

11A Ant1 5825



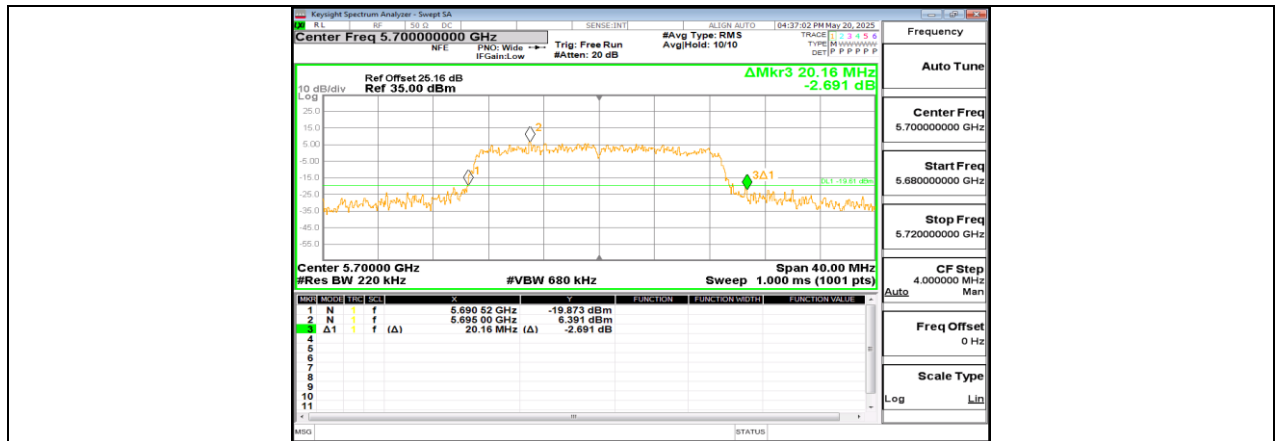
11N20MIMO Ant1 5180



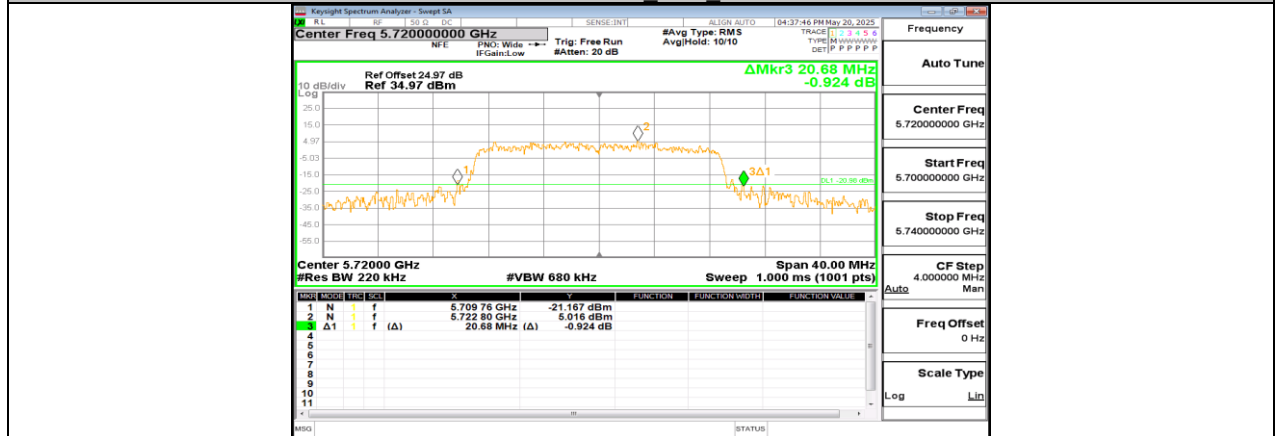
11N20MIMO Ant1 5200







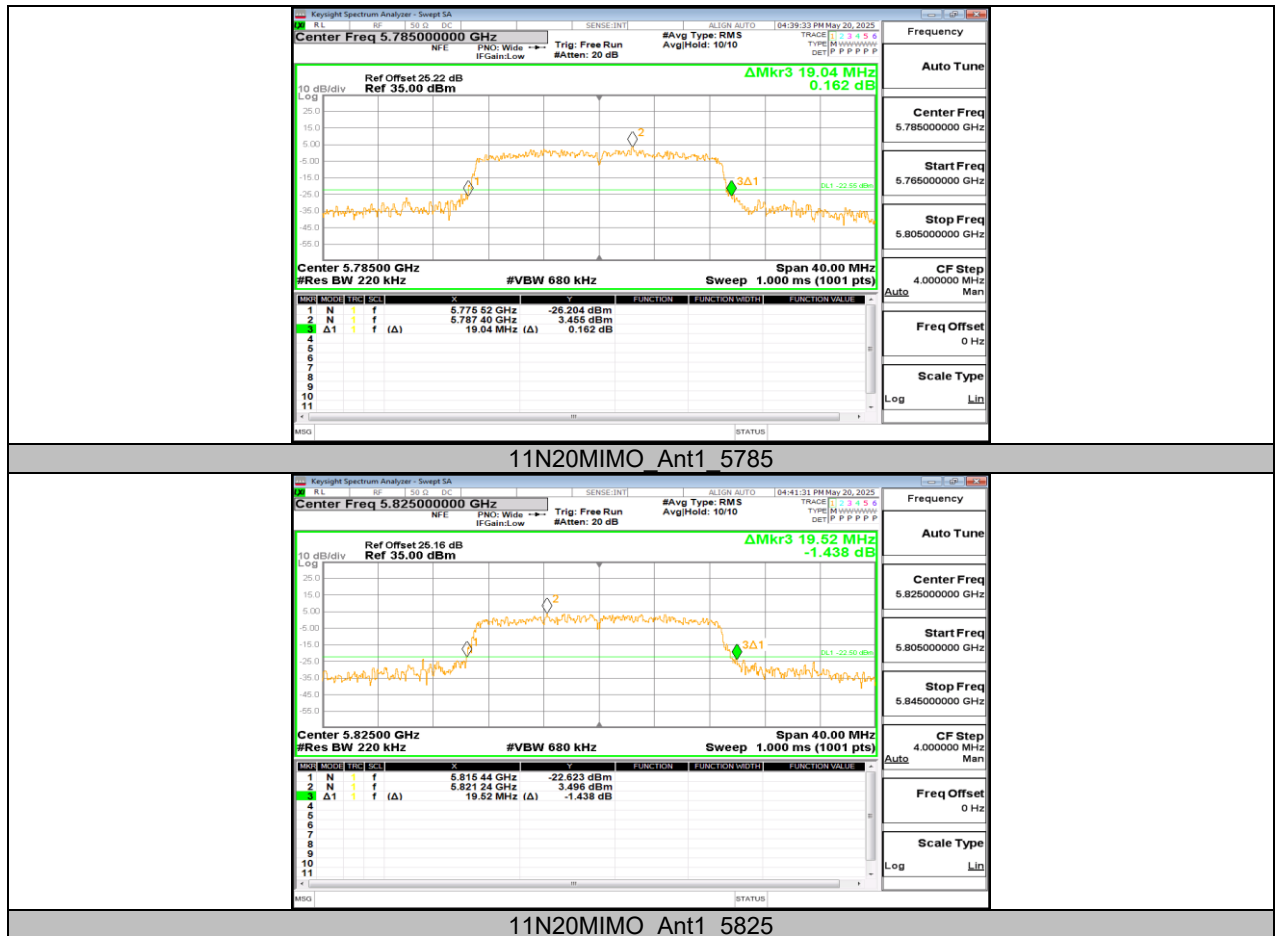
11N20MIMO Ant1 5700



11N20MIMO Ant1 5720



11N20MIMO Ant1 5745



11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	14.107	5174.1278	5188.2348	PASS
		5200	13.971	5194.2098	5208.1808	PASS
		5240	14.194	5234.0702	5248.2642	PASS
		5260	14.073	5254.1431	5268.2161	PASS
		5280	14.148	5274.1048	5288.2528	PASS
		5320	14.051	5314.1432	5328.1942	PASS
		5500	14.145	5494.1338	5508.2788	PASS
		5580	16.532	5571.6609	5588.1929	PASS
		5700	16.497	5691.6604	5708.1574	PASS
		5720	16.540	5711.6307	5728.1707	PASS
		5720_UNII-2C	13.369	5711.6307	5725	PASS
		5720_UNII-3	3.171	5725	5728.1707	PASS
		5745	16.444	5736.6836	5753.1276	PASS
		5785	16.520	5776.6408	5793.1608	PASS
		5825	16.496	5816.6659	5833.1619	PASS
11N20MIMO	Ant1	5180	14.519	5174.1825	5188.7015	PASS
		5200	14.541	5194.1802	5208.7212	PASS
		5240	14.575	5234.1230	5248.6980	PASS
		5260	14.445	5254.2828	5268.7278	PASS
		5280	14.613	5274.1154	5288.7284	PASS
		5320	14.608	5314.1751	5328.7831	PASS
		5500	14.454	5494.2976	5508.7516	PASS
		5580	17.476	5571.2522	5588.7282	PASS
		5700	17.557	5691.1939	5708.7509	PASS
		5720	17.495	5711.2230	5728.7180	PASS
		5720_UNII-2C	13.777	5711.2230	5725	PASS
		5720_UNII-3	3.718	5725	5728.7180	PASS
		5745	17.466	5736.2338	5753.6998	PASS
		5785	17.517	5776.1760	5793.6930	PASS
		5825	17.479	5816.1823	5833.6613	PASS

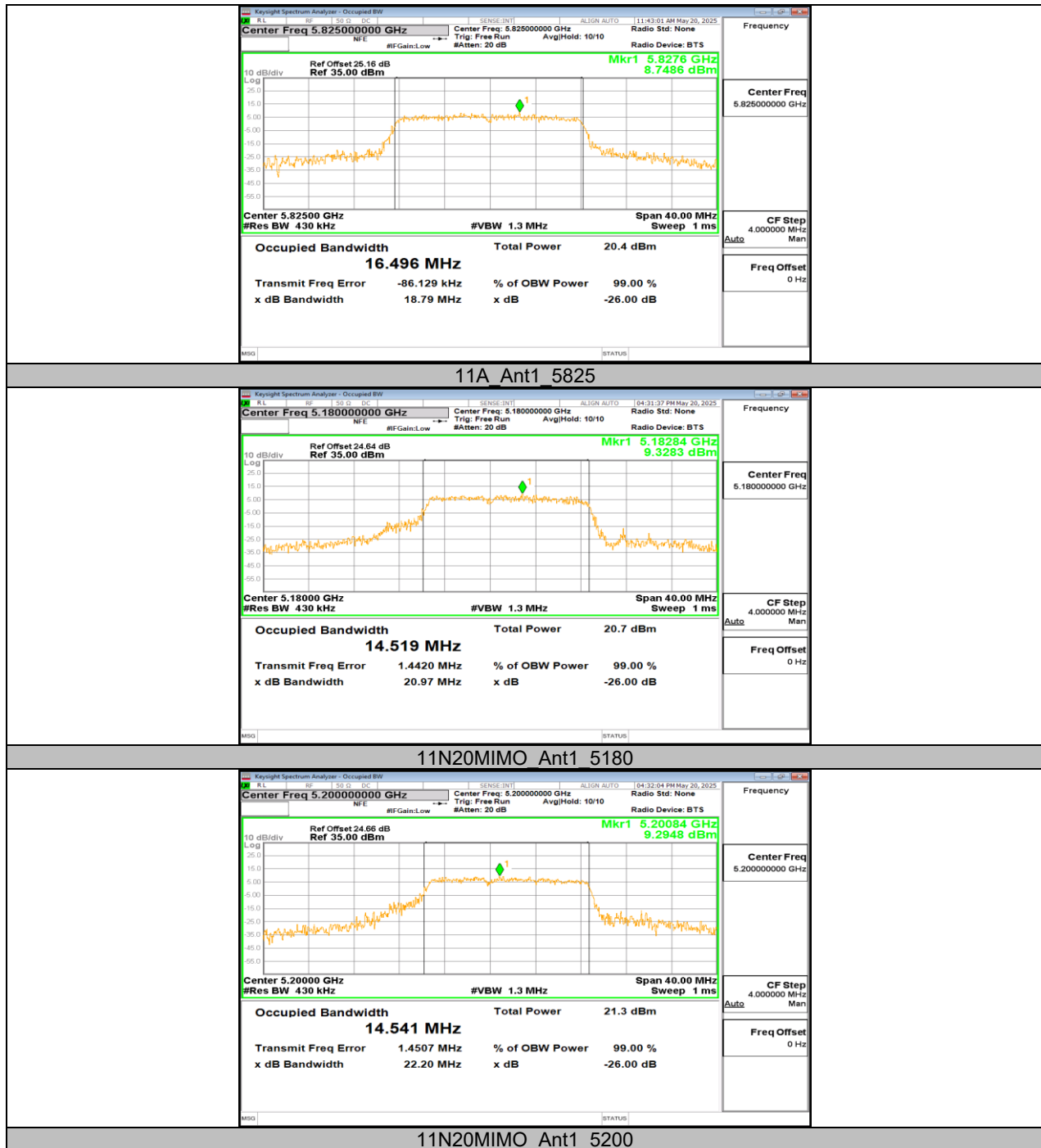
11.2.2. Test Graphs







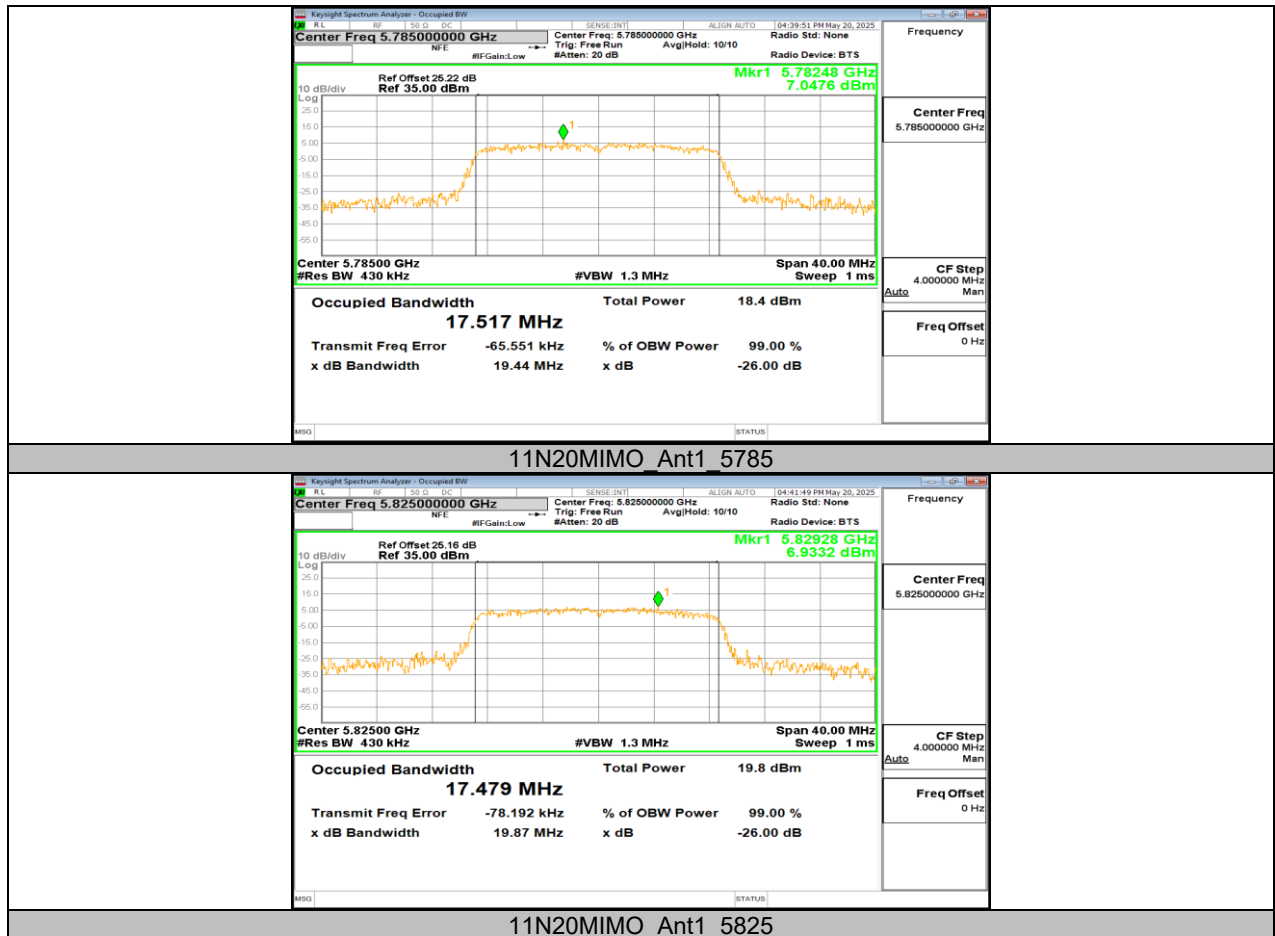












11.3. APPENDIX C: MIN EMISSION BANDWIDTH

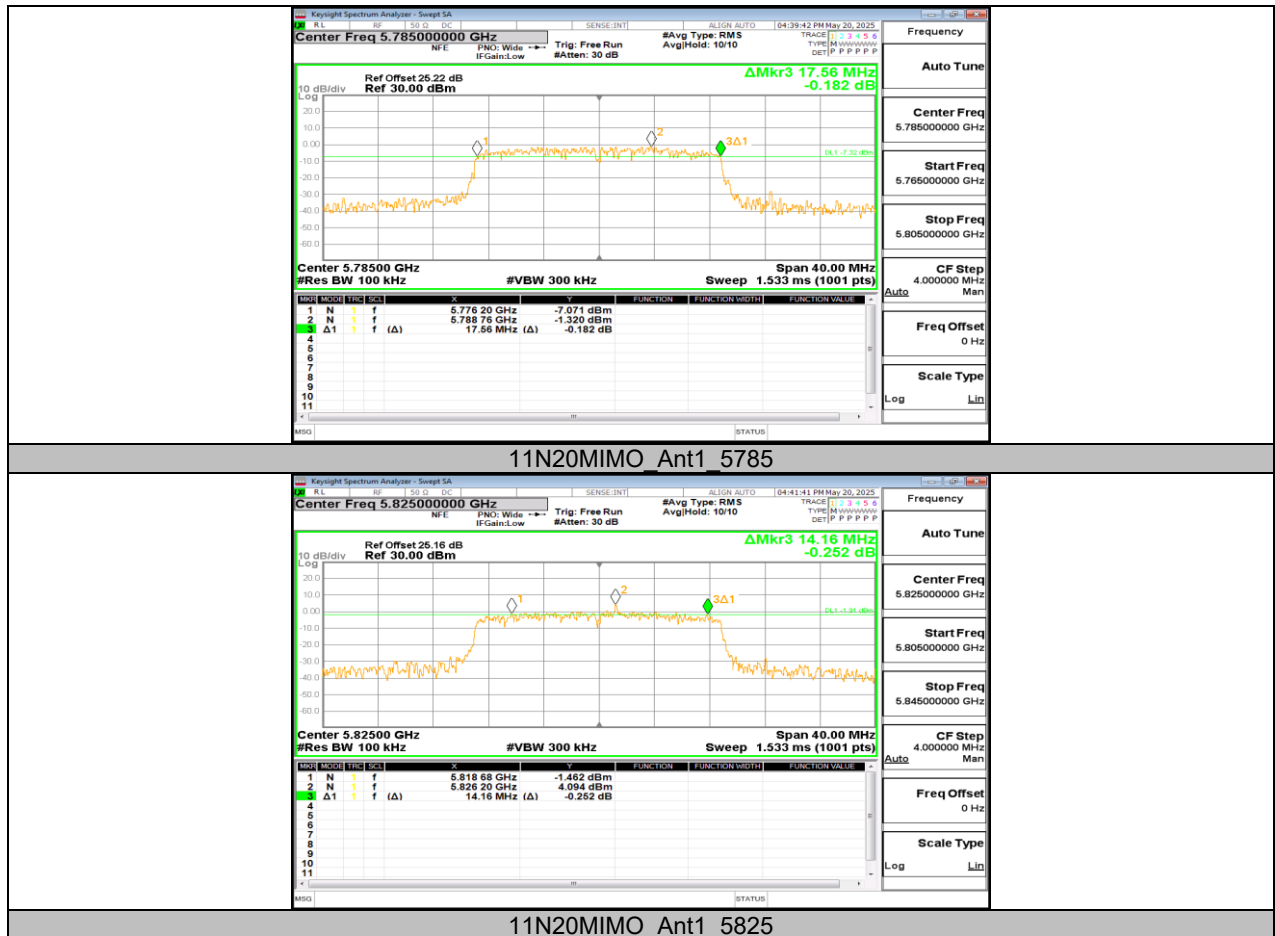
11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720	16.440	5711.680	5728.120	---	---
		5720_UNII-2C	13.32	5711.680	5725	---	---
		5720_UNII-3	3.12	5725	5728.120	≥0.5	PASS
		5745	12.920	5737.400	5750.320	≥0.5	PASS
		5785	16.320	5776.760	5793.080	≥0.5	PASS
		5825	16.320	5816.760	5833.080	≥0.5	PASS
11N20MIMO	Ant1	5720	16.600	5711.520	5728.120	---	---
		5720_UNII-2C	13.48	5711.520	5725	---	---
		5720_UNII-3	3.12	5725	5728.120	≥0.5	PASS
		5745	16.960	5736.520	5753.480	≥0.5	PASS
		5785	17.560	5776.200	5793.760	≥0.5	PASS
		5825	14.160	5818.680	5832.840	≥0.5	PASS

11.3.2. Test Graphs







11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

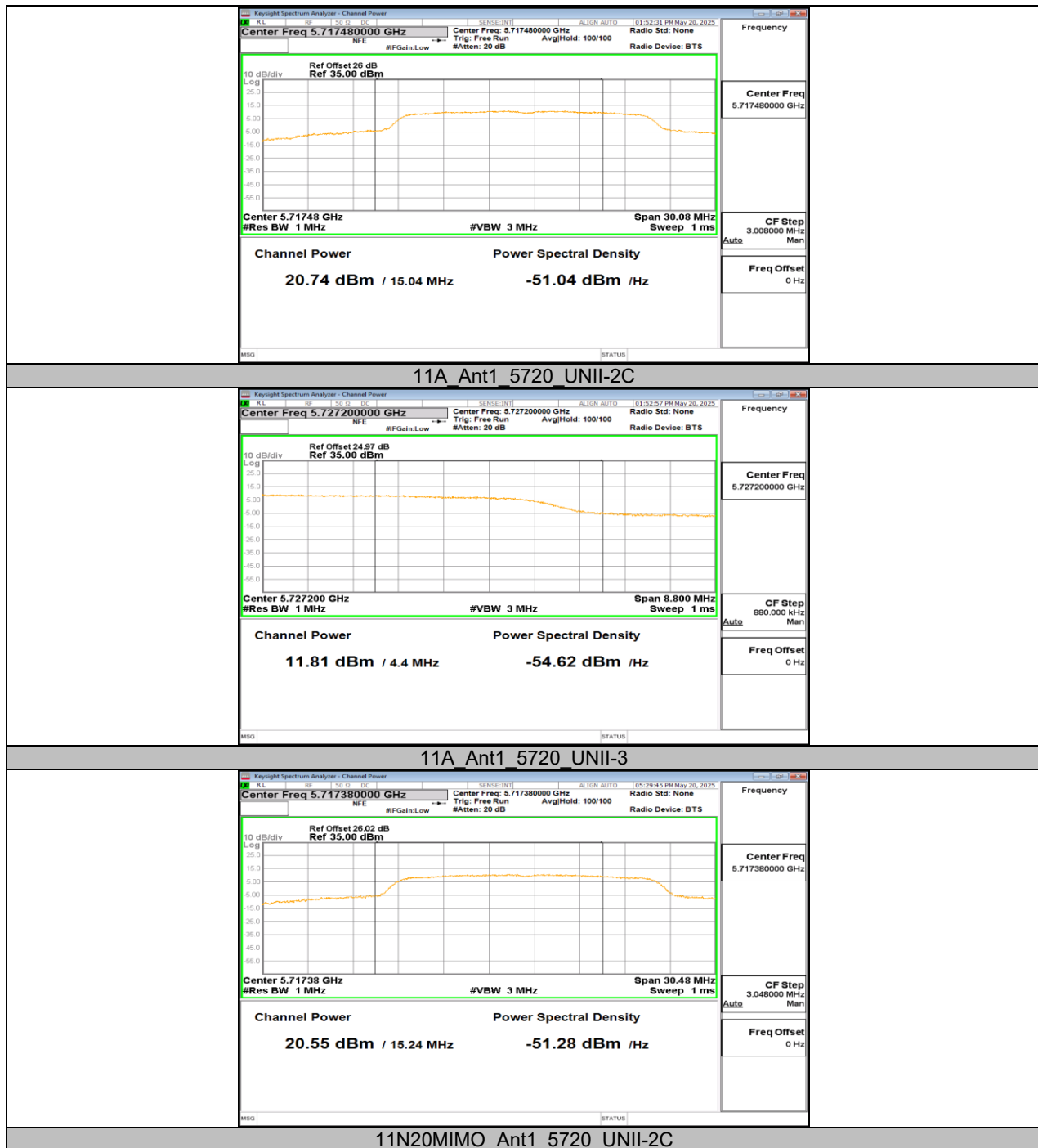
11.4.1. Test Result

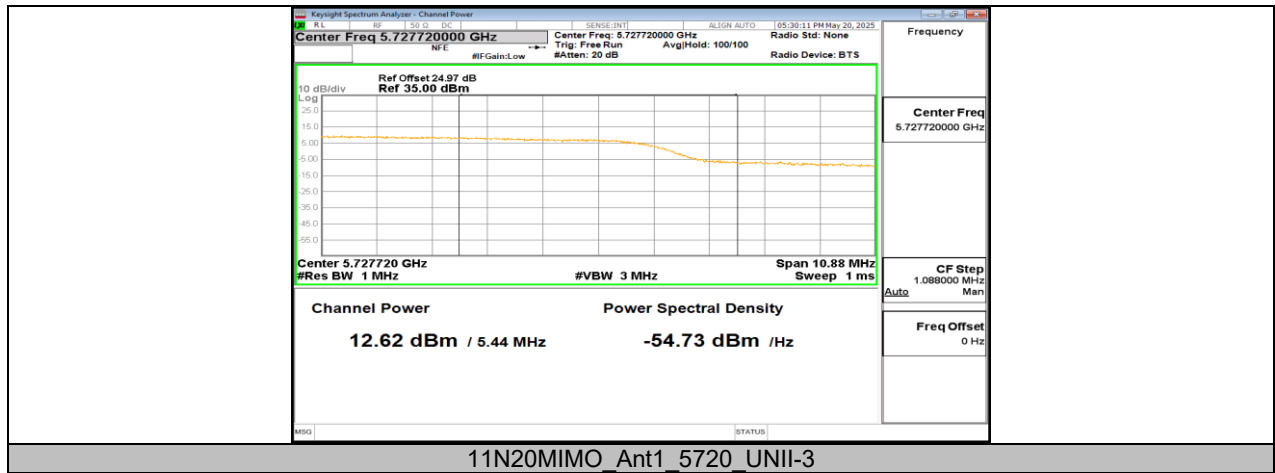
Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	Verdict
11A	Ant1	5180	19.80	≤23.98	PASS
		5200	20.66	≤23.98	PASS
		5240	20.24	≤23.98	PASS
		5260	20.10	≤23.58	PASS
		5280	20.05	≤23.56	PASS
		5320	19.23	≤23.73	PASS
		5500	17.32	≤23.68	PASS
		5580	20.83	≤23.72	PASS
		5700	18.29	≤23.71	PASS
		5720 UNII-2C	20.74	≤22.77	PASS
		5720 UNII-3	11.81	≤30.00	PASS
		5745	21.19	≤30.00	PASS
		5785	20.82	≤30.00	PASS
		5825	20.38	≤30.00	PASS
11N20MIMO	Ant1	5180	20.29	≤23.98	PASS
		5200	20.50	≤23.98	PASS
		5240	20.33	≤23.98	PASS
		5260	20.58	≤23.53	PASS
		5280	20.62	≤23.68	PASS
		5320	19.39	≤23.81	PASS
		5500	16.82	≤23.60	PASS
		5580	21.01	≤23.89	PASS
		5700	17.84	≤23.98	PASS
		5720 UNII-2C	20.55	≤22.83	PASS
		5720 UNII-3	12.62	≤30.00	PASS
		5745	21.94	≤30.00	PASS
		5785	22.04	≤30.00	PASS
		5825	21.57	≤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.

11.4.2. Test Graphs





11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	10.13	≤11.00	PASS
		5200	10.91	≤11.00	PASS
		5240	10.59	≤11.00	PASS
		5260	10.42	≤11.00	PASS
		5280	10.22	≤11.00	PASS
		5320	9.40	≤11.00	PASS
		5500	7.78	≤11.00	PASS
		5580	10.57	≤11.00	PASS
		5700	7.85	≤11.00	PASS
		5720 UNII-2C	10.52	≤11.00	PASS
		5720 UNII-3	5.98	≤30.00	PASS
		5745	7.80	≤30.00	PASS
		5785	7.87	≤30.00	PASS
		5825	7.33	≤30.00	PASS
11N20MIMO	Ant1	5180	10.44	≤11.00	PASS
		5200	10.67	≤11.00	PASS
		5240	10.48	≤11.00	PASS
		5260	10.46	≤11.00	PASS
		5280	10.61	≤11.00	PASS
		5320	9.79	≤11.00	PASS
		5500	6.80	≤11.00	PASS
		5580	10.52	≤11.00	PASS
		5700	6.63	≤11.00	PASS
		5720 UNII-2C	10.90	≤11.00	PASS
		5720 UNII-3	6.73	≤30.00	PASS
		5745	8.66	≤30.00	PASS
		5785	8.15	≤30.00	PASS
		5825	8.35	≤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.

11.5.2. Test Graphs

