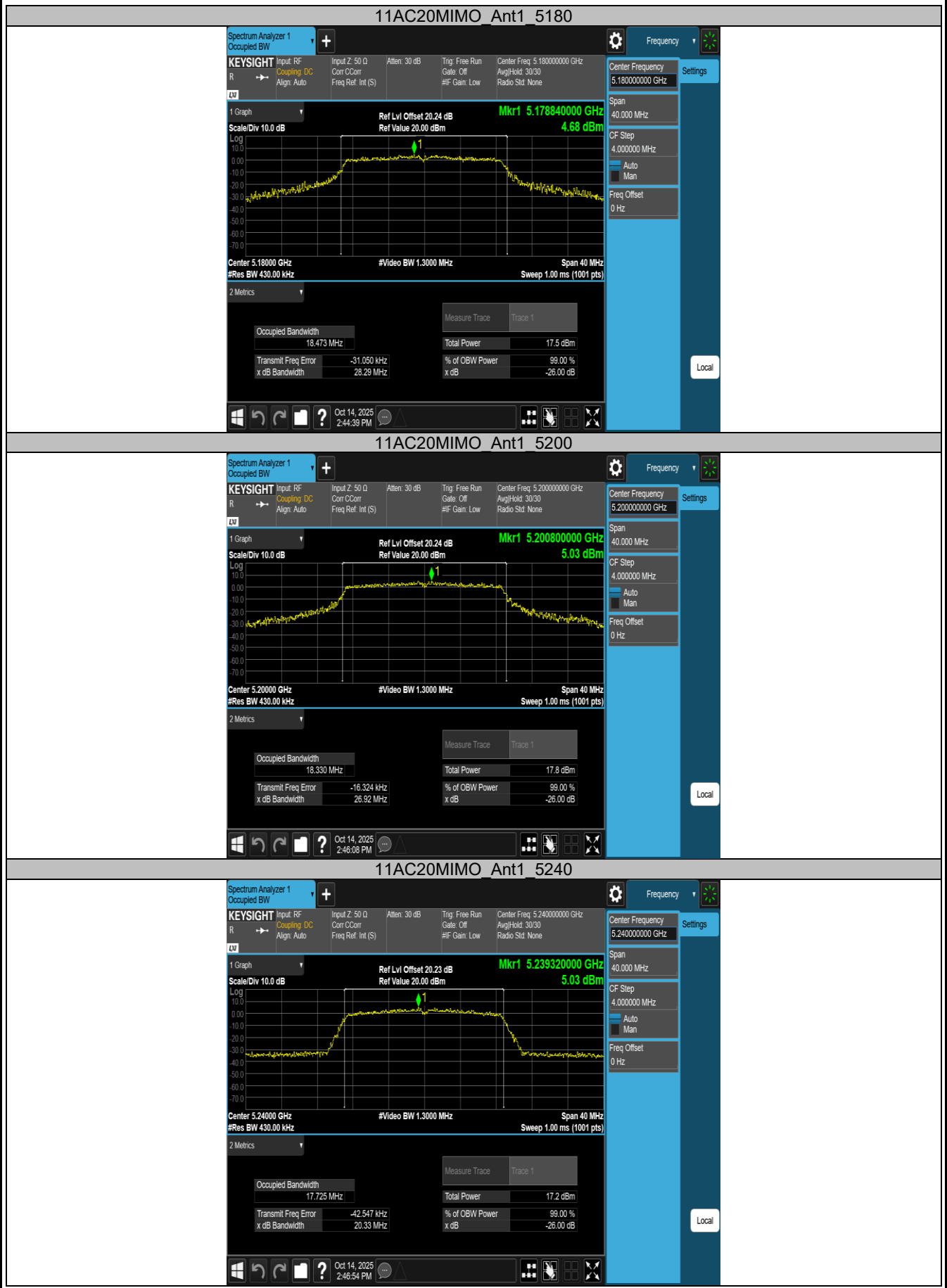
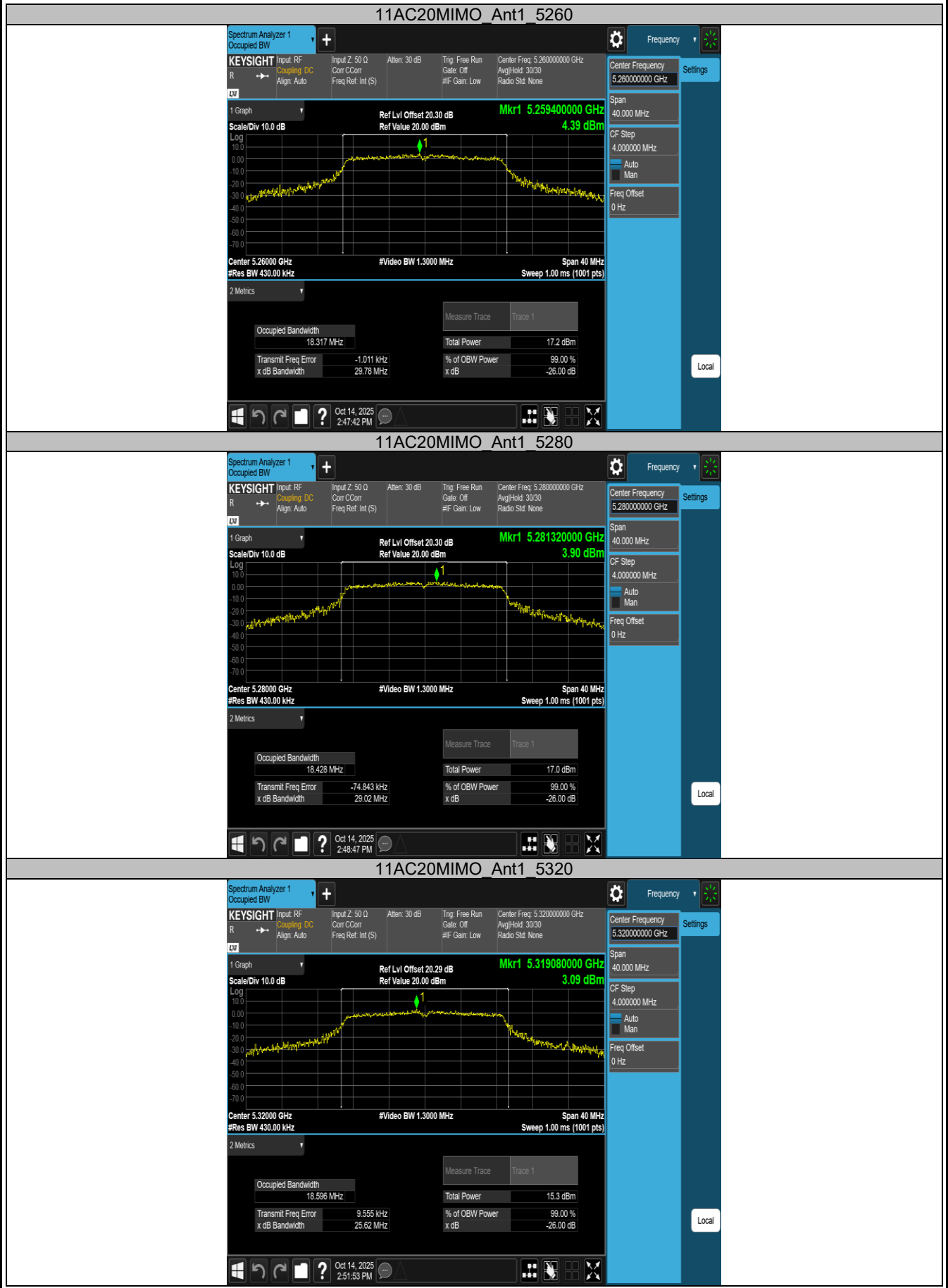
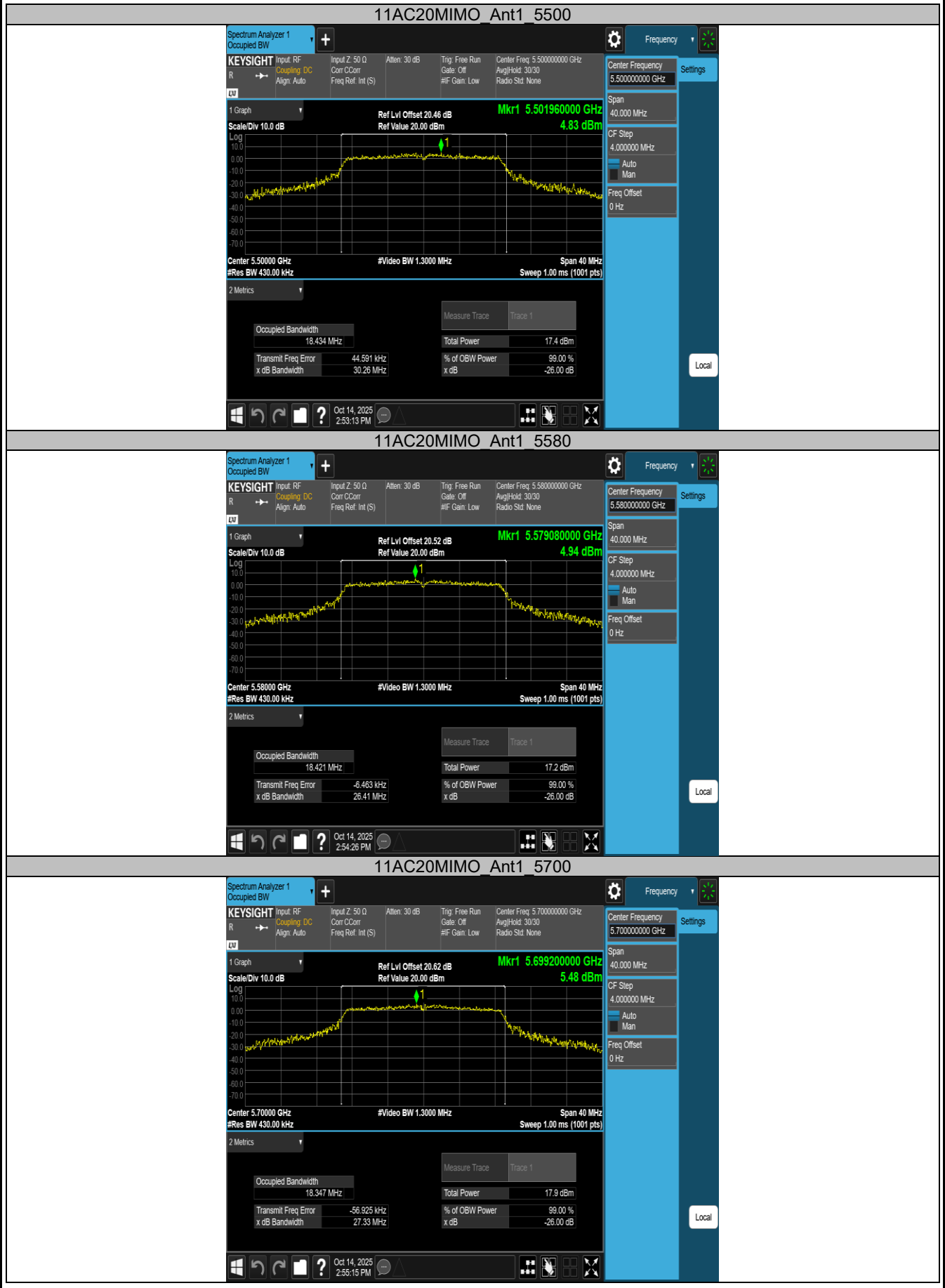
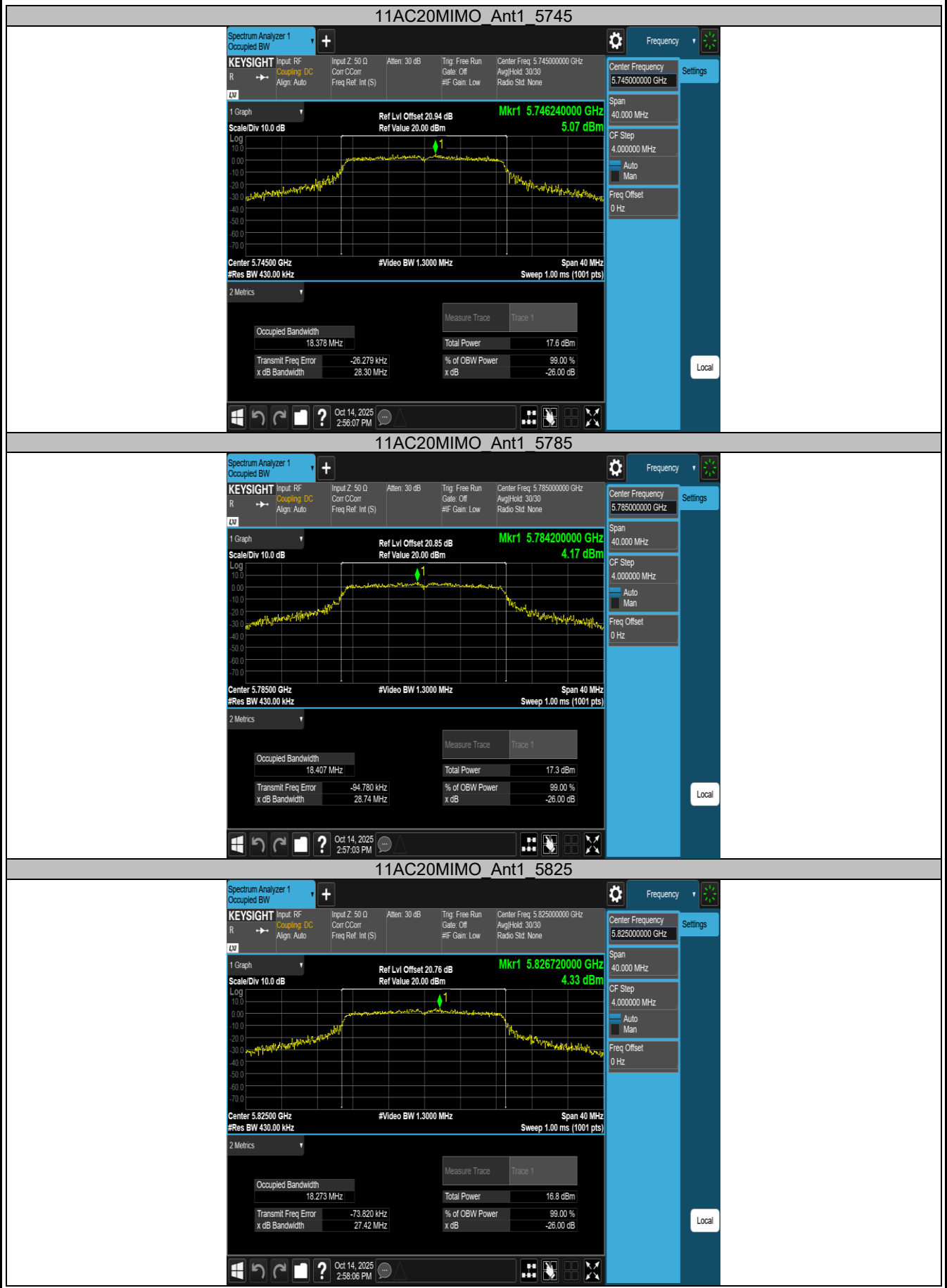




















Appendix A.3: Test Results of 6dB Bandwidth

Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-SISO	Ant1	5745	16.080	5736.880	5752.960	0.5	PASS
		5785	14.000	5777.560	5791.560	0.5	PASS
		5825	16.320	5816.960	5833.280	0.5	PASS
11N20MIMO	Ant1	5745	17.600	5736.440	5754.040	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11N40MIMO	Ant1	5755	30.080	5740.200	5770.280	0.5	PASS
		5795	35.920	5776.840	5812.760	0.5	PASS
11AC20MIMO	Ant1	5745	17.280	5736.360	5753.640	0.5	PASS
		5785	16.920	5776.480	5793.400	0.5	PASS
		5825	17.600	5816.160	5833.760	0.5	PASS
11AC40MIMO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	32.320	5778.680	5811.000	0.5	PASS
11AC80MIMO	Ant1	5775	71.200	5737.560	5808.760	0.5	PASS

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AX20MIMO	Ant1	5745	18.880	5735.480	5754.360	0.5	PASS
		5785	18.400	5775.560	5793.960	0.5	PASS
		5825	17.400	5815.880	5833.280	0.5	PASS
11AX40MIMO	Ant1	5755	37.440	5736.360	5773.800	0.5	PASS
		5795	36.720	5776.600	5813.320	0.5	PASS
11AX80MIMO	Ant1	5775	76.320	5736.120	5812.440	0.5	PASS

Test Graphs

11A-SISO Ant1 5745



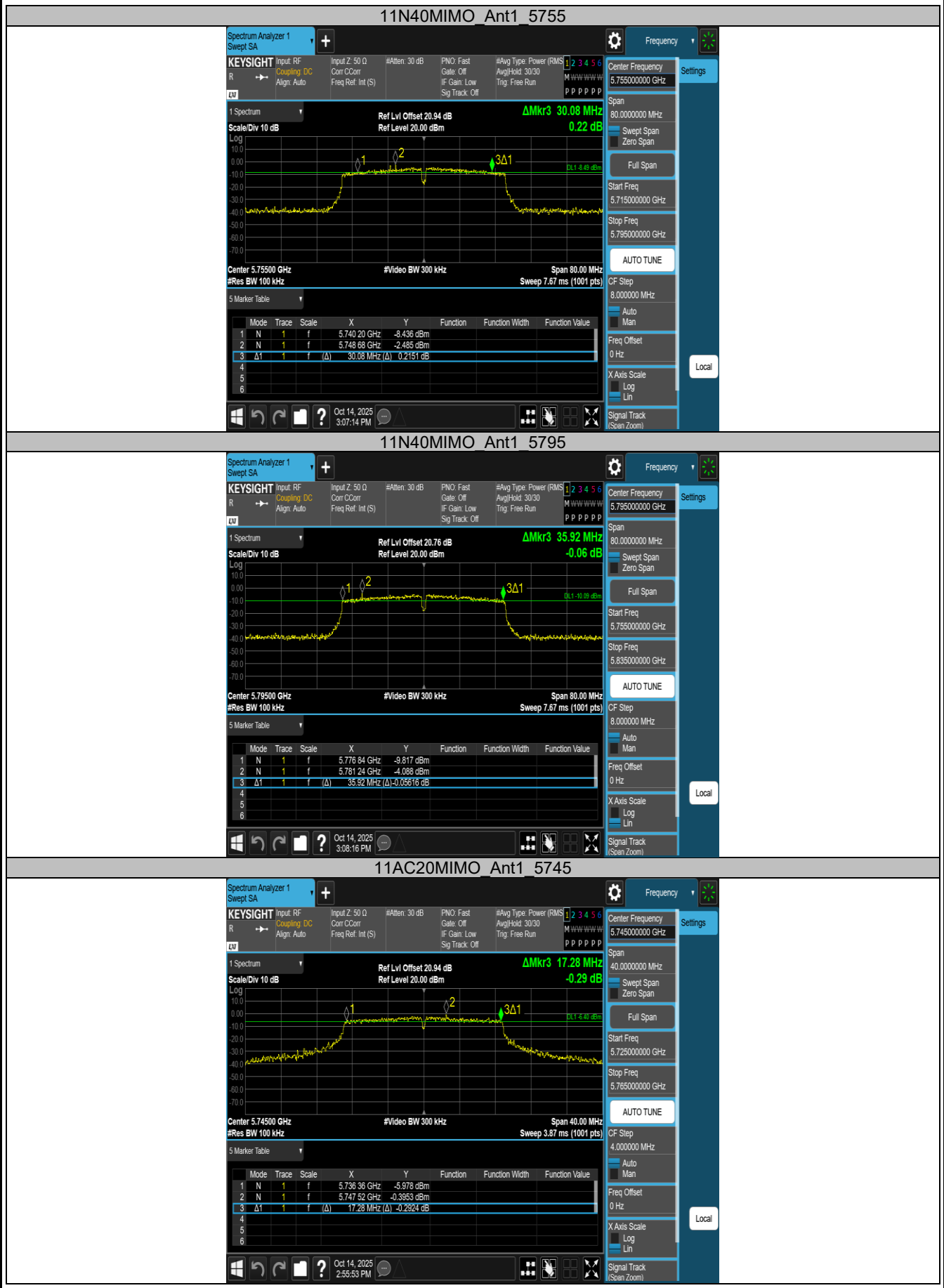
11A-SISO Ant1 5785



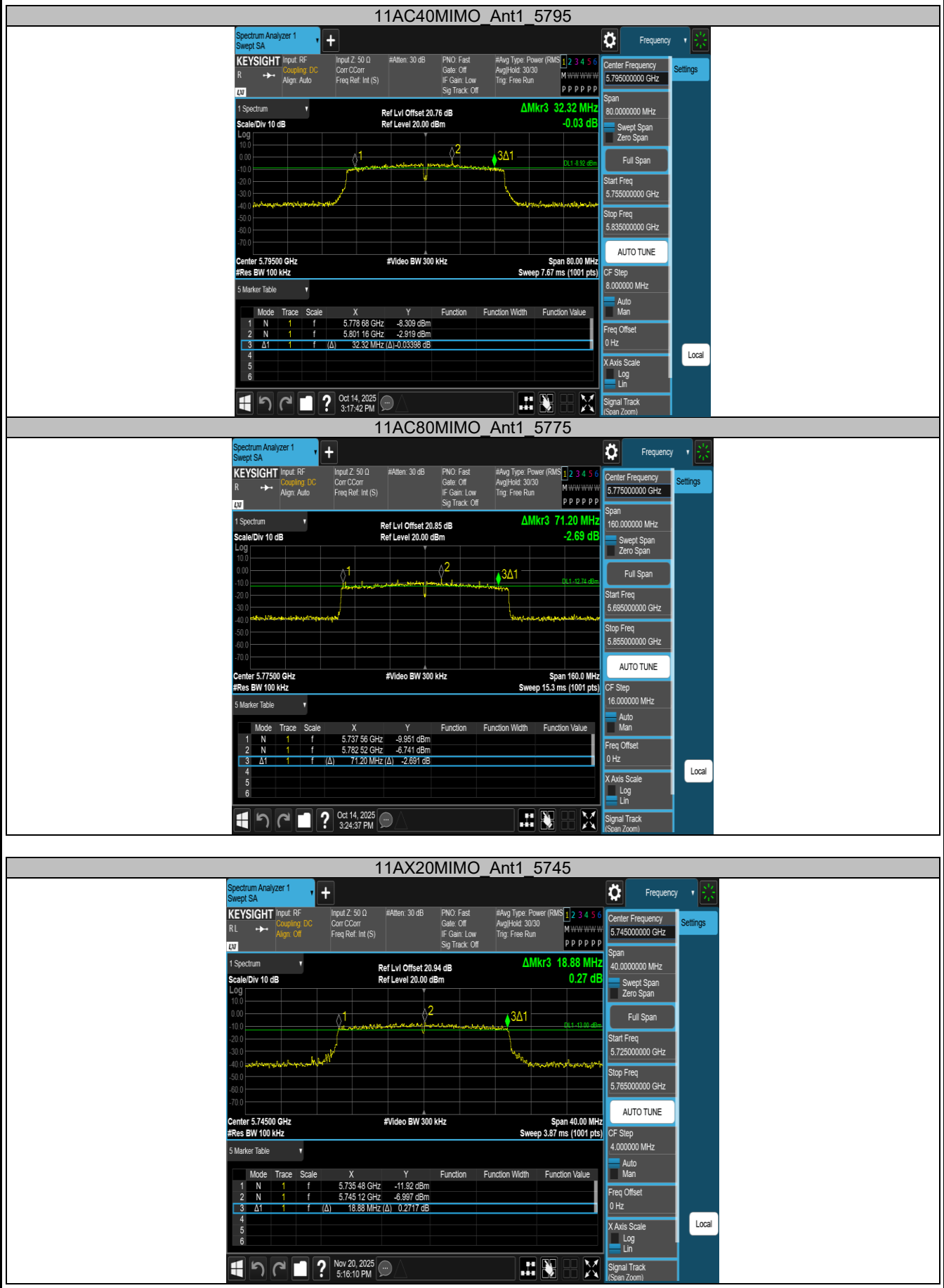
11A-SISO Ant1 5825

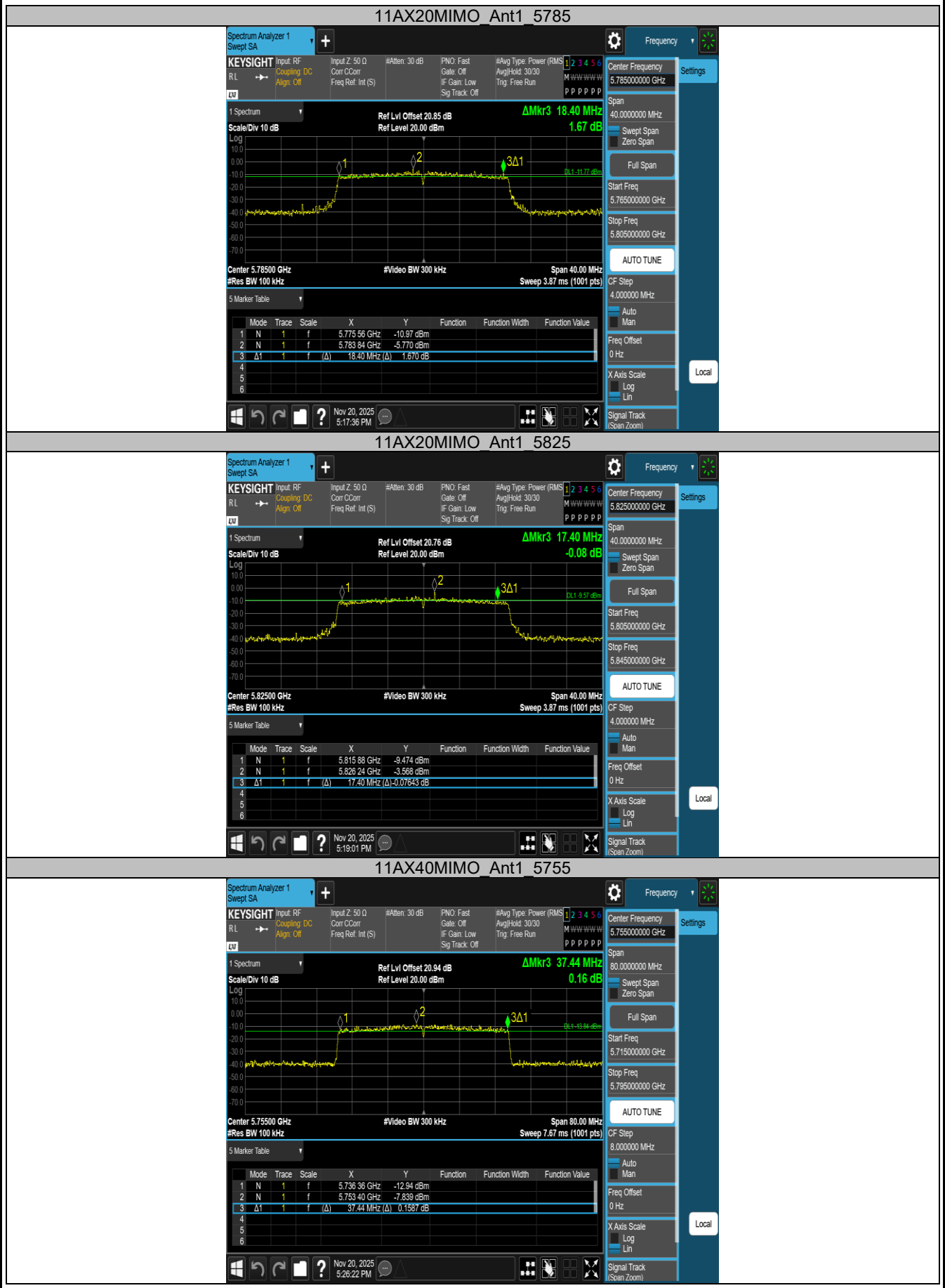














Appendix A.4: Test Results of Maximum output power*Test Result*

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A-SISO	Ant1	5180	11.40	≤23.98	PASS
	Ant2	5180	10.30	≤23.98	PASS
	Ant1	5200	10.83	≤23.98	PASS
	Ant2	5200	9.97	≤23.98	PASS
	Ant1	5240	10.87	≤23.98	PASS
	Ant2	5240	10.59	≤23.98	PASS
	Ant1	5260	15.86	≤23.98	PASS
	Ant2	5260	12.60	≤23.98	PASS
	Ant1	5280	15.23	≤23.98	PASS
	Ant2	5280	12.13	≤23.98	PASS
	Ant1	5320	15.49	≤23.98	PASS
	Ant2	5320	11.98	≤23.98	PASS
	Ant1	5500	15.13	≤23.98	PASS
	Ant2	5500	12.63	≤23.98	PASS
	Ant1	5580	15.11	≤23.98	PASS
	Ant2	5580	10.05	≤23.98	PASS
	Ant1	5700	15.04	≤23.98	PASS
	Ant2	5700	6.79	≤23.98	PASS
	Ant1	5745	15.52	≤30.00	PASS
	Ant2	5745	8.30	≤30.00	PASS
	Ant1	5785	14.68	≤30.00	PASS
	Ant2	5785	8.38	≤30.00	PASS
	Ant1	5825	13.24	≤30.00	PASS
	Ant2	5825	8.84	≤30.00	PASS
11N20MIMO	Ant1	5180	11.27	≤23.98	PASS
	Ant2	5180	10.20	≤23.98	PASS
	total	5180	13.78	≤23.98	PASS
	Ant1	5200	10.79	≤23.98	PASS
	Ant2	5200	9.90	≤23.98	PASS
	total	5200	13.38	≤23.98	PASS
	Ant1	5240	10.50	≤23.98	PASS
	Ant2	5240	10.59	≤23.98	PASS
	total	5240	13.56	≤23.98	PASS
	Ant1	5260	15.38	≤23.98	PASS
	Ant2	5260	12.46	≤23.98	PASS
	total	5260	17.17	≤23.98	PASS
	Ant1	5280	14.93	≤23.98	PASS
	Ant2	5280	11.77	≤23.98	PASS
	total	5280	16.64	≤23.98	PASS
	Ant1	5320	15.09	≤23.98	PASS
	Ant2	5320	11.61	≤23.98	PASS
	total	5320	16.70	≤23.98	PASS
	Ant1	5500	14.65	≤23.98	PASS
	Ant2	5500	11.93	≤23.98	PASS
	total	5500	16.51	≤23.98	PASS
	Ant1	5580	15.05	≤23.98	PASS
	Ant2	5580	9.32	≤23.98	PASS
	total	5580	16.08	≤23.98	PASS
	Ant1	5700	14.67	≤23.98	PASS
	Ant2	5700	6.38	≤23.98	PASS
	total	5700	15.27	≤23.98	PASS
	Ant1	5745	15.63	≤30.00	PASS
	Ant2	5745	7.94	≤30.00	PASS
	total	5745	16.31	≤30.00	PASS
	Ant1	5785	14.30	≤30.00	PASS
	Ant2	5785	8.26	≤30.00	PASS
	total	5785	15.27	≤30.00	PASS

	Ant1	5825	12.87	≤30.00	PASS
	Ant2	5825	8.42	≤30.00	PASS
	total	5825	14.20	≤30.00	PASS
11N40MIMO	Ant1	5190	10.92	≤23.98	PASS
	Ant2	5190	9.78	≤23.98	PASS
	total	5190	13.40	≤23.98	PASS
	Ant1	5230	10.58	≤23.98	PASS
	Ant2	5230	10.32	≤23.98	PASS
	total	5230	13.46	≤23.98	PASS
	Ant1	5270	14.97	≤23.98	PASS
	Ant2	5270	12.03	≤23.98	PASS
	total	5270	16.75	≤23.98	PASS
	Ant1	5310	14.79	≤23.98	PASS
	Ant2	5310	11.47	≤23.98	PASS
	total	5310	16.45	≤23.98	PASS
	Ant1	5510	14.35	≤23.98	PASS
	Ant2	5510	11.75	≤23.98	PASS
	total	5510	16.25	≤23.98	PASS
	Ant1	5550	14.82	≤23.98	PASS
	Ant2	5550	10.49	≤23.98	PASS
	total	5550	16.18	≤23.98	PASS
	Ant1	5670	15.16	≤23.98	PASS
	Ant2	5670	6.90	≤23.98	PASS
	total	5670	15.76	≤23.98	PASS
	Ant1	5755	15.13	≤30.00	PASS
	Ant2	5755	8.05	≤30.00	PASS
	total	5755	15.91	≤30.00	PASS
	Ant1	5795	13.84	≤30.00	PASS
	Ant2	5795	7.91	≤30.00	PASS
	total	5795	14.83	≤30.00	PASS
11AC20MIMO	Ant1	5180	11.09	≤23.98	PASS
	Ant2	5180	10.32	≤23.98	PASS
	total	5180	13.73	≤23.98	PASS
	Ant1	5200	10.48	≤23.98	PASS
	Ant2	5200	10.04	≤23.98	PASS
	total	5200	13.28	≤23.98	PASS
	Ant1	5240	10.42	≤23.98	PASS
	Ant2	5240	10.24	≤23.98	PASS
	total	5240	13.34	≤23.98	PASS
	Ant1	5260	15.07	≤23.98	PASS
	Ant2	5260	11.99	≤23.98	PASS
	total	5260	16.81	≤23.98	PASS
	Ant1	5280	15.06	≤23.98	PASS
	Ant2	5280	11.94	≤23.98	PASS
	total	5280	16.78	≤23.98	PASS
	Ant1	5320	15.00	≤23.98	PASS
	Ant2	5320	11.78	≤23.98	PASS
	total	5320	16.69	≤23.98	PASS
	Ant1	5500	14.76	≤23.98	PASS
	Ant2	5500	12.32	≤23.98	PASS
	total	5500	16.72	≤23.98	PASS
	Ant1	5580	14.97	≤23.98	PASS
	Ant2	5580	9.45	≤23.98	PASS
	total	5580	16.04	≤23.98	PASS
	Ant1	5700	14.50	≤23.98	PASS
	Ant2	5700	6.48	≤23.98	PASS
	total	5700	15.14	≤23.98	PASS
	Ant1	5745	15.71	≤30.00	PASS
	Ant2	5745	7.84	≤30.00	PASS
	total	5745	16.37	≤30.00	PASS
	Ant1	5785	14.15	≤30.00	PASS
	Ant2	5785	8.14	≤30.00	PASS
	total	5785	15.12	≤30.00	PASS

	Ant1	5825	12.99	≤30.00	PASS
	Ant2	5825	8.63	≤30.00	PASS
	total	5825	14.35	≤30.00	PASS
11AC40MIMO	Ant1	5190	10.72	≤23.98	PASS
	Ant2	5190	10.02	≤23.98	PASS
	total	5190	13.39	≤23.98	PASS
	Ant1	5230	10.63	≤23.98	PASS
	Ant2	5230	10.51	≤23.98	PASS
	total	5230	13.58	≤23.98	PASS
	Ant1	5270	14.94	≤23.98	PASS
	Ant2	5270	12.18	≤23.98	PASS
	total	5270	16.79	≤23.98	PASS
	Ant1	5310	15.18	≤23.98	PASS
	Ant2	5310	11.86	≤23.98	PASS
	total	5310	16.84	≤23.98	PASS
	Ant1	5510	14.76	≤23.98	PASS
	Ant2	5510	12.00	≤23.98	PASS
	total	5510	16.61	≤23.98	PASS
	Ant1	5550	14.50	≤23.98	PASS
	Ant2	5550	10.69	≤23.98	PASS
	total	5550	16.01	≤23.98	PASS
	Ant1	5670	15.60	≤23.98	PASS
	Ant2	5670	7.28	≤23.98	PASS
	total	5670	16.20	≤23.98	PASS
	Ant1	5755	15.52	≤30.00	PASS
	Ant2	5755	8.08	≤30.00	PASS
	total	5755	16.24	≤30.00	PASS
	Ant1	5795	14.32	≤30.00	PASS
	Ant2	5795	8.24	≤30.00	PASS
	total	5795	15.28	≤30.00	PASS
11AC80MIMO	Ant1	5210	11.22	≤23.98	PASS
	Ant2	5210	10.55	≤23.98	PASS
	total	5210	13.91	≤23.98	PASS
	Ant1	5290	14.98	≤23.98	PASS
	Ant2	5290	11.80	≤23.98	PASS
	total	5290	16.69	≤23.98	PASS
	Ant1	5530	14.37	≤23.98	PASS
	Ant2	5530	11.36	≤23.98	PASS
	total	5530	16.13	≤23.98	PASS
	Ant1	5610	15.14	≤23.98	PASS
	Ant2	5610	8.50	≤23.98	PASS
	total	5610	15.99	≤23.98	PASS
	Ant1	5775	14.75	≤30.00	PASS
	Ant2	5775	8.06	≤30.00	PASS
	total	5775	15.59	≤30.00	PASS

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11AX20MIMO	Ant1	5180	11.32	≤23.98	PASS
	Ant2	5180	10.41	≤23.98	PASS
	total	5180	13.90	≤23.98	PASS
	Ant1	5200	10.82	≤23.98	PASS
	Ant2	5200	10.12	≤23.98	PASS
	total	5200	13.49	≤23.98	PASS
	Ant1	5240	10.71	≤23.98	PASS
	Ant2	5240	10.49	≤23.98	PASS
	total	5240	13.61	≤23.98	PASS
	Ant1	5260	12.08	≤23.98	PASS
	Ant2	5260	9.92	≤23.98	PASS
	total	5260	14.14	≤23.98	PASS
	Ant1	5280	11.83	≤23.98	PASS
	Ant2	5280	10.34	≤23.98	PASS
	total	5280	14.16	≤23.98	PASS
	Ant1	5320	11.81	≤23.98	PASS
	Ant2	5320	10.48	≤23.98	PASS
	total	5320	14.21	≤23.98	PASS
	Ant1	5500	12.96	≤23.98	PASS
	Ant2	5500	11.10	≤23.98	PASS
	total	5500	15.14	≤23.98	PASS
	Ant1	5580	12.54	≤23.98	PASS
	Ant2	5580	10.32	≤23.98	PASS
	total	5580	14.58	≤23.98	PASS
	Ant1	5700	12.31	≤23.98	PASS
	Ant2	5700	9.33	≤23.98	PASS
	total	5700	14.08	≤23.98	PASS
	Ant1	5745	13.66	≤30.00	PASS
	Ant2	5745	11.18	≤30.00	PASS
	total	5745	15.60	≤30.00	PASS
	Ant1	5785	13.48	≤30.00	PASS
	Ant2	5785	11.51	≤30.00	PASS
	total	5785	15.62	≤30.00	PASS
	Ant1	5825	13.12	≤30.00	PASS
	Ant2	5825	11.54	≤30.00	PASS
	total	5825	15.41	≤30.00	PASS
11AX40MIMO	Ant1	5190	10.96	≤23.98	PASS
	Ant2	5190	10.13	≤23.98	PASS
	total	5190	13.58	≤23.98	PASS
	Ant1	5230	10.79	≤23.98	PASS
	Ant2	5230	10.74	≤23.98	PASS
	total	5230	13.78	≤23.98	PASS
	Ant1	5270	12.12	≤23.98	PASS
	Ant2	5270	10.18	≤23.98	PASS
	total	5270	14.27	≤23.98	PASS
	Ant1	5310	12.07	≤23.98	PASS
	Ant2	5310	10.75	≤23.98	PASS
	total	5310	14.47	≤23.98	PASS
	Ant1	5510	12.95	≤23.98	PASS
	Ant2	5510	10.99	≤23.98	PASS
	total	5510	15.09	≤23.98	PASS
	Ant1	5550	12.86	≤23.98	PASS
	Ant2	5550	10.96	≤23.98	PASS
	total	5550	15.02	≤23.98	PASS
	Ant1	5670	12.48	≤23.98	PASS
	Ant2	5670	10.27	≤23.98	PASS
	total	5670	14.52	≤23.98	PASS
	Ant1	5755	13.81	≤30.00	PASS
	Ant2	5755	12.25	≤30.00	PASS
	total	5755	16.11	≤30.00	PASS

	Ant1	5795	13.58	≤30.00	PASS
	Ant2	5795	12.49	≤30.00	PASS
	total	5795	16.08	≤30.00	PASS
11AX80MIMO	Ant1	5210	10.83	≤23.98	PASS
	Ant2	5210	10.27	≤23.98	PASS
	total	5210	13.57	≤23.98	PASS
	Ant1	5290	10.61	≤23.98	PASS
	Ant2	5290	8.73	≤23.98	PASS
	total	5290	12.78	≤23.98	PASS
	Ant1	5530	11.43	≤23.98	PASS
	Ant2	5530	9.59	≤23.98	PASS
	total	5530	13.62	≤23.98	PASS
	Ant1	5610	11.28	≤23.98	PASS
	Ant2	5610	8.88	≤23.98	PASS
	total	5610	13.25	≤23.98	PASS
	Ant1	5775	12.28	≤30.00	PASS
	Ant2	5775	10.53	≤30.00	PASS
	total	5775	14.50	≤30.00	PASS

U-NII 1: Max. e.i.r.p.= 13.91dBm+2.22dBi= 16.13dBm, which is less than 22.3dBm (10 dBm + 10 logB, dBm)

U-NII 2: Max. e.i.r.p.= 17.17dBm+3.35dBi= 20.52dBm, which is less than 29.3dBm (17 dBm + 10 logB, dBm)

Note:

1) The Duty Cycle Factor is compensated in the graph.

2) Antenna gain(G): max. 2.22dBi for U-NII Band 1, max. 3.35dBi for Band 2A/2C, e.i.r.p.=P(Conducted power)+ G

3) B is the 99% emission bandwidth in MHz

Appendix A.5: Test Results of Conducted Power Spectral Density

Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-SISO	Ant1	5180	-2.67	≤11.00	PASS
	Ant2	5180	-3.58	≤11.00	PASS
	total	5180	-2.07	≤11.00	PASS
	Ant1	5200	-2.57	≤11.00	PASS
	Ant2	5200	-3.30	≤11.00	PASS
	total	5200	-2.27	≤11.00	PASS
	Ant1	5240	-3.50	≤11.00	PASS
	Ant2	5240	-3.26	≤11.00	PASS
	total	5240	-3.00	≤11.00	PASS
	Ant1	5260	5.43	≤11.00	PASS
	Ant2	5260	3.03	≤11.00	PASS
	total	5260	7.40	≤11.00	PASS
	Ant1	5280	4.23	≤11.00	PASS
	Ant2	5280	2.72	≤11.00	PASS
	total	5280	6.55	≤11.00	PASS
	Ant1	5320	4.84	≤11.00	PASS
	Ant2	5320	1.99	≤11.00	PASS
	total	5320	6.66	≤11.00	PASS
	Ant1	5500	4.36	≤11.00	PASS
	Ant2	5500	2.56	≤11.00	PASS
	total	5500	6.56	≤11.00	PASS
	Ant1	5580	4.99	≤11.00	PASS
	Ant2	5580	0.42	≤11.00	PASS
	total	5580	6.29	≤11.00	PASS
	Ant1	5700	4.55	≤11.00	PASS
	Ant2	5700	-2.55	≤11.00	PASS
	total	5700	5.32	≤11.00	PASS
	Ant1	5745	3.43	≤30.00	PASS
	Ant2	5745	-4.12	≤30.00	PASS
	total	5745	4.13	≤30.00	PASS
	Ant1	5785	2.40	≤30.00	PASS
	Ant2	5785	-5.24	≤30.00	PASS
	total	5785	3.09	≤30.00	PASS
11N20MIMO	Ant1	5825	0.75	≤30.00	PASS
	Ant2	5825	-4.59	≤30.00	PASS
	total	5825	1.86	≤30.00	PASS
	Ant1	5180	-2.80	≤11.00	PASS
	Ant2	5180	-3.68	≤11.00	PASS
	total	5180	-0.21	≤11.00	PASS
	Ant1	5200	-2.98	≤11.00	PASS
	Ant2	5200	-3.57	≤11.00	PASS
	total	5200	-0.25	≤11.00	PASS
	Ant1	5240	-3.38	≤11.00	PASS
	Ant2	5240	-3.14	≤11.00	PASS
	total	5240	-0.25	≤11.00	PASS
	Ant1	5260	4.85	≤11.00	PASS
	Ant2	5260	3.15	≤11.00	PASS
	total	5260	7.09	≤11.00	PASS
	Ant1	5280	4.96	≤11.00	PASS
	Ant2	5280	2.25	≤11.00	PASS
	total	5280	6.82	≤11.00	PASS
	Ant1	5320	4.42	≤11.00	PASS
	Ant2	5320	1.90	≤11.00	PASS
	total	5320	6.35	≤11.00	PASS
	Ant1	5500	3.29	≤11.00	PASS
	Ant2	5500	2.29	≤11.00	PASS
	total	5500	5.83	≤11.00	PASS
	Ant1	5580	4.11	≤11.00	PASS
	Ant2	5580	0.65	≤11.00	PASS
	total	5580	5.73	≤11.00	PASS

	Ant1	5700	4.40	≤11.00	PASS
	Ant2	5700	-2.71	≤11.00	PASS
	total	5700	5.17	≤11.00	PASS
	Ant1	5745	2.36	≤30.00	PASS
	Ant2	5745	-4.89	≤30.00	PASS
	total	5745	3.11	≤30.00	PASS
	Ant1	5785	1.21	≤30.00	PASS
	Ant2	5785	-4.76	≤30.00	PASS
	total	5785	2.19	≤30.00	PASS
	Ant1	5825	-0.41	≤30.00	PASS
	Ant2	5825	-4.06	≤30.00	PASS
	total	5825	1.15	≤30.00	PASS
11N40MIMO	Ant1	5190	-5.66	≤11.00	PASS
	Ant2	5190	-6.27	≤11.00	PASS
	total	5190	-2.94	≤11.00	PASS
	Ant1	5230	-5.91	≤11.00	PASS
	Ant2	5230	-6.00	≤11.00	PASS
	total	5230	-2.94	≤11.00	PASS
	Ant1	5270	1.30	≤11.00	PASS
	Ant2	5270	-0.05	≤11.00	PASS
	total	5270	3.69	≤11.00	PASS
	Ant1	5310	1.16	≤11.00	PASS
	Ant2	5310	-0.39	≤11.00	PASS
	total	5310	3.46	≤11.00	PASS
	Ant1	5510	0.95	≤11.00	PASS
	Ant2	5510	-0.91	≤11.00	PASS
	total	5510	3.13	≤11.00	PASS
	Ant1	5550	1.76	≤11.00	PASS
	Ant2	5550	-1.89	≤11.00	PASS
	total	5550	3.32	≤11.00	PASS
	Ant1	5670	2.22	≤11.00	PASS
	Ant2	5670	-4.98	≤11.00	PASS
	total	5670	2.98	≤11.00	PASS
	Ant1	5755	-0.79	≤30.00	PASS
	Ant2	5755	-7.91	≤30.00	PASS
	total	5755	-0.02	≤30.00	PASS
	Ant1	5795	-1.41	≤30.00	PASS
	Ant2	5795	-6.78	≤30.00	PASS
	total	5795	-0.30	≤30.00	PASS
11AC20MIMO	Ant1	5180	-2.71	≤11.00	PASS
	Ant2	5180	-3.53	≤11.00	PASS
	total	5180	-0.09	≤11.00	PASS
	Ant1	5200	-3.03	≤11.00	PASS
	Ant2	5200	-3.34	≤11.00	PASS
	total	5200	-0.17	≤11.00	PASS
	Ant1	5240	-2.99	≤11.00	PASS
	Ant2	5240	-3.00	≤11.00	PASS
	total	5240	0.02	≤11.00	PASS
	Ant1	5260	4.45	≤11.00	PASS
	Ant2	5260	2.51	≤11.00	PASS
	total	5260	6.60	≤11.00	PASS
	Ant1	5280	4.50	≤11.00	PASS
	Ant2	5280	2.18	≤11.00	PASS
	total	5280	6.50	≤11.00	PASS
	Ant1	5320	4.59	≤11.00	PASS
	Ant2	5320	2.47	≤11.00	PASS
	total	5320	6.67	≤11.00	PASS
	Ant1	5500	3.23	≤11.00	PASS
	Ant2	5500	2.21	≤11.00	PASS
	total	5500	5.76	≤11.00	PASS
	Ant1	5580	4.17	≤11.00	PASS
	Ant2	5580	1.13	≤11.00	PASS
	total	5580	5.92	≤11.00	PASS

	Ant1	5700	4.45	≤11.00	PASS
	Ant2	5700	-2.29	≤11.00	PASS
	total	5700	5.28	≤11.00	PASS
	Ant1	5745	2.47	≤30.00	PASS
	Ant2	5745	-4.63	≤30.00	PASS
	total	5745	3.24	≤30.00	PASS
	Ant1	5785	1.35	≤30.00	PASS
	Ant2	5785	-4.03	≤30.00	PASS
	total	5785	2.46	≤30.00	PASS
	Ant1	5825	-0.82	≤30.00	PASS
	Ant2	5825	-3.98	≤30.00	PASS
	total	5825	0.89	≤30.00	PASS
11AC40MIMO	Ant1	5190	-5.76	≤11.00	PASS
	Ant2	5190	-6.41	≤11.00	PASS
	total	5190	-3.06	≤11.00	PASS
	Ant1	5230	-6.03	≤11.00	PASS
	Ant2	5230	-5.90	≤11.00	PASS
	total	5230	-2.95	≤11.00	PASS
	Ant1	5270	2.25	≤11.00	PASS
	Ant2	5270	0.40	≤11.00	PASS
	total	5270	4.43	≤11.00	PASS
	Ant1	5310	1.31	≤11.00	PASS
	Ant2	5310	0.03	≤11.00	PASS
	total	5310	3.73	≤11.00	PASS
	Ant1	5510	1.41	≤11.00	PASS
	Ant2	5510	-0.64	≤11.00	PASS
	total	5510	3.52	≤11.00	PASS
	Ant1	5550	1.16	≤11.00	PASS
	Ant2	5550	-1.56	≤11.00	PASS
	total	5550	3.02	≤11.00	PASS
	Ant1	5670	3.19	≤11.00	PASS
	Ant2	5670	-4.83	≤11.00	PASS
	total	5670	3.83	≤11.00	PASS
	Ant1	5755	0.70	≤30.00	PASS
	Ant2	5755	-7.14	≤30.00	PASS
	total	5755	1.36	≤30.00	PASS
	Ant1	5795	-1.58	≤30.00	PASS
	Ant2	5795	-7.34	≤30.00	PASS
	total	5795	-0.56	≤30.00	PASS
11AC80MIMO	Ant1	5210	-8.56	≤11.00	PASS
	Ant2	5210	-8.72	≤11.00	PASS
	total	5210	-5.63	≤11.00	PASS
	Ant1	5290	-1.76	≤11.00	PASS
	Ant2	5290	-2.25	≤11.00	PASS
	total	5290	1.01	≤11.00	PASS
	Ant1	5530	-2.53	≤11.00	PASS
	Ant2	5530	-3.16	≤11.00	PASS
	total	5530	0.18	≤11.00	PASS
	Ant1	5610	-0.27	≤11.00	PASS
	Ant2	5610	-5.27	≤11.00	PASS
	total	5610	0.92	≤11.00	PASS
	Ant1	5775	-4.60	≤30.00	PASS
	Ant2	5775	-7.64	≤30.00	PASS
	total	5775	-2.85	≤30.00	PASS

Prüfbericht - Produkte

Test Report - Products

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11AX20MIMO	Ant1	5180	-2.59	≤11.00	PASS
	Ant2	5180	-3.79	≤11.00	PASS
	total	5180	-0.14	≤11.00	PASS
	Ant1	5200	-3.30	≤11.00	PASS
	Ant2	5200	-3.59	≤11.00	PASS
	total	5200	-0.43	≤11.00	PASS
	Ant1	5240	-3.85	≤11.00	PASS
	Ant2	5240	-3.36	≤11.00	PASS
	total	5240	-0.59	≤11.00	PASS
	Ant1	5260	-1.78	≤11.00	PASS
	Ant2	5260	-3.89	≤11.00	PASS
	total	5260	0.30	≤11.00	PASS
	Ant1	5280	-2.13	≤11.00	PASS
	Ant2	5280	-4.01	≤11.00	PASS
	total	5280	0.04	≤11.00	PASS
	Ant1	5320	-2.70	≤11.00	PASS
	Ant2	5320	-3.57	≤11.00	PASS
	total	5320	-0.10	≤11.00	PASS
	Ant1	5500	-1.08	≤11.00	PASS
	Ant2	5500	-2.73	≤11.00	PASS
	total	5500	1.18	≤11.00	PASS
	Ant1	5580	-0.30	≤11.00	PASS
	Ant2	5580	-2.83	≤11.00	PASS
	total	5580	1.63	≤11.00	PASS
	Ant1	5700	-0.48	≤11.00	PASS
	Ant2	5700	-4.47	≤11.00	PASS
	total	5700	0.98	≤11.00	PASS
	Ant1	5745	-1.24	≤30.00	PASS
	Ant2	5745	-5.07	≤30.00	PASS
	total	5745	0.26	≤30.00	PASS
	Ant1	5785	-1.63	≤30.00	PASS
	Ant2	5785	-4.11	≤30.00	PASS
	total	5785	0.31	≤30.00	PASS
	Ant1	5825	-2.32	≤30.00	PASS
	Ant2	5825	-3.63	≤30.00	PASS
	total	5825	0.08	≤30.00	PASS
11AX40MIMO	Ant1	5190	-5.93	≤11.00	PASS
	Ant2	5190	-6.84	≤11.00	PASS
	total	5190	-3.35	≤11.00	PASS
	Ant1	5230	-5.78	≤11.00	PASS
	Ant2	5230	-6.30	≤11.00	PASS
	total	5230	-3.02	≤11.00	PASS
	Ant1	5270	-4.40	≤11.00	PASS
	Ant2	5270	-6.09	≤11.00	PASS
	total	5270	-2.15	≤11.00	PASS
	Ant1	5310	-4.97	≤11.00	PASS
	Ant2	5310	-34.04	≤11.00	PASS
	total	5310	-4.96	≤11.00	PASS
	Ant1	5510	-3.78	≤11.00	PASS
	Ant2	5510	-5.58	≤11.00	PASS
	total	5510	-1.58	≤11.00	PASS
	Ant1	5550	-3.23	≤11.00	PASS
	Ant2	5550	-5.35	≤11.00	PASS
	total	5550	-1.15	≤11.00	PASS
	Ant1	5670	-3.31	≤11.00	PASS
	Ant2	5670	-5.25	≤11.00	PASS
	total	5670	-1.16	≤11.00	PASS
	Ant1	5755	-4.07	≤30.00	PASS
	Ant2	5755	-6.68	≤30.00	PASS
	total	5755	-2.17	≤30.00	PASS

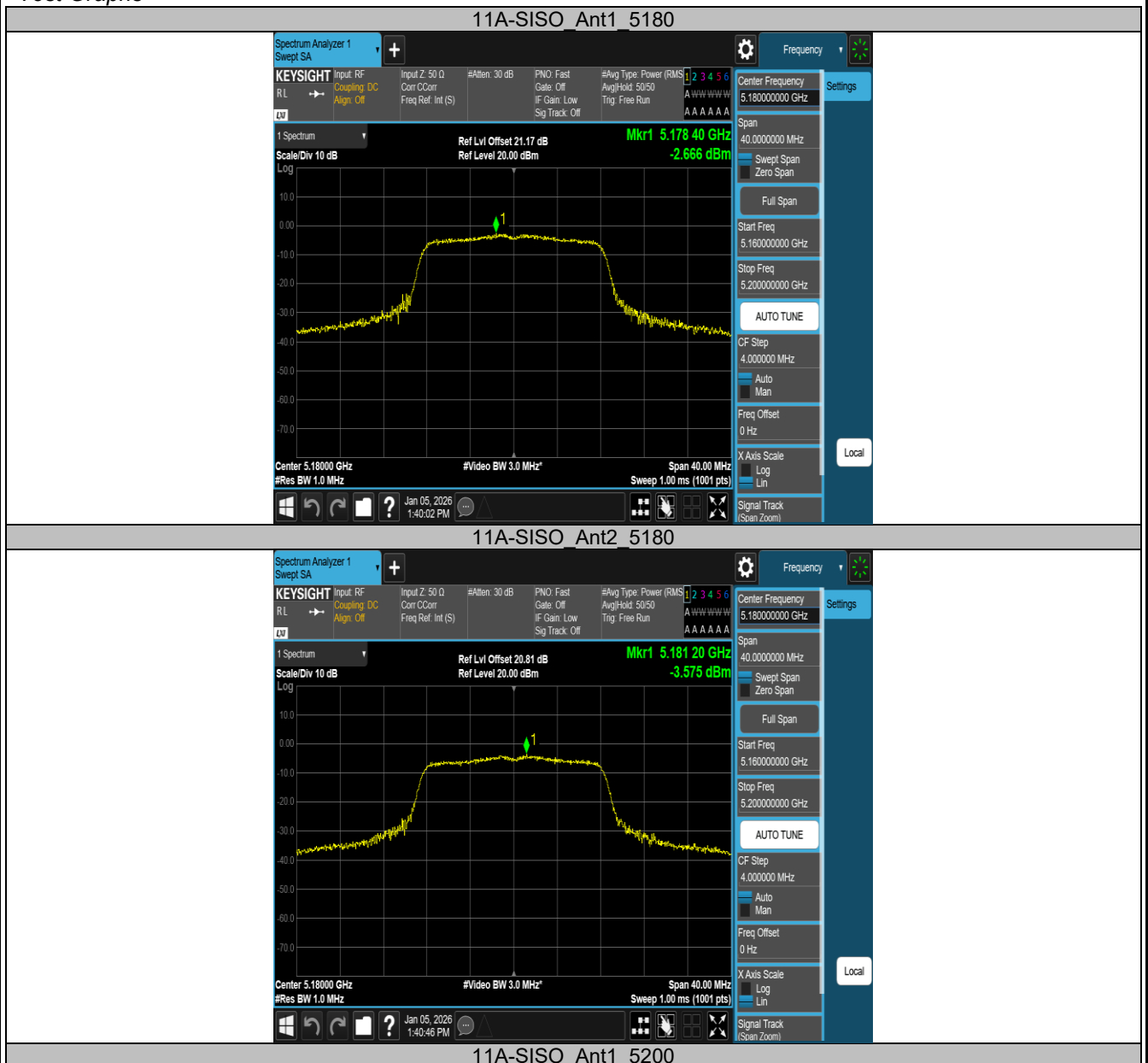
	Ant1	5795	-5.21	≤30.00	PASS
	Ant2	5795	-6.45	≤30.00	PASS
	total	5795	-2.78	≤30.00	PASS
11AX80MIMO	Ant1	5210	-8.69	≤11.00	PASS
	Ant2	5210	-9.51	≤11.00	PASS
	total	5210	-6.07	≤11.00	PASS
	Ant1	5290	-8.89	≤11.00	PASS
	Ant2	5290	-11.13	≤11.00	PASS
	total	5290	-6.86	≤11.00	PASS
	Ant1	5530	-9.07	≤11.00	PASS
	Ant2	5530	-10.10	≤11.00	PASS
	total	5530	-6.54	≤11.00	PASS
	Ant1	5610	-6.69	≤11.00	PASS
	Ant2	5610	-10.23	≤11.00	PASS
	total	5610	-5.10	≤11.00	PASS
	Ant1	5775	-8.87	≤30.00	PASS
	Ant2	5775	-10.79	≤30.00	PASS
	total	5775	-6.71	≤30.00	PASS

U-NII 1: Max. e.i.r.p. spectral density= 0.02dBm+4.84dBi= 4.86dBm/MHz, which is less than 10dBm/MHz

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G): max. 4.84dBi for U-NII Band 1 MIMO mode.
- 3) B is the 99% emission bandwidth in MHz

Test Graphs

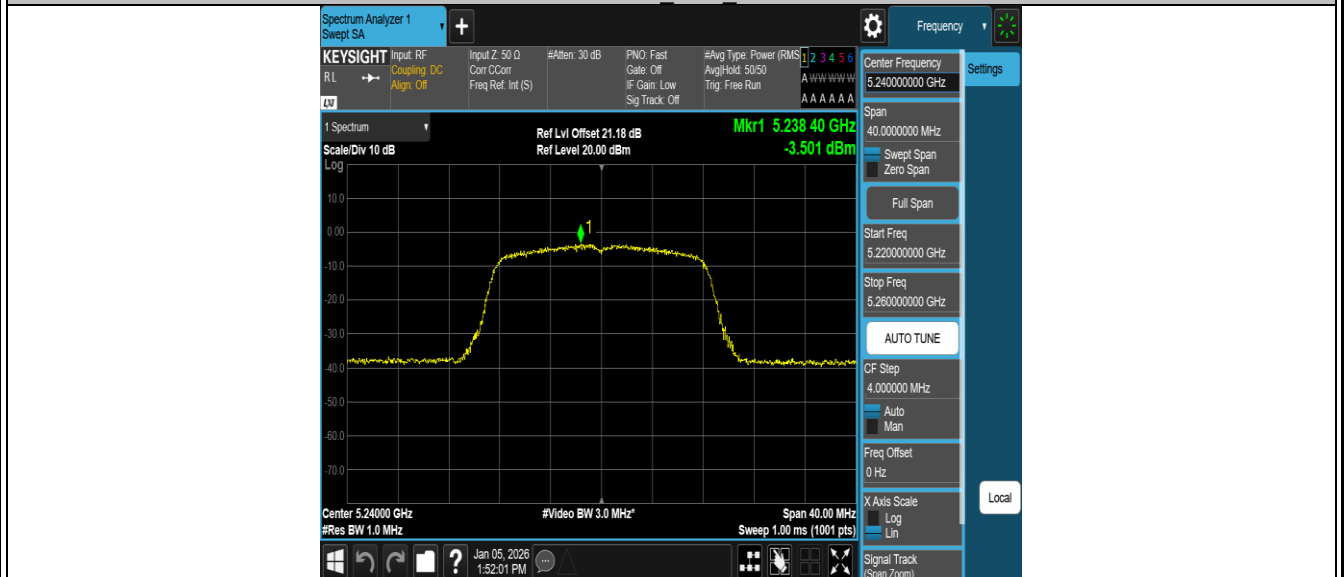




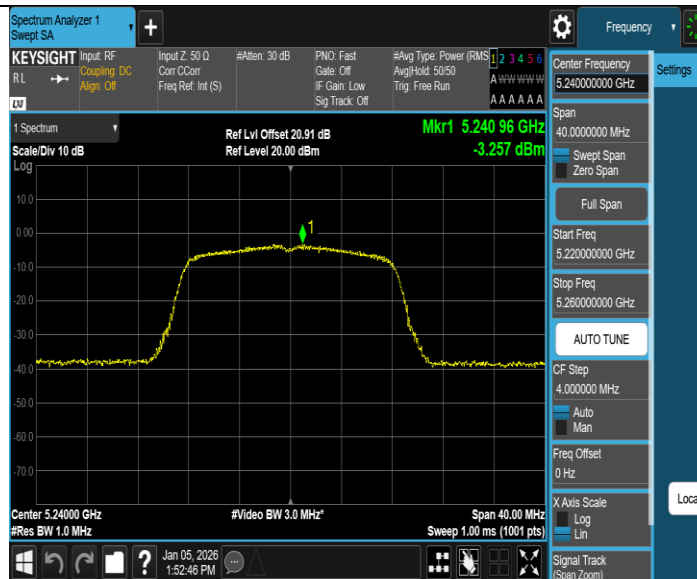
11A-SISO_Ant2_5200



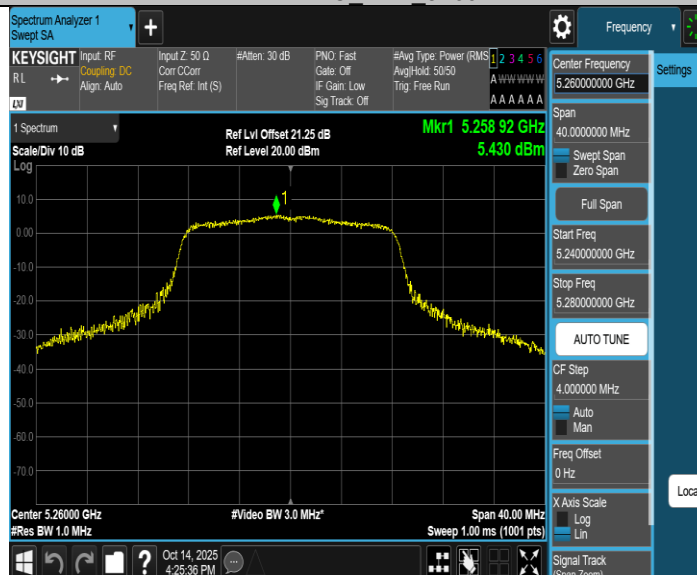
11A-SISO_Ant1_5240



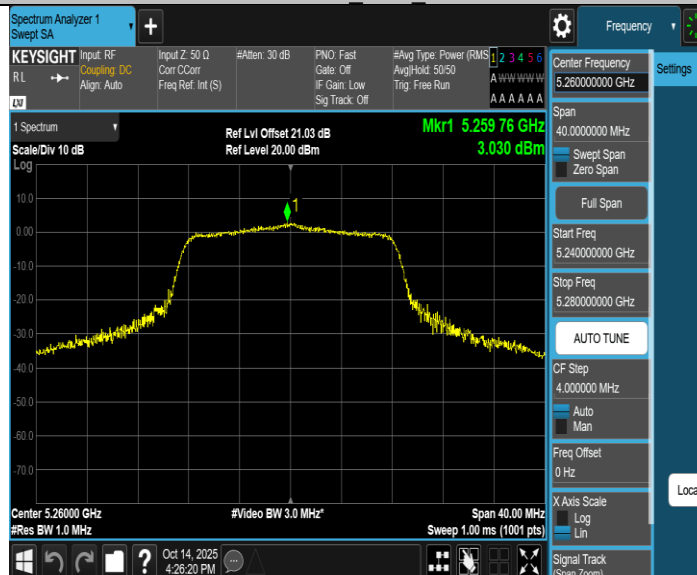
11A-SISO_Ant2_5240



11A-SISO_Ant1_5260



11A-SISO_Ant2_5260



11A-SISO_Ant1_5280