

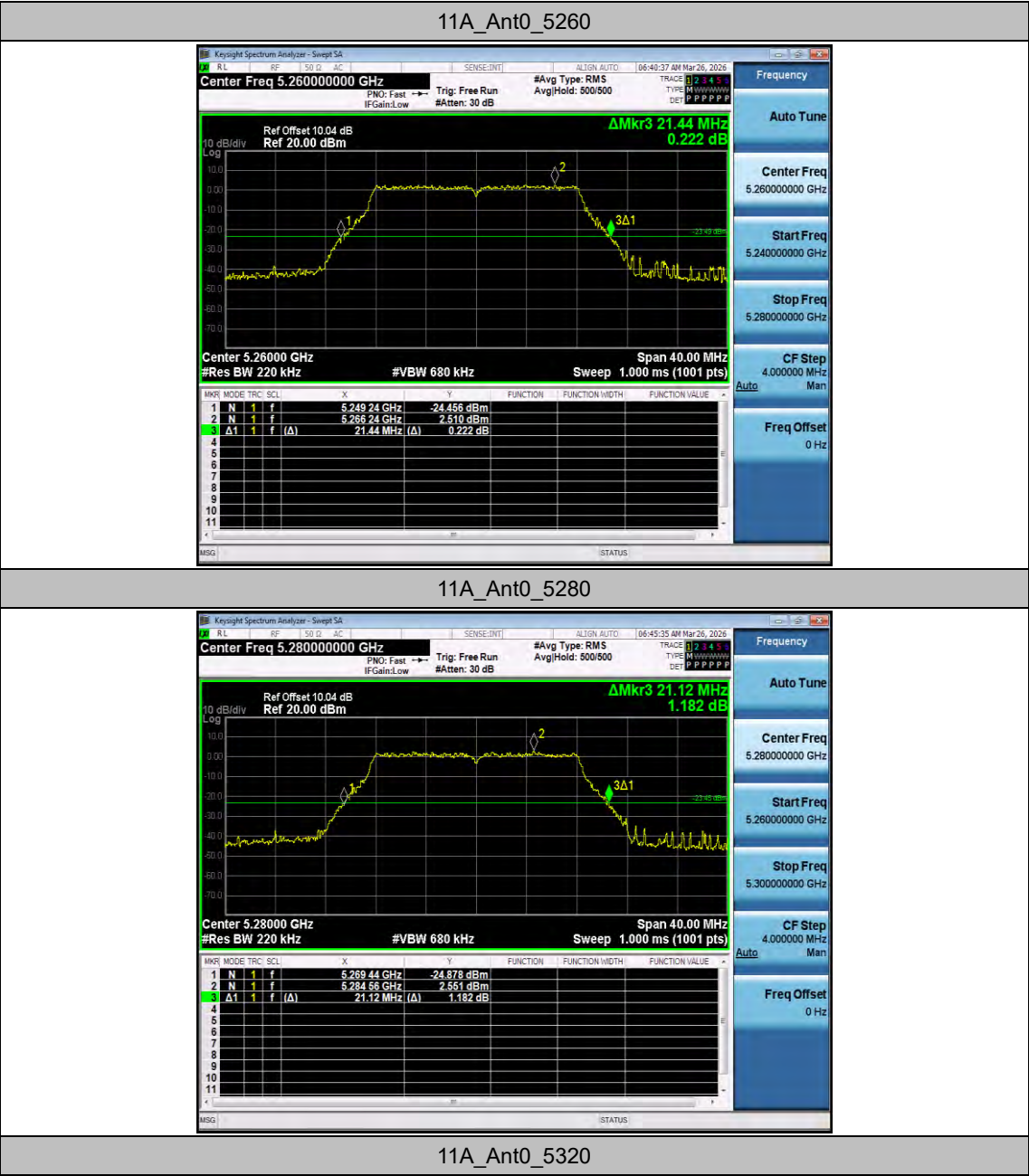
Case No. : <u>GTS20251122004-2-15</u>
Ambient Condition: <u>24</u> °C, <u>52</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.12.15-2026.3.31</u> Test Engineer: <u>Evan ouyang</u>

Appendix E.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5260	21.440	5249.240	5270.680	---	---
		5280	21.120	5269.440	5290.560	---	---
		5320	21.040	5309.560	5330.600	---	---
11N20SISO	Ant0	5260	21.800	5249.120	5270.920	---	---
		5280	21.760	5269.080	5290.840	---	---
		5320	21.560	5309.200	5330.760	---	---
11N40SISO	Ant0	5270	39.360	5250.400	5289.760	---	---
		5310	40.400	5289.840	5330.240	---	---
11AC20SISO	Ant0	5260	21.800	5249.040	5270.840	---	---
		5280	21.680	5269.160	5290.840	---	---
		5320	21.480	5309.320	5330.800	---	---
11AC40SISO	Ant0	5270	40.560	5250.000	5290.560	---	---
		5310	40.320	5289.760	5330.080	---	---
11AC80SISO	Ant0	5290	80.480	5249.680	5330.160	---	---
11AX20SISO	Ant0	5260	20.280	5249.840	5270.120	---	---
		5280	20.360	5269.760	5290.120	---	---
		5320	20.400	5309.720	5330.120	---	---
11AX40SISO	Ant0	5270	39.600	5250.240	5289.840	---	---
		5310	39.680	5290.160	5329.840	---	---
11AX80SISO	Ant0	5290	82.720	5248.560	5331.280	---	---

Test Graphs



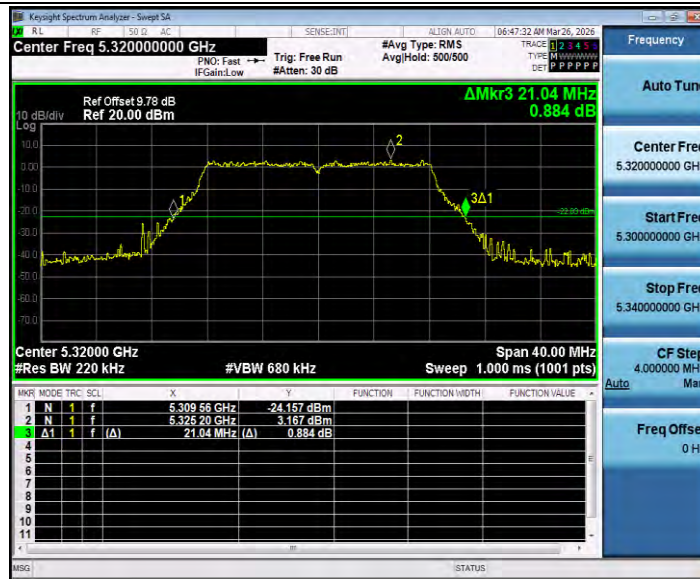
11A_Ant0_5280

Frequency

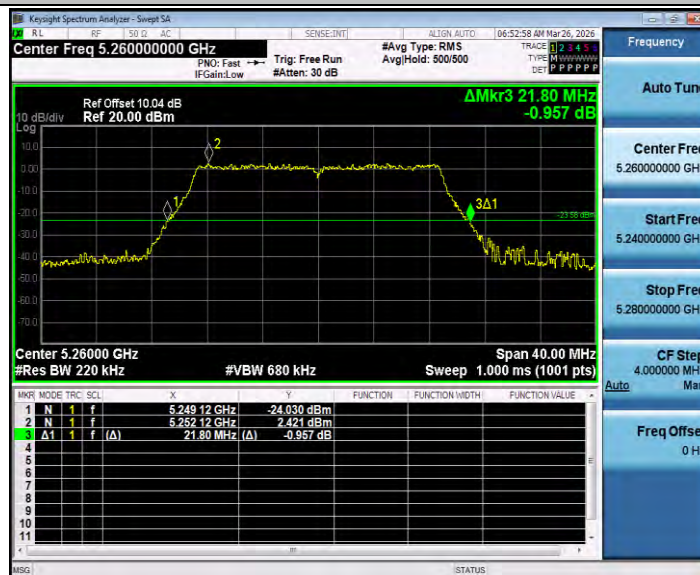
Auto Tune

Center Freq
5.280000000 GHzStart Freq
5.260000000 GHzStop Freq
5.300000000 GHzCF Step
4.000000 MHz
Auto ManFreq Offset
0 Hz

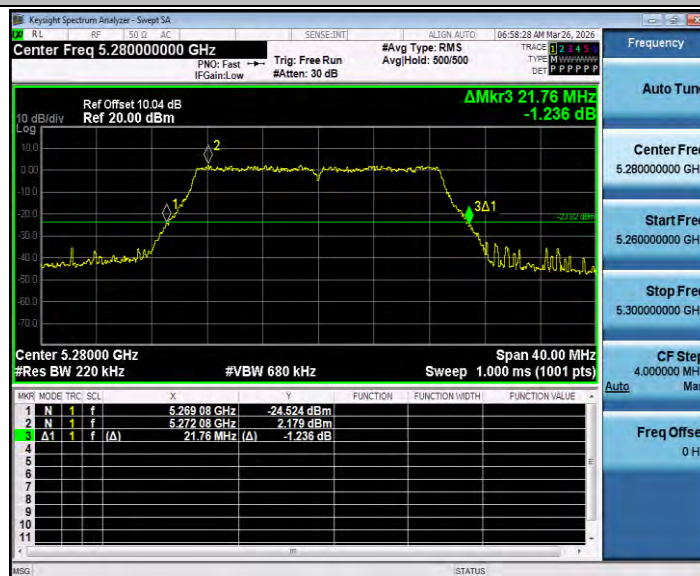
11A_Ant0_5320



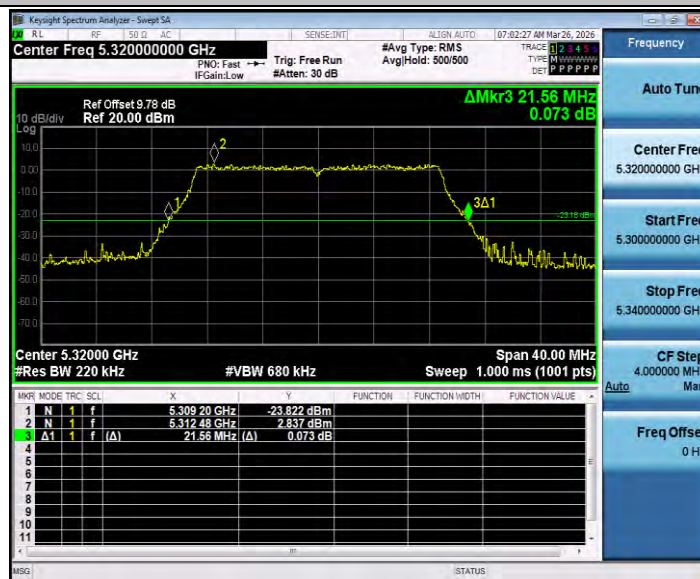
11N20SISO_Ant0_5260



11N20SISO_Ant0_5280



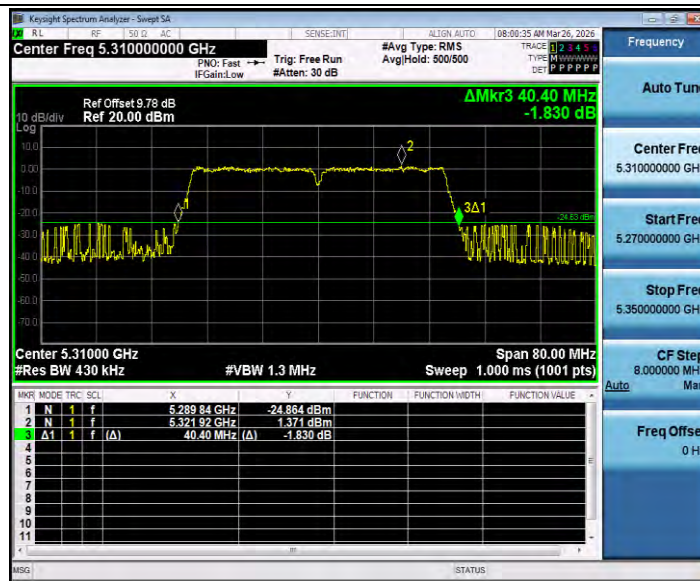
11N20SISO_Ant0_5320



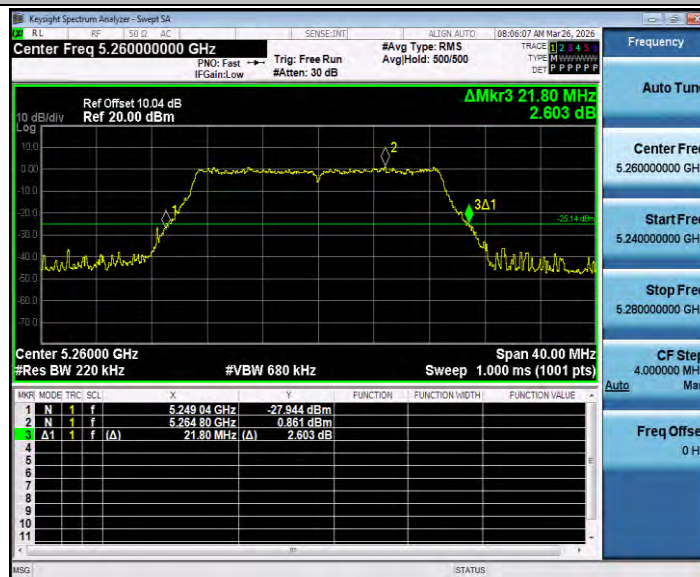
11N40SISO_Ant0_5270



11N40SISO_Ant0_5310



11AC20SISO_Ant0_5260



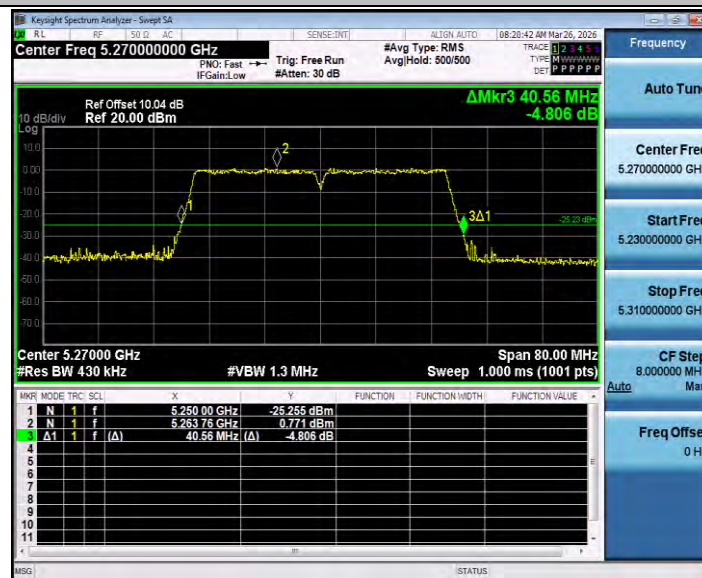
11AC20SISO_Ant0_5280



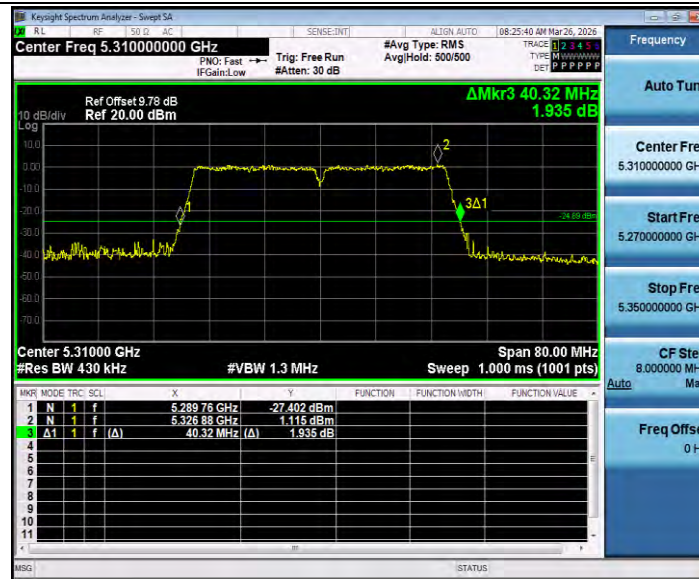
11AC20SISO_Ant0_5320



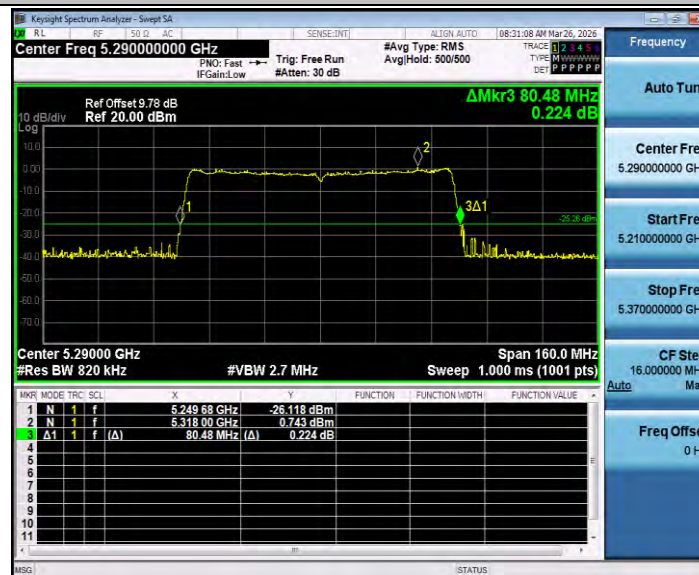
11AC40SISO_Ant0_5270



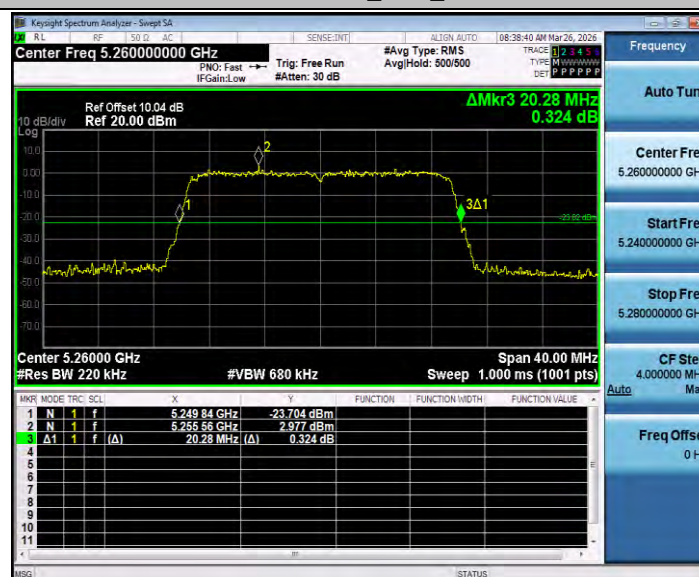
11AC40SISO_Ant0_5310

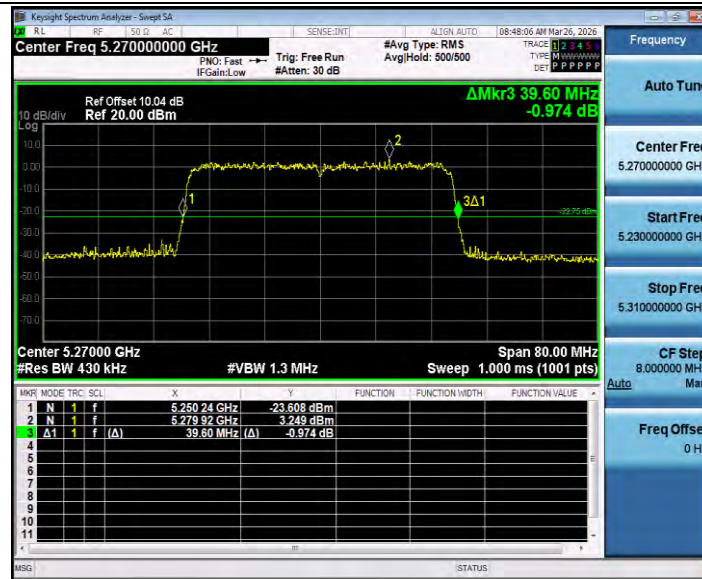


11AC80SISO_Ant0_5290

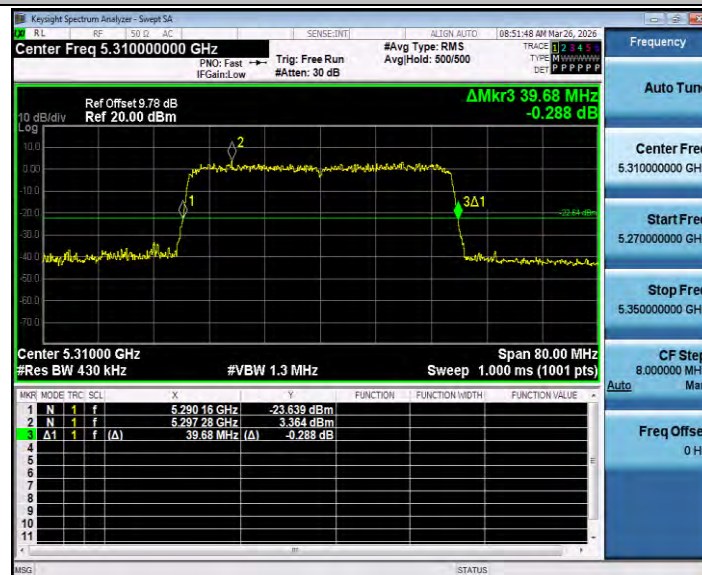


11AX20SISO_Ant0_5260





11AX40ISO_Ant0_5310



11AX80ISO_Ant0_5290

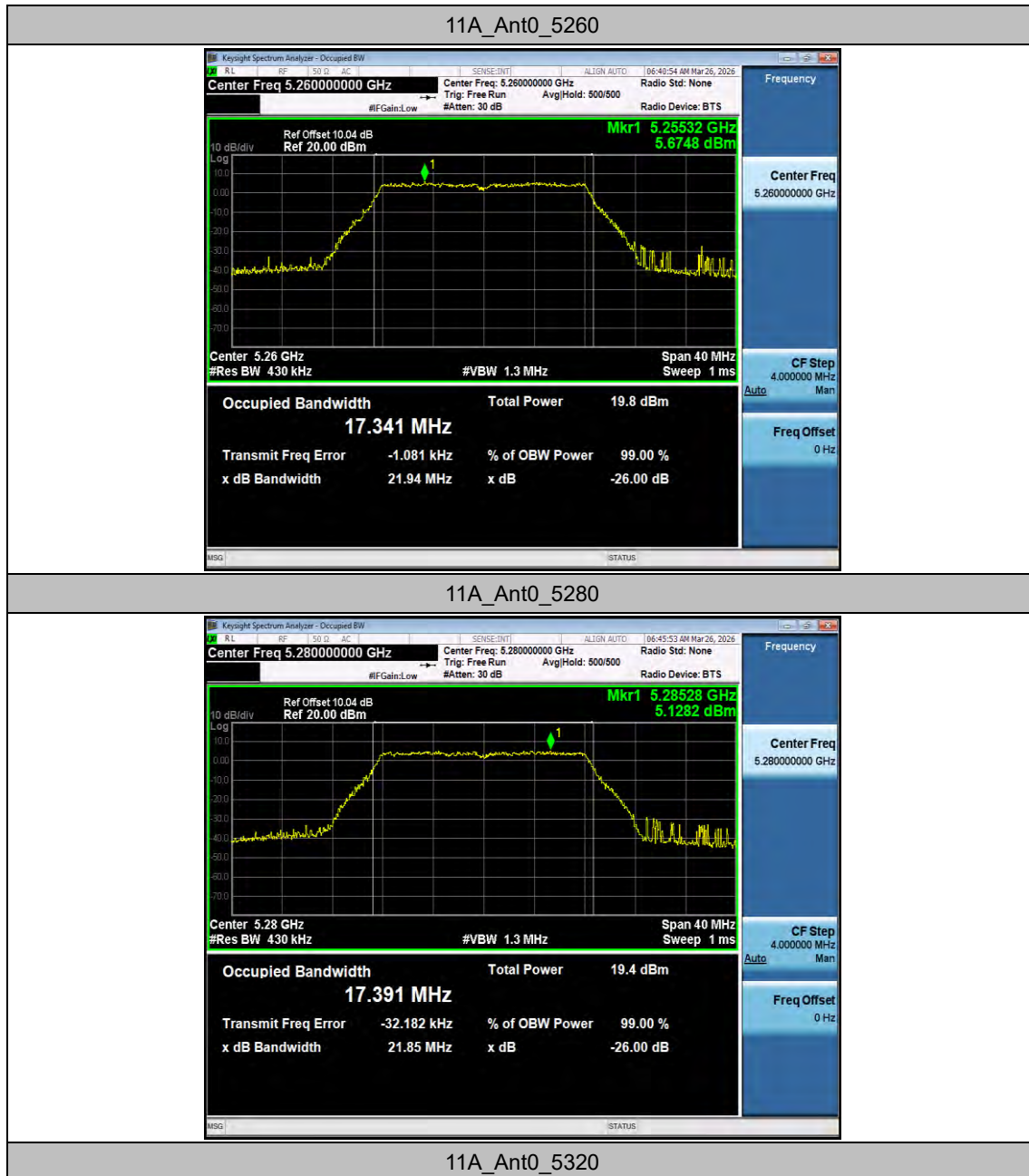


Appendix E.2: Occupied channel bandwidth

Test Result

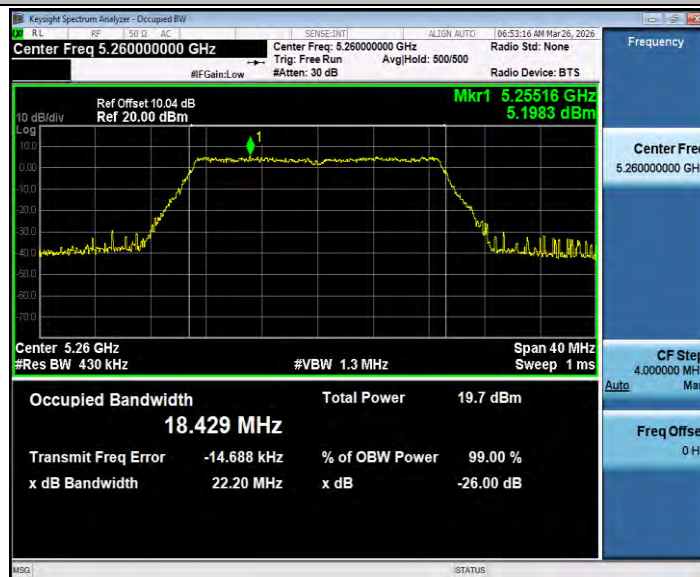
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5260	17.341	5251.3284	5268.6694	---	---
		5280	17.391	5271.2723	5288.6633	---	---
		5320	17.372	5311.3006	5328.6726	---	---
11N20SISO	Ant0	5260	18.429	5250.7708	5269.1998	---	---
		5280	18.409	5270.7665	5289.1755	---	---
		5320	18.357	5310.8287	5329.1857	---	---
11N40SISO	Ant0	5270	36.357	5251.8286	5288.1856	---	---
		5310	36.922	5291.5476	5328.4696	---	---
11AC20SISO	Ant0	5260	18.349	5250.8252	5269.1742	---	---
		5280	18.383	5270.7795	5289.1625	---	---
		5320	18.381	5310.7948	5329.1758	---	---
11AC40SISO	Ant0	5270	36.836	5251.5906	5288.4266	---	---
		5310	36.817	5291.6154	5328.4324	---	---
11AC80SISO	Ant0	5290	75.969	5252.1003	5328.0693	---	---
11AX20SISO	Ant0	5260	18.771	5250.6108	5269.3818	---	---
		5280	18.748	5270.6214	5289.3694	---	---
		5320	18.799	5310.5919	5329.3909	---	---
11AX40SISO	Ant0	5270	37.405	5251.3270	5288.7320	---	---
		5310	37.397	5291.2774	5328.6744	---	---
11AX80SISO	Ant0	5290	78.044	5251.0905	5329.1345	---	---

Test Graphs

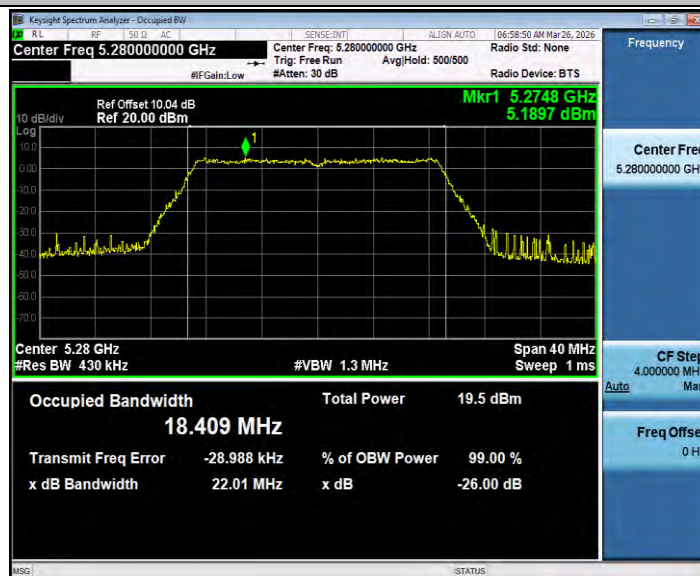




11N20SISO_Ant0_5260



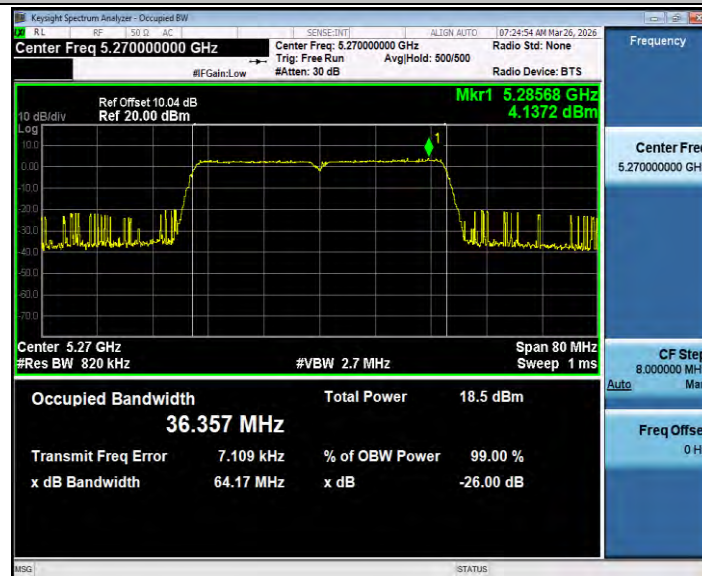
11N20SISO_Ant0_5280



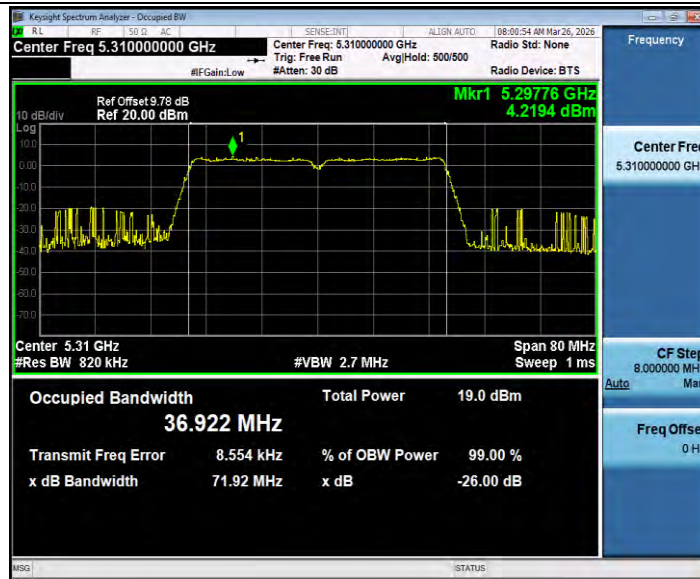
11N20SISO_Ant0_5320



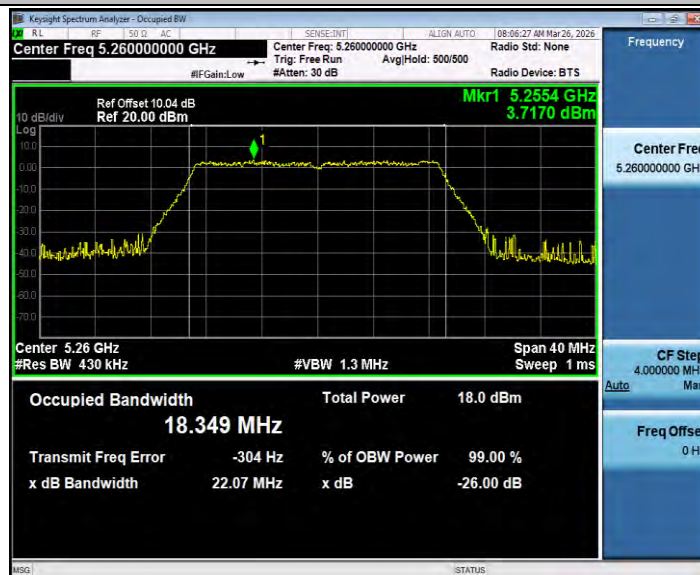
11N40SISO_Ant0_5270



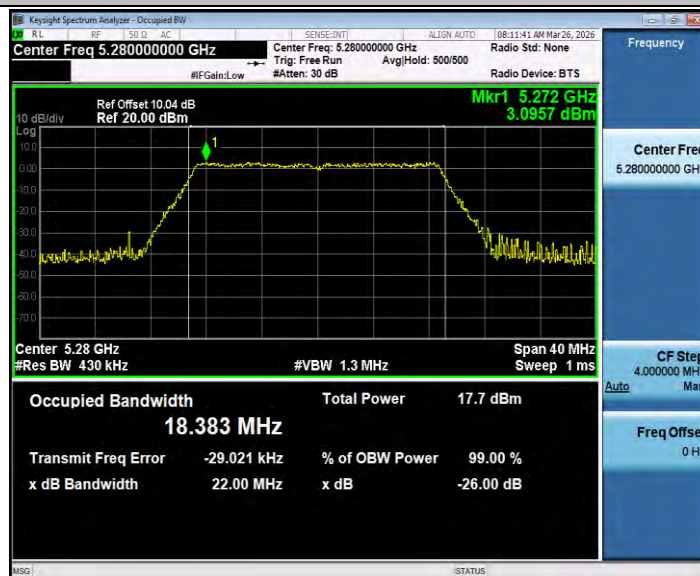
11N40SISO_Ant0_5310



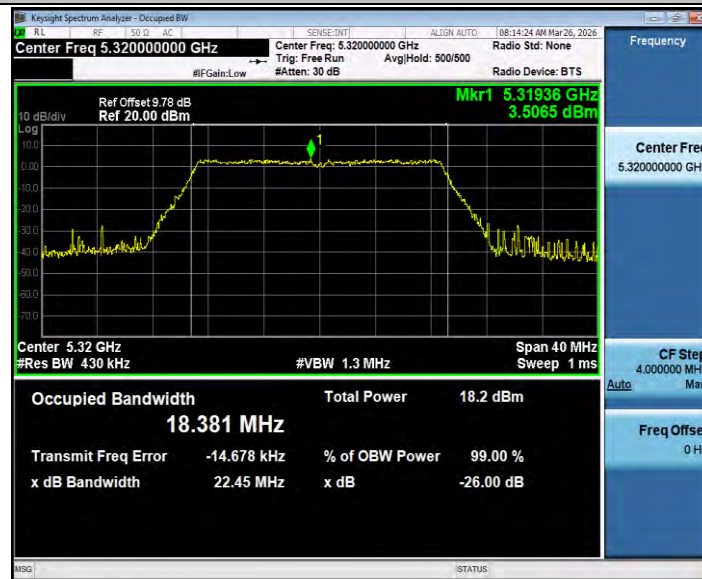
11AC20SISO_Ant0_5260



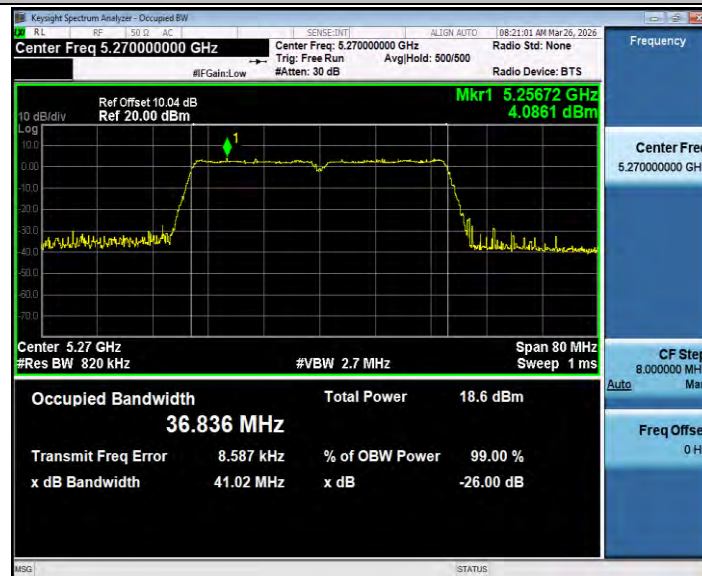
11AC20SISO_Ant0_5280



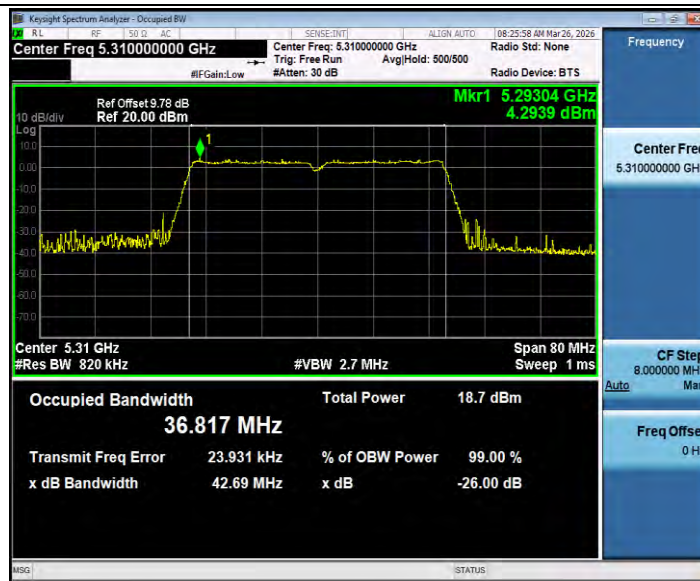
11AC20SISO_Ant0_5320



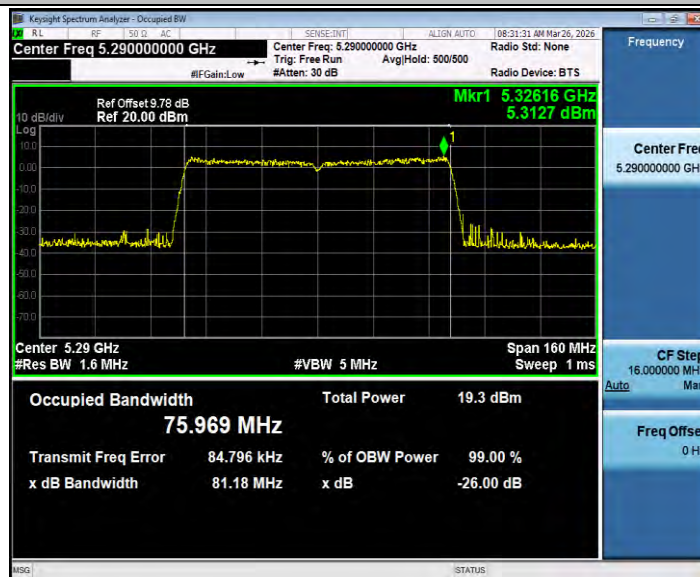
11AC40SISO_Ant0_5270



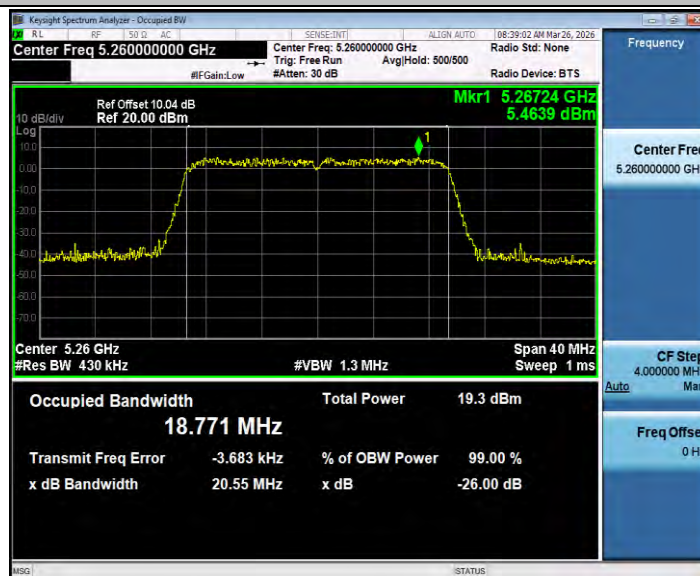
11AC40SISO_Ant0_5310



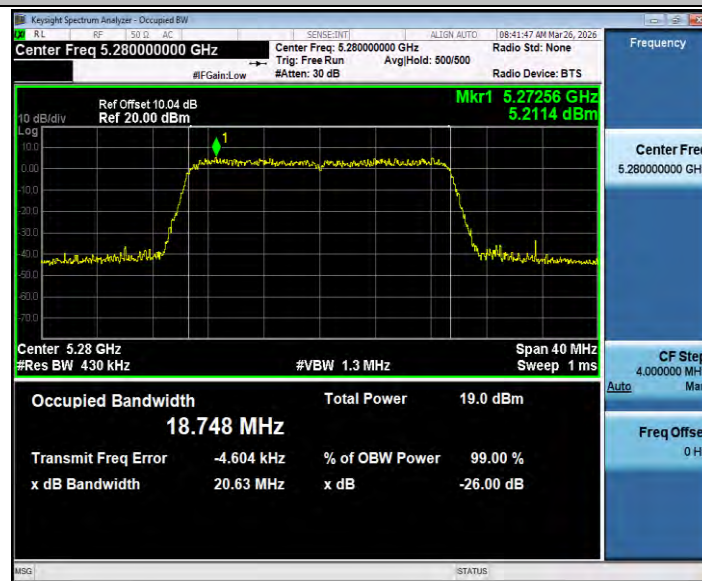
11AC80SISO_Ant0_5290



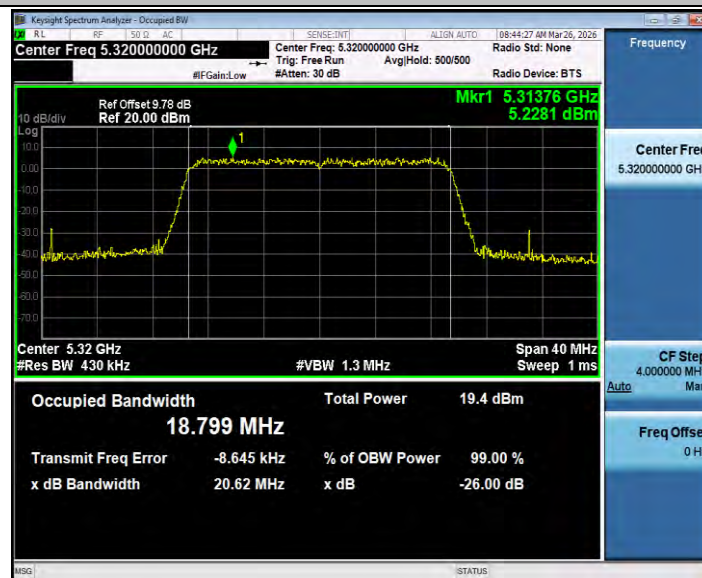
11AX20SISO_Ant0_5260



11AX20SISO_Ant0_5280



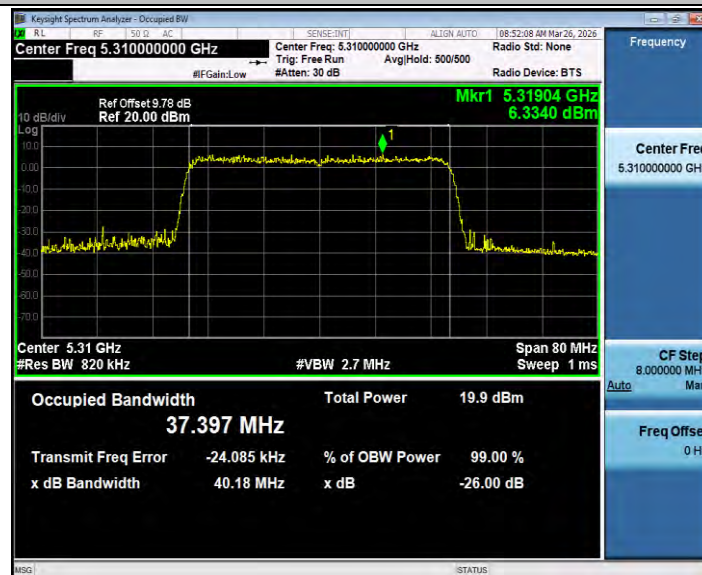
11AX20SISO_Ant0_5320



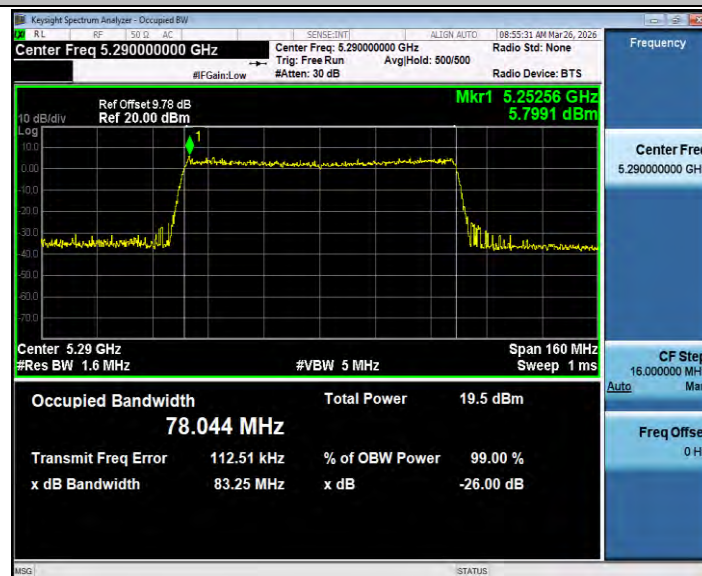
11AX40SISO_Ant0_5270



11AX40ISO_Ant0_5310



11AX80ISO_Ant0_5290

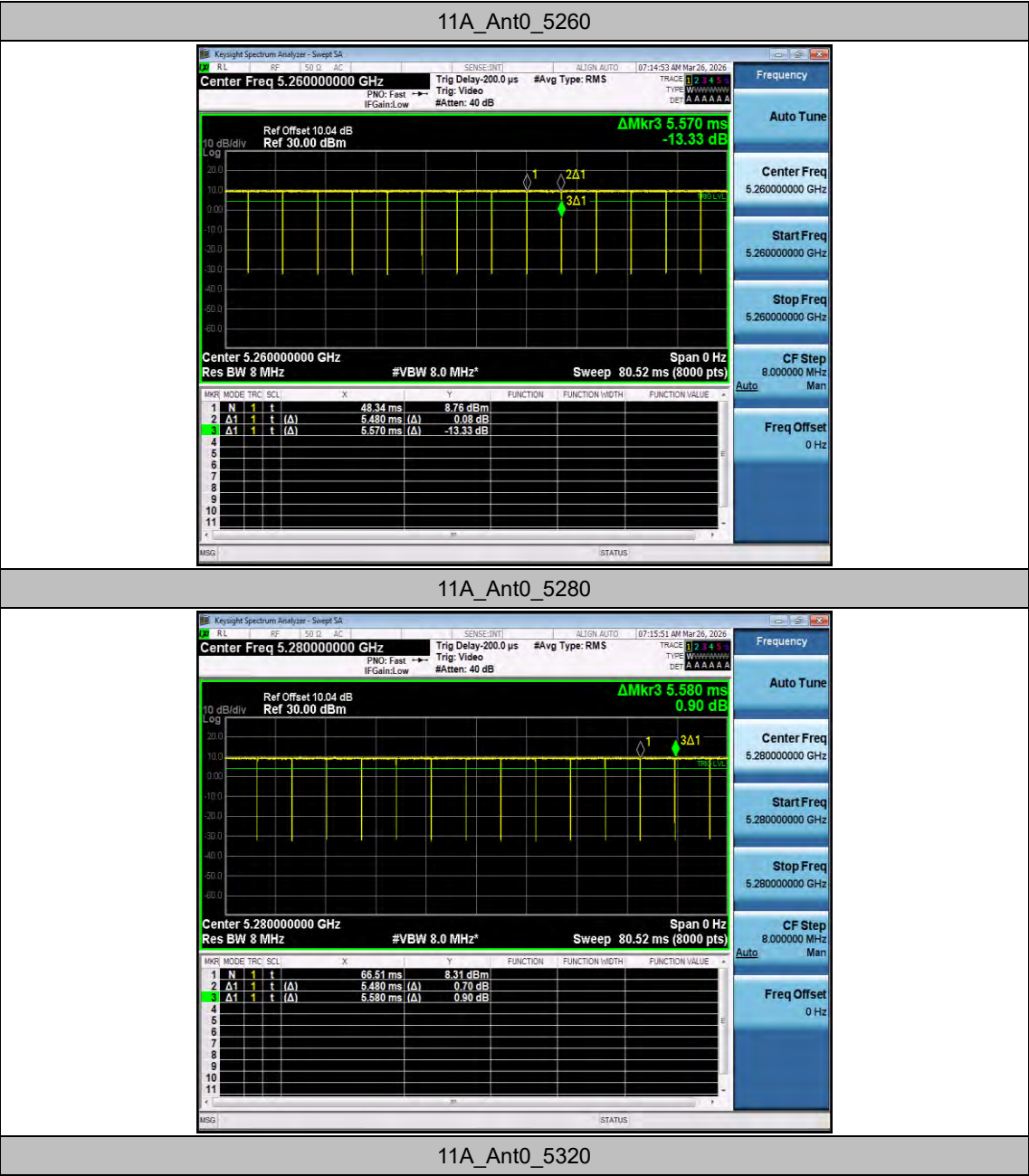


AppendixE.3: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5260	5.48	5.57	98.38	0.07	0.18
		5280	5.48	5.58	98.21	0.08	0.18
		5320	5.48	5.57	98.38	0.07	0.18
11N20SISO	Ant0	5260	5.37	5.47	98.17	0.08	0.19
		5280	5.37	5.47	98.17	0.08	0.19
		5320	5.37	5.47	98.17	0.08	0.19
11N40SISO	Ant0	5270	5.15	5.24	98.28	0.08	0.19
		5310	5.15	5.24	98.28	0.08	0.19
11AC20SISO	Ant0	5260	5.38	5.47	98.35	0.07	0.19
		5280	5.38	5.48	98.18	0.08	0.19
		5320	5.37	5.46	98.35	0.07	0.19
11AC40SISO	Ant0	5270	5.16	5.25	98.29	0.07	0.19
		5310	5.15	5.24	98.28	0.08	0.19
11AC80SISO	Ant0	5290	4.76	4.85	98.14	0.08	0.21
11AX20SISO	Ant0	5260	4.64	4.74	97.89	0.09	0.22
		5280	4.65	4.75	97.89	0.09	0.22
		5320	4.64	4.74	97.89	0.09	0.22
11AX40SISO	Ant0	5270	4.63	4.73	97.89	0.09	0.22
		5310	4.63	4.73	97.89	0.09	0.22
11AX80SISO	Ant0	5290	4.42	4.51	98.00	0.09	0.23

Test Graphs



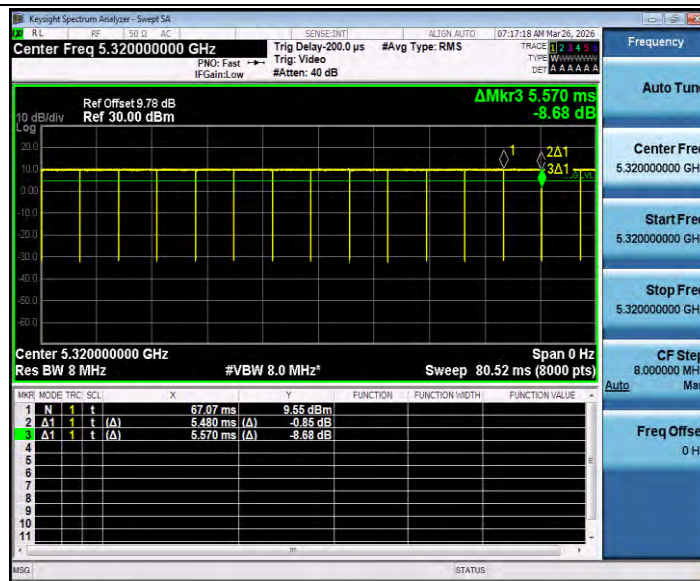
11A_Ant0_5280

Frequency

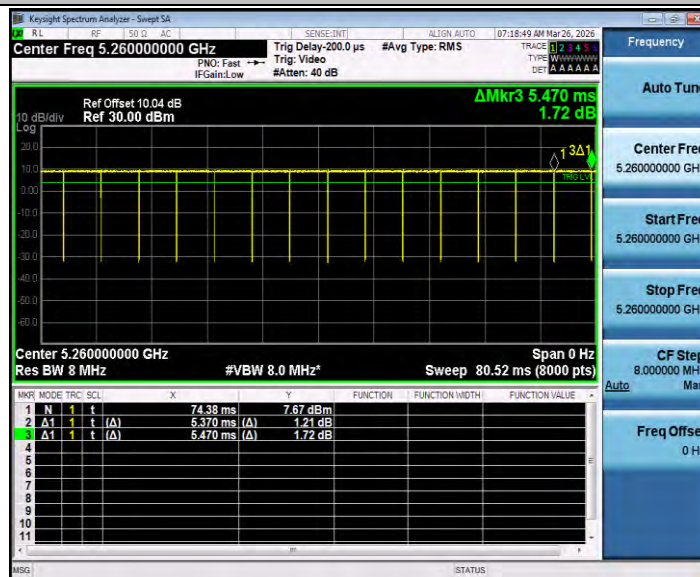
Auto Tune

Center Freq
5.280000000 GHzStart Freq
5.280000000 GHzStop Freq
5.280000000 GHzCF Step
8.0000000 MHzFreq Offset
0 Hz

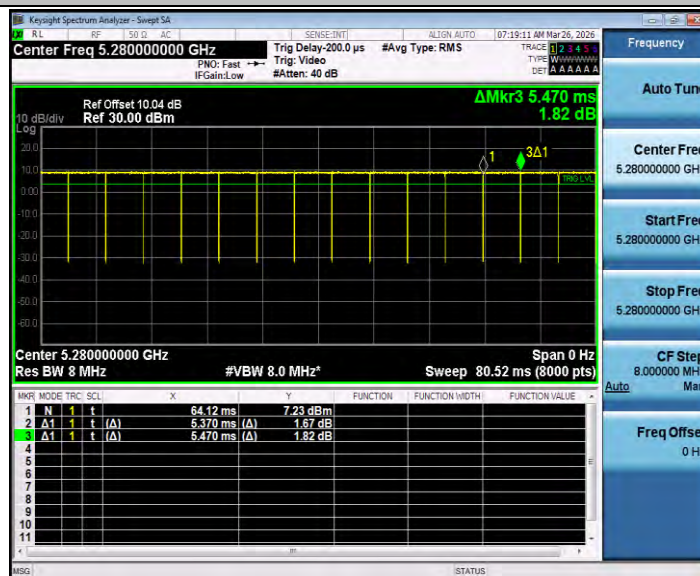
11A_Ant0_5320



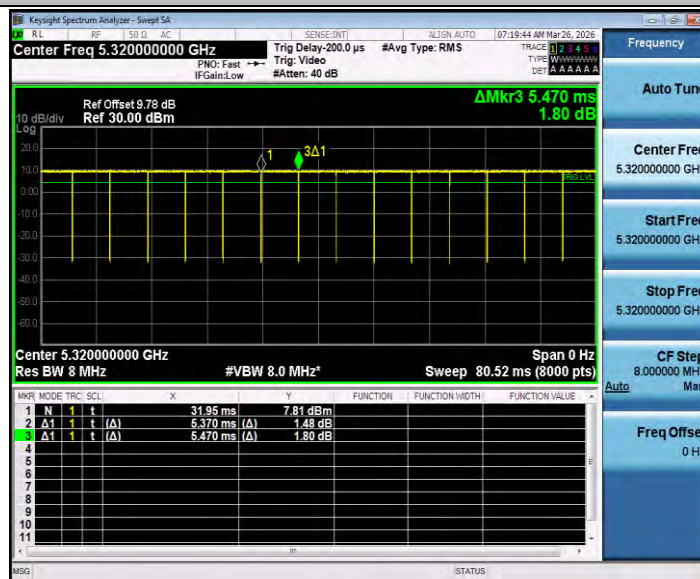
11N20SISO_Ant0_5260



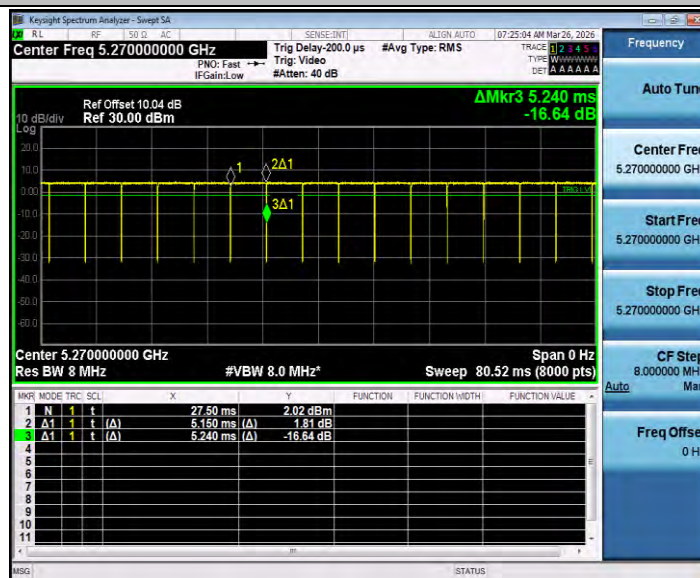
11N20SISO_Ant0_5280



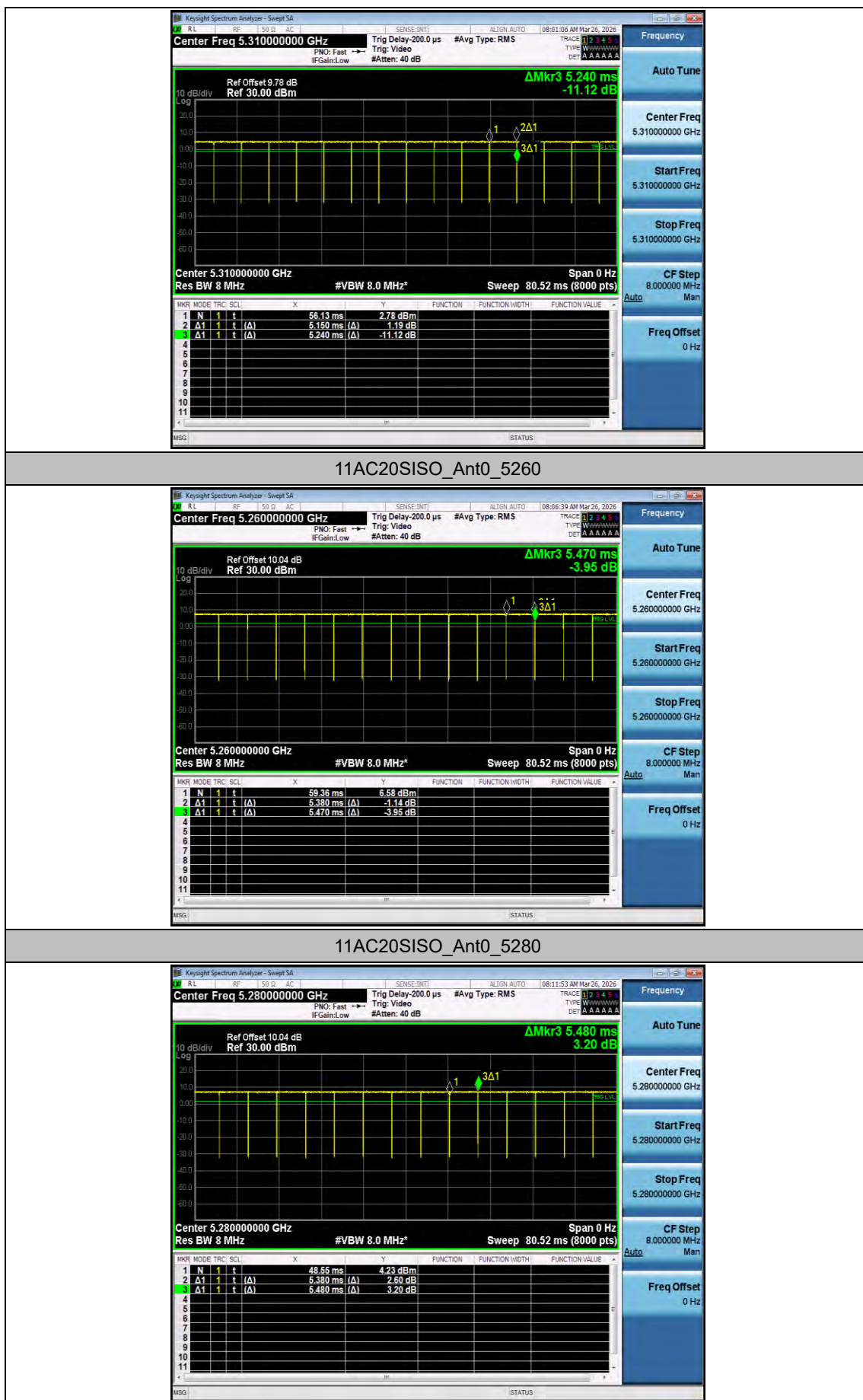
11N20SISO_Ant0_5320

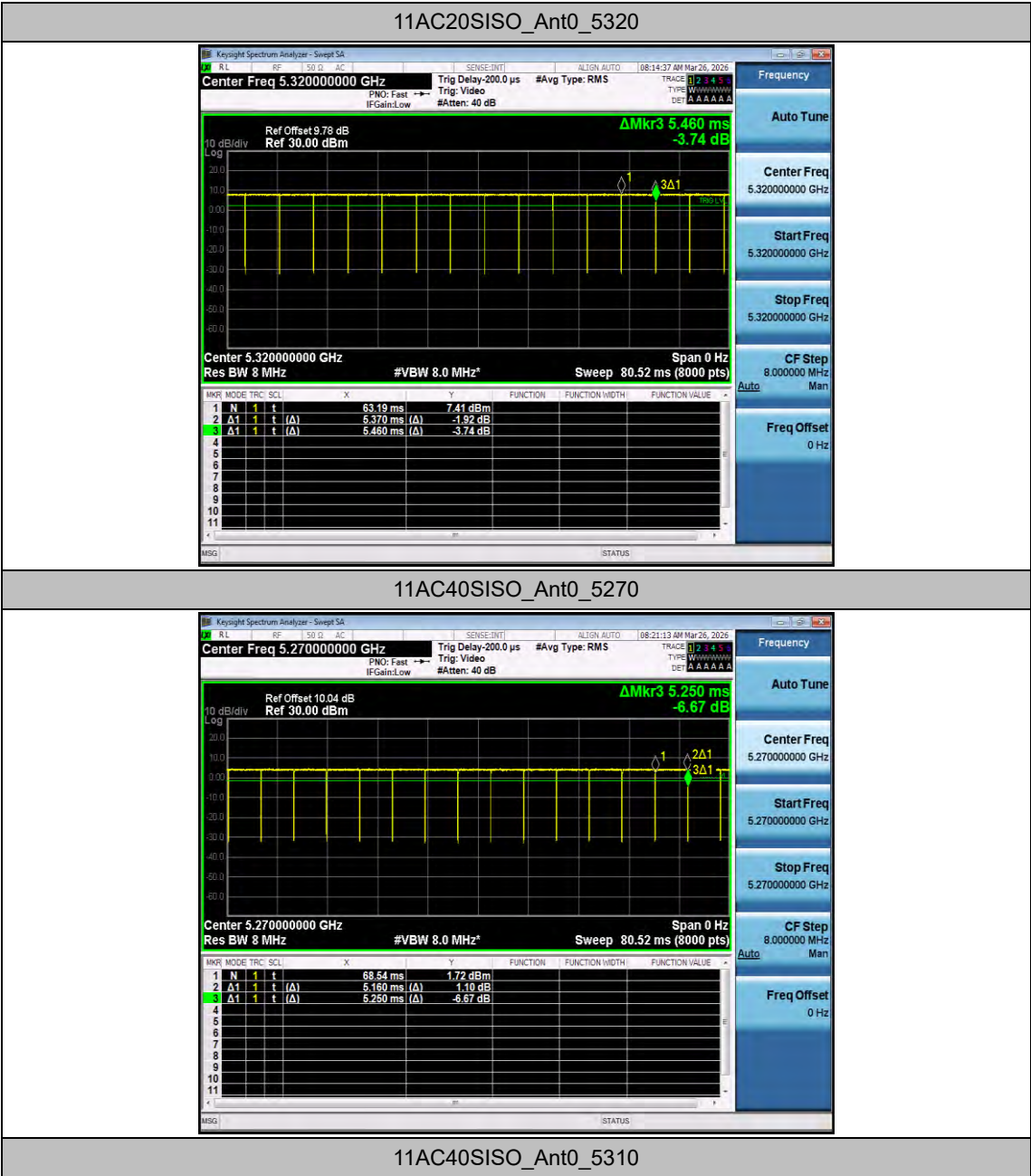


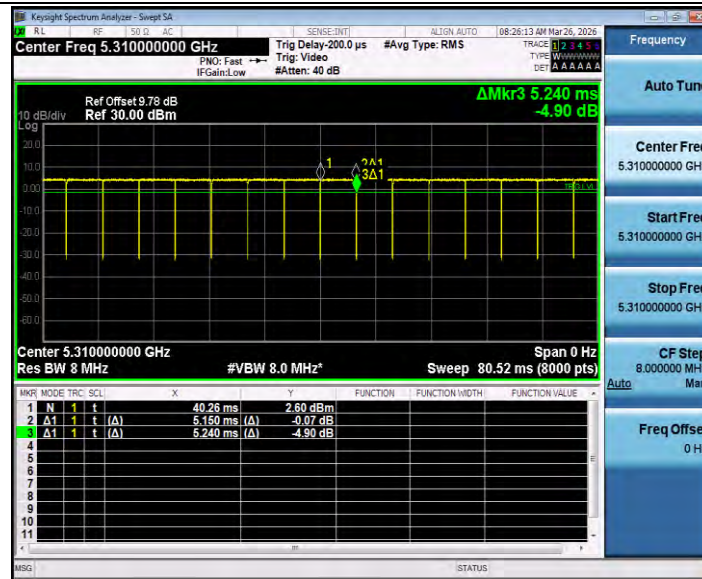
11N40SISO_Ant0_5270



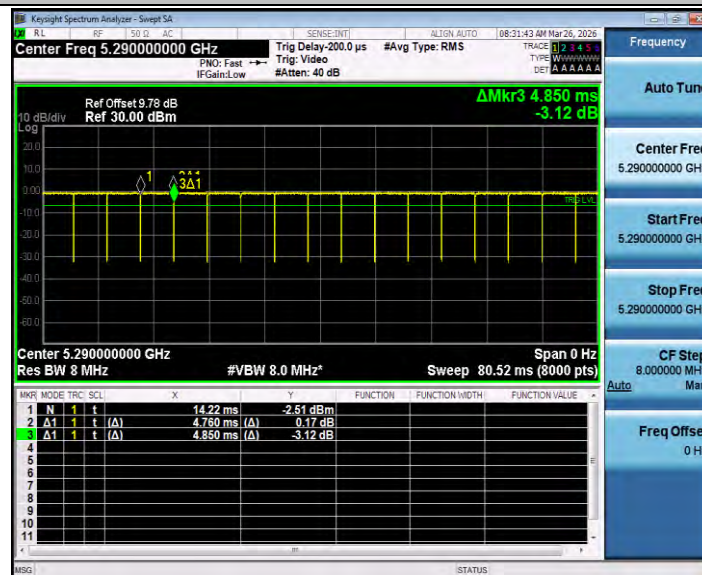
11N40SISO_Ant0_5310



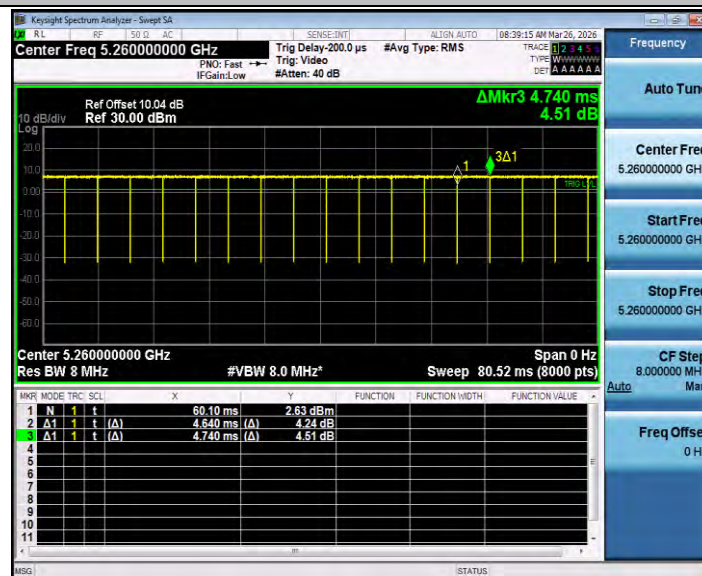




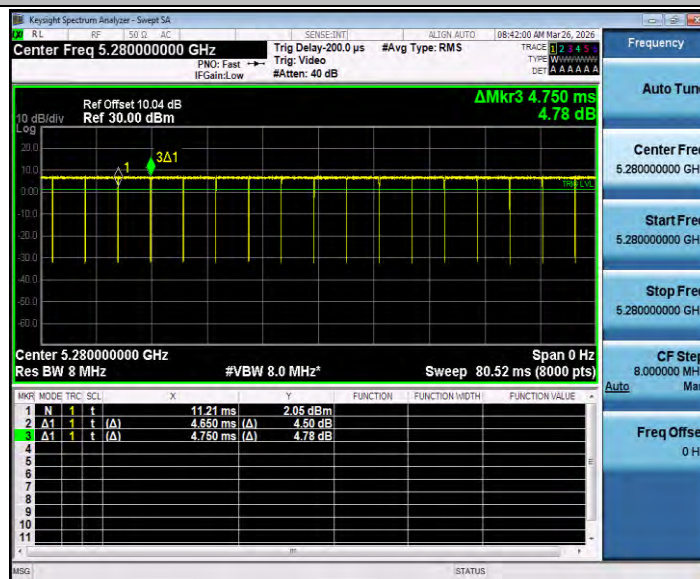
11AC80SISO_Ant0_5290



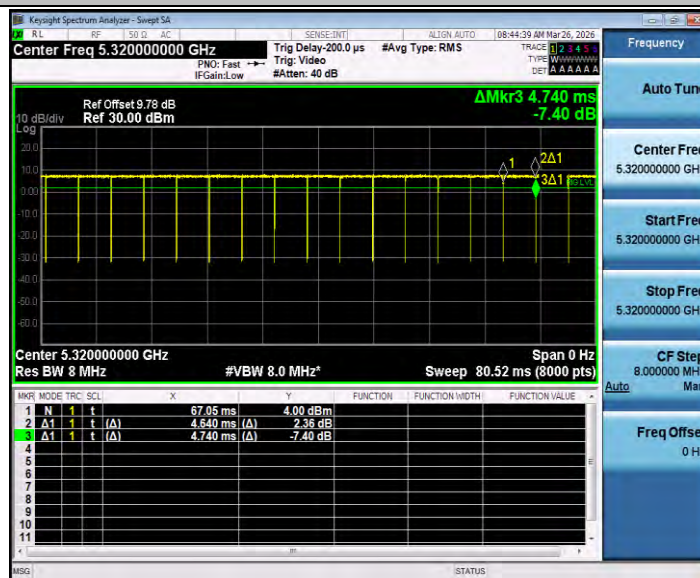
11AX20SISO_Ant0_5260



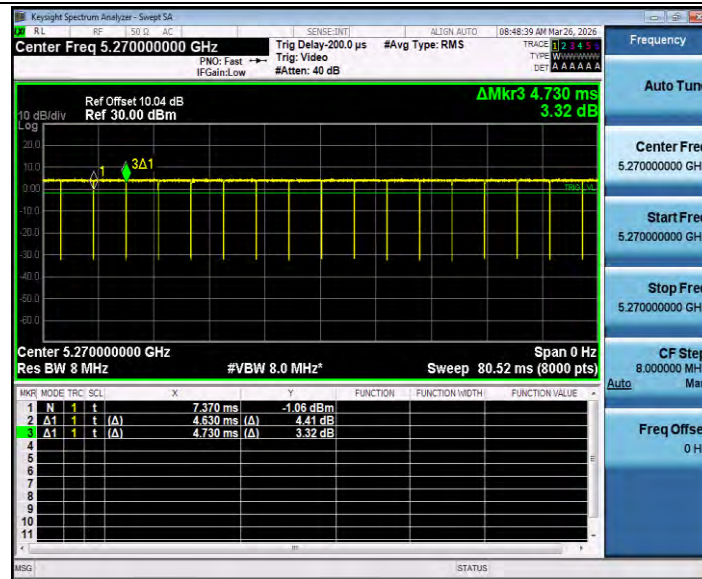
11AX20SISO_Ant0_5280



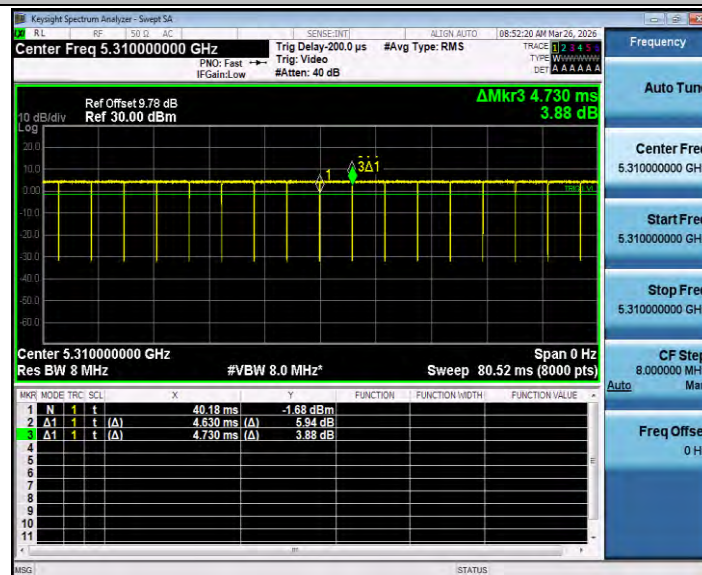
11AX20SISO_Ant0_5320



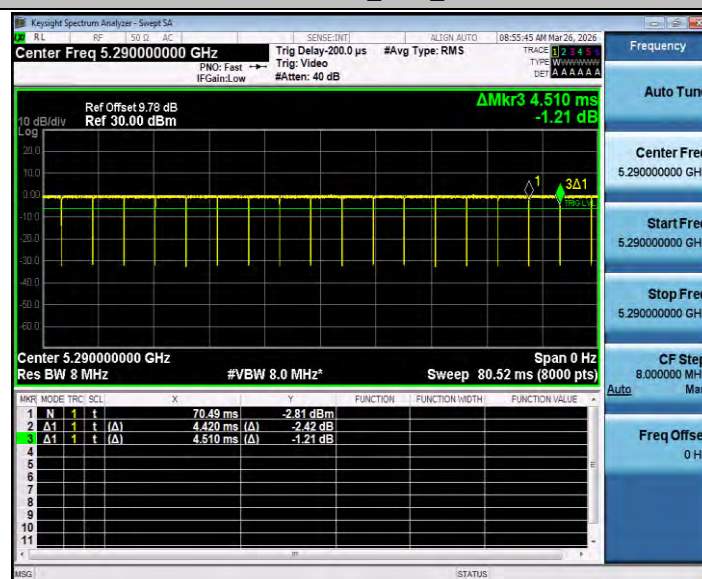
11AX40SISO_Ant0_5270



11AX40SISO_Ant0_5310



11AX80SISO_Ant0_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	Ant0	5260	12.90	98.56	0.06	12.96	≤23.98	PASS
		5280	12.49	98.39	0.07	12.56	≤23.98	PASS
		5320	13.08	98.21	0.08	13.16	≤23.98	PASS
11N20SISO	Ant0	5260	12.91	98.35	0.07	12.98	≤23.98	PASS
		5280	12.60	98.35	0.07	12.67	≤23.98	PASS
		5320	13.18	98.35	0.07	13.25	≤23.98	PASS
11N40SISO	Ant0	5270	11.23	98.28	0.08	11.31	≤23.98	PASS
		5310	11.56	98.28	0.08	11.64	≤23.98	PASS
11AC20SISO	Ant0	5260	11.08	98.35	0.07	11.15	≤23.98	PASS
		5280	10.93	98.18	0.08	11.01	≤23.98	PASS
		5320	11.37	98.35	0.07	11.44	≤23.98	PASS
11AC40SISO	Ant0	5270	11.15	98.29	0.07	11.22	≤23.98	PASS
		5310	11.37	98.28	0.08	11.45	≤23.98	PASS
11AC80SISO	Ant0	5290	10.26	98.14	0.08	10.34	≤23.98	PASS
11AX20SISO	Ant0	5260	10.72	97.89	0.09	10.81	≤23.98	PASS
		5280	10.48	97.89	0.09	10.57	≤23.98	PASS
		5320	10.93	97.89	0.09	11.02	≤23.98	PASS
11AX40SISO	Ant0	5270	10.86	97.89	0.09	10.95	≤23.98	PASS
		5310	11.09	97.89	0.09	11.18	≤23.98	PASS
11AX80SISO	Ant0	5290	10.15	98.00	0.09	10.24	≤23.98	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5260	1.49	≤11.00	PASS
		5280	1.07	≤11.00	PASS
		5320	1.72	≤11.00	PASS
11N20SISO	Ant0	5260	1.43	≤11.00	PASS
		5280	1.01	≤11.00	PASS
		5320	1.70	≤11.00	PASS
11N40SISO	Ant0	5270	-3.15	≤11.00	PASS
		5310	-2.68	≤11.00	PASS
11AC20SISO	Ant0	5260	-0.35	≤11.00	PASS
		5280	-0.65	≤11.00	PASS
		5320	-0.16	≤11.00	PASS
11AC40SISO	Ant0	5270	-3.08	≤11.00	PASS
		5310	-2.85	≤11.00	PASS
11AC80SISO	Ant0	5290	-6.35	≤11.00	PASS
11AX20SISO	Ant0	5260	-0.95	≤11.00	PASS
		5280	-1.37	≤11.00	PASS
		5320	-0.82	≤11.00	PASS
11AX40SISO	Ant0	5270	-3.75	≤11.00	PASS
		5310	-3.45	≤11.00	PASS
11AX80SISO	Ant0	5290	-7.09	≤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_Ant0_5260



11A_Ant0_5280



11A_Ant0_5320



11N20SISO_Ant0_5260



11N20SISO_Ant0_5280



11N20SISO_Ant0_5320



11N40SISO_Ant0_5270



11N40SISO_Ant0_5310



11AC20SISO_Ant0_5260



11AC20SISO_Ant0_5280



11AC20SISO_Ant0_5320



11AC40SISO_Ant0_5270



11AC40SISO_Ant0_5310



11AC80SISO_Ant0_5290



11AX20SISO_Ant0_5260



11AX20SISO_Ant0_5280



11AX20SISO_Ant0_5320



11AX40SISO_Ant0_5270



11AX40SISO_Ant0_5310



11AX80SISO_Ant0_5290

