



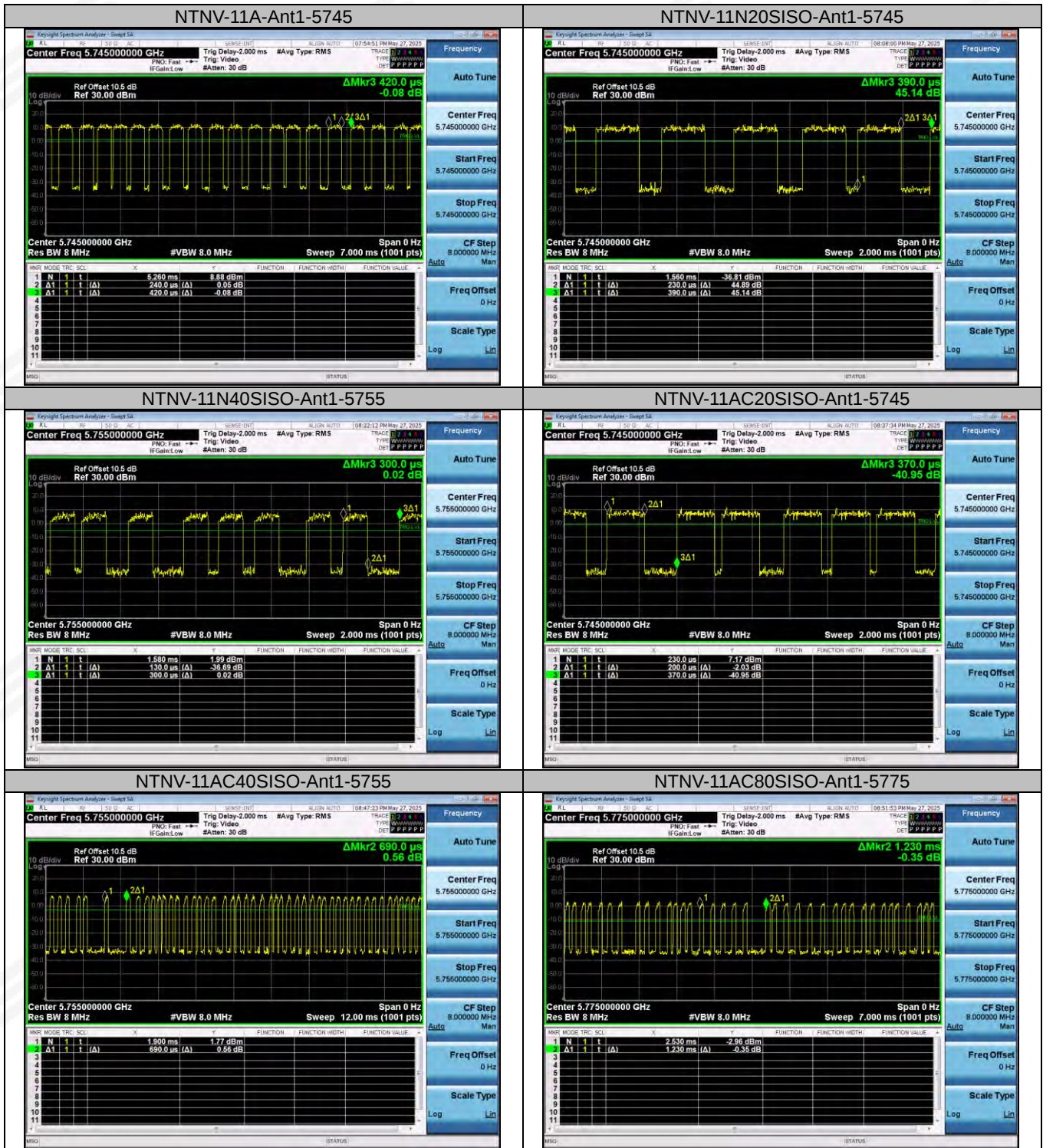
DUTY CYCLE

TEST RESULT AND DATA

Test Mode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	DC Factor
11A	Ant1	5745	0.24	0.42	57.14	2.43
11N20SISO	Ant1	5745	0.23	0.39	58.97	2.29
11N40SISO	Ant1	5755	0.13	0.30	43.33	3.63
11AC20SISO	Ant1	5745	0.20	0.37	54.05	2.67
11AC40SISO	Ant1	5755	0.11	0.69	15.94	7.98
11AC80SISO	Ant1	5775	0.36	1.23	29.27	5.34



TEST GRAPHS

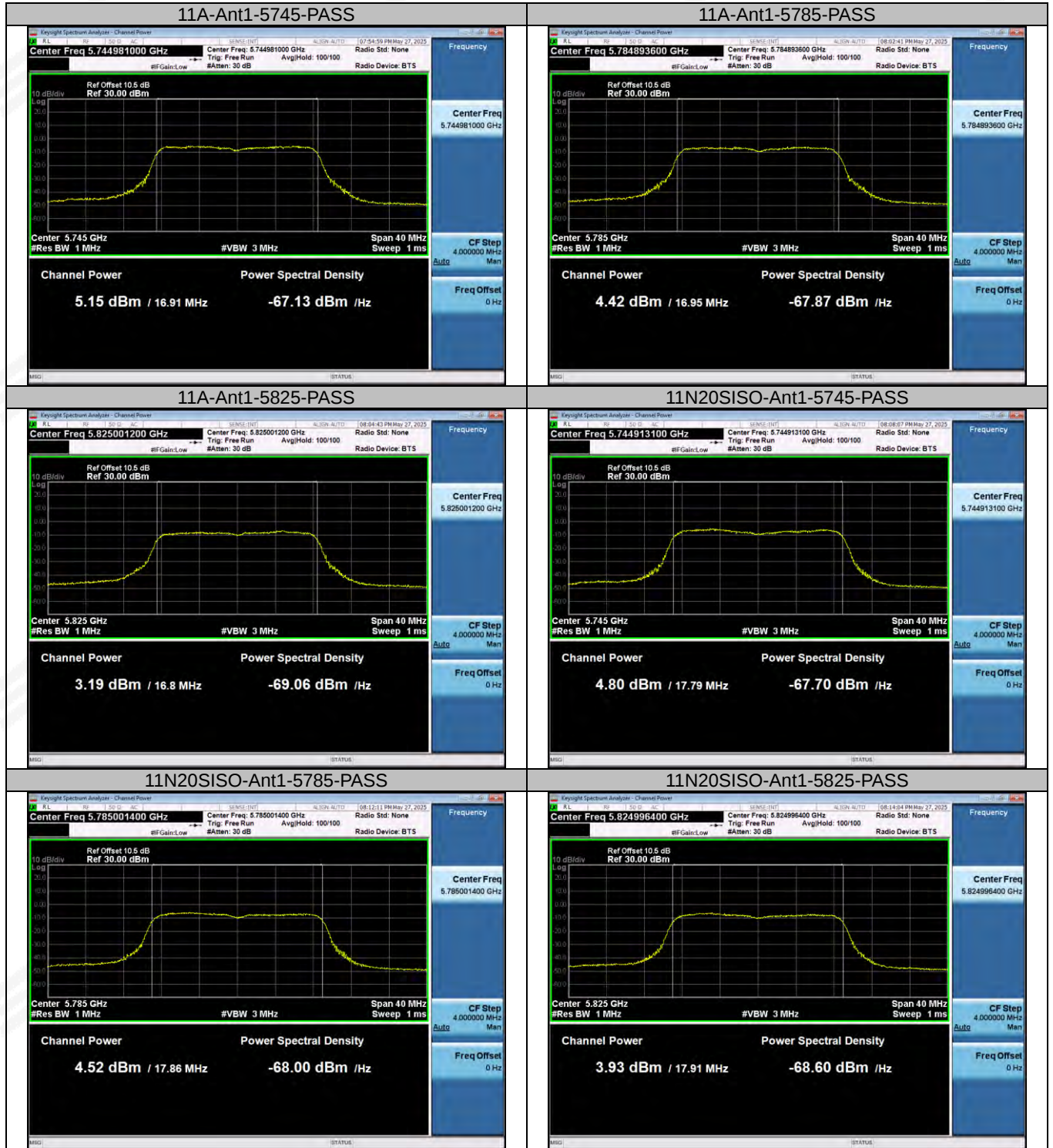


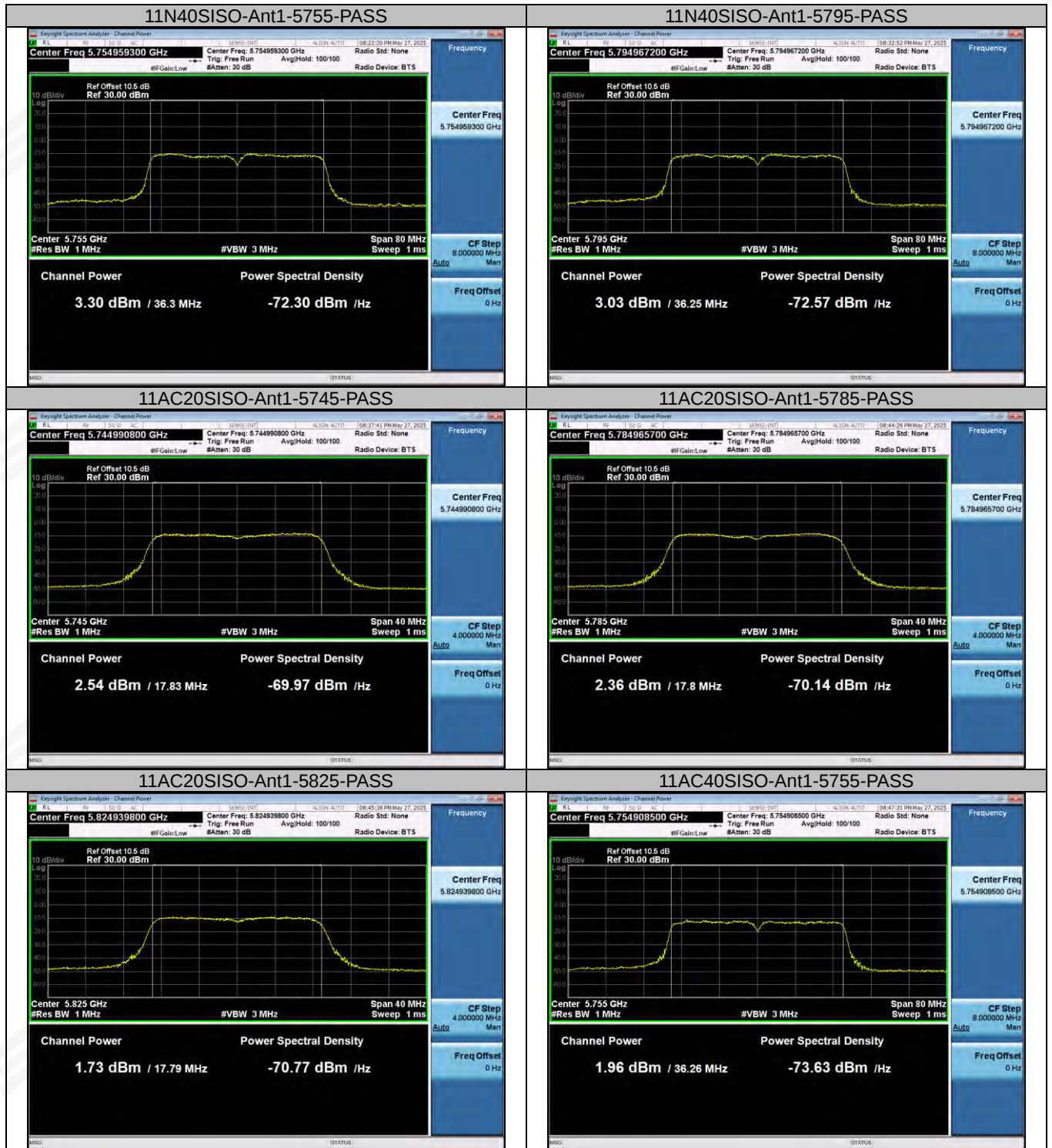
**MAXIMUM CONDUCTED OUTPUT POWER****TEST RESULT AND DATA**

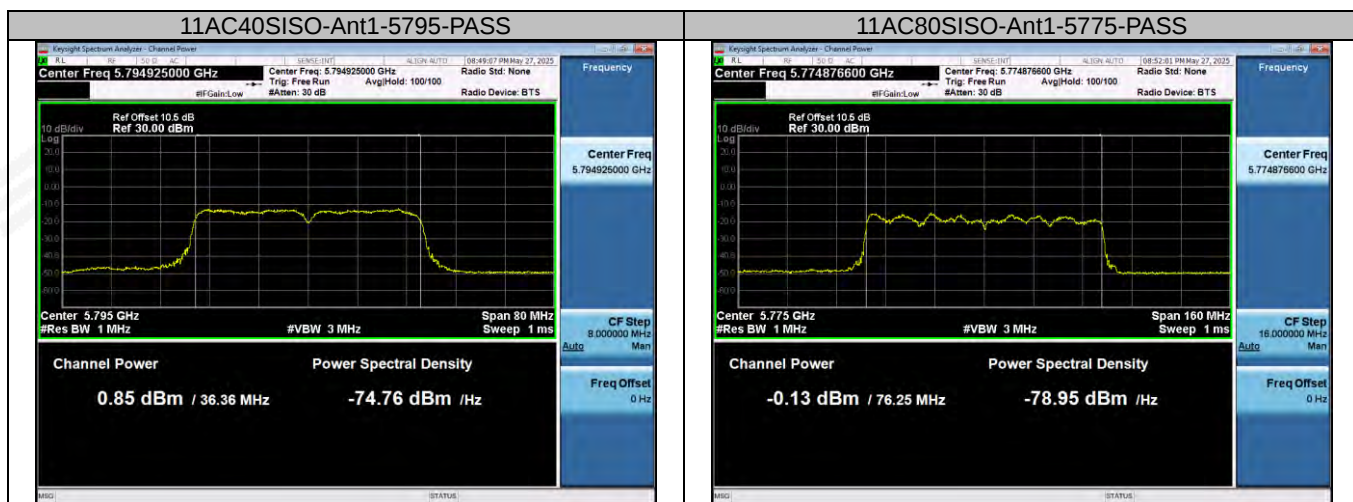
Test Mode	Antenna	Frequency [MHz]	Power [dBm]	DC Factor [dBm]	Result [dBm]	Power Limit [dBm]	Verdict
11A	Ant1	5745	5.15	2.43	7.58	≤30.00	PASS
11A	Ant1	5785	4.42	2.43	6.85	≤30.00	PASS
11A	Ant1	5825	3.19	2.43	5.62	≤30.00	PASS
11N20SISO	Ant1	5745	4.80	2.29	7.09	≤30.00	PASS
11N20SISO	Ant1	5785	4.52	2.29	6.81	≤30.00	PASS
11N20SISO	Ant1	5825	3.93	2.29	6.22	≤30.00	PASS
11N40SISO	Ant1	5755	3.30	3.63	6.93	≤30.00	PASS
11N40SISO	Ant1	5795	3.03	3.63	6.66	≤30.00	PASS
11AC20SISO	Ant1	5745	2.54	2.67	5.21	≤30.00	PASS
11AC20SISO	Ant1	5785	2.36	2.67	5.03	≤30.00	PASS
11AC20SISO	Ant1	5825	1.73	2.67	4.40	≤30.00	PASS
11AC40SISO	Ant1	5755	1.96	7.98	9.94	≤30.00	PASS
11AC40SISO	Ant1	5795	0.85	7.98	8.83	≤30.00	PASS
11AC80SISO	Ant1	5775 ¹	-0.13	5.34	5.21	≤30.00	PASS

Note : Result = SA Reading + DC Factor.

TEST GRAPHS







**POWER SPECTRAL DENSITY****TEST RESULT AND DATA**

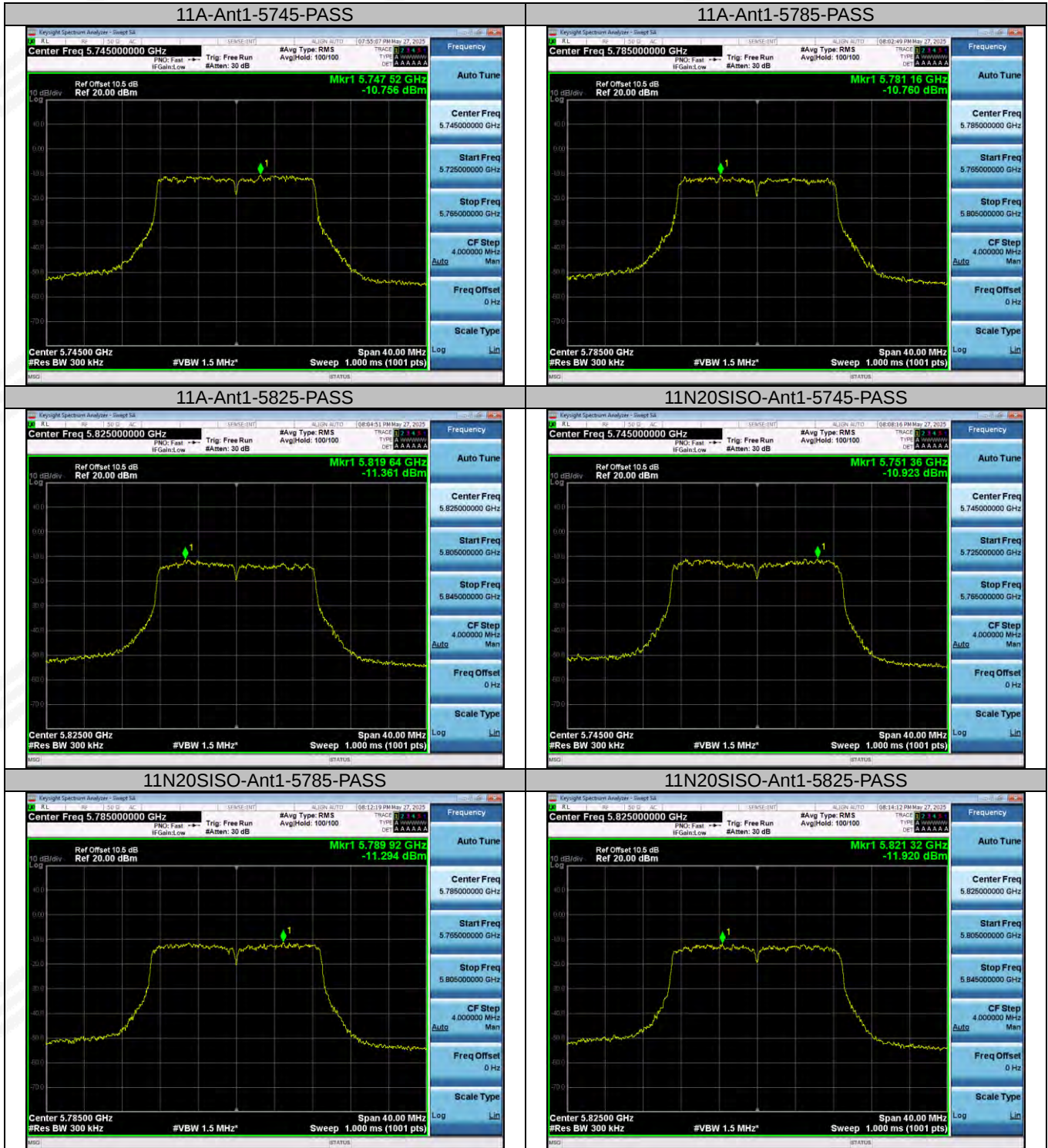
Test Mode	Antenna	Frequency [MHz]	SA Reading [dBm/300kHz]	DC Factor [dBm]	Result [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
11A	Ant1	5745	-10.756	2.43	-6.11	≤30.00	PASS
11A	Ant1	5785	-10.760	2.43	-6.11	≤30.00	PASS
11A	Ant1	5825	-11.361	2.43	-6.71	≤30.00	PASS
11N20SISO	Ant1	5745	-10.923	2.29	-6.41	≤30.00	PASS
11N20SISO	Ant1	5785	-11.294	2.29	-6.78	≤30.00	PASS
11N20SISO	Ant1	5825	-11.920	2.29	-7.41	≤30.00	PASS
11N40SISO	Ant1	5755	-14.591	3.63	-8.74	≤30.00	PASS
11N40SISO	Ant1	5795	-14.919	3.63	-9.07	≤30.00	PASS
11AC20SISO	Ant1	5745	-12.727	2.67	-7.84	≤30.00	PASS
11AC20SISO	Ant1	5785	-13.701	2.67	-8.81	≤30.00	PASS
11AC20SISO	Ant1	5825	-13.582	2.67	-8.69	≤30.00	PASS
11AC40SISO	Ant1	5755	-16.011	7.98	-5.81	≤30.00	PASS
11AC40SISO	Ant1	5795	-17.008	7.98	-6.81	≤30.00	PASS
11AC80SISO	Ant1	5775	-18.952	5.34	-11.39	≤30.00	PASS

Note : 1.Result = SA Reading + DC Factor + $10 \cdot \log(500\text{kHz}/300\text{kHz})$.

2.RBW Factor = $10 \cdot \log(500\text{kHz}/300\text{kHz}) = 2.22$.



TEST GRAPHS





11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS



11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5785-PASS

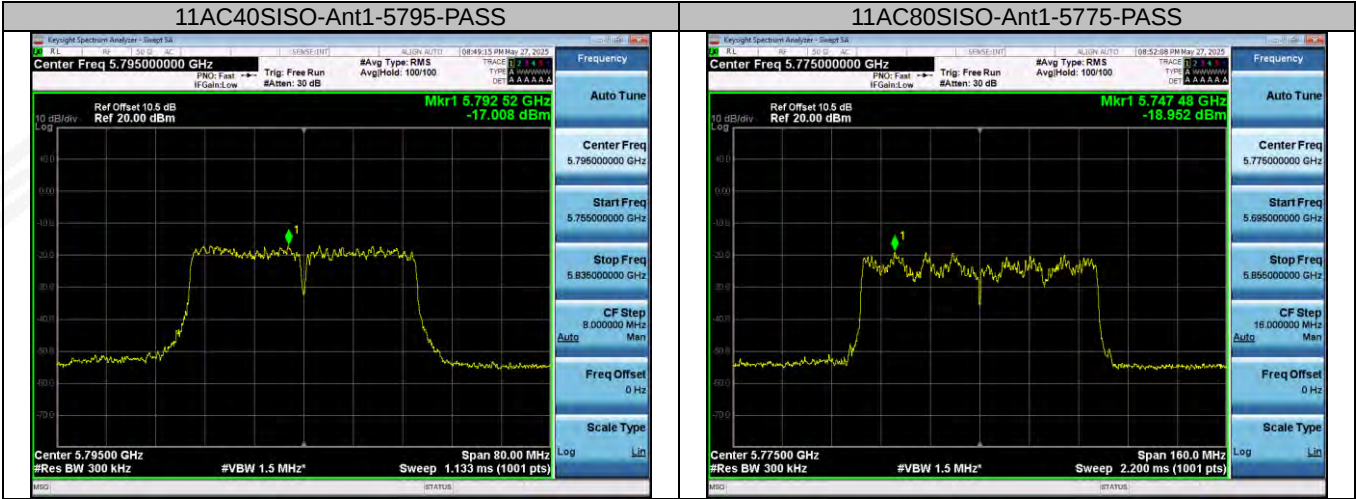


11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5755-PASS



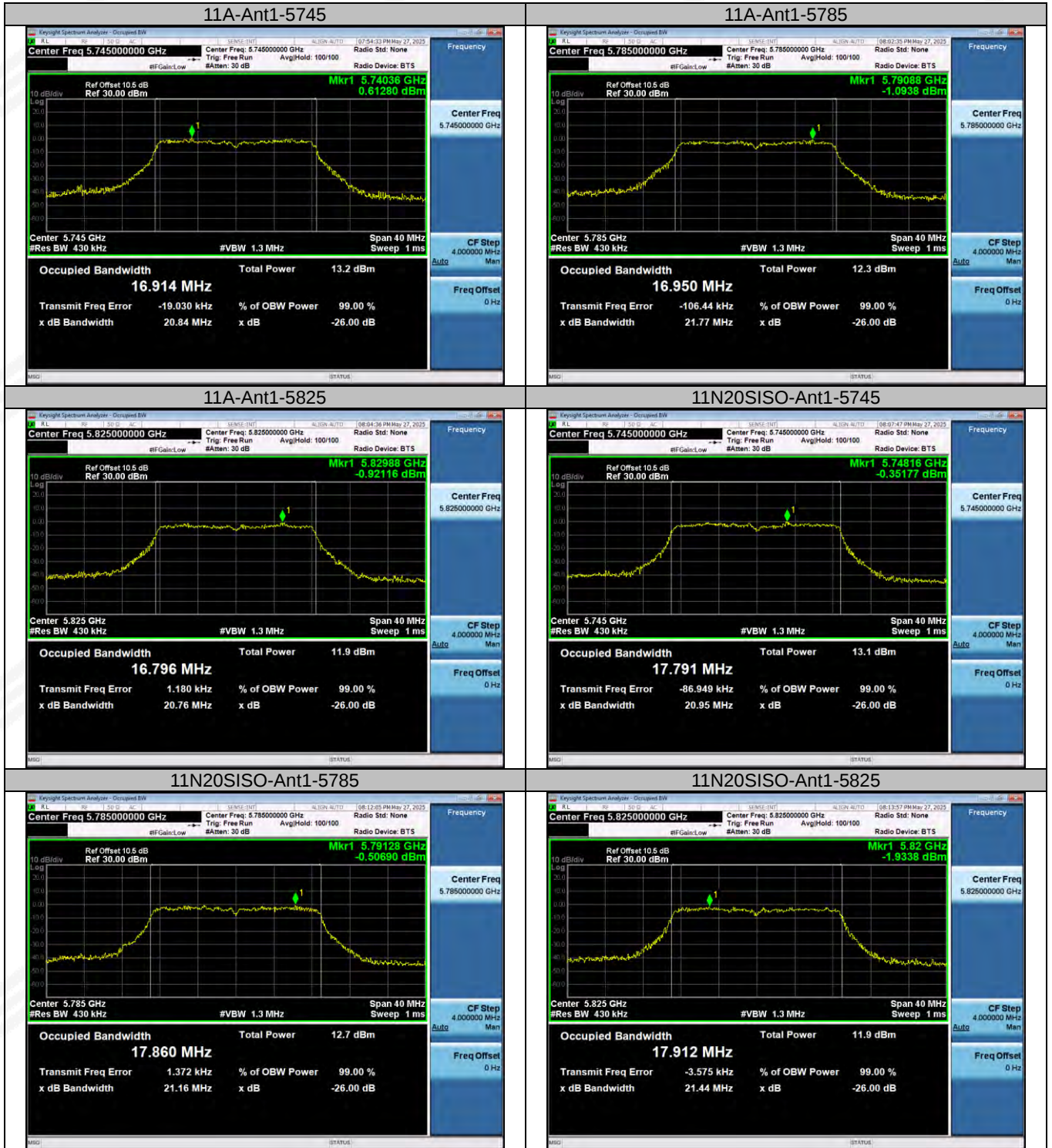


99% OCCUPIED BANDWIDTH

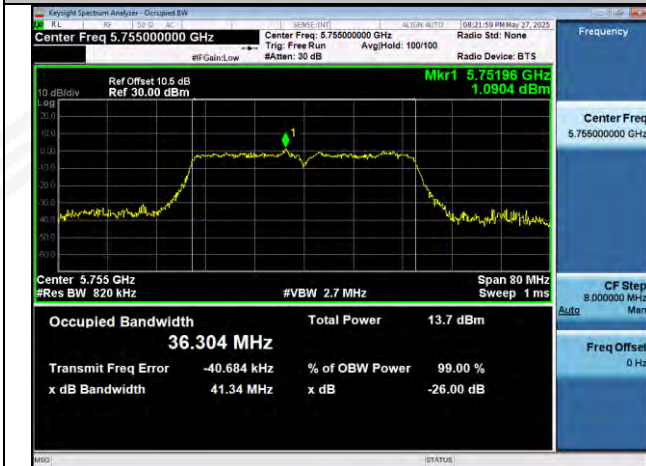
TEST RESULT AND DATA

Test Mode	Antenna	Frequency[MHz]	99% OBW[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.914	---	---
11A	Ant1	5785	16.950	---	---
11A	Ant1	5825	16.796	---	---
11N20SISO	Ant1	5745	17.791	---	---
11N20SISO	Ant1	5785	17.860	---	---
11N20SISO	Ant1	5825	17.912	---	---
11N40SISO	Ant1	5755	36.304	---	---
11N40SISO	Ant1	5795	36.253	---	---
11AC20SISO	Ant1	5745	17.834	---	---
11AC20SISO	Ant1	5785	17.797	---	---
11AC20SISO	Ant1	5825	17.793	---	---
11AC40SISO	Ant1	5755	36.257	---	---
11AC40SISO	Ant1	5795	36.356	---	---
11AC80SISO	Ant1	5775	76.250	---	---

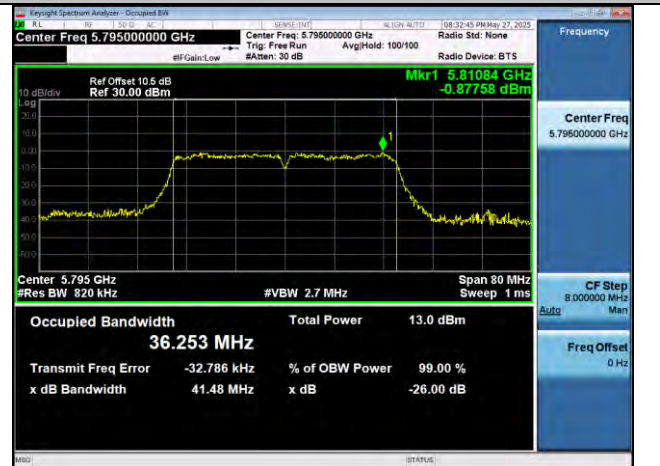
TEST GRAPHS



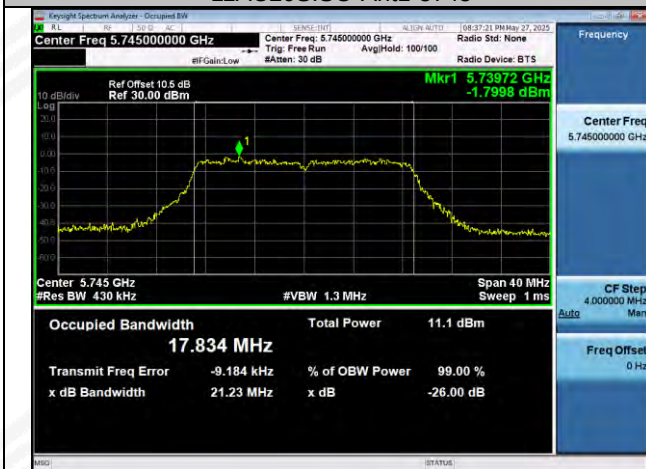
11N40SISO-Ant1-5755



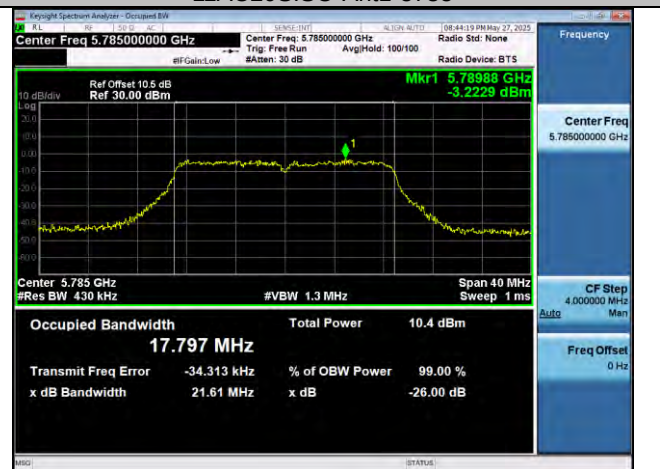
11N40SISO-Ant1-5795



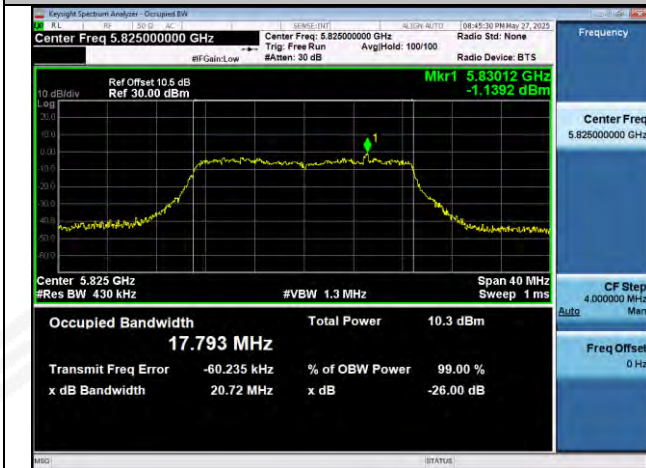
11AC20SISO-Ant1-5745



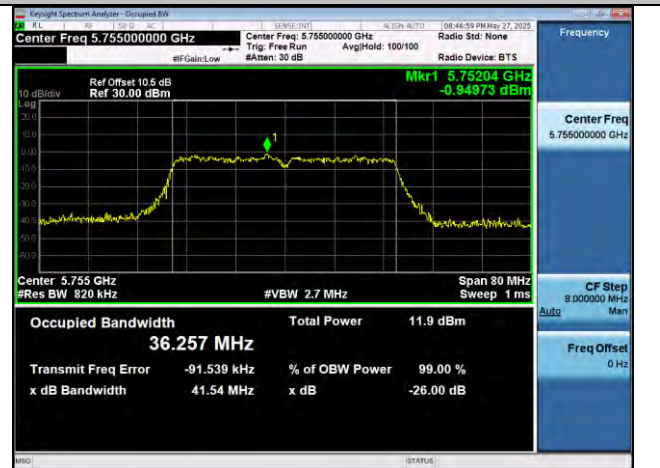
11AC20SISO-Ant1-5785



11AC20SISO-Ant1-5825



11AC40SISO-Ant1-5755







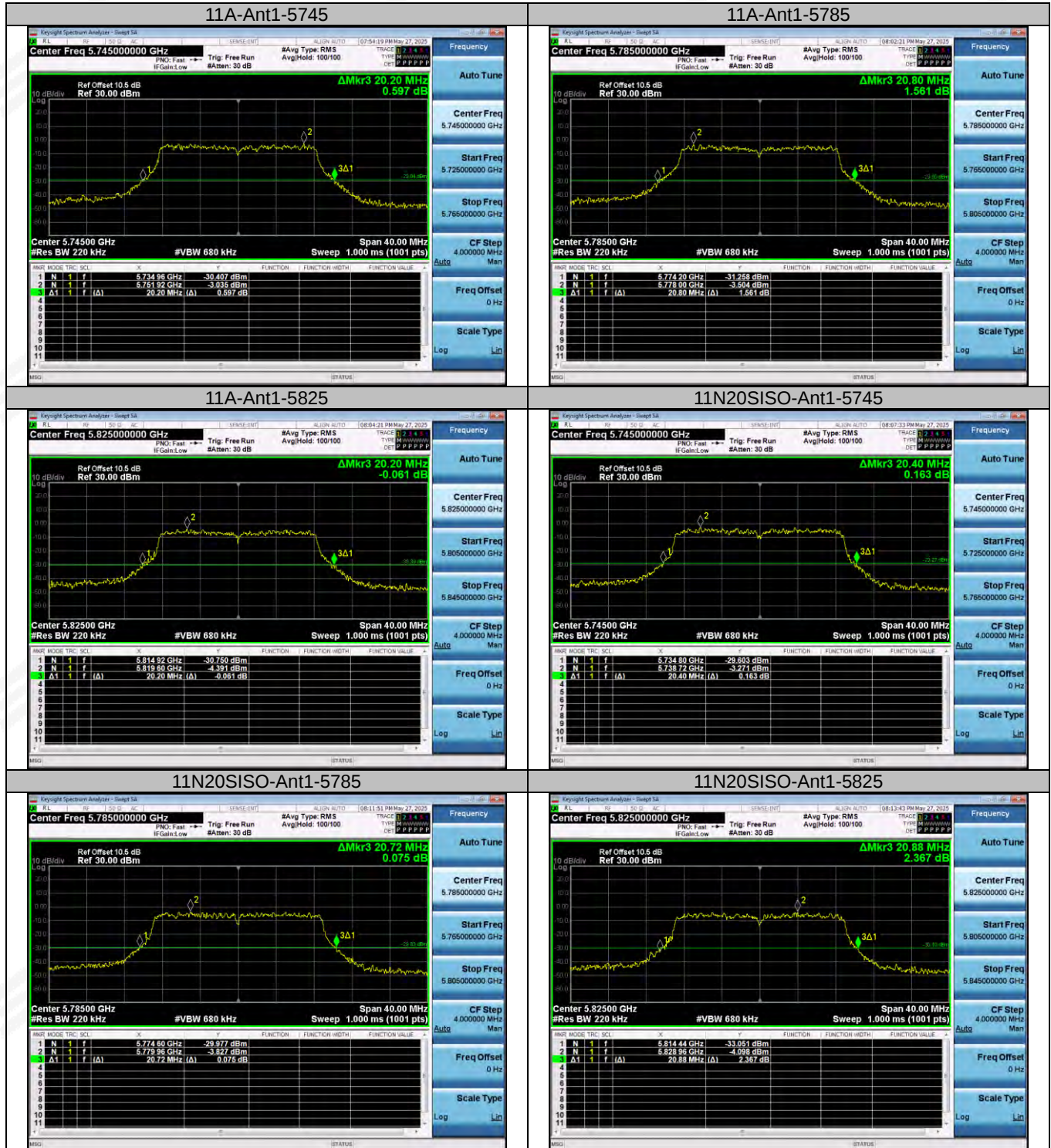
26DB EMISSION BANDWIDTH

TEST RESULT AND DATA

Test Mode	Antenna	Frequency[MHz]	26dB EBW[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	20.200	---	---
11A	Ant1	5785	20.800	---	---
11A	Ant1	5825	20.200	---	---
11N20SISO	Ant1	5745	20.400	---	---
11N20SISO	Ant1	5785	20.720	---	---
11N20SISO	Ant1	5825	20.880	---	---
11N40SISO	Ant1	5755	40.880	---	---
11N40SISO	Ant1	5795	40.160	---	---
11AC20SISO	Ant1	5745	20.680	---	---
11AC20SISO	Ant1	5785	20.680	---	---
11AC20SISO	Ant1	5825	20.080	---	---
11AC40SISO	Ant1	5755	40.080	---	---
11AC40SISO	Ant1	5795	41.520	---	---
11AC80SISO	Ant1	5775	82.400	---	---

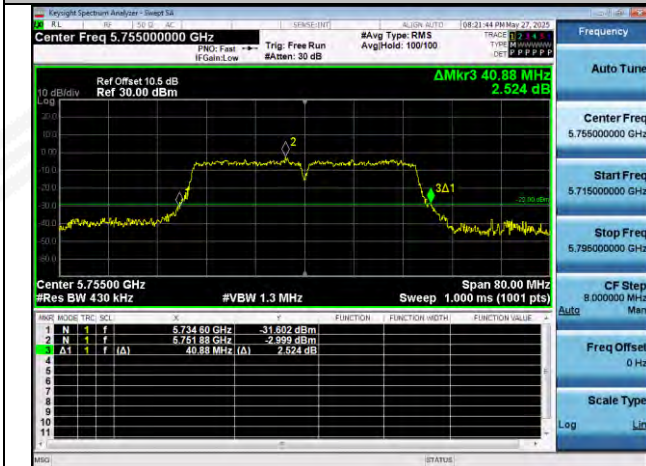


TEST GRAPHS

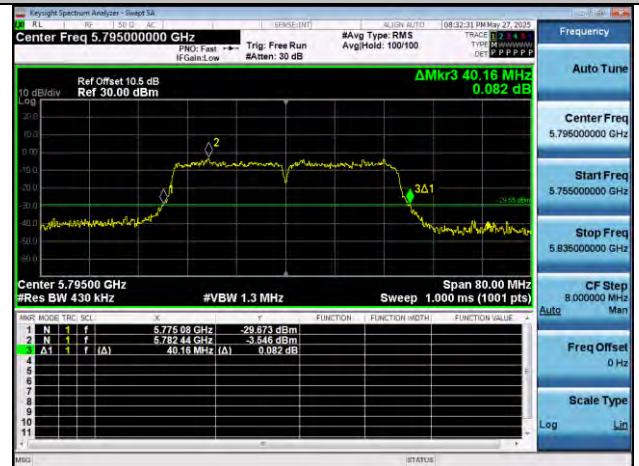




11N40SISO-Ant1-5755



11N40SISO-Ant1-5795



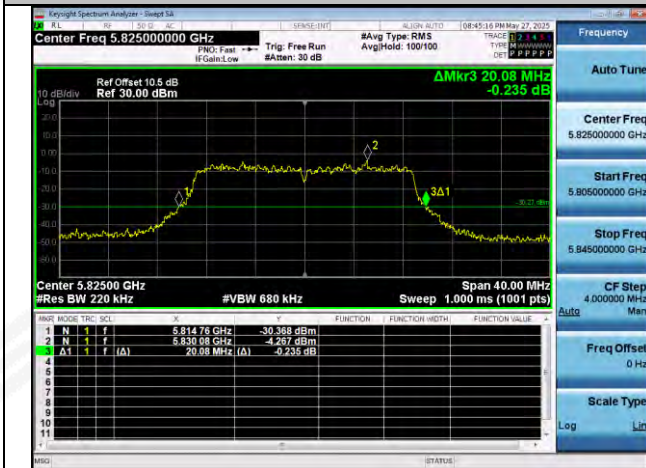
11AC20SISO-Ant1-5745



11AC20SISO-Ant1-5785

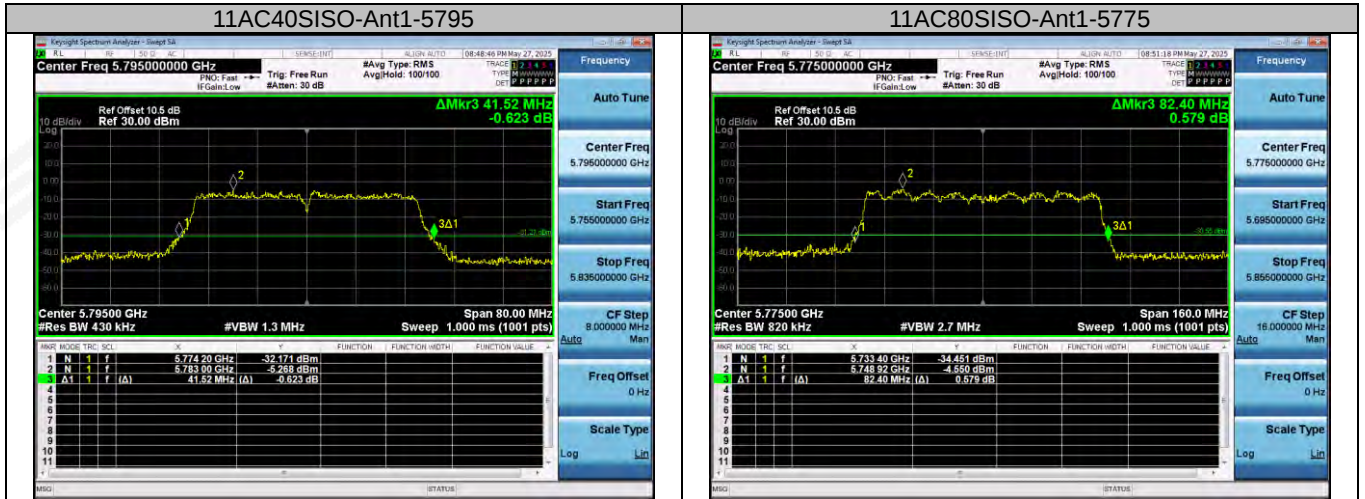


11AC20SISO-Ant1-5825



11AC40SISO-Ant1-5755





**6DB EMISSION BANDWIDTH****TEST RESULT AND DATA**

Test Mode	Antenna	Frequency[MHz]	6dB EBW[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.400	0.5	PASS
11A	Ant1	5785	16.440	0.5	PASS
11A	Ant1	5825	16.320	0.5	PASS
11N20SISO	Ant1	5745	17.320	0.5	PASS
11N20SISO	Ant1	5785	17.600	0.5	PASS
11N20SISO	Ant1	5825	17.480	0.5	PASS
11N40SISO	Ant1	5755	35.680	0.5	PASS
11N40SISO	Ant1	5795	35.440	0.5	PASS
11AC20SISO	Ant1	5745	17.160	0.5	PASS
11AC20SISO	Ant1	5785	17.560	0.5	PASS
11AC20SISO	Ant1	5825	17.520	0.5	PASS
11AC40SISO	Ant1	5755	35.520	0.5	PASS
11AC40SISO	Ant1	5795	35.760	0.5	PASS
11AC80SISO	Ant1	5775	75.200	0.5	PASS

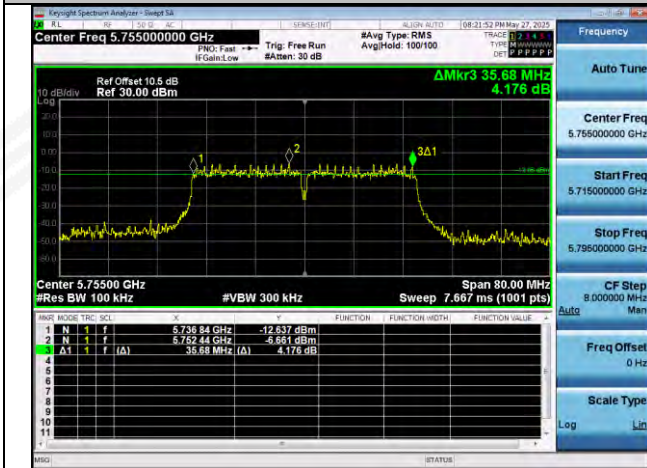


TEST GRAPHS

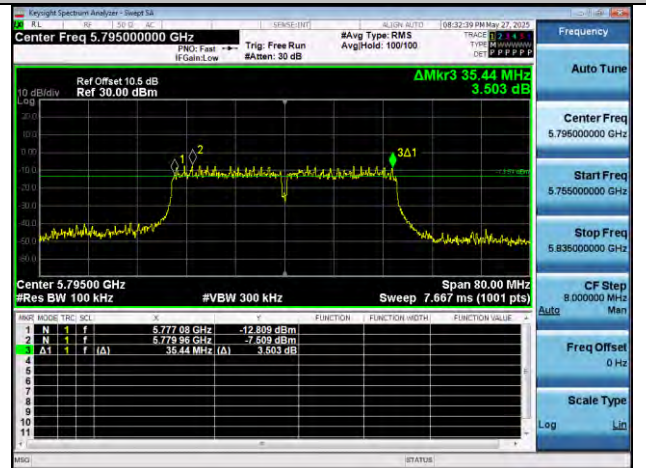




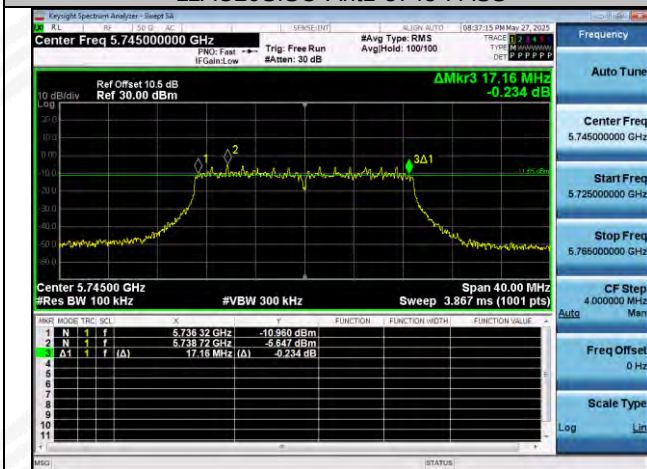
11N40SISO-Ant1-5755-PASS



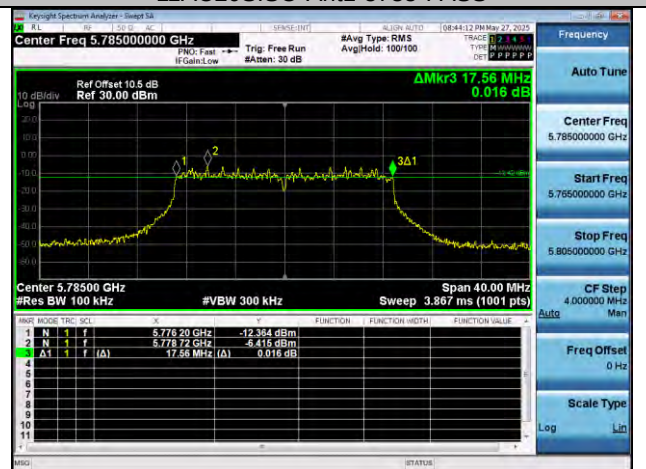
11N40SISO-Ant1-5795-PASS



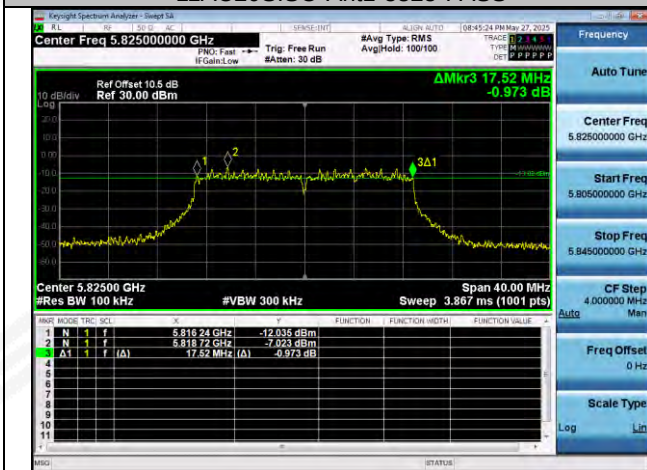
11AC20SISO-Ant1-5745-PASS



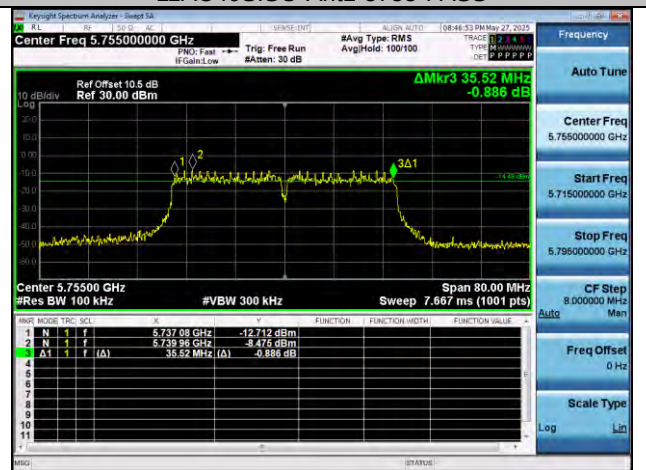
11AC20SISO-Ant1-5785-PASS

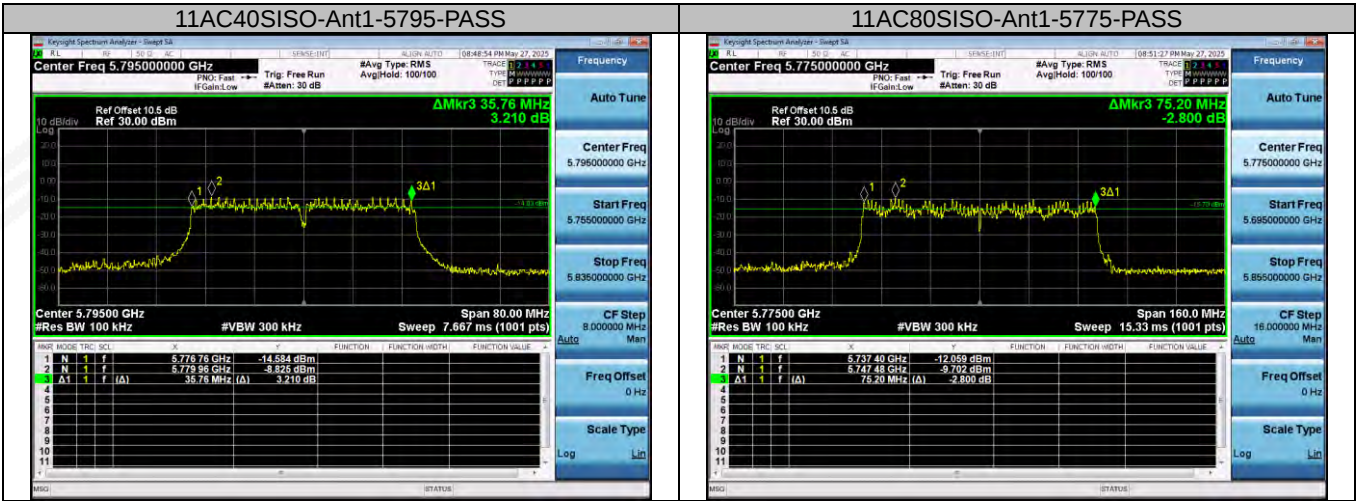


11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5755-PASS







FREQUENCY STABILITY

TEST RESULT AND DATA

Test Mode	Antenna	Frequency[MHz]	Voltage[Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	Verdict
11A	Ant1	5745	NV	NT	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	LV	NT	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	HV	NT	-60000.00	-10.443864	20	PASS

Test Mode	Antenna	Frequency[MHz]	Voltage[Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	Verdict
11A	Ant1	5745	NV	-30	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	-20	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	-10	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	0	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	10	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	20	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	30	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	40	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	50	-60000.00	-10.443864	20	PASS

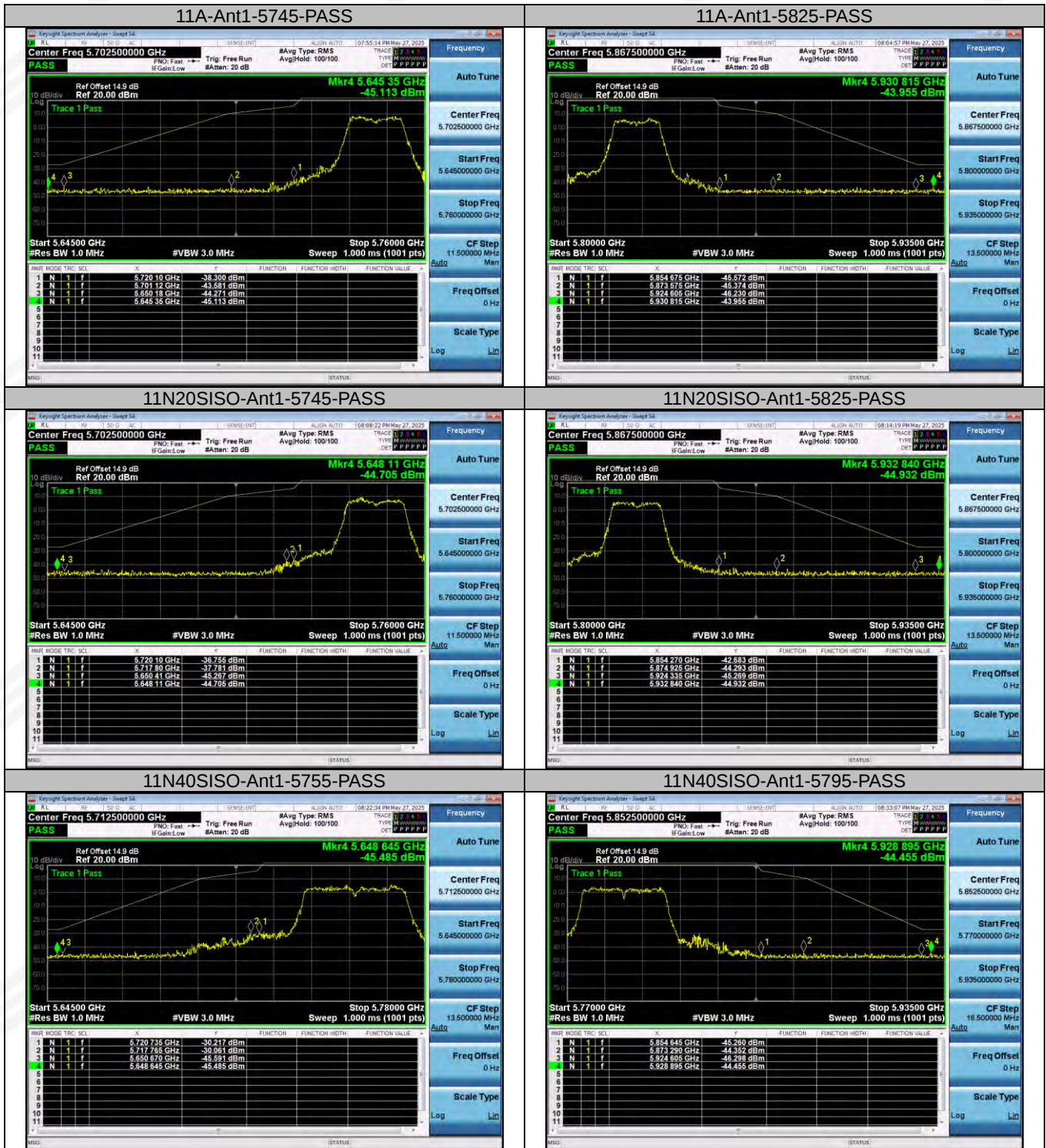
Note 1: All of the EUT Configure Mode were tested, the worst case is recorded in this report.

**CONDUCTED BAND EDGES****TEST RESULT AND DATA**

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5745	-38.3	≤15.82	PASS
11A	Ant1	Low	5745	-43.58	≤10.31	PASS
11A	Ant1	Low	5745	-44.27	≤-26.87	PASS
11A	Ant1	Low	5745	-45.11	≤-27	PASS
11A	Ant1	High	5825	-45.57	≤16.34	PASS
11A	Ant1	High	5825	-45.37	≤10.40	PASS
11A	Ant1	High	5825	-46.23	≤-26.71	PASS
11A	Ant1	High	5825	-43.96	≤-27	PASS
11N20SISO	Ant1	Low	5745	-36.76	≤15.82	PASS
11N20SISO	Ant1	Low	5745	-37.78	≤14.98	PASS
11N20SISO	Ant1	Low	5745	-45.27	≤-26.70	PASS
11N20SISO	Ant1	Low	5745	-44.71	≤-27	PASS
11N20SISO	Ant1	High	5825	-42.68	≤17.26	PASS
11N20SISO	Ant1	High	5825	-44.29	≤10.02	PASS
11N20SISO	Ant1	High	5825	-45.27	≤-26.51	PASS
11N20SISO	Ant1	High	5825	-44.93	≤-27	PASS
11N40SISO	Ant1	Low	5755	-30.22	≤17.28	PASS
11N40SISO	Ant1	Low	5755	-30.06	≤14.97	PASS
11N40SISO	Ant1	Low	5755	-45.59	≤-26.50	PASS
11N40SISO	Ant1	Low	5755	-45.49	≤-27	PASS
11N40SISO	Ant1	High	5795	-45.26	≤16.41	PASS
11N40SISO	Ant1	High	5795	-44.35	≤10.48	PASS
11N40SISO	Ant1	High	5795	-46.3	≤-26.71	PASS
11N40SISO	Ant1	High	5795	-44.46	≤-27	PASS
11AC20SISO	Ant1	Low	5745	-42.13	≤16.87	PASS
11AC20SISO	Ant1	Low	5745	-43.67	≤10.83	PASS
11AC20SISO	Ant1	Low	5745	-45.31	≤-26.70	PASS
11AC20SISO	Ant1	Low	5745	-44.77	≤-27	PASS
11AC20SISO	Ant1	High	5825	-45.29	≤16.03	PASS
11AC20SISO	Ant1	High	5825	-44.27	≤10.36	PASS
11AC20SISO	Ant1	High	5825	-46.07	≤-26.31	PASS
11AC20SISO	Ant1	High	5825	-44.4	≤-27	PASS
11AC40SISO	Ant1	Low	5755	-33.74	≤16.04	PASS
11AC40SISO	Ant1	Low	5755	-36.56	≤12.78	PASS
11AC40SISO	Ant1	Low	5755	-45.36	≤-26.90	PASS
11AC40SISO	Ant1	Low	5755	-43.9	≤-27	PASS
11AC40SISO	Ant1	High	5795	-46.01	≤15.66	PASS
11AC40SISO	Ant1	High	5795	-44.87	≤10.80	PASS
11AC40SISO	Ant1	High	5795	-45.07	≤-26.34	PASS
11AC40SISO	Ant1	High	5795	-45.21	≤-27	PASS
11AC80SISO	Ant1	Low	5775	-35.22	≤16.00	PASS
11AC80SISO	Ant1	Low	5775	-33.94	≤10.53	PASS
11AC80SISO	Ant1	Low	5775	-44.71	≤-26.46	PASS
11AC80SISO	Ant1	Low	5775	-44.66	≤-27	PASS
11AC80SISO	Ant1	High	5775	-39.49	≤15.84	PASS
11AC80SISO	Ant1	High	5775	-37.98	≤12.57	PASS
11AC80SISO	Ant1	High	5775	-45.74	≤-26.46	PASS
11AC80SISO	Ant1	High	5775	-45.27	≤-27	PASS



TEST GRAPHS



11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5825-PASS



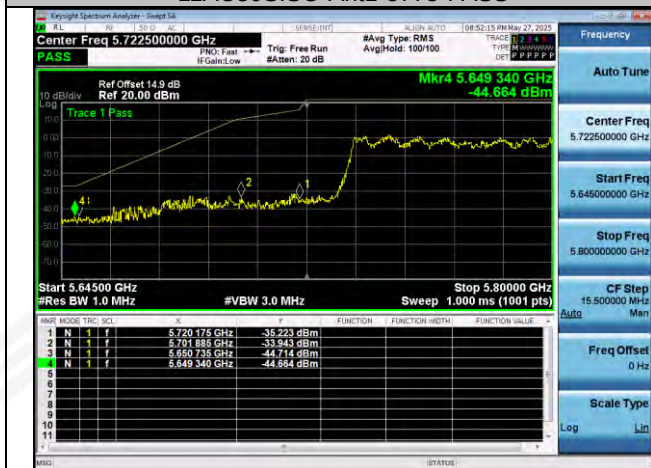
11AC40SISO-Ant1-5755-PASS



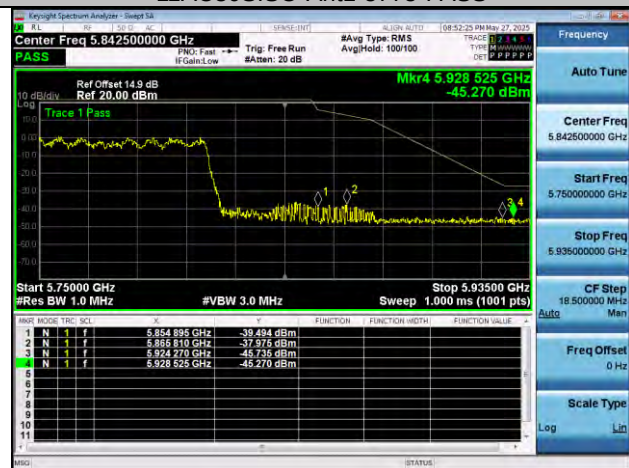
11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5775-PASS



11AC80SISO-Ant1-5775-PASS





APPENDIX - PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

*****END OF THE REPORT*****