≤-27	PASS
		High	5230	-34.21	≤-27	PASS

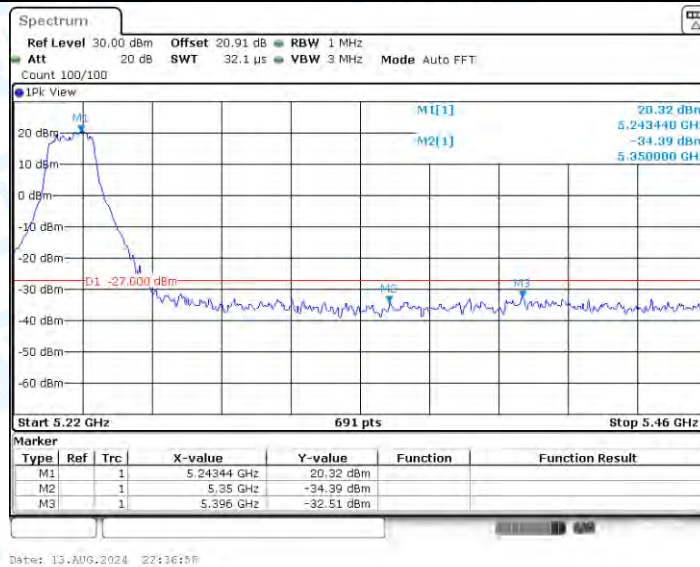
TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-28.24	≤0.50	PASS
				5700~5720	-13.63	≤15.60	PASS
				5720~5725	-12.75	≤17.88	PASS
				5760~5650	-31.23	≤-27	PASS
		High	5825	5850~5855	-26.39	≤15.80	PASS
				5855~5875	-27.29	≤14.21	PASS
				5875~5925	-30.09	≤-26.90	PASS
				5925~5935	-32.14	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-23.31	≤10.00	PASS
				5700~5720	-21.31	≤15.60	PASS
				5720~5725	-11.74	≤22.44	PASS
				5760~5650	-31	≤-27	PASS
		High	5825	5850~5855	-25.7	≤15.80	PASS
				5855~5875	-28.18	≤11.64	PASS
				5875~5925	-29.02	≤-26.76	PASS
				5925~5935	-32.09	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-24.35	≤4.05	PASS
				5700~5720	-17.83	≤15.14	PASS
				5720~5725	-14.98	≤26.60	PASS
				5780~5650	-31.36	≤-27	PASS
		High	5795	5850~5855	-27.47	≤26.75	PASS
				5855~5875	-27.56	≤10.04	PASS

11AC20SIS O	Ant1	Low	5745	5875~5925	-30.73	≤-24.54	PASS
				5925~5935	-31.67	≤-27	PASS
				5650~5700	-26.6	≤10.00	PASS
				5700~5720	-17.81	≤15.32	PASS
				5720~5725	-15.9	≤27.00	PASS
		High	5825	5760~5650	-31.91	≤-27	PASS
				5850~5855	-28.2	≤15.80	PASS
				5855~5875	-28.53	≤10.82	PASS
				5875~5925	-29.36	≤-24.15	PASS
				5925~5935	-32.95	≤-27	PASS
11AC40SIS O	Ant1	Low	5755	5650~5700	-24.72	≤9.69	PASS
				5700~5720	-12.3	≤15.58	PASS
				5720~5725	-10.61	≤26.60	PASS
				5780~5650	-31.27	≤-27	PASS
		High	5795	5850~5855	-29.03	≤17.48	PASS
				5855~5875	-31.15	≤11.38	PASS
				5875~5925	-30.87	≤-24.72	PASS
				5925~5935	-30.89	≤-27	PASS
11AX20SIS O	Ant1	Low	5745	5650~5700	-20.2	≤9.38	PASS
				5700~5720	-7.83	≤15.55	PASS
				5720~5725	-4.09	≤25.48	PASS
				5760~5650	-29.75	≤-27	PASS
		High	5825	5850~5855	-18.75	≤19.81	PASS
				5855~5875	-16.58	≤11.47	PASS
				5875~5925	-29.3	≤-21.98	PASS
				5925~5935	-34.05	≤-27	PASS
11AX40SIS O	Ant1	Low	5755	5650~5700	-18.19	≤9.98	PASS
				5700~5720	-9.77	≤15.20	PASS
				5720~5725	-9.04	≤18.13	PASS
				5780~5650	-27.28	≤-27	PASS
		High	5795	5850~5855	-23.53	≤24.03	PASS
				5855~5875	-25.37	≤10.10	PASS
				5875~5925	-32.04	≤-16.05	PASS
				5925~5935	-33.81	≤-27	PASS

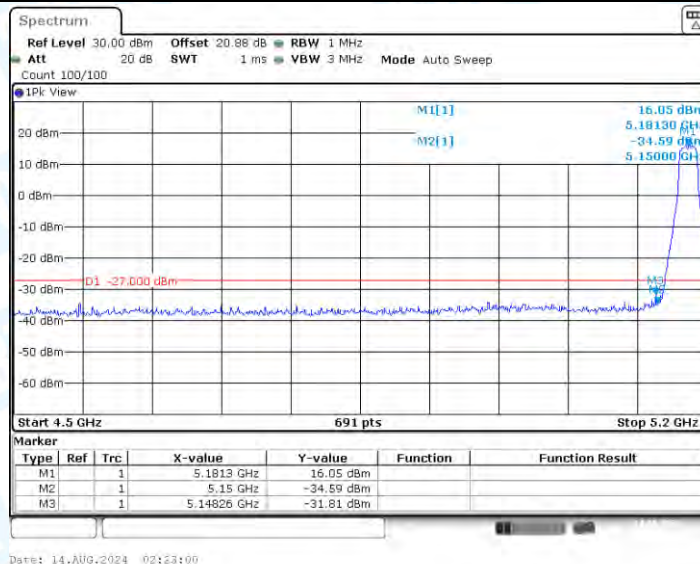
6.2. Test Graphs



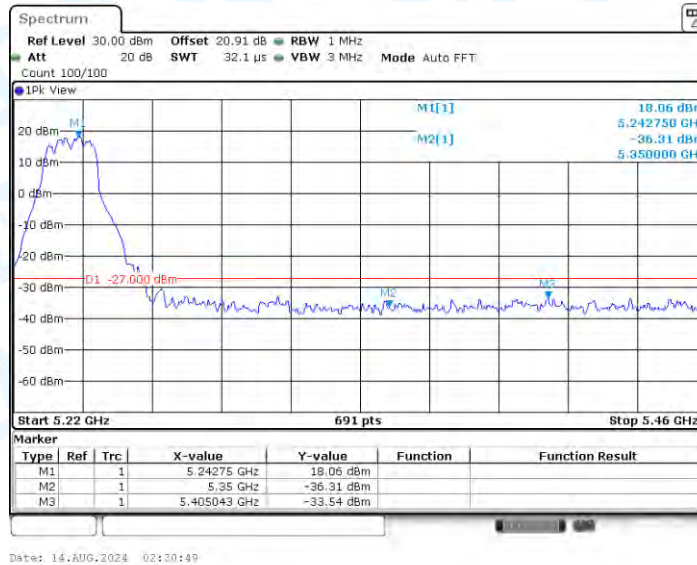
11A_Ant1_Low_5180



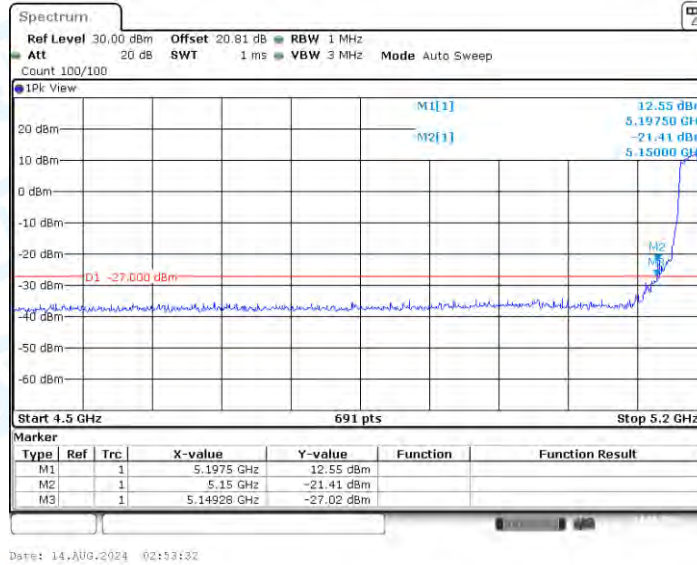
11A_Ant1_High_5240



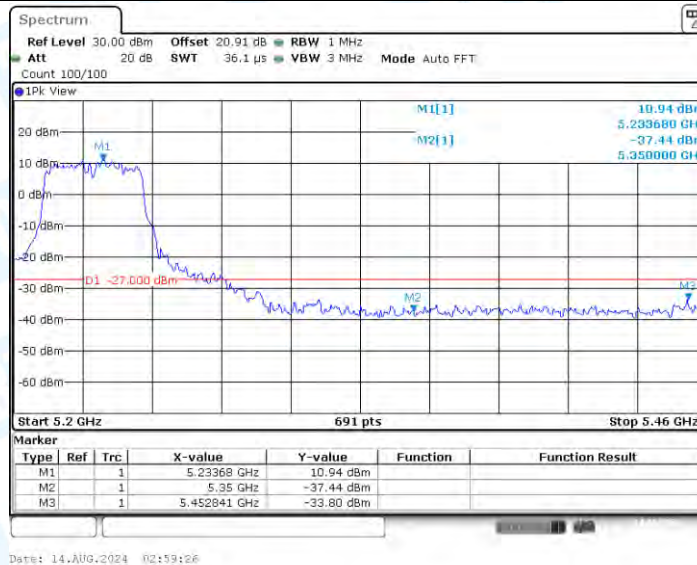
11N20SISO_Ant1_Low_5180



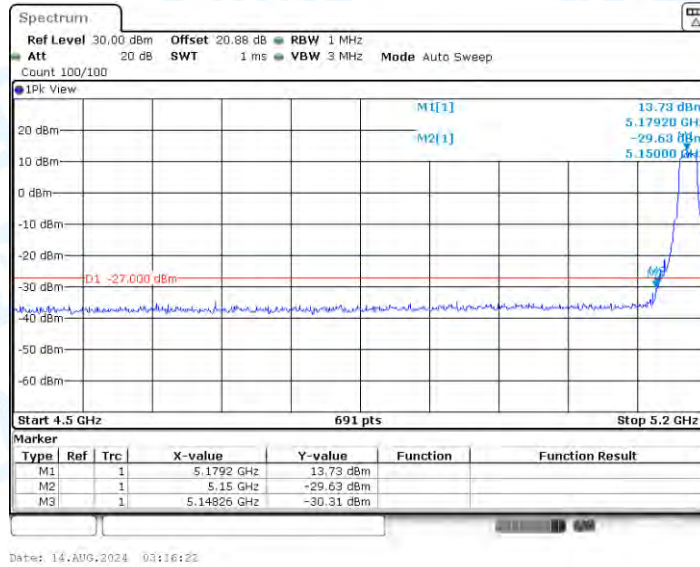
11N20SISO_Ant1_High_5240



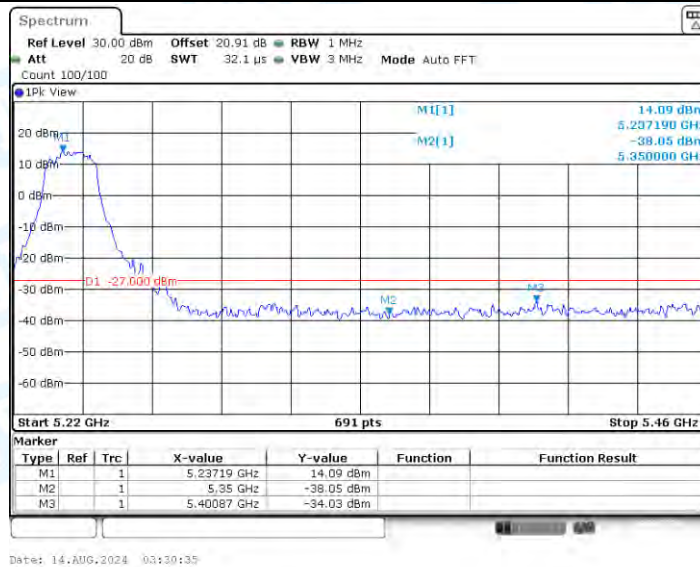
11N40SISO_Ant1_Low_5190



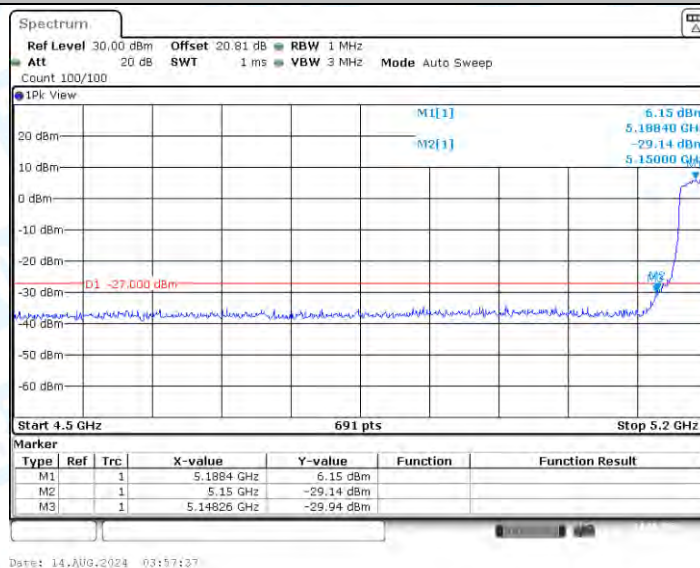
11N40SISO_Ant1_High_5230



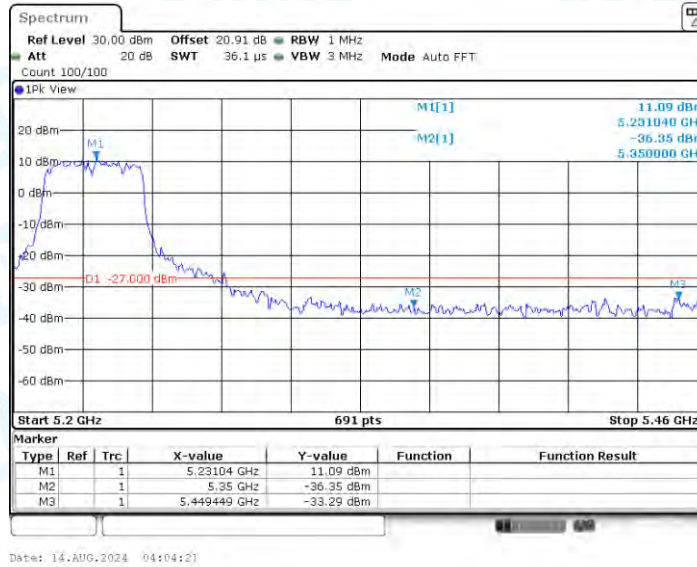
11AC20SISO_Ant1_Low_5180



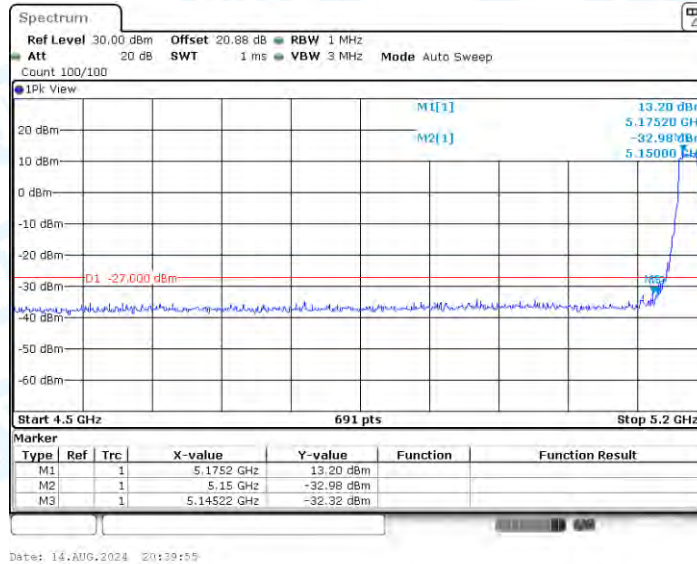
11AC20SISO_Ant1_High_5240



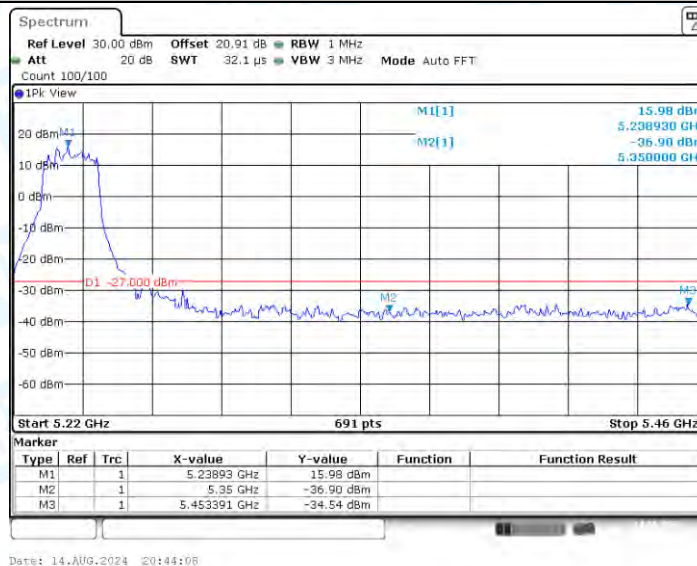
11AC40SISO_Ant1_Low_5190



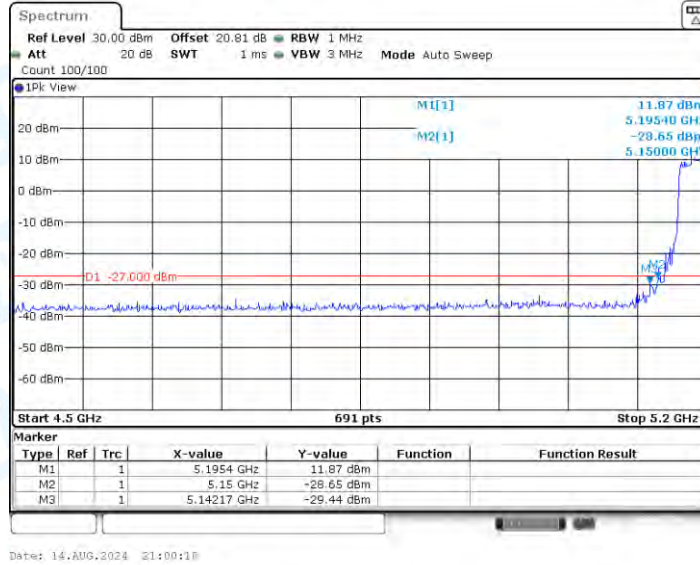
11AC40SISO_Ant1_High_5230



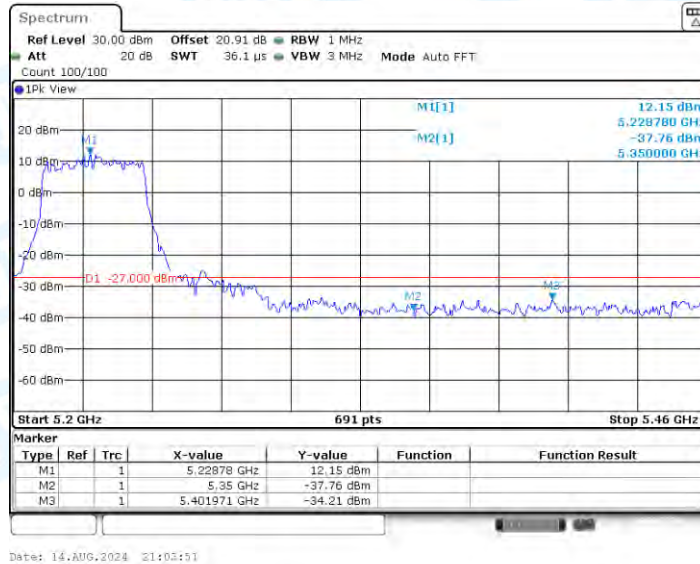
11AX20SISO_Ant1_Low_5180



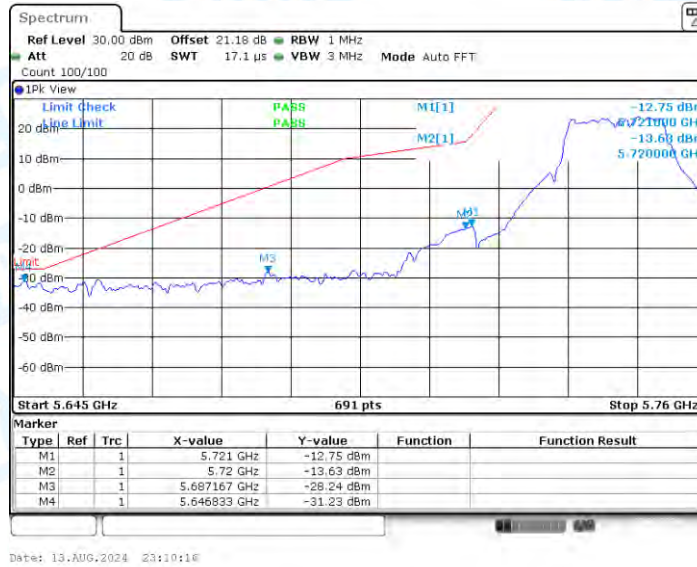
11AX20SISO_Ant1_High_5240



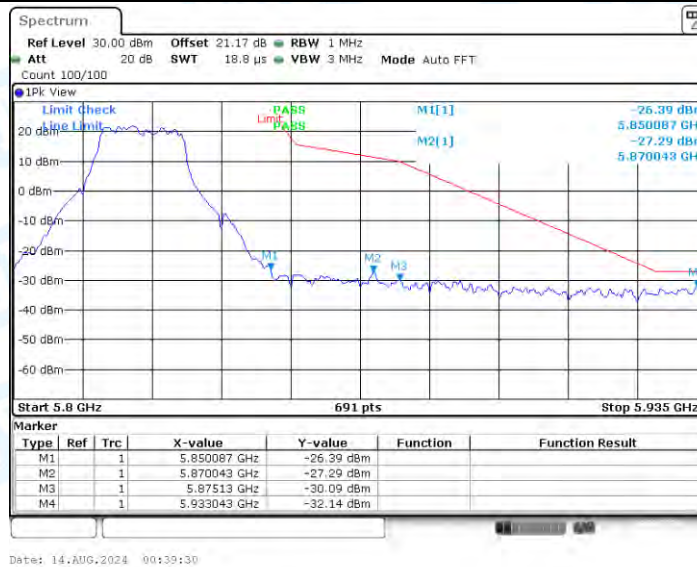
11AX40SISO_Ant1_Low_5190



11AX40SISO_Ant1_High_5230



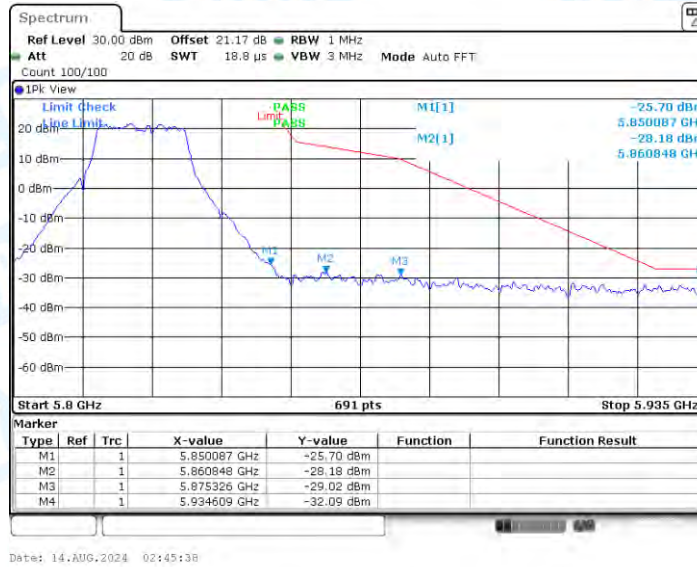
11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



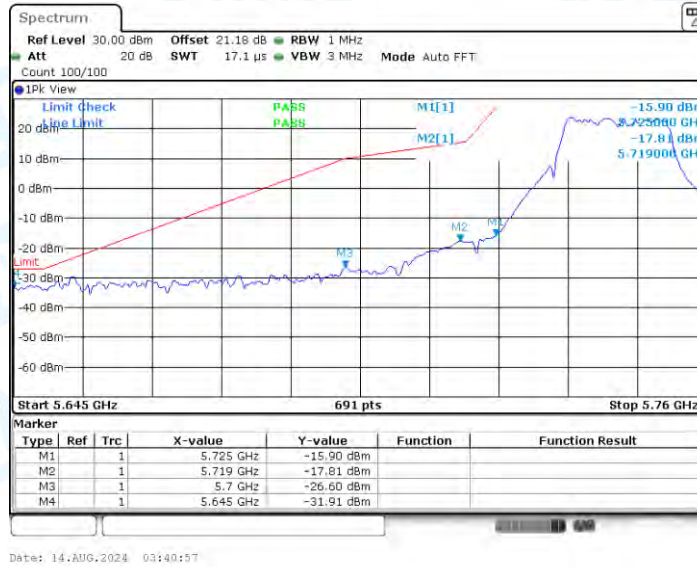
11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



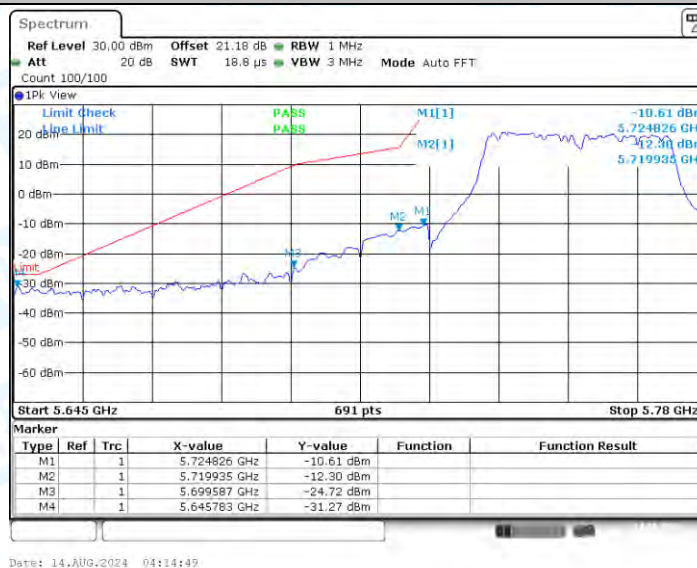
11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



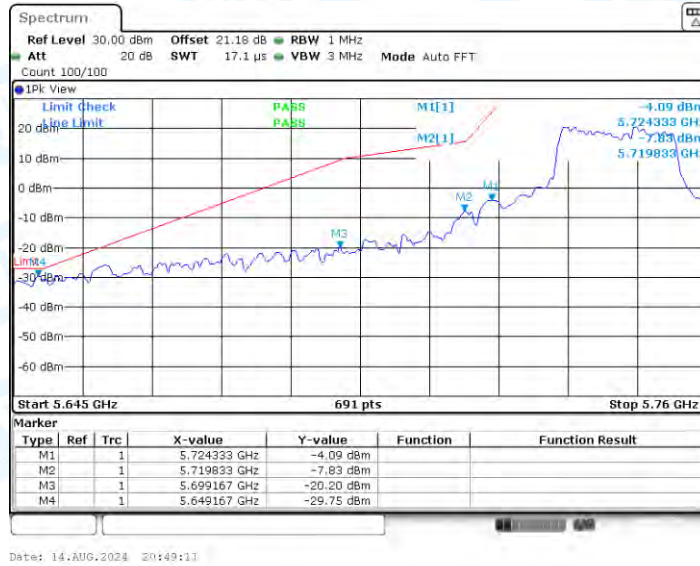
11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



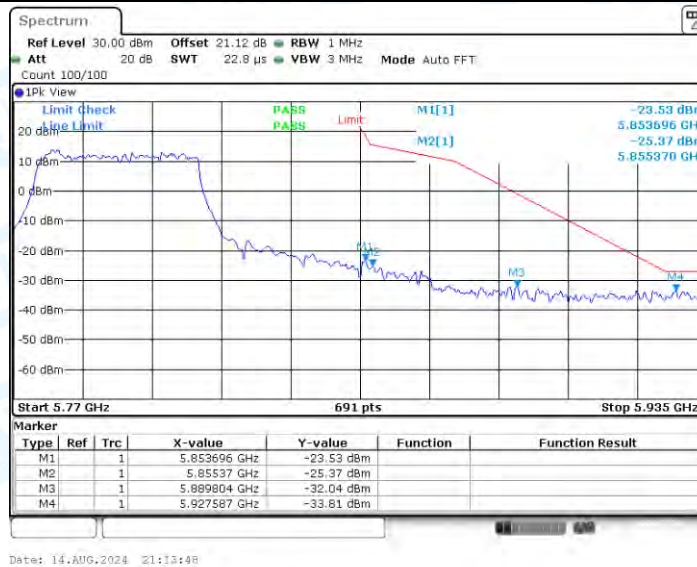
11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795

7. Emissions in Restricted Bands

7.1. Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-46.97	≤-41.20	PASS
				AV	5149.275	-43.83	≤-41.20	PASS
				AV	5150.000	-43.93	≤-41.20	PASS
				Peak	4500.000	-36.88	≤-21.20	PASS
				Peak	5147.246	-30.42	≤-21.20	PASS
				Peak	5150.000	-32.48	≤-21.20	PASS
		High	5240	AV	5350.000	-44.31	≤-41.20	PASS
				AV	5398.087	-42.39	≤-41.20	PASS
				AV	5460.000	-44.67	≤-41.20	PASS
				Peak	5350.000	-35.16	≤-21.20	PASS
				Peak	5401.217	-31.14	≤-21.20	PASS
				Peak	5460.000	-36.25	≤-21.20	PASS
		Low	5745	Peak	5650.000	-32.99	≤-27.00	PASS
				Peak	5700.000	-25.6	≤10.00	PASS
				Peak	5720.000	-18.67	≤15.60	PASS
				Peak	5725.000	-13.51	≤27.00	PASS
		High	5825	Peak	5850.000	-26.59	≤27.00	PASS
				Peak	5855.000	-20.22	≤15.60	PASS
				Peak	5875.000	-30.27	≤10.00	PASS
				Peak	5925.000	-33.63	≤-27.00	PASS
11N20SISO	Ant1	Low	5180	AV	4500.000	-46.88	≤-41.20	PASS
				AV	5145.217	-44.51	≤-41.20	PASS
				AV	5150.000	-44.42	≤-41.20	PASS
				Peak	4500.000	-37.07	≤-21.20	PASS
				Peak	5021.449	-33.46	≤-21.20	PASS
				Peak	5150.000	-32.5	≤-21.20	PASS
		High	5240	AV	5350.000	-45.06	≤-41.20	PASS
				AV	5450.261	-42.56	≤-41.20	PASS
				AV	5460.000	-44.51	≤-41.20	PASS
				Peak	5350.000	-37.23	≤-21.20	PASS
				Peak	5410.957	-32.33	≤-21.20	PASS
				Peak	5460.000	-36.06	≤-21.20	PASS
		Low	5745	Peak	5650.000	-31.52	≤-27.00	PASS
				Peak	5700.000	-28.76	≤10.00	PASS
				Peak	5720.000	-19.9	≤15.60	PASS
				Peak	5725.000	-12.04	≤27.00	PASS
		High	5825	Peak	5850.000	-24.95	≤27.00	PASS
				Peak	5855.000	-28.92	≤15.60	PASS
				Peak	5875.000	-26.45	≤10.00	PASS

				Peak	5925.000	-33.12	≤-27.00	PASS
11N40SISO	Ant1	Low	5190	AV	4500.000	-47.11	≤-41.20	PASS
				AV	5149.275	-41.57	≤-41.20	PASS
				AV	5150.000	-41.34	≤-41.20	PASS
				Peak	4500.000	-36.6	≤-21.20	PASS
				Peak	5149.275	-24.96	≤-21.20	PASS
				Peak	5150.000	-26.02	≤-21.20	PASS
		High	5230	AV	5350.000	-45.79	≤-41.20	PASS
				AV	5447.565	-43.02	≤-41.20	PASS
				AV	5460.000	-45.16	≤-41.20	PASS
				Peak	5350.000	-36.7	≤-21.20	PASS
				Peak	5454.725	-33.42	≤-21.20	PASS
				Peak	5460.000	-35.66	≤-21.20	PASS
		Low	5755	Peak	5650.000	-33.22	≤-27.00	PASS
				Peak	5700.000	-25.63	≤10.00	PASS
				Peak	5720.000	-16.34	≤15.60	PASS
				Peak	5725.000	-17.31	≤27.00	PASS
		High	5795	Peak	5850.000	-24.45	≤27.00	PASS
				Peak	5855.000	-24.91	≤15.60	PASS
				Peak	5875.000	-30.68	≤10.00	PASS
				Peak	5925.000	-33.4	≤-27.00	PASS
11AC20SISO	Ant1	Low	5180	AV	4500.000	-46.96	≤-41.20	PASS
				AV	5149.275	-43.68	≤-41.20	PASS
				AV	5150.000	-42.92	≤-41.20	PASS
				Peak	4500.000	-37.65	≤-21.20	PASS
				Peak	5149.275	-28.65	≤-21.20	PASS
				Peak	5150.000	-28.57	≤-21.20	PASS
		High	5240	AV	5350.000	-45.07	≤-41.20	PASS
				AV	5447.478	-42.83	≤-41.20	PASS
				AV	5460.000	-44.34	≤-41.20	PASS
				Peak	5350.000	-36.85	≤-21.20	PASS
				Peak	5416.174	-33.89	≤-21.20	PASS
				Peak	5460.000	-35.58	≤-21.20	PASS
		Low	5745	Peak	5650.000	-32.05	≤-27.00	PASS
				Peak	5700.000	-28.16	≤10.00	PASS
				Peak	5720.000	-20.56	≤15.60	PASS
				Peak	5725.000	-11.49	≤27.00	PASS
		High	5825	Peak	5850.000	-24.99	≤27.00	PASS
				Peak	5855.000	-28.11	≤15.60	PASS
				Peak	5875.000	-31.01	≤10.00	PASS
				Peak	5925.000	-33.6	≤-27.00	PASS
11AC40SISO	Ant1	Low	5190	AV	4500.000	-47.1	≤-41.20	PASS
				AV	5149.275	-41.74	≤-41.20	PASS
				AV	5150.000	-41.27	≤-41.20	PASS
				Peak	4500.000	-37.04	≤-21.20	PASS

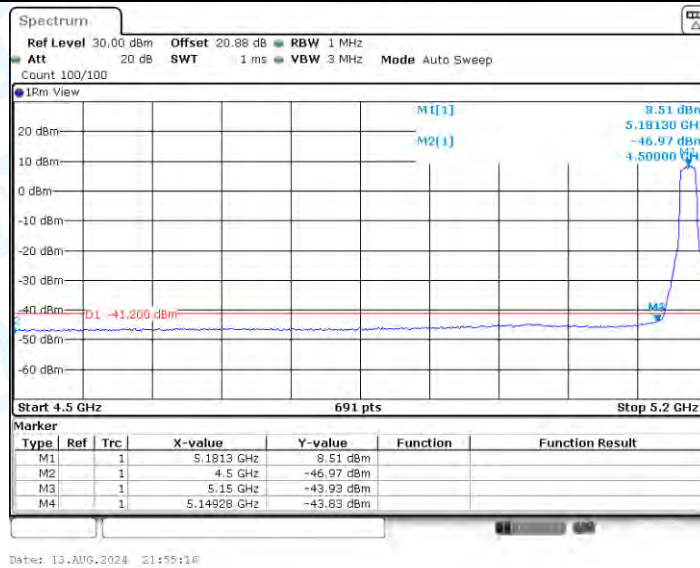
		High	5230	Peak	5148.261	-29.51	≤-21.20	PASS
				Peak	5150.000	-29.59	≤-21.20	PASS
				AV	5350.000	-45.54	≤-41.20	PASS
				AV	5447.188	-43.29	≤-41.20	PASS
				AV	5460.000	-45.23	≤-41.20	PASS
				Peak	5350.000	-36.96	≤-21.20	PASS
				Peak	5454.725	-33.92	≤-21.20	PASS
				Peak	5460.000	-37.12	≤-21.20	PASS
		Low	5755	Peak	5650.000	-32.89	≤-27.00	PASS
				Peak	5700.000	-19.32	≤10.00	PASS
				Peak	5720.000	-15.42	≤15.60	PASS
				Peak	5725.000	-13.35	≤27.00	PASS
		High	5795	Peak	5850.000	-28.41	≤27.00	PASS
				Peak	5855.000	-22.77	≤15.60	PASS
				Peak	5875.000	-31.53	≤10.00	PASS
				Peak	5925.000	-32.81	≤-27.00	PASS
11AX20SIS O	Ant1	Low	5180	AV	4500.000	-47.14	≤-41.20	PASS
				AV	5002.174	-45.03	≤-41.20	PASS
				AV	5150.000	-45.06	≤-41.20	PASS
				Peak	4500.000	-37.09	≤-21.20	PASS
				Peak	5149.275	-30.45	≤-21.20	PASS
				Peak	5150.000	-31.65	≤-21.20	PASS
		High	5240	AV	5350.000	-45.47	≤-41.20	PASS
				AV	5448.870	-43.35	≤-41.20	PASS
				AV	5460.000	-44.74	≤-41.20	PASS
				Peak	5350.000	-36.87	≤-21.20	PASS
				Peak	5401.565	-34.01	≤-21.20	PASS
				Peak	5460.000	-36.53	≤-21.20	PASS
		Low	5745	Peak	5650.000	-31.26	≤-27.00	PASS
				Peak	5700.000	-21.32	≤10.00	PASS
				Peak	5720.000	-10.55	≤15.60	PASS
				Peak	5725.000	-2.67	≤27.00	PASS
		High	5825	Peak	5850.000	-19.33	≤27.00	PASS
				Peak	5855.000	-20.41	≤15.60	PASS
				Peak	5875.000	-31.58	≤10.00	PASS
				Peak	5925.000	-35.16	≤-27.00	PASS
11AX40SIS O	Ant1	Low	5190	AV	4500.000	-47.08	≤-41.20	PASS
				AV	5146.232	-44.06	≤-41.20	PASS
				AV	5150.000	-44.46	≤-41.20	PASS
				Peak	4500.000	-37.28	≤-21.20	PASS
				Peak	5149.275	-26.38	≤-21.20	PASS
				Peak	5150.000	-29.76	≤-21.20	PASS
		High	5230	AV	5350.000	-45.63	≤-41.20	PASS
				AV	5447.188	-43.32	≤-41.20	PASS
				AV	5460.000	-44.76	≤-41.20	PASS

				Peak	5350.000	-37.91	≤-21.20	PASS
				Peak	5451.333	-33.7	≤-21.20	PASS
				Peak	5460.000	-35.92	≤-21.20	PASS
		Low	5755	Peak	5650.000	-32.89	≤-27.00	PASS
				Peak	5700.000	-19.32	≤10.00	PASS
				Peak	5720.000	-15.42	≤15.60	PASS
				Peak	5725.000	-13.35	≤27.00	PASS
		High	5795	Peak	5850.000	-21.78	≤27.00	PASS
				Peak	5855.000	-24.1	≤15.60	PASS
				Peak	5875.000	-32.84	≤10.00	PASS
				Peak	5925.000	-34.56	≤-27.00	PASS

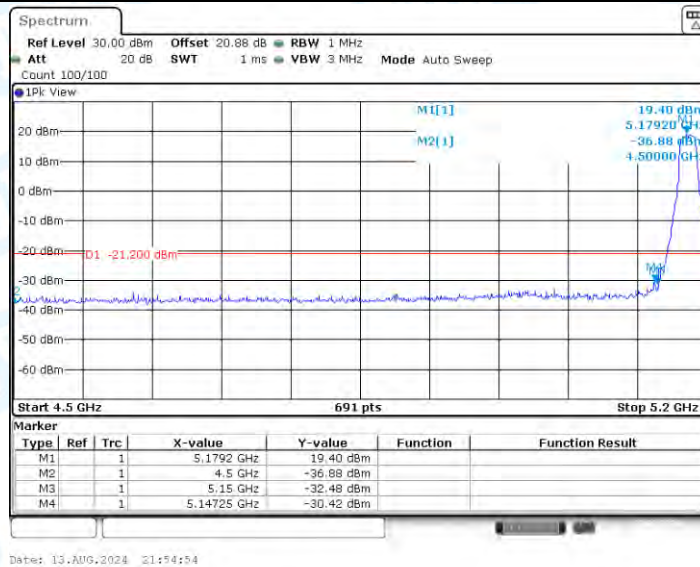
Note:

1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.
3. The Duty Cycle Factor is compensated in the graph.

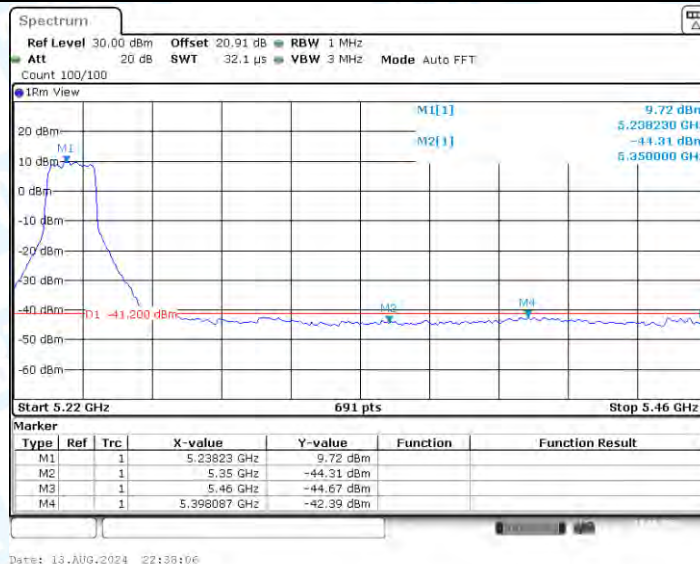
7.2. Test Graphs



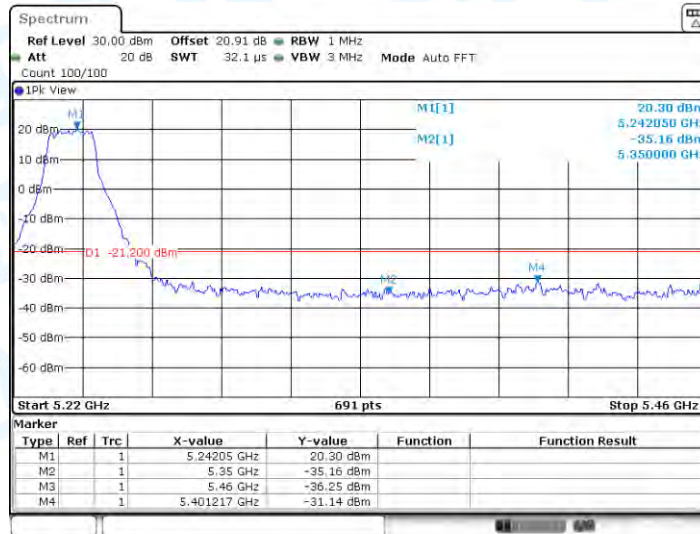
11A_Ant1_Low_5180_AV



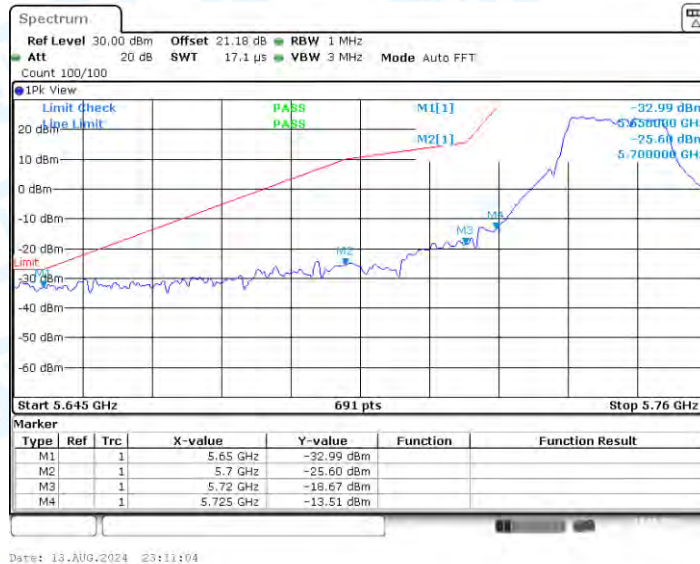
11A_Ant1_Low_5180_Peak



11A_Ant1_High_5240_AV



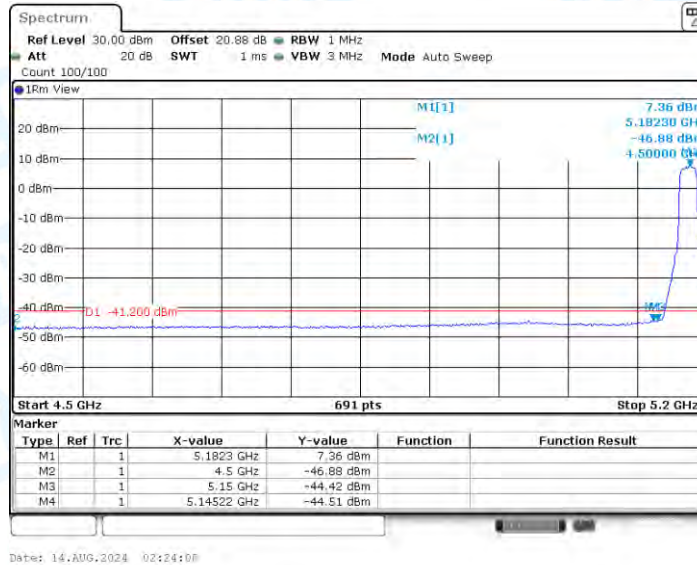
11A_Ant1_High_5240_Peak



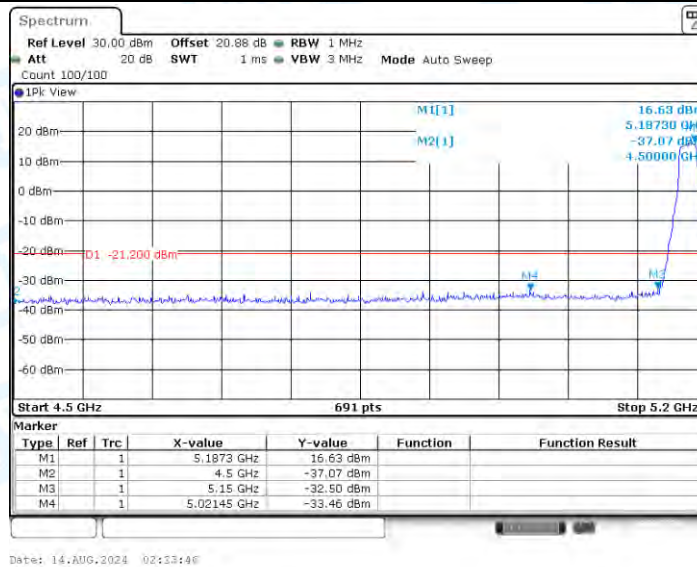
11A_Ant1_Low_5745_Peak



11A_Ant1_High_5825_Peak



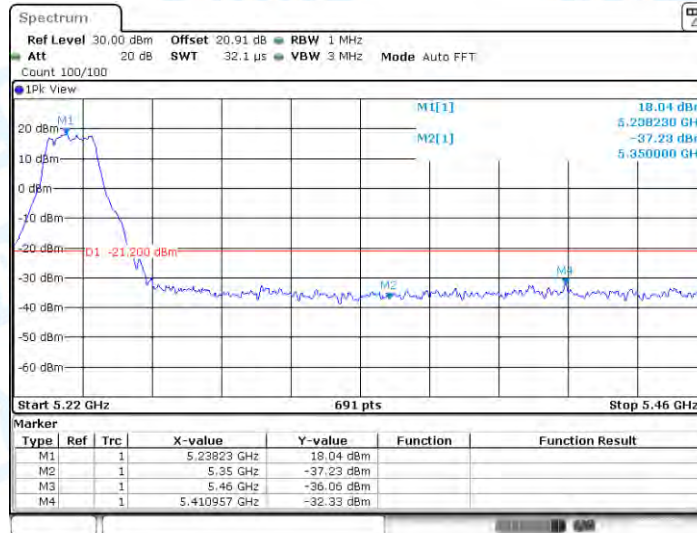
11N20SISO_Ant1_Low_5180_AV



11N20SISO_Ant1_Low_5180_Peak

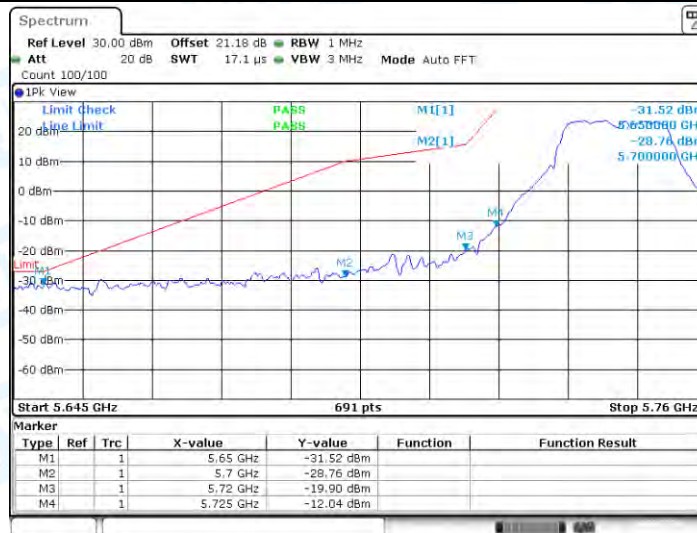


11N20SISO_Ant1_High_5240_AV



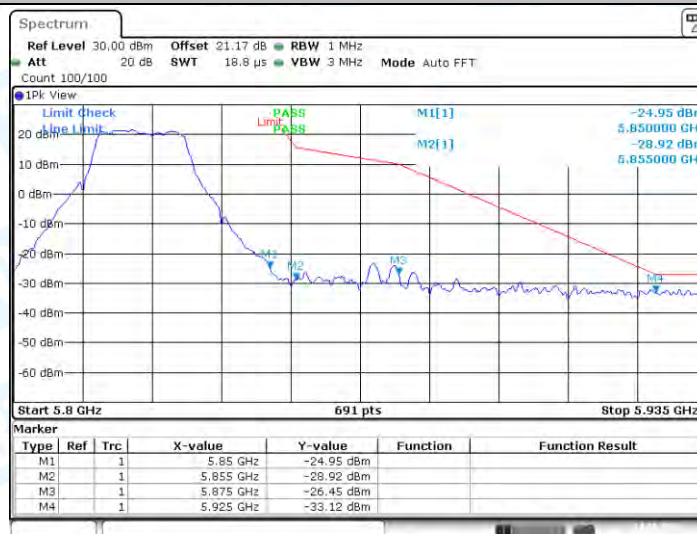
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11N20SISO_Ant1_High_5240_Peak



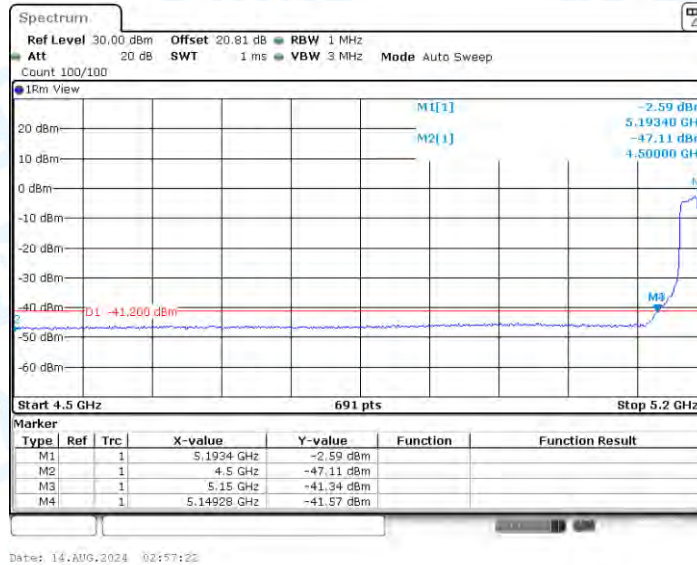
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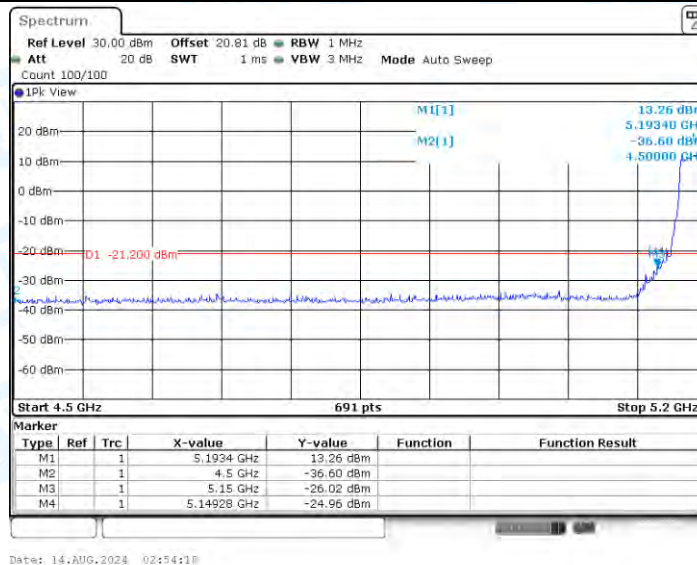


Date: 14.AUG.2024 02:46:26

11N20SISO_Ant1_High_5825_Peak



11N40SISO_Ant1_Low_5190_AV



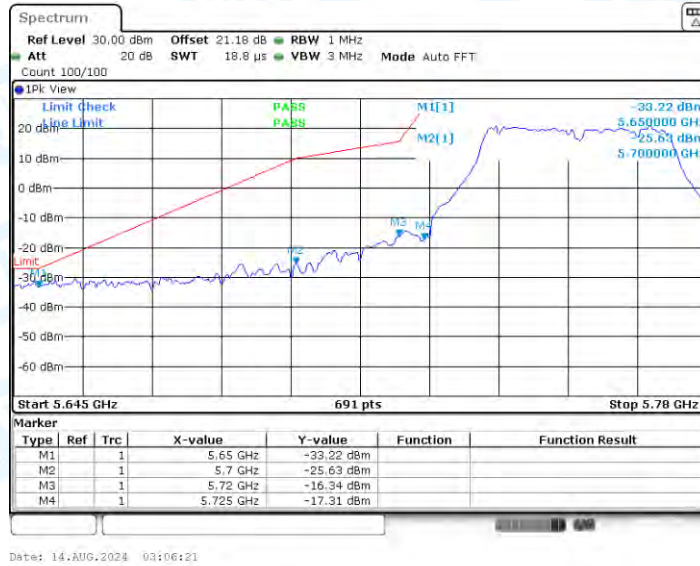
11N40SISO_Ant1_Low_5190_Peak



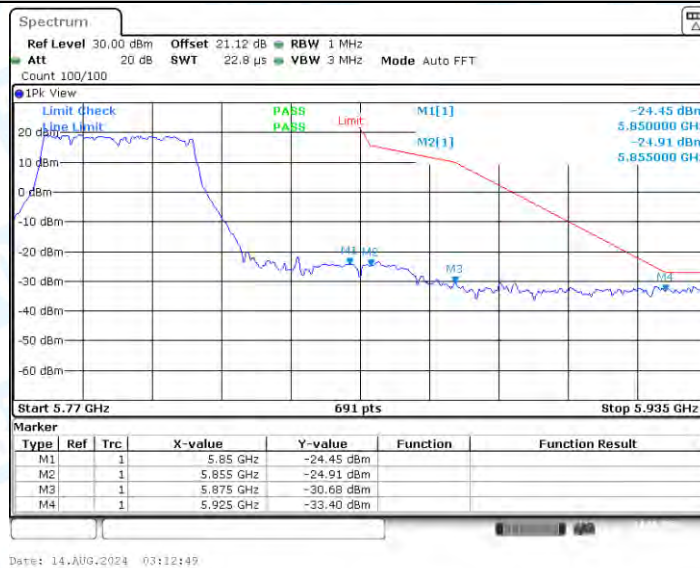
11N40SISO_Ant1_High_5230_AV



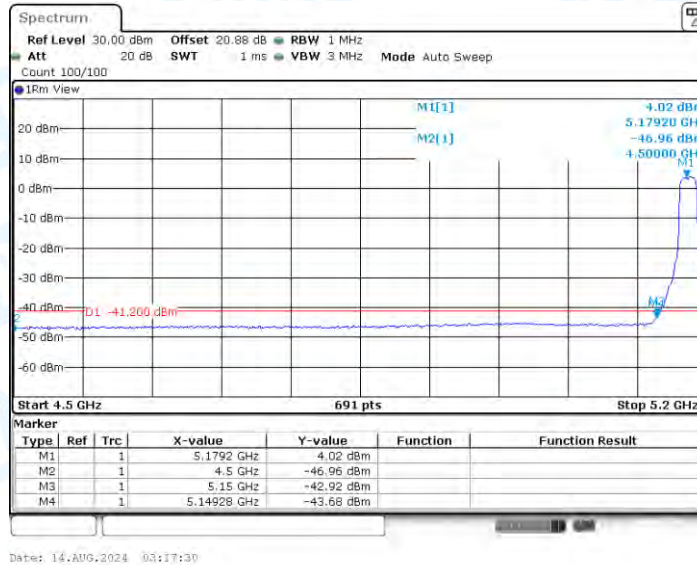
11N40SISO_Ant1_High_5230_Peak



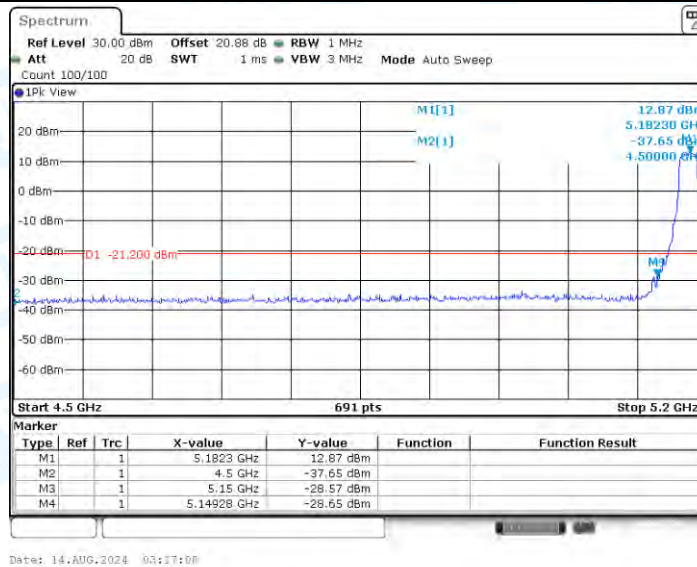
11N40SISO_Ant1_Low_5755_Peak



11N40SISO_Ant1_High_5795_Peak



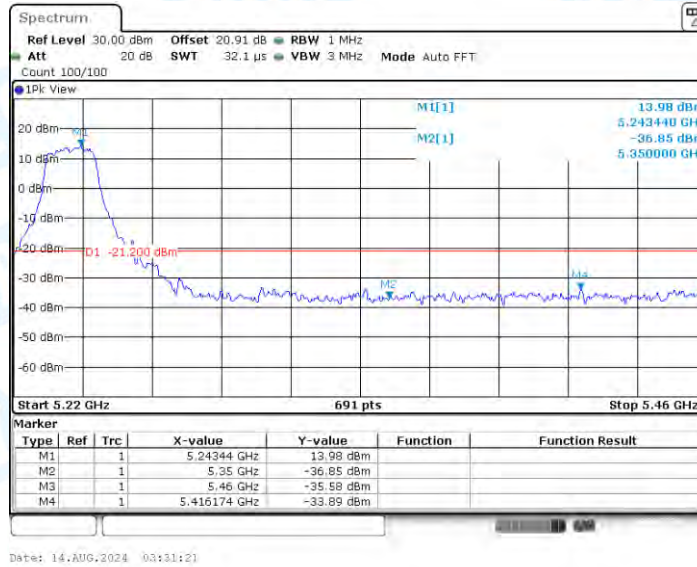
11AC20SISO_Ant1_Low_5180_AV



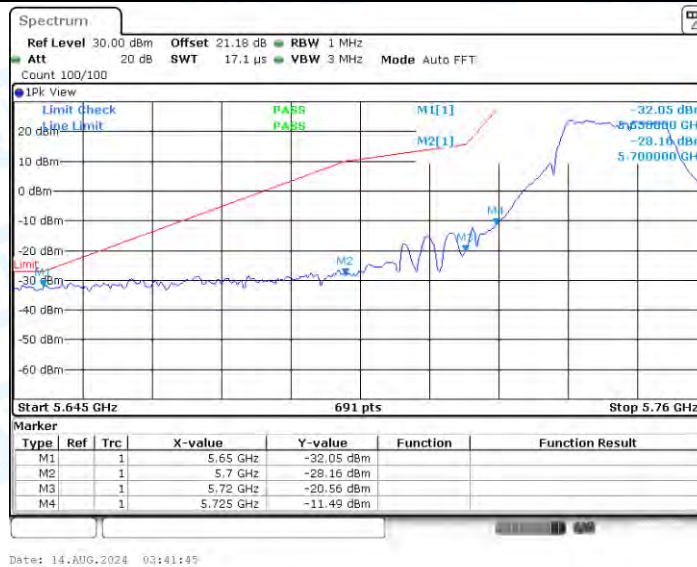
11AC20SISO_Ant1_Low_5180_Peak



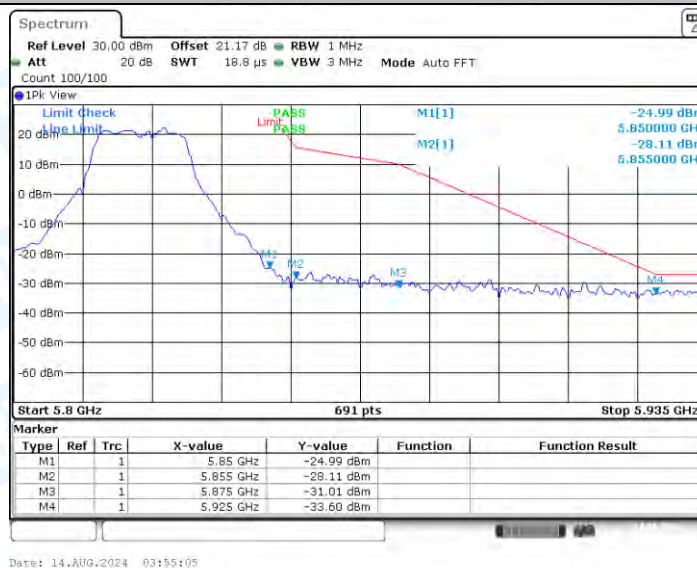
11AC20SISO_Ant1_High_5240_AV



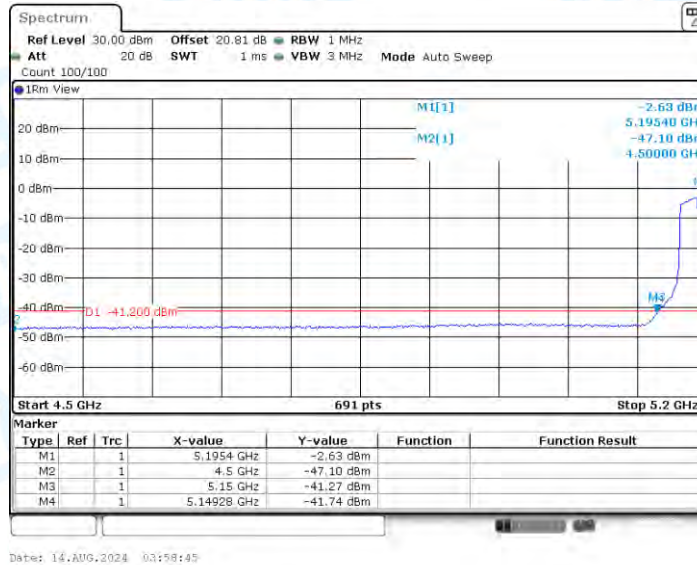
11AC20SISO_Ant1_High_5240_Peak



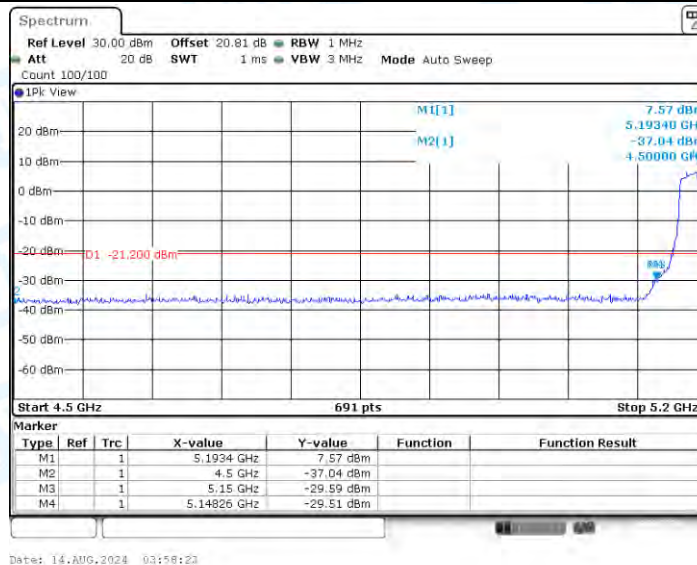
11AC20SISO_Ant1_Low_5745_Peak



11AC20SISO_Ant1_High_5825_Peak



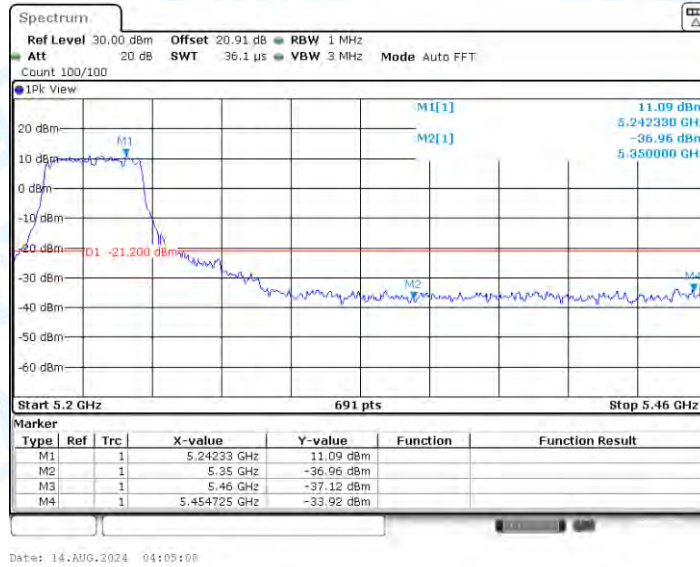
11AC40SISO_Ant1_Low_5190_AV



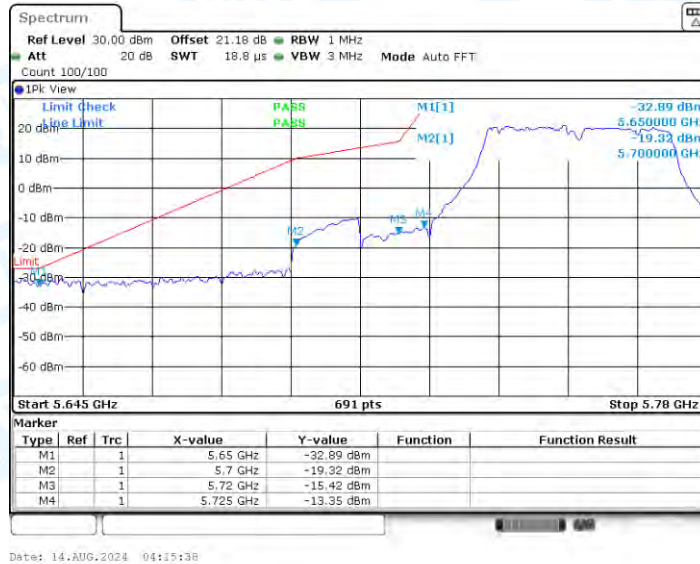
11AC40SISO_Ant1_Low_5190_Peak



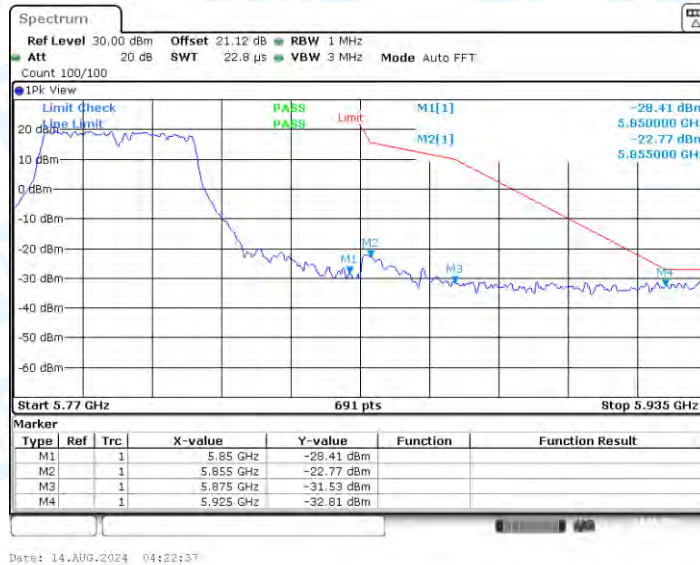
11AC40SISO_Ant1_High_5230_AV



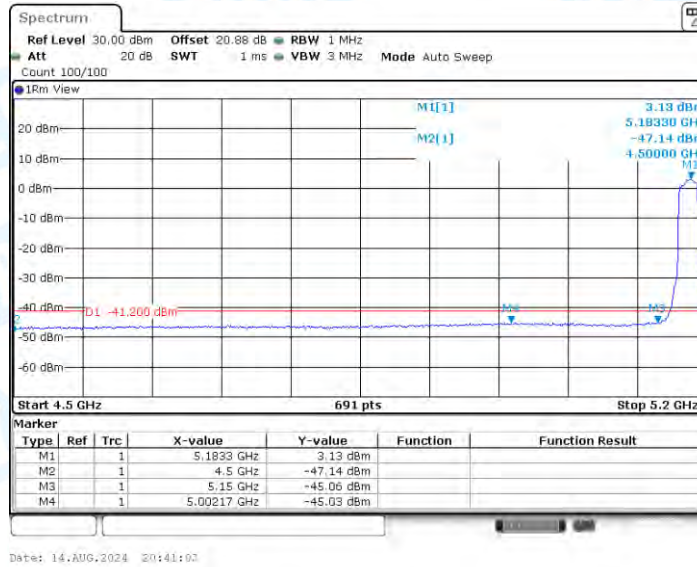
11AC40SISO_Ant1_High_5230_Peak



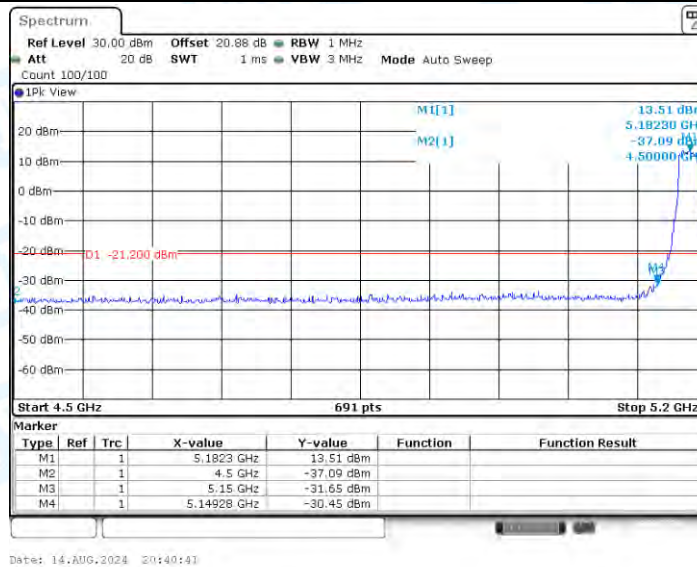
11AC40SISO_Ant1_Low_5755_Peak



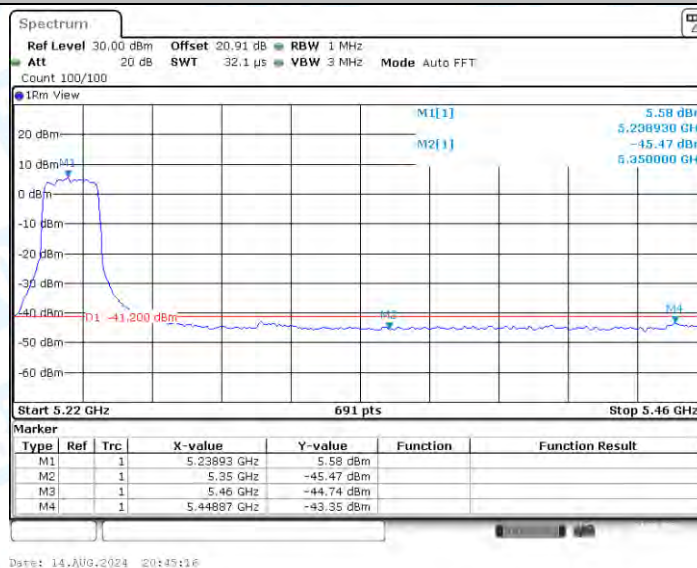
11AC40SISO_Ant1_High_5795_Peak



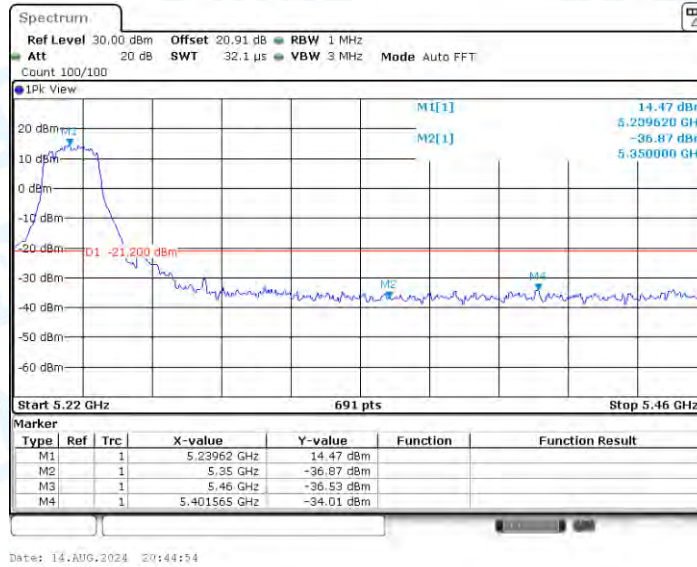
11AX20SISO_Ant1_Low_5180_AV



11AX20SISO_Ant1_Low_5180_Peak



11AX20SISO_Ant1_High_5240_AV



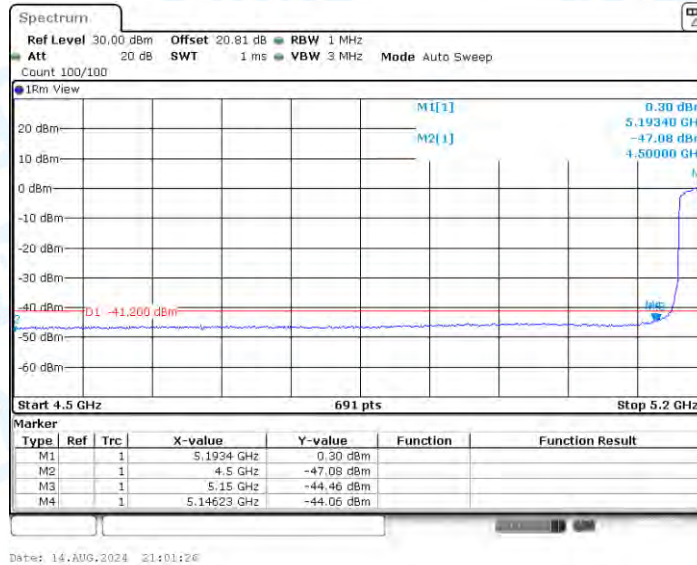
11AX20SISO_Ant1_High_5240_Peak



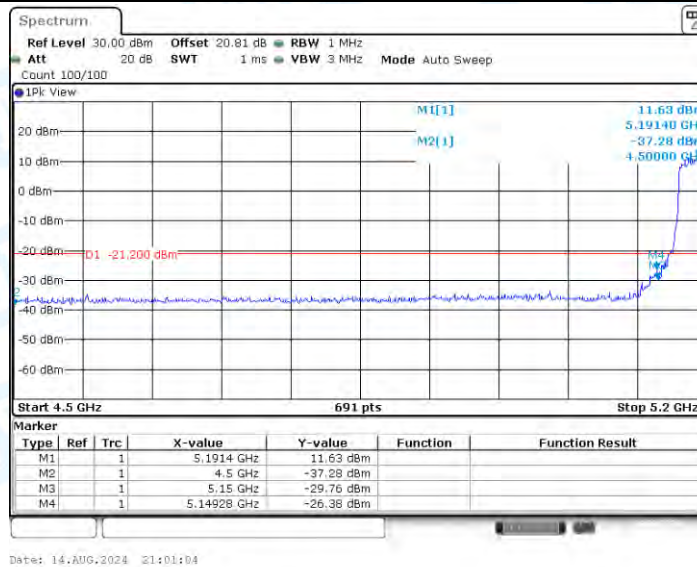
11AX20SISO_Ant1_Low_5745_Peak



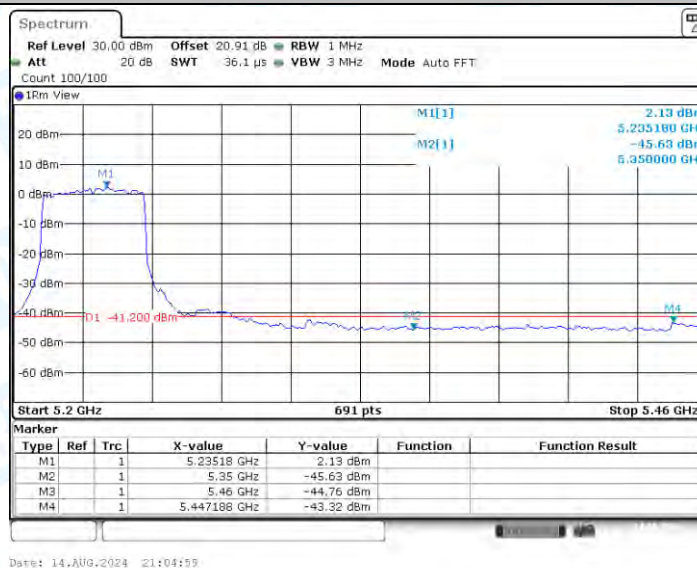
11AX20SISO_Ant1_High_5825_Peak



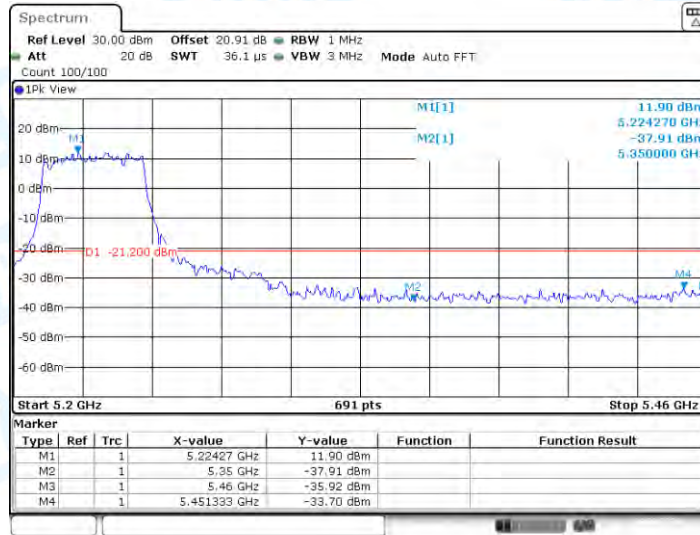
11AX40SISO_Ant1_Low_5190_AV



11AX40SISO_Ant1_Low_5190_Peak

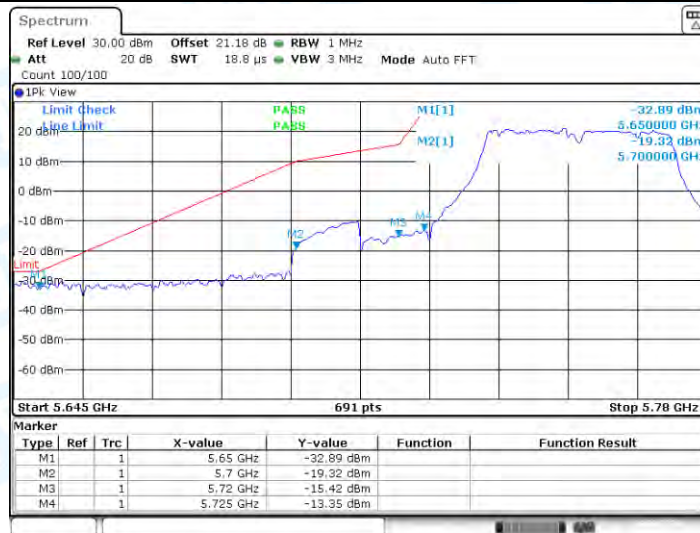


11AX40SISO_Ant1_High_5230_AV



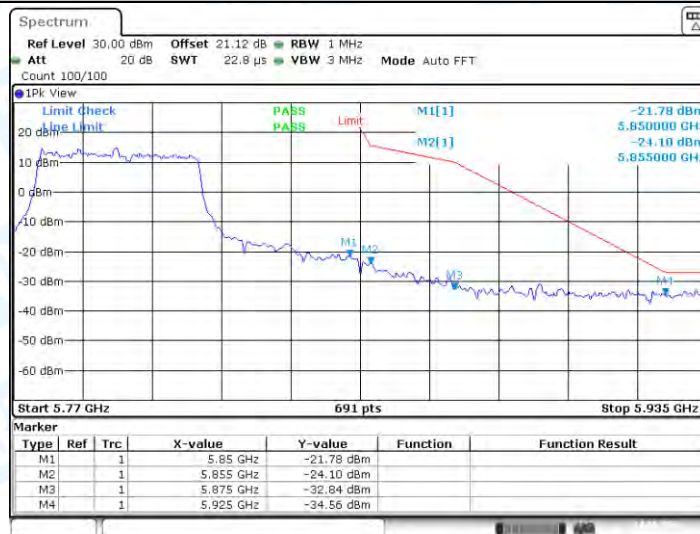
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11AX40SISO_Ant1_High_5230_Peak



Date: 14.AUG.2024 04:15:38

11AX40SISO_Ant1_Low_5755_Peak



Date: 14.AUG.2024 21:14:36

11AX40SISO_Ant1_High_5795_Peak

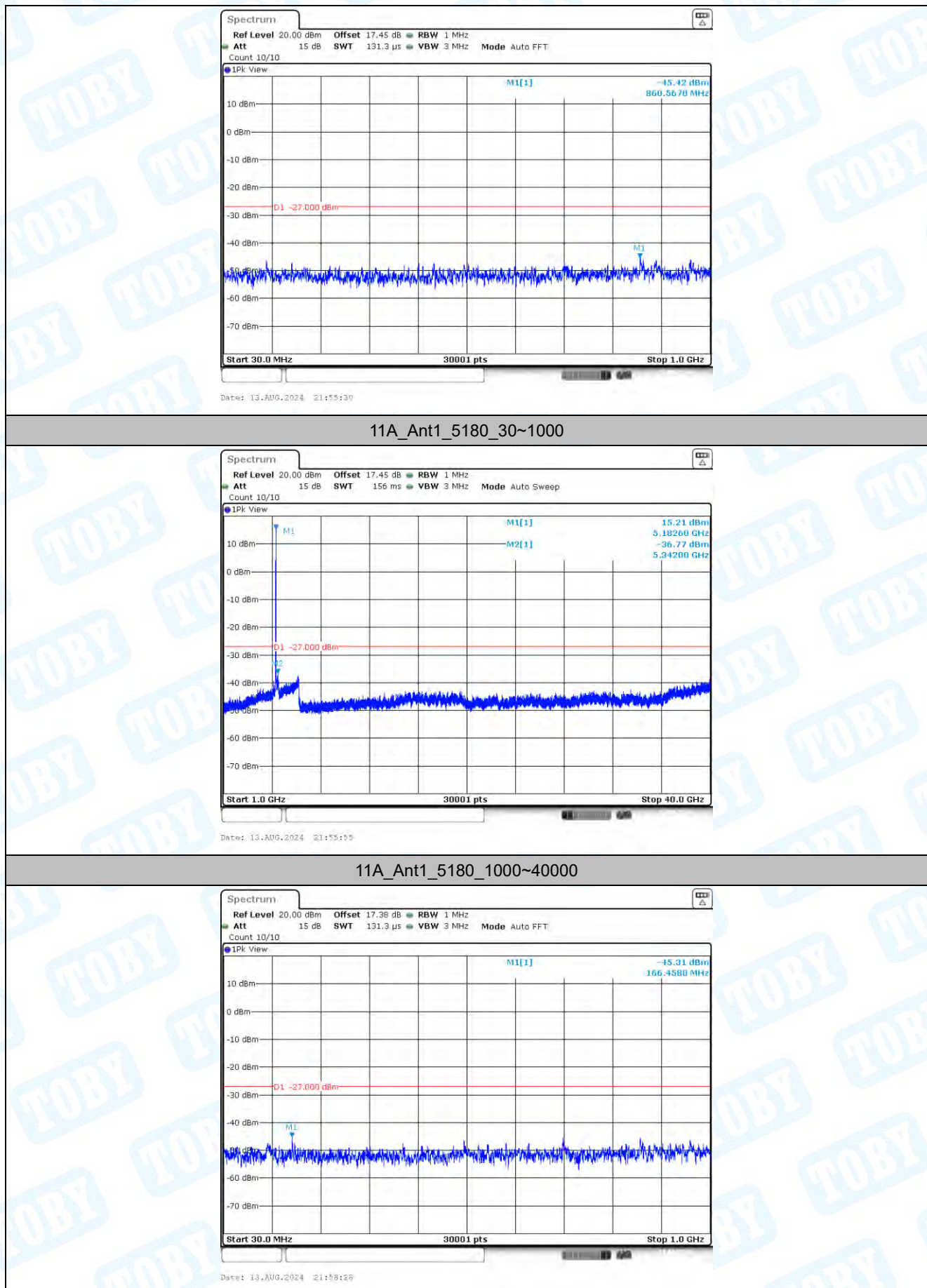
8. Conducted Spurious Emission

8.1. Test Result

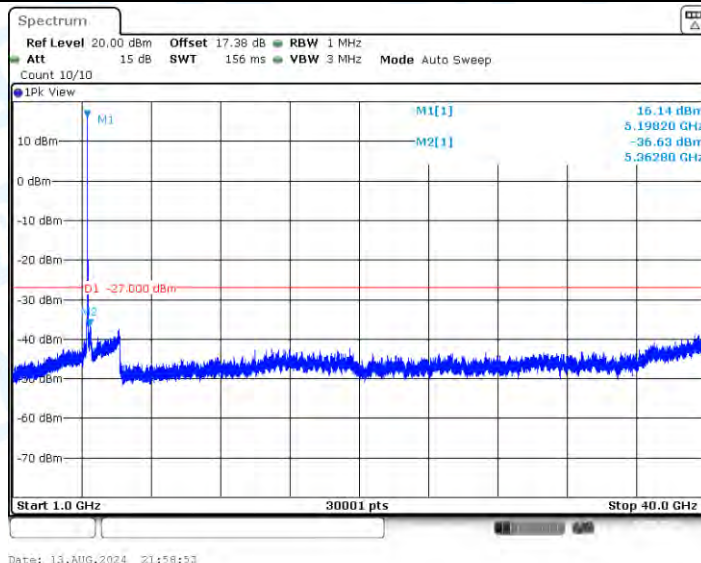
TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~1000	860.57	-45.42	≤-27	PASS
			1000~40000	5342	-36.77	≤-27	PASS
		5200	30~1000	166.46	-45.31	≤-27	PASS
			1000~40000	5362.8	-36.63	≤-27	PASS
		5240	30~1000	993	-46.03	≤-27	PASS
			1000~40000	5405.7	-35.83	≤-27	PASS
		5745	30~1000	183.89	-42.64	≤-27	PASS
			1000~40000	5906.2	-37.82	≤-27	PASS
		5785	30~1000	705.37	-44.07	≤-27	PASS
			1000~40000	6950.1	-38.07	≤-27	PASS
11N20SISO	Ant1	5180	30~1000	862.44	-43.56	≤-27	PASS
			1000~40000	6922.8	-37.59	≤-27	PASS
		5200	30~1000	712.45	-44.64	≤-27	PASS
			1000~40000	5366.7	-38.4	≤-27	PASS
		5240	30~1000	116.28	-45.25	≤-27	PASS
			1000~40000	6944.9	-37.65	≤-27	PASS
		5745	30~1000	706.5	-44.88	≤-27	PASS
			1000~40000	6950.1	-37.34	≤-27	PASS
		5785	30~1000	709.64	-44.23	≤-27	PASS
			1000~40000	6967	-37.96	≤-27	PASS
11N40SISO	Ant1	5190	30~1000	891.64	-45.16	≤-27	PASS
			1000~40000	6987.8	-38.27	≤-27	PASS
		5230	30~1000	891.61	-46.02	≤-27	PASS
			1000~40000	6925.4	-38.28	≤-27	PASS
		5755	30~1000	889.38	-44.08	≤-27	PASS
			1000~40000	6986.5	-37.92	≤-27	PASS
11AC20SISO	Ant1	5180	30~1000	862.48	-45.76	≤-27	PASS
			1000~40000	6842.2	-37.28	≤-27	PASS
		5200	30~1000	863.35	-44.27	≤-27	PASS
			1000~40000	6943.6	-37.8	≤-27	PASS
		5240	30~1000	860.89	-44.73	≤-27	PASS
			1000~40000	6967	-38.18	≤-27	PASS
		5745	30~1000	862.18	-43.27	≤-27	PASS
			1000~40000	6939.7	-38.17	≤-27	PASS
		5795	30~1000	959.21	-45.22	≤-27	PASS
			1000~40000	6939.7	-38.17	≤-27	PASS

		5785	1000~40000	6996.9	-37.94	≤-27	PASS
			30~1000	862.28	-42.72	≤-27	PASS
		5825	1000~40000	6946.2	-38.38	≤-27	PASS
			30~1000	860.11	-44.95	≤-27	PASS
11AC40SISO	Ant1	5190	1000~40000	6831.8	-37.95	≤-27	PASS
			30~1000	888.96	-43.89	≤-27	PASS
		5230	1000~40000	4151.2	-34.89	≤-27	PASS
			30~1000	706.05	-44.2	≤-27	PASS
		5755	1000~40000	6954	-37.89	≤-27	PASS
			30~1000	893.74	-44.05	≤-27	PASS
		5795	1000~40000	5915.3	-35.15	≤-27	PASS
			30~1000	864.77	-45.12	≤-27	PASS
		5795	1000~40000	6941	-38.04	≤-27	PASS
			30~1000	861.08	-44.41	≤-27	PASS
11AX20SISO	Ant1	5180	1000~40000	6973.5	-38.03	≤-27	PASS
			30~1000	860.41	-45.56	≤-27	PASS
		5200	1000~40000	6973.5	-37.48	≤-27	PASS
			30~1000	866.13	-45.83	≤-27	PASS
		5240	1000~40000	6954	-37.12	≤-27	PASS
			30~1000	860.99	-44.38	≤-27	PASS
		5745	1000~40000	6640.7	-37.96	≤-27	PASS
			30~1000	861.08	-44.41	≤-27	PASS
		5785	1000~40000	5702.1	-33.96	≤-27	PASS
			30~1000	890.25	-45.08	≤-27	PASS
11AX40SISO	Ant1	5190	1000~40000	6857.8	-37.34	≤-27	PASS
			30~1000	712.74	-44.81	≤-27	PASS
		5230	1000~40000	6983.9	-37.05	≤-27	PASS
			30~1000	864.87	-45.08	≤-27	PASS
		5755	1000~40000	5615	-34.8	≤-27	PASS
			30~1000	706.54	-45.25	≤-27	PASS
		5795	1000~40000	6708.3	-38.01	≤-27	PASS
			30~1000	116.44	-46	≤-27	PASS
		5795	1000~40000	6708.3	-38.01	≤-27	PASS
			30~1000	116.44	-46	≤-27	PASS

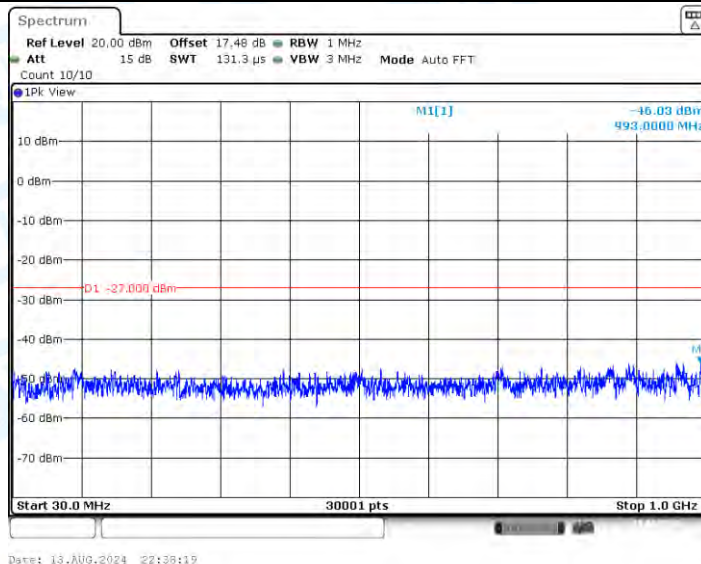
8.2. Test Graphs



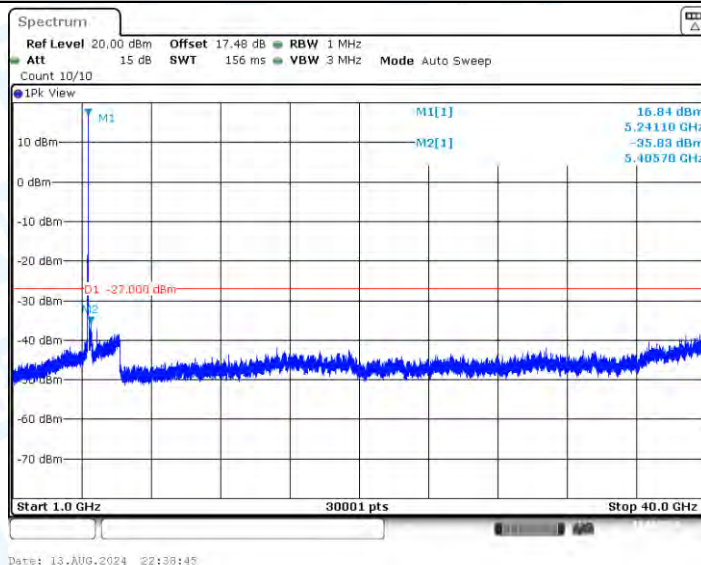
11A_Ant1_5200_30~1000



11A_Ant1_5200_1000~40000



11A_Ant1_5240_30~1000



11A_Ant1_5240_1000~40000