

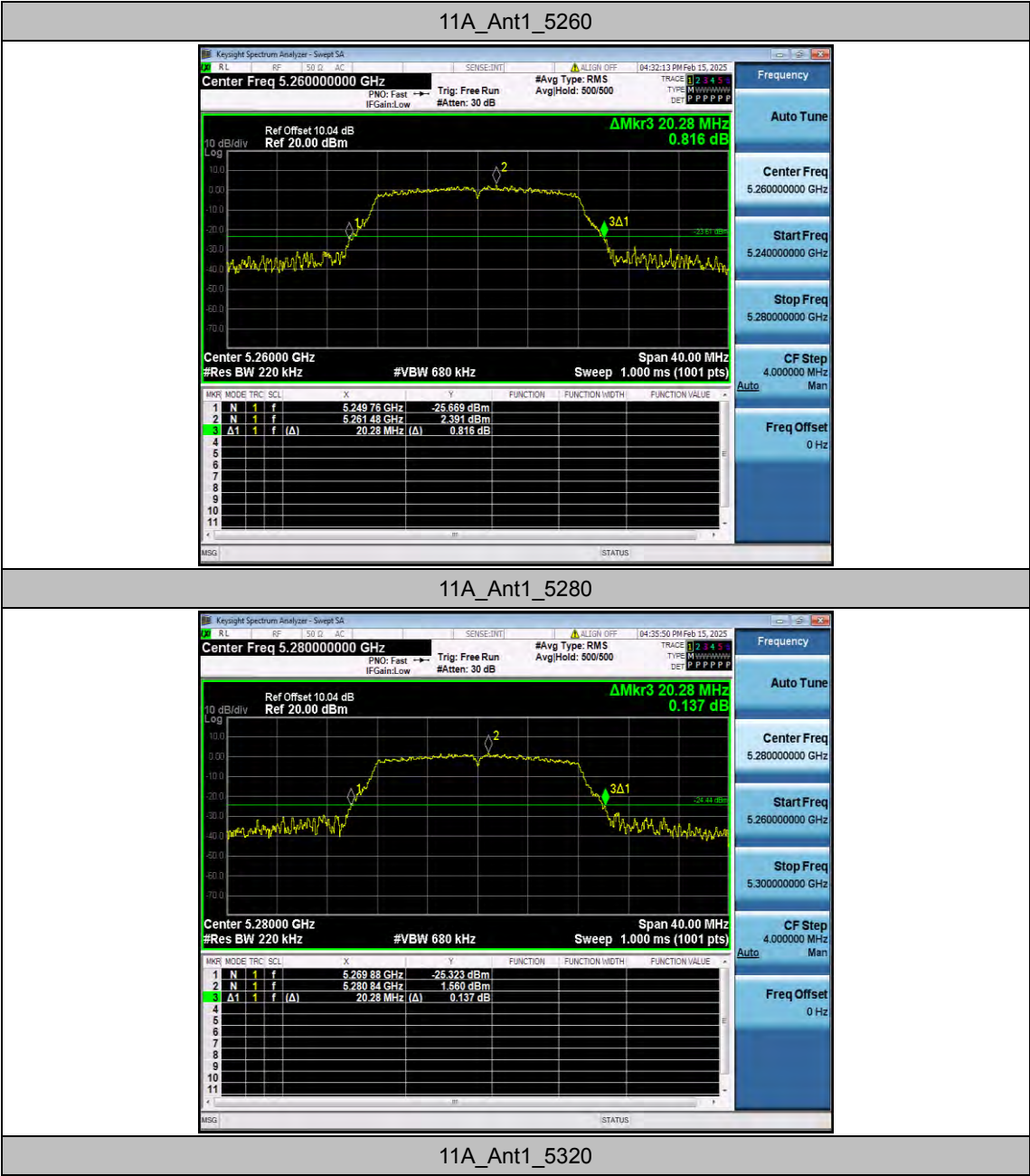
Case No. : <u>GTS20250116009-1-04</u>	
Ambient Condition: <u>23</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.2.15</u>	Test Engineer: <u>Evan ouyang</u>

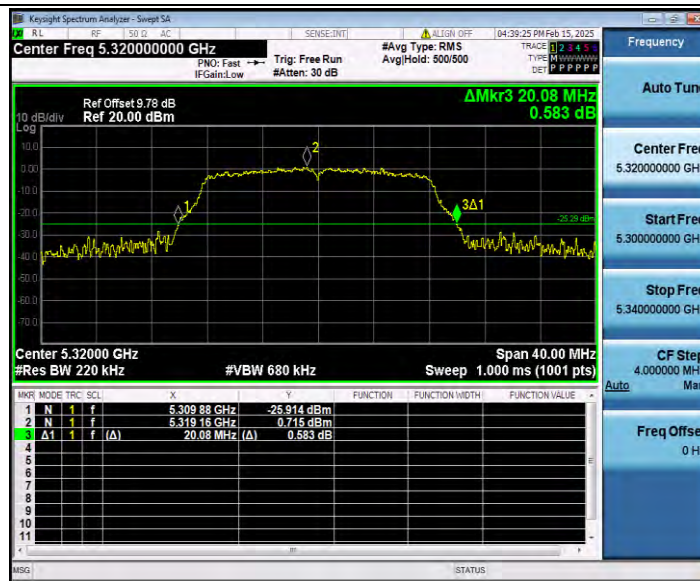
Appendix E.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	20.280	5249.760	5270.040	---	---
		5280	20.280	5269.880	5290.160	---	---
		5320	20.080	5309.880	5329.960	---	---
11N20SISO	Ant1	5260	20.160	5249.960	5270.120	---	---
		5280	21.480	5268.640	5290.120	---	---
		5320	23.520	5307.800	5331.320	---	---
11N40SISO	Ant1	5270	40.320	5249.840	5290.160	---	---
		5310	40.480	5289.840	5330.320	---	---
11AC20SISO	Ant1	5260	20.400	5249.760	5270.160	---	---
		5280	20.520	5269.720	5290.240	---	---
		5320	20.160	5310.000	5330.160	---	---
11AC40SISO	Ant1	5270	40.640	5249.520	5290.160	---	---
		5310	40.400	5289.920	5330.320	---	---
11AC80SISO	Ant1	5290	81.280	5249.040	5330.320	---	---

Test Graphs

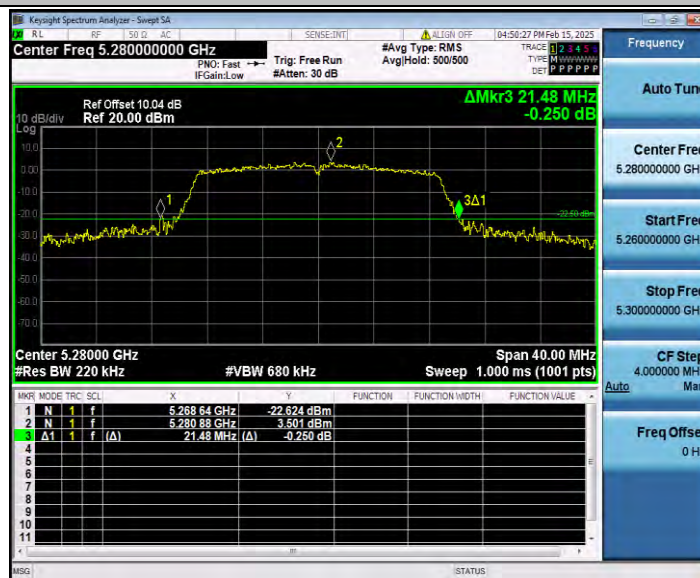




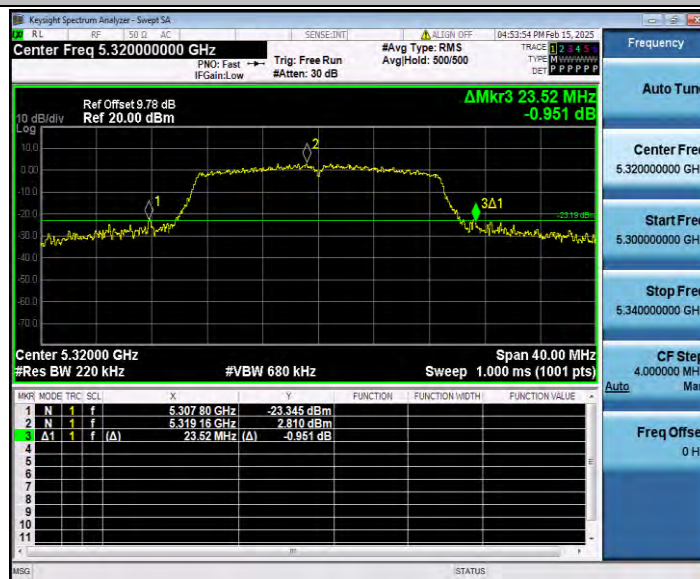
11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



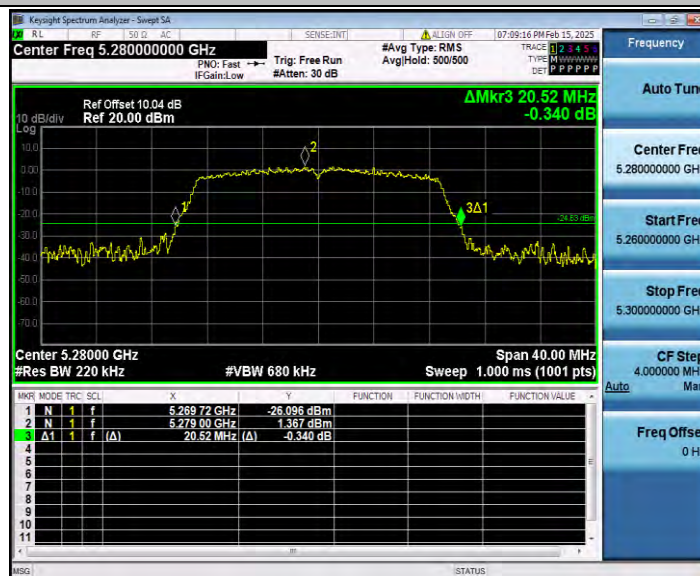
11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



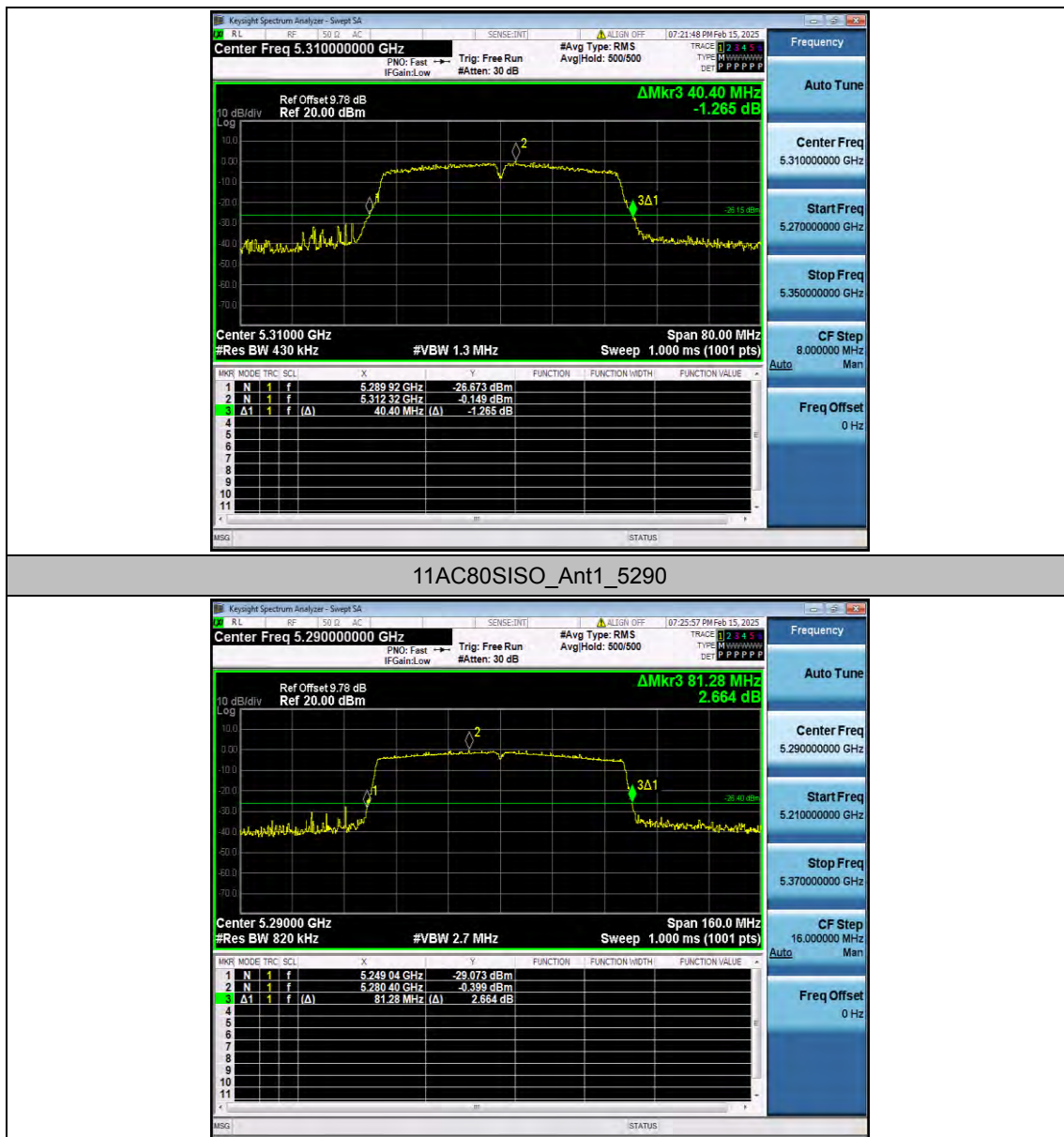
11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310

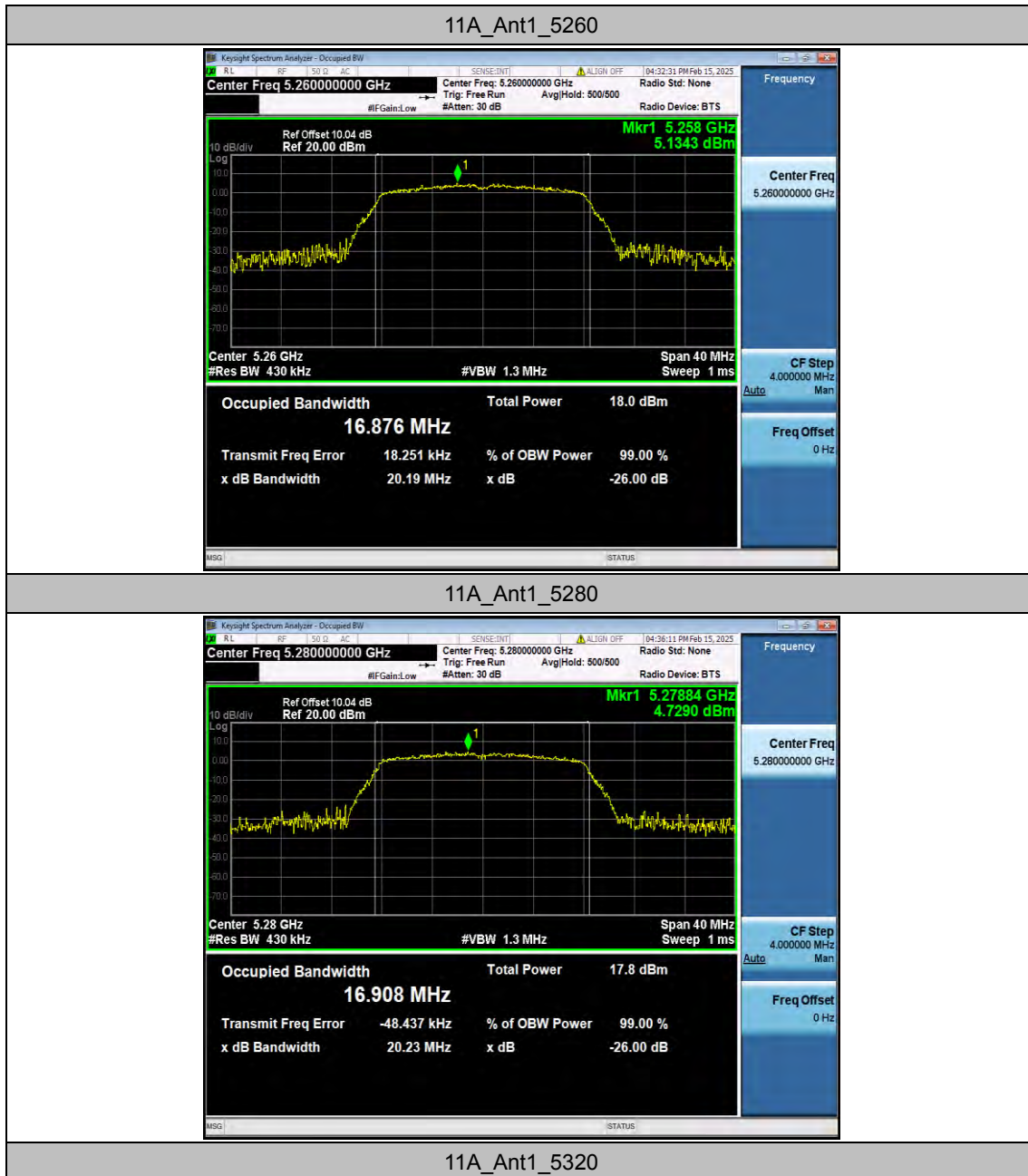


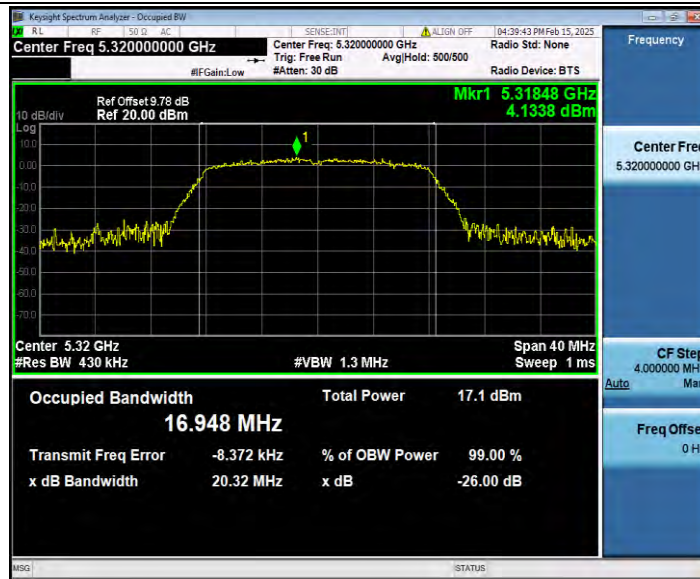
Appendix E.2: Occupied channel bandwidth

Test Result

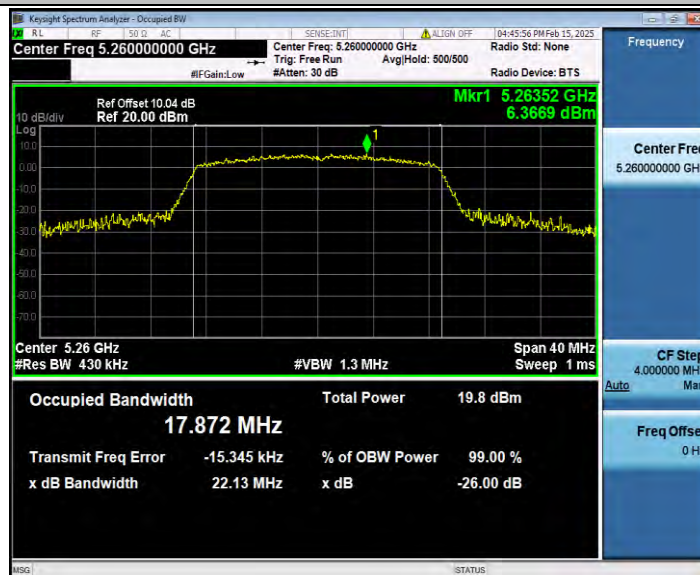
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	16.876	5251.5803	5268.4563	---	---
		5280	16.908	5271.4976	5288.4056	---	---
		5320	16.948	5311.5176	5328.4656	---	---
11N20SISO	Ant1	5260	17.872	5251.0487	5268.9207	---	---
		5280	17.975	5270.9683	5288.9433	---	---
		5320	18.020	5310.9749	5328.9949	---	---
11N40SISO	Ant1	5270	36.281	5251.8154	5288.0964	---	---
		5310	36.243	5291.8780	5328.1210	---	---
11AC20SISO	Ant1	5260	17.869	5251.0664	5268.9354	---	---
		5280	17.822	5271.0399	5288.8619	---	---
		5320	17.878	5311.0526	5328.9306	---	---
11AC40SISO	Ant1	5270	36.251	5251.8389	5288.0899	---	---
		5310	36.288	5291.8439	5328.1319	---	---
11AC80SISO	Ant1	5290	75.149	5252.3325	5327.4815	---	---

Test Graphs

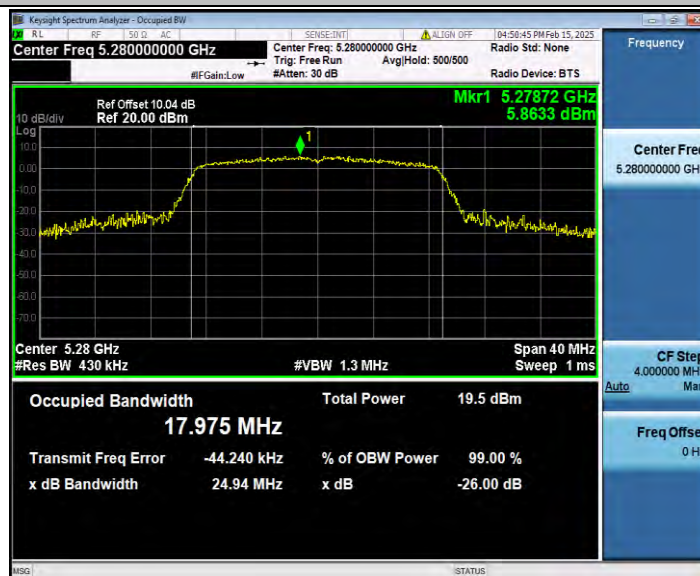




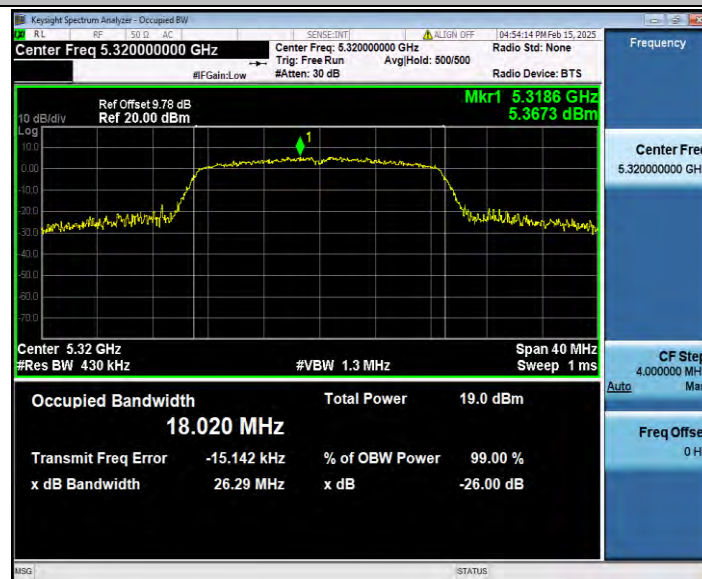
11N20SISO_Ant1_5260



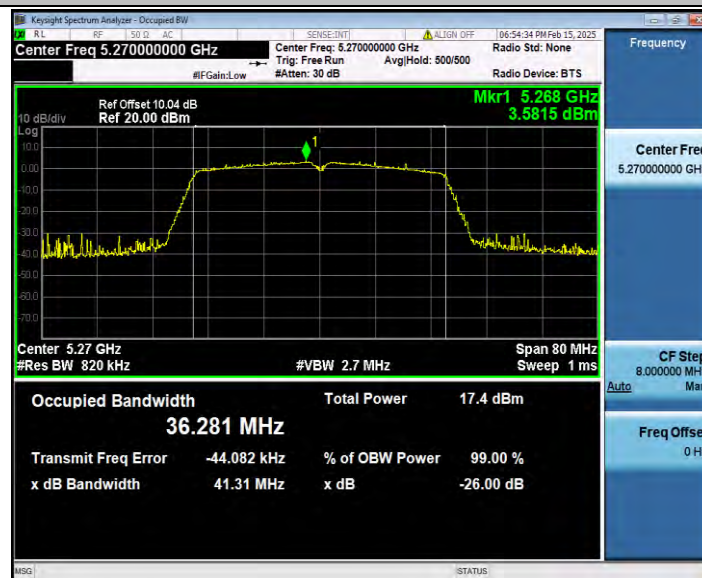
11N20SISO_Ant1_5280



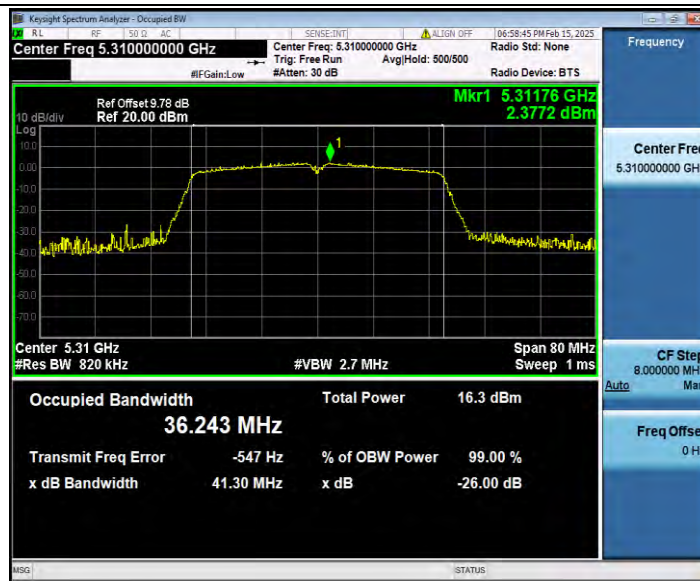
11N20SISO_Ant1_5320



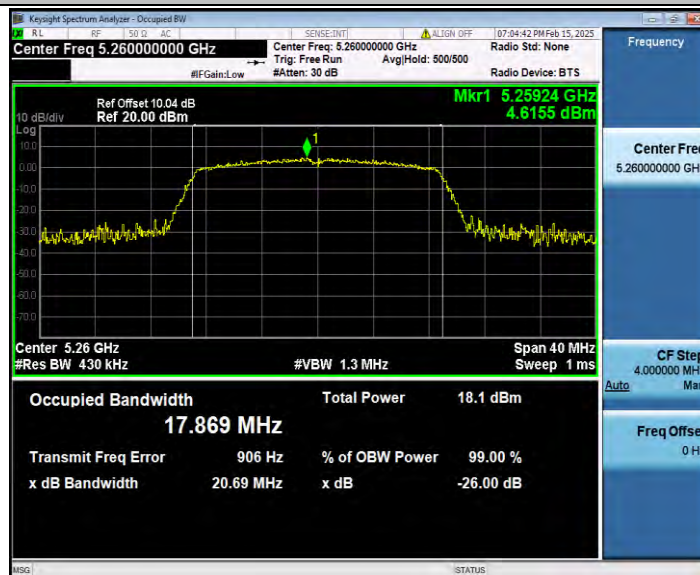
11N40SISO_Ant1_5270



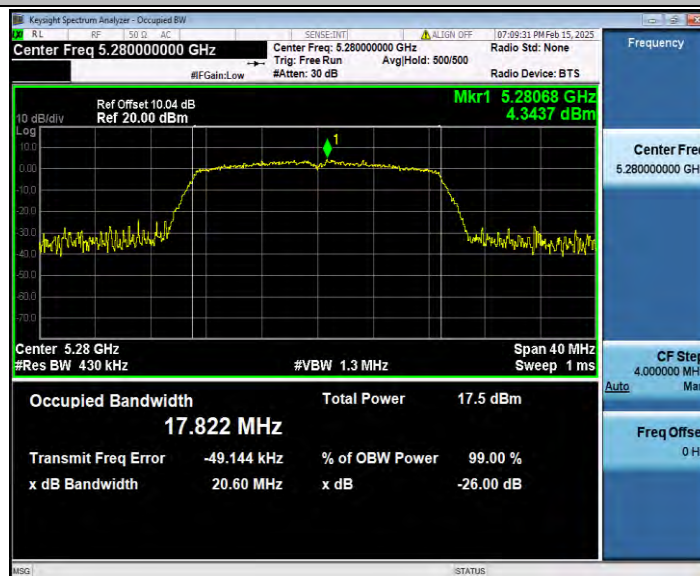
11N40SISO_Ant1_5310



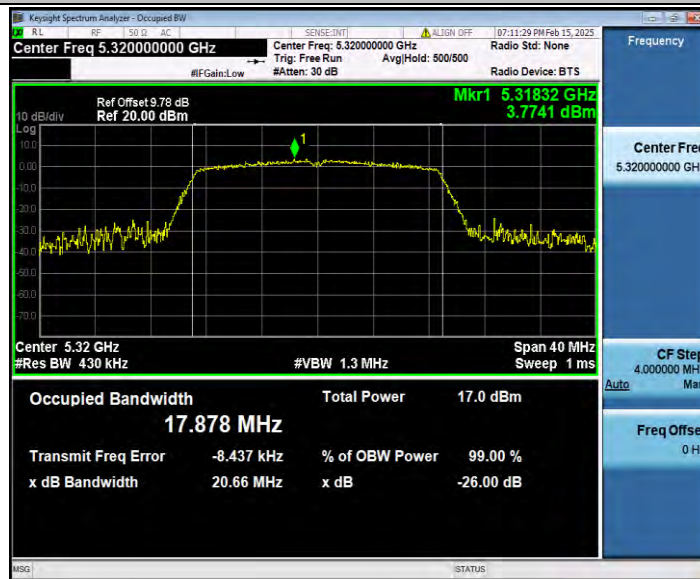
11AC20SISO_Ant1_5260



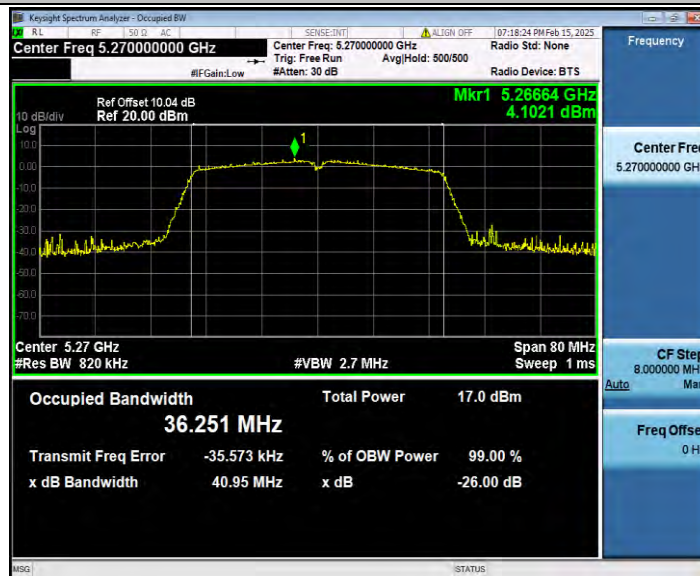
11AC20SISO_Ant1_5280



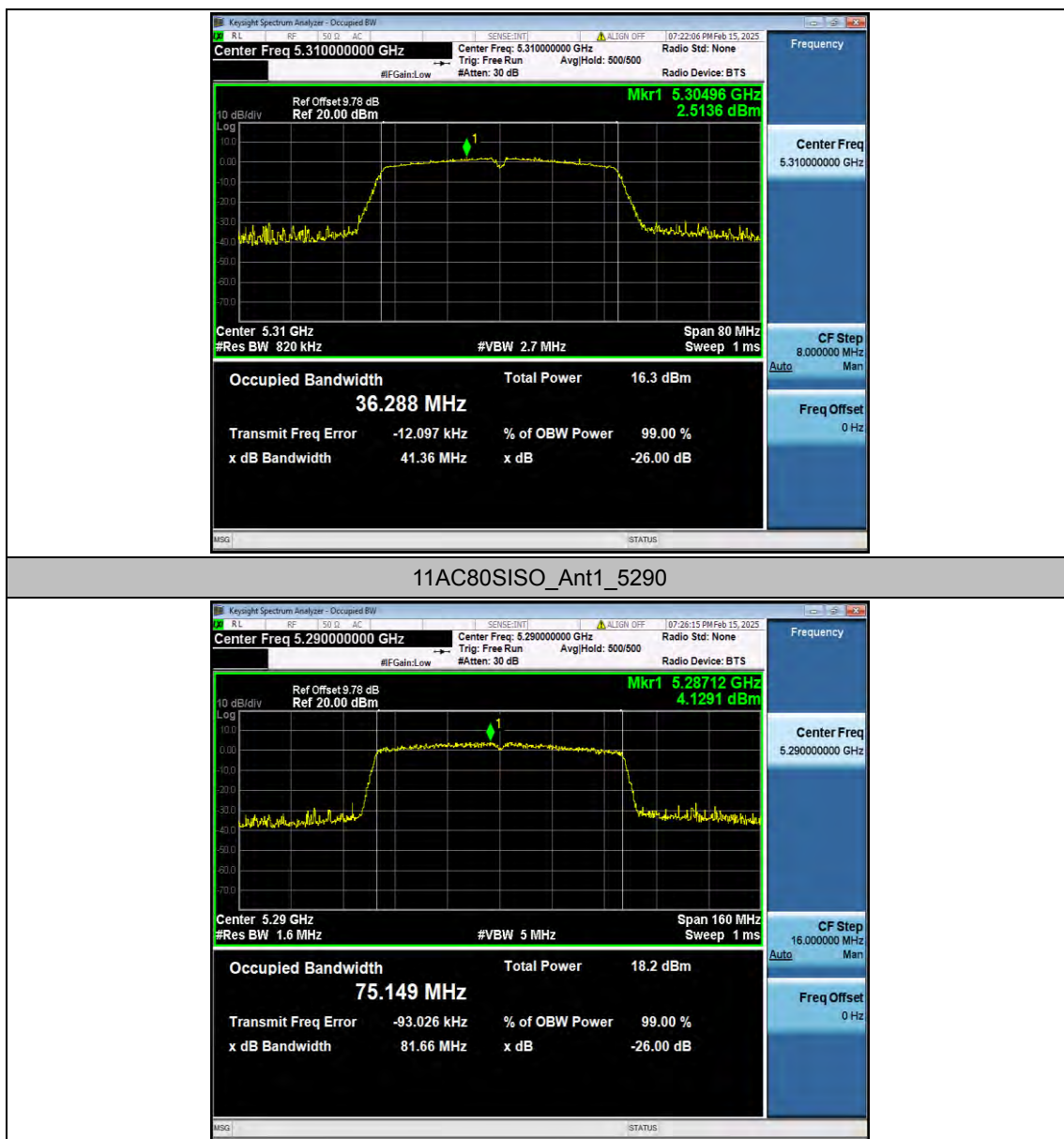
11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310

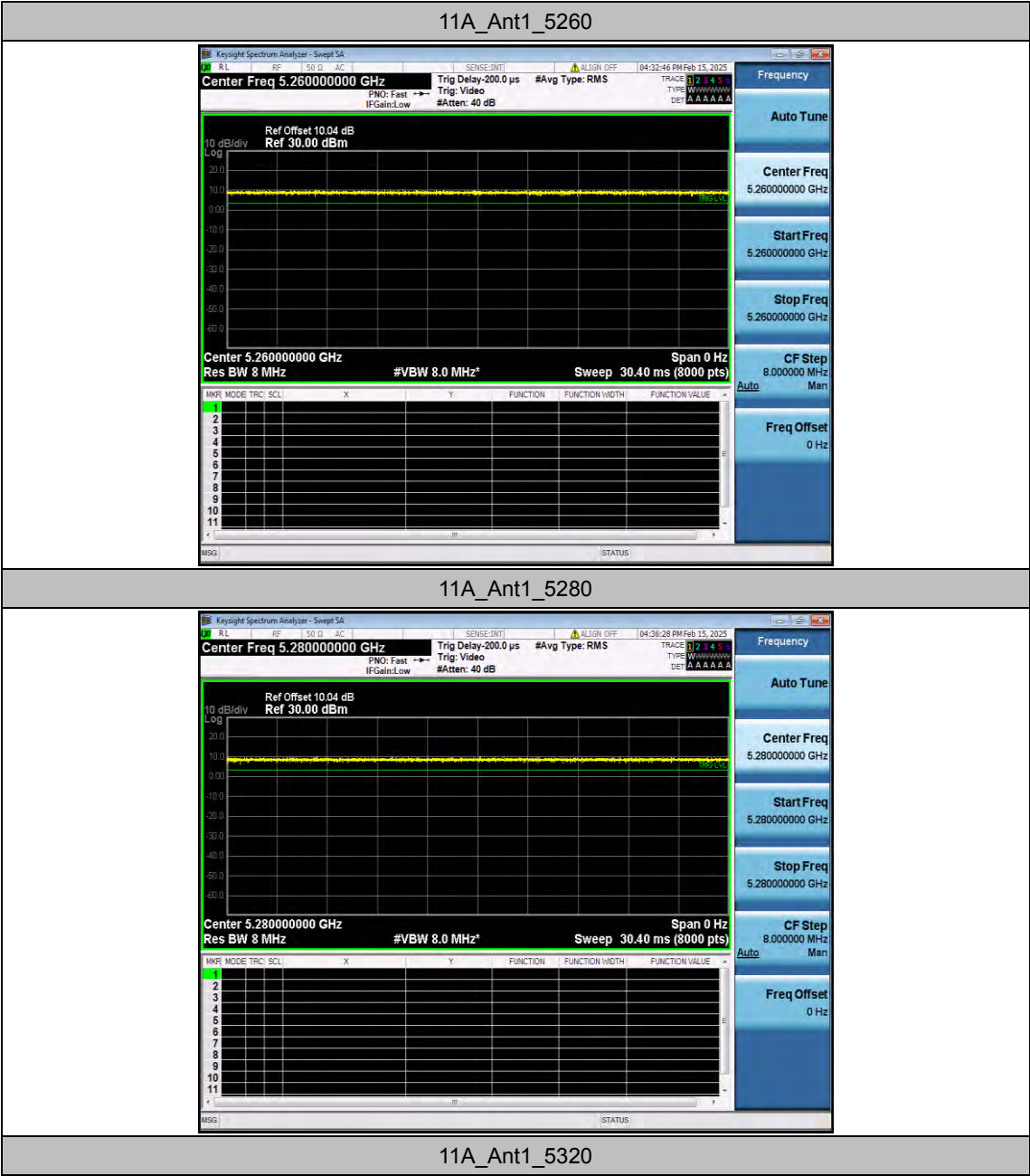


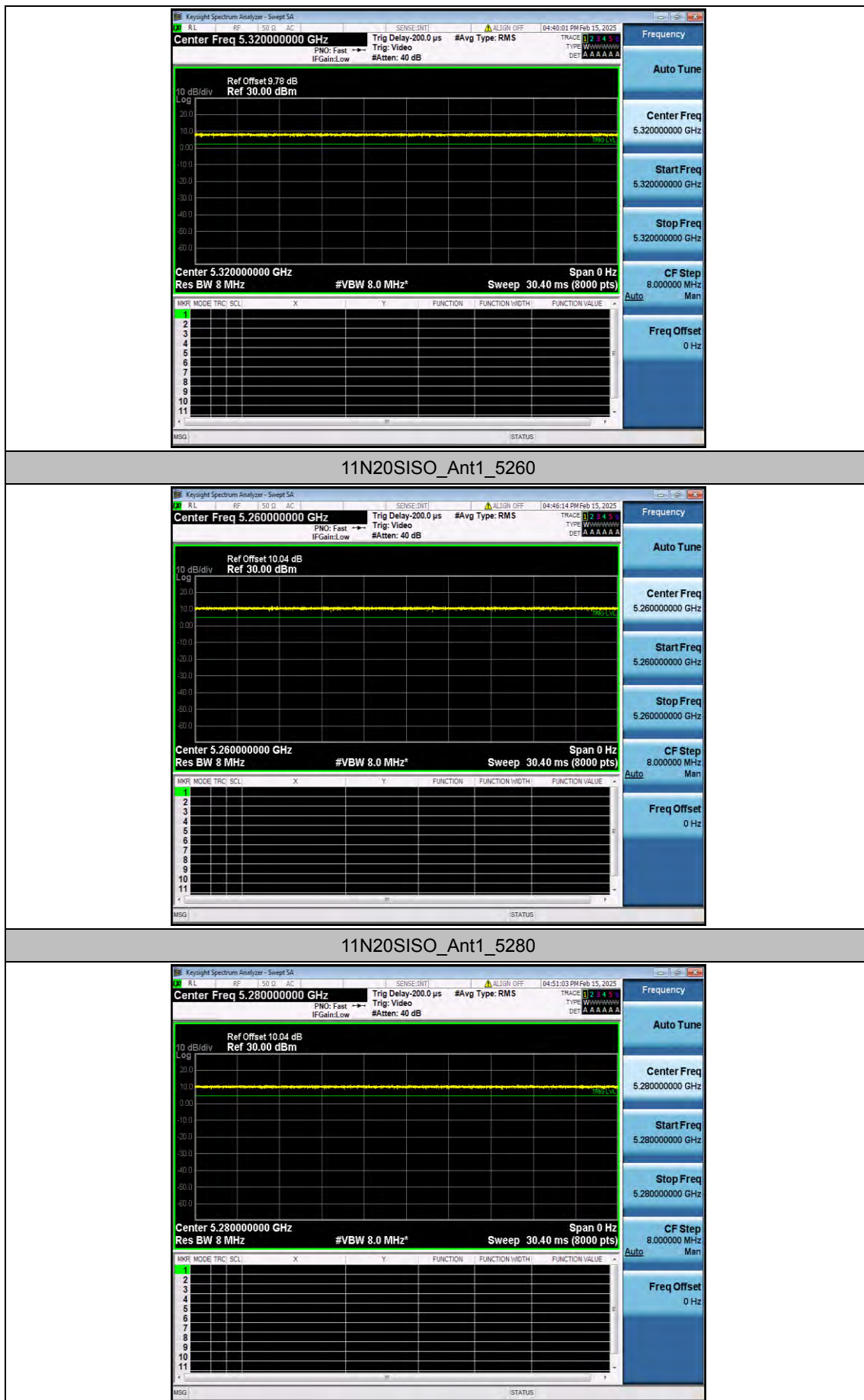
Appendix E.3: Duty Cycle

Test Result

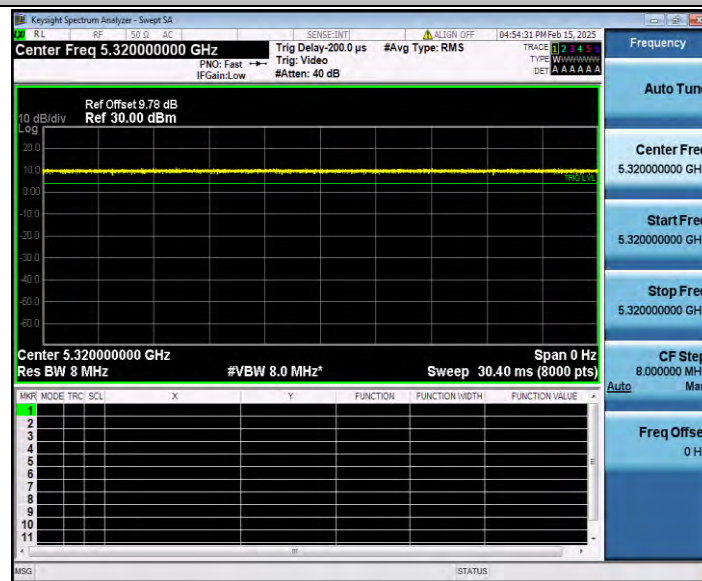
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	30.00	30.00	100.00	0.00	0.03
		5280	30.00	30.00	100.00	0.00	0.03
		5320	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5260	30.00	30.00	100.00	0.00	0.03
		5280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

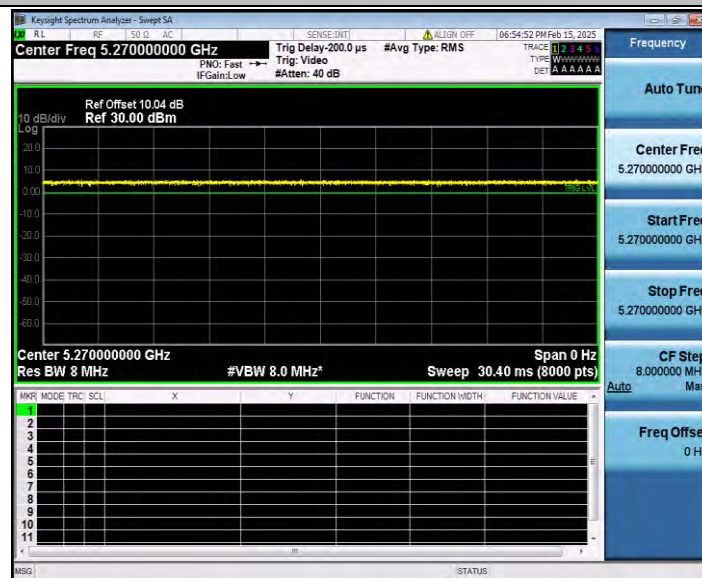




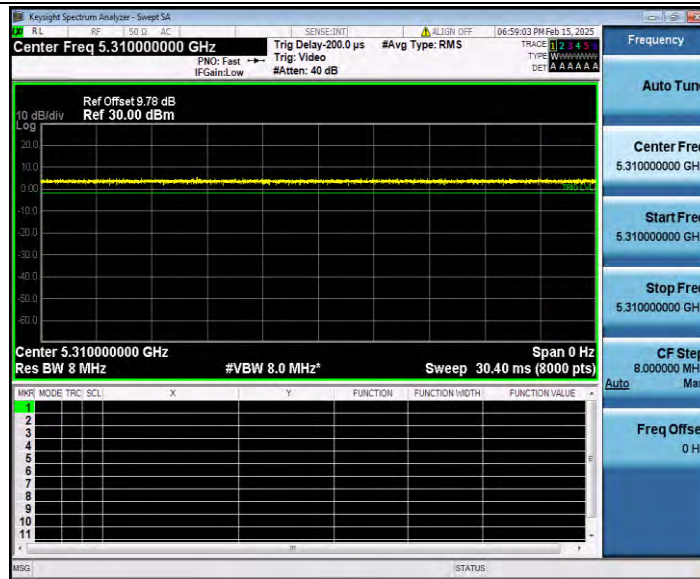
11N20SISO_Ant1_5320



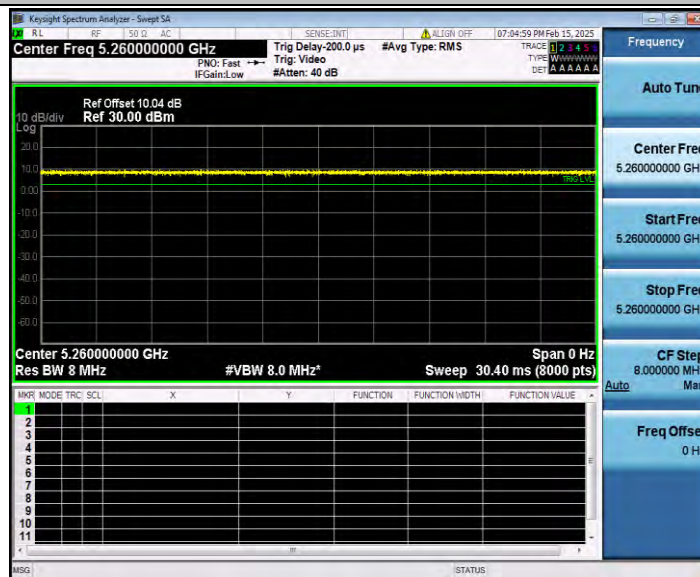
11N40SISO_Ant1_5270



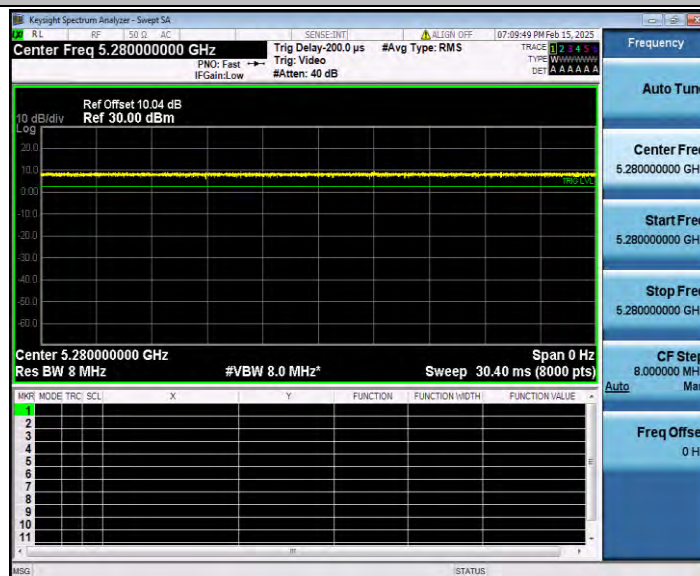
11N40SISO_Ant1_5310



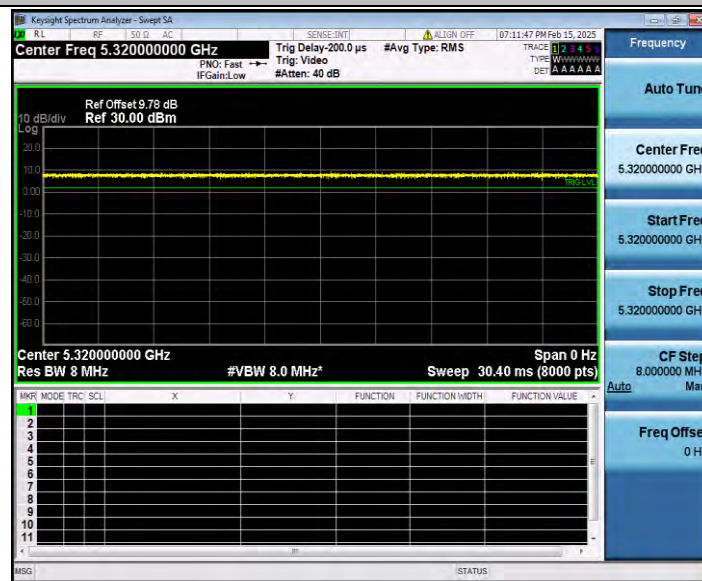
11AC20SISO_Ant1_5260



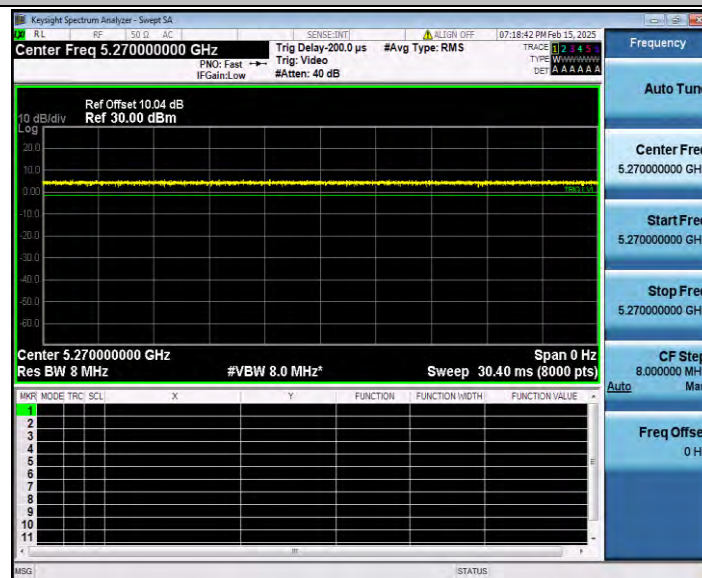
11AC20SISO_Ant1_5280



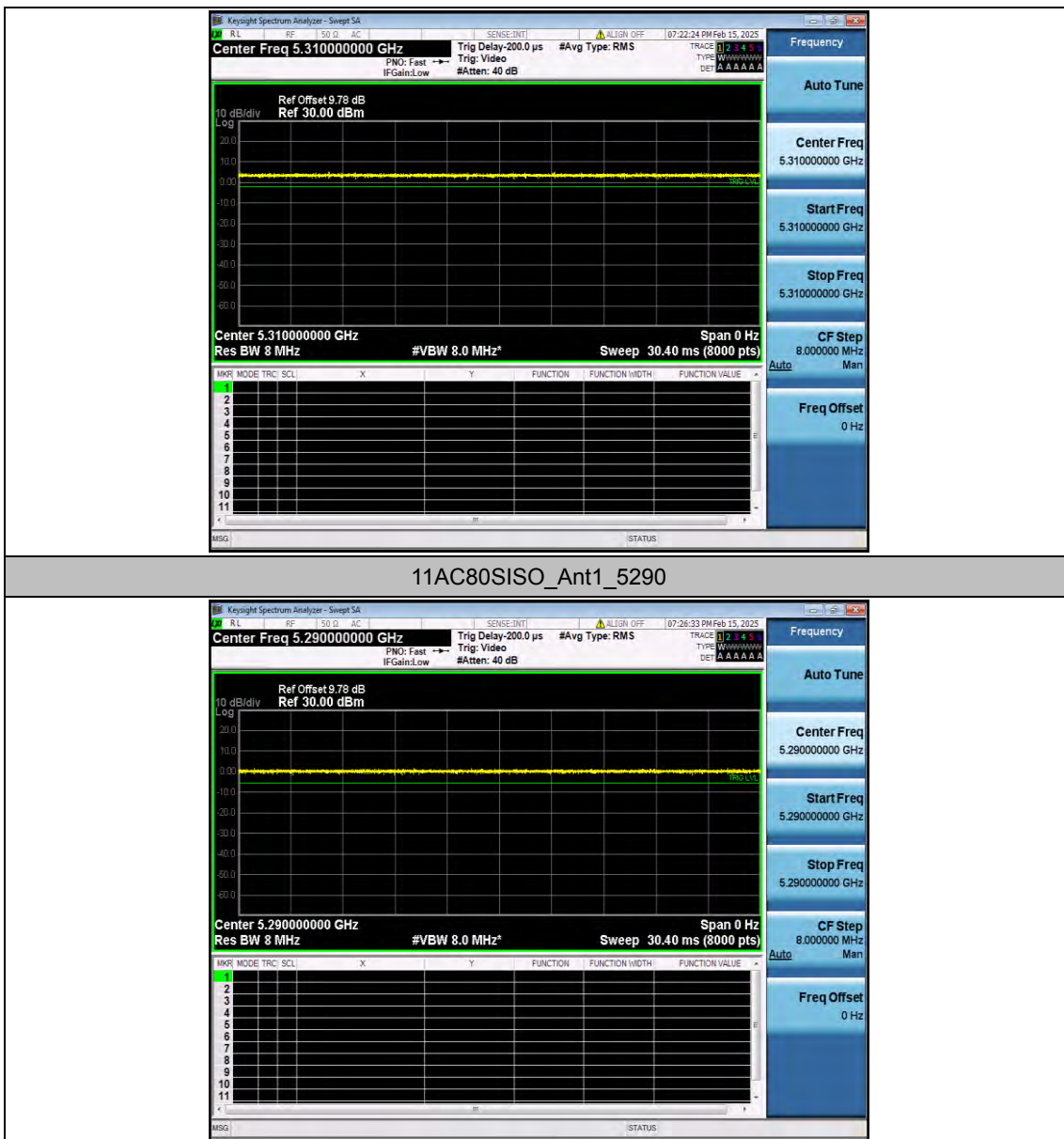
11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



Appendix E.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	11.19	100.00	0.00	11.19	≤23.98	PASS
		5280	10.96	100.00	0.00	10.96	≤23.98	PASS
		5320	10.27	100.00	0.00	10.27	≤23.98	PASS
11N20SISO	Ant1	5260	13.00	100.00	0.00	13.00	≤23.98	PASS
		5280	12.71	100.00	0.00	12.71	≤23.98	PASS
		5320	12.21	100.00	0.00	12.21	≤23.98	PASS
11N40SISO	Ant1	5270	9.97	100.00	0.00	9.97	≤23.98	PASS
		5310	9.02	100.00	0.00	9.02	≤23.98	PASS
11AC20SISO	Ant1	5260	11.24	100.00	0.00	11.24	≤23.98	PASS
		5280	10.71	100.00	0.00	10.71	≤23.98	PASS
		5320	10.29	100.00	0.00	10.29	≤23.98	PASS
11AC40SISO	Ant1	5270	9.64	100.00	0.00	9.64	≤23.98	PASS
		5310	8.87	100.00	0.00	8.87	≤23.98	PASS
11AC80SISO	Ant1	5290	9.17	100.00	0.00	9.17	≤23.98	PASS

Appendix E.5: Maximum power spectral density

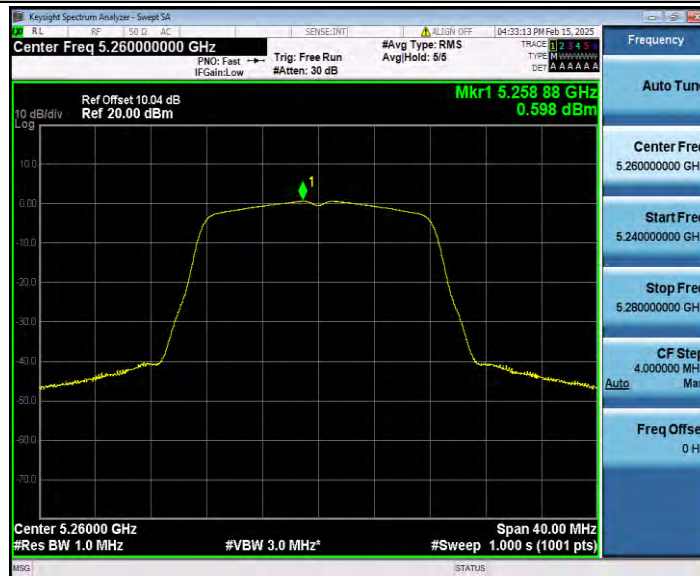
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5260	0.60	≤11.00	PASS
		5280	0.44	≤11.00	PASS
		5320	-0.25	≤11.00	PASS
11N20SISO	Ant1	5260	2.30	≤11.00	PASS
		5280	2.02	≤11.00	PASS
		5320	1.42	≤11.00	PASS
11N40SISO	Ant1	5270	-3.45	≤11.00	PASS
		5310	-4.43	≤11.00	PASS
11AC20SISO	Ant1	5260	0.43	≤11.00	PASS
		5280	-0.03	≤11.00	PASS
		5320	-0.53	≤11.00	PASS
11AC40SISO	Ant1	5270	-3.69	≤11.00	PASS
		5310	-4.65	≤11.00	PASS
11AC80SISO	Ant1	5290	-7.95	≤11.00	PASS

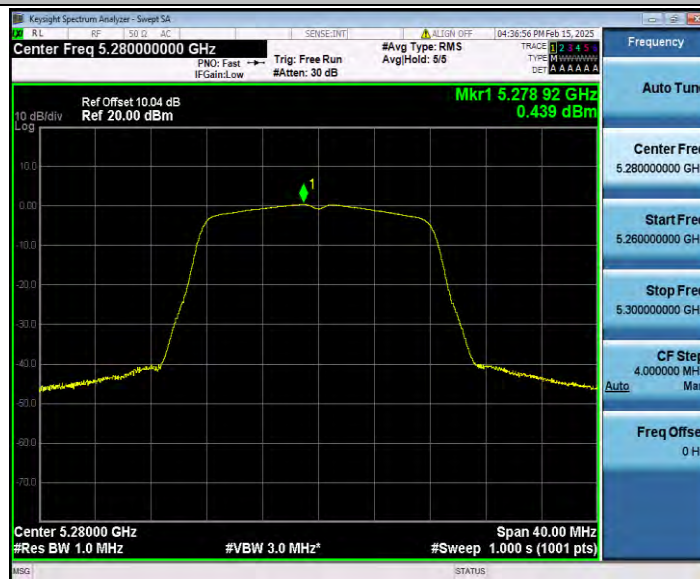
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11A_Ant1_5260



11A_Ant1_5280



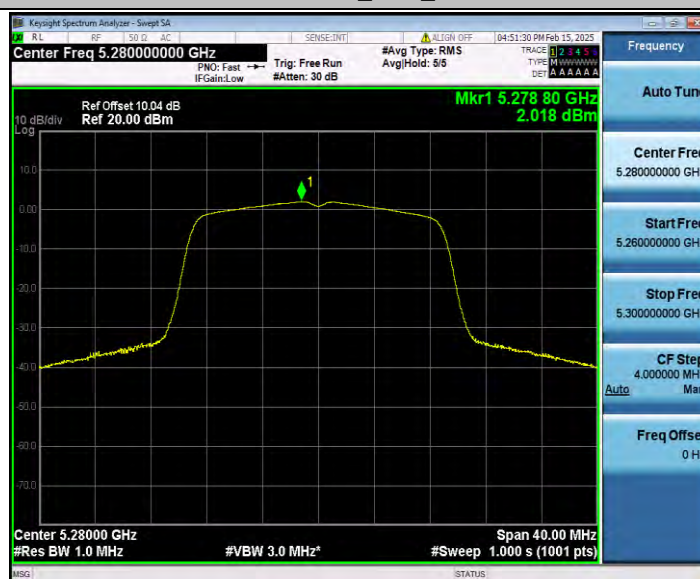
11A_Ant1_5320



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



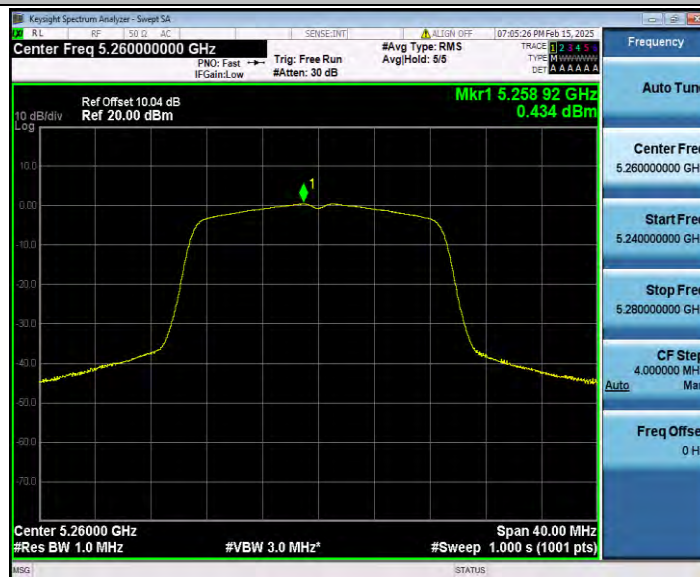
11N40SISO_Ant1_5270



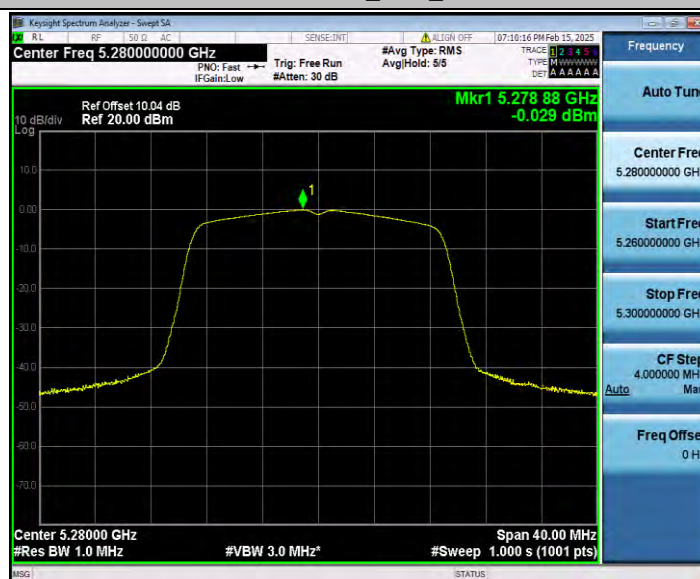
11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310

