

Case No. : <u>GTS20250225018-5-08</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.5.12</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5260	22.840	5248.560	5271.400	---	---
		5280	23.040	5268.240	5291.280	---	---
		5320	22.360	5308.880	5331.240	---	---
11N20SISO	Ant0	5260	22.840	5248.560	5271.400	---	---
		5280	22.920	5268.560	5291.480	---	---
		5320	22.840	5308.480	5331.320	---	---
11N40SISO	Ant0	5270	43.040	5248.400	5291.440	---	---
		5310	42.000	5289.040	5331.040	---	---
11AC20SISO	Ant0	5260	22.880	5248.560	5271.440	---	---
		5280	22.640	5268.680	5291.320	---	---
		5320	22.240	5308.960	5331.200	---	---
11AC40SISO	Ant0	5270	42.720	5248.400	5291.120	---	---
		5310	42.800	5288.640	5331.440	---	---
11AC80SISO	Ant0	5290	84.160	5248.240	5332.400	---	---
11AX20SISO	Ant0	5260	22.960	5248.240	5271.200	---	---
		5280	22.640	5268.600	5291.240	---	---
		5320	22.920	5308.600	5331.520	---	---
11AX40SISO	Ant0	5270	41.840	5248.880	5290.720	---	---
		5310	41.600	5289.360	5330.960	---	---
11AX80SISO	Ant0	5290	81.760	5249.200	5330.960	---	---

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



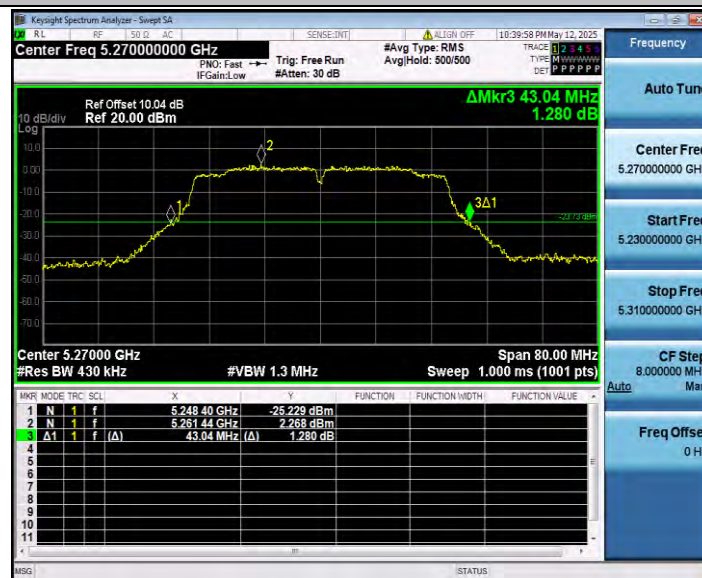
11N20SISO_Ant0_5280



11N20SISO_Ant0_5320



11N40SISO_Ant0_5270



11N40SISO_Ant0_5310



11AC20SISO_Ant0_5260



11AC20SISO_Ant0_5280



11AC20SISO_Ant0_5320

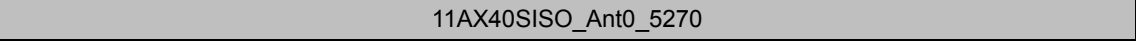
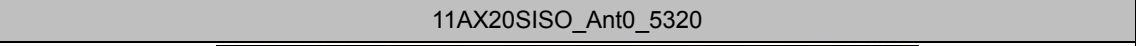


11AC40SISO_Ant0_5270



11AC40SISO_Ant0_5310





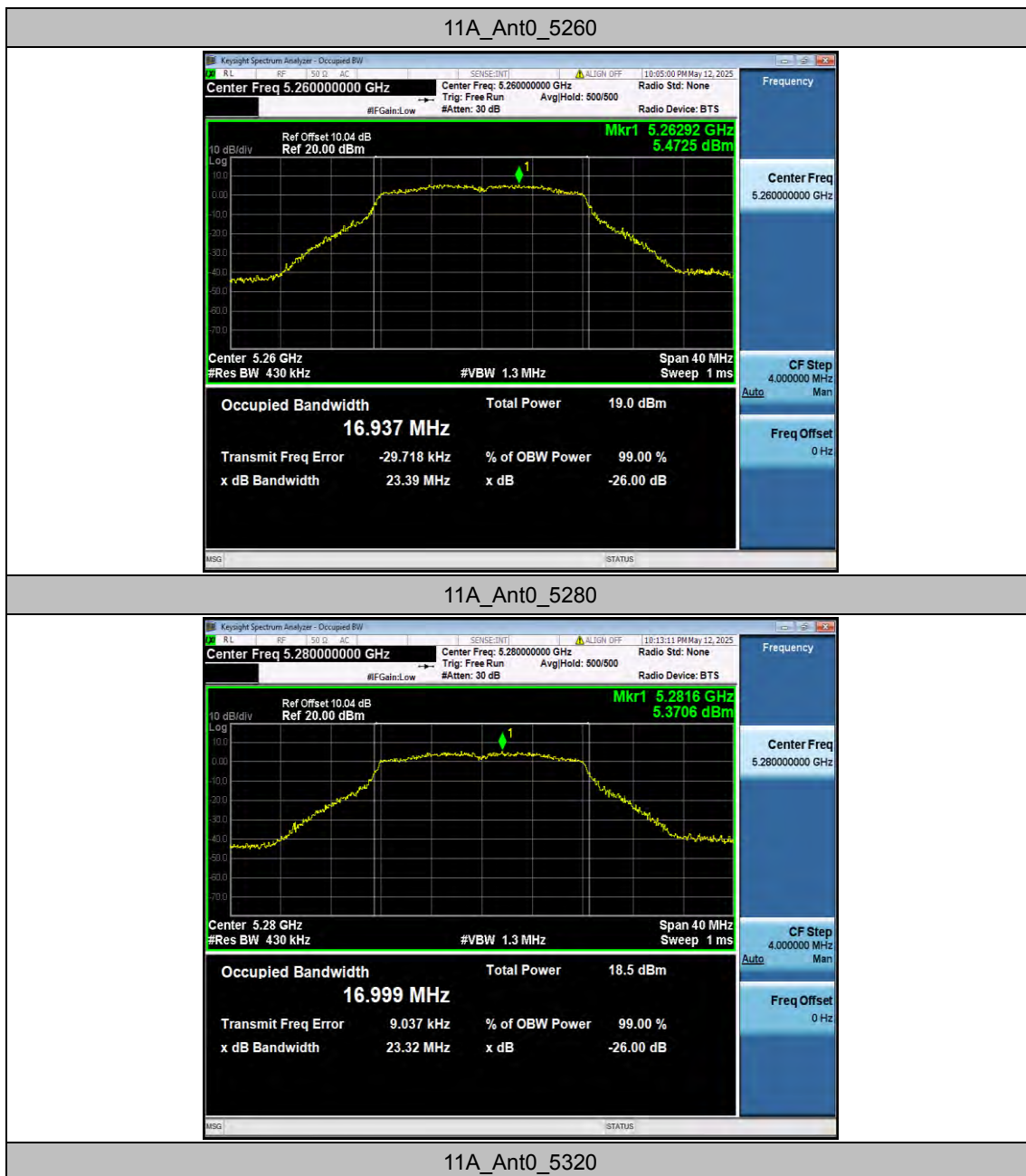


Appendix C.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5260	16.937	5251.5018	5268.4388	---	---
		5280	16.999	5271.5095	5288.5085	---	---
		5320	16.871	5311.6339	5328.5049	---	---
11N20SISO	Ant0	5260	17.991	5250.9982	5268.9892	---	---
		5280	18.039	5270.9962	5289.0352	---	---
		5320	18.039	5310.9895	5329.0285	---	---
11N40SISO	Ant0	5270	36.207	5251.8914	5288.0984	---	---
		5310	36.204	5291.9554	5328.1594	---	---
11AC20SISO	Ant0	5260	17.941	5251.0095	5268.9505	---	---
		5280	17.963	5271.0347	5288.9977	---	---
		5320	17.959	5311.0781	5329.0371	---	---
11AC40SISO	Ant0	5270	36.238	5251.8825	5288.1205	---	---
		5310	36.197	5291.9735	5328.1705	---	---
11AC80SISO	Ant0	5290	75.359	5252.3795	5327.7385	---	---
11AX20SISO	Ant0	5260	18.948	5250.5013	5269.4493	---	---
		5280	18.960	5270.5111	5289.4711	---	---
		5320	18.909	5310.5567	5329.4657	---	---
11AX40SISO	Ant0	5270	37.655	5251.1736	5288.8286	---	---
		5310	37.580	5291.2499	5328.8299	---	---
11AX80SISO	Ant0	5290	76.699	5251.7689	5328.4679	---	---

Test Graphs





11N20SISO_Ant0_5260



11N20SISO_Ant0_5280



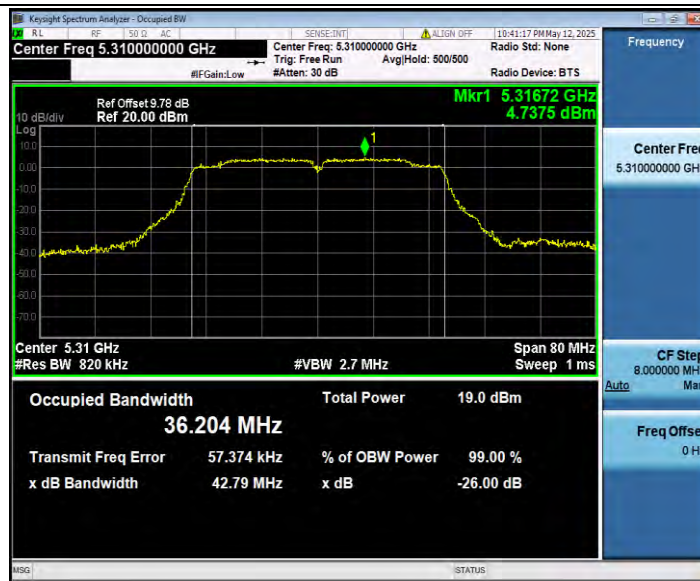
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11N40SISO_Ant0_5270



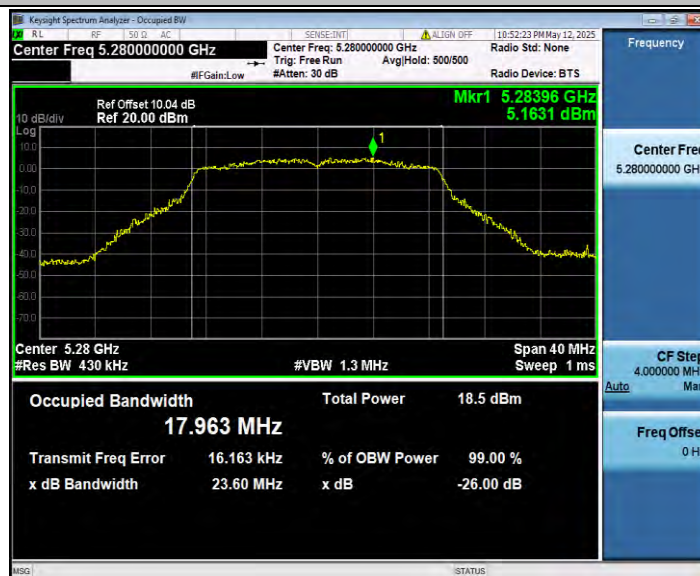
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11AC20SISO_Ant0_5260



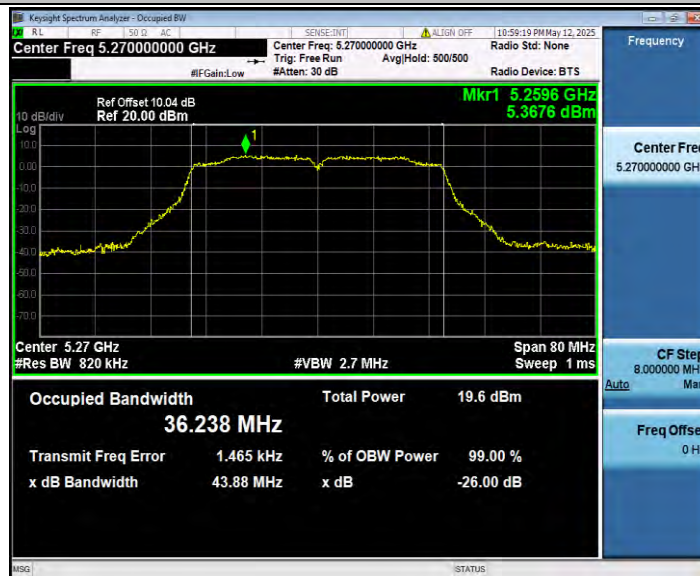
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11AC20SISO_Ant0_5320



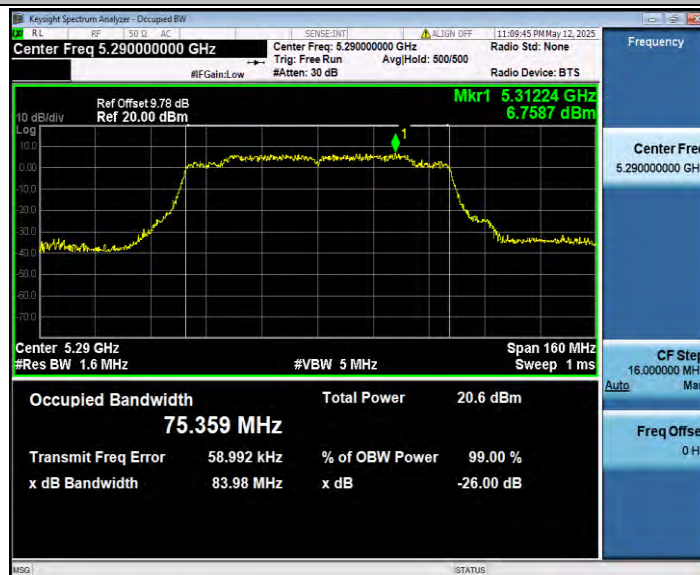
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11AC40SISO_Ant0_5310



11AC80SISO_Ant0_5290



11AX20SISO_Ant0_5260



11AX20SISO_Ant0_5280



11AX20SISO_Ant0_5320



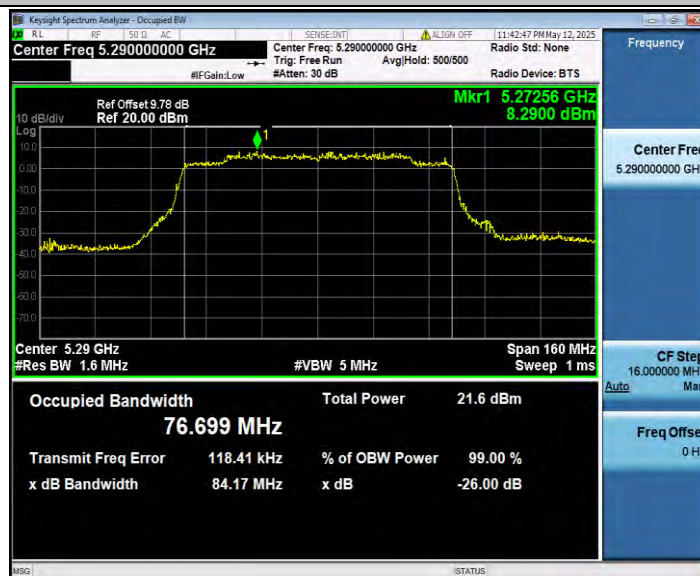
11AX40SISO_Ant0_5270



11AX40SISO_Ant0_5310



11AX80SISO_Ant0_5290

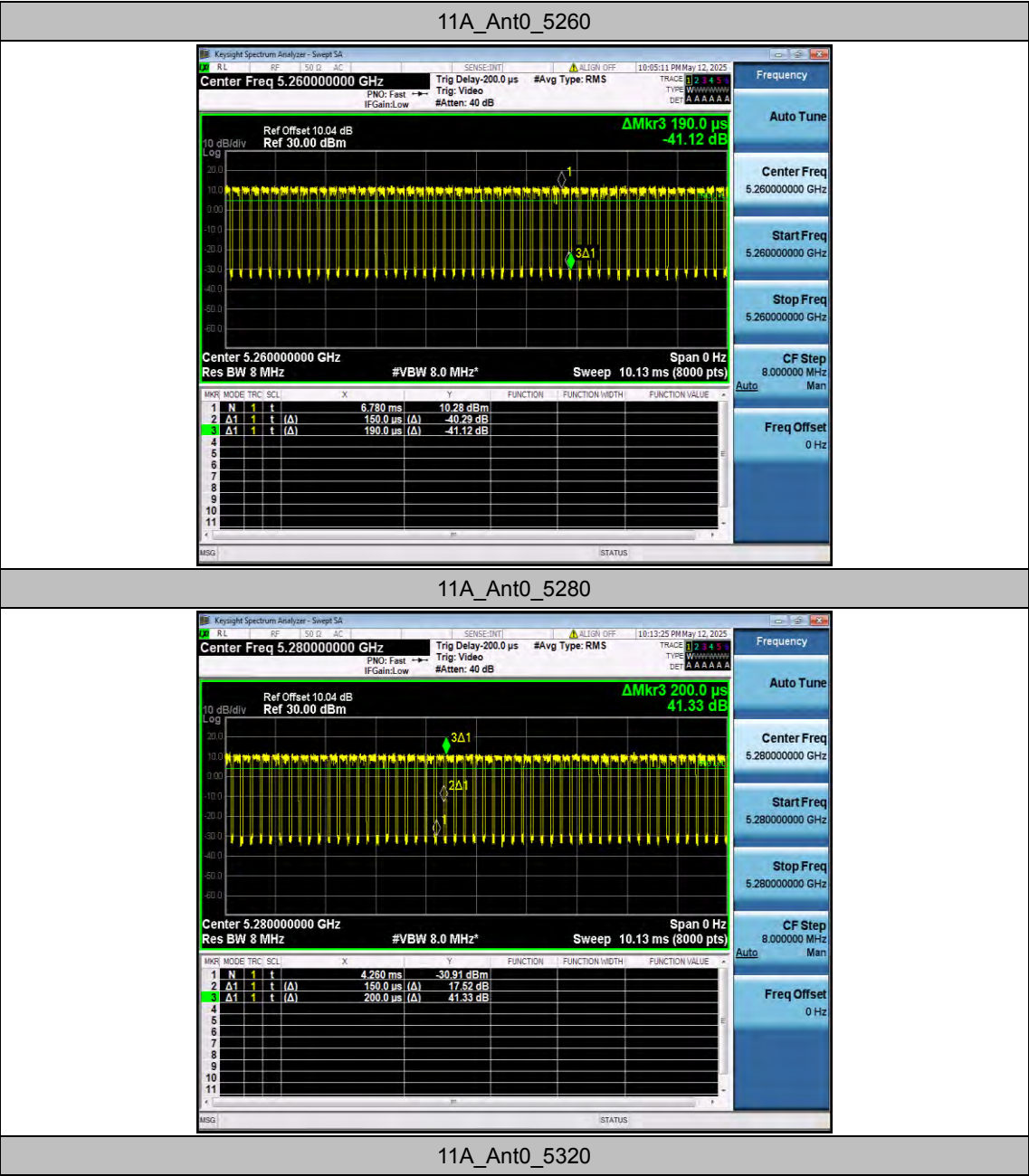


Appendix C.3: Duty Cycle

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	0.15	0.19	78.95	1.03	6.67
		5280	0.15	0.20	75.00	1.25	6.67
		5320	0.15	0.20	75.00	1.25	6.67
11N20SISO	Ant0	5260	0.17	0.22	77.27	1.12	5.88
		5280	0.18	0.23	78.26	1.06	5.56
		5320	0.18	0.23	78.26	1.06	5.56
11N40SISO	Ant0	5270	0.18	0.23	78.26	1.06	5.56
		5310	0.18	0.23	78.26	1.06	5.56
11AC20SISO	Ant0	5260	0.16	0.21	76.19	1.18	6.25
		5280	0.16	0.21	76.19	1.18	6.25
		5320	0.16	0.21	76.19	1.18	6.25
11AC40SISO	Ant0	5270	0.15	0.20	75.00	1.25	6.67
		5310	0.15	0.20	75.00	1.25	6.67
11AC80SISO	Ant0	5290	0.16	0.21	76.19	1.18	6.25
11AX20SISO	Ant0	5260	0.17	0.22	77.27	1.12	5.88
		5280	0.18	0.23	78.26	1.06	5.56
		5320	0.18	0.23	78.26	1.06	5.56
11AX40SISO	Ant0	5270	0.17	0.22	77.27	1.12	5.88
		5310	0.17	0.22	77.27	1.12	5.88
11AX80SISO	Ant0	5290	0.18	0.23	78.26	1.06	5.56

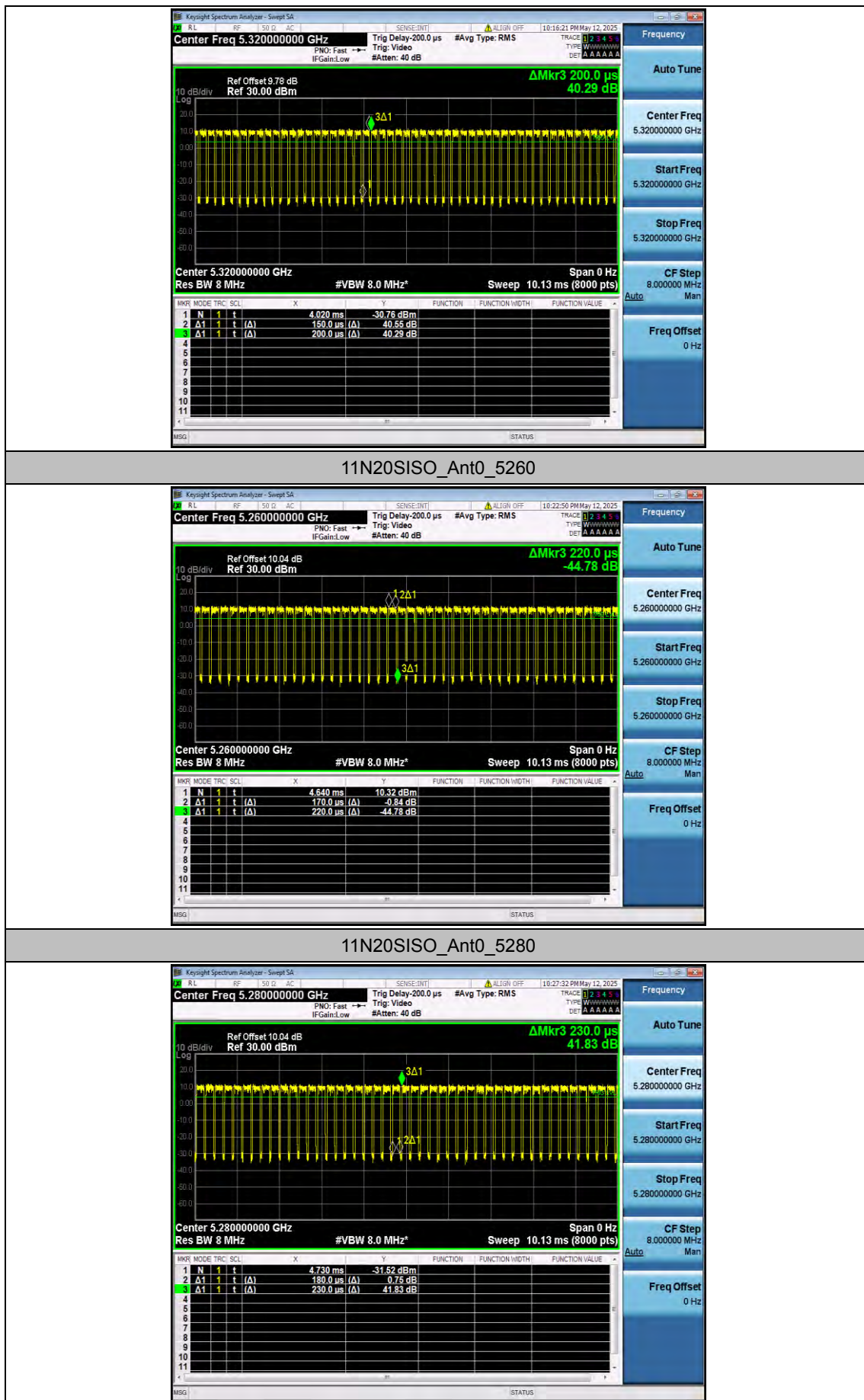
Test Graphs



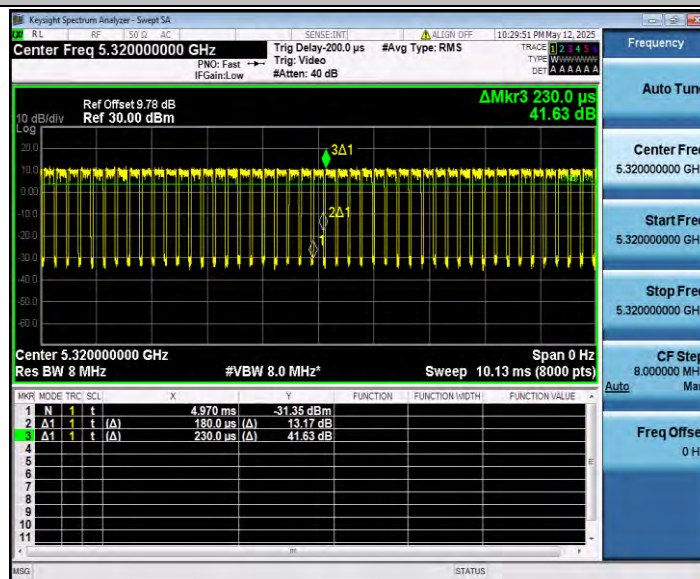
11A_Ant0_5280

Frequency
Auto Tune
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Start Freq 5.280000000 GHz
Stop Freq 5.280000000 GHz
CF Step 8.0000000 MHz
Freq Offset 0 Hz

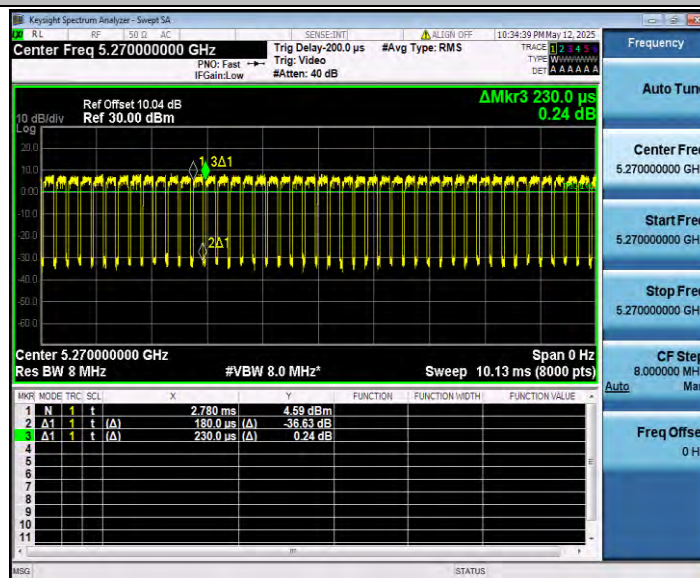
11A_Ant0_5320



11N20SISO_Ant0_5320



11N40SISO_Ant0_5270



11N40SISO_Ant0_5310

