

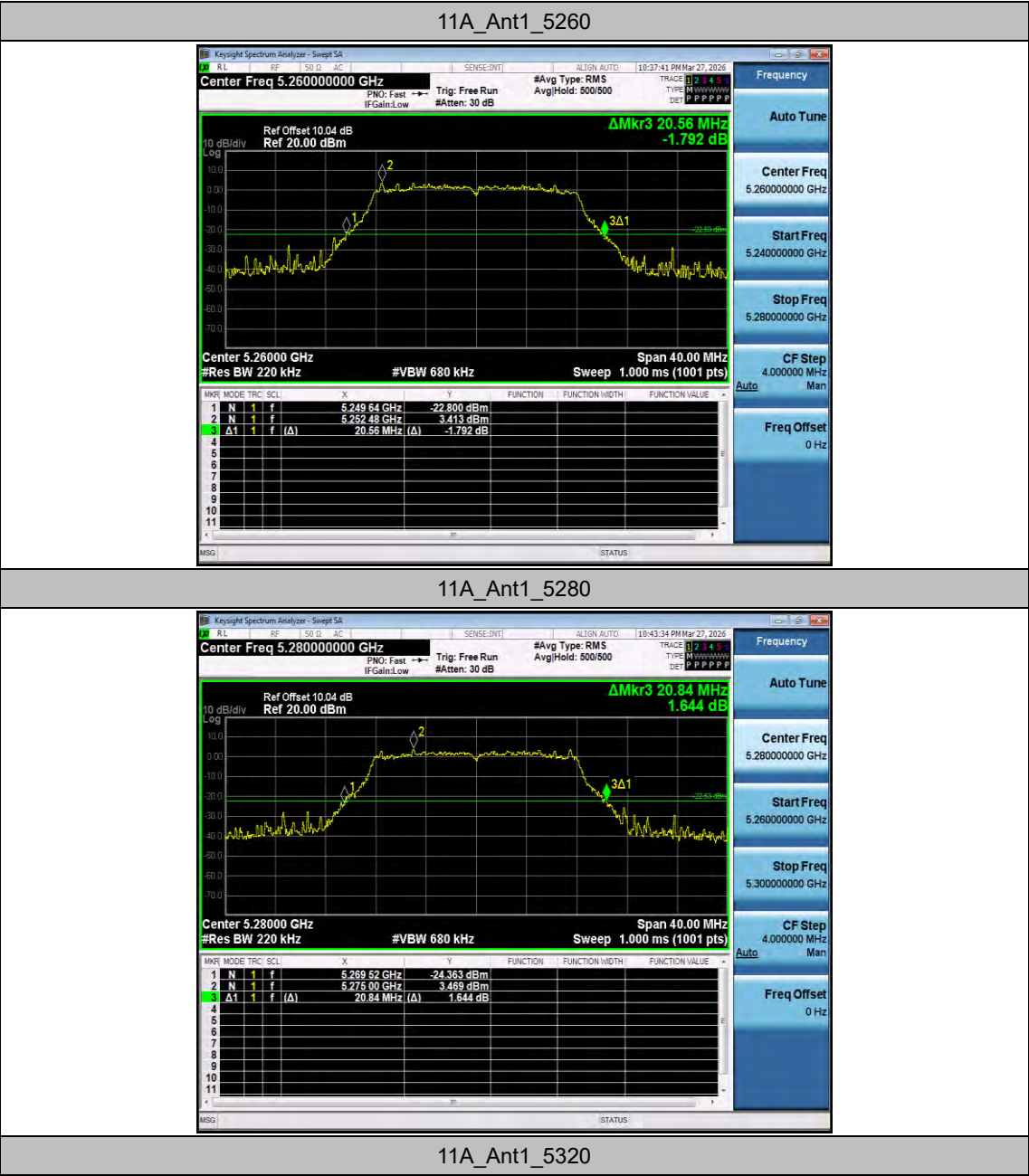
Case No. : <u>GTS20251122004-2-15</u>
Ambient Condition: <u>24</u> °C, <u>53</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.12.15-2026.3.31</u> Test Engineer: <u>Evan ouyang</u>

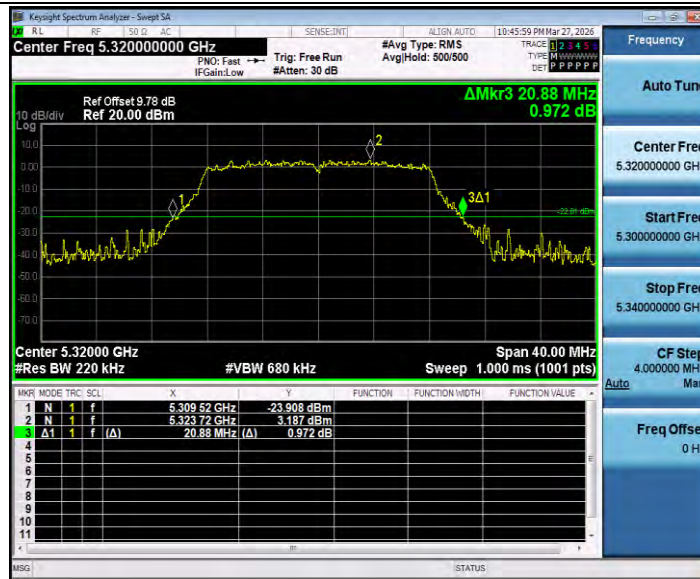
Appendix E.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	20.560	5249.640	5270.200	---	---
		5280	20.840	5269.520	5290.360	---	---
		5320	20.880	5309.520	5330.400	---	---
11N20SISO	Ant1	5260	20.800	5249.480	5270.280	---	---
		5280	21.080	5269.440	5290.520	---	---
		5320	20.920	5309.560	5330.480	---	---
11N40SISO	Ant1	5270	56.000	5234.080	5290.080	---	---
		5310	55.120	5274.880	5330.000	---	---
11AC20SISO	Ant1	5260	21.000	5249.560	5270.560	---	---
		5280	21.000	5269.480	5290.480	---	---
		5320	21.040	5309.520	5330.560	---	---
11AC40SISO	Ant1	5270	39.840	5250.000	5289.840	---	---
		5310	40.080	5290.000	5330.080	---	---
11AC80SISO	Ant1	5290	80.320	5249.840	5330.160	---	---
11AX20SISO	Ant1	5260	21.400	5249.200	5270.600	---	---
		5280	21.720	5269.240	5290.960	---	---
		5320	21.480	5309.280	5330.760	---	---
11AX40SISO	Ant1	5270	40.480	5249.600	5290.080	---	---
		5310	40.560	5289.600	5330.160	---	---
11AX80SISO	Ant1	5290	82.400	5248.720	5331.120	---	---

Test Graphs

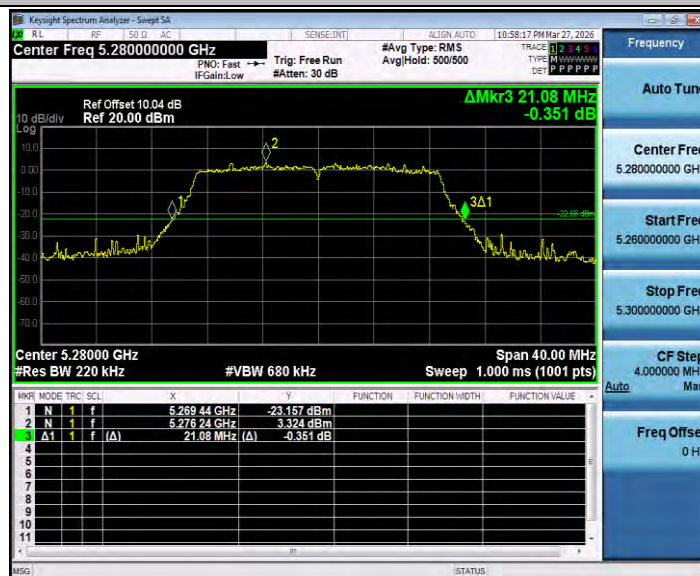




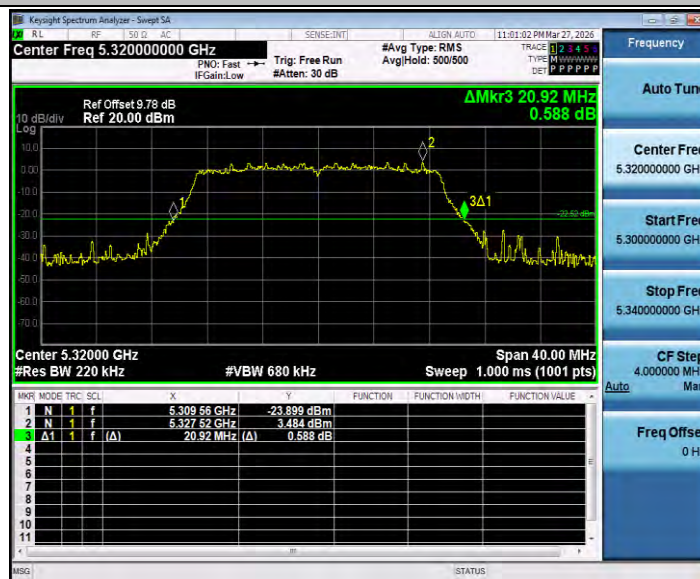
11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



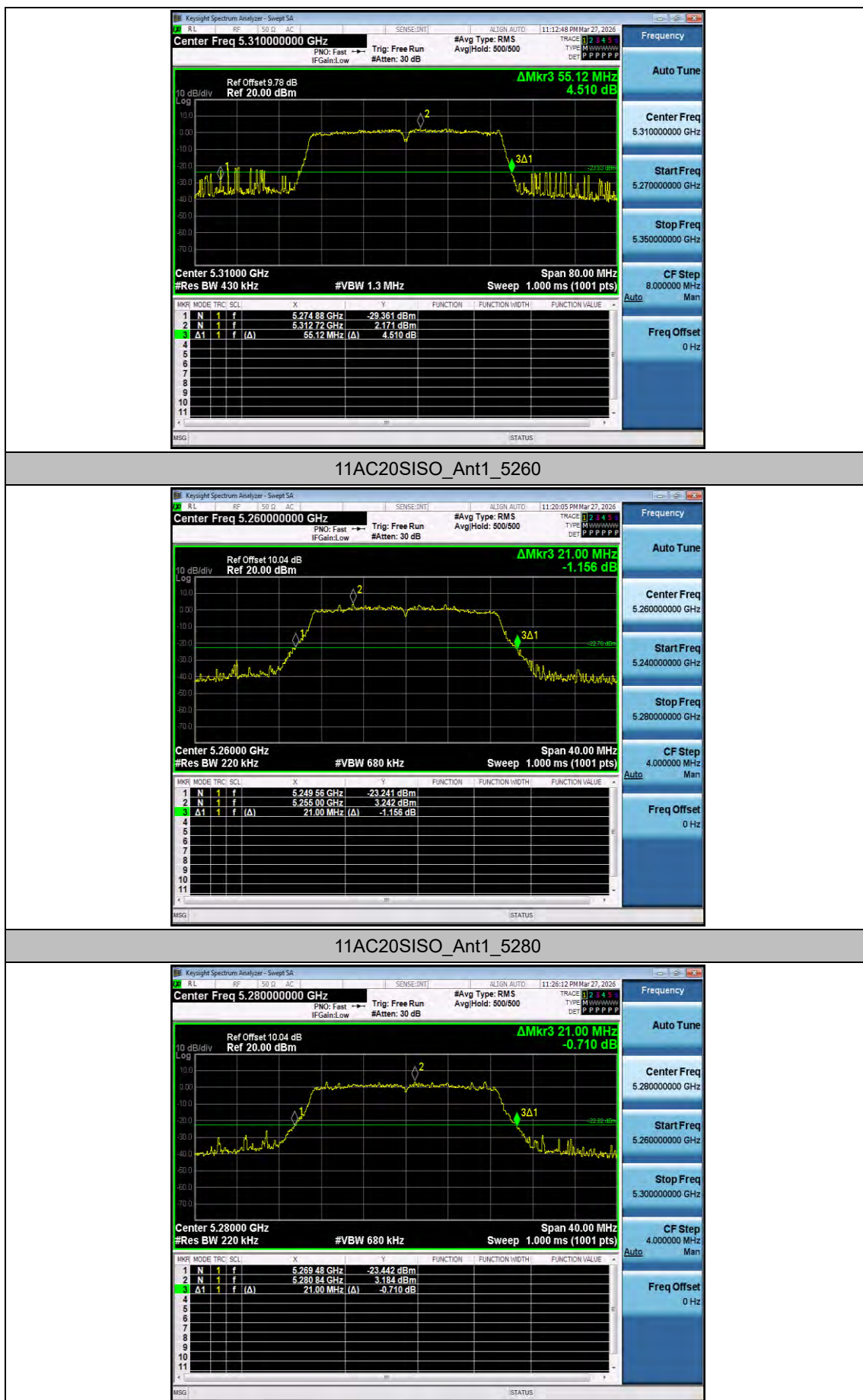
11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310





11AC80SISO_Ant1_5290



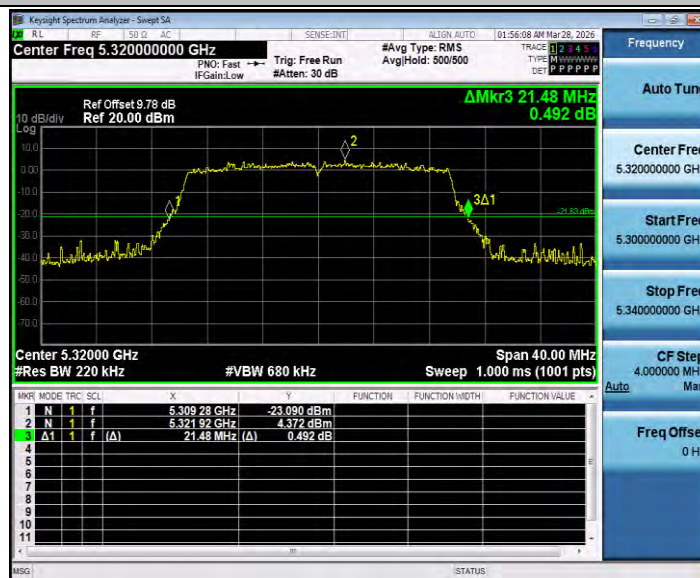
11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

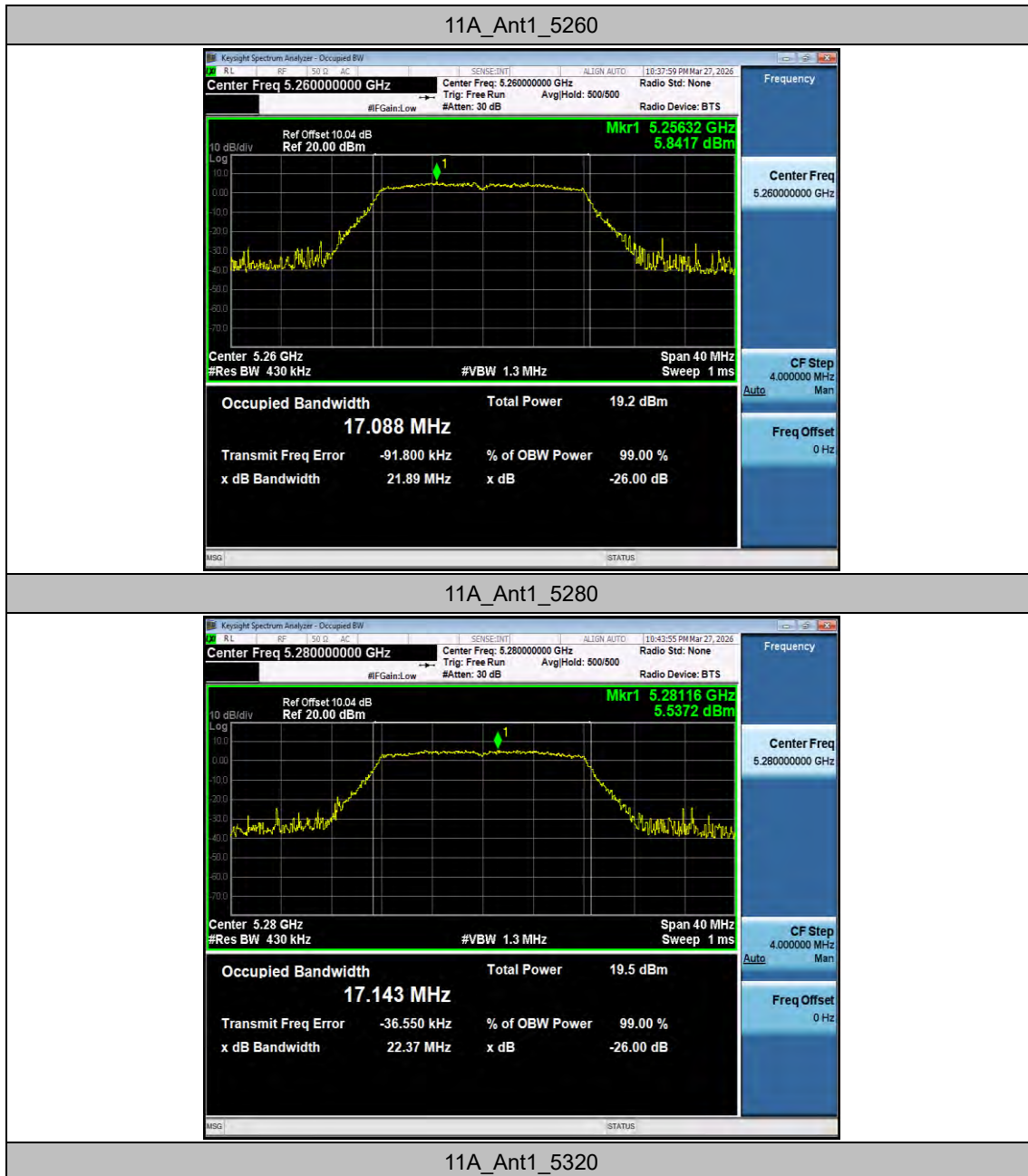


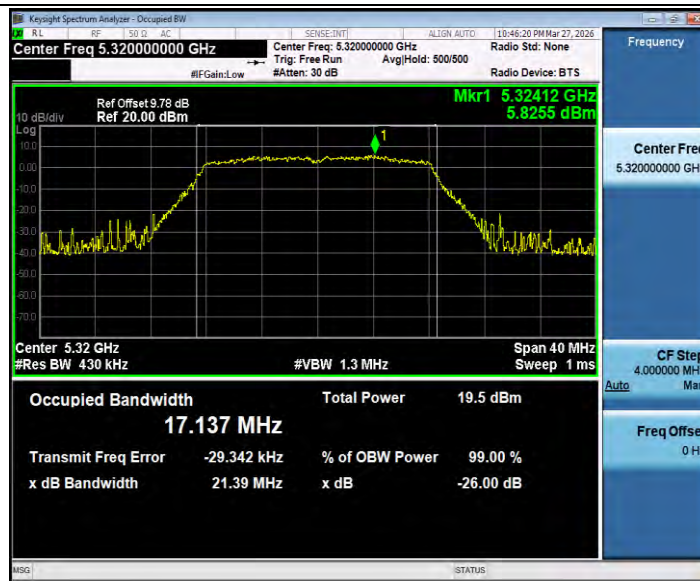
Appendix E.2: Occupied channel bandwidth

Test Result

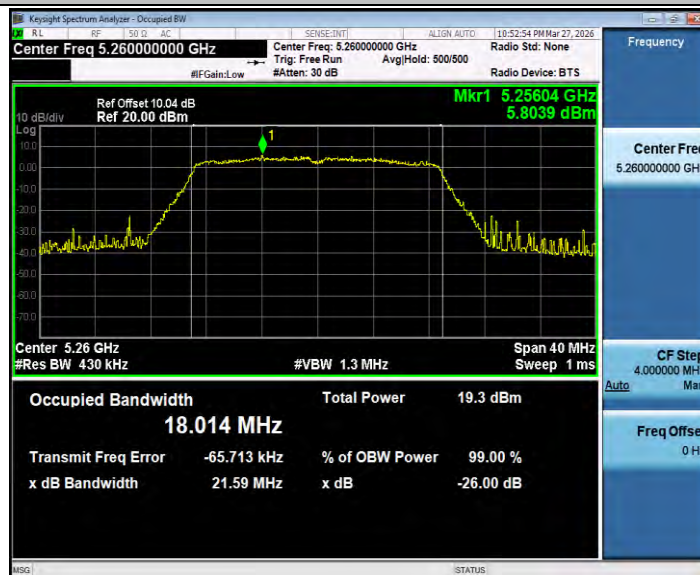
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	17.088	5251.3642	5268.4522	---	---
		5280	17.143	5271.3920	5288.5350	---	---
		5320	17.137	5311.4022	5328.5392	---	---
11N20SISO	Ant1	5260	18.014	5250.9273	5268.9413	---	---
		5280	18.047	5270.9394	5288.9864	---	---
		5320	18.047	5310.9947	5329.0417	---	---
11N40SISO	Ant1	5270	36.570	5251.6750	5288.2450	---	---
		5310	36.547	5291.7425	5328.2895	---	---
11AC20SISO	Ant1	5260	18.015	5250.9280	5268.9430	---	---
		5280	18.056	5270.9066	5288.9626	---	---
		5320	18.068	5310.9569	5329.0249	---	---
11AC40SISO	Ant1	5270	36.517	5251.6583	5288.1753	---	---
		5310	36.450	5291.8250	5328.2750	---	---
11AC80SISO	Ant1	5290	75.963	5252.0146	5327.9776	---	---
11AX20SISO	Ant1	5260	19.000	5250.4537	5269.4537	---	---
		5280	19.054	5270.4262	5289.4802	---	---
		5320	19.033	5310.4849	5329.5179	---	---
11AX40SISO	Ant1	5270	37.727	5251.0952	5288.8222	---	---
		5310	37.822	5291.1176	5328.9396	---	---
11AX80SISO	Ant1	5290	78.009	5251.0170	5329.0260	---	---

Test Graphs

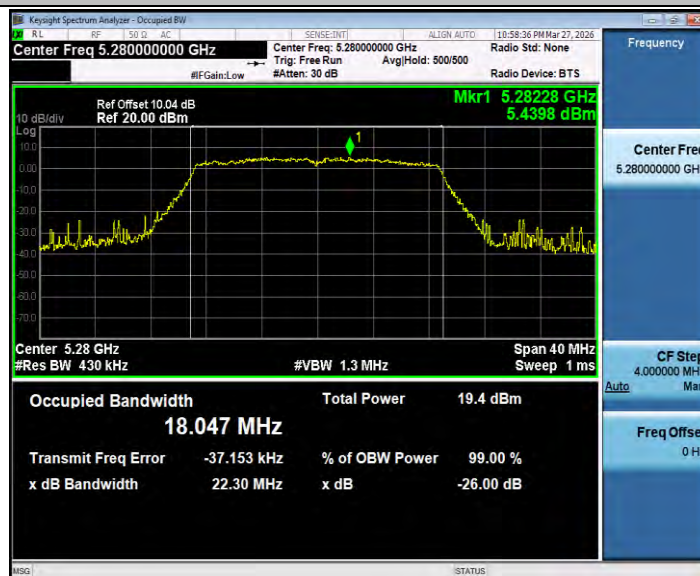




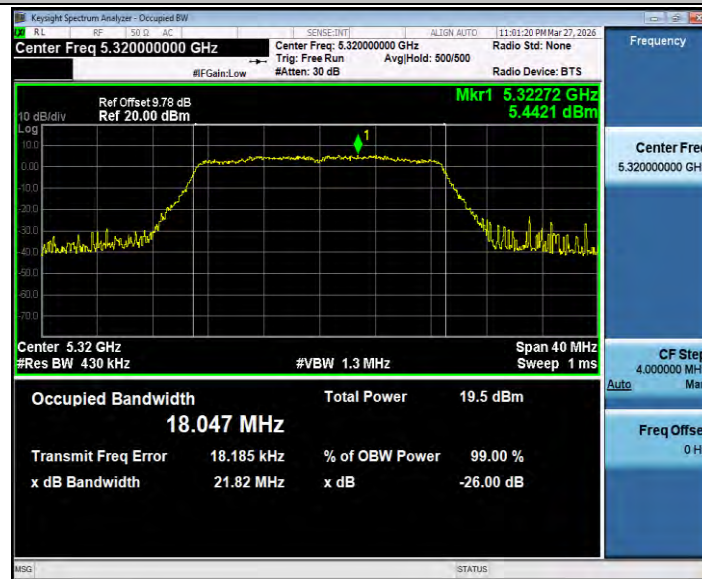
11N20SISO_Ant1_5260



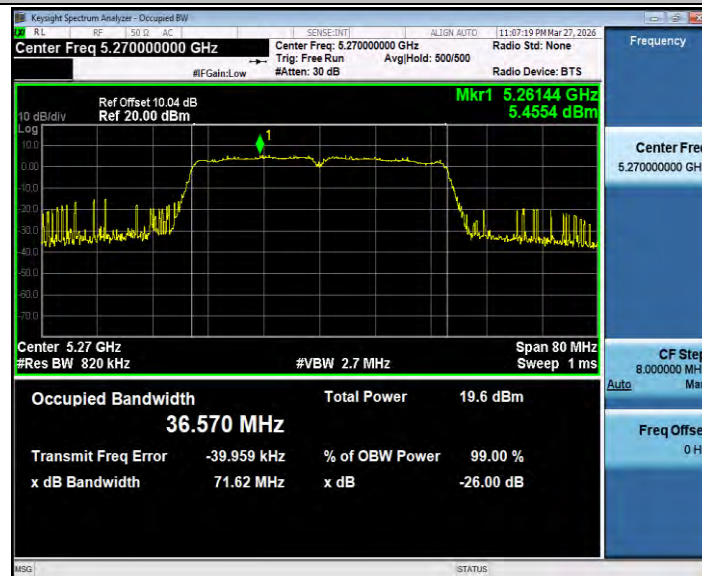
11N20SISO_Ant1_5280



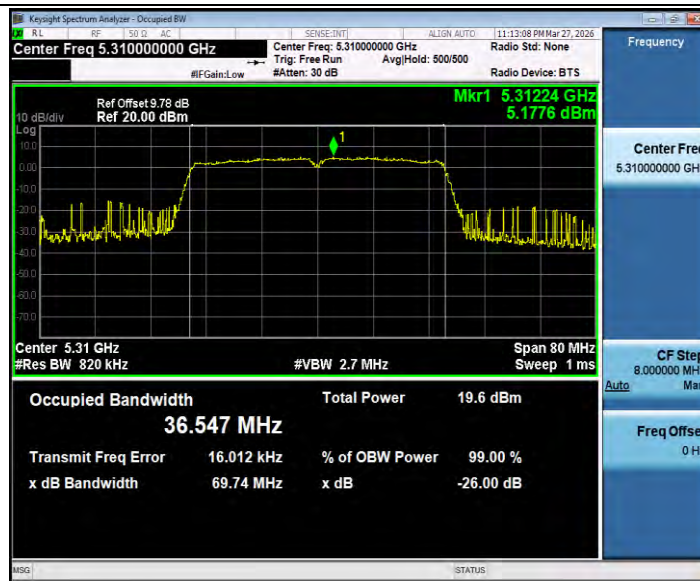
11N20SISO_Ant1_5320



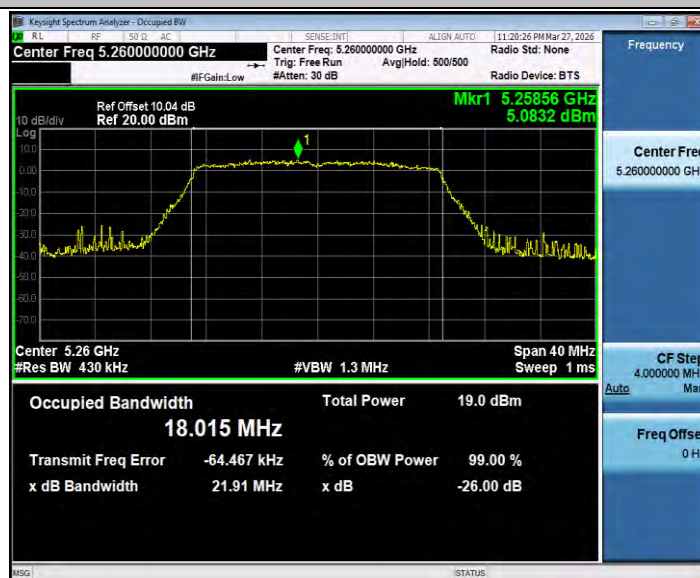
11N40SISO_Ant1_5270



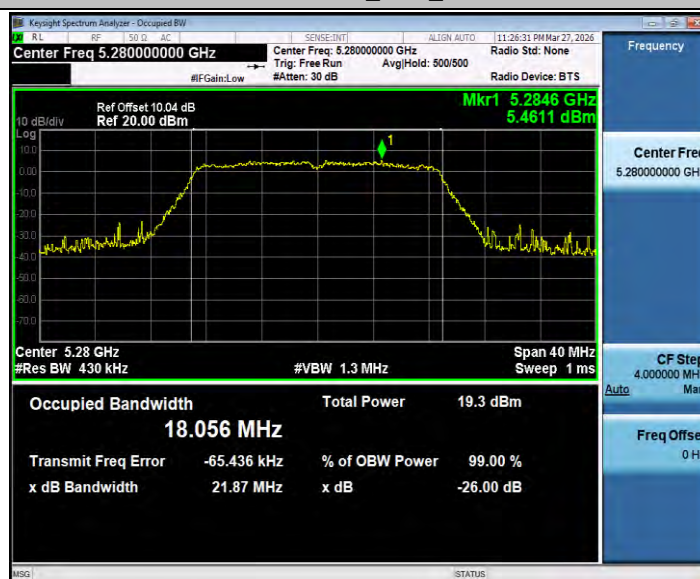
11N40SISO_Ant1_5310



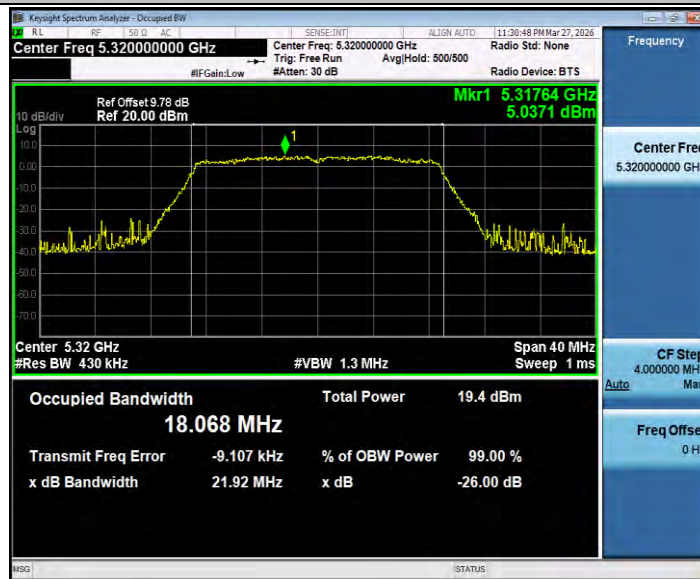
11AC20SISO_Ant1_5260



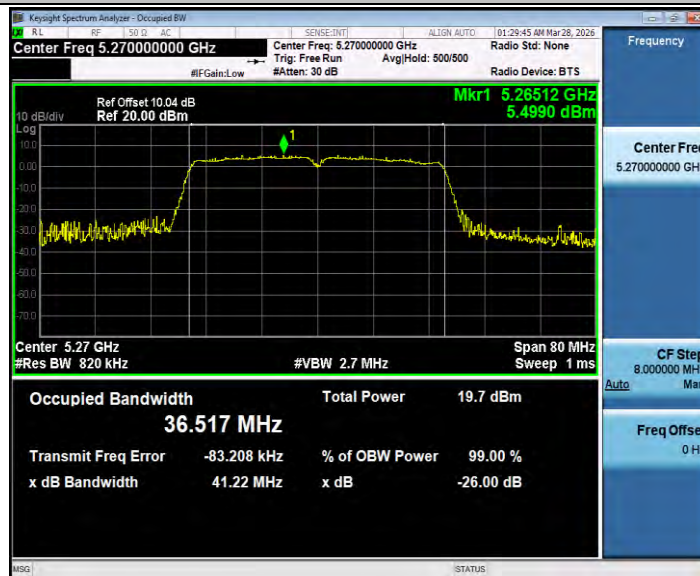
11AC20SISO_Ant1_5280



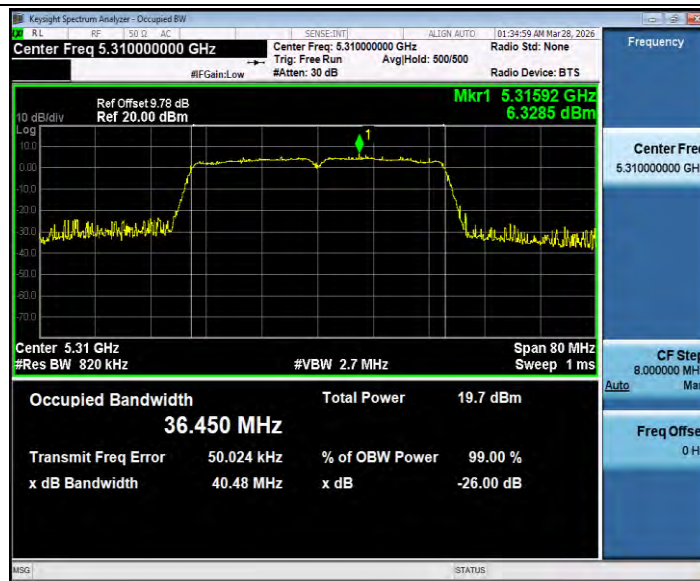
11AC20SISO_Ant1_5320



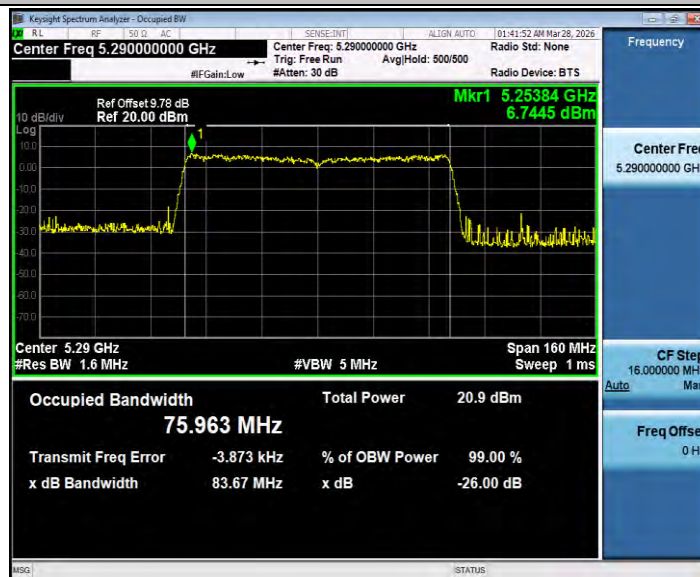
11AC40SISO_Ant1_5270



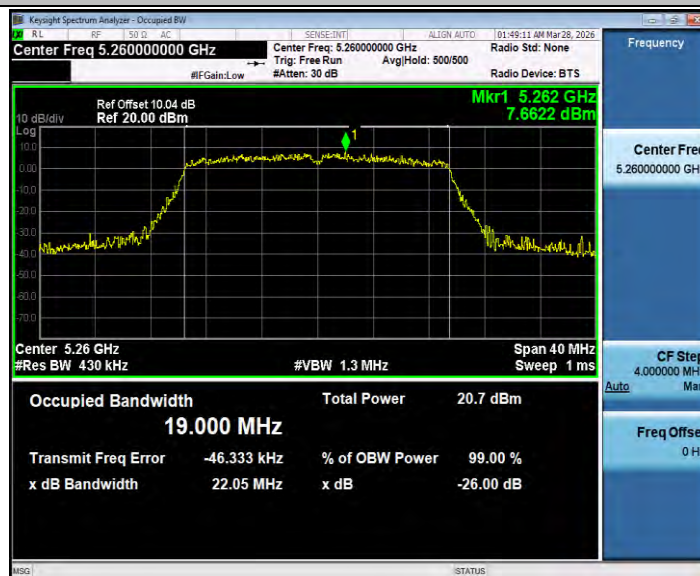
11AC40SISO_Ant1_5310



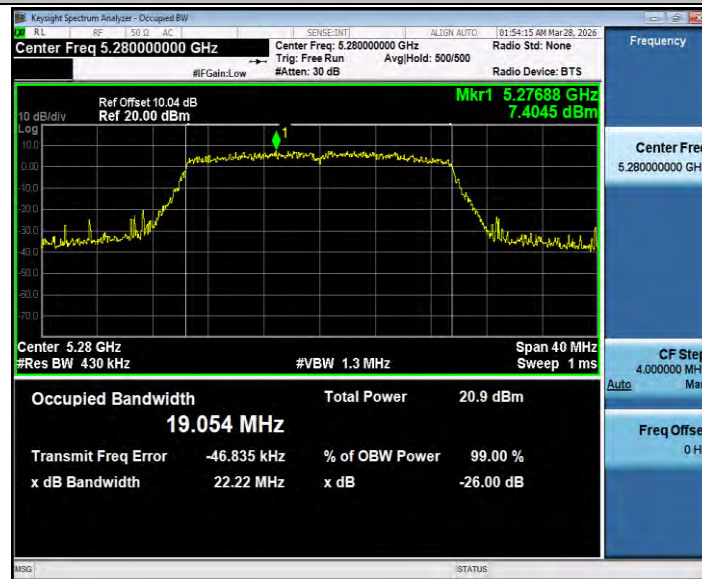
11AC80SISO_Ant1_5290



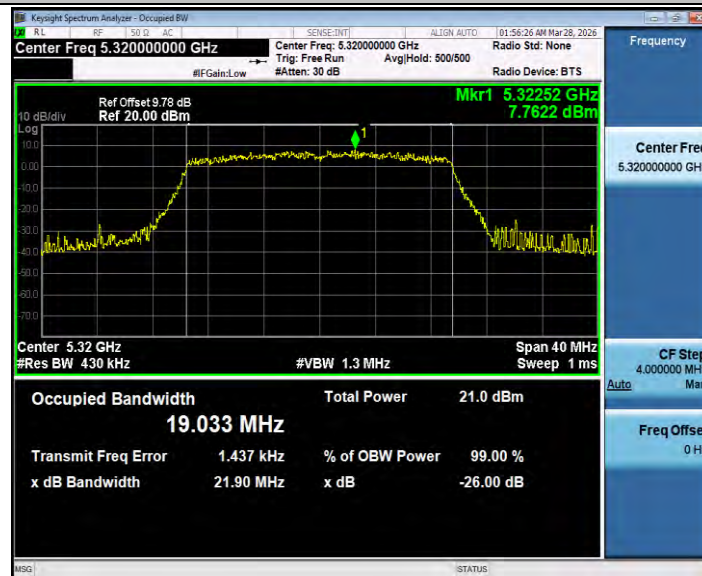
11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



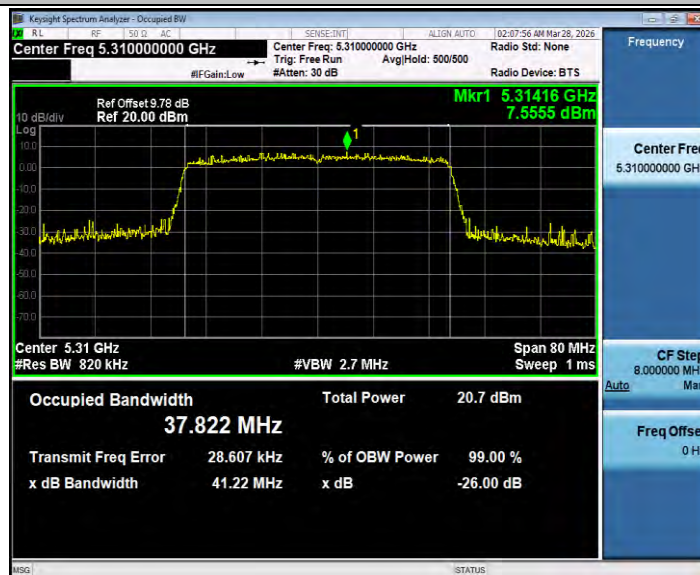
11AX20SISO_Ant1_5320



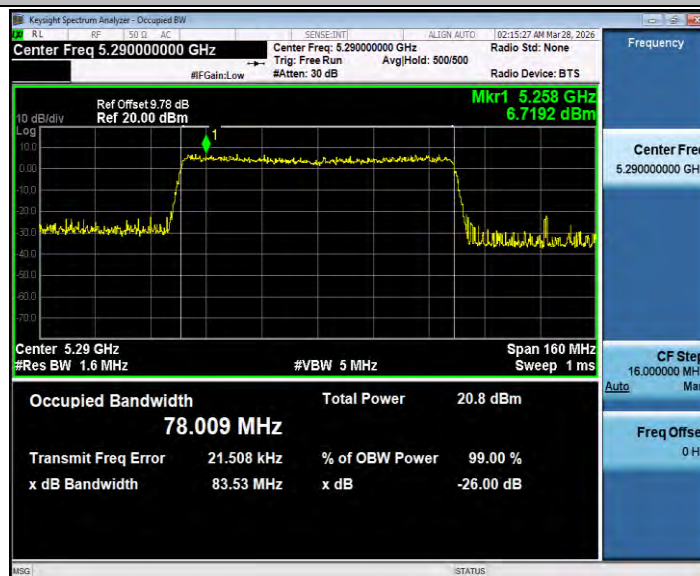
11AX40SISO_Ant1_5270



11AX40ISO_Ant1_5310



11AX80ISO_Ant1_5290

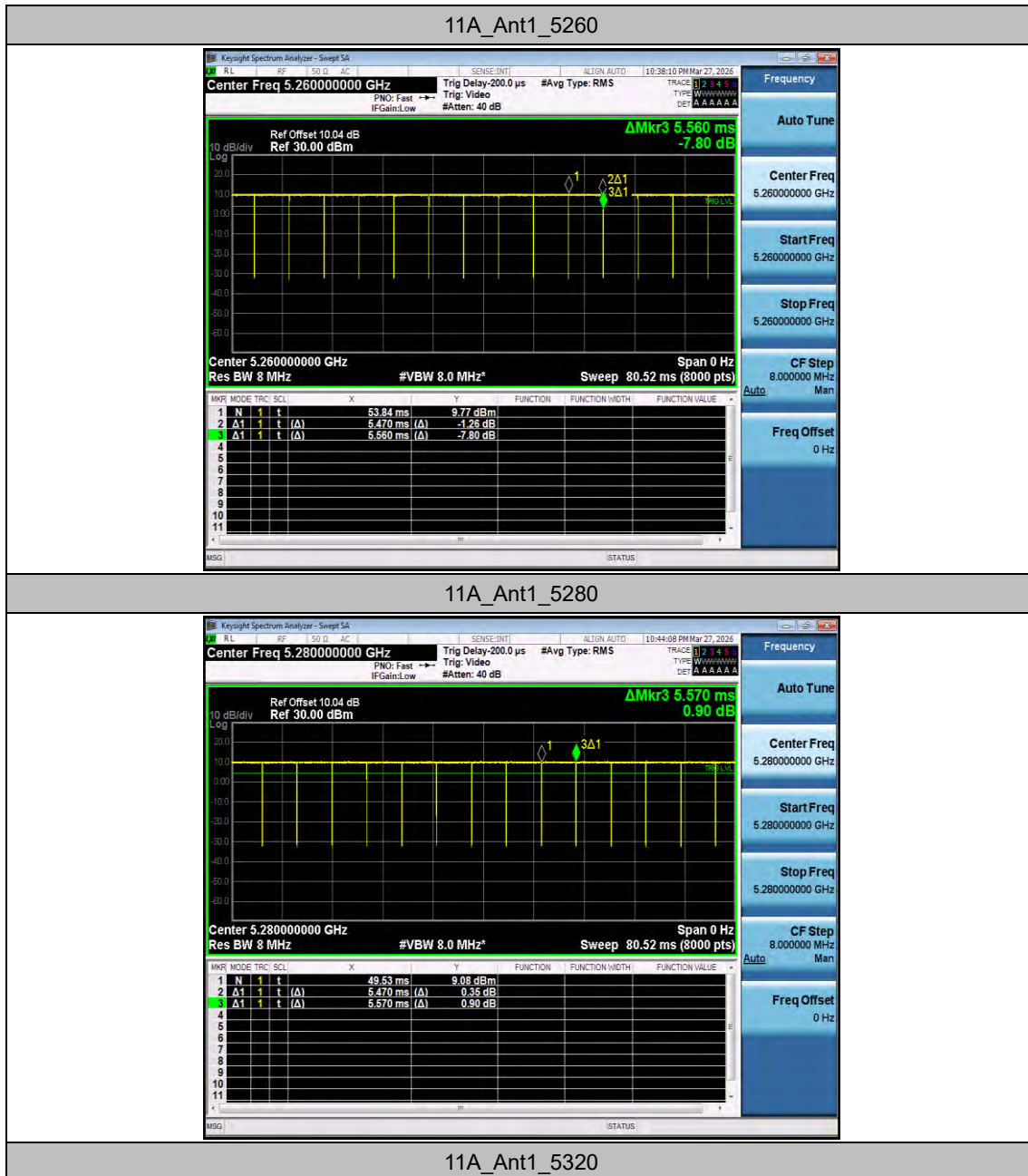


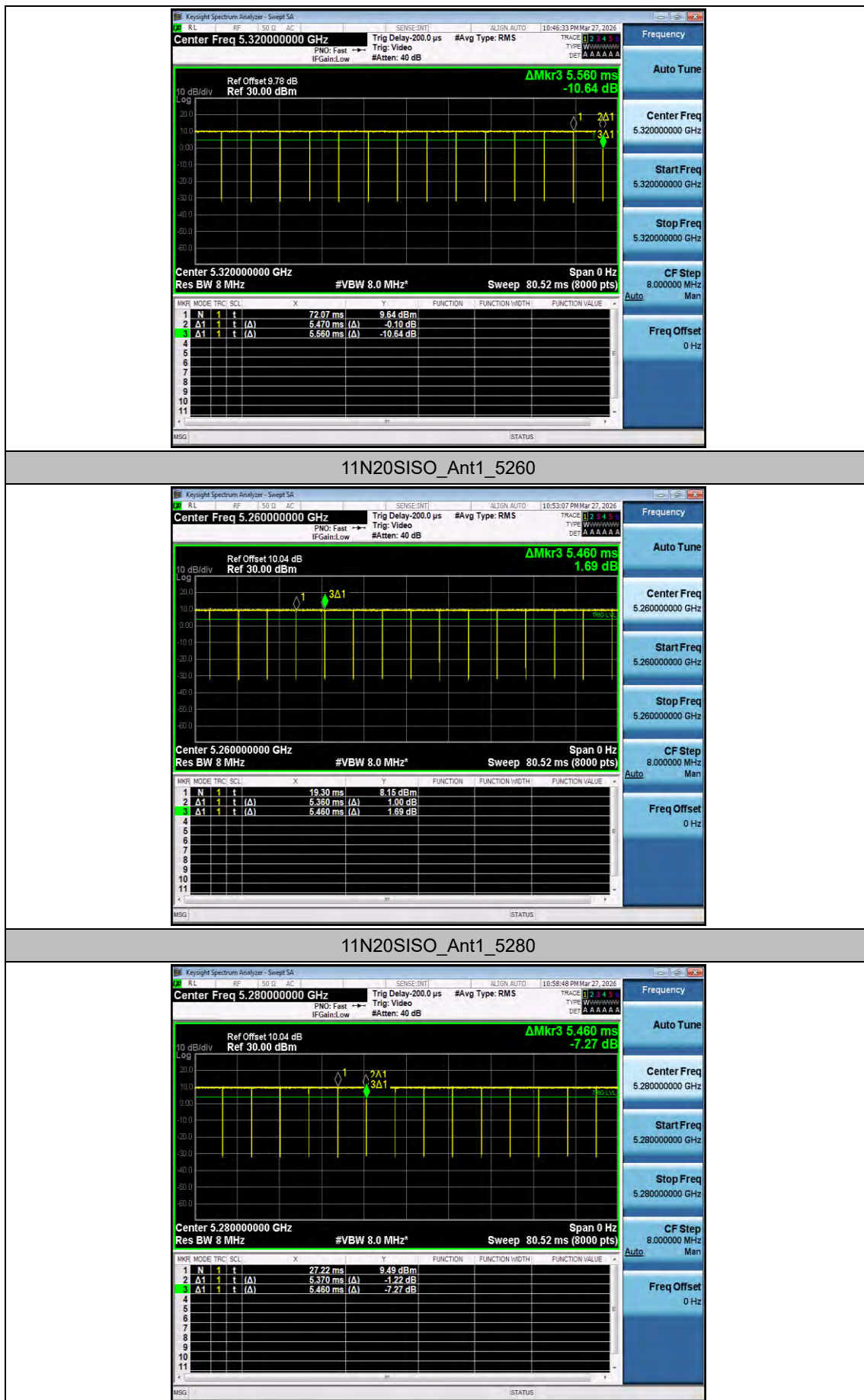
AppendixE.3: Duty Cycle

Test Result

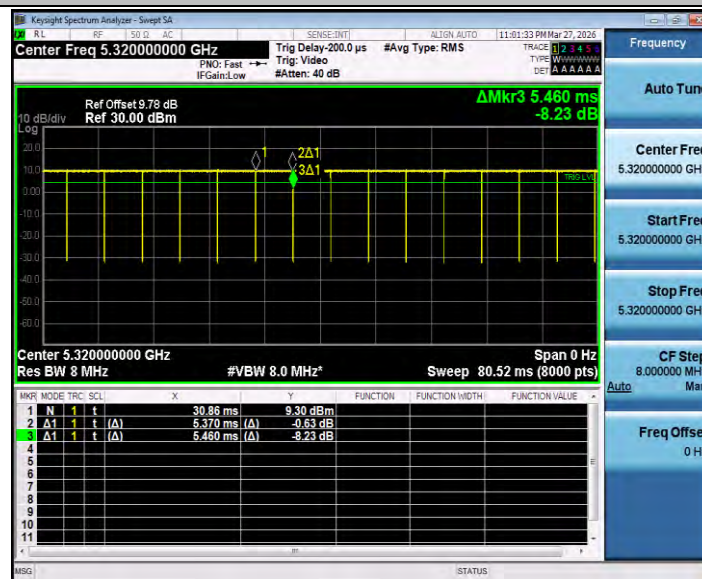
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	5.47	5.56	98.38	0.07	0.18
		5280	5.47	5.57	98.20	0.08	0.18
		5320	5.47	5.56	98.38	0.07	0.18
11N20SISO	Ant1	5260	5.36	5.46	98.17	0.08	0.19
		5280	5.37	5.46	98.35	0.07	0.19
		5320	5.37	5.46	98.35	0.07	0.19
11N40SISO	Ant1	5270	5.15	5.25	98.10	0.08	0.19
		5310	5.14	5.24	98.09	0.08	0.19
11AC20SISO	Ant1	5260	5.38	5.48	98.18	0.08	0.19
		5280	5.38	5.47	98.35	0.07	0.19
		5320	5.37	5.46	98.35	0.07	0.19
11AC40SISO	Ant1	5270	5.15	5.24	98.28	0.08	0.19
		5310	5.16	5.25	98.29	0.07	0.19
11AC80SISO	Ant1	5290	4.75	4.84	98.14	0.08	0.21
11AX20SISO	Ant1	5260	4.64	4.73	98.10	0.08	0.22
		5280	4.64	4.73	98.10	0.08	0.22
		5320	4.64	4.73	98.10	0.08	0.22
11AX40SISO	Ant1	5270	4.63	4.72	98.09	0.08	0.22
		5310	4.63	4.72	98.09	0.08	0.22
11AX80SISO	Ant1	5290	4.42	4.51	98.00	0.09	0.23

Test Graphs

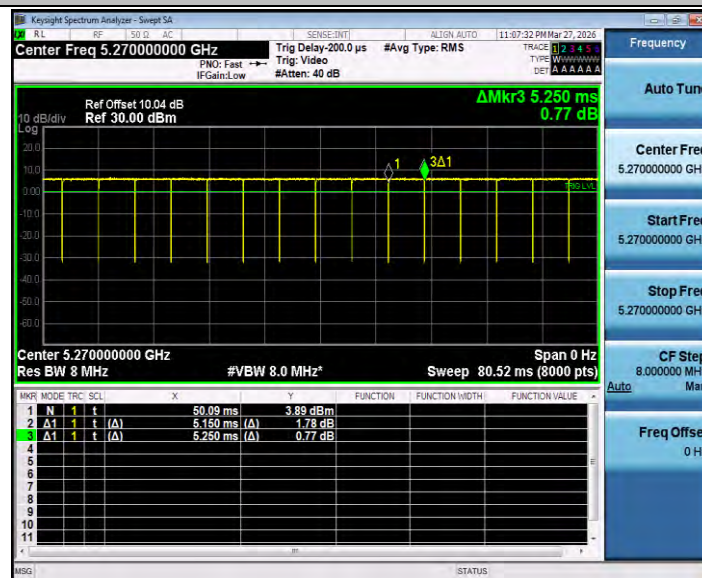




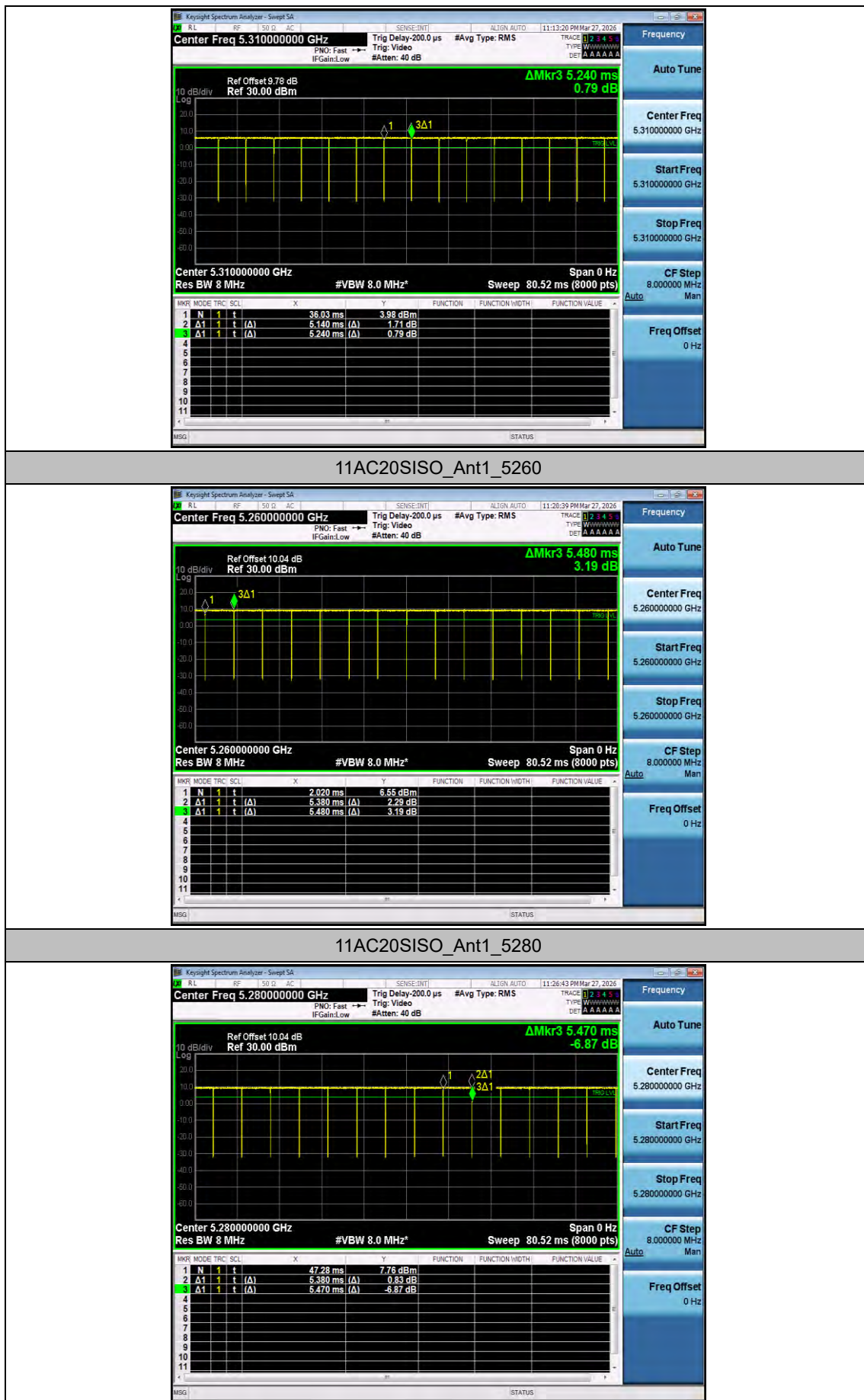
11N20SISO_Ant1_5320



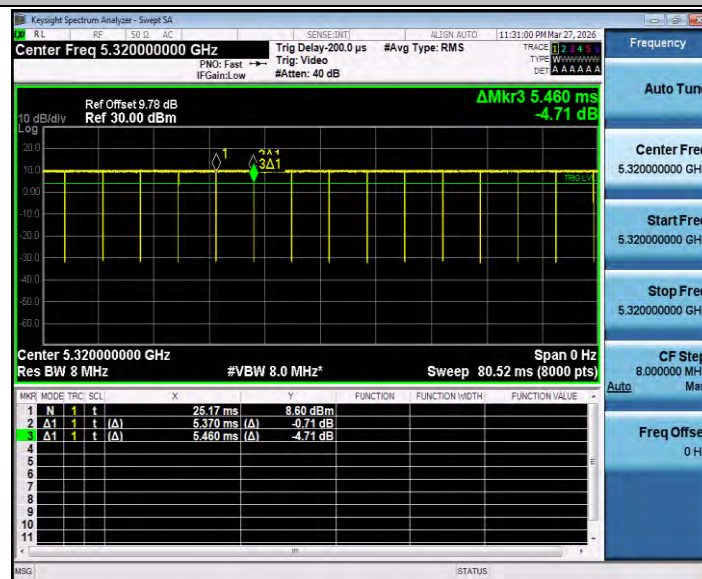
11N40SISO_Ant1_5270



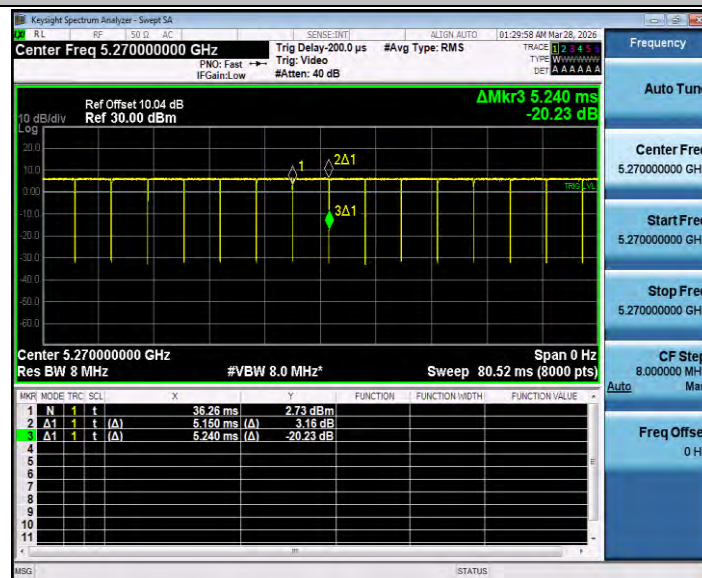
11N40SISO_Ant1_5310



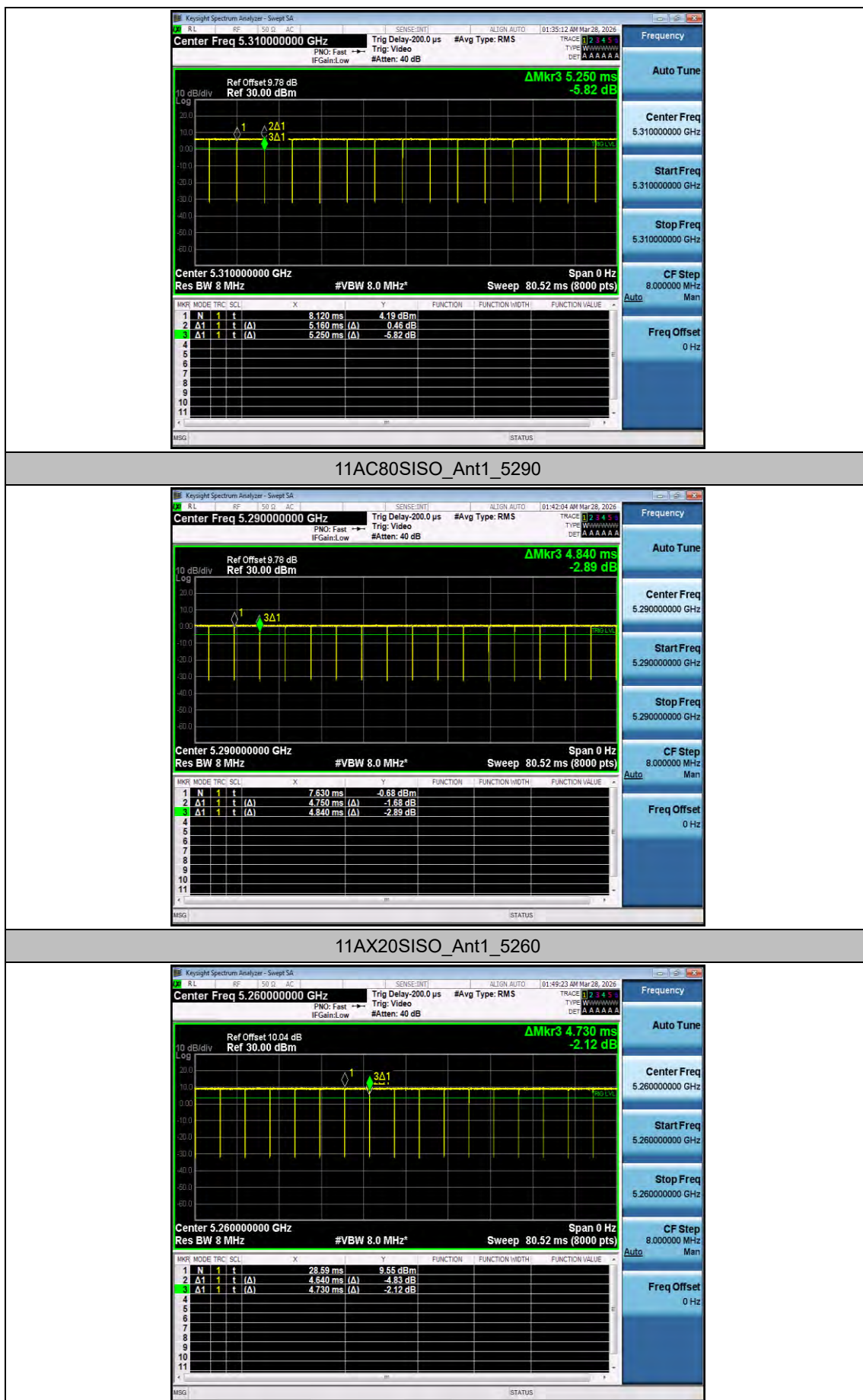
11AC20SISO_Ant1_5320



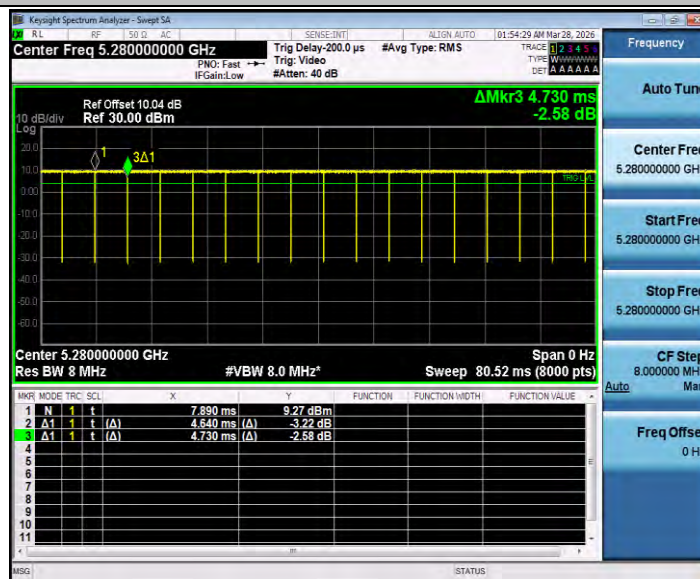
11AC40SISO_Ant1_5270



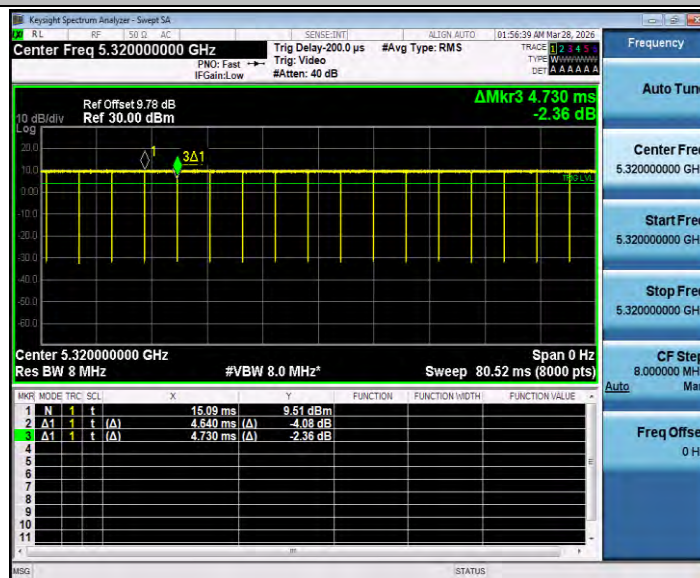
11AC40SISO_Ant1_5310



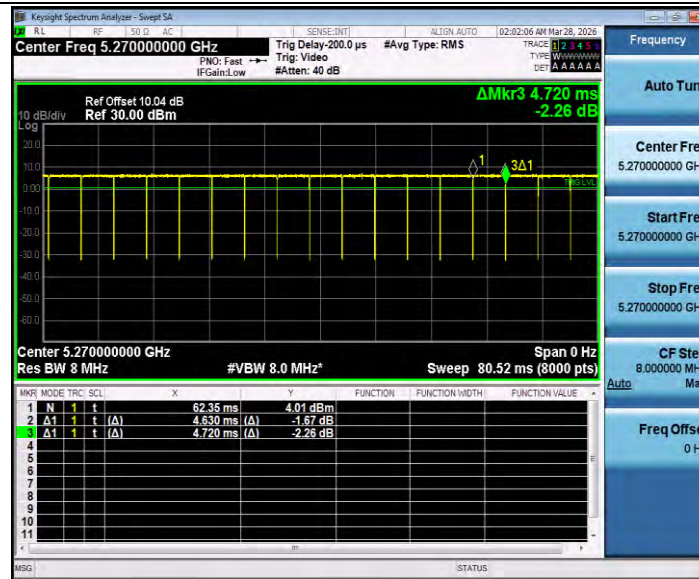
11AX20SISO_Ant1_5280



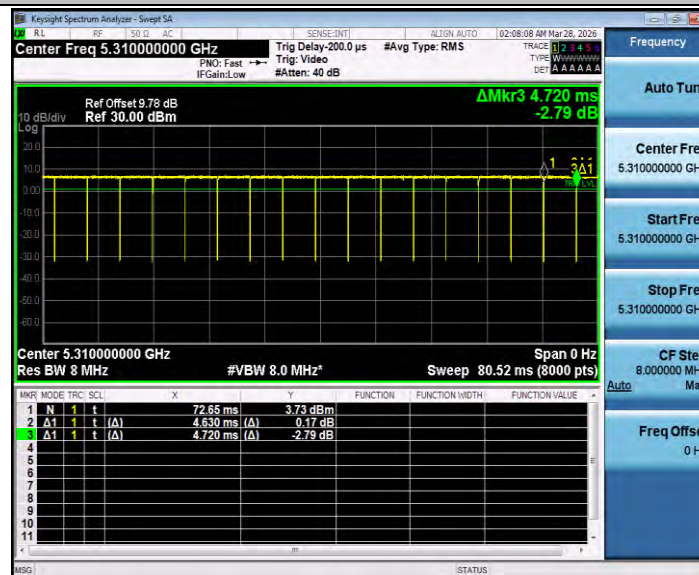
11AX20SISO_Ant1_5320



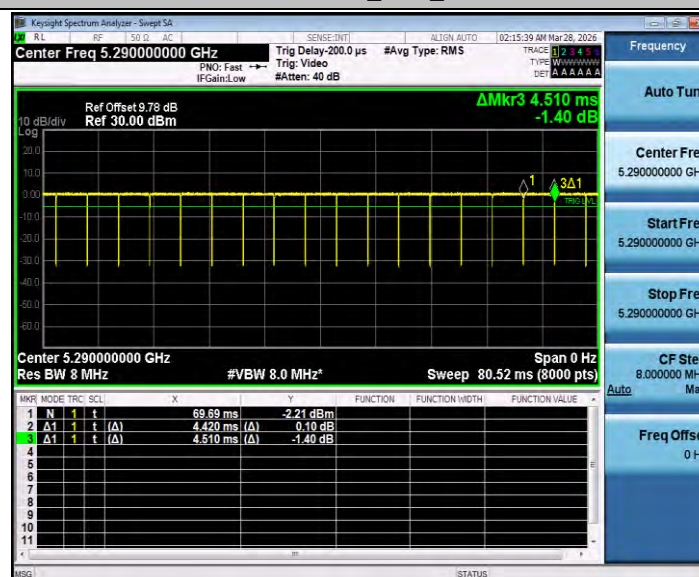
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290



Appendix E.4: Maximum conducted output power

Test Result Channel Power

TestMode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5260	12.33	98.38	0.07	12.40	≤23.98	PASS
		5280	12.65	98.20	0.08	12.73	≤23.98	PASS
		5320	12.68	98.38	0.07	12.75	≤23.98	PASS
11N20SISO	Ant1	5260	12.33	98.17	0.08	12.41	≤23.98	PASS
		5280	12.59	98.35	0.07	12.66	≤23.98	PASS
		5320	12.59	98.35	0.07	12.66	≤23.98	PASS
11N40SISO	Ant1	5270	12.22	98.10	0.08	12.30	≤23.98	PASS
		5310	12.28	98.09	0.08	12.36	≤23.98	PASS
11AC20SISO	Ant1	5260	12.15	98.18	0.08	12.23	≤23.98	PASS
		5280	12.44	98.35	0.07	12.51	≤23.98	PASS
		5320	12.54	98.35	0.07	12.61	≤23.98	PASS
11AC40SISO	Ant1	5270	12.27	98.28	0.08	12.35	≤23.98	PASS
		5310	12.36	98.29	0.07	12.43	≤23.98	PASS
11AC80SISO	Ant1	5290	11.78	98.14	0.08	11.86	≤23.98	PASS
11AX20SISO	Ant1	5260	12.17	98.10	0.08	12.25	≤23.98	PASS
		5280	12.43	98.10	0.08	12.51	≤23.98	PASS
		5320	12.45	98.10	0.08	12.53	≤23.98	PASS
11AX40SISO	Ant1	5270	12.18	98.09	0.08	12.26	≤23.98	PASS
		5310	12.37	98.09	0.08	12.45	≤23.98	PASS
11AX80SISO	Ant1	5290	11.37	98.00	0.09	11.46	≤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	1.30	≤11.00	PASS
		5280	1.50	≤11.00	PASS
		5320	1.57	≤11.00	PASS
11N20SISO	Ant1	5260	1.02	≤11.00	PASS
		5280	1.17	≤11.00	PASS
		5320	1.23	≤11.00	PASS
11N40SISO	Ant1	5270	-1.89	≤11.00	PASS
		5310	-1.85	≤11.00	PASS
11AC20SISO	Ant1	5260	0.85	≤11.00	PASS
		5280	1.10	≤11.00	PASS
		5320	1.12	≤11.00	PASS
11AC40SISO	Ant1	5270	-1.79	≤11.00	PASS
		5310	-1.82	≤11.00	PASS
11AC80SISO	Ant1	5290	-4.88	≤11.00	PASS
11AX20SISO	Ant1	5260	0.91	≤11.00	PASS
		5280	1.12	≤11.00	PASS
		5320	1.21	≤11.00	PASS
11AX40SISO	Ant1	5270	-2.24	≤11.00	PASS
		5310	-2.01	≤11.00	PASS
11AX80SISO	Ant1	5290	-5.84	≤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 Factorand RBW Factoriscompensatedinthegraph.

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

