

Appendix A1: Emission Bandwidth

Test Result

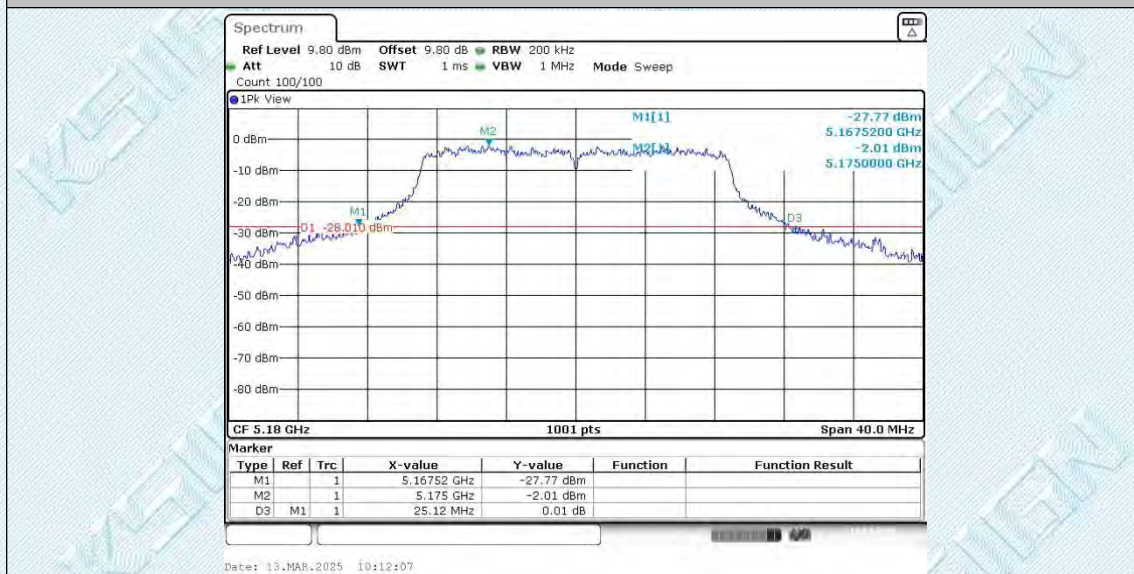
TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	25.00	5167.24	5192.24	---	---
		5220	24.92	5207.36	5232.28	---	---
		5240	24.96	5227.36	5252.32	---	---
11N20SISO	Ant1	5180	25.12	5167.52	5192.64	---	---
		5220	24.68	5207.44	5232.12	---	---
		5240	25.24	5227.52	5252.76	---	---
11N40SISO	Ant1	5190	48.48	5165.60	5214.08	---	---
		5230	48.56	5205.36	5253.92	---	---
11AC20SISO	Ant1	5180	25.16	5167.12	5192.28	---	---
		5220	24.80	5207.28	5232.08	---	---
		5240	25.08	5227.32	5252.40	---	---
11AC40SISO	Ant1	5190	50.32	5164.96	5215.28	---	---
		5230	50.08	5205.20	5255.28	---	---

Test Graphs

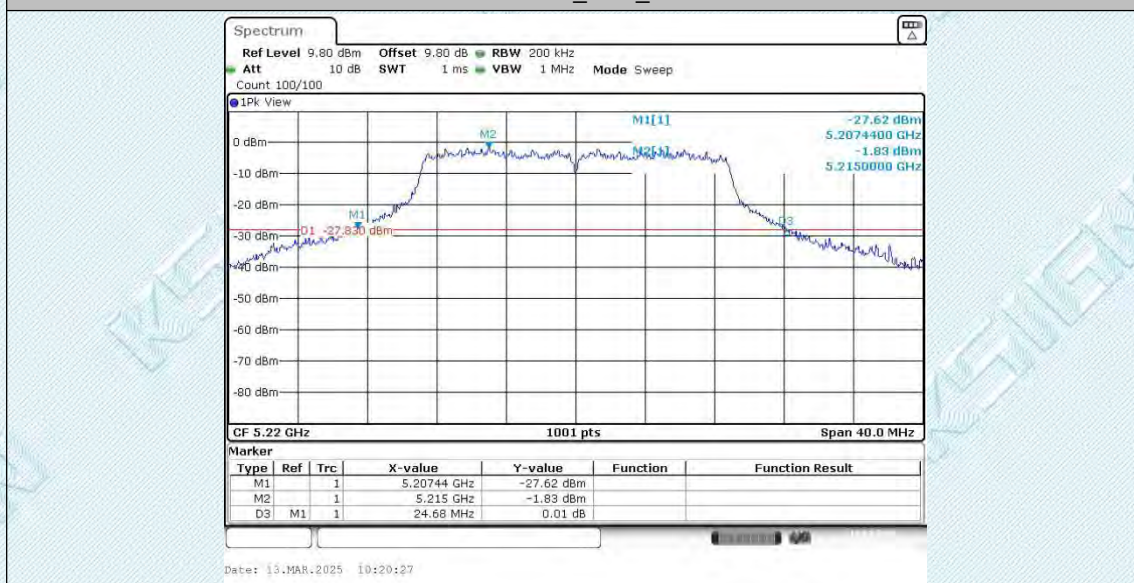




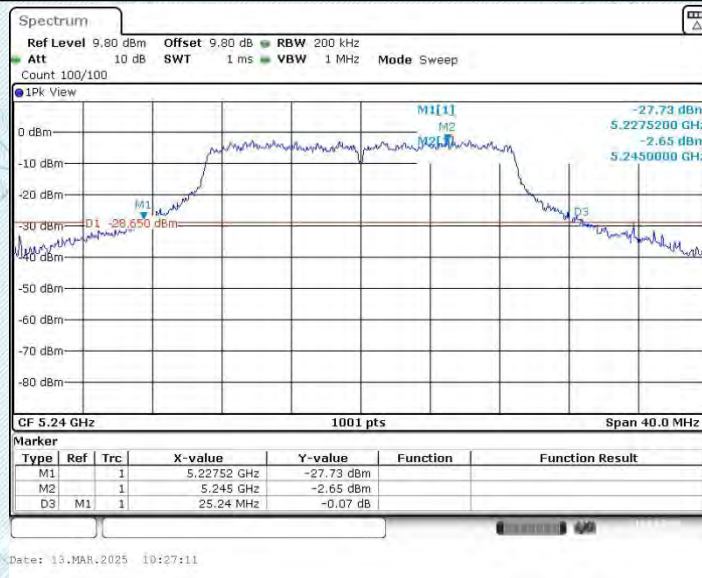
11N20SISO_Ant1_5180



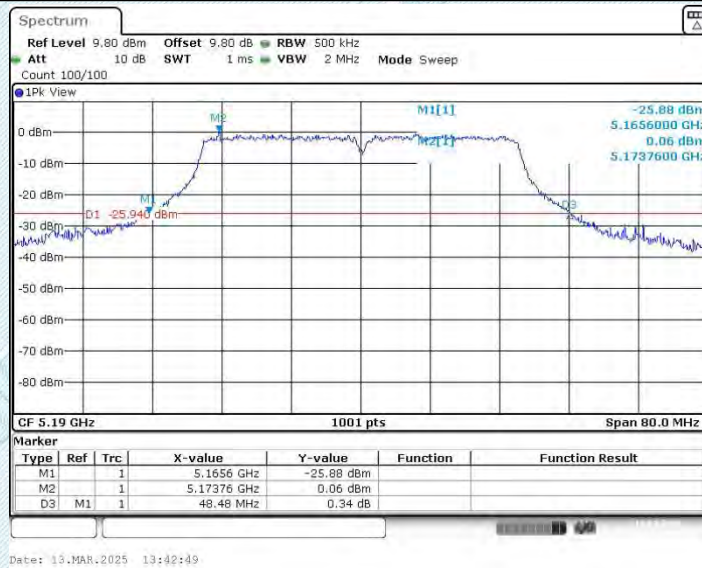
11N20SISO_Ant1_5220



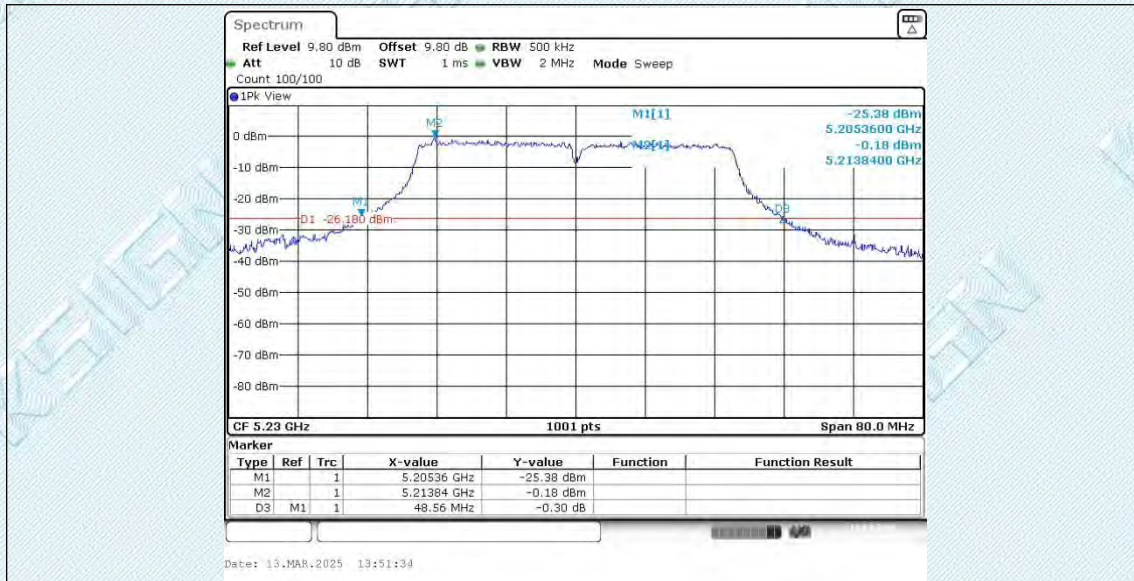
11N20SISO_Ant1_5240



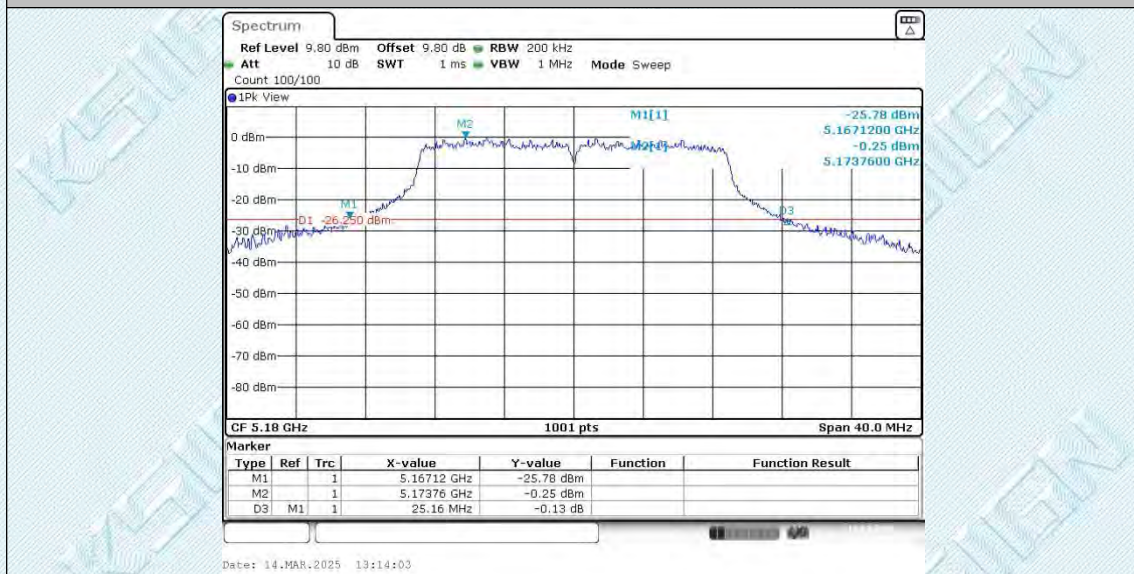
11N40SISO_Ant1_5190



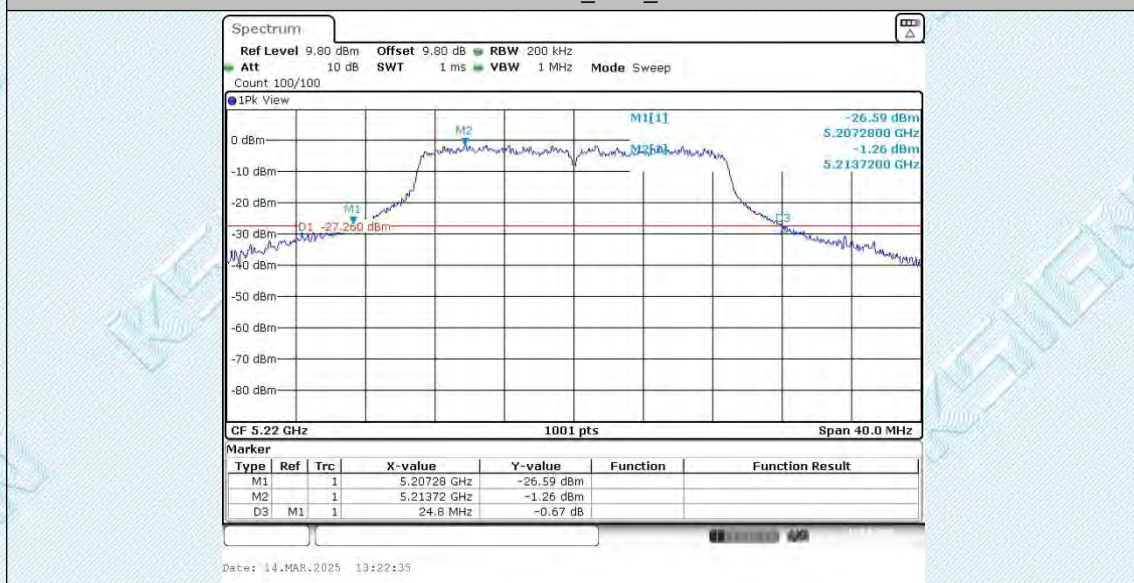
11N40SISO_Ant1_5230



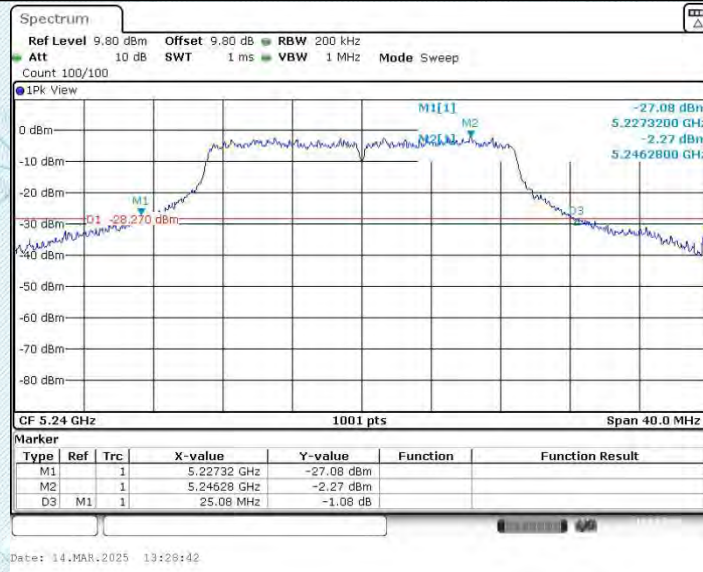
11AC20SISO_Ant1_5180



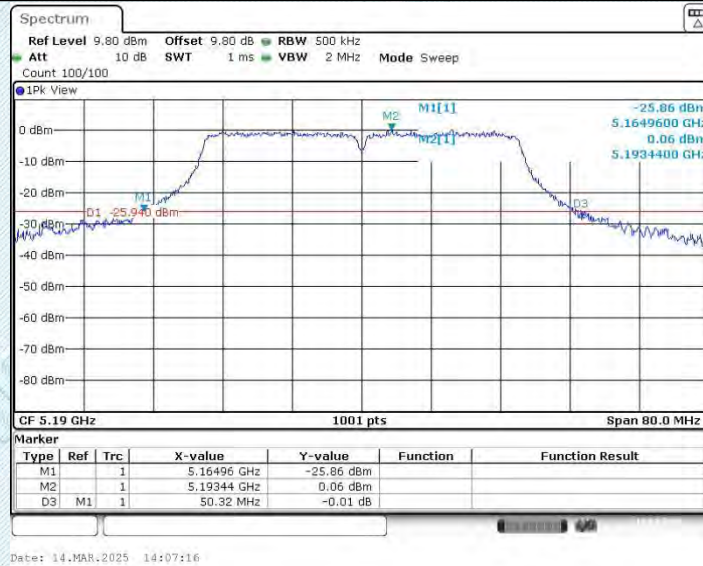
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



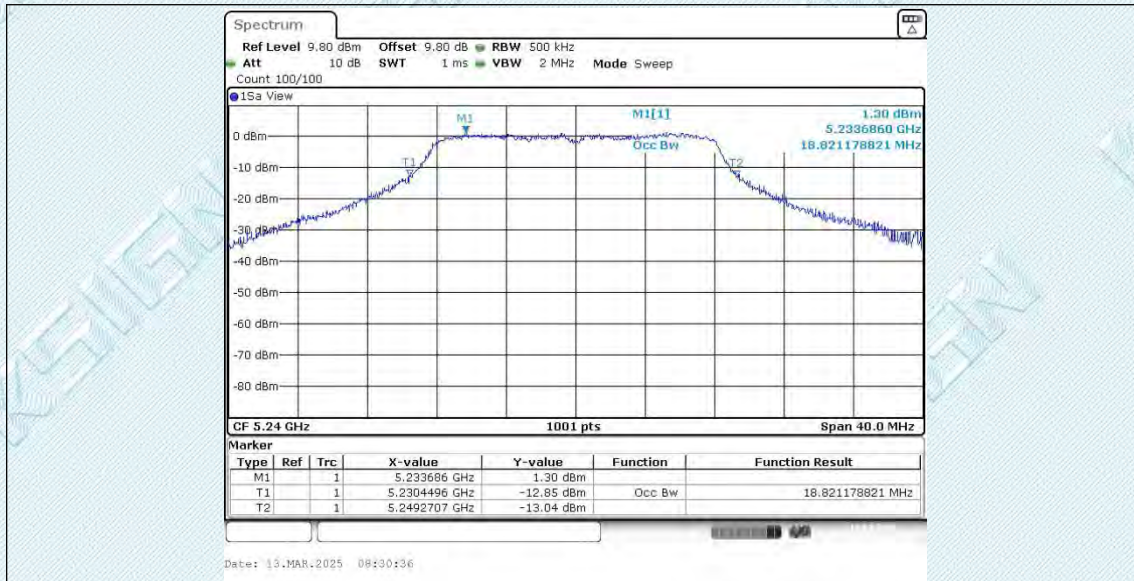
Appendix A2: Occupied channel bandwidth

Test Result

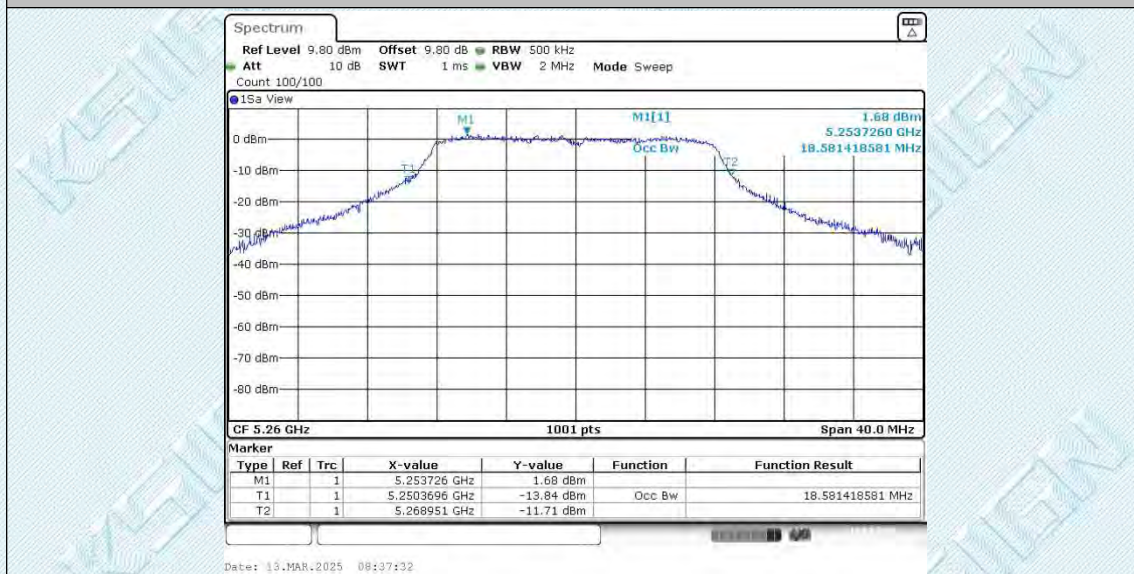
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.701	5170.410	5189.111	---	---
		5220	18.701	5210.250	5228.951	---	---
		5240	18.821	5230.450	5249.271	---	---
		5745	19.5	5735.090	5754.590	---	---
		5785	18.941	5775.250	5794.191	---	---
		5825	19.181	5814.930	5834.111	---	---
11N20SISO	Ant1	5180	19.62	5170.170	5189.790	---	---
		5220	19.54	5210.050	5229.590	---	---
		5240	19.78	5230.130	5249.910	---	---
		5745	20.26	5734.890	5755.150	---	---
		5785	19.82	5774.970	5794.790	---	---
		5825	19.94	5814.810	5834.750	---	---
11N40SISO	Ant1	5190	37.962	5170.899	5208.861	---	---
		5230	37.962	5210.819	5248.781	---	---
		5755	38.442	5735.819	5774.261	---	---
		5795	38.042	5775.739	5813.781	---	---
11AC20SISO	Ant1	5180	19.62	5170.090	5189.710	---	---
		5220	19.7	5209.930	5229.630	---	---
		5240	19.74	5230.210	5249.950	---	---
		5745	20.06	5735.010	5755.070	---	---
		5785	19.86	5774.970	5794.830	---	---
		5825	20.06	5814.730	5834.790	---	---
11AC40SISO	Ant1	5190	38.042	5170.899	5208.941	---	---
		5230	38.202	5210.739	5248.941	---	---
		5755	38.442	5735.899	5774.341	---	---
		5795	38.042	5775.659	5813.701	---	---

Test Graphs

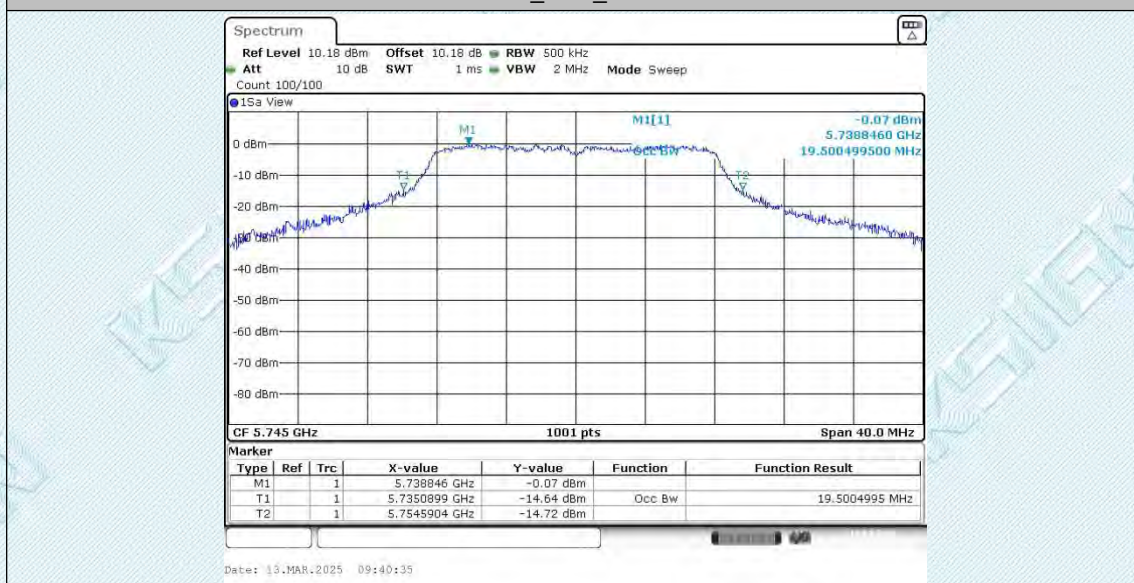




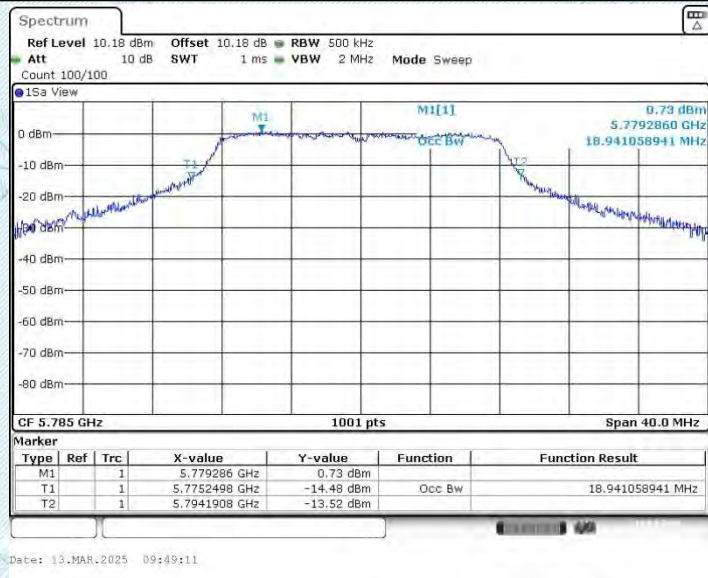
11A_Ant1_5260



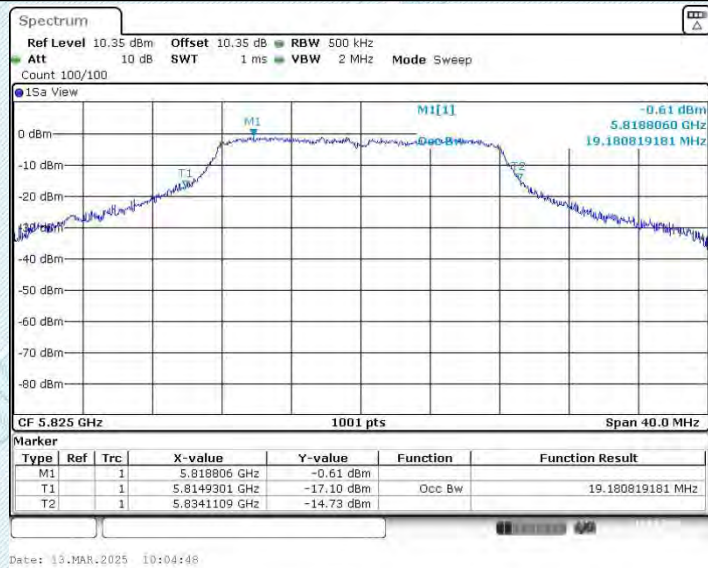
11A_Ant1_5745



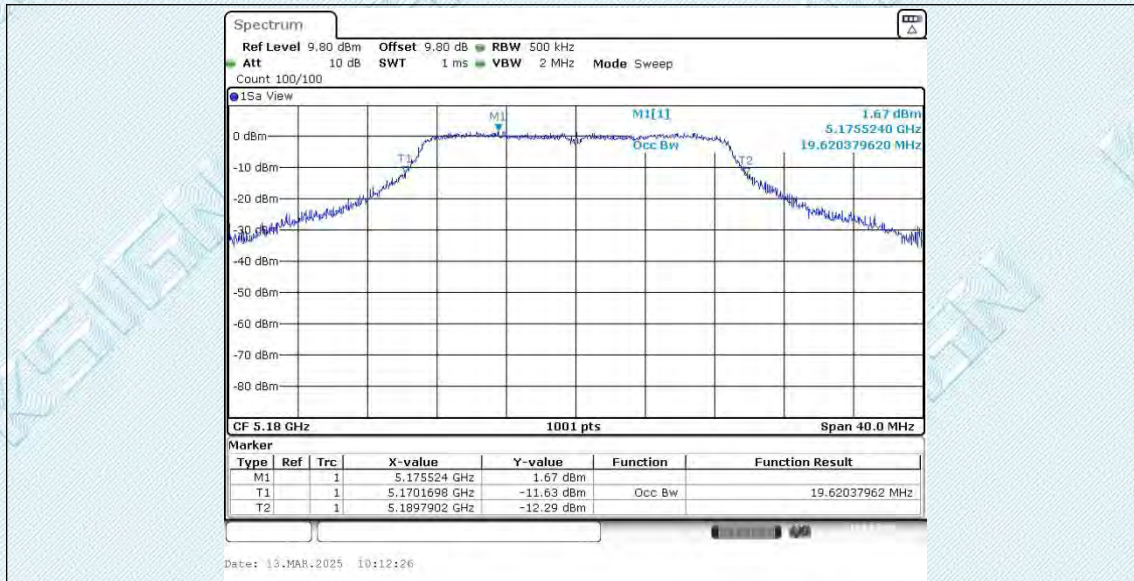
11A_Ant1_5785



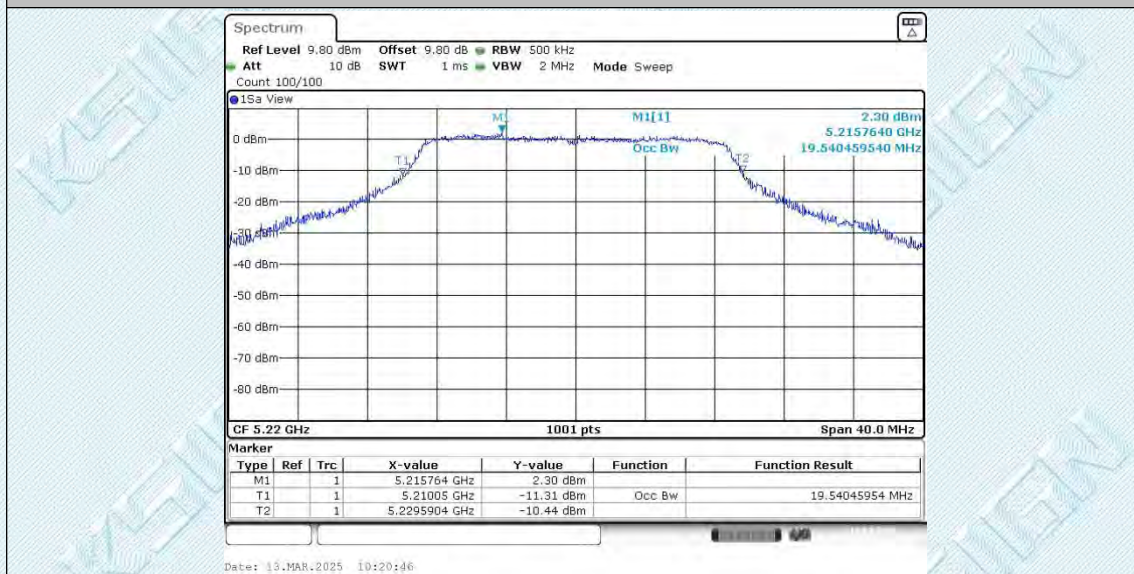
11A_Ant1_5825



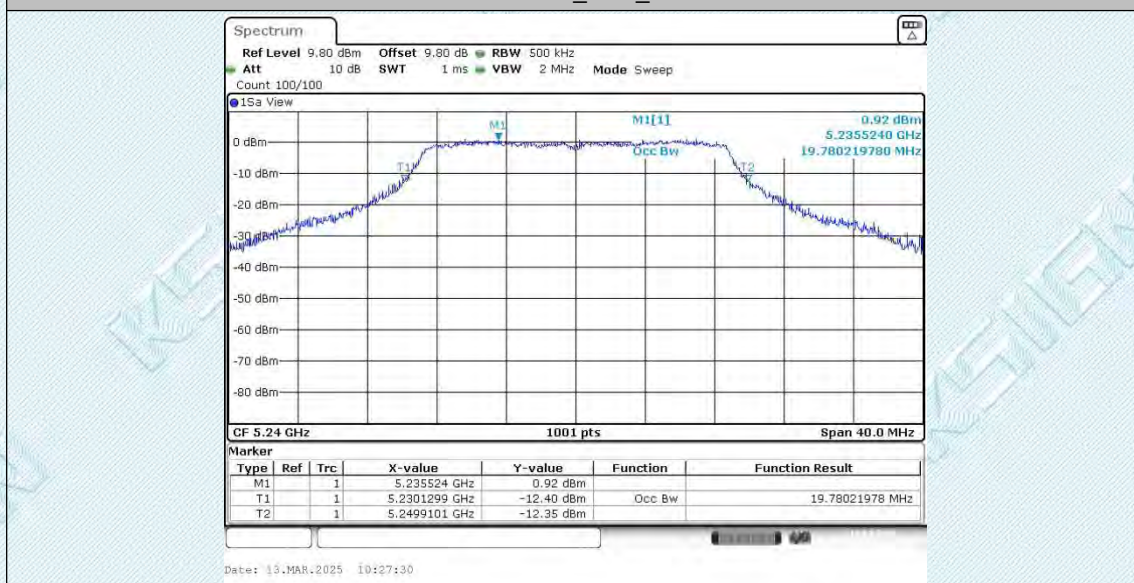
11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



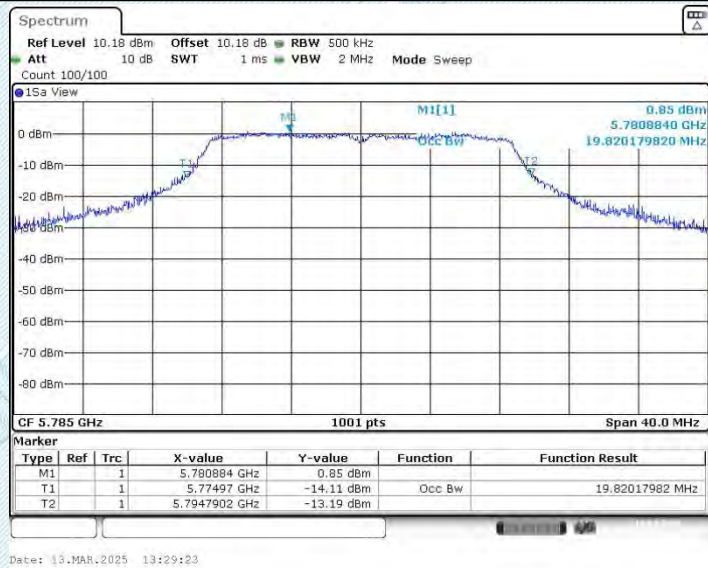
11N20SISO_Ant1_5240



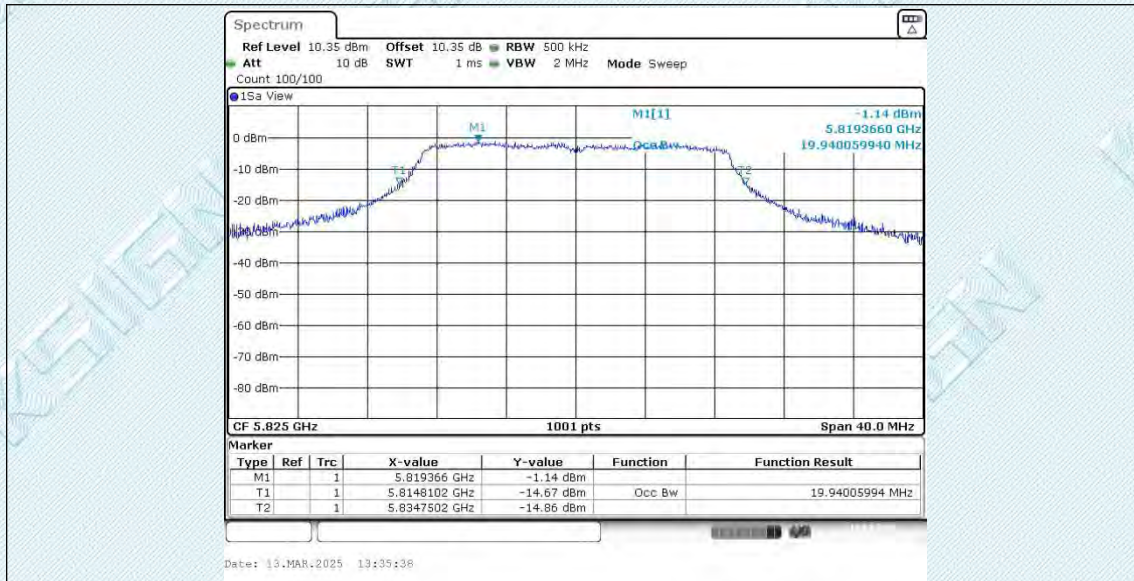
11N20SISO_Ant1_5745



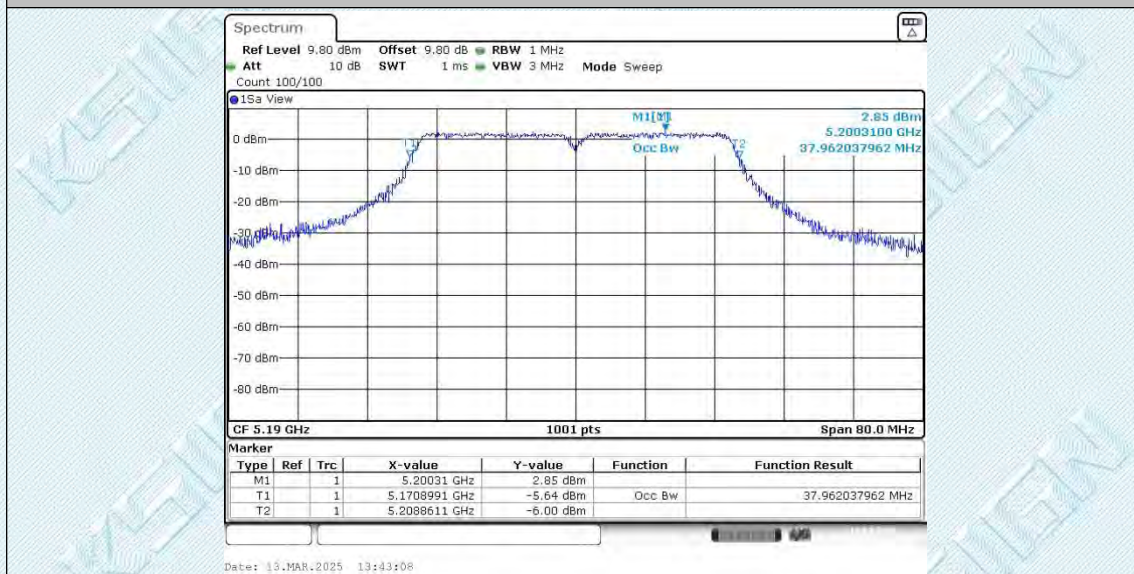
11N20SISO_Ant1_5785



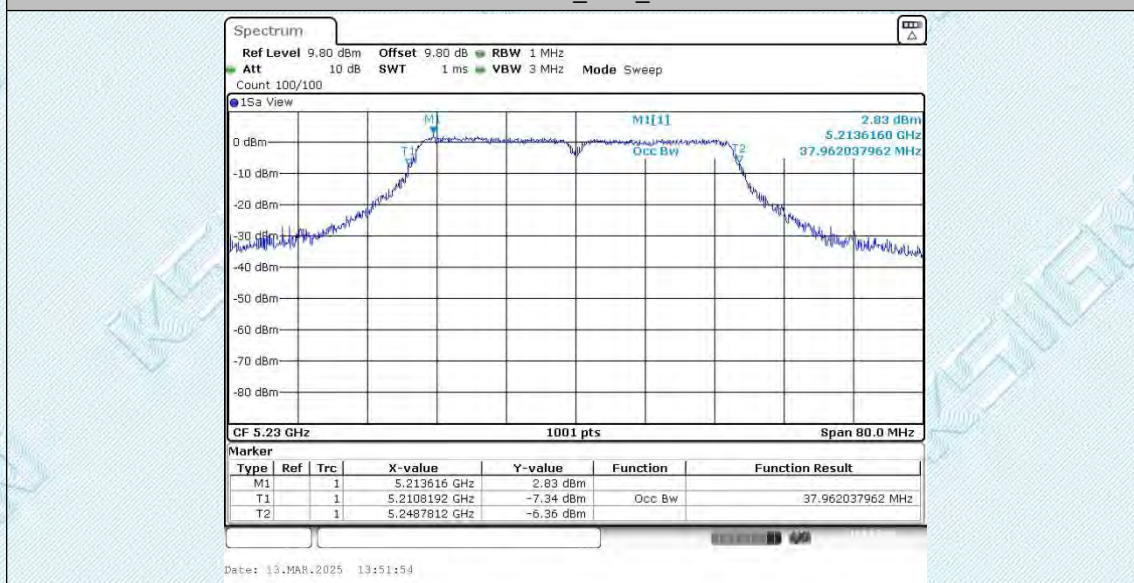
11N20SISO_Ant1_5825



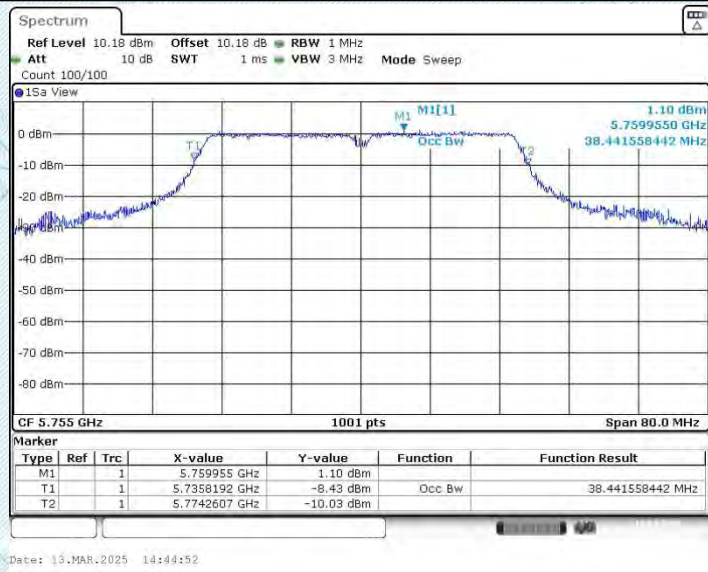
11N40SISO_Ant1_5190



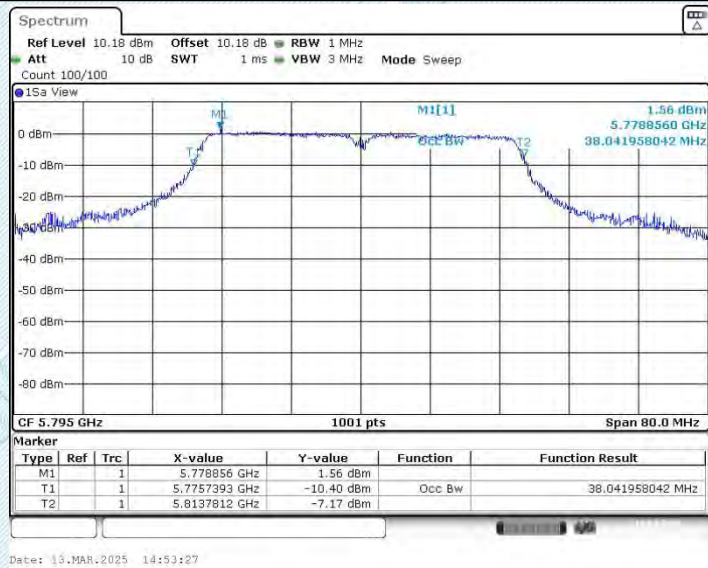
11N40SISO_Ant1_5230



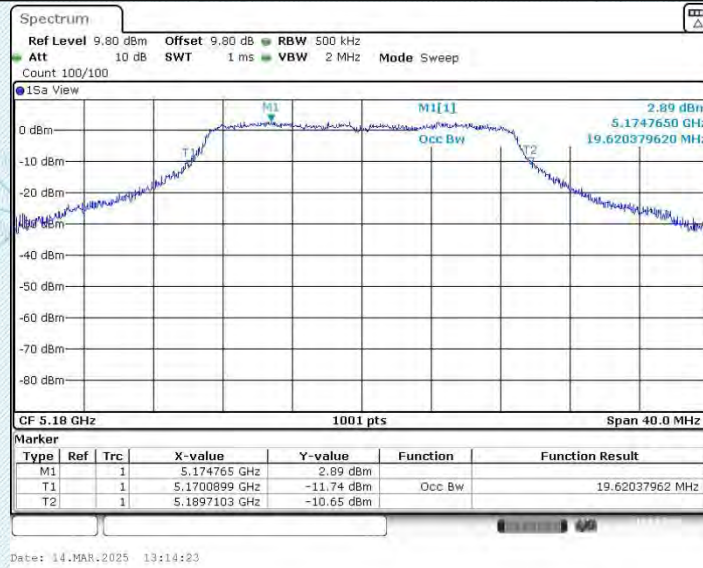
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



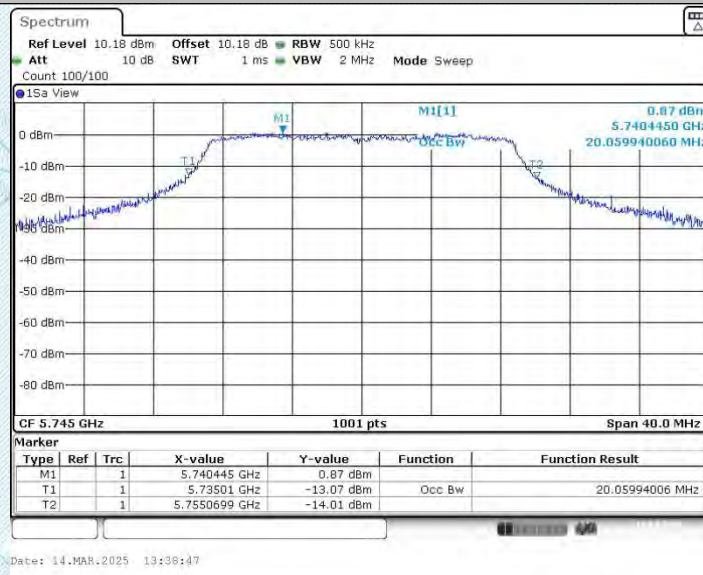
11AC20SISO_Ant1_5220



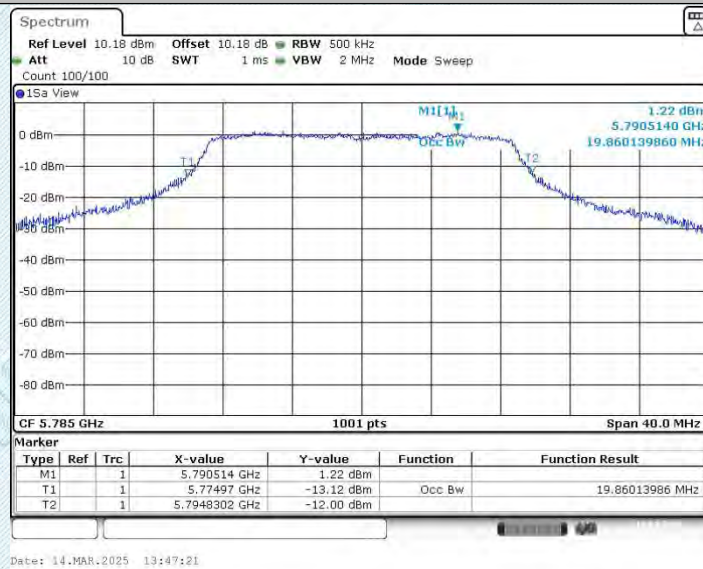
11AC20SISO_Ant1_5240



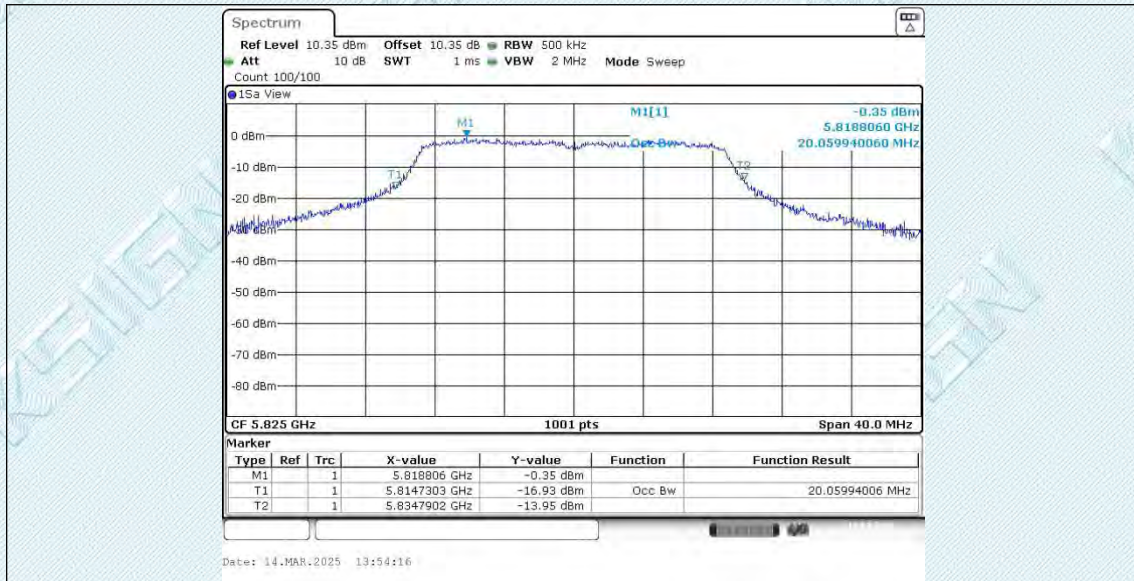
11AC20SISO_Ant1_5745



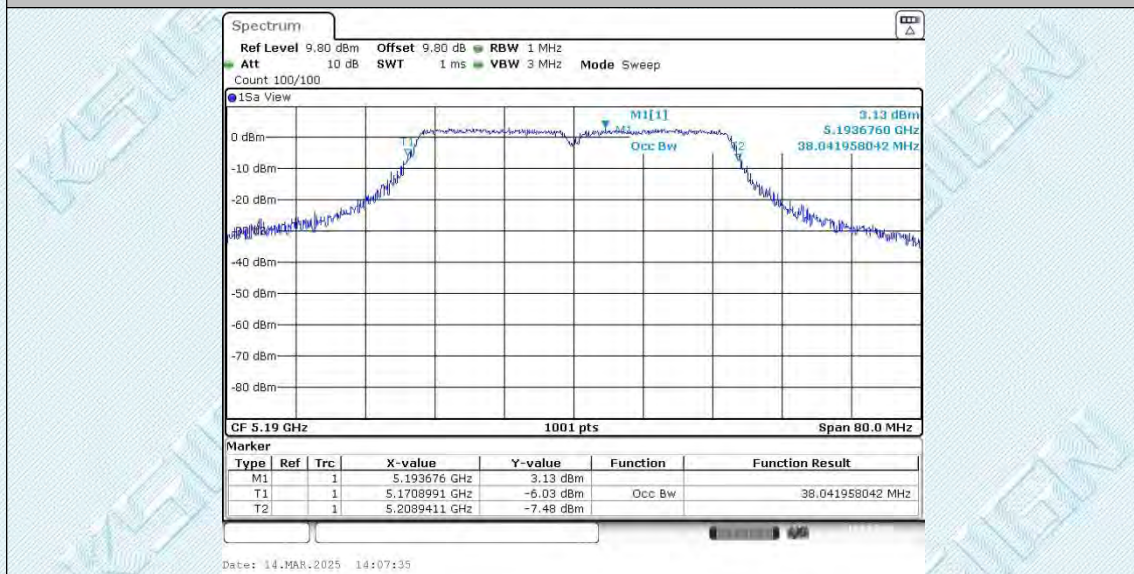
11AC20SISO_Ant1_5785



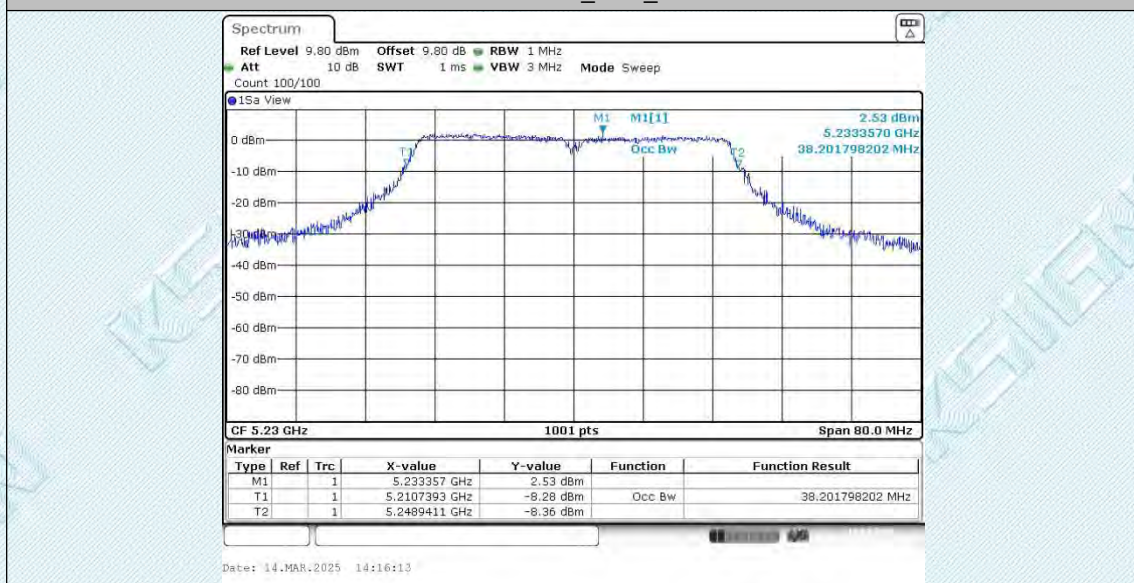
11AC20SISO_Ant1_5825



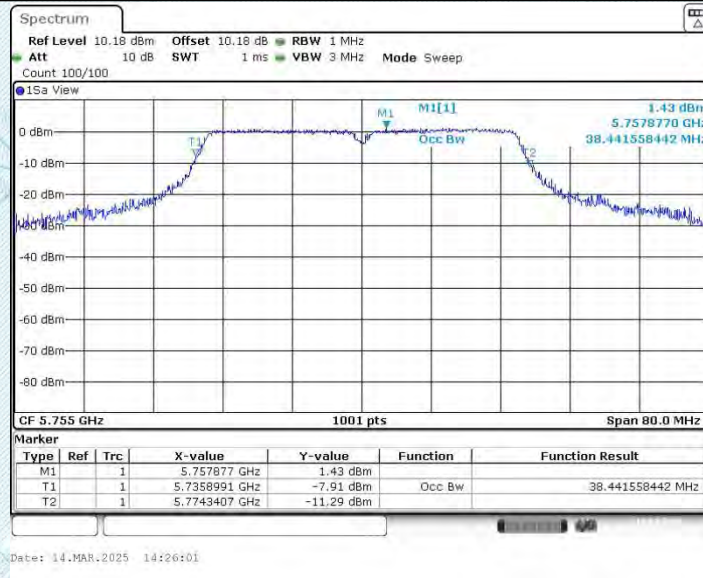
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



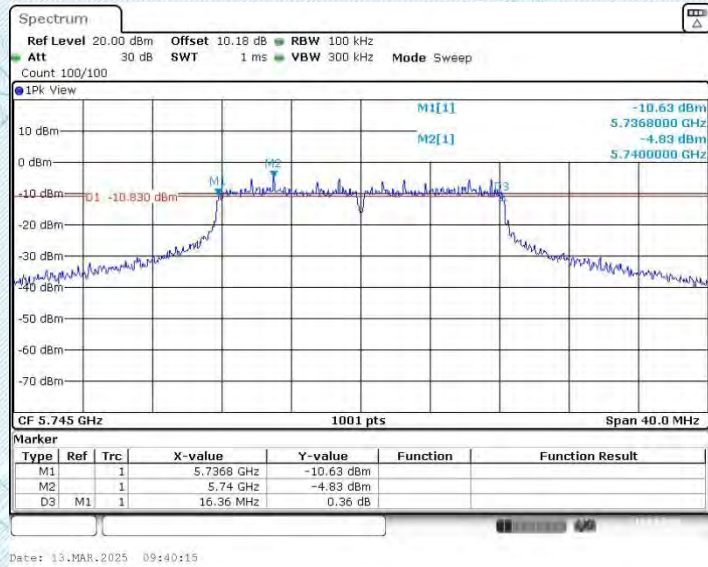
Appendix A3: Min emission bandwidth

Test Result B4

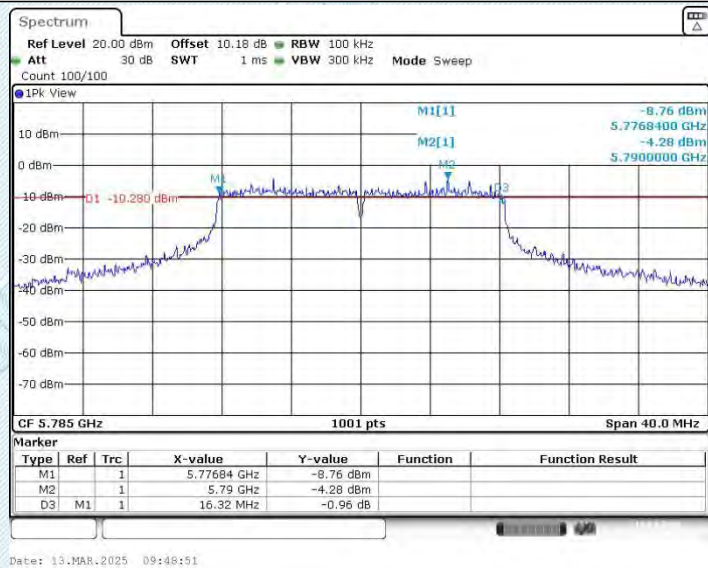
TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.36	5736.80	5753.16	0.5	PASS
		5785	16.32	5776.84	5793.16	0.5	PASS
		5825	16.36	5816.80	5833.16	0.5	PASS
11N20SISO	Ant1	5745	17.60	5736.20	5753.80	0.5	PASS
		5785	17.56	5776.20	5793.76	0.5	PASS
		5825	17.56	5816.20	5833.76	0.5	PASS
11N40SISO	Ant1	5755	36.32	5736.84	5773.16	0.5	PASS
		5795	36.32	5776.84	5813.16	0.5	PASS
11AC20SISO	Ant1	5745	17.56	5736.20	5753.76	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	36.32	5736.84	5773.16	0.5	PASS
		5795	36.32	5776.84	5813.16	0.5	PASS

Test Graphs B4

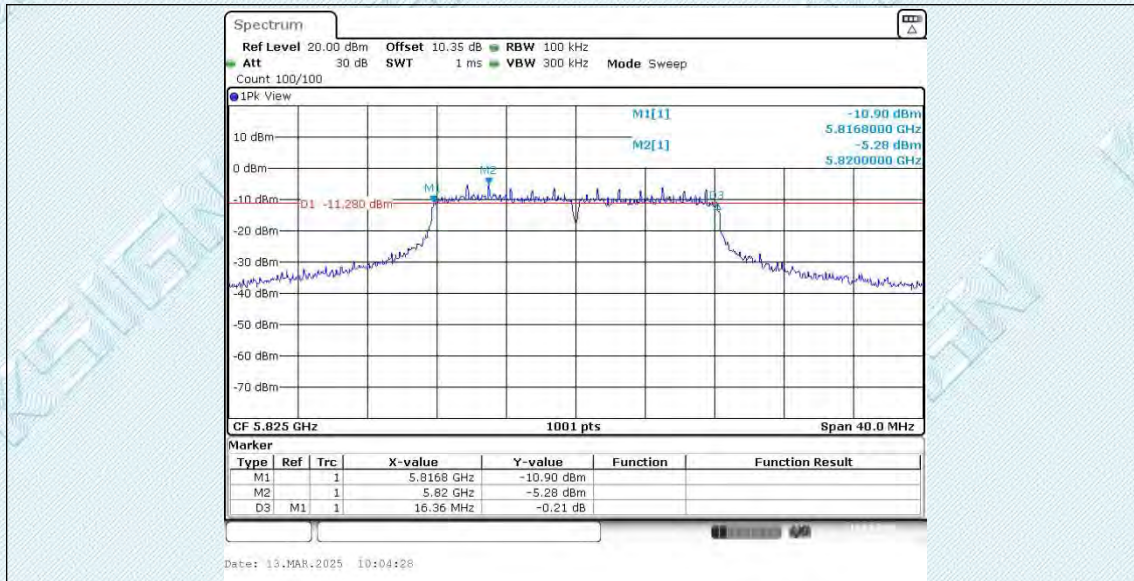
11A_Ant1_5745



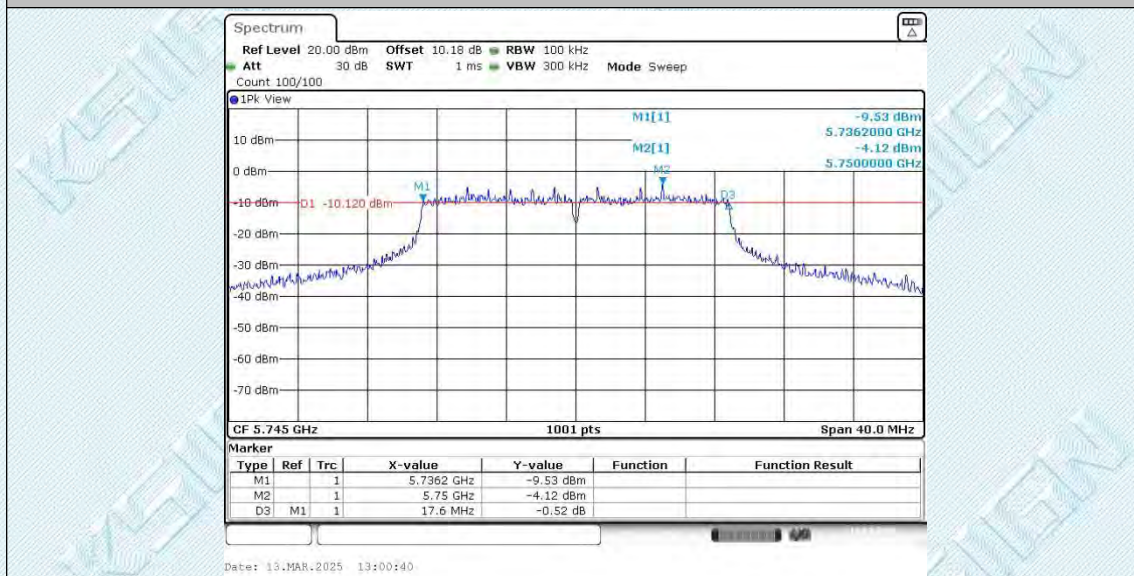
11A_Ant1_5785



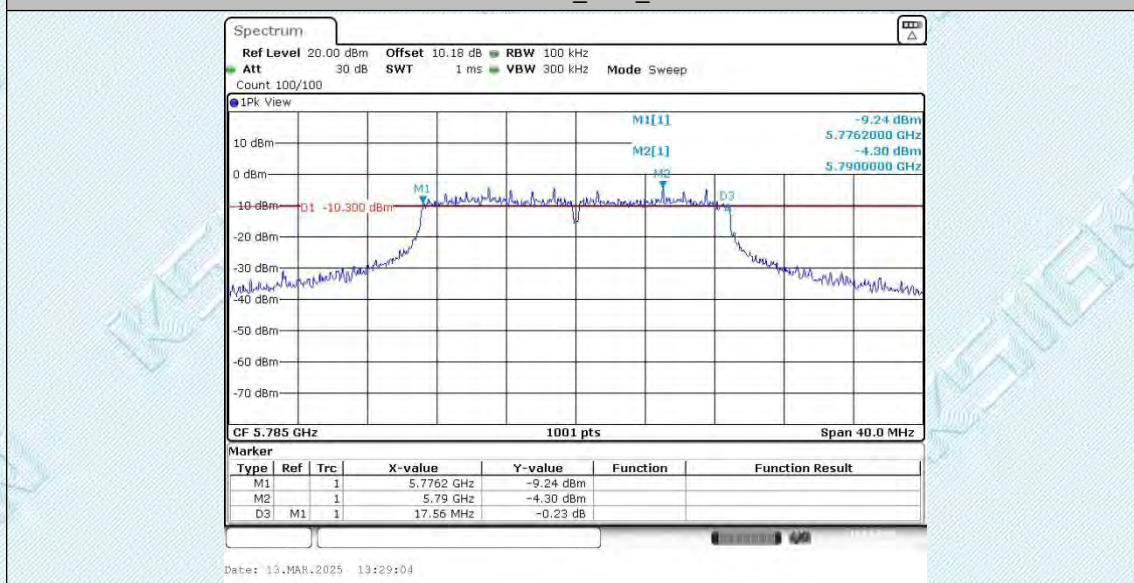
11A_Ant1_5825



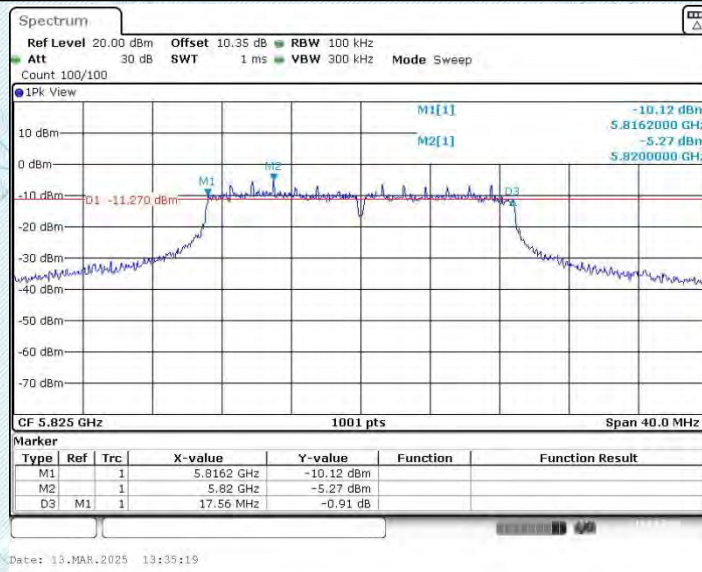
11N20SISO_Ant1_5745



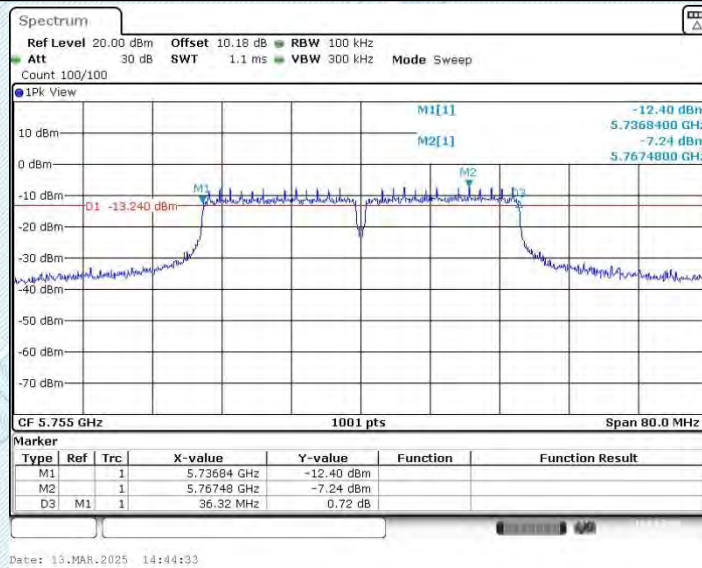
11N20SISO_Ant1_5785



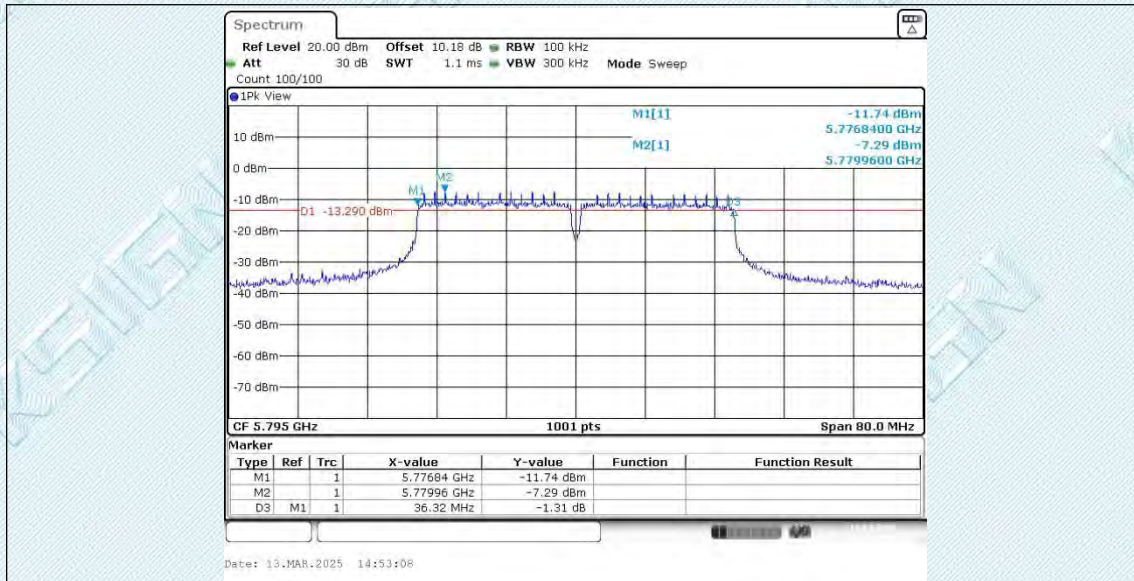
11N20SISO_Ant1_5825



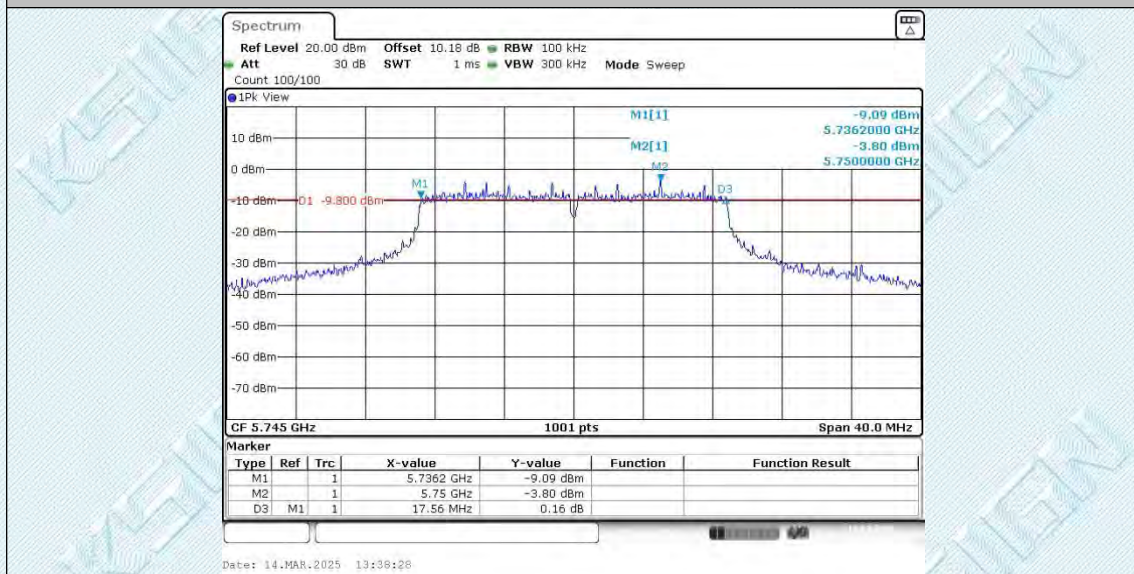
11N40SISO_Ant1_5755



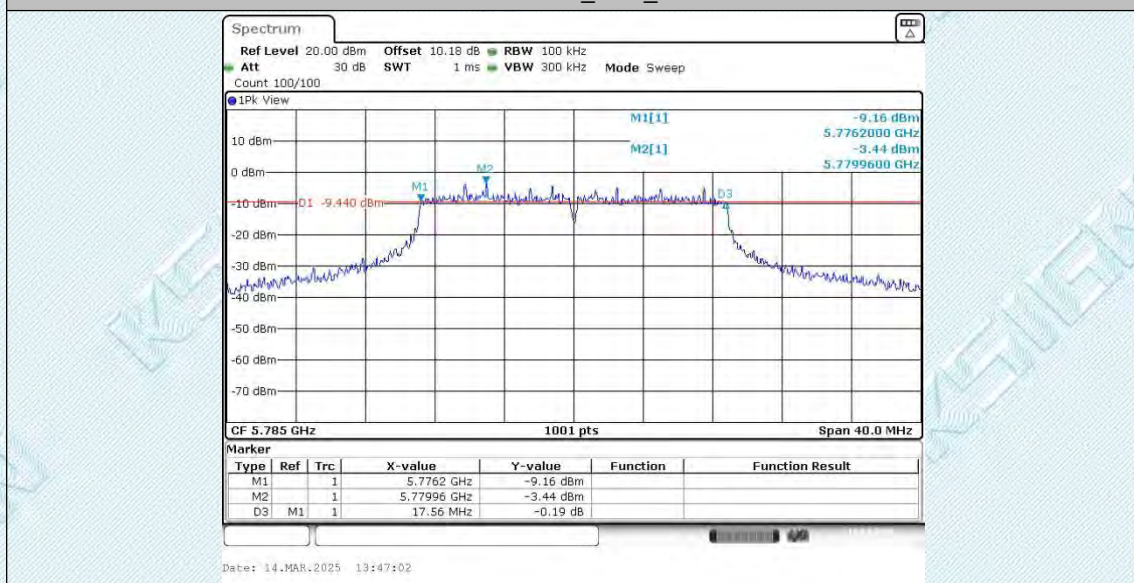
11N40SISO_Ant1_5795



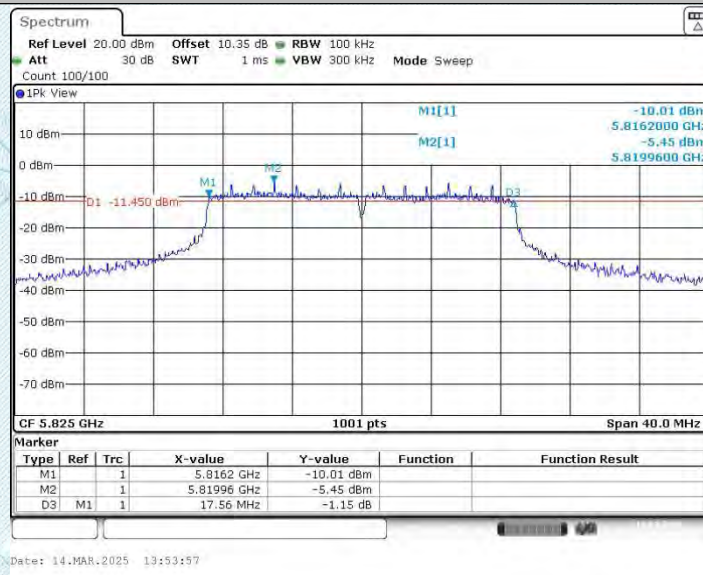
11AC20SISO_Ant1_5745



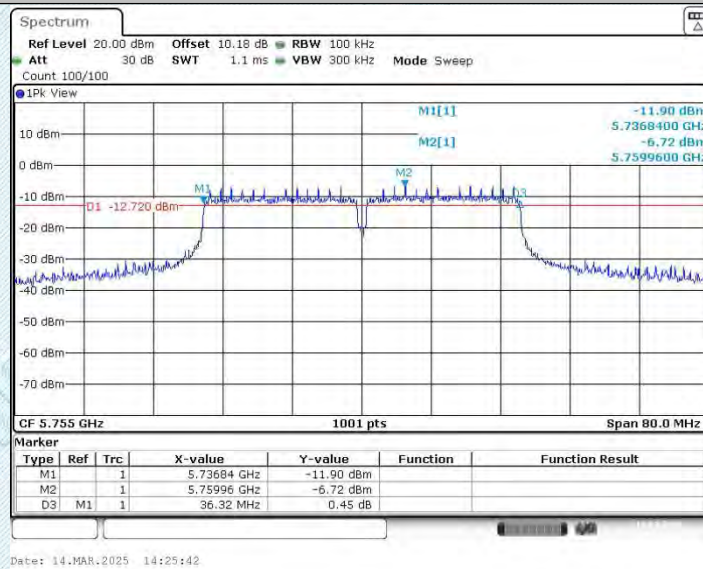
11AC20SISO_Ant1_5785



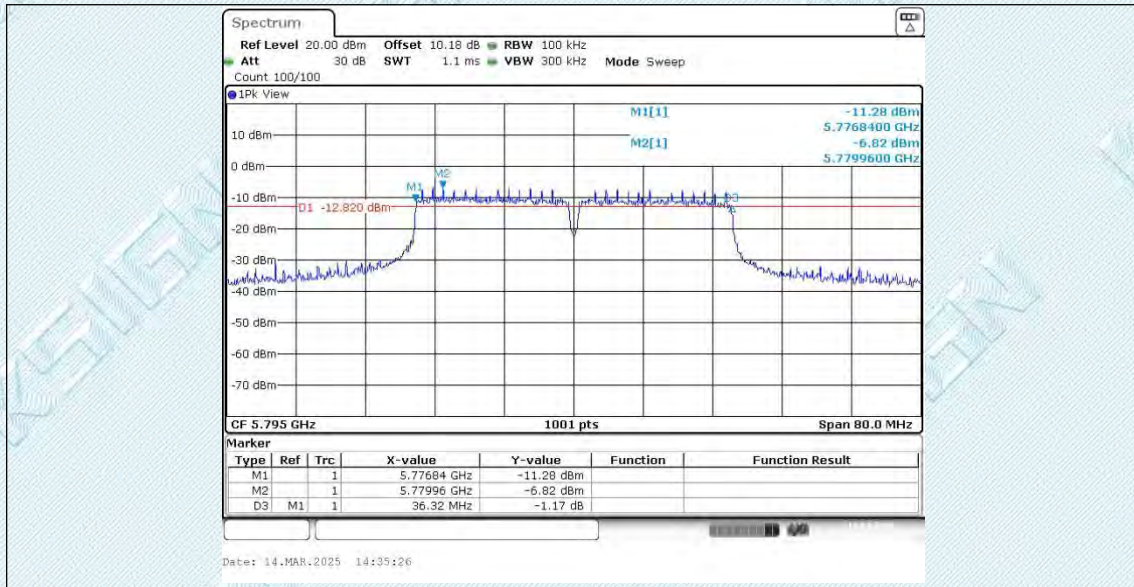
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



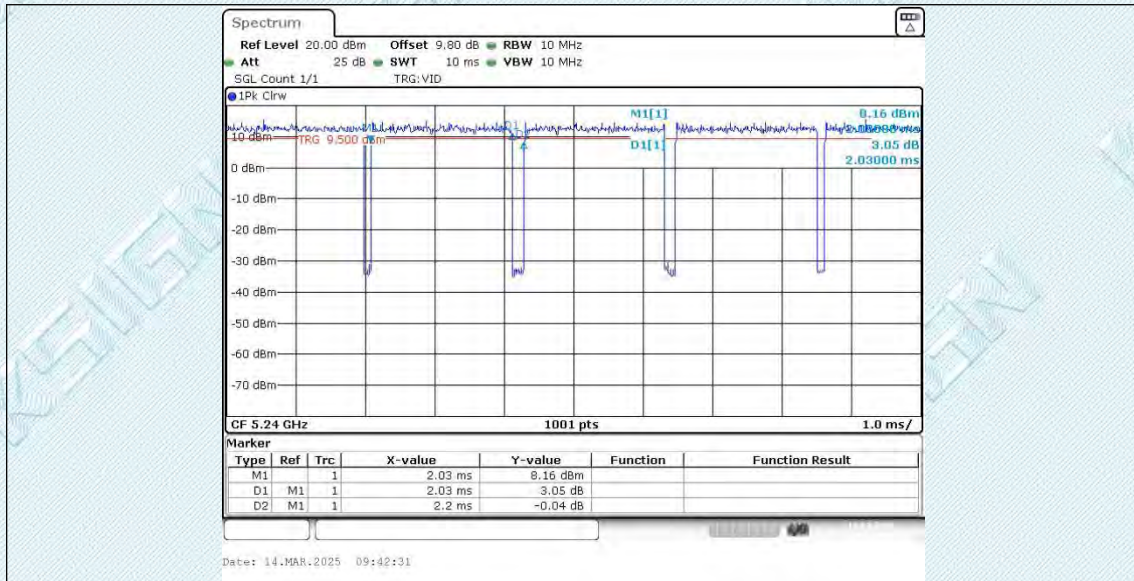
Appendix B: Duty Cycle

Test Result

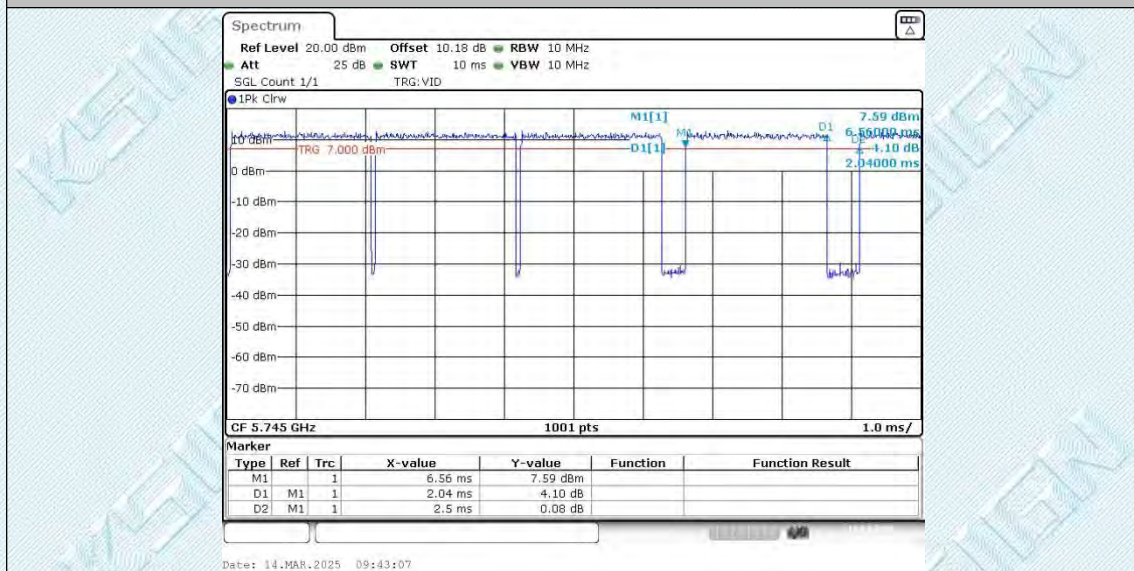
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.04	2.18	93.58
		5220	2.03	2.17	93.55
		5240	2.03	2.20	92.27
		5745	2.04	2.50	81.60
		5785	2.03	2.16	93.98
		5825	2.04	2.22	91.89
11N20SISO	Ant1	5180	1.90	2.05	92.68
		5220	1.89	2.02	93.56
		5240	1.89	2.07	91.30
		5745	1.89	2.14	88.32
		5785	1.89	2.11	89.57
		5825	1.89	2.01	94.03
11N40SISO	Ant1	5190	0.93	1.07	86.92
		5230	0.94	1.10	85.45
		5755	0.93	1.06	87.74
		5795	0.93	1.06	87.74
11AC20SISO	Ant1	5180	1.90	2.01	94.53
		5220	1.90	2.06	92.23
		5240	1.90	2.02	94.06
		5745	1.90	2.10	90.48
		5785	1.90	2.13	89.20
		5825	1.90	2.01	94.53
11AC40SISO	Ant1	5190	0.93	1.12	83.04
		5230	0.93	1.10	84.55
		5755	0.93	1.09	85.32
		5795	0.94	1.13	83.19

Test Graphs

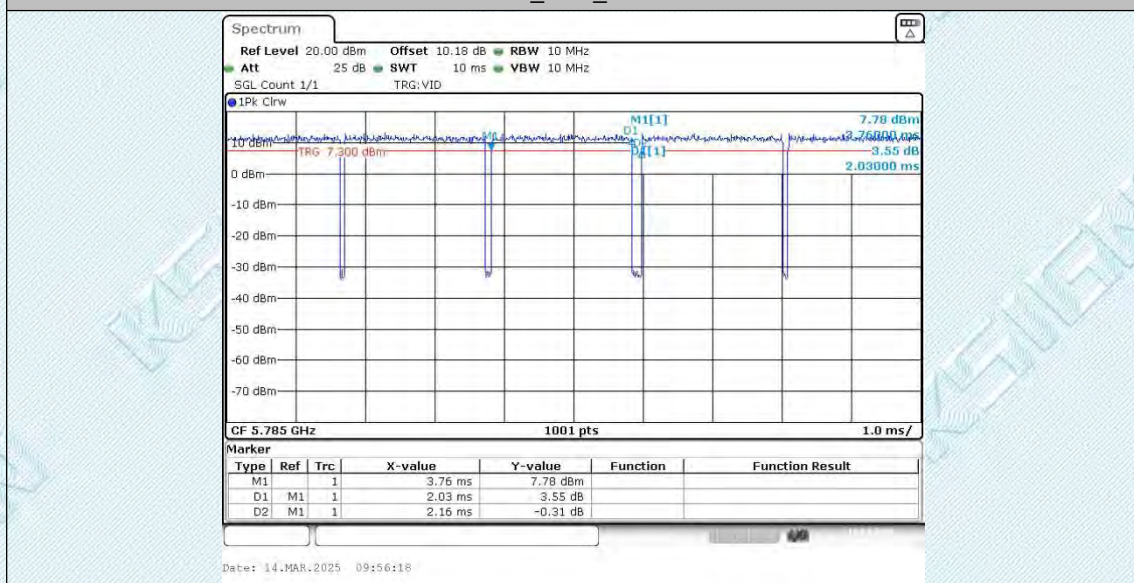




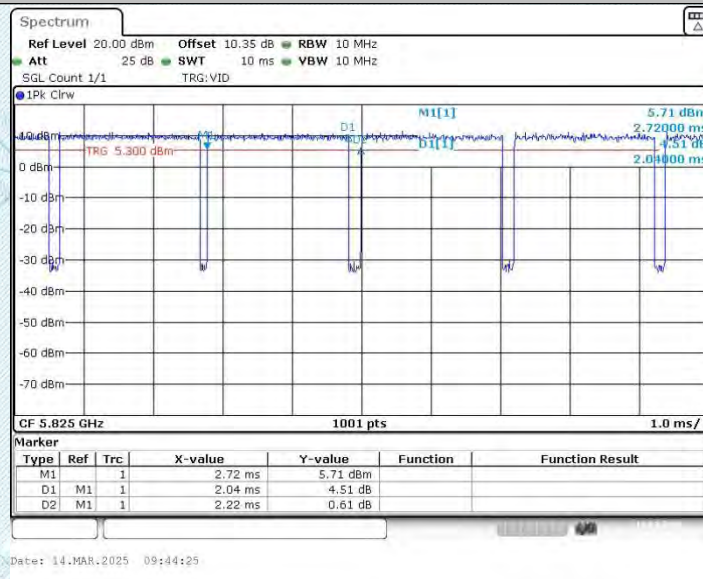
11A_Ant1_5745



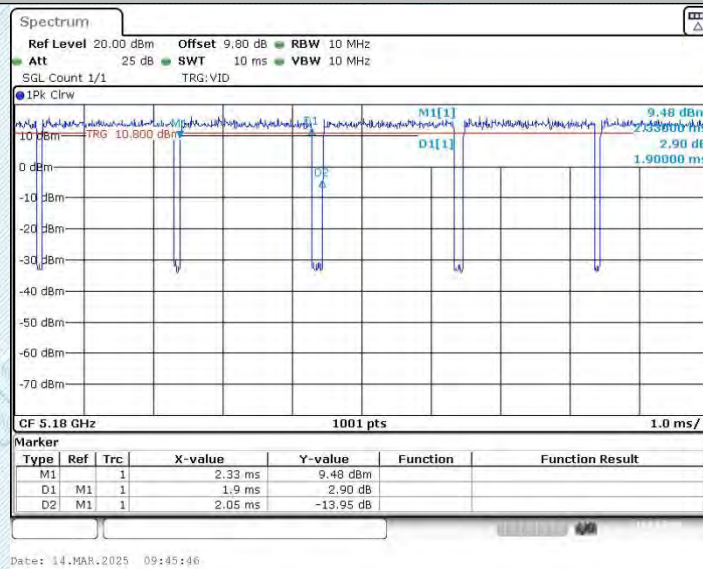
11A_Ant1_5785



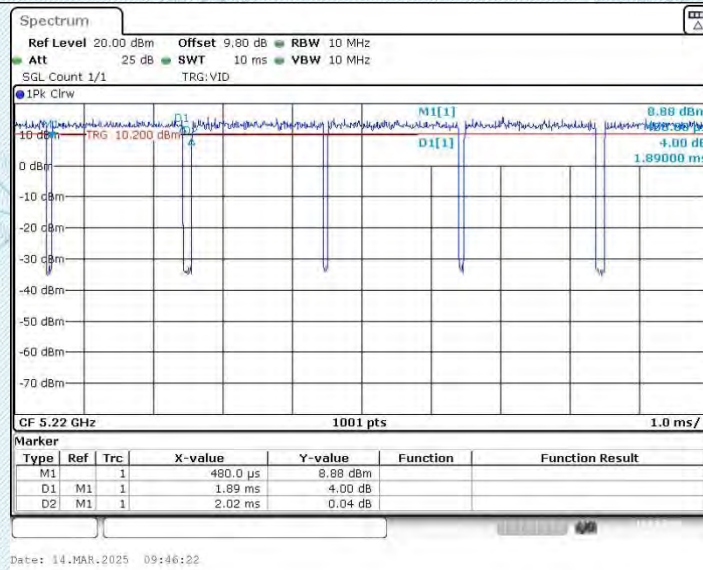
11A_Ant1_5825



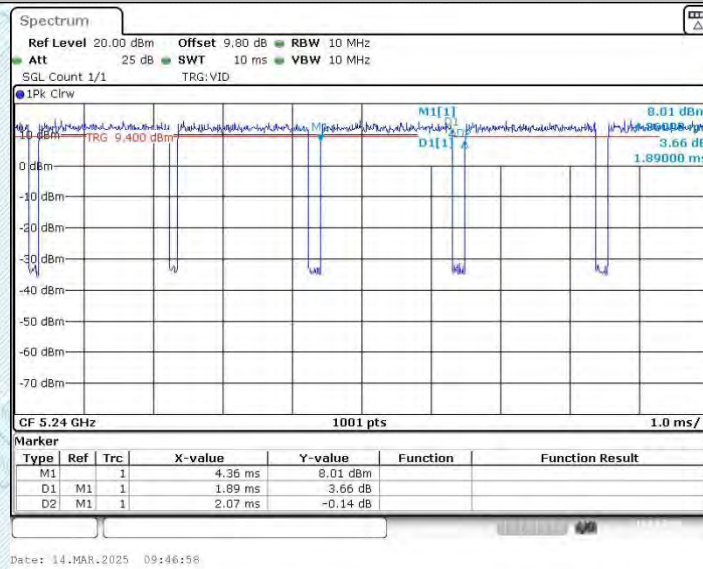
11N20SISO_Ant1_5180



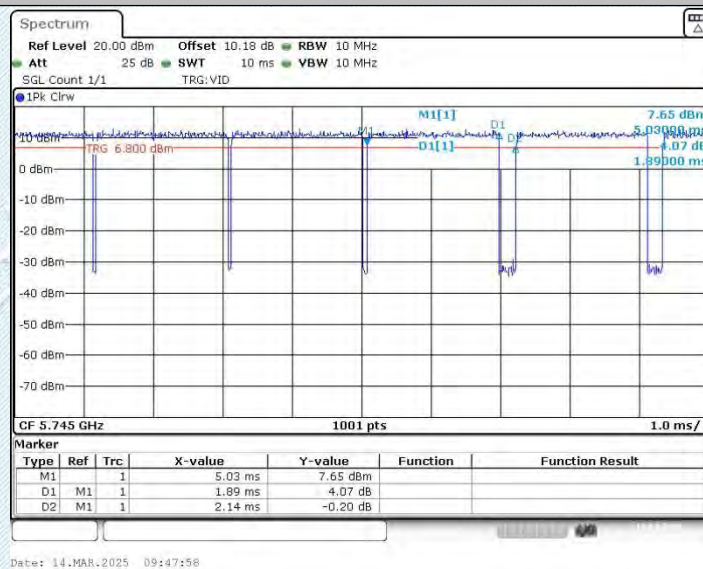
11N20SISO_Ant1_5220



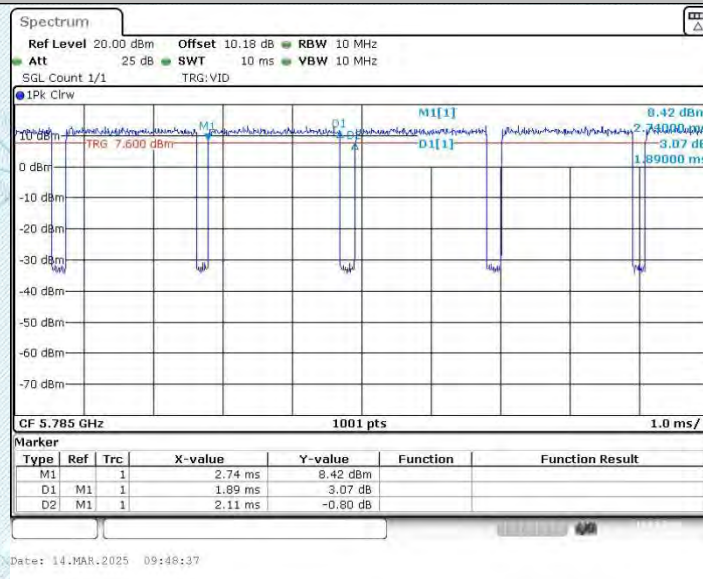
11N20SISO_Ant1_5240



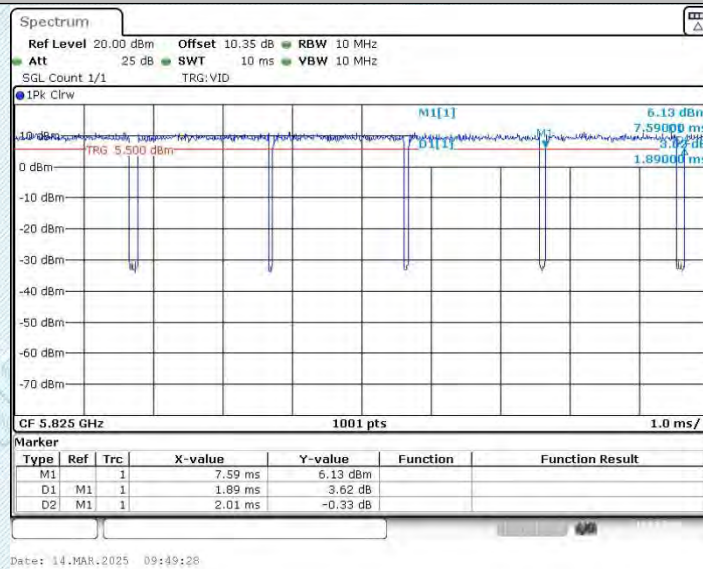
11N20SISO_Ant1_5745



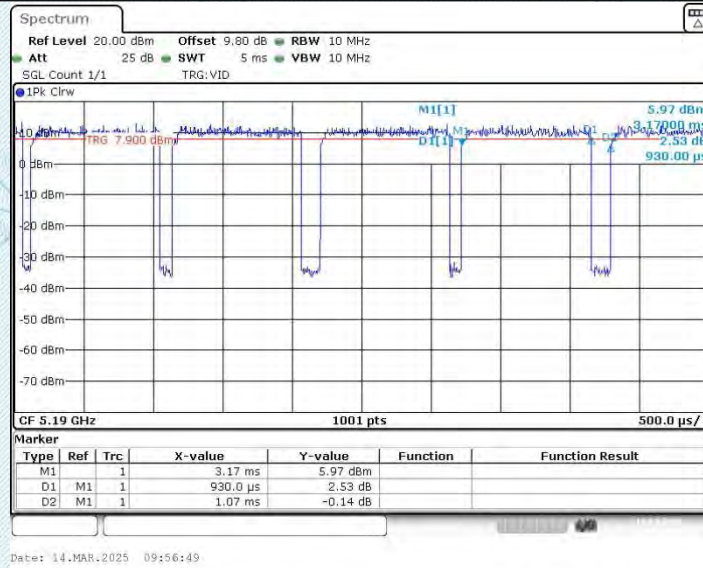
11N20SISO_Ant1_5785



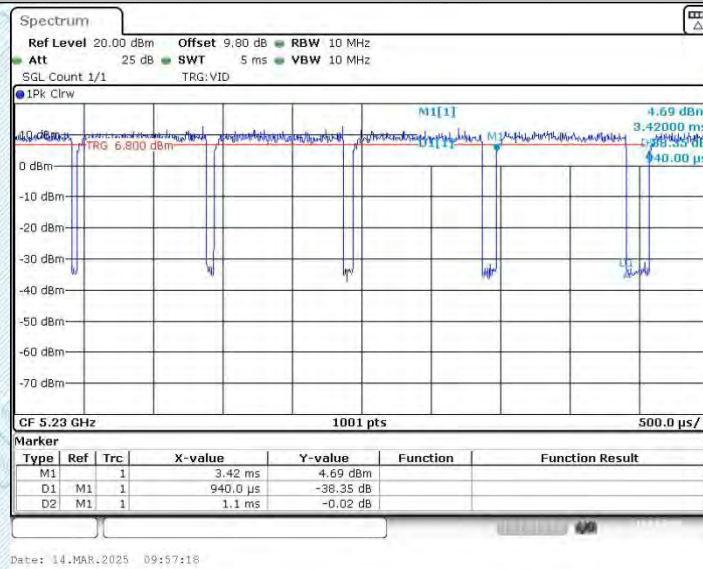
11N20SISO_Ant1_5825



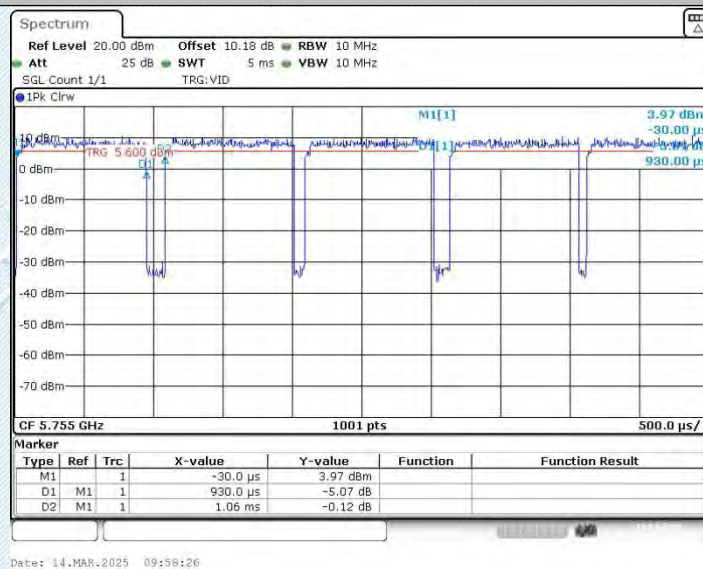
11N40SISO_Ant1_5190



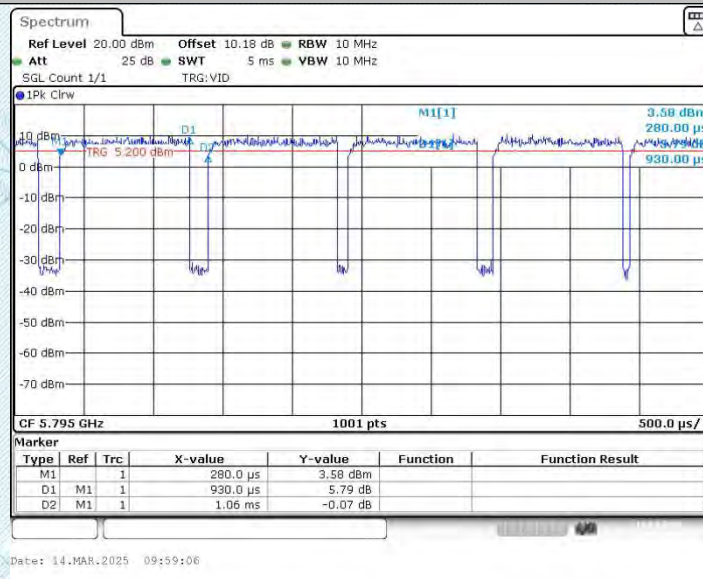
11N40SISO_Ant1_5230



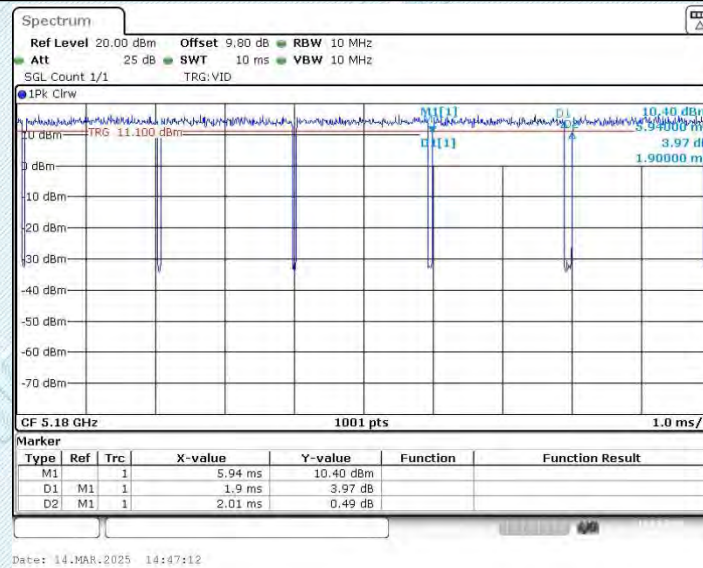
11N40SISO_Ant1_5755



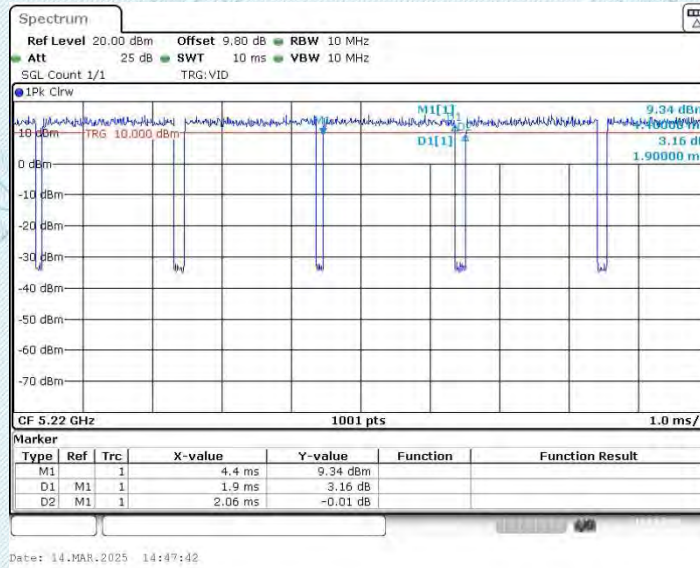
11N40SISO_Ant1_5795



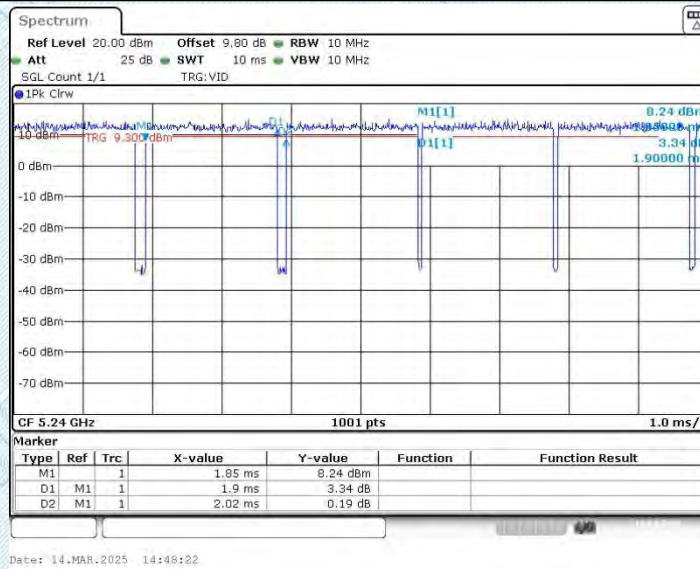
11AC20SISO_Ant1_5180



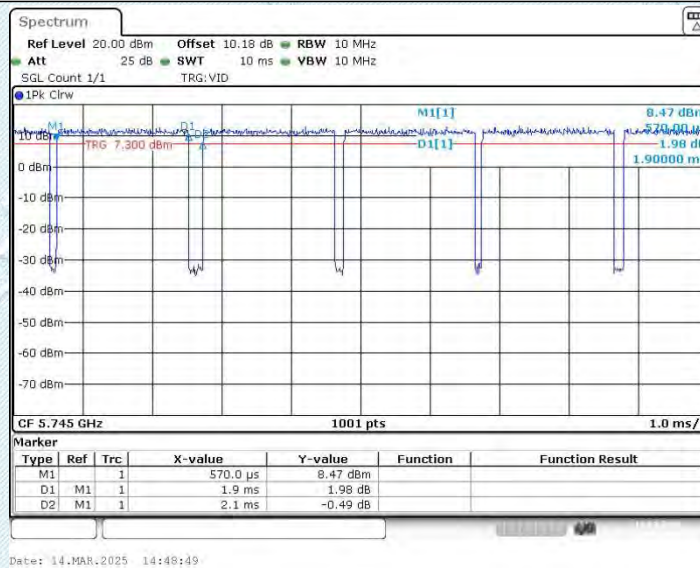
11AC20SISO_Ant1_5220



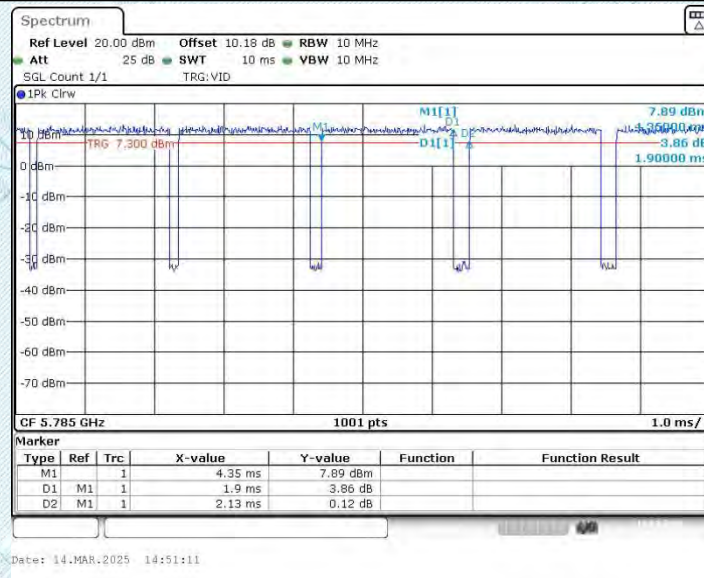
11AC20SISO_Ant1_5240



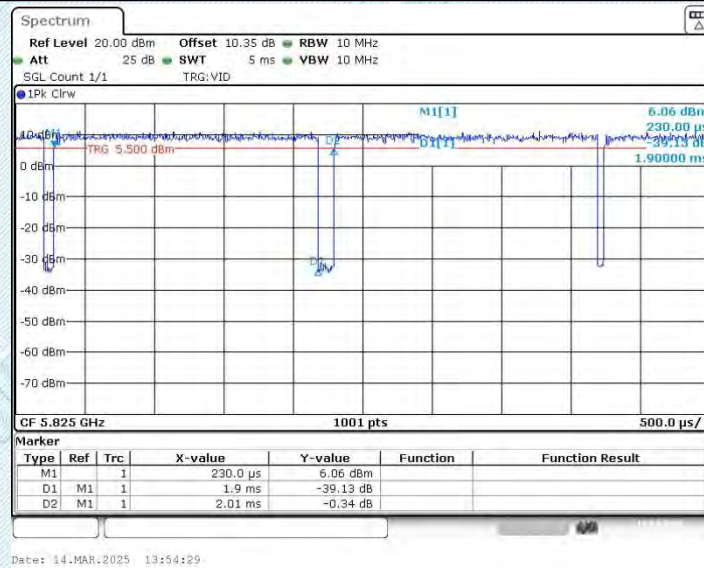
11AC20SISO_Ant1_5745



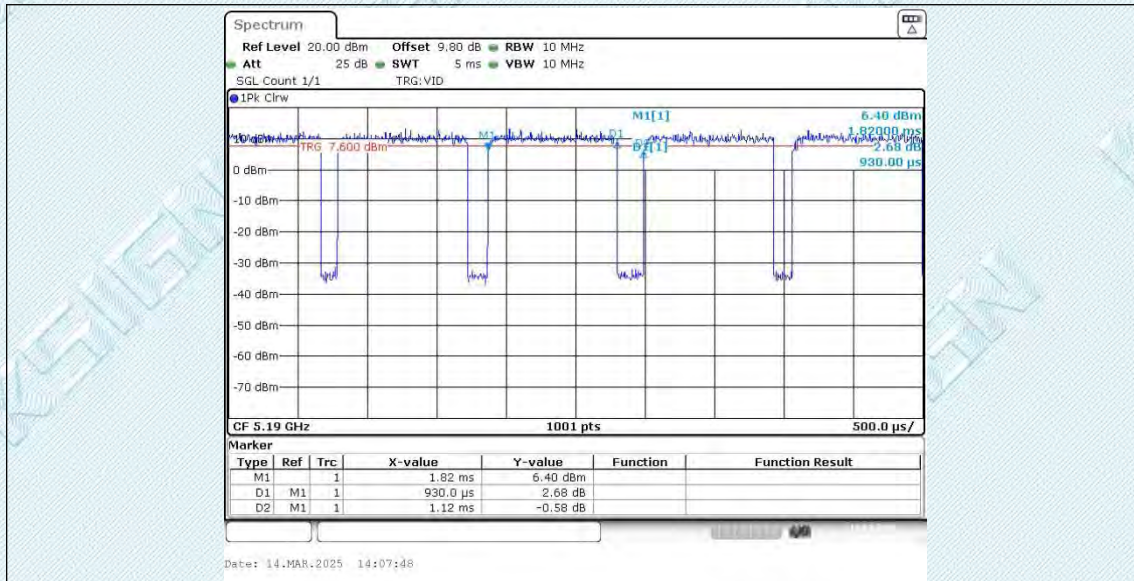
11AC20SISO_Ant1_5785



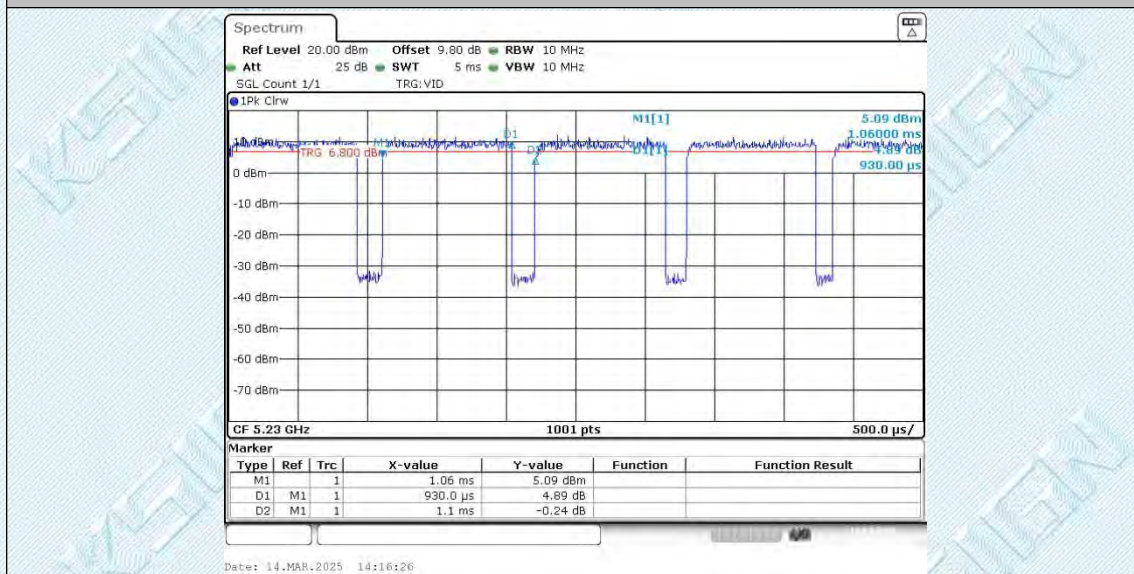
11AC20SISO_Ant1_5825



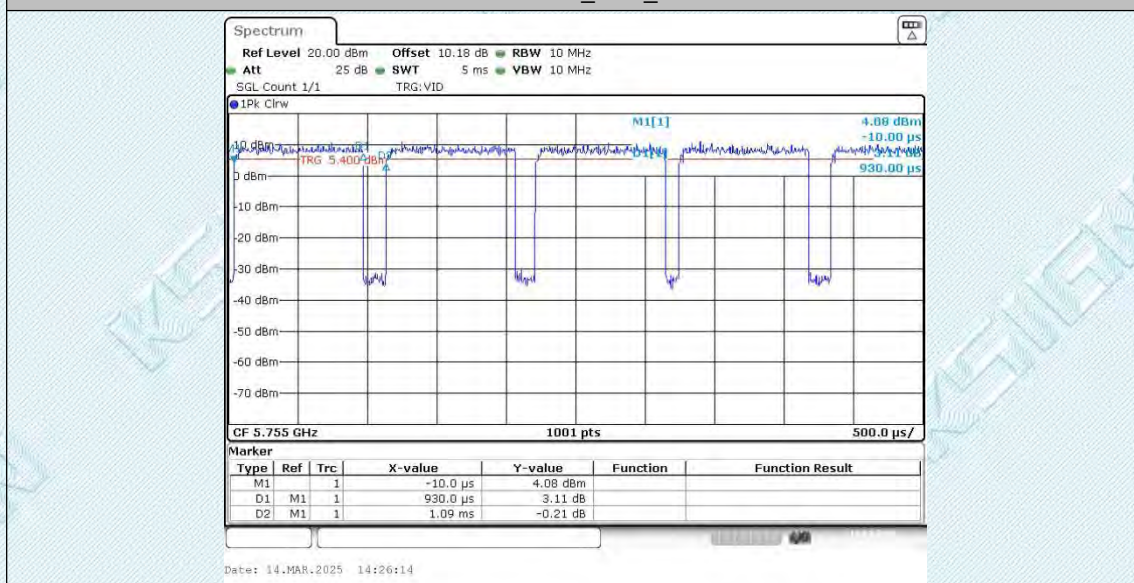
11AC40SISO_Ant1_5190

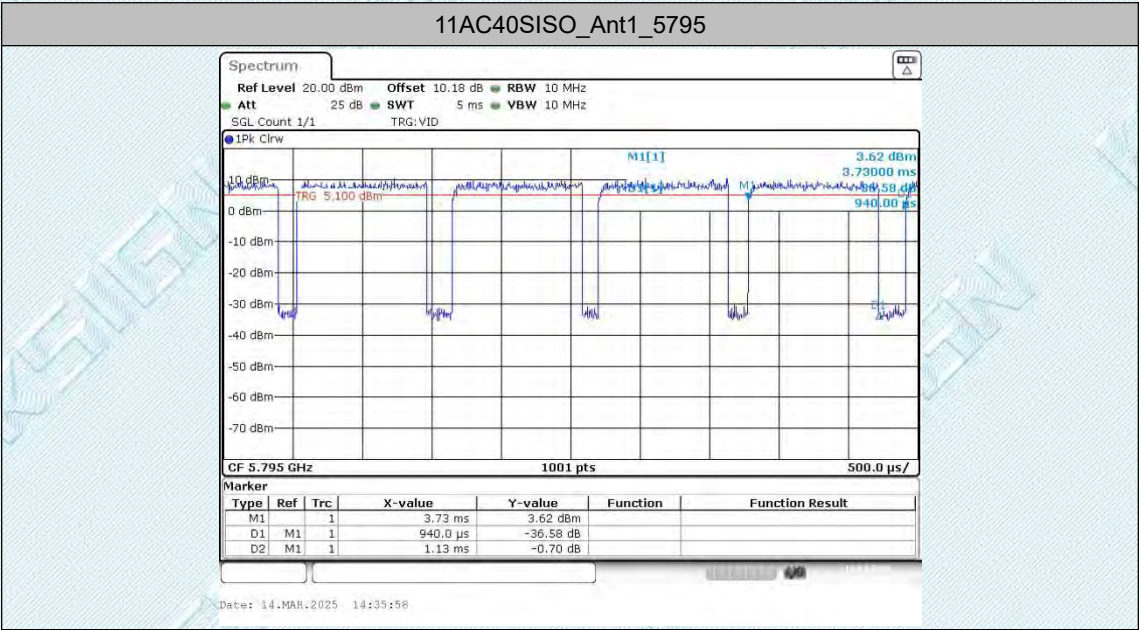


11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755





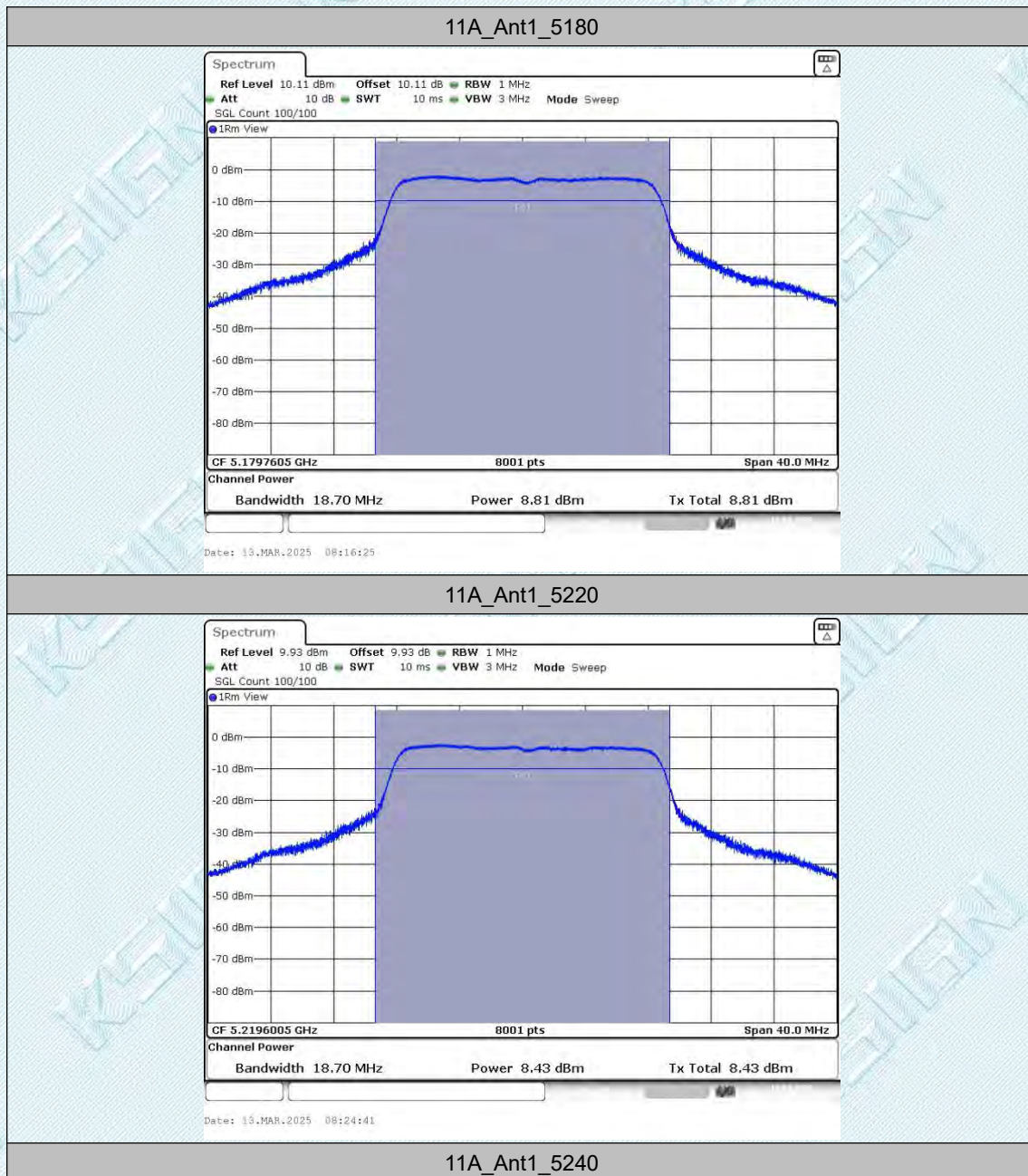
Appendix C: Maximum conducted output power

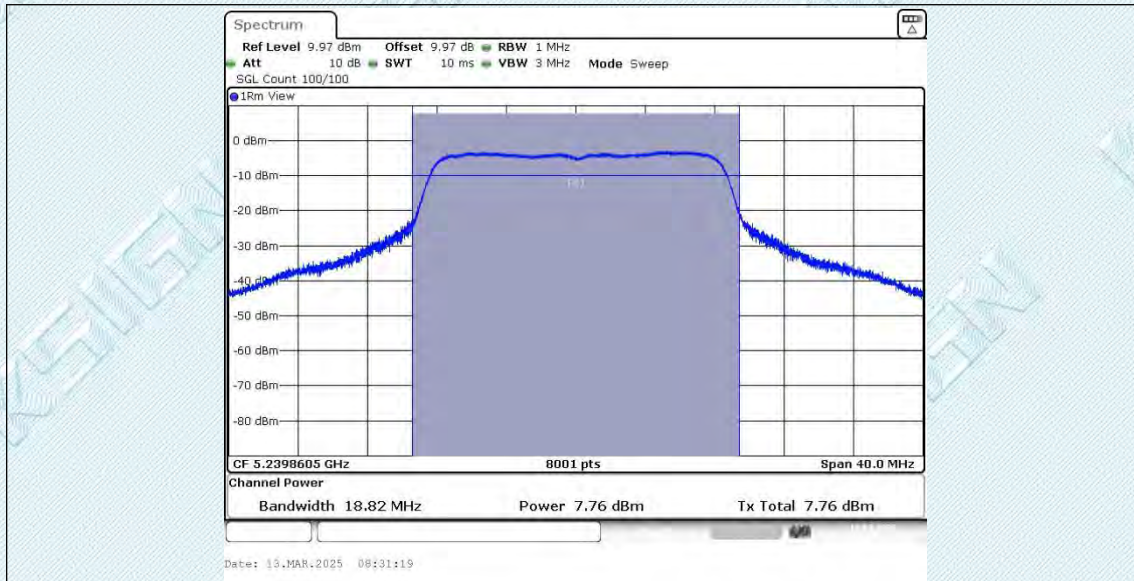
Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	8.52	93.58	0.29	8.81	≤23.98	PASS
		5220	8.14	93.55	0.29	8.43	≤23.98	PASS
		5240	7.41	92.27	0.35	7.76	≤23.98	PASS
		5745	5.61	81.60	0.88	6.49	≤30.00	PASS
		5785	7.03	93.98	0.27	7.30	≤30.00	PASS
		5825	5.21	91.89	0.37	5.58	≤30.00	PASS
11N20SISO	Ant1	5180	8.18	92.68	0.33	8.51	≤23.98	PASS
		5220	8.16	93.56	0.29	8.45	≤23.98	PASS
		5240	7.52	91.30	0.40	7.92	≤23.98	PASS
		5745	6.45	88.32	0.54	6.99	≤30.00	PASS
		5785	6.74	89.57	0.48	7.22	≤30.00	PASS
		5825	5.4	94.03	0.27	5.67	≤30.00	PASS
11N40SISO	Ant1	5190	8.72	86.92	0.61	9.33	≤23.98	PASS
		5230	7.69	85.45	0.68	8.37	≤23.98	PASS
		5755	7.1	87.74	0.57	7.67	≤30.00	PASS
		5795	6.56	87.74	0.57	7.13	≤30.00	PASS
11AC20SISO	Ant1	5180	9.52	94.53	0.24	9.76	≤23.98	PASS
		5220	8.63	92.23	0.35	8.98	≤23.98	PASS
		5240	7.92	94.06	0.27	8.19	≤23.98	PASS
		5745	6.97	90.48	0.43	7.40	≤30.00	PASS
		5785	7.12	89.20	0.50	7.62	≤30.00	PASS
		5825	5.63	94.53	0.24	5.87	≤30.00	PASS
11AC40SISO	Ant1	5190	8.8	83.04	0.81	9.61	≤23.98	PASS
		5230	7.93	84.55	0.73	8.66	≤23.98	PASS
		5755	7.09	85.32	0.69	7.78	≤30.00	PASS
		5795	6.66	83.19	0.80	7.46	≤30.00	PASS

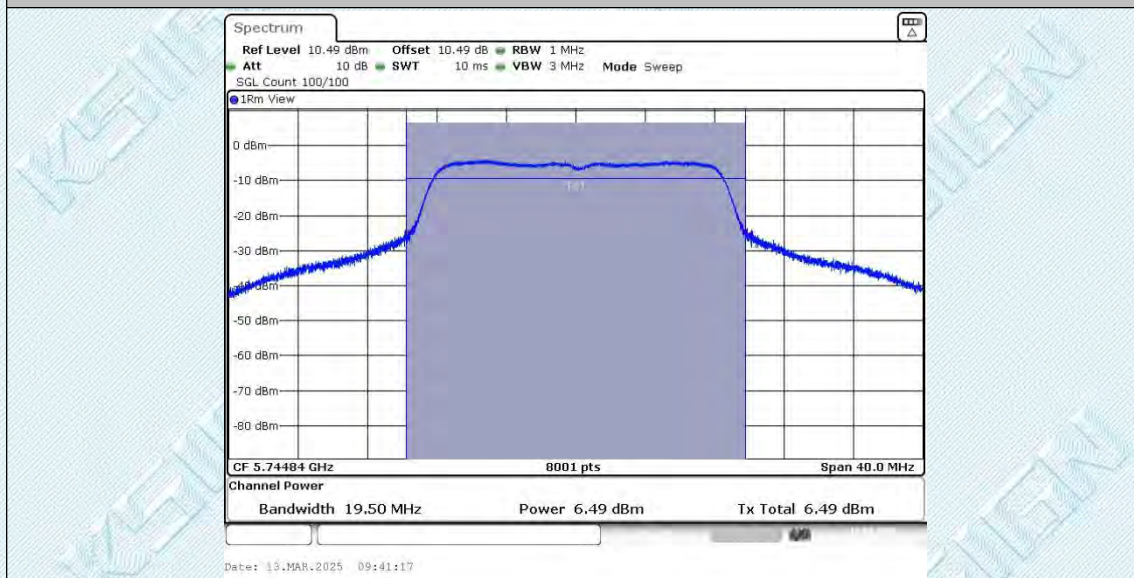
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power

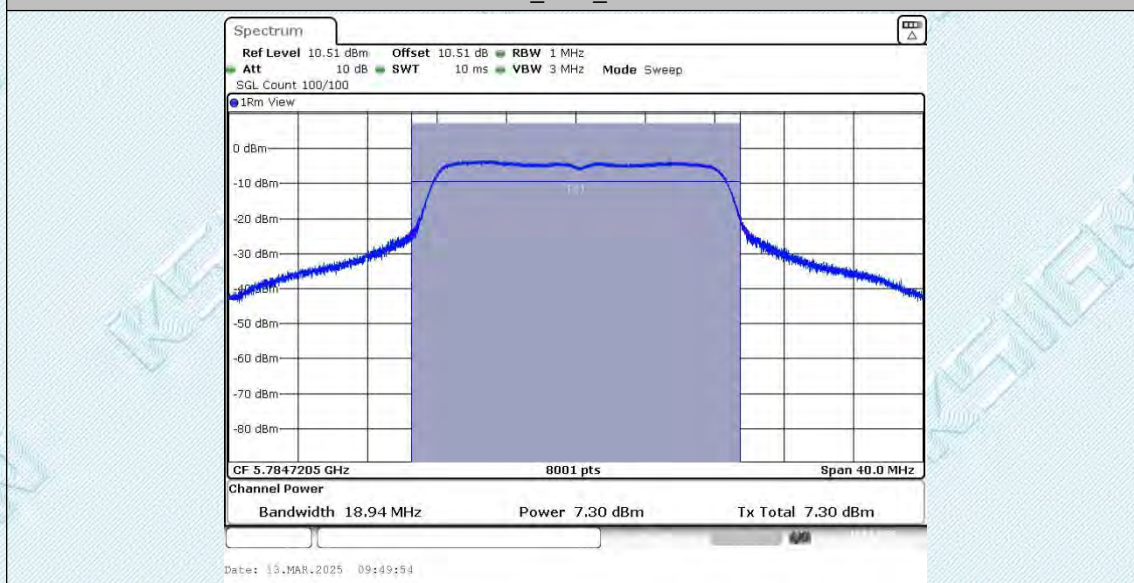




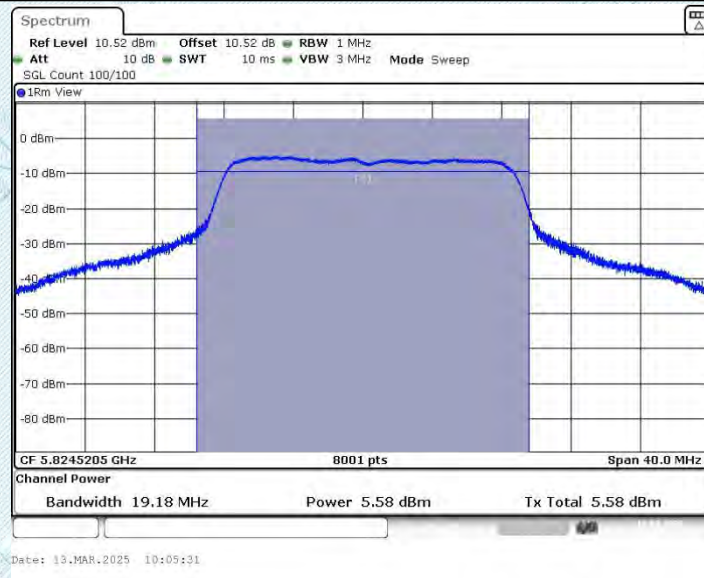
11A_Ant1_5745



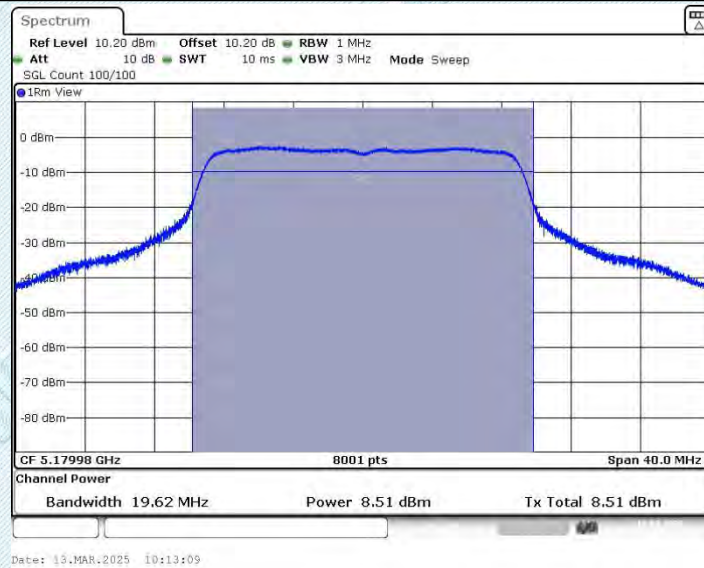
11A_Ant1_5785



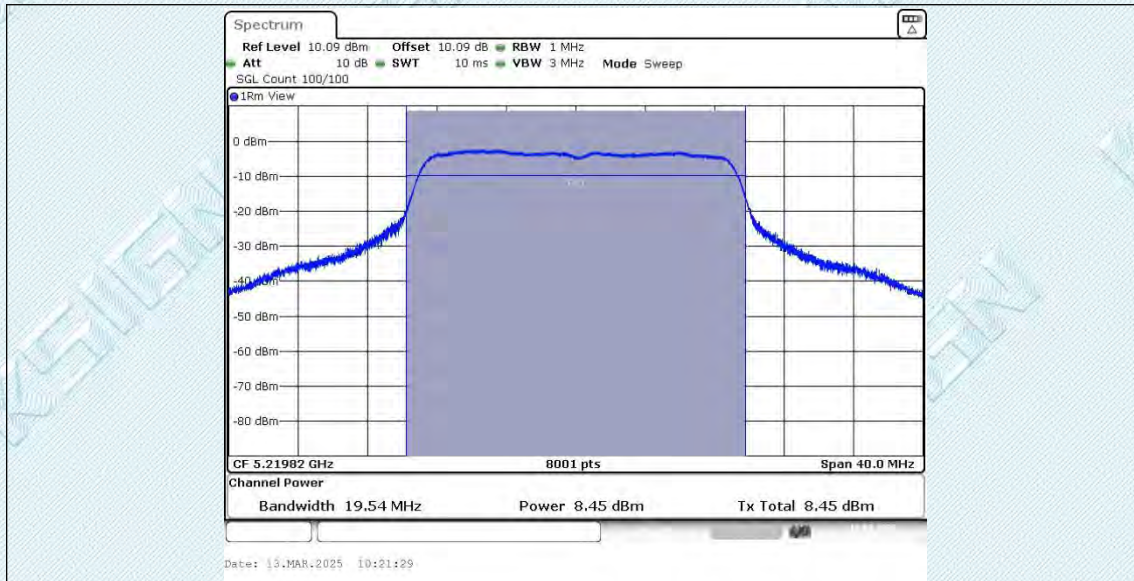
11A_Ant1_5825



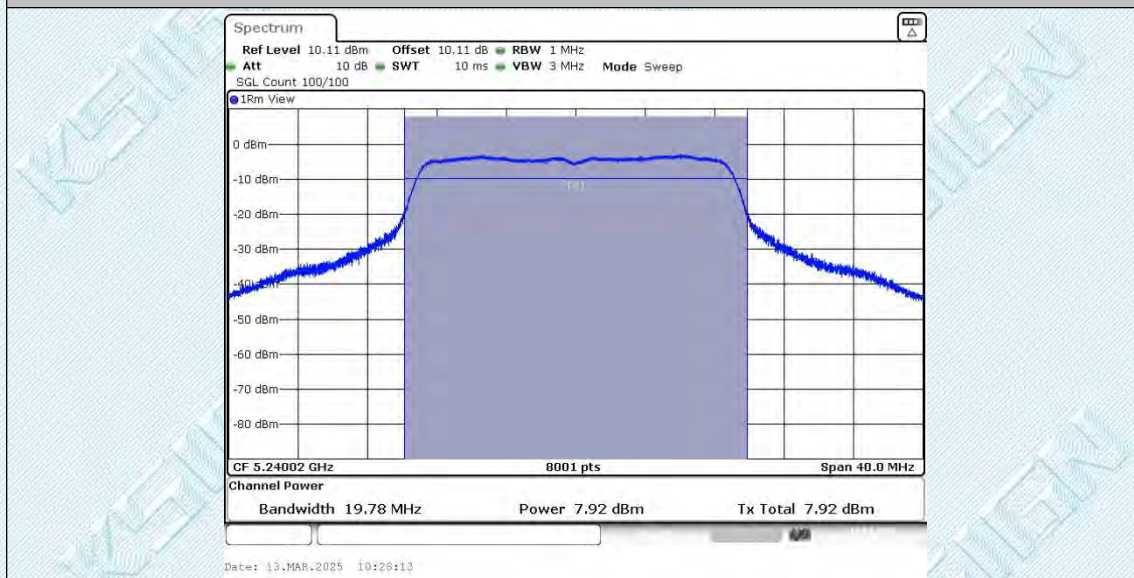
11N20SISO_Ant1_5180



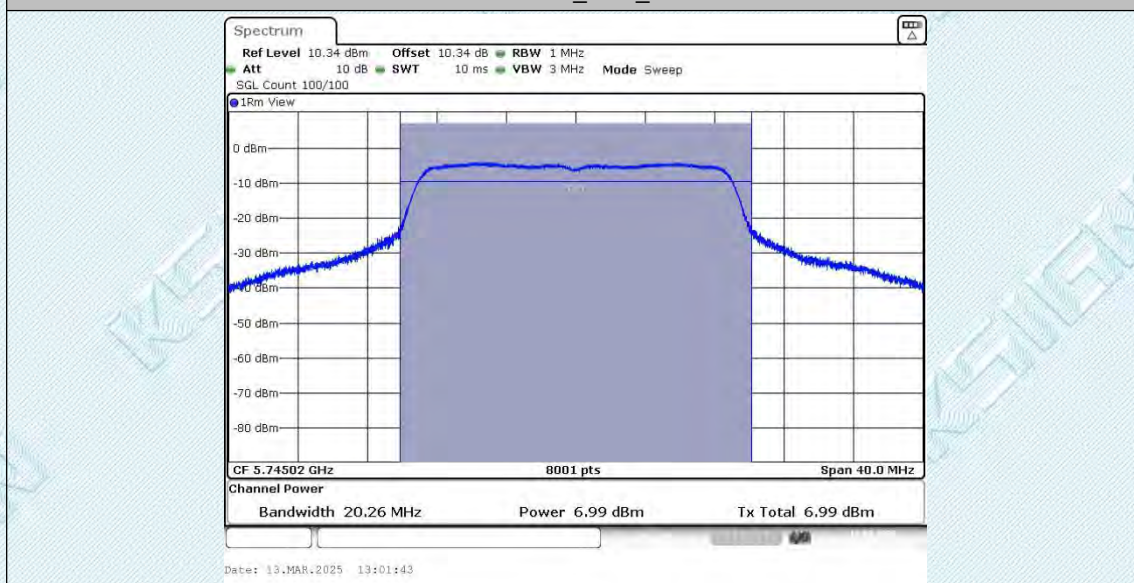
11N20SISO_Ant1_5220



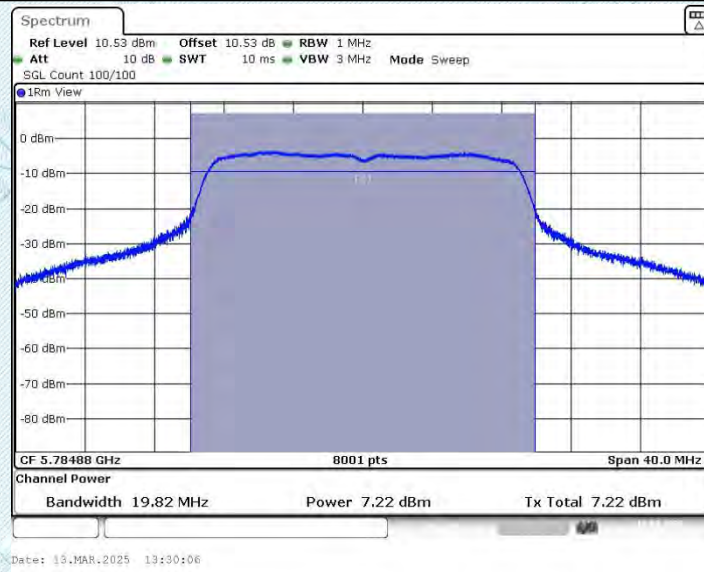
11N20SISO_Ant1_5240



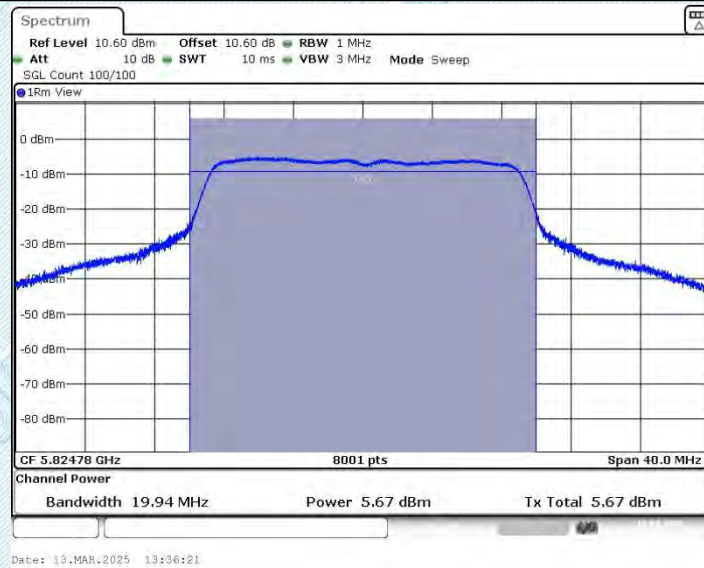
11N20SISO_Ant1_5745



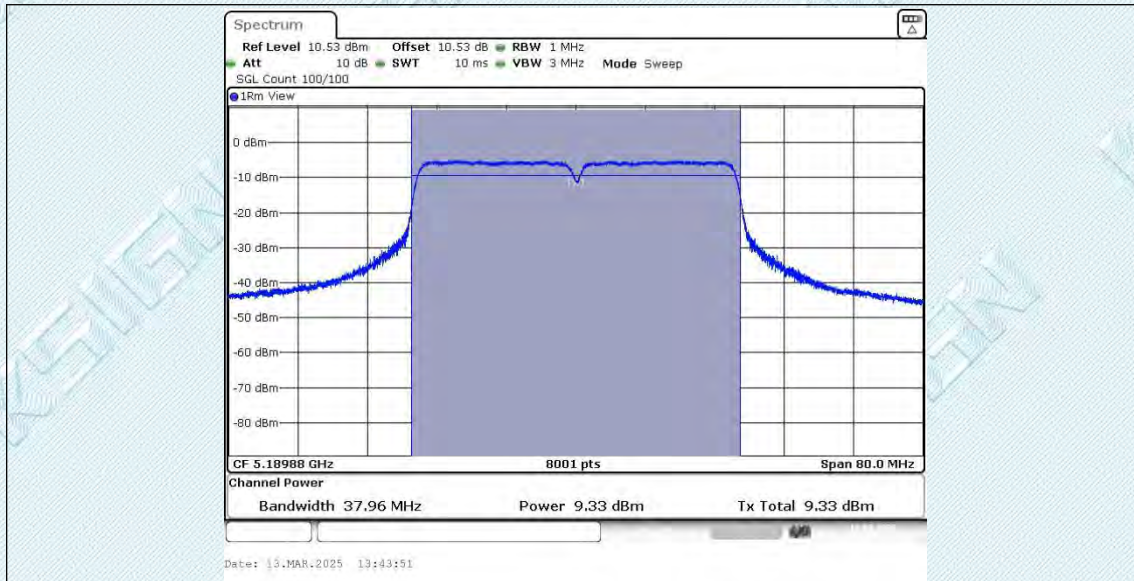
11N20SISO_Ant1_5785



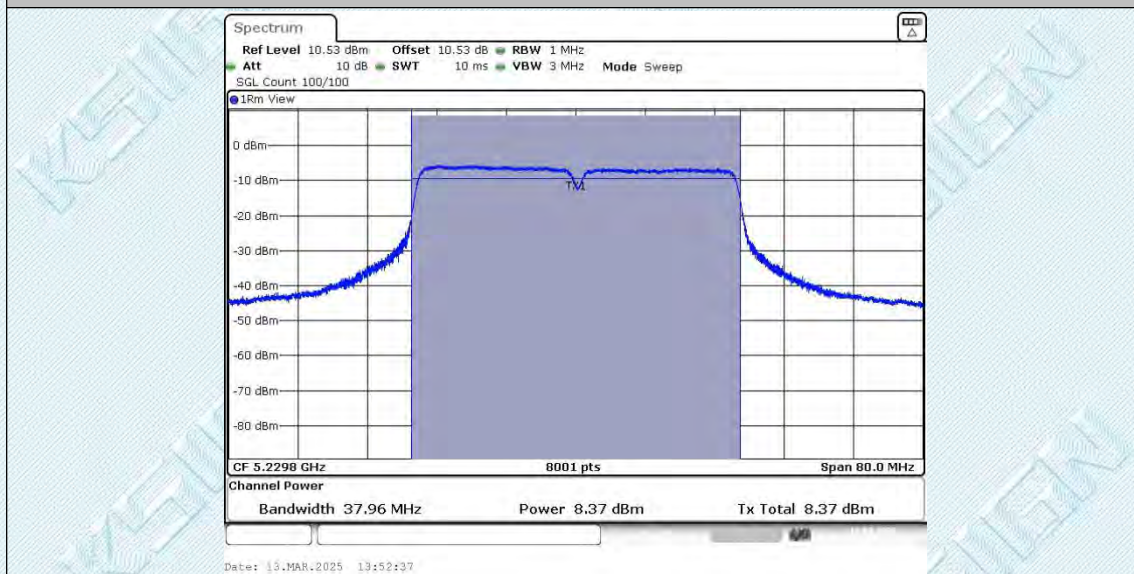
11N20SISO_Ant1_5825



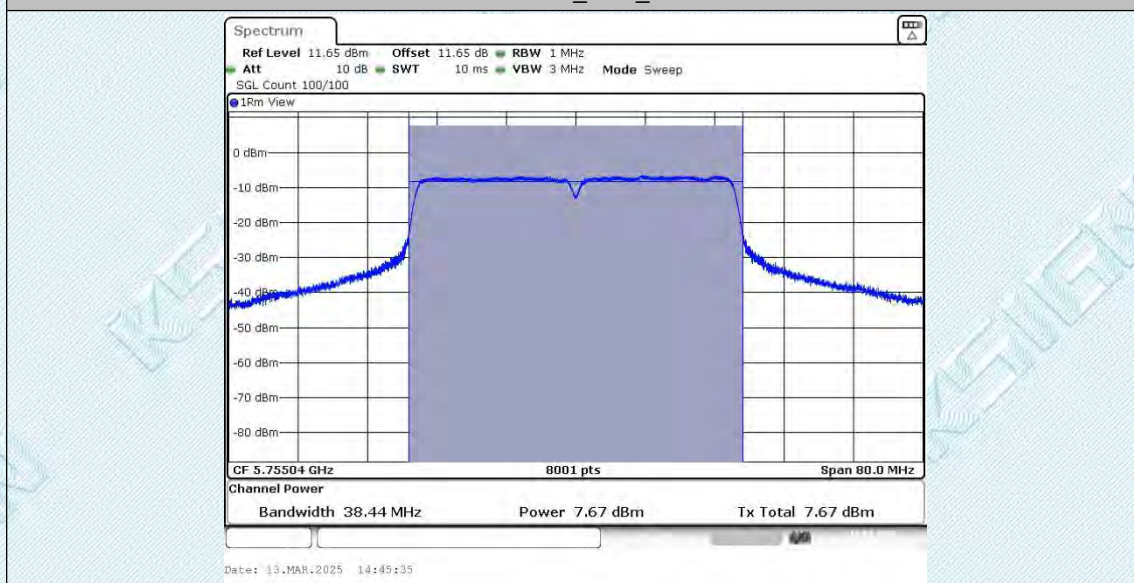
11N40SISO_Ant1_5190



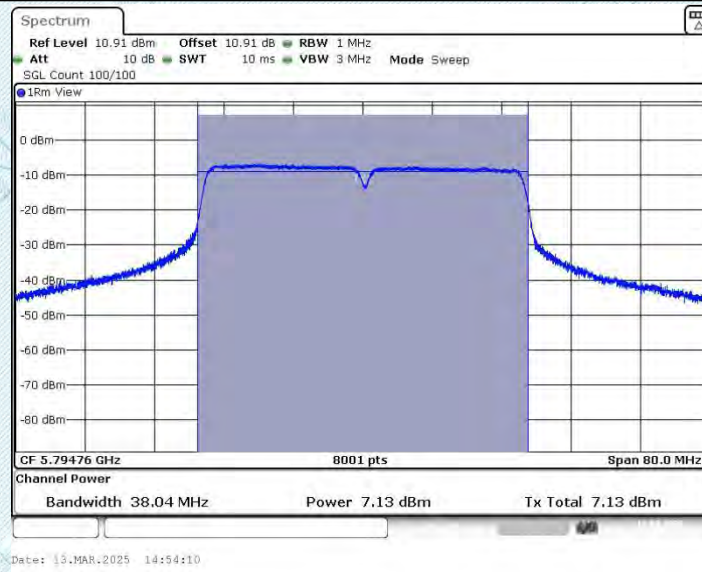
11N40SISO_Ant1_5230



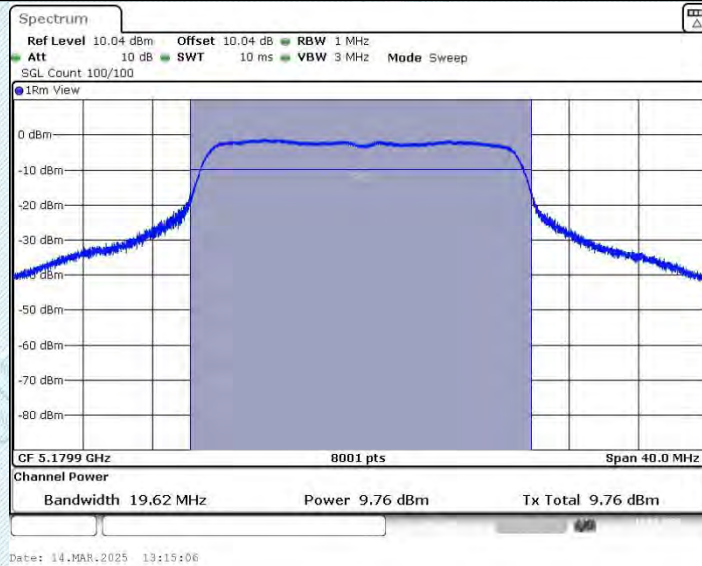
11N40SISO_Ant1_5755



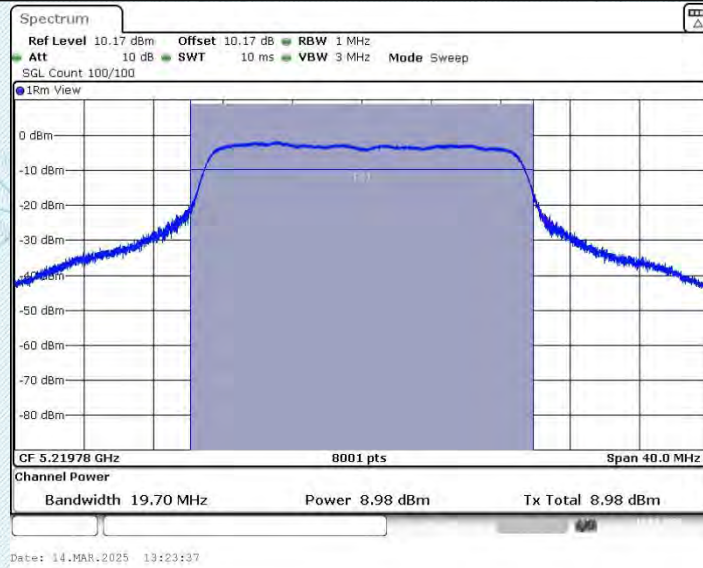
11N40SISO_Ant1_5795



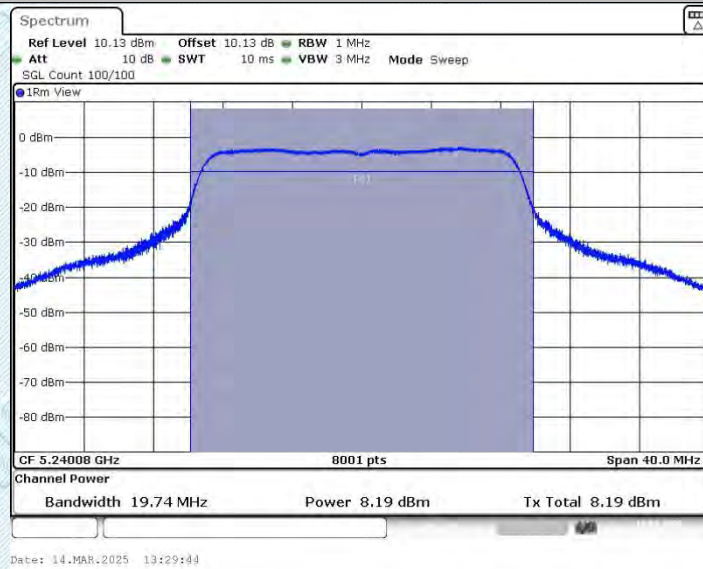
11AC20SISO_Ant1_5180



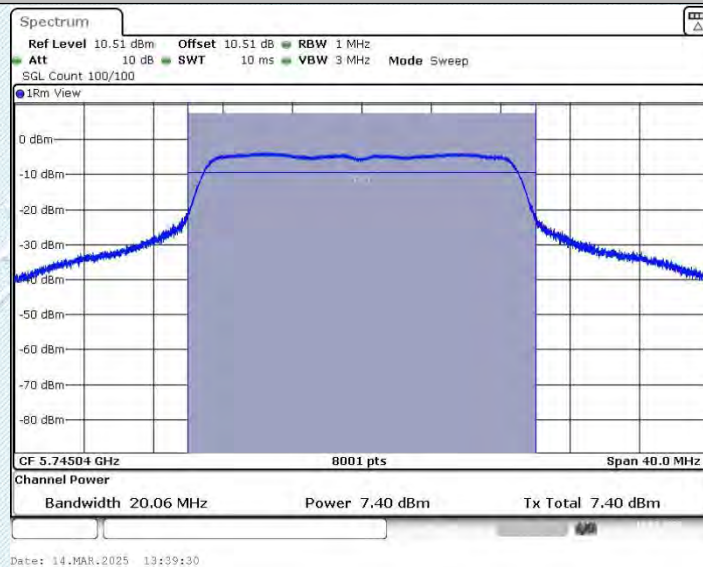
11AC20SISO_Ant1_5220



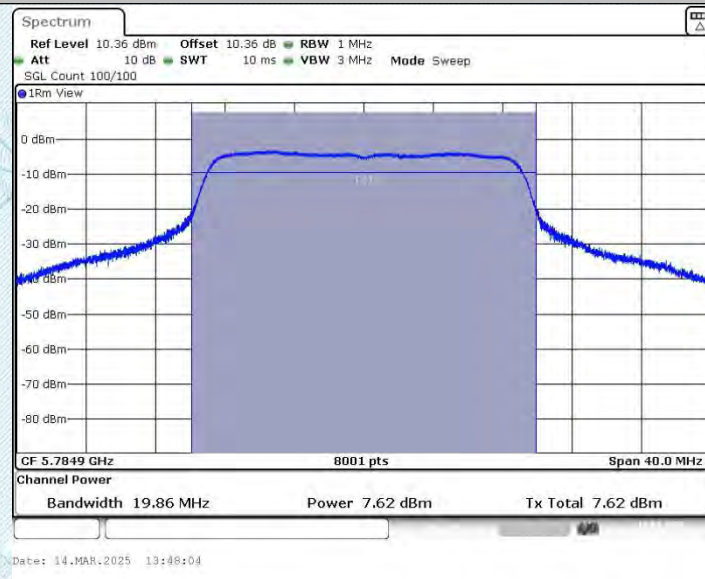
11AC20SISO_Ant1_5240



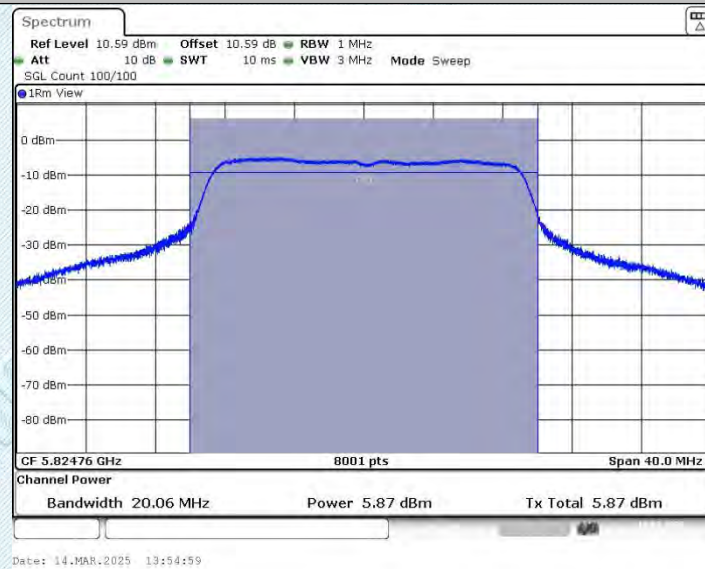
11AC20SISO_Ant1_5745



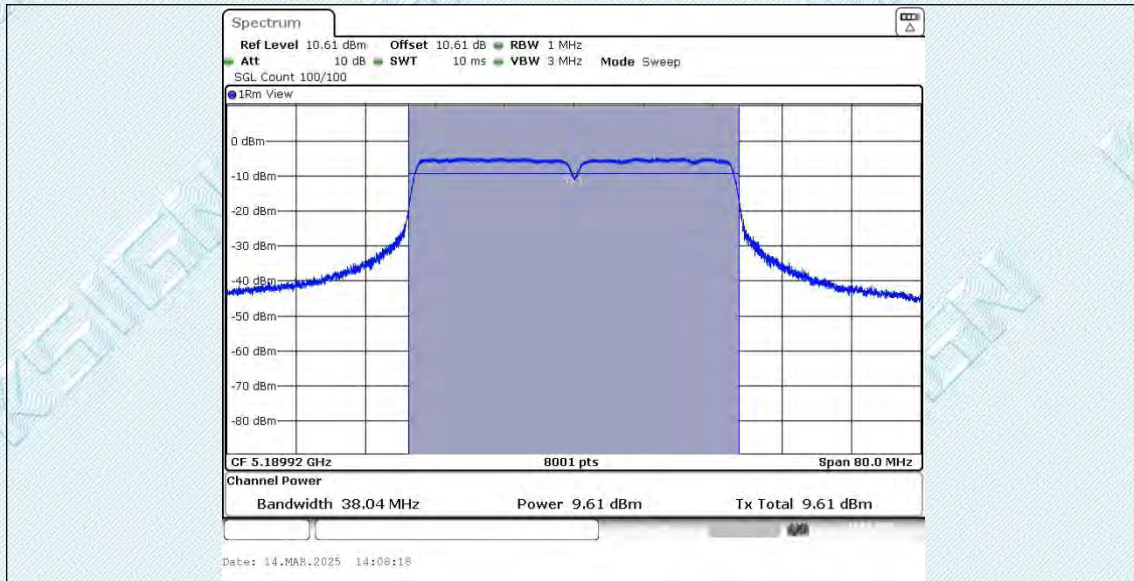
11AC20SISO_Ant1_5785



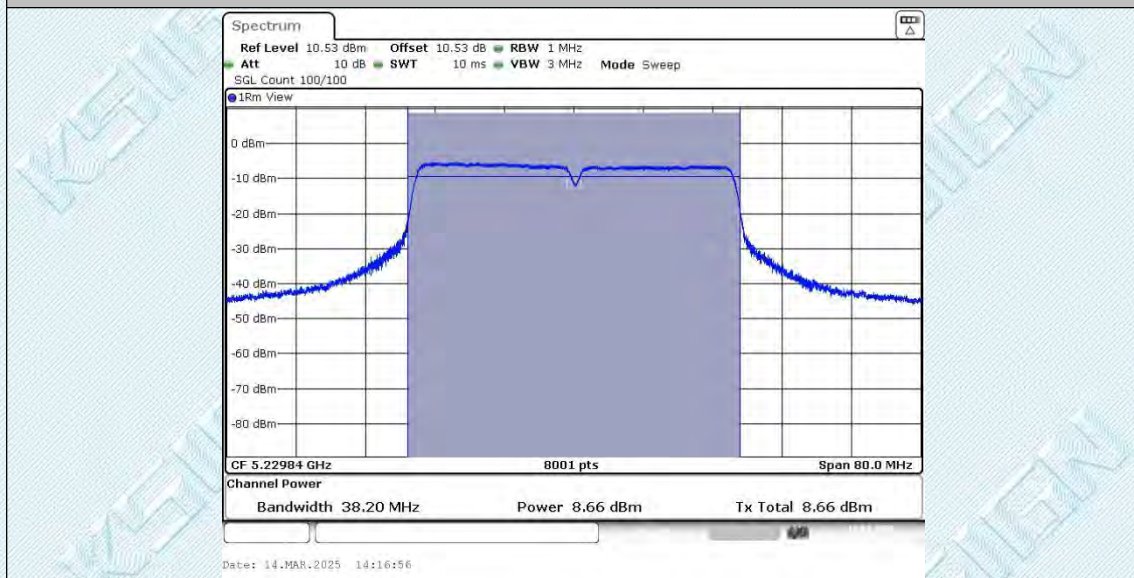
11AC20SISO_Ant1_5825



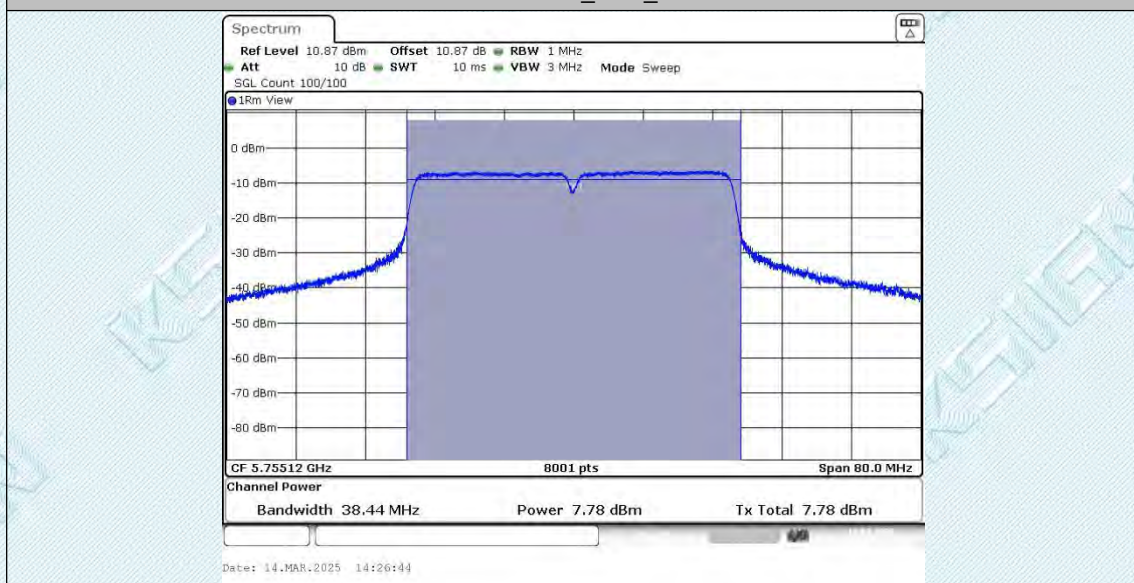
11AC40SISO_Ant1_5190

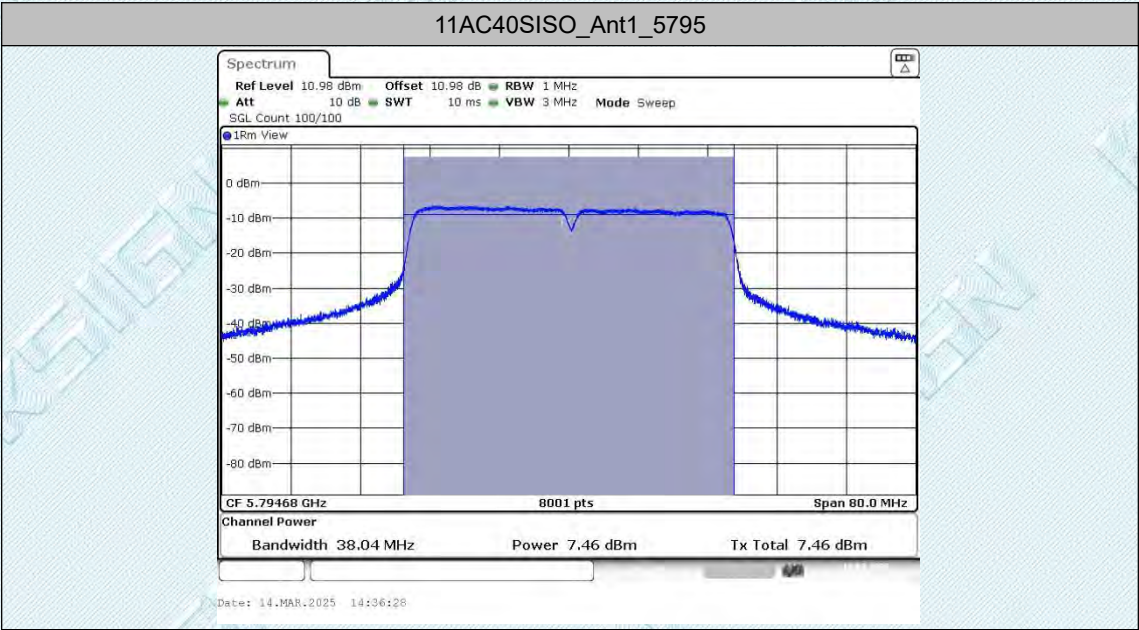


11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755





Appendix D: Maximum power spectral density

Test Result

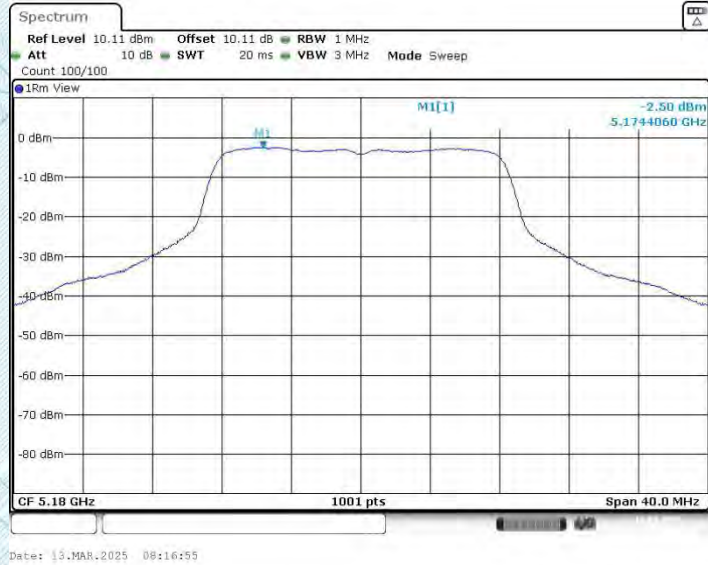
TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-2.5	≤11.00	PASS
		5220	-2.64	≤11.00	PASS
		5240	-3.43	≤11.00	PASS
11N20SISO	Ant1	5180	-2.96	≤11.00	PASS
		5220	-2.82	≤11.00	PASS
		5240	-3.59	≤11.00	PASS
11N40SISO	Ant1	5190	-5.59	≤11.00	PASS
		5230	-6.04	≤11.00	PASS
11AC20SISO	Ant1	5180	-1.68	≤11.00	PASS
		5220	-2.31	≤11.00	PASS
		5240	-3.42	≤11.00	PASS
11AC40SISO	Ant1	5190	-5.21	≤11.00	PASS
		5230	-5.72	≤11.00	PASS

TestMode	Antenna	Frequency [MHz]	Result [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
11A	Ant1	5745	-8.93	≤30.00	PASS
		5785	-6.88	≤30.00	PASS
		5825	-8.31	≤30.00	PASS
11N20SISO	Ant1	5745	-7.56	≤30.00	PASS
		5785	-6.86	≤30.00	PASS
		5825	-8.59	≤30.00	PASS
11N40SISO	Ant1	5755	-9.76	≤30.00	PASS
		5795	-10.35	≤30.00	PASS
11AC20SISO	Ant1	5745	-7.03	≤30.00	PASS
		5785	-6.82	≤30.00	PASS
		5825	-8.36	≤30.00	PASS
11AC40SISO	Ant1	5755	-23.8	≤30.00	PASS
		5795	-9.86	≤30.00	PASS

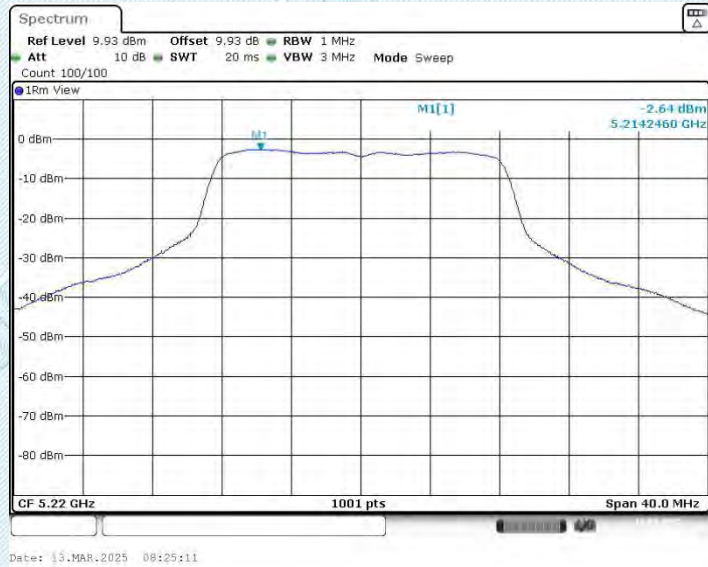
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

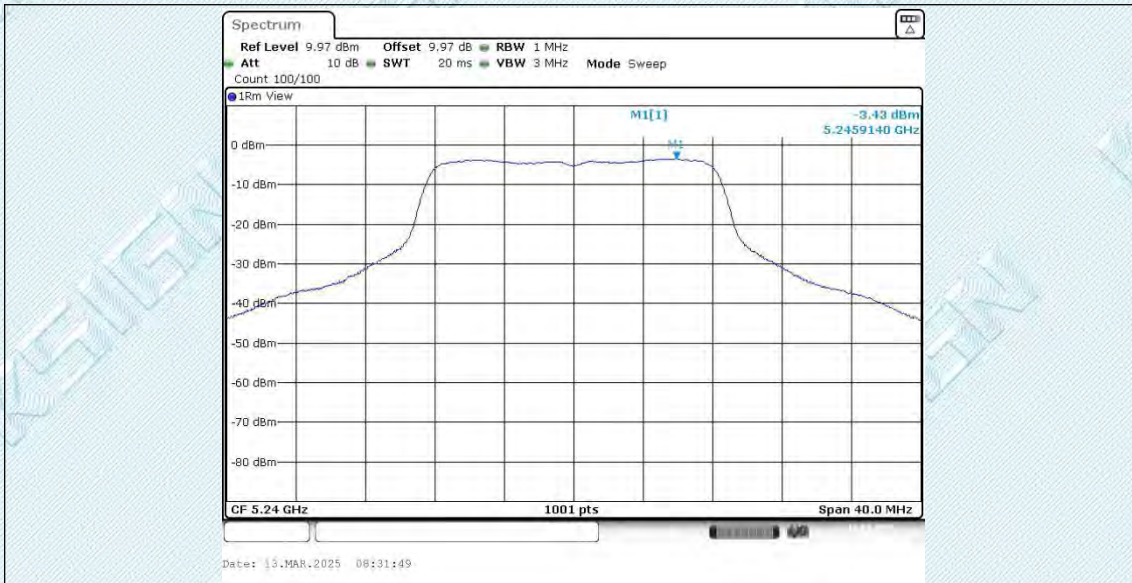
11A_Ant1_5180



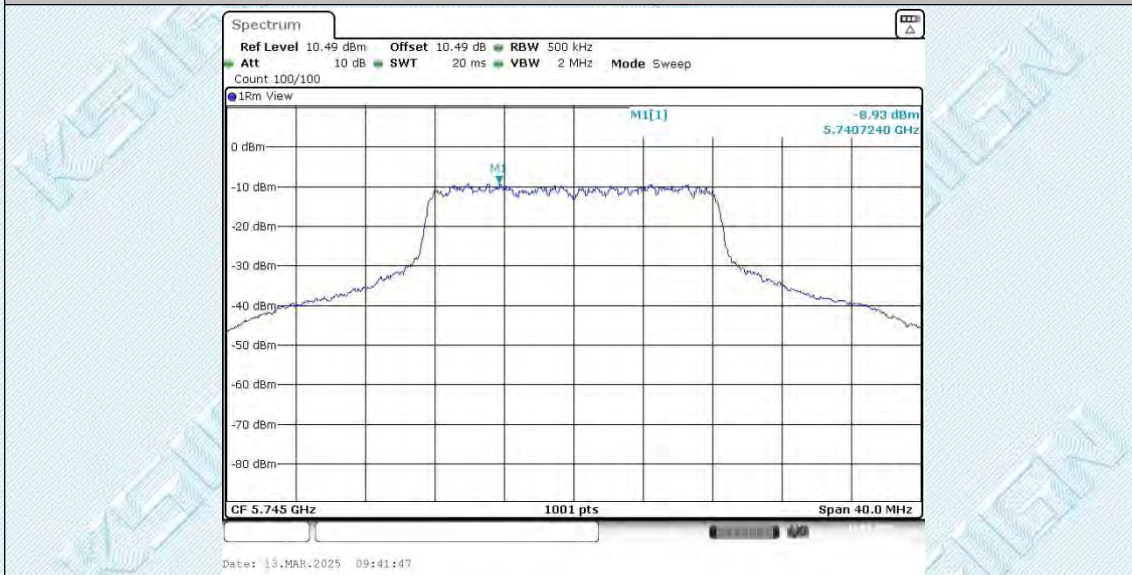
11A_Ant1_5220



11A_Ant1_5240



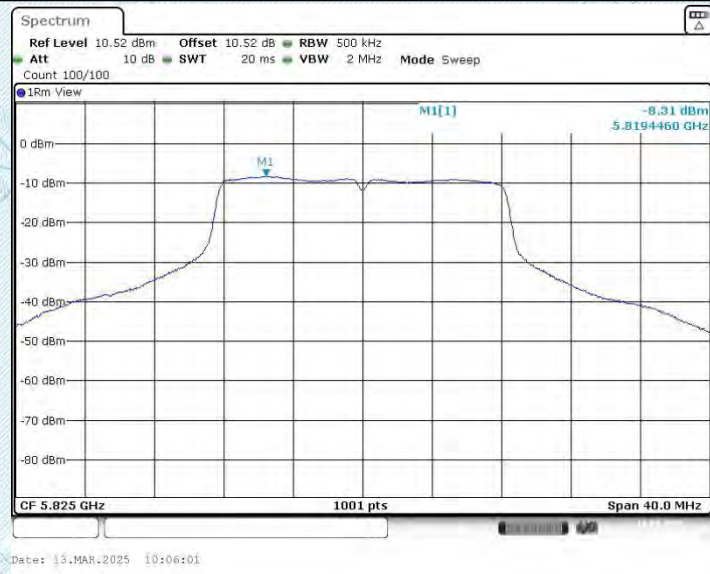
11A_Ant1_5745



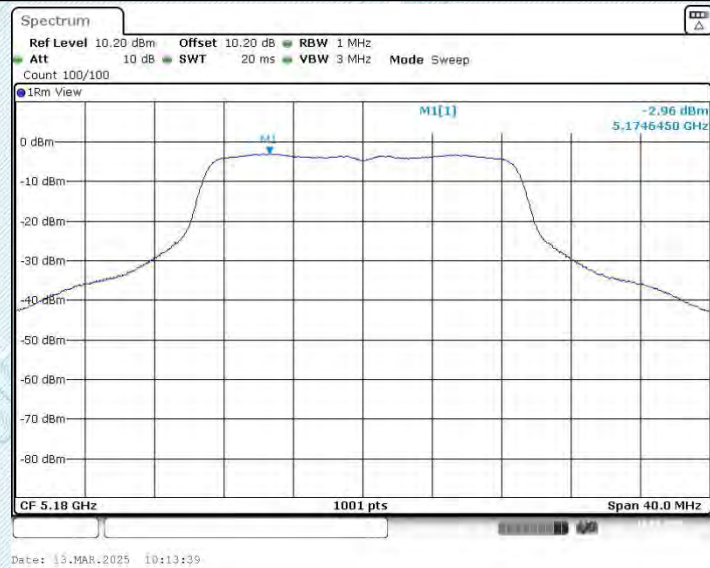
11A_Ant1_5785



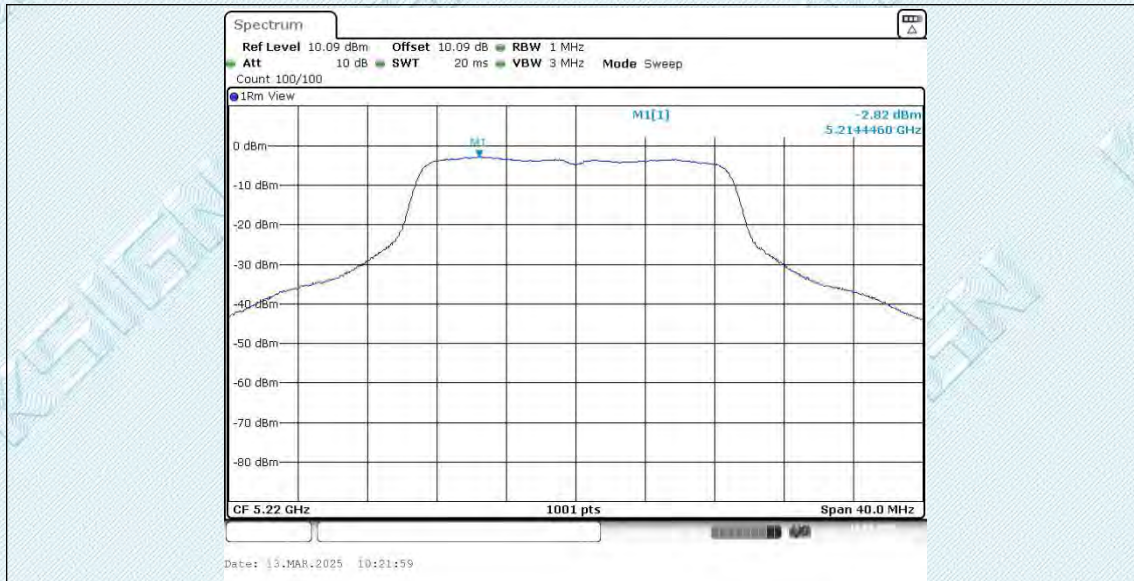
11A_Ant1_5825



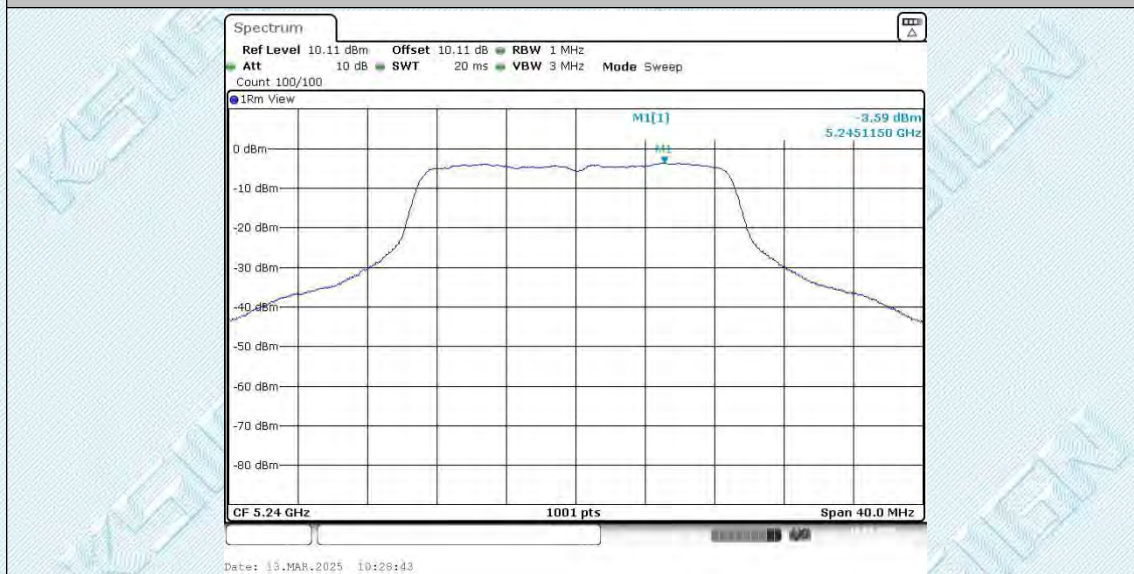
11N20SISO_Ant1_5180



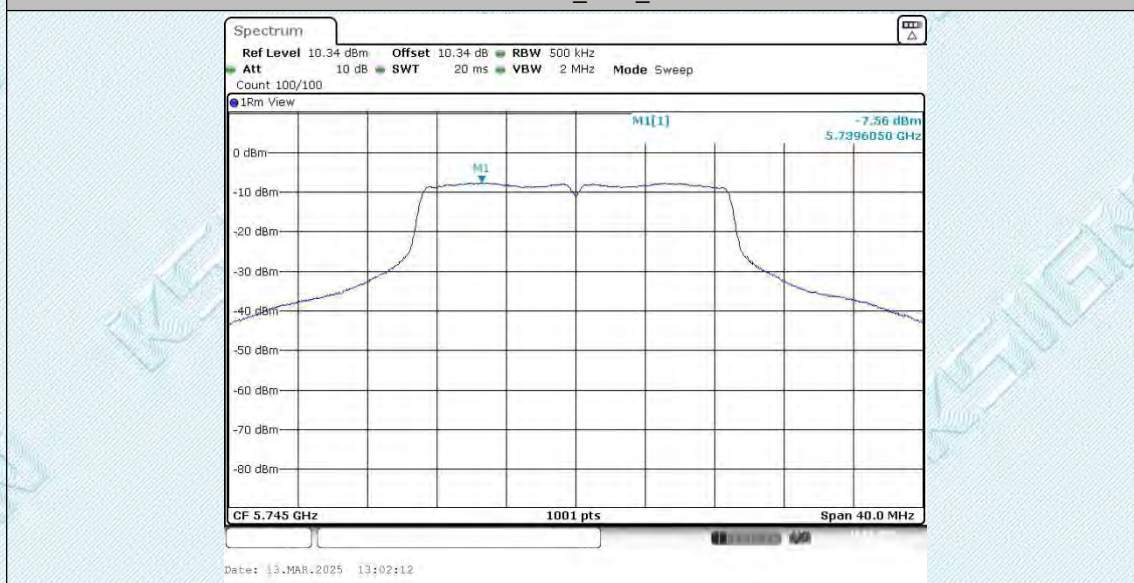
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



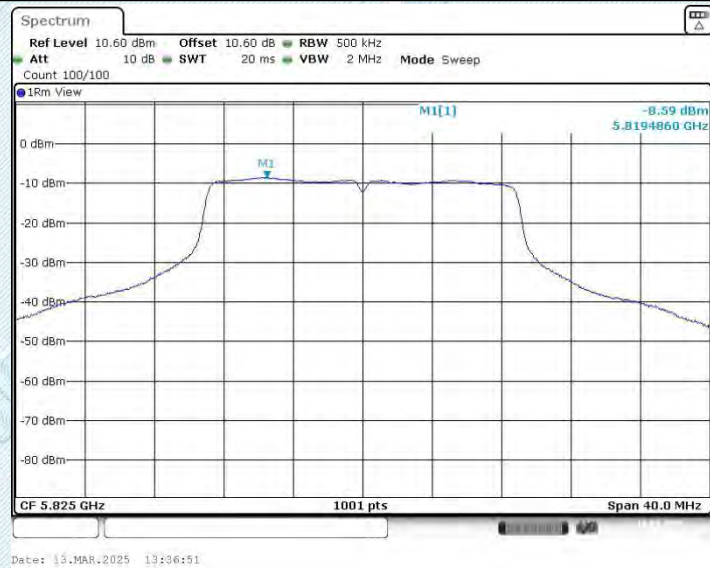
11N20SISO_Ant1_5745



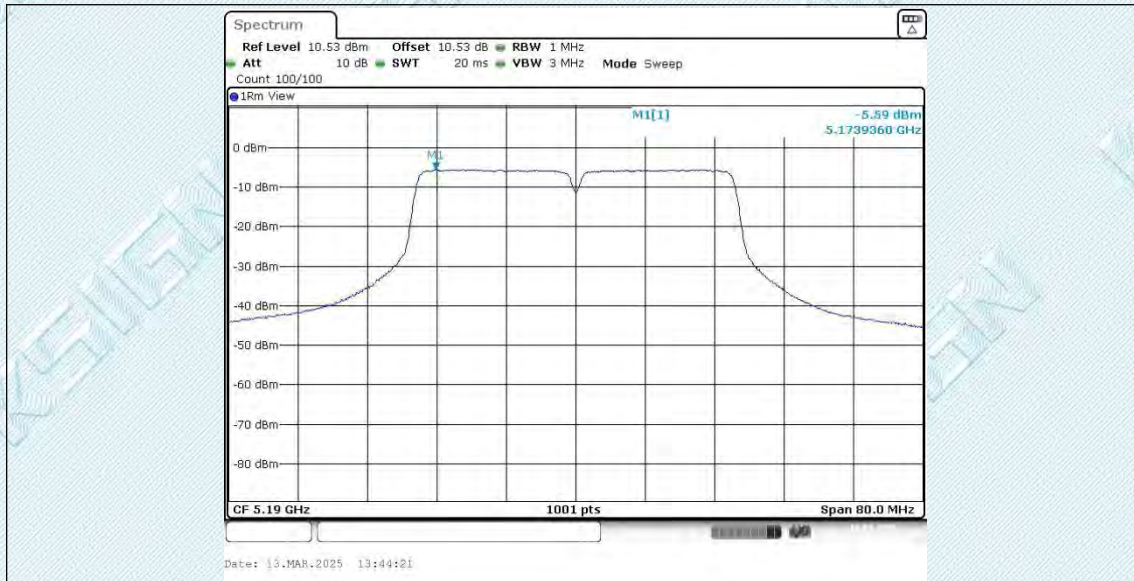
11N20SISO_Ant1_5785



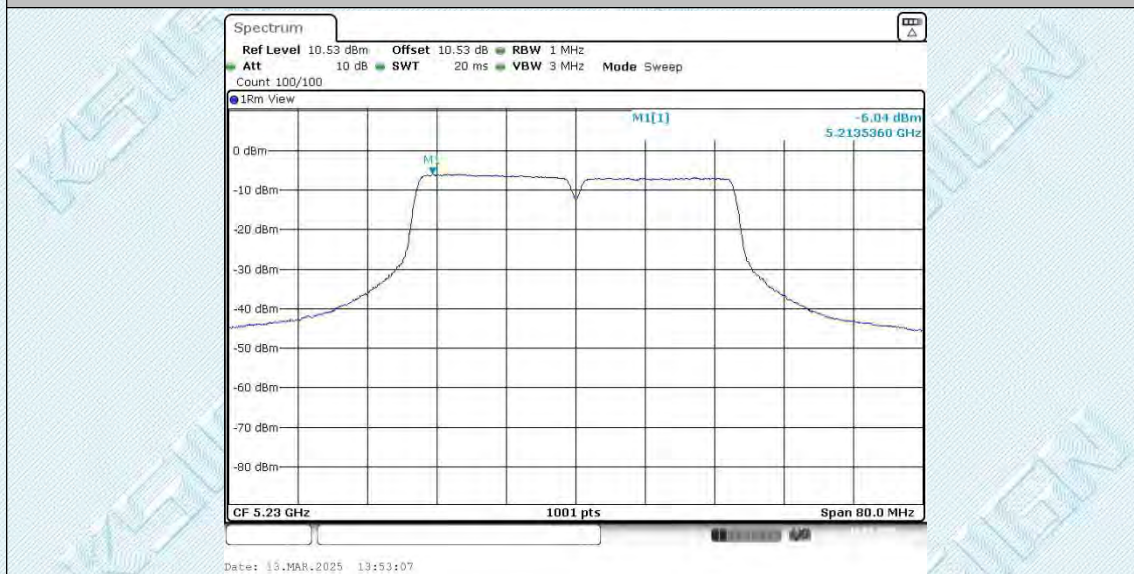
11N20SISO_Ant1_5825



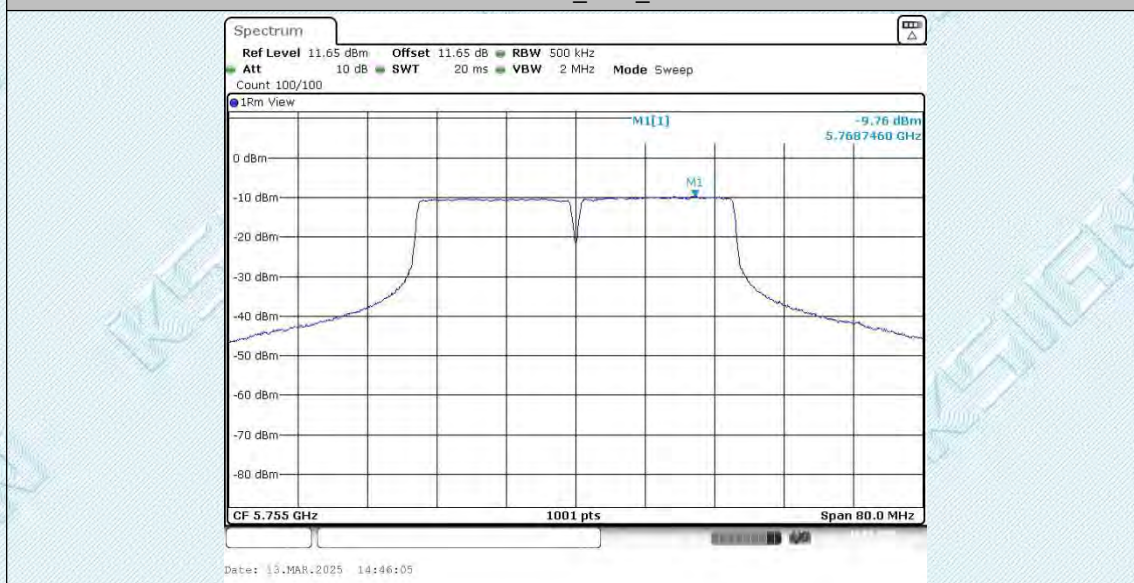
11N40SISO_Ant1_5190



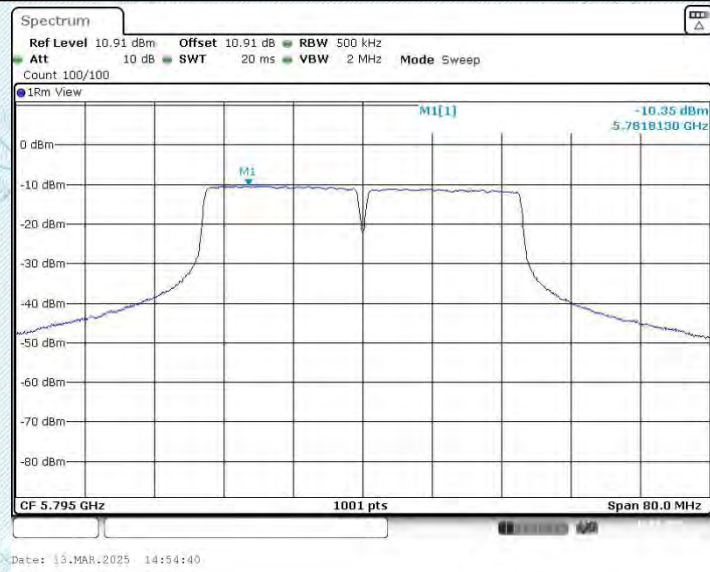
11N40SISO_Ant1_5230



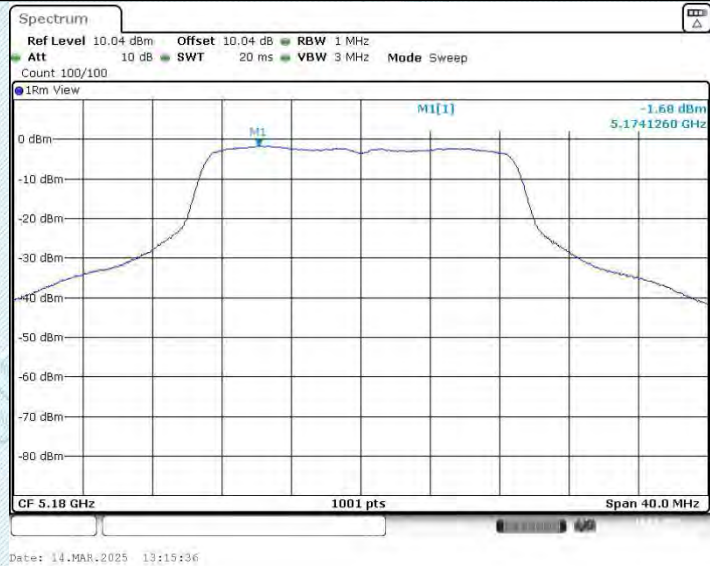
11N40SISO_Ant1_5755



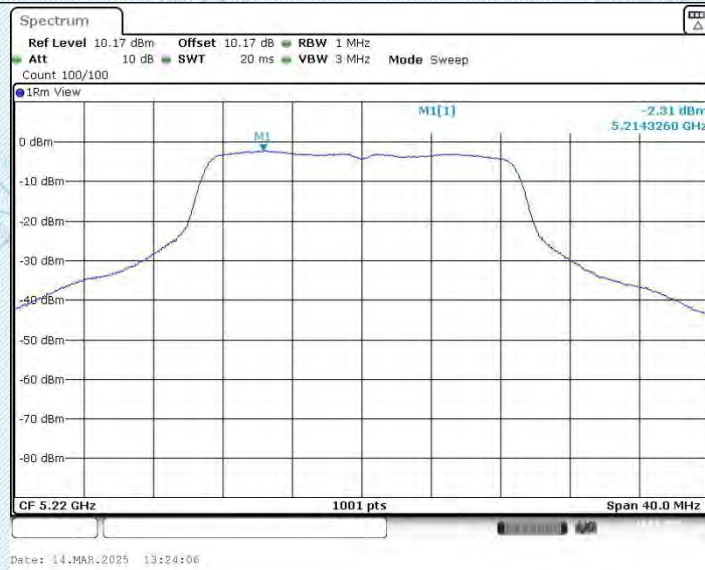
11N40SISO_Ant1_5795



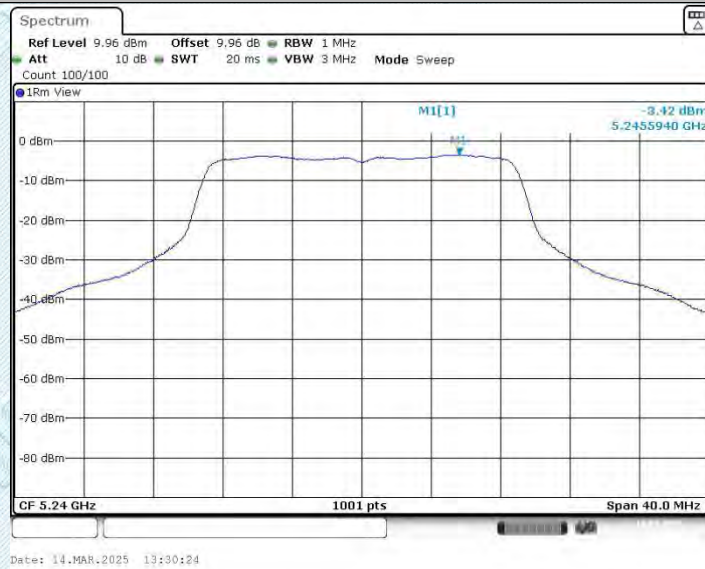
11AC20SISO_Ant1_5180



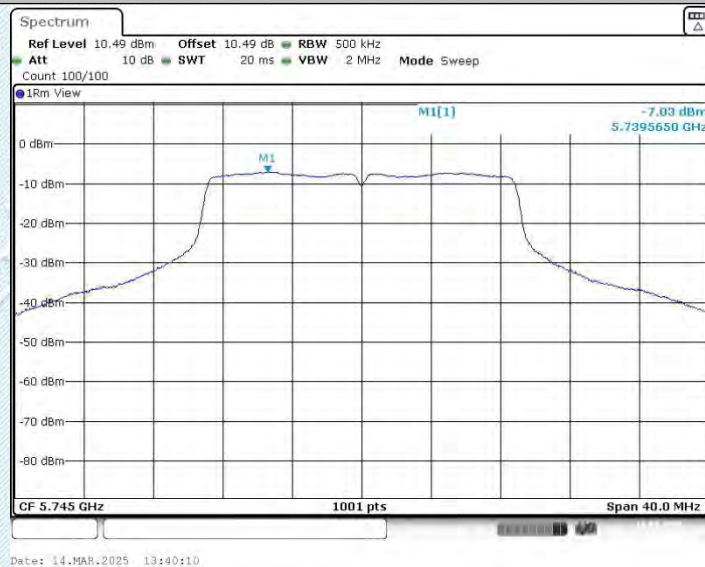
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190