

Case No. : <u>GTS20250313007-8-04</u>	
Ambient Condition: <u>22</u> °C, <u>49</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.4.1</u>	Test Engineer: <u>Evan ouyang</u>

Appendix F.1: Emission Bandwidth

Test Result

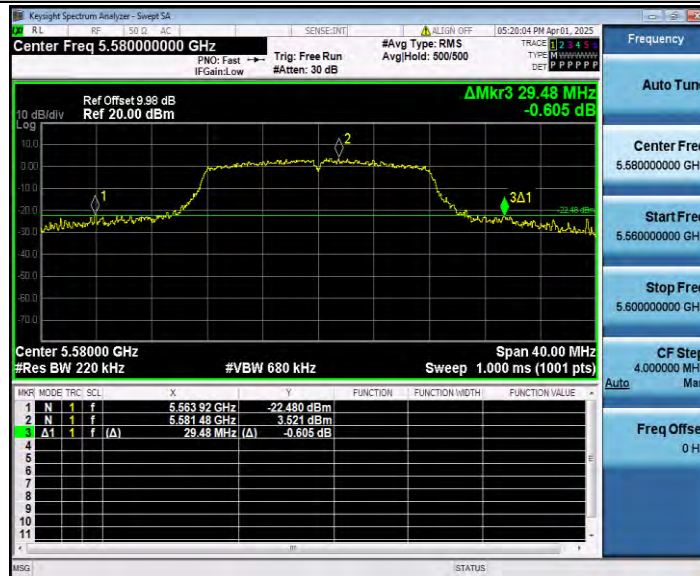
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	26.120	5487.640	5513.760	---	---
		5580	29.480	5563.920	5593.400	---	---
		5700	30.360	5683.200	5713.560	---	---
11N20SISO	Ant1	5500	20.560	5489.720	5510.280	---	---
		5580	21.600	5569.440	5591.040	---	---
		5700	22.640	5688.960	5711.600	---	---
11N40SISO	Ant1	5510	51.120	5489.600	5540.720	---	---
		5590	45.680	5568.320	5614.000	---	---
		5670	44.480	5645.680	5690.160	---	---
11AC20SISO	Ant1	5500	24.840	5488.600	5513.440	---	---
		5580	23.760	5568.160	5591.920	---	---
		5700	26.040	5686.720	5712.760	---	---
11AC40SISO	Ant1	5510	54.160	5485.920	5540.080	---	---
		5590	40.560	5569.680	5610.240	---	---
		5670	42.000	5648.320	5690.320	---	---
11AC80SISO	Ant1	5530	81.120	5489.360	5570.480	---	---
		5610	95.360	5555.440	5650.800	---	---

Test Graphs

11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



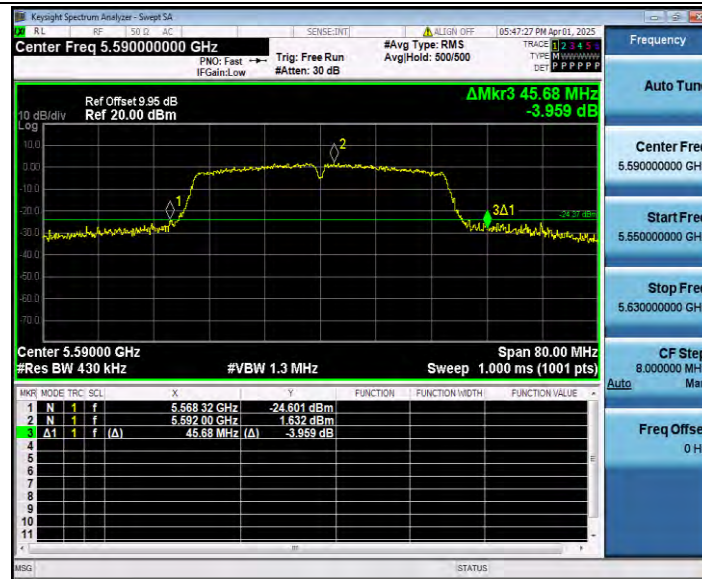
11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



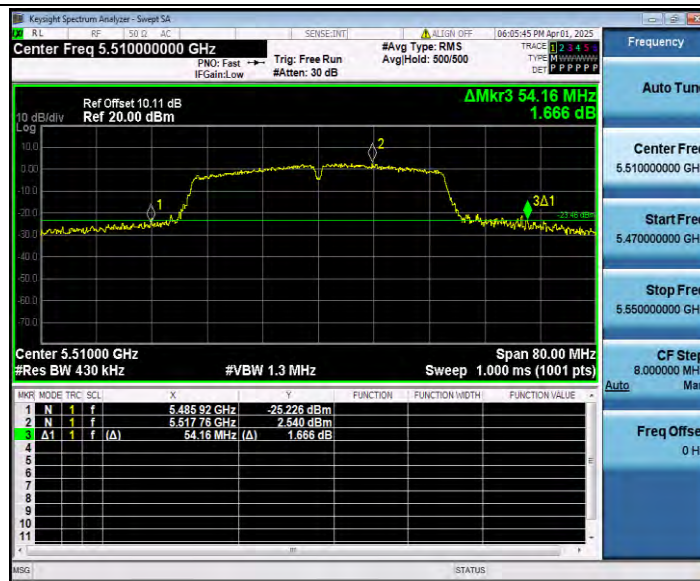
11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



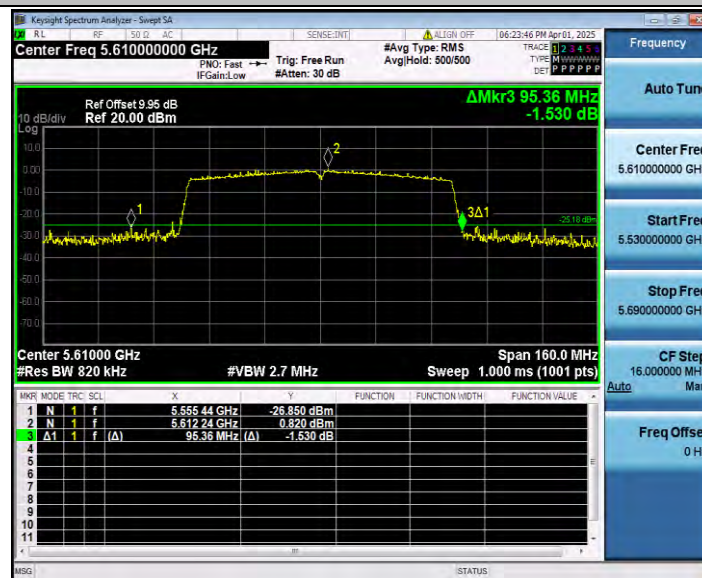
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610

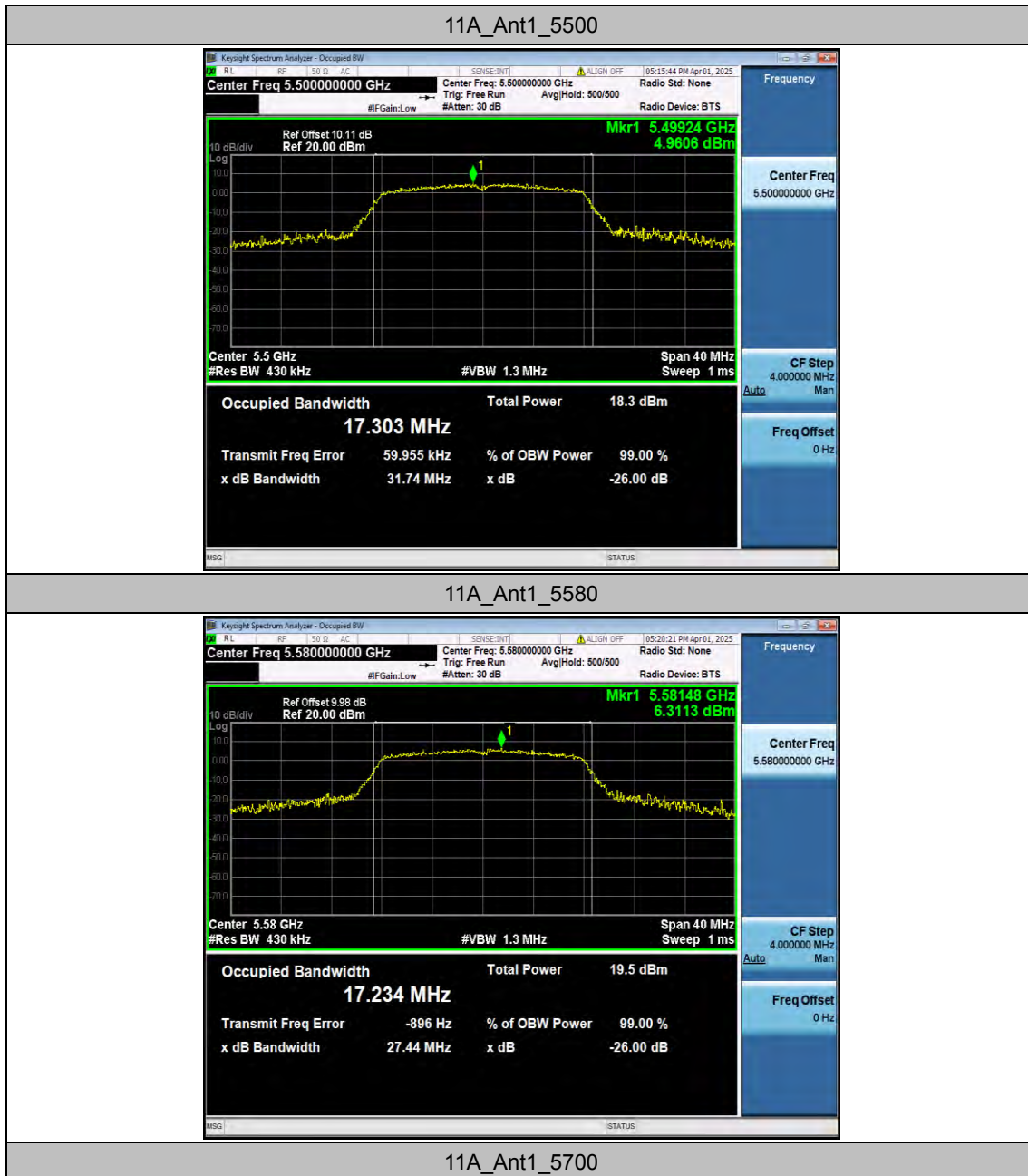


Appendix F.2: Occupied channel bandwidth

Test Result

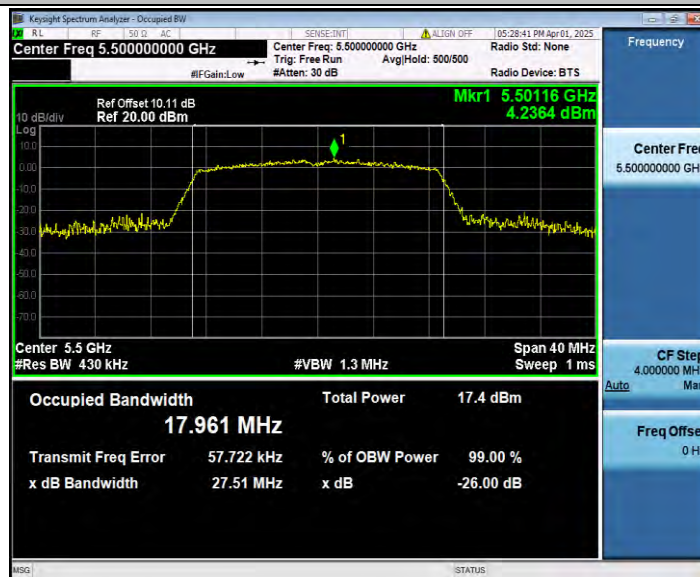
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	17.303	5491.4085	5508.7115	---	---
		5580	17.234	5571.3821	5588.6161	---	---
		5700	17.305	5691.3046	5708.6096	---	---
11N20SISO	Ant1	5500	17.961	5491.0772	5509.0382	---	---
		5580	18.013	5570.9729	5588.9859	---	---
		5700	17.994	5690.9470	5708.9410	---	---
11N40SISO	Ant1	5510	36.411	5491.9768	5528.3878	---	---
		5590	36.507	5571.7414	5608.2484	---	---
		5670	36.445	5651.6987	5688.1437	---	---
11AC20SISO	Ant1	5500	17.989	5491.0315	5509.0205	---	---
		5580	17.973	5570.9801	5588.9531	---	---
		5700	17.993	5690.9606	5708.9536	---	---
11AC40SISO	Ant1	5510	36.520	5491.9366	5528.4566	---	---
		5590	36.300	5571.8876	5608.1876	---	---
		5670	36.394	5651.7584	5688.1524	---	---
11AC80SISO	Ant1	5530	74.951	5492.8363	5567.7873	---	---
		5610	75.416	5572.2609	5647.6769	---	---

Test Graphs

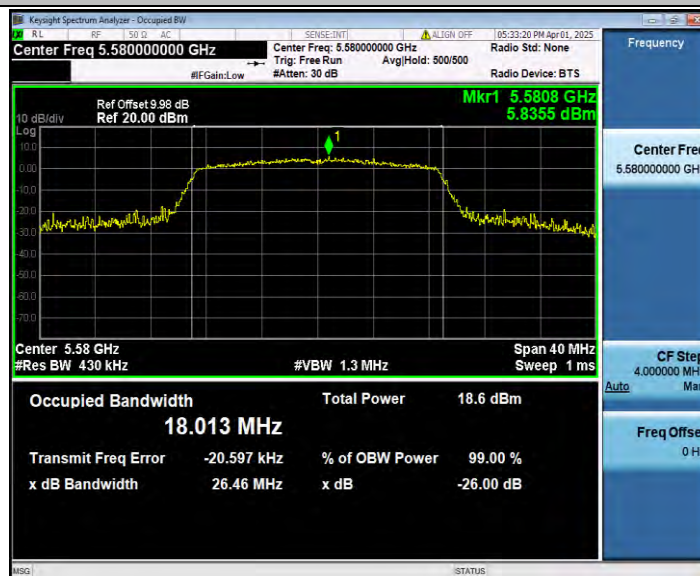




11N20SISO_Ant1_5500



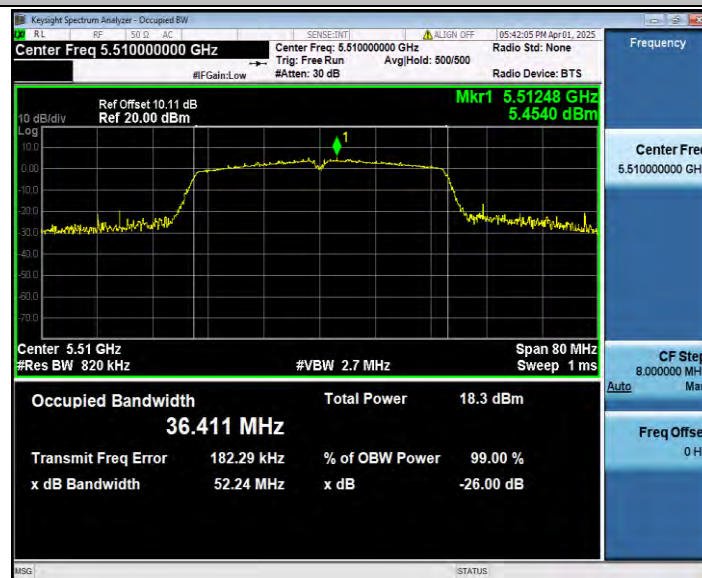
11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



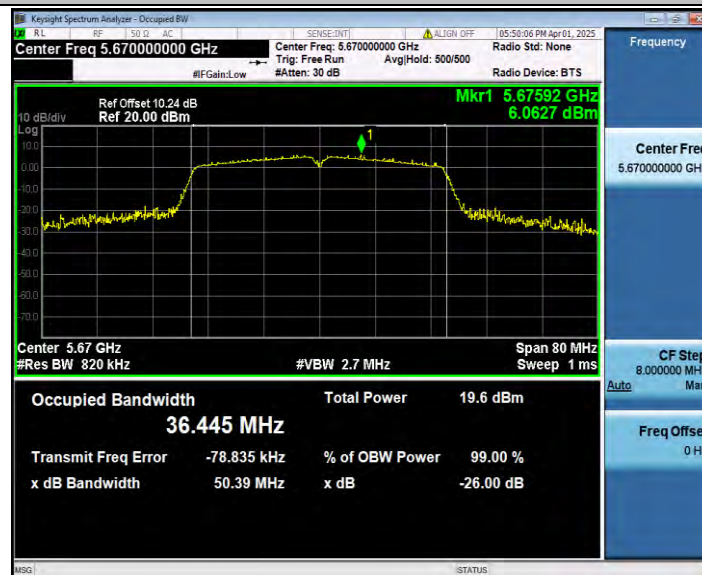
11N40SISO_Ant1_5510



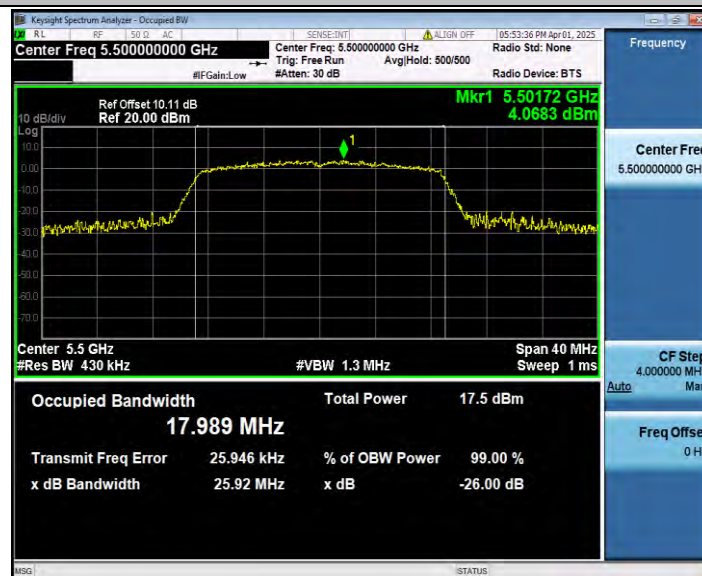
11N40SISO_Ant1_5590



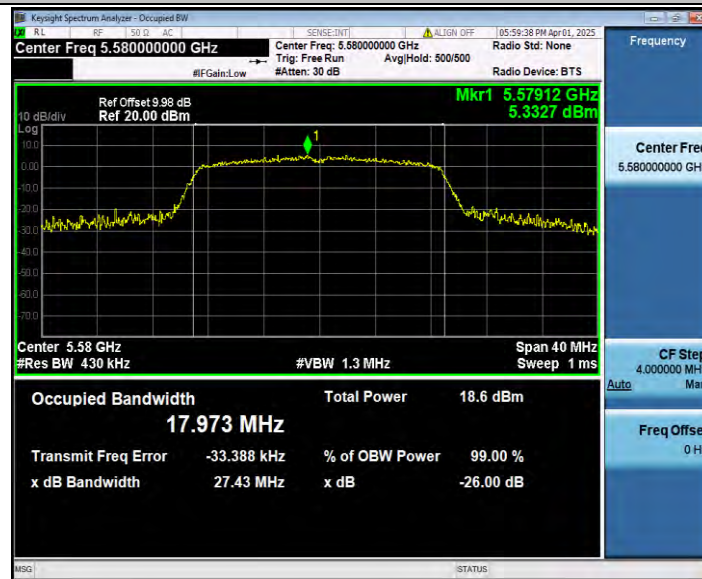
11N40SISO_Ant1_5670



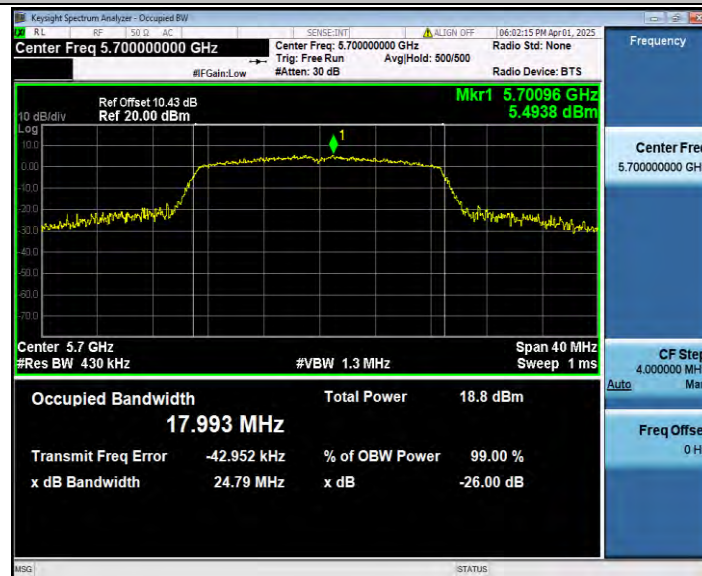
11AC20SISO_Ant1_5500



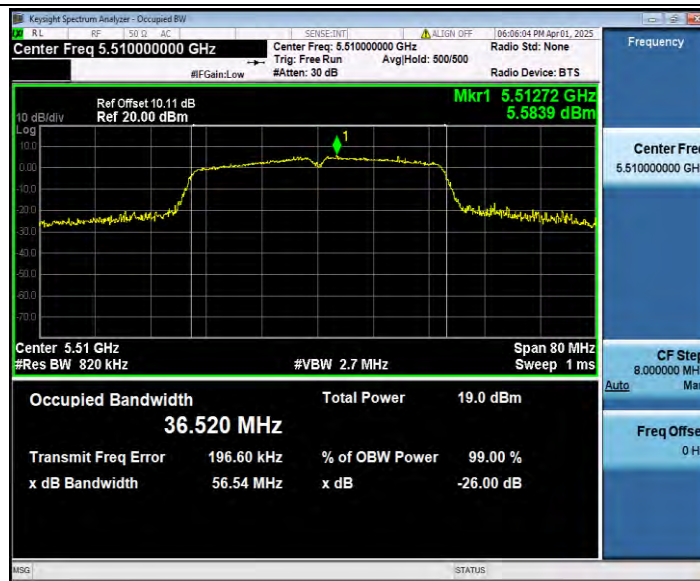
11AC20SISO_Ant1_5580



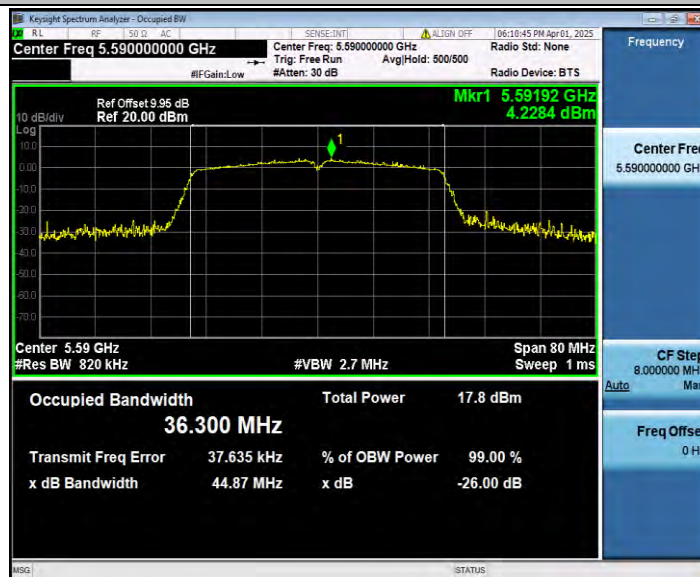
11AC20SISO_Ant1_5700



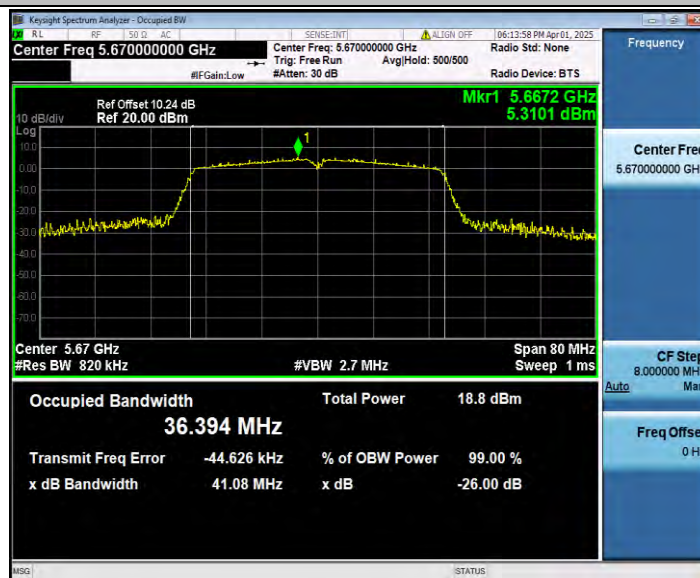
11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



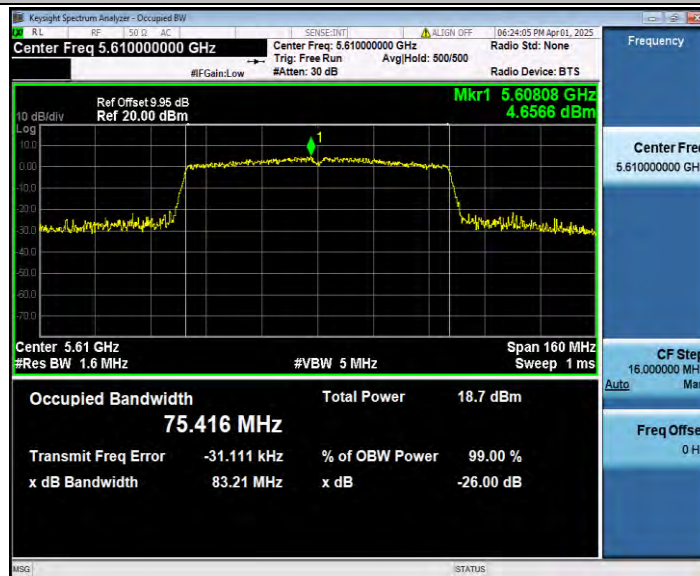
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610

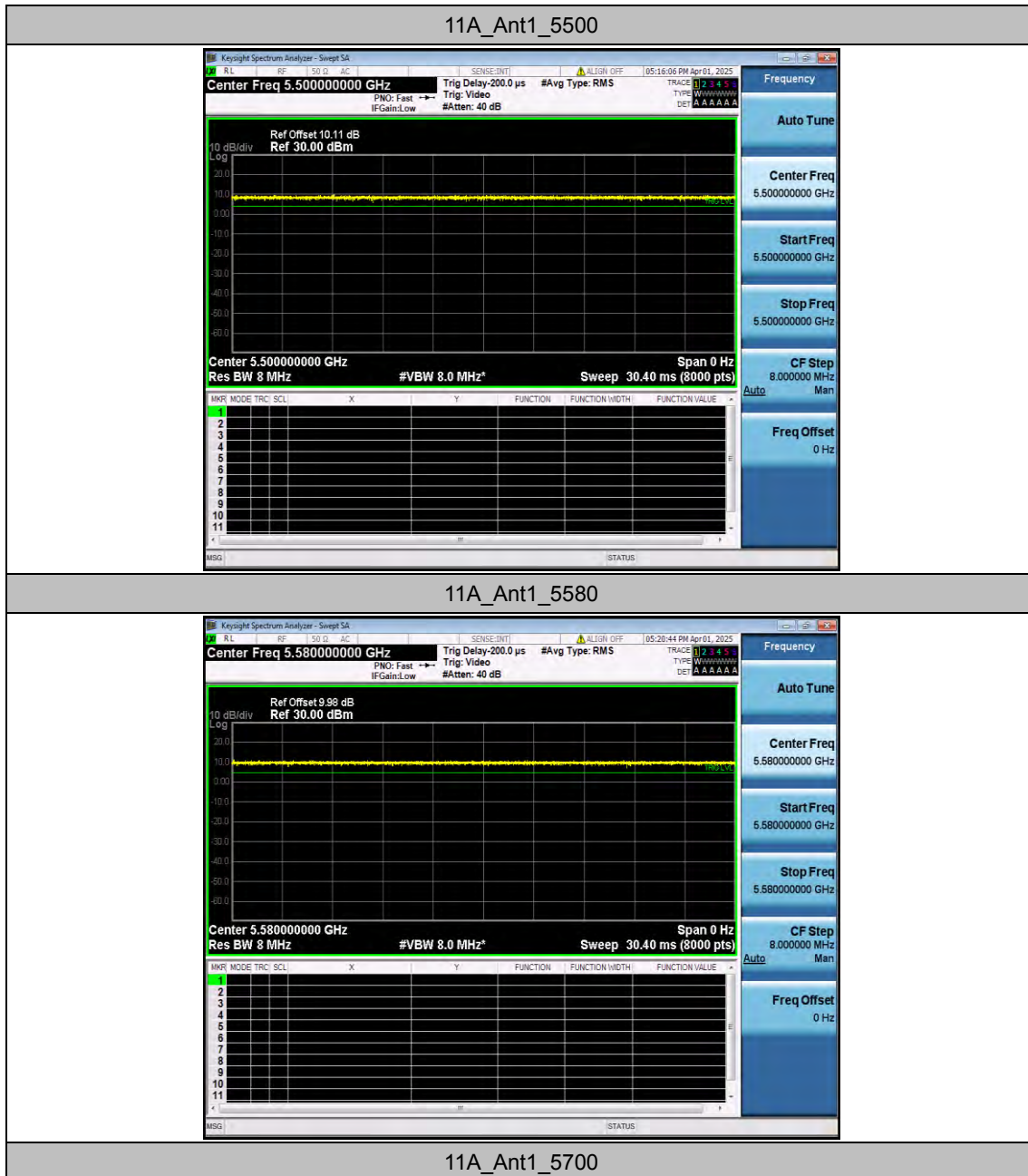


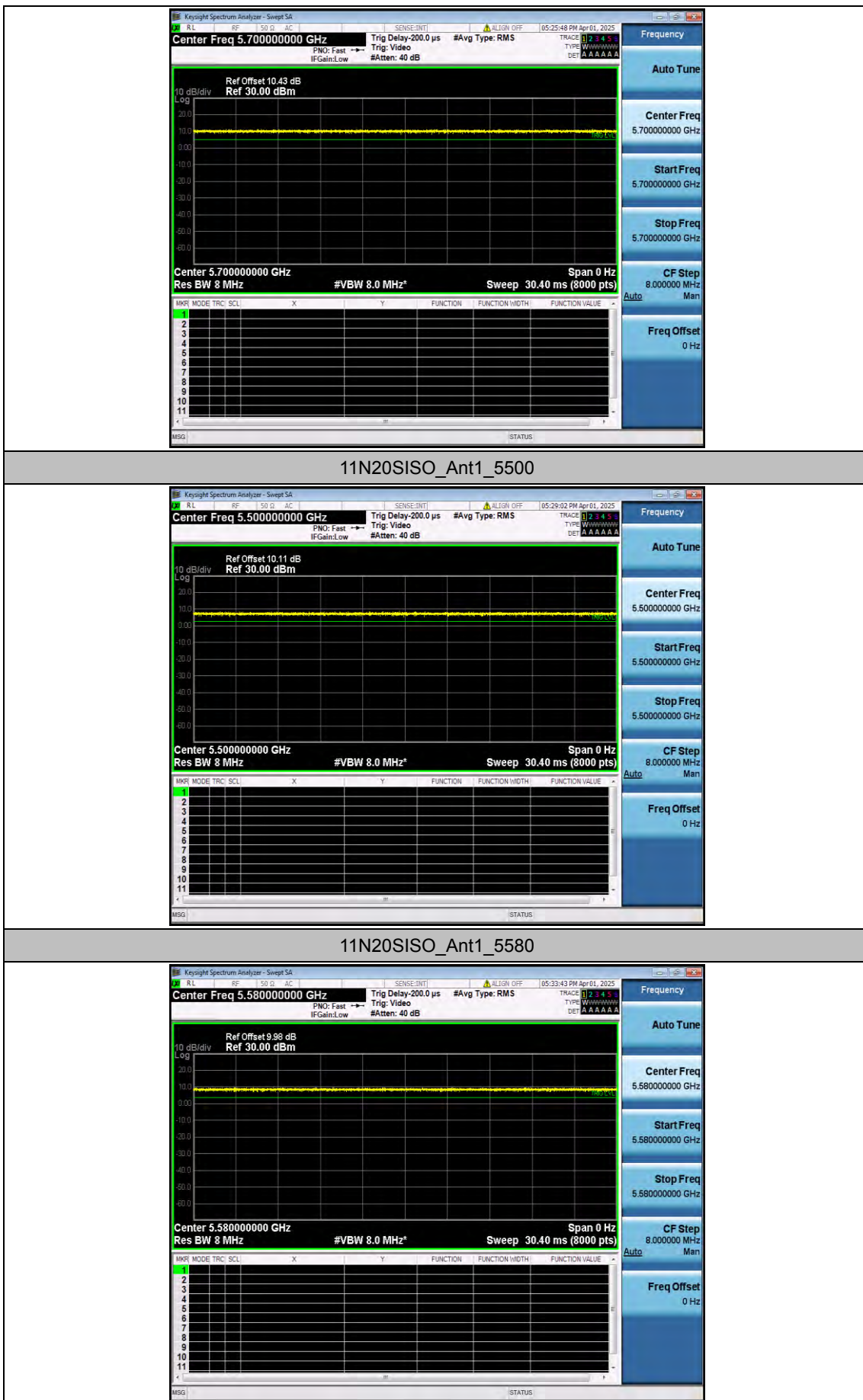
Appendix F 3: Duty Cycle

Test Result

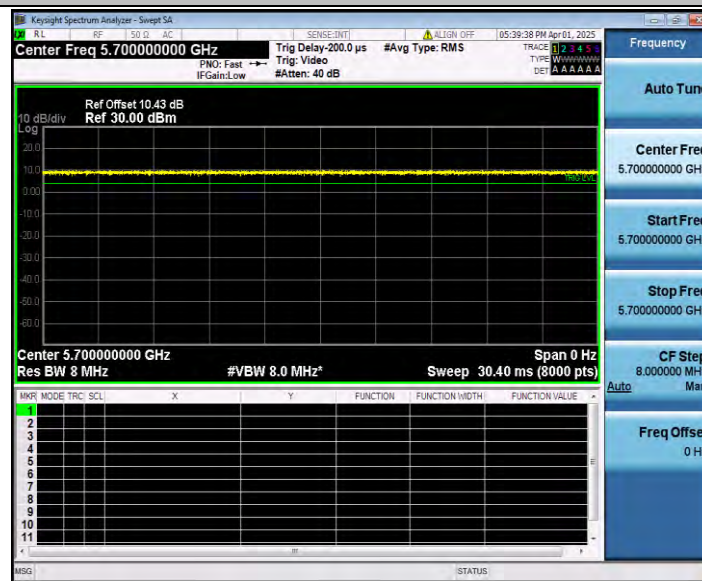
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	30.00	30.00	100.00	0.00	0.03
		5580	30.00	30.00	100.00	0.00	0.03
		5700	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5500	30.00	30.00	100.00	0.00	0.03
		5580	30.00	30.00	100.00	0.00	0.03
		5700	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant1	5510	30.00	30.00	100.00	0.00	0.03
		5590	30.00	30.00	100.00	0.00	0.03
		5670	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant1	5500	30.00	30.00	100.00	0.00	0.03
		5580	30.00	30.00	100.00	0.00	0.03
		5700	30.00	30.00	100.00	0.00	0.03
11AC40SISO	Ant1	5510	30.00	30.00	100.00	0.00	0.03
		5590	30.00	30.00	100.00	0.00	0.03
		5670	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant1	5530	30.00	30.00	100.00	0.00	0.03
		5610	30.00	30.00	100.00	0.00	0.03

Test Graphs

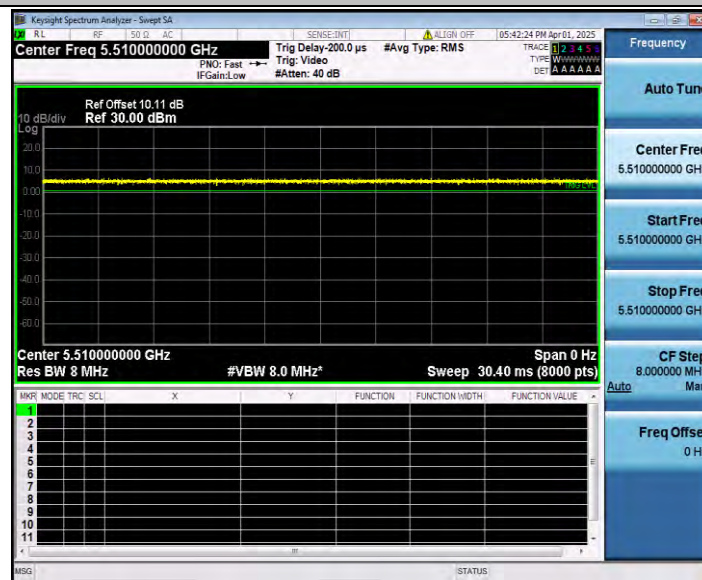




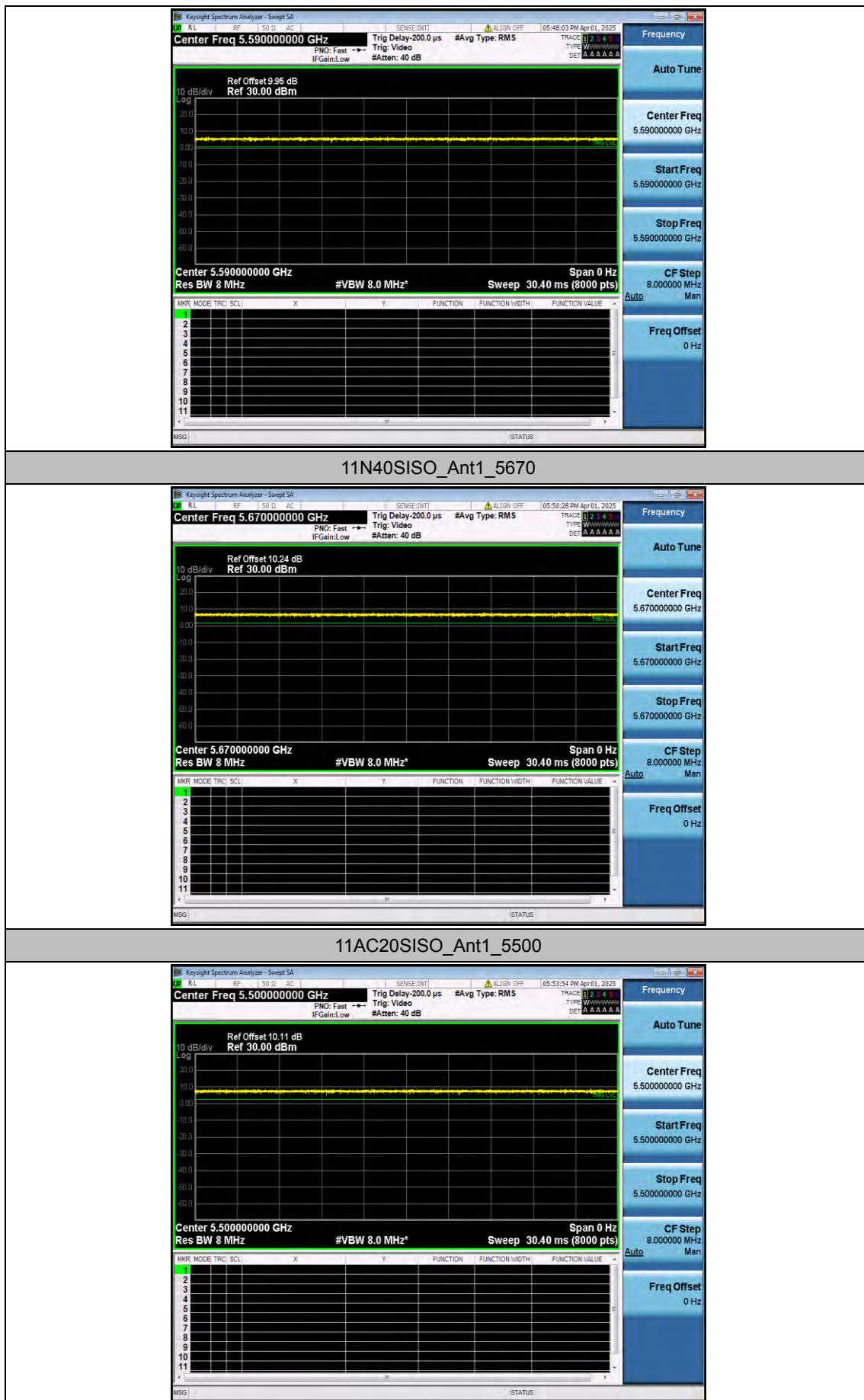
11N20SISO_Ant1_5700



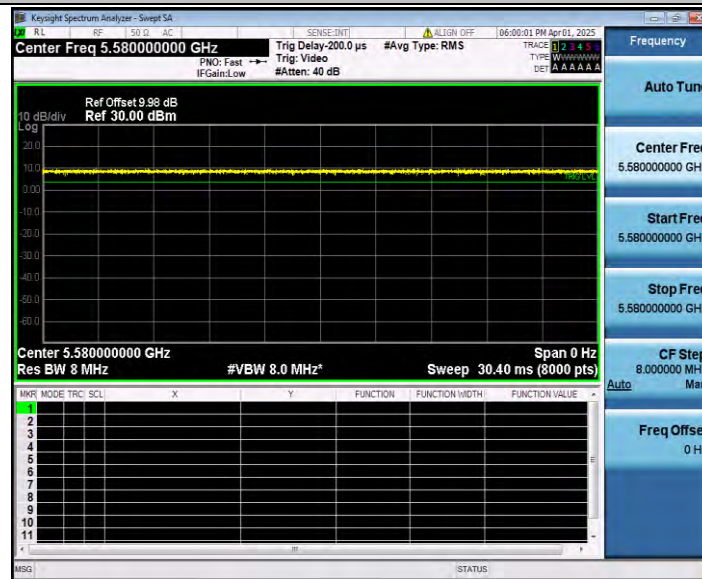
11N40SISO_Ant1_5510



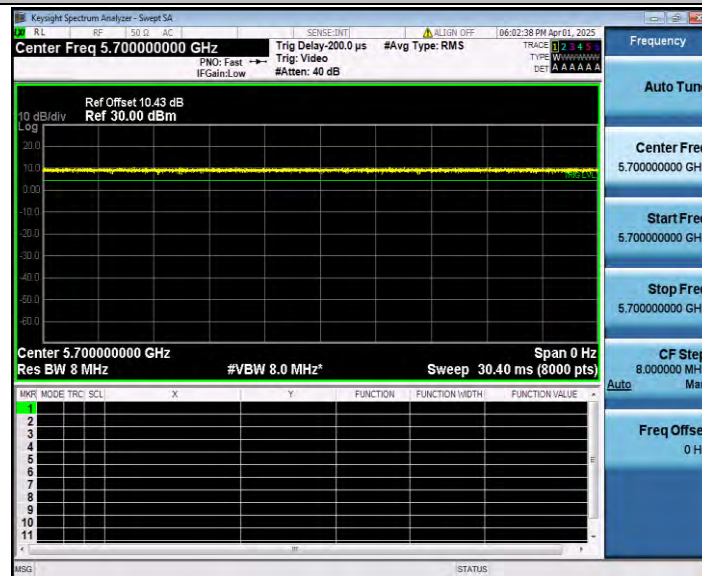
11N40SISO_Ant1_5590



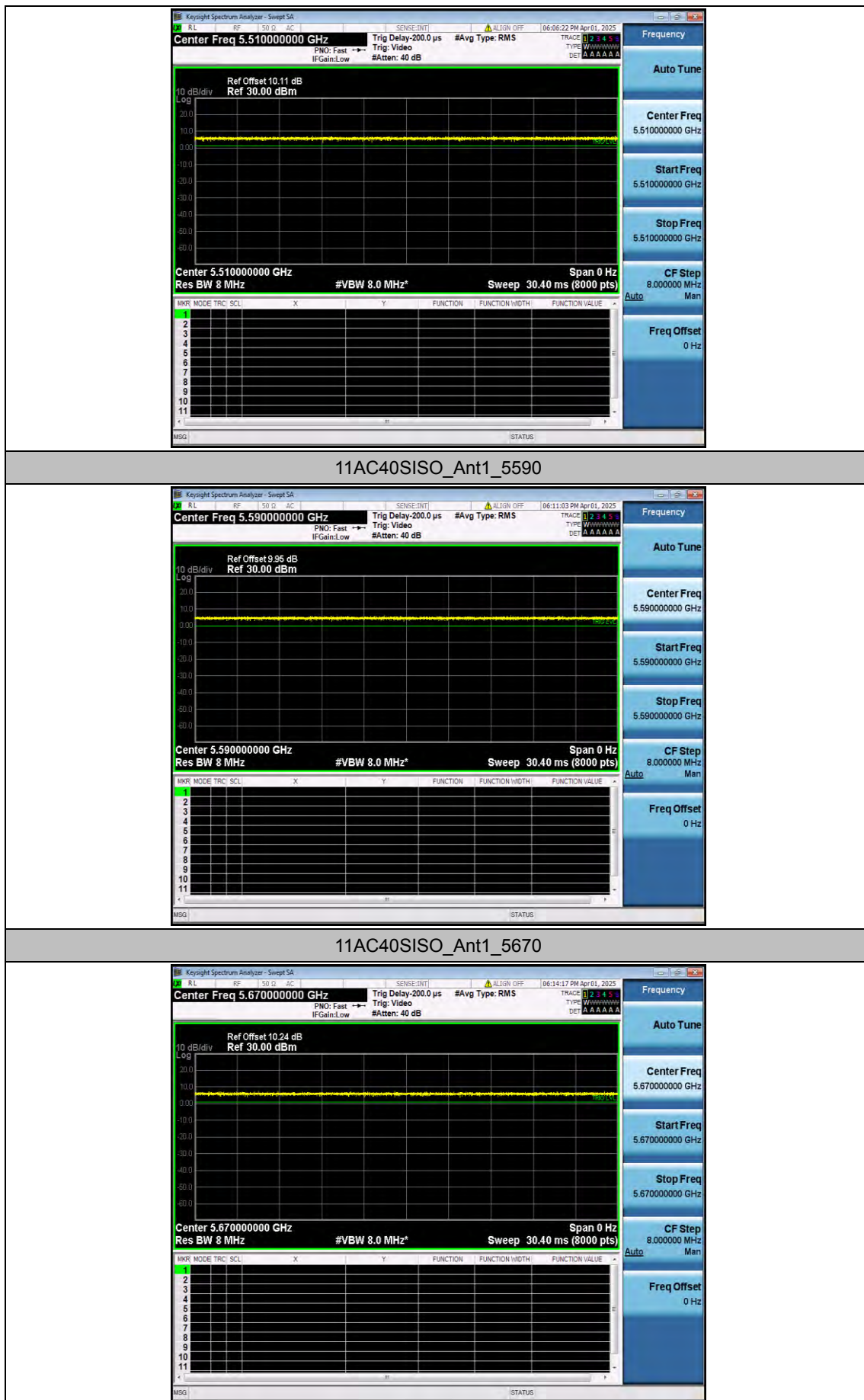
11AC20SISO_Ant1_5580

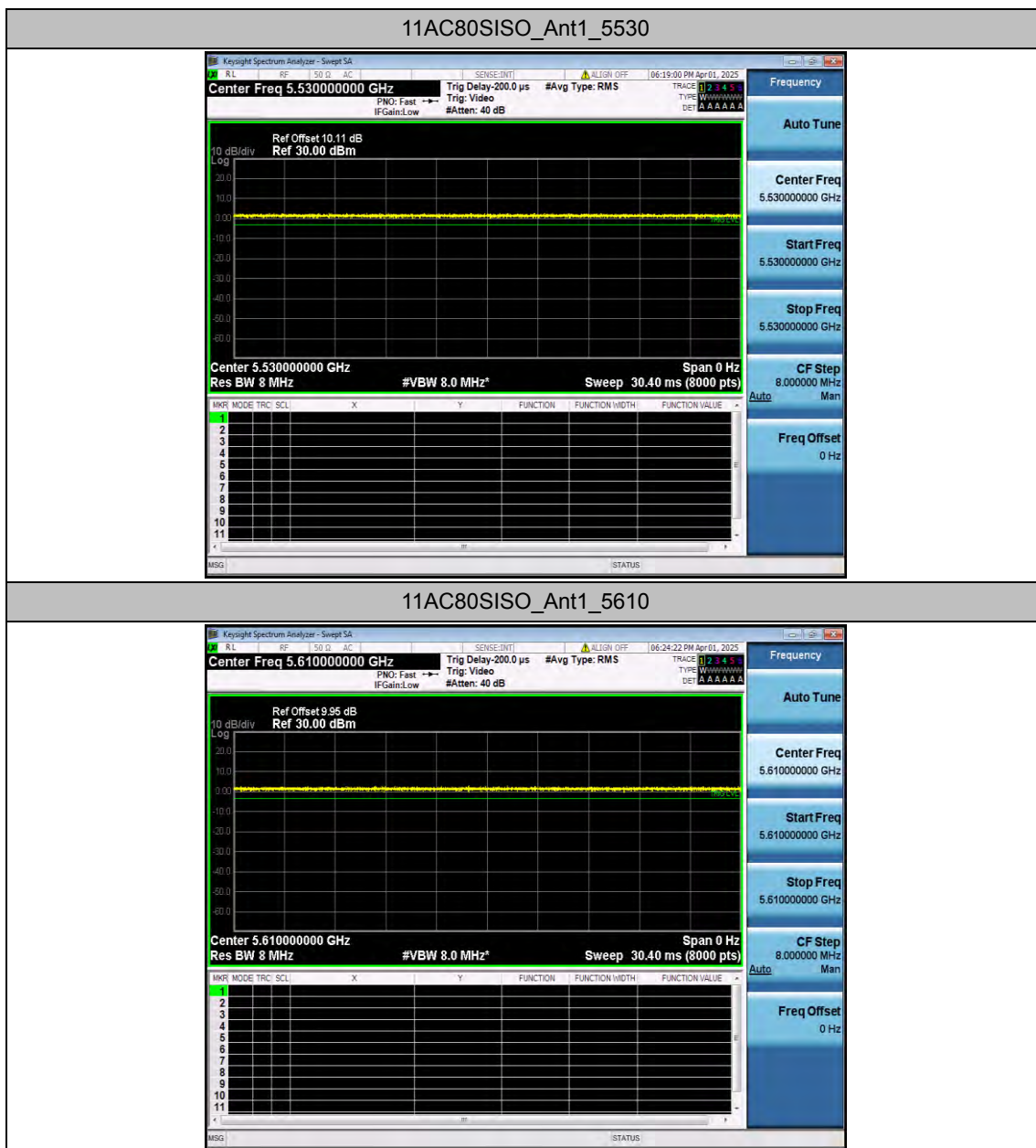


11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510





Appendix F.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	5500	11.41	100.00	0.00	11.41	≤23.98	PASS
		5580	12.60	100.00	0.00	12.60	≤23.98	PASS
		5700	12.76	100.00	0.00	12.76	≤23.98	PASS
11N20SISO	Ant1	5500	10.47	100.00	0.00	10.47	≤23.98	PASS
		5580	11.67	100.00	0.00	11.67	≤23.98	PASS
		5700	11.89	100.00	0.00	11.89	≤23.98	PASS
11N40SISO	Ant1	5510	10.76	100.00	0.00	10.76	≤23.98	PASS
		5590	11.15	100.00	0.00	11.15	≤23.98	PASS
		5670	12.31	100.00	0.00	12.31	≤23.98	PASS
11AC20SISO	Ant1	5500	10.77	100.00	0.00	10.77	≤23.98	PASS
		5580	11.77	100.00	0.00	11.77	≤23.98	PASS
		5700	12.14	100.00	0.00	12.14	≤23.98	PASS
11AC40SISO	Ant1	5510	11.47	100.00	0.00	11.47	≤23.98	PASS
		5590	10.36	100.00	0.00	10.36	≤23.98	PASS
		5670	11.54	100.00	0.00	11.54	≤23.98	PASS
11AC80SISO	Ant1	5530	9.27	100.00	0.00	9.27	≤23.98	PASS
		5610	9.70	100.00	0.00	9.70	≤23.98	PASS

Appendix F.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	0.57	≤11.00	PASS
		5580	1.65	≤11.00	PASS
		5700	1.96	≤11.00	PASS
11N20SISO	Ant1	5500	-0.71	≤11.00	PASS
		5580	0.50	≤11.00	PASS
		5700	0.86	≤11.00	PASS
11N40SISO	Ant1	5510	-2.48	≤11.00	PASS
		5590	-2.36	≤11.00	PASS
		5670	-1.10	≤11.00	PASS
11AC20SISO	Ant1	5500	-0.49	≤11.00	PASS
		5580	0.61	≤11.00	PASS
		5700	1.09	≤11.00	PASS
11AC40SISO	Ant1	5510	-1.93	≤11.00	PASS
		5590	-3.09	≤11.00	PASS
		5670	-1.93	≤11.00	PASS
11AC80SISO	Ant1	5530	-6.05	≤11.00	PASS
		5610	-6.40	≤11.00	PASS

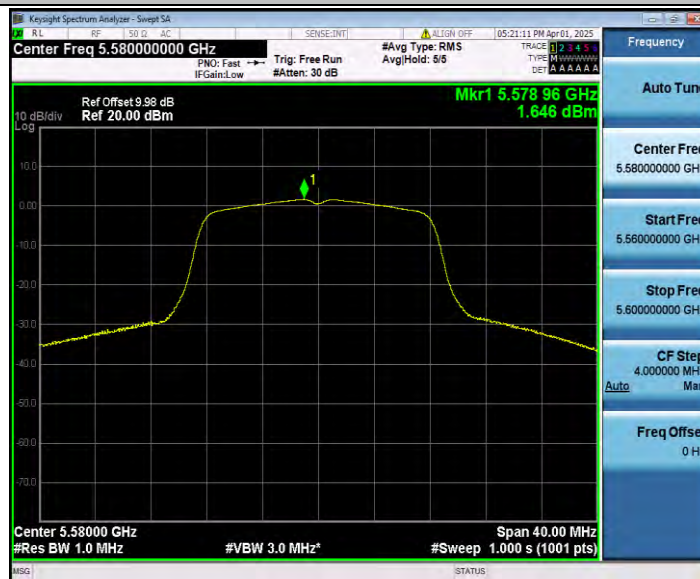
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

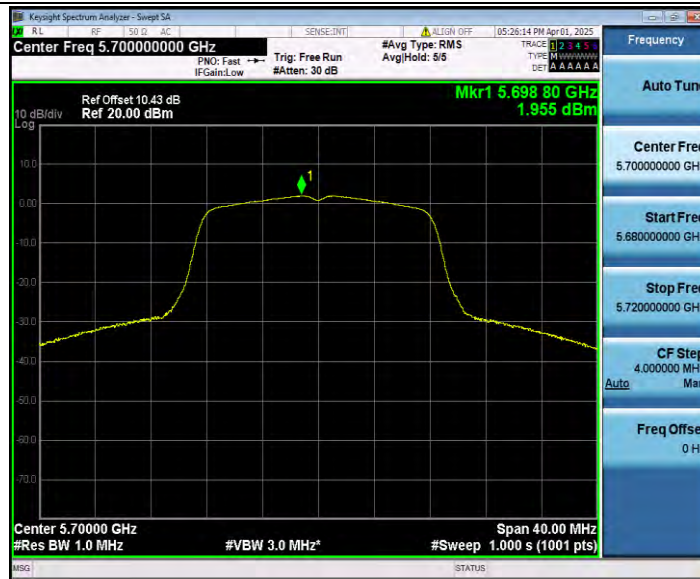
11A_Ant1_5500



11A_Ant1_5580



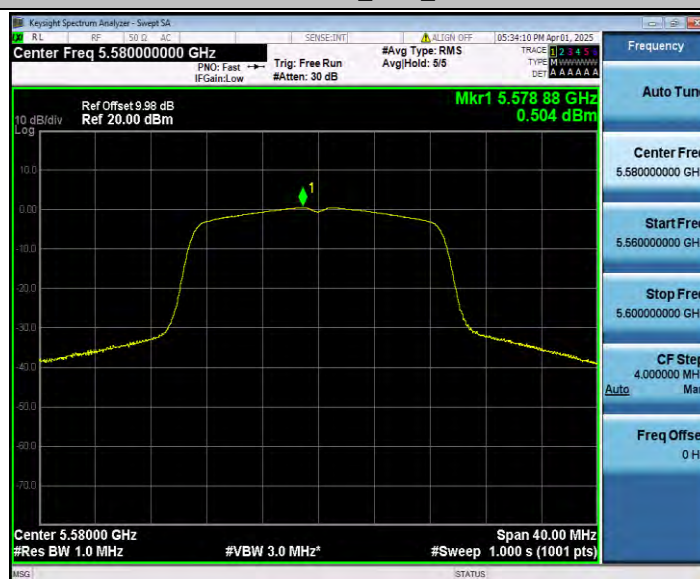
11A_Ant1_5700



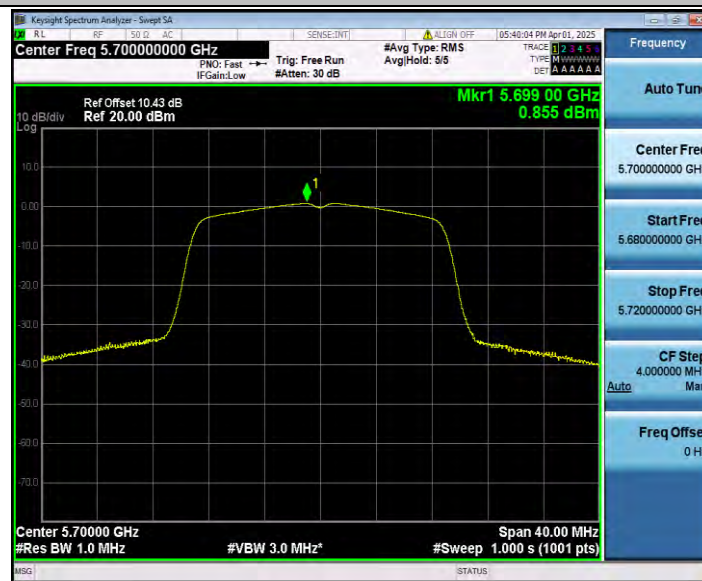
11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



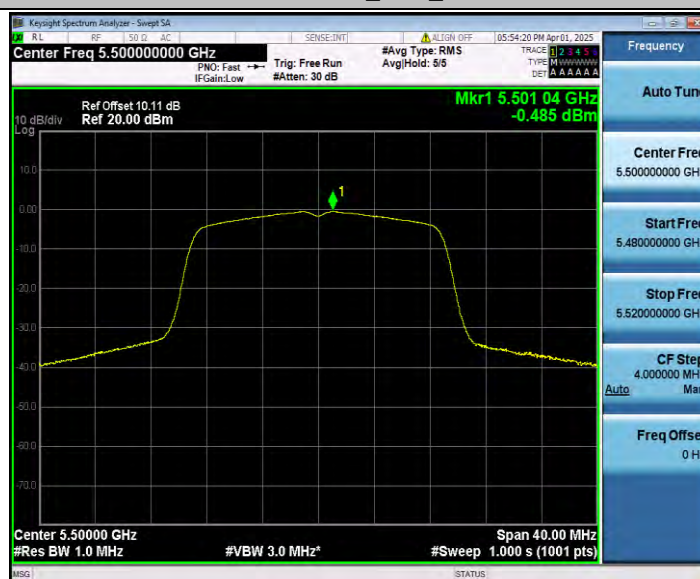
11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610

