



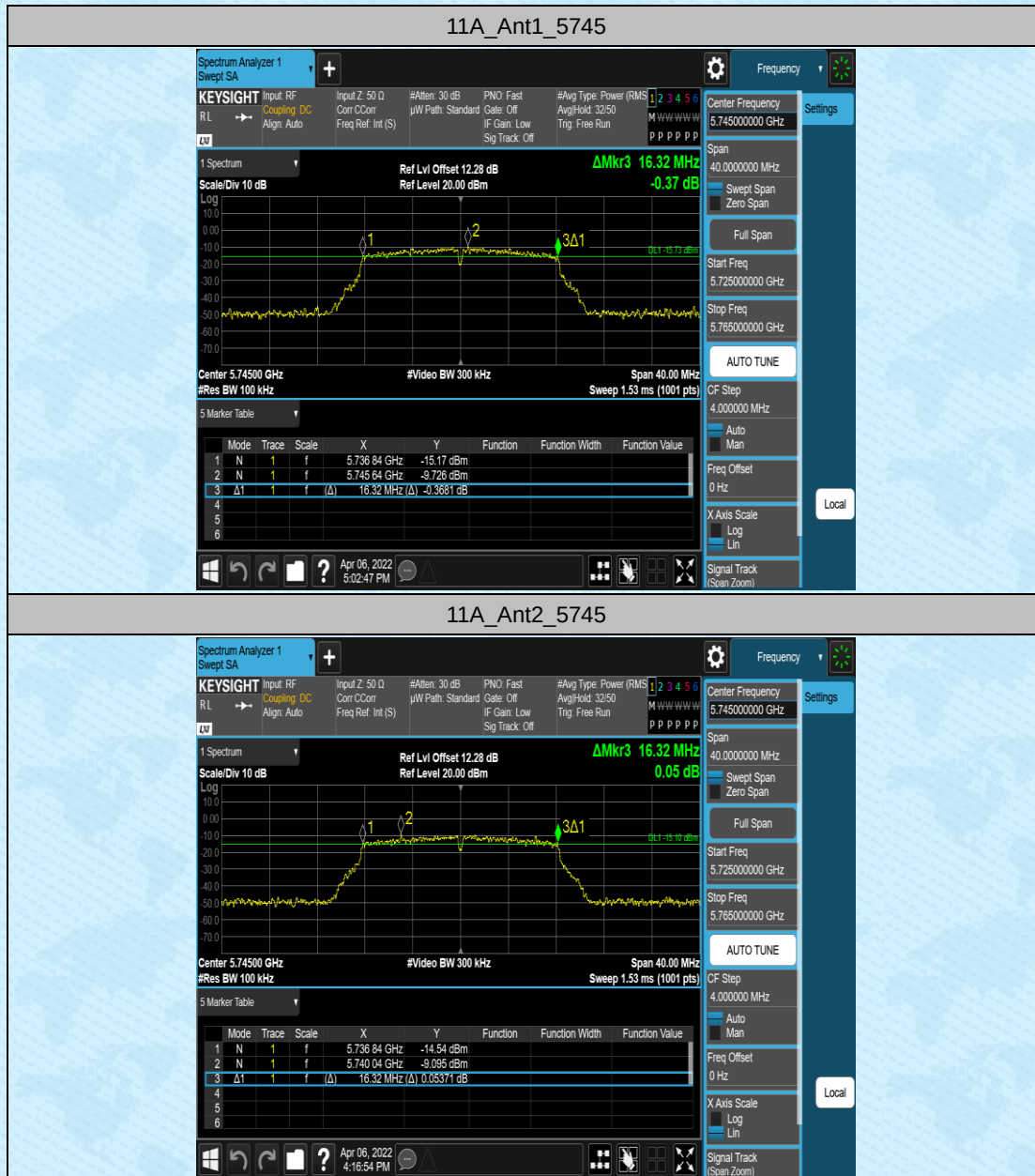


AppendixA3: Min emission bandwidth

Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
	Ant2	5745	16.320	5736.840	5753.160	0.5	PASS
	Ant1	5785	16.280	5776.880	5793.160	0.5	PASS
	Ant2	5785	11.520	5778.720	5790.240	0.5	PASS
	Ant1	5825	16.320	5816.840	5833.160	0.5	PASS
	Ant2	5825	15.040	5817.480	5832.520	0.5	PASS
11N20SI SO	Ant1	5745	17.160	5736.240	5753.400	0.5	PASS
	Ant2	5745	17.160	5736.240	5753.400	0.5	PASS
	Ant1	5785	17.280	5776.240	5793.520	0.5	PASS
	Ant2	5785	12.800	5777.480	5790.280	0.5	PASS
	Ant1	5825	17.520	5816.240	5833.760	0.5	PASS
	Ant2	5825	11.280	5819.600	5830.880	0.5	PASS
11N40SI SO	Ant1	5755	33.840	5738.680	5772.520	0.5	PASS
	Ant2	5755	31.280	5738.760	5770.040	0.5	PASS
	Ant1	5795	26.320	5781.240	5807.560	0.5	PASS
	Ant2	5795	28.880	5781.160	5810.040	0.5	PASS
11AC20S ISO	Ant1	5745	16.880	5736.240	5753.120	0.5	PASS
	Ant2	5745	11.360	5738.680	5750.040	0.5	PASS
	Ant1	5785	8.200	5781.200	5789.400	0.5	PASS
	Ant2	5785	16.640	5776.480	5793.120	0.5	PASS
	Ant1	5825	14.680	5818.080	5832.760	0.5	PASS
	Ant2	5825	17.520	5816.240	5833.760	0.5	PASS
11AC40S ISO	Ant1	5755	31.520	5738.440	5769.960	0.5	PASS
	Ant2	5755	31.360	5739.960	5771.320	0.5	PASS
	Ant1	5795	29.200	5783.320	5812.520	0.5	PASS
	Ant2	5795	32.560	5777.480	5810.040	0.5	PASS
11AC80S ISO	Ant1	5775	73.760	5738.680	5812.440	0.5	PASS
	Ant2	5775	72.640	5737.400	5810.040	0.5	PASS

Test Graphs

















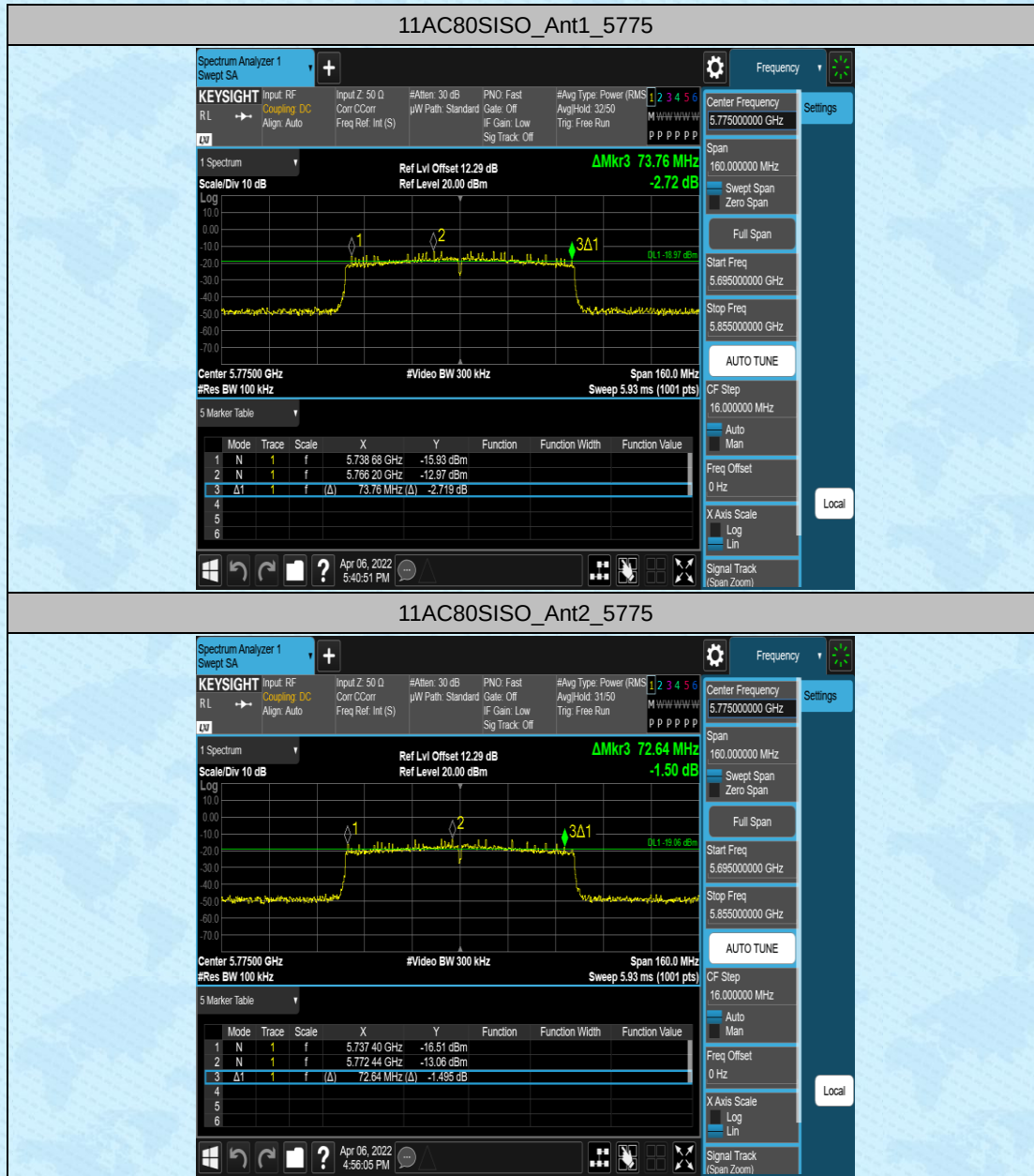












AppendixB: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5745	14.21	≤30.00	PASS
	Ant2	5745	14.52	≤30.00	PASS
	Ant1	5785	13.66	≤30.00	PASS
	Ant2	5785	14.05	≤30.00	PASS
	Ant1	5825	13.62	≤30.00	PASS
	Ant2	5825	13.99	≤30.00	PASS
11N20MIMO	Ant1	5745	9.86	≤30.00	PASS
	Ant2	5745	9.87	≤30.00	PASS
	total	5745	12.88	≤30.00	PASS
	Ant1	5785	9.64	≤30.00	PASS
	Ant2	5785	9.56	≤30.00	PASS
	total	5785	12.61	≤30.00	PASS
	Ant1	5825	10.64	≤30.00	PASS
	Ant2	5825	9.05	≤30.00	PASS
	total	5825	12.93	≤30.00	PASS
11N40MIMO	Ant1	5755	10.21	≤30.00	PASS
	Ant2	5755	9.57	≤30.00	PASS
	total	5755	12.91	≤30.00	PASS
	Ant1	5795	10.06	≤30.00	PASS
	Ant2	5795	9.52	≤30.00	PASS
	total	5795	12.81	≤30.00	PASS
11AC20MIMO	Ant1	5745	9.49	≤30.00	PASS
	Ant2	5745	9.62	≤30.00	PASS
	total	5745	12.57	≤30.00	PASS
	Ant1	5785	9.14	≤30.00	PASS
	Ant2	5785	9.59	≤30.00	PASS
	total	5785	12.38	≤30.00	PASS
	Ant1	5825	9.34	≤30.00	PASS
	Ant2	5825	9.75	≤30.00	PASS
	total	5825	12.56	≤30.00	PASS
11AC40MIMO	Ant1	5755	9.48	≤30.00	PASS
	Ant2	5755	9.66	≤30.00	PASS
	total	5755	12.58	≤30.00	PASS
	Ant1	5795	9.24	≤30.00	PASS
	Ant2	5795	9.69	≤30.00	PASS

	total	5795	12.48	≤30.00	PASS
11AC80MIMO	Ant1	5775	9.74	≤30.00	PASS
	Ant2	5775	9.91	≤30.00	PASS
	total	5775	12.84	≤30.00	PASS

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

Transmit signals are completely correlated

Directional gain = $G_{ANT} + 10 \cdot \log 2 = 6.01$

AppendixC: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-7.09	≤30.00	PASS
	Ant2	5745	-7.12	≤30.00	PASS
	Ant1	5785	-7.96	≤30.00	PASS
	Ant2	5785	-7.15	≤30.00	PASS
	Ant1	5825	-7.71	≤30.00	PASS
	Ant2	5825	-7.18	≤30.00	PASS
11N20MIMO	Ant1	5745	-11.28	≤30.00	PASS
	Ant2	5745	-10.2	≤30.00	PASS
	total	5745	-7.70	≤29.99	PASS
	Ant1	5785	-11.08	≤30.00	PASS
	Ant2	5785	-10.68	≤30.00	PASS
	total	5785	-7.87	≤29.99	PASS
	Ant1	5825	-10.97	≤30.00	PASS
	Ant2	5825	-9.1	≤30.00	PASS
	total	5825	-6.92	≤29.99	PASS
11N40MIMO	Ant1	5755	-14.55	≤30.00	PASS
	Ant2	5755	-12.2	≤30.00	PASS
	total	5755	-10.21	≤29.99	PASS
	Ant1	5795	-14.82	≤30.00	PASS
	Ant2	5795	-12.72	≤30.00	PASS
	total	5795	-10.63	≤29.99	PASS
11AC20MIMO	Ant1	5745	-10.51	≤30.00	PASS
	Ant2	5745	-9.96	≤30.00	PASS
	total	5745	-7.22	≤29.99	PASS
	Ant1	5785	-10.61	≤30.00	PASS
	Ant2	5785	-9.96	≤30.00	PASS
	total	5785	-7.26	≤29.99	PASS
	Ant1	5825	-10.98	≤30.00	PASS
	Ant2	5825	-9.57	≤30.00	PASS
	total	5825	-7.21	≤29.99	PASS
11AC40MIMO	Ant1	5755	-13.31	≤30.00	PASS
	Ant2	5755	-12.57	≤30.00	PASS
	total	5755	-9.91	≤29.99	PASS
	Ant1	5795	-13.46	≤30.00	PASS
	Ant2	5795	-12.41	≤30.00	PASS

	total	5795	-9.89	≤ 29.99	PASS
11AC80MIM O	Ant1	5775	-15.92	≤ 30.00	PASS
	Ant2	5775	-14.74	≤ 30.00	PASS
	total	5775	-12.28	≤ 29.99	PASS

Note: 1.The Duty Cycle Factorand RBW Factoriscompensateinthe graph.

Test Graphs









