

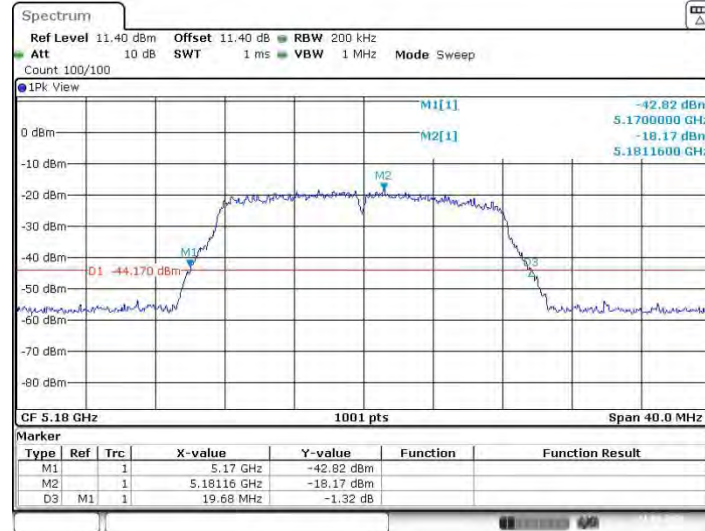
Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.68	5170.00	5189.68	---	PASS
		5220	19.76	5209.96	5229.72	---	PASS
		5240	19.72	5230.00	5249.72	---	PASS
11N20SISO	Ant1	5180	20.00	5169.84	5189.84	---	PASS
		5220	20.12	5209.72	5229.84	---	PASS
		5240	20.24	5229.68	5249.92	---	PASS
11N40SISO	Ant1	5190	41.12	5169.04	5210.16	---	PASS
		5230	41.28	5209.04	5250.32	---	PASS
11AC20SISO	Ant1	5180	20.12	5169.80	5189.92	---	PASS
		5220	20.12	5209.76	5229.88	---	PASS
		5240	20.28	5229.80	5250.08	---	PASS
11AC40SISO	Ant1	5190	41.20	5169.12	5210.32	---	PASS
		5230	41.20	5209.04	5250.24	---	PASS
11AC80SISO	Ant1	5210	81.60	5168.88	5250.48	---	PASS

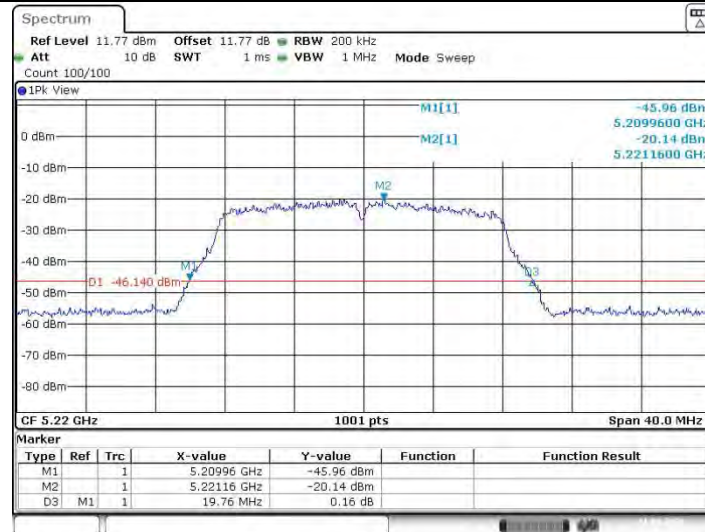
Test Graphs

11A_Ant1_5180



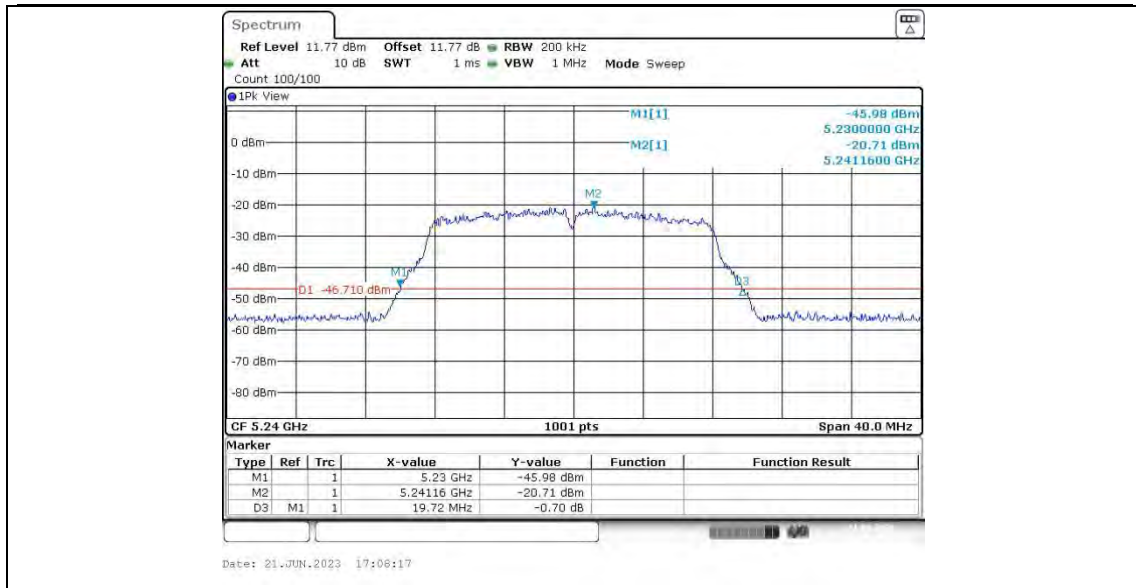
Date: 21 JUN 2023 17:05:06

11A_Ant1_5220

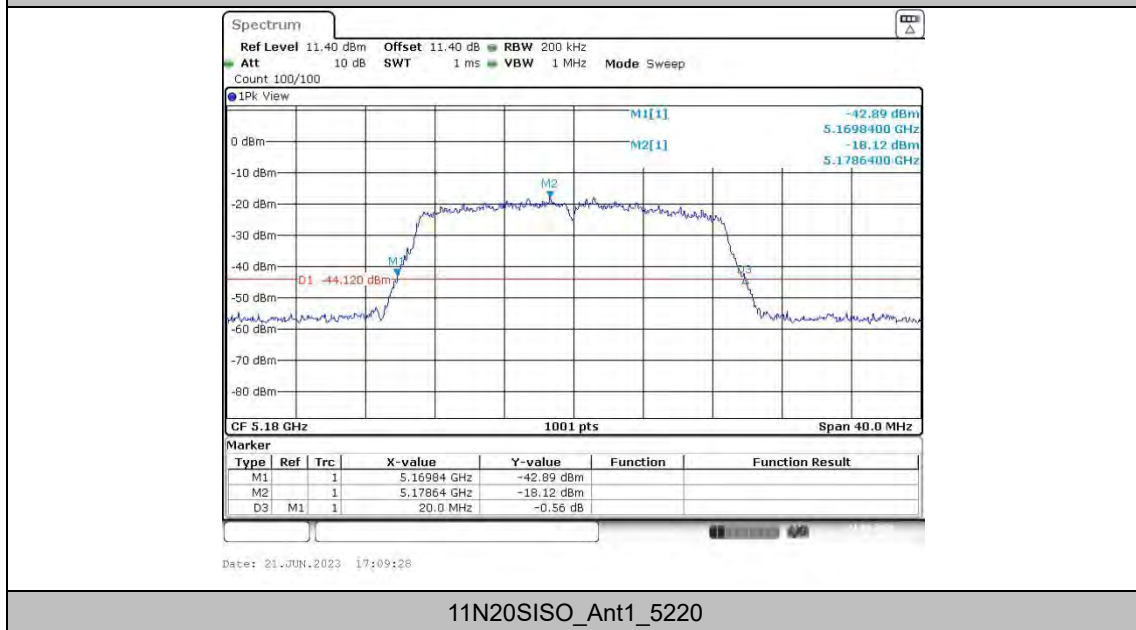


Date: 21 JUN 2023 17:07:14

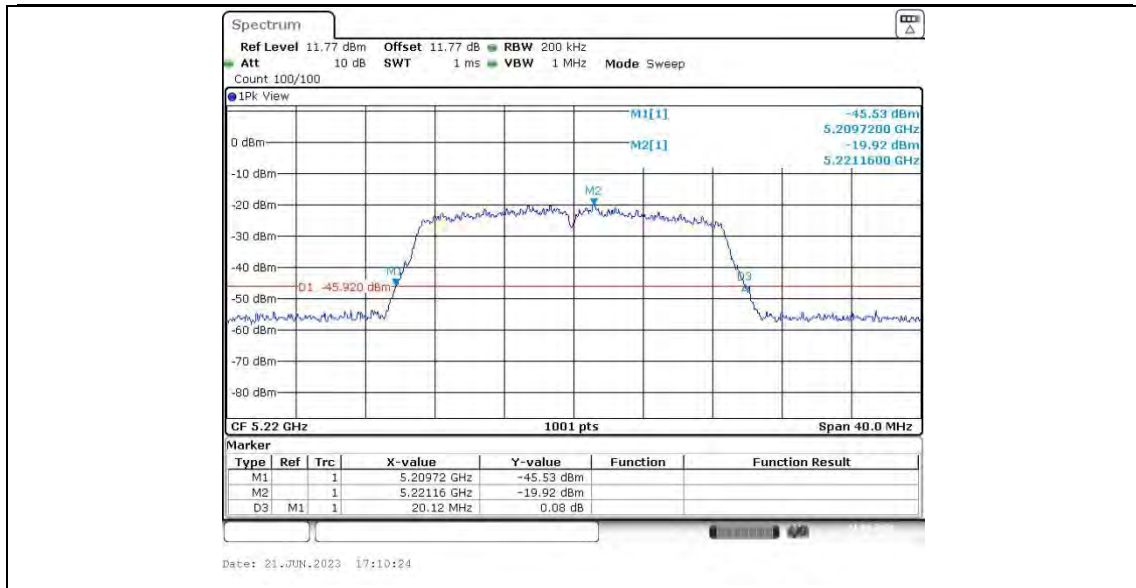
11A_Ant1_5240



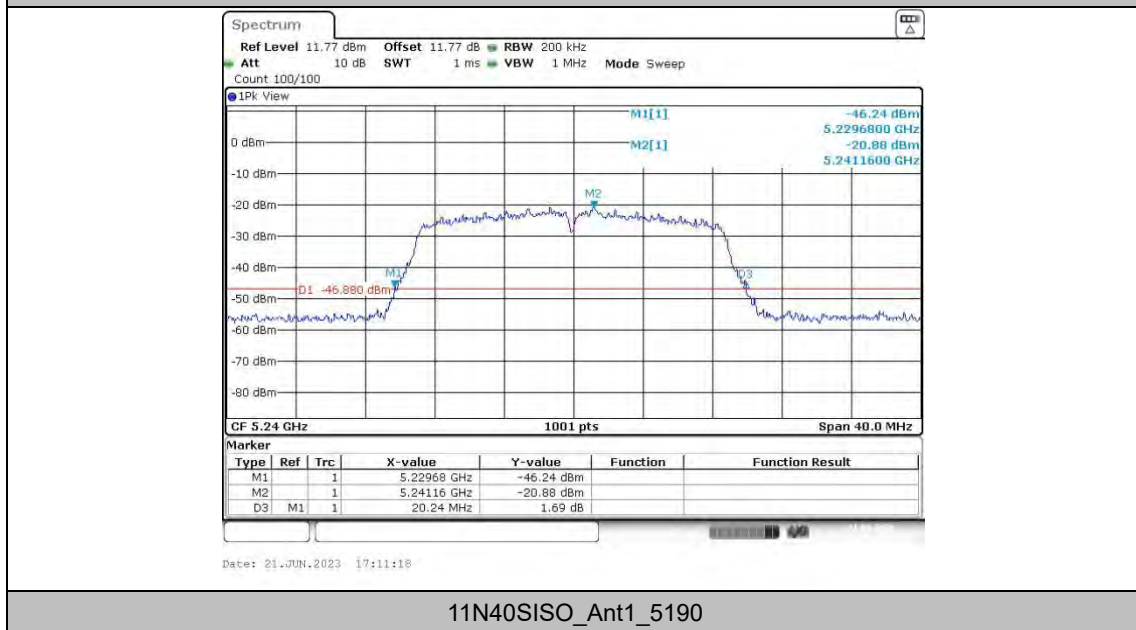
11N20SISO_Ant1_5180



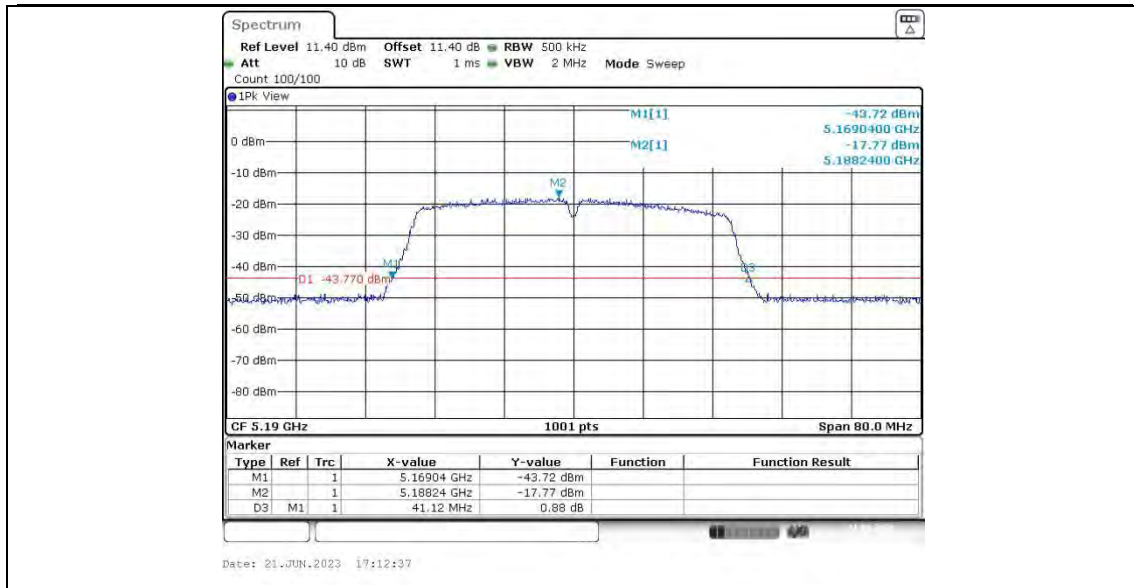
11N20SISO_Ant1_5220



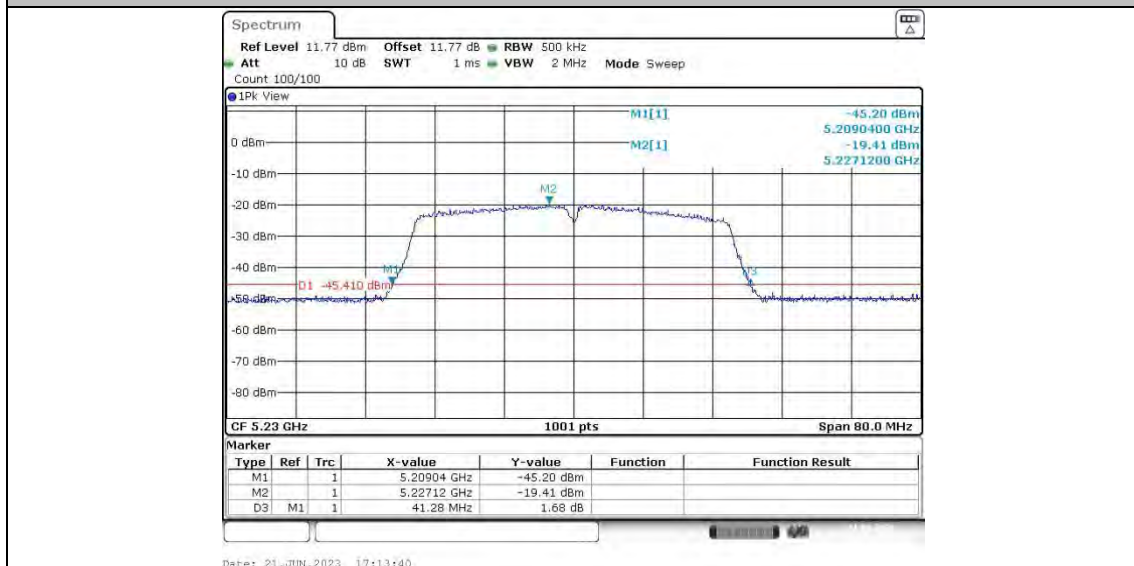
11N20SISO_Ant1_5240



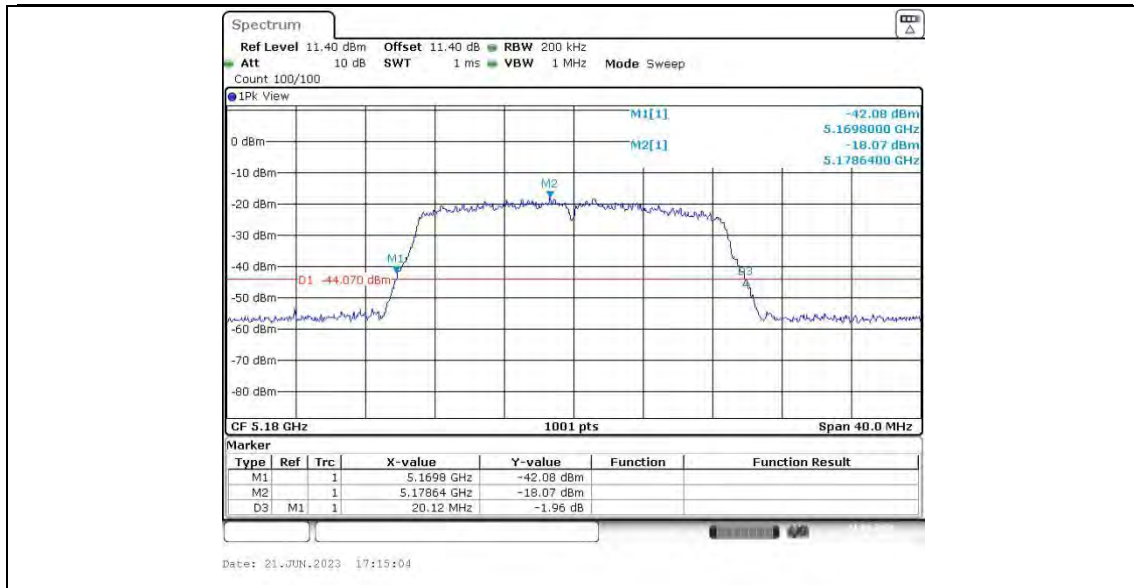
11N40SISO_Ant1_5190



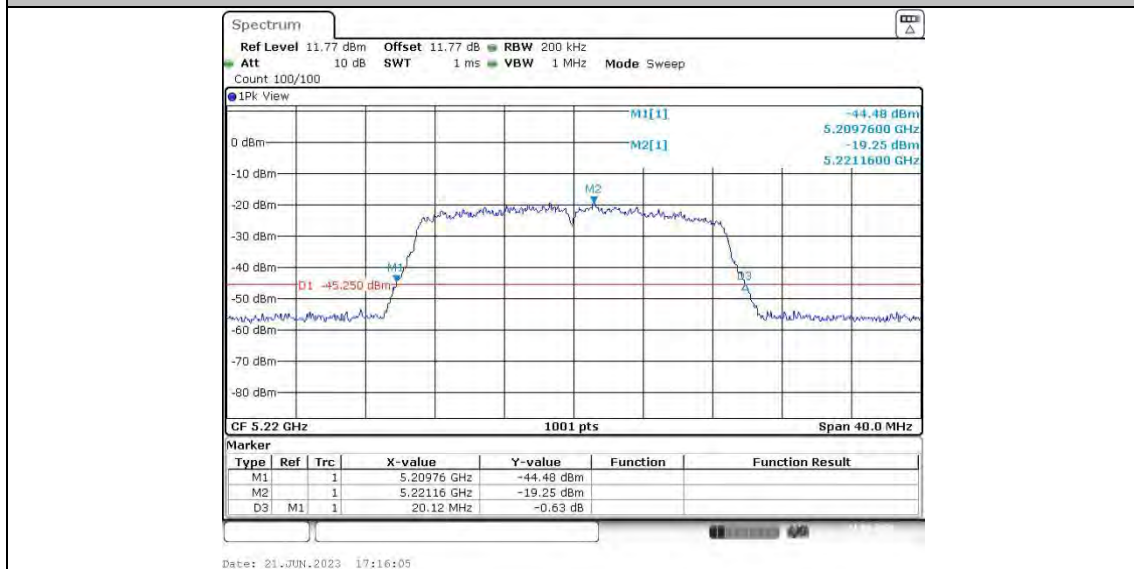
11N40SISO_Ant1_5230



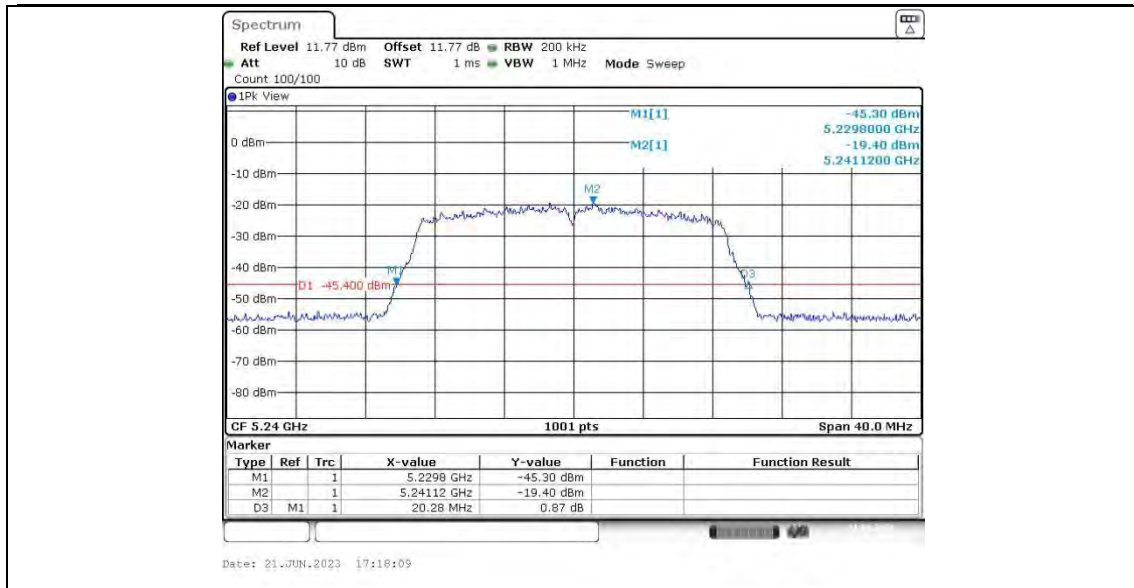
11AC20SISO_Ant1_5180



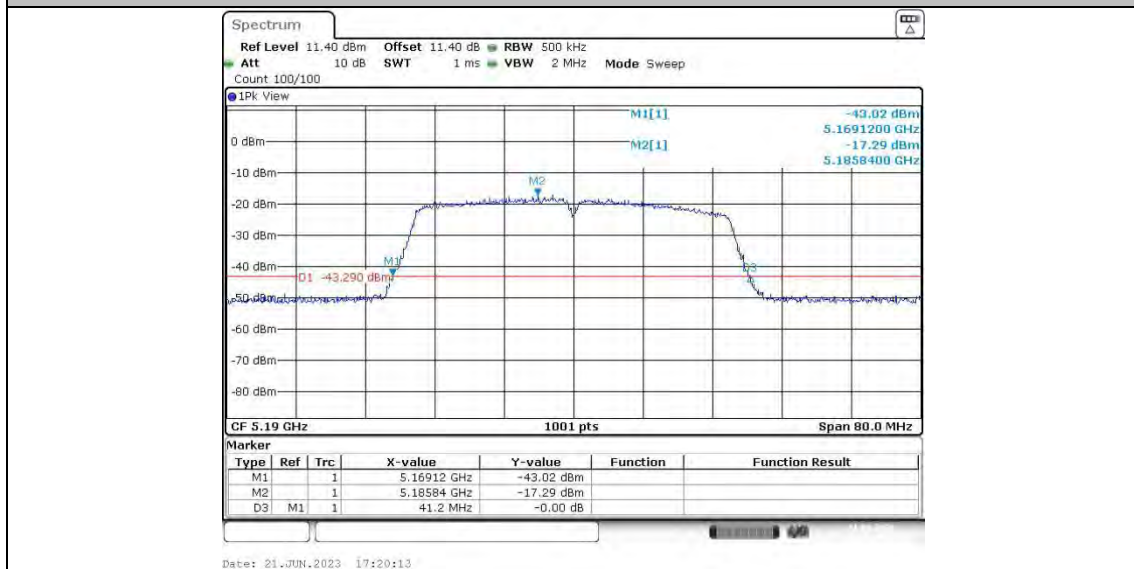
11AC20SISO_Ant1_5220



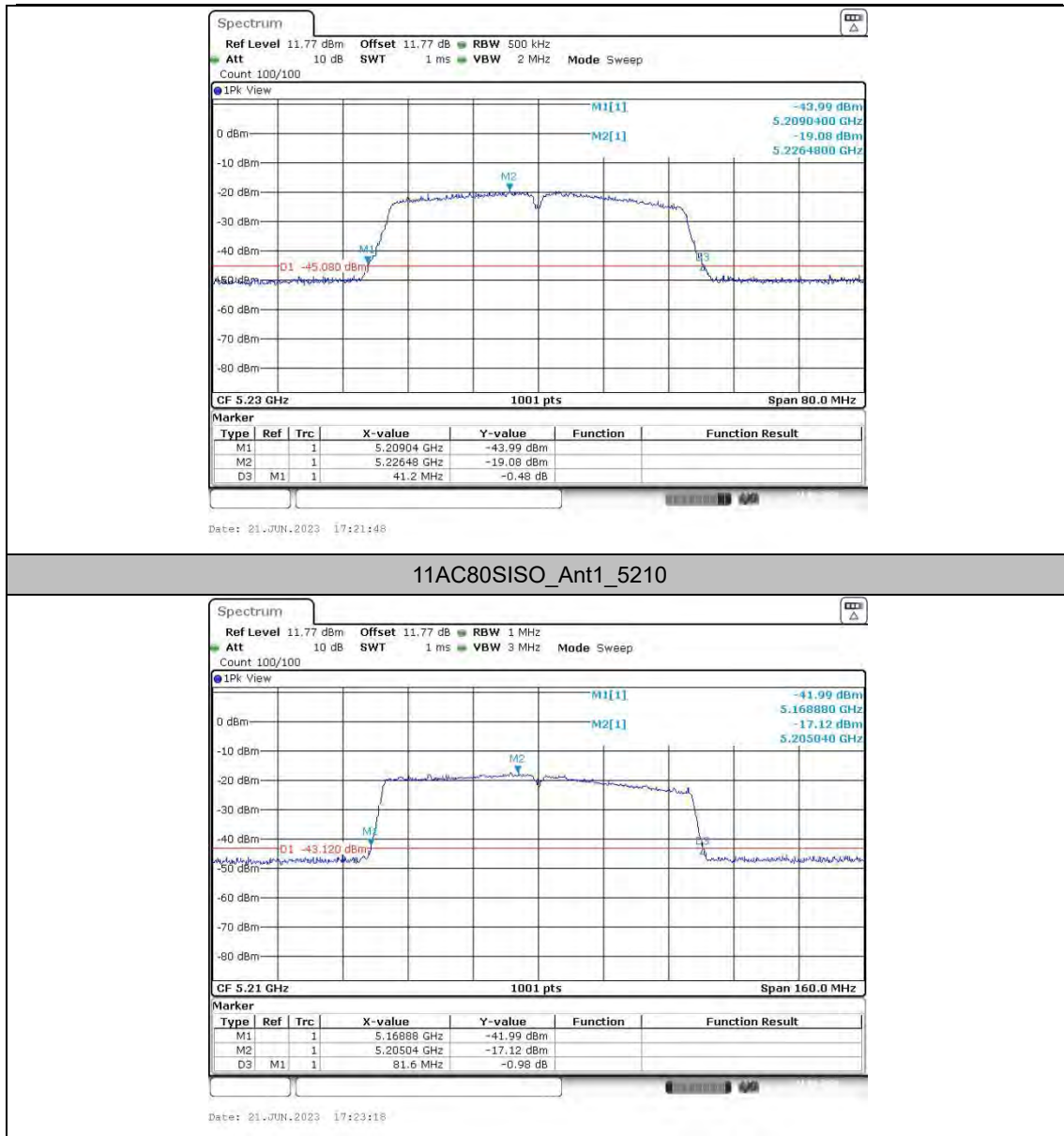
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



Appendix A2: Occupied channel bandwidth

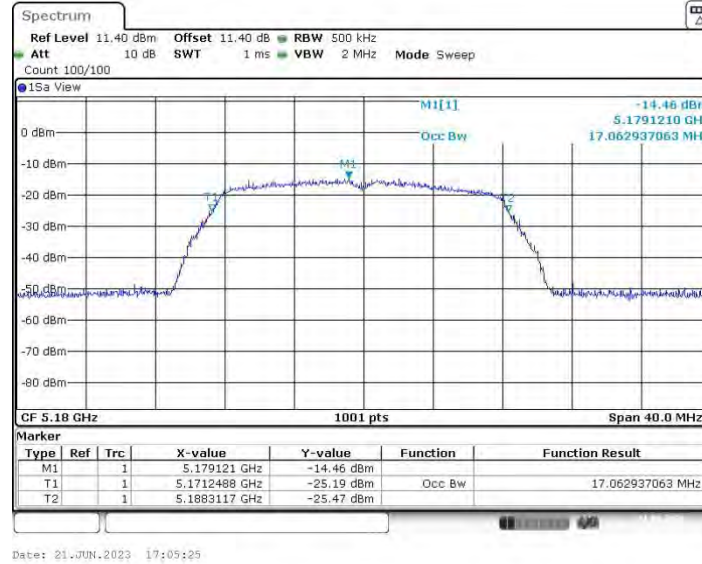
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.063	5171.249	5188.312	---	PASS
		5220	17.183	5211.209	5228.392	---	PASS
		5240	17.223	5231.209	5248.432	---	PASS
11N20SISO	Ant1	5180	17.982	5170.769	5188.751	---	PASS
		5220	18.022	5210.809	5228.831	---	PASS
		5240	18.062	5230.809	5248.871	---	PASS
11N40SISO	Ant1	5190	36.444	5171.459	5207.902	---	PASS
		5230	36.444	5211.538	5247.982	---	PASS
11AC20SISO	Ant1	5180	17.982	5170.809	5188.791	---	PASS
		5220	18.062	5210.809	5228.871	---	PASS
		5240	18.102	5230.769	5248.871	---	PASS
11AC40SISO	Ant1	5190	36.444	5171.459	5207.902	---	PASS
		5230	36.444	5211.538	5247.982	---	PASS
11AC80SISO	Ant1	5210	75.445	5171.638	5247.083	---	PASS

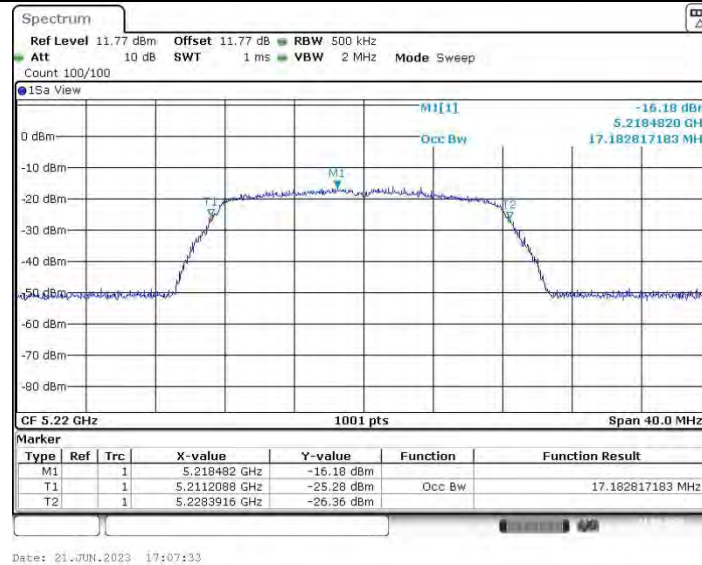
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.822	5735.969	5753.791	---	PASS
		5785	17.822	5775.969	5793.791	---	PASS
		5825	17.822	5815.929	5833.751	---	PASS
11N20SISO	Ant1	5745	18.661	5735.569	5754.231	---	PASS
		5785	18.741	5775.490	5794.231	---	PASS
		5825	18.661	5815.490	5834.151	---	PASS
11N40SISO	Ant1	5755	37.323	5736.379	5773.701	---	PASS
		5795	37.323	5776.299	5813.621	---	PASS
11AC20SISO	Ant1	5745	18.621	5735.609	5754.231	---	PASS
		5785	18.661	5775.569	5794.231	---	PASS
		5825	18.581	5815.569	5834.151	---	PASS
11AC40SISO	Ant1	5755	37.243	5736.459	5773.701	---	PASS
		5795	37.003	5776.379	5813.382	---	PASS
11AC80SISO	Ant1	5775	76.084	5737.118	5813.202	---	PASS

Test Graphs

11A_Ant1_5180



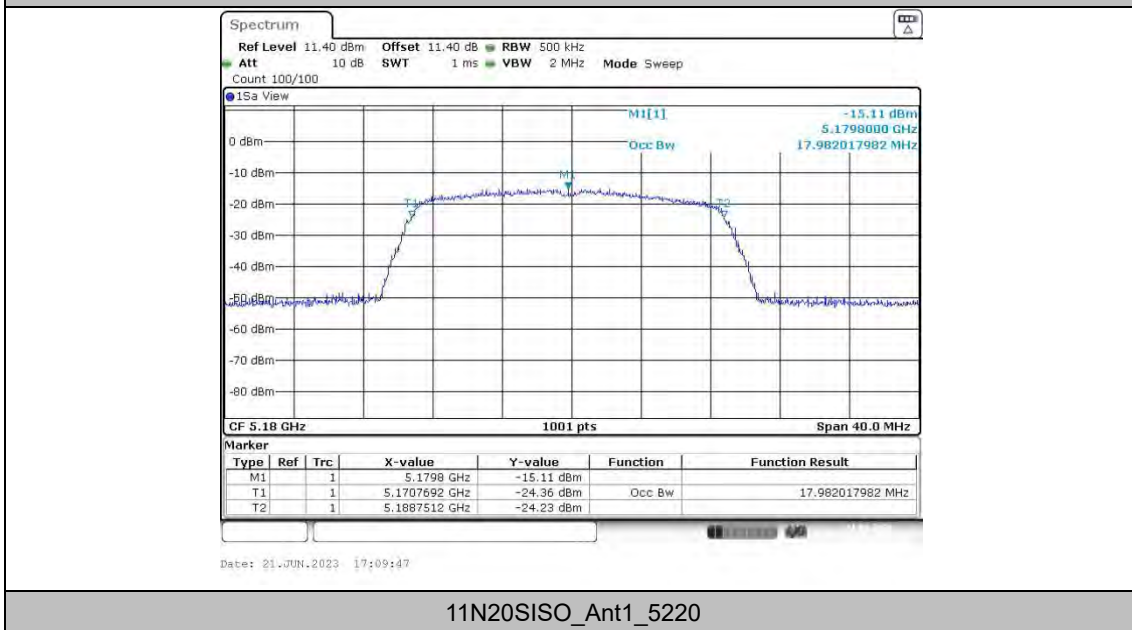
11A_Ant1_5220



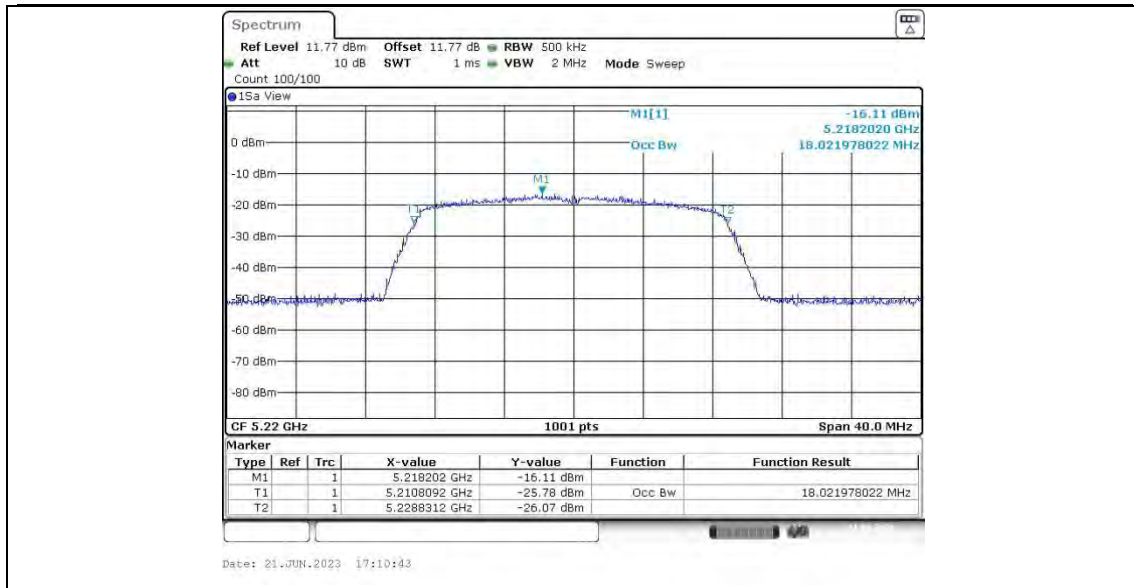
11A_Ant1_5240



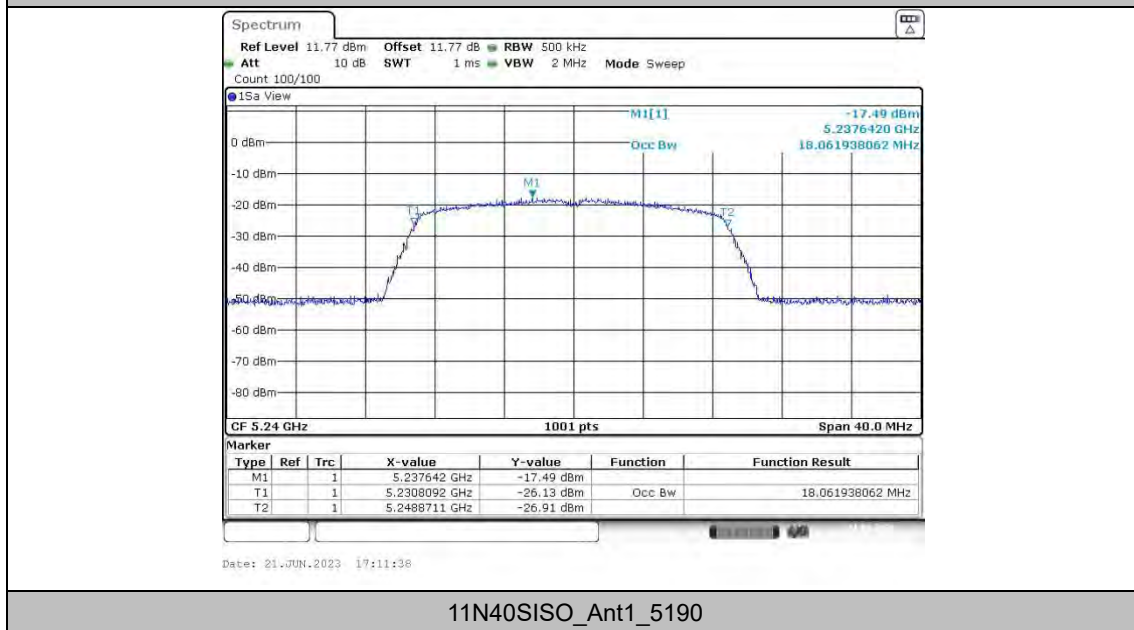
11N20SISO_Ant1_5180



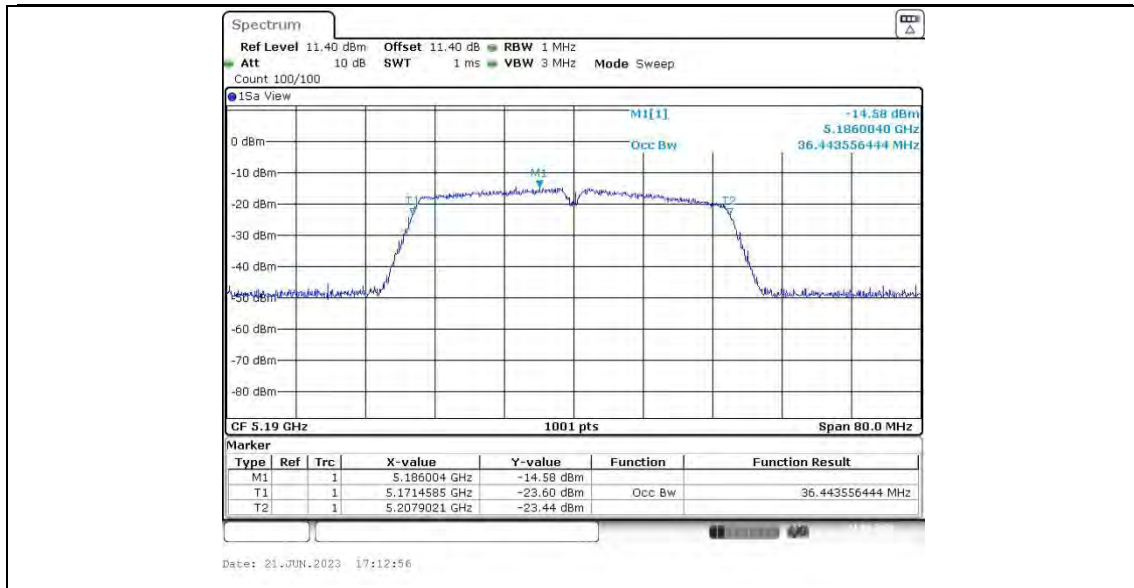
11N20SISO_Ant1_5220



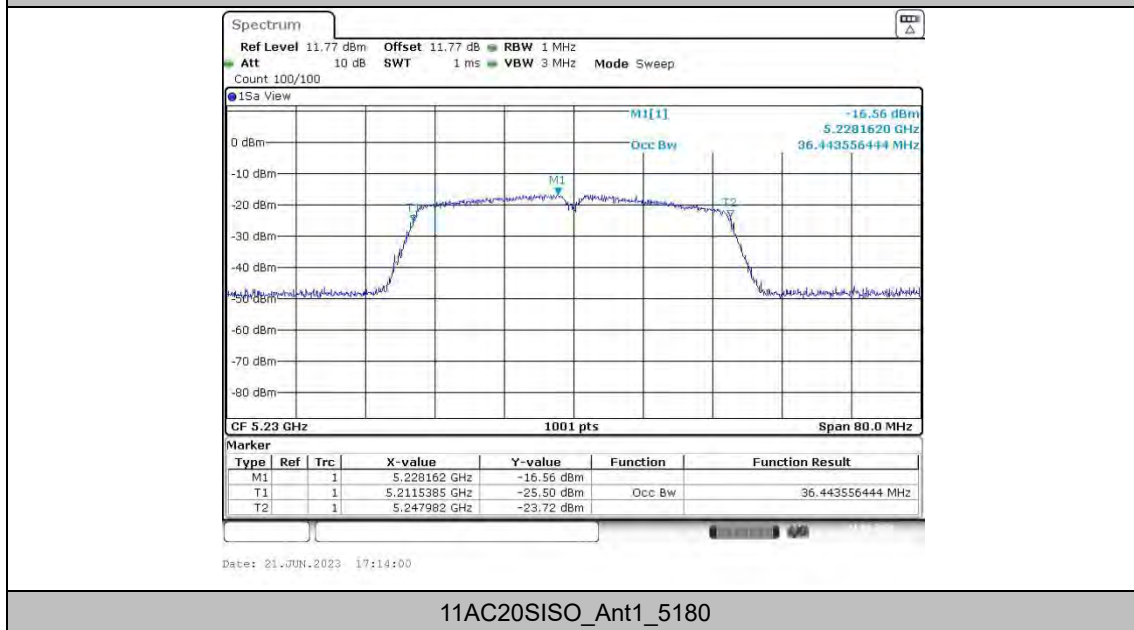
11N20SISO_Ant1_5240



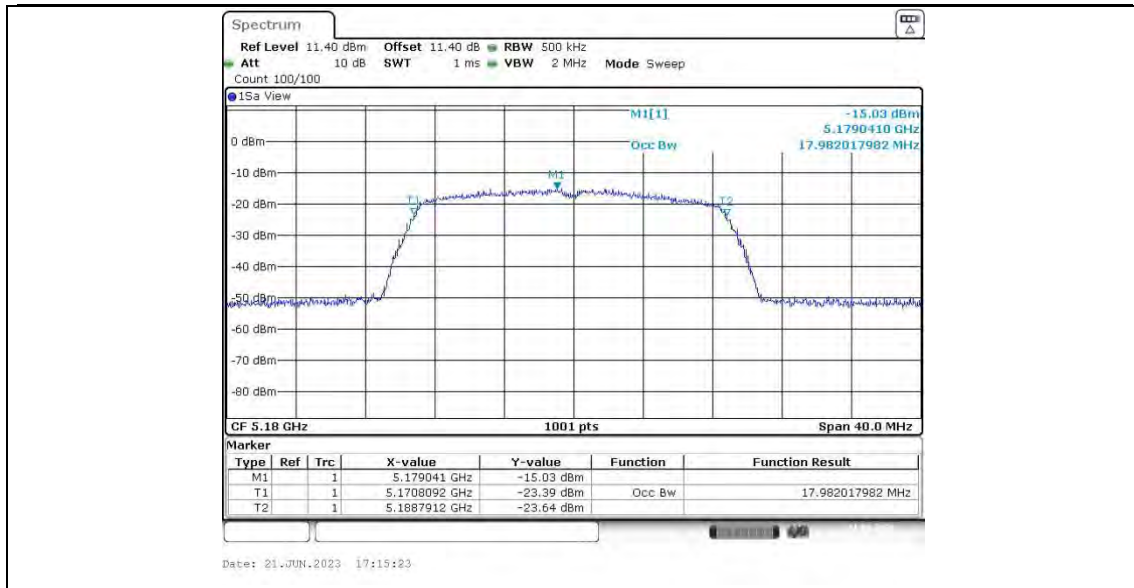
11N40SISO_Ant1_5190



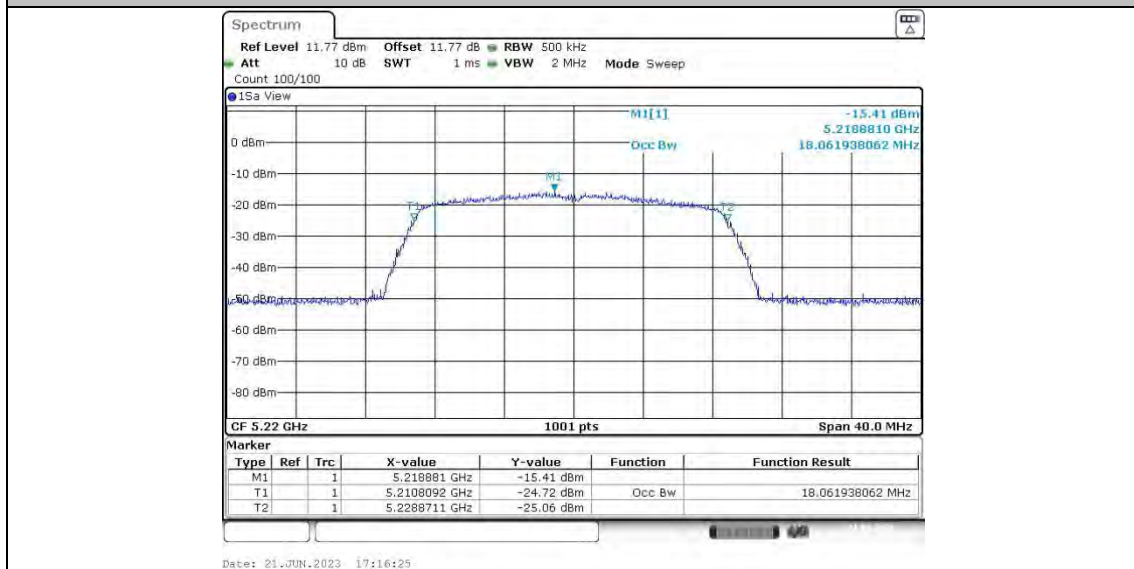
11N40SISO_Ant1_5230



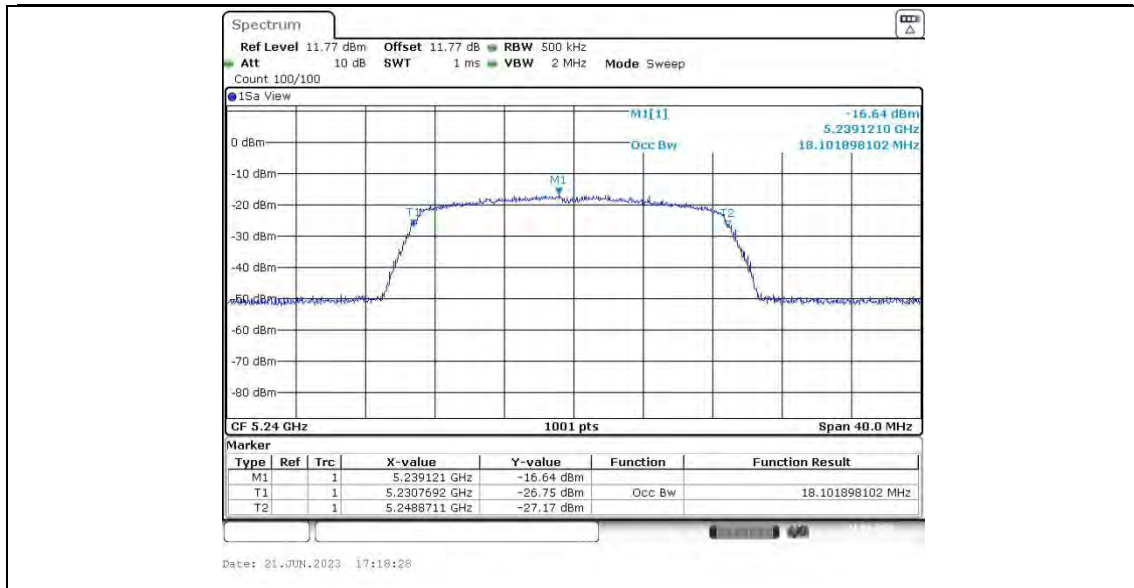
11AC20SISO_Ant1_5180



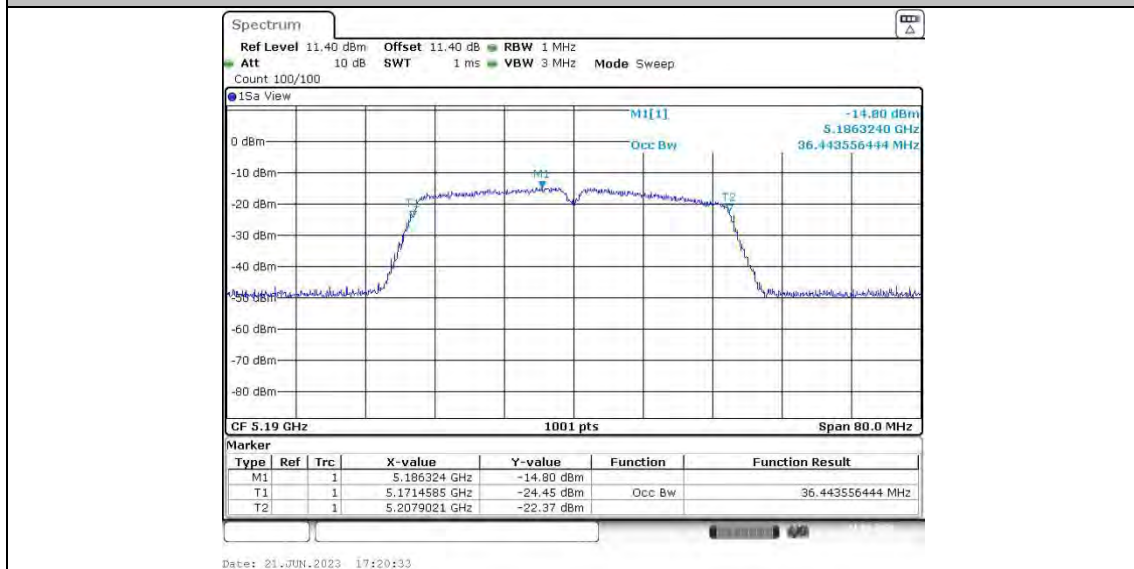
11AC20SISO_Ant1_5220



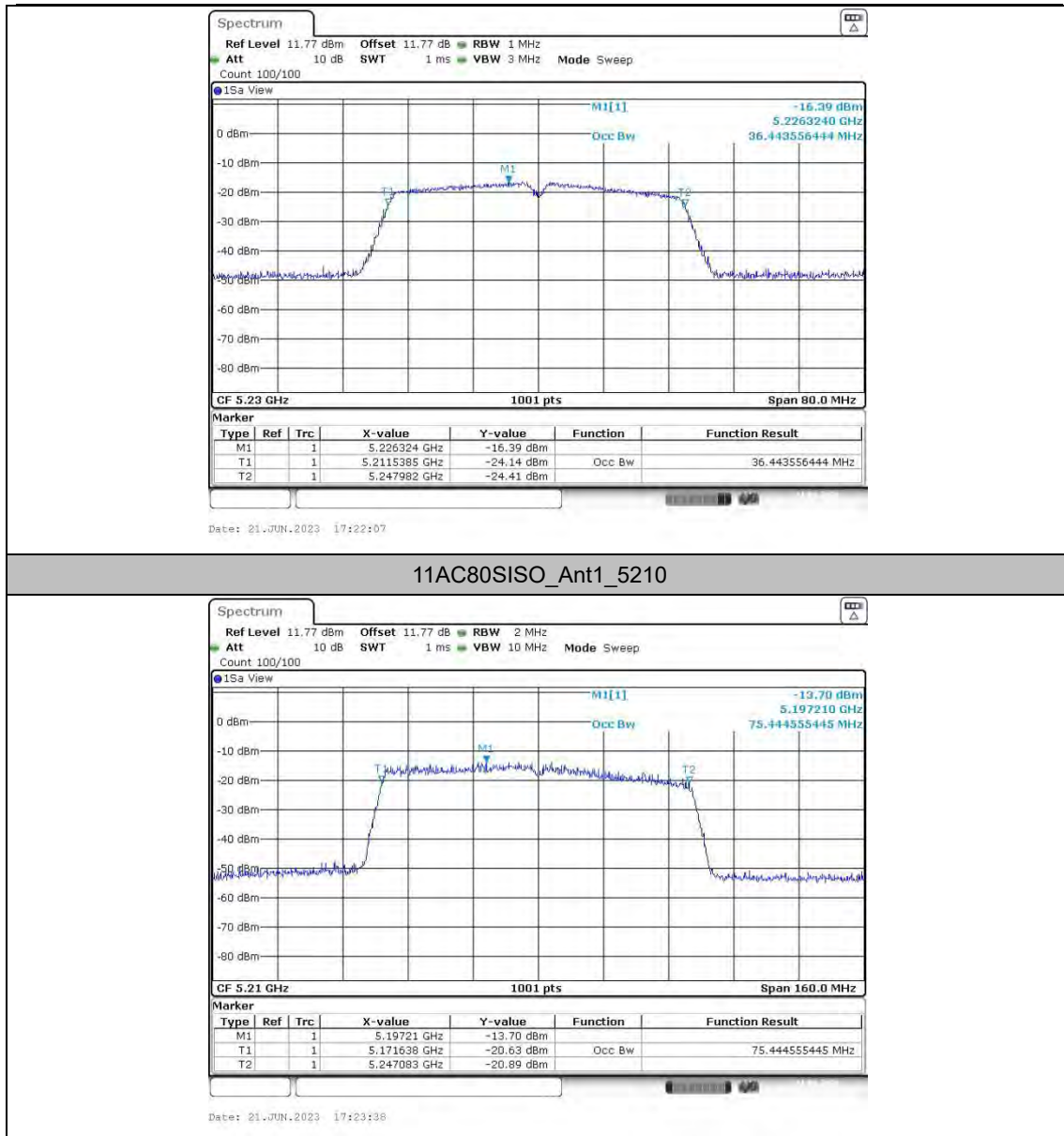
11AC20SISO_Ant1_5240



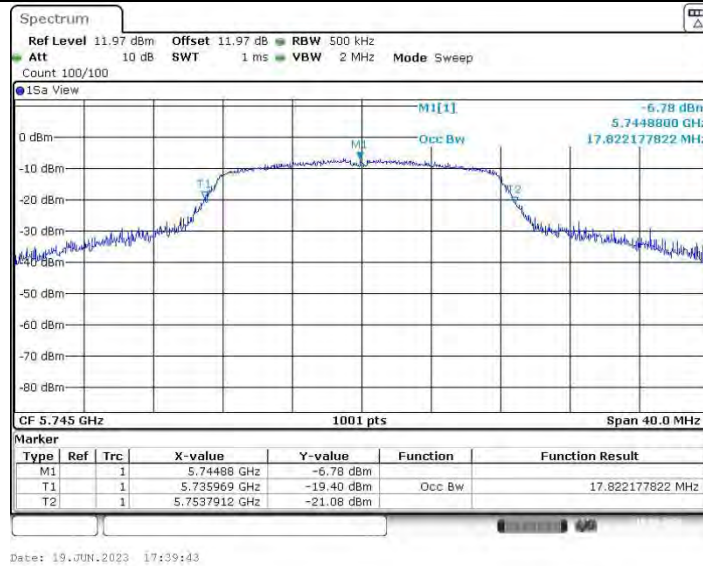
11AC40SISO_Ant1_5190



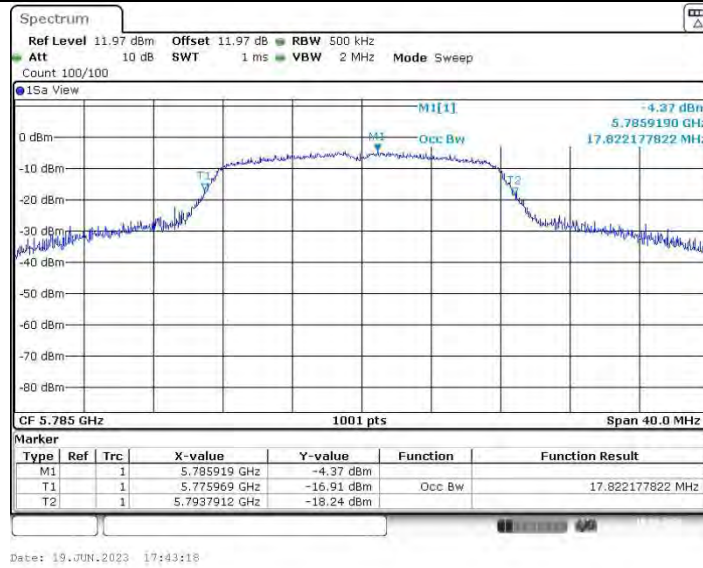
11AC40SISO_Ant1_5230



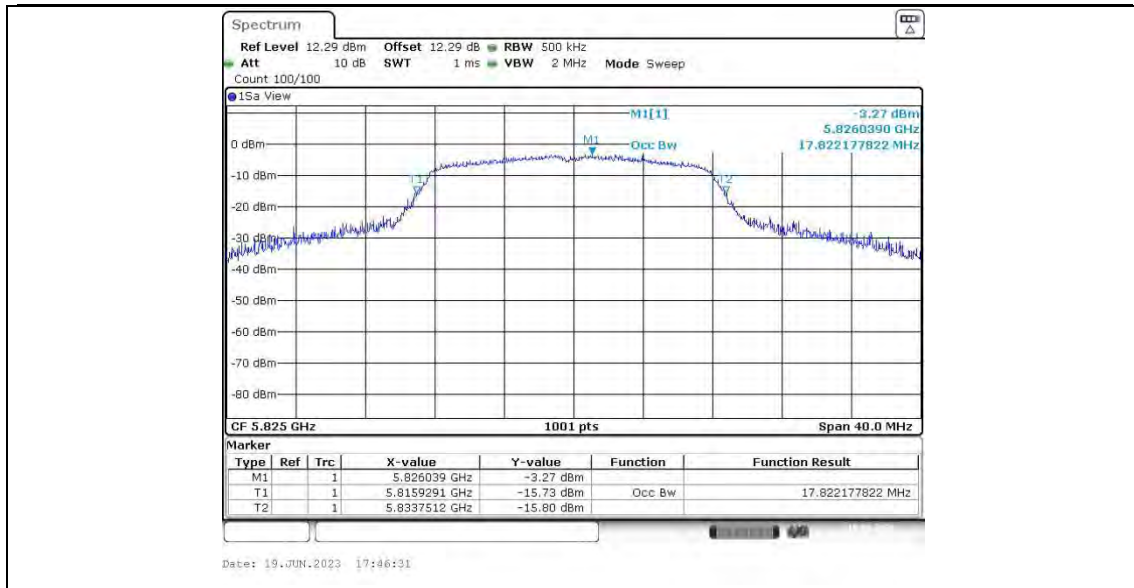
11A_Ant1_5745



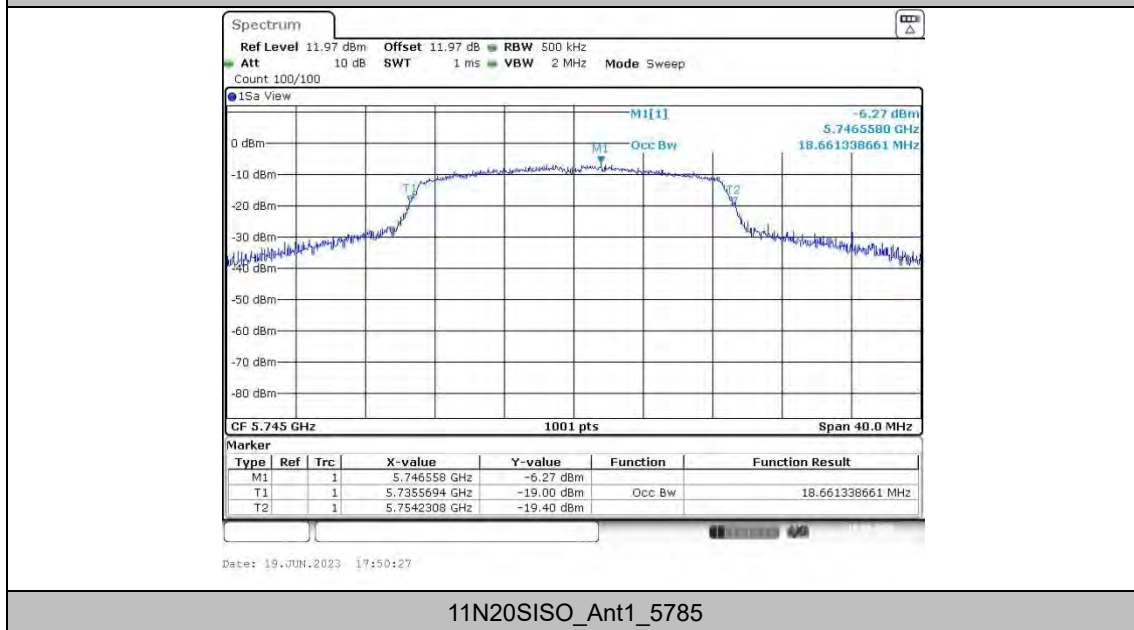
11A_Ant1_5785



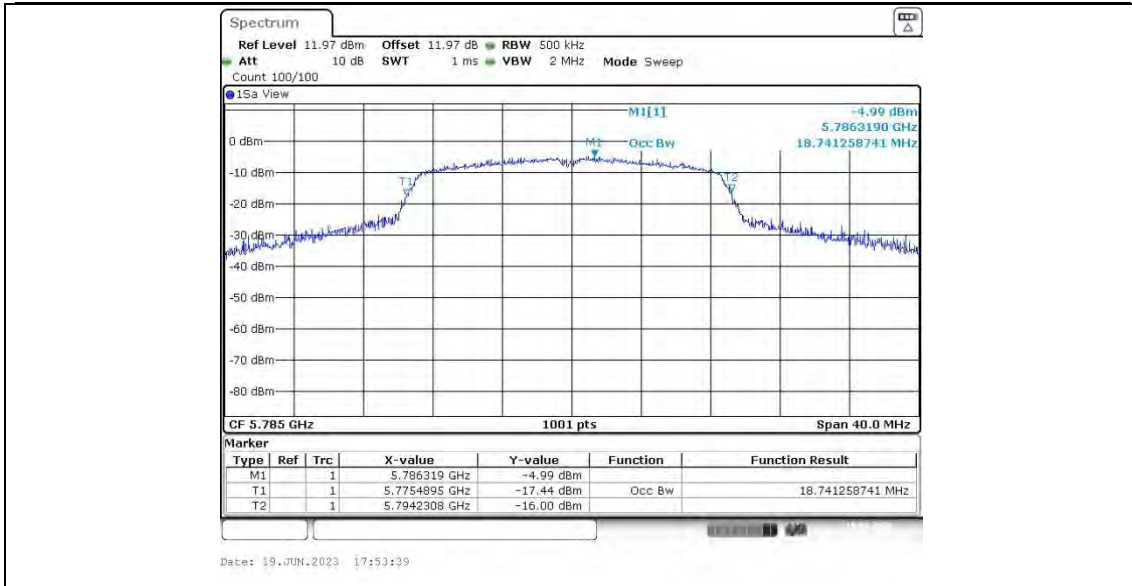
11A_Ant1_5825



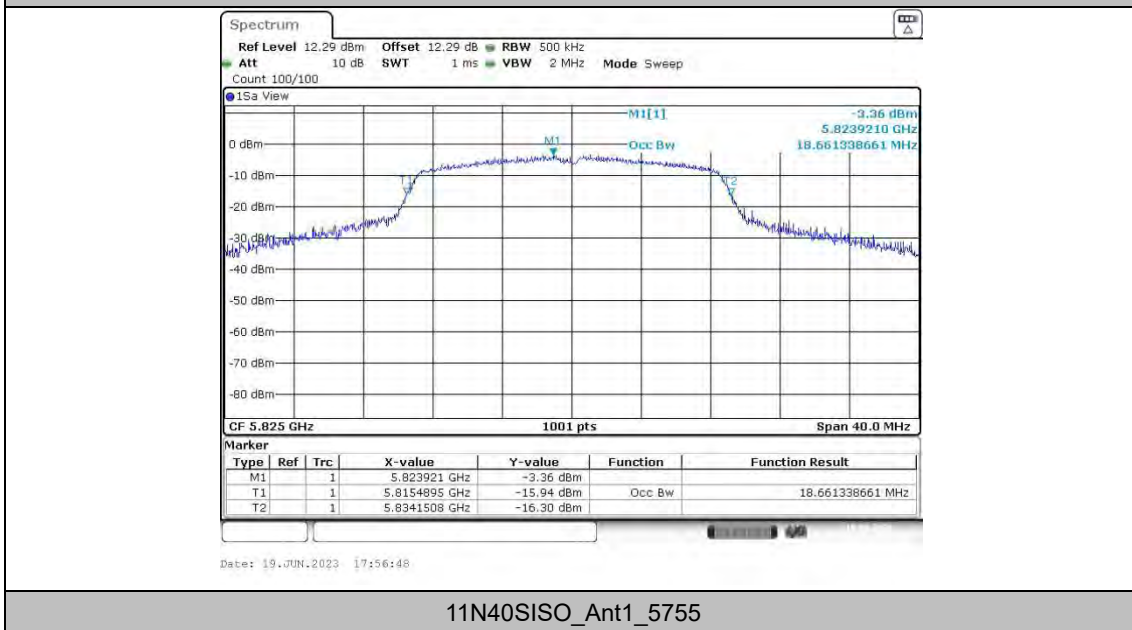
11N20SISO_Ant1_5745



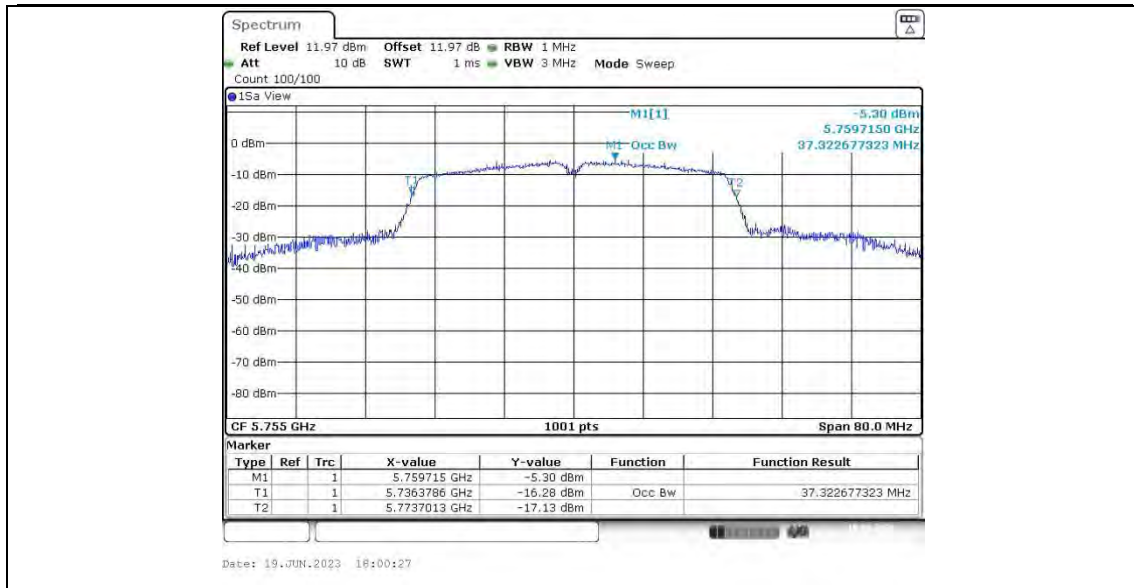
11N20SISO_Ant1_5785



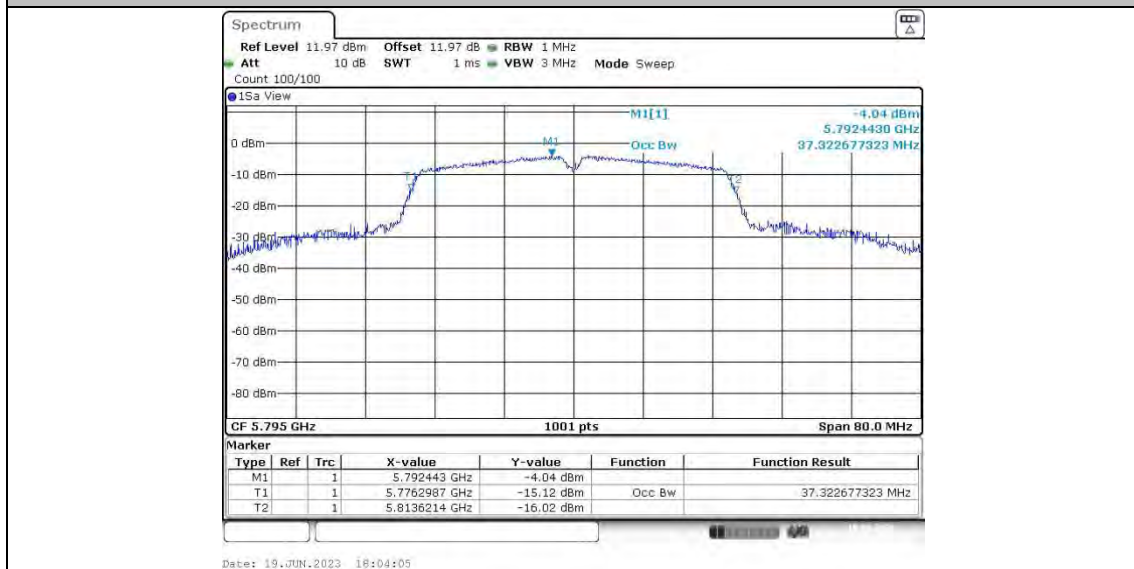
11N20SISO_Ant1_5825



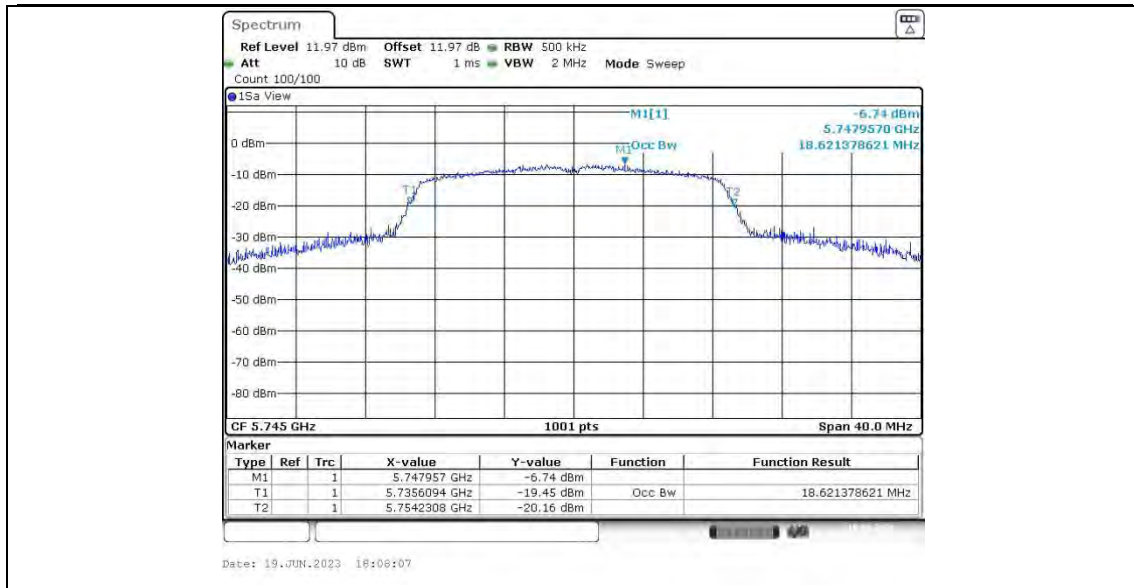
11N40SISO_Ant1_5755



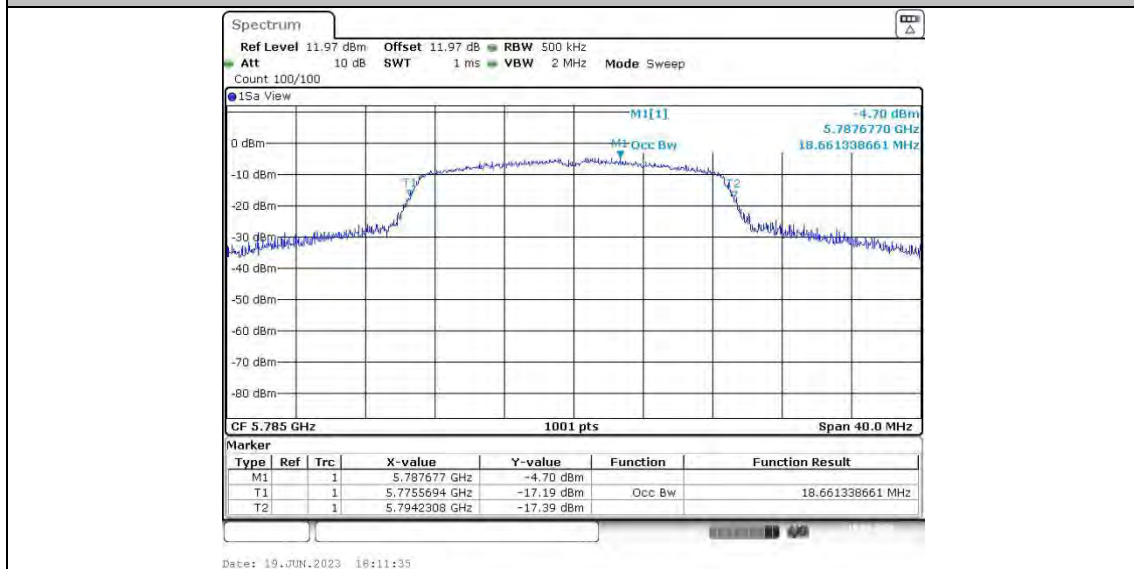
11N40SISO_Ant1_5795



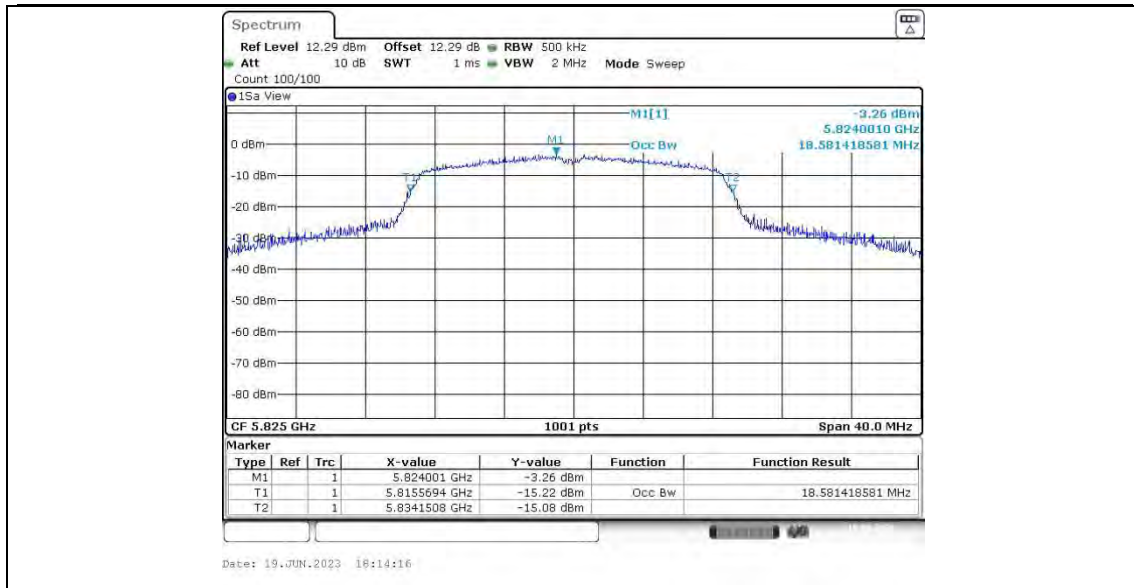
11AC20SISO_Ant1_5745



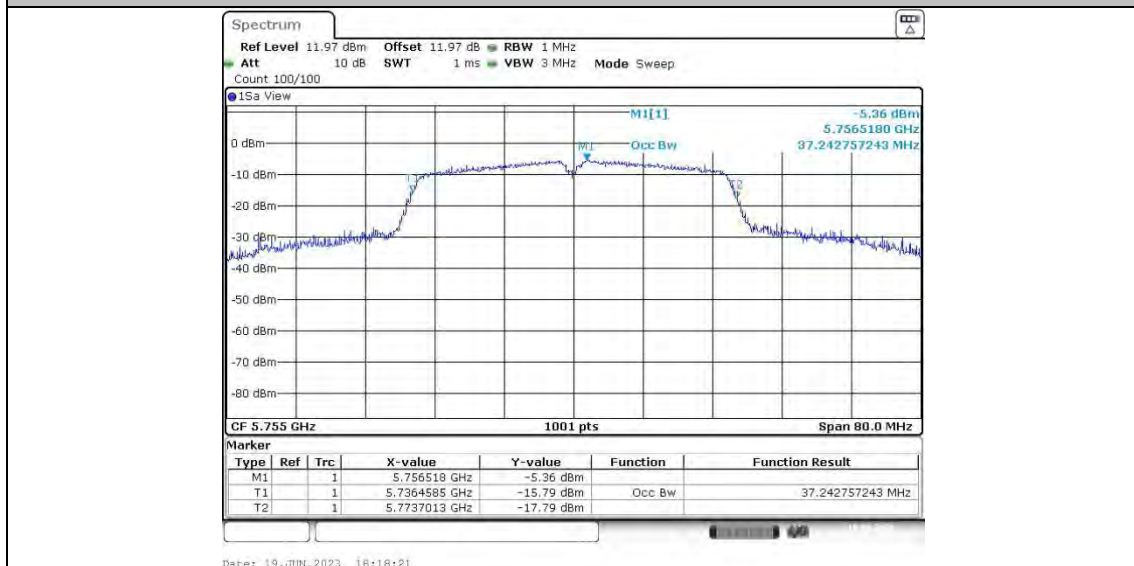
11AC20SISO_Ant1_5785



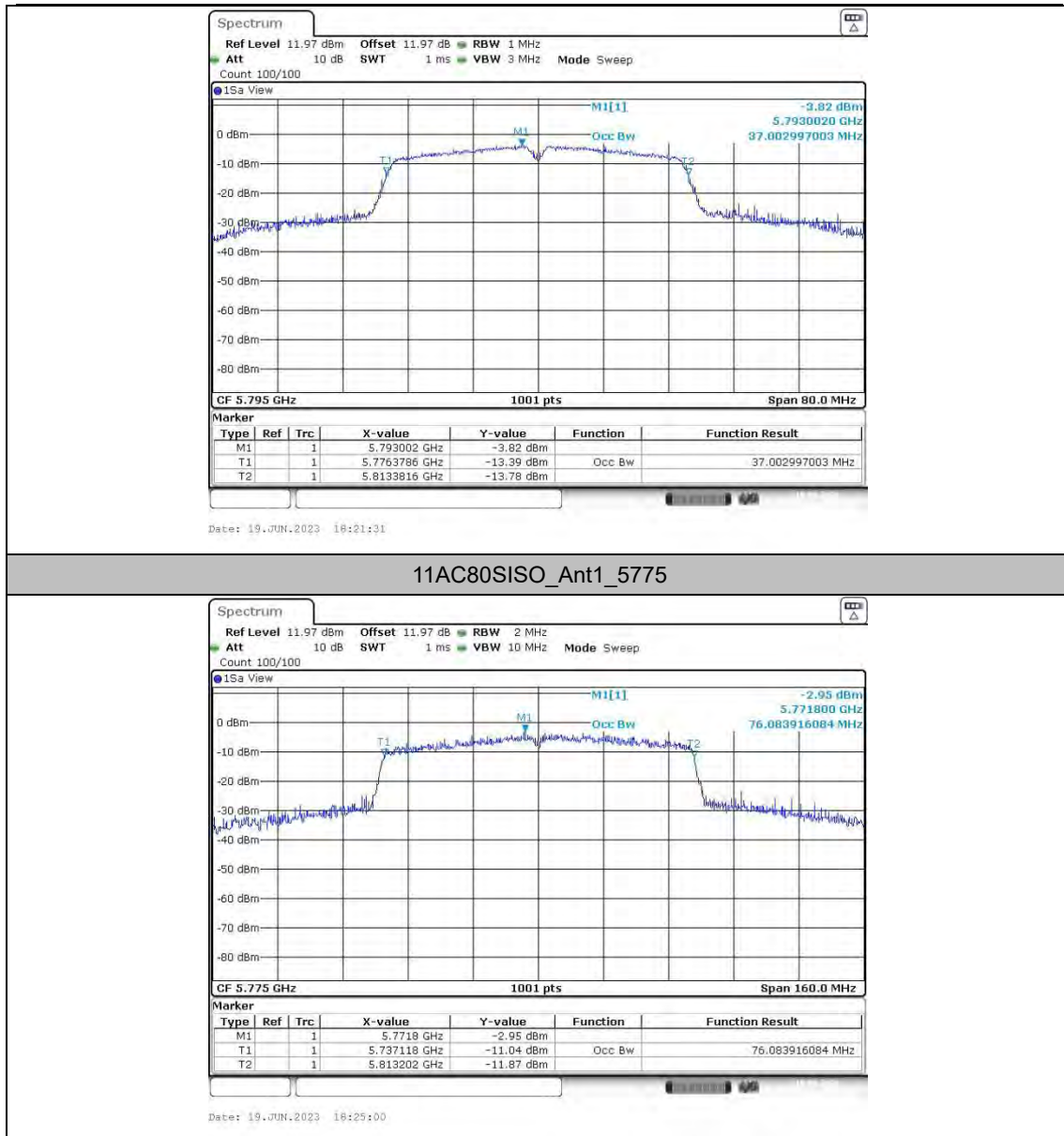
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



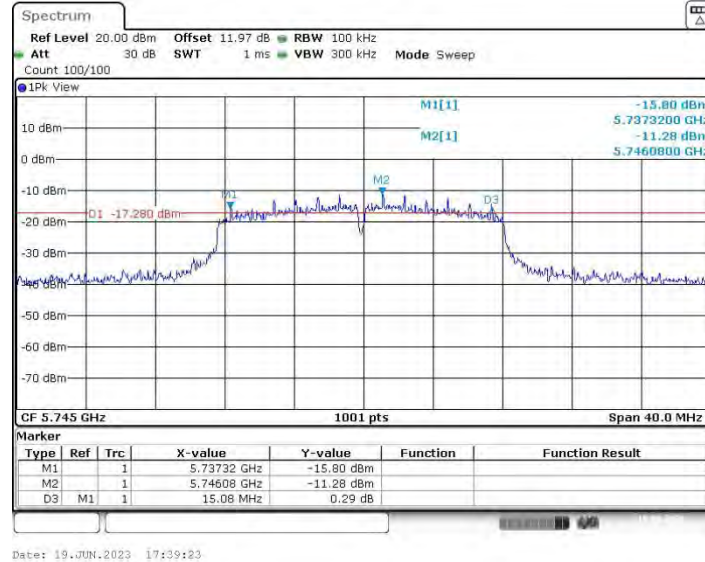
Appendix A3: 6dB emission bandwidth

Test Result

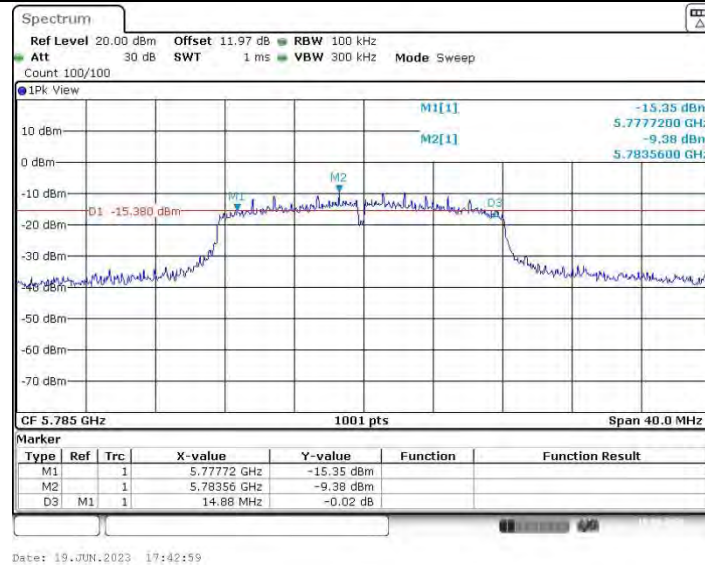
TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.08	5737.32	5752.40	0.5	PASS
		5785	14.88	5777.72	5792.60	0.5	PASS
		5825	15.12	5817.28	5832.40	0.5	PASS
11N20SISO	Ant1	5745	15.04	5737.32	5752.36	0.5	PASS
		5785	13.60	5778.52	5792.12	0.5	PASS
		5825	15.12	5817.28	5832.40	0.5	PASS
11N40SISO	Ant1	5755	35.12	5737.32	5772.44	0.5	PASS
		5795	35.12	5777.32	5812.44	0.5	PASS
11AC20SISO	Ant1	5745	15.08	5737.32	5752.40	0.5	PASS
		5785	15.08	5777.28	5792.36	0.5	PASS
		5825	15.12	5817.28	5832.40	0.5	PASS
11AC40SISO	Ant1	5755	35.12	5737.32	5772.44	0.5	PASS
		5795	35.12	5777.32	5812.44	0.5	PASS
11AC80SISO	Ant1	5775	75.20	5737.24	5812.44	0.5	PASS

Test Graphs

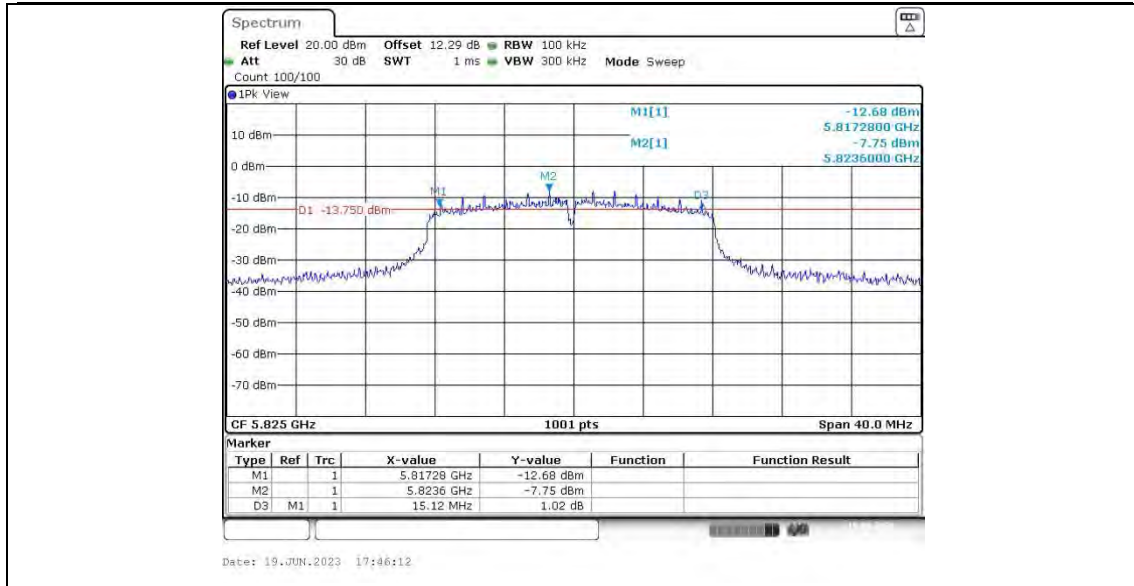
11A_Ant1_5745



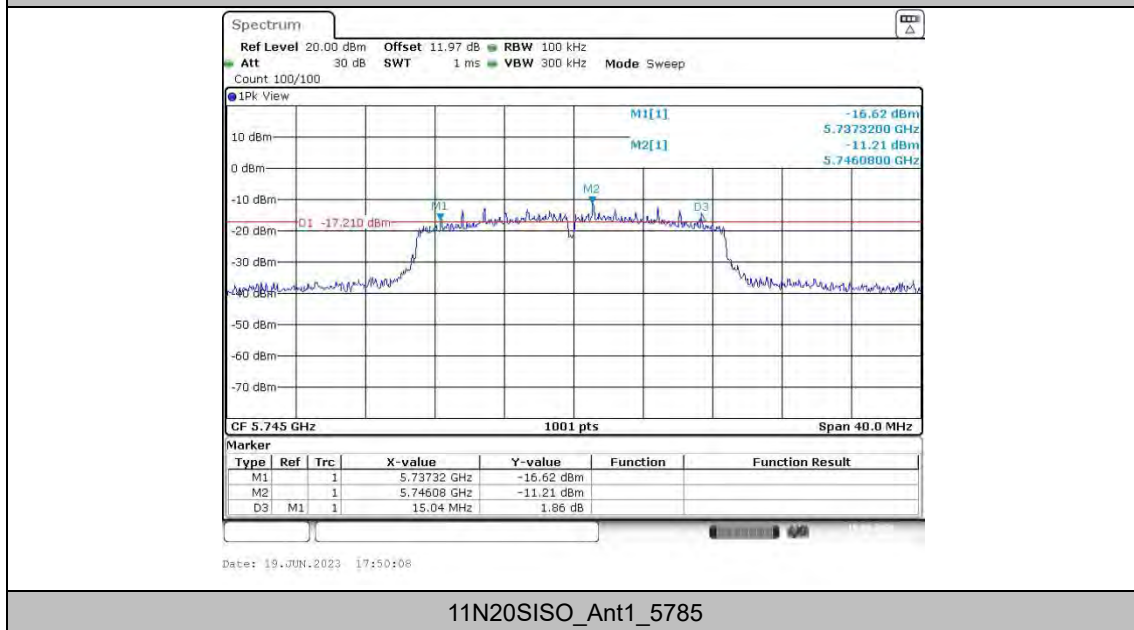
11A_Ant1_5785



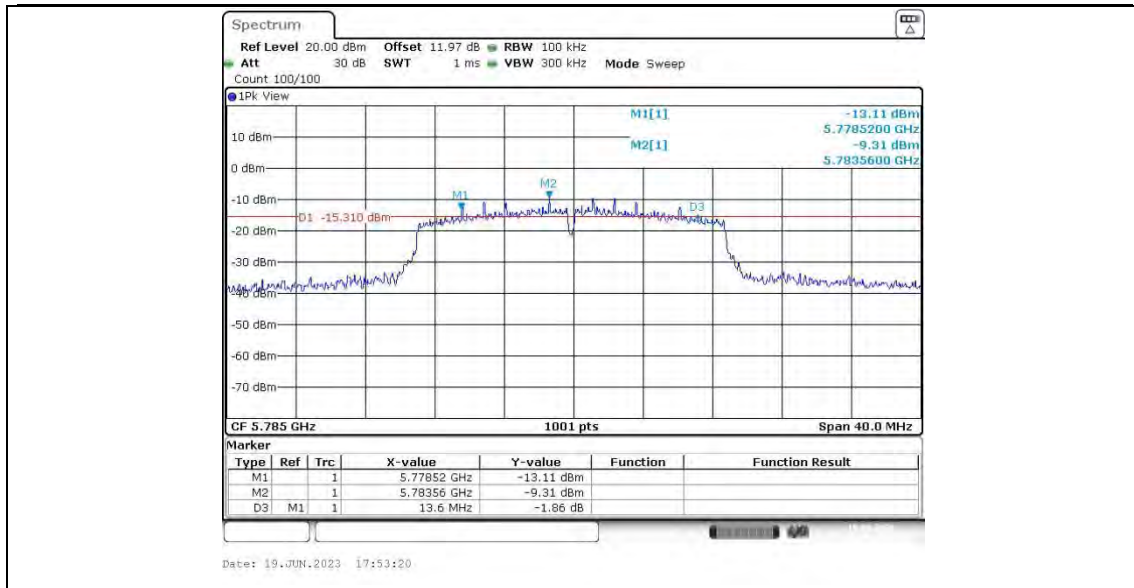
11A_Ant1_5825



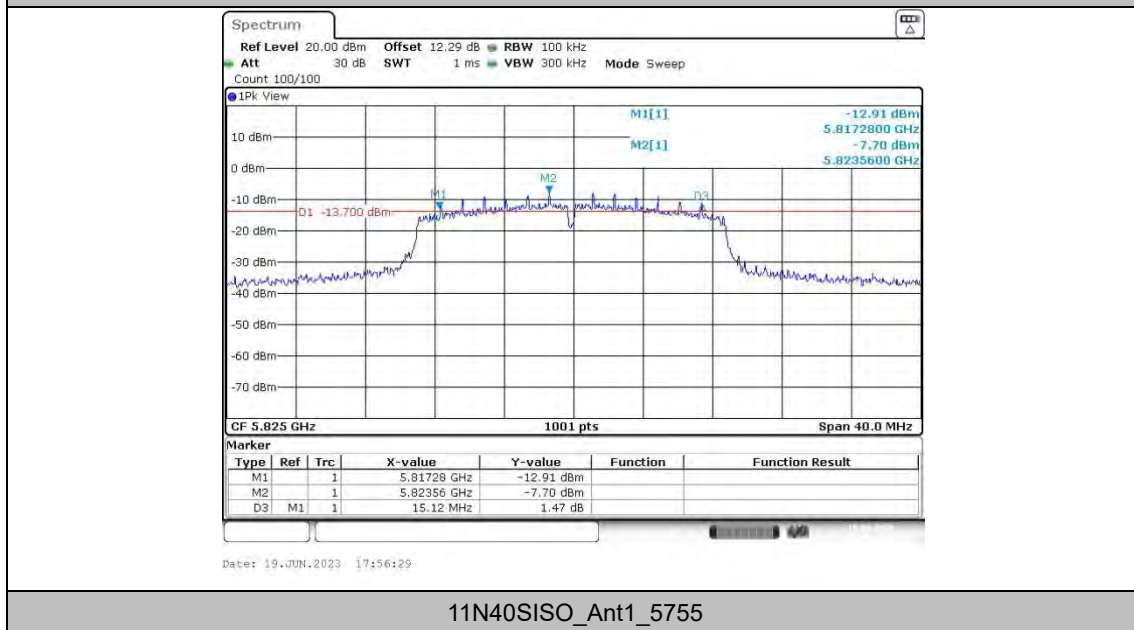
11N20SISO_Ant1_5745



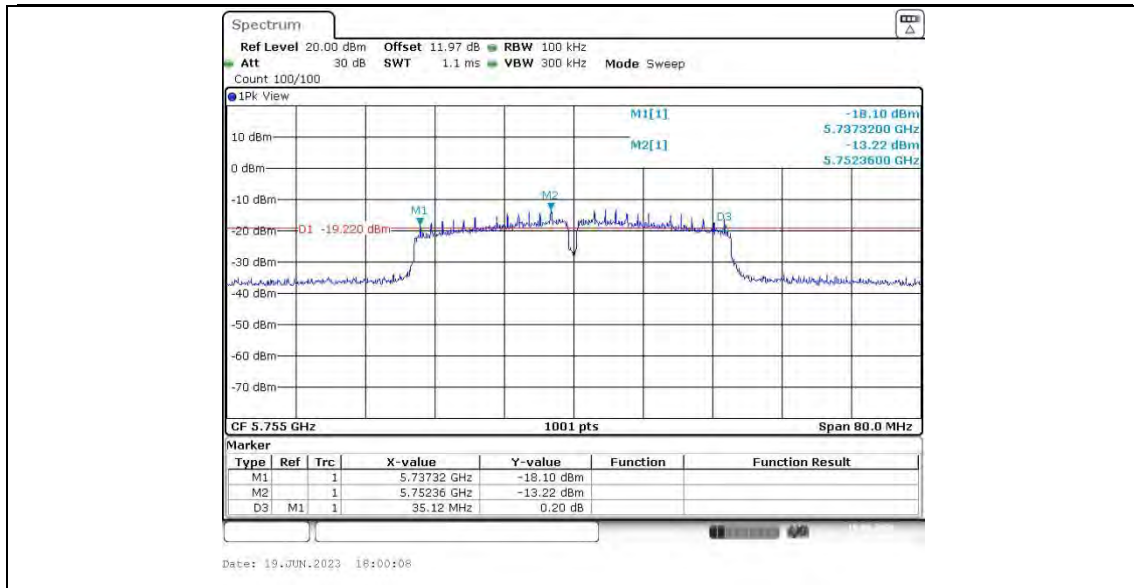
11N20SISO_Ant1_5785



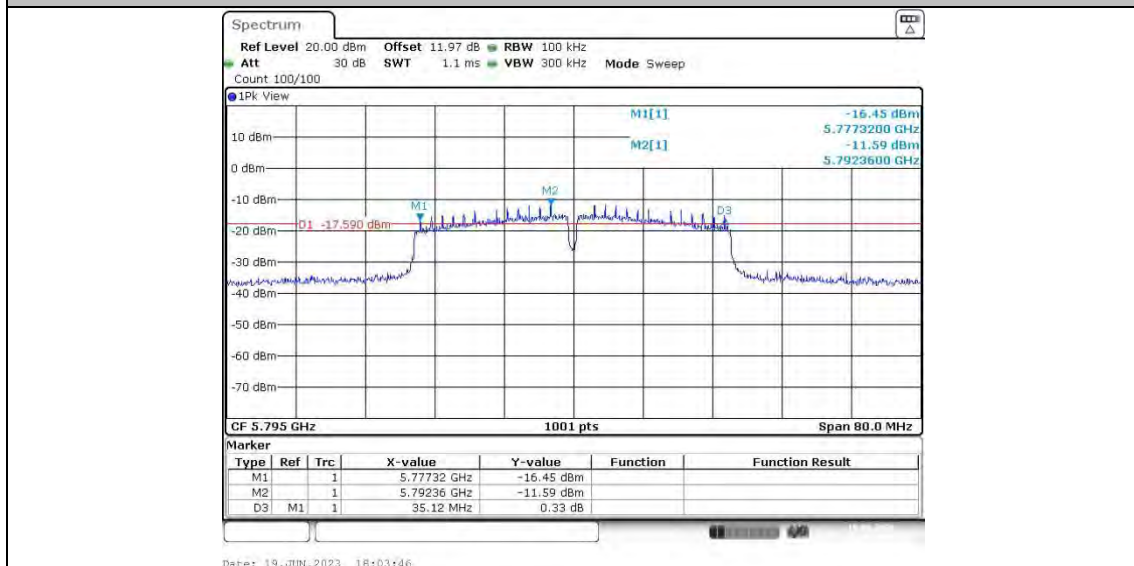
11N20SISO_Ant1_5825



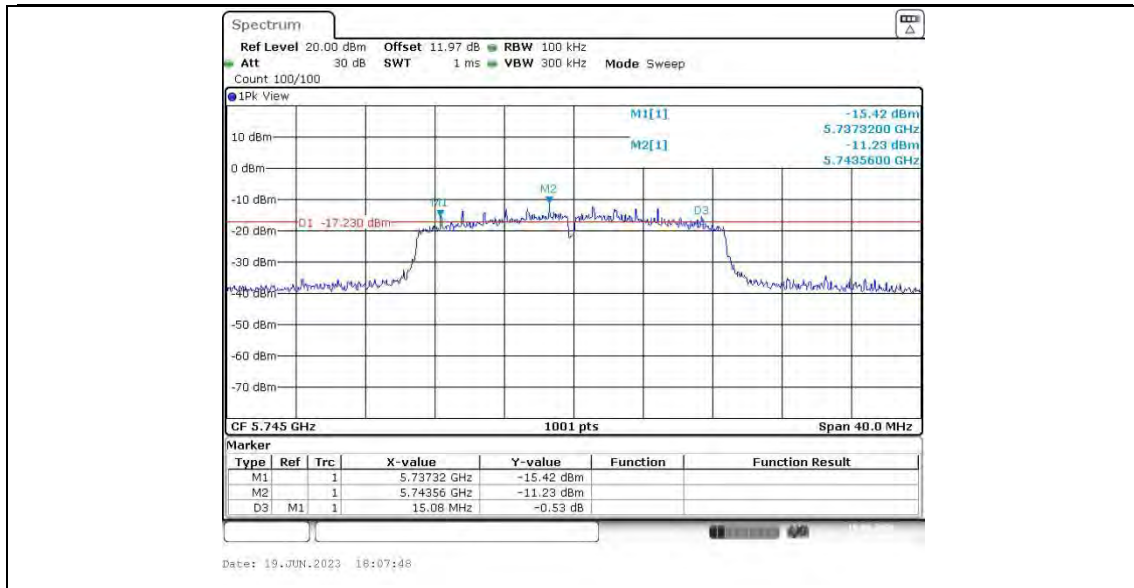
11N40SISO_Ant1_5755



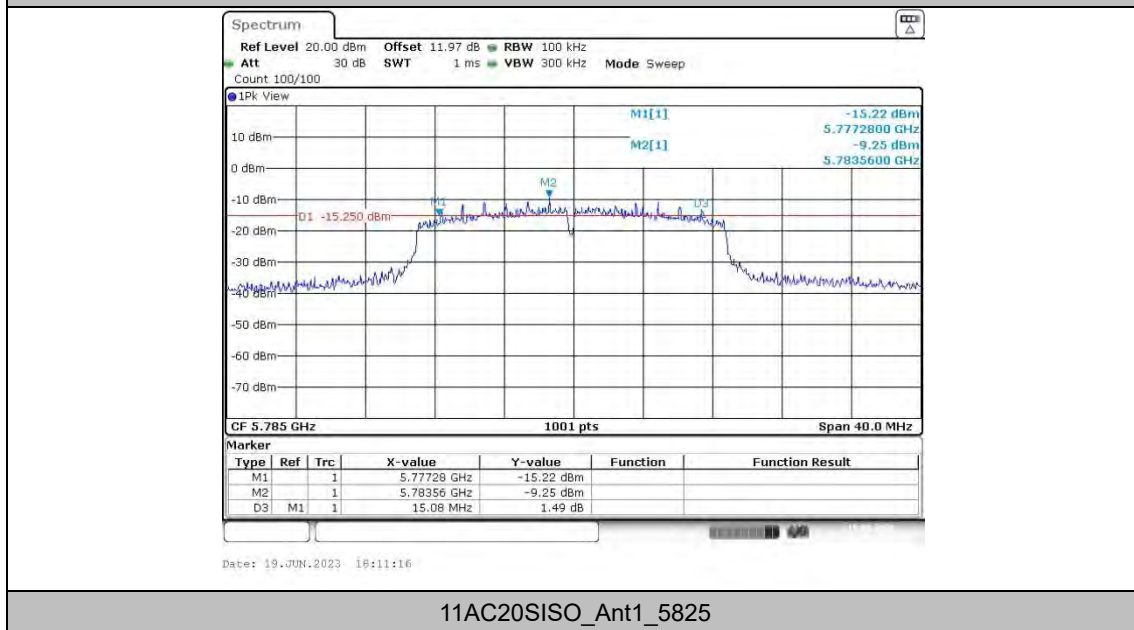
11N40SISO_Ant1_5795



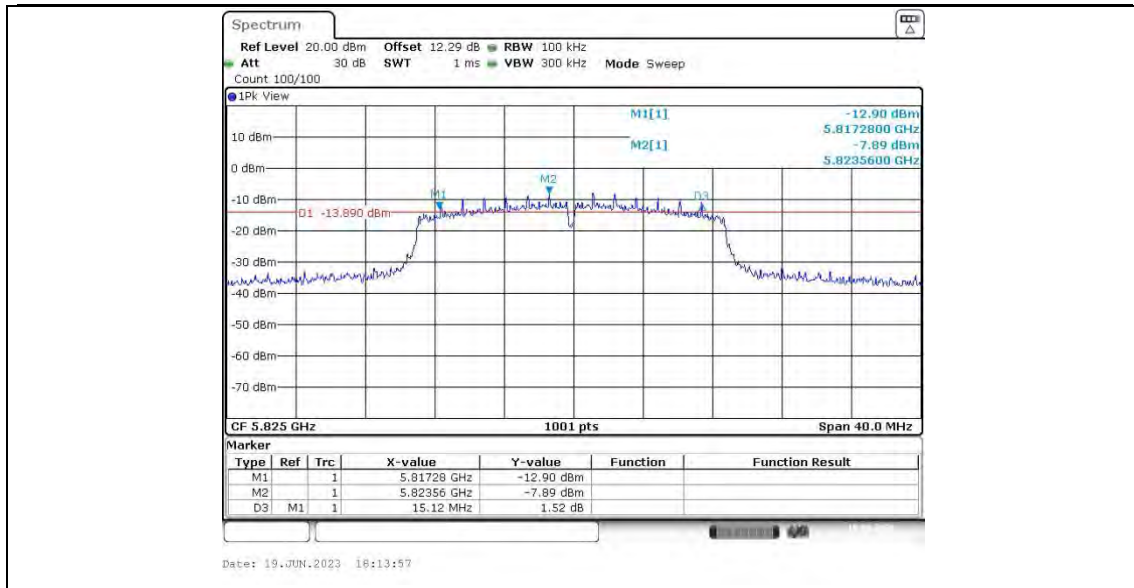
11AC20SISO_Ant1_5745



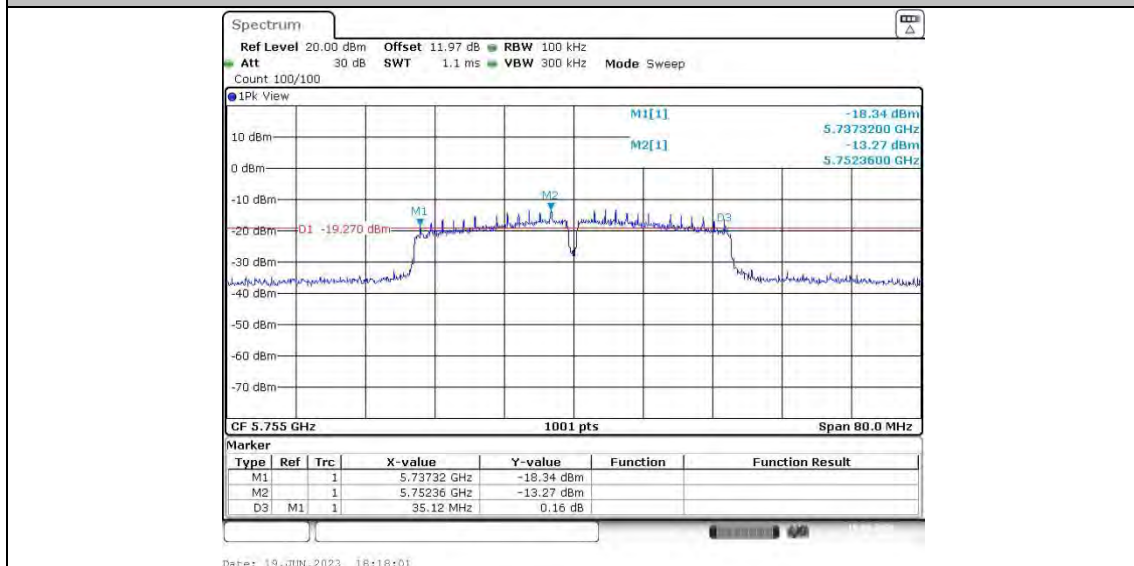
11AC20SISO_Ant1_5785



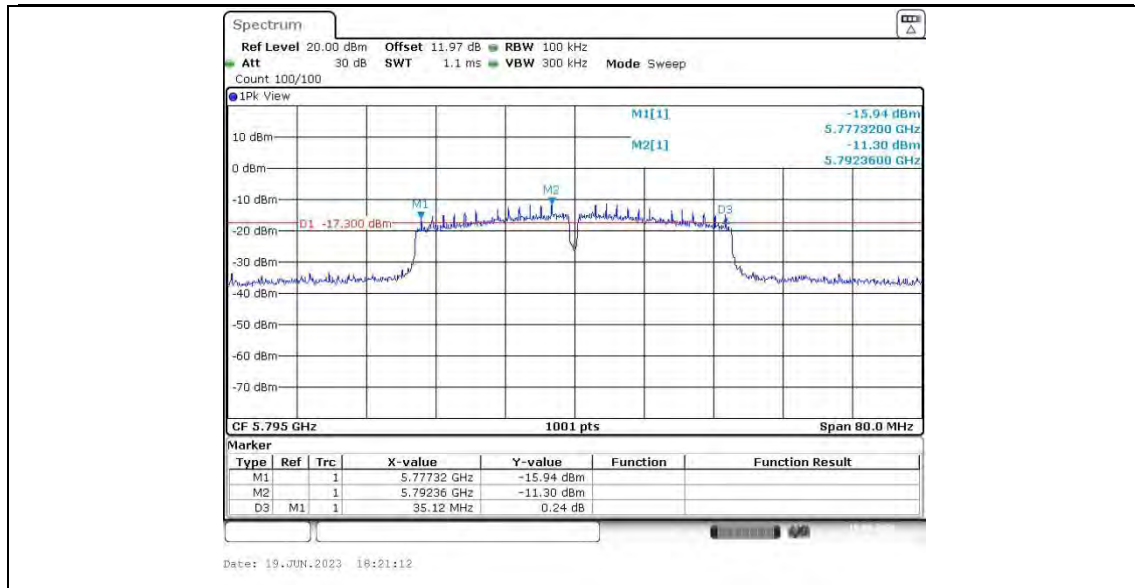
11AC20SISO_Ant1_5825



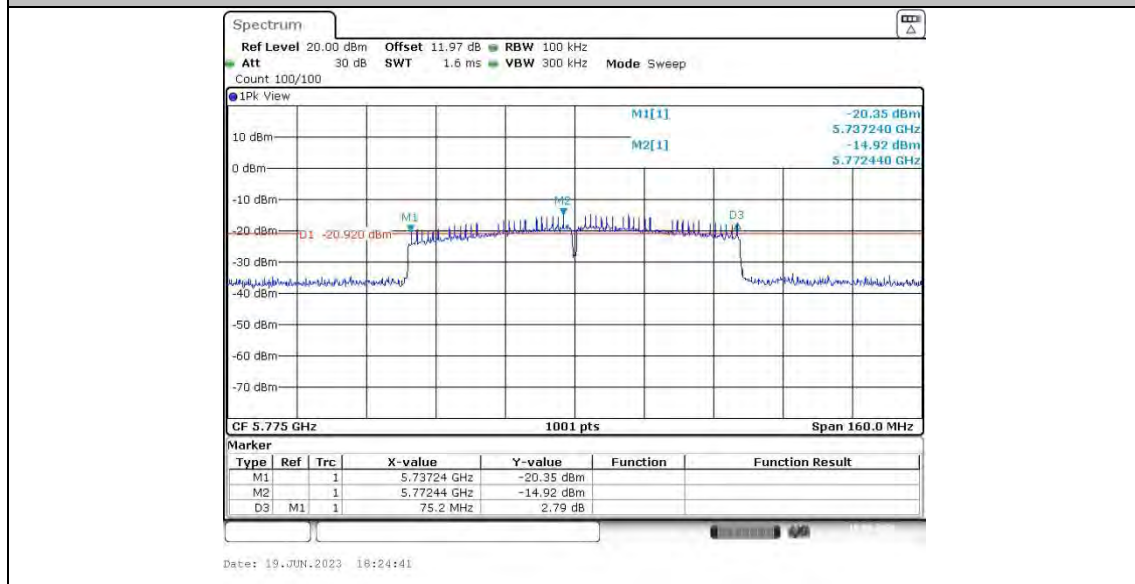
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



Appendix B: Duty Cycle

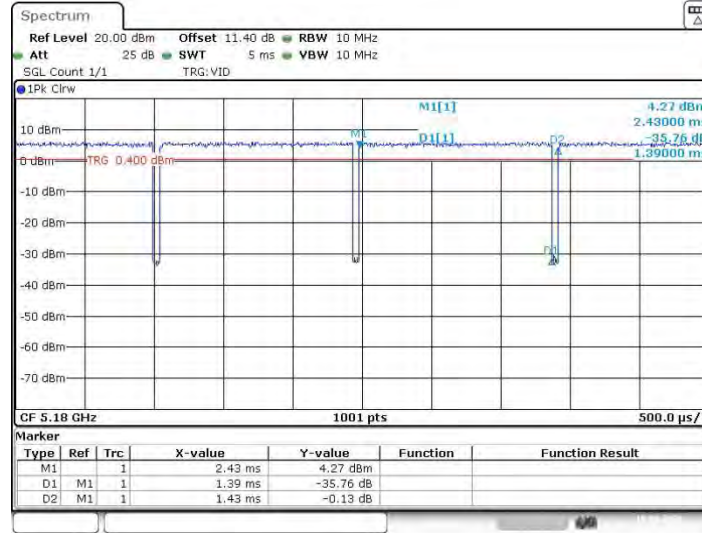
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	1.39	1.43	97.20
		5220	1.39	1.44	96.53
		5240	1.40	1.44	97.22
11N20SISO	Ant1	5180	1.30	1.35	96.30
		5220	1.30	1.35	96.30
		5240	1.30	1.35	96.30
11N40SISO	Ant1	5190	0.64	0.68	94.12
		5230	0.64	0.68	94.12
11AC20SISO	Ant1	5180	1.31	1.36	96.32
		5220	1.31	1.35	97.04
		5240	1.31	1.35	97.04
11AC40SISO	Ant1	5190	0.65	0.70	92.86
		5230	0.65	0.70	92.86
11AC80SISO	Ant1	5210	0.32	0.36	88.89

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5745	1.39	1.44	96.53
		5785	1.39	1.44	96.53
		5825	1.39	1.43	97.20
11N20SISO	Ant1	5745	1.30	1.34	97.01
		5785	1.30	1.35	96.30
		5825	1.30	1.34	97.01
11N40SISO	Ant1	5755	0.64	0.68	94.12
		5795	0.63	0.68	92.65
11AC20SISO	Ant1	5745	1.31	1.35	97.04
		5785	1.31	1.35	97.04
		5825	1.31	1.36	96.32
11AC40SISO	Ant1	5755	0.65	0.70	92.86
		5795	0.65	0.69	94.20
11AC80SISO	Ant1	5775	0.32	0.36	88.89

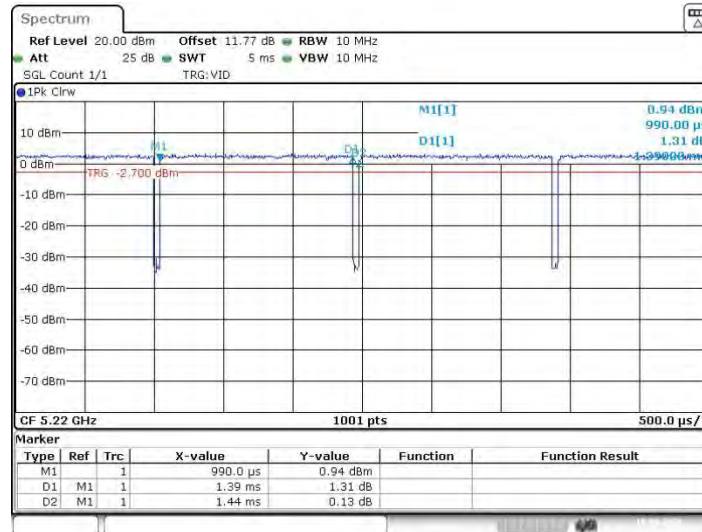
Test Graphs

11A_Ant1_5180



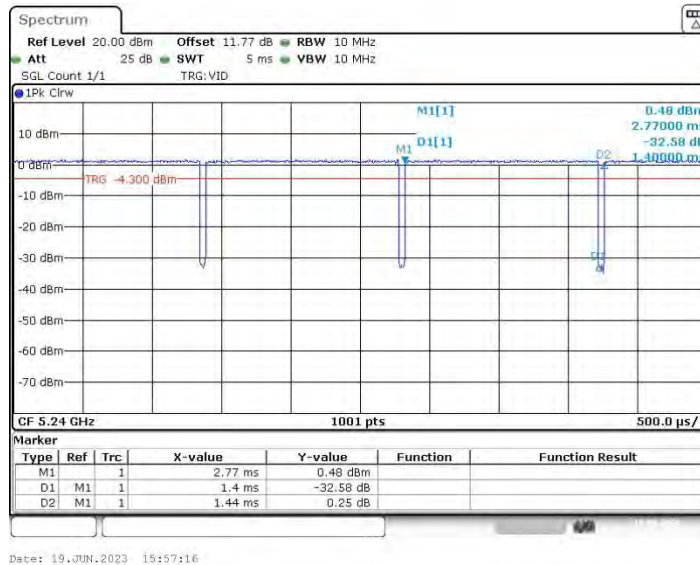
Date: 19.JUN.2023 15:27:47

11A_Ant1_5220

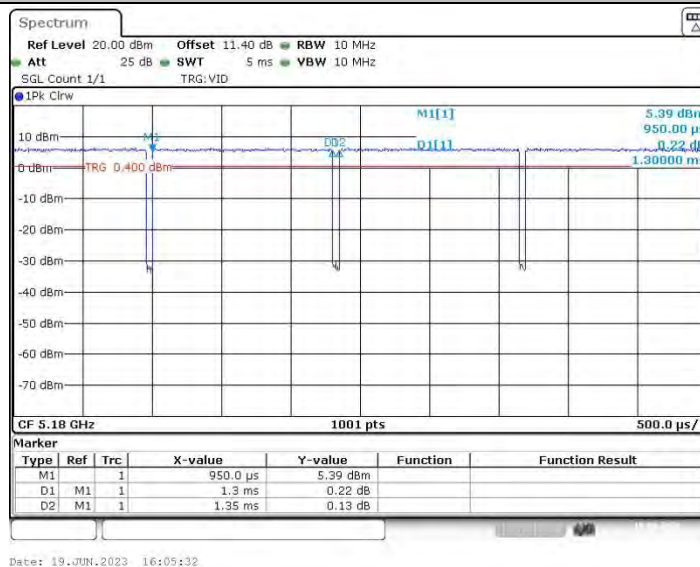


Date: 19.JUN.2023 15:37:45

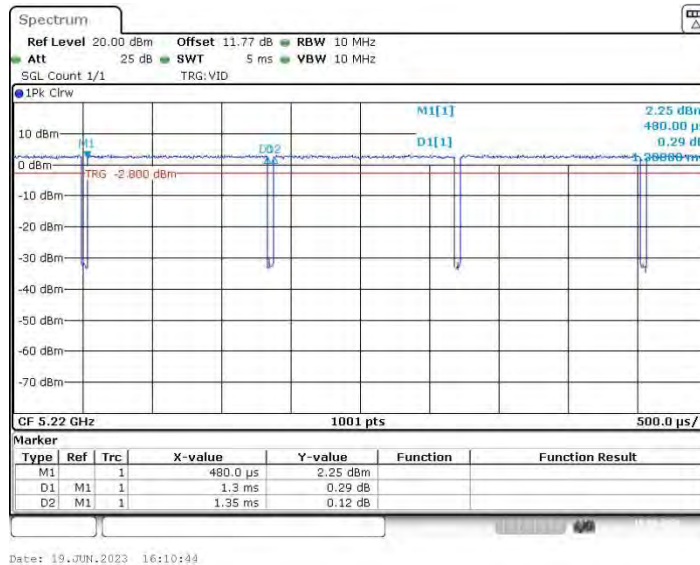
11A_Ant1_5240



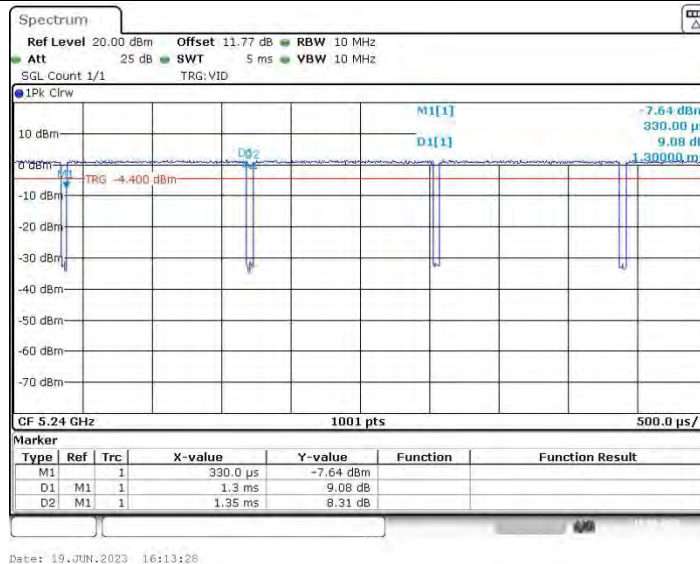
11N20SISO_Ant1_5180



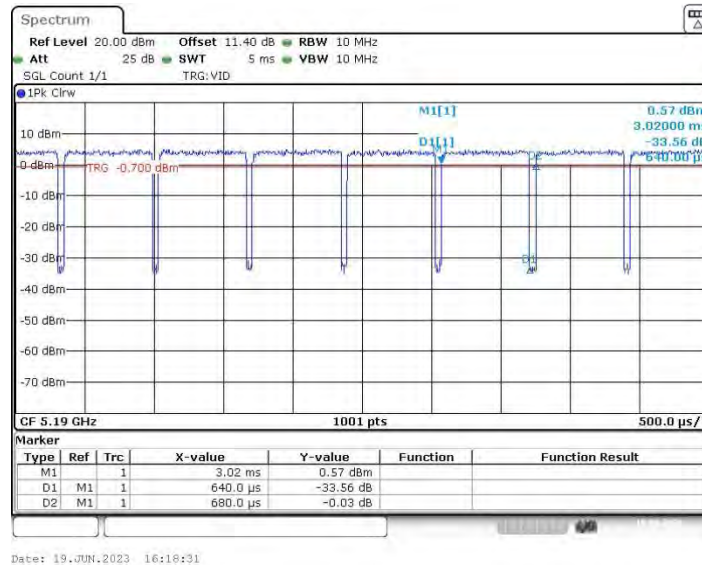
11N20SISO_Ant1_5220



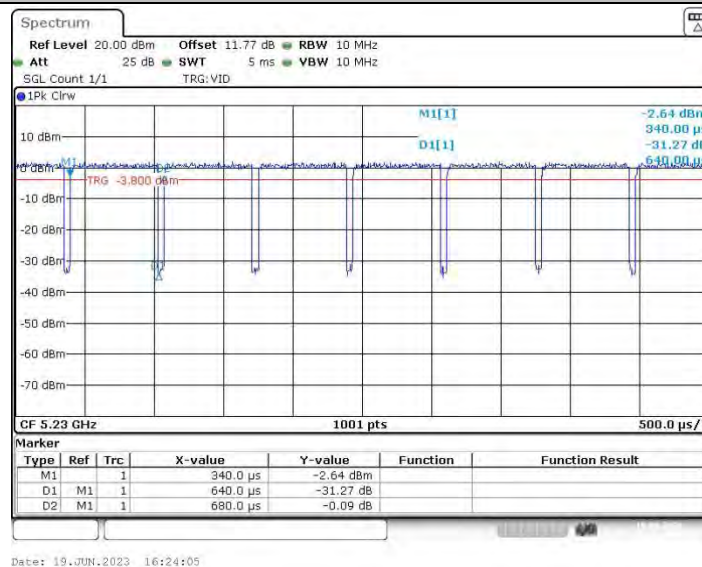
11N20SISO_Ant1_5240



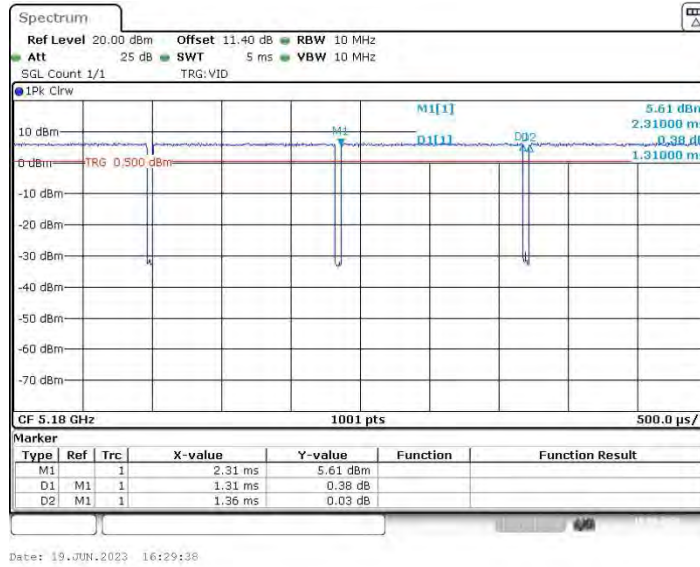
11N40SISO_Ant1_5190



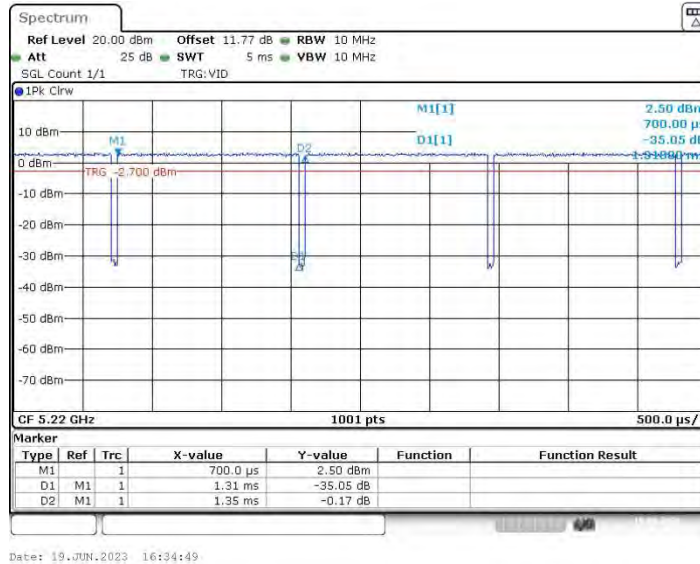
11N40SISO_Ant1_5230



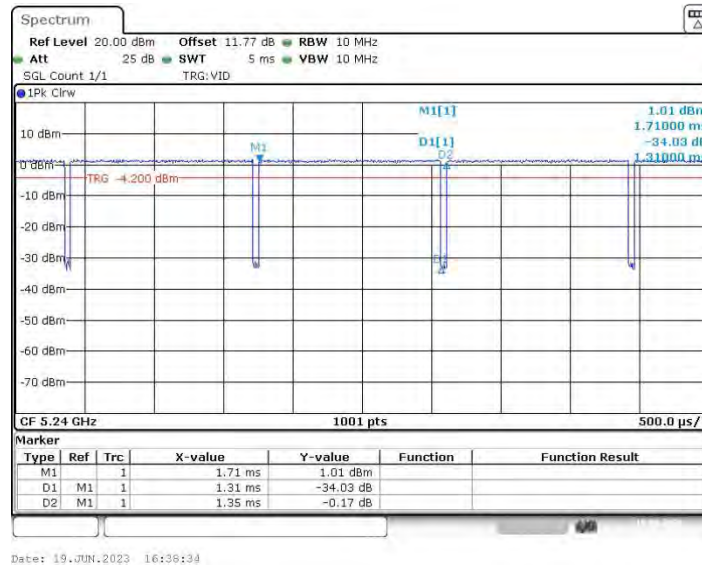
11AC20SISO_Ant1_5180



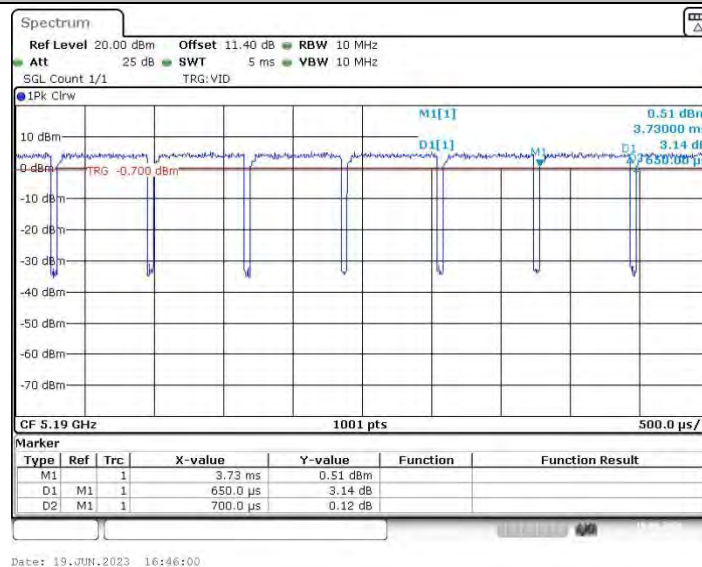
11AC20SISO_Ant1_5220



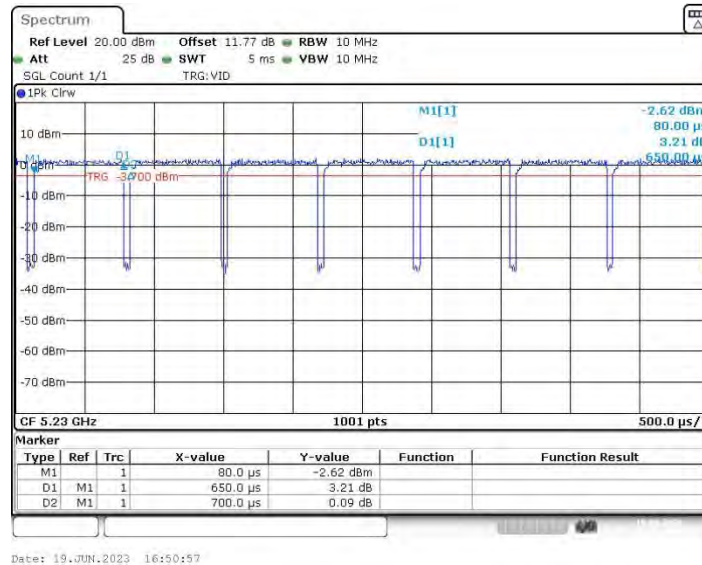
11AC20SISO_Ant1_5240



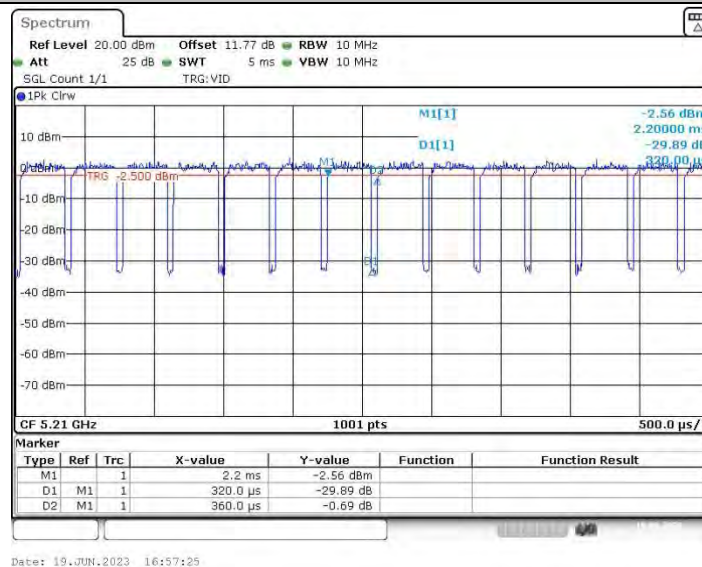
11AC40SISO_Ant1_5190



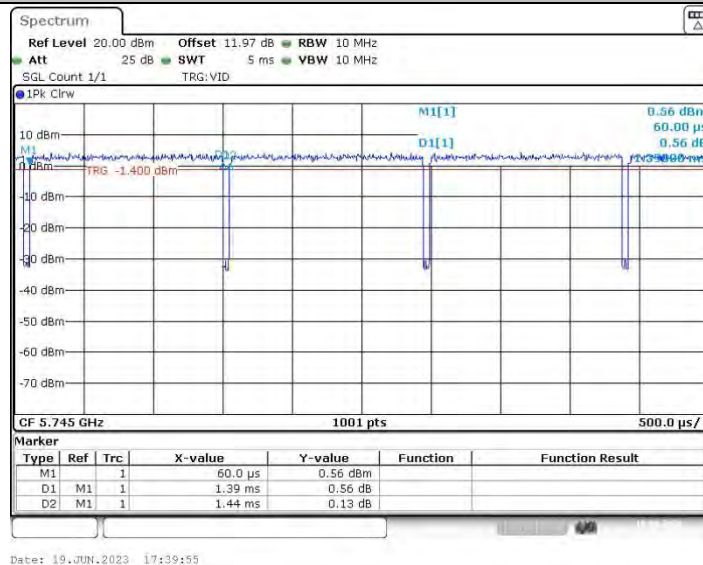
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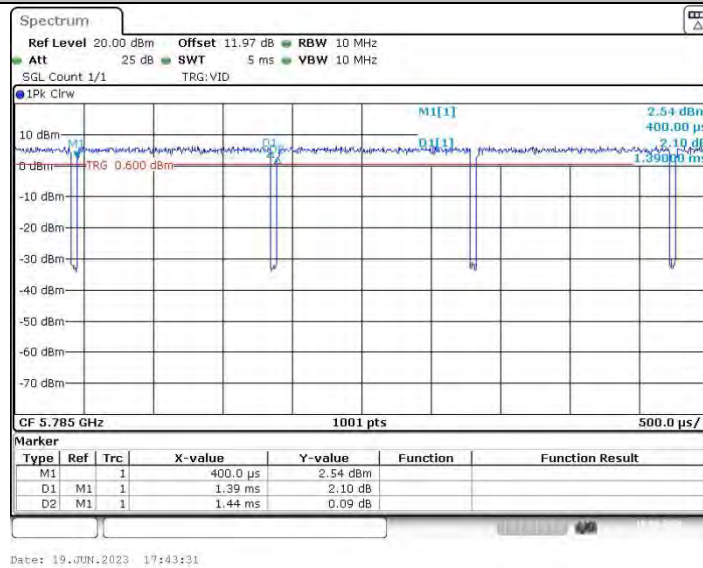
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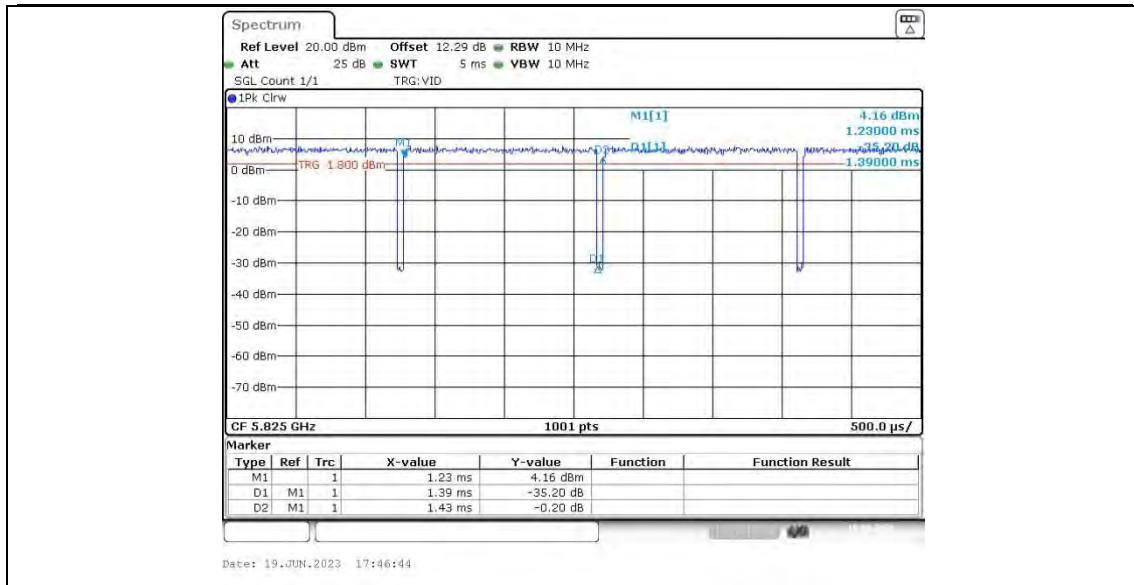
11A_Ant1_5745



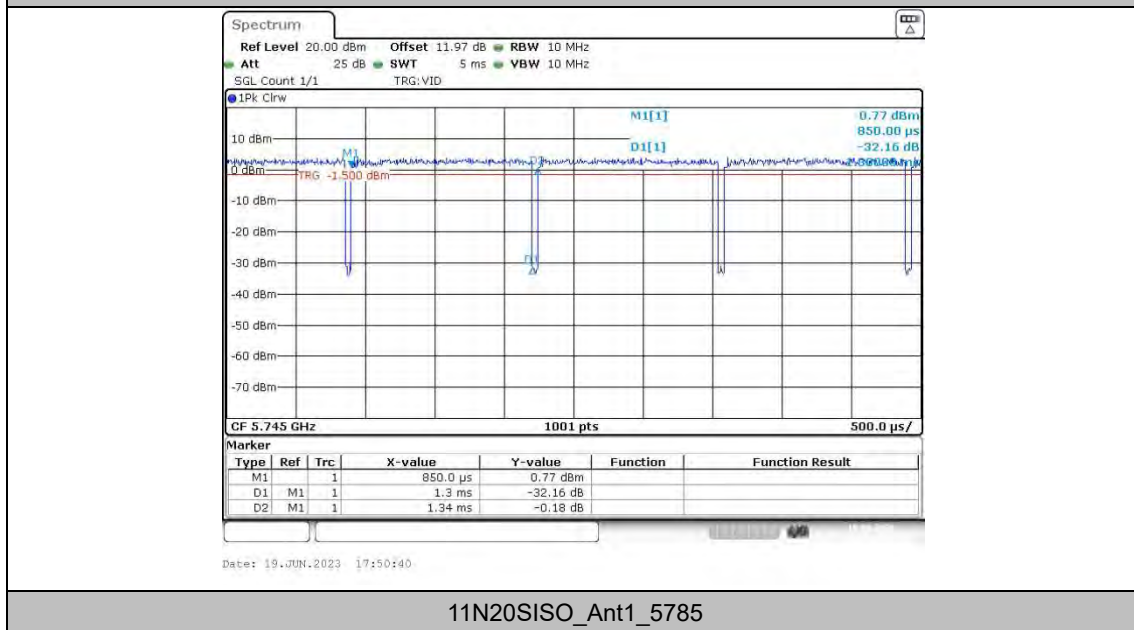
11A_Ant1_5785



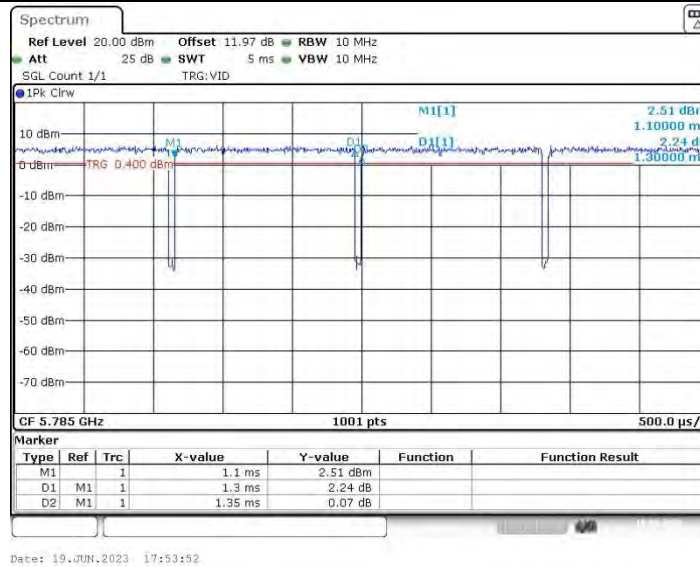
11A_Ant1_5825



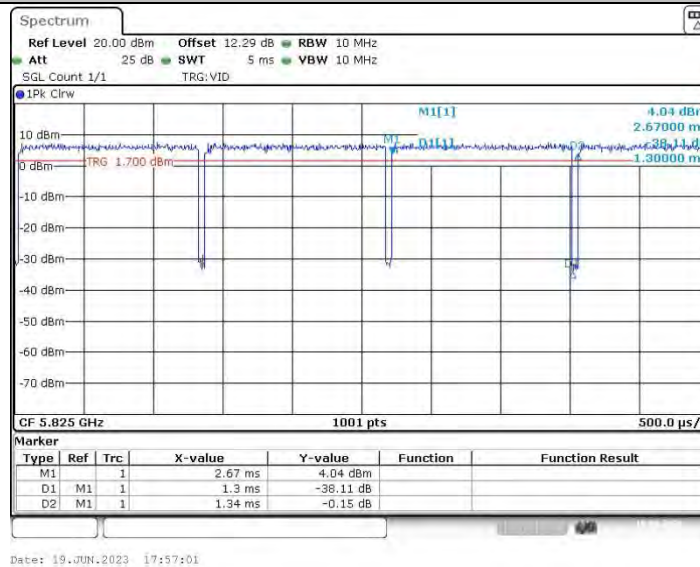
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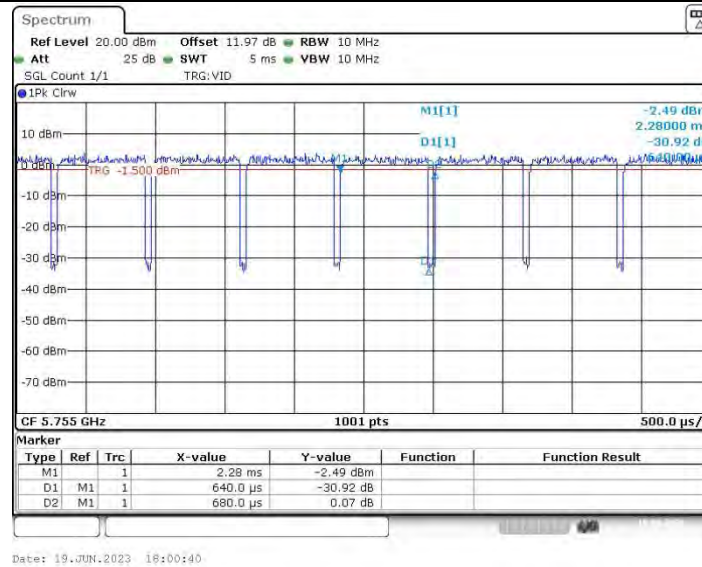
11N20SISO_Ant1_5785



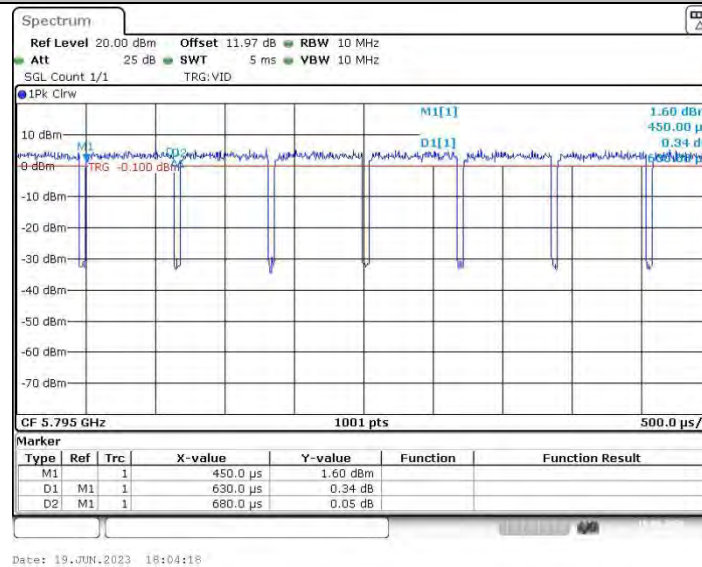
11N20SISO_Ant1_5825



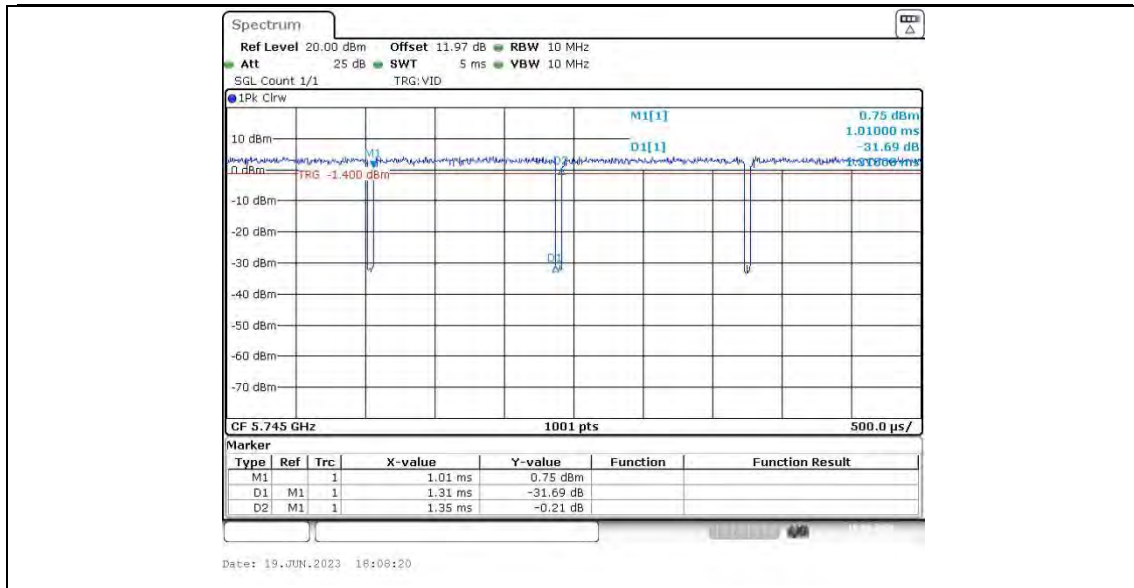
11N40SISO_Ant1_5755



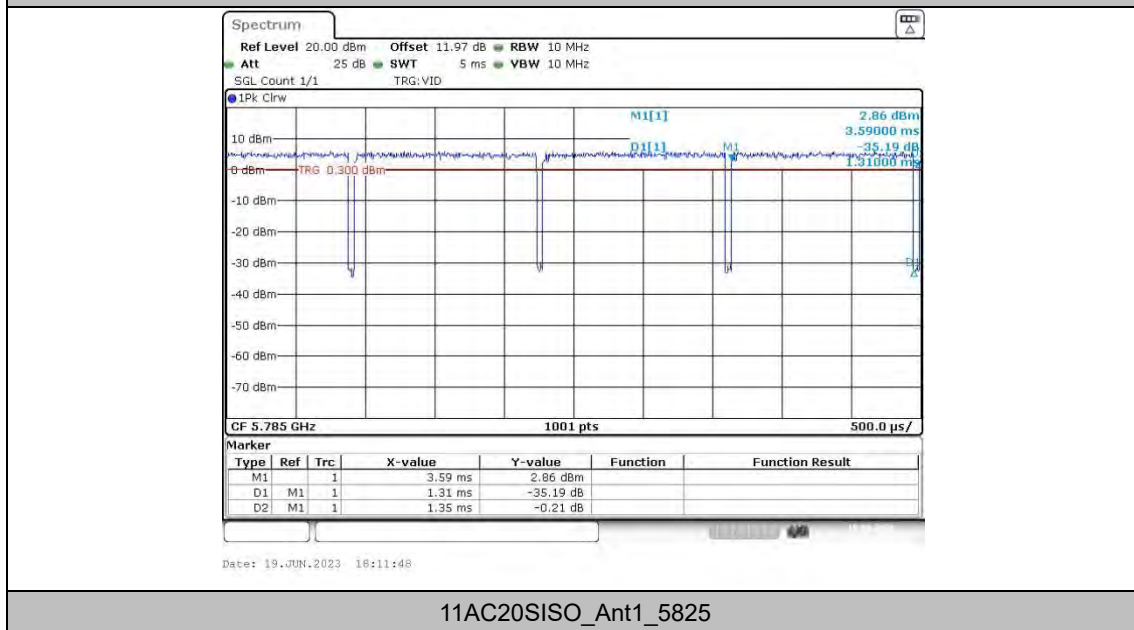
11N40SISO_Ant1_5795



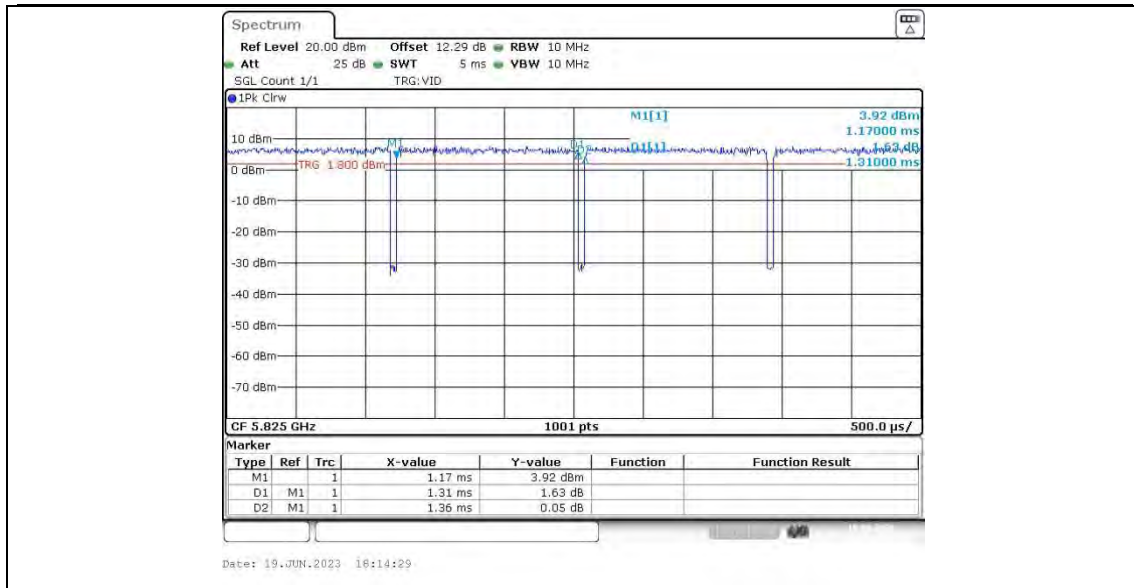
11AC20SISO_Ant1_5745



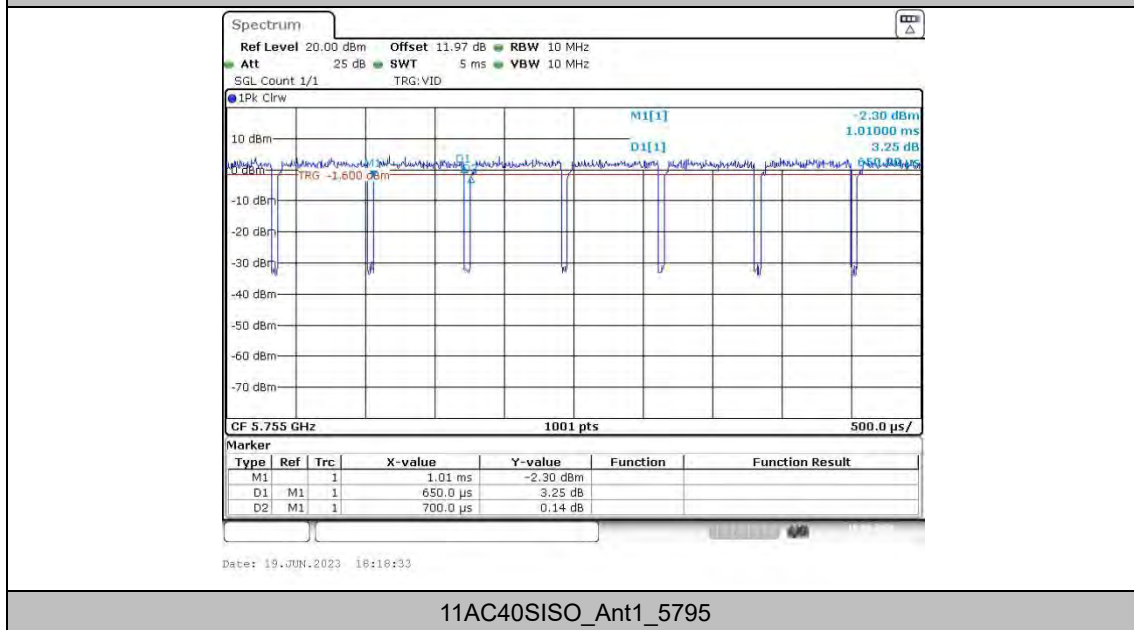
11AC20SISO_Ant1_5785



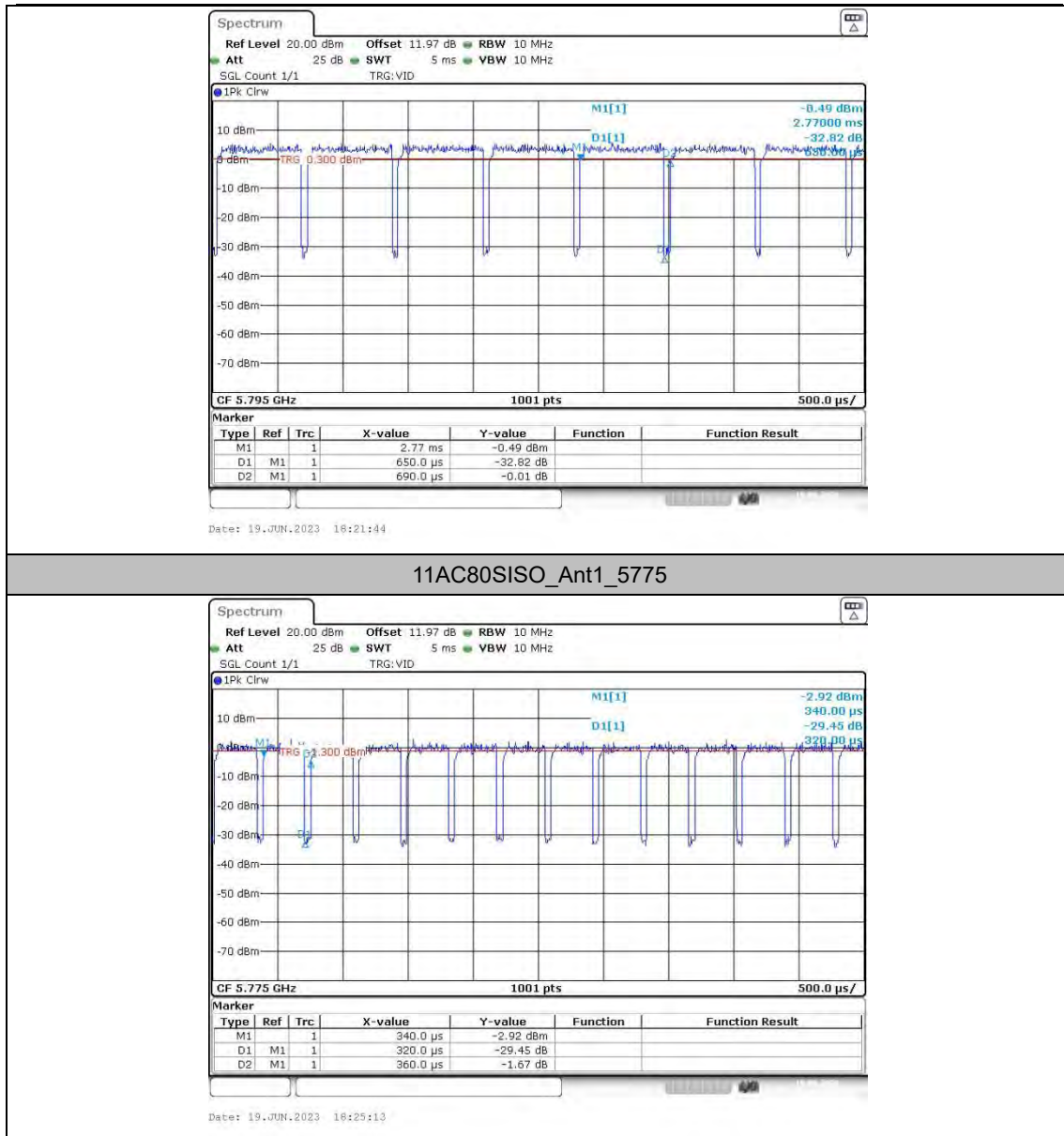
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	4.70	≤23.98	PASS
		5220	3.25	≤23.98	PASS
		5240	4.14	≤23.98	PASS
11N20SISO	Ant1	5180	4.54	≤23.98	PASS
		5220	3.16	≤23.98	PASS
		5240	4.26	≤23.98	PASS
11N40SISO	Ant1	5190	3.63	≤23.98	PASS
		5230	3.48	≤23.98	PASS
11AC20SISO	Ant1	5180	4.49	≤23.98	PASS
		5220	3.27	≤23.98	PASS
		5240	4.13	≤23.98	PASS
11AC40SISO	Ant1	5190	3.61	≤23.98	PASS
		5230	3.62	≤23.98	PASS
11AC80SISO	Ant1	5210	4.67	≤23.98	PASS

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	3.03	≤30.00	PASS
		5785	2.21	≤30.00	PASS
		5825	2.56	≤30.00	PASS
11N20SISO	Ant1	5745	3.06	≤30.00	PASS
		5785	2.09	≤30.00	PASS
		5825	2.34	≤30.00	PASS
11N40SISO	Ant1	5755	2.42	≤30.00	PASS
		5795	2.35	≤30.00	PASS
11AC20SISO	Ant1	5745	2.87	≤30.00	PASS
		5785	2.06	≤30.00	PASS
		5825	2.48	≤30.00	PASS
11AC40SISO	Ant1	5755	2.04	≤30.00	PASS
		5795	2.53	≤30.00	PASS
11AC80SISO	Ant1	5775	2.75	≤30.00	PASS

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

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-8.01	≤11.00	PASS
		5220	-11.15	≤11.00	PASS
		5240	-11.10	≤11.00	PASS
11N20SISO	Ant1	5180	-6.50	≤11.00	PASS
		5220	-9.70	≤11.00	PASS
		5240	-11.43	≤11.00	PASS
11N40SISO	Ant1	5190	-10.26	≤11.00	PASS
		5230	-13.46	≤11.00	PASS
11AC20SISO	Ant1	5180	-6.32	≤11.00	PASS
		5220	-9.66	≤11.00	PASS
		5240	-11.15	≤11.00	PASS
11AC40SISO	Ant1	5190	-10.16	≤11.00	PASS
		5230	-13.32	≤11.00	PASS
11AC80SISO	Ant1	5210	-14.07	≤11.00	PASS

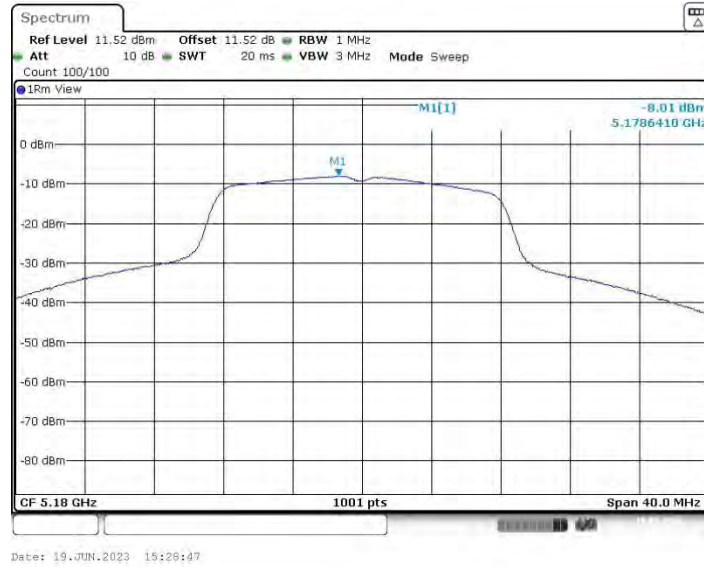
TestMode	Antenna	Frequency[MHz]	Result [dBm/500kHz]	Limit[dBm/500kHz]	Verdict
11A	Ant1	5745	-14.38	≤30.00	PASS
		5785	-12.03	≤30.00	PASS
		5825	-10.69	≤30.00	PASS
11N20SISO	Ant1	5745	-14.58	≤30.00	PASS
		5785	-12.38	≤30.00	PASS
		5825	-11.11	≤30.00	PASS
11N40SISO	Ant1	5755	-16.94	≤30.00	PASS
		5795	-15.15	≤30.00	PASS
11AC20SISO	Ant1	5745	-14.45	≤30.00	PASS
		5785	-12.45	≤30.00	PASS
		5825	-10.99	≤30.00	PASS
11AC40SISO	Ant1	5755	-16.66	≤30.00	PASS
		5795	-14.92	≤30.00	PASS
11AC80SISO	Ant1	5775	-18.6	≤30.00	PASS

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

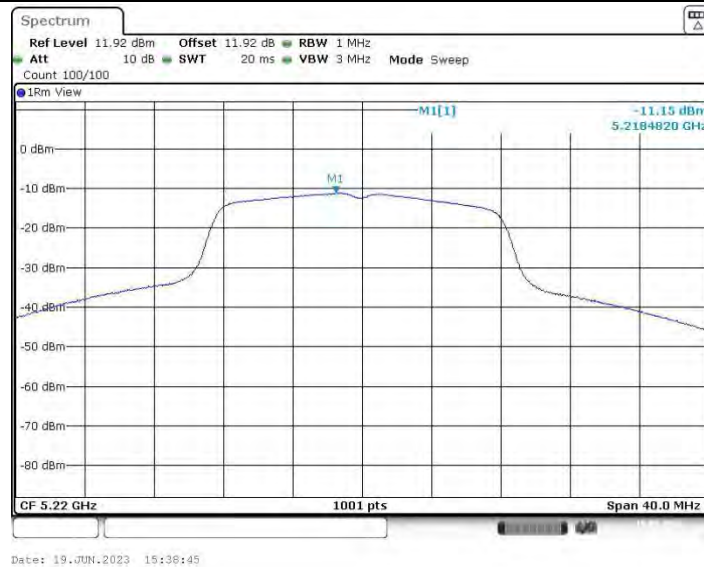
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

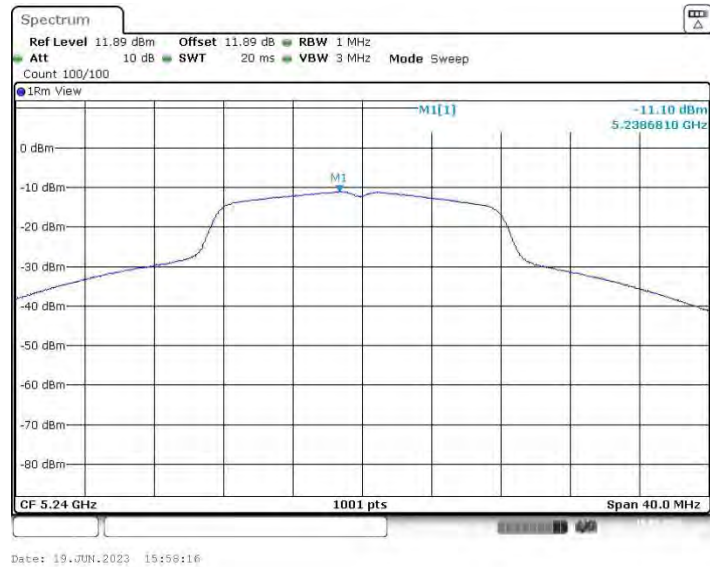
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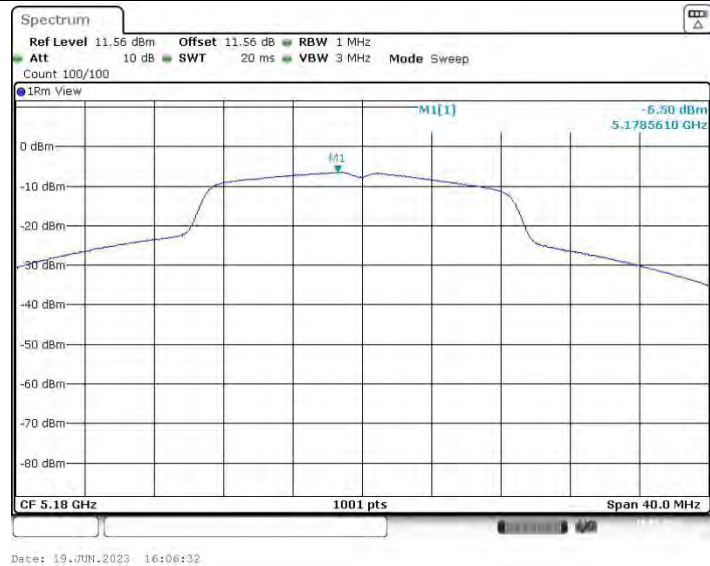
11A_Ant1_5220



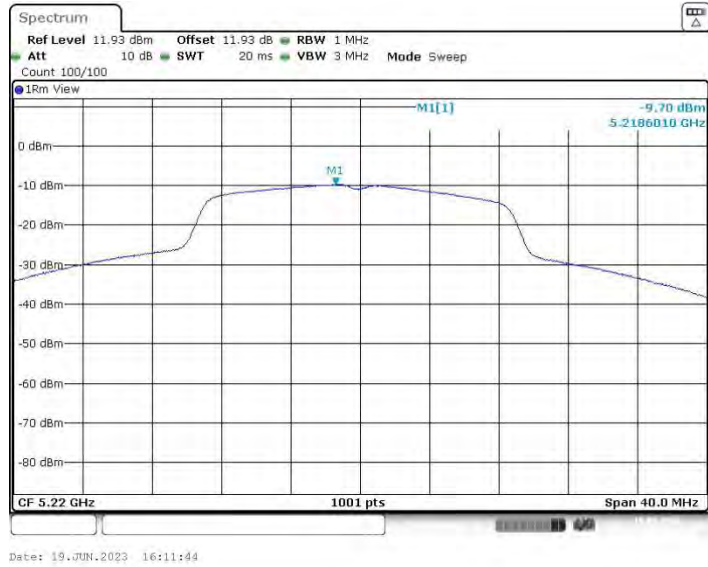
11A_Ant1_5240



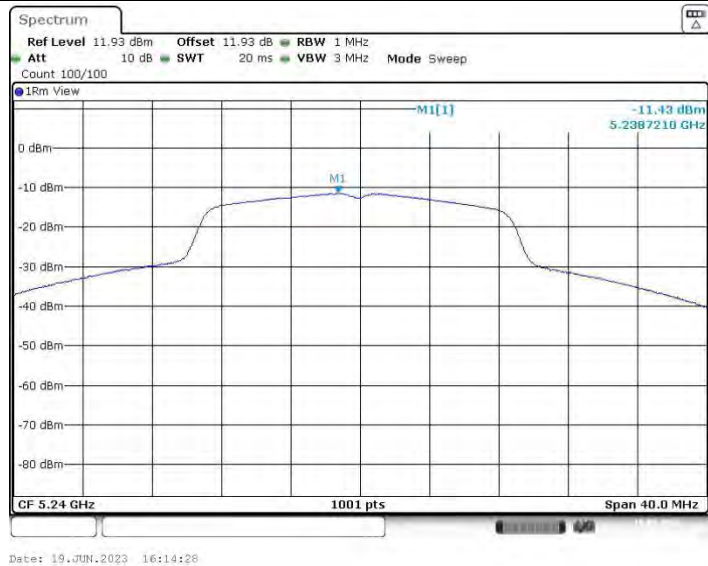
11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



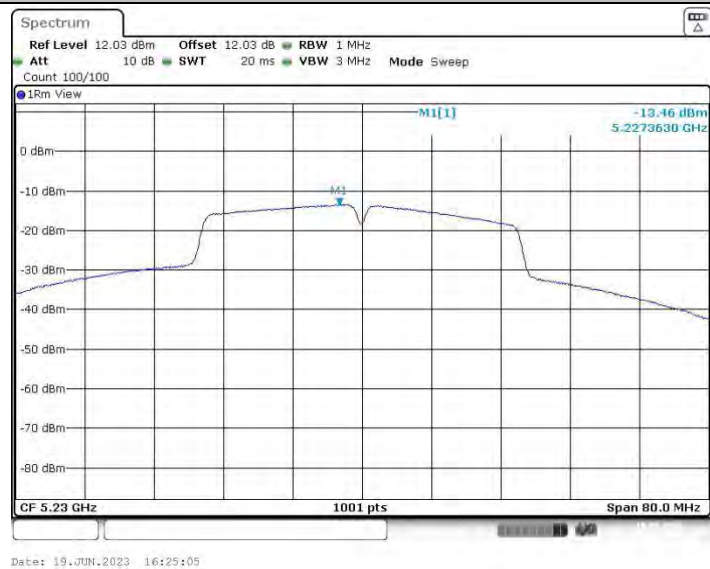
11N20SISO_Ant1_5240



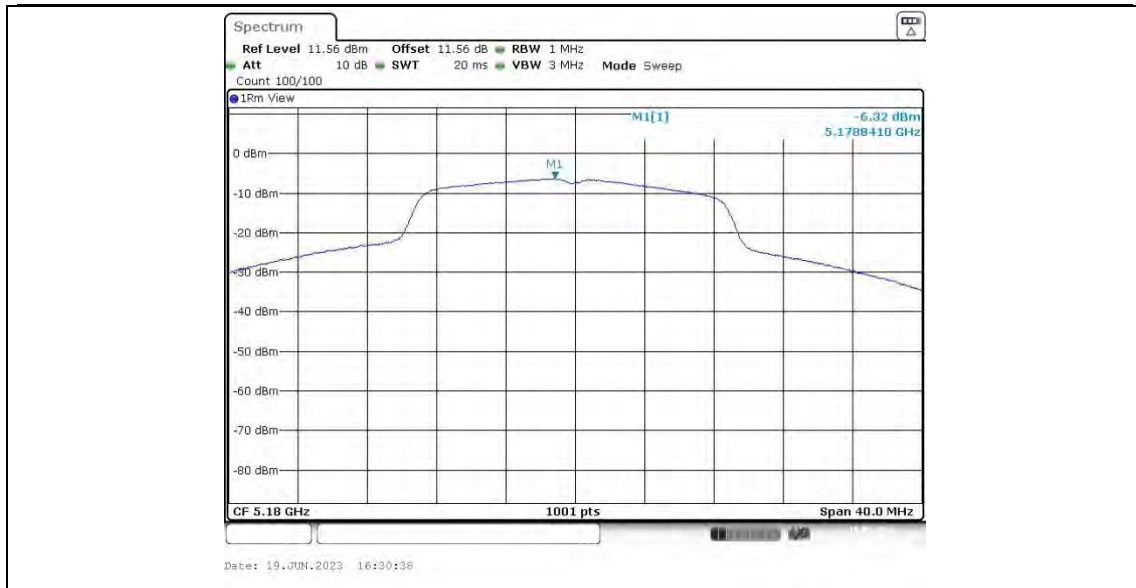
11N40SISO_Ant1_5190



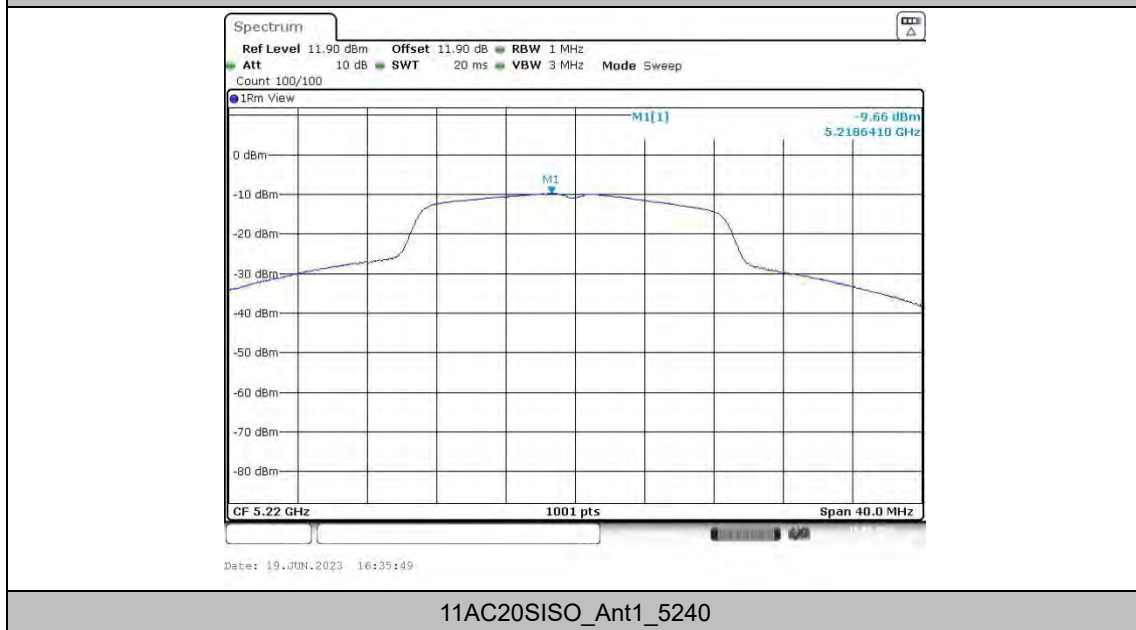
11N40SISO_Ant1_5230



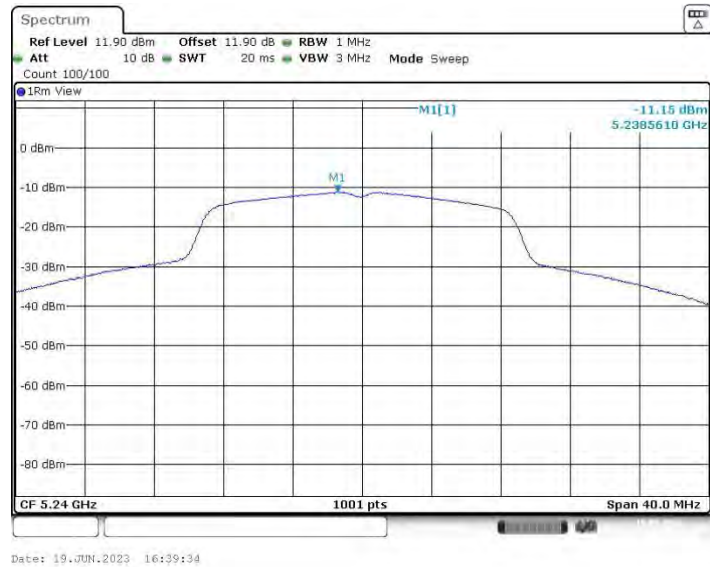
11AC20SISO_Ant1_5180



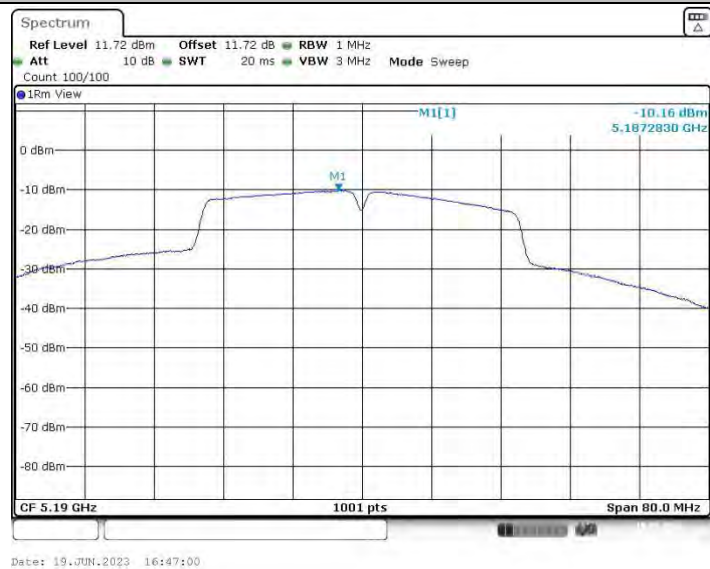
11AC20SISO_Ant1_5220



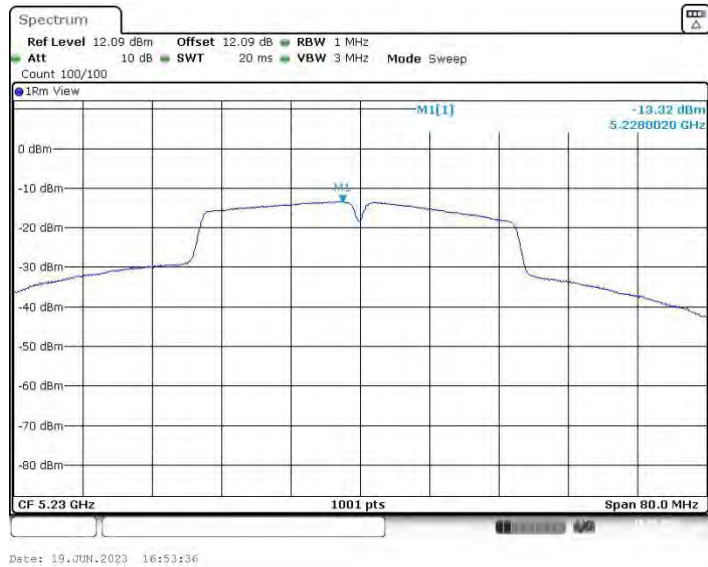
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



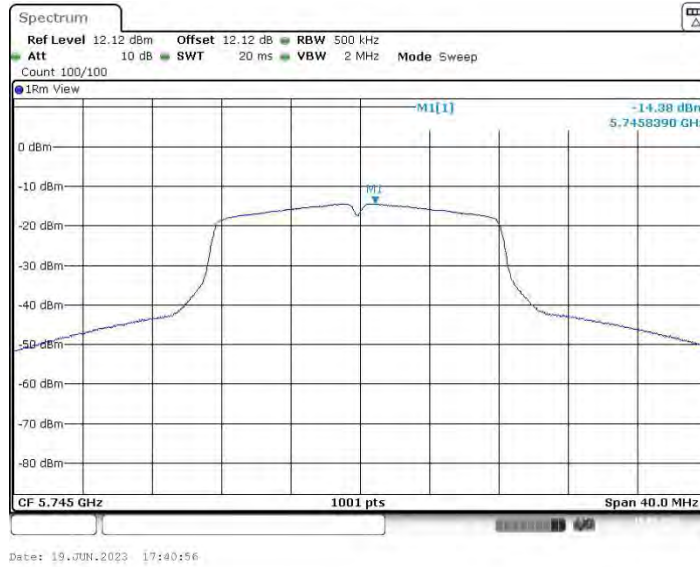
11AC40SISO_Ant1_5230



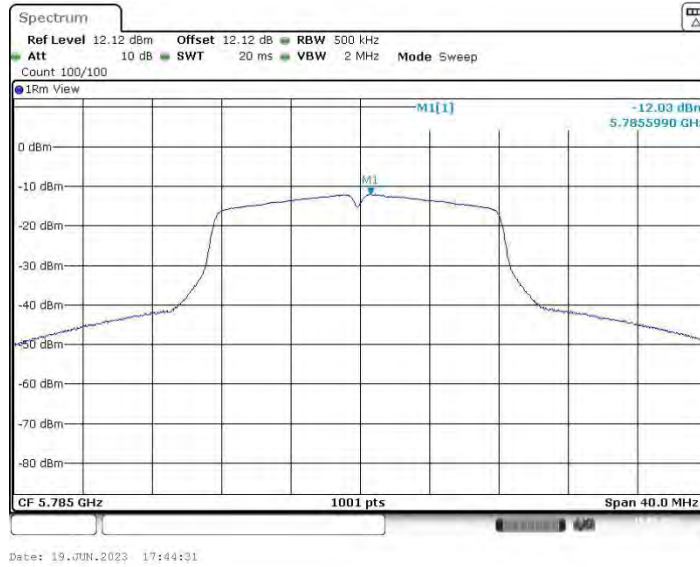
11AC80SISO_Ant1_5210



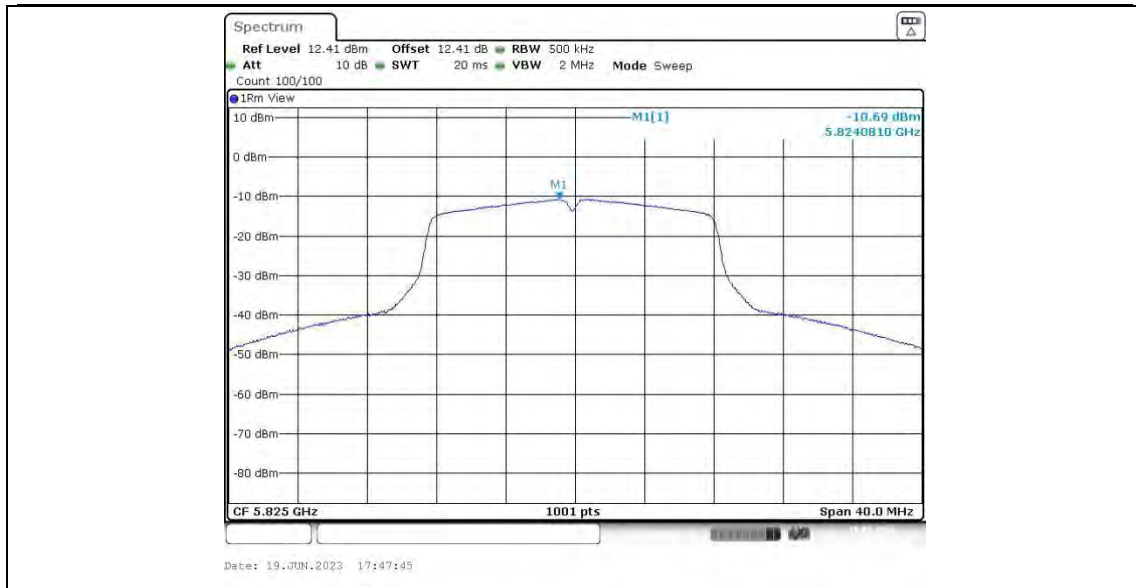
11A_Ant1_5745



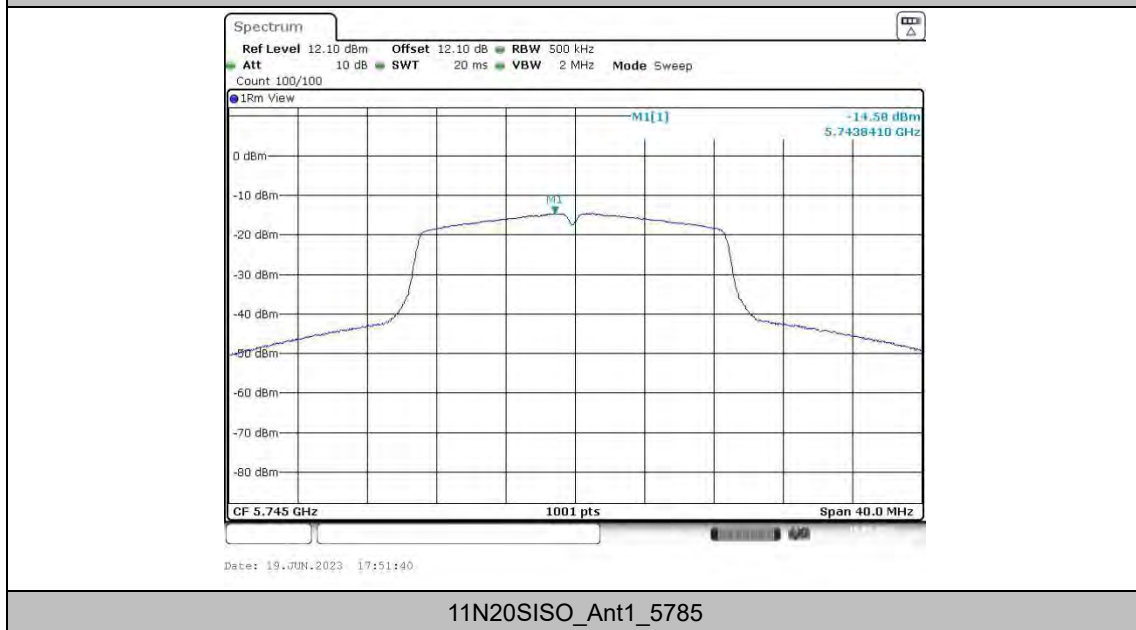
11A_Ant1_5785



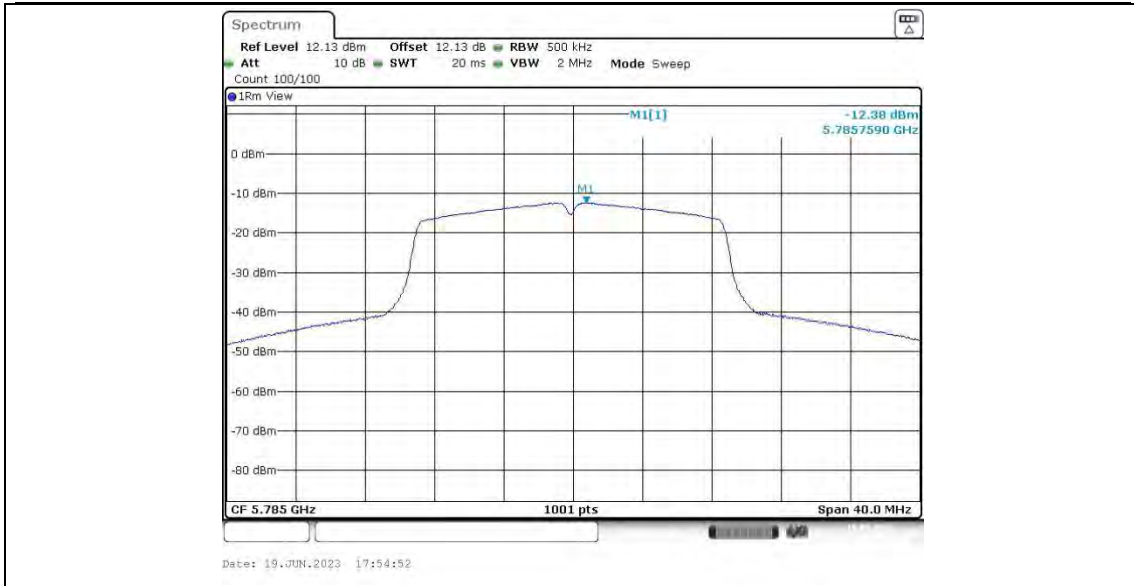
11A_Ant1_5825



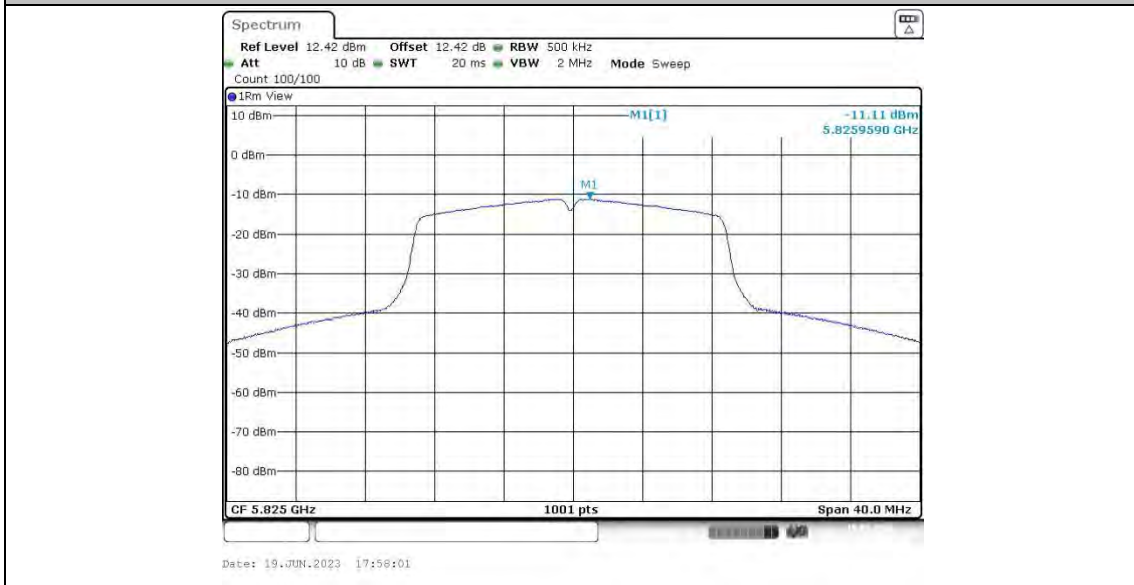
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755