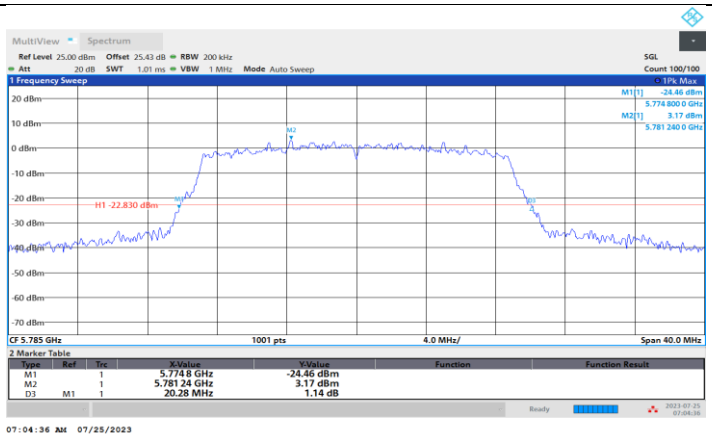
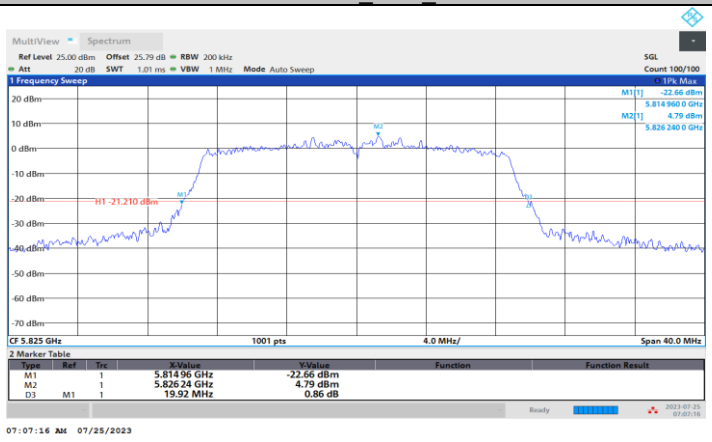
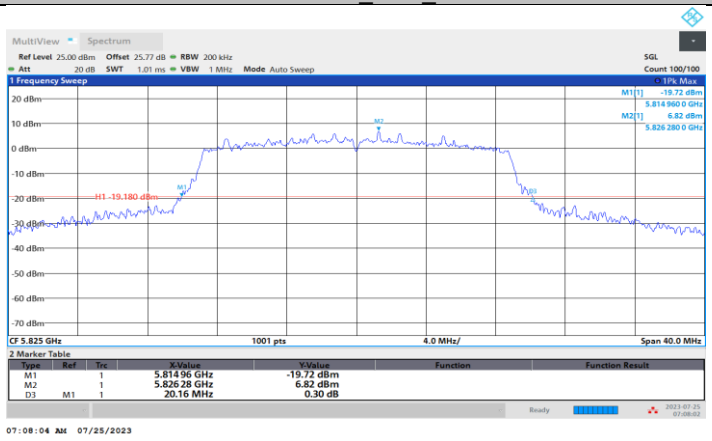


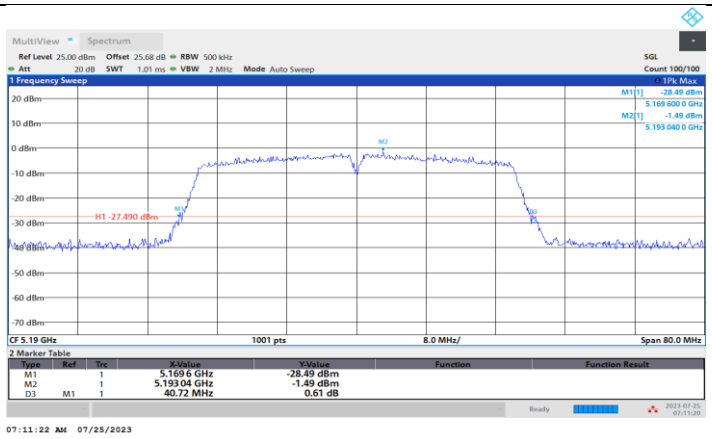
11N20MIMO_Ant2_5785



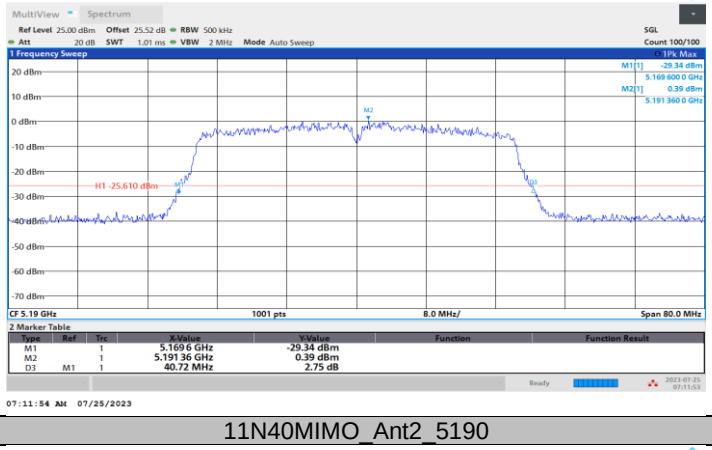
11N20MIMO_Ant1_5825



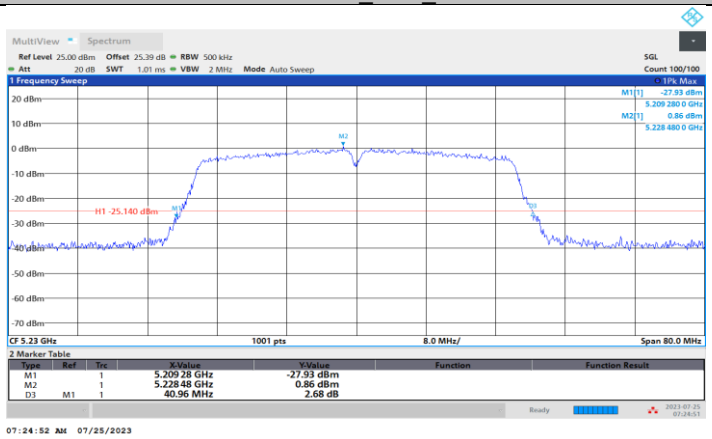
11N20MIMO_Ant2_5825



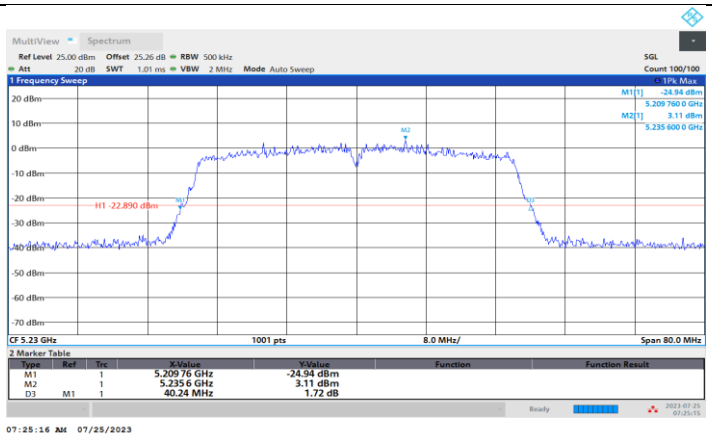
11N40MIMO_Ant1_5190



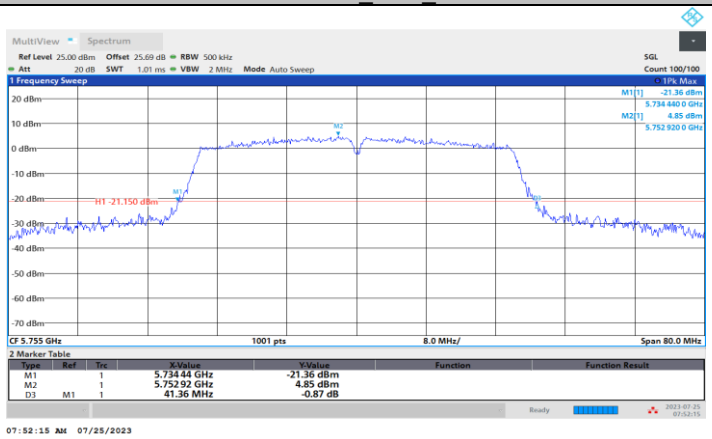
11N40MIMO_Ant2_5190



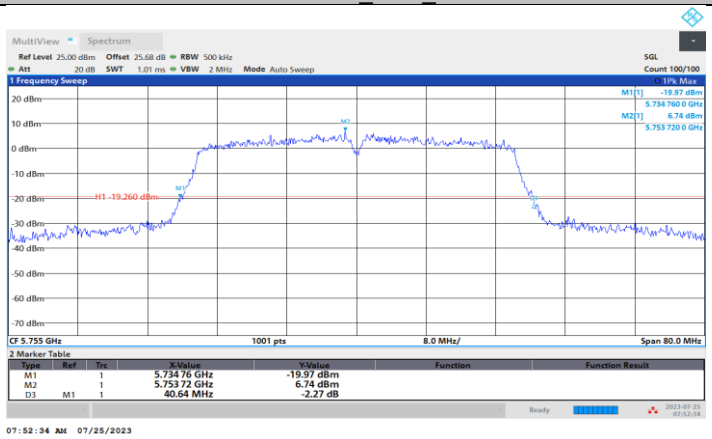
11N40MIMO_Ant1_5230



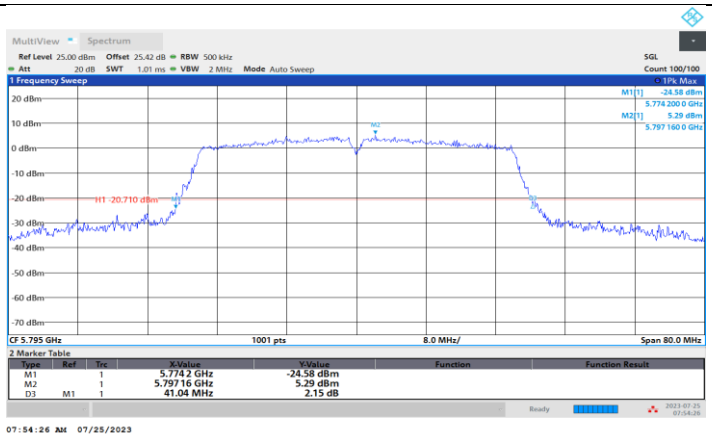
11N40MIMO_Ant2_5230



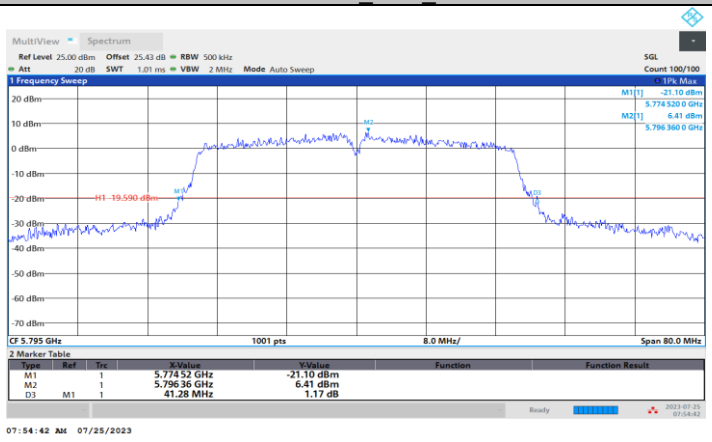
11N40MIMO_Ant1_5755



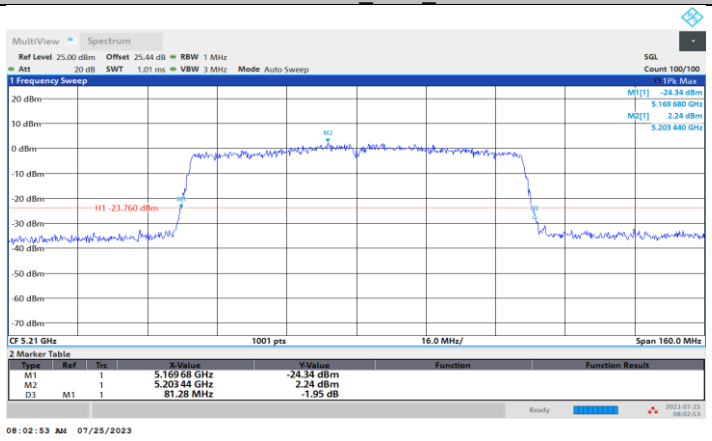
11N40MIMO_Ant2_5755



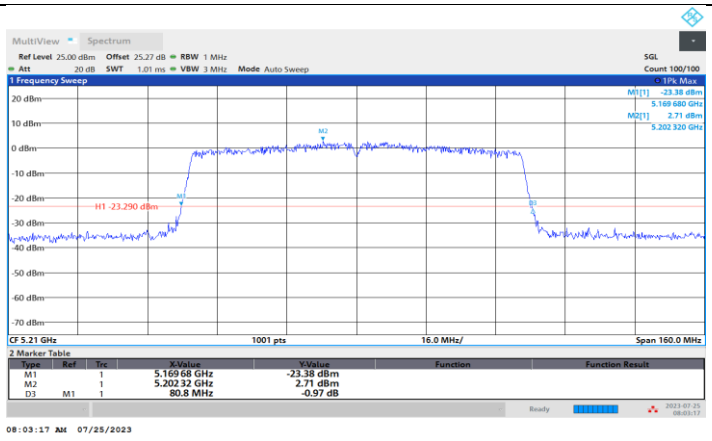
11N40MIMO_Ant1_5795



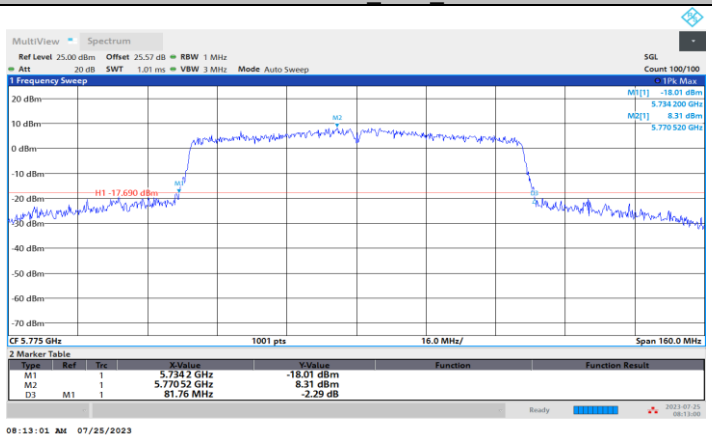
11N40MIMO_Ant2_5795



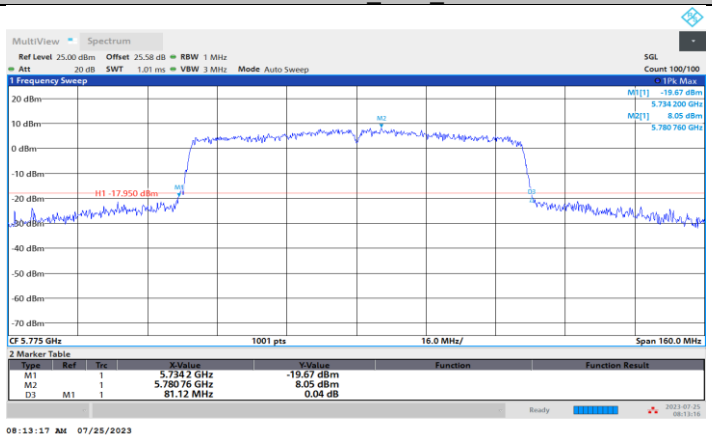
11AC80MIMO_Ant1_5210



11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



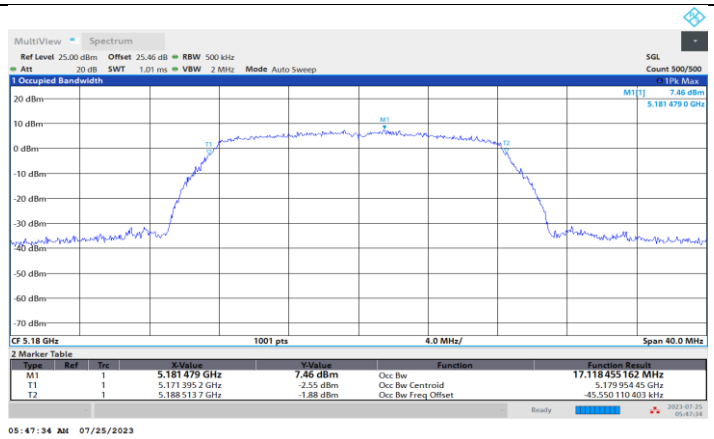
11AC80MIMO_Ant2_5775

11.2. APPENDIX A2: OCCUPIED CHANNEL BANDWIDTH

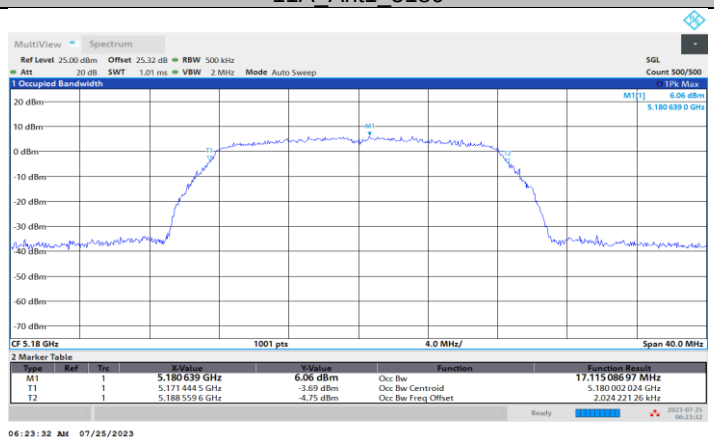
11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	17.118	5171.3952	5188.5137	PASS
	Ant2	5180	17.115	5171.4445	5188.5596	PASS
	Ant1	5200	17.151	5191.4200	5208.5706	PASS
	Ant2	5200	17.146	5191.4525	5208.5989	PASS
	Ant1	5240	17.135	5231.4245	5248.5593	PASS
	Ant2	5240	17.096	5231.4261	5248.5219	PASS
	Ant1	5745	17.127	5736.4495	5753.5761	PASS
	Ant2	5745	17.079	5736.4431	5753.5222	PASS
	Ant1	5785	17.188	5776.3758	5793.5640	PASS
	Ant2	5785	17.134	5776.4260	5793.5603	PASS
	Ant1	5825	17.222	5816.3715	5833.5934	PASS
	Ant2	5825	17.346	5816.2825	5833.6283	PASS
11N20MIMO	Ant1	5180	17.987	5171.0124	5188.9996	PASS
	Ant2	5180	17.808	5171.0683	5188.8763	PASS
	Ant1	5200	17.967	5191.0299	5208.9968	PASS
	Ant2	5200	17.732	5191.1290	5208.8613	PASS
	Ant1	5240	17.977	5231.0000	5248.9773	PASS
	Ant2	5240	17.761	5231.1175	5248.8789	PASS
	Ant1	5745	18.013	5735.9911	5754.0044	PASS
	Ant2	5745	17.797	5736.1004	5753.8978	PASS
	Ant1	5785	18.017	5775.9499	5793.9667	PASS
	Ant2	5785	17.78	5776.1018	5793.8817	PASS
	Ant1	5825	17.994	5815.9720	5833.9658	PASS
	Ant2	5825	17.863	5816.0226	5833.8858	PASS
11N40MIMO	Ant1	5190	36.469	5171.7392	5208.2083	PASS
	Ant2	5190	36.303	5171.8093	5208.1119	PASS
	Ant1	5230	36.372	5211.8529	5248.2250	PASS
	Ant2	5230	36.27	5211.8834	5248.1532	PASS
	Ant1	5755	36.417	5736.8174	5773.2340	PASS
	Ant2	5755	36.361	5736.8551	5773.2158	PASS
	Ant1	5795	36.384	5776.7873	5813.1708	PASS
	Ant2	5795	36.272	5776.8596	5813.1312	PASS
11AC80MIMO	Ant1	5210	75.838	5172.1148	5247.9532	PASS
	Ant2	5210	75.574	5172.2262	5247.7999	PASS
	Ant1	5775	75.788	5737.0802	5812.8682	PASS
	Ant2	5775	75.667	5737.1918	5812.8586	PASS

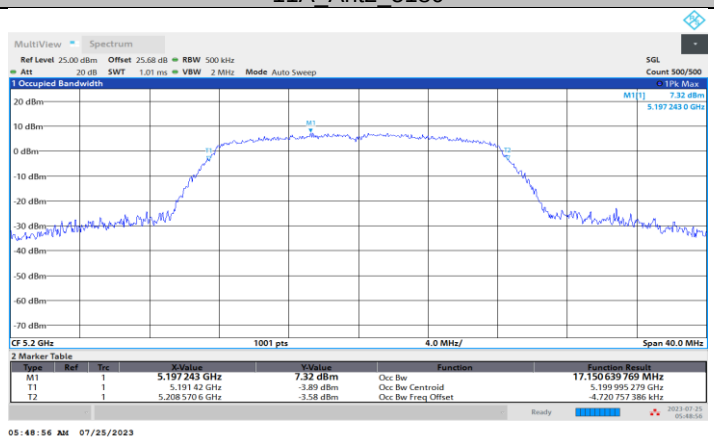
11.2.2. Test Graphs



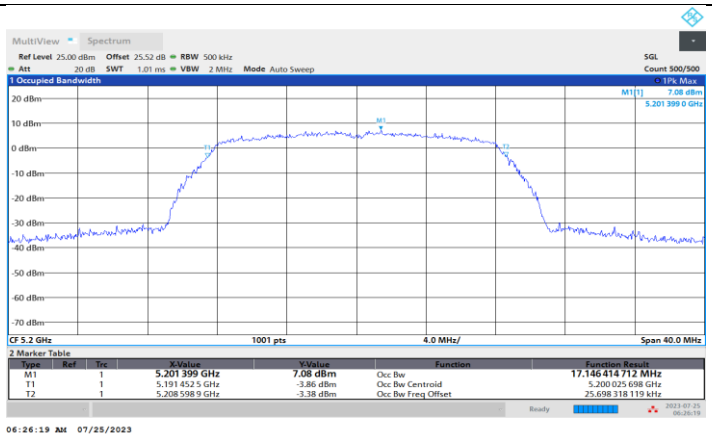
11A_Ant1_5180



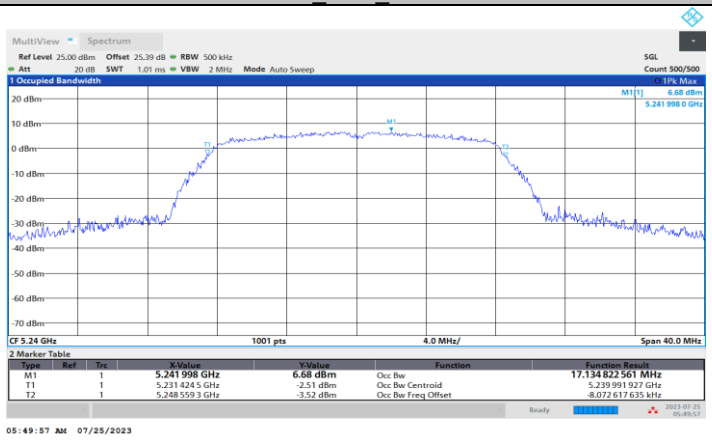
11A_Ant2_5180



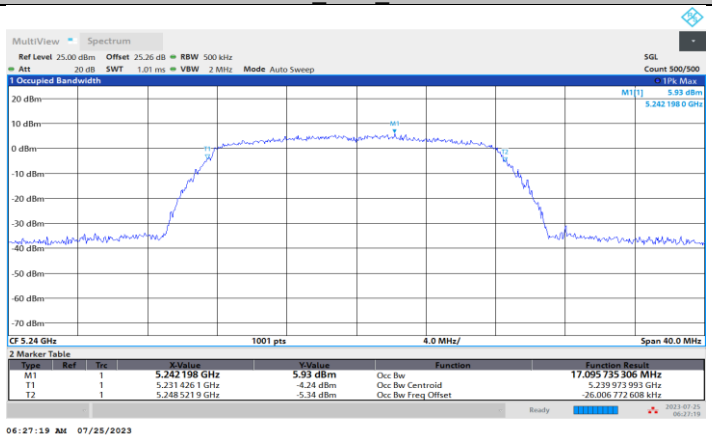
11A_Ant1_5200



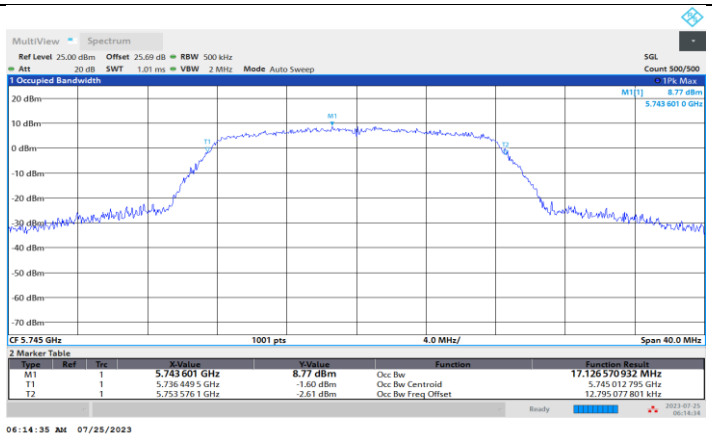
11A_Ant2_5200



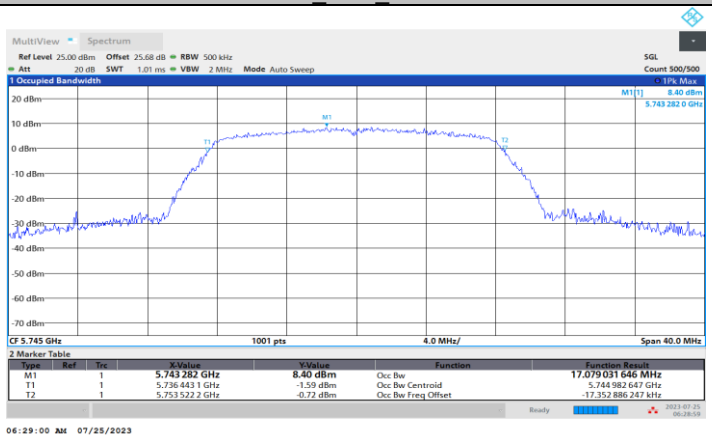
11A_Ant1_5240



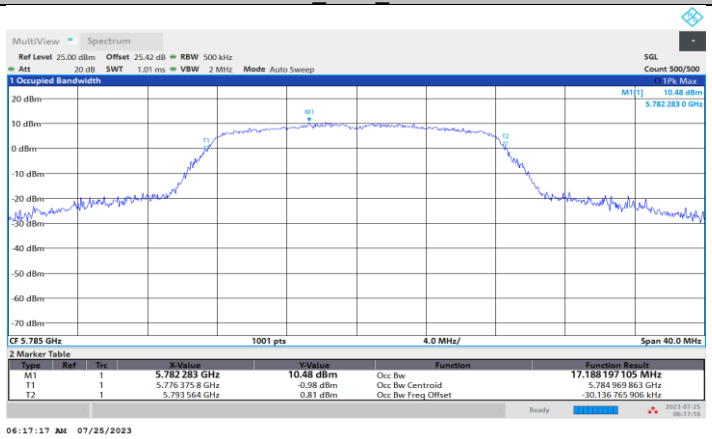
11A_Ant2_5240



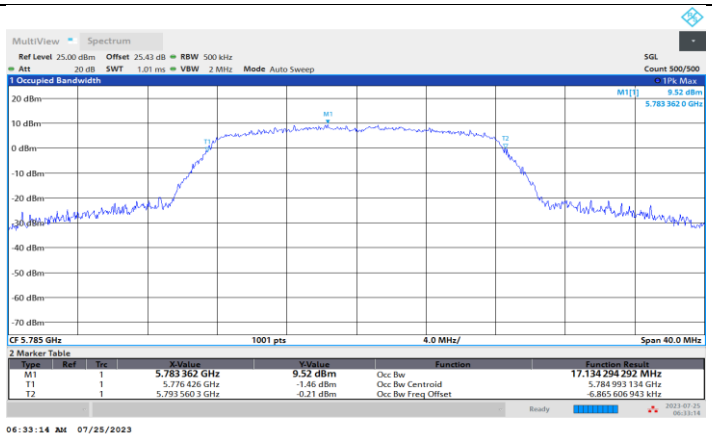
11A_Ant1_5745



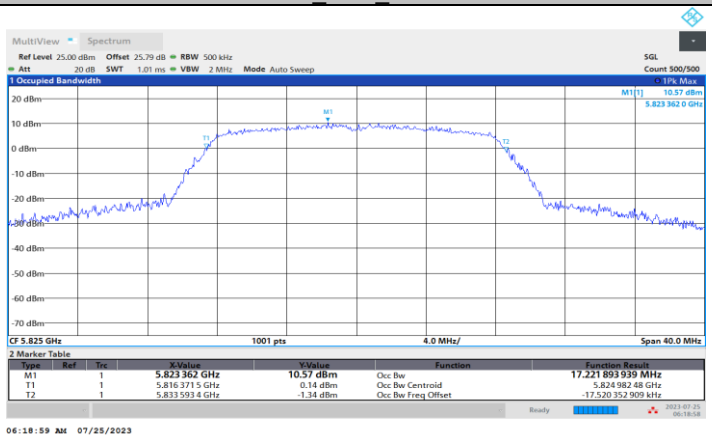
11A_Ant2_5745



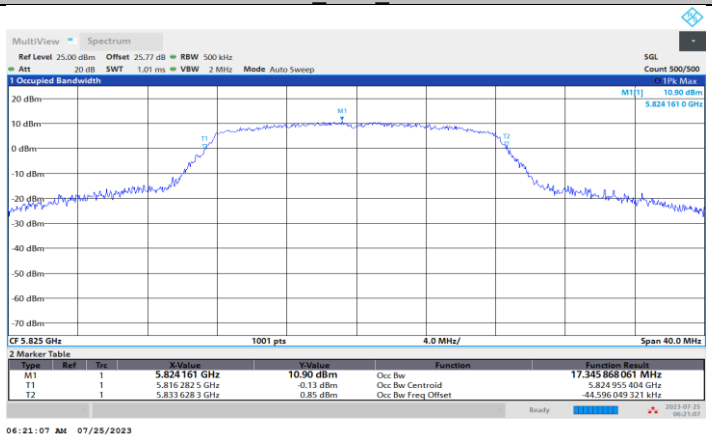
11A_Ant1_5785



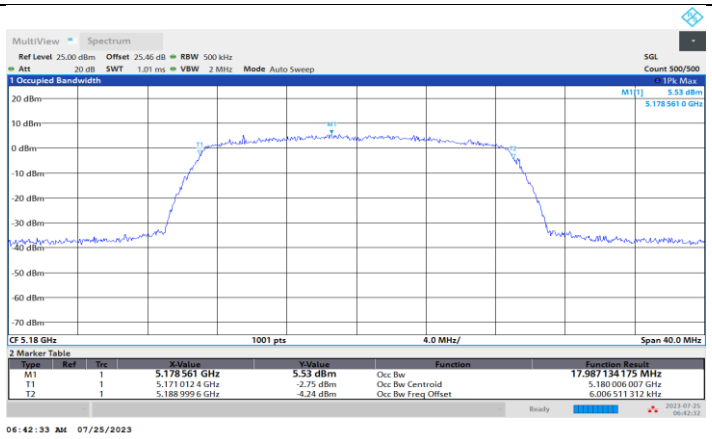
11A_Ant2_5785



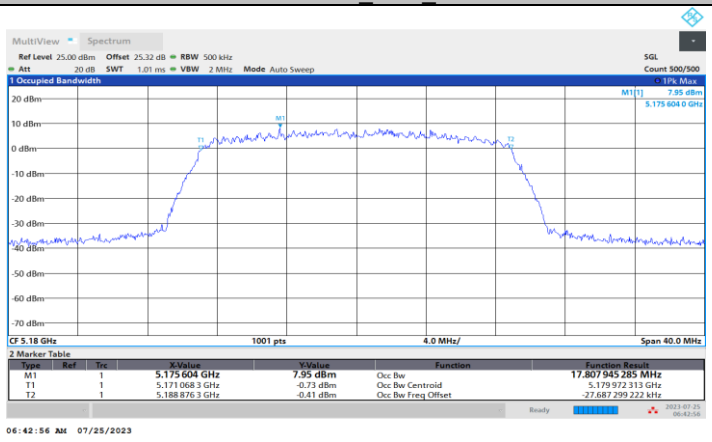
11A_Ant1_5825



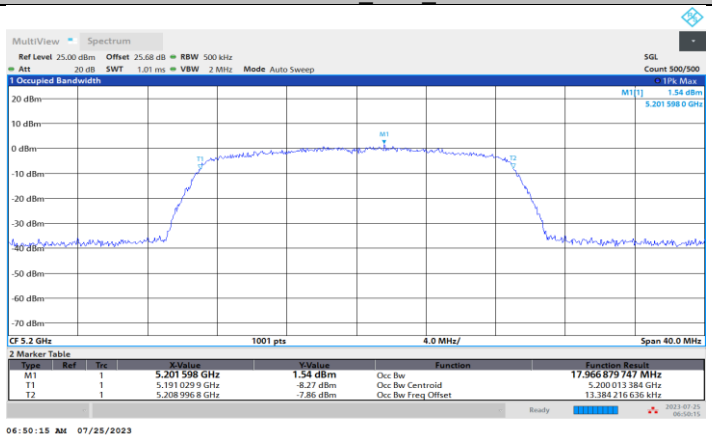
11A_Ant2_5825



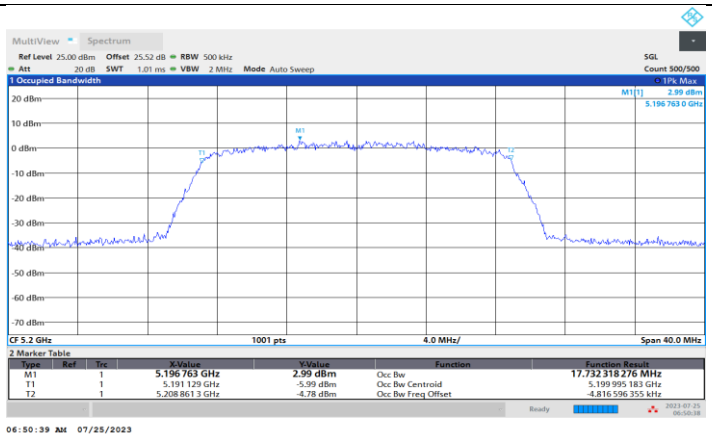
11N20MIMO_Ant1_5180



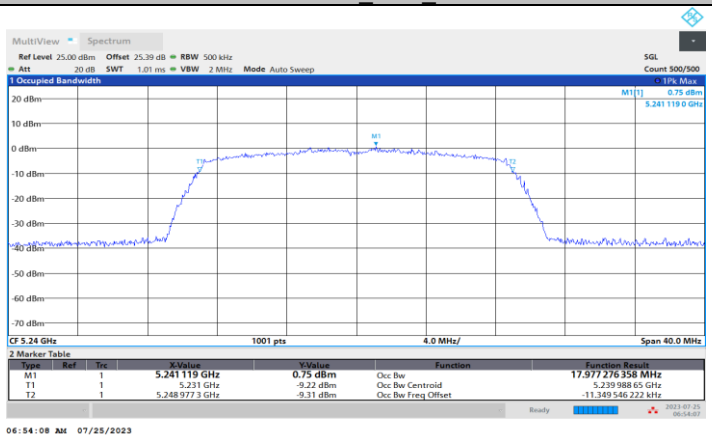
11N20MIMO_Ant2_5180



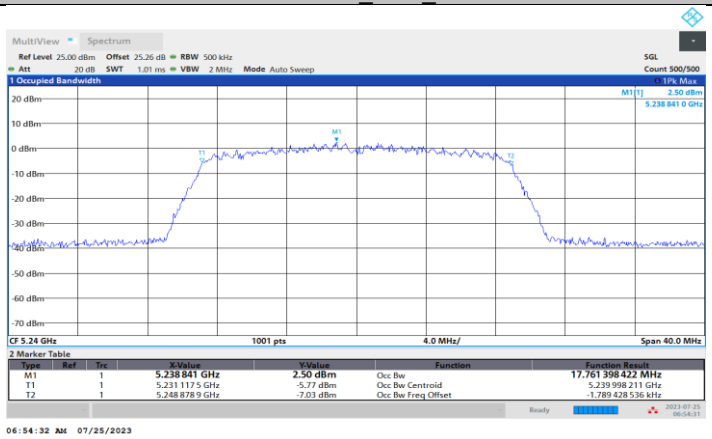
11N20MIMO_Ant1_5200



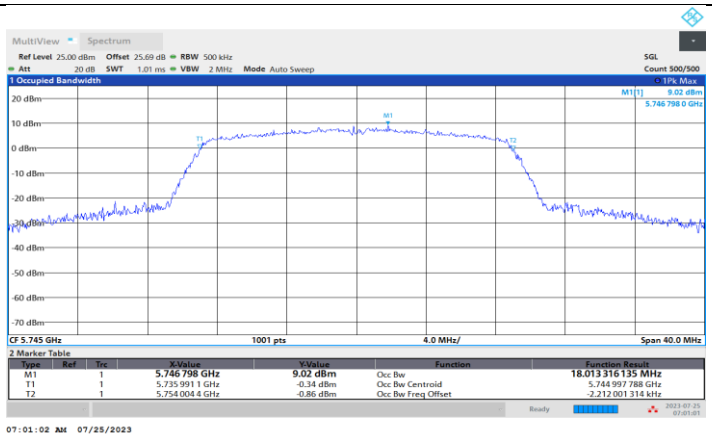
11N20MIMO_Ant2_5200



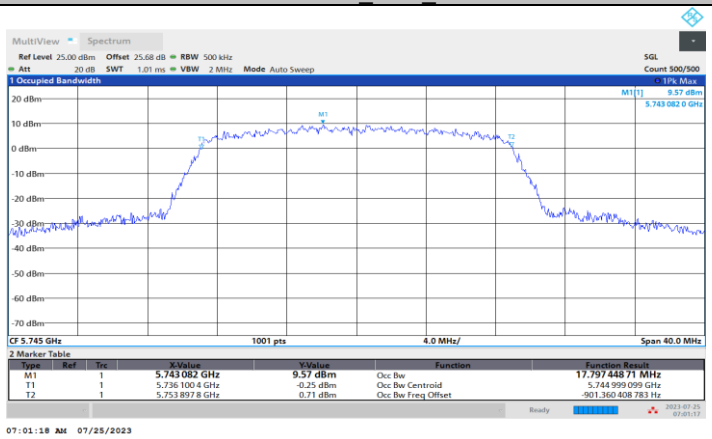
11N20MIMO_Ant1_5240



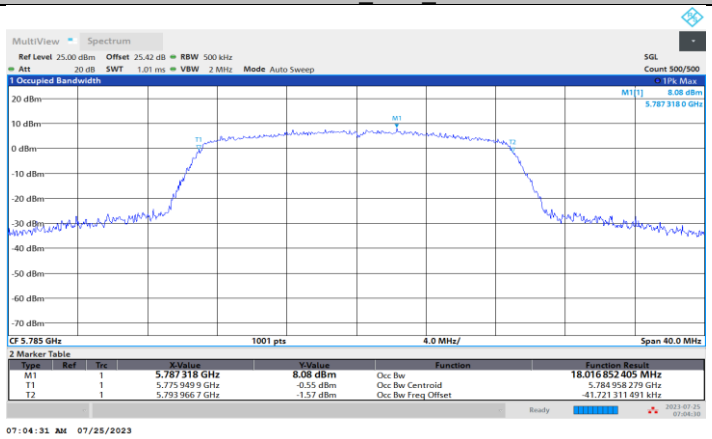
11N20MIMO_Ant2_5240



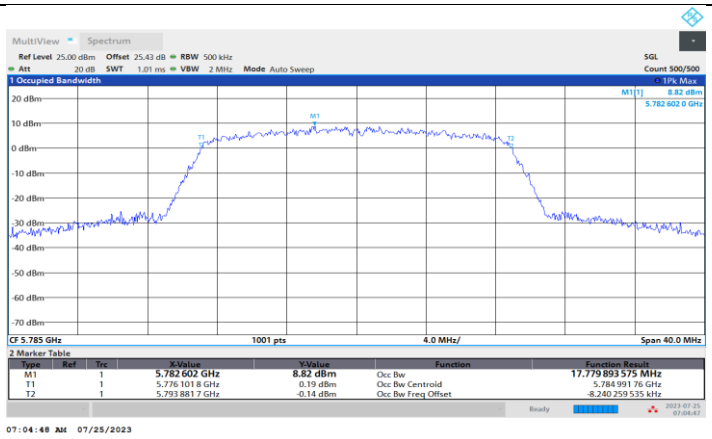
11N20MIMO_Ant1_5745



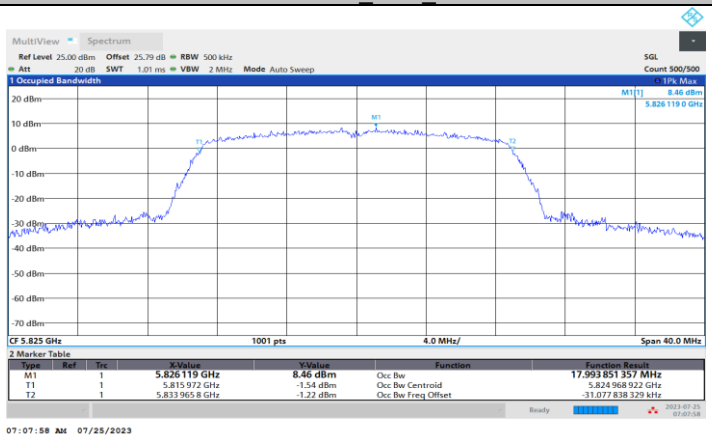
11N20MIMO_Ant2_5745



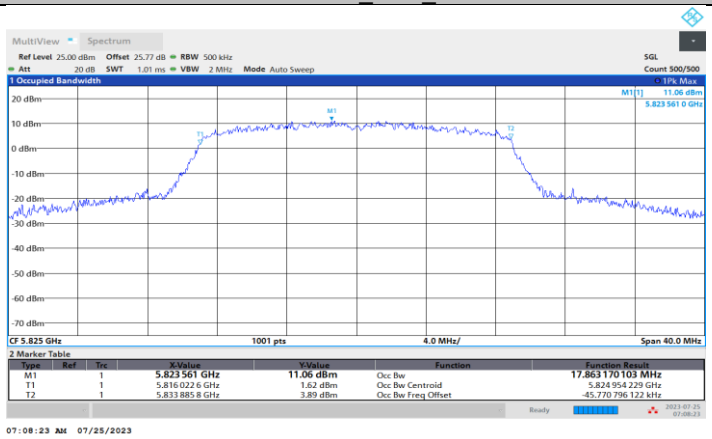
11N20MIMO_Ant1_5785



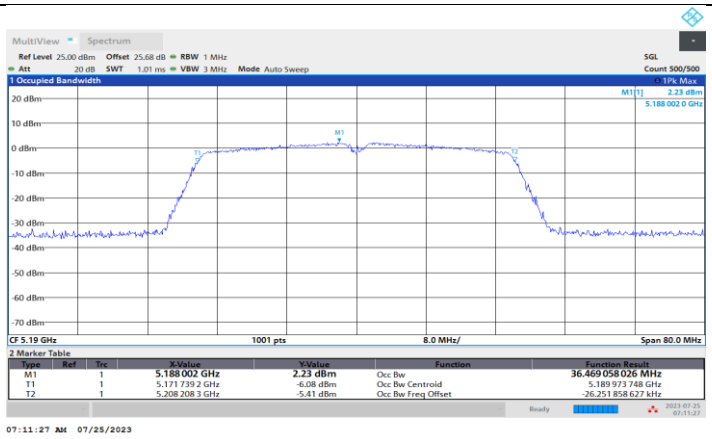
11N20MIMO_Ant2_5785



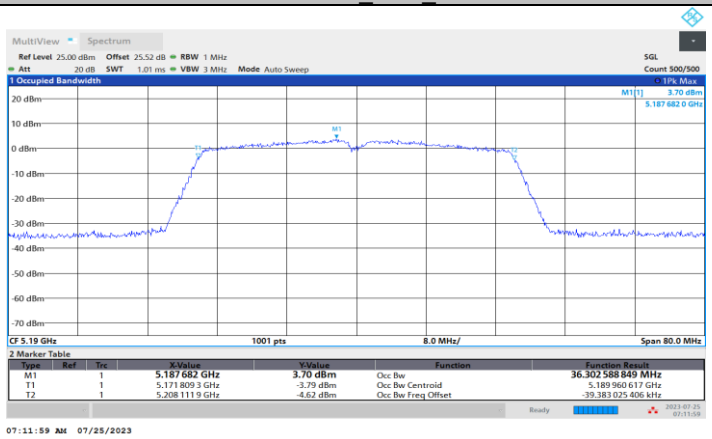
11N20MIMO_Ant1_5825



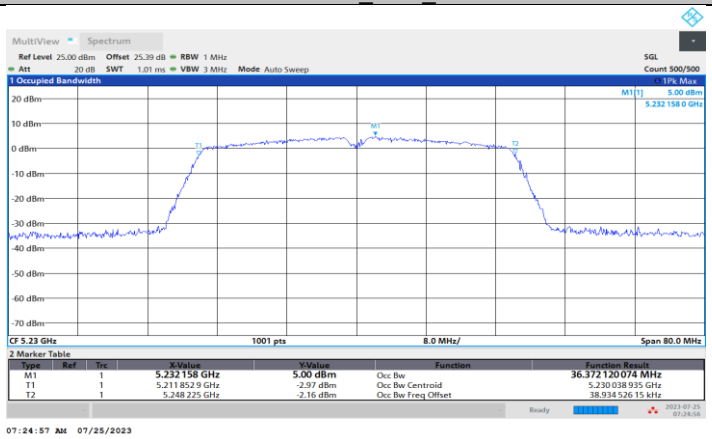
11N20MIMO_Ant2_5825



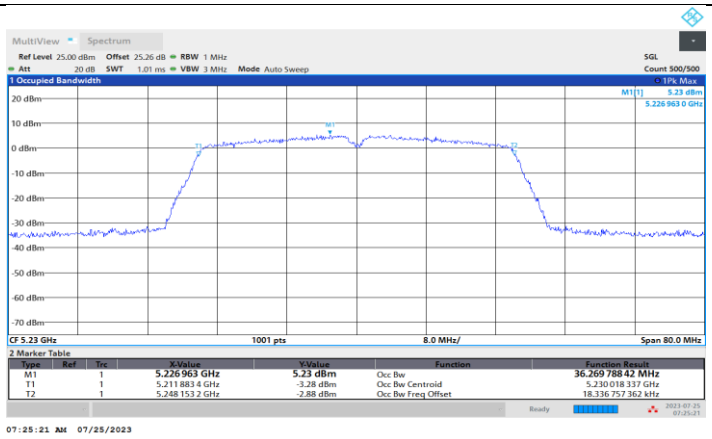
11N40MIMO_Ant1_5190



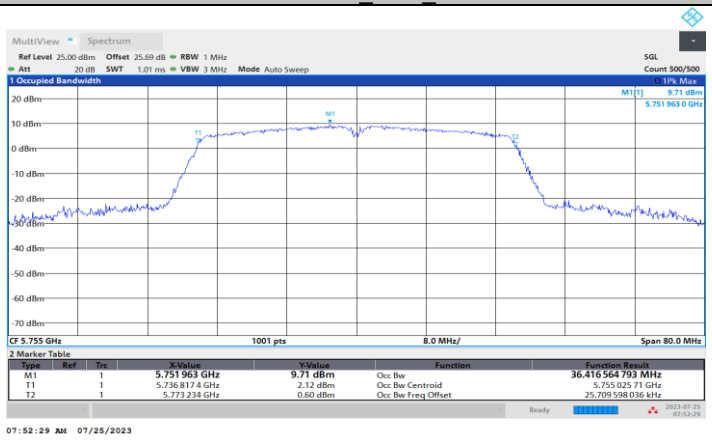
11N40MIMO_Ant2_5190



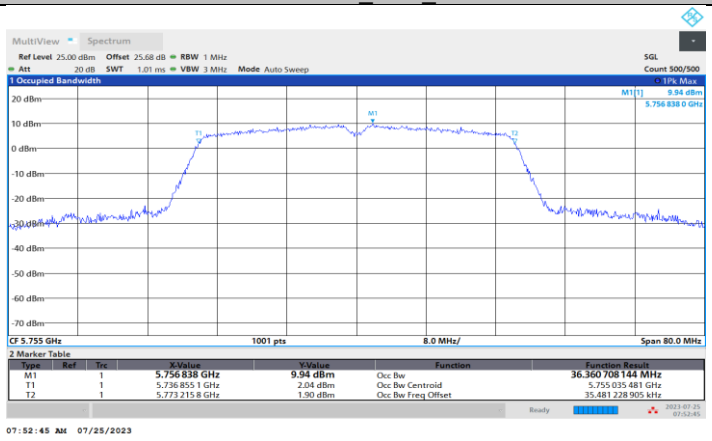
11N40MIMO_Ant1_5230



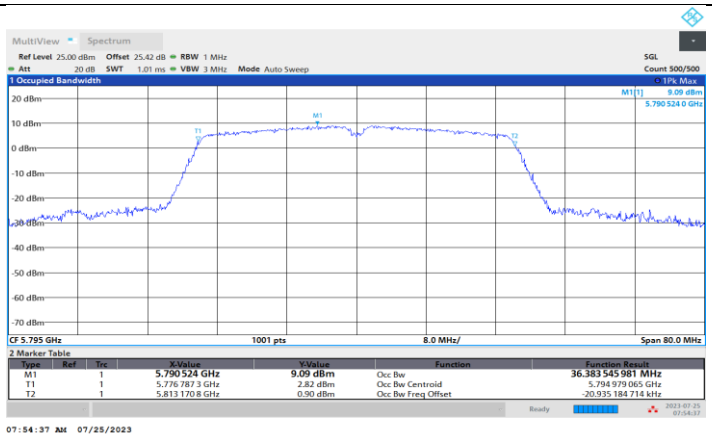
11N40MIMO_Ant2_5230



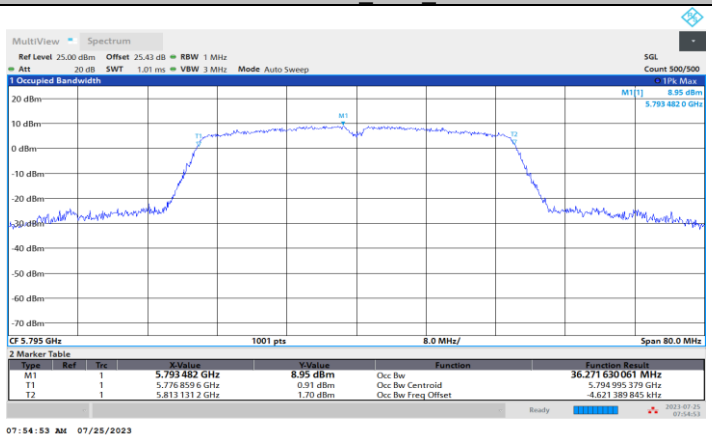
11N40MIMO_Ant1_5755



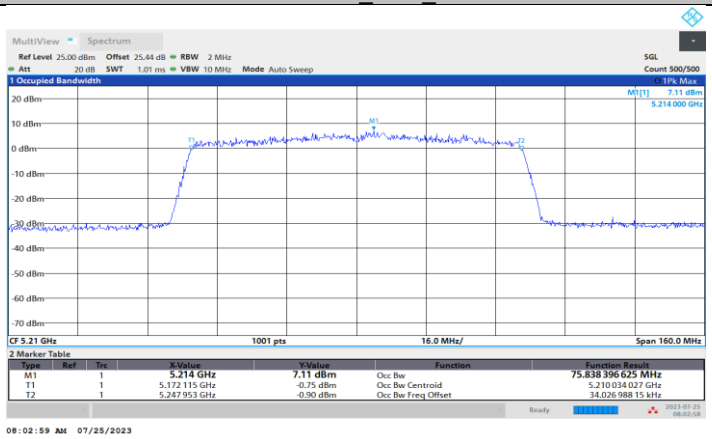
11N40MIMO_Ant2_5755



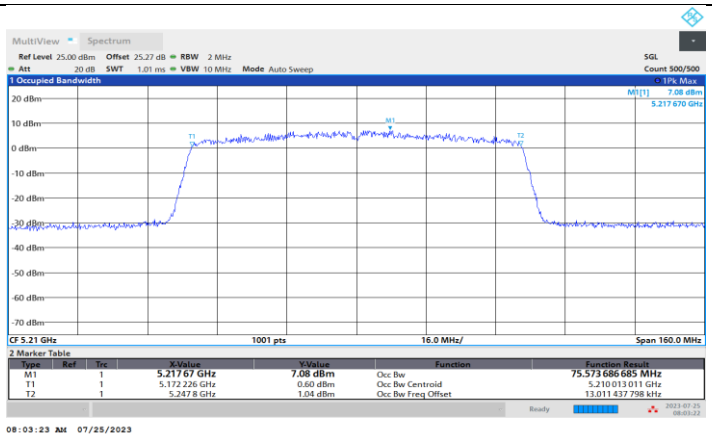
11N40MIMO_Ant1_5795



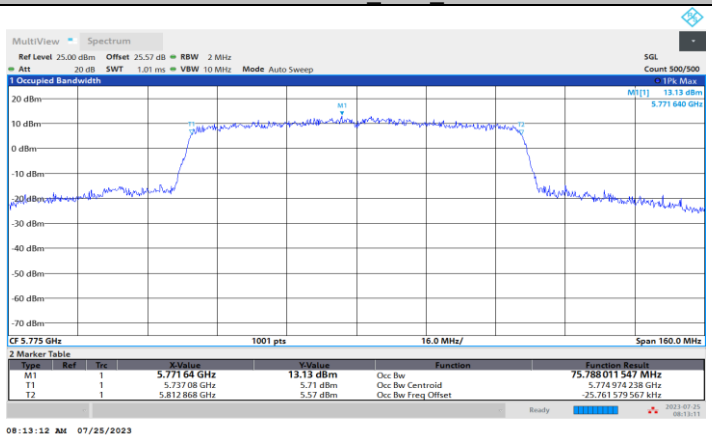
11N40MIMO_Ant2_5795



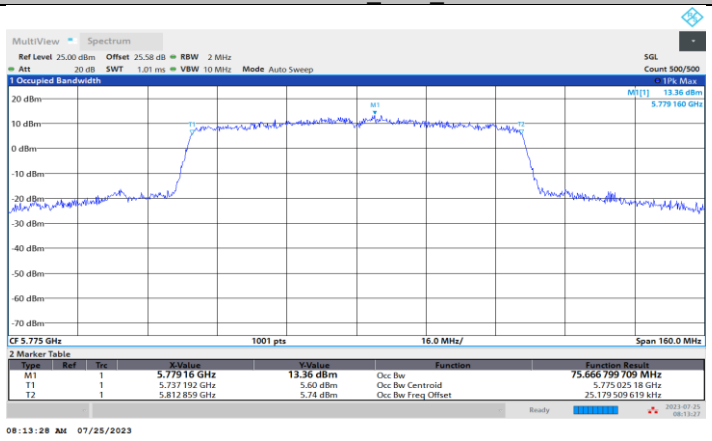
11AC80MIMO_Ant1_5210



11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



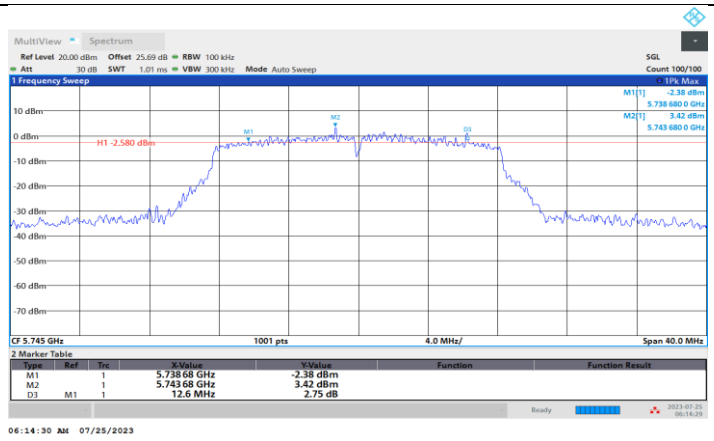
11AC80MIMO_Ant2_5775

11.3. APPENDIX A3: MIN EMISSION BANDWIDTH

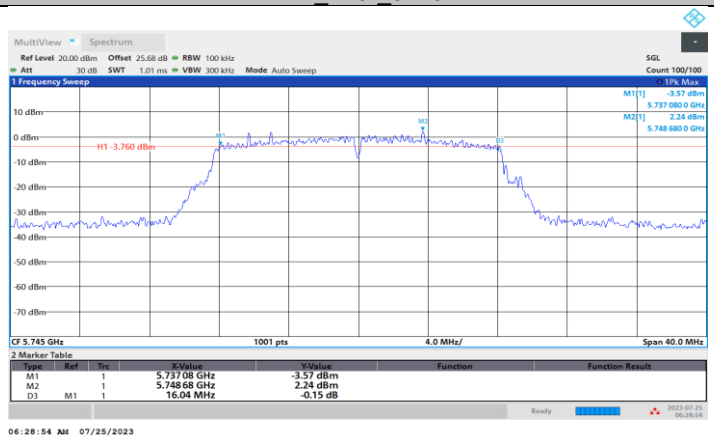
11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	12.60	5738.68	5751.28	≥0.5	PASS
	Ant2	5745	16.04	5737.08	5753.12	≥0.5	PASS
	Ant1	5785	15.12	5777.40	5792.52	≥0.5	PASS
	Ant2	5785	15.68	5777.20	5792.88	≥0.5	PASS
	Ant1	5825	14.40	5818.08	5832.48	≥0.5	PASS
	Ant2	5825	15.36	5817.16	5832.52	≥0.5	PASS
11N20MIMO	Ant1	5745	16.04	5736.80	5752.84	≥0.5	PASS
	Ant2	5745	15.08	5737.40	5752.48	≥0.5	PASS
	Ant1	5785	15.12	5777.40	5792.52	≥0.5	PASS
	Ant2	5785	15.68	5777.40	5793.08	≥0.5	PASS
	Ant1	5825	15.12	5817.40	5832.52	≥0.5	PASS
	Ant2	5825	15.12	5817.40	5832.52	≥0.5	PASS
11N40MIMO	Ant1	5755	35.04	5737.48	5772.52	≥0.5	PASS
	Ant2	5755	35.12	5737.48	5772.60	≥0.5	PASS
	Ant1	5795	35.12	5777.48	5812.60	≥0.5	PASS
	Ant2	5795	32.56	5777.48	5810.04	≥0.5	PASS
11AC80MIMO	Ant1	5775	73.92	5738.68	5812.60	≥0.5	PASS
	Ant2	5775	75.20	5737.40	5812.60	≥0.5	PASS

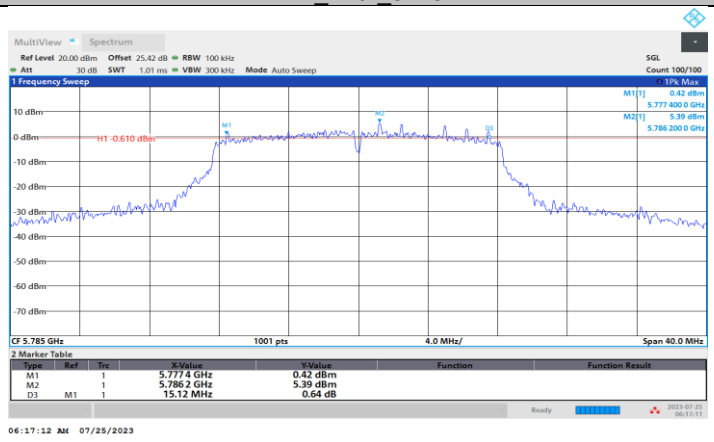
11.3.2. Test Graphs



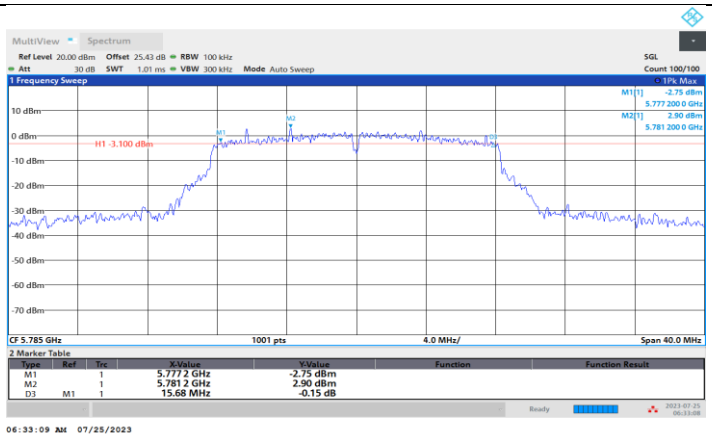
11A_Ant1_5745



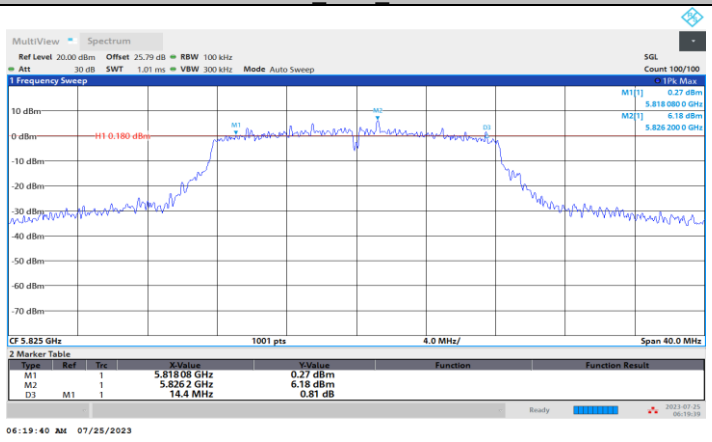
11A_Ant2_5745



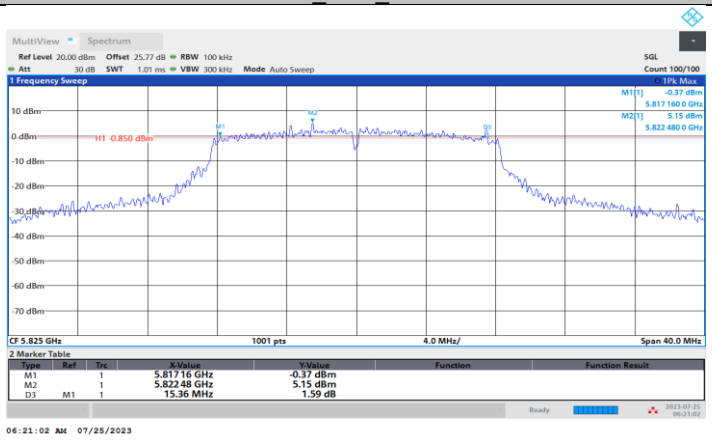
11A_Ant1_5785



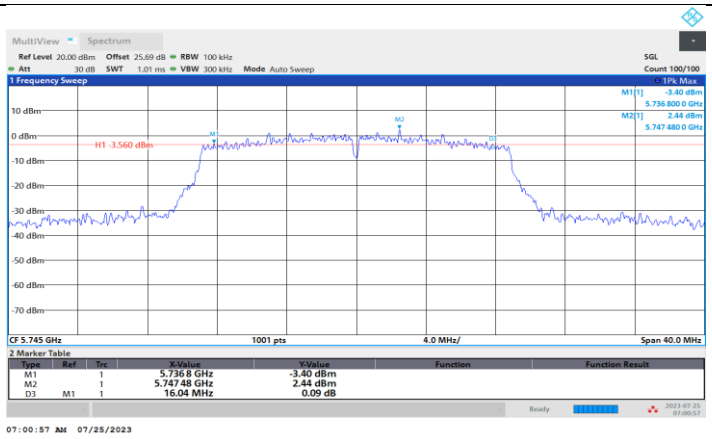
11A_Ant2_5785



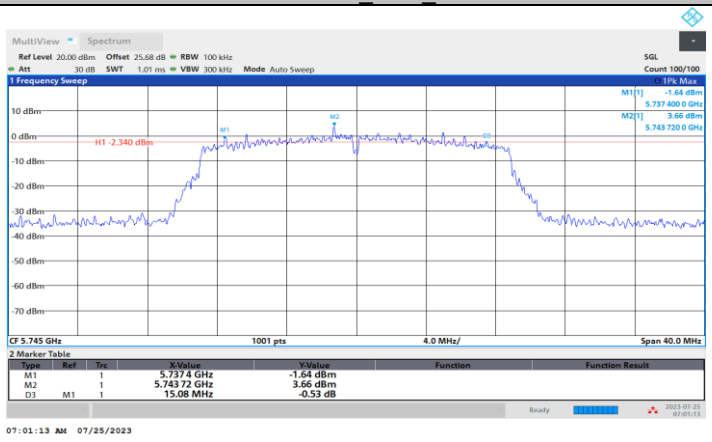
11A_Ant1_5825



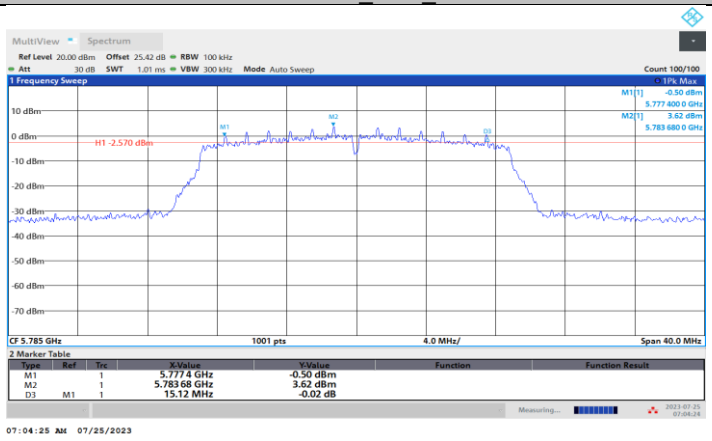
11A_Ant2_5825



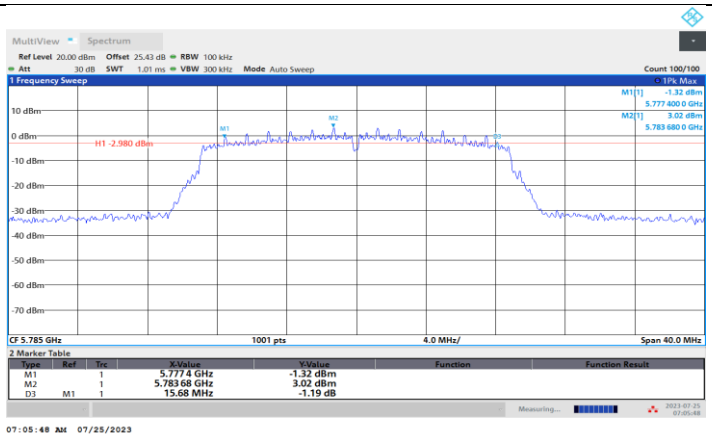
11N20MIMO_Ant1_5745



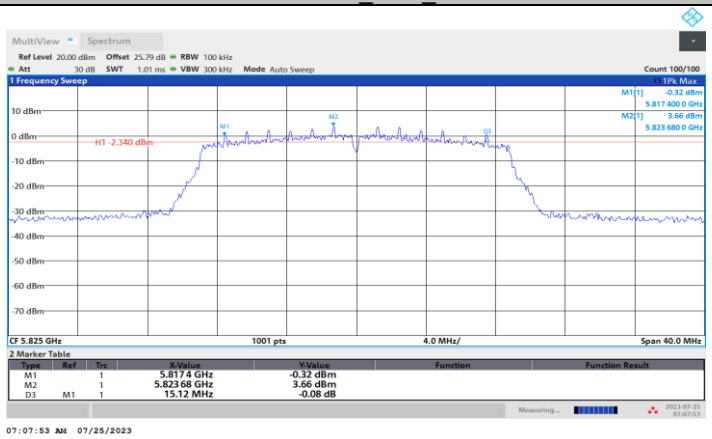
11N20MIMO_Ant2_5745



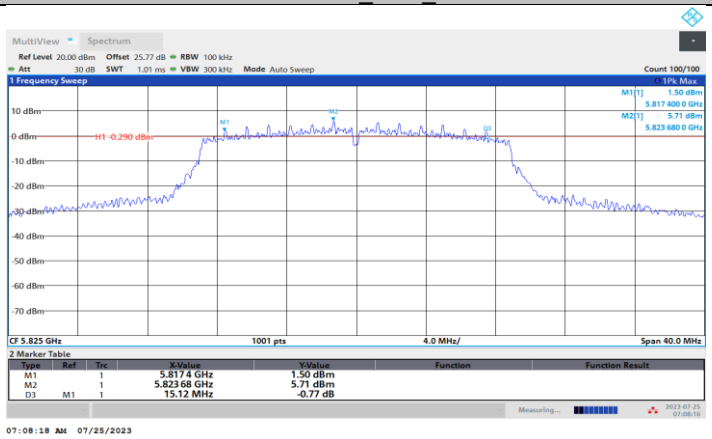
11N20MIMO_Ant1_5785



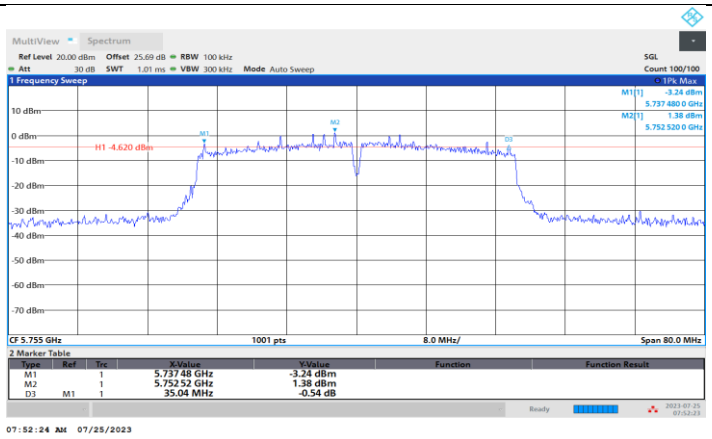
11N20MIMO_Ant2_5785



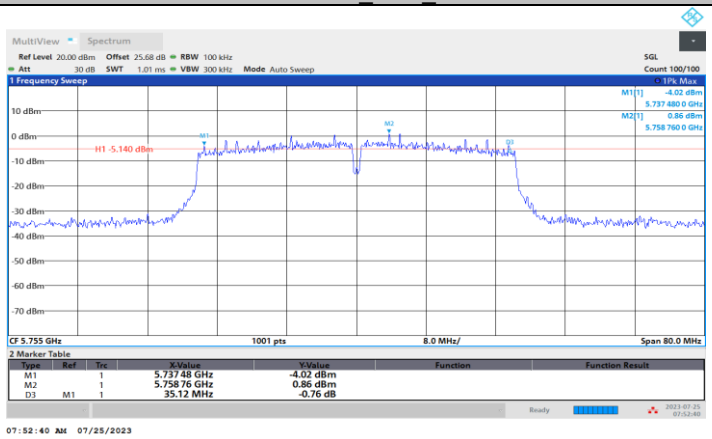
11N20MIMO_Ant1_5825



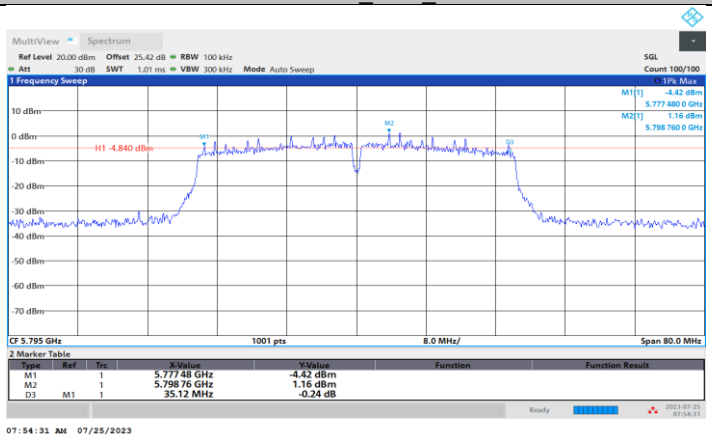
11N20MIMO_Ant2_5825



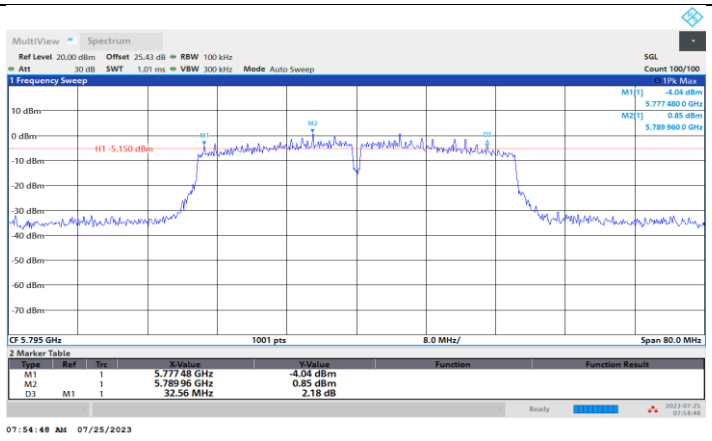
11N40MIMO_Ant1_5755



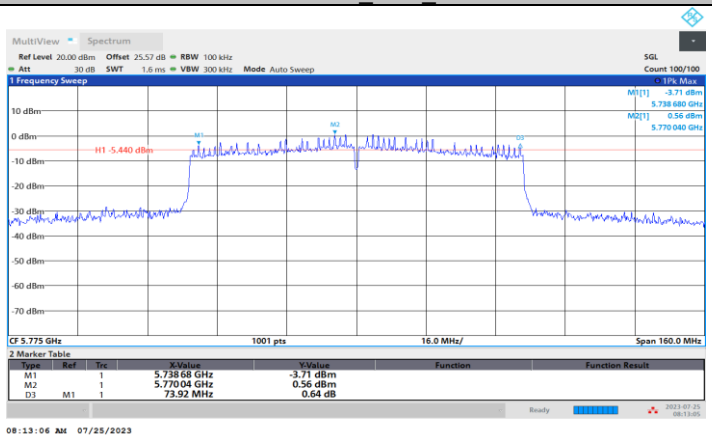
11N40MIMO_Ant2_5755



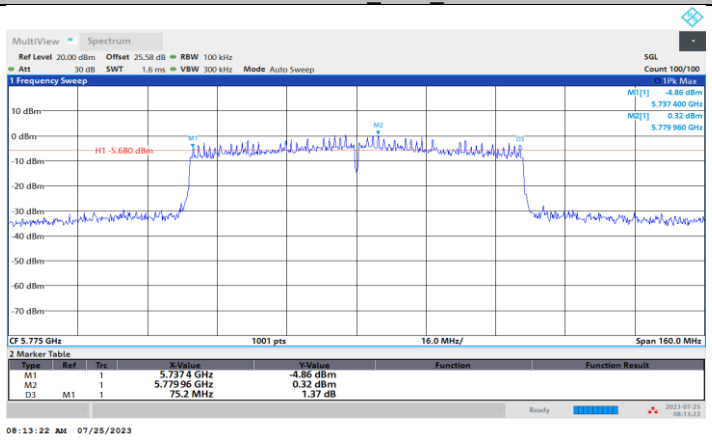
11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

11.4. APPENDIX B: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	7.77	≤29.38	---	14.39	≤22.33	PASS
	Ant2	5180	8.20	≤29.38	---	14.82	≤22.33	PASS
	Ant1	5200	7.35	≤29.38	---	13.97	≤22.34	PASS
	Ant2	5200	8.50	≤29.38	---	15.12	≤22.34	PASS
	Ant1	5240	7.38	≤29.38	---	14.00	≤22.34	PASS
	Ant2	5240	7.63	≤29.38	---	14.25	≤22.33	PASS
	Ant1	5745	7.46	≤29.38	≤29.38	14.08	---	PASS
	Ant2	5745	7.58	≤29.38	≤29.38	14.20	---	PASS
	Ant1	5785	7.35	≤29.38	≤29.38	13.97	---	PASS
	Ant2	5785	7.52	≤29.38	≤29.38	14.14	---	PASS
	Ant1	5825	8.27	≤29.38	≤29.38	14.89	---	PASS
	Ant2	5825	8.98	≤29.38	≤29.38	15.60	---	PASS
11N20MIMO	Ant1	5180	6.60	≤29.38	---	13.22	≤22.55	PASS
	Ant2	5180	7.24	≤29.38	---	13.86	≤22.51	PASS
	total	5180	9.94	≤29.38	---	16.56	≤22.51	PASS
	Ant1	5200	6.91	≤29.38	---	13.53	≤22.54	PASS
	Ant2	5200	7.47	≤29.38	---	14.09	≤22.49	PASS
	total	5200	10.21	≤29.38	---	16.83	≤22.49	PASS
	Ant1	5240	6.83	≤29.38	---	13.45	≤22.55	PASS
	Ant2	5240	6.79	≤29.38	---	13.41	≤22.49	PASS
	total	5240	9.82	≤29.38	---	16.44	≤22.49	PASS
	Ant1	5745	8.52	≤29.38	≤29.38	15.14	---	PASS
	Ant2	5745	8.25	≤29.38	≤29.38	14.87	---	PASS
	total	5745	11.40	≤29.38	≤29.38	18.02	---	PASS
	Ant1	5785	8.52	≤29.38	≤29.38	15.14	---	PASS
	Ant2	5785	8.43	≤29.38	≤29.38	15.05	---	PASS
	total	5785	11.49	≤29.38	≤29.38	18.11	---	PASS
	Ant1	5825	8.27	≤29.38	≤29.38	14.89	---	PASS
	Ant2	5825	9.85	≤29.38	≤29.38	17.37	---	PASS
	total	5825	12.14	≤29.38	≤29.38	19.31	---	PASS
11N40MIMO	Ant1	5190	9.49	≤29.38	---	16.11	≤23.00	PASS
	Ant2	5190	10.14	≤29.38	---	16.76	≤23.00	PASS
	total	5190	12.84	≤29.38	---	19.46	≤23.00	PASS
	Ant1	5230	9.86	≤29.38	---	16.48	≤23.00	PASS
	Ant2	5230	9.85	≤29.38	---	16.47	≤23.00	PASS
	total	5230	12.87	≤29.38	---	19.49	≤23.00	PASS
	Ant1	5755	9.14	≤29.38	≤29.38	15.76	---	PASS
	Ant2	5755	9.03	≤29.38	≤29.38	15.65	---	PASS
	total	5755	12.10	≤29.38	≤29.38	18.72	---	PASS
	Ant1	5795	10.11	≤29.38	≤29.38	16.73	---	PASS
	Ant2	5795	10.04	≤29.38	≤29.38	16.66	---	PASS
	total	5795	13.09	≤29.38	≤29.38	19.71	---	PASS
11AC80MIMO	Ant1	5210	12.85	≤29.38	---	19.47	≤23.00	PASS
	Ant2	5210	13.36	≤29.38	---	19.98	≤23.00	PASS
	total	5210	16.12	≤29.38	---	22.74	≤23.00	PASS
	Ant1	5775	12.76	≤29.38	≤29.38	19.38	---	PASS
	Ant2	5775	12.51	≤29.38	≤29.38	19.13	---	PASS
	total	5775	15.65	≤29.38	≤29.38	22.27	---	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.

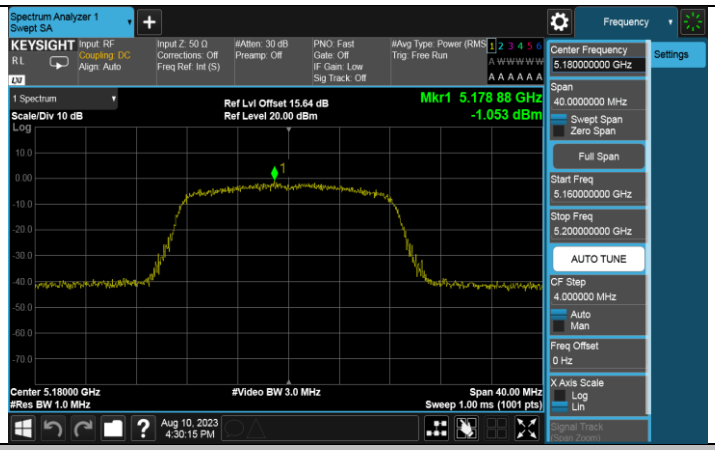
11.5. APPENDIX C: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

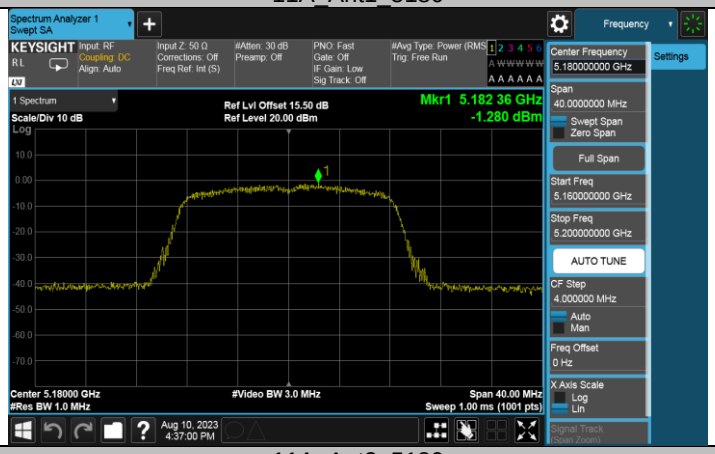
Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-1.05	≤16.38	5.57	≤10.00	PASS
	Ant2	5180	-1.28	≤16.38	5.34	≤10.00	PASS
	Ant1	5200	-1.26	≤16.38	5.36	≤10.00	PASS
	Ant2	5200	-0.88	≤16.38	5.74	≤10.00	PASS
	Ant1	5240	-2.14	≤16.38	4.48	≤10.00	PASS
	Ant2	5240	-1.73	≤16.38	4.89	≤10.00	PASS
	Ant1	5745	-5.44	≤29.38	1.18	---	PASS
	Ant2	5745	-5.22	≤29.38	1.40	---	PASS
	Ant1	5785	-4.92	≤29.38	1.70	---	PASS
	Ant2	5785	-5.4	≤29.38	1.22	---	PASS
	Ant1	5825	-3.9	≤29.38	2.72	---	PASS
	Ant2	5825	-3.32	≤29.38	3.30	---	PASS
11N20MIMO	Ant1	5180	-3.77	≤13.37	5.86	≤10.00	PASS
	Ant2	5180	-3.25	≤13.37	6.38	≤10.00	PASS
	total	5180	-0.49	≤13.37	9.14	≤10.00	PASS
	Ant1	5200	-3.54	≤13.37	6.09	≤10.00	PASS
	Ant2	5200	-2.91	≤13.37	6.72	≤10.00	PASS
	total	5200	-0.20	≤13.37	9.43	≤10.00	PASS
	Ant1	5240	-3.53	≤13.37	6.10	≤10.00	PASS
	Ant2	5240	-3.62	≤13.37	6.01	≤10.00	PASS
	total	5240	-0.56	≤13.37	9.07	≤10.00	PASS
	Ant1	5745	-4.78	≤26.37	4.85	---	PASS
	Ant2	5745	-5.02	≤26.37	4.61	---	PASS
	total	5745	-1.89	≤26.37	7.74	---	PASS
	Ant1	5785	-4.37	≤26.37	5.26	---	PASS
	Ant2	5785	-4.4	≤26.37	5.23	---	PASS
	total	5785	-1.37	≤26.37	8.26	---	PASS
	Ant1	5825	-4.86	≤26.37	4.77	---	PASS
	Ant2	5825	-1.68	≤26.37	7.95	---	PASS
	total	5825	0.03	≤26.37	9.66	---	PASS
11N40MIMO	Ant1	5190	-3.96	≤13.37	5.67	≤10.00	PASS
	Ant2	5190	-3.19	≤13.37	6.44	≤10.00	PASS
	total	5190	-0.55	≤13.37	9.08	≤10.00	PASS
	Ant1	5230	-3.35	≤13.37	6.28	≤10.00	PASS
	Ant2	5230	-3.47	≤13.37	6.16	≤10.00	PASS
	total	5230	-0.40	≤13.37	9.23	≤10.00	PASS
	Ant1	5755	-6.57	≤26.37	3.06	---	PASS
	Ant2	5755	-6.74	≤26.37	2.89	---	PASS
	total	5755	-3.64	≤26.37	5.99	---	PASS
	Ant1	5795	-7.26	≤26.37	2.37	---	PASS
	Ant2	5795	-6.37	≤26.37	3.26	---	PASS
	total	5795	-3.78	≤26.37	5.85	---	PASS
11AC80MIMO	Ant1	5210	-3.53	≤13.37	6.10	≤10.00	PASS
	Ant2	5210	-3.20	≤13.37	6.43	≤10.00	PASS
	total	5210	-0.35	≤13.37	9.28	≤10.00	PASS
	Ant1	5775	-6.33	≤26.37	3.30	---	PASS
	Ant2	5775	-6.27	≤26.37	3.36	---	PASS
	total	5775	-3.29	≤26.37	6.34	---	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.

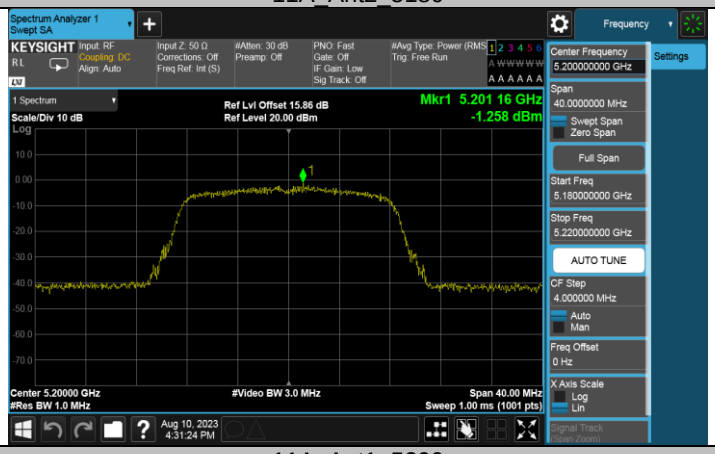
11.5.2. Test Graphs



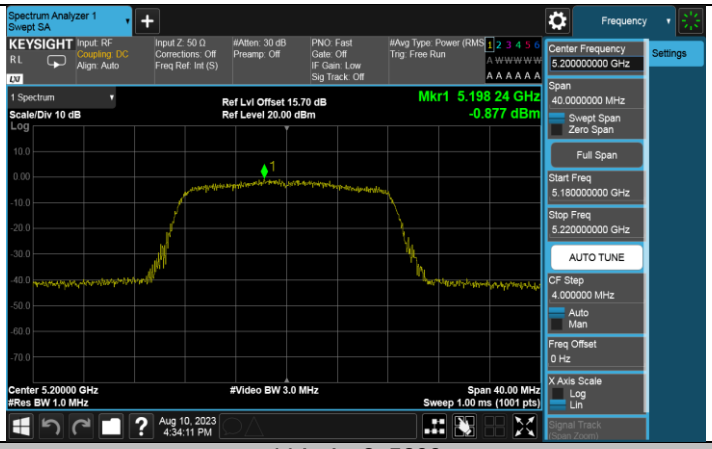
11A_Ant1_5180



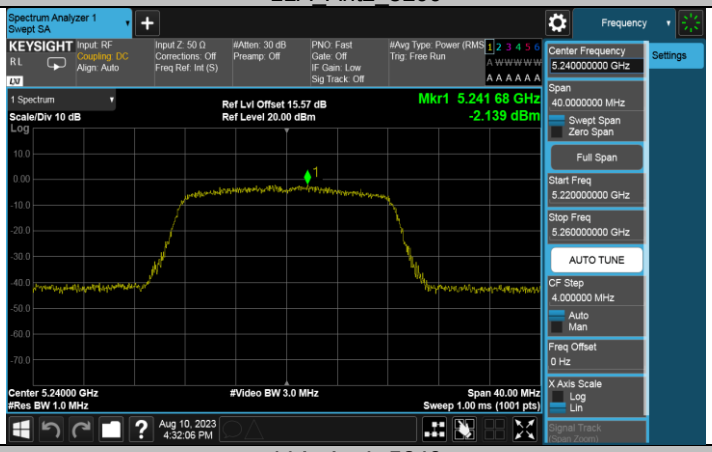
11A_Ant2_5180



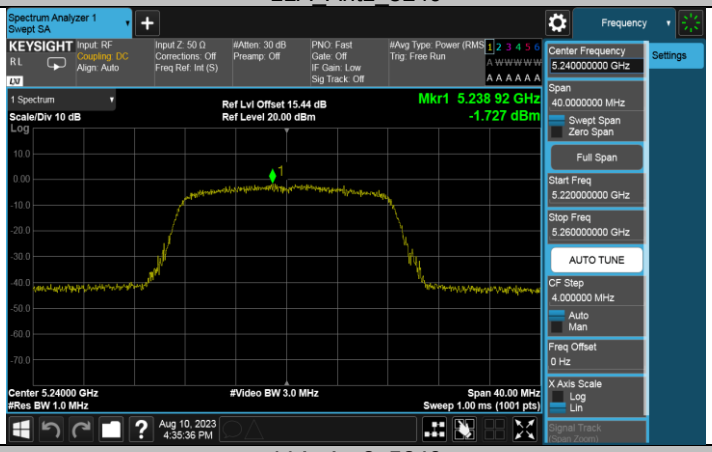
11A_Ant1_5200



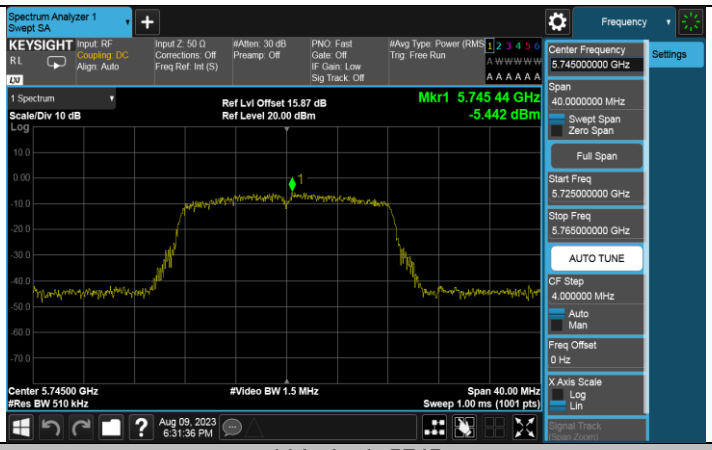
11A_Ant2_5200



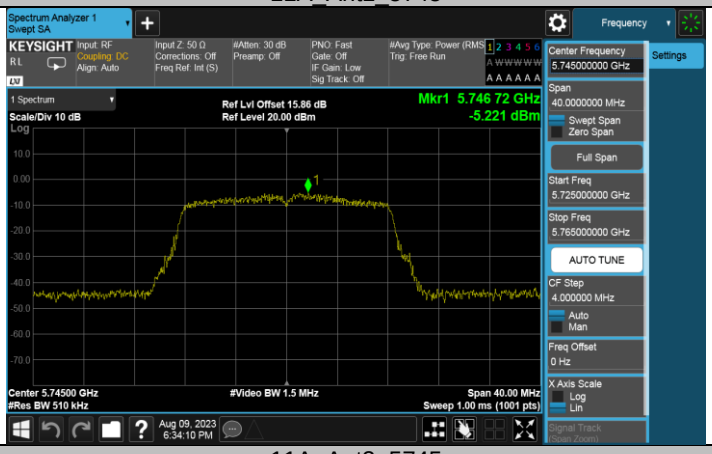
11A_Ant1_5240



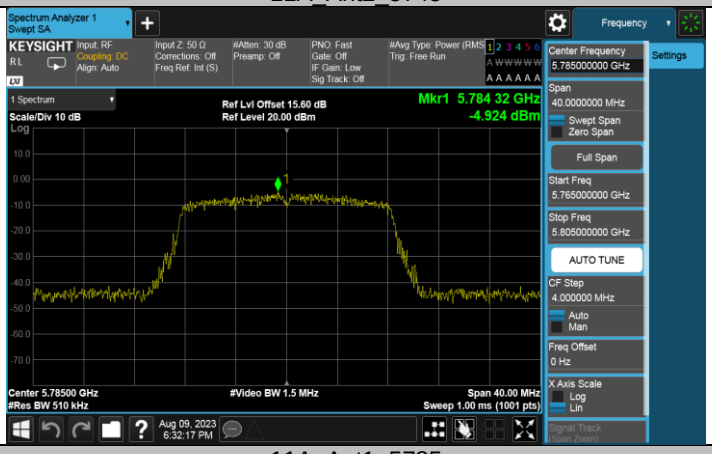
11A_Ant2_5240



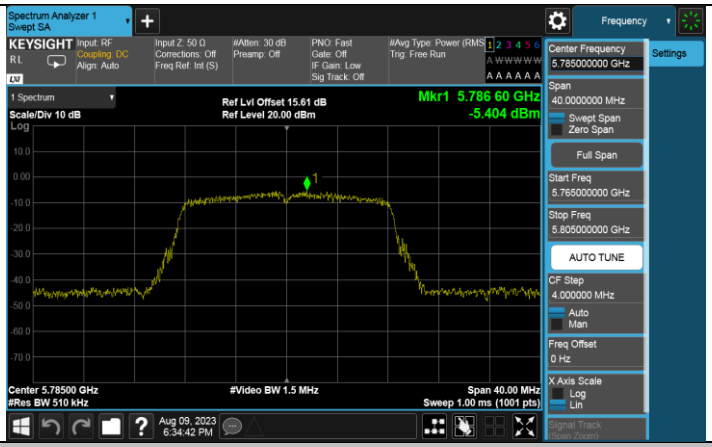
11A_Ant1_5745



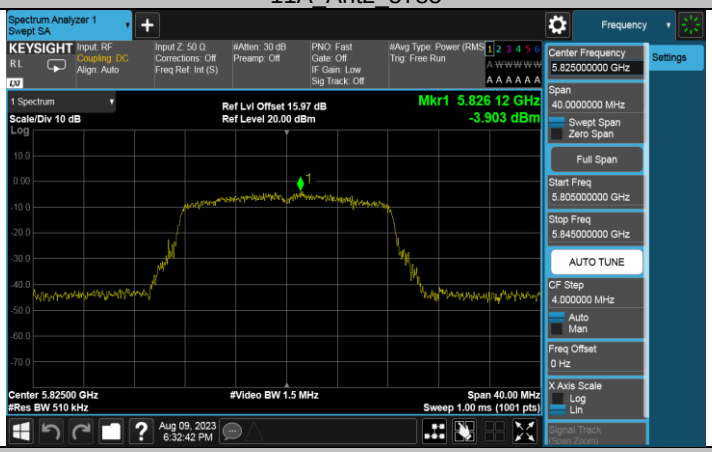
11A_Ant2_5745



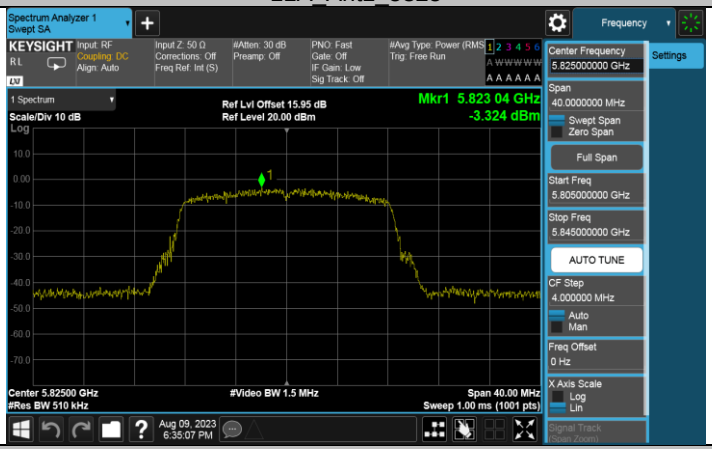
11A_Ant1_5785



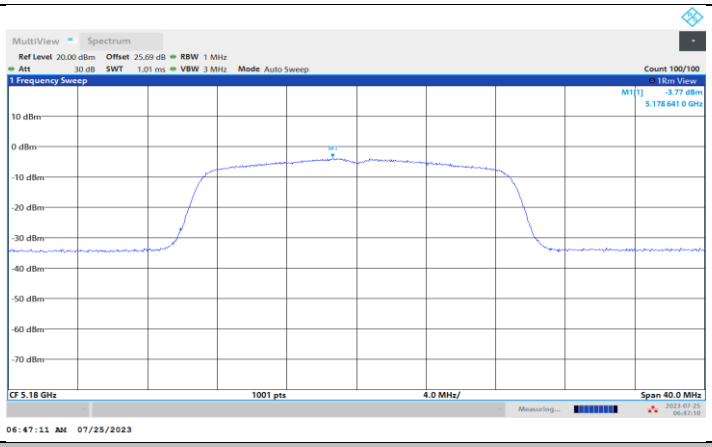
11A_Ant2_5785



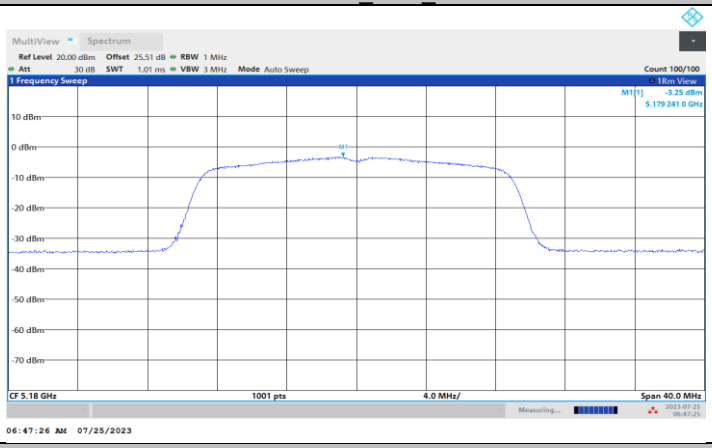
11A_Ant1_5825



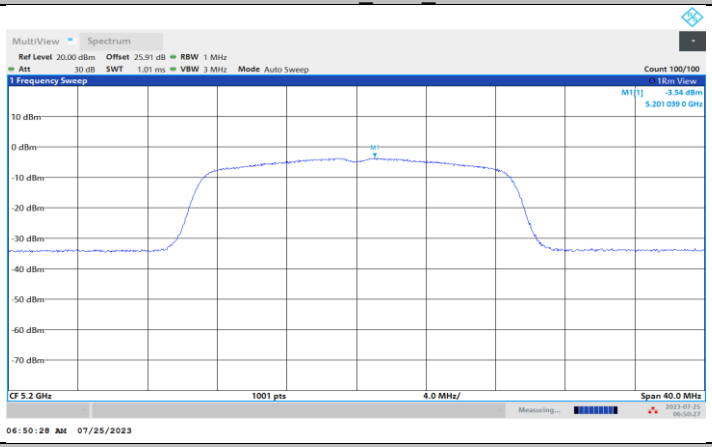
11A_Ant2_5825



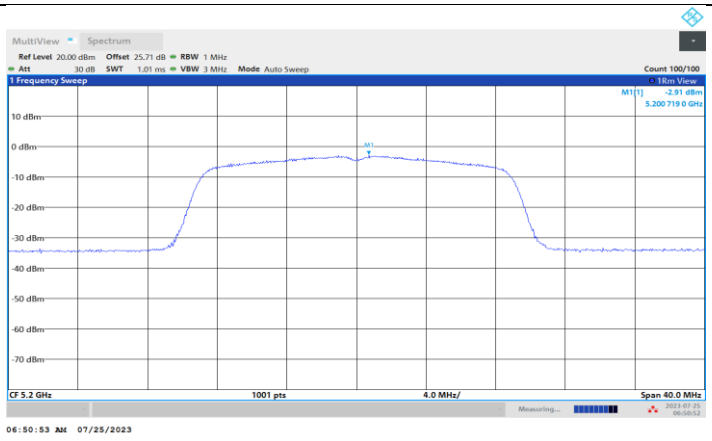
11N20MIMO_Ant1_5180



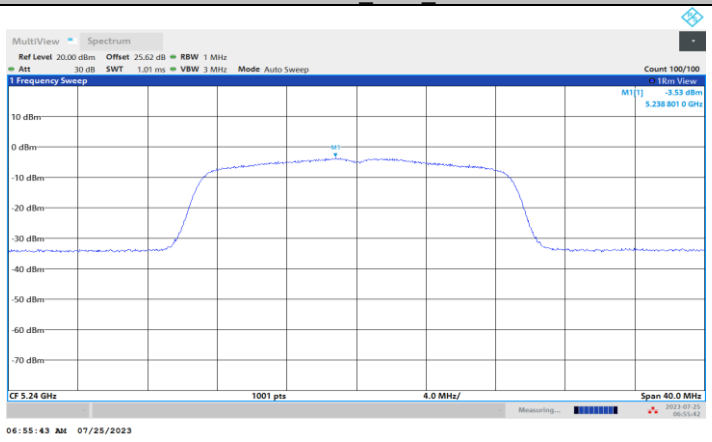
11N20MIMO_Ant2_5180



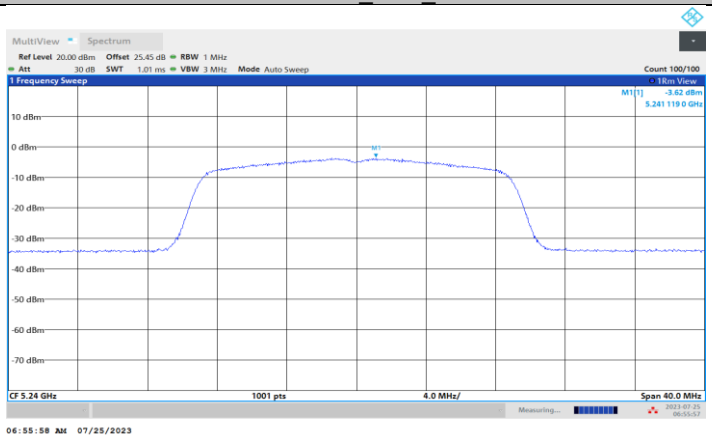
11N20MIMO_Ant1_5200



11N20MIMO_Ant2_5200



11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240