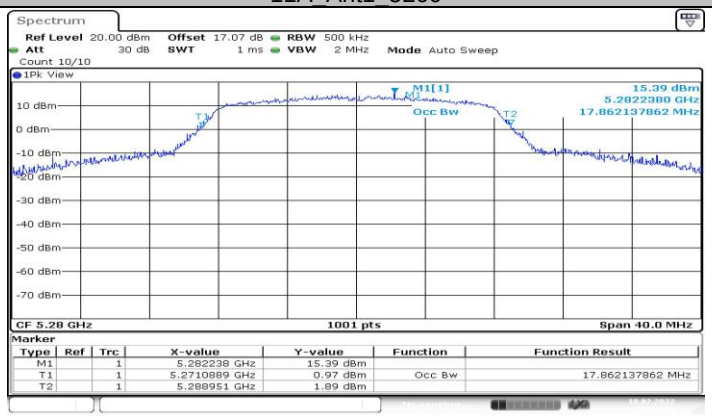
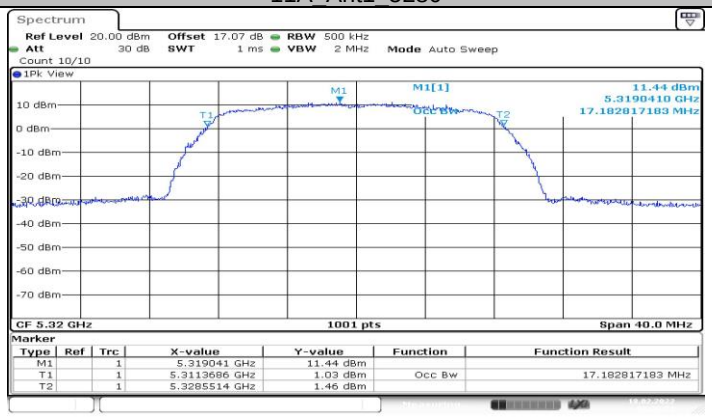
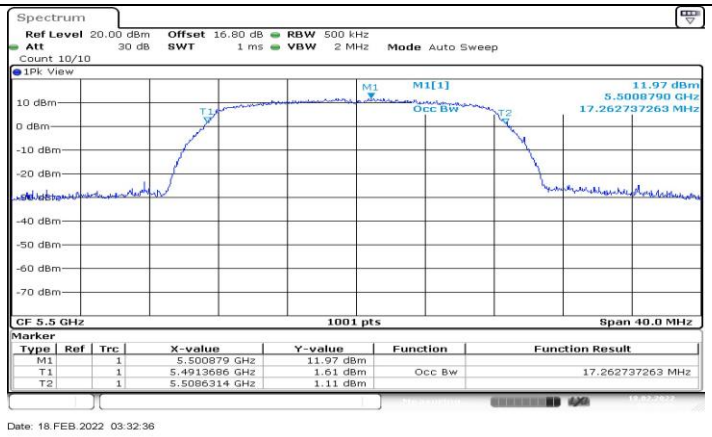
11A_Ant1_5260



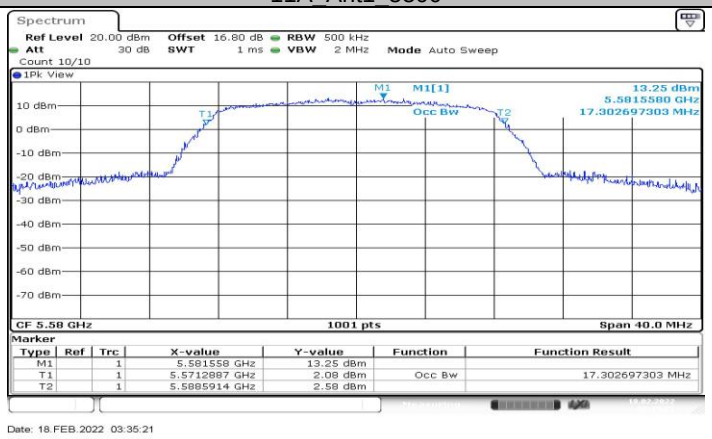
11A_Ant1_5280



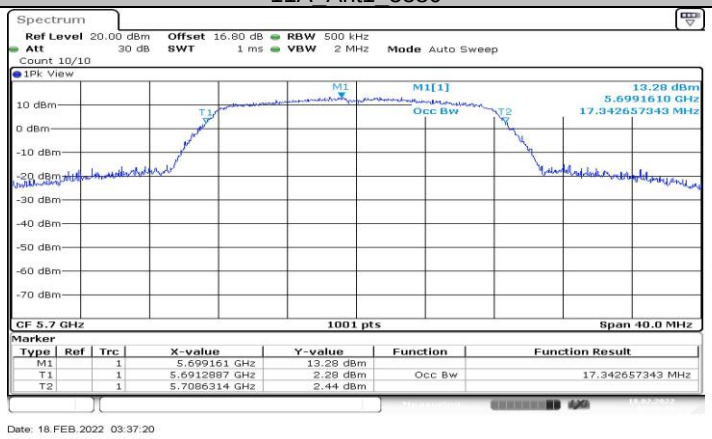
11A_Ant1_5320



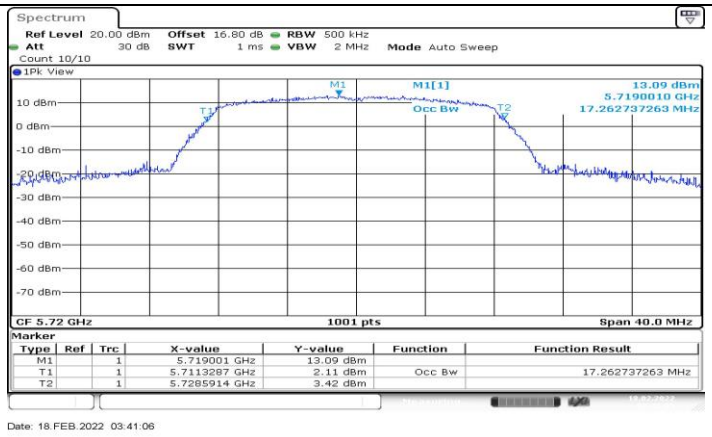
11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



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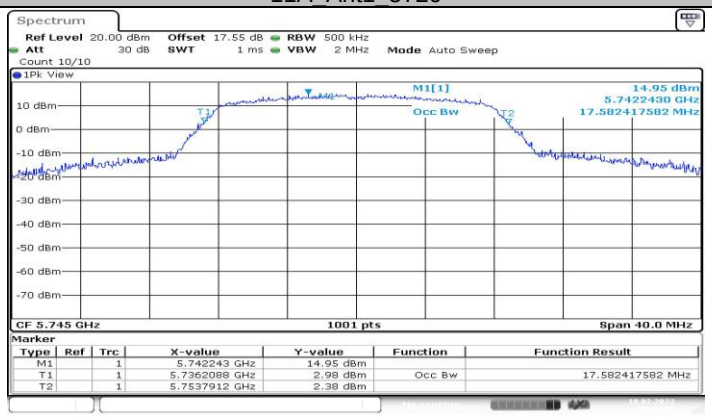
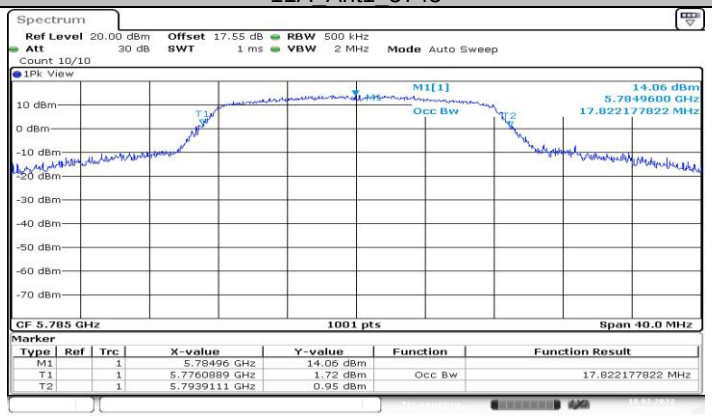
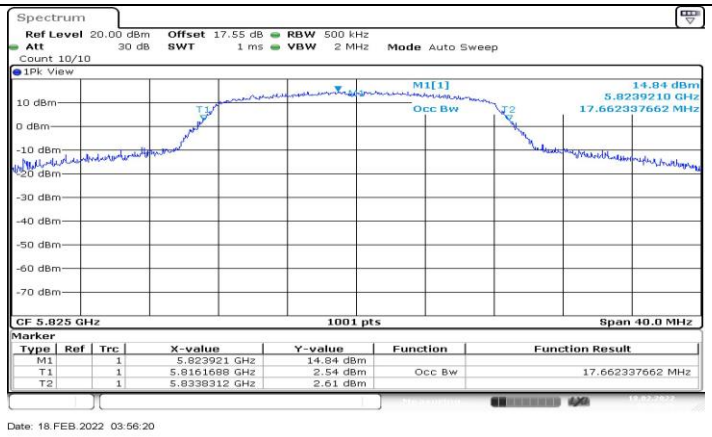


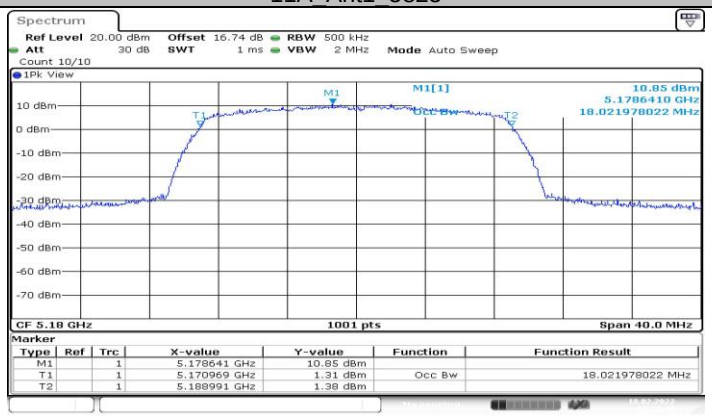
11A_Ant1_5745



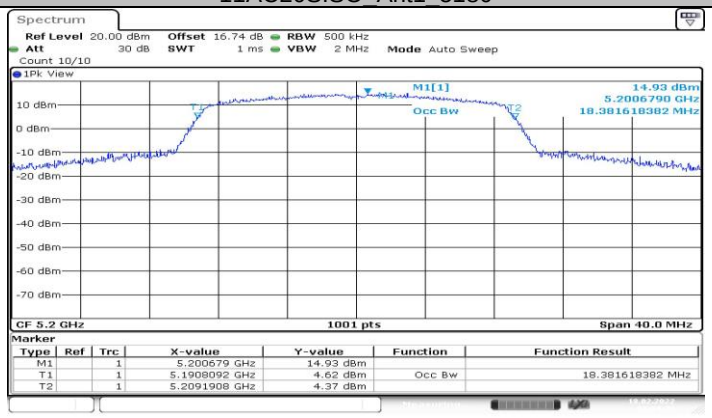
11A_Ant1_5785



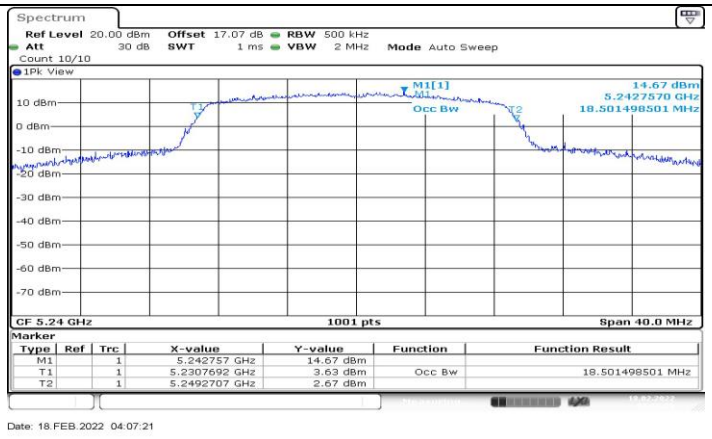
11A_Ant1_5825



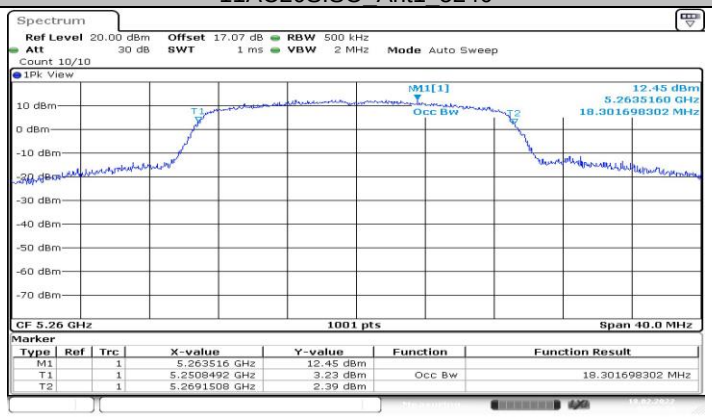
11AC20SISO_Ant1_5180



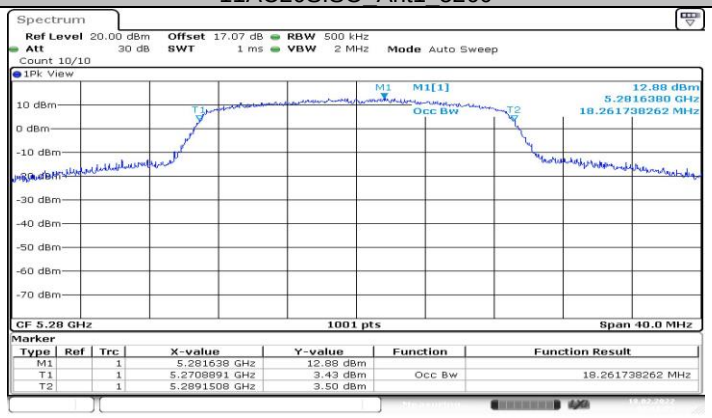
11AC20SISO_Ant1_5200



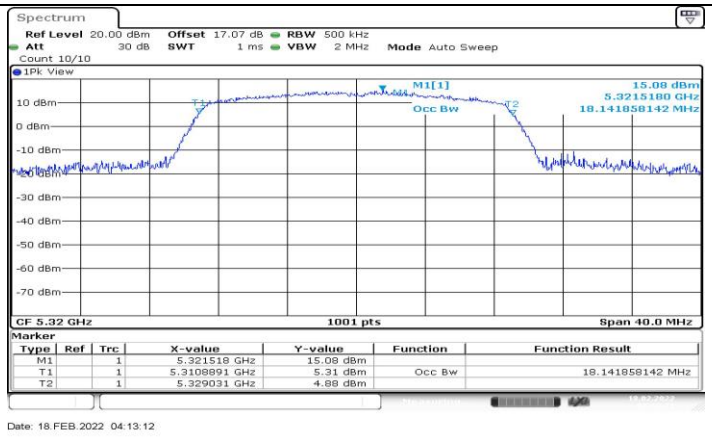
11AC20SISO_Ant1_5240



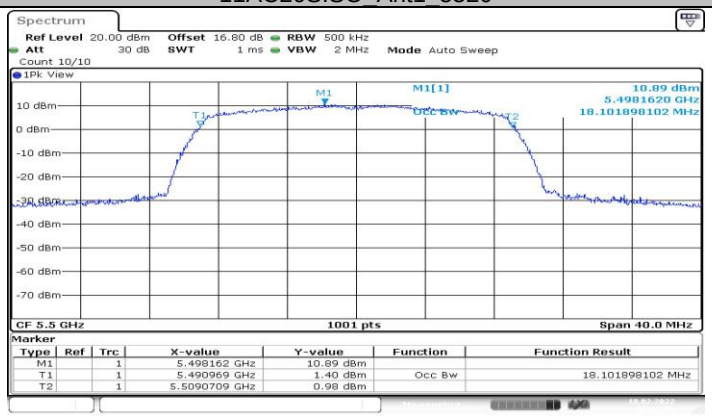
11AC20SISO_Ant1_5260



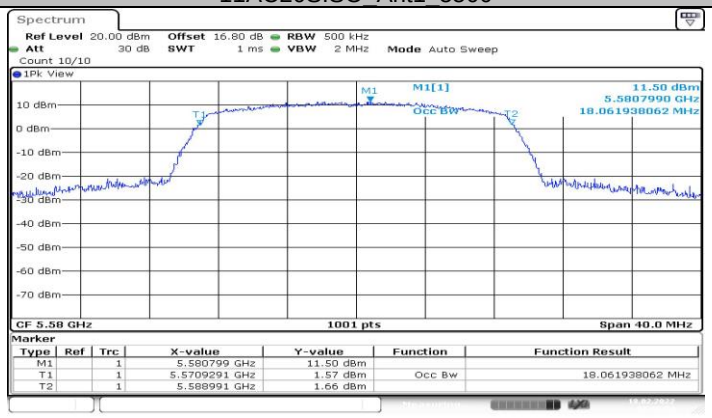
11AC20SISO_Ant1_5280



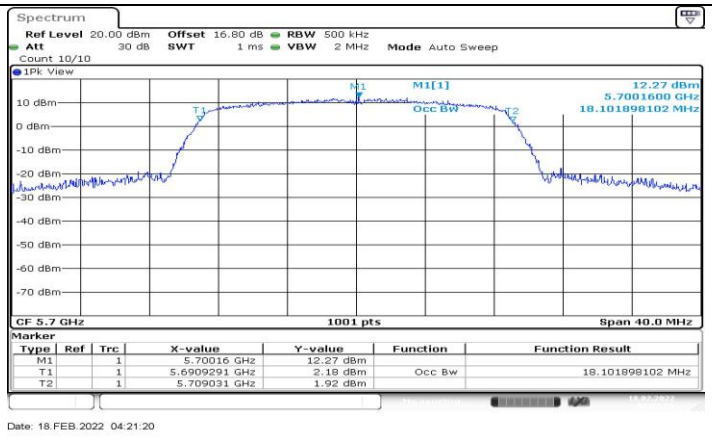
11AC20SISO_Ant1_5320



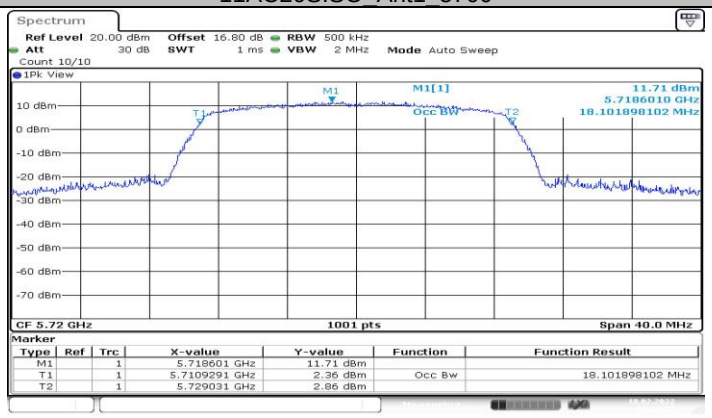
11AC20SISO_Ant1_5500



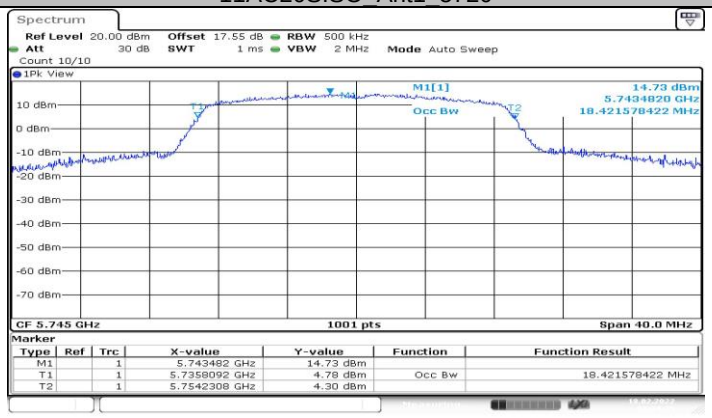
11AC20SISO_Ant1_5580



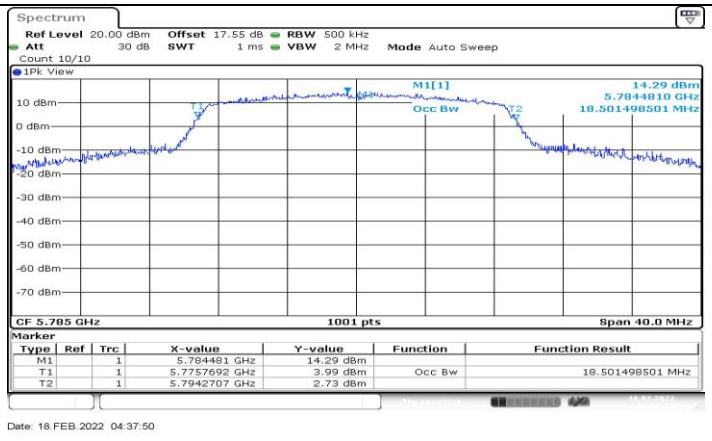
11AC20SISO_Ant1_5700



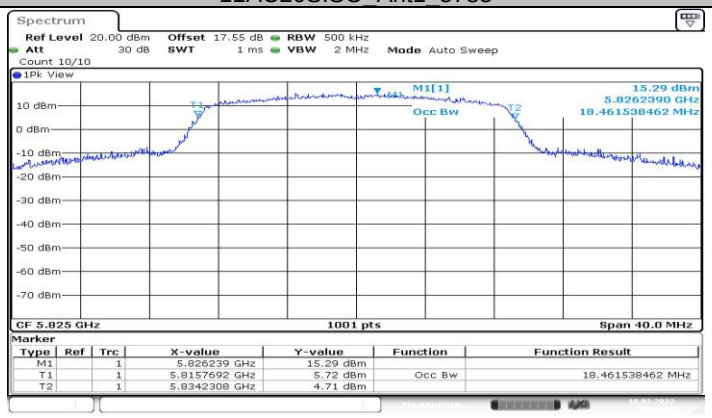
11AC20SISO_Ant1_5720



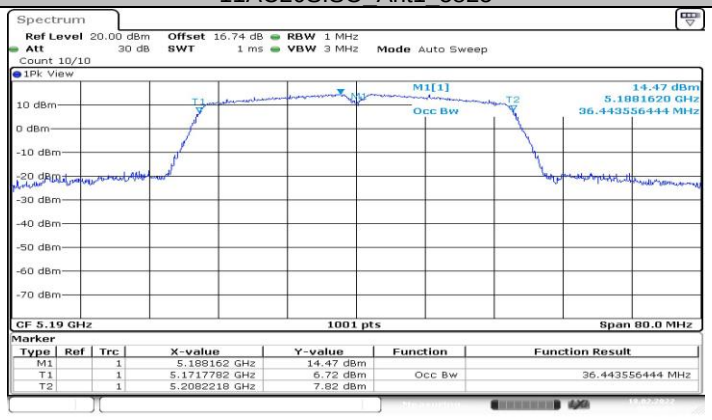
11AC20SISO_Ant1_5745



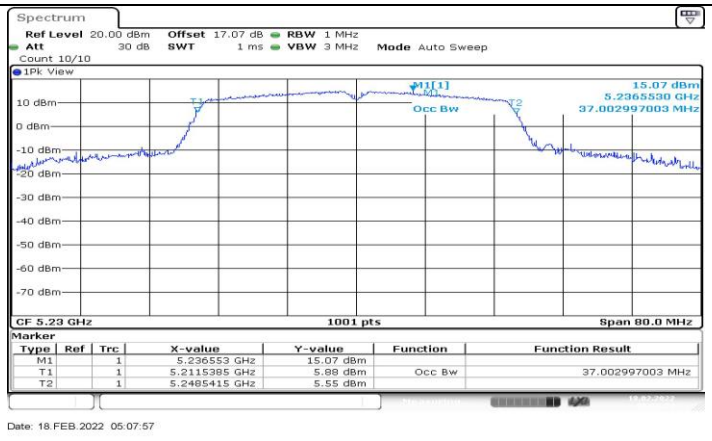
11AC20SISO_Ant1_5785



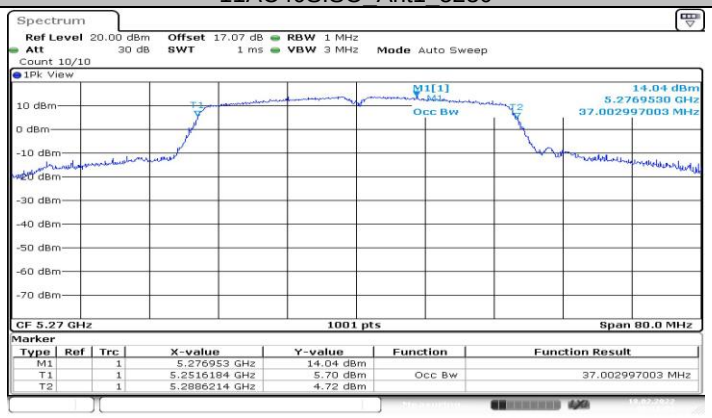
11AC20SISO_Ant1_5825



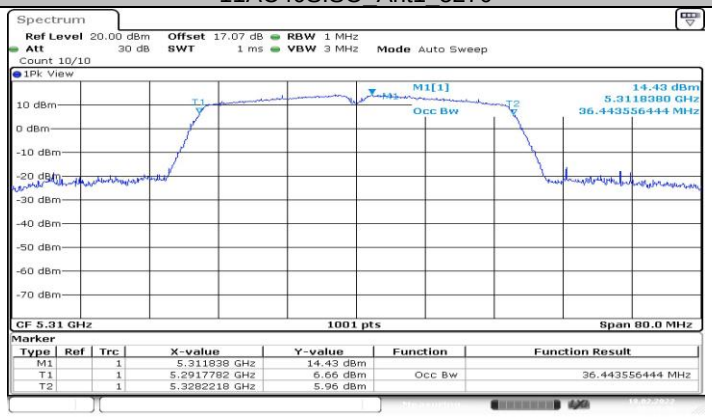
11AC40SISO_Ant1_5190



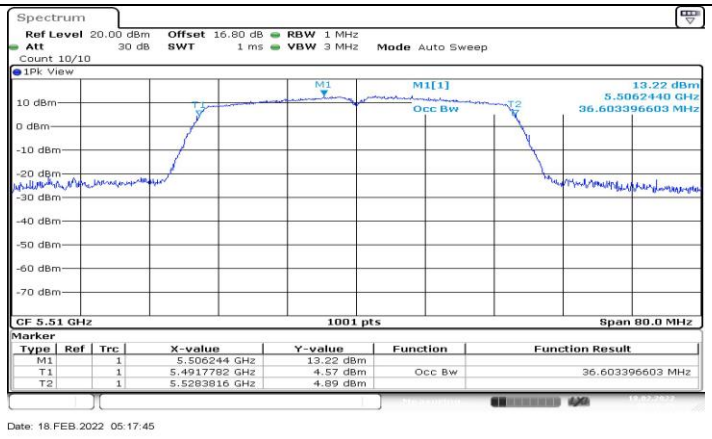
11AC40SISO_Ant1_5230



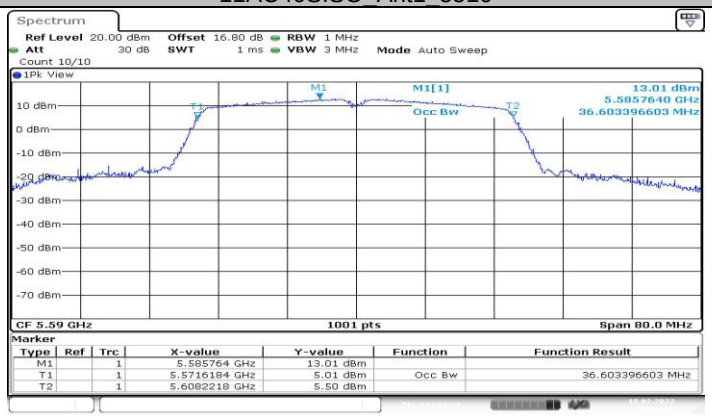
11AC40SISO_Ant1_5270



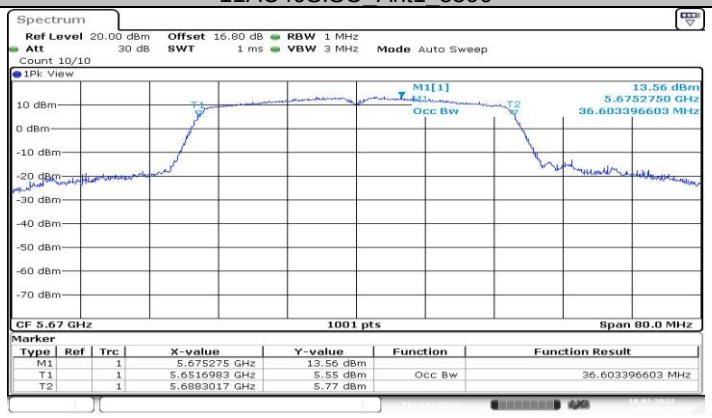
11AC40SISO_Ant1_5310



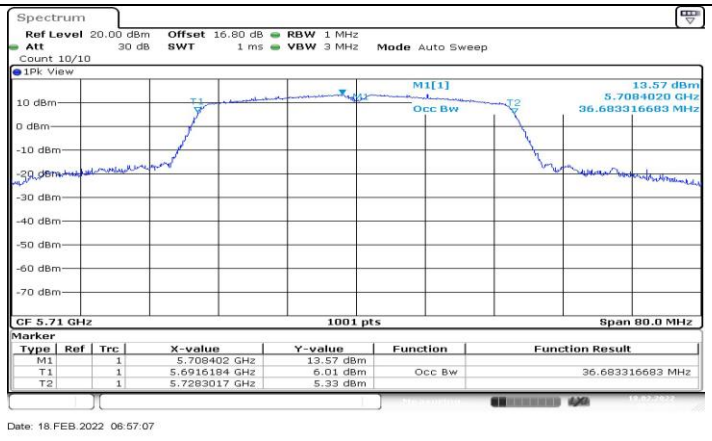
11AC40SISO_Ant1_5510



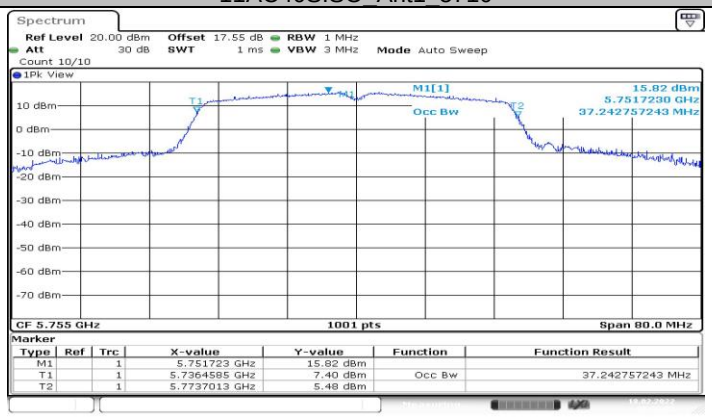
11AC40SISO_Ant1_5590



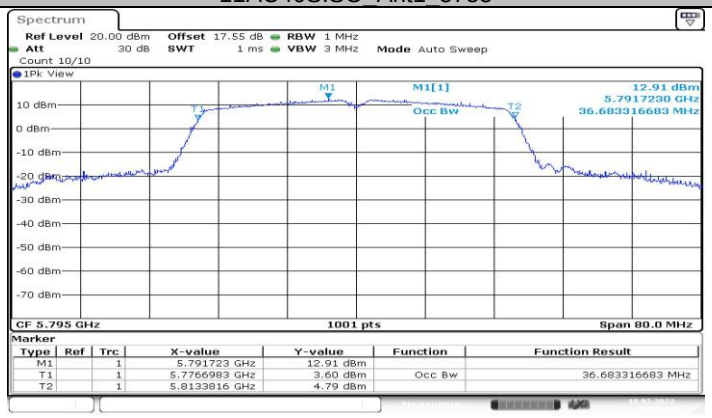
11AC40SISO_Ant1_5670



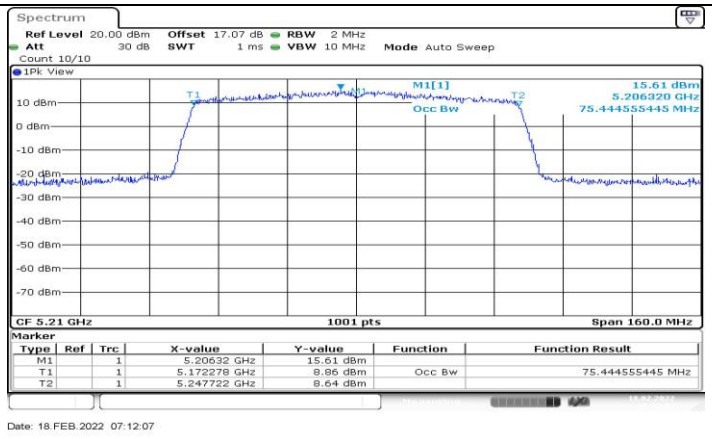
11AC40SISO_Ant1_5710



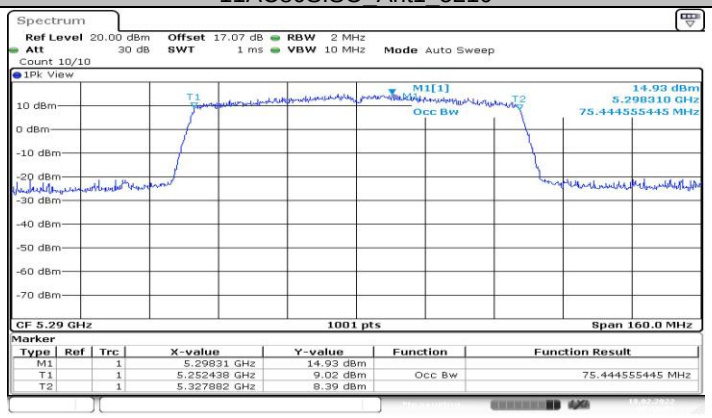
11AC40SISO_Ant1_5755



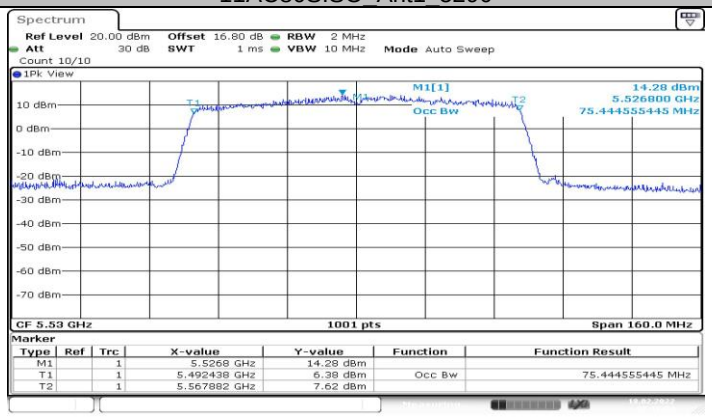
11AC40SISO_Ant1_5795



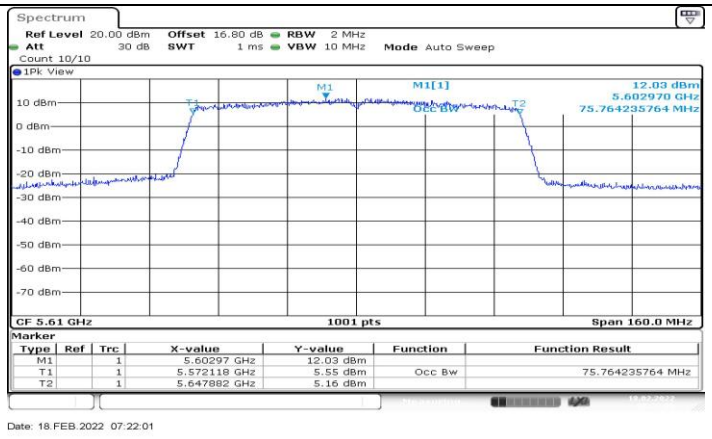
11AC80SISO_Ant1_5210



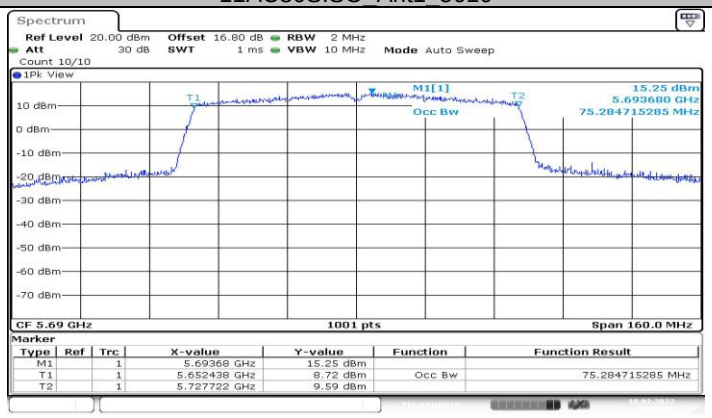
11AC80SISO_Ant1_5290



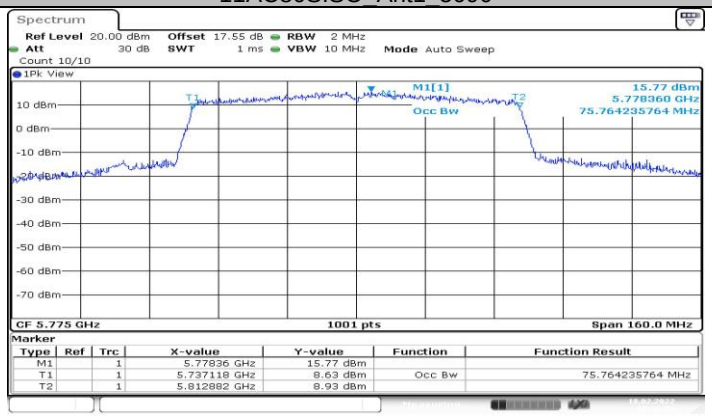
11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AC80SISO_Ant1_5690



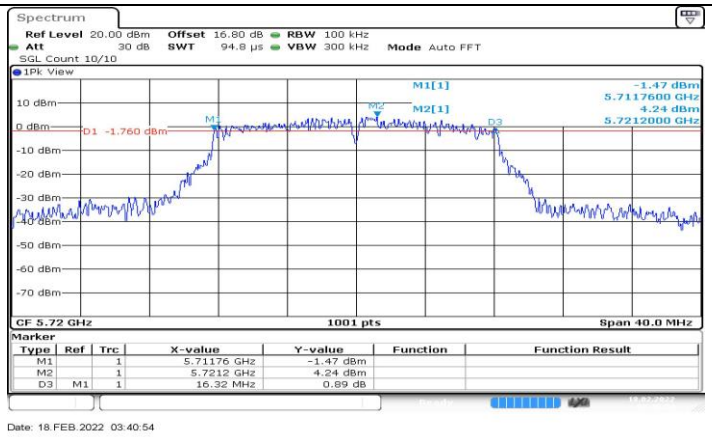
11AC80SISO_Ant1_5775

12.3. Appendix A3: Min emission bandwidth

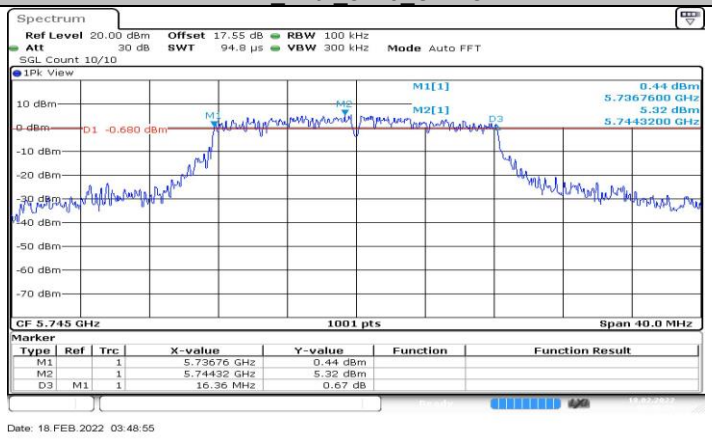
12.3.1. Test Result

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720_UNII-3	3.08	5725	5728.08	0.5	PASS
		5745	16.36	5736.76	5753.12	0.5	PASS
		5785	15.96	5776.80	5792.76	0.5	PASS
		5825	16.00	5816.80	5832.80	0.5	PASS
11N20SISO	Ant1	5720_UNII-3	3.36	5725	5728.36	0.5	PASS
		5745	17.60	5736.16	5753.76	0.5	PASS
		5785	17.60	5776.16	5793.76	0.5	PASS
		5825	17.56	5816.16	5833.72	0.5	PASS
11N40SISO	Ant1	5710_UNII-3	2.6	5725	5727.60	0.5	PASS
		5755	35.12	5737.40	5772.52	0.5	PASS
		5795	35.12	5777.40	5812.52	0.5	PASS
11AC80SISO	Ant1	5690_UNII-3	2.6	5725	5727.60	0.5	PASS
		5775	75.20	5737.40	5812.60	0.5	PASS

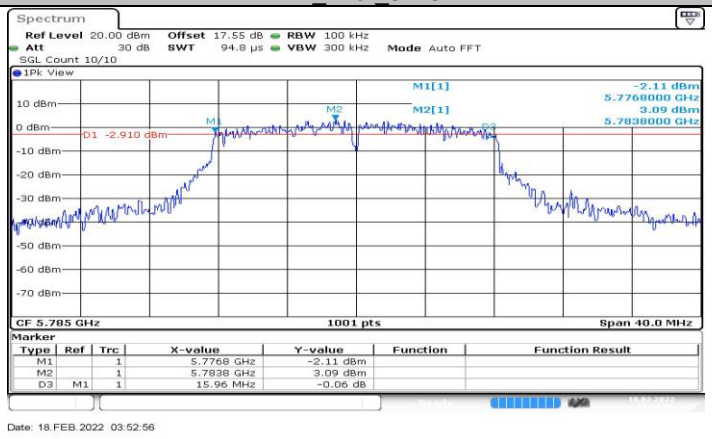
12.3.2. Test Graphs



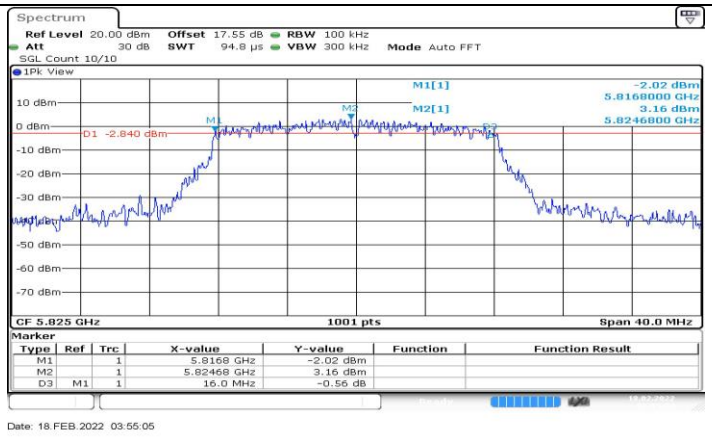
11A_Ant1_5720_UNII-3



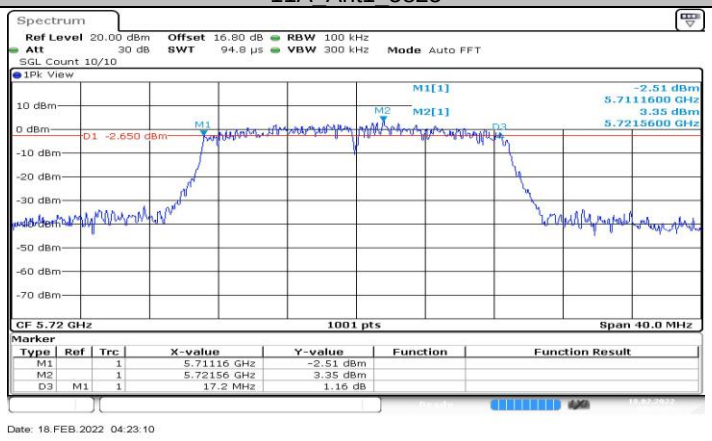
11A_Ant1_5745



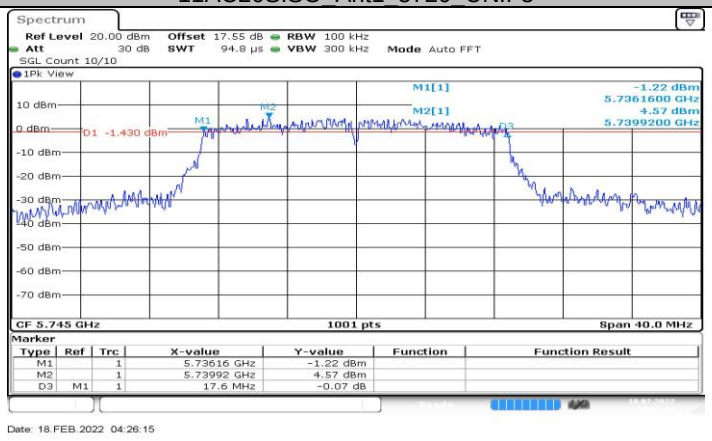
11A_Ant1_5785



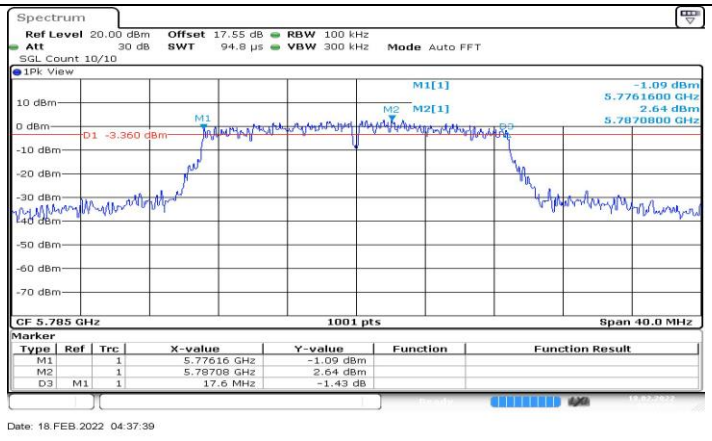
11A_Ant1_5825



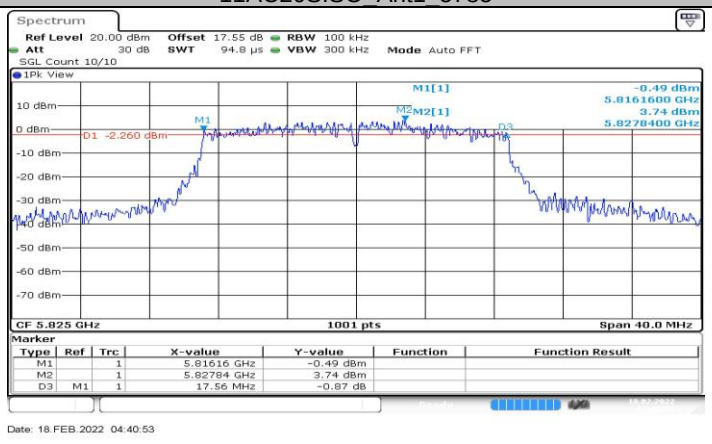
11AC20SISO_Ant1_5720_UNII-3



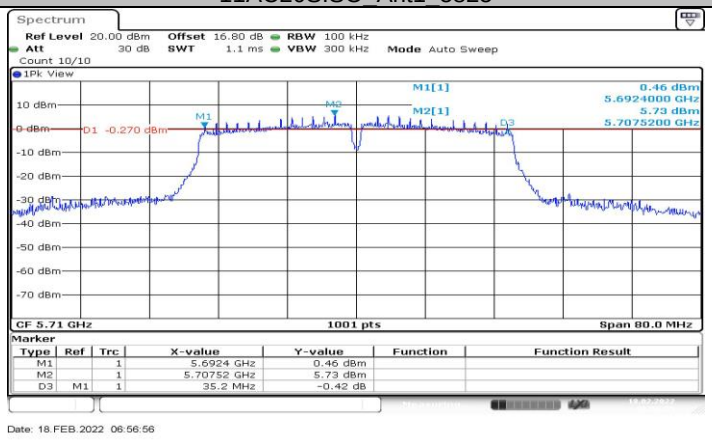
11AC20SISO_Ant1_5745



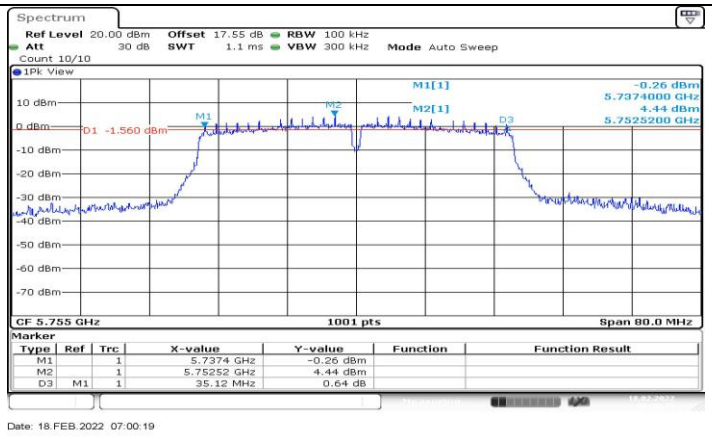
11AC20SISO_Ant1_5785



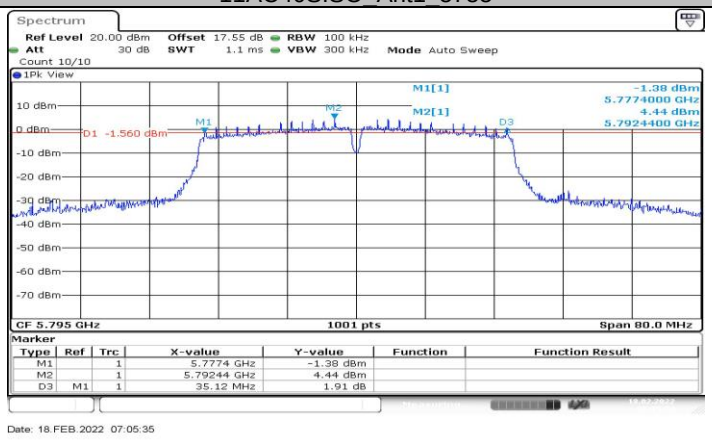
11AC20SISO_Ant1_5825



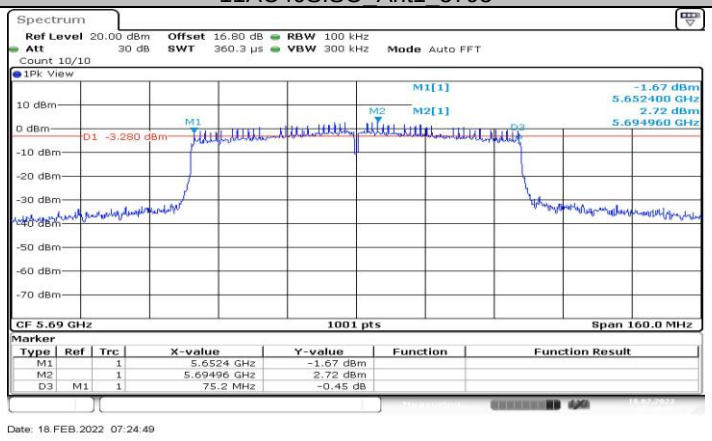
11AC40SISO_Ant1_5710_UNII-3



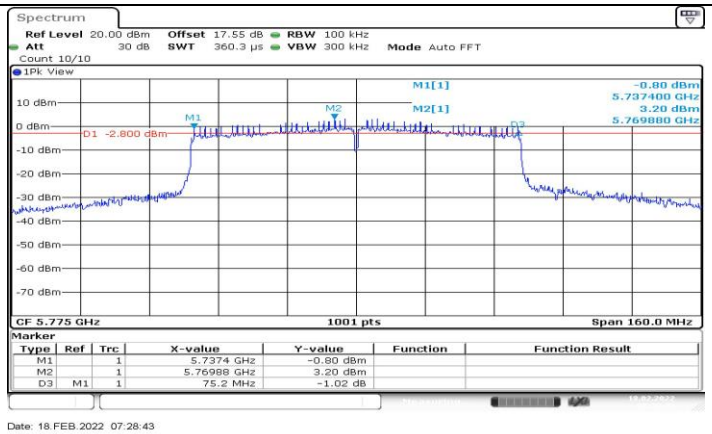
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5690_UNII-3



11AC80SISO_Ant1_5775

12.4. Appendix B: Maximum conducted output power

12.4.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	21.03	≤23.98	PASS
		5200	20.38	≤23.98	PASS
		5240	20.20	≤23.98	PASS
		5260	19.53	≤23.98	PASS
		5280	20.04	≤23.98	PASS
		5320	20.46	≤23.98	PASS
		5500	17.31	≤23.96	PASS
		5580	18.30	≤23.98	PASS
		5700	18.64	≤23.98	PASS
		5720_UNII-2C	17.76	≤22.84	PASS
		5720_UNII-3	9.86	≤30.00	PASS
		5745	20.16	≤30.00	PASS
		5785	20.00	≤30.00	PASS
		5825	20.28	≤30.00	PASS
11N20SISO	Ant1	5180	20.68	≤23.98	PASS
		5200	20.44	≤23.98	PASS
		5240	19.92	≤23.98	PASS
		5260	19.81	≤23.98	PASS
		5280	19.87	≤23.98	PASS
		5320	20.20	≤23.98	PASS
		5500	16.05	≤23.98	PASS
		5580	16.97	≤23.98	PASS
		5700	17.46	≤23.98	PASS
		5720_UNII-2C	16.60	≤22.81	PASS
		5720_UNII-3	9.16	≤30.00	PASS
		5745	20.44	≤30.00	PASS
		5785	20.22	≤30.00	PASS
		5825	20.57	≤30.00	PASS
111N40SISO	Ant1	5190	19.99	≤23.98	PASS
		5230	20.28	≤23.98	PASS
		5270	19.21	≤23.98	PASS
		5310	19.35	≤23.98	PASS
		5510	17.58	≤23.98	PASS
		5590	17.96	≤23.98	PASS
		5670	18.37	≤23.98	PASS
		5710_UNII-2C	18.38	≤23.98	PASS
		5710_UNII-3	5.72	≤30.00	PASS
		5755	20.73	≤30.00	PASS
		5795	20.77	≤30.00	PASS
11AC80SISO	Ant1	5210	18.60	≤23.98	PASS
		5290	18.47	≤23.98	PASS
		5530	17.35	≤23.98	PASS
		5610	17.77	≤23.98	PASS
		5690_UNII-2C	18.33	≤23.98	PASS
		5690_UNII-3	2.49	≤30.00	PASS
		5775	18.87	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

12.5. Appendix C: Maximum power spectral density

12.5.1. Test Result

Test Mode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	10.8	≤11.00	PASS
		5200	9.87	≤11.00	PASS
		5240	9.63	≤11.00	PASS
		5260	9.28	≤11.00	PASS
		5280	9.79	≤11.00	PASS
		5320	10.31	≤11.00	PASS
		5500	7.1	≤11.00	PASS
		5580	8.02	≤11.00	PASS
		5700	8.49	≤11.00	PASS
		5720_UNII-2C	8.12	≤11.00	PASS
		5720_UNII-3	3.51	≤11.00	PASS
		5745	7.06	≤30.00	PASS
		5785	6.85	≤30.00	PASS
		5825	7.13	≤30.00	PASS
11N20SISO	Ant1	5180	10.22	≤11.00	PASS
		5200	9.9	≤11.00	PASS
		5240	9.5	≤11.00	PASS
		5260	9.19	≤11.00	PASS
		5280	9.42	≤11.00	PASS
		5320	9.75	≤11.00	PASS
		5500	5.63	≤11.00	PASS
		5580	6.57	≤11.00	PASS
		5700	6.89	≤11.00	PASS
		5720_UNII-2C	6.96	≤11.00	PASS
		5720_UNII-3	1.72	≤11.00	PASS
		5745	7.09	≤30.00	PASS
		5785	7	≤30.00	PASS
		5825	7.23	≤30.00	PASS
11N40SISO	Ant1	5190	6.32	≤11.00	PASS
		5230	6.68	≤11.00	PASS
		5270	5.73	≤11.00	PASS
		5310	5.85	≤11.00	PASS
		5510	3.81	≤11.00	PASS
		5590	4.54	≤11.00	PASS
		5670	4.77	≤11.00	PASS
		5710_UNII-2C	4.94	≤11.00	PASS
		5710_UNII-3	-1.32	≤11.00	PASS
		5755	4.22	≤30.00	PASS
		5795	4.34	≤30.00	PASS
11AC80SISO	Ant1	5210	2.11	≤11.00	PASS
		5290	2.08	≤11.00	PASS
		5530	1.16	≤11.00	PASS
		5610	1.24	≤11.00	PASS
		5690_UNII-2C	2.08	≤11.00	PASS
		5690_UNII-3	-4.36	≤11.00	PASS
		5775	-0.52	≤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.

12.5.2. Test Graphs

11A_Ant1_5180

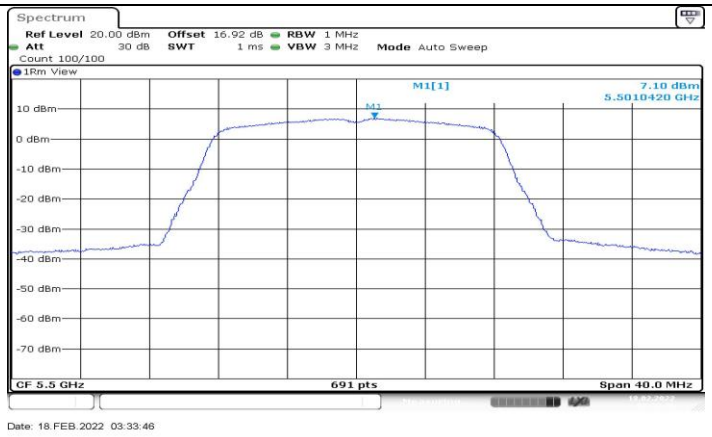
11A_Ant1_5200

11A_Ant1_5240

11A_Ant1_5260

11A_Ant1_5280

11A_Ant1_5320



11A_Ant1_5500

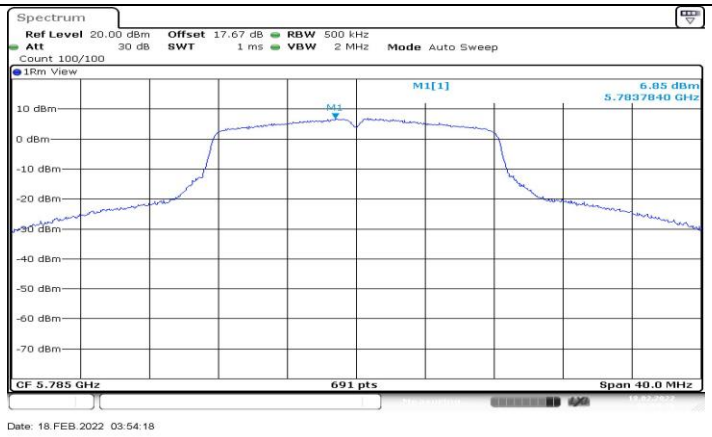
11A_Ant1_5580

11A_Ant1_5700

11A_Ant1_5720_UNII-2C

11A_Ant1_5720_UNII-3

11A_Ant1_5745



11A_Ant1_5785

11A_Ant1_5825

11AC20SISO_Ant1_5180

11AC20SISO_Ant1_5200

11AC20SISO_Ant1_5240

11AC20SISO_Ant1_5260

11AC20SISO_Ant1_5280

11AC20SISO_Ant1_5320

11AC20SISO_Ant1_5500

11AC20SISO_Ant1_5580

11AC20SISO_Ant1_5700

11AC20SISO_Ant1_5720_UNII-2C

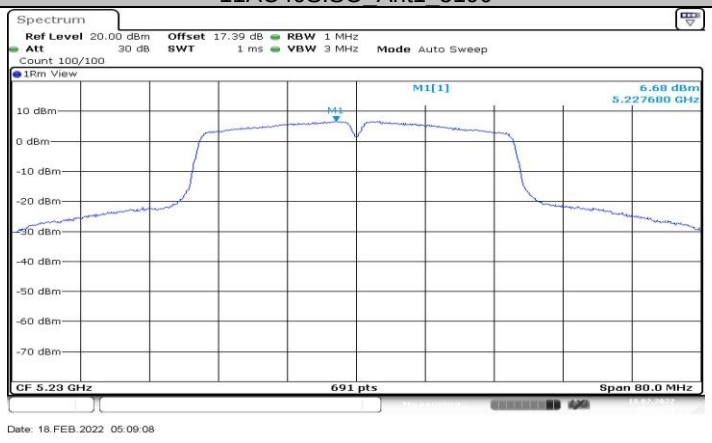
11AC20SISO_Ant1_5720_UNII-3

11AC20SISO_Ant1_5745

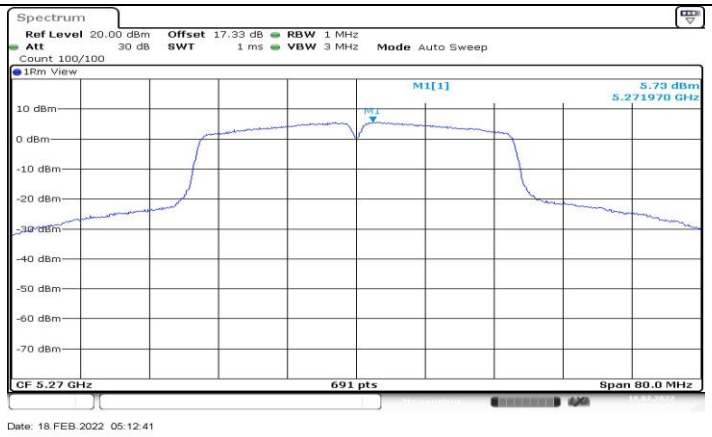
11AC20SISO_Ant1_5785

11AC20SISO_Ant1_5825

11AC40SISO_Ant1_5190



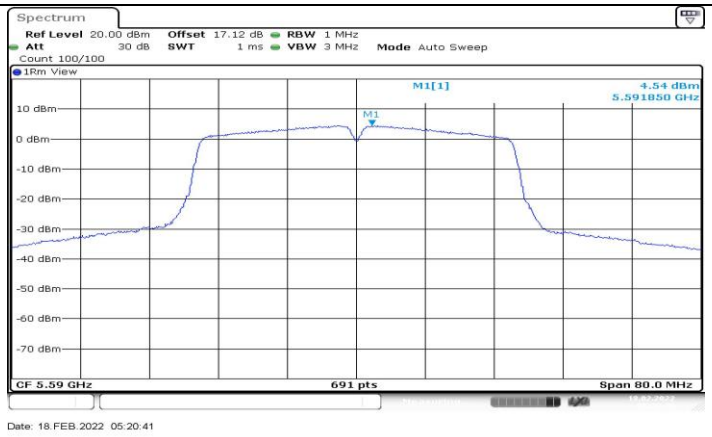
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5270

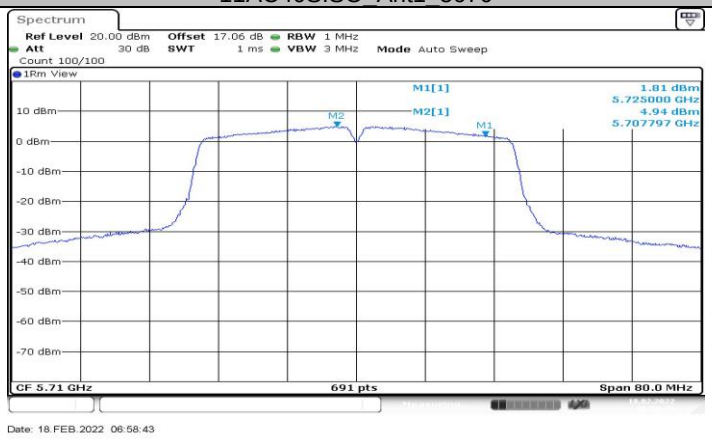
11AC40SISO_Ant1_5310

11AC40SISO_Ant1_5510

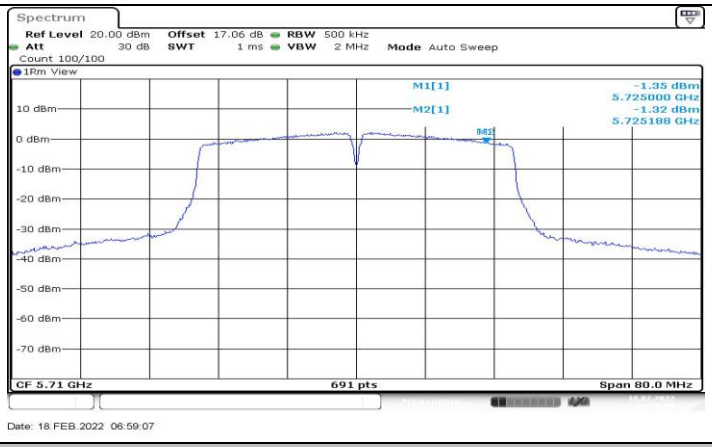


11AC40SISO_Ant1_5590

11AC40SISO_Ant1_5670

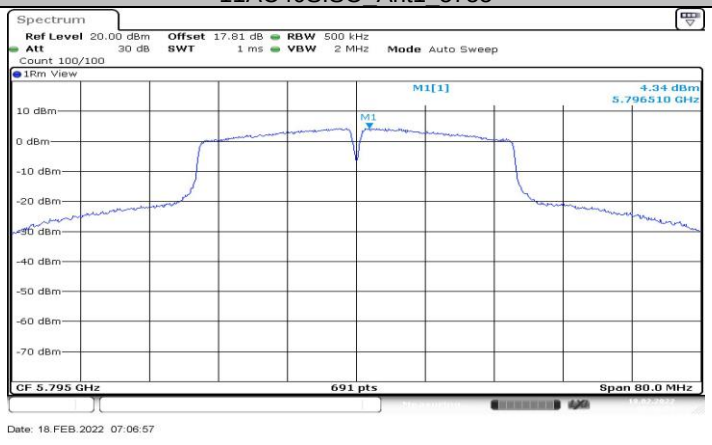


11AC40SISO_Ant1_5710_UNII-2C



11AC40SISO_Ant1_5710_UNII-3

11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795

11AC80SISO_Ant1_5210

11AC80SISO_Ant1_5290

11AC80SISO_Ant1_5530

11AC80SISO_Ant1_5610

11AC80SISO_Ant1_5690_UNII-2C

11AC80SISO_Ant1_5690_UNII-3

11AC80SISO_Ant1_5775

12.6. Appendix D: Duty Cycle

12.6.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	1.37	1.42	0.9958	99.58	0.02	0.12	0.01
11N20SISO	1.30	1.34	0.9734	97.34	0.12	0.72	1
11N20SISO	0.64	0.69	0.9715	97.15	0.13	0.77	1
11AC80SISO	0.32	0.36	0.9462	94.62	1.06	1.54	2

Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.
If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz.