

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	Ant1	5720	16.480	5711.760	5728.240	---	---
		5720_UNII-2C	13.24	5711.760	5725	---	---
		5720_UNII-3	3.24	5725	5728.240	≥ 0.5	PASS
		5745	16.440	5736.760	5753.200	≥ 0.5	PASS
		5785	16.520	5776.760	5793.280	≥ 0.5	PASS
		5825	16.440	5816.760	5833.200	≥ 0.5	PASS
11N20SISO	Ant1	5720	17.760	5711.120	5728.880	---	---
		5720_UNII-2C	13.88	5711.120	5725	---	---
		5720_UNII-3	3.88	5725	5728.880	≥ 0.5	PASS
		5745	17.760	5736.080	5753.840	≥ 0.5	PASS
		5785	17.680	5776.080	5793.760	≥ 0.5	PASS
		5825	17.600	5816.160	5833.760	≥ 0.5	PASS
11N40SISO	Ant1	5710	36.320	5691.840	5728.160	---	---
		5710_UNII-2C	33.16	5691.840	5725	---	---
		5710_UNII-3	3.16	5725	5728.160	≥ 0.5	PASS
		5755	36.320	5736.840	5773.160	≥ 0.5	PASS
		5795	36.400	5776.760	5813.160	≥ 0.5	PASS
11AC80SISO	Ant1	5690	67.360	5660.240	5727.600	---	---
		5690_UNII-2C	64.76	5660.240	5725	---	---
		5690_UNII-3	2.6	5725	5727.600	≥ 0.5	PASS
		5775	75.040	5737.240	5812.280	≥ 0.5	PASS
11AX20SISO	Ant1	5720	19.040	5710.480	5729.520	---	---
		5720_UNII-2C	14.52	5710.480	5725	---	---
		5720_UNII-3	4.52	5725	5729.520	≥ 0.5	PASS
		5745	19.080	5735.440	5754.520	≥ 0.5	PASS
		5785	18.920	5775.480	5794.400	≥ 0.5	PASS
		5825	18.920	5815.520	5834.440	≥ 0.5	PASS
11AX40SISO	Ant1	5710	38.000	5691.040	5729.040	---	---
		5710_UNII-2C	33.96	5691.040	5725	---	---
		5710_UNII-3	4.04	5725	5729.040	≥ 0.5	PASS
		5755	38.160	5735.880	5774.040	≥ 0.5	PASS
		5795	37.920	5776.120	5814.040	≥ 0.5	PASS
11AX80SISO	Ant1	5690	74.720	5651.760	5726.480	---	---
		5690_UNII-2C	73.24	5651.760	5725	---	---
		5690_UNII-3	1.48	5725	5726.480	≥ 0.5	PASS
		5775	75.040	5736.120	5811.160	≥ 0.5	PASS

11.3.2. Test Graphs

















11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	Verdict
11A	Ant1	5180	16.29	≤23.98	PASS
		5200	16.58	≤23.98	PASS
		5240	16.51	≤23.98	PASS
		5260	17.90	≤23.98	PASS
		5280	17.23	≤23.98	PASS
		5320	17.01	≤23.98	PASS
		5500	11.91	≤23.98	PASS
		5580	11.22	≤23.98	PASS
		5700	12.03	≤23.98	PASS
		5720_UNII-2C	11.21	≤23.14	PASS
		5720_UNII-3	4.80	≤30.00	PASS
		5745	17.02	≤30.00	PASS
		5785	17.36	≤30.00	PASS
		5825	17.62	≤30.00	PASS
11N20SISO	Ant1	5180	16.16	≤23.98	PASS
		5200	16.51	≤23.98	PASS
		5240	16.58	≤23.98	PASS
		5260	16.96	≤23.98	PASS
		5280	16.24	≤23.98	PASS
		5320	16.71	≤23.98	PASS
		5500	11.02	≤23.98	PASS
		5580	10.64	≤23.98	PASS
		5700	11.09	≤23.98	PASS
		5720_UNII-2C	10.11	≤23.46	PASS
		5720_UNII-3	3.85	≤30.00	PASS
		5745	16.51	≤30.00	PASS
		5785	16.78	≤30.00	PASS
		5825	16.57	≤30.00	PASS
11N40SISO	Ant1	5190	16.87	≤23.98	PASS
		5230	16.01	≤23.98	PASS
		5270	16.29	≤23.98	PASS
		5310	16.88	≤23.98	PASS
		5510	11.80	≤23.98	PASS
		5550	12.43	≤23.98	PASS
		5670	11.84	≤23.98	PASS
		5710_UNII-2C	11.42	≤23.98	PASS
		5710_UNII-3	0.08	≤30.00	PASS
		5755	16.73	≤30.00	PASS
		5795	16.79	≤30.00	PASS
11AC80SISO	Ant1	5210	16.13	≤23.98	PASS
		5290	15.92	≤23.98	PASS
		5530	11.71	≤23.98	PASS
		5610	12.42	≤23.98	PASS
		5690_UNII-2C	11.43	≤23.98	PASS
		5690_UNII-3	-1.97	≤30.00	PASS
		5775	16.19	≤30.00	PASS
11AX20SISO	Ant1	5180	16.29	≤23.98	PASS
		5200	16.55	≤23.98	PASS
		5240	16.95	≤23.98	PASS
		5260	16.07	≤23.98	PASS
		5280	16.09	≤23.98	PASS
		5320	16.80	≤23.98	PASS
		5500	12.10	≤23.98	PASS
		5580	12.63	≤23.98	PASS
		5700	12.36	≤23.98	PASS

		5720_UNII-2C	12.06	≤23.42	PASS
		5720_UNII-3	5.98	≤30.00	PASS
		5745	16.79	≤30.00	PASS
		5785	16.08	≤30.00	PASS
		5825	16.35	≤30.00	PASS
11AX40SISO	Ant1	5190	16.11	≤23.98	PASS
		5230	16.61	≤23.98	PASS
		5270	16.38	≤23.98	PASS
		5310	16.84	≤23.98	PASS
		5510	12.33	≤23.98	PASS
		5550	12.39	≤23.98	PASS
		5670	13.30	≤23.98	PASS
		5710_UNII-2C	12.55	≤23.98	PASS
		5710_UNII-3	3.59	≤30.00	PASS
		5755	16.36	≤30.00	PASS
		5795	16.51	≤30.00	PASS
		5210	16.31	≤23.98	PASS
		5290	16.20	≤23.98	PASS
		5530	13.60	≤23.98	PASS
11AX80SISO	Ant1	5610	12.65	≤23.98	PASS
		5690_UNII-2C	12.20	≤23.98	PASS
		5690_UNII-3	-0.44	≤30.00	PASS
		5775	16.84	≤30.00	PASS

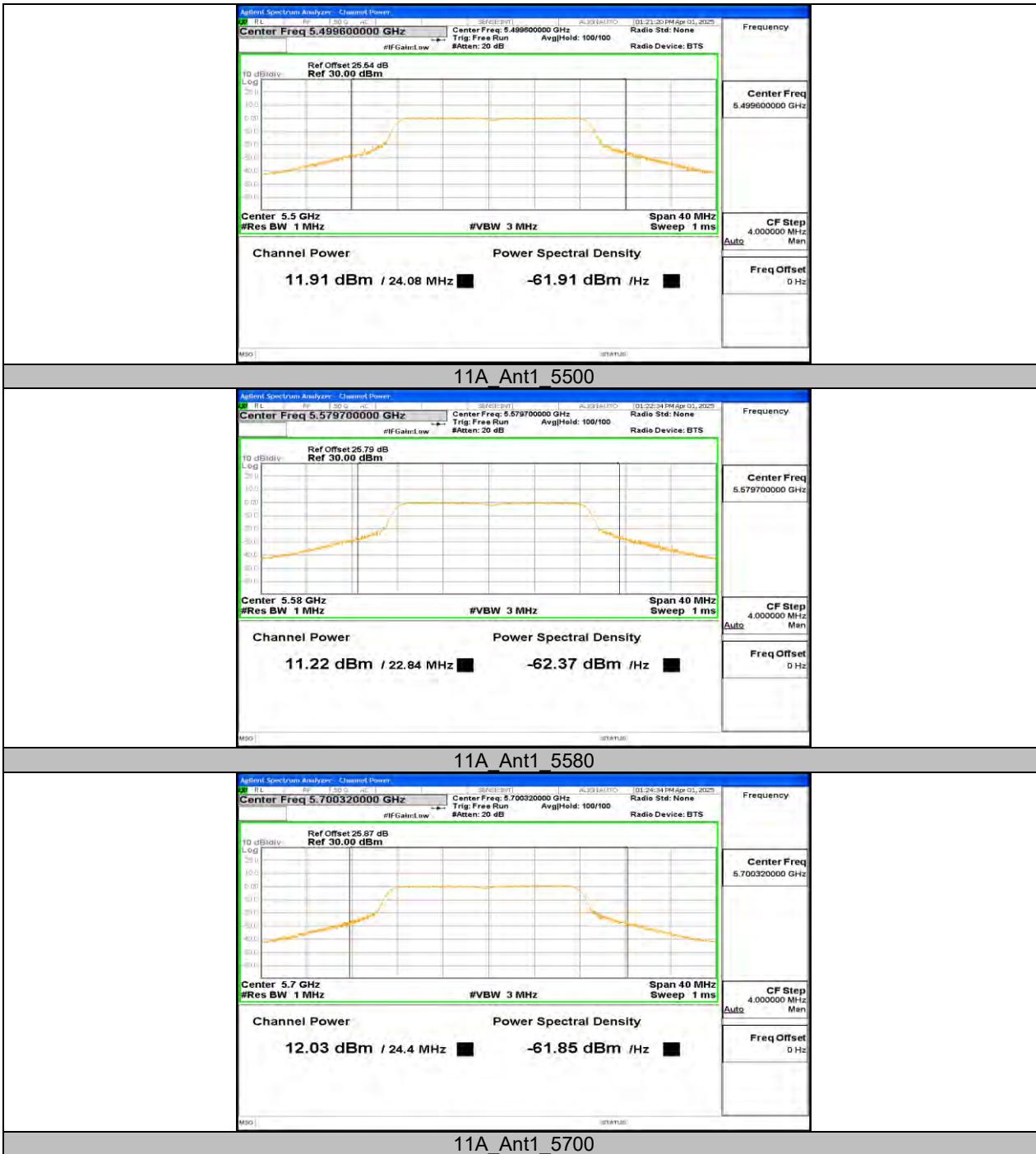
Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

11.4.2. Test Graphs



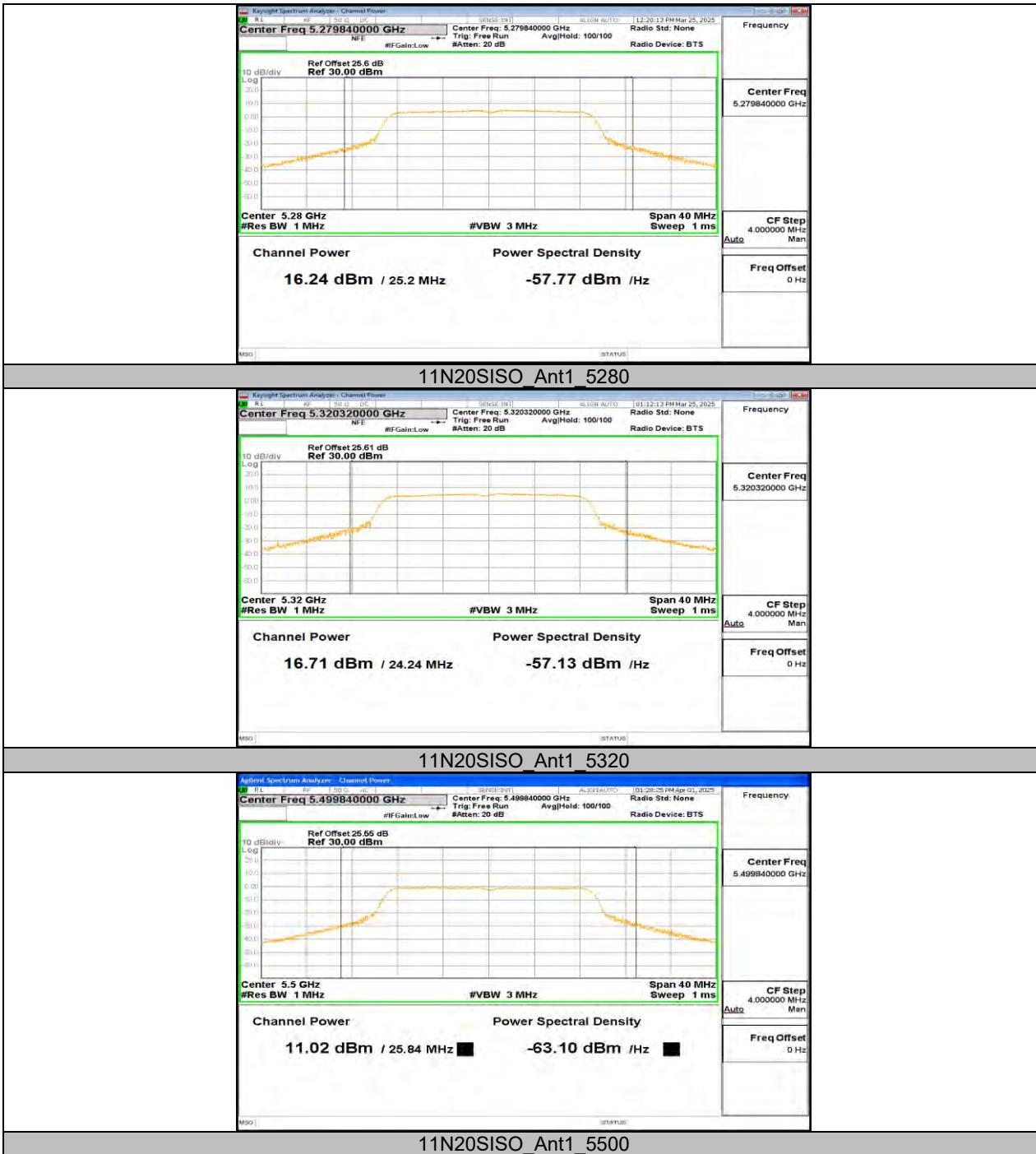




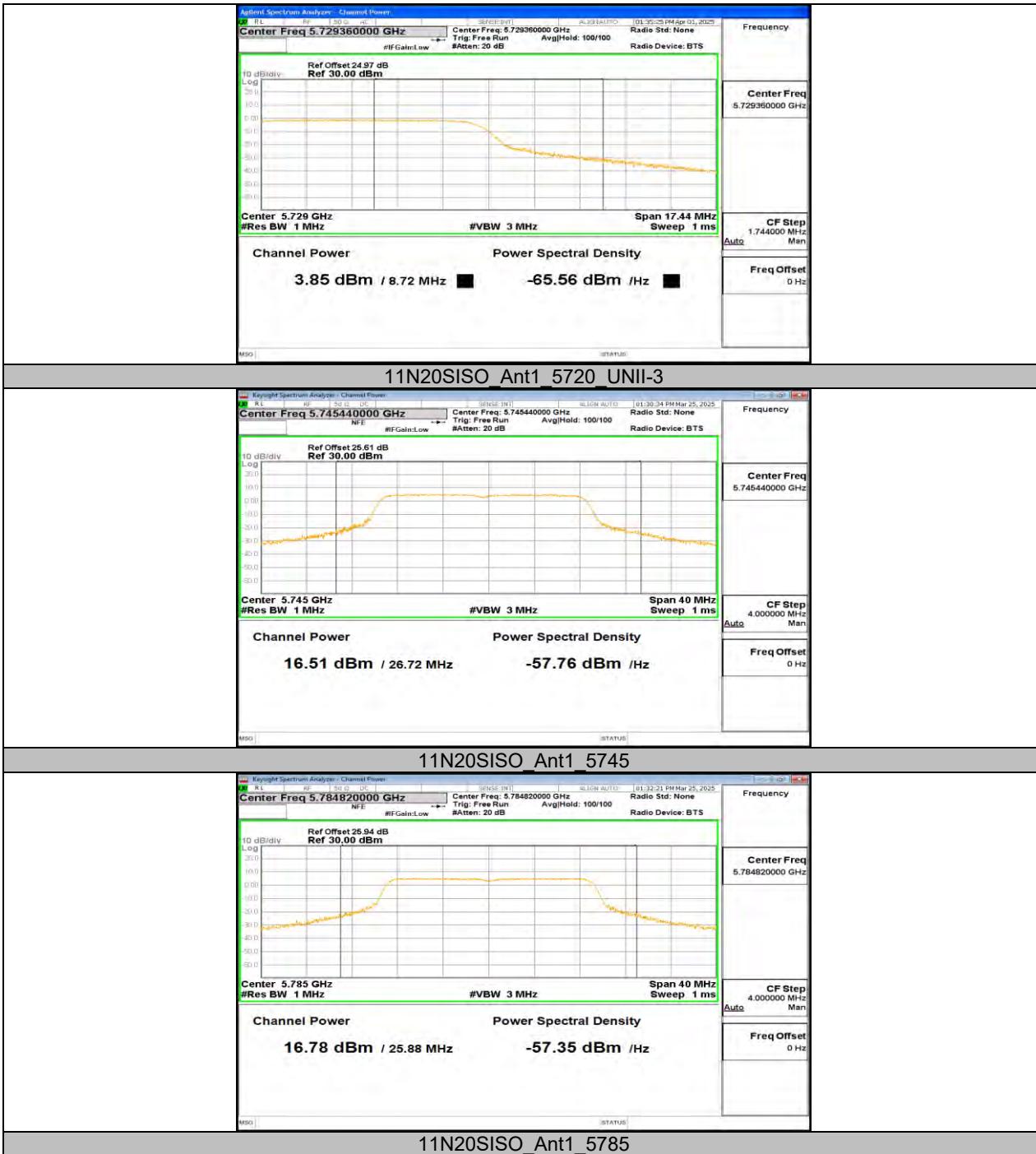


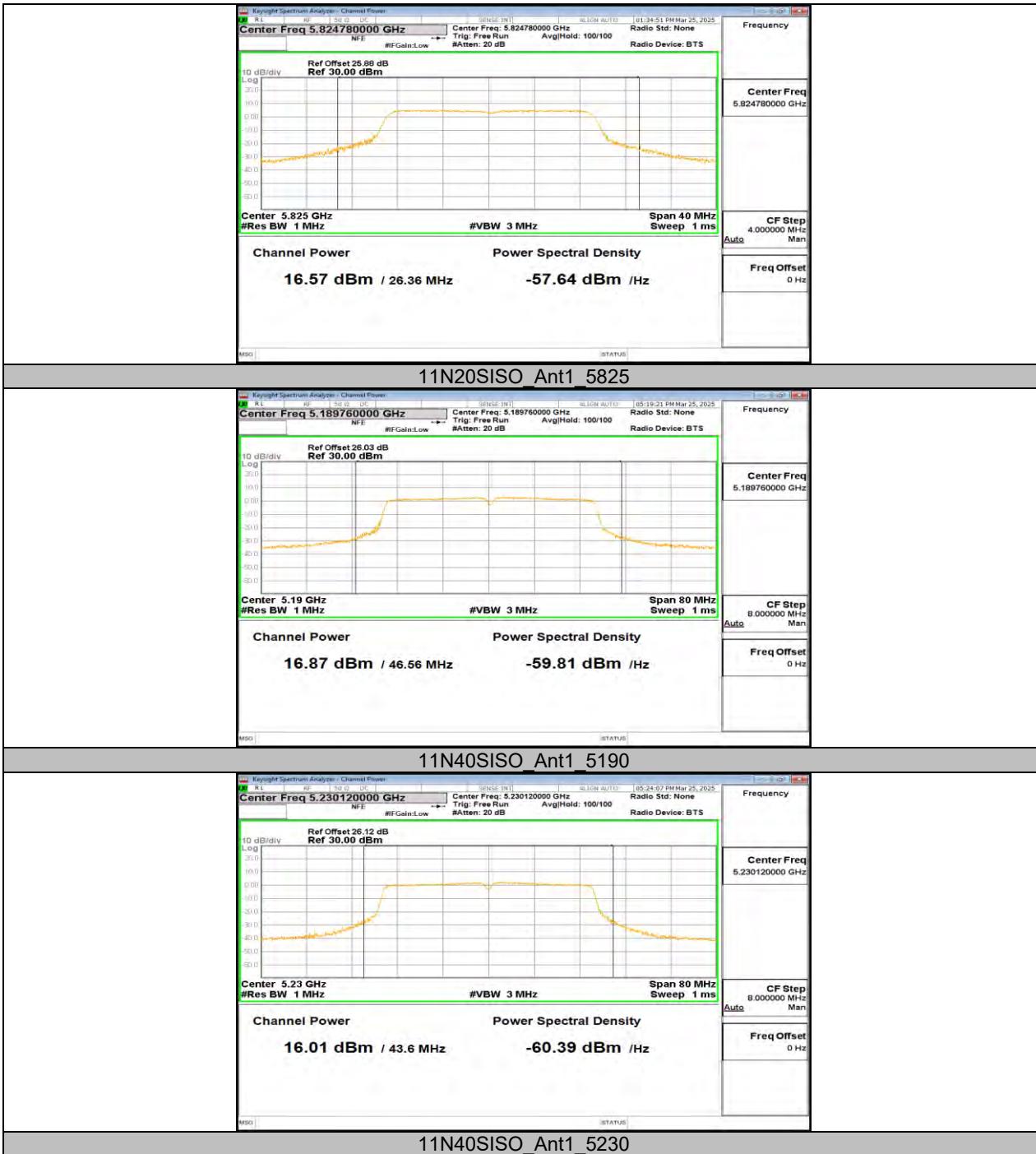


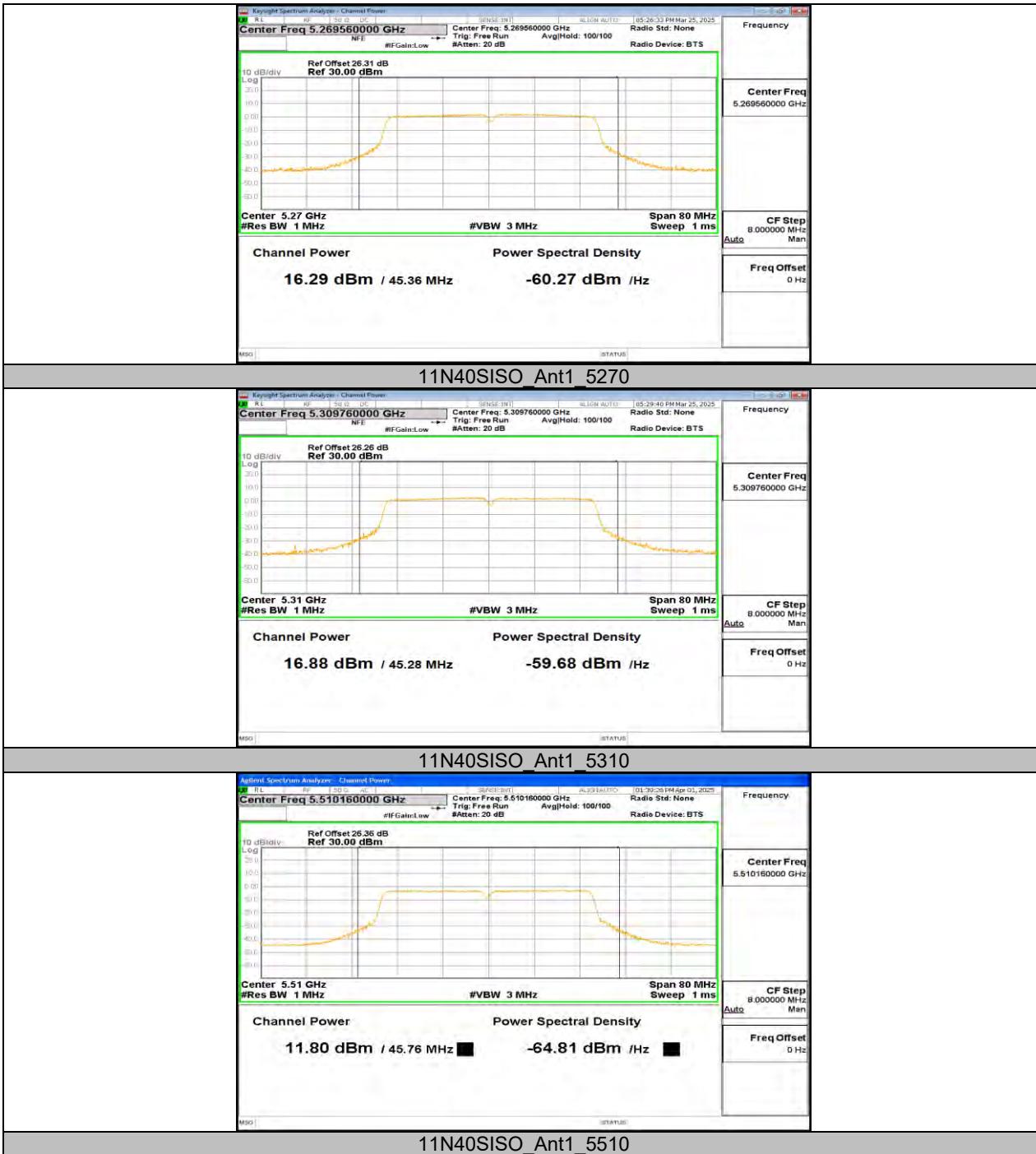


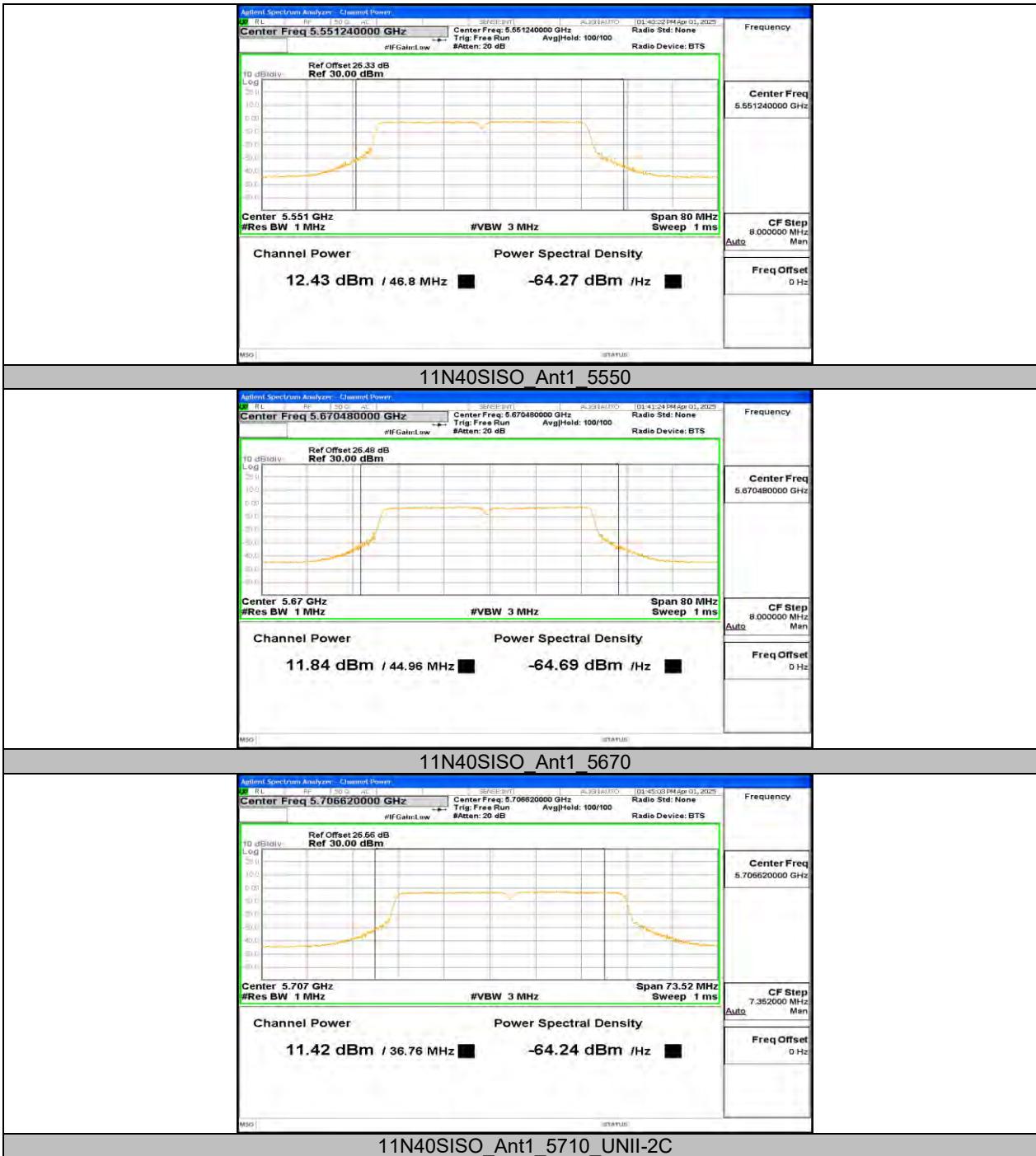


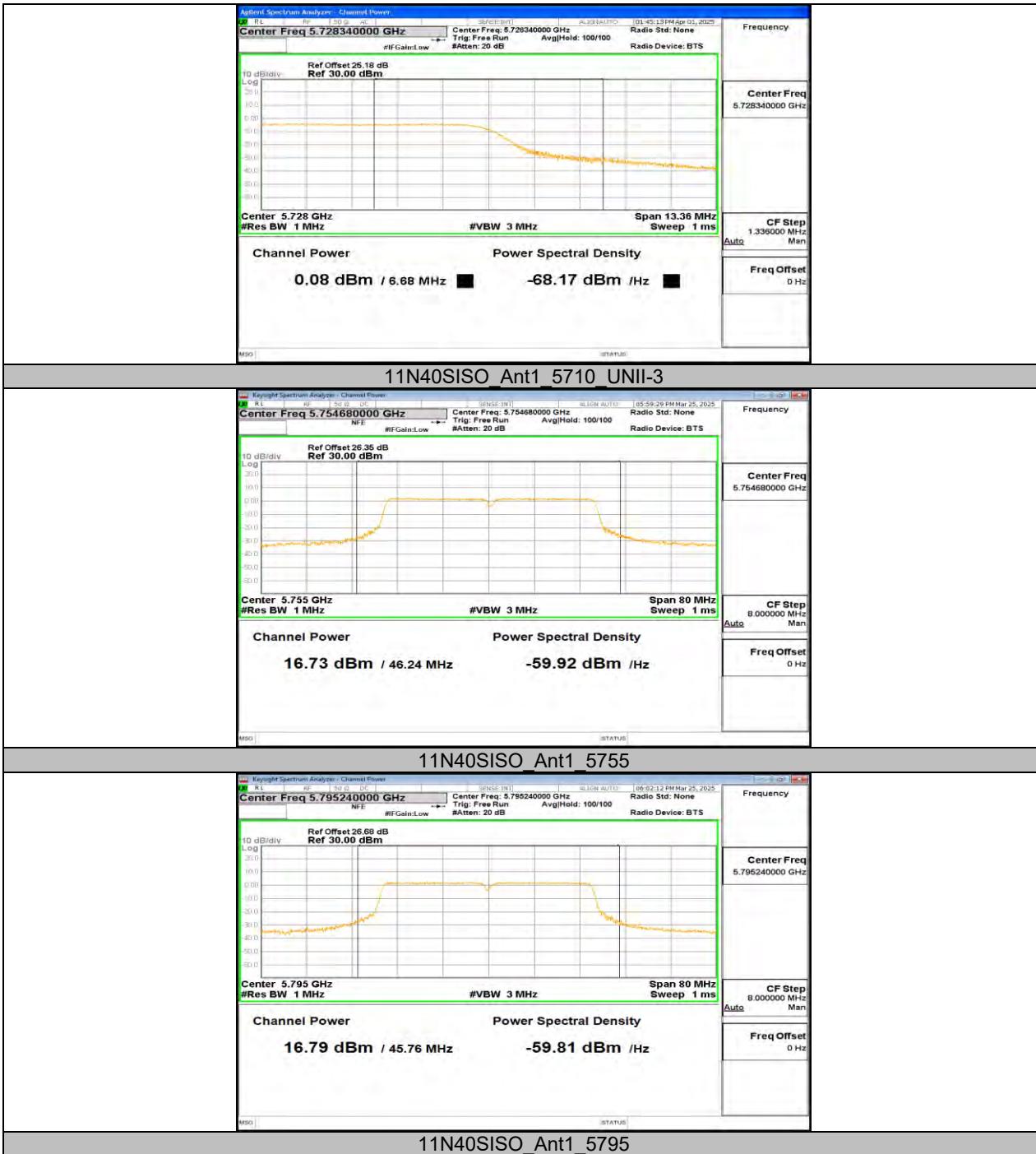


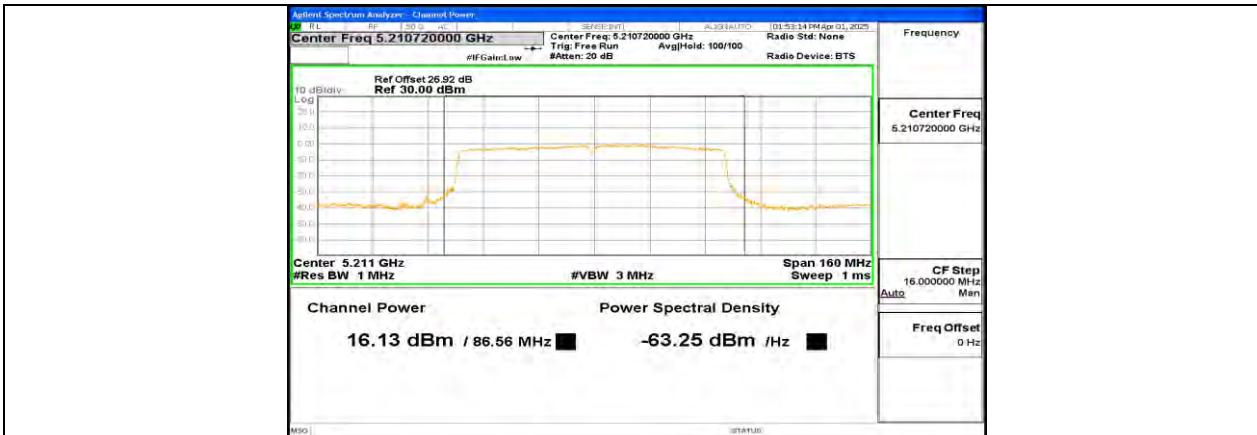




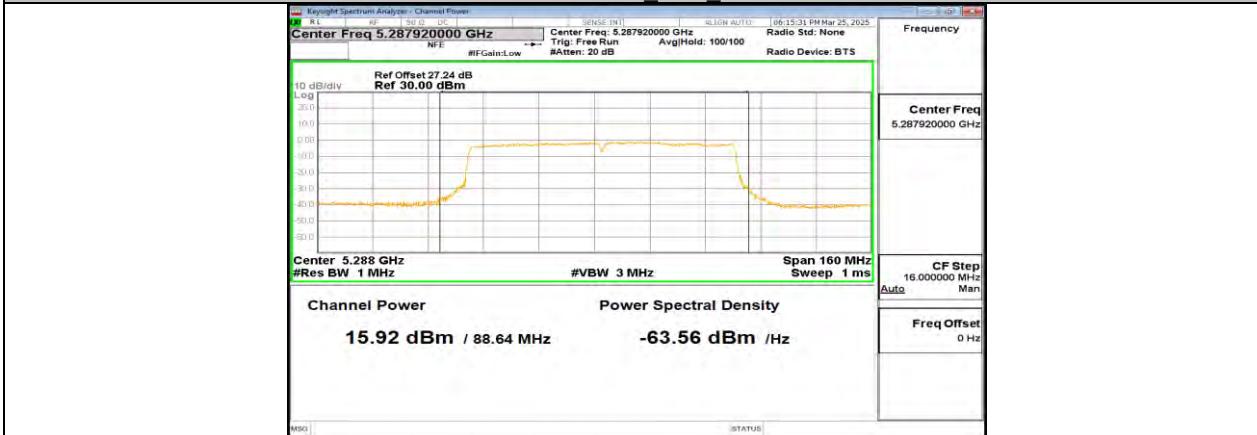




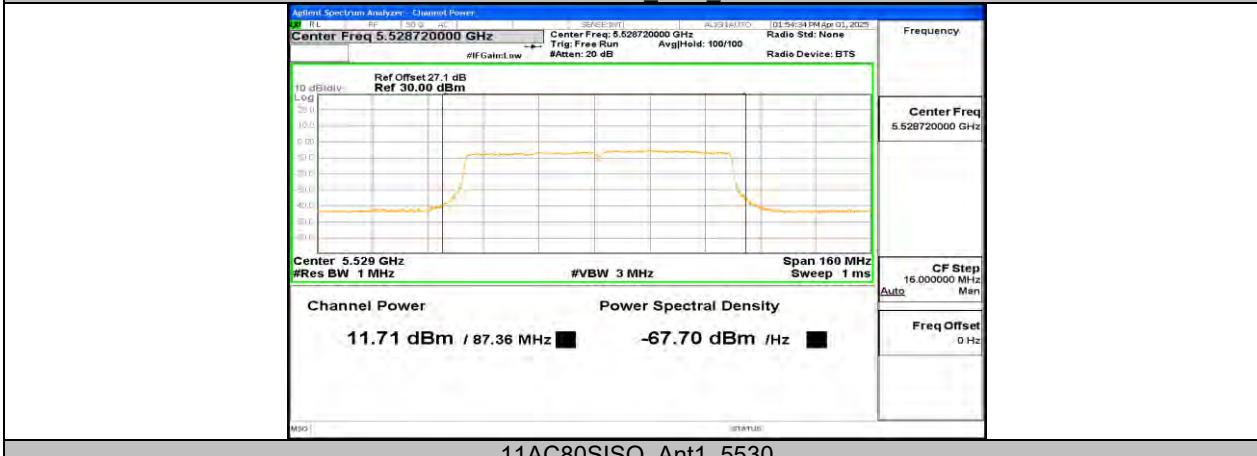




11AC80SISO Ant1 5210



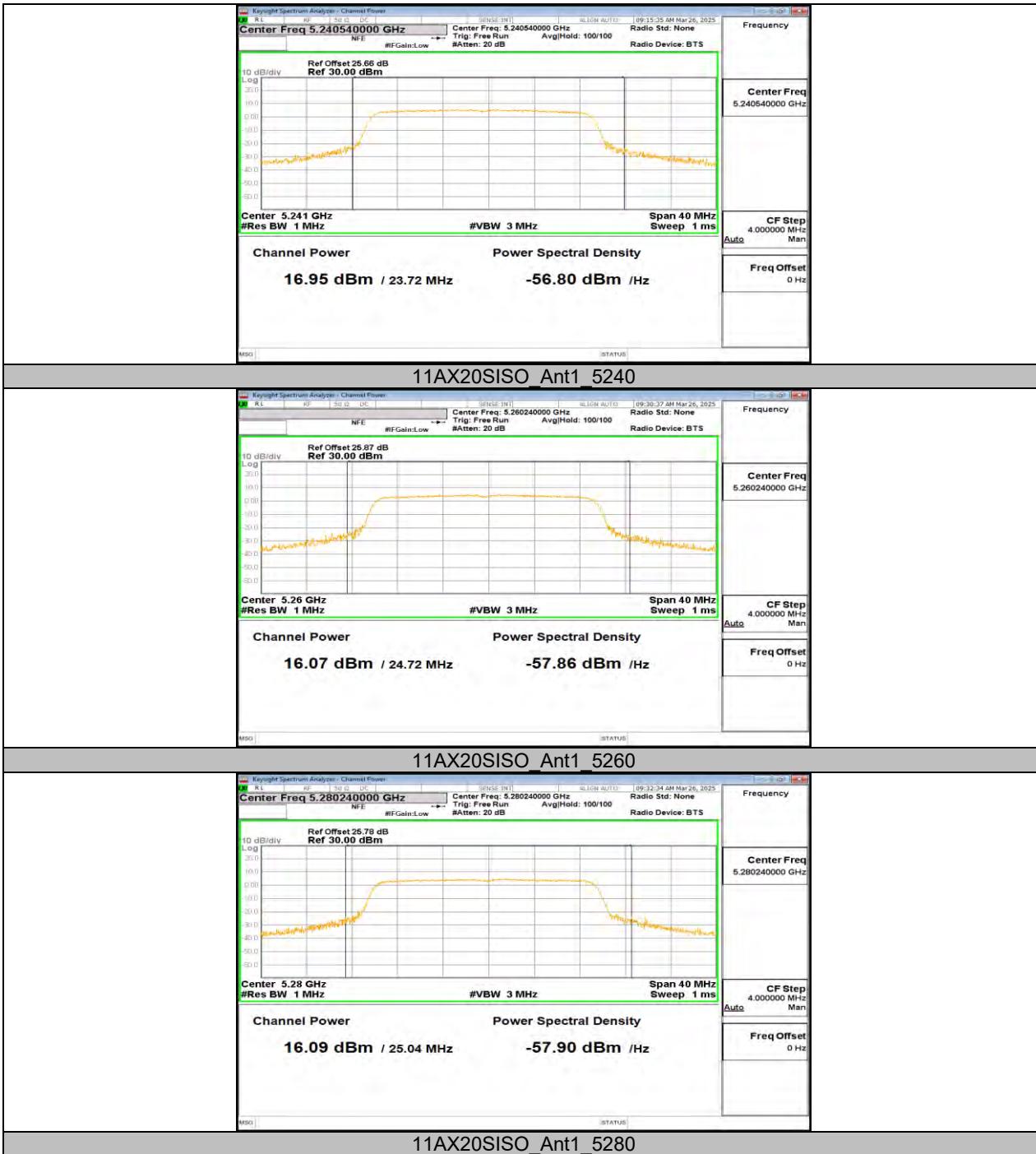
11AC80SISO Ant1 5290

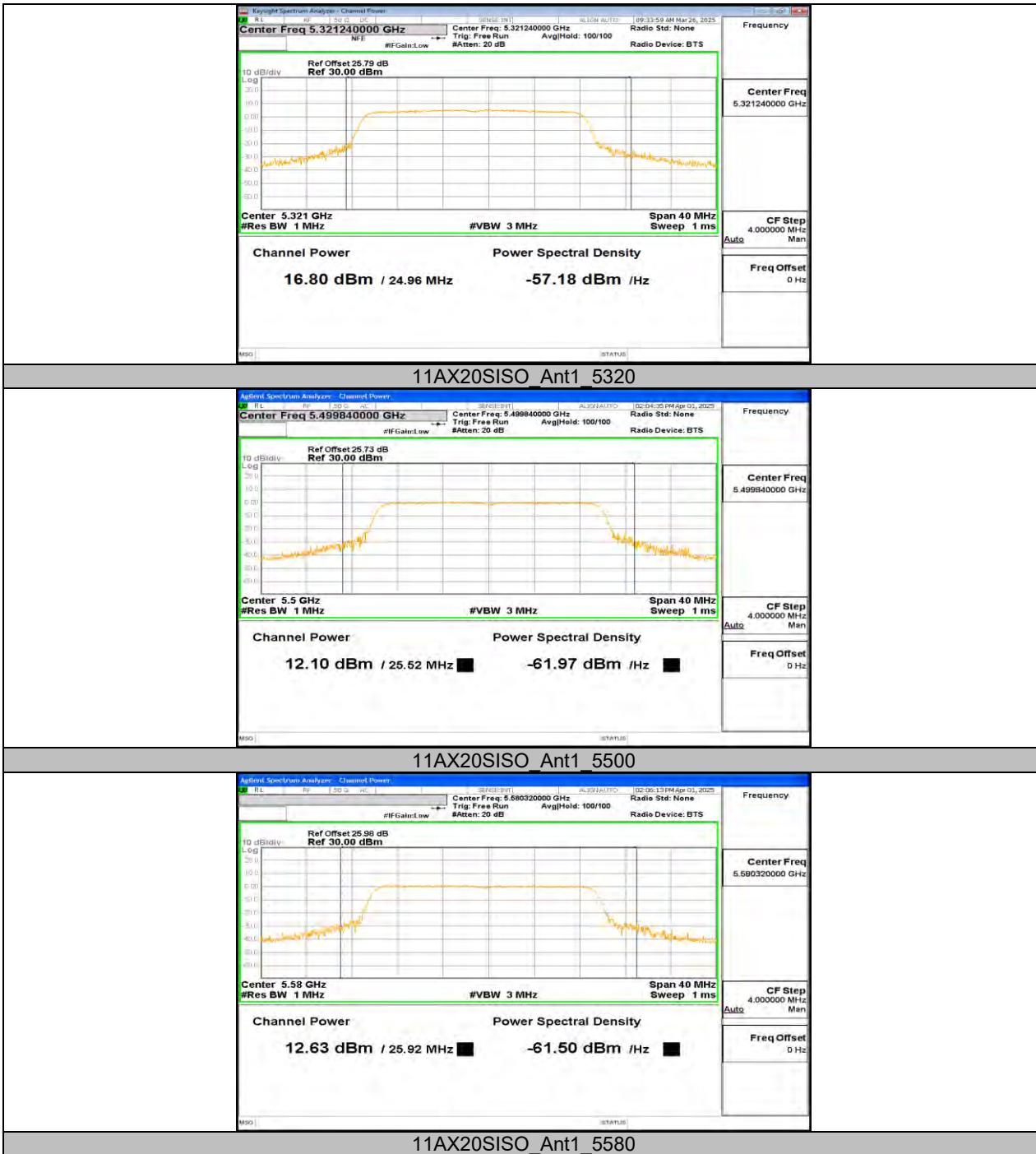


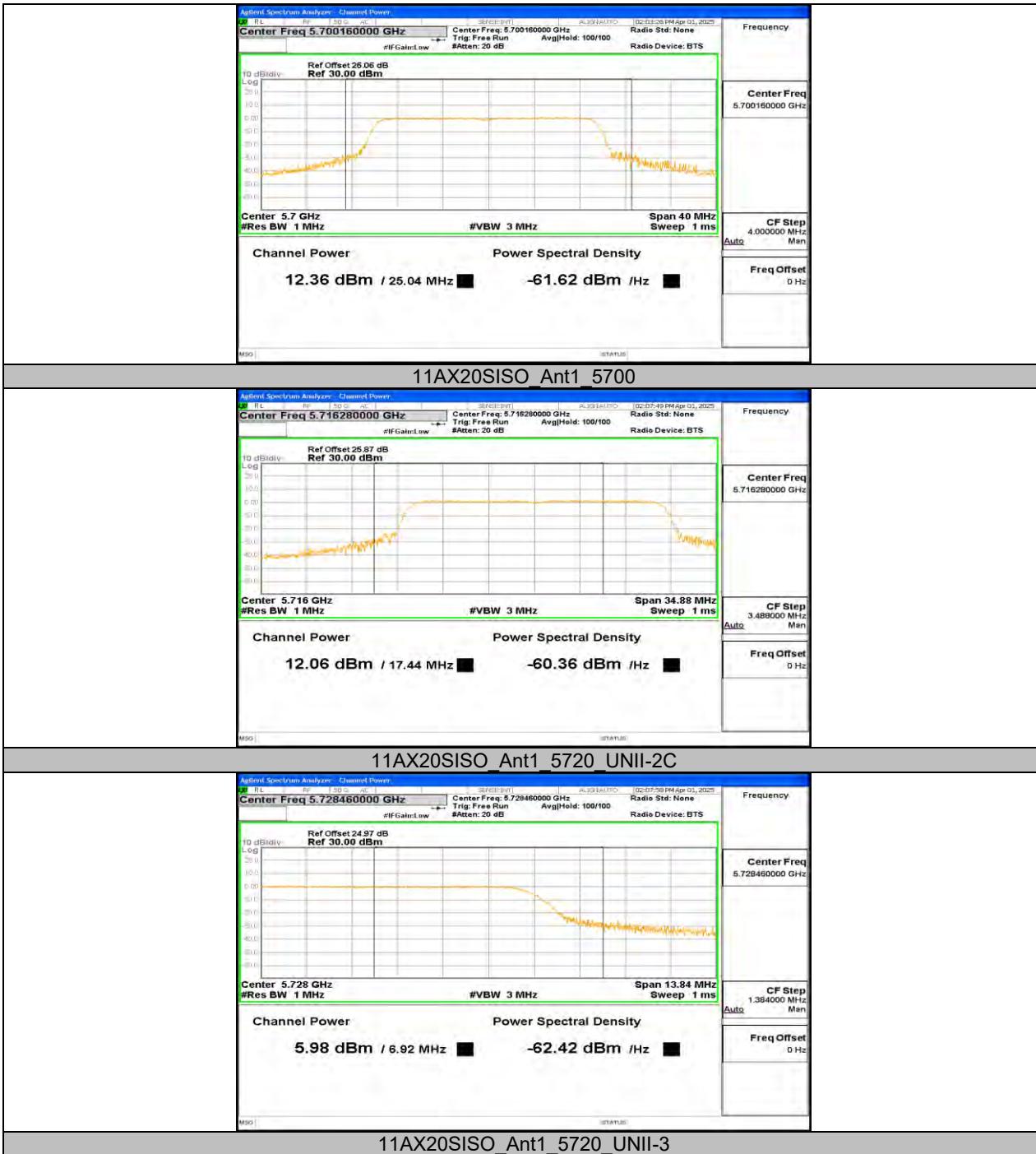
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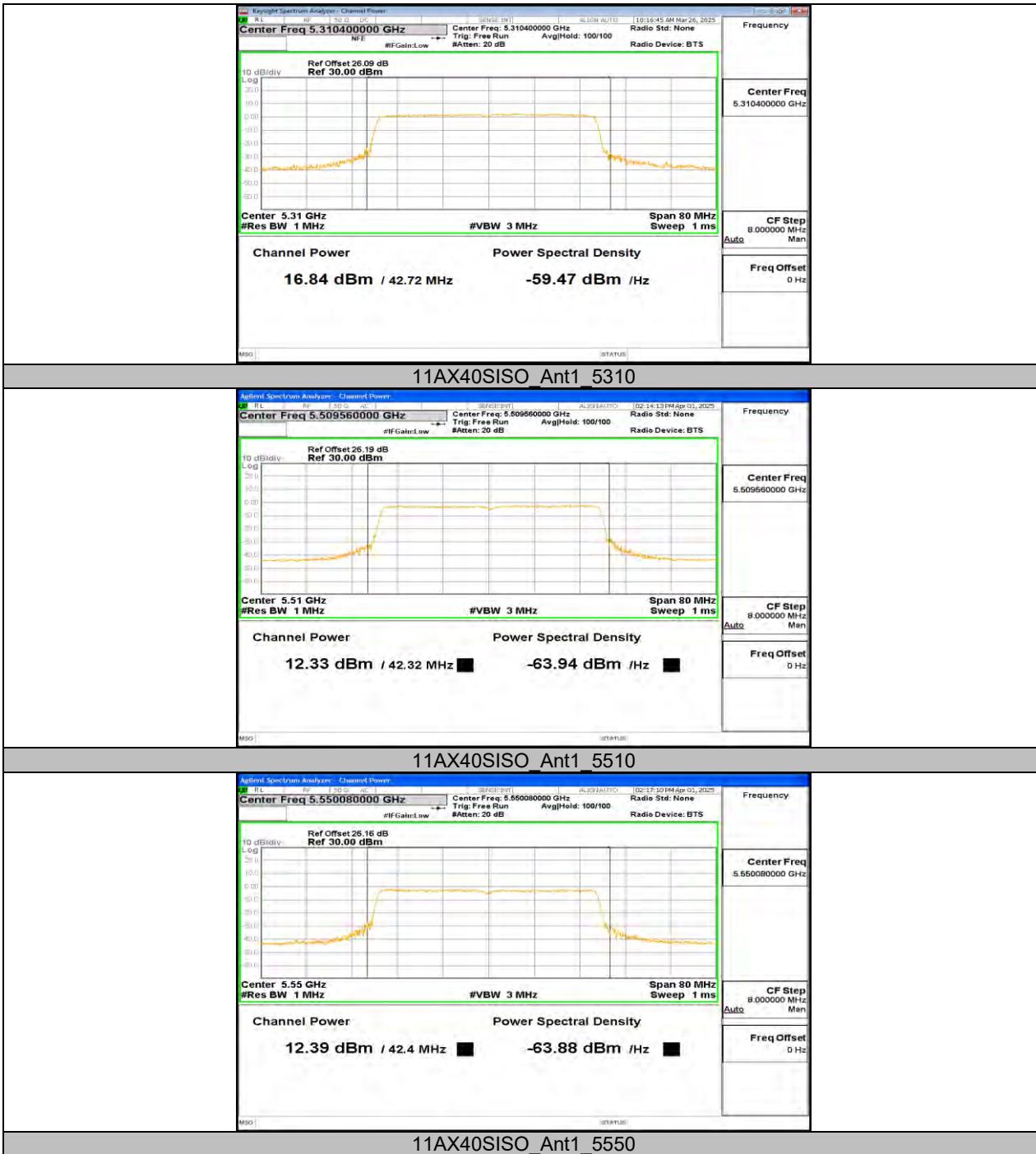


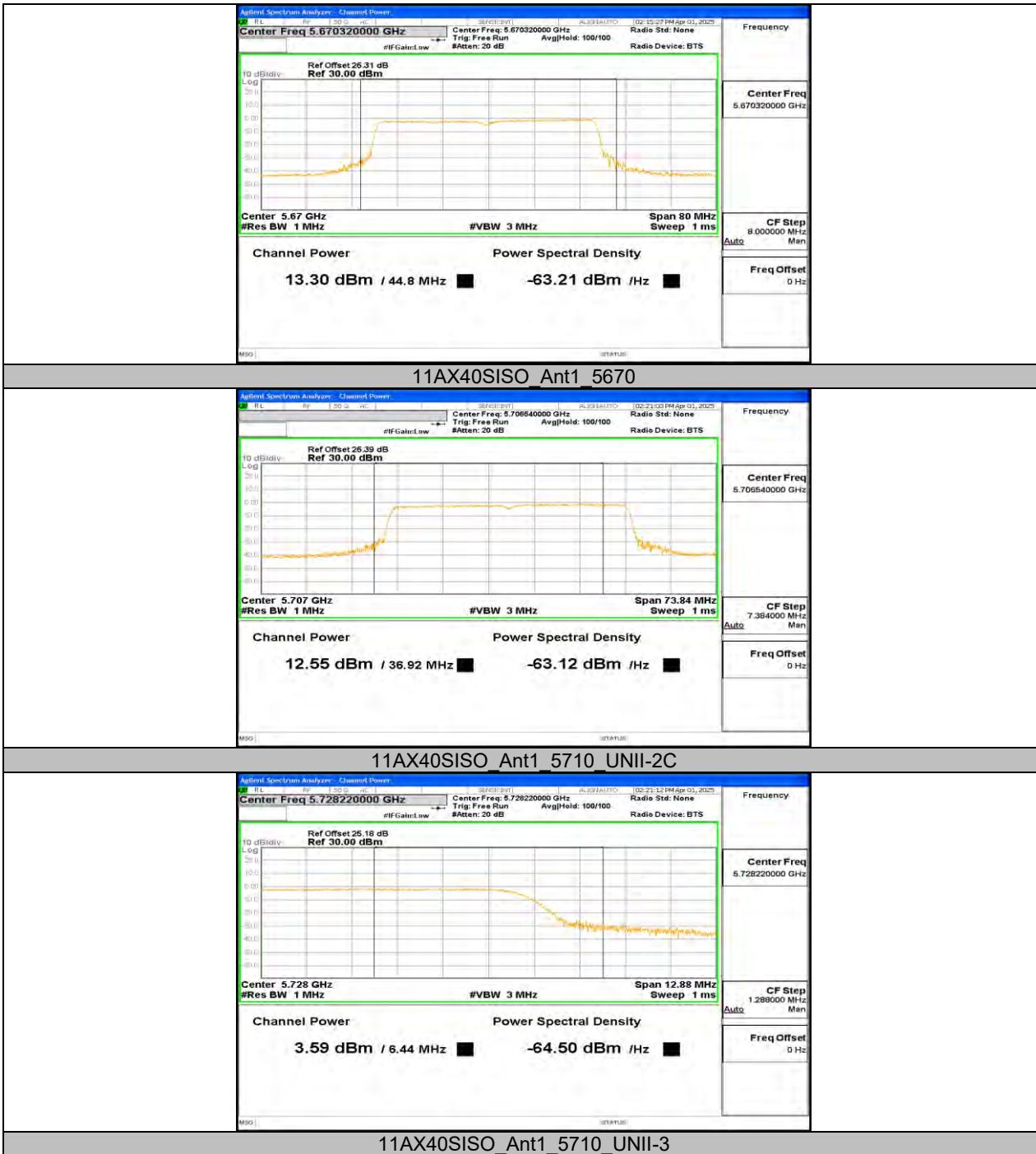


















11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	5.32	≤11.00	PASS
		5200	5.40	≤11.00	PASS
		5240	5.47	≤11.00	PASS
		5260	7.04	≤11.00	PASS
		5280	6.25	≤11.00	PASS
		5320	5.65	≤11.00	PASS
		5500	0.72	≤11.00	PASS
		5580	0.55	≤11.00	PASS
		5700	0.58	≤11.00	PASS
		5720_UNII-2C	0.90	≤11.00	PASS
		5720_UNII-3	-2.39	≤30.00	PASS
		5745	3.03	≤30.00	PASS
		5785	2.93	≤30.00	PASS
		5825	3.24	≤30.00	PASS
11N20SISO	Ant1	5180	5.21	≤11.00	PASS
		5200	5.29	≤11.00	PASS
		5240	5.65	≤11.00	PASS
		5260	5.56	≤11.00	PASS
		5280	5.05	≤11.00	PASS
		5320	5.35	≤11.00	PASS
		5500	-0.50	≤11.00	PASS
		5580	-0.48	≤11.00	PASS
		5700	-0.38	≤11.00	PASS
		5720_UNII-2C	-0.79	≤11.00	PASS
		5720_UNII-3	-3.52	≤30.00	PASS
		5745	2.09	≤30.00	PASS
		5785	2.27	≤30.00	PASS
		5825	2.36	≤30.00	PASS
11N40SISO	Ant1	5190	3.17	≤11.00	PASS
		5230	1.90	≤11.00	PASS
		5270	1.95	≤11.00	PASS
		5310	2.80	≤11.00	PASS
		5510	-2.74	≤11.00	PASS
		5550	-2.81	≤11.00	PASS
		5670	-2.39	≤11.00	PASS
		5710_UNII-2C	-4.26	≤11.00	PASS
		5710_UNII-3	-6.94	≤30.00	PASS
		5755	-0.90	≤30.00	PASS
		5795	-0.70	≤30.00	PASS
11AC80SISO	Ant1	5210	-0.55	≤11.00	PASS
		5290	-1.31	≤11.00	PASS
		5530	-7.82	≤11.00	PASS
		5610	-3.83	≤11.00	PASS
		5690_UNII-2C	-3.78	≤11.00	PASS
		5690_UNII-3	-7.73	≤30.00	PASS
		5775	-1.91	≤30.00	PASS
11AX20SISO	Ant1	5180	4.75	≤11.00	PASS
		5200	4.99	≤11.00	PASS
		5240	5.31	≤11.00	PASS
		5260	4.56	≤11.00	PASS
		5280	4.60	≤11.00	PASS
		5320	5.39	≤11.00	PASS
		5500	0.07	≤11.00	PASS
		5580	1.21	≤11.00	PASS
		5700	0.94	≤11.00	PASS

		5720_UNII-2C	0.99	≤ 11.00	PASS
		5720_UNII-3	-1.89	≤ 30.00	PASS
		5745	2.52	≤ 30.00	PASS
		5785	1.29	≤ 30.00	PASS
		5825	1.79	≤ 30.00	PASS
11AX40SISO	Ant1	5190	1.88	≤ 11.00	PASS
		5230	2.40	≤ 11.00	PASS
		5270	2.00	≤ 11.00	PASS
		5310	2.62	≤ 11.00	PASS
		5510	-0.05	≤ 11.00	PASS
		5550	-0.50	≤ 11.00	PASS
		5670	-0.27	≤ 11.00	PASS
		5710_UNII-2C	-0.11	≤ 11.00	PASS
		5710_UNII-3	-2.90	≤ 30.00	PASS
		5755	-1.37	≤ 30.00	PASS
		5795	-1.54	≤ 30.00	PASS
		5210	-1.37	≤ 11.00	PASS
11AX80SISO	Ant1	5290	-1.74	≤ 11.00	PASS
		5530	-4.32	≤ 11.00	PASS
		5610	-4.71	≤ 11.00	PASS
		5690_UNII-2C	-1.12	≤ 11.00	PASS
		5690_UNII-3	-3.69	≤ 30.00	PASS
		5775	-3.98	≤ 30.00	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

