

Case No. : <u>GTS20250313007-2-04</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.3.27</u>	Test Engineer: <u>Evan ouyang</u>

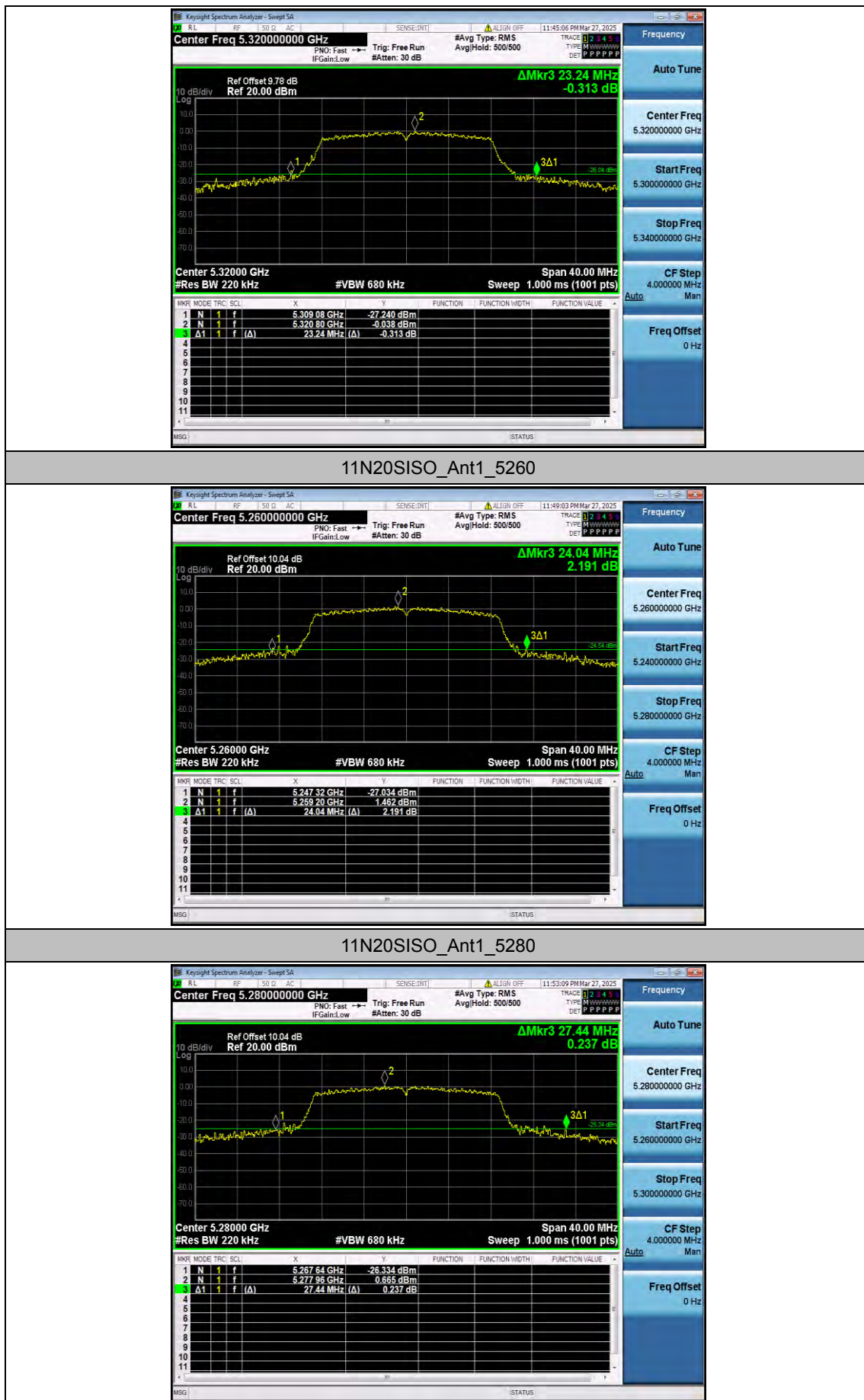
Appendix E.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	23.400	5247.400	5270.800	---	---
		5280	26.440	5266.880	5293.320	---	---
		5320	23.240	5309.080	5332.320	---	---
11N20SISO	Ant1	5260	24.040	5247.320	5271.360	---	---
		5280	27.440	5267.640	5295.080	---	---
		5320	23.280	5308.360	5331.640	---	---
11N40SISO	Ant1	5270	44.320	5248.000	5292.320	---	---
		5310	48.800	5288.640	5337.440	---	---
11AC20SISO	Ant1	5260	23.680	5248.000	5271.680	---	---
		5280	24.880	5267.520	5292.400	---	---
		5320	22.680	5309.800	5332.480	---	---
11AC40SISO	Ant1	5270	46.000	5244.880	5290.880	---	---
		5310	50.720	5289.680	5340.400	---	---
11AC80SISO	Ant1	5290	105.600	5232.720	5338.320	---	---

Test Graphs





11N20SISO_Ant1_5320



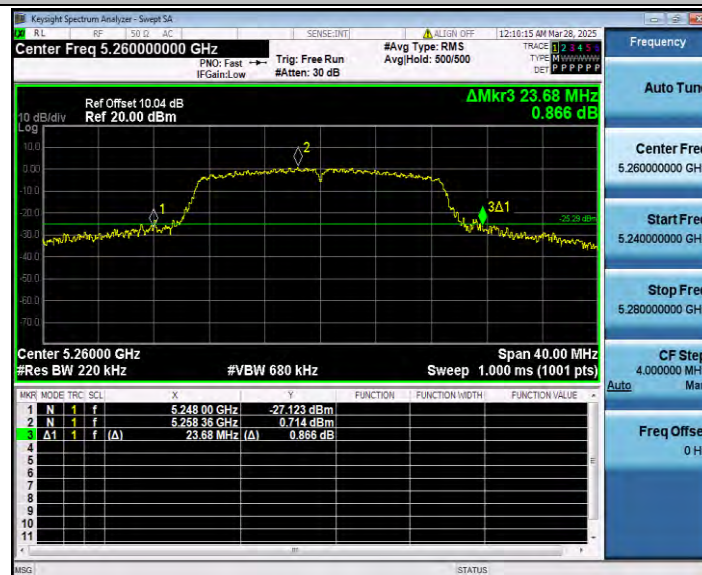
11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



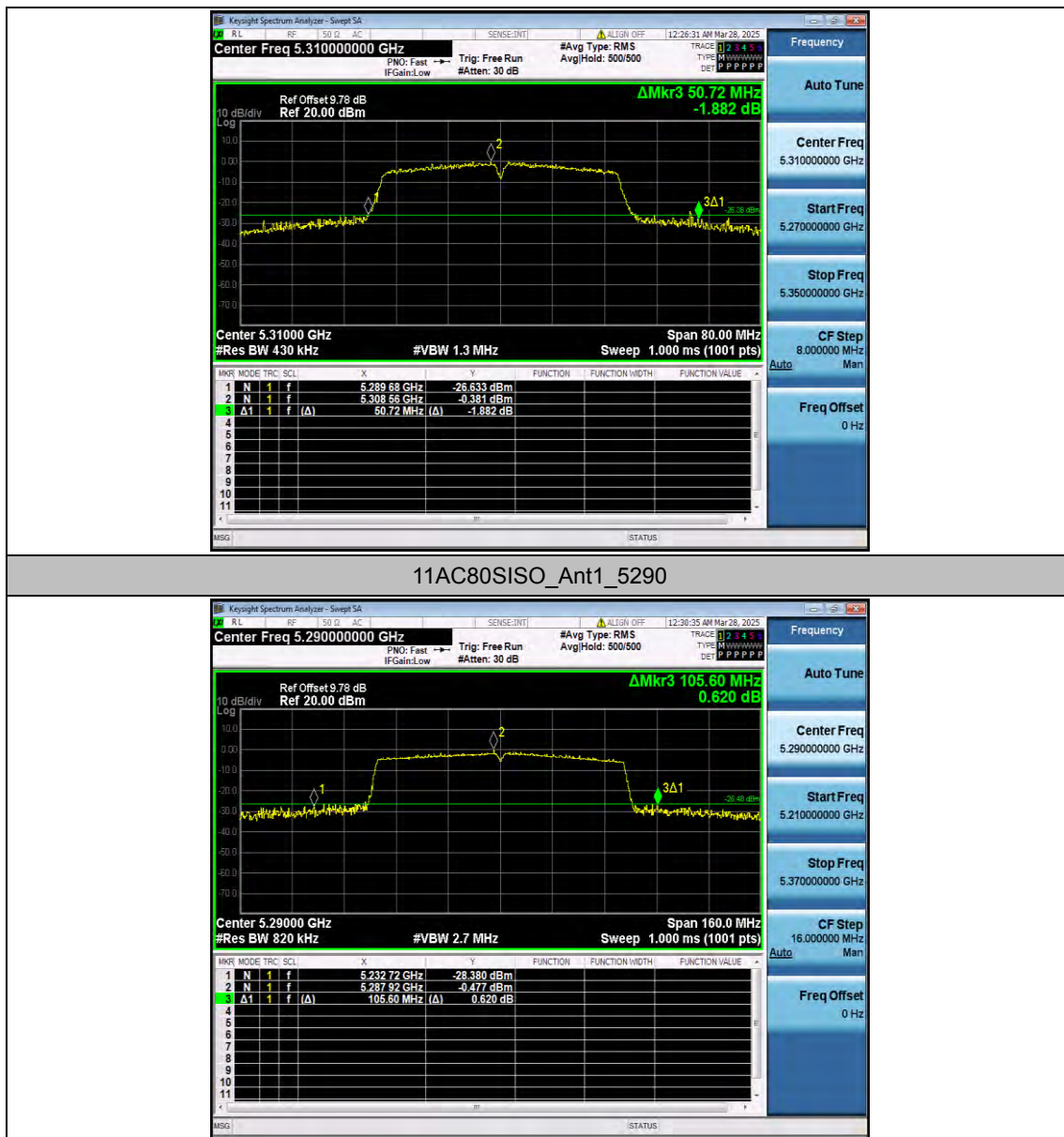
11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310

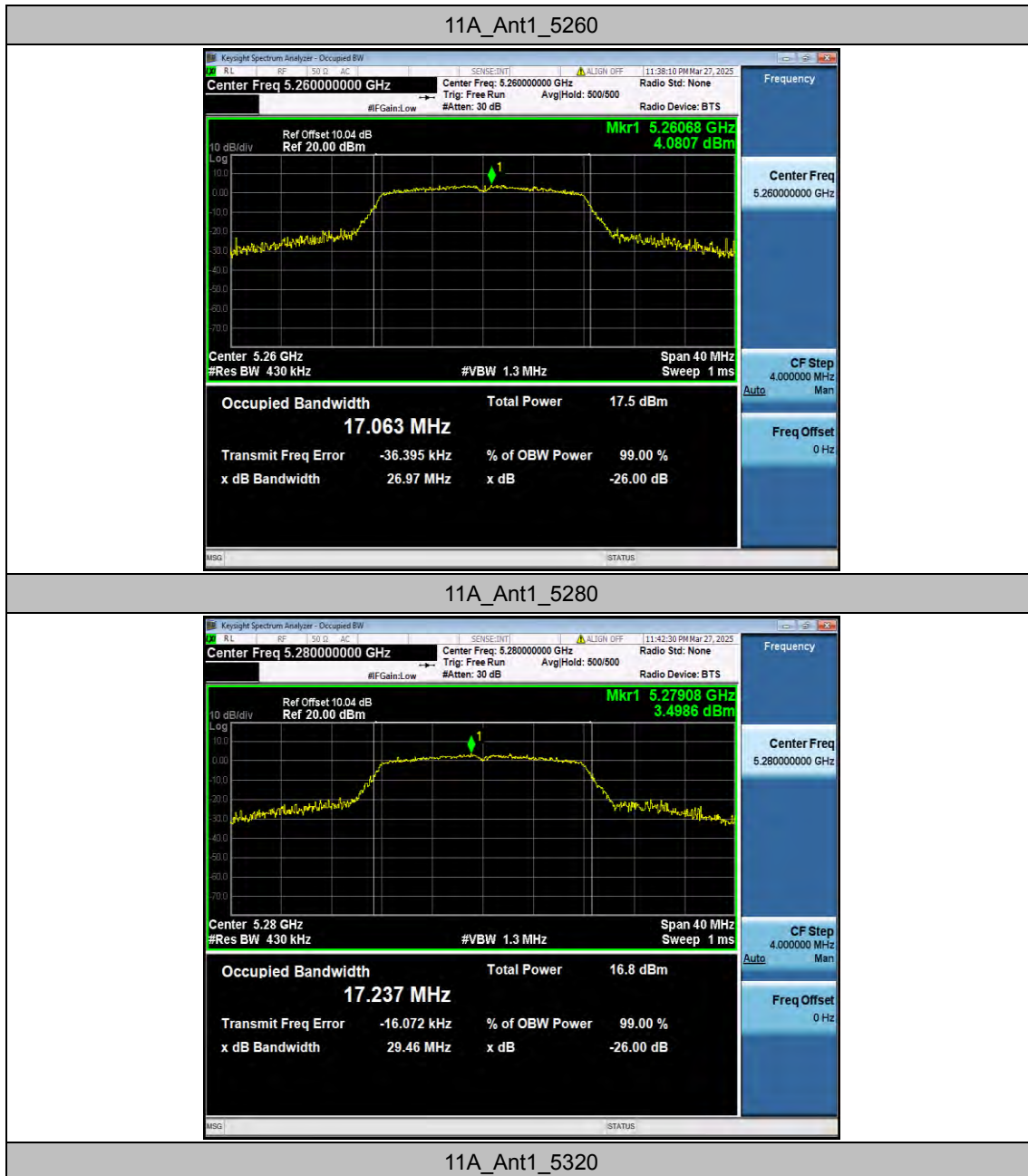


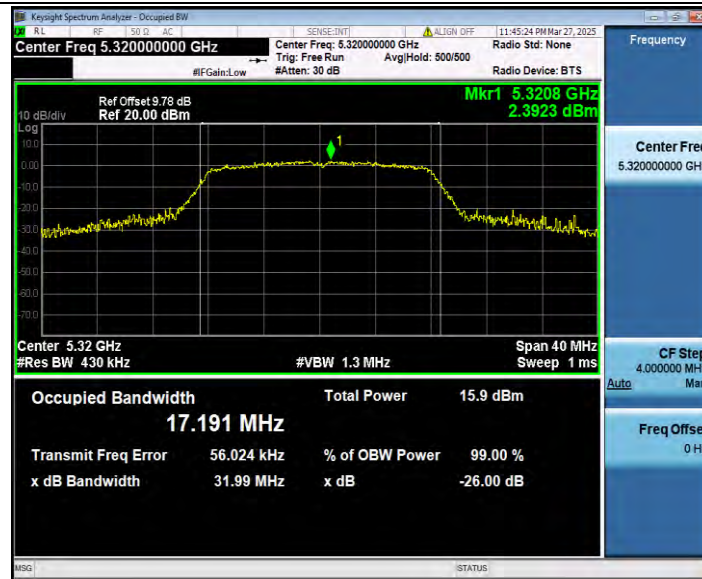
Appendix E.2: Occupied channel bandwidth

Test Result

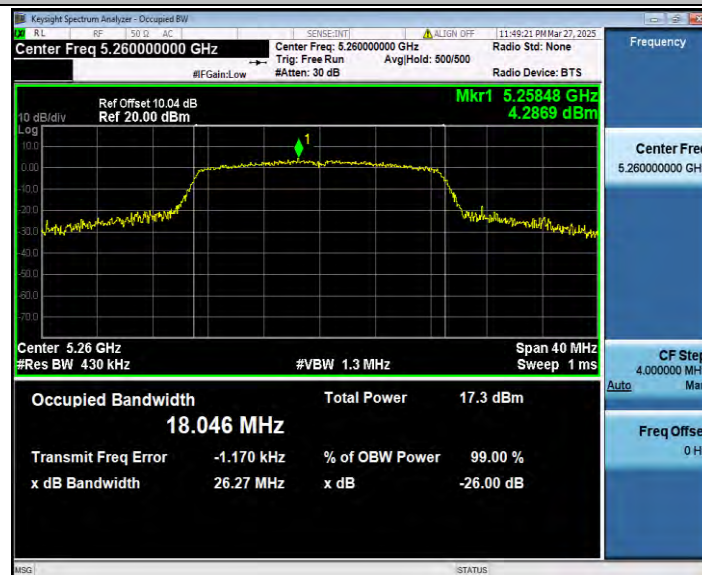
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	17.063	5251.4321	5268.4951	---	---
		5280	17.237	5271.3654	5288.6024	---	---
		5320	17.191	5311.4605	5328.6515	---	---
11N20SISO	Ant1	5260	18.046	5250.9758	5269.0218	---	---
		5280	18.100	5270.9720	5289.0720	---	---
		5320	18.084	5310.9890	5329.0730	---	---
11N40SISO	Ant1	5270	36.563	5251.6436	5288.2066	---	---
		5310	36.535	5291.7641	5328.2991	---	---
11AC20SISO	Ant1	5260	18.000	5250.9844	5268.9844	---	---
		5280	18.138	5270.8857	5289.0237	---	---
		5320	18.044	5311.0004	5329.0444	---	---
11AC40SISO	Ant1	5270	36.528	5251.6641	5288.1921	---	---
		5310	36.531	5291.7550	5328.2860	---	---
11AC80SISO	Ant1	5290	75.623	5252.1599	5327.7829	---	---

Test Graphs

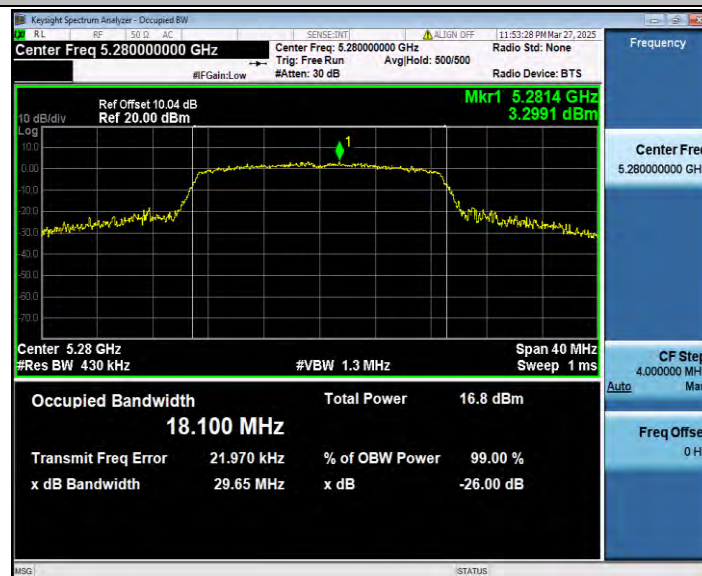




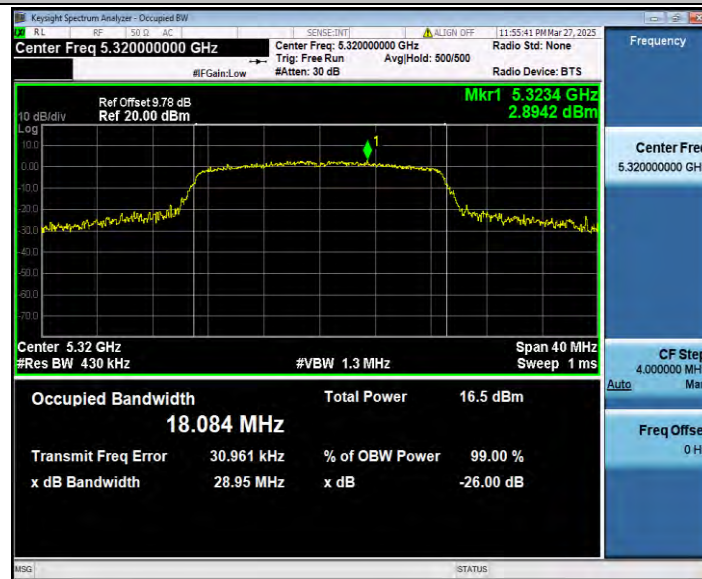
11N20SISO_Ant1_5260



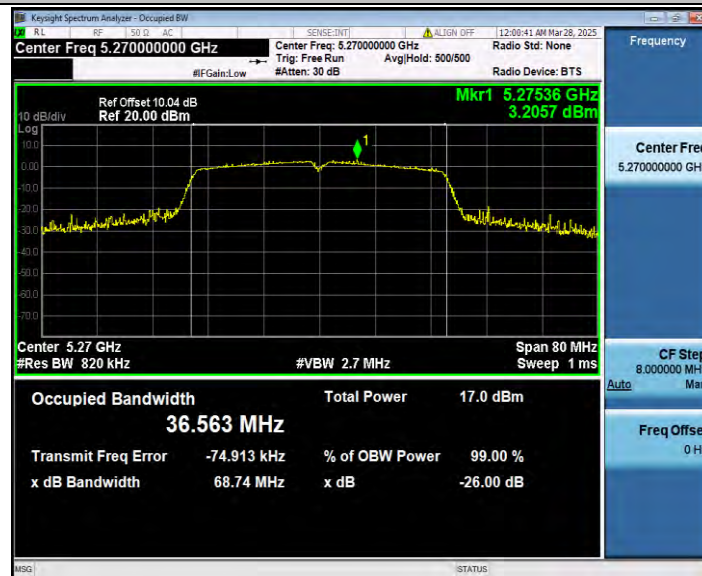
11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



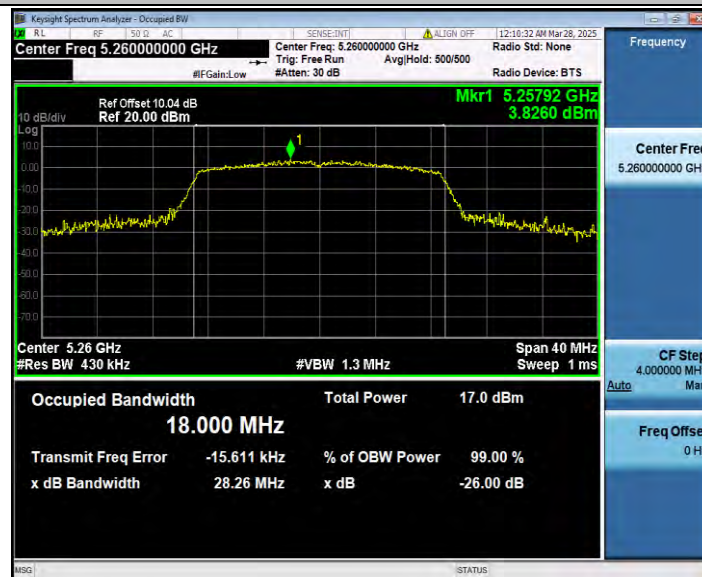
11N40SISO_Ant1_5270



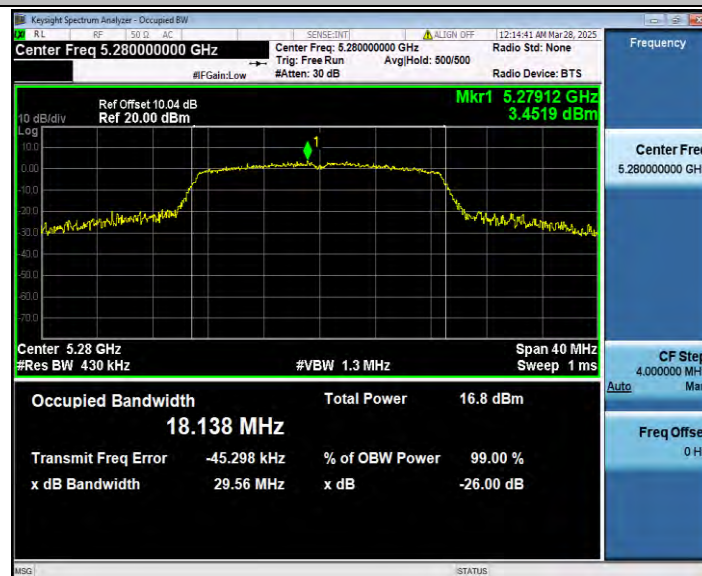
11N40SISO_Ant1_5310



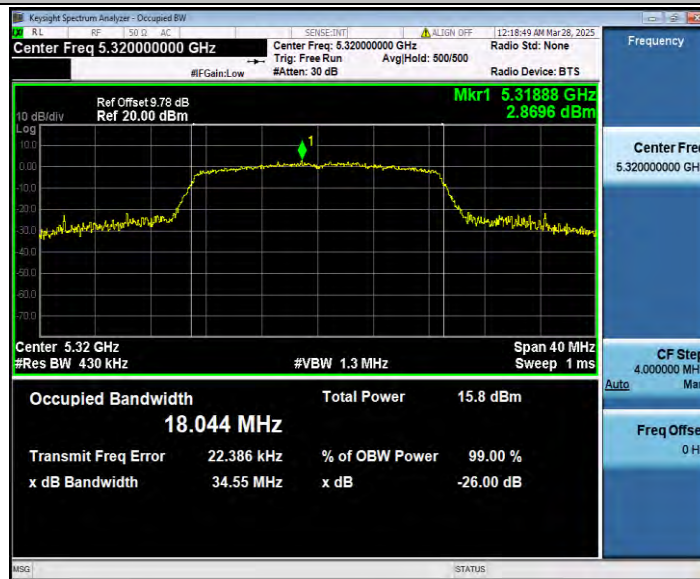
11AC20SISO_Ant1_5260



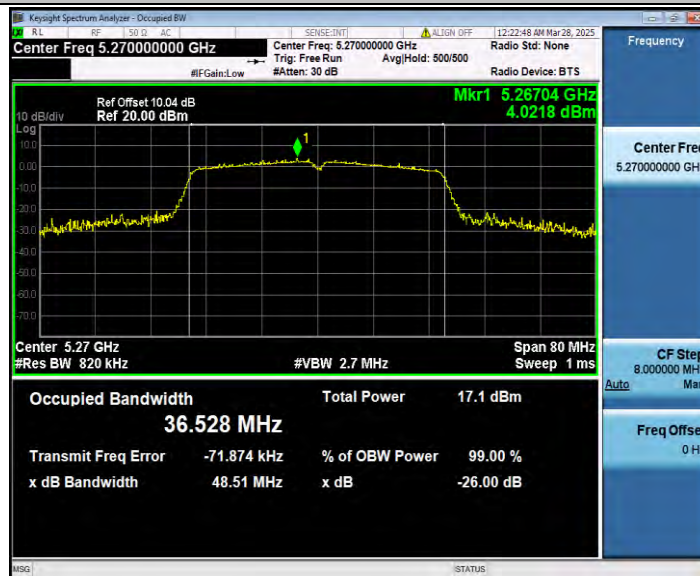
11AC20SISO_Ant1_5280



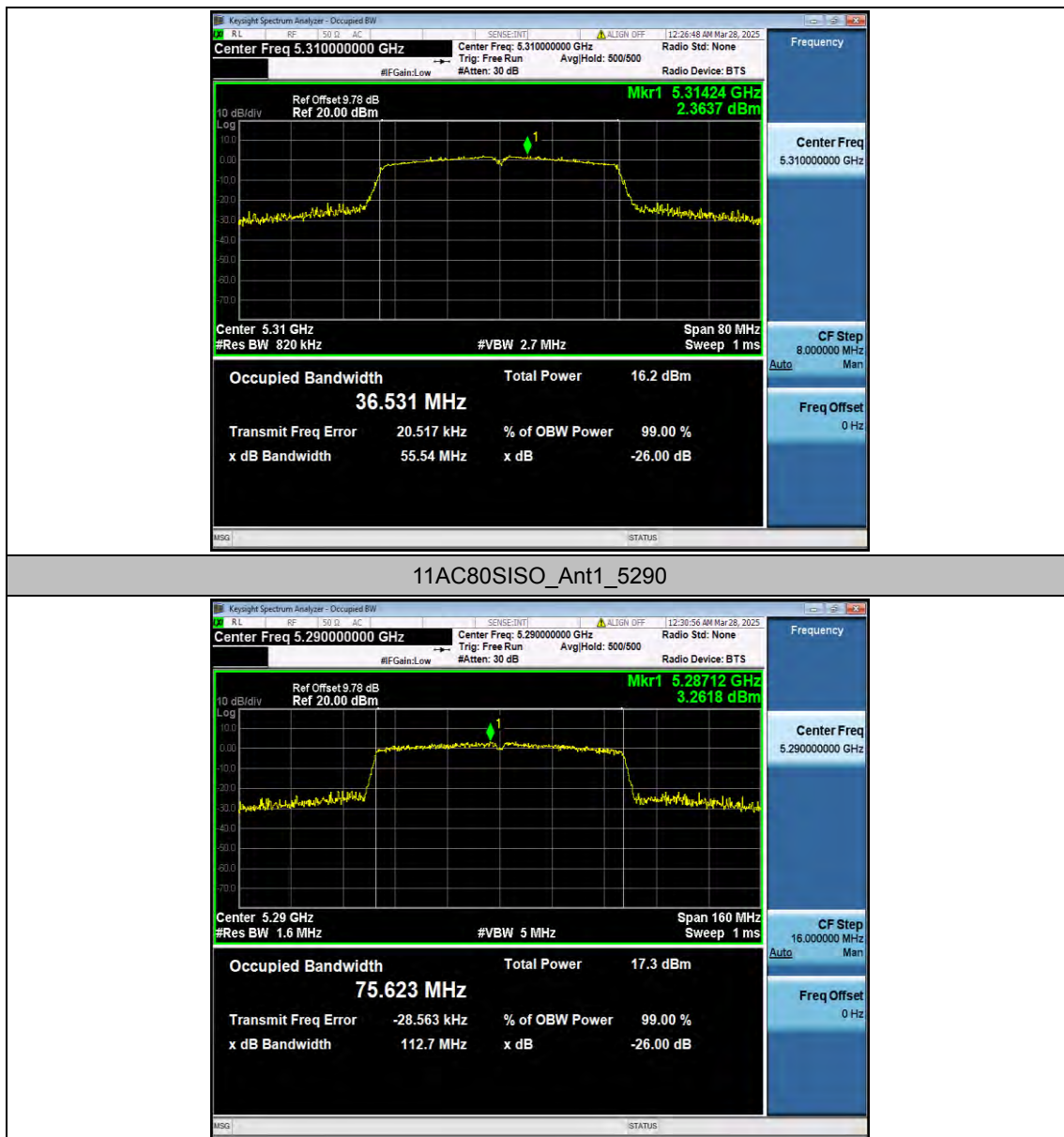
11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



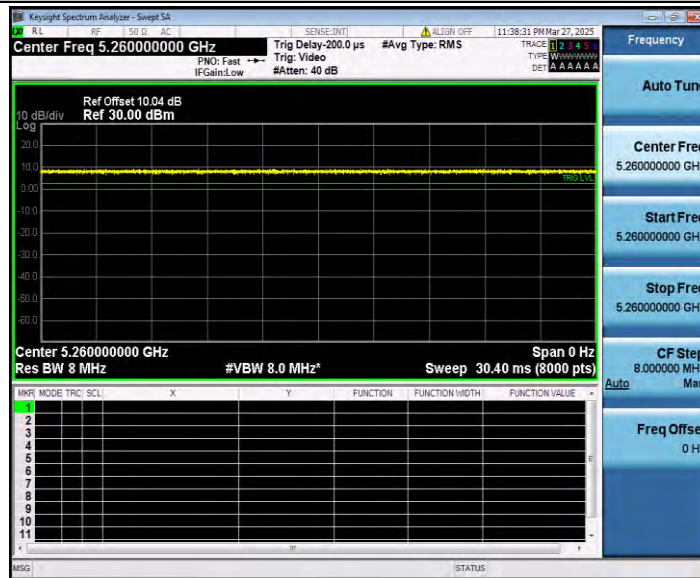
Appendix E.3: Duty Cycle

Test Result

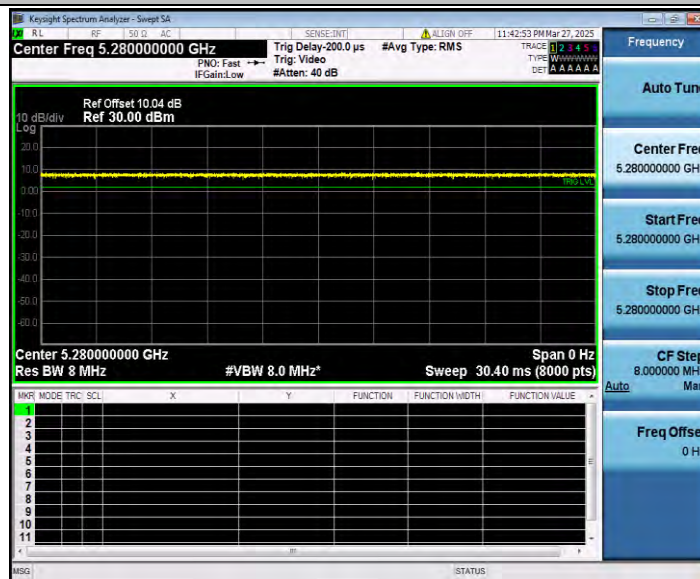
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	30.00	30.00	100.00	0.00	0.03
		5280	30.00	30.00	100.00	0.00	0.03
		5320	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5260	30.00	30.00	100.00	0.00	0.03
		5280	30.00	30.00	100.00	0.00	0.03
		5320	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant1	5270	30.00	30.00	100.00	0.00	0.03
		5310	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant1	5260	30.00	30.00	100.00	0.00	0.03
		5280	30.00	30.00	100.00	0.00	0.03
		5320	30.00	30.00	100.00	0.00	0.03
11AC40SISO	Ant1	5270	30.00	30.00	100.00	0.00	0.03
		5310	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant1	5290	30.00	30.00	100.00	0.00	0.03

Test Graphs

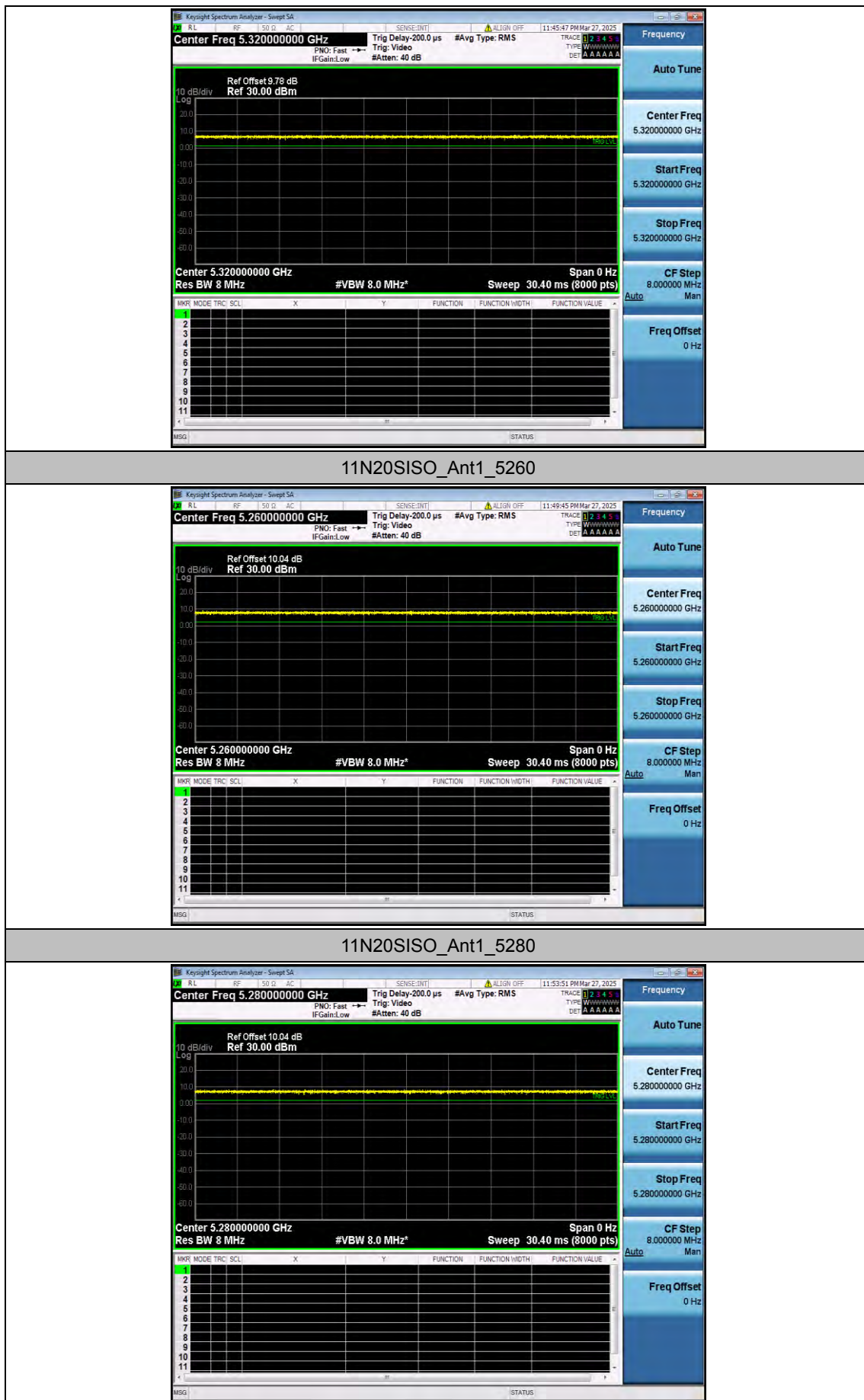
11A_Ant1_5260



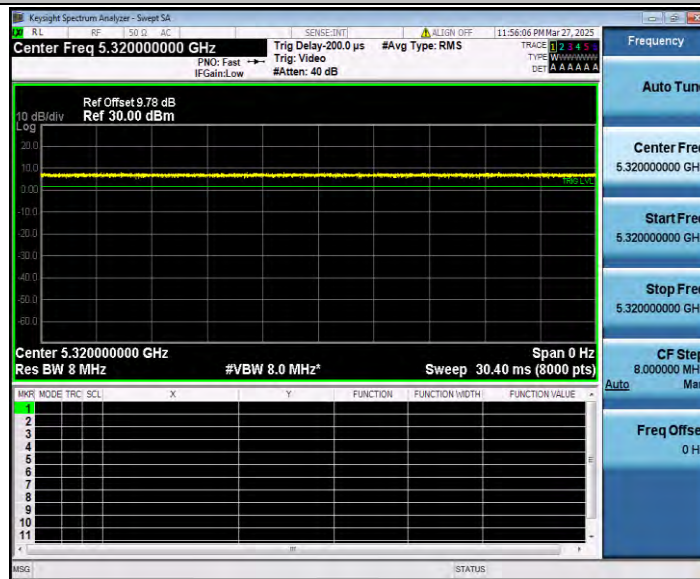
11A_Ant1_5280



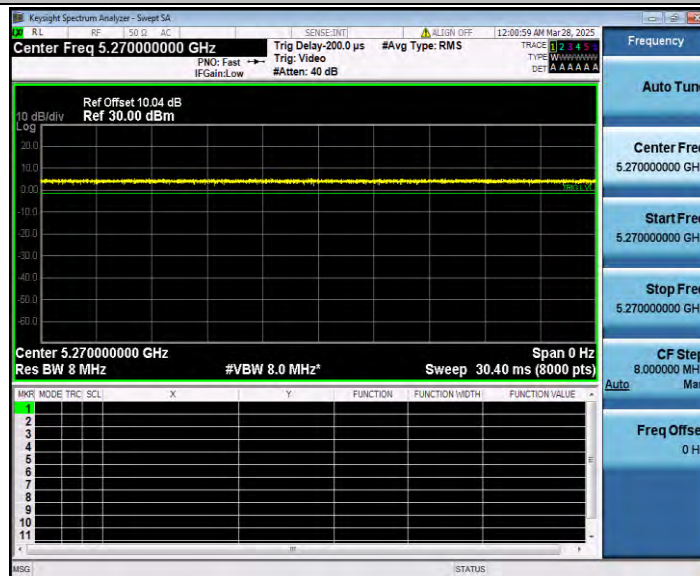
11A_Ant1_5320



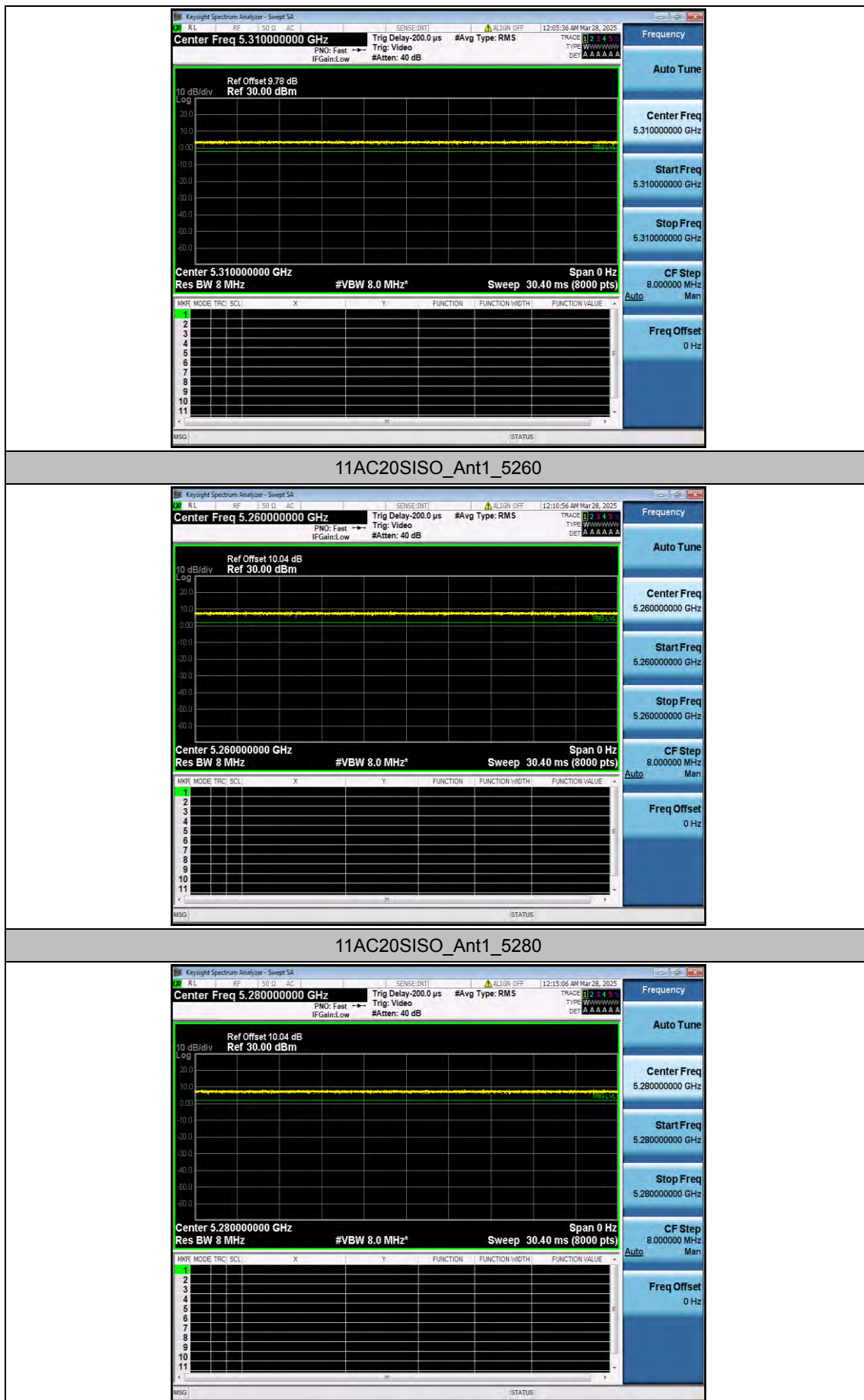
11N20SISO_Ant1_5320



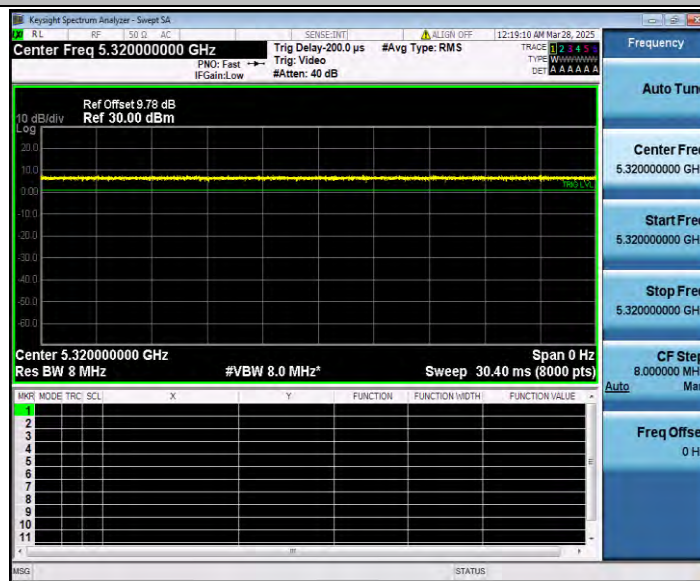
11N40SISO_Ant1_5270



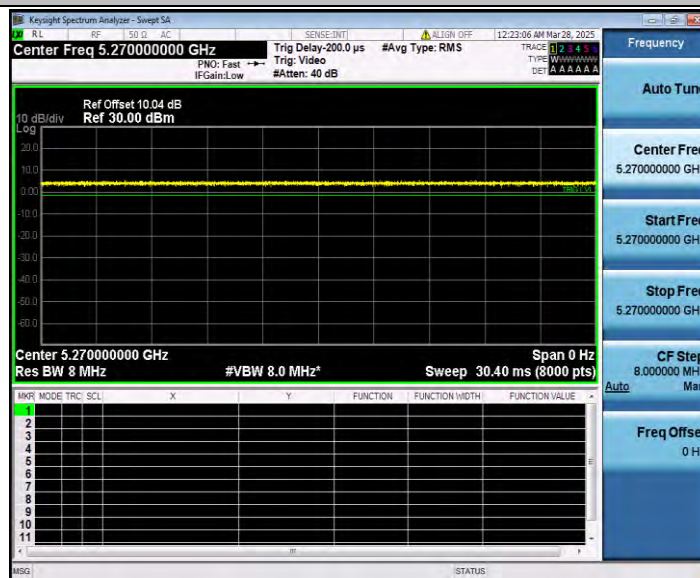
11N40SISO_Ant1_5310



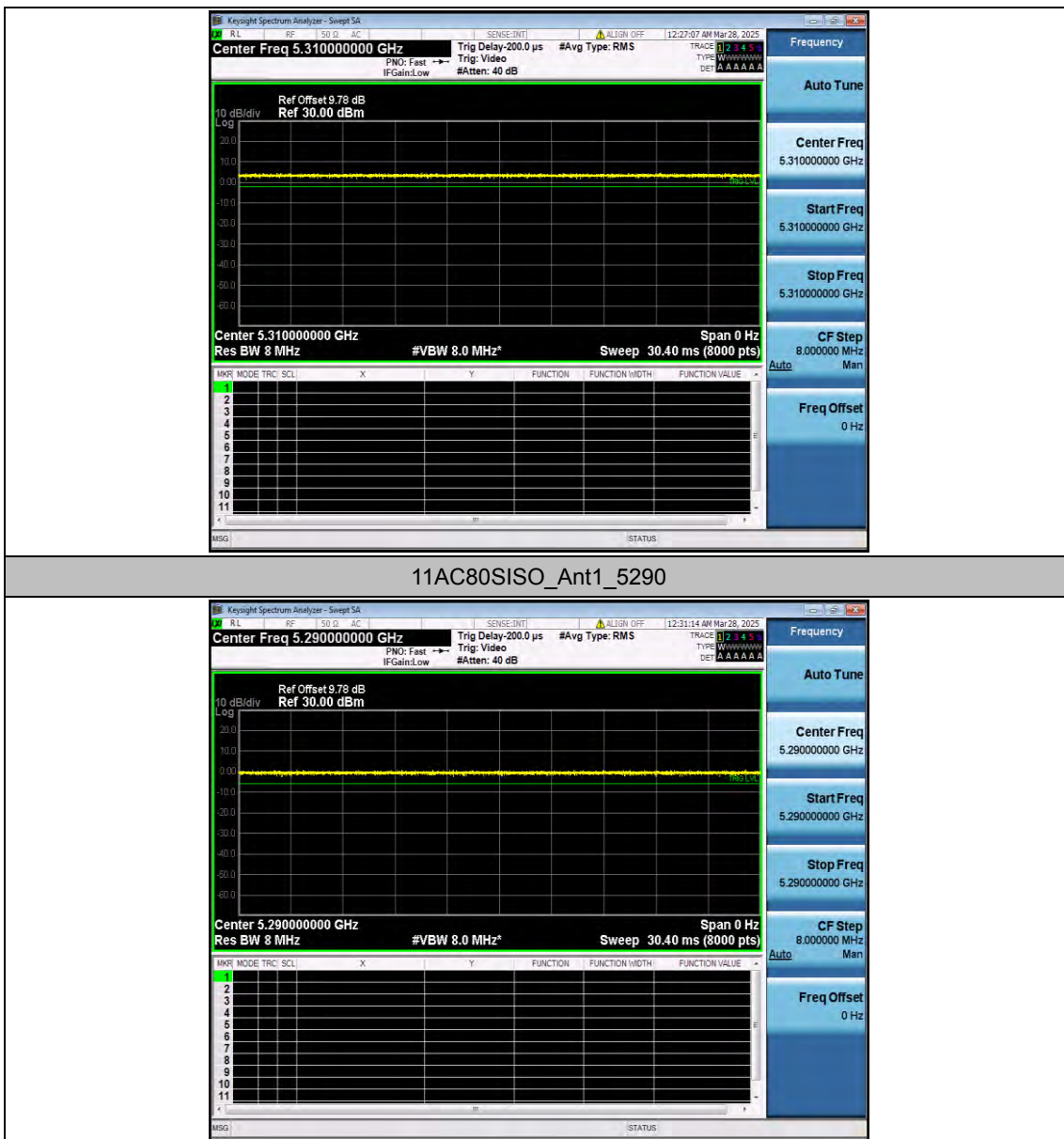
11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



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	10.53	100.00	0.00	10.53	≤23.98	PASS
		5280	10.04	100.00	0.00	10.04	≤23.98	PASS
		5320	9.18	100.00	0.00	9.18	≤23.98	PASS
11N20SISO	Ant1	5260	10.56	100.00	0.00	10.56	≤23.98	PASS
		5280	9.94	100.00	0.00	9.94	≤23.98	PASS
		5320	9.51	100.00	0.00	9.51	≤23.98	PASS
11N40SISO	Ant1	5270	9.64	100.00	0.00	9.64	≤23.98	PASS
		5310	8.88	100.00	0.00	8.88	≤23.98	PASS
11AC20SISO	Ant1	5260	10.10	100.00	0.00	10.10	≤23.98	PASS
		5280	9.96	100.00	0.00	9.96	≤23.98	PASS
		5320	9.05	100.00	0.00	9.05	≤23.98	PASS
11AC40SISO	Ant1	5270	9.66	100.00	0.00	9.66	≤23.98	PASS
		5310	8.90	100.00	0.00	8.90	≤23.98	PASS
11AC80SISO	Ant1	5290	8.38	100.00	0.00	8.38	≤23.98	PASS

Appendix E.5: Maximum power spectral density

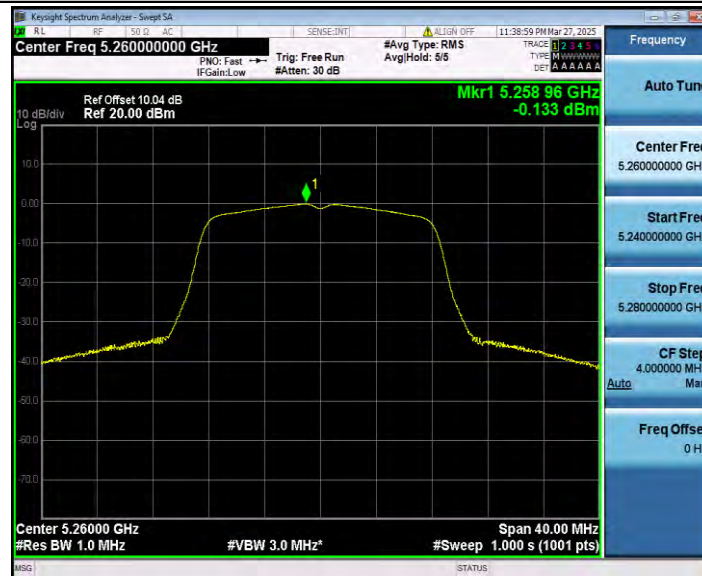
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5260	-0.13	≤11.00	PASS
		5280	-0.64	≤11.00	PASS
		5320	-1.51	≤11.00	PASS
11N20SISO	Ant1	5260	-0.25	≤11.00	PASS
		5280	-0.93	≤11.00	PASS
		5320	-1.37	≤11.00	PASS
11N40SISO	Ant1	5270	-3.90	≤11.00	PASS
		5310	-4.72	≤11.00	PASS
11AC20SISO	Ant1	5260	-0.74	≤11.00	PASS
		5280	-0.90	≤11.00	PASS
		5320	-1.77	≤11.00	PASS
11AC40SISO	Ant1	5270	-3.91	≤11.00	PASS
		5310	-4.71	≤11.00	PASS
11AC80SISO	Ant1	5290	-8.68	≤11.00	PASS

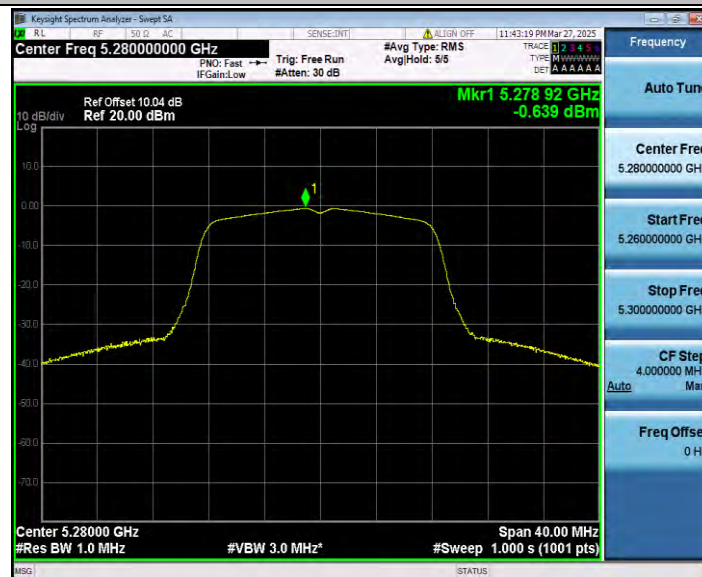
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11A_Ant1_5260



11A_Ant1_5280



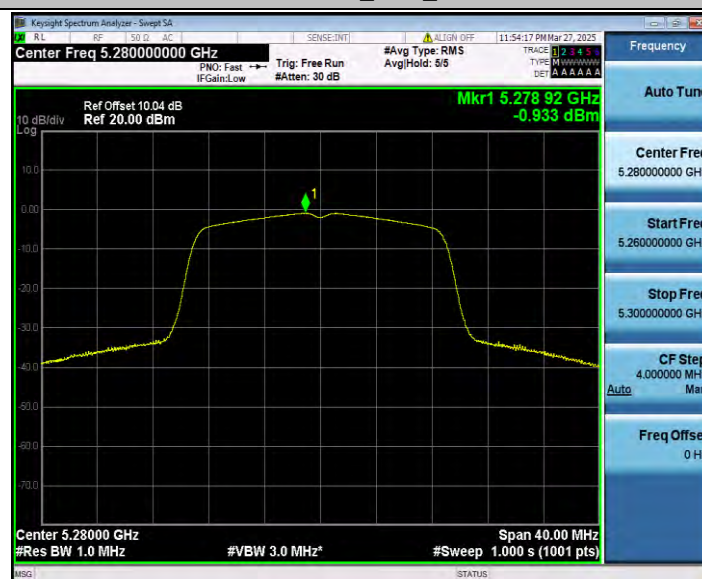
11A_Ant1_5320



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



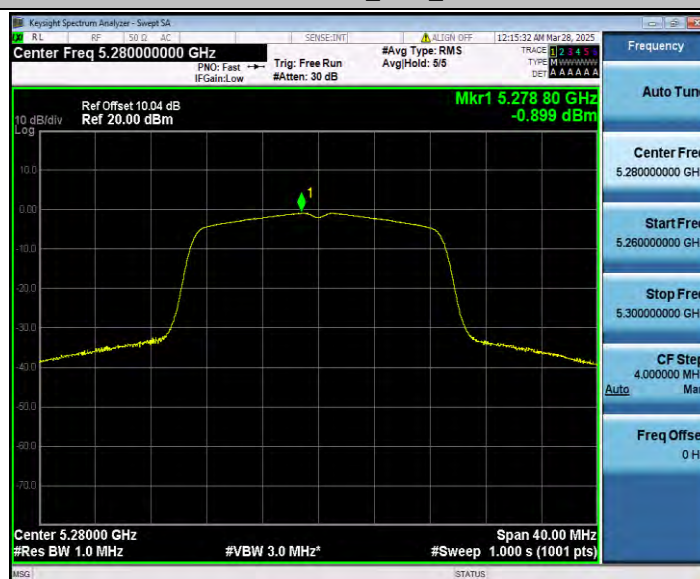
11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310

