

Appendix E

RF Test Data for 5.8GWIFI(Conducted Measurement)

Product Name: Network Transport
Test Model: 9000NT

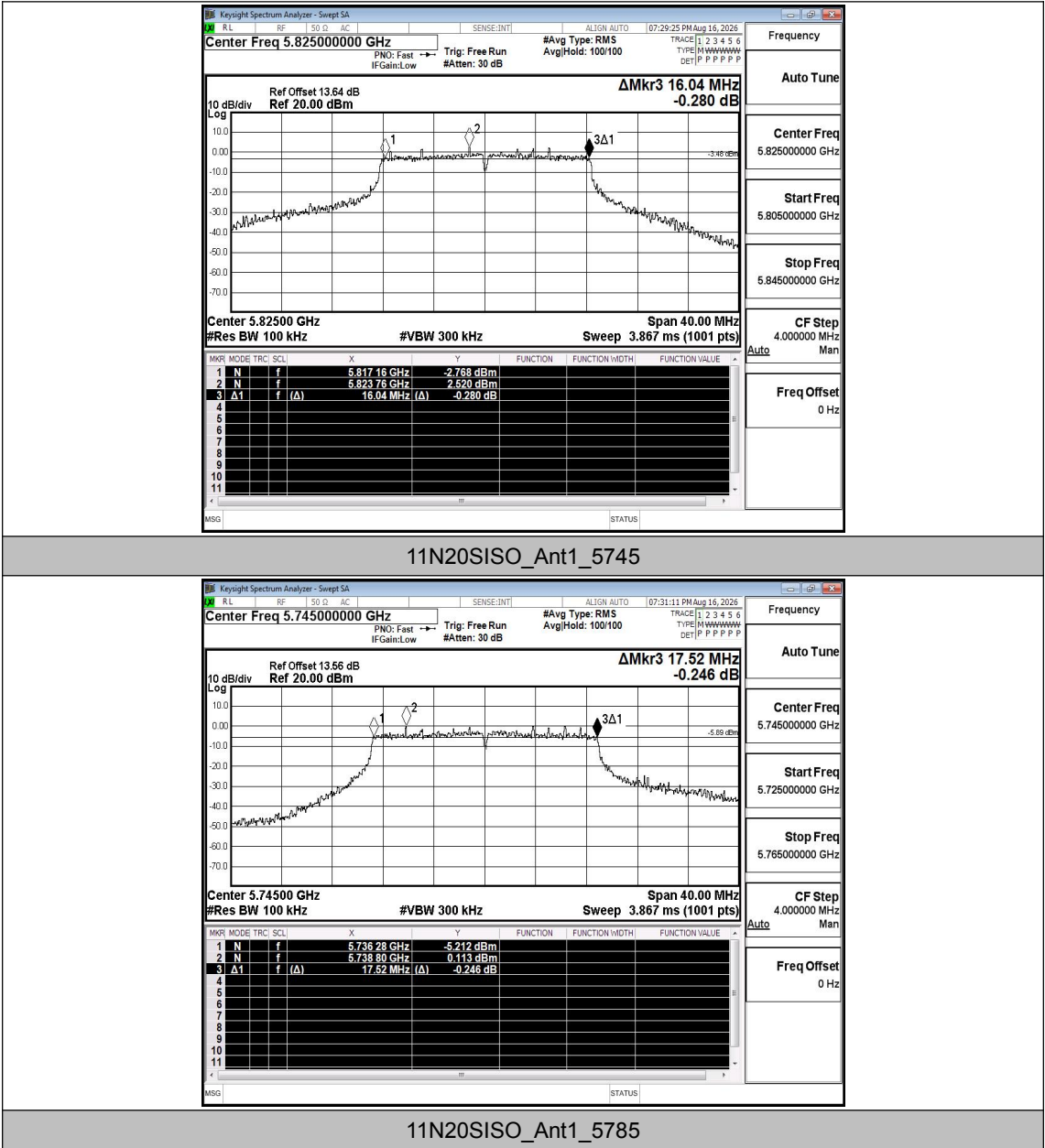
Environmental Conditions

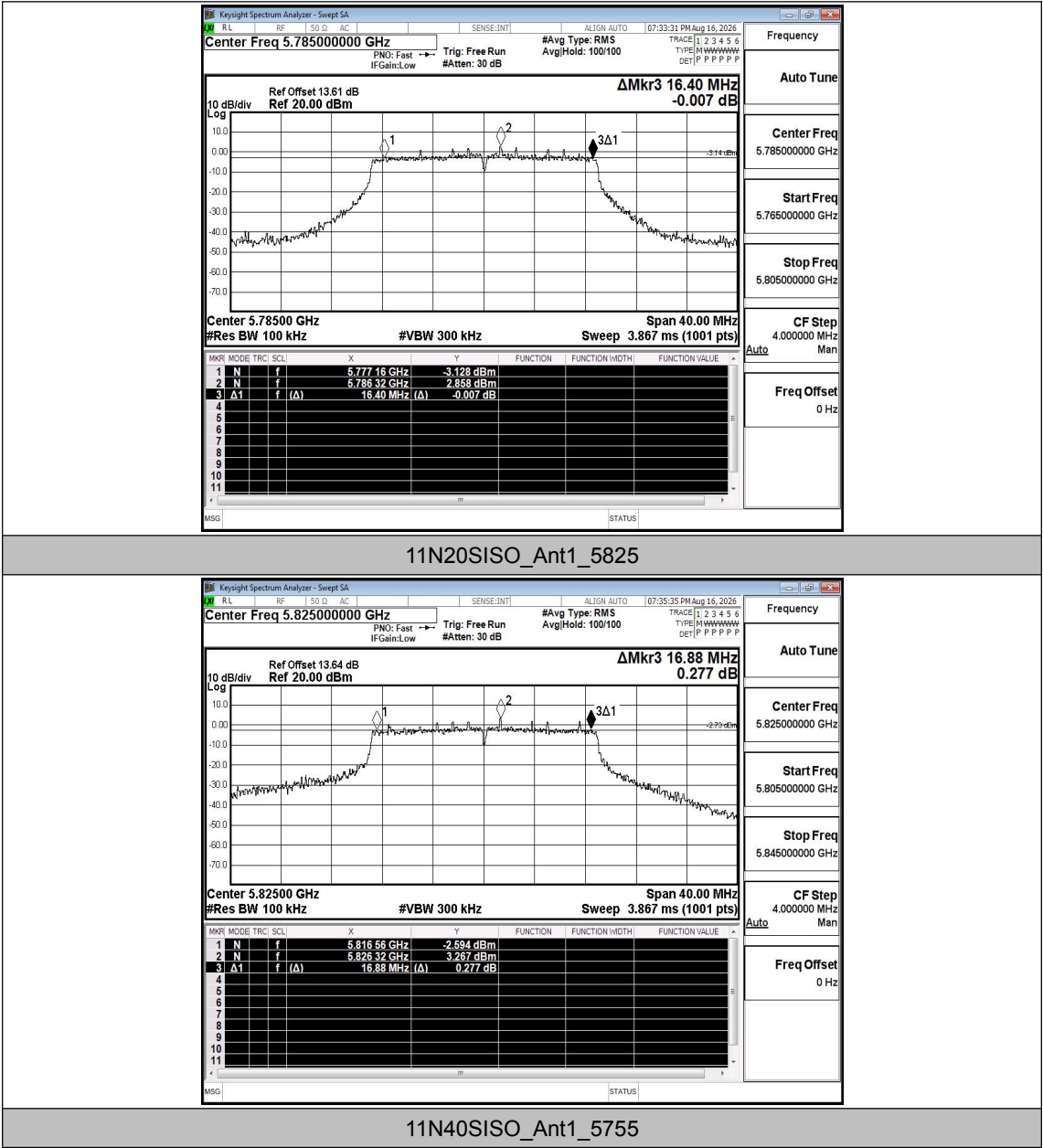
Temperature:	24.6° C
Relative Humidity:	53.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

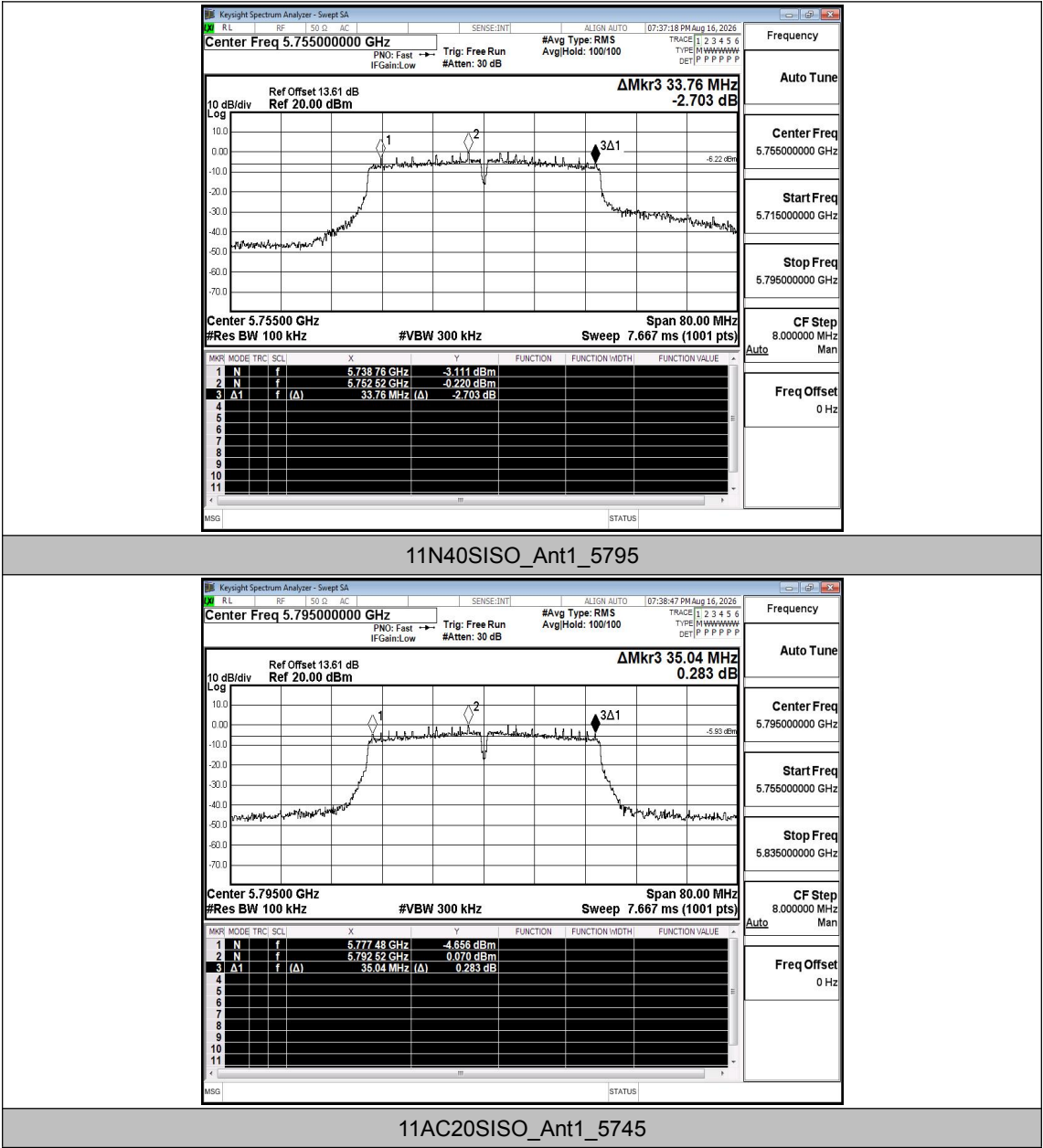
E.1 Min emission bandwidth

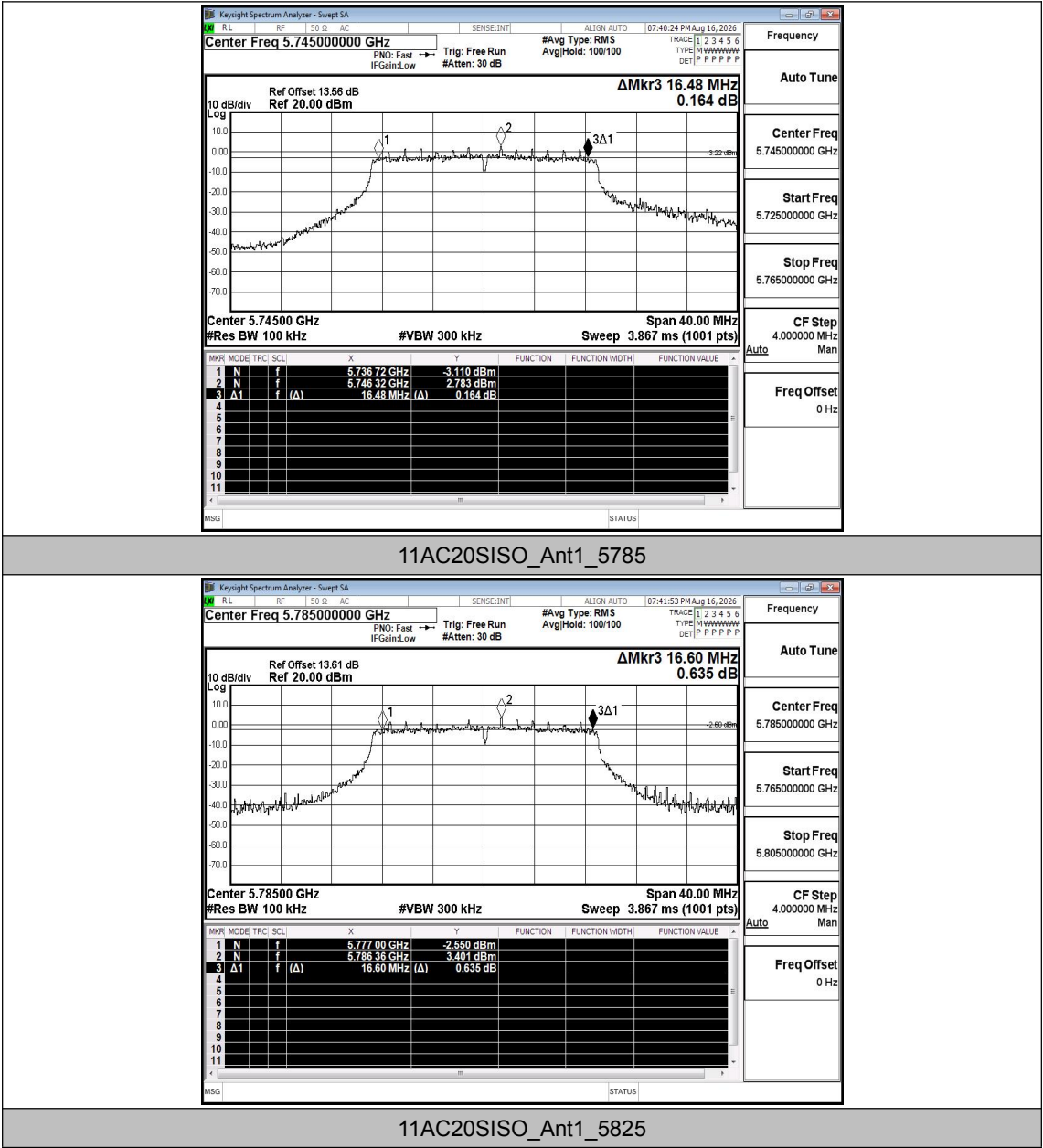
Test Result B4

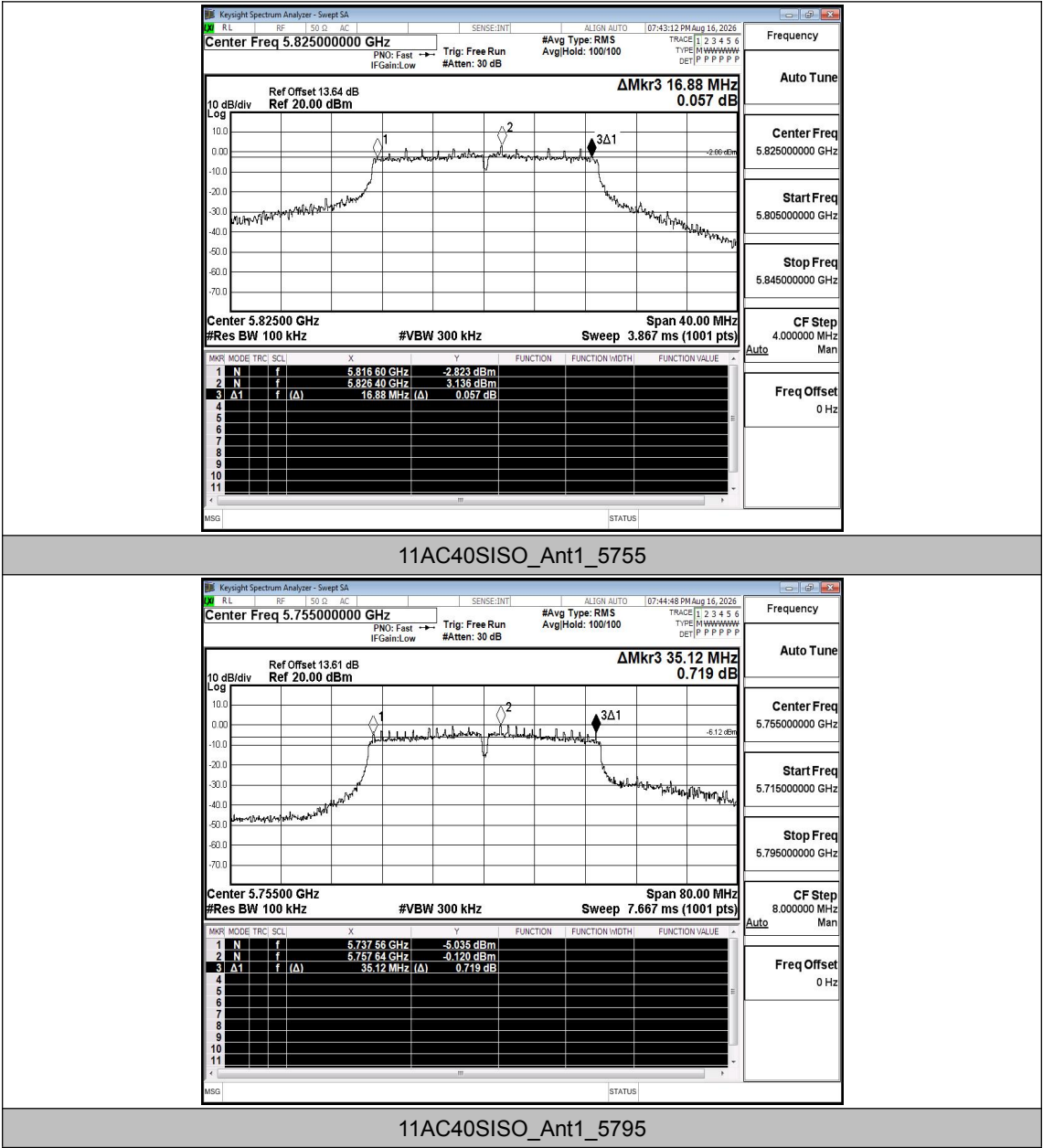
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.280	5736.920	5753.200	0.5	PASS
		5785	16.280	5776.920	5793.200	0.5	PASS
		5825	16.040	5817.160	5833.200	0.5	PASS
11N20SISO	Ant1	5745	17.520	5736.280	5753.800	0.5	PASS
		5785	16.400	5777.160	5793.560	0.5	PASS
		5825	16.880	5816.560	5833.440	0.5	PASS
11N40SISO	Ant1	5755	33.760	5738.760	5772.520	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	16.480	5736.720	5753.200	0.5	PASS
		5785	16.600	5777.000	5793.600	0.5	PASS
		5825	16.880	5816.600	5833.480	0.5	PASS
11AC40SISO	Ant1	5755	35.120	5737.560	5772.680	0.5	PASS
		5795	35.120	5777.560	5812.680	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.560	5812.760	0.5	PASS

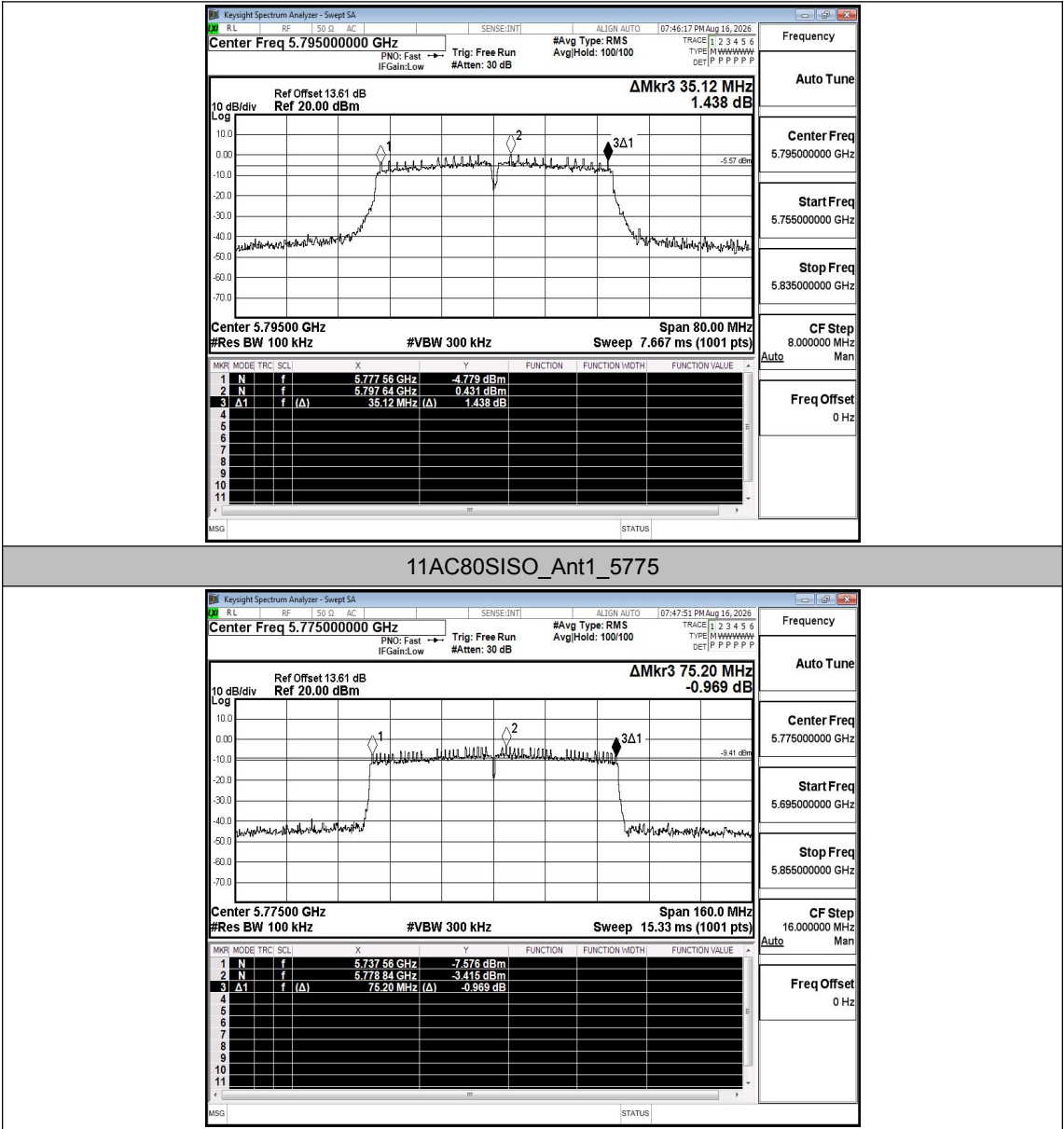












E.2 Maximum conducted output power

Test Result Channel Power

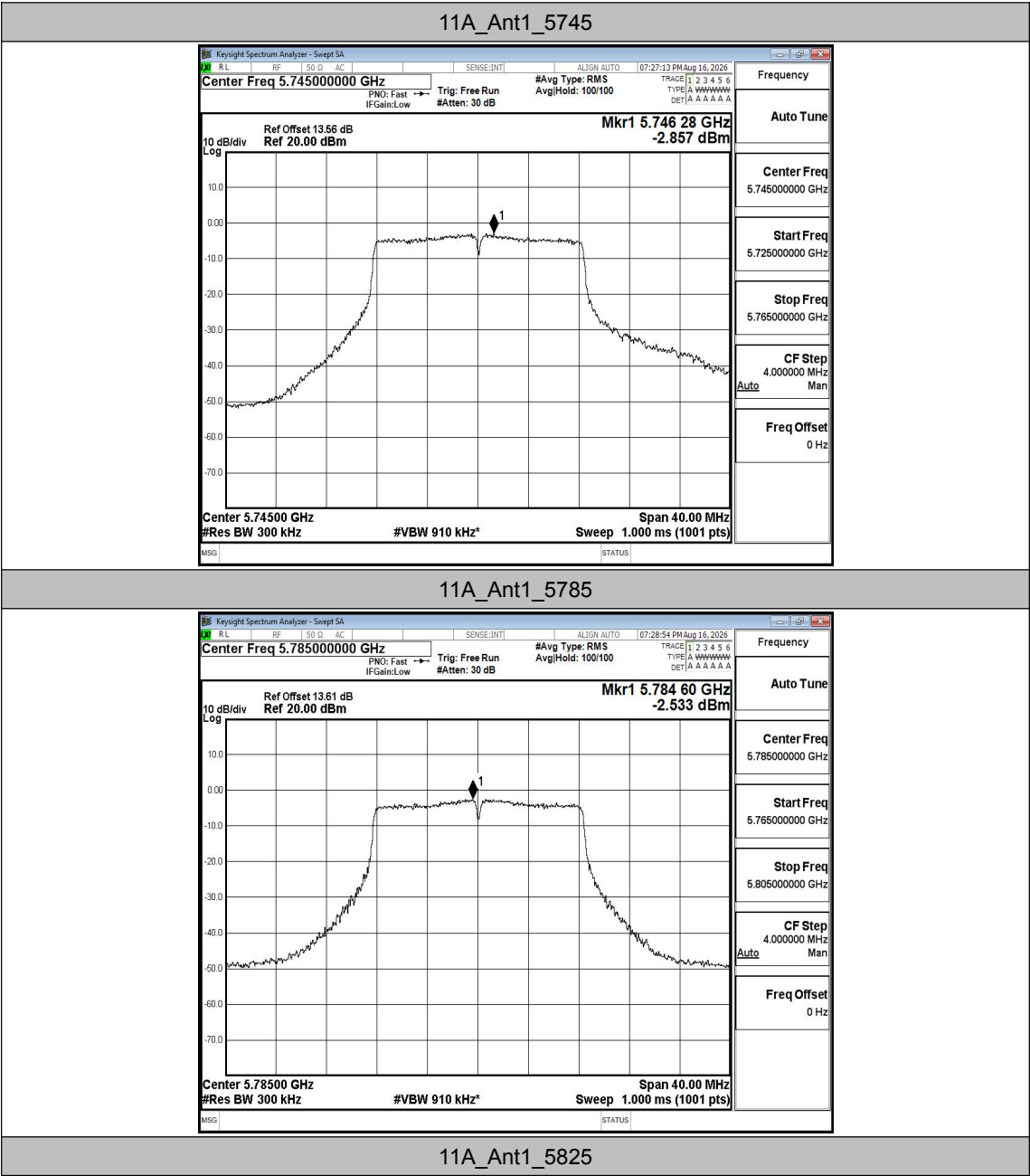
Test Mode	Antenna	Freq(MHz)	TPC Mode	Measured Power [dBm]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	NA	13.83	0.18	14.01	≤30.00	PASS
		5785	NA	14.42	0.18	14.60	≤30.00	PASS
		5825	NA	14.20	0.18	14.38	≤30.00	PASS
11N20SISO	Ant1	5745	NA	13.79	0.16	13.95	≤30.00	PASS
		5785	NA	14.22	0.19	14.41	≤30.00	PASS
		5825	NA	14.21	0.16	14.37	≤30.00	PASS
11N40SISO	Ant1	5755	NA	13.91	0.38	14.29	≤30.00	PASS
		5795	NA	14.19	0.38	14.57	≤30.00	PASS
11AC20SISO	Ant1	5745	NA	13.95	0.51	14.46	≤30.00	PASS
		5785	NA	14.70	0.51	15.21	≤30.00	PASS
		5825	NA	14.01	0.51	14.52	≤30.00	PASS
11AC40SISO	Ant1	5755	NA	13.35	0.90	14.25	≤30.00	PASS
		5795	NA	13.72	0.90	14.62	≤30.00	PASS
11AC80SISO	Ant1	5775	NA	12.60	1.25	13.85	≤30.00	PASS

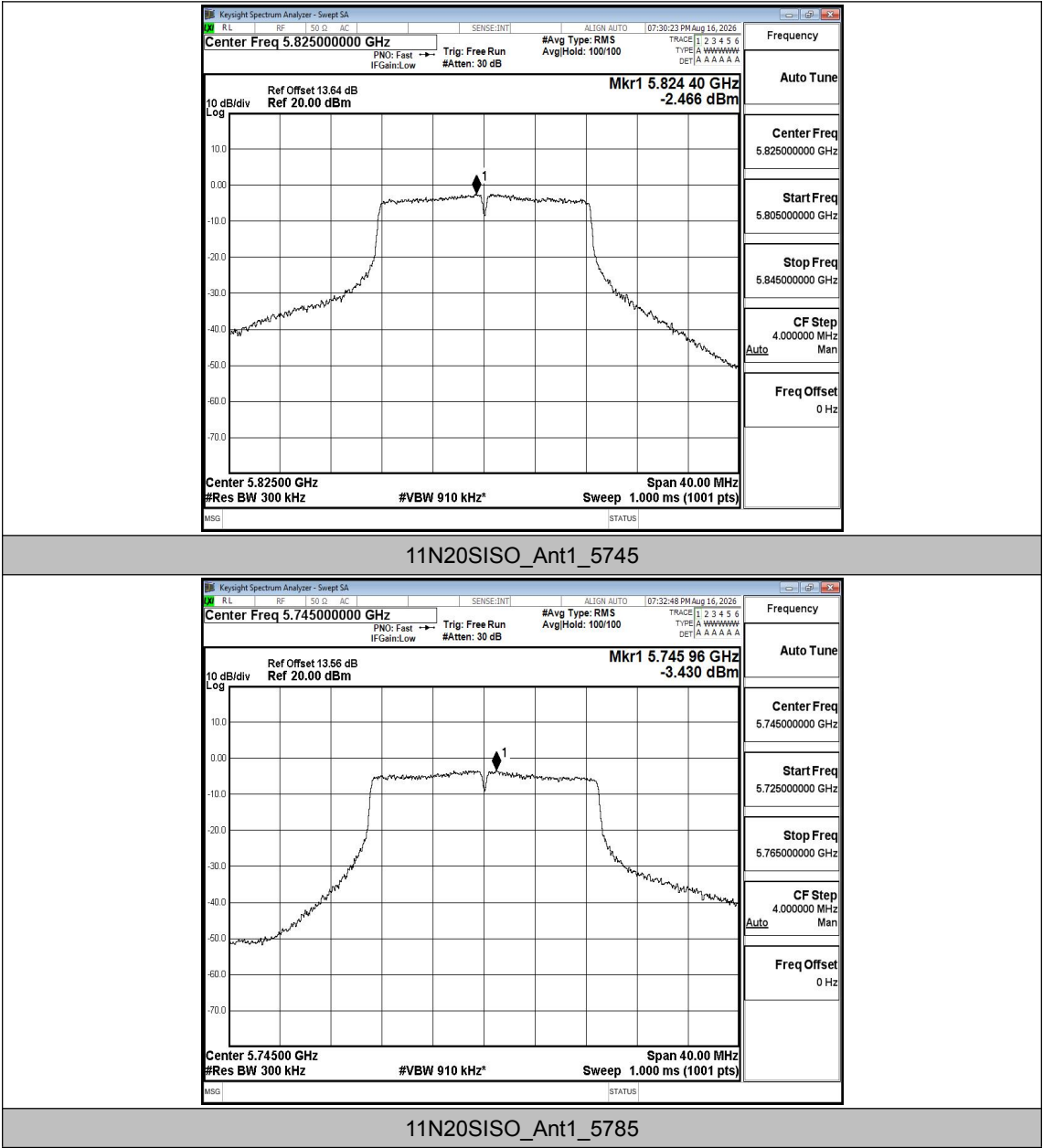
E.3 Maximum power spectral density

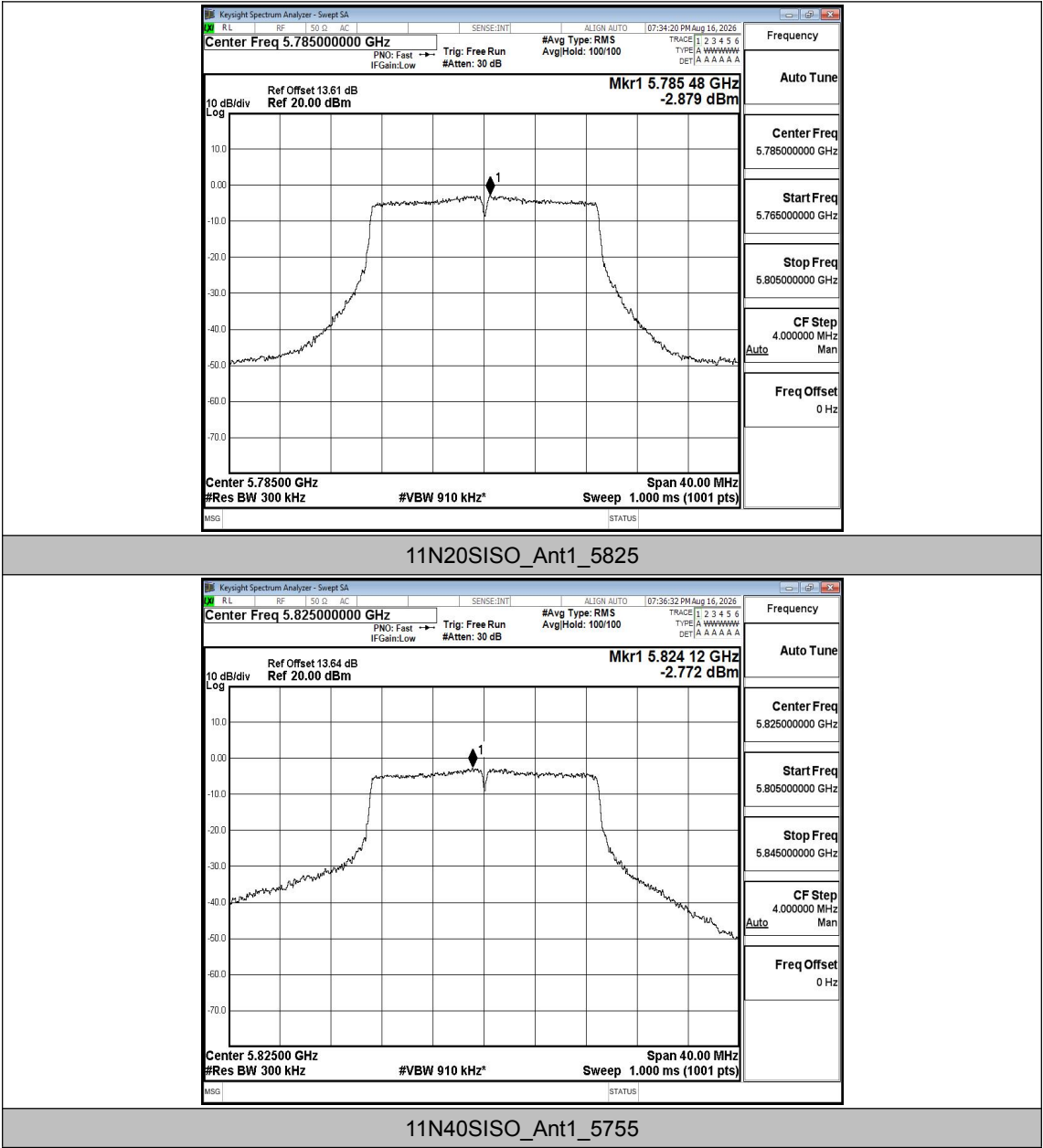
Test Result

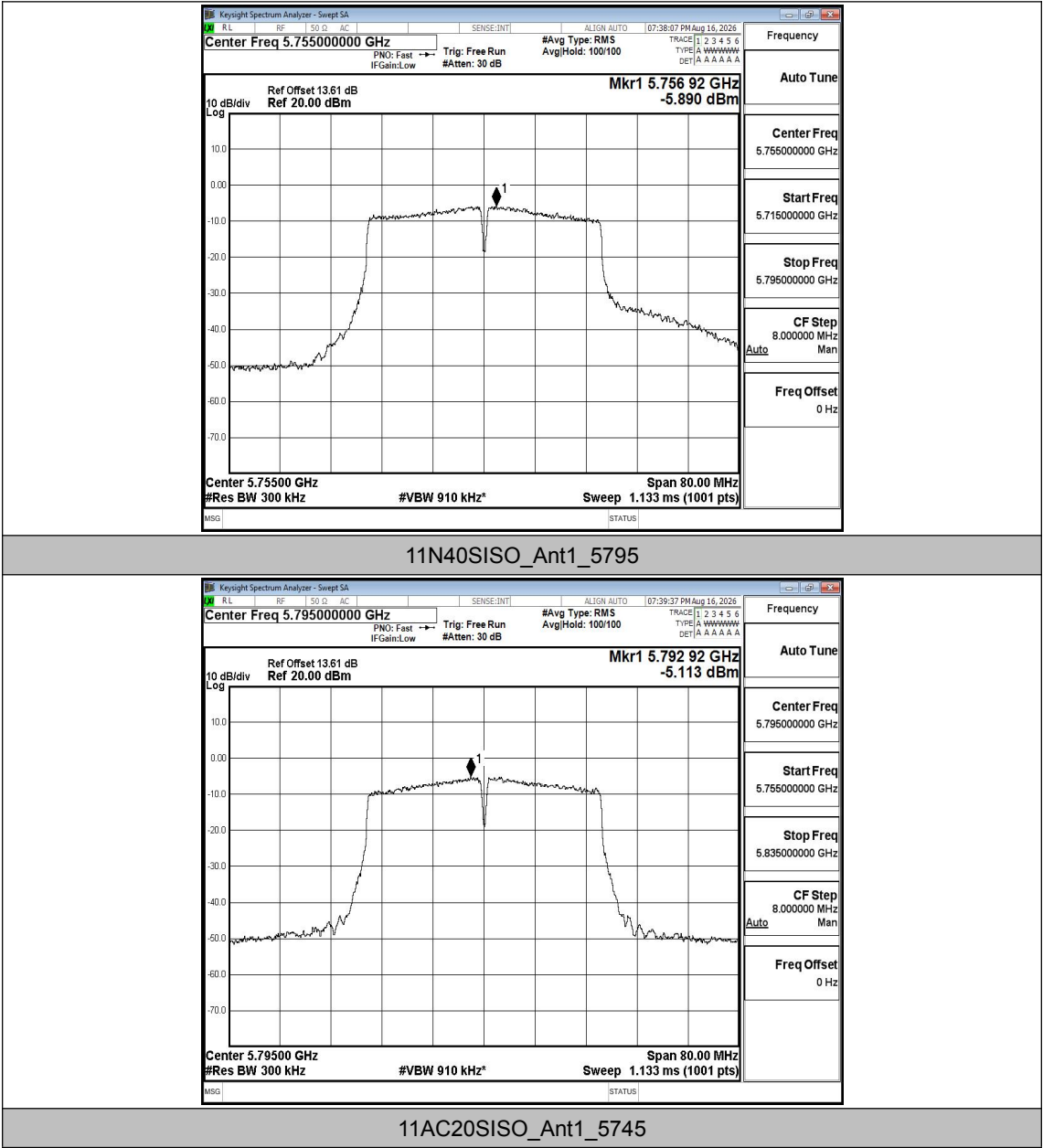
TestMode	Antenna	Freq (MHz)	Raw Data [dBm/500 kHz]	DC Factor	RBW Factor	Result [dBm/500 kHz]	Limit [dBm/500 kHz]	Verdict
11A	Ant1	5745	-2.86	0.18	2.22	-0.46	≤30.00	PASS
		5785	-2.53	0.18	2.22	-0.13	≤30.00	PASS
		5825	-2.47	0.18	2.22	-0.07	≤30.00	PASS
11N20SISO	Ant1	5745	-3.43	0.16	2.22	-1.05	≤30.00	PASS
		5785	-2.88	0.19	2.22	-0.47	≤30.00	PASS
		5825	-2.77	0.16	2.22	-0.39	≤30.00	PASS
11N40SISO	Ant1	5755	-5.89	0.38	2.22	-3.29	≤30.00	PASS
		5795	-5.11	0.38	2.22	-2.51	≤30.00	PASS
11AC20SISO	Ant1	5745	-3.16	0.51	2.22	-0.43	≤30.00	PASS
		5785	-2.69	0.51	2.22	0.04	≤30.00	PASS
		5825	-3.25	0.51	2.22	-0.52	≤30.00	PASS
11AC40SISO	Ant1	5755	-6.17	0.90	2.22	-3.05	≤30.00	PASS
		5795	-6.07	0.90	2.22	-2.95	≤30.00	PASS
11AC80SISO	Ant1	5775	-10.04	1.25	2.22	-6.57	≤30.00	PASS

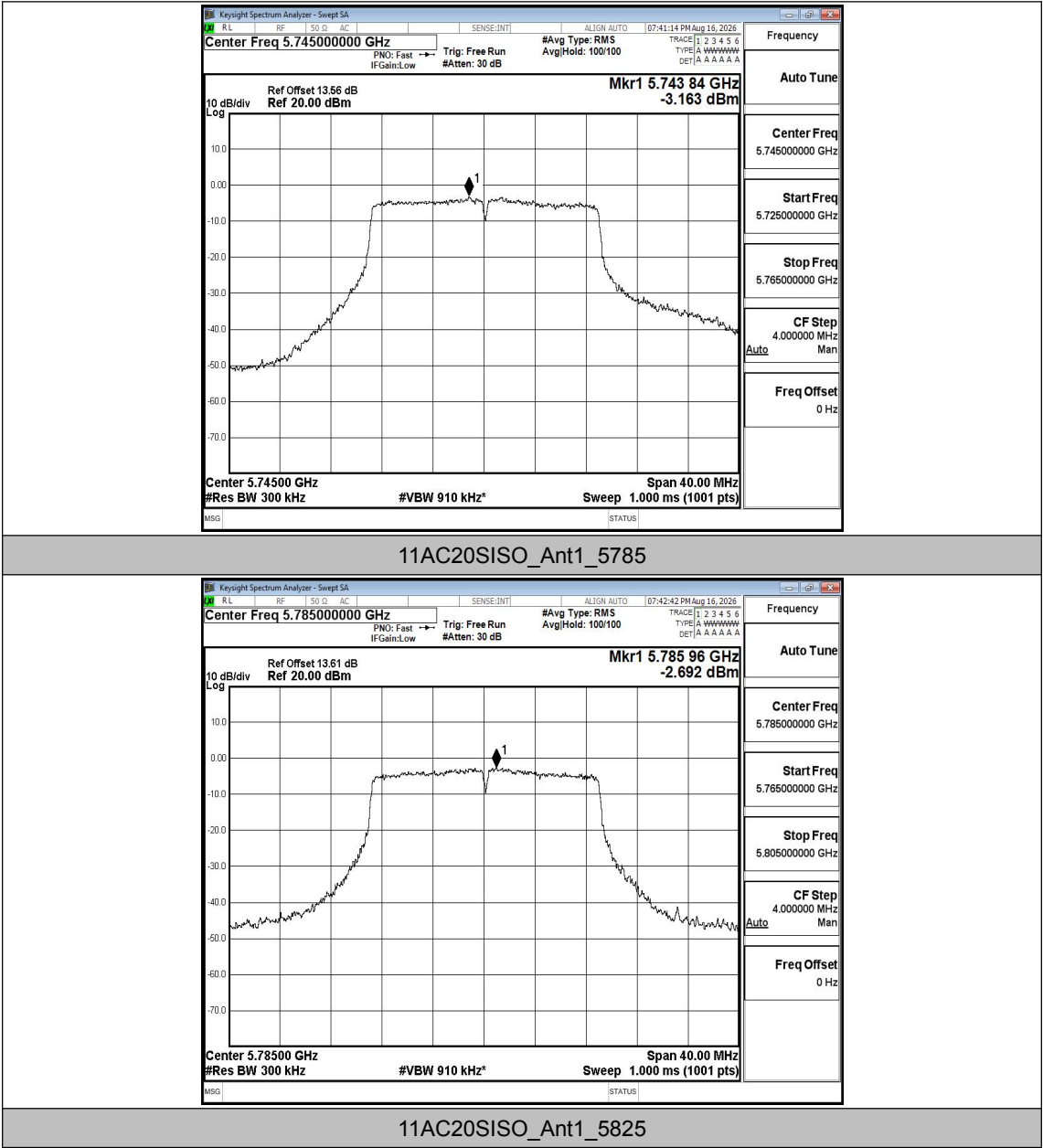
Test Graphs

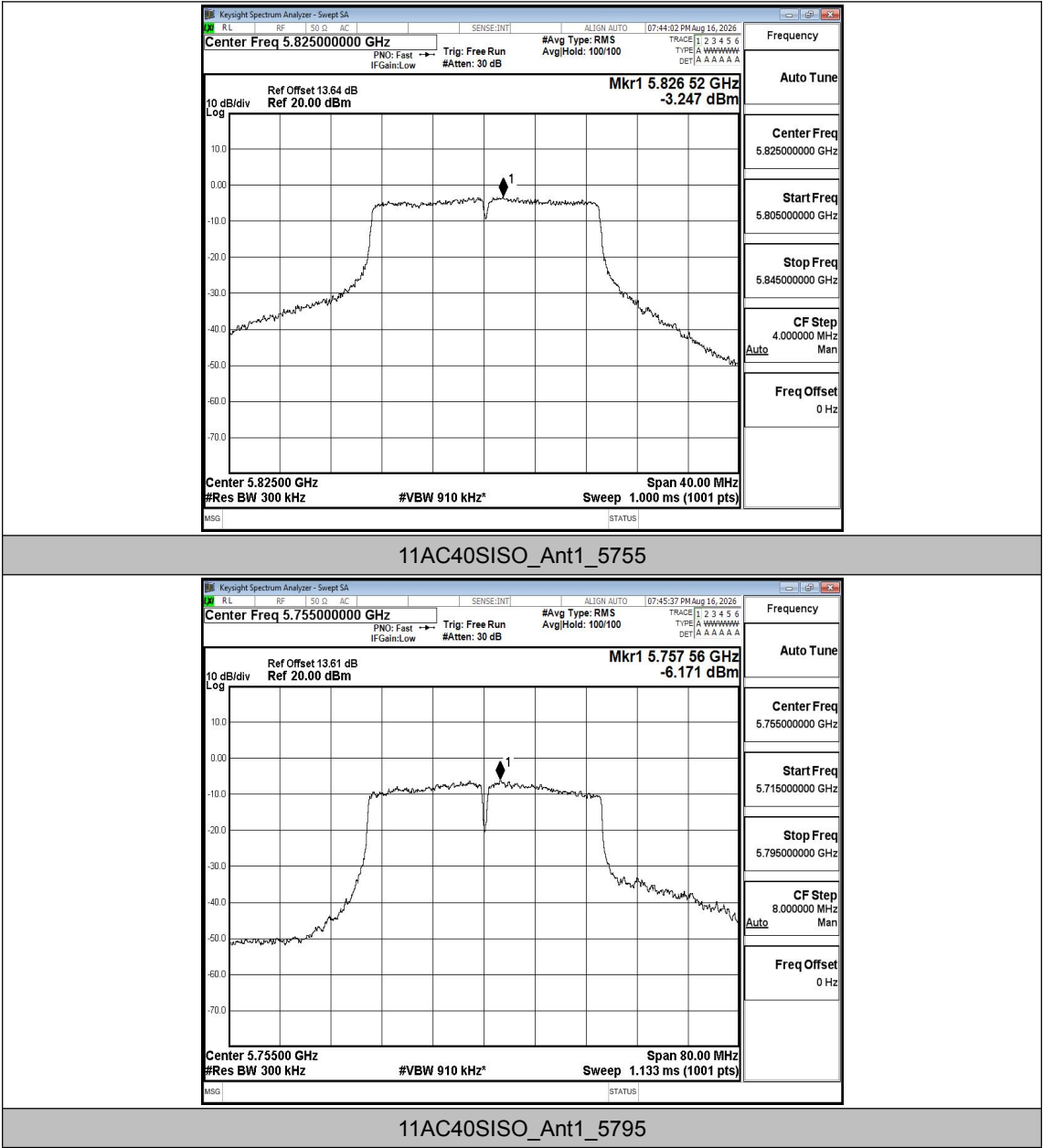


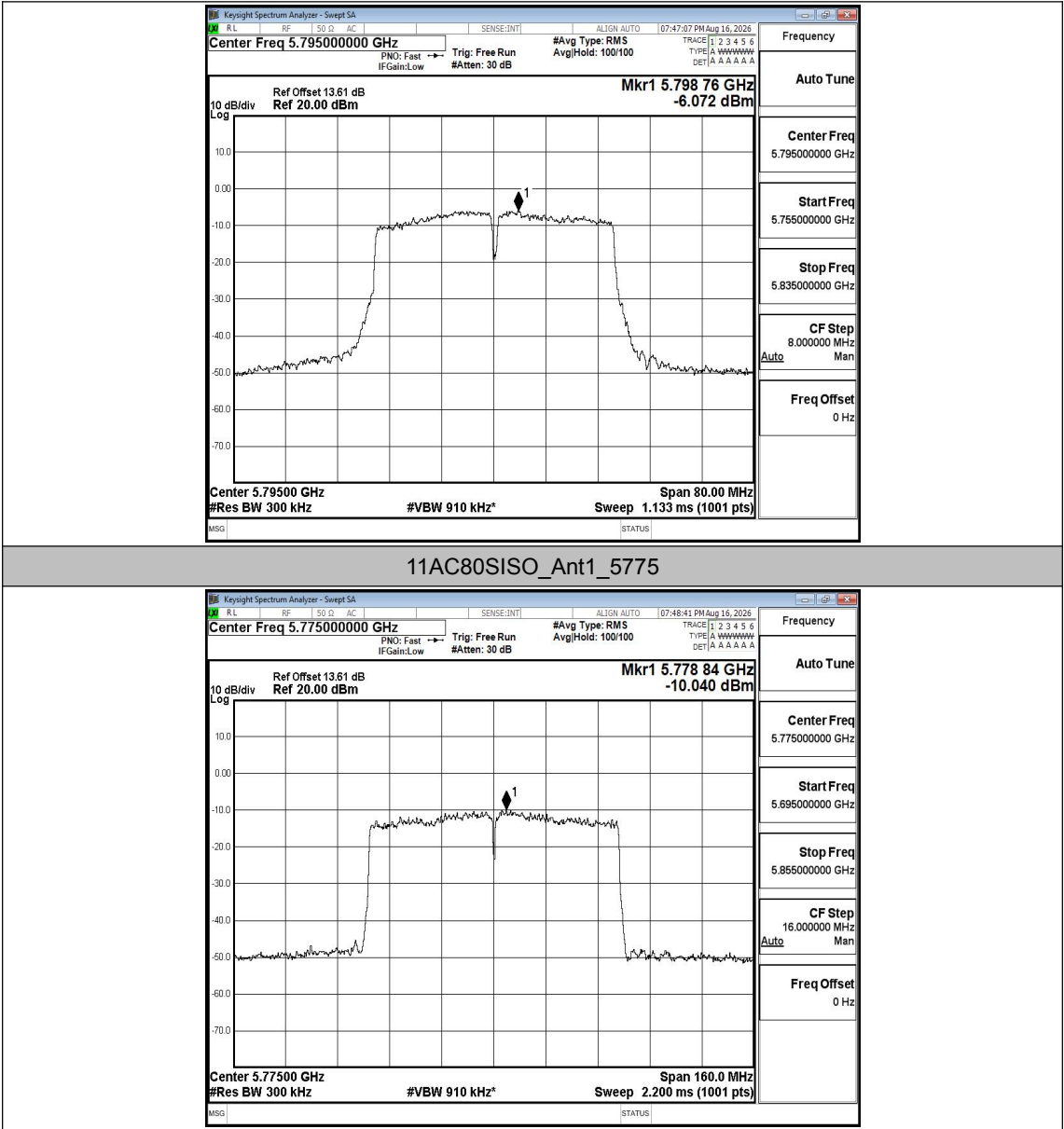












E.4 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-49.706	≤-30.71	3.71	PASS
				Peak	5700.000	-48.65	≤6.29	3.71	PASS
				Peak	5720.000	-46.75	≤11.89	3.71	PASS
				Peak	5725.000	-45.95	≤23.29	3.71	PASS
		High	5825	Peak	5850.000	-46.834	≤23.29	3.71	PASS
				Peak	5855.000	-46.76	≤11.89	3.71	PASS
				Peak	5875.000	-48.25	≤6.29	3.71	PASS
				Peak	5925.000	-49.47	≤-28.71	3.71	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-49.788	≤-30.71	3.71	PASS
				Peak	5700.000	-48.91	≤6.29	3.71	PASS
				Peak	5720.000	-46.12	≤11.89	3.71	PASS
				Peak	5725.000	-45.85	≤23.29	3.71	PASS
		High	5825	Peak	5850.000	-46.117	≤23.29	3.71	PASS
				Peak	5855.000	-48.32	≤11.89	3.71	PASS
				Peak	5875.000	-49.56	≤6.29	3.71	PASS
				Peak	5925.000	-47.36	≤-28.71	3.71	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-49.5	≤-30.71	3.71	PASS
				Peak	5700.000	-46.05	≤6.29	3.71	PASS
				Peak	5720.000	-42.41	≤11.89	3.71	PASS
				Peak	5725.000	-40.58	≤23.29	3.71	PASS
		High	5795	Peak	5850.000	-41.174	≤23.29	3.71	PASS
				Peak	5855.000	-42.9	≤11.89	3.71	PASS
				Peak	5875.000	-47.99	≤6.29	3.71	PASS
				Peak	5925.000	-48.48	≤-28.71	3.71	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-50.37	≤-30.71	3.71	PASS
				Peak	5700.000	-49.21	≤6.29	3.71	PASS
				Peak	5720.000	-47.76	≤11.89	3.71	PASS
				Peak	5725.000	-43.46	≤23.29	3.71	PASS
		High	5825	Peak	5850.000	-46.182	≤23.29	3.71	PASS
				Peak	5855.000	-47.28	≤11.89	3.71	PASS

				Peak	5875.000	-49.3	≤6.29	3.71	PASS
				Peak	5925.000	-48.89	≤-28.71	3.71	PASS
11AC40SISO	Ant1	Low	5755	Peak	5650.000	-49.555	≤-30.71	3.71	PASS
				Peak	5700.000	-47.9	≤6.29	3.71	PASS
				Peak	5720.000	-42.26	≤11.89	3.71	PASS
				Peak	5725.000	-40.21	≤23.29	3.71	PASS
		High	5795	Peak	5850.000	-38.03	≤23.29	3.71	PASS
				Peak	5855.000	-40.72	≤11.89	3.71	PASS
				Peak	5875.000	-47.38	≤6.29	3.71	PASS
				Peak	5925.000	-48.87	≤-28.71	3.71	PASS
11AC80SISO	Ant1	Low	5775	Peak	5650.000	-48.07	≤-30.71	3.71	PASS
				Peak	5700.000	-37.59	≤6.29	3.71	PASS
				Peak	5720.000	-34.28	≤11.89	3.71	PASS
				Peak	5725.000	-37.24	≤23.29	3.71	PASS
		High	5775	Peak	5850.000	-39.558	≤23.29	3.71	PASS
				Peak	5855.000	-39.45	≤11.89	3.71	PASS
				Peak	5875.000	-44.02	≤6.29	3.71	PASS
				Peak	5925.000	-49.37	≤-28.71	3.71	PASS

Note:

1. The Antenna Gain is compensated in the graph.

Test Graphs

