

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

General Description of EUT	
Product Name:	Smart Home Security Camera
Test Model:	K04
Sample ID:	HC-C-202405-0062-01-01
Environmental Conditions	
Temperature:	24.2 °C
Relative Humidity:	50%
Test Voltage:	DC 5V
Test Engineer:	Jolin Lee
Note: For a more detailed features description, please refer to the report TBR-C-202405-0062-12.	

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.....	79
8.1. Test Result.....	79
8.2. Test Graphs	81
9. Frequency Stability	105
9.1. Test Result.....	105
10. Duty Cycle	107
10.1. Test Result.....	107
10.2. Test Graphs.....	108

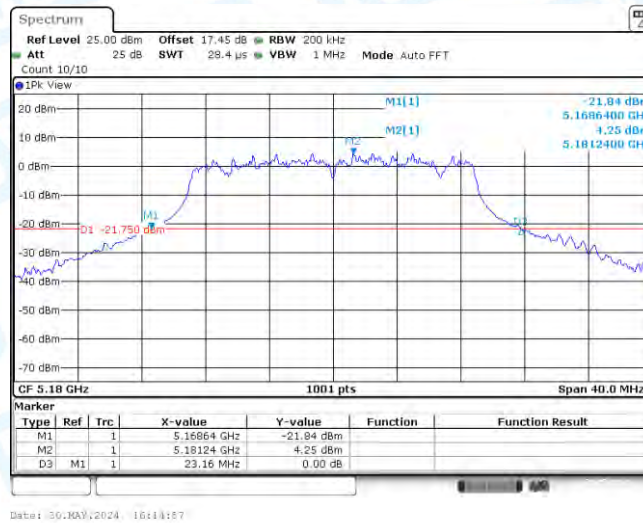
1. Emission Bandwidth

1.1. Test Result

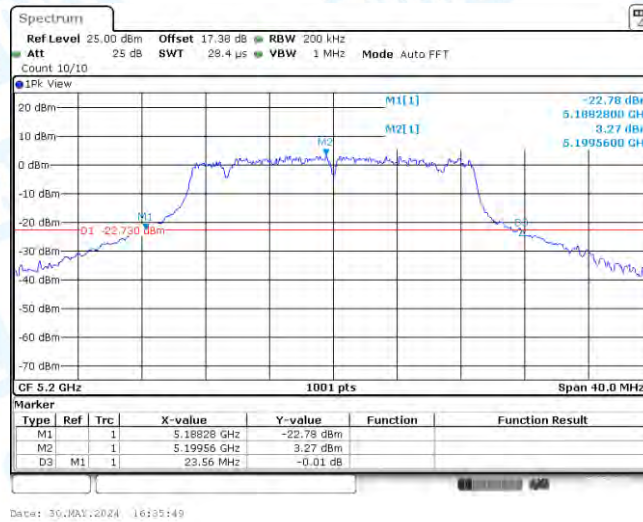
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.16	5168.64	5191.80	---	---
		5200	23.56	5188.28	5211.84	---	---
		5240	23.36	5228.32	5251.68	---	---
11N20SISO	Ant1	5180	24.24	5168.24	5192.48	---	---
		5200	25.40	5187.32	5212.72	---	---
		5240	25.44	5227.68	5253.12	---	---
11N40SISO	Ant1	5190	45.12	5167.28	5212.40	---	---
		5230	41.52	5190.00	5231.52	---	---
11AC20SISO	Ant1	5180	23.60	5168.52	5192.12	---	---
		5200	24.04	5187.92	5211.96	---	---
		5240	23.72	5228.40	5252.12	---	---
11AC40SISO	Ant1	5190	44.88	5167.20	5212.08	---	---
		5230	44.00	5209.52	5253.52	---	---
11AX20SISO	Ant1	5180	22.96	5168.36	5191.32	---	---
		5200	24.16	5187.96	5212.12	---	---
		5240	22.36	5228.52	5250.88	---	---
11AX40SISO	Ant1	5190	41.92	5169.36	5211.28	---	---
		5230	45.44	5208.24	5253.68	---	---

2.1.Test Graphs

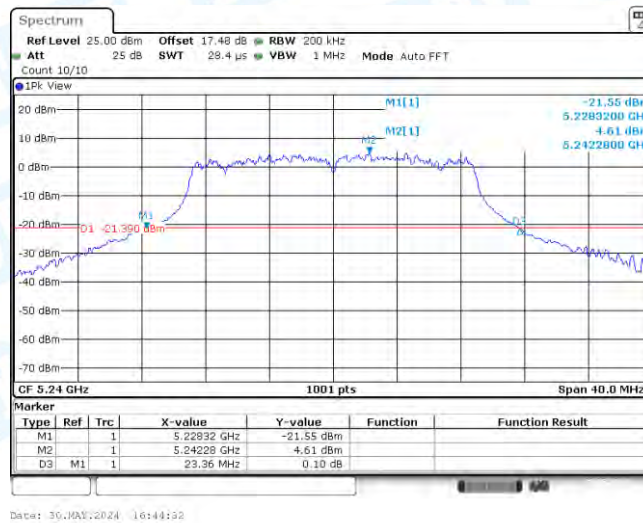
11A_Ant1_5180



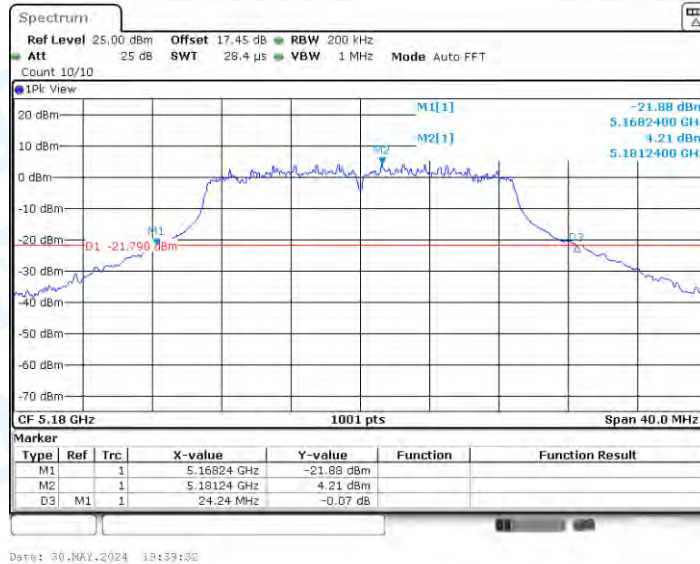
11A_Ant1_5200



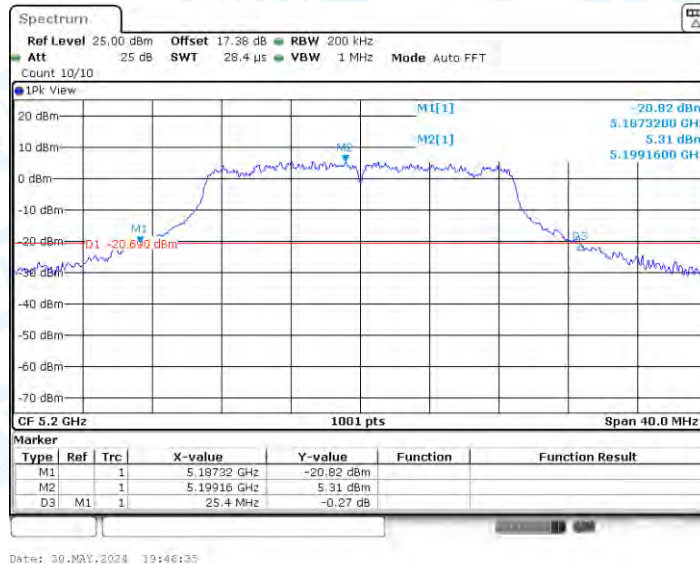
11A_Ant1_5240



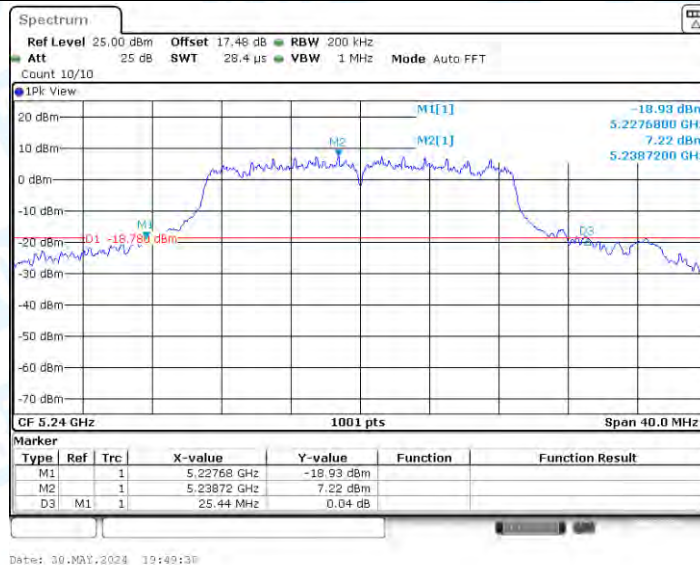
11N20SISO_Ant1_5180



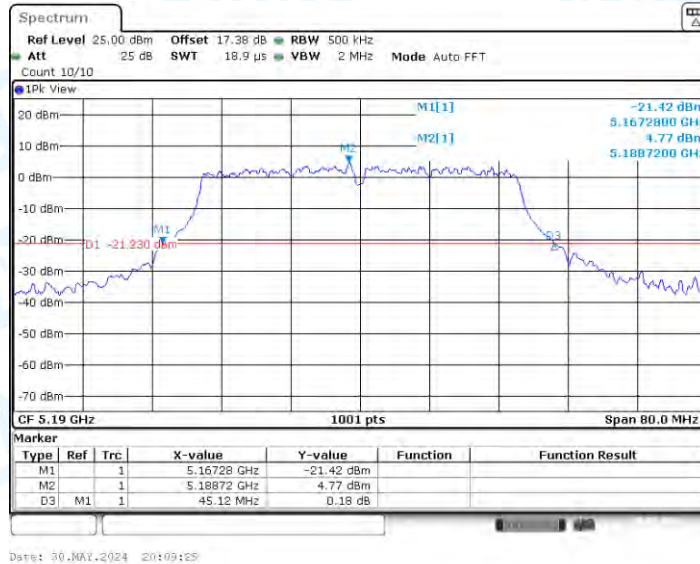
11N20SISO_Ant1_5200



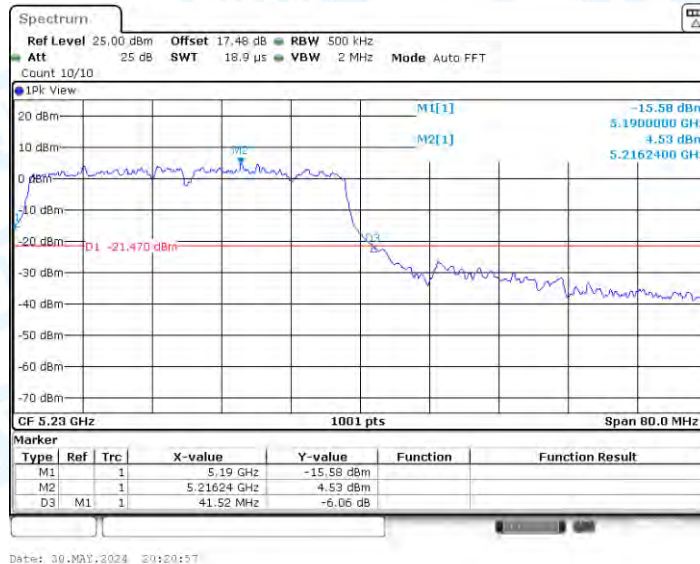
11N20SISO_Ant1_5240



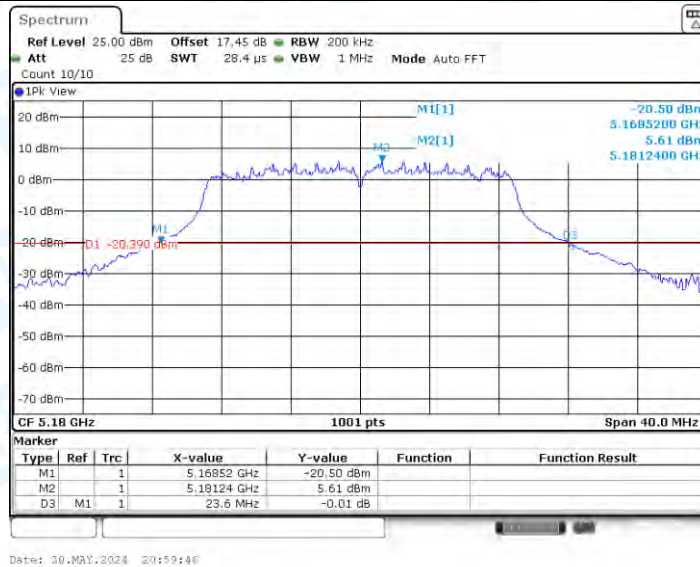
11N40SISO_Ant1_5190



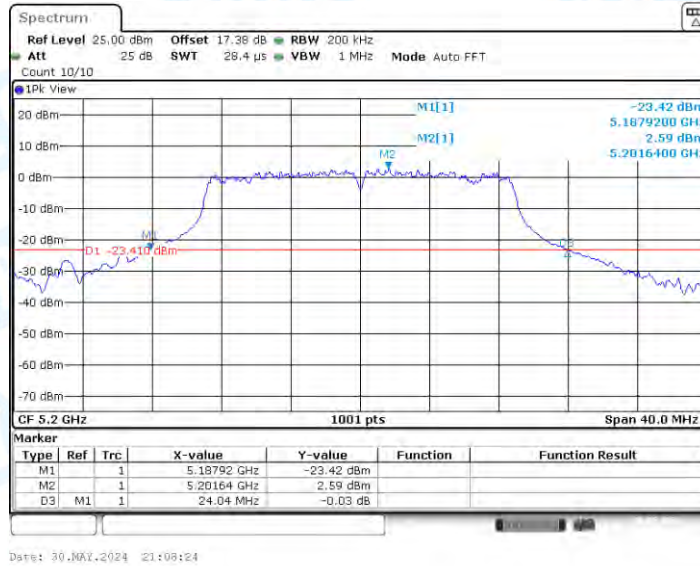
11N40SISO_Ant1_5230



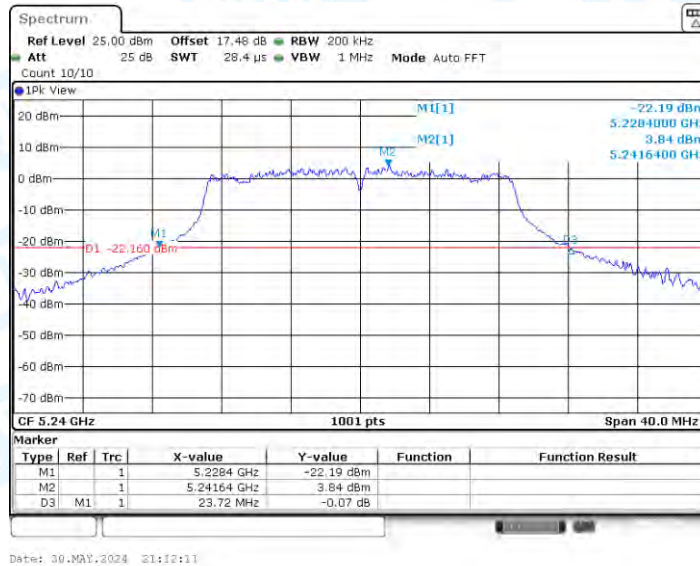
11AC20SISO_Ant1_5180



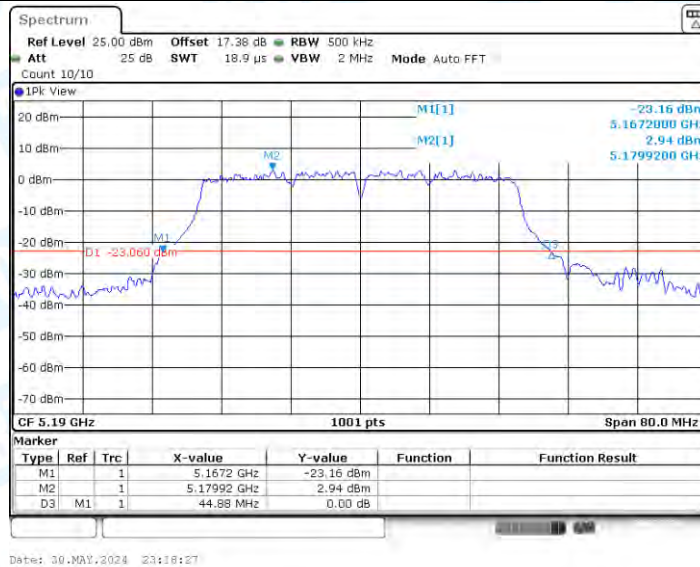
11AC20SISO_Ant1_5200



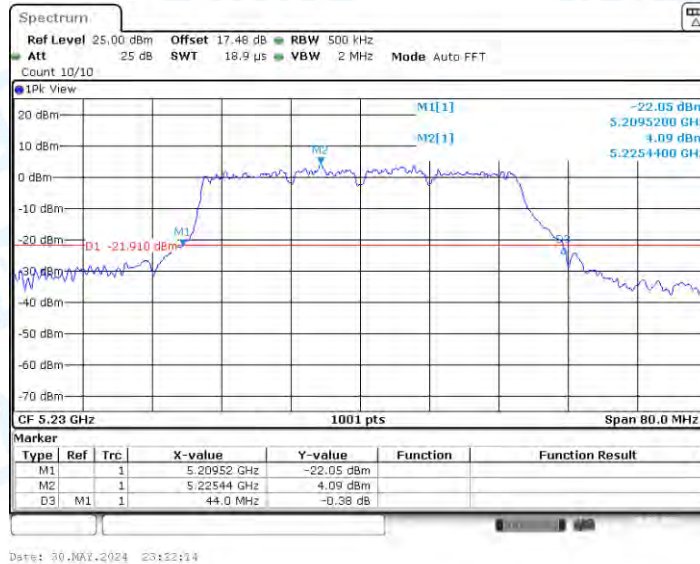
11AC20SISO_Ant1_5240



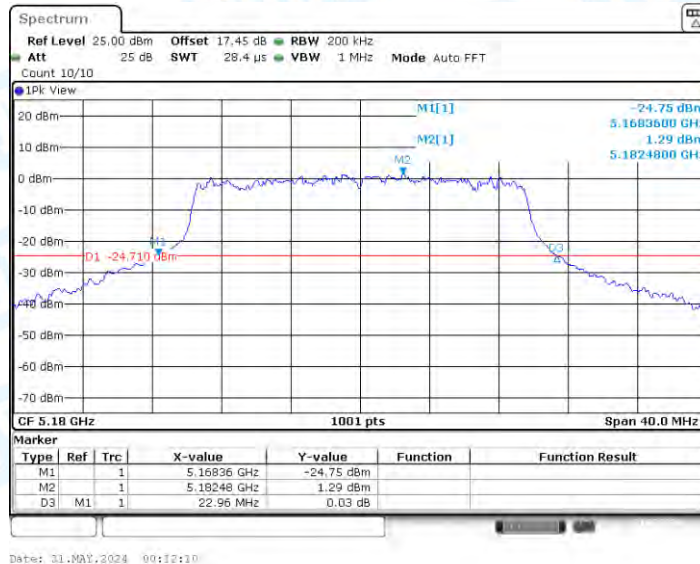
11AC40SISO_Ant1_5190



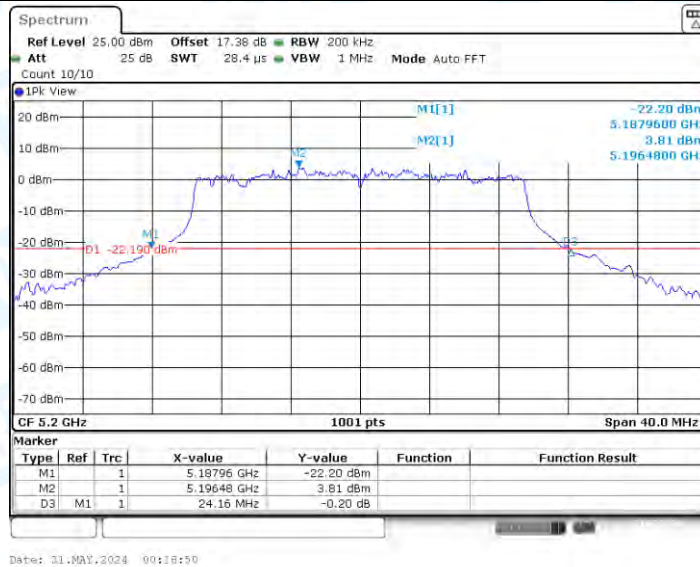
11AC40SISO_Ant1_5230



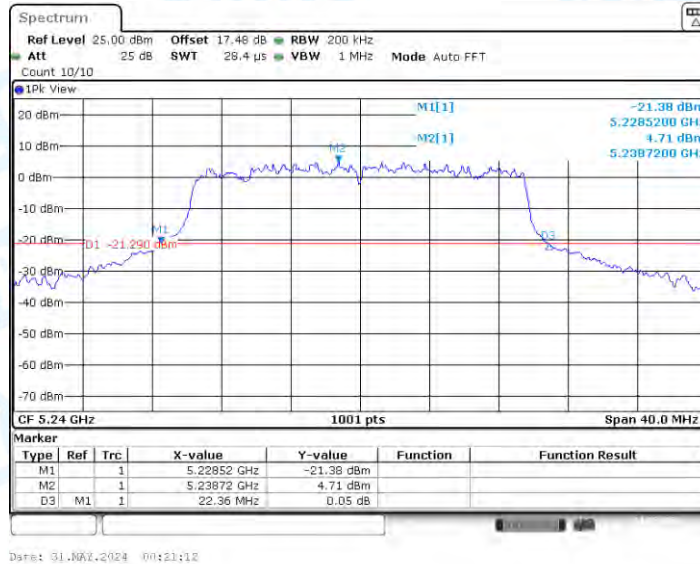
11AX20SISO_Ant1_5180



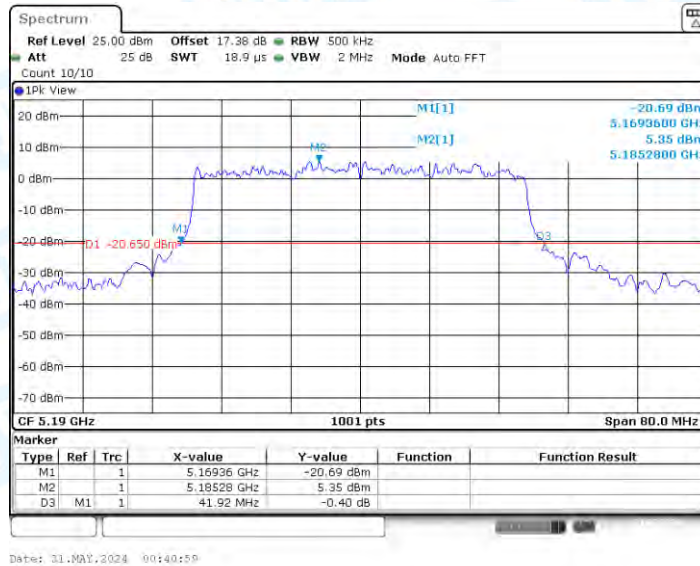
11AX20SISO_Ant1_5200



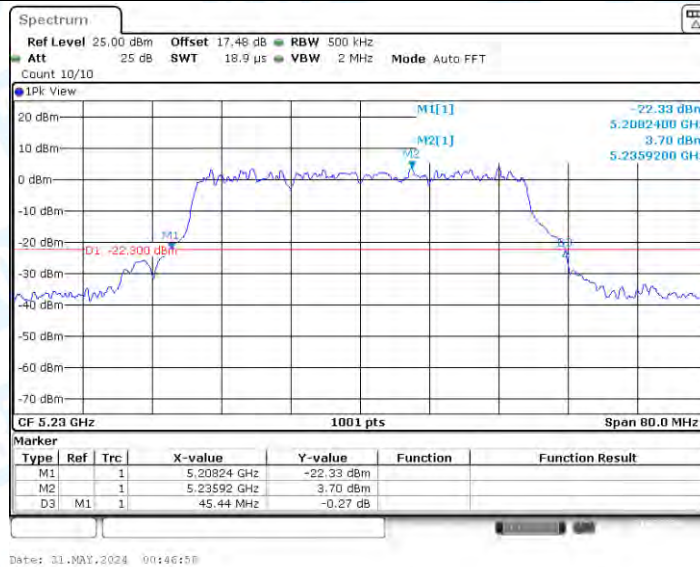
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



2. Occupied channel bandwidth

2.1. Test Result

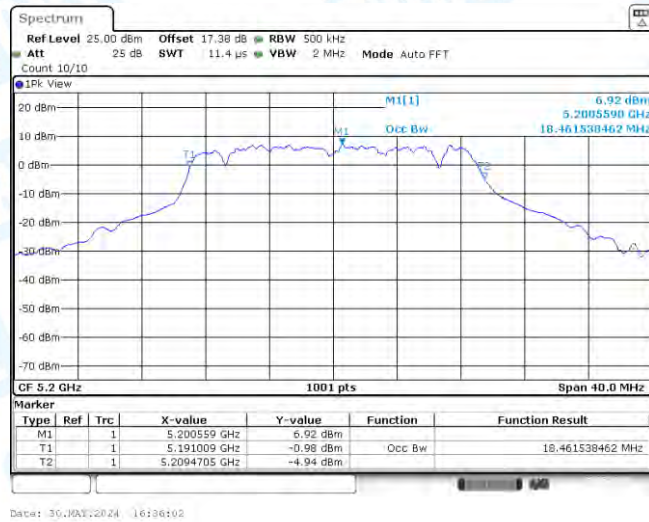
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.342	5170.6494	5188.9910	---	---
		5200	18.462	5191.0090	5209.4705	---	---
		5240	18.661	5230.9291	5249.5904	---	---
		5745	18.981	5735.8092	5754.7902	---	---
		5785	18.941	5775.8092	5794.7502	---	---
		5825	18.701	5815.7293	5834.4306	---	---
11N20SISO	Ant1	5180	18.541	5170.7692	5189.3107	---	---
		5200	18.821	5190.6094	5209.4306	---	---
		5240	18.621	5230.6094	5249.2308	---	---
		5745	20.02	5735.0500	5755.0699	---	---
		5785	18.661	5775.5694	5794.2308	---	---
		5825	18.981	5815.2098	5834.1908	---	---
11N40SISO	Ant1	5190	36.923	5171.4585	5208.3816	---	---
		5230	37.083	5211.6184	5248.7013	---	---
		5755	36.683	5736.7782	5773.4615	---	---
		5795	37.562	5776.1389	5813.7013	---	---
11AC20SISO	Ant1	5180	18.661	5170.8492	5189.5105	---	---
		5200	18.621	5190.6094	5209.2308	---	---
		5240	18.821	5230.6094	5249.4306	---	---
		5745	19.54	5735.0100	5754.5504	---	---
		5785	18.861	5775.6094	5794.4705	---	---
		5825	19.58	5815.1299	5834.7103	---	---
11AC40SISO	Ant1	5190	37.003	5171.6184	5208.6214	---	---
		5230	37.562	5211.2987	5248.8611	---	---
		5755	37.083	5736.5385	5773.6214	---	---
		5795	37.003	5776.3786	5813.3816	---	---
11AX20SISO	Ant1	5180	19.62	5169.9301	5189.5504	---	---
		5200	19.54	5190.2498	5209.7902	---	---
		5240	20.26	5229.8501	5250.1099	---	---
		5745	19.62	5735.2498	5754.8701	---	---
		5785	19.461	5775.2098	5794.6703	---	---
		5825	20.1	5815.1299	5835.2298	---	---
11AX40SISO	Ant1	5190	38.122	5171.0589	5209.1808	---	---
		5230	37.962	5211.0589	5249.0210	---	---
		5755	38.442	5735.7393	5774.1808	---	---
		5795	38.202	5775.8991	5814.1009	---	---

2.2. Test Graphs

11A_Ant1_5180



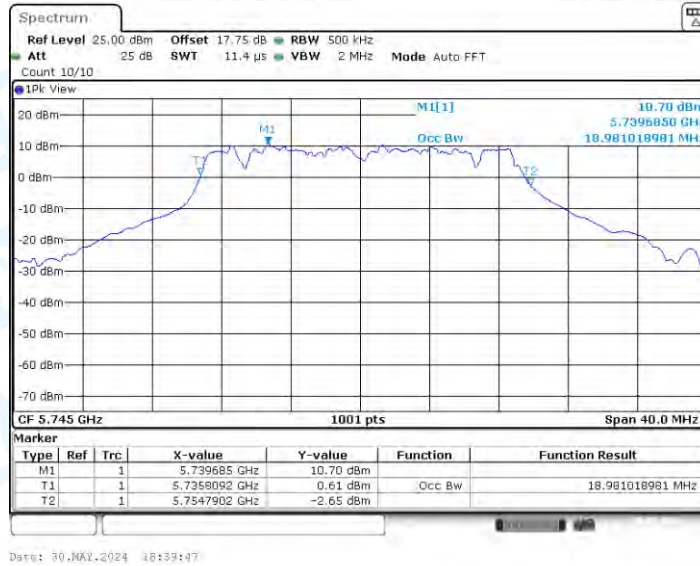
11A_Ant1_5200



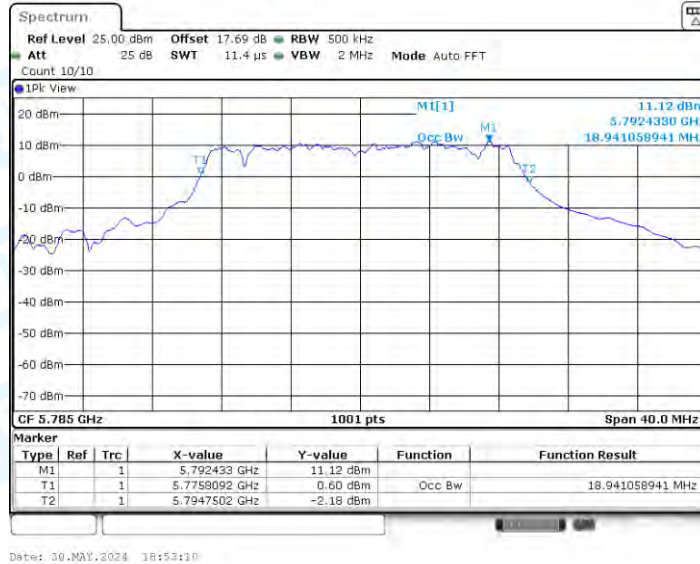
11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



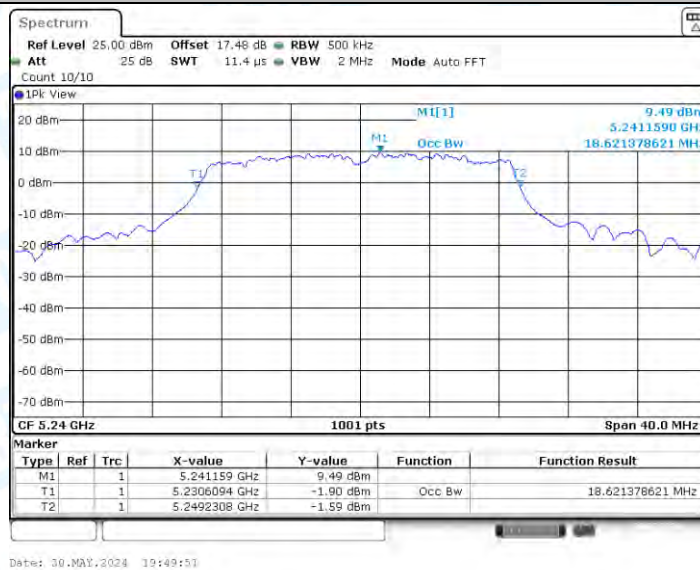
11N20SISO_Ant1_5180



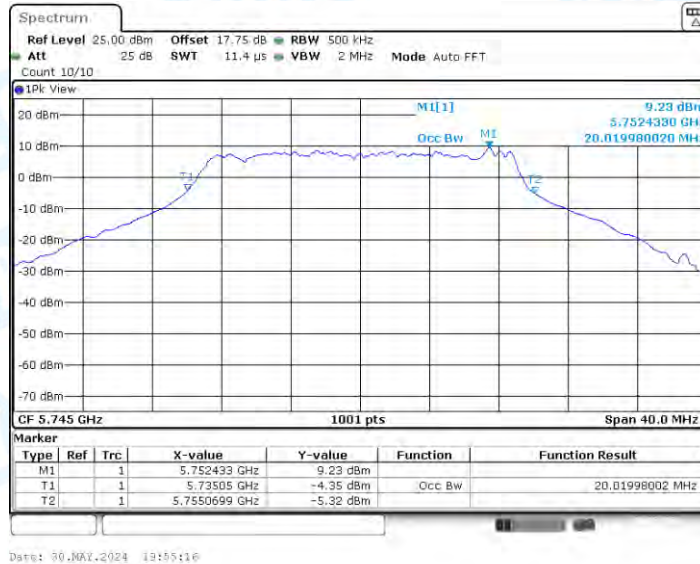
11N20SISO_Ant1_5200



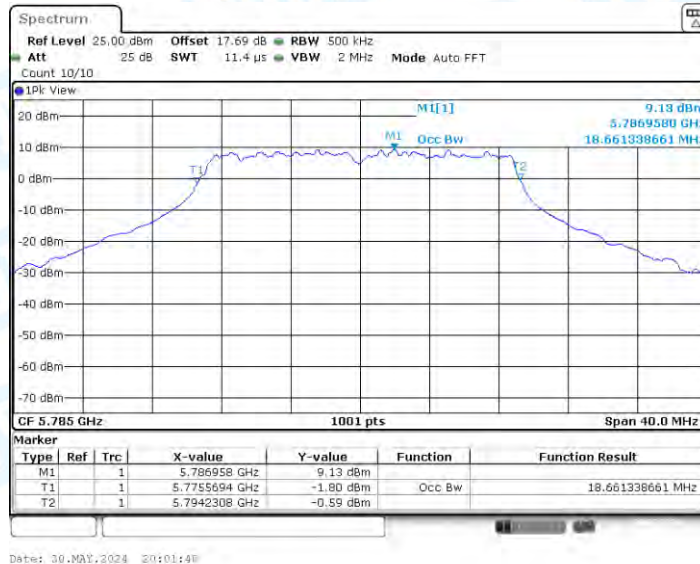
11N20SISO_Ant1_5240



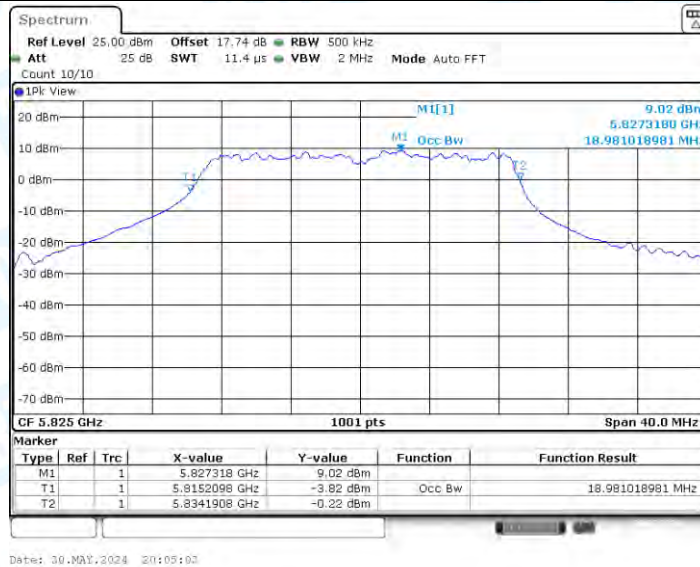
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



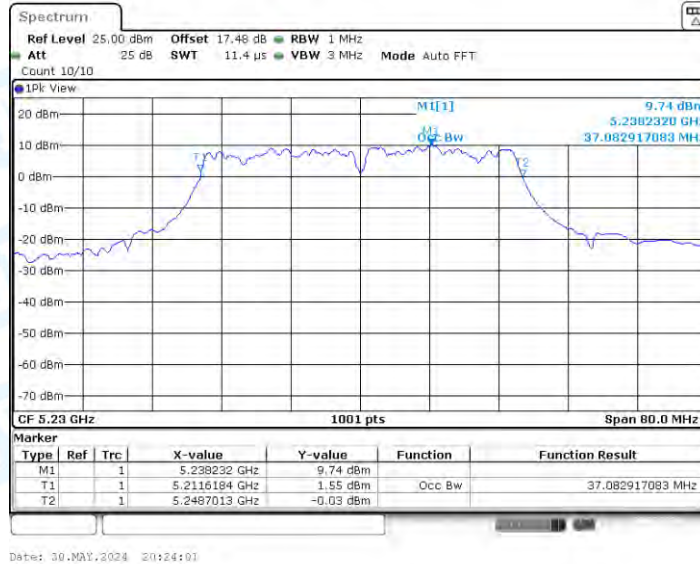
11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



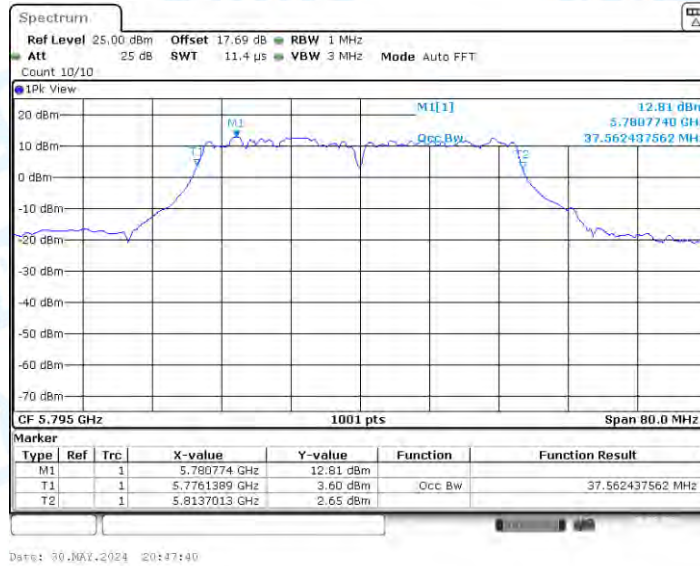
11N40SISO_Ant1_5230



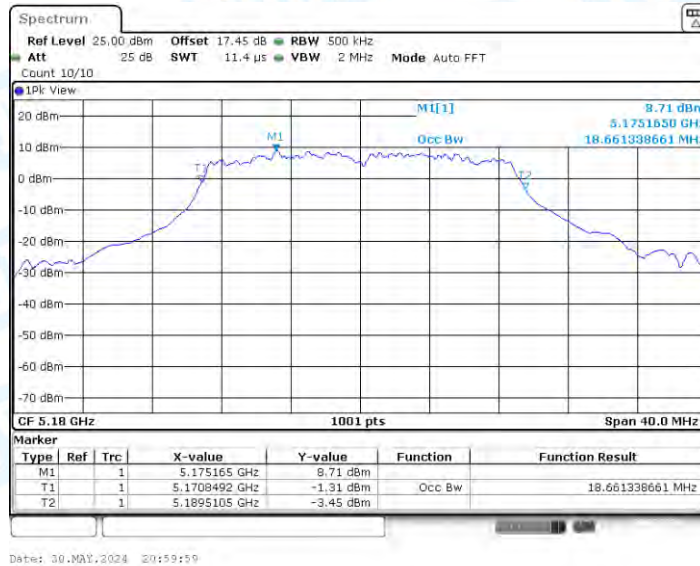
11N40SISO_Ant1_5755



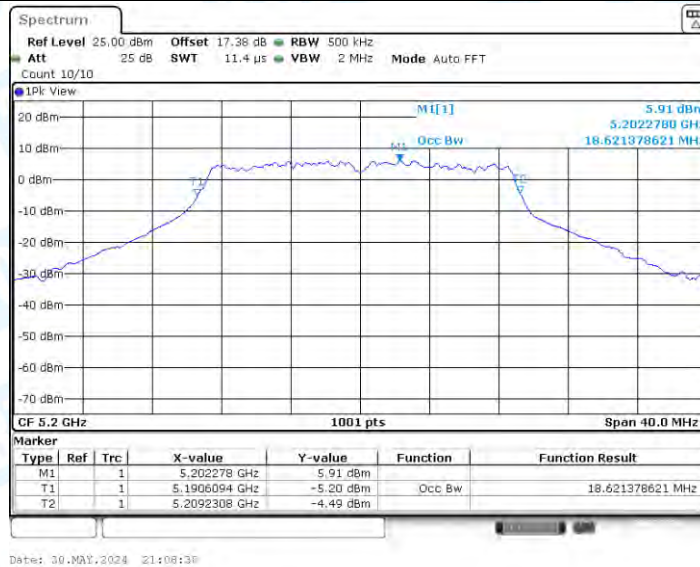
11N40SISO_Ant1_5795



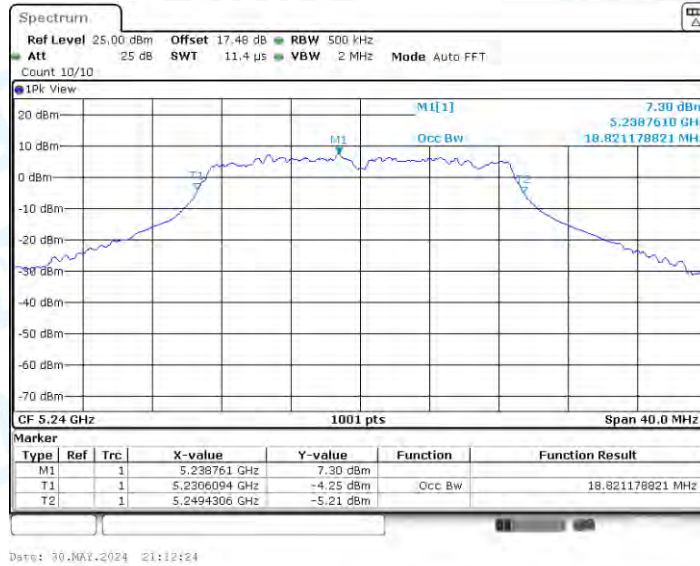
11AC20SISO_Ant1_5180



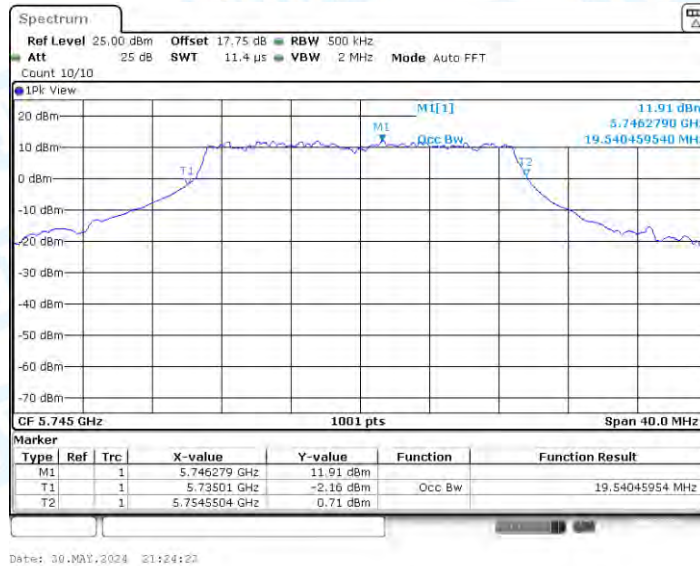
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



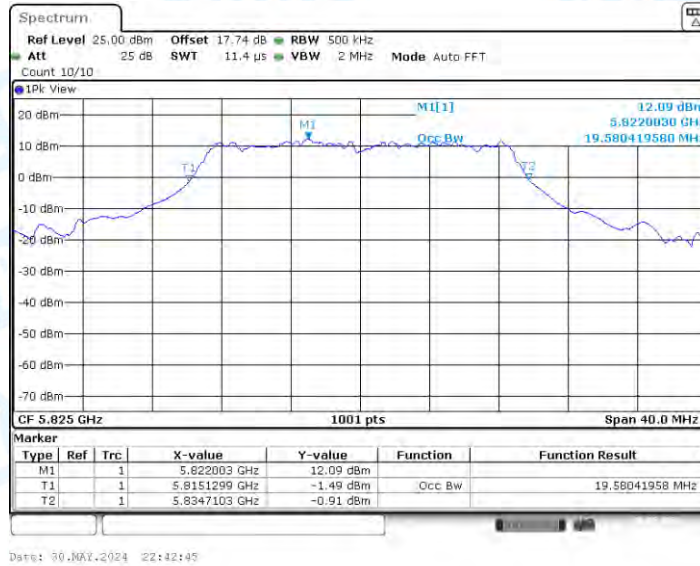
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



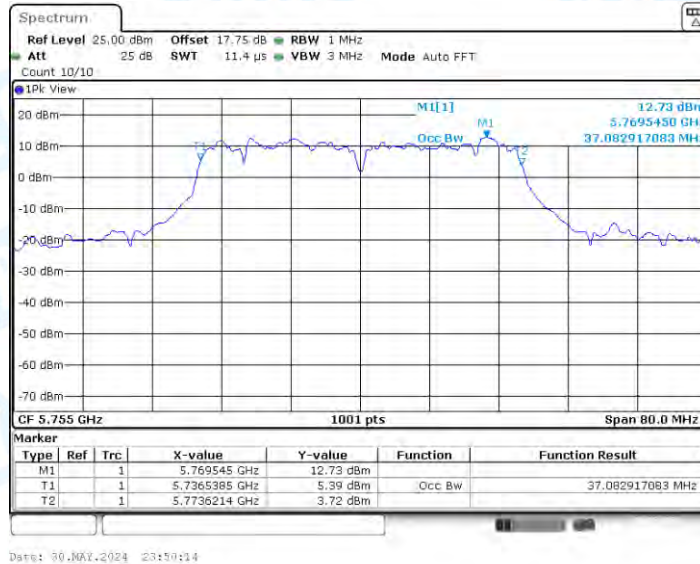
11AC40SISO_Ant1_5190



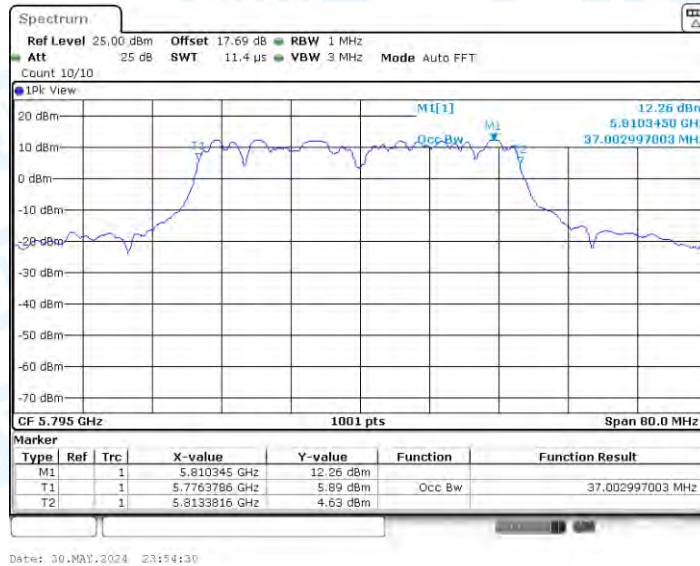
11AC40SISO_Ant1_5230



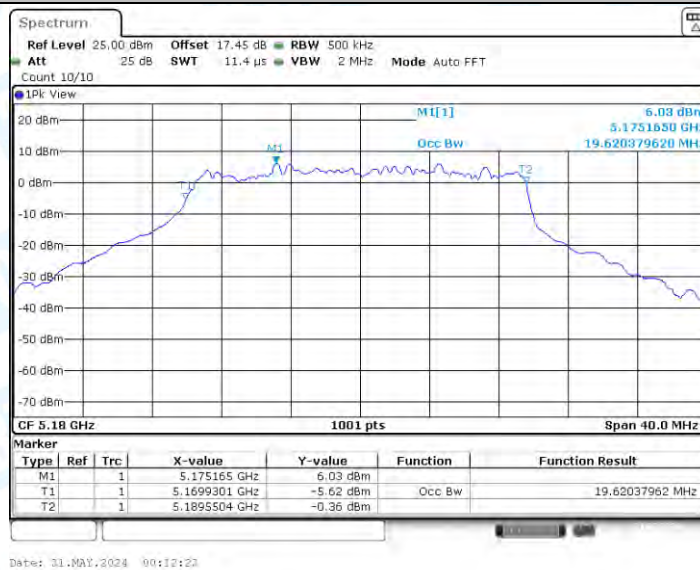
11AC40SISO_Ant1_5755



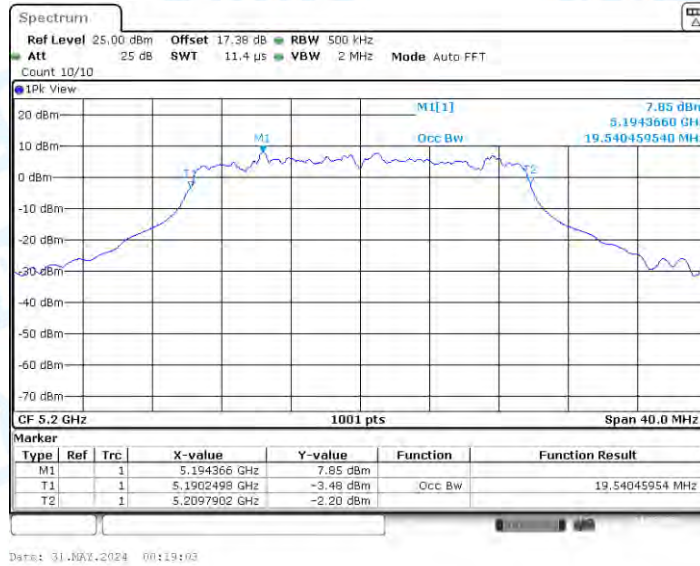
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



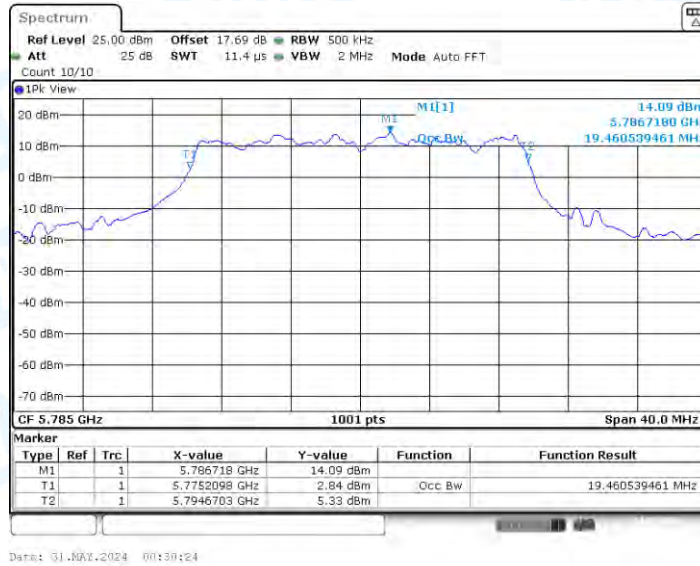
11AX20SISO_Ant1_5240



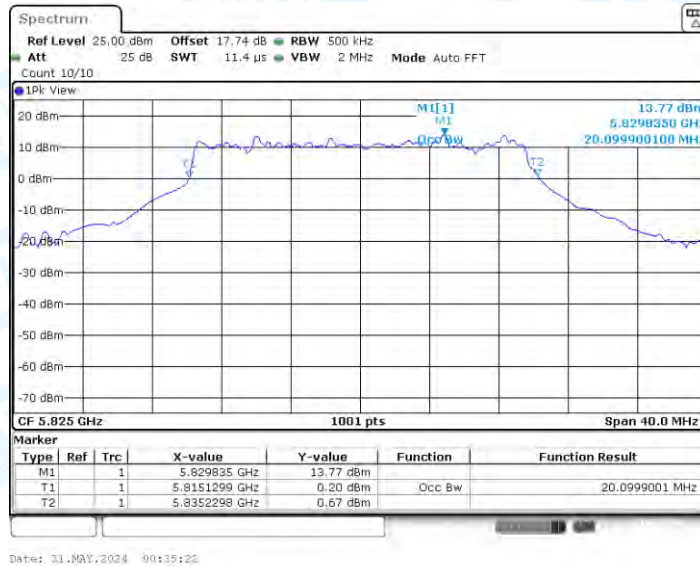
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



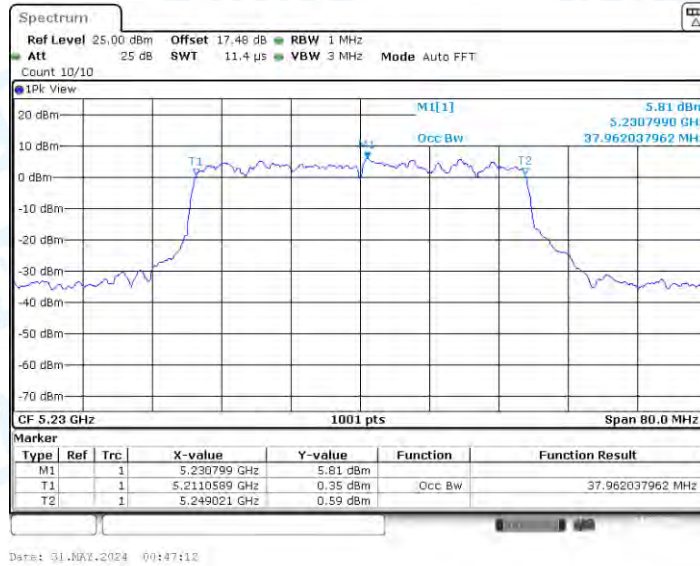
11AX20SISO_Ant1_5825



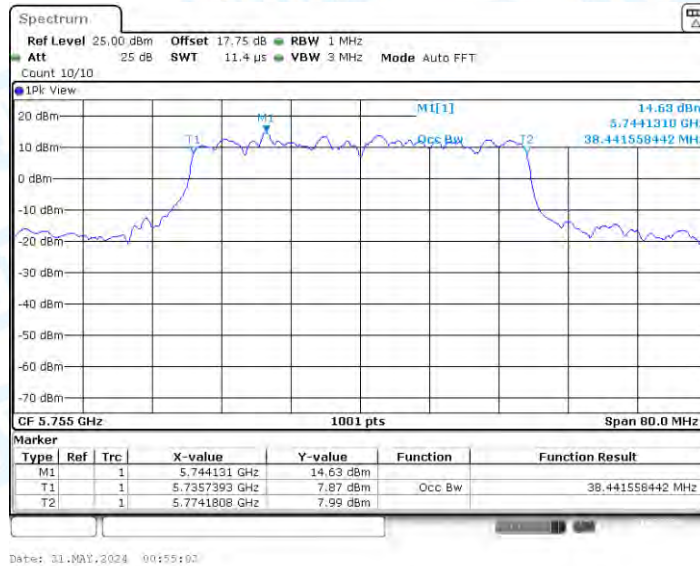
11AX40SISO_Ant1_5190



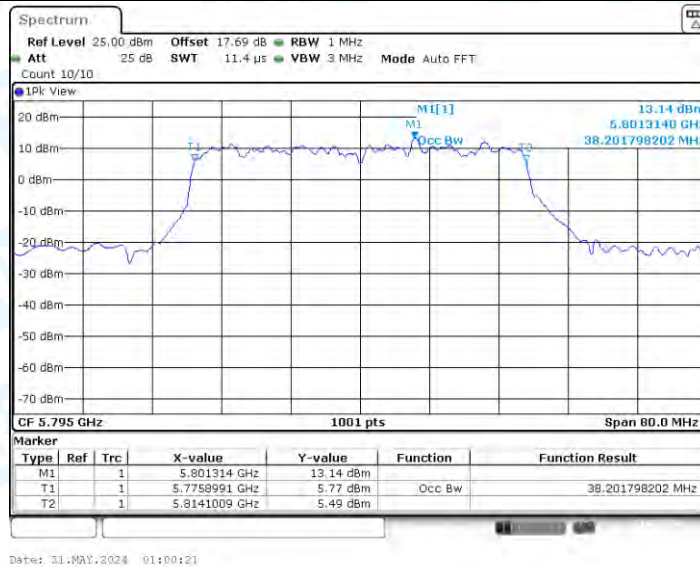
11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



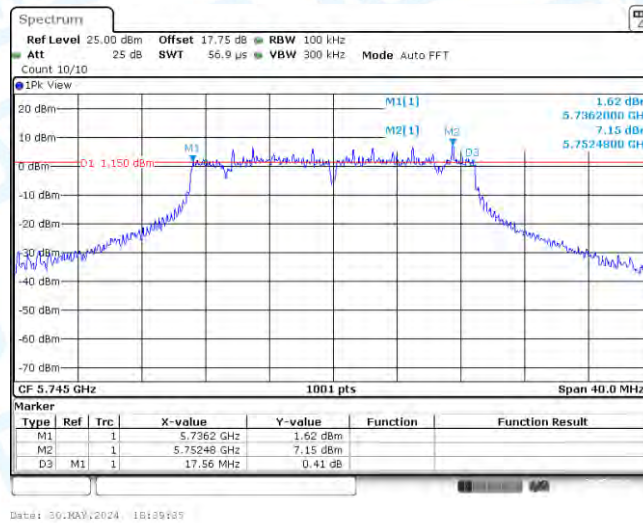
3. Min emission bandwidth

3.1. Test Result

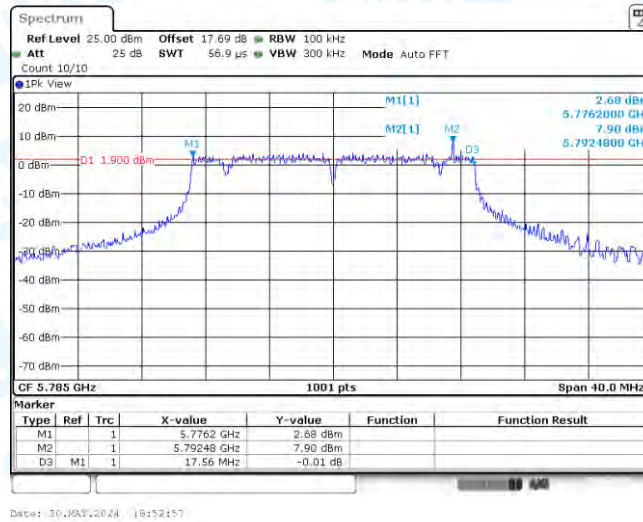
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
		5785	17.56	5776.20	5793.76	0.5	PASS
		5825	17.80	5816.08	5833.88	0.5	PASS
11N20SISO	Ant1	5745	17.60	5736.20	5753.80	0.5	PASS
		5785	17.72	5776.16	5793.88	0.5	PASS
		5825	17.84	5816.08	5833.92	0.5	PASS
11N40SISO	Ant1	5755	36.56	5736.68	5773.24	0.5	PASS
		5795	36.56	5776.68	5813.24	0.5	PASS
11AC20SISO	Ant1	5745	17.80	5736.08	5753.88	0.5	PASS
		5785	17.56	5776.20	5793.76	0.5	PASS
		5825	17.56	5816.20	5833.76	0.5	PASS
11AC40SISO	Ant1	5755	36.56	5736.68	5773.24	0.5	PASS
		5795	36.48	5776.68	5813.16	0.5	PASS
11AX20SISO	Ant1	5745	18.84	5735.60	5754.44	0.5	PASS
		5785	18.56	5775.84	5794.40	0.5	PASS
		5825	18.88	5815.52	5834.40	0.5	PASS
11AX40SISO	Ant1	5755	37.92	5735.96	5773.88	0.5	PASS
		5795	38.24	5775.88	5814.12	0.5	PASS

3.2. Test Graphs

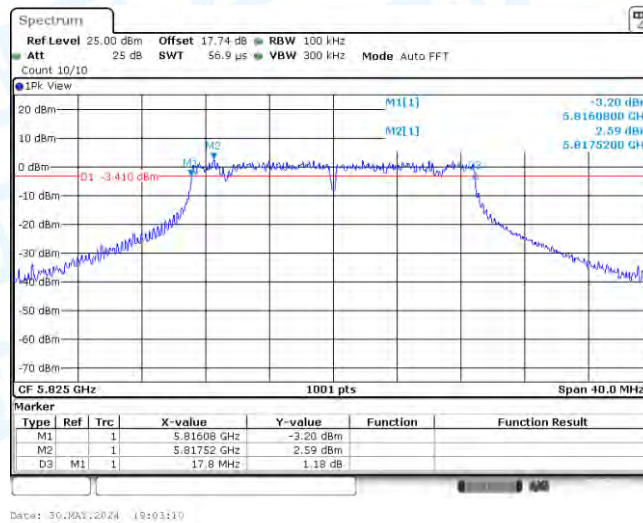
11A_Ant1_5745



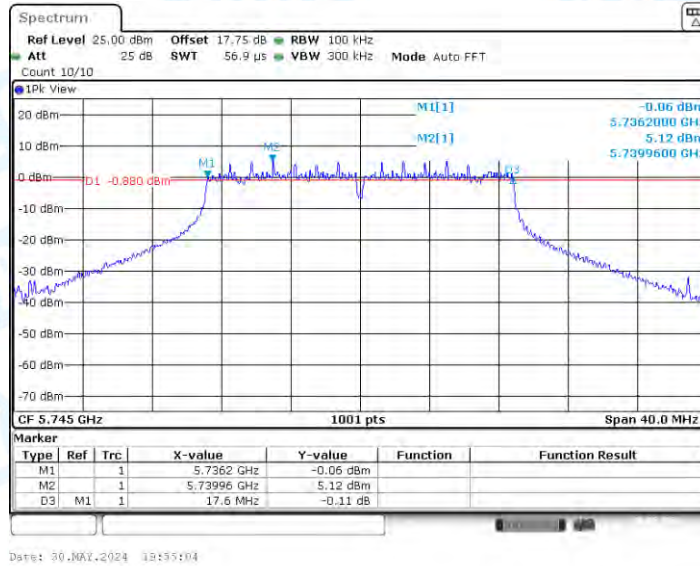
11A_Ant1_5785



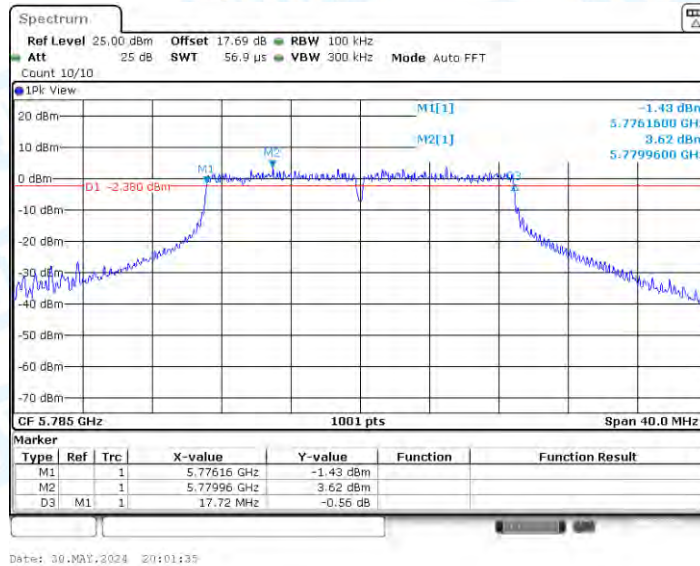
11A_Ant1_5825



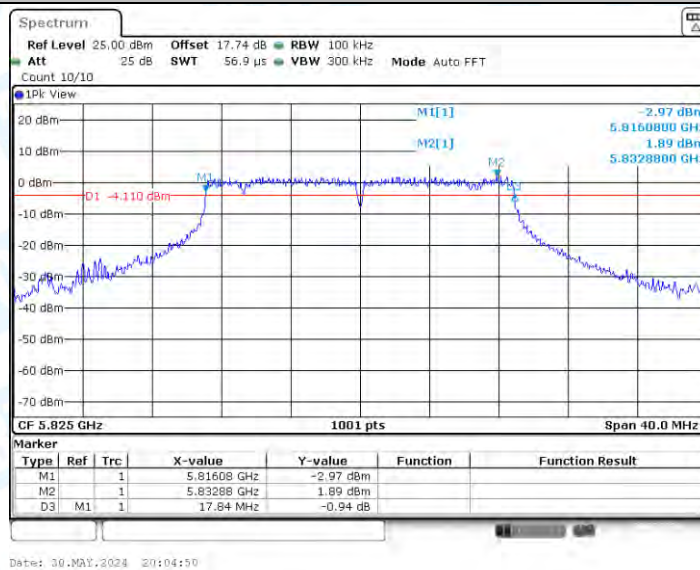
11N20SISO_Ant1_5745



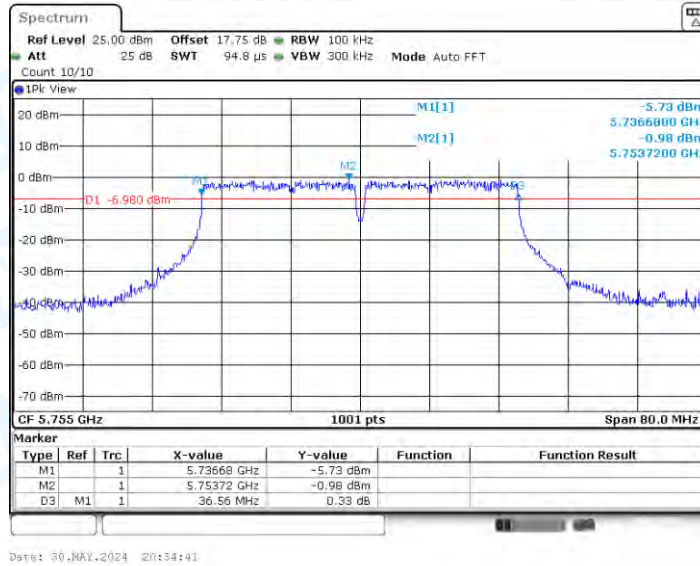
11N20SISO_Ant1_5785



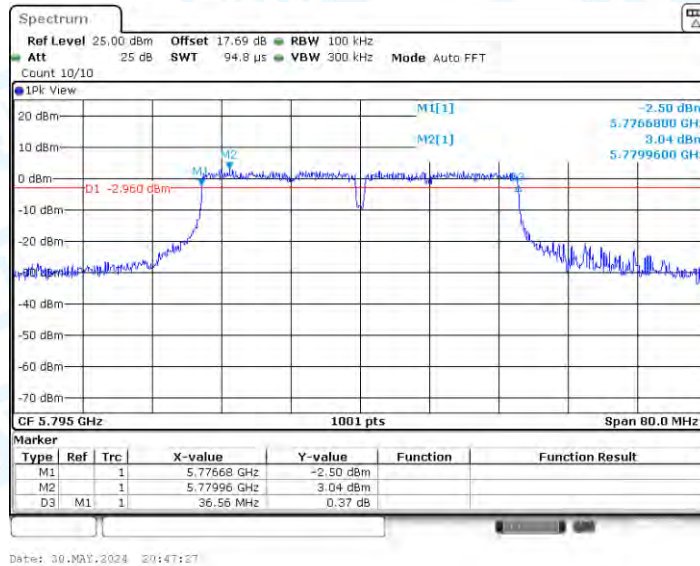
11N20SISO_Ant1_5825



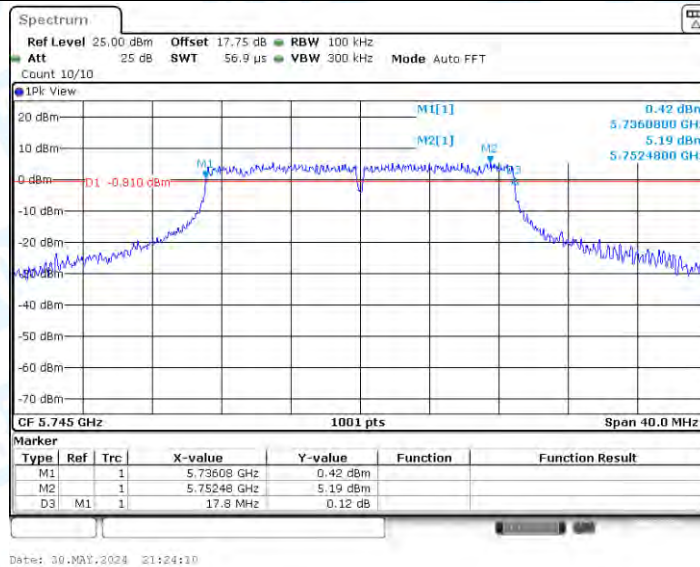
11N40SISO_Ant1_5755



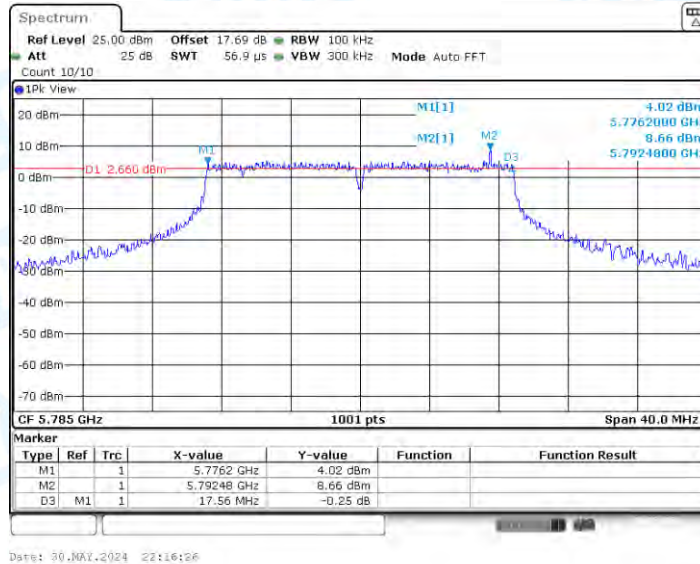
11N40SISO_Ant1_5795



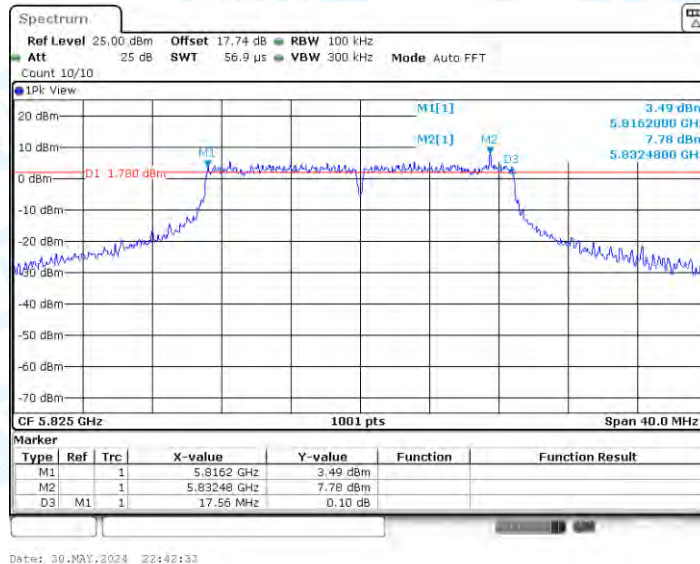
11AC20SISO_Ant1_5745



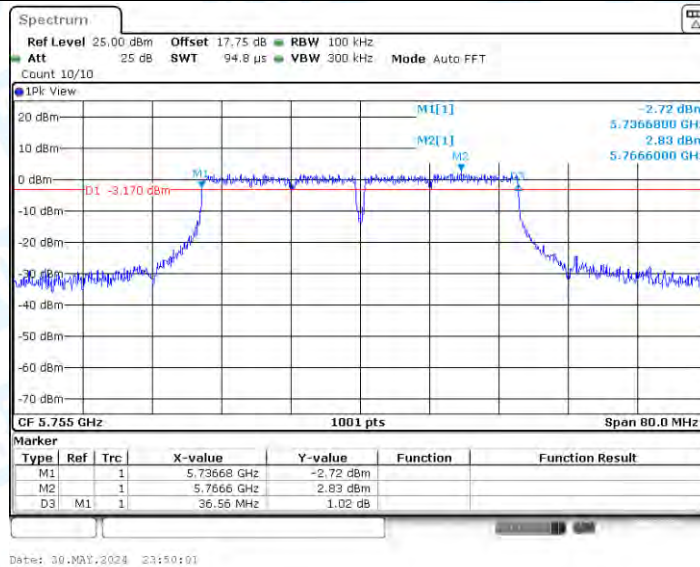
11AC20SISO_Ant1_5785



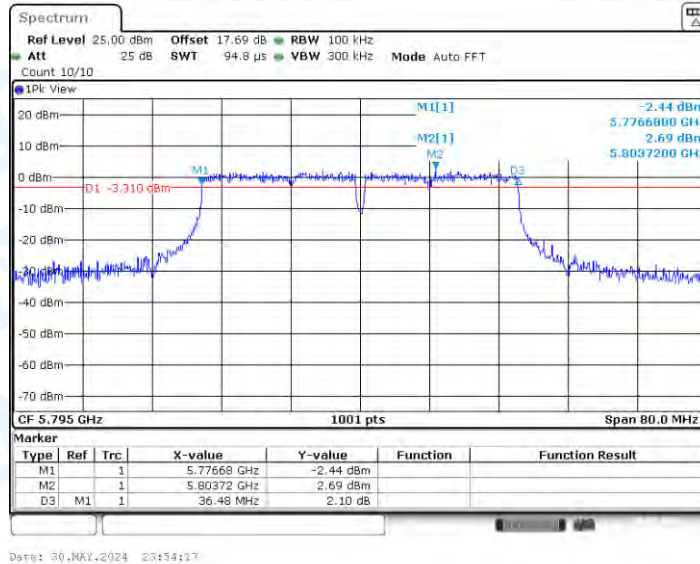
11AC20SISO_Ant1_5825



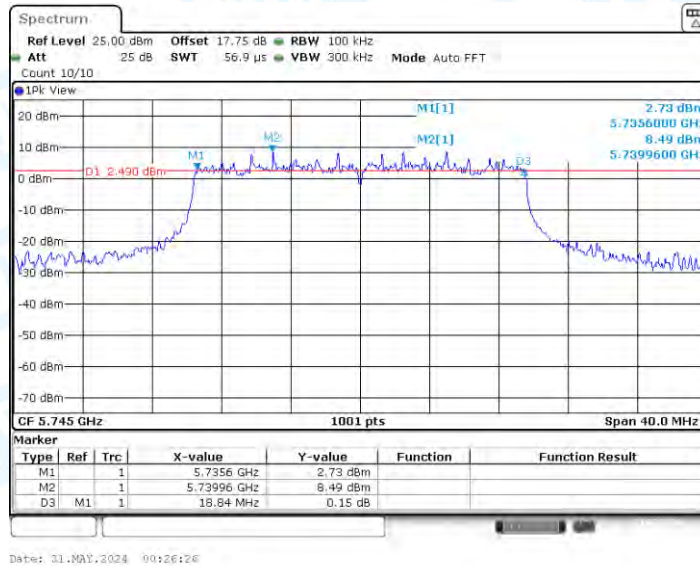
11AC40SISO_Ant1_5755



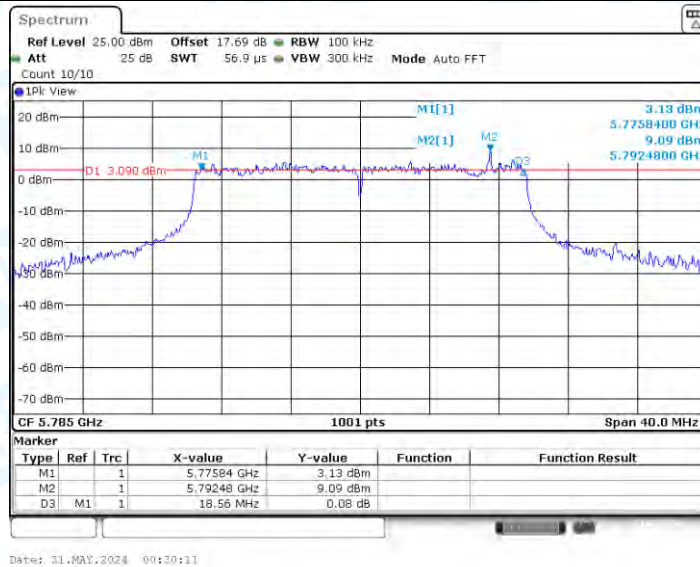
11AC40SISO_Ant1_5795



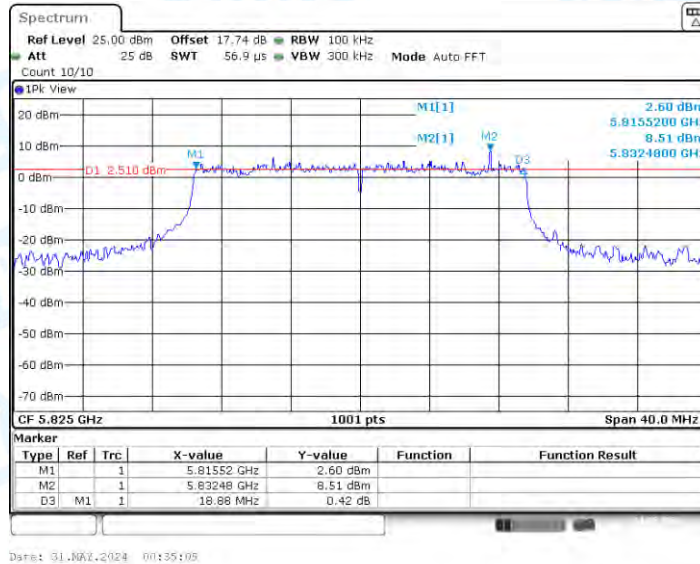
11AX20SISO_Ant1_5745



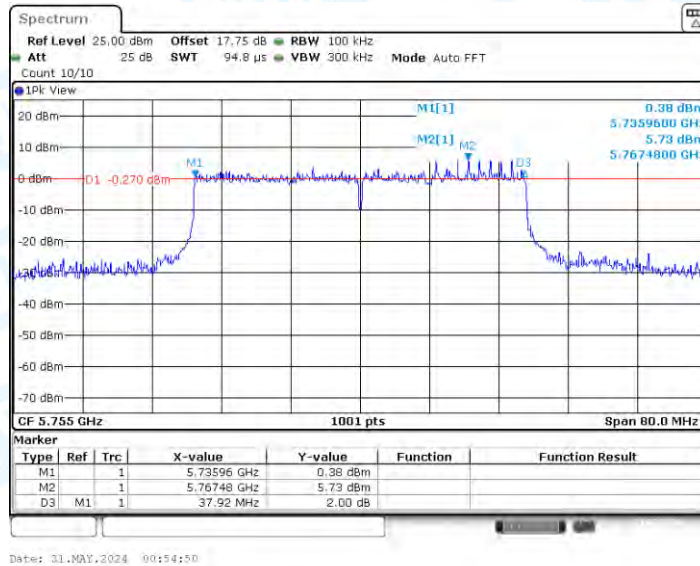
11AX20SISO_Ant1_5785



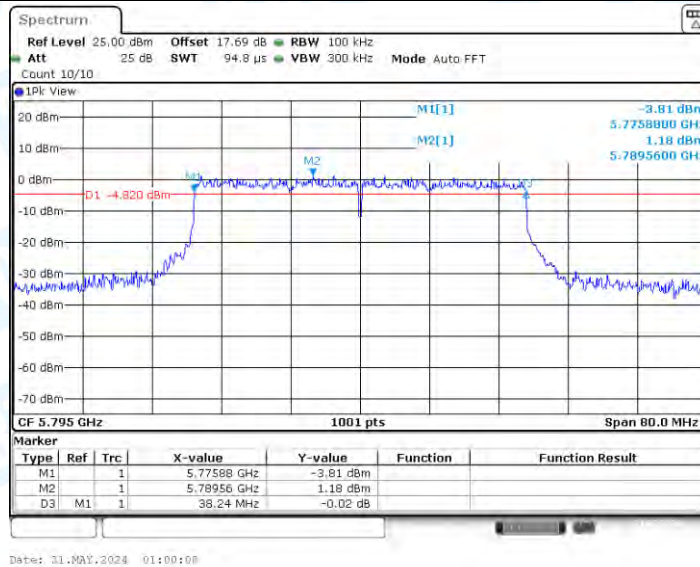
11AX20SISO_Ant1_5825



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	15.80	≤24.00	PASS
		5200	16.17	≤24.00	PASS
		5240	15.67	≤24.00	PASS
		5745	20.64	≤30.00	PASS
		5785	20.68	≤30.00	PASS
		5825	18.91	≤30.00	PASS
11N20SISO	Ant1	5180	13.06	≤24.00	PASS
		5200	13.25	≤24.00	PASS
		5240	15.52	≤24.00	PASS
		5745	18.59	≤30.00	PASS
		5785	18.63	≤30.00	PASS
		5825	18.11	≤30.00	PASS
11N40SISO	Ant1	5190	12.41	≤24.00	PASS
		5230	15.19	≤24.00	PASS
		5755	16.79	≤30.00	PASS
		5795	16.91	≤30.00	PASS
11AC20SISO	Ant1	5180	12.14	≤24.00	PASS
		5200	10.62	≤24.00	PASS
		5240	12.97	≤24.00	PASS
		5745	18.37	≤30.00	PASS
		5785	16.75	≤30.00	PASS
		5825	18.06	≤30.00	PASS
11AC40SISO	Ant1	5190	11.29	≤24.00	PASS
		5230	10.11	≤24.00	PASS
		5755	17.56	≤30.00	PASS
		5795	17.63	≤30.00	PASS
11AX20SISO	Ant1	5180	10.30	≤24.00	PASS
		5200	12.32	≤24.00	PASS
		5240	12.84	≤24.00	PASS
		5745	16.50	≤30.00	PASS
		5785	18.39	≤30.00	PASS
		5825	17.98	≤30.00	PASS
11AX40SISO	Ant1	5190	8.26	≤24.00	PASS
		5230	10.65	≤24.00	PASS
		5755	16.68	≤30.00	PASS
		5795	16.89	≤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] Result [dBm/500kHz]	Limit[dBm/MHz] Limit[dBm/500kHz]	Verdict
11A	Ant1	5180	6.44	≤11.00	PASS
		5200	6.47	≤11.00	PASS
		5240	7.90	≤11.00	PASS
		5745	8.16	≤30.00	PASS
		5785	8.01	≤30.00	PASS
		5825	7.25	≤30.00	PASS
11N20SISO	Ant1	5180	4.71	≤11.00	PASS
		5200	5.11	≤11.00	PASS
		5240	5.61	≤11.00	PASS
		5745	7.16	≤30.00	PASS
		5785	6.94	≤30.00	PASS
		5825	6.48	≤30.00	PASS
11N40SISO	Ant1	5190	-0.99	≤11.00	PASS
		5230	1.73	≤11.00	PASS
		5755	2.56	≤30.00	PASS
		5795	2.57	≤30.00	PASS
11AC20SISO	Ant1	5180	2.25	≤11.00	PASS
		5200	2.12	≤11.00	PASS
		5240	2.88	≤11.00	PASS
		5745	5.14	≤30.00	PASS
		5785	4.87	≤30.00	PASS
		5825	4.52	≤30.00	PASS
11AC40SISO	Ant1	5190	-0.98	≤11.00	PASS
		5230	-0.10	≤11.00	PASS
		5755	4.79	≤30.00	PASS
		5795	4.38	≤30.00	PASS
11AX20SISO	Ant1	5180	2.07	≤11.00	PASS
		5200	2.90	≤11.00	PASS
		5240	3.00	≤11.00	PASS
		5745	5.82	≤30.00	PASS
		5785	6.09	≤30.00	PASS
		5825	5.05	≤30.00	PASS
11AX40SISO	Ant1	5190	-3.66	≤11.00	PASS
		5230	-2.63	≤11.00	PASS
		5755	1.31	≤30.00	PASS
		5795	1.20	≤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_5180



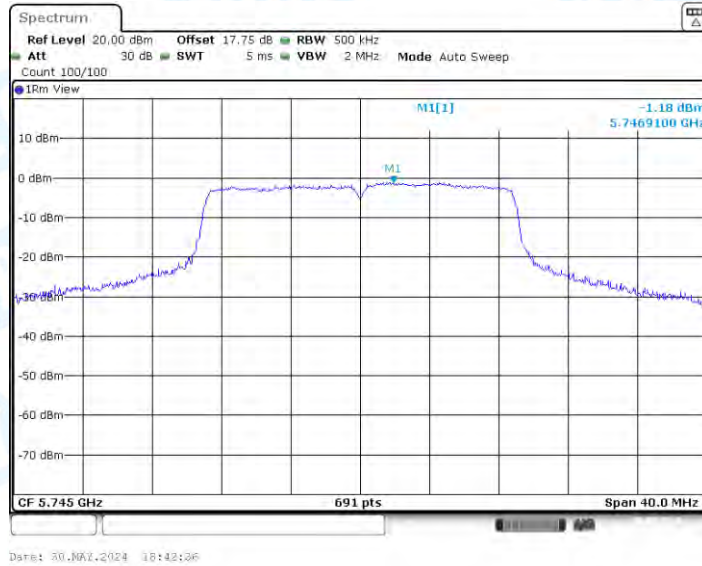
11A_Ant1_5200



11A_Ant1_5240



11A_Ant1_5745



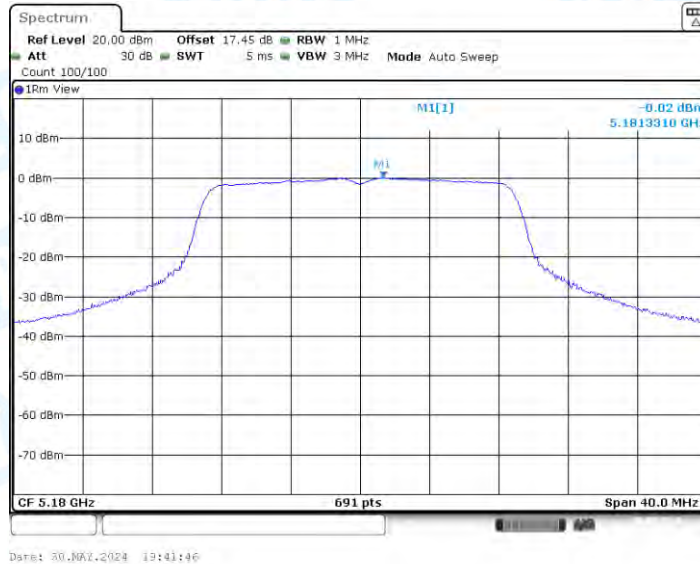
11A_Ant1_5785



11A_Ant1_5825



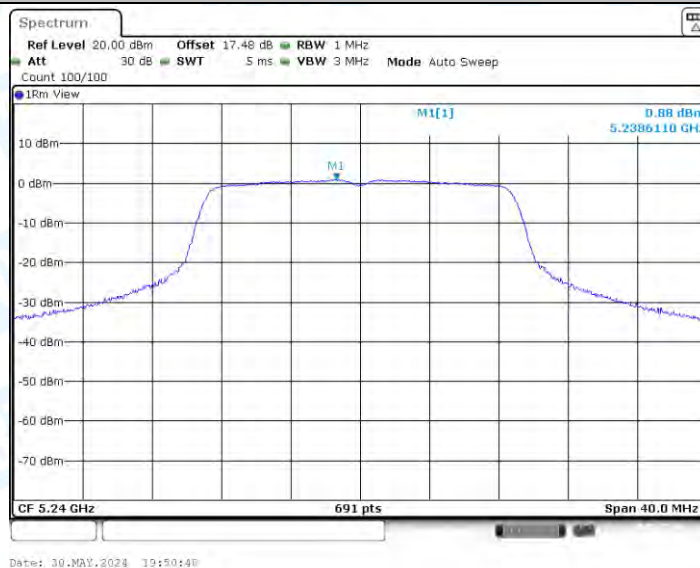
11N20SISO_Ant1_5180



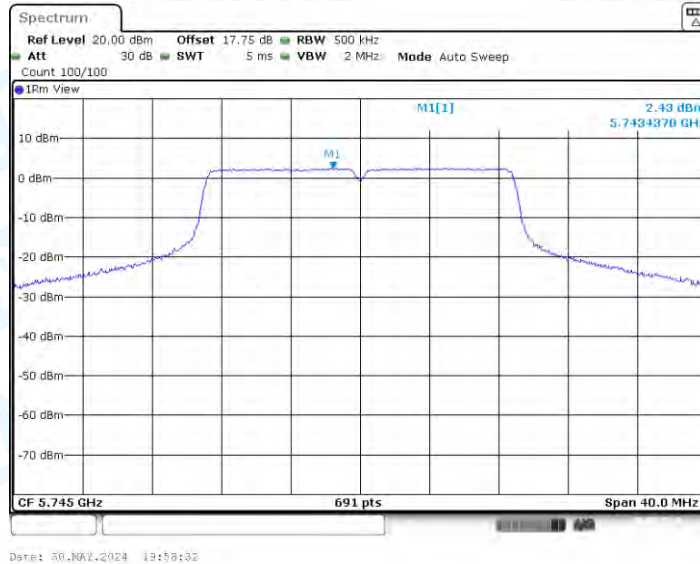
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



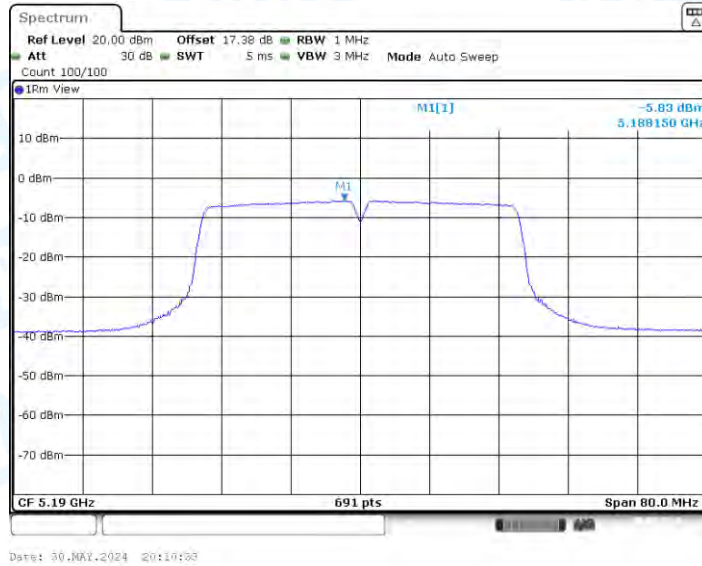
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



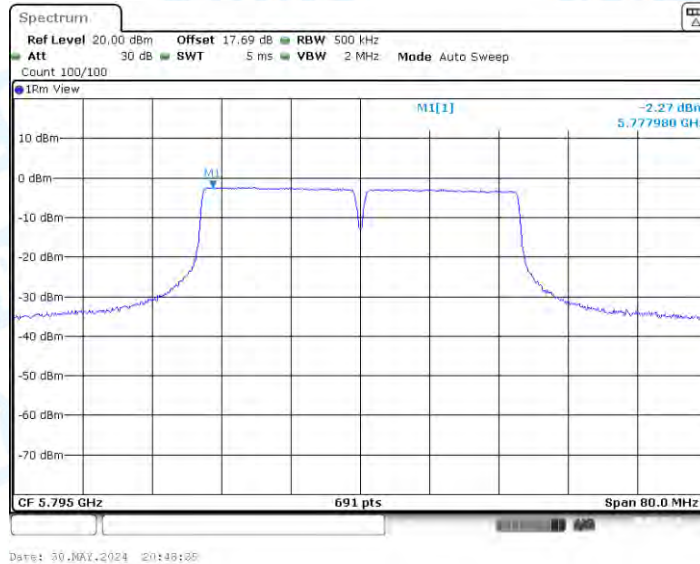
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



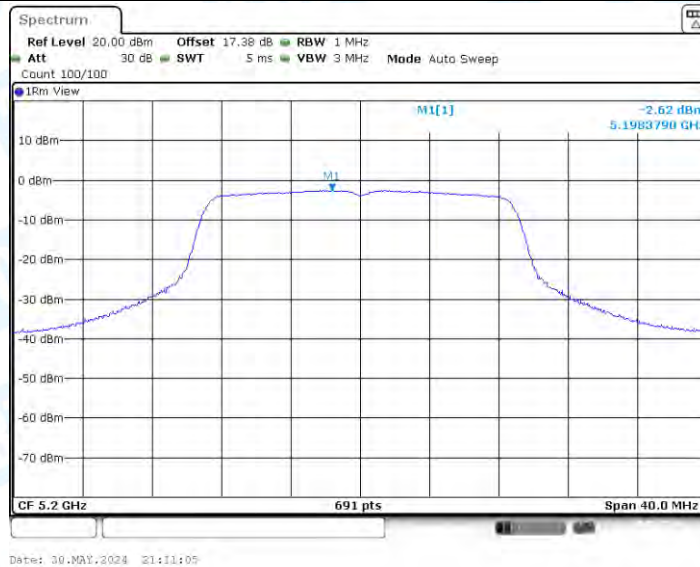
11N40SISO_Ant1_5795



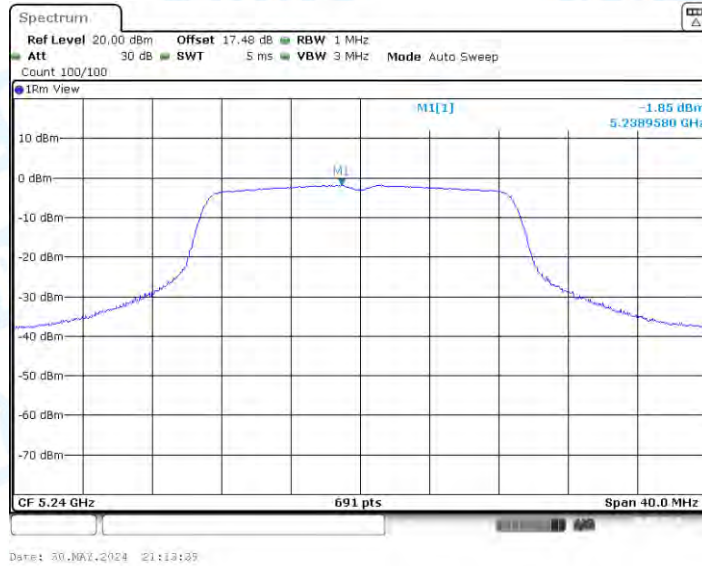
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



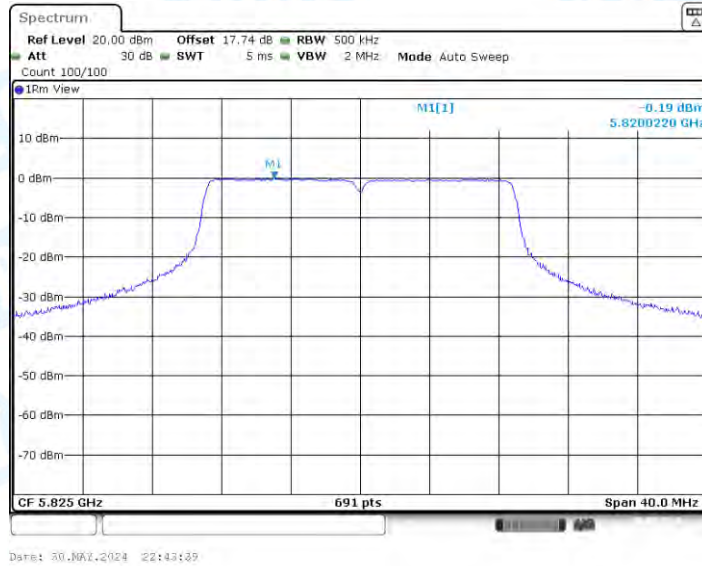
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



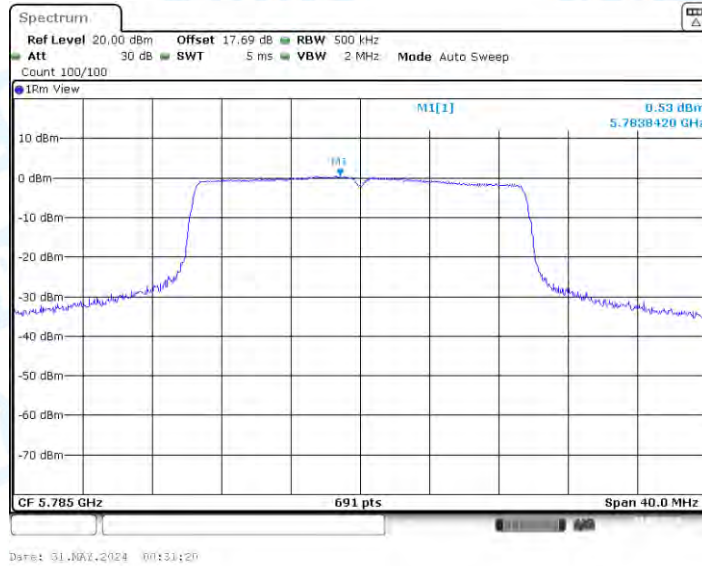
11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5745



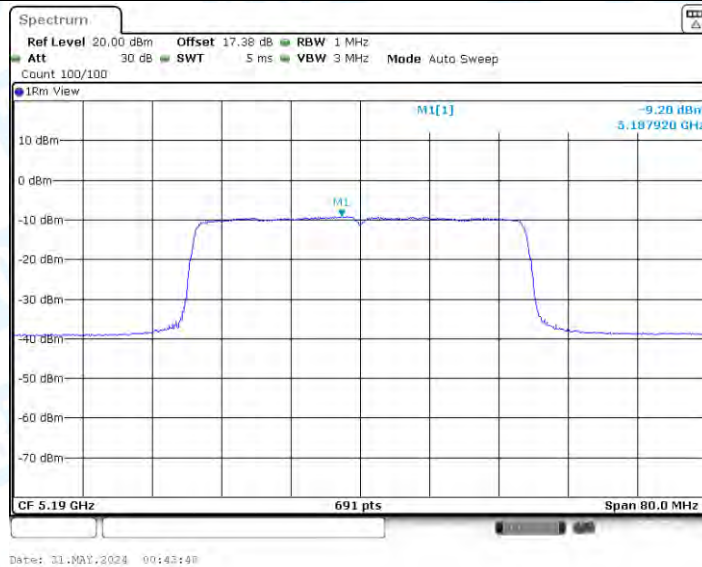
11AX20SISO_Ant1_5785



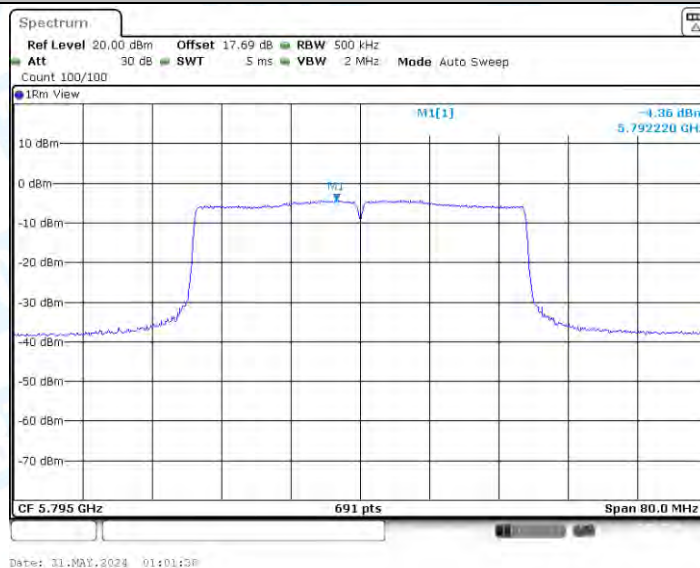
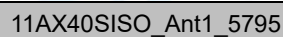
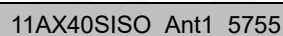
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



6. Band edge measurements

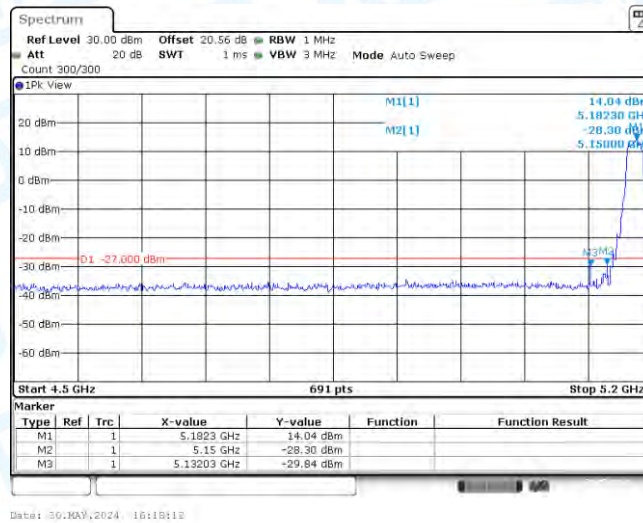
6.1. Test Result

TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-29.84	≤-27	PASS
		High	5240	-34.51	≤-27	PASS
11N20SISO	Ant1	Low	5180	-27.98	≤-27	PASS
		High	5240	-34.87	≤-27	PASS
11N40SISO	Ant1	Low	5190	-34.45	≤-27	PASS
		High	5230	-33.83	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-28.37	≤-27	PASS
		High	5240	-34.29	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-29.59	≤-27	PASS
		High	5230	-34.13	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-30.45	≤-27	PASS
		High	5240	-32.12	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-33.85	≤-27	PASS
		High	5230	-35.08	≤-27	PASS

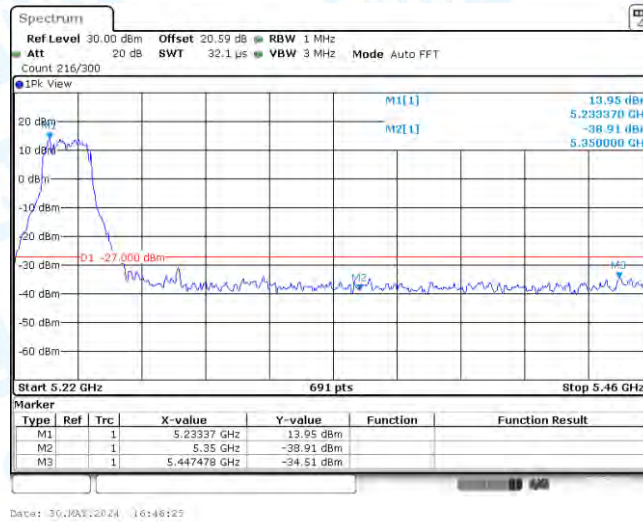
TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-22.74	≤4.20	PASS
				5700~5720	-12.1	≤15.41	PASS
				5720~5725	-8.11	≤26.62	PASS
				5760~5650	-31.57	≤-27	PASS
		High	5825	5850~5855	-14.37	≤21.60	PASS
				5855~5875	-16.96	≤10.05	PASS
				5875~5925	-25.09	≤-24.73	PASS
				5925~5935	-33.78	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-20.94	≤8.77	PASS
				5700~5720	-12.97	≤15.32	PASS
				5720~5725	-8.88	≤23.96	PASS
				5760~5650	-32.15	≤-27	PASS
		High	5825	5850~5855	-11.63	≤15.80	PASS
				5855~5875	-16.04	≤10.16	PASS
				5875~5925	-22.63	≤-19.66	PASS
				5925~5935	-30.31	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-19.83	≤6.65	PASS
				5700~5720	-14.4	≤15.53	PASS
				5720~5725	-13.19	≤19.02	PASS
				5780~5650	-29.51	≤-27	PASS
		High	5795	5850~5855	-19.18	≤23.48	PASS
				5855~5875	-18.55	≤10.97	PASS
				5875~5925	-23.08	≤-22.77	PASS
				5925~5935	-33.73	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-27.43	≤7.78	PASS
				5700~5720	-16.6	≤15.51	PASS
				5720~5725	-14.4	≤27.00	PASS
				5760~5650	-34.05	≤-27	PASS
		High	5825	5850~5855	-18.08	≤15.80	PASS
				5855~5875	-21.71	≤10.76	PASS
				5875~5925	-26.69	≤-26.61	PASS
				5925~5935	-33.19	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-22.82	≤2.75	PASS
				5700~5720	-15.03	≤15.53	PASS
				5720~5725	-14.18	≤24.82	PASS
				5780~5650	-34.05	≤-27	PASS
		High	5795	5850~5855	-20.45	≤22.93	PASS
				5855~5875	-18.75	≤10.71	PASS
				5875~5925	-26.04	≤-25.25	PASS
				5925~5935	-34.61	≤-27	PASS
11AX20SISO	Ant1	Low	5745	5650~5700	-23.68	≤9.75	PASS
				5700~5720	-14.78	≤15.55	PASS
				5720~5725	-9.67	≤27.00	PASS
				5760~5650	-33.68	≤-27	PASS
		High	5825	5850~5855	-14.15	≤20.26	PASS
				5855~5875	-21.49	≤11.36	PASS
				5875~5925	-26.84	≤-21.11	PASS
				5925~5935	-33.83	≤-27	PASS
11AX40SISO	Ant1	Low	5755	5650~5700	-24.01	≤9.98	PASS
				5700~5720	-18.87	≤13.12	PASS
				5720~5725	-16.93	≤26.60	PASS
				5780~5650	-34.11	≤-27	PASS
		High	5795	5850~5855	-23.05	≤15.85	PASS
				5855~5875	-24.95	≤11.17	PASS
				5875~5925	-28.83	≤-25.78	PASS
				5925~5935	-34.38	≤-27	PASS

6.2. Test Graphs

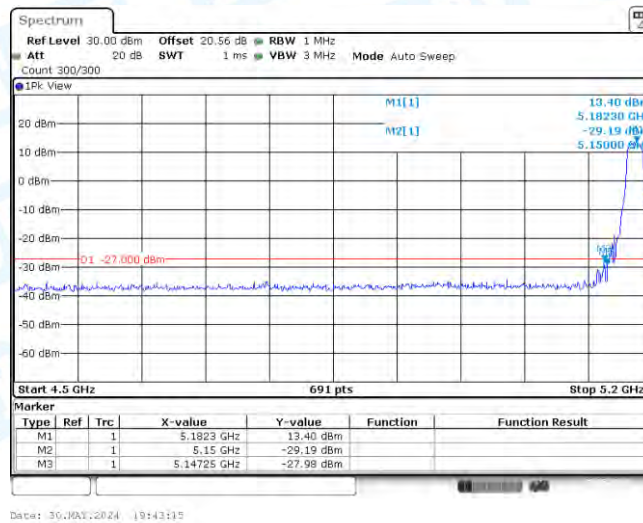
11A_Ant1_Low_5180



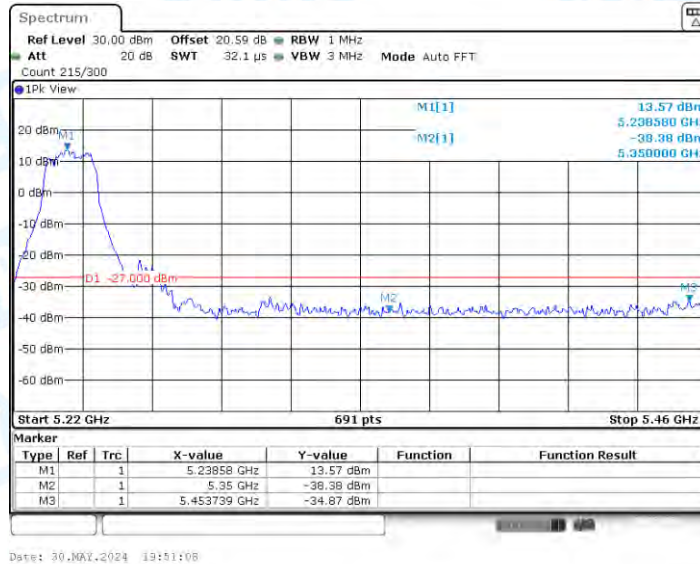
11A_Ant1_High_5240



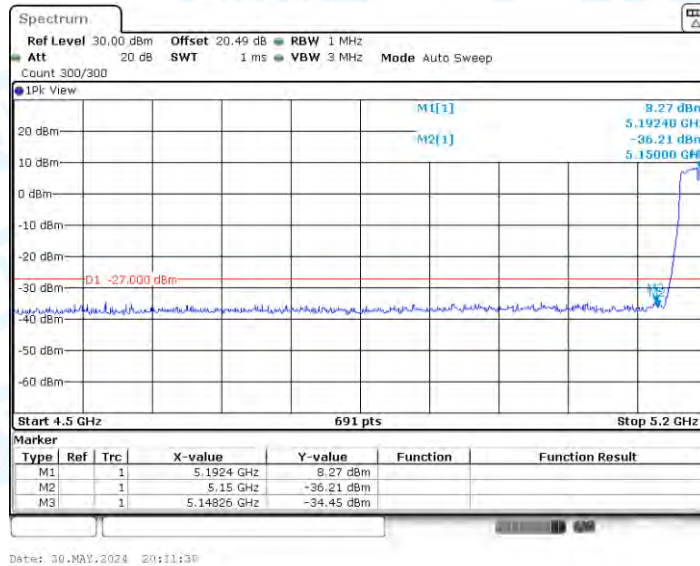
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



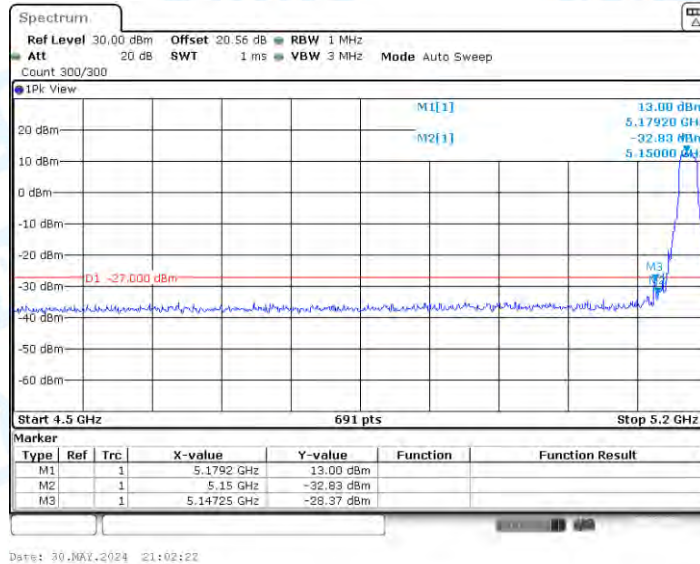
11N40SISO_Ant1_Low_5190



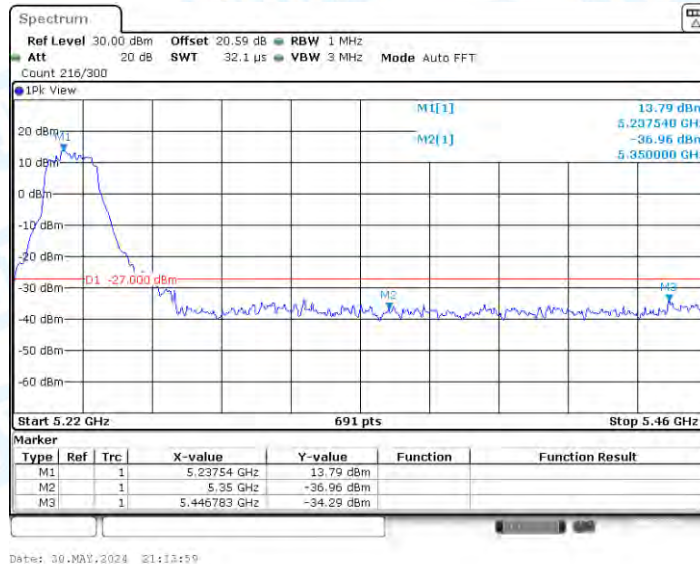
11N40SISO_Ant1_High_5230



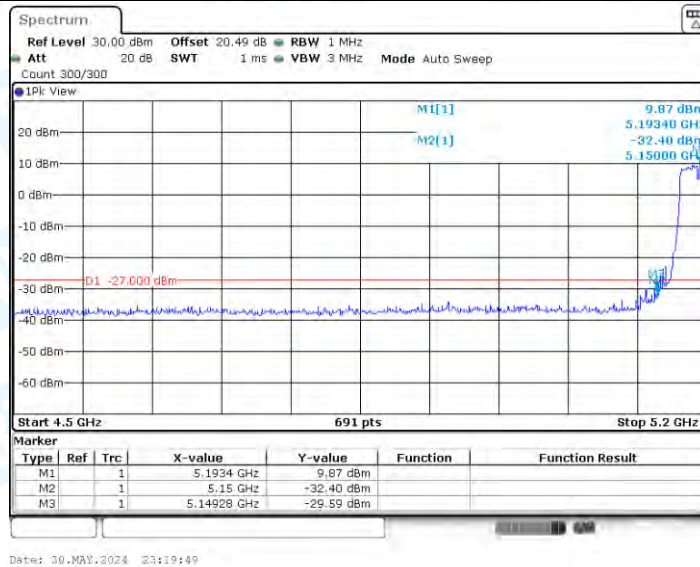
11AC20SISO_Ant1_Low_5180



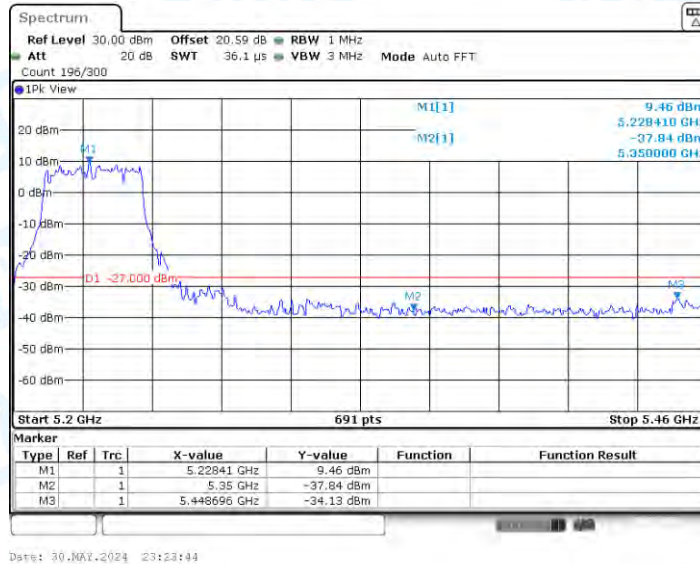
11AC20SISO_Ant1_High_5240



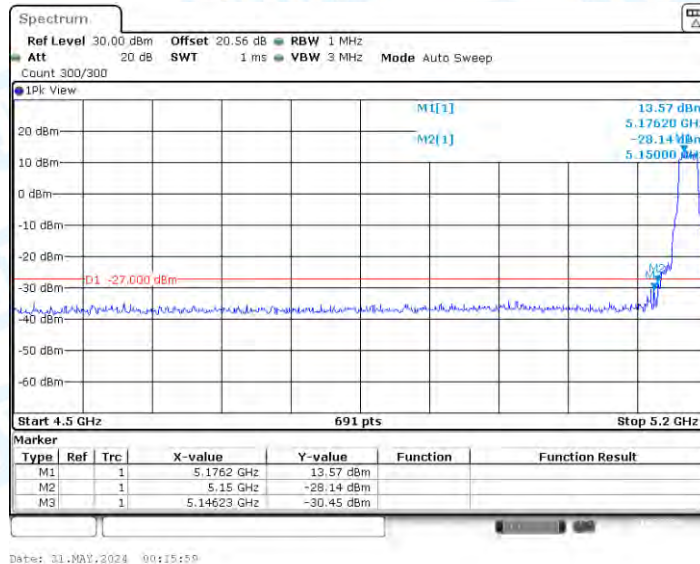
11AC40SISO_Ant1_Low_5190



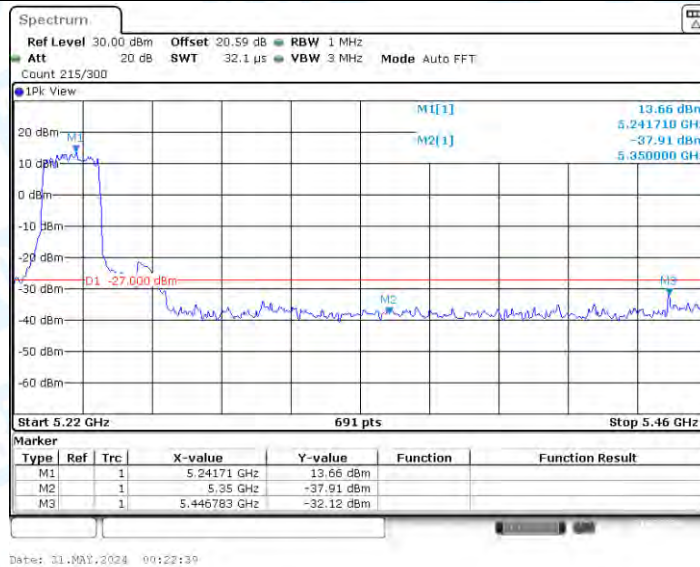
11AC40SISO_Ant1_High_5230



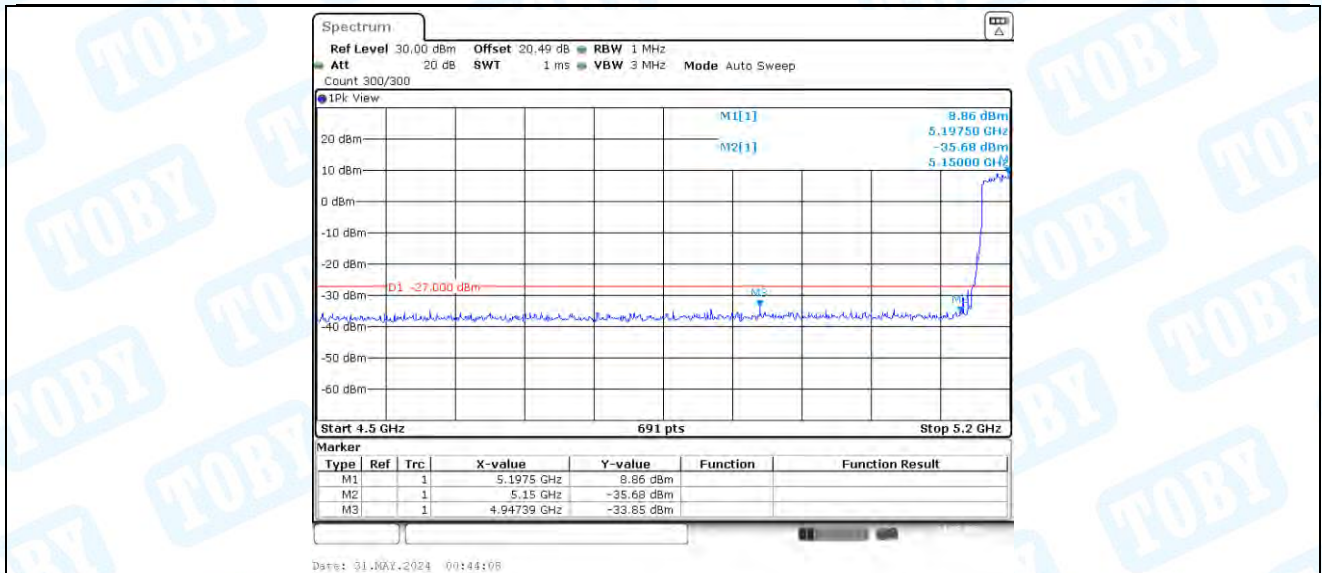
11AX20SISO_Ant1_Low_5180



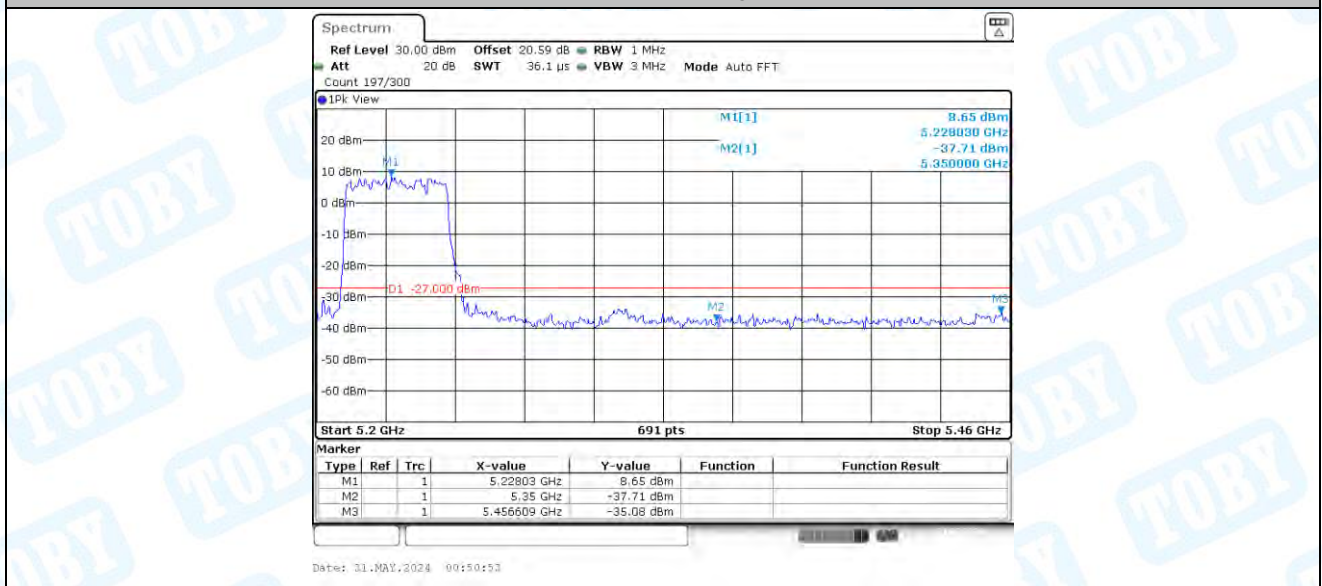
11AX20SISO_Ant1_High_5240



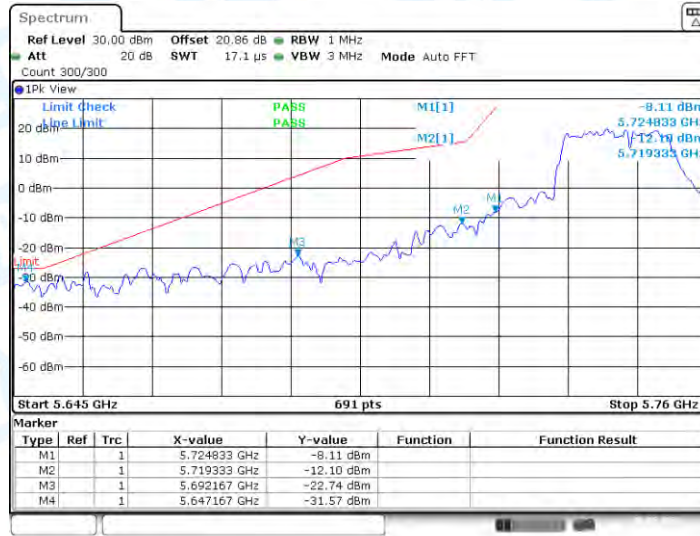
11AX40SISO_Ant1_Low_5190



11AX40SISO_Ant1_High_5230



11A_Ant1_Low_5745



Date: 30.MAY.2024 18:42:56

11A_Ant1_High_5825



Date: 30.MAY.2024 19:04:31

11N20SISO_Ant1_Low_5745

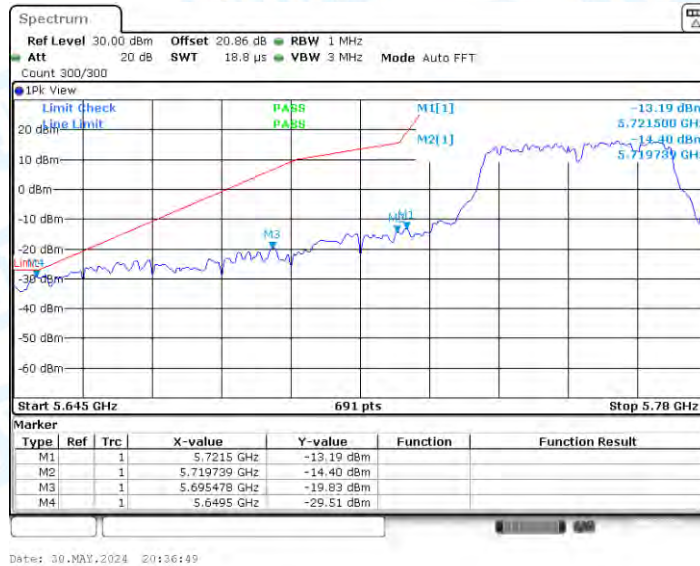


Date: 30.MAY.2024 19:58:52

11N20SISO_Ant1_High_5825



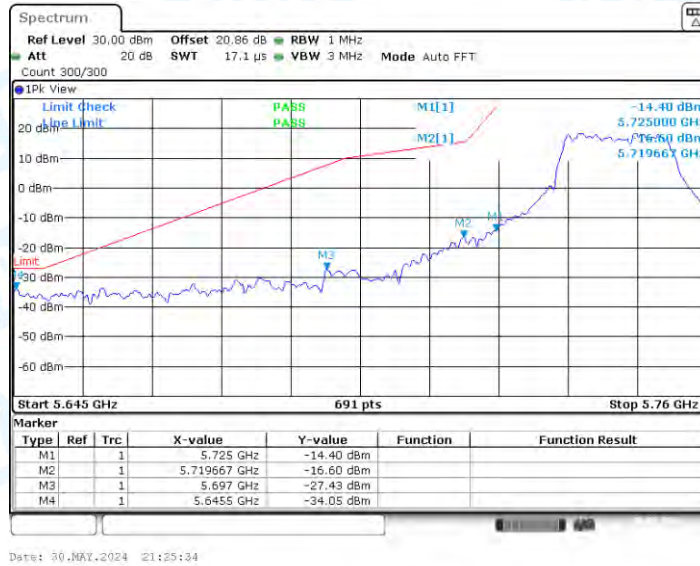
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



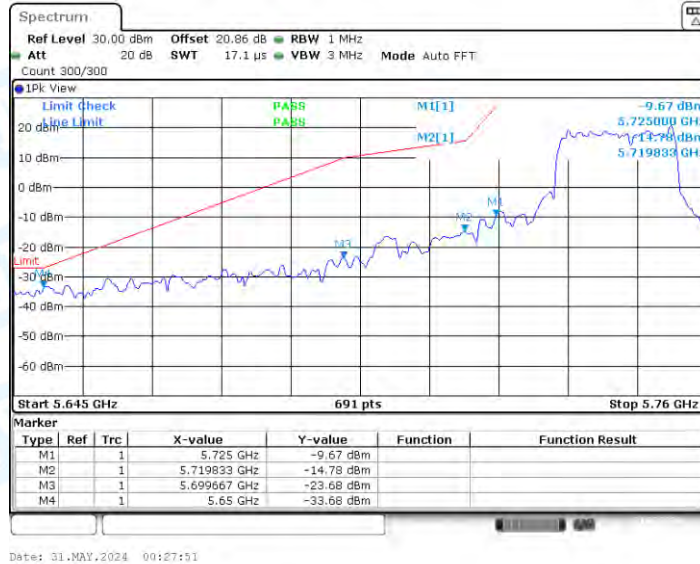
11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



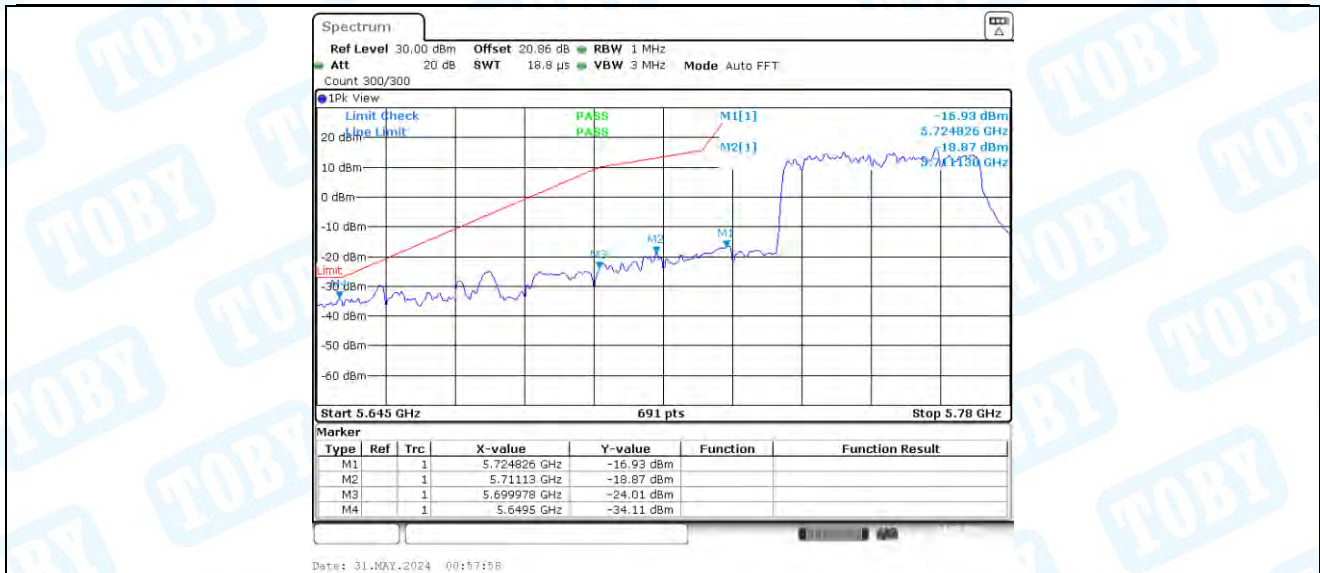
11AX20SISO_Ant1_Low_5745



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	-49.91	≤-41.20	PASS
				AV	5146.232	-48.89	≤-41.20	PASS
				AV	5150.000	-49.07	≤-41.20	PASS
				Peak	4500.000	-40.68	≤-21.20	PASS
				Peak	5148.261	-29.47	≤-21.20	PASS
				Peak	5150.000	-33.21	≤-21.20	PASS
		High	5240	AV	5350.000	-48.82	≤-41.20	PASS
				AV	5450.261	-46.96	≤-41.20	PASS
				AV	5460.000	-48.52	≤-41.20	PASS
				Peak	5350.000	-41.9	≤-21.20	PASS
				Peak	5447.826	-38.42	≤-21.20	PASS
				Peak	5460.000	-40.69	≤-21.20	PASS
		Low	5745	AV	5650.000	-47.19	≤-27.00	PASS
				AV	5700.000	-42.45	≤10.00	PASS
				AV	5720.000	-29.44	≤15.60	PASS
				AV	5725.000	-26.24	≤27.00	PASS
				Peak	5650.000	-32.93	≤-27.00	PASS
				Peak	5700.000	-18.4	≤10.00	PASS
				Peak	5720.000	-10.63	≤15.60	PASS
				Peak	5725.000	-8.31	≤27.00	PASS
		High	5825	AV	5850.000	-32.92	≤15.60	PASS
				AV	5855.000	-35.04	≤27.00	PASS
				AV	5875.000	-42.51	≤15.60	PASS
				AV	5925.000	-46.77	≤10.00	PASS
				Peak	5850.000	-15.75	≤15.60	PASS
				Peak	5855.000	-15.05	≤27.00	PASS
				Peak	5875.000	-23.2	≤15.60	PASS
				Peak	5925.000	-37.31	≤10.00	PASS
11N20SISO	Ant1	Low	5180	AV	4500.000	-49.97	≤-41.20	PASS
				AV	5149.275	-47.74	≤-41.20	PASS
				AV	5150.000	-48.14	≤-41.20	PASS
				Peak	4500.000	-40.7	≤-21.20	PASS
				Peak	5149.275	-29.11	≤-21.20	PASS
				Peak	5150.000	-26.65	≤-21.20	PASS
		High	5240	AV	5350.000	-48.8	≤-41.20	PASS
				AV	5446.783	-46.33	≤-41.20	PASS
				AV	5460.000	-48.76	≤-41.20	PASS
				Peak	5350.000	-41.24	≤-21.20	PASS
				Peak	5450.609	-36.28	≤-21.20	PASS
				Peak	5460.000	-39.65	≤-21.20	PASS
		Low	5745	AV	5650.000	-46.27	≤-27.00	PASS
				AV	5700.000	-36.05	≤10.00	PASS
				AV	5720.000	-27.37	≤15.60	PASS
				AV	5725.000	-21.09	≤27.00	PASS
				Peak	5650.000	-28.89	≤-27.00	PASS
				Peak	5700.000	-19.43	≤10.00	PASS
				Peak	5720.000	-12.13	≤15.60	PASS
				Peak	5725.000	-5.11	≤27.00	PASS
		High	5825	AV	5850.000	-26.8	≤15.60	PASS
				AV	5855.000	-30.66	≤27.00	PASS
				AV	5875.000	-37.57	≤15.60	PASS

11N40SISO	Ant1	Low	5190	AV	5925.000	-46.39	≤10.00	PASS
				Peak	5850.000	-13.07	≤15.60	PASS
				Peak	5855.000	-13.56	≤27.00	PASS
				Peak	5875.000	-20.57	≤15.60	PASS
				Peak	5925.000	-35.3	≤10.00	PASS
		High	5230	AV	4500.000	-50.21	≤-41.20	PASS
				AV	5148.261	-46.8	≤-41.20	PASS
				AV	5150.000	-46.89	≤-41.20	PASS
				Peak	4500.000	-40.32	≤-21.20	PASS
				Peak	5135.072	-32.16	≤-21.20	PASS
		Low	5755	Peak	5150.000	-34.87	≤-21.20	PASS
				AV	5350.000	-49.31	≤-41.20	PASS
				AV	5450.203	-47.02	≤-41.20	PASS
				AV	5460.000	-48.09	≤-41.20	PASS
				Peak	5350.000	-39.13	≤-21.20	PASS
		High	5795	Peak	5460.000	-37.59	≤-21.20	PASS
				AV	5650.000	-43.76	≤-27.00	PASS
				AV	5700.000	-35.02	≤10.00	PASS
				AV	5720.000	-30.9	≤15.60	PASS
				AV	5725.000	-30.1	≤27.00	PASS
11AC20SISO	Ant1	Low	5180	Peak	5650.000	-29.69	≤-27.00	PASS
				Peak	5700.000	-17.84	≤10.00	PASS
				Peak	5720.000	-13.96	≤15.60	PASS
				Peak	5725.000	-12.31	≤27.00	PASS
		High	5240	AV	5850.000	-34.83	≤15.60	PASS
				AV	5855.000	-33.43	≤27.00	PASS
				AV	5875.000	-39.11	≤15.60	PASS
				AV	5925.000	-46.89	≤10.00	PASS
				Peak	5850.000	-15.42	≤15.60	PASS
		Low	5745	Peak	5855.000	-19.34	≤27.00	PASS
				Peak	5875.000	-23.41	≤15.60	PASS
				Peak	5925.000	-37.55	≤10.00	PASS
		High	5825	AV	4500.000	-50.1	≤-41.20	PASS
				AV	5144.203	-48.03	≤-41.20	PASS
				AV	5150.000	-47.15	≤-41.20	PASS
				Peak	4500.000	-40.25	≤-21.20	PASS
				Peak	5140.145	-28.61	≤-21.20	PASS
		Low	5240	Peak	5150.000	-28.15	≤-21.20	PASS
				AV	5350.000	-48.87	≤-41.20	PASS
				AV	5446.783	-47	≤-41.20	PASS
				AV	5460.000	-48.58	≤-41.20	PASS
				Peak	5350.000	-39.93	≤-21.20	PASS
		High	5745	Peak	5448.174	-37.82	≤-21.20	PASS
				Peak	5460.000	-40.52	≤-21.20	PASS
				AV	5650.000	-48.98	≤-27.00	PASS
				AV	5700.000	-43.38	≤10.00	PASS
				AV	5720.000	-34.29	≤15.60	PASS
		Low	5825	AV	5725.000	-31.24	≤27.00	PASS
				Peak	5650.000	-40.48	≤-27.00	PASS
				Peak	5700.000	-27.23	≤10.00	PASS
				Peak	5720.000	-15.44	≤15.60	PASS
				Peak	5725.000	-7.7	≤27.00	PASS
		High	5825	AV	5850.000	-34.63	≤15.60	PASS
				AV	5855.000	-35.44	≤27.00	PASS
				AV	5875.000	-42.03	≤15.60	PASS
				AV	5925.000	-46.75	≤10.00	PASS
				Peak	5850.000	-17.89	≤15.60	PASS
		Low	5240	Peak	5855.000	-17.95	≤27.00	PASS

				Peak	5875.000	-27.99	≤15.60	PASS
				Peak	5925.000	-36.75	≤10.00	PASS
11AC40SIS O	Ant1	Low	5190	AV	4500.000	-50.22	≤-41.20	PASS
				AV	5149.275	-46.77	≤-41.20	PASS
				AV	5150.000	-47.71	≤-41.20	PASS
				Peak	4500.000	-41.18	≤-21.20	PASS
				Peak	5140.145	-27.05	≤-21.20	PASS
				Peak	5150.000	-29.08	≤-21.20	PASS
				AV	5350.000	-49.28	≤-41.20	PASS
		High	5230	AV	5447.942	-47.08	≤-41.20	PASS
				AV	5460.000	-48.73	≤-41.20	PASS
				Peak	5350.000	-41.96	≤-21.20	PASS
				Peak	5447.942	-37.72	≤-21.20	PASS
				Peak	5460.000	-39.86	≤-21.20	PASS
				AV	5650.000	-47.18	≤-27.00	PASS
				AV	5700.000	-35.72	≤10.00	PASS
		Low	5755	AV	5720.000	-33.73	≤15.60	PASS
				AV	5725.000	-31.32	≤27.00	PASS
				Peak	5650.000	-32.43	≤-27.00	PASS
				Peak	5700.000	-20.88	≤10.00	PASS
				Peak	5720.000	-15.63	≤15.60	PASS
				Peak	5725.000	-13.97	≤27.00	PASS
				AV	5850.000	-37.12	≤15.60	PASS
		High	5795	AV	5855.000	-38.19	≤27.00	PASS
				AV	5875.000	-41.25	≤15.60	PASS
				AV	5925.000	-46.94	≤10.00	PASS
				Peak	5850.000	-21.26	≤15.60	PASS
				Peak	5855.000	-21.44	≤27.00	PASS
				Peak	5875.000	-23.92	≤15.60	PASS
				Peak	5925.000	-37.01	≤10.00	PASS
11AX20SIS O	Ant1	Low	5180	AV	4500.000	-50.02	≤-41.20	PASS
				AV	5146.232	-48.02	≤-41.20	PASS
				AV	5150.000	-47.22	≤-41.20	PASS
				Peak	4500.000	-40.49	≤-21.20	PASS
				Peak	5149.275	-26.3	≤-21.20	PASS
				Peak	5150.000	-24.76	≤-21.20	PASS
		High	5240	AV	5350.000	-49.34	≤-41.20	PASS
				AV	5450.957	-47.17	≤-41.20	PASS
				AV	5460.000	-49	≤-41.20	PASS
				Peak	5350.000	-40.52	≤-21.20	PASS
				Peak	5367.130	-37.89	≤-21.20	PASS
				Peak	5460.000	-41	≤-21.20	PASS
		Low	5745	AV	5650.000	-47.93	≤-27.00	PASS
				AV	5700.000	-42.13	≤10.00	PASS
				AV	5720.000	-34.31	≤15.60	PASS
				AV	5725.000	-31.6	≤27.00	PASS
				Peak	5650.000	-35.53	≤-27.00	PASS
				Peak	5700.000	-21.13	≤10.00	PASS
				Peak	5720.000	-16.1	≤15.60	PASS
		High	5825	Peak	5725.000	-10.23	≤27.00	PASS
				AV	5850.000	-30.65	≤15.60	PASS
				AV	5855.000	-34.95	≤27.00	PASS
				AV	5875.000	-43.39	≤15.60	PASS
				AV	5925.000	-46.95	≤10.00	PASS
				Peak	5850.000	-14.91	≤15.60	PASS
				Peak	5855.000	-16.37	≤27.00	PASS
		Peak	5875.000	-26.8	≤15.60	PASS		
		Peak	5925.000	-38.24	≤10.00	PASS		

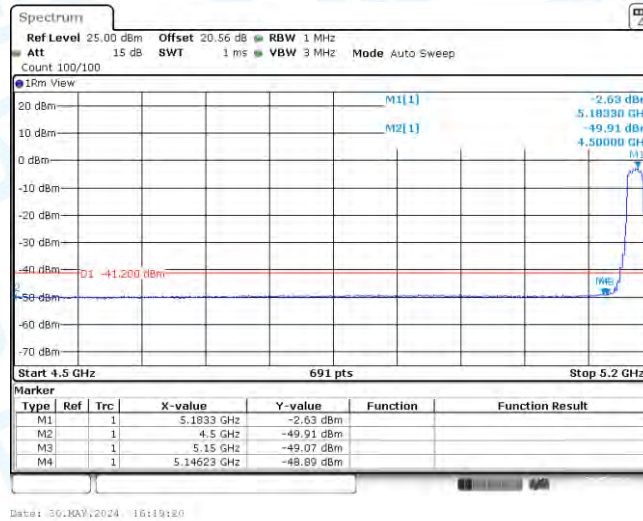
11AX40SIS O	Ant1	Low	5190	AV	4500.000	-50	≤ -41.20	PASS
				AV	5146.232	-48.53	≤ -41.20	PASS
				AV	5150.000	-48.48	≤ -41.20	PASS
				Peak	4500.000	-40.58	≤ -21.20	PASS
				Peak	5144.203	-33.27	≤ -21.20	PASS
				Peak	5150.000	-33.89	≤ -21.20	PASS
		High	5230	AV	5350.000	-49.97	≤ -41.20	PASS
				AV	5450.203	-46.96	≤ -41.20	PASS
				AV	5460.000	-48.88	≤ -41.20	PASS
				Peak	5350.000	-41.48	≤ -21.20	PASS
				Peak	5450.580	-37.95	≤ -21.20	PASS
				Peak	5460.000	-40.39	≤ -21.20	PASS
		Low	5755	AV	5650.000	-48.52	≤ -27.00	PASS
				AV	5700.000	-40.19	≤ 10.00	PASS
				AV	5720.000	-38.22	≤ 15.60	PASS
				AV	5725.000	-35.95	≤ 27.00	PASS
				Peak	5650.000	-35.45	≤ -27.00	PASS
				Peak	5700.000	-21.13	≤ 10.00	PASS
				Peak	5720.000	-15.95	≤ 15.60	PASS
				Peak	5725.000	-11.37	≤ 27.00	PASS
		High	5795	AV	5850.000	-40.28	≤ 15.60	PASS
				AV	5855.000	-41.28	≤ 27.00	PASS
				AV	5875.000	-44.42	≤ 15.60	PASS
				AV	5925.000	-47.45	≤ 10.00	PASS
				Peak	5850.000	-20.03	≤ 15.60	PASS
				Peak	5855.000	-25.69	≤ 27.00	PASS
				Peak	5875.000	-28.88	≤ 15.60	PASS
				Peak	5925.000	-39.25	≤ 10.00	PASS

Note:

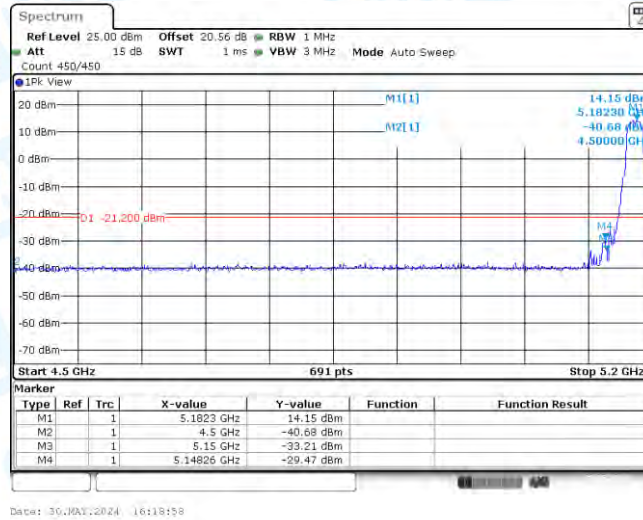
1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

7.2. Test Graphs

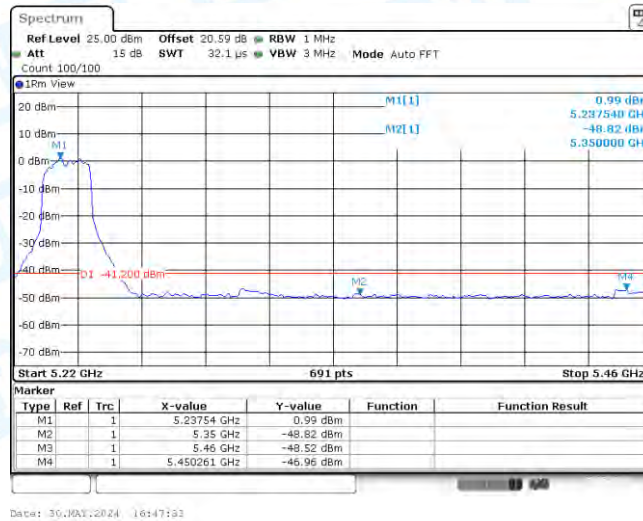
11A_Ant1_Low_5180_AV



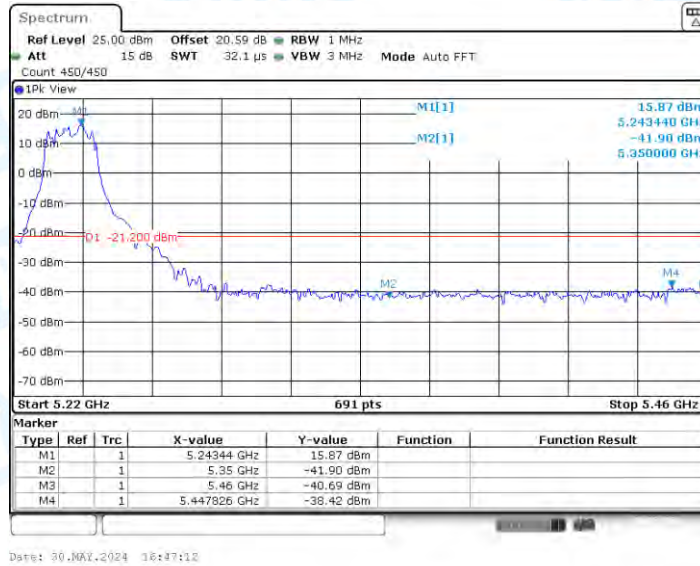
11A_Ant1_Low_5180_Peak



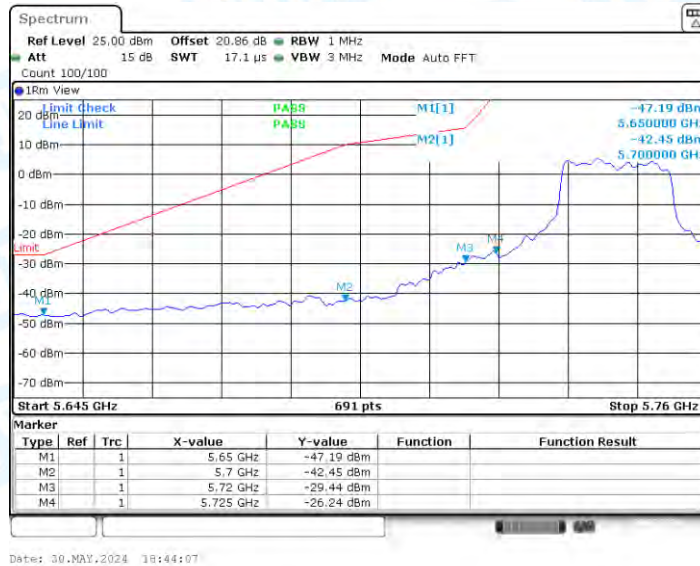
11A_Ant1_High_5240_AV



11A_Ant1_High_5240_Peak



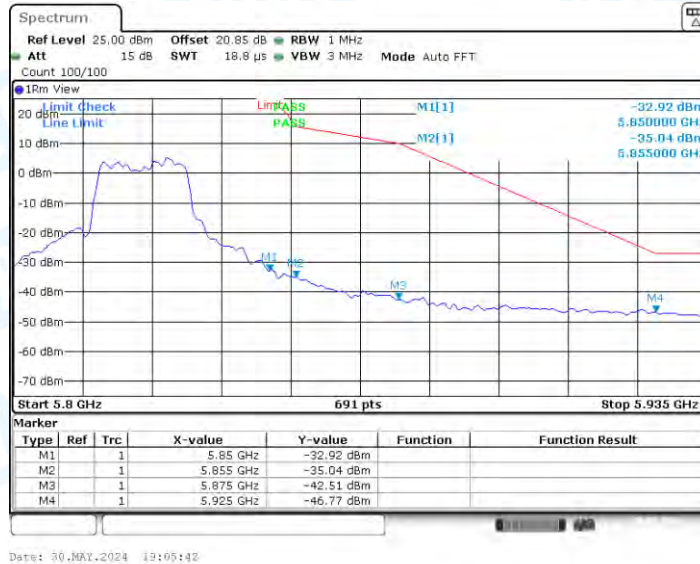
11A_Ant1_Low_5745_AV



11A_Ant1_Low_5745_Peak



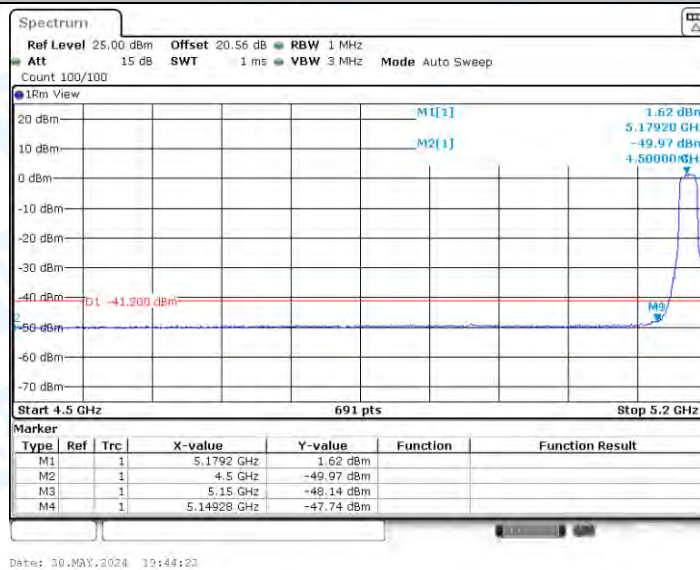
11A_Ant1_High_5825_AV



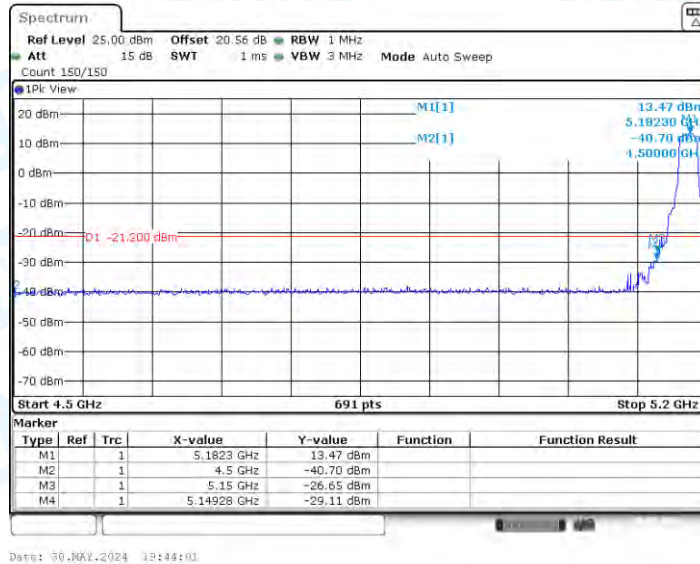
11A_Ant1_High_5825_Peak



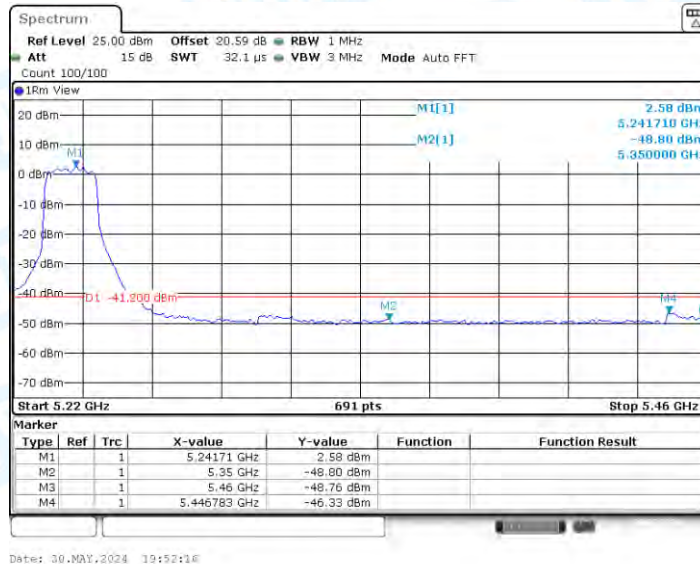
11N20SISO_Ant1_Low_5180_AV



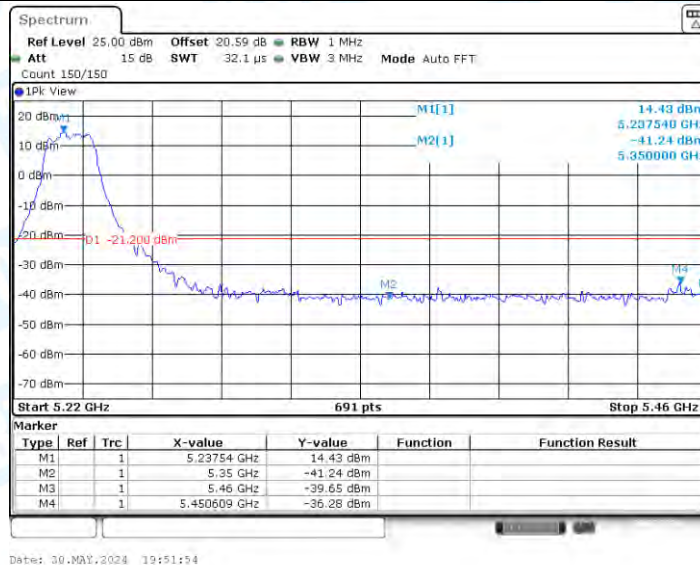
11N20SISO_Ant1_Low_5180_Peak



11N20SISO_Ant1_High_5240_AV



11N20SISO_Ant1_High_5240_Peak



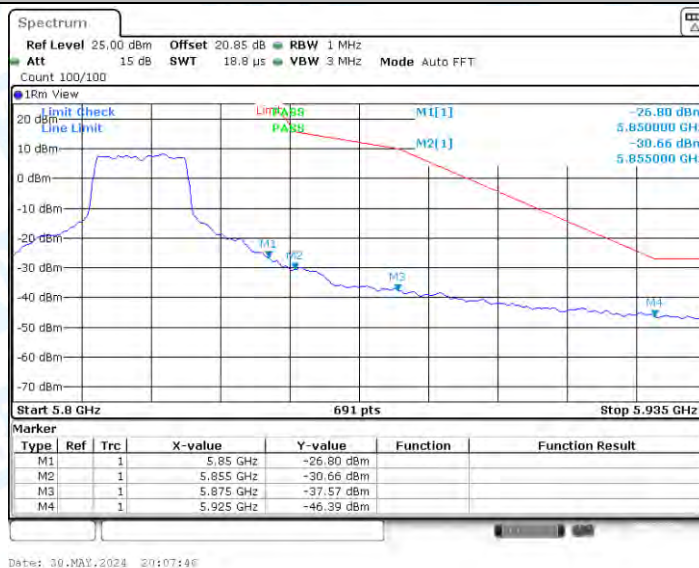
11N20SISO_Ant1_Low_5745_AV



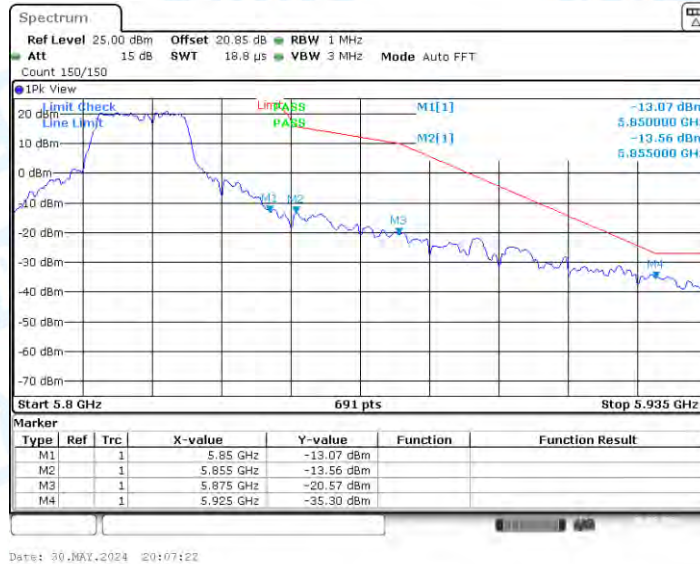
11N20SISO_Ant1_Low_5745_Peak



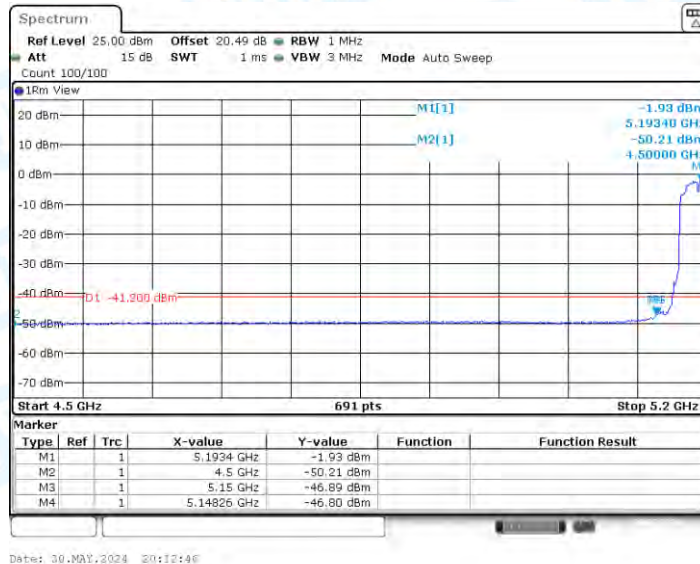
11N20SISO_Ant1_High_5825_AV



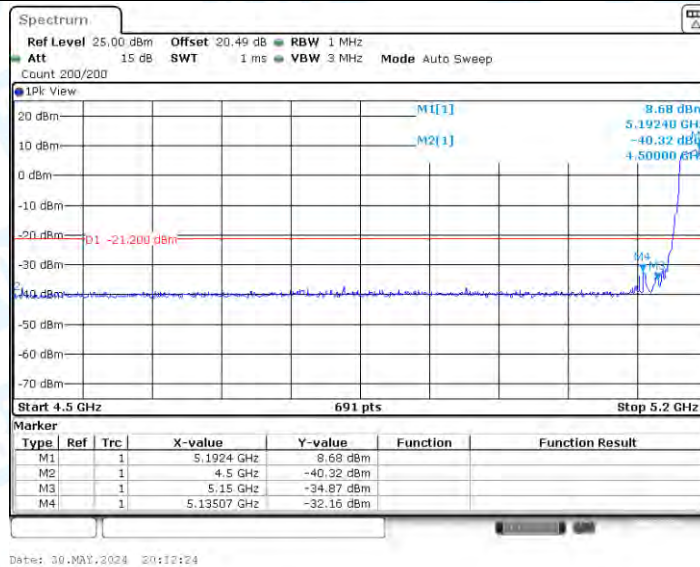
11N20SISO_Ant1_High_5825_Peak



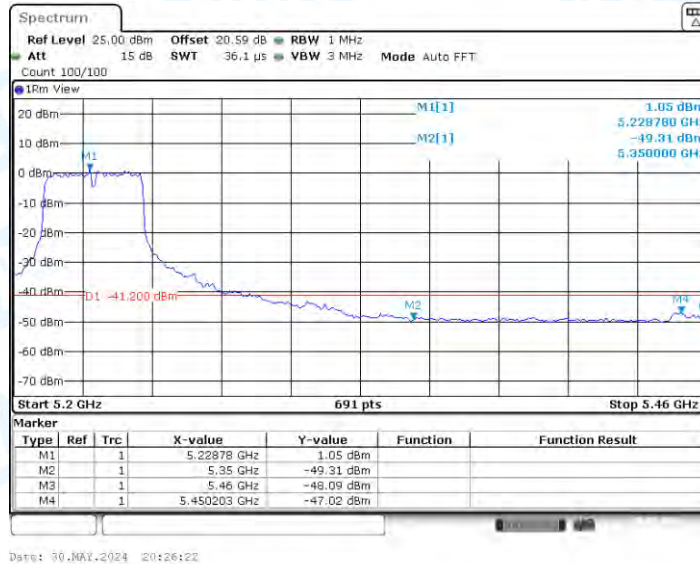
11N40SISO_Ant1_Low_5190_AV



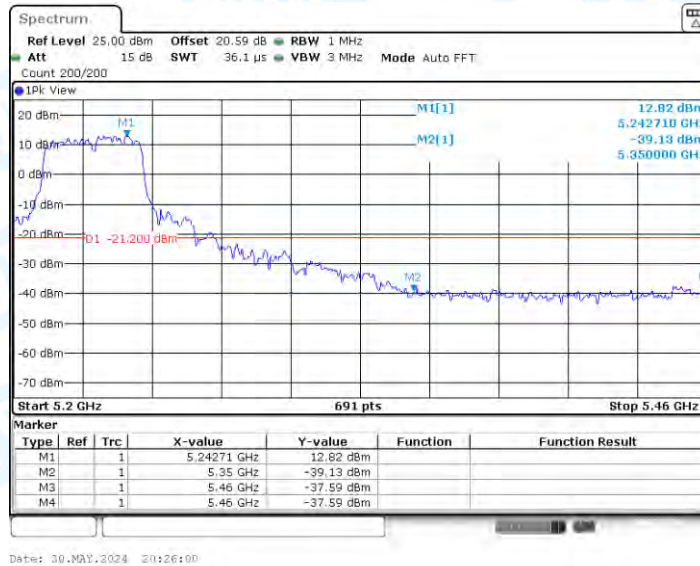
11N40SISO_Ant1_Low_5190_Peak



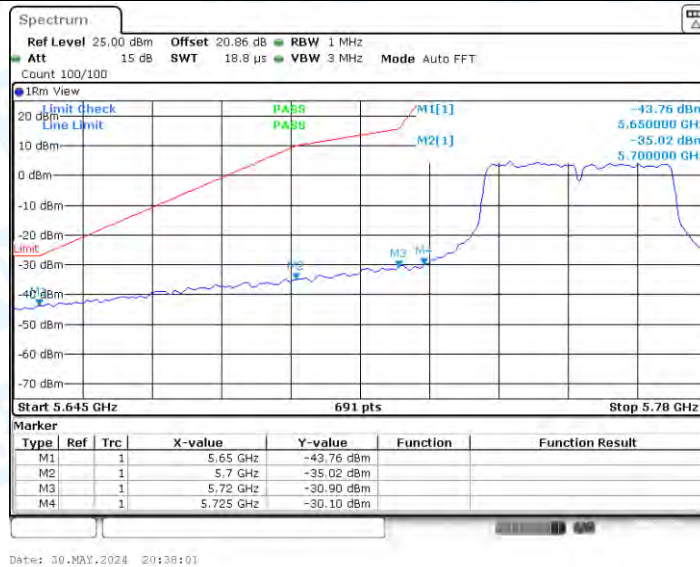
11N40SISO_Ant1_High_5230_AV



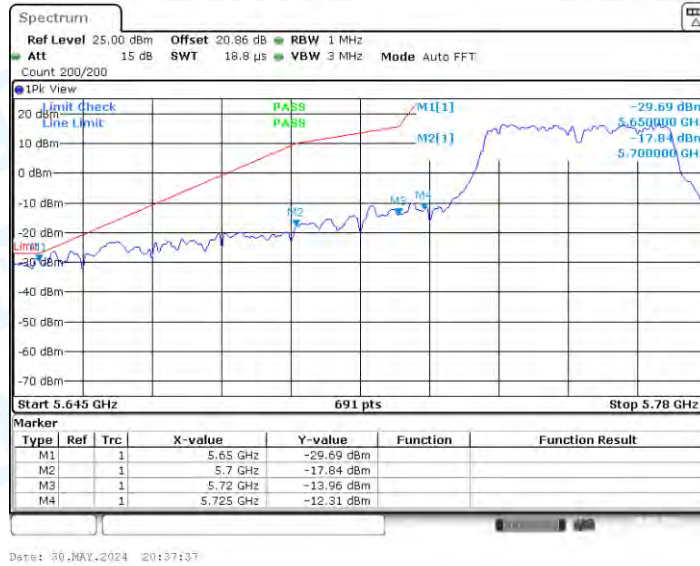
11N40SISO_Ant1_High_5230_Peak



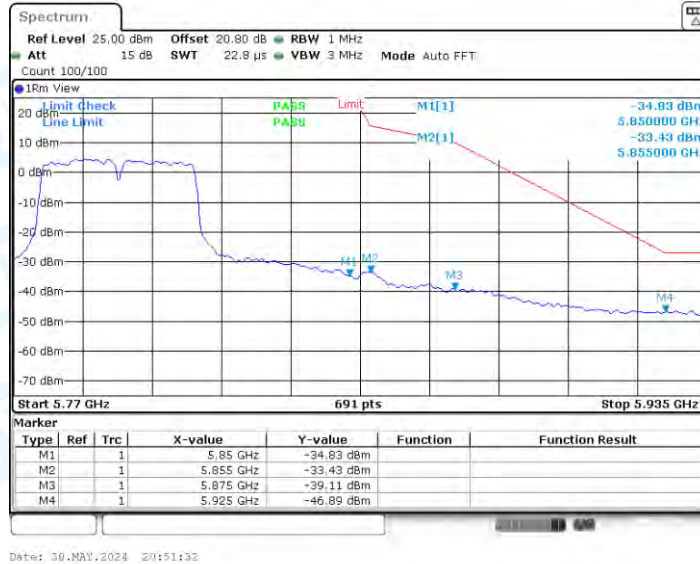
11N40SISO_Ant1_Low_5755_AV



11N40SISO_Ant1_Low_5755_Peak



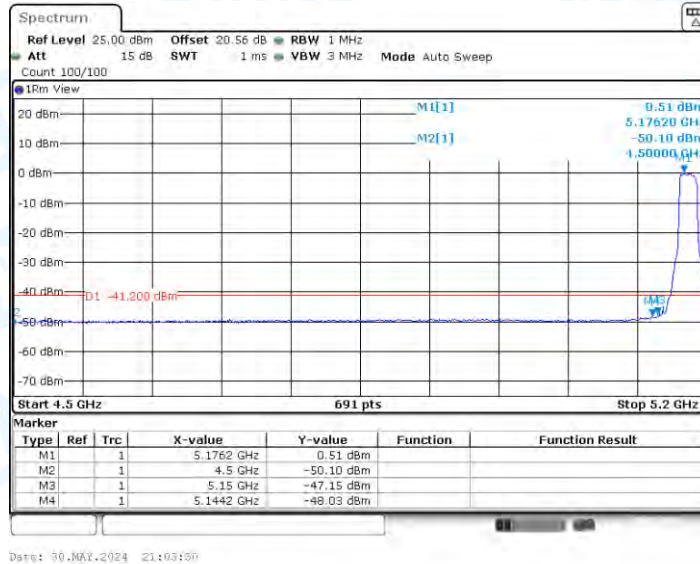
11N40SISO_Ant1_High_5795_AV



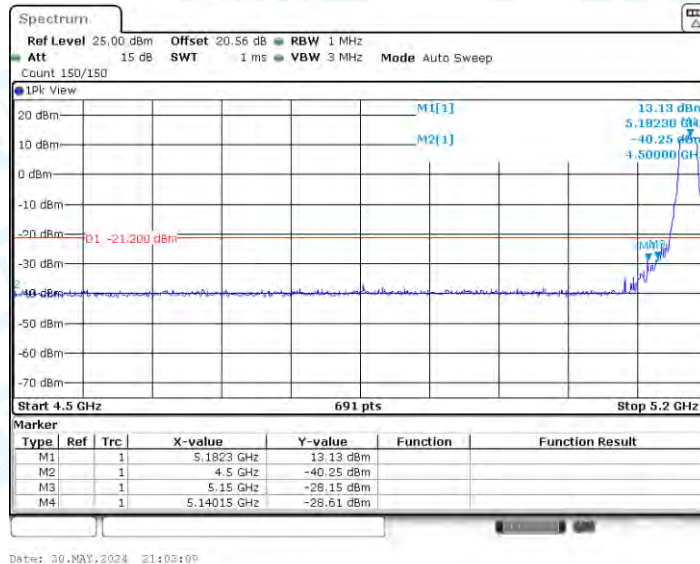
11N40SISO_Ant1_High_5795_Peak



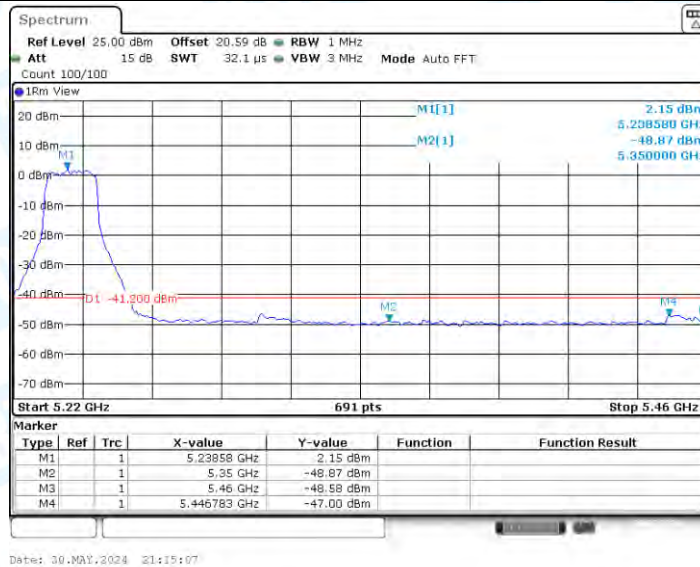
11AC20SISO_Ant1_Low_5180_AV



11AC20SISO_Ant1_Low_5180_Peak



11AC20SISO_Ant1_High_5240_AV



11AC20SISO_Ant1_High_5240_Peak