

Case No. : <u>GTS20251122004-1-13</u>
Ambient Condition: <u>25</u> °C, <u>52</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.4.9-2026.4.22</u> Test Engineer: <u>Evan ouyang</u>

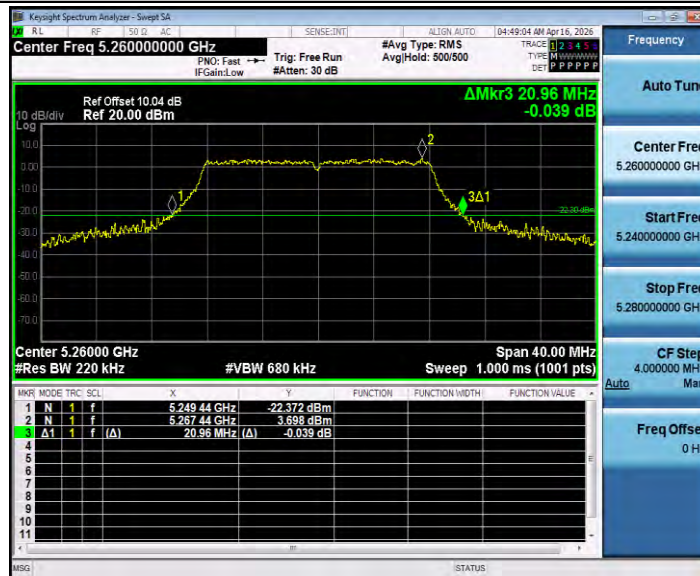
Appendix E.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	20.960	5249.440	5270.400	---	---
		5280	21.480	5269.360	5290.840	---	---
		5320	21.280	5309.320	5330.600	---	---
11N20SISO	Ant1	5260	21.560	5249.240	5270.800	---	---
		5280	21.760	5269.080	5290.840	---	---
		5320	21.400	5309.280	5330.680	---	---
11N40SISO	Ant1	5270	40.480	5249.600	5290.080	---	---
		5310	44.000	5288.320	5332.320	---	---
11AC20SISO	Ant1	5260	21.920	5249.200	5271.120	---	---
		5280	22.600	5268.760	5291.360	---	---
		5320	23.720	5307.520	5331.240	---	---
11AC40SISO	Ant1	5270	40.320	5249.760	5290.080	---	---
		5310	40.240	5289.840	5330.080	---	---
11AC80SISO	Ant1	5290	80.320	5249.840	5330.160	---	---
11AX20SISO	Ant1	5260	22.040	5248.880	5270.920	---	---
		5280	22.280	5268.680	5290.960	---	---
		5320	24.880	5308.480	5333.360	---	---
11AX40SISO	Ant1	5270	72.640	5231.120	5303.760	---	---
		5310	49.760	5281.760	5331.520	---	---
11AX80SISO	Ant1	5290	91.040	5240.240	5331.280	---	---

Test Graphs

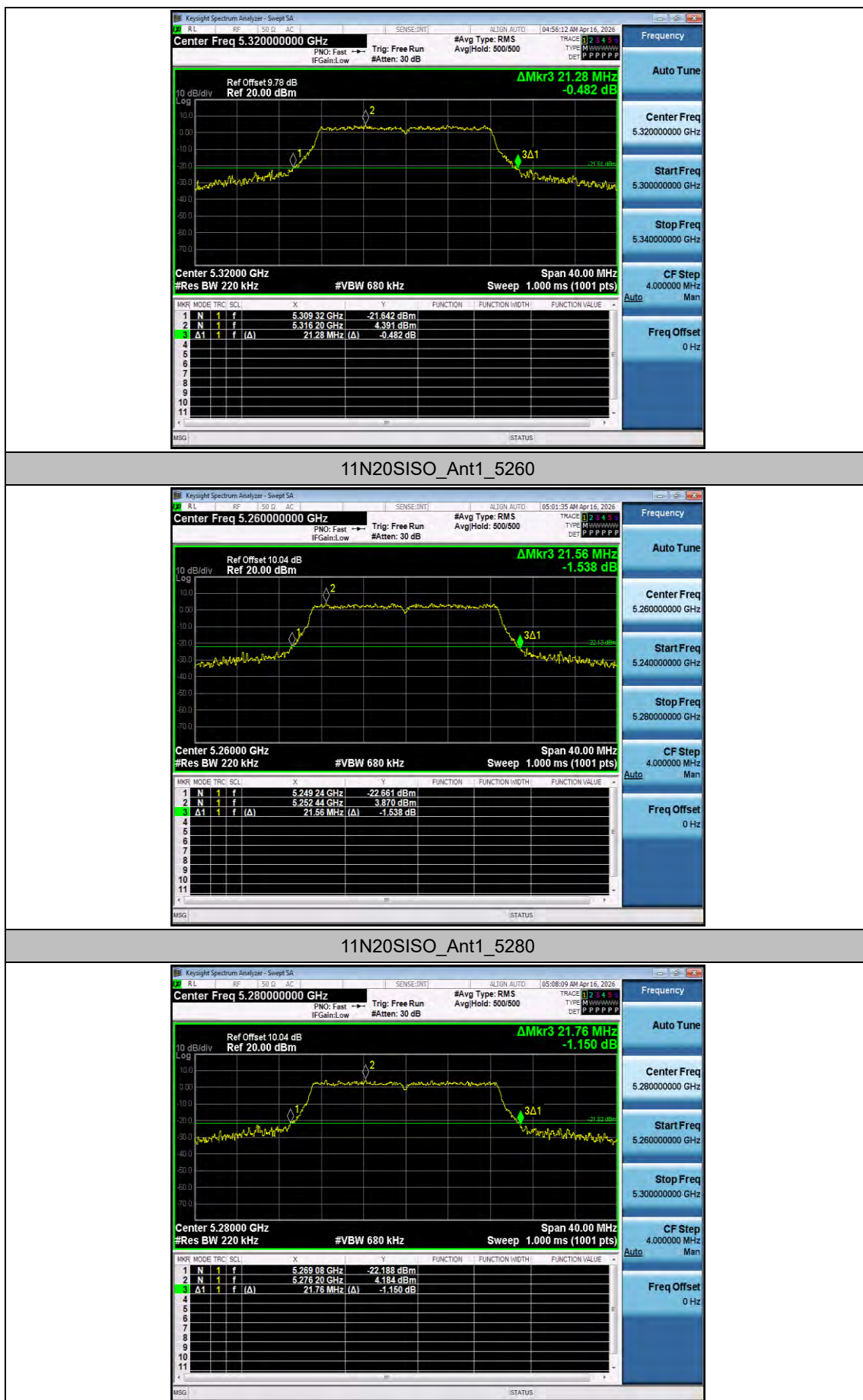
11A_Ant1_5260



11A_Ant1_5280



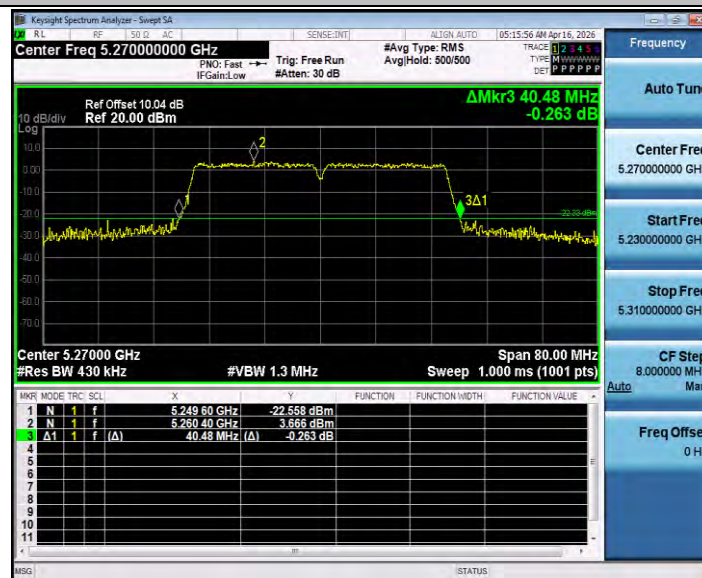
11A_Ant1_5320



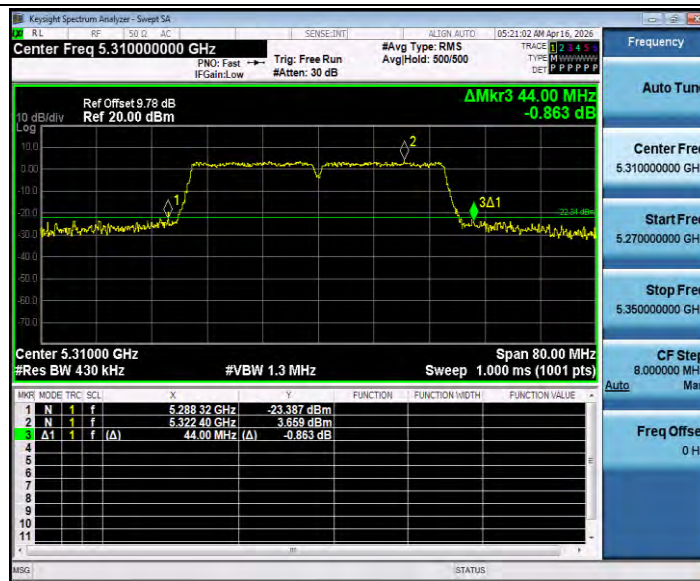
11N20SISO_Ant1_5320



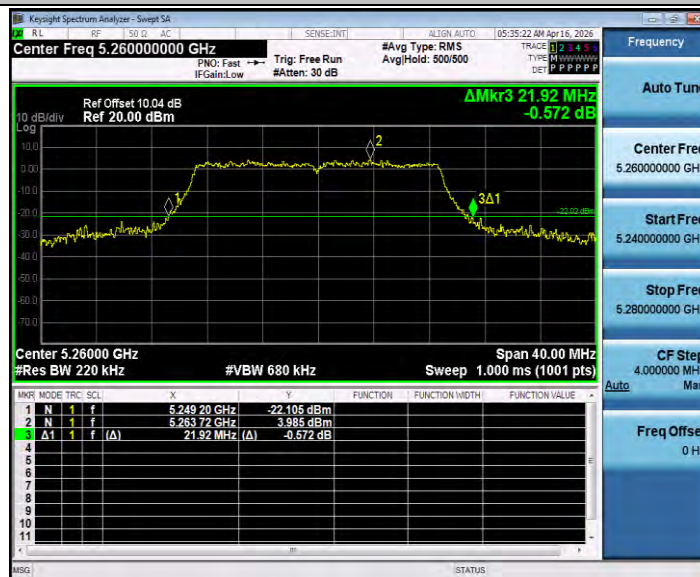
11N40SISO_Ant1_5270



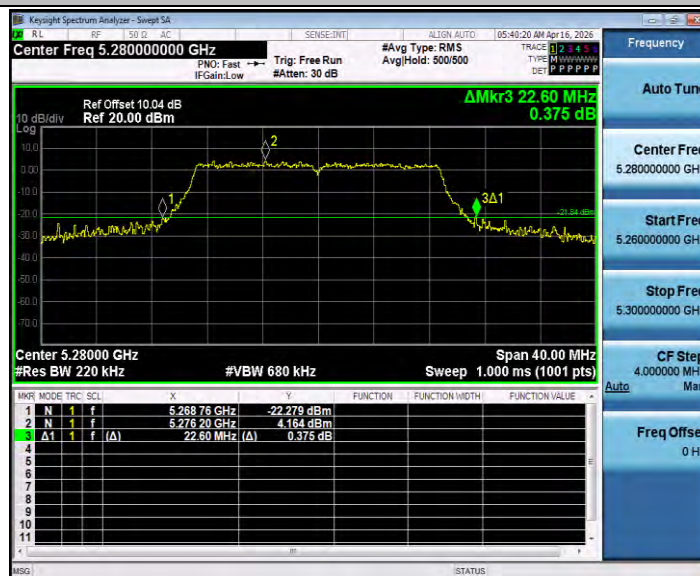
11N40SISO_Ant1_5310



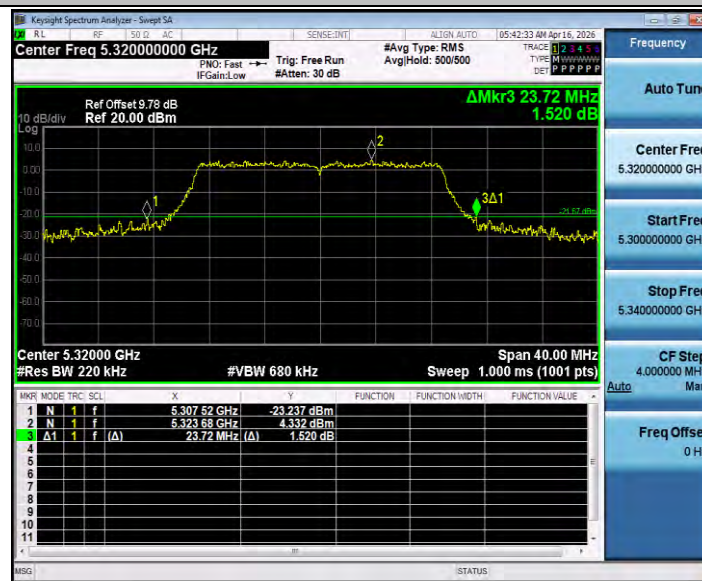
11AC20SISO_Ant1_5260



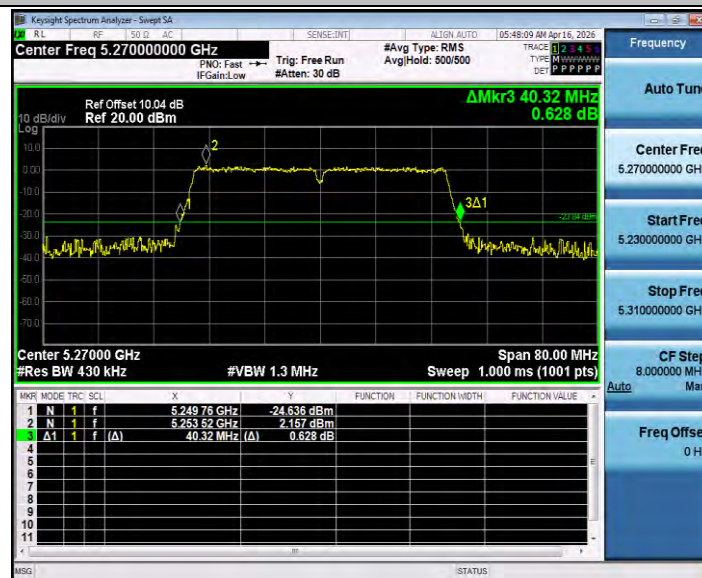
11AC20SISO_Ant1_5280



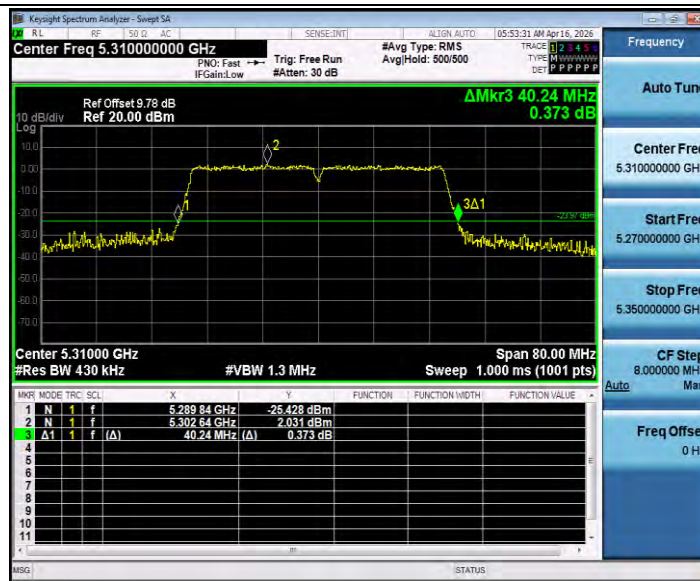
11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



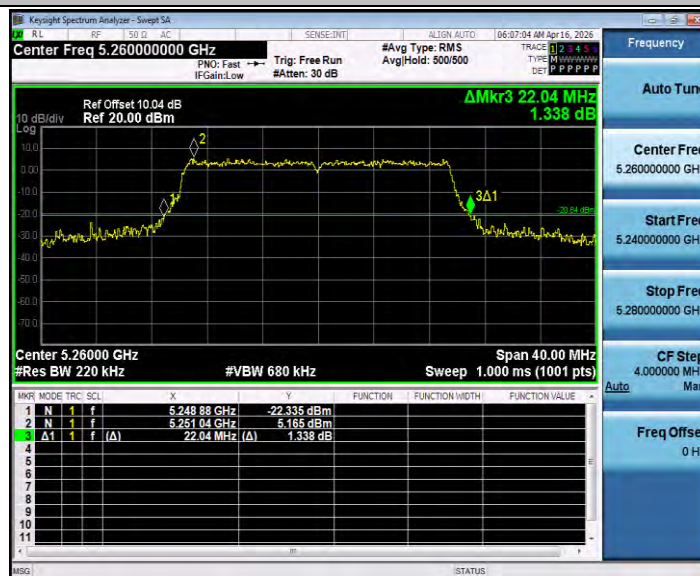
11AC40SISO_Ant1_5310



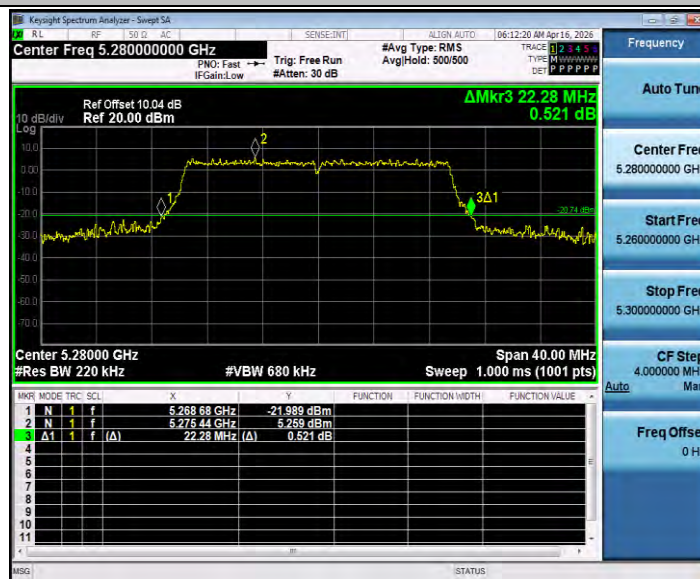
11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



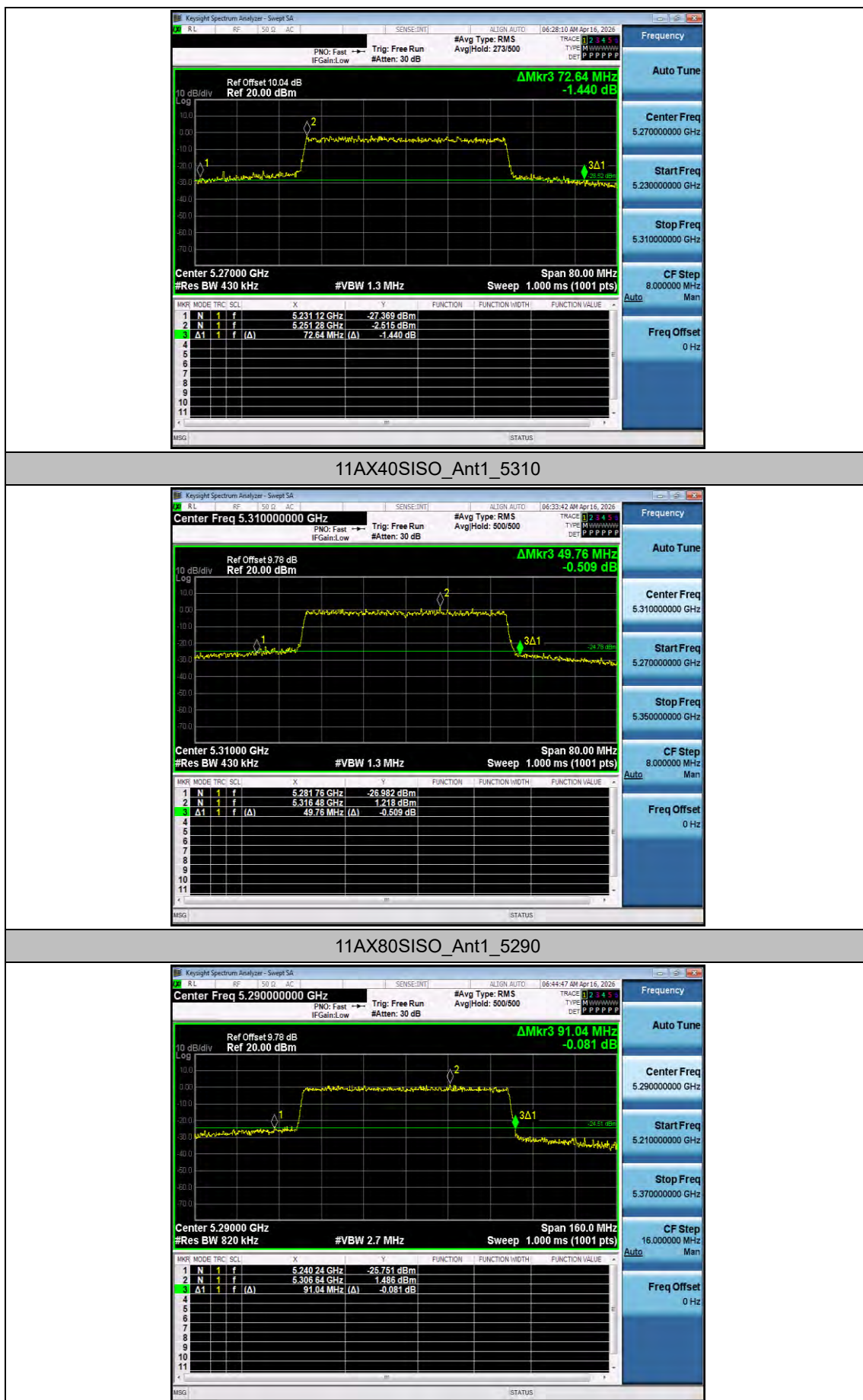
11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270

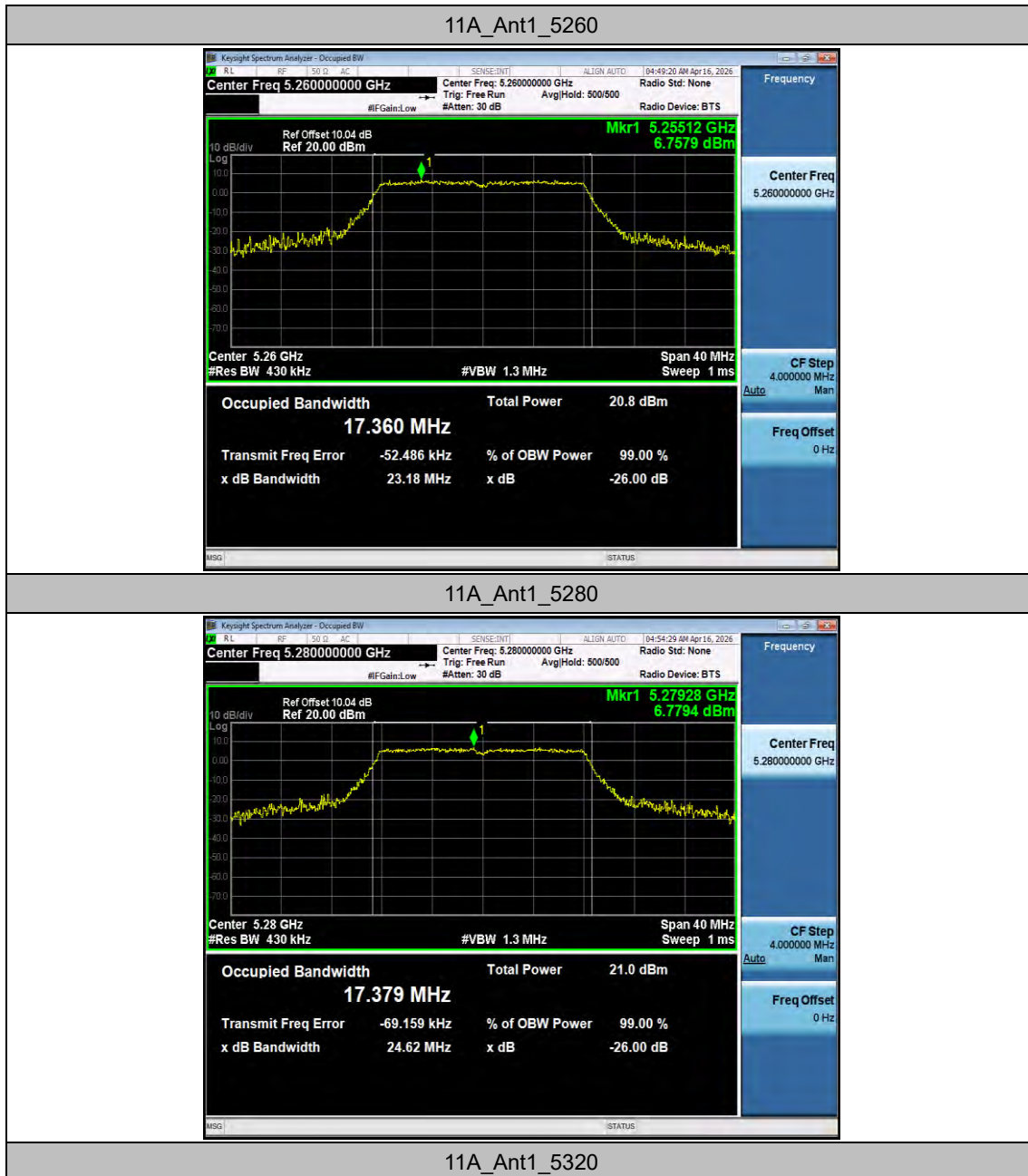


Appendix E.2: Occupied channel bandwidth

Test Result

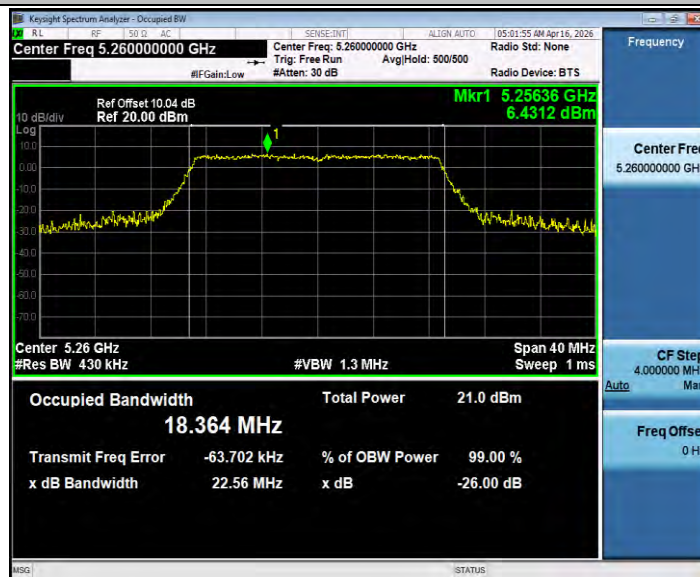
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	17.360	5251.2675	5268.6275	---	---
		5280	17.379	5271.2413	5288.6203	---	---
		5320	17.376	5311.2453	5328.6213	---	---
11N20SISO	Ant1	5260	18.364	5250.7543	5269.1183	---	---
		5280	18.380	5270.7578	5289.1378	---	---
		5320	18.382	5310.7351	5329.1171	---	---
11N40SISO	Ant1	5270	36.860	5251.4964	5288.3564	---	---
		5310	36.898	5291.4902	5328.3882	---	---
11AC20SISO	Ant1	5260	18.340	5250.7750	5269.1150	---	---
		5280	18.380	5270.7480	5289.1280	---	---
		5320	18.398	5310.7565	5329.1545	---	---
11AC40SISO	Ant1	5270	36.800	5251.5255	5288.3255	---	---
		5310	36.738	5291.5878	5328.3258	---	---
11AC80SISO	Ant1	5290	75.647	5252.1227	5327.7697	---	---
11AX20SISO	Ant1	5260	19.364	5250.2650	5269.6290	---	---
		5280	19.363	5270.2851	5289.6481	---	---
		5320	19.355	5310.2622	5329.6172	---	---
11AX40SISO	Ant1	5270	38.451	5250.7086	5289.1596	---	---
		5310	38.311	5290.7042	5329.0152	---	---
11AX80SISO	Ant1	5290	78.051	5250.8587	5328.9097	---	---

Test Graphs

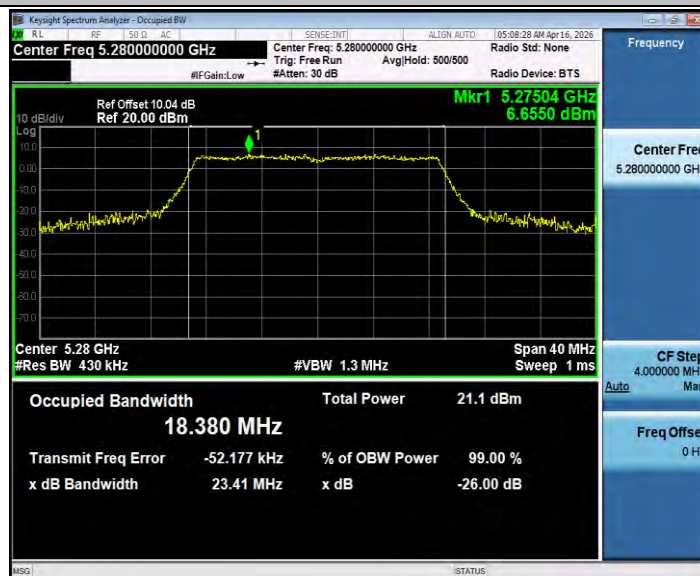




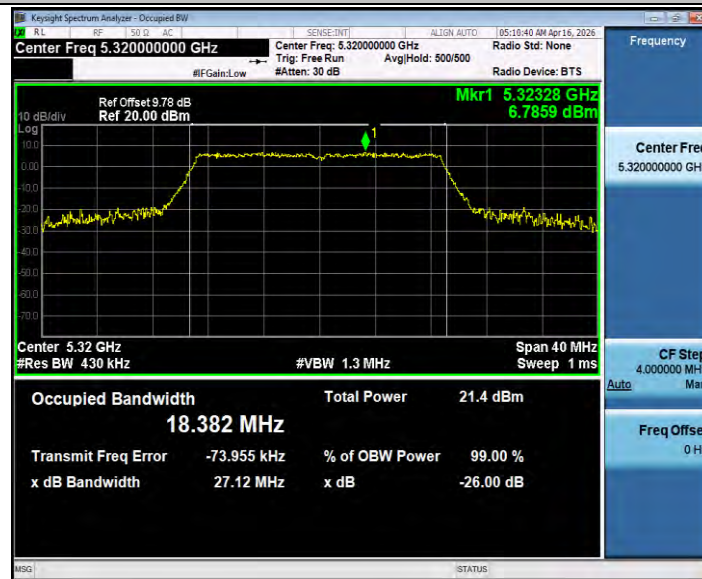
11N20SISO_Ant1_5260



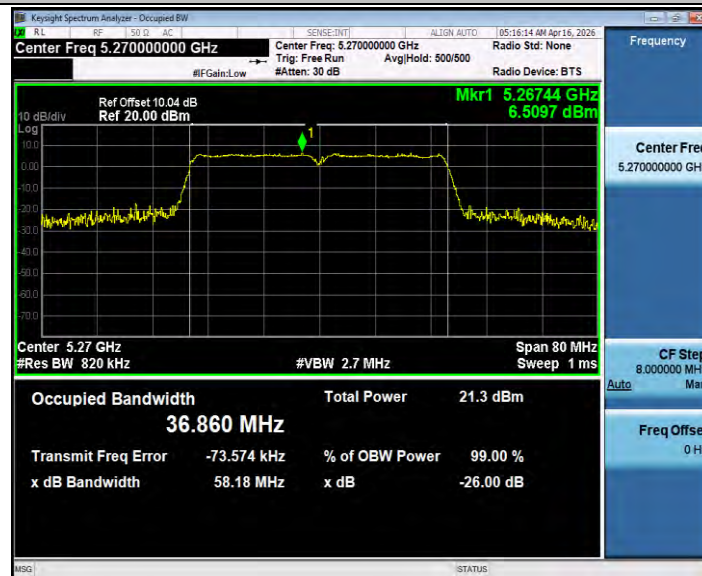
11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



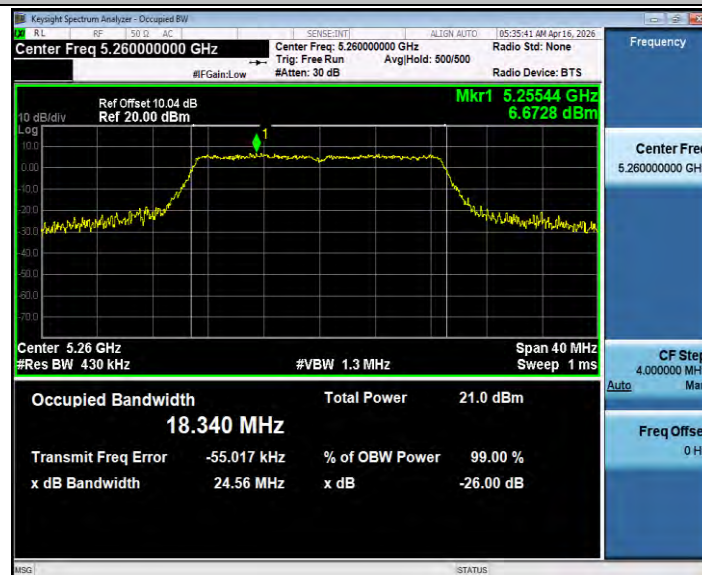
11N40SISO_Ant1_5270



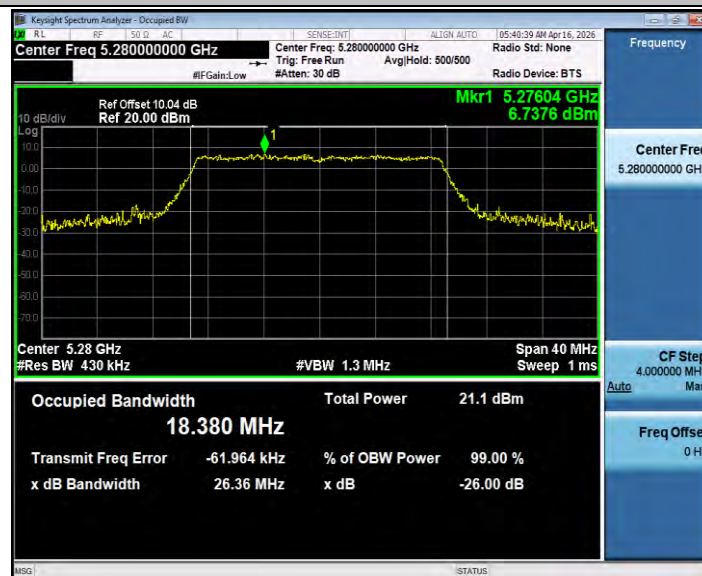
11N40SISO_Ant1_5310



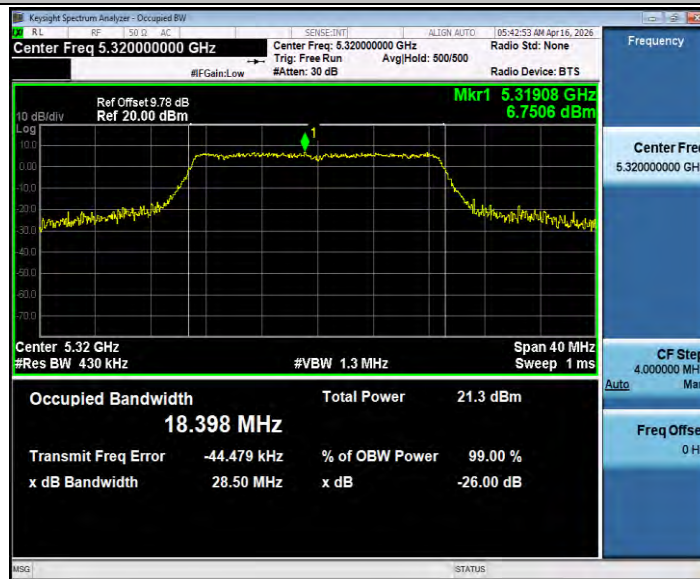
11AC20SISO_Ant1_5260



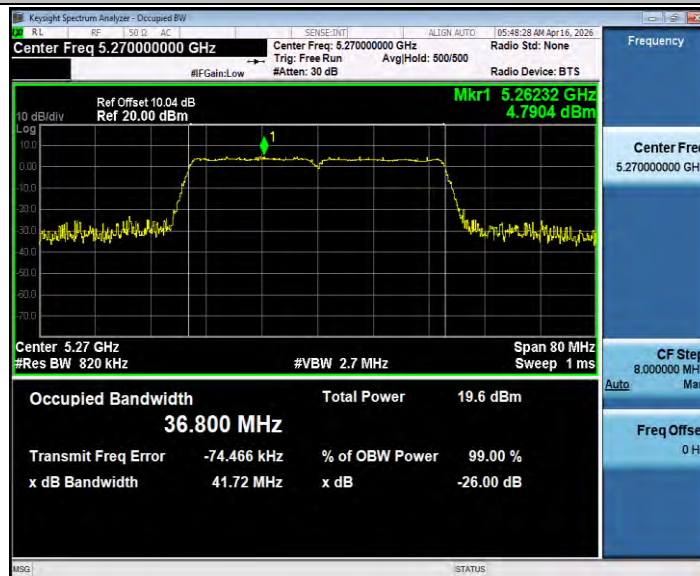
11AC20SISO_Ant1_5280



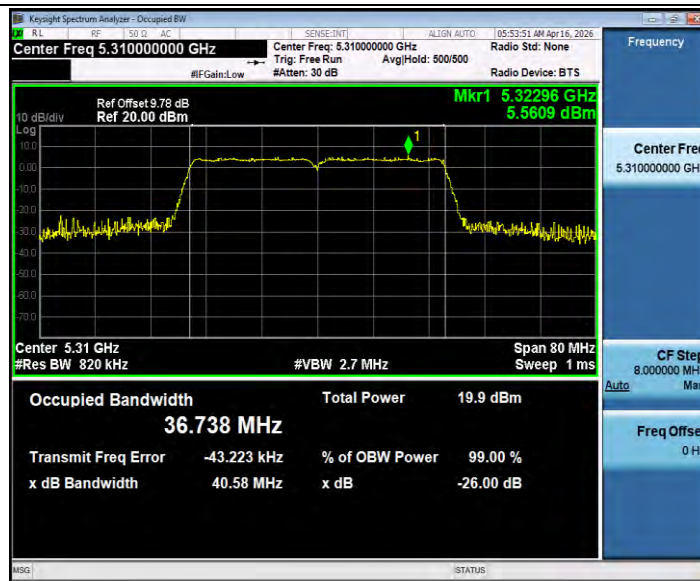
11AC20SISO_Ant1_5320



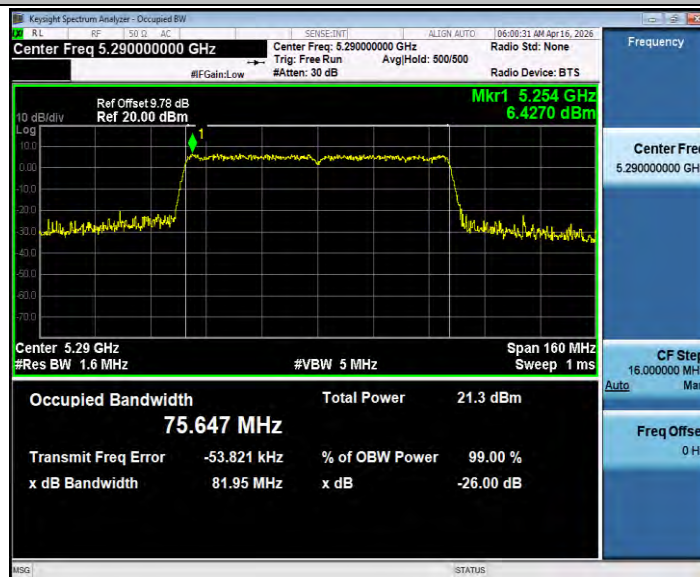
11AC40SISO_Ant1_5270



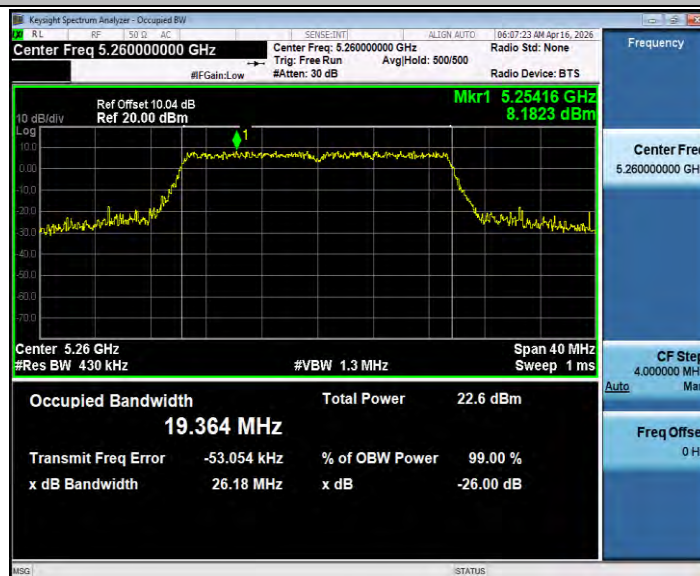
11AC40SISO_Ant1_5310



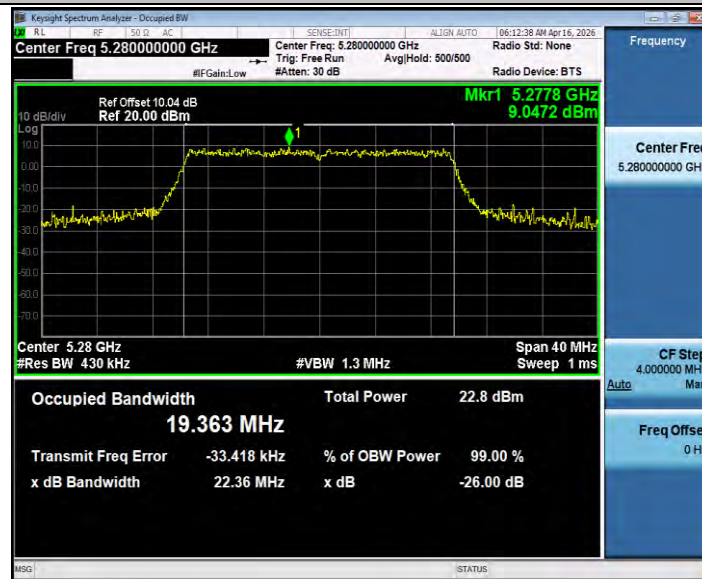
11AC80SISO_Ant1_5290



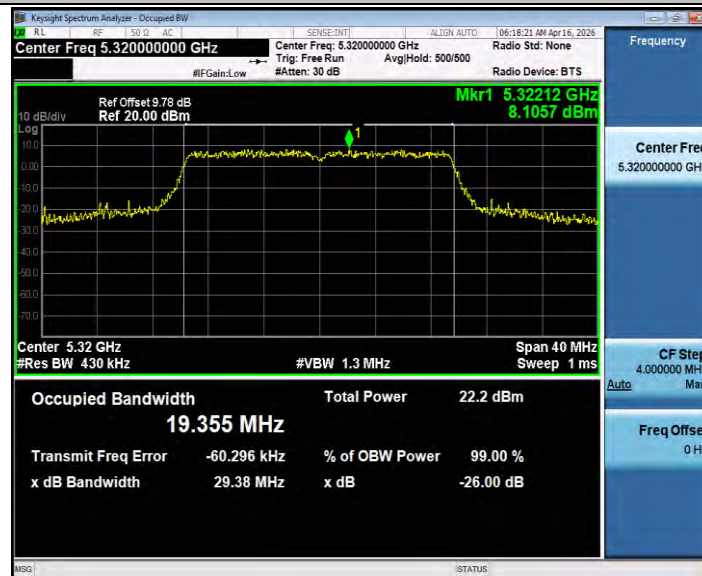
11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



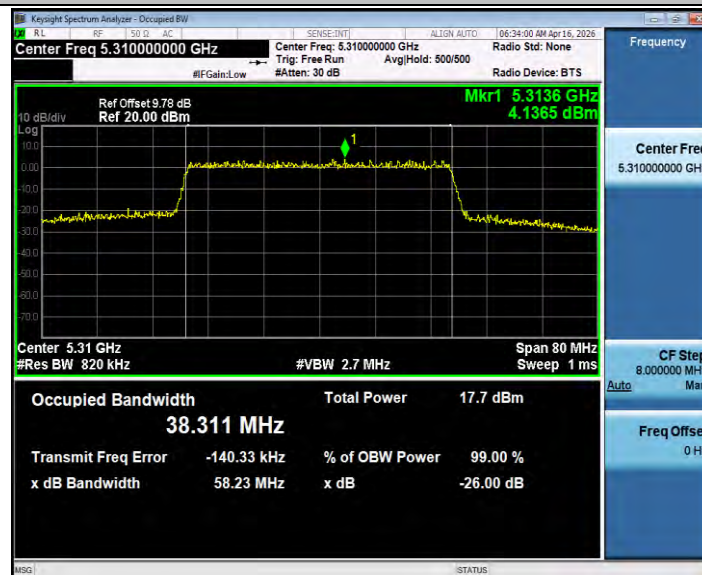
11AX20SISO_Ant1_5320



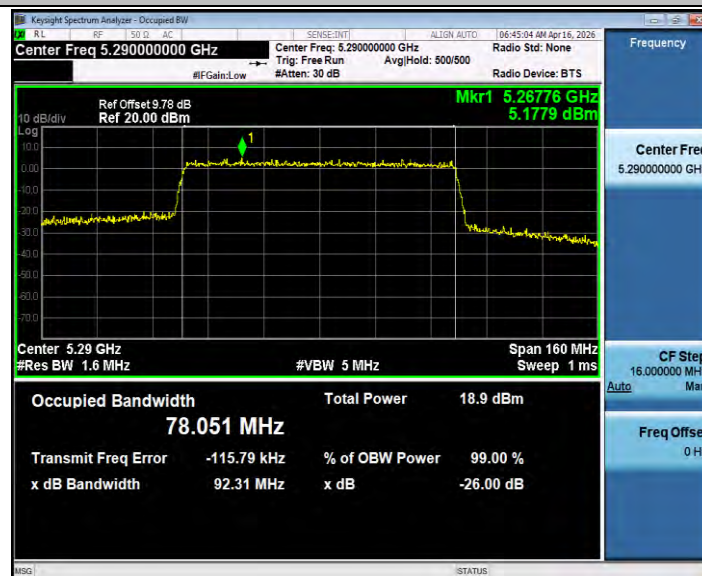
11AX40SISO_Ant1_5270



11AX40ISO_Ant1_5310



11AX80ISO_Ant1_5290

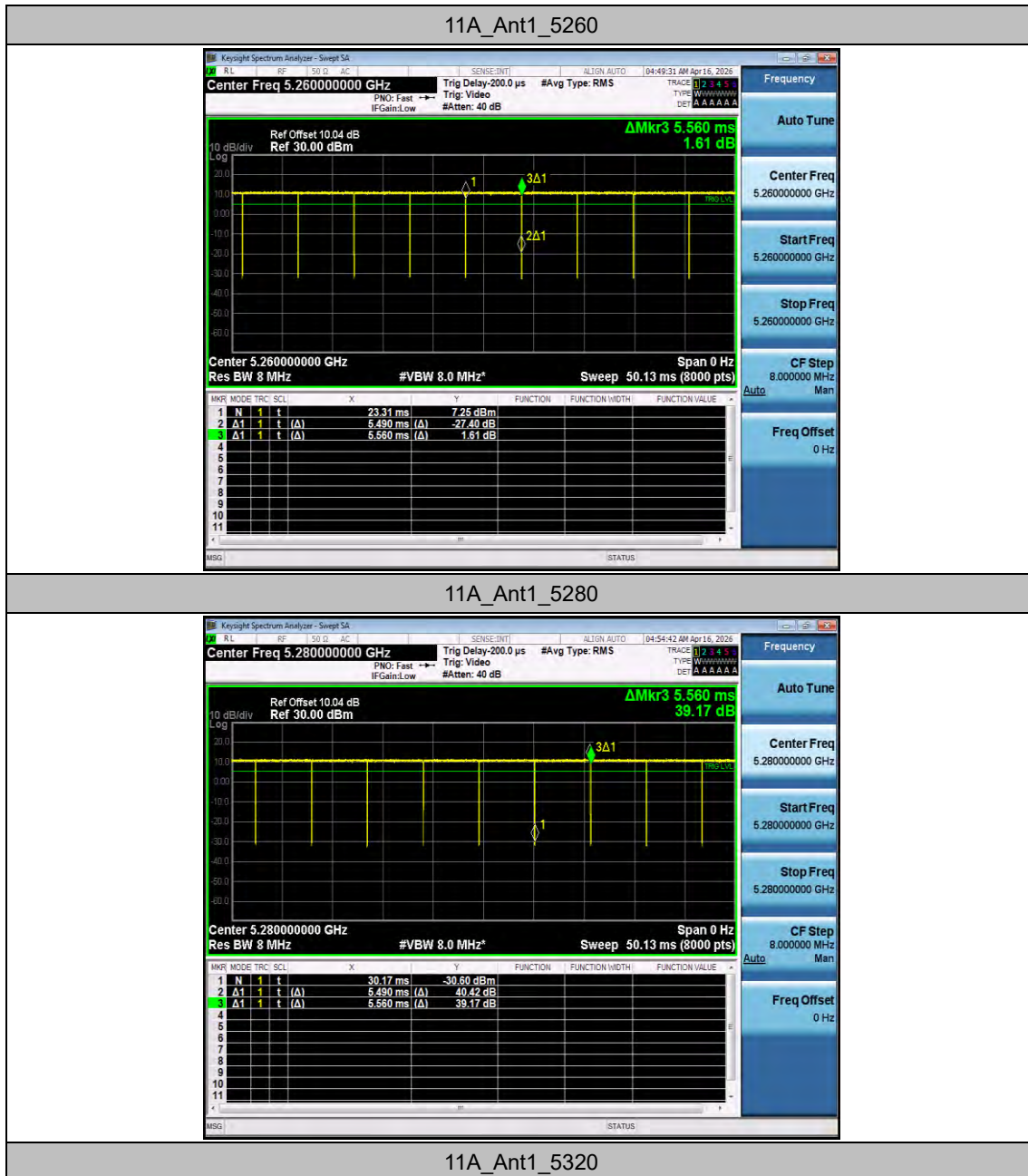


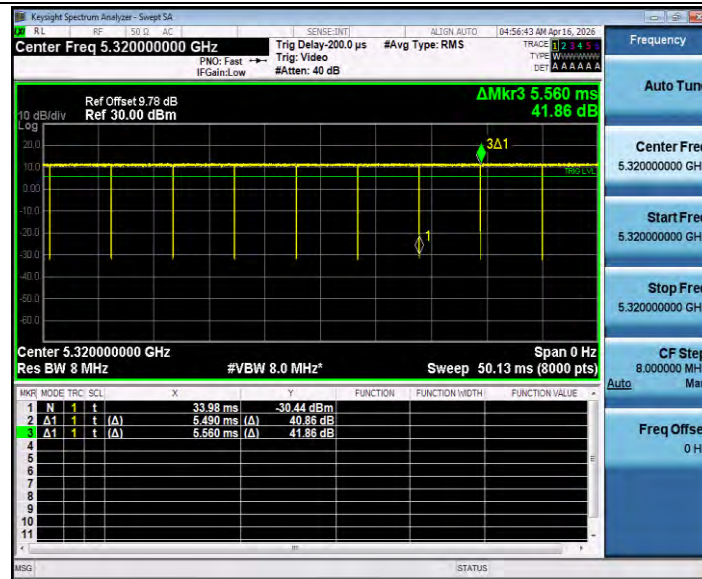
AppendixE.3: Duty Cycle

Test Result

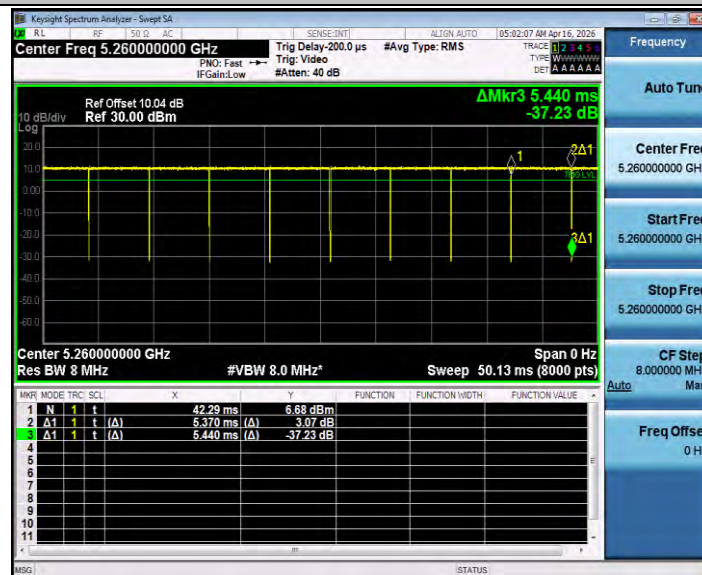
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	5.49	5.56	98.74	0.06	0.18
		5280	5.49	5.56	98.74	0.06	0.18
		5320	5.49	5.56	98.74	0.06	0.18
11N20SISO	Ant1	5260	5.37	5.44	98.71	0.06	0.19
		5280	5.37	5.45	98.53	0.06	0.19
		5320	5.37	5.45	98.53	0.06	0.19
11N40SISO	Ant1	5270	5.03	5.11	98.43	0.07	0.20
		5310	5.04	5.11	98.63	0.06	0.20
11AC20SISO	Ant1	5260	5.38	5.45	98.72	0.06	0.19
		5280	5.38	5.44	98.90	0.05	0.19
		5320	5.38	5.45	98.72	0.06	0.19
11AC40SISO	Ant1	5270	5.16	5.23	98.66	0.06	0.19
		5310	5.16	5.24	98.47	0.07	0.19
11AC80SISO	Ant1	5290	4.75	4.83	98.34	0.07	0.21
11AX20SISO	Ant1	5260	4.64	4.72	98.31	0.07	0.22
		5280	4.65	4.72	98.52	0.06	0.22
		5320	4.64	4.72	98.31	0.07	0.22
11AX40SISO	Ant1	5270	4.63	4.71	98.30	0.07	0.22
		5310	4.63	4.71	98.30	0.07	0.22
11AX80SISO	Ant1	5290	4.43	4.50	98.44	0.07	0.23

Test Graphs

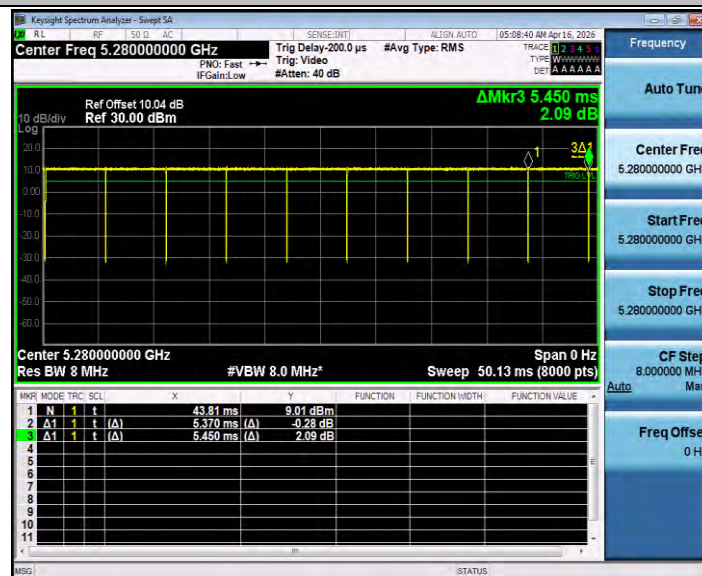




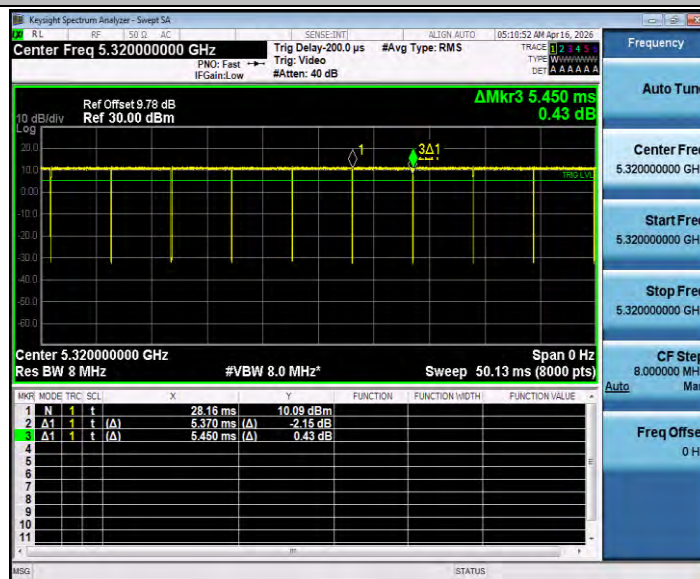
11N20SISO_Ant1_5260



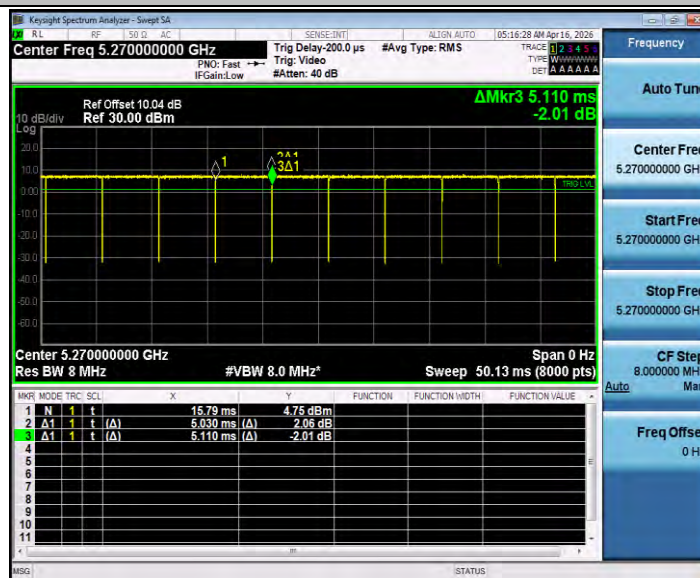
11N20SISO_Ant1_5280



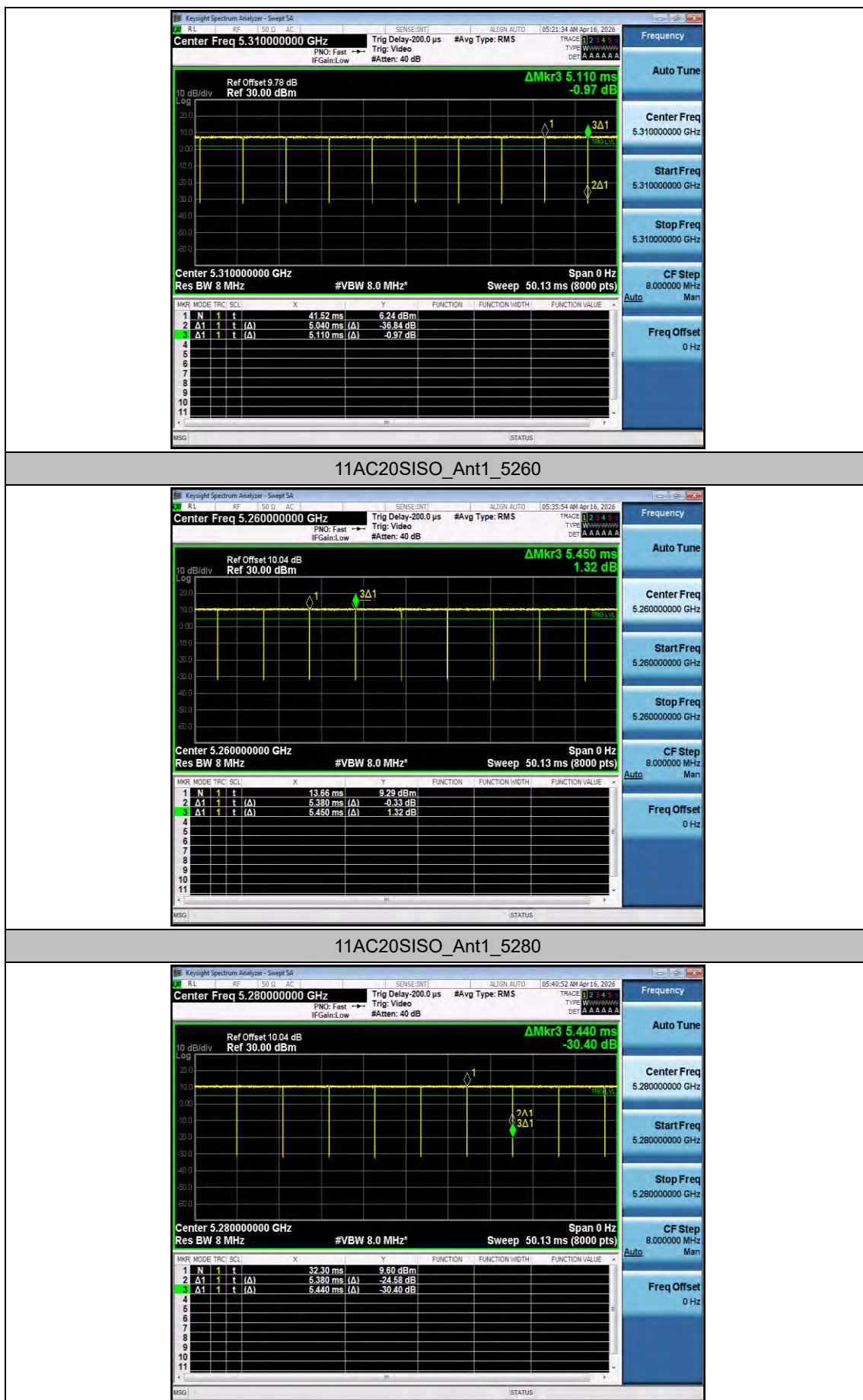
11N20SISO_Ant1_5320



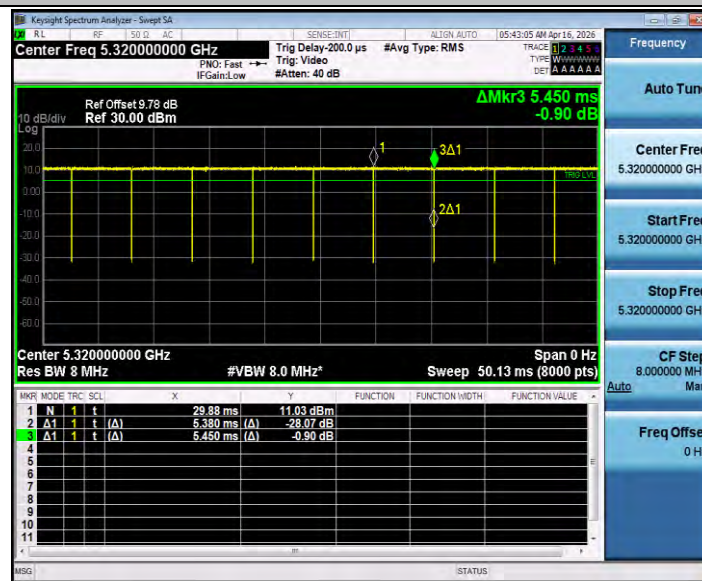
11N40SISO_Ant1_5270



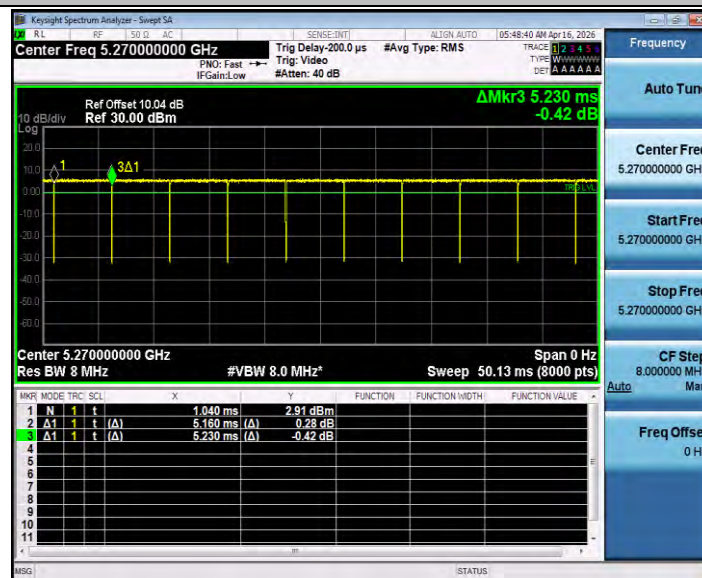
11N40SISO_Ant1_5310



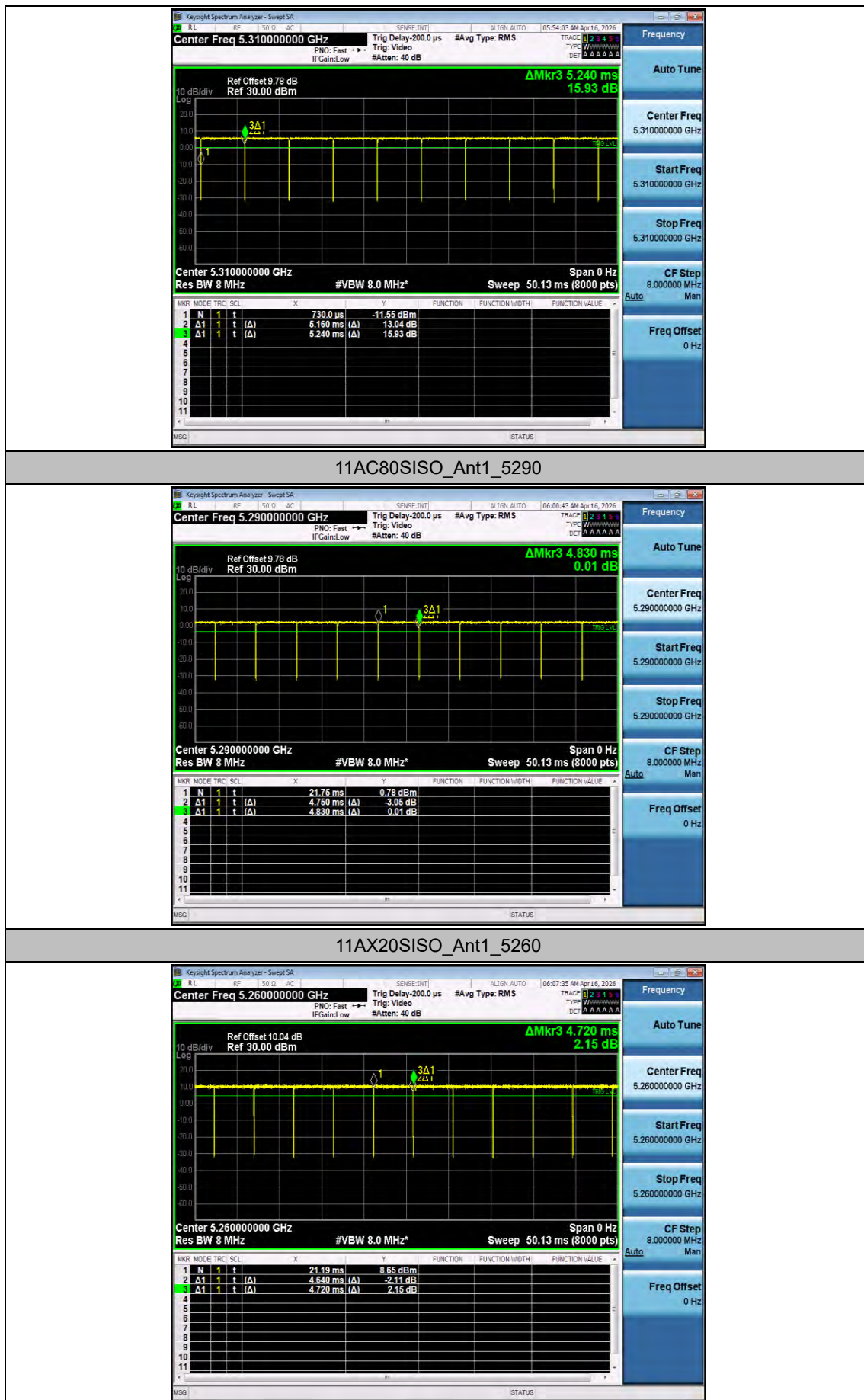
11AC20SISO_Ant1_5320



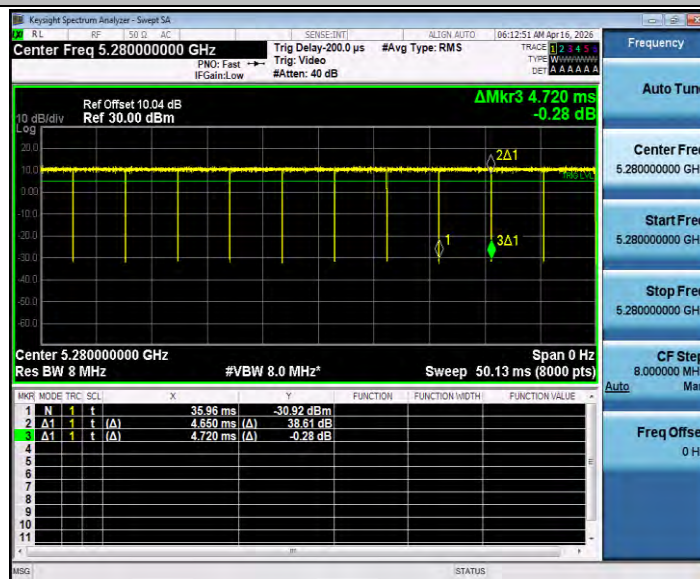
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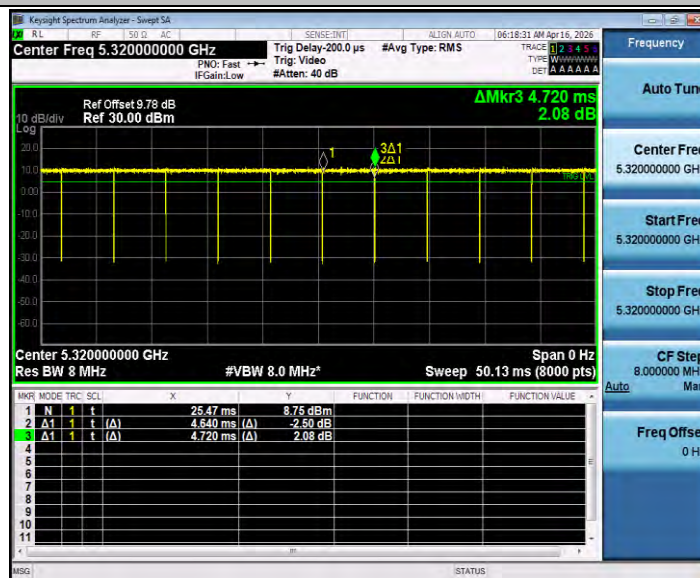
11AC40SISO_Ant1_5310



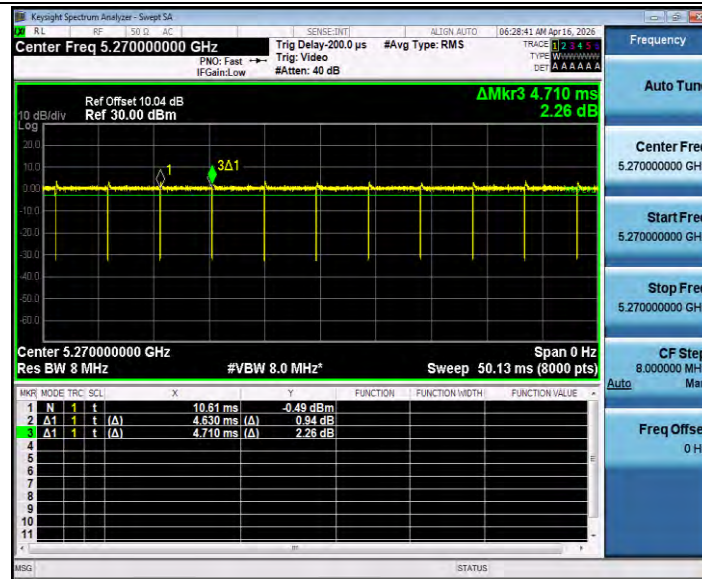
11AX20SISO_Ant1_5280



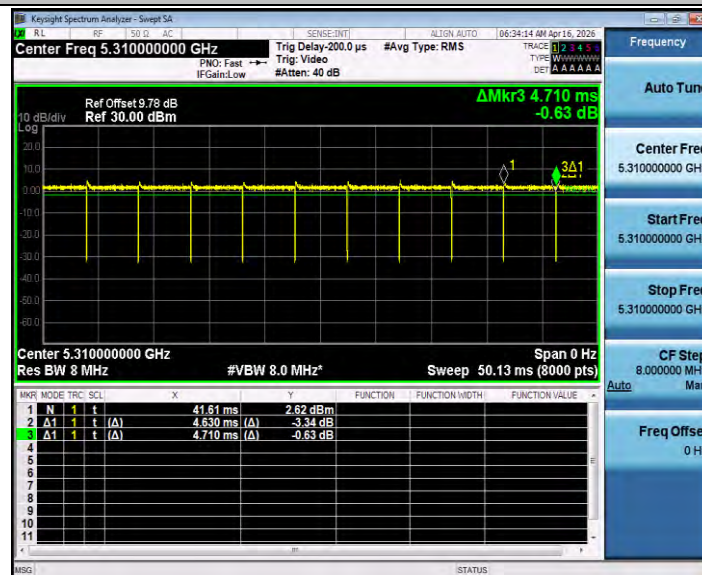
11AX20SISO_Ant1_5320



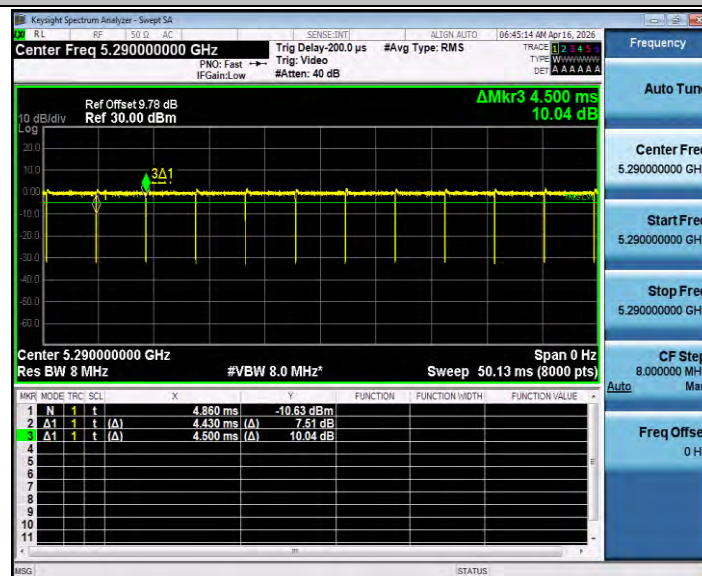
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290



Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	13.97	98.74	0.06	14.03	≤23.98	PASS
		5280	14.19	98.74	0.06	14.25	≤23.98	PASS
		5320	14.33	98.74	0.06	14.39	≤23.98	PASS
11N20SI SO	Ant1	5260	14.12	98.71	0.06	14.18	≤23.98	PASS
		5280	14.25	98.53	0.06	14.31	≤23.98	PASS
		5320	14.53	98.53	0.06	14.59	≤23.98	PASS
11N40SI SO	Ant1	5270	13.87	98.43	0.07	13.94	≤23.98	PASS
		5310	14.22	98.63	0.06	14.28	≤23.98	PASS
11AC20S ISO	Ant1	5260	14.07	98.72	0.06	14.13	≤23.98	PASS
		5280	14.17	98.90	0.05	14.22	≤23.98	PASS
		5320	14.45	98.72	0.06	14.51	≤23.98	PASS
11AC40S ISO	Ant1	5270	12.18	98.66	0.06	12.24	≤23.98	PASS
		5310	12.58	98.47	0.07	12.65	≤23.98	PASS
11AC80S ISO	Ant1	5290	12.31	98.34	0.07	12.38	≤23.98	PASS
11AX20SI SO	Ant1	5260	14.19	98.31	0.07	14.26	≤23.98	PASS
		5280	14.31	98.52	0.06	14.37	≤23.98	PASS
		5320	13.73	98.31	0.07	13.80	≤23.98	PASS
11AX40SI SO	Ant1	5270	7.40	98.30	0.07	7.47	≤23.98	PASS
		5310	8.64	98.30	0.07	8.71	≤23.98	PASS
11AX80SI SO	Ant1	5290	9.34	98.44	0.07	9.41	≤23.98	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5260	2.45	≤11.00	PASS
		5280	2.69	≤11.00	PASS
		5320	2.87	≤11.00	PASS
11N20SISO	Ant1	5260	2.23	≤11.00	PASS
		5280	2.45	≤11.00	PASS
		5320	2.67	≤11.00	PASS
11N40SISO	Ant1	5270	-0.71	≤11.00	PASS
		5310	-0.50	≤11.00	PASS
11AC20SISO	Ant1	5260	2.23	≤11.00	PASS
		5280	2.32	≤11.00	PASS
		5320	2.57	≤11.00	PASS
11AC40SISO	Ant1	5270	-2.40	≤11.00	PASS
		5310	-2.11	≤11.00	PASS
11AC80SISO	Ant1	5290	-5.32	≤11.00	PASS
11AX20SISO	Ant1	5260	1.90	≤11.00	PASS
		5280	2.07	≤11.00	PASS
		5320	1.38	≤11.00	PASS
11AX40SISO	Ant1	5270	-7.38	≤11.00	PASS
		5310	-6.18	≤11.00	PASS
11AX80SISO	Ant1	5290	-8.65	≤11.00	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.

Test Graphs

11A_Ant1_5260



11A_Ant1_5280



11A_Ant1_5320



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

