

Case No. : <u>GTS20250530022-5-04</u>	
Ambient Condition: <u>22</u> °C, <u>53</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.6.18</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	Ant2	5260	22.960	5248.240	5271.200	---	---
		5280	23.000	5268.360	5291.360	---	---
		5320	23.120	5308.560	5331.680	---	---
11N20SISO	Ant2	5260	23.000	5248.560	5271.560	---	---
		5280	24.040	5268.040	5292.080	---	---
		5320	22.880	5308.680	5331.560	---	---
11N40SISO	Ant2	5270	43.680	5248.240	5291.920	---	---
		5310	43.760	5288.160	5331.920	---	---
11AC20SISO	Ant2	5260	23.240	5248.200	5271.440	---	---
		5280	23.120	5268.400	5291.520	---	---
		5320	23.120	5308.560	5331.680	---	---
11AC40SISO	Ant2	5270	44.000	5247.600	5291.600	---	---
		5310	43.120	5288.480	5331.600	---	---
11AX20SISO	Ant2	5260	23.200	5248.320	5271.520	---	---
		5280	22.800	5268.600	5291.400	---	---
		5320	23.280	5308.440	5331.720	---	---
11AX40SISO	Ant2	5270	42.320	5248.960	5291.280	---	---
		5310	43.360	5288.640	5332.000	---	---

Test Graphs

11A_Ant2_5260



11A_Ant2_5280



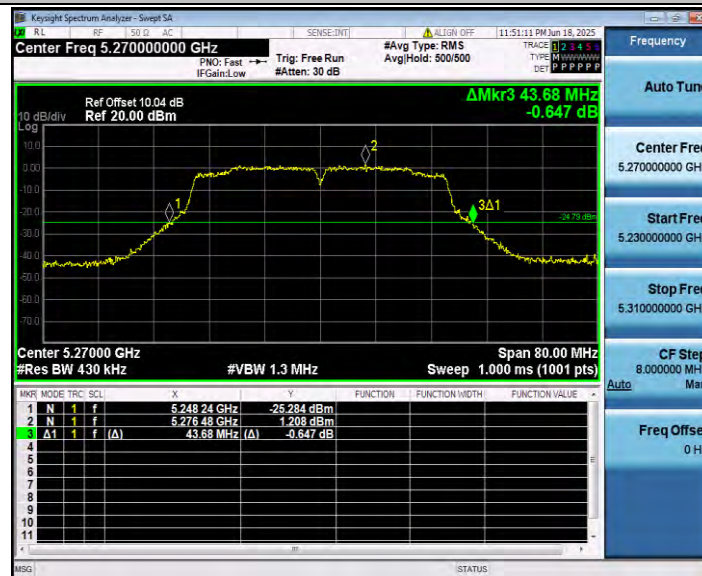
11A_Ant2_5320



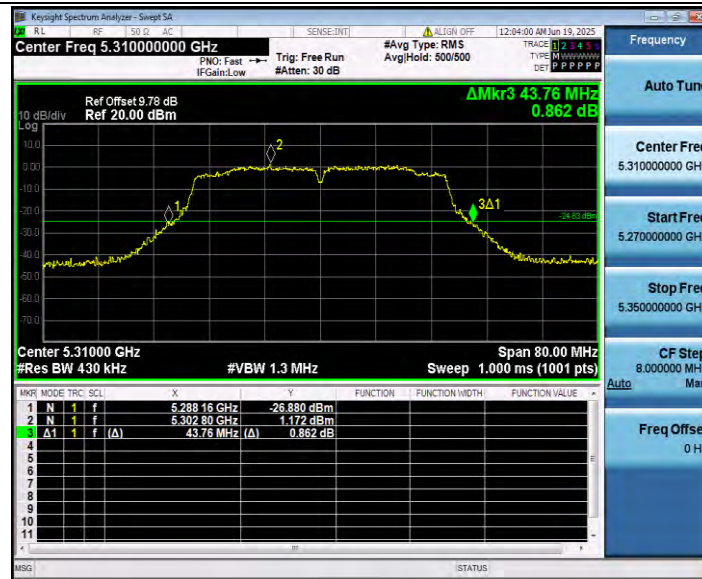
11N20SISO_Ant2_5320



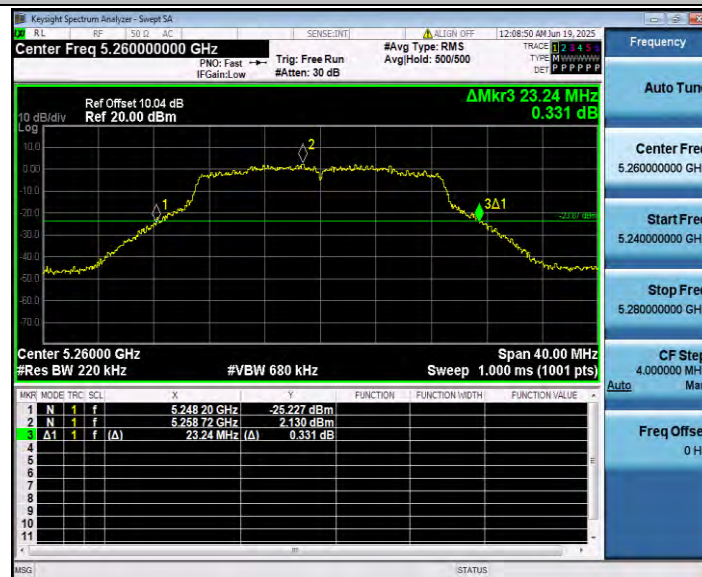
11N40SISO_Ant2_5270



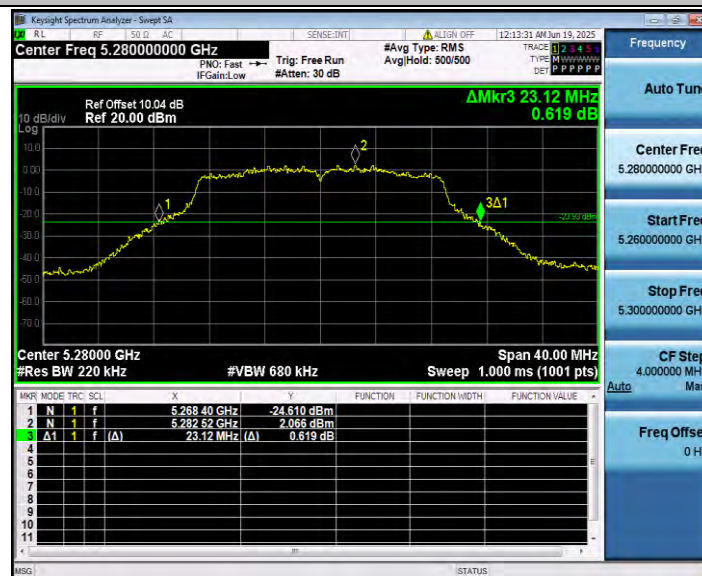
11N40SISO_Ant2_5310



11AC20SISO_Ant2_5260



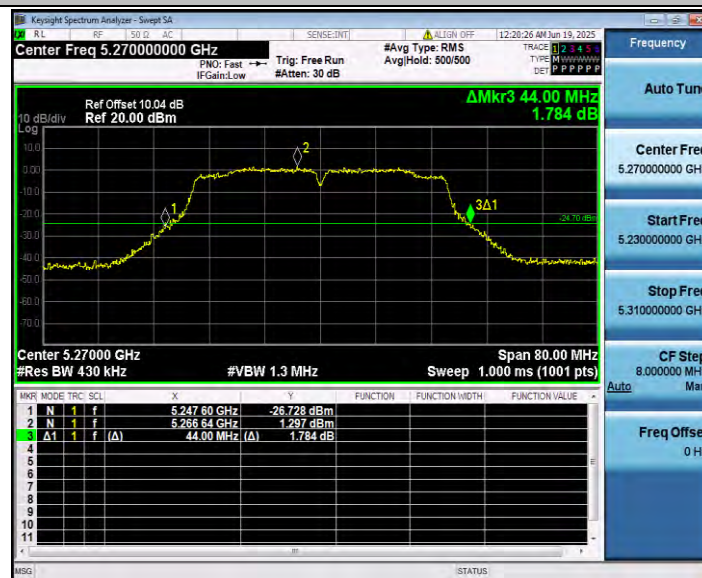
11AC20SISO_Ant2_5280



11AC20SISO_Ant2_5320



11AC40SISO_Ant2_5270



11AC40SISO_Ant2_5310



11AX20SISO_Ant2_5260



11AX20SISO_Ant2_5280



11AX20SISO_Ant2_5320



11AX40SISO_Ant2_5270



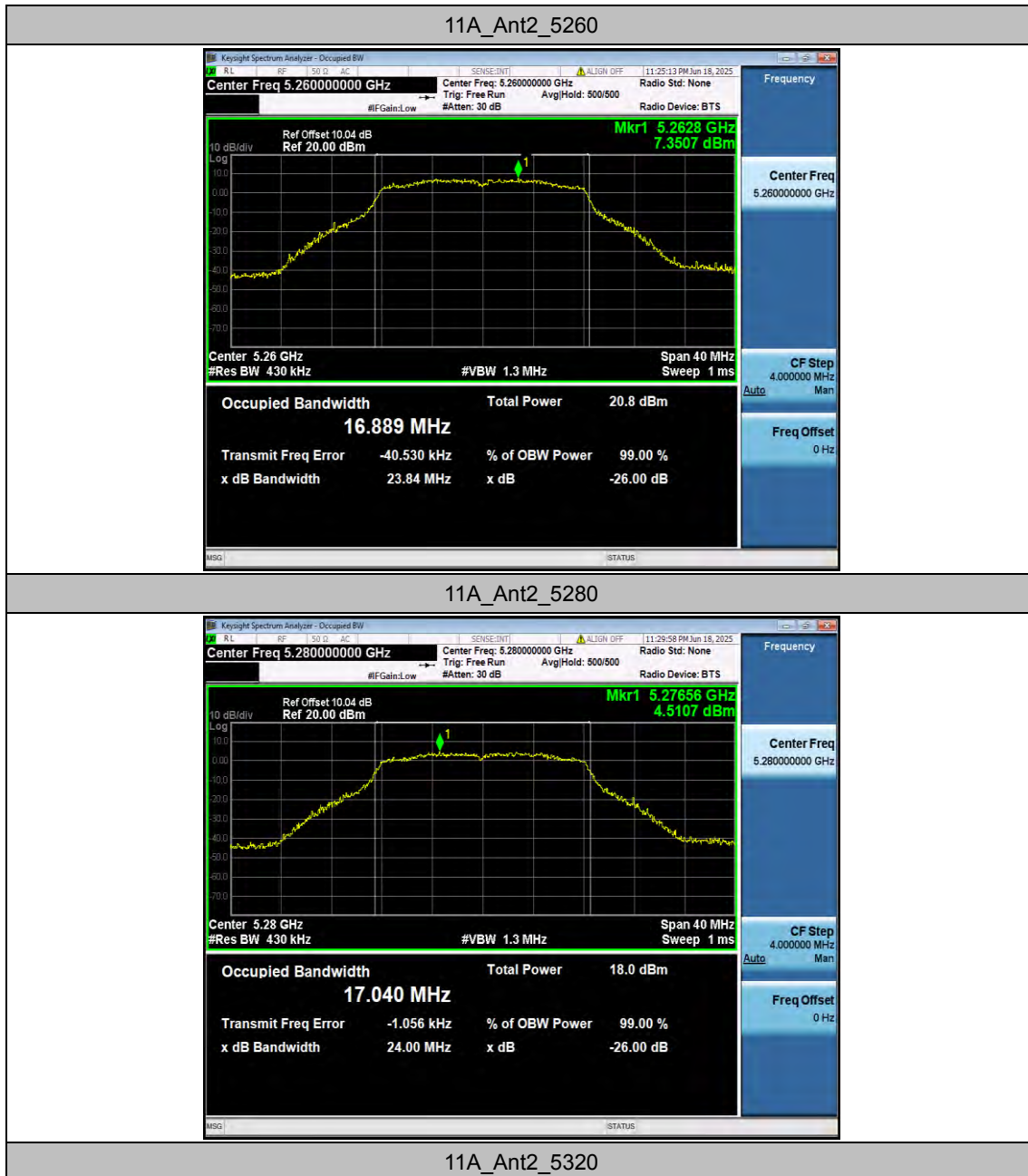
11AX40SISO_Ant2_5310

Appendix E.2: Occupied channel bandwidth

Test Result

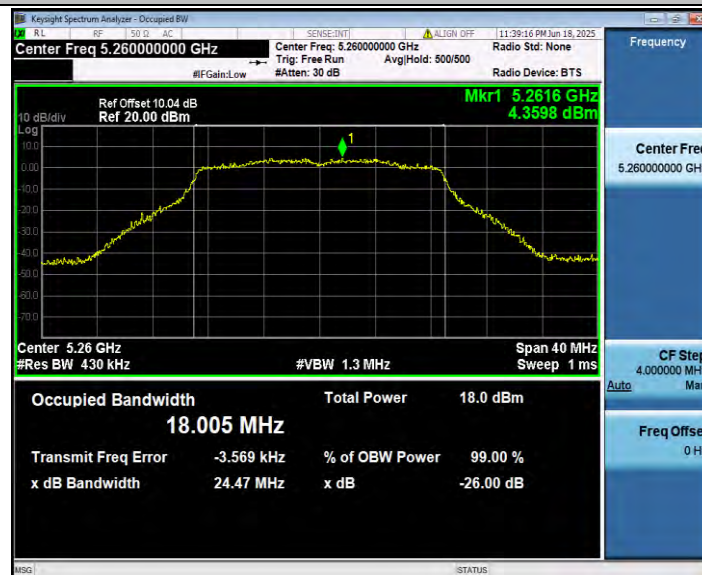
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5260	16.889	5251.5150	5268.4040	---	---
		5280	17.040	5271.4789	5288.5189	---	---
		5320	17.025	5311.5488	5328.5738	---	---
11N20SISO	Ant2	5260	18.005	5250.9939	5268.9989	---	---
		5280	18.074	5270.9709	5289.0449	---	---
		5320	18.082	5311.0028	5329.0848	---	---
11N40SISO	Ant2	5270	36.289	5251.8734	5288.1624	---	---
		5310	36.210	5291.9519	5328.1619	---	---
11AC20SISO	Ant2	5260	18.072	5250.9682	5269.0402	---	---
		5280	18.042	5270.9853	5289.0273	---	---
		5320	18.082	5311.0006	5329.0826	---	---
11AC40SISO	Ant2	5270	36.251	5251.8837	5288.1347	---	---
		5310	36.298	5291.9273	5328.2253	---	---
11AX20SISO	Ant2	5260	19.013	5250.4922	5269.5052	---	---
		5280	19.019	5270.5116	5289.5306	---	---
		5320	19.004	5310.5540	5329.5580	---	---
11AX40SISO	Ant2	5270	37.699	5251.1721	5288.8711	---	---
		5310	37.641	5291.2478	5328.8888	---	---

Test Graphs





11N20SISO_Ant2_5260



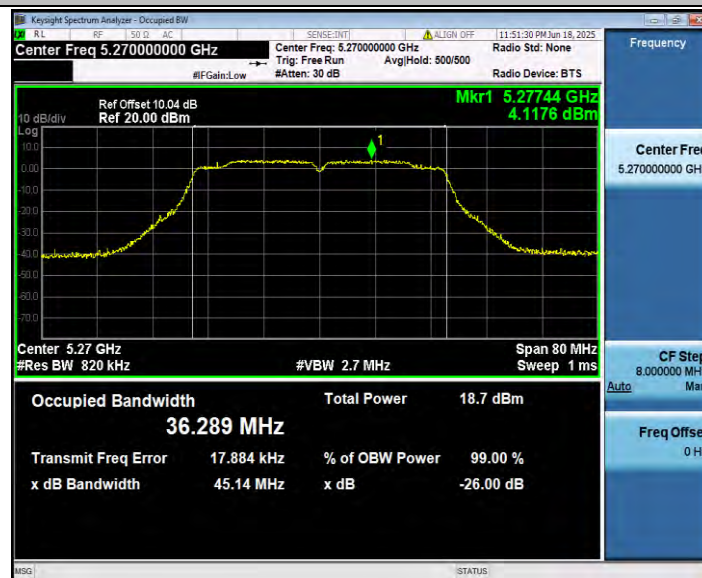
11N20SISO_Ant2_5280



11N20SISO_Ant2_5320



11N40SISO_Ant2_5270



11N40SISO_Ant2_5310



11AC20SISO_Ant2_5260



11AC20SISO_Ant2_5280



11AC20SISO_Ant2_5320



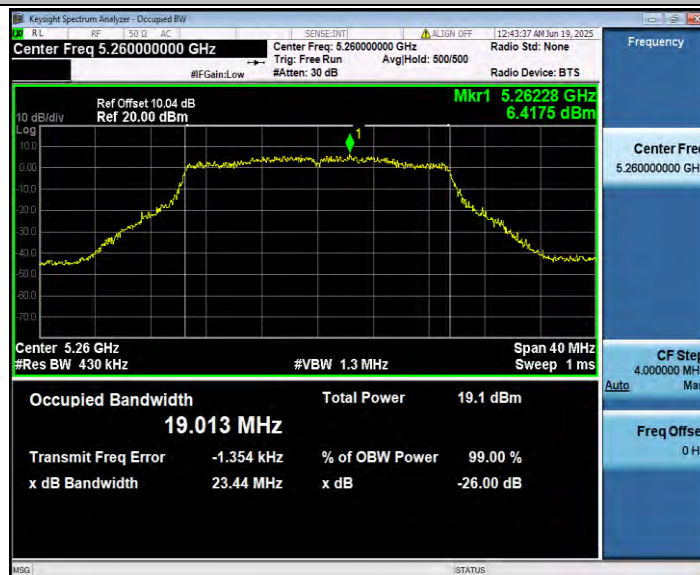
11AC40SISO_Ant2_5270



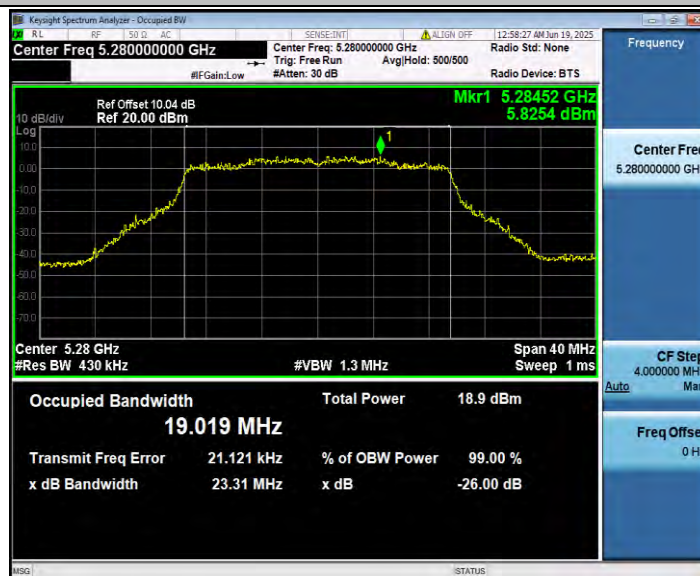
11AC40SISO_Ant2_5310



11AX20SISO_Ant2_5260



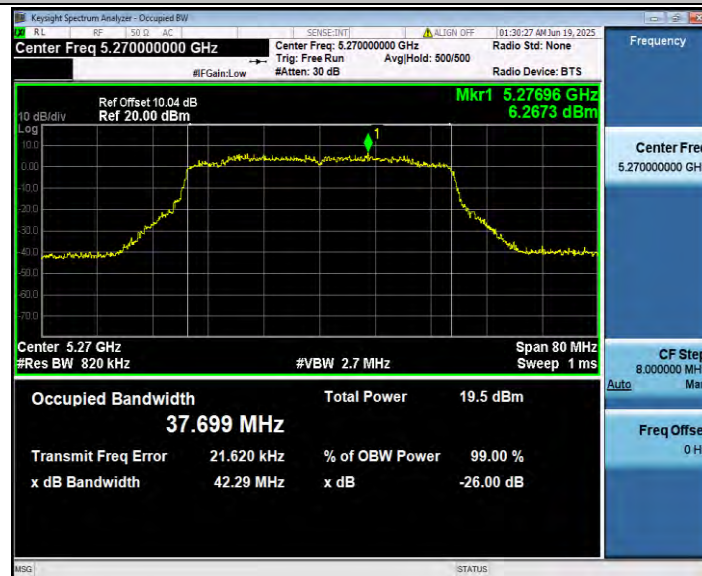
11AX20SISO_Ant2_5280



11AX20SISO_Ant2_5320



11AX40SISO_Ant2_5270



11AX40SISO_Ant2_5310

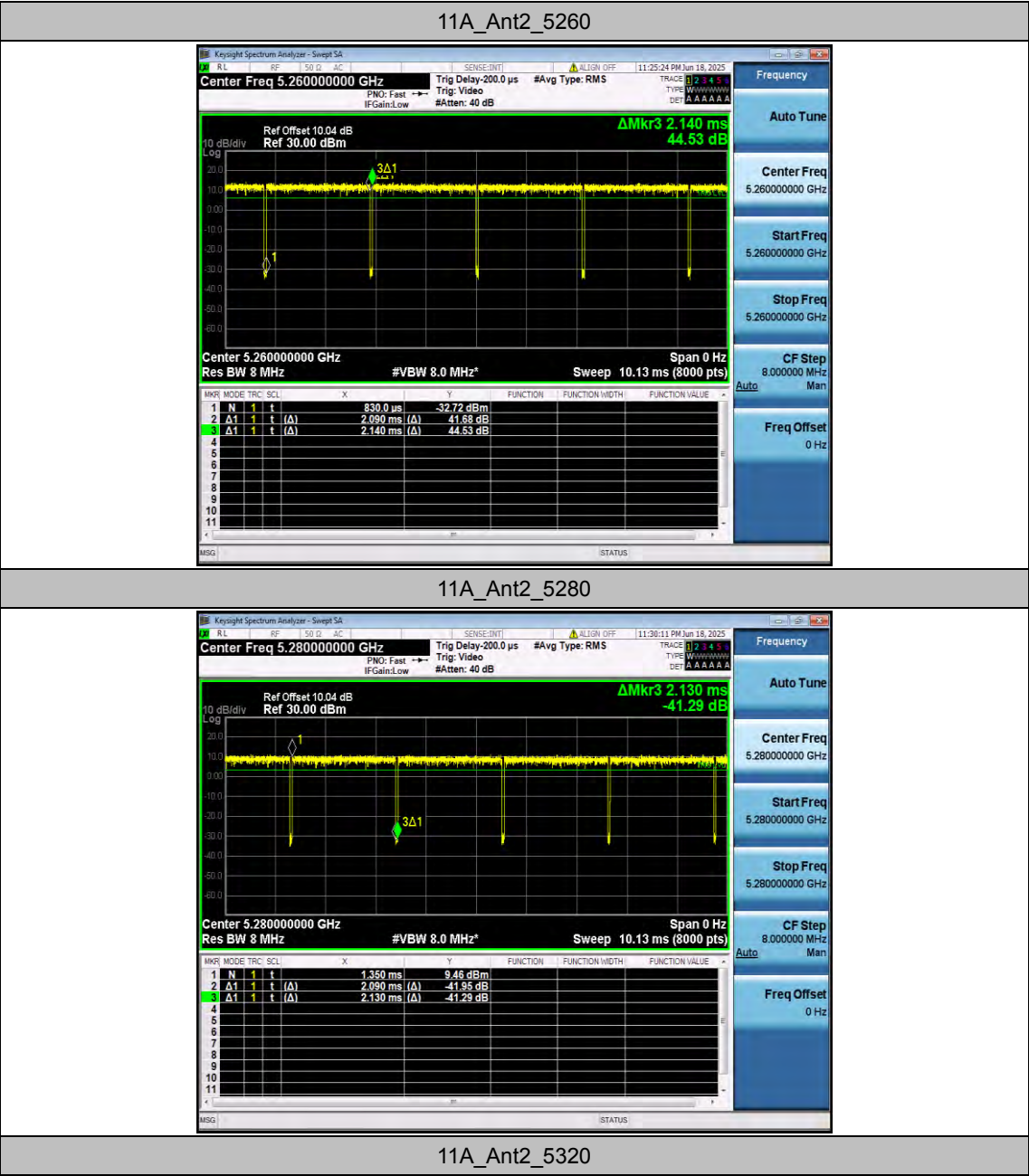


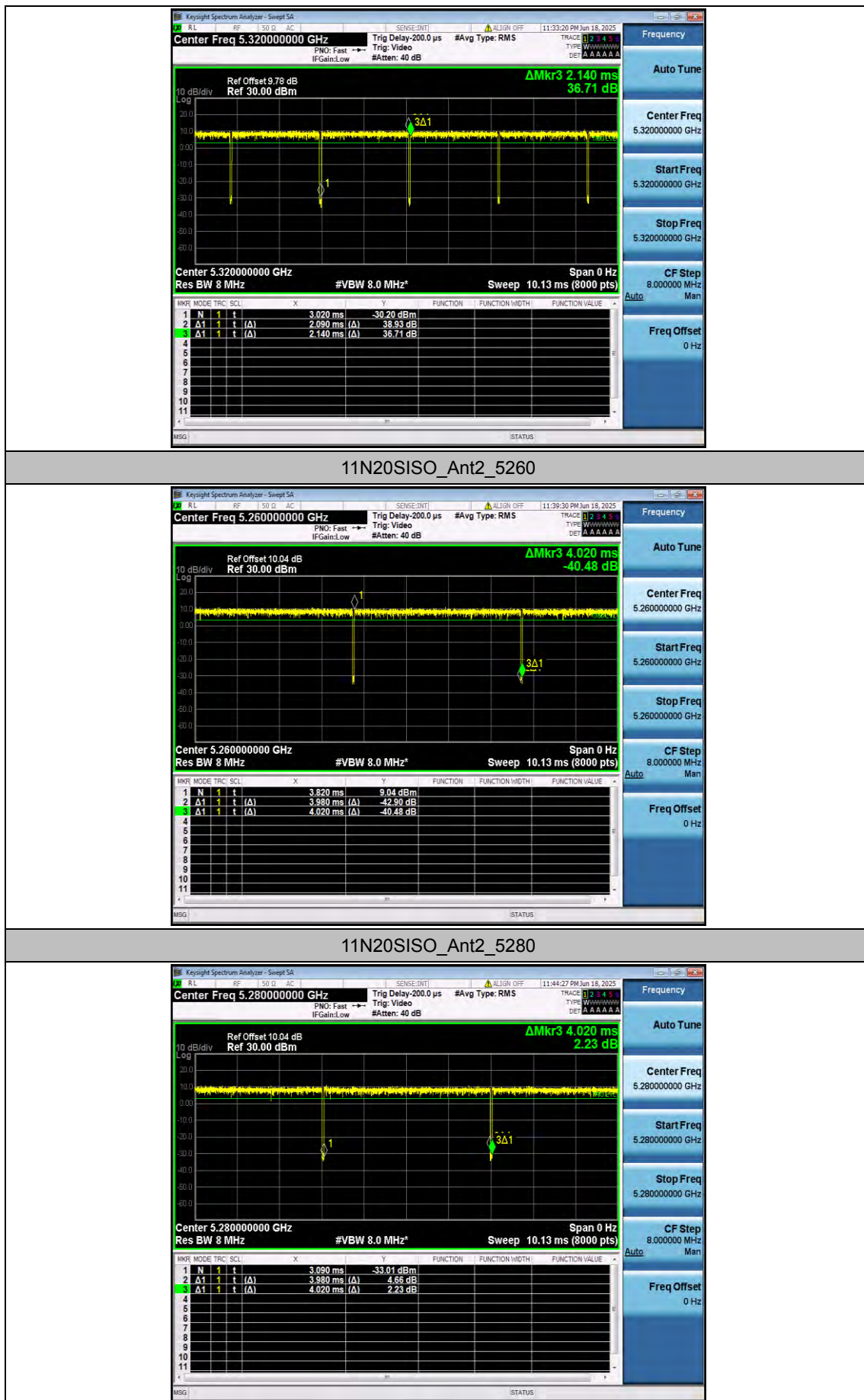
Appendix E.3: Duty Cycle

Test Result

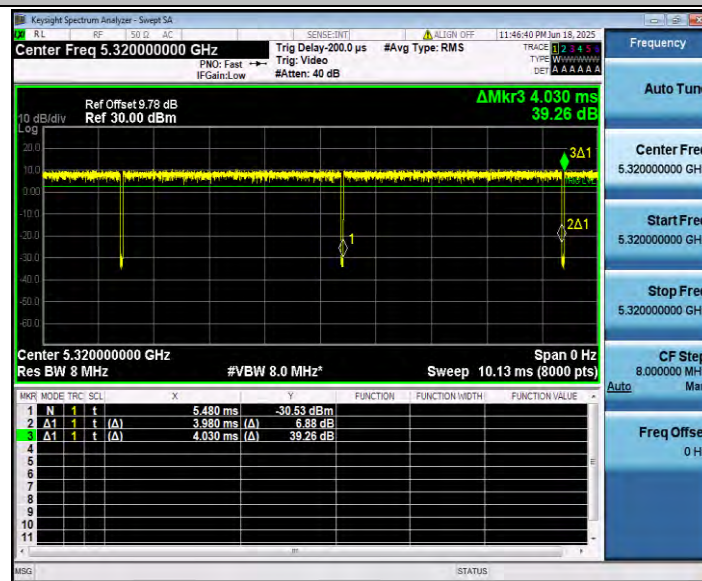
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5260	2.09	2.14	97.66	0.10	0.48
		5280	2.09	2.13	98.12	0.08	0.48
		5320	2.09	2.14	97.66	0.10	0.48
11N20SISO	Ant2	5260	3.98	4.02	99.00	0.04	0.25
		5280	3.98	4.02	99.00	0.04	0.25
		5320	3.98	4.03	98.76	0.05	0.25
11N40SISO	Ant2	5270	3.97	4.02	98.76	0.05	0.25
		5310	3.97	4.02	98.76	0.05	0.25
11AC20SISO	Ant2	5260	3.95	3.99	99.00	0.04	0.25
		5280	3.95	3.99	99.00	0.04	0.25
		5320	3.95	3.99	99.00	0.04	0.25
11AC40SISO	Ant2	5270	3.96	4.00	99.00	0.04	0.25
		5310	3.96	4.01	98.75	0.05	0.25
11AX20SISO	Ant2	5260	3.98	4.03	98.76	0.05	0.25
		5280	3.98	4.03	98.76	0.05	0.25
		5320	3.98	4.03	98.76	0.05	0.25
11AX40SISO	Ant2	5270	3.98	4.03	98.76	0.05	0.25
		5310	3.98	4.03	98.76	0.05	0.25

Test Graphs

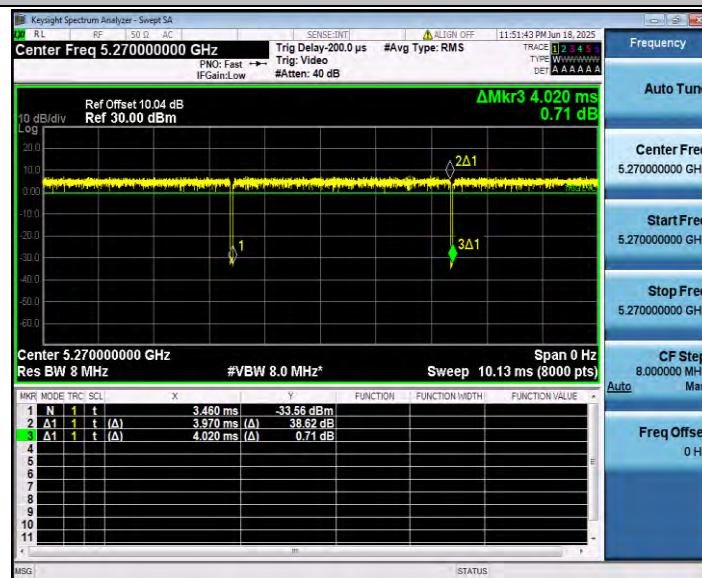




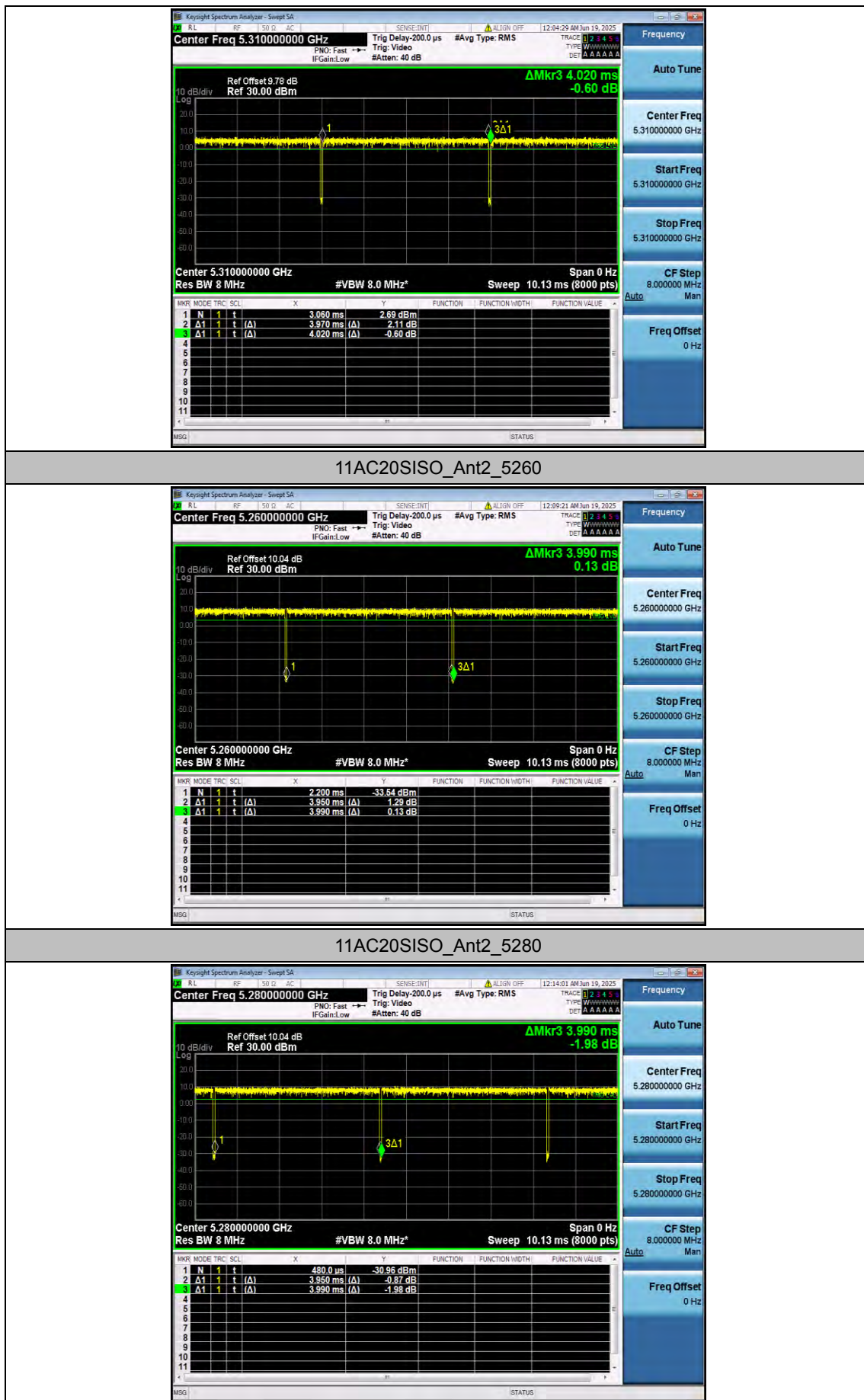
11N20SISO_Ant2_5320



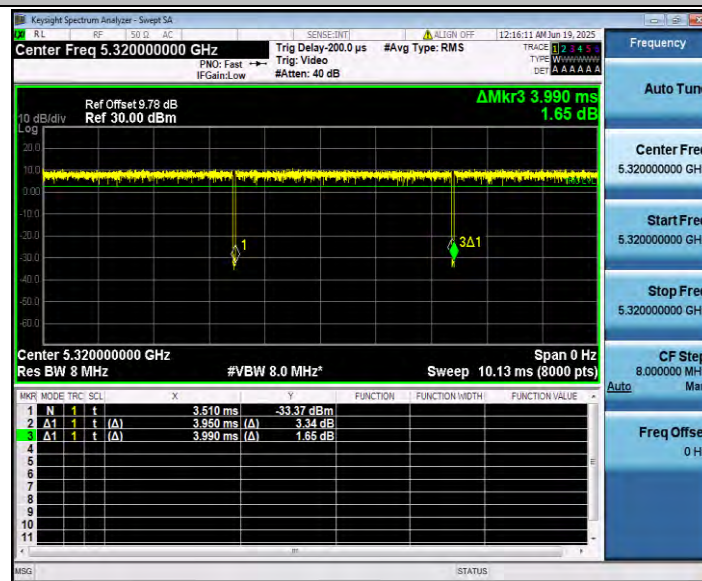
11N40SISO_Ant2_5270



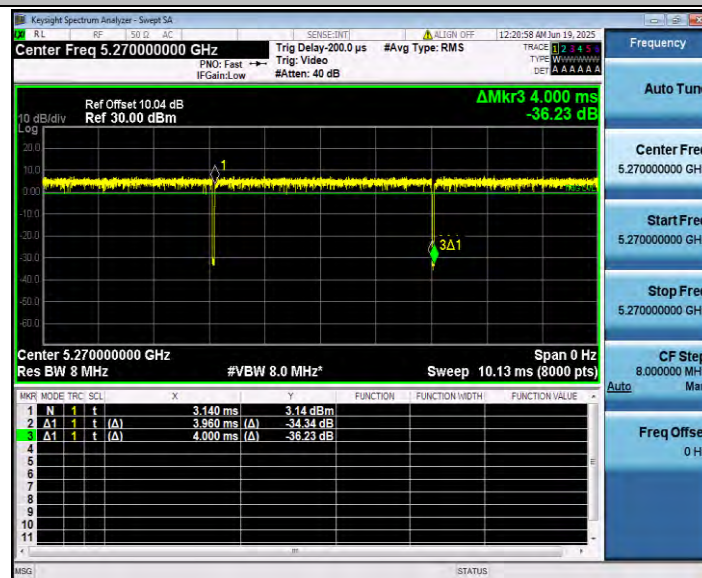
11N40SISO_Ant2_5310



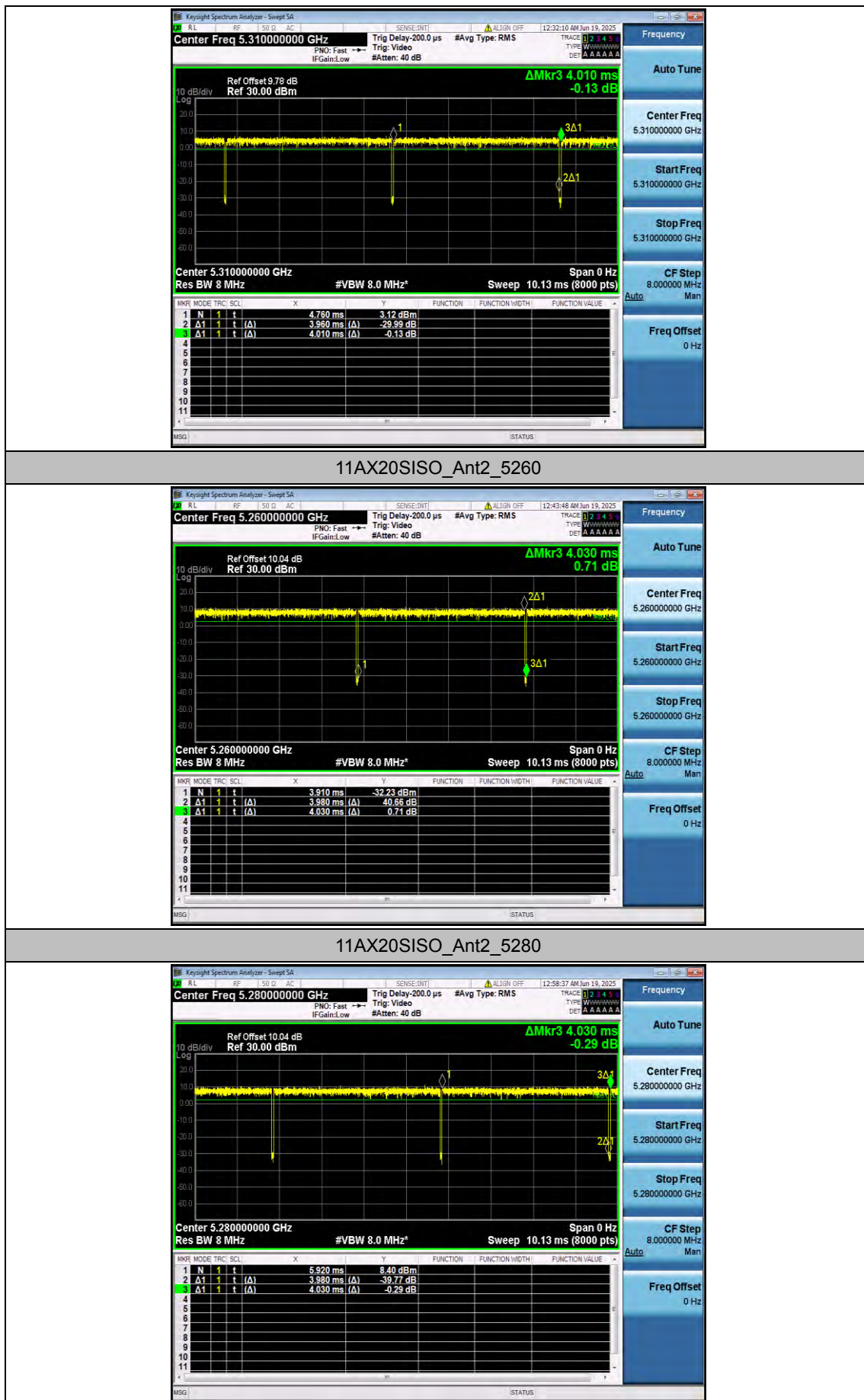
11AC20SISO_Ant2_5320



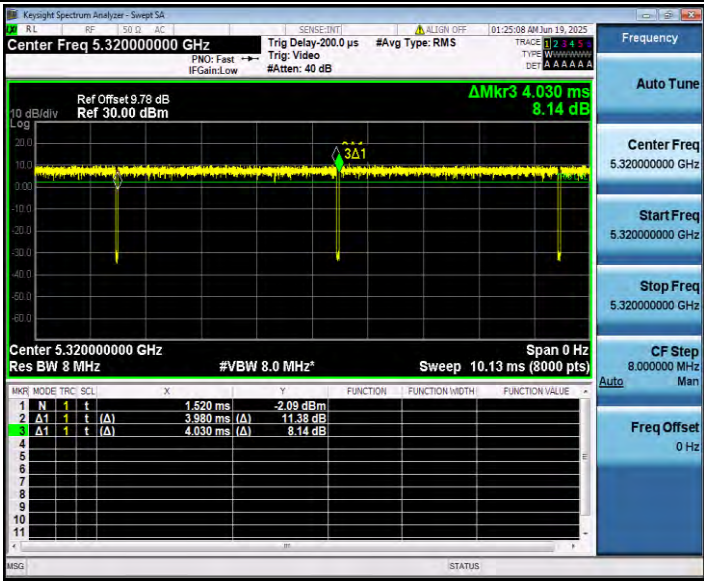
11AC40SISO_Ant2_5270



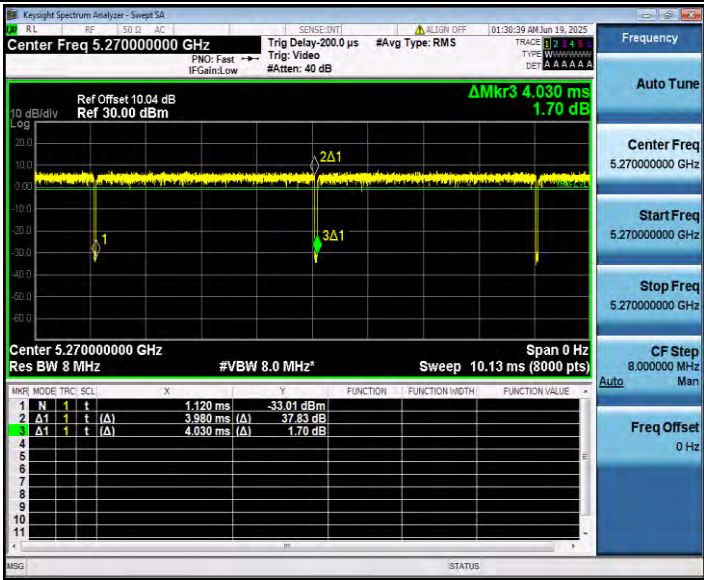
11AC40SISO_Ant2_5310



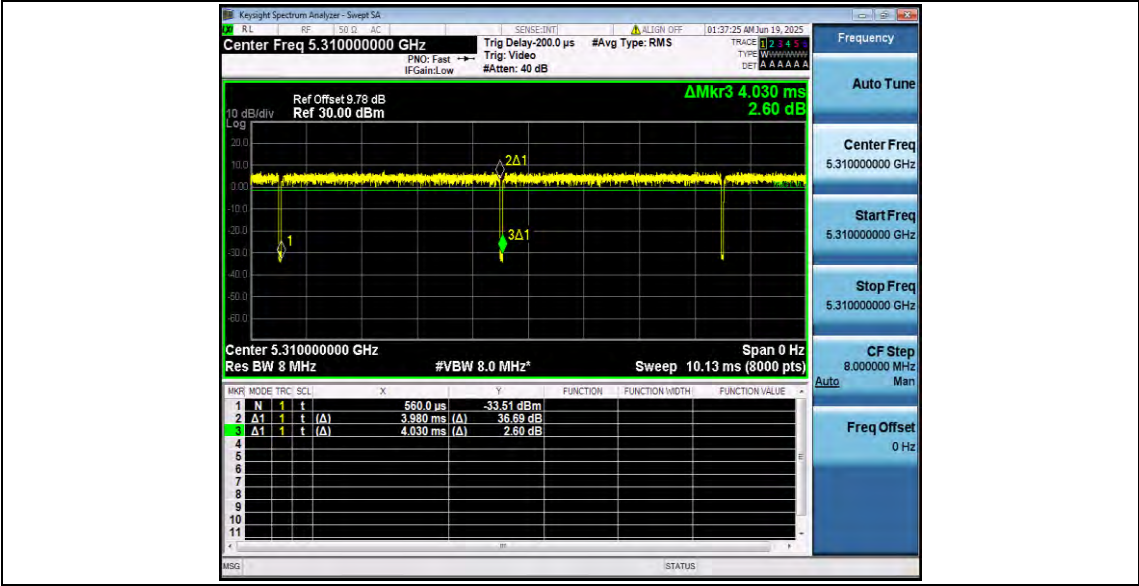
11AX20SISO_Ant2_5320



11AX40SISO_Ant2_5270



11AX40SISO_Ant2_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	Ant2	5260	13.82	97.66	0.10	13.92	≤23.98	PASS
		5280	11.05	98.12	0.08	11.13	≤23.98	PASS
		5320	10.67	97.66	0.10	10.77	≤23.98	PASS
11N20SIS O	Ant2	5260	11.05	99.00	0.04	11.09	≤23.98	PASS
		5280	10.76	99.00	0.04	10.80	≤23.98	PASS
		5320	10.59	98.76	0.05	10.64	≤23.98	PASS
11N40SIS O	Ant2	5270	11.02	98.76	0.05	11.07	≤23.98	PASS
		5310	10.57	98.76	0.05	10.62	≤23.98	PASS
11AC20SIS O	Ant2	5260	11.15	99.00	0.04	11.19	≤23.98	PASS
		5280	10.68	99.00	0.04	10.72	≤23.98	PASS
		5320	10.64	99.00	0.04	10.68	≤23.98	PASS
11AC40SIS O	Ant2	5270	11.02	99.00	0.04	11.06	≤23.98	PASS
		5310	10.60	98.75	0.05	10.65	≤23.98	PASS
11AX20SIS O	Ant2	5260	10.77	98.76	0.05	10.82	≤23.98	PASS
		5280	10.51	98.76	0.05	10.56	≤23.98	PASS
		5320	10.57	98.76	0.05	10.62	≤23.98	PASS
11AX40SIS O	Ant2	5270	10.68	98.76	0.05	10.73	≤23.98	PASS
		5310	10.29	98.76	0.05	10.34	≤23.98	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5260	2.97	≤11.00	PASS
		5280	0.20	≤11.00	PASS
		5320	0.07	≤11.00	PASS
11N20SISO	Ant2	5260	0.15	≤11.00	PASS
		5280	-0.22	≤11.00	PASS
		5320	-0.27	≤11.00	PASS
11N40SISO	Ant2	5270	-3.17	≤11.00	PASS
		5310	-3.59	≤11.00	PASS
11AC20SISO	Ant2	5260	0.11	≤11.00	PASS
		5280	-0.33	≤11.00	PASS
		5320	-0.26	≤11.00	PASS
11AC40SISO	Ant2	5270	-3.20	≤11.00	PASS
		5310	-3.55	≤11.00	PASS
11AX20SISO	Ant2	5260	-0.38	≤11.00	PASS
		5280	-0.76	≤11.00	PASS
		5320	-0.73	≤11.00	PASS
11AX40SISO	Ant2	5270	-3.79	≤11.00	PASS
		5310	-4.13	≤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

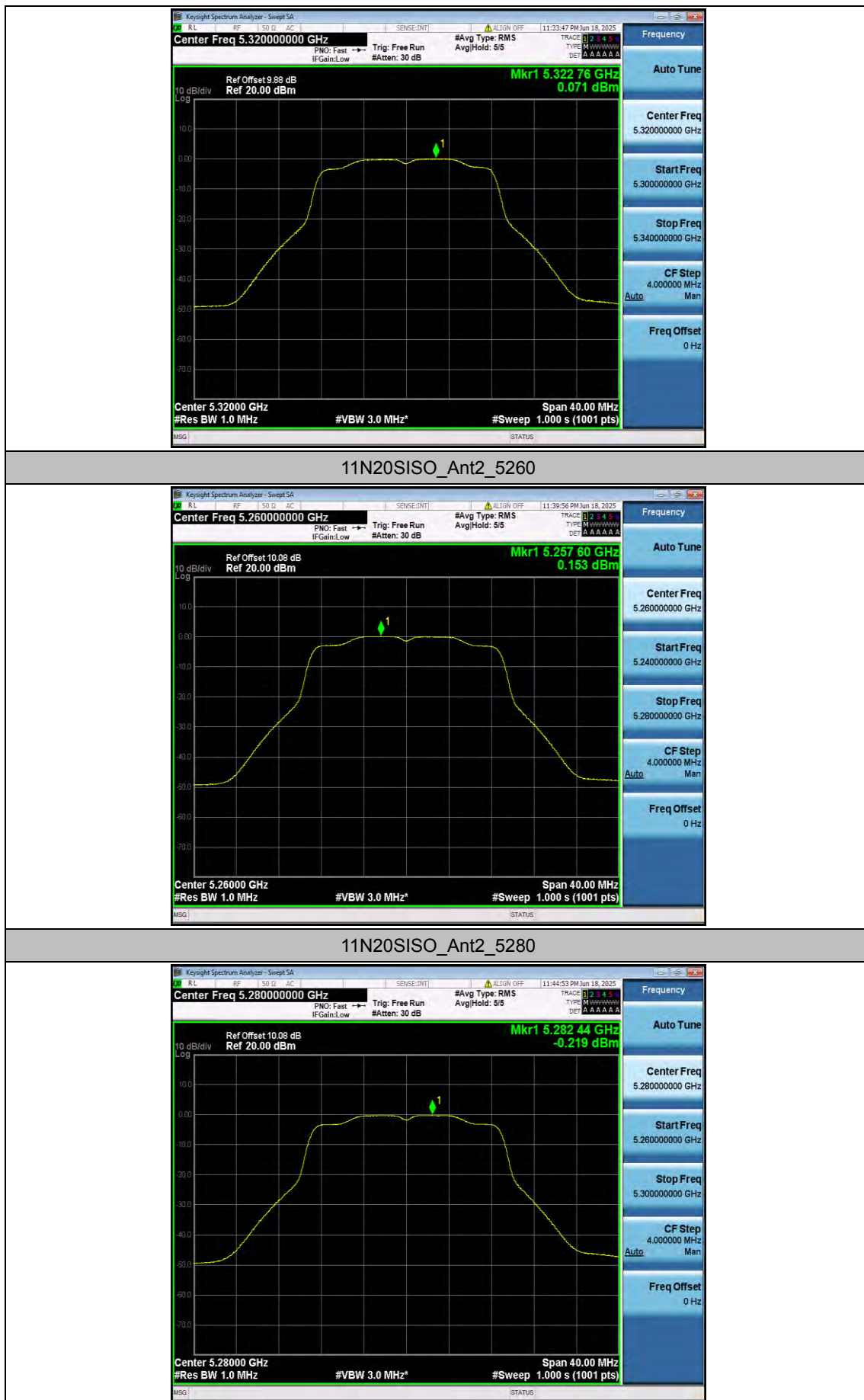
11A_Ant2_5260



11A_Ant2_5280



11A_Ant2_5320



11N20SISO_Ant2_5320



11N40SISO_Ant2_5270



11N40SISO_Ant2_5310



11AC20SISO_Ant2_5260



11AC20SISO_Ant2_5280



11AC20SISO_Ant2_5320



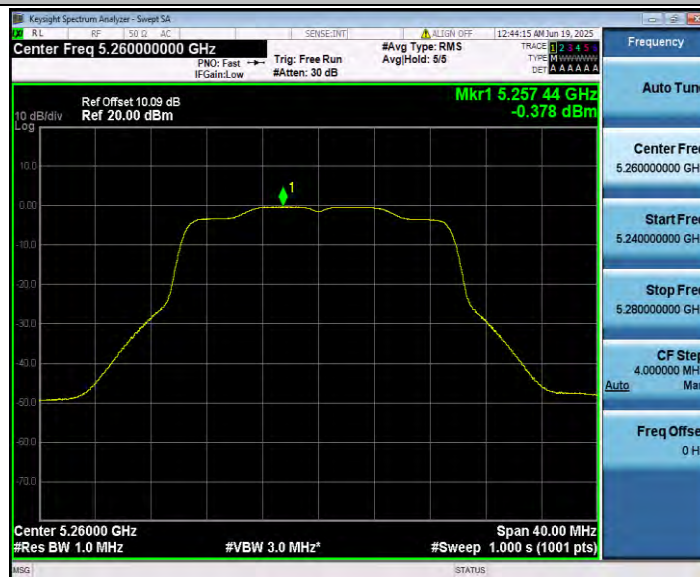
11AC40SISO_Ant2_5270



11AC40SISO_Ant2_5310



11AX20SISO_Ant2_5260



11AX20SISO_Ant2_5280



11AX20SISO_Ant2_5320



11AX40SISO_Ant2_5270



11AX40SISO_Ant2_5310

