

Case No. : <u>GTS20250225018-5-08</u>	
Ambient Condition: <u>23</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.5.13</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	Ant1	5260	22.520	5248.480	5271.000	---	---
		5280	23.160	5268.440	5291.600	---	---
		5320	22.600	5308.880	5331.480	---	---
11N20SISO	Ant1	5260	23.720	5248.040	5271.760	---	---
		5280	23.160	5268.480	5291.640	---	---
		5320	22.960	5308.640	5331.600	---	---
11N40SISO	Ant1	5270	42.800	5248.560	5291.360	---	---
		5310	42.720	5288.400	5331.120	---	---
11AC20SISO	Ant1	5260	22.840	5248.640	5271.480	---	---
		5280	22.800	5268.280	5291.080	---	---
		5320	22.800	5308.640	5331.440	---	---
11AC40SISO	Ant1	5270	43.280	5248.560	5291.840	---	---
		5310	42.320	5289.040	5331.360	---	---
11AC80SISO	Ant1	5290	86.080	5247.760	5333.840	---	---
11AX20SISO	Ant1	5260	22.480	5248.640	5271.120	---	---
		5280	22.920	5268.280	5291.200	---	---
		5320	22.520	5308.560	5331.080	---	---
11AX40SISO	Ant1	5270	41.040	5249.520	5290.560	---	---
		5310	42.080	5288.880	5330.960	---	---
11AX80SISO	Ant1	5290	82.080	5249.040	5331.120	---	---

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



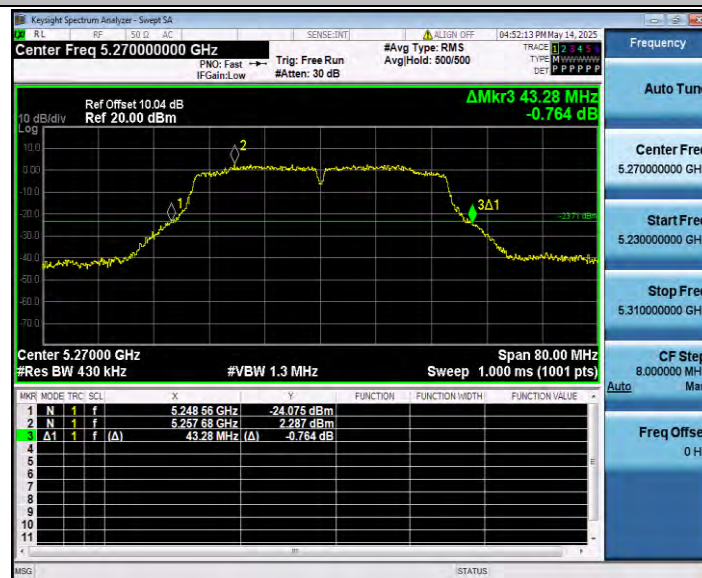
11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290



Appendix C.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	17.008	5251.4548	5268.4628	---	---
		5280	16.984	5271.5056	5288.4896	---	---
		5320	16.970	5311.5557	5328.5257	---	---
11N20SISO	Ant1	5260	17.993	5250.9914	5268.9844	---	---
		5280	17.998	5271.0129	5289.0109	---	---
		5320	18.020	5311.0472	5329.0672	---	---
11N40SISO	Ant1	5270	36.193	5251.9199	5288.1129	---	---
		5310	36.242	5291.9527	5328.1947	---	---
11AC20SISO	Ant1	5260	17.969	5250.9909	5268.9599	---	---
		5280	17.977	5271.0266	5289.0036	---	---
		5320	17.960	5311.0626	5329.0226	---	---
11AC40SISO	Ant1	5270	36.199	5251.8946	5288.0936	---	---
		5310	36.194	5291.9754	5328.1694	---	---
11AC80SISO	Ant1	5290	75.332	5252.4357	5327.7677	---	---
11AX20SISO	Ant1	5260	18.958	5250.5049	5269.4629	---	---
		5280	18.946	5270.5233	5289.4693	---	---
		5320	18.976	5310.5384	5329.5144	---	---
11AX40SISO	Ant1	5270	37.549	5251.2303	5288.7793	---	---
		5310	37.575	5291.2339	5328.8089	---	---
11AX80SISO	Ant1	5290	76.928	5251.5879	5328.5159	---	---

Test Graphs

11A_Ant1_5260



11A_Ant1_5280



11A_Ant1_5320



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



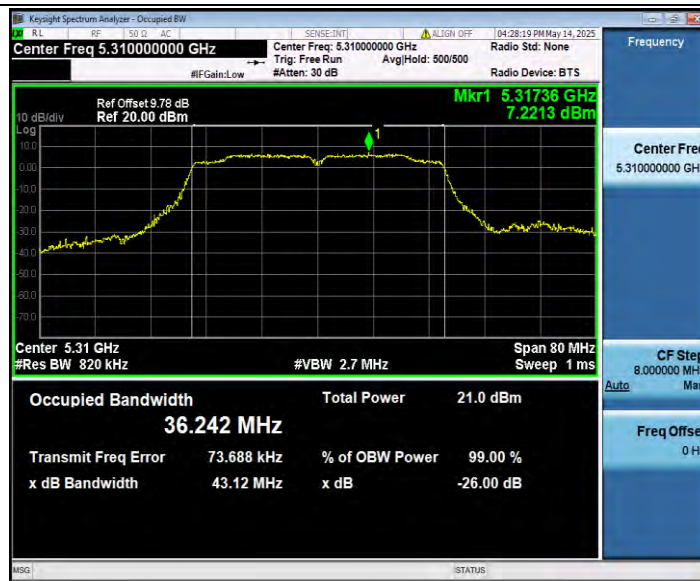
11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



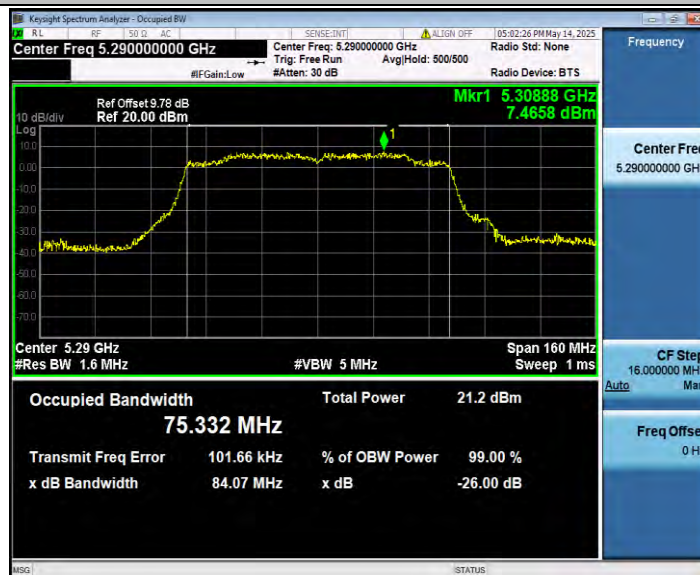
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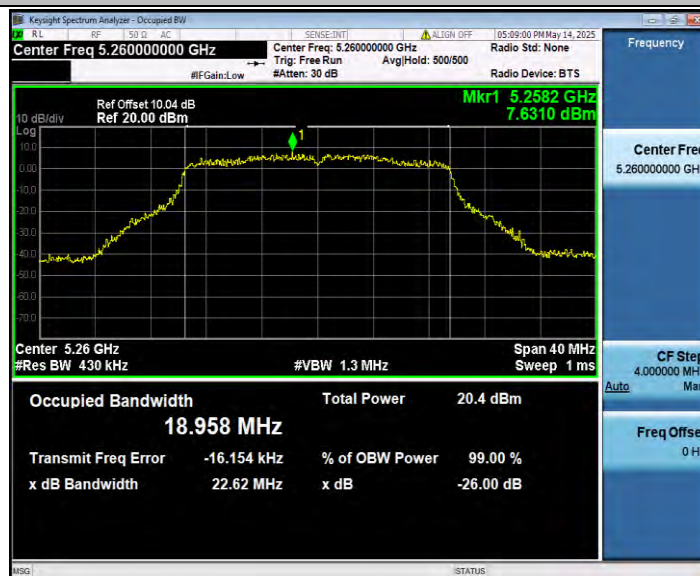
11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



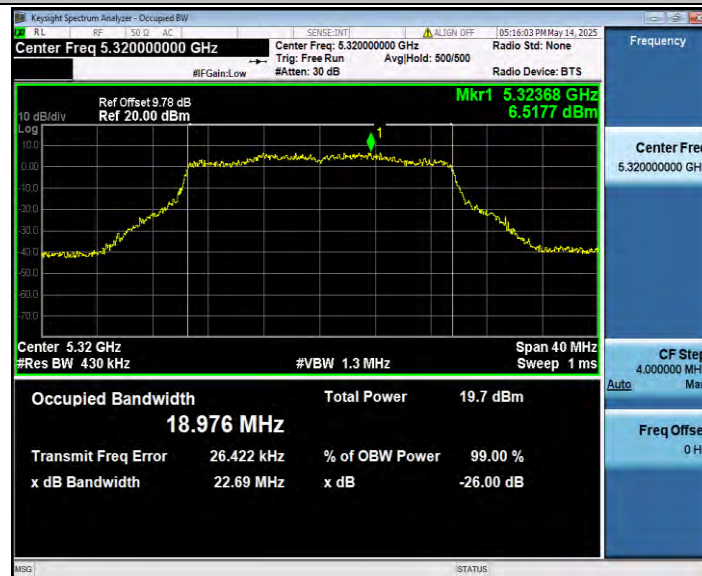
11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



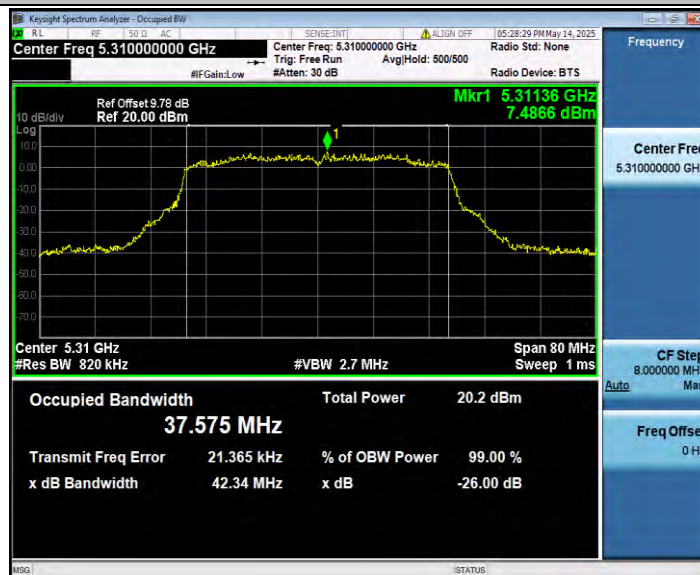
11AX20SISO_Ant1_5320



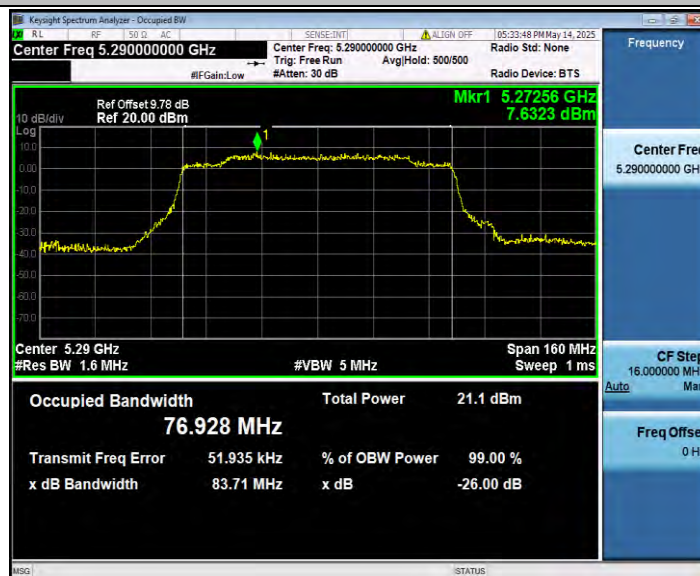
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

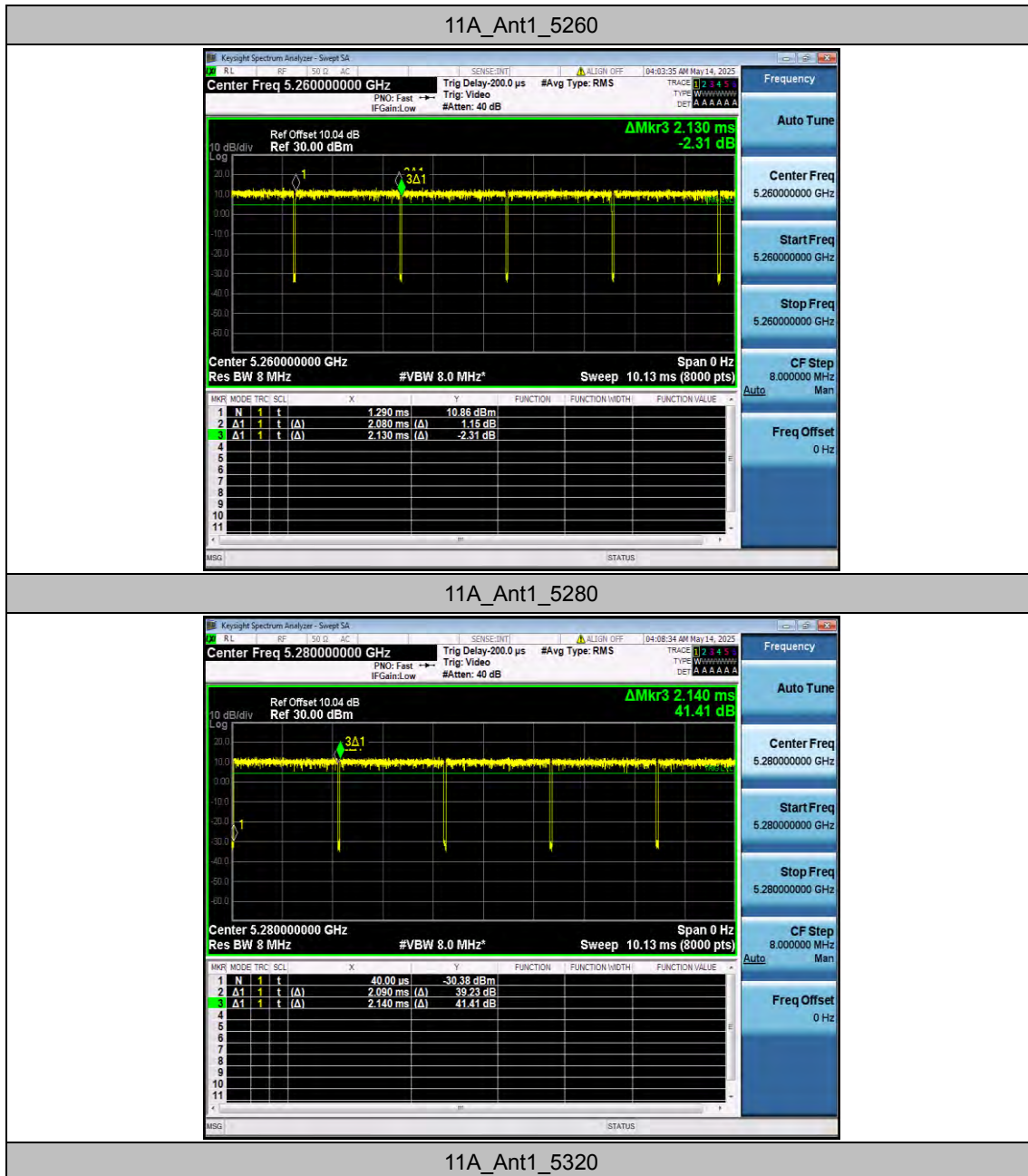


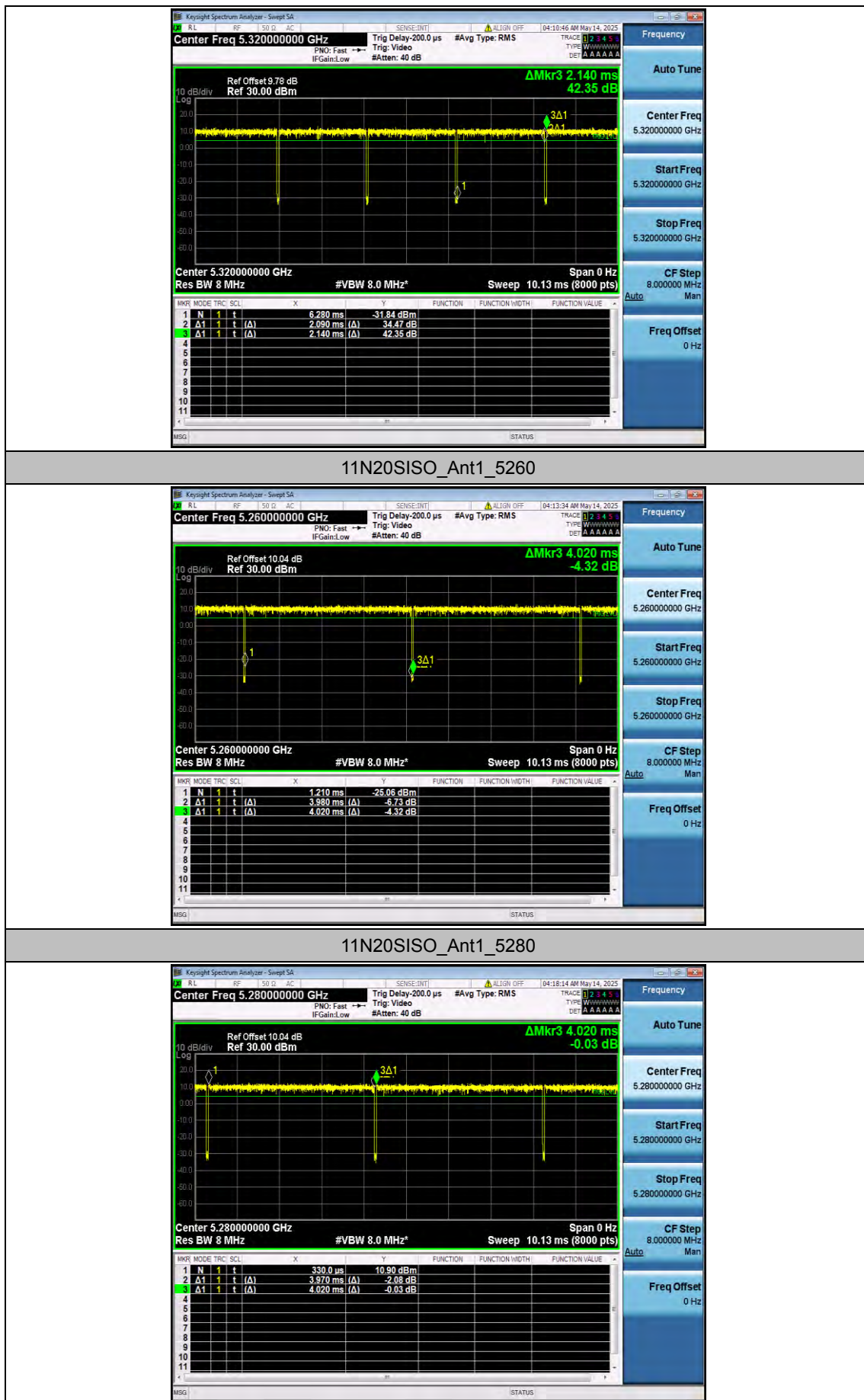
Appendix C.3: Duty Cycle

Test Result

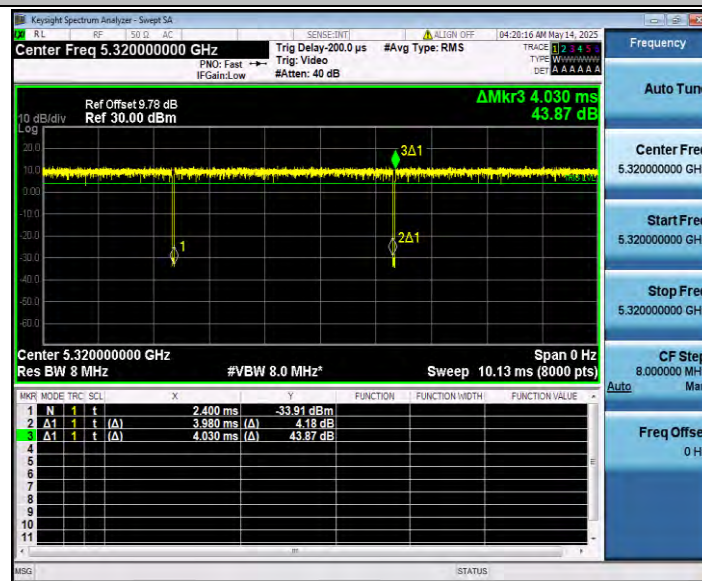
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	2.08	2.13	97.65	0.10	0.48
		5280	2.09	2.14	97.66	0.10	0.48
		5320	2.09	2.14	97.66	0.10	0.48
11N20SISO	Ant1	5260	3.98	4.02	99.00	0.04	0.25
		5280	3.97	4.02	98.76	0.05	0.25
		5320	3.98	4.03	98.76	0.05	0.25
11N40SISO	Ant1	5270	0.18	0.23	78.26	1.06	5.56
		5310	0.18	0.23	78.26	1.06	5.56
11AC20SISO	Ant1	5260	0.17	0.22	77.27	1.12	5.88
		5280	0.17	0.21	80.95	0.92	5.88
		5320	0.16	0.21	76.19	1.18	6.25
11AC40SISO	Ant1	5270	0.15	0.20	75.00	1.25	6.67
		5310	0.16	0.21	76.19	1.18	6.25
11AC80SISO	Ant1	5290	0.16	0.21	76.19	1.18	6.25
11AX20SISO	Ant1	5260	0.17	0.22	77.27	1.12	5.88
		5280	0.17	0.22	77.27	1.12	5.88
		5320	0.18	0.23	78.26	1.06	5.56
11AX40SISO	Ant1	5270	0.17	0.22	77.27	1.12	5.88
		5310	0.17	0.22	77.27	1.12	5.88
11AX80SISO	Ant1	5290	0.18	0.23	78.26	1.06	5.56

Test Graphs

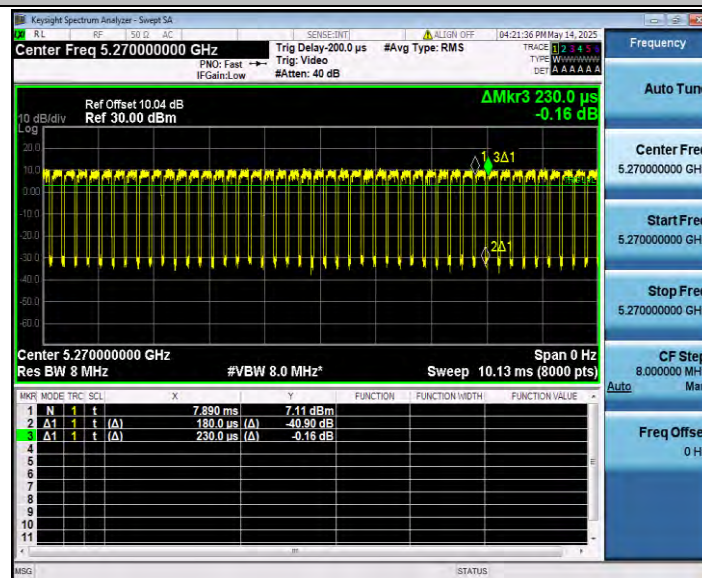




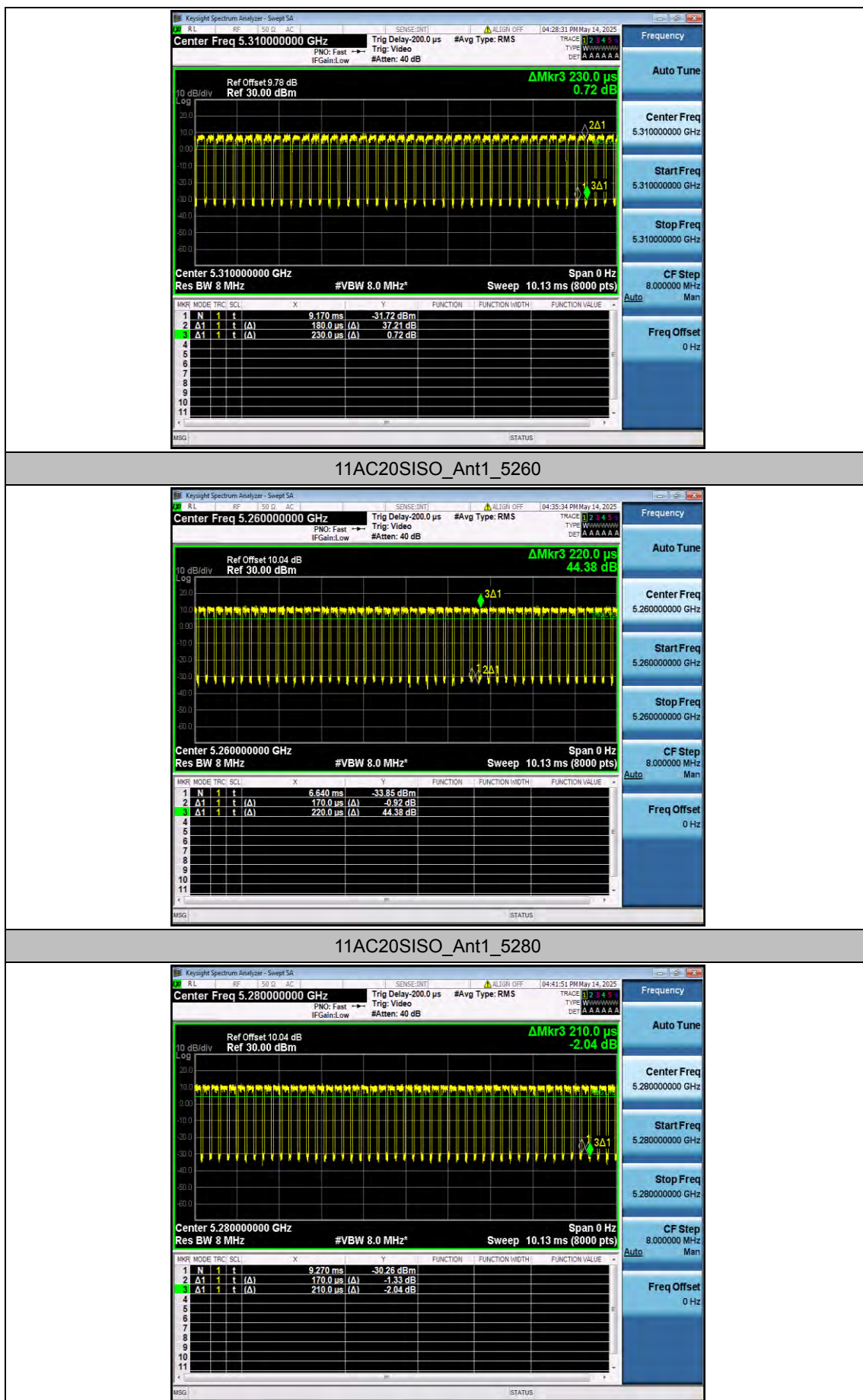
11N20SISO_Ant1_5320



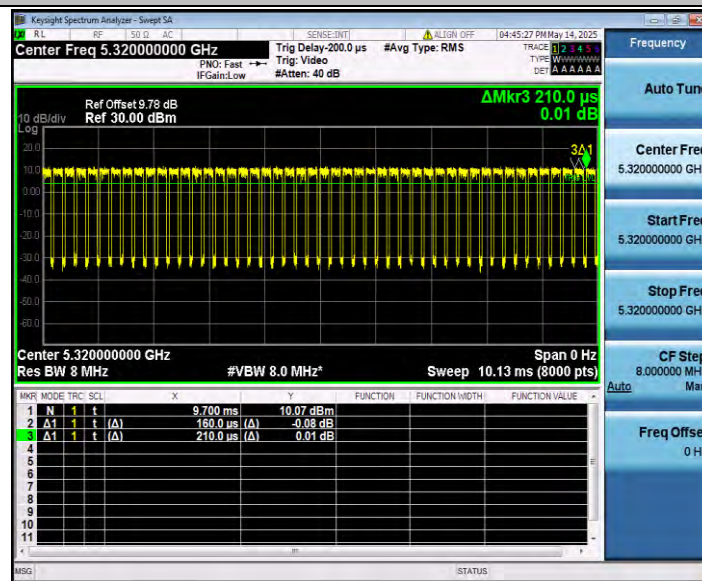
11N40SISO_Ant1_5270



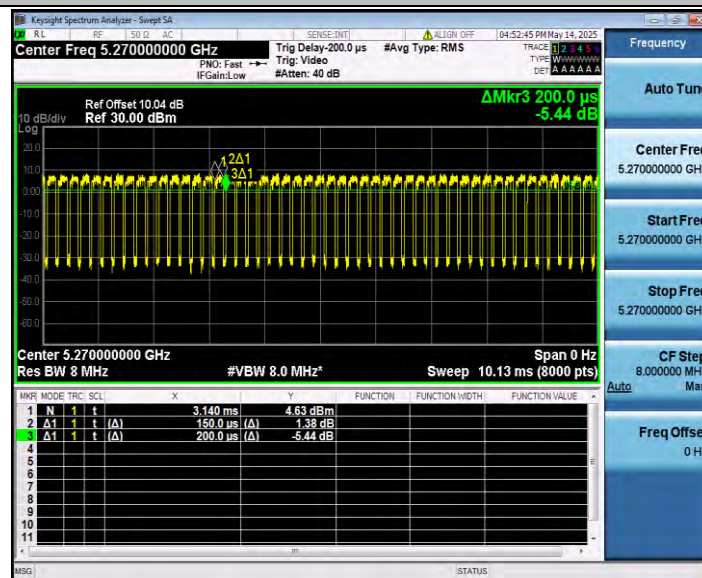
11N40SISO_Ant1_5310



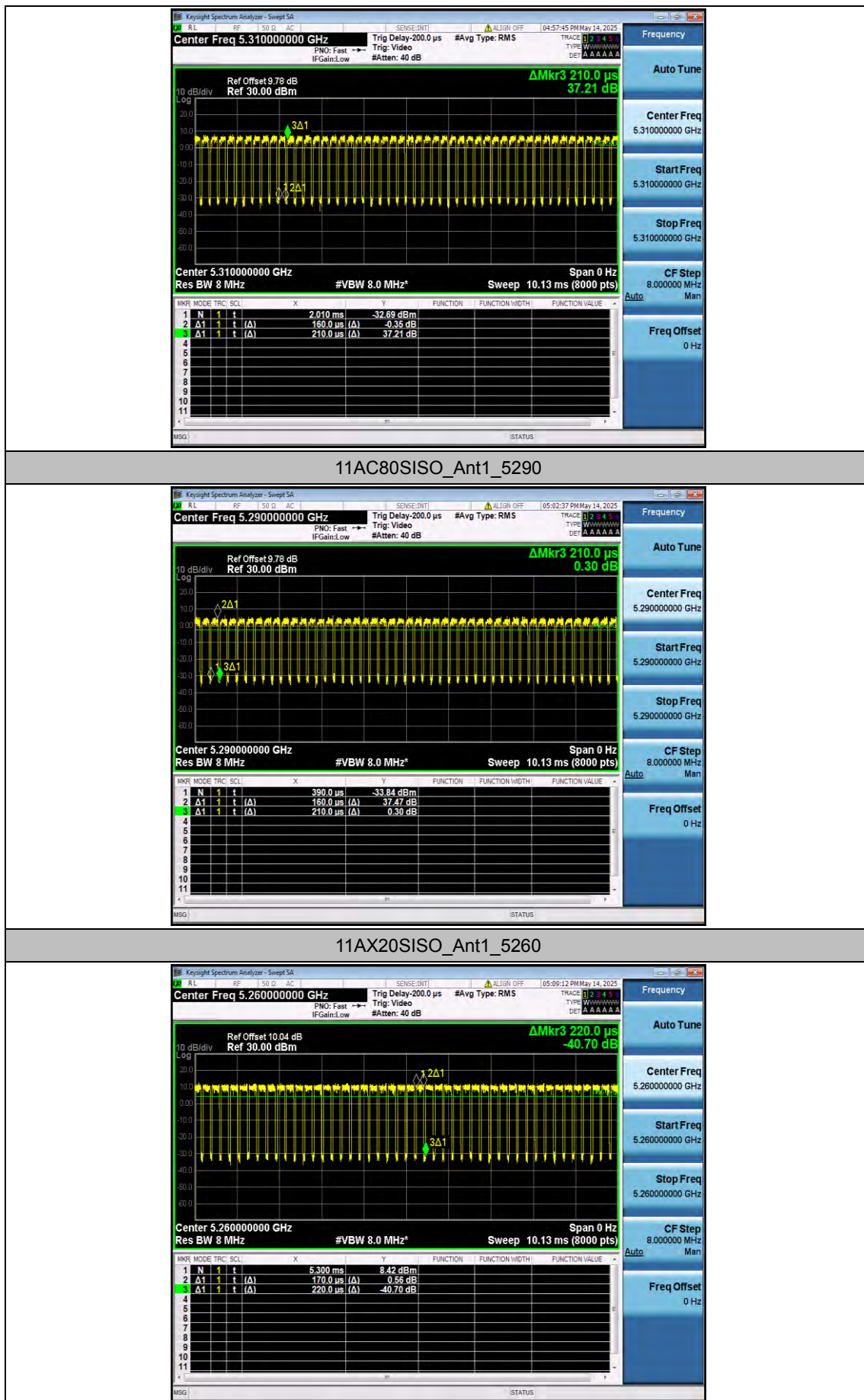
11AC20SISO_Ant1_5320



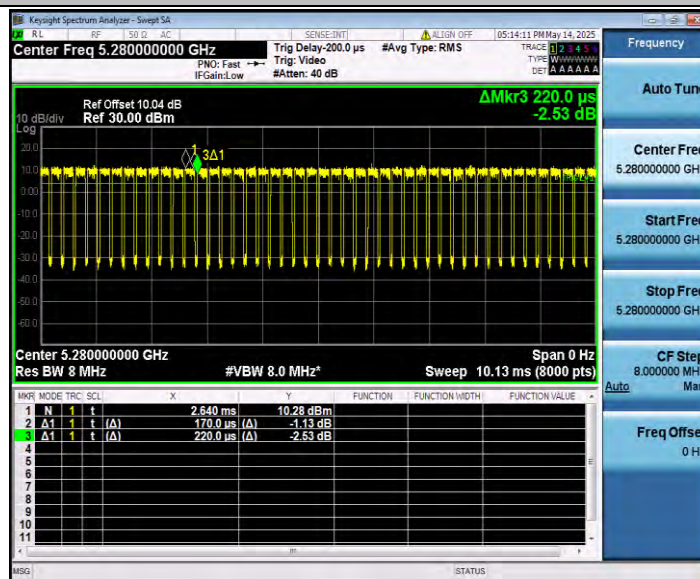
11AC40SISO_Ant1_5270



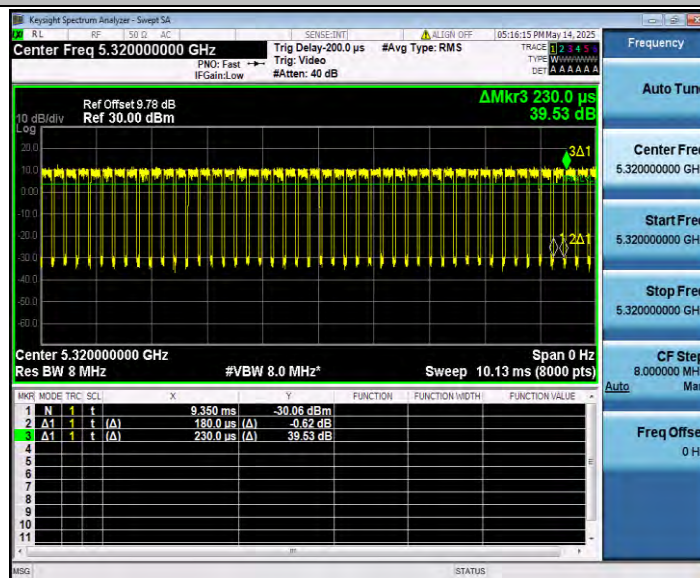
11AC40SISO_Ant1_5310



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270

