







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-CDD	Ant1	5745	9.760	5738.720	5748.480	≥0.5	PASS
	Ant2	5745	12.520	5739.440	5751.960	≥0.5	PASS
	Ant1	5785	9.400	5780.680	5790.080	≥0.5	PASS
	Ant2	5785	9.400	5780.480	5789.880	≥0.5	PASS
	Ant1	5825	8.520	5820.720	5829.240	≥0.5	PASS
	Ant2	5825	10.080	5819.440	5829.520	≥0.5	PASS
11N20MIMO	Ant1	5745	13.960	5737.480	5751.440	≥0.5	PASS
	Ant2	5745	9.440	5741.280	5750.720	≥0.5	PASS
	Ant1	5785	13.840	5778.760	5792.600	≥0.5	PASS
	Ant2	5785	15.080	5777.600	5792.680	≥0.5	PASS
	Ant1	5825	12.520	5817.560	5830.080	≥0.5	PASS
	Ant2	5825	12.560	5817.520	5830.080	≥0.5	PASS
11N40MIMO	Ant1	5755	36.080	5736.920	5773.000	≥0.5	PASS
	Ant2	5755	36.320	5736.920	5773.240	≥0.5	PASS
	Ant1	5795	34.400	5778.440	5812.840	≥0.5	PASS
	Ant2	5795	36.320	5776.920	5813.240	≥0.5	PASS
11AC80MIMO	Ant1	5775	75.680	5737.240	5812.920	≥0.5	PASS
	Ant2	5775	75.840	5737.240	5813.080	≥0.5	PASS
11AX20MIMO	Ant1	5745	17.760	5736.680	5754.440	≥0.5	PASS
	Ant2	5745	13.480	5739.400	5752.880	≥0.5	PASS
	Ant1	5785	12.800	5778.680	5791.480	≥0.5	PASS
	Ant2	5785	18.240	5776.280	5794.520	≥0.5	PASS
	Ant1	5825	17.960	5816.360	5834.320	≥0.5	PASS
	Ant2	5825	13.800	5817.520	5831.320	≥0.5	PASS
11AX40MIMO	Ant1	5755	36.720	5736.200	5772.920	≥0.5	PASS
	Ant2	5755	36.640	5736.600	5773.240	≥0.5	PASS
	Ant1	5795	34.480	5777.080	5811.560	≥0.5	PASS
	Ant2	5795	36.320	5776.280	5812.600	≥0.5	PASS
11AX80MIMO	Ant1	5775	76.000	5737.560	5813.560	≥0.5	PASS
	Ant2	5775	76.000	5737.080	5813.080	≥0.5	PASS

11.3.2. Test Graphs





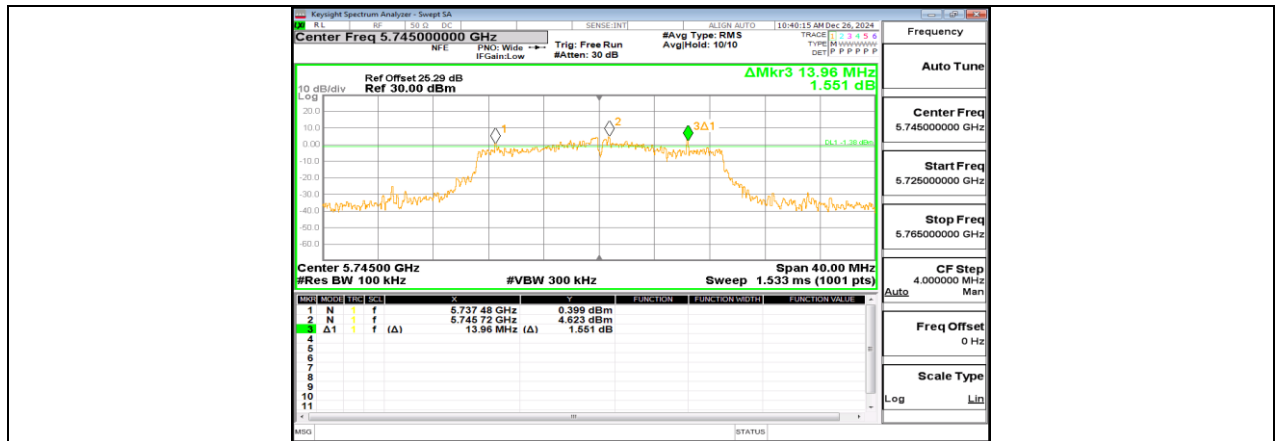
11A-CDD_Ant2_5785



11A-CDD_Ant1_5825



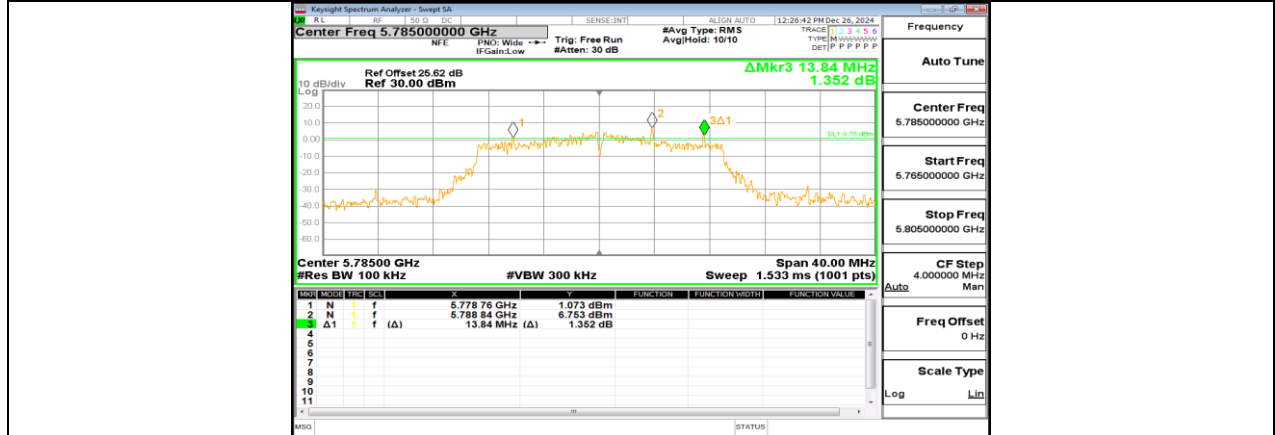
11A-CDD_Ant2_5825



11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



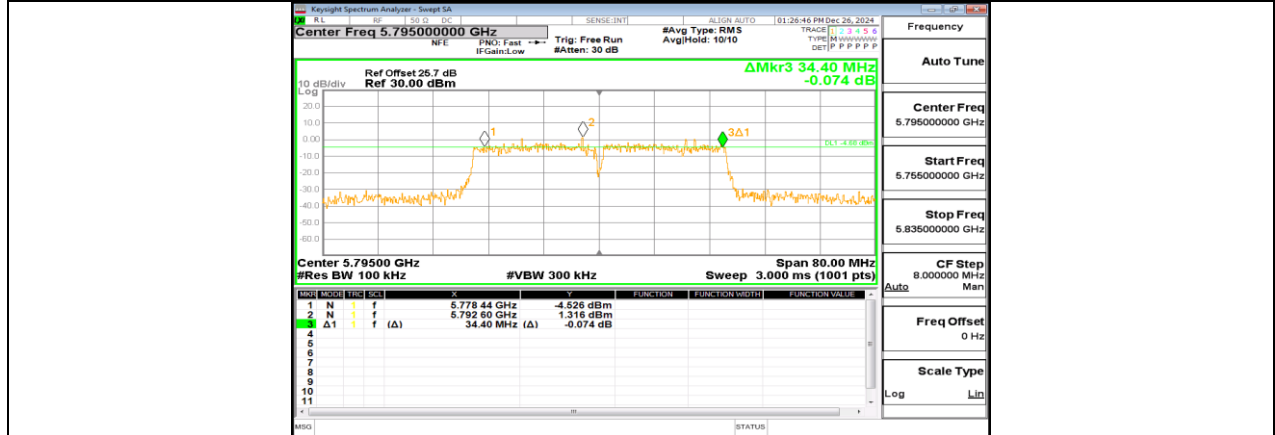
11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795





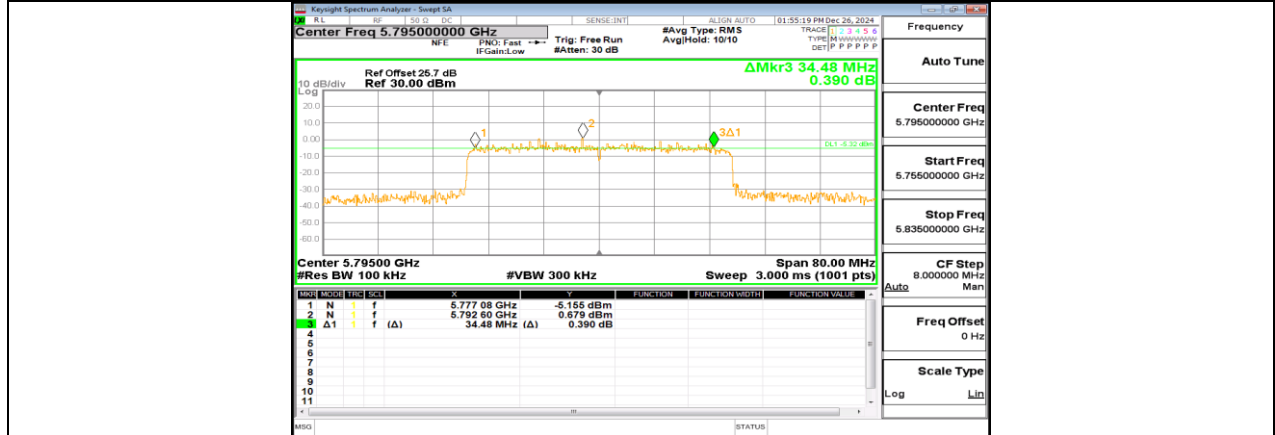




11AX40MIMO_Ant1_5755



11AX40MIMO_Ant2_5755



11AX40MIMO_Ant1_5795



11.4. APPENDIX D: 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-CDD	Ant1	5745	16.43	≤30.00	≤30.00	18.43	---	PASS
	Ant2	5745	16.85	≤30.00	≤30.00	18.35	---	PASS
	total	5745	19.66	≤30.00	≤30.00	21.40	---	PASS
	Ant1	5785	15.75	≤30.00	≤30.00	17.75	---	PASS
	Ant2	5785	16.24	≤30.00	≤30.00	17.74	---	PASS
	total	5785	19.01	≤30.00	≤30.00	20.76	---	PASS
	Ant1	5825	15.88	≤30.00	≤30.00	17.88	---	PASS
	Ant2	5825	16.80	≤30.00	≤30.00	18.30	---	PASS
	total	5825	19.37	≤30.00	≤30.00	21.11	---	PASS
11N20MIMO	Ant1	5745	17.30	≤30.00	≤30.00	19.30	---	PASS
	Ant2	5745	16.38	≤30.00	≤30.00	17.88	---	PASS
	total	5745	19.87	≤30.00	≤30.00	21.66	---	PASS
	Ant1	5785	17.40	≤30.00	≤30.00	19.40	---	PASS
	Ant2	5785	16.35	≤30.00	≤30.00	17.85	---	PASS
	total	5785	19.92	≤30.00	≤30.00	21.70	---	PASS
	Ant1	5825	17.39	≤30.00	≤30.00	19.39	---	PASS
	Ant2	5825	16.57	≤30.00	≤30.00	18.07	---	PASS
	total	5825	20.01	≤30.00	≤30.00	21.79	---	PASS
11N40MIMO	Ant1	5755	15.86	≤30.00	≤30.00	17.86	---	PASS
	Ant2	5755	16.08	≤30.00	≤30.00	17.58	---	PASS
	total	5755	18.98	≤30.00	≤30.00	20.73	---	PASS
	Ant1	5795	16.26	≤30.00	≤30.00	18.26	---	PASS
	Ant2	5795	16.39	≤30.00	≤30.00	17.89	---	PASS
	total	5795	19.34	≤30.00	≤30.00	21.09	---	PASS
11AC80MIMO	Ant1	5775	15.90	≤30.00	≤30.00	17.90	---	PASS
	Ant2	5775	16.25	≤30.00	≤30.00	17.75	---	PASS
	total	5775	19.09	≤30.00	≤30.00	20.84	---	PASS
11AX20MIMO	Ant1	5745	17.17	≤30.00	≤30.00	19.17	---	PASS
	Ant2	5745	16.54	≤30.00	≤30.00	18.04	---	PASS
	total	5745	19.88	≤30.00	≤30.00	21.65	---	PASS
	Ant1	5785	17.37	≤30.00	≤30.00	19.37	---	PASS
	Ant2	5785	16.47	≤30.00	≤30.00	17.97	---	PASS
	total	5785	19.95	≤30.00	≤30.00	21.74	---	PASS
	Ant1	5825	16.32	≤30.00	≤30.00	18.32	---	PASS
	Ant2	5825	16.29	≤30.00	≤30.00	17.79	---	PASS
	total	5825	19.32	≤30.00	≤30.00	21.07	---	PASS
11AX40MIMO	Ant1	5755	16.21	≤30.00	≤30.00	18.21	---	PASS
	Ant2	5755	16.41	≤30.00	≤30.00	17.91	---	PASS
	total	5755	19.32	≤30.00	≤30.00	21.07	---	PASS
	Ant1	5795	16.42	≤30.00	≤30.00	18.42	---	PASS
	Ant2	5795	16.30	≤30.00	≤30.00	17.80	---	PASS
	total	5795	19.37	≤30.00	≤30.00	21.13	---	PASS
11AX80MIMO	Ant1	5775	16.17	≤30.00	≤30.00	18.17	---	PASS
	Ant2	5775	16.41	≤30.00	≤30.00	17.91	---	PASS
	total	5775	19.30	≤30.00	≤30.00	21.05	---	PASS

Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm/500kHz]	Limit [dBm/500kHz]	EIRP [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
11A-CDD	Ant1	5745	5.62	≤30.00	7.62	---	PASS
	Ant2	5745	5.92	≤30.00	7.42	---	PASS
	total	5745	8.78	≤30.00	13.54	---	PASS
	Ant1	5785	5.18	≤30.00	7.18	---	PASS
	Ant2	5785	5.69	≤30.00	7.19	---	PASS
	total	5785	8.45	≤30.00	13.21	---	PASS
	Ant1	5825	4.68	≤30.00	6.68	---	PASS
	Ant2	5825	5.84	≤30.00	7.34	---	PASS
	total	5825	8.31	≤30.00	13.07	---	PASS
11N20MIMO	Ant1	5745	6.07	≤30.00	8.07	---	PASS
	Ant2	5745	5.39	≤30.00	6.89	---	PASS
	total	5745	8.75	≤30.00	10.53	---	PASS
	Ant1	5785	6.29	≤30.00	8.29	---	PASS
	Ant2	5785	5.40	≤30.00	6.90	---	PASS
	total	5785	8.88	≤30.00	10.66	---	PASS
	Ant1	5825	6.53	≤30.00	8.53	---	PASS
	Ant2	5825	5.29	≤30.00	6.79	---	PASS
	total	5825	8.96	≤30.00	10.76	---	PASS
11N40MIMO	Ant1	5755	-1.18	≤30.00	0.82	---	PASS
	Ant2	5755	-0.86	≤30.00	0.64	---	PASS
	total	5755	1.99	≤30.00	3.74	---	PASS
	Ant1	5795	-0.19	≤30.00	1.81	---	PASS
	Ant2	5795	-0.67	≤30.00	0.83	---	PASS
	total	5795	2.59	≤30.00	4.36	---	PASS
11AC80MIMO	Ant1	5775	-3.90	≤30.00	-1.90	---	PASS
	Ant2	5775	-3.38	≤30.00	-1.88	---	PASS
	total	5775	-0.62	≤30.00	1.12	---	PASS
11AX20MIMO	Ant1	5745	4.79	≤30.00	6.79	---	PASS
	Ant2	5745	4.41	≤30.00	5.91	---	PASS
	total	5745	7.61	≤30.00	9.38	---	PASS
	Ant1	5785	4.29	≤30.00	6.29	---	PASS
	Ant2	5785	4.14	≤30.00	5.64	---	PASS
	total	5785	7.23	≤30.00	8.99	---	PASS
	Ant1	5825	3.84	≤30.00	5.84	---	PASS
	Ant2	5825	3.88	≤30.00	5.38	---	PASS
	total	5825	6.87	≤30.00	8.63	---	PASS
11AX40MIMO	Ant1	5755	-0.85	≤30.00	1.15	---	PASS
	Ant2	5755	-0.59	≤30.00	0.91	---	PASS
	total	5755	2.29	≤30.00	4.04	---	PASS
	Ant1	5795	-0.56	≤30.00	1.44	---	PASS
	Ant2	5795	-0.49	≤30.00	1.01	---	PASS
	total	5795	2.49	≤30.00	4.24	---	PASS
11AX80MIMO	Ant1	5775	-3.80	≤30.00	-1.80	---	PASS
	Ant2	5775	-3.47	≤30.00	-1.97	---	PASS
	total	5775	-0.62	≤30.00	1.13	---	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

