

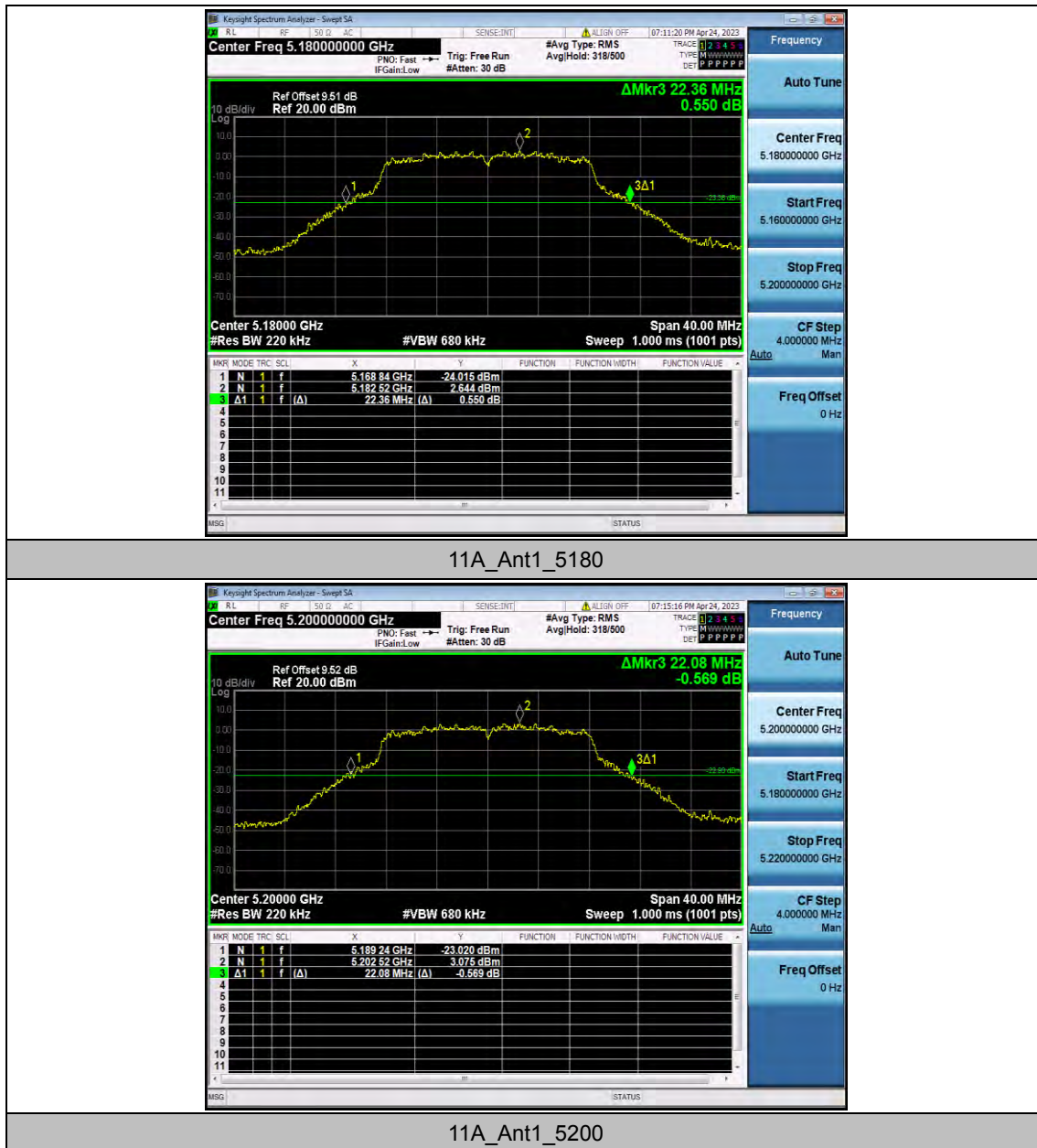
Case No. : <u>GTS20230321014-1-4</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.4.24</u>	Test Engineer: <u>Jenny zeng</u>

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.360	5168.840	5191.200	---	---
		5200	22.080	5189.240	5211.320	---	---
		5240	22.600	5228.960	5251.560	---	---
11N20SISO	Ant1	5180	22.120	5169.080	5191.200	---	---
		5200	22.120	5189.200	5211.320	---	---
		5240	22.680	5228.680	5251.360	---	---
11N40SISO	Ant1	5190	42.560	5169.200	5211.760	---	---
		5230	42.880	5208.800	5251.680	---	---
11AC20SISO	Ant1	5180	22.360	5168.840	5191.200	---	---
		5200	23.000	5188.600	5211.600	---	---
		5240	22.760	5228.800	5251.560	---	---
11AC40SISO	Ant1	5190	42.800	5169.360	5212.160	---	---
		5230	42.160	5209.200	5251.360	---	---
11AC80SISO	Ant1	5210	84.480	5168.720	5253.200	---	---
11AX20SISO	Ant1	5180	23.000	5168.800	5191.800	---	---
		5200	22.440	5189.040	5211.480	---	---
		5240	22.800	5228.840	5251.640	---	---
11AX40SISO	Ant1	5190	41.920	5169.680	5211.600	---	---
		5230	42.000	5208.880	5250.880	---	---
11AX80SISO	Ant1	5210	82.560	5169.200	5251.760	---	---

Test Graphs





11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



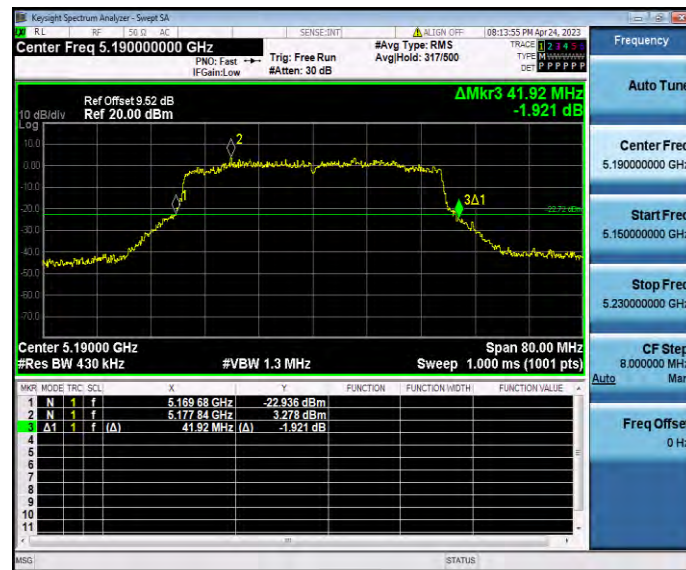
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.014	5171.557	5188.571	---	---
		5200	17.017	5191.555	5208.572	---	---
		5240	16.974	5231.581	5248.555	---	---
11N20SISO	Ant1	5180	18.060	5171.026	5189.086	---	---
		5200	17.994	5191.055	5209.049	---	---
		5240	18.042	5231.019	5249.061	---	---
11N40SISO	Ant1	5190	36.199	5171.997	5208.196	---	---
		5230	36.212	5211.970	5248.182	---	---
11AC20SISO	Ant1	5180	18.031	5171.032	5189.063	---	---
		5200	17.938	5191.073	5209.011	---	---
		5240	18.036	5231.059	5249.095	---	---
11AC40SISO	Ant1	5190	36.174	5171.973	5208.147	---	---
		5230	36.137	5211.959	5248.096	---	---
11AC80SISO	Ant1	5210	75.085	5172.671	5247.756	---	---
11AX20SISO	Ant1	5180	18.970	5170.536	5189.506	---	---
		5200	19.007	5190.522	5209.529	---	---
		5240	19.007	5230.526	5249.533	---	---
11AX40SISO	Ant1	5190	37.674	5171.285	5208.959	---	---
		5230	37.716	5211.224	5248.940	---	---
11AX80SISO	Ant1	5210	76.692	5171.846	5248.538	---	---

Test Graphs



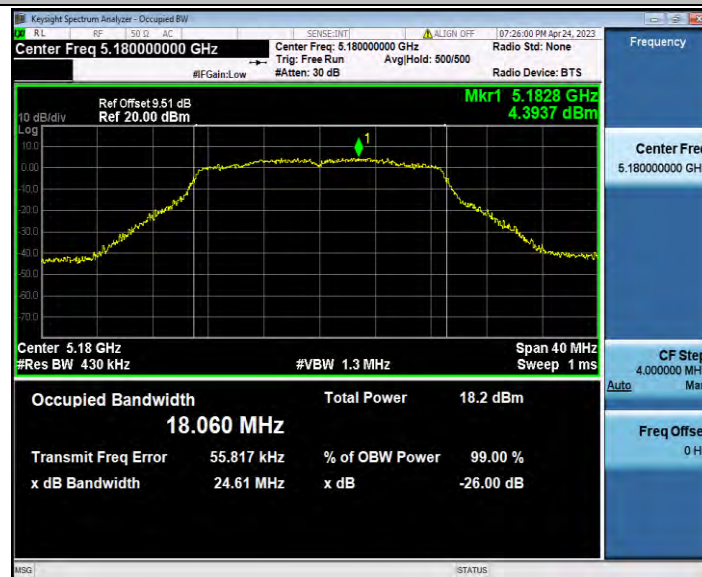
11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



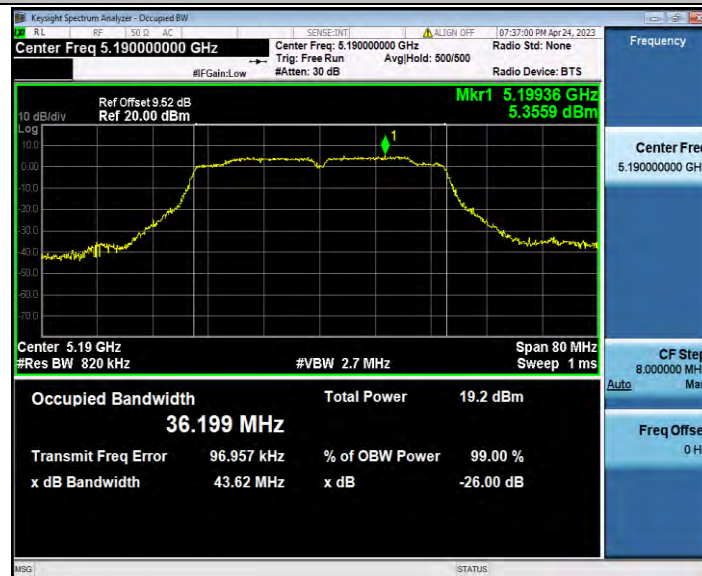
11N20SISO_Ant1_5180



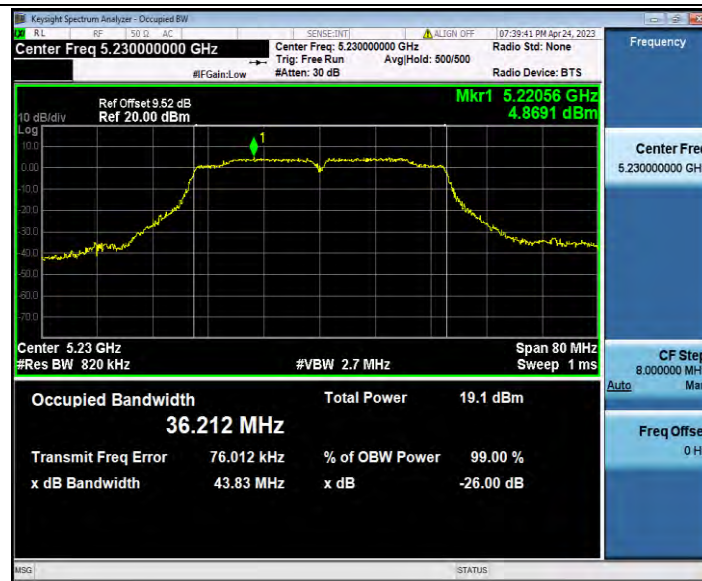
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



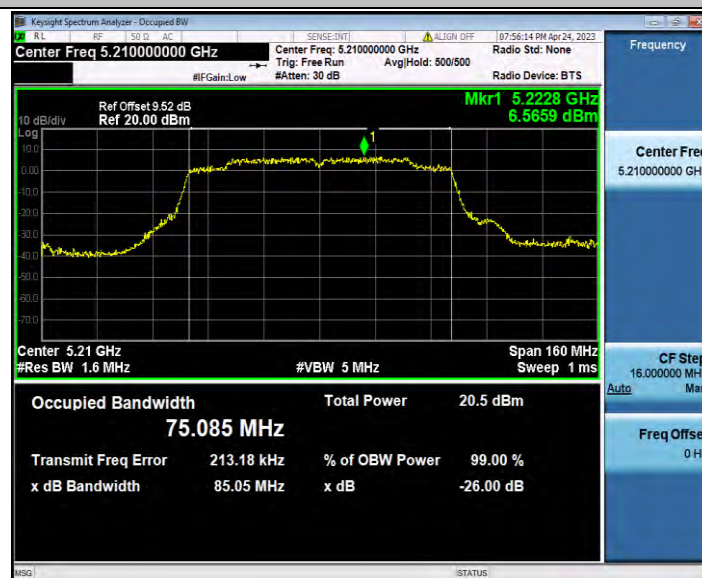
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



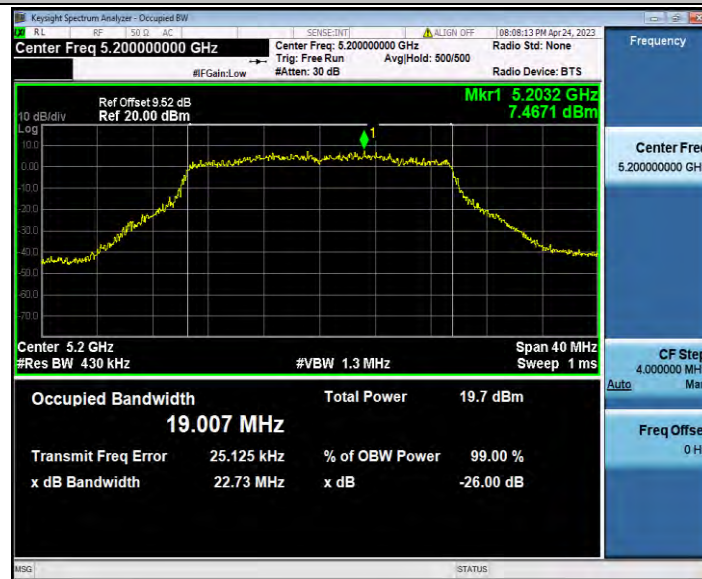
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



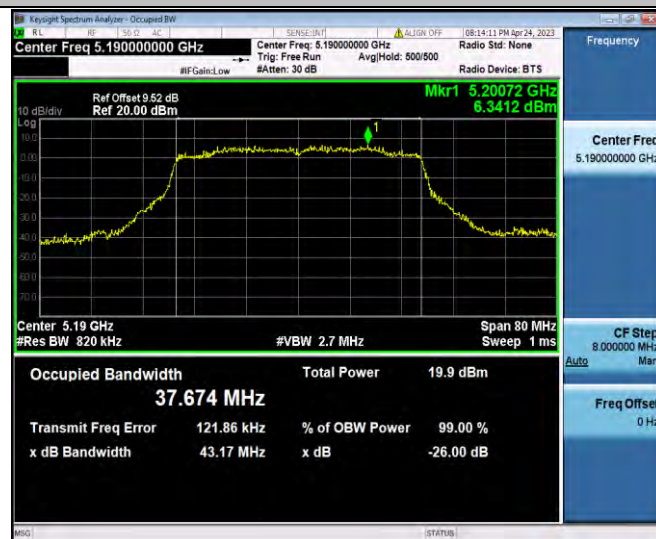
11AX20SISO_Ant1_5180



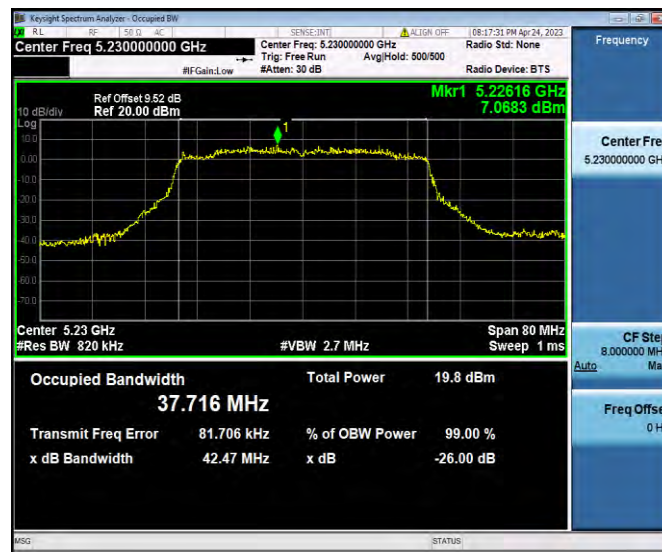
11AX20SISO_Ant1_5200



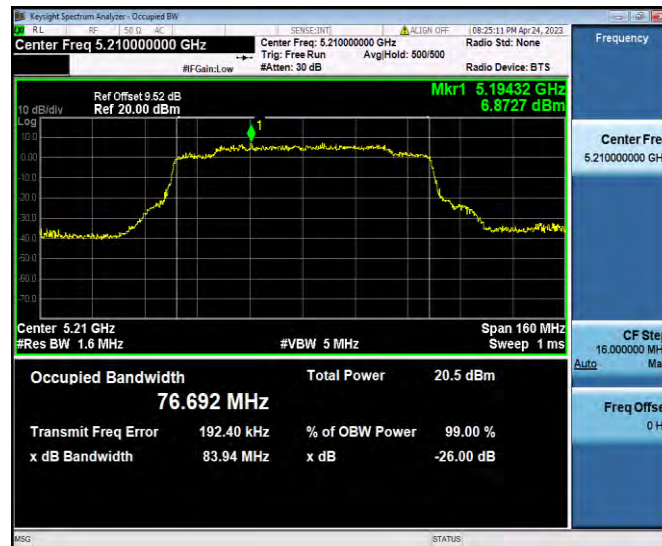
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



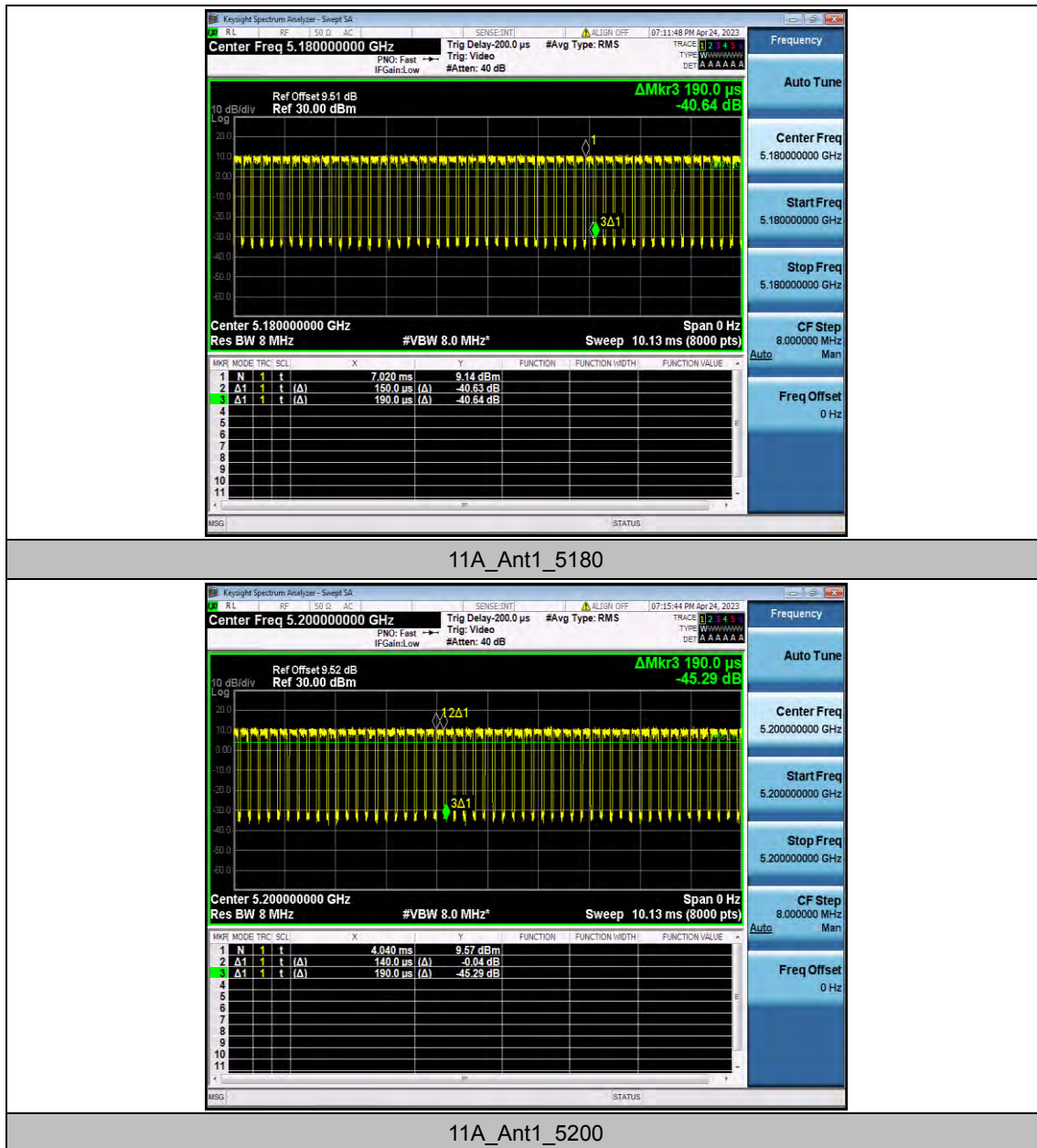
11AX80SISO_Ant1_5210

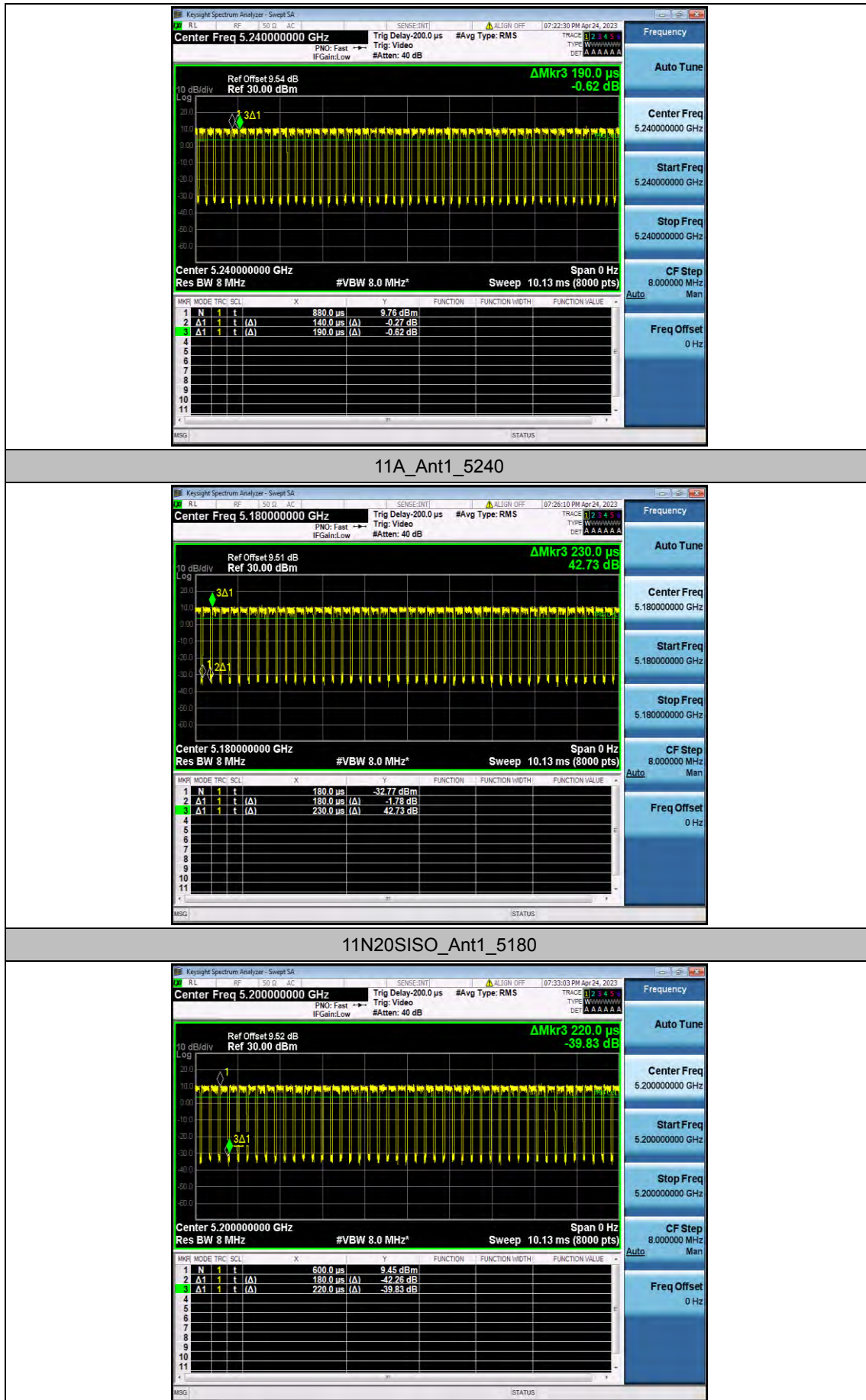
Appendix D.3: Duty Cycle

Test Result

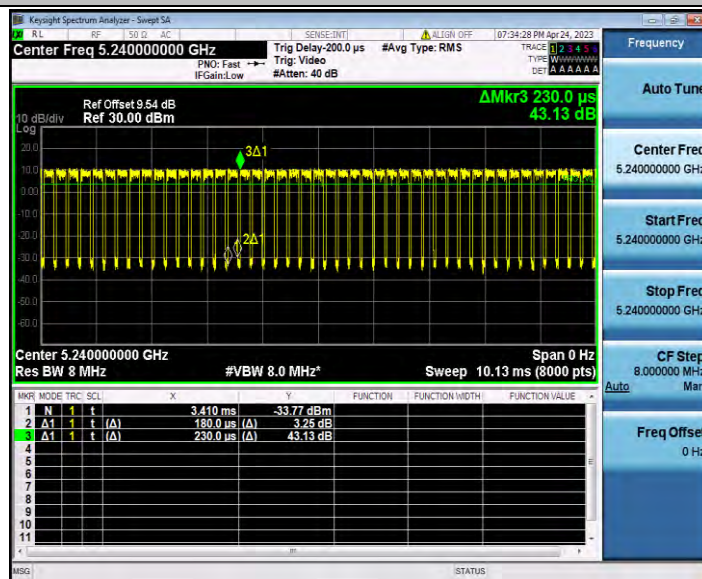
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	0.15	0.19	78.95
		5200	0.14	0.19	73.68
		5240	0.14	0.19	73.68
11N20SISO	Ant1	5180	0.18	0.23	78.26
		5200	0.18	0.22	81.82
		5240	0.18	0.23	78.26
11N40SISO	Ant1	5190	0.18	0.22	81.82
		5230	0.18	0.22	81.82
11AC20SISO	Ant1	5180	0.17	0.21	80.95
		5200	0.16	0.21	76.19
		5240	0.17	0.21	80.95
11AC40SISO	Ant1	5190	0.18	0.23	78.26
		5230	0.16	0.20	80.00
11AC80SISO	Ant1	5210	0.16	0.21	76.19
11AX20SISO	Ant1	5180	0.26	0.31	83.87
		5200	0.26	0.31	83.87
		5240	0.27	0.32	84.38
11AX40SISO	Ant1	5190	0.18	0.23	78.26
		5230	0.18	0.23	78.26
11AX80SISO	Ant1	5210	0.18	0.23	78.26

Test Graphs

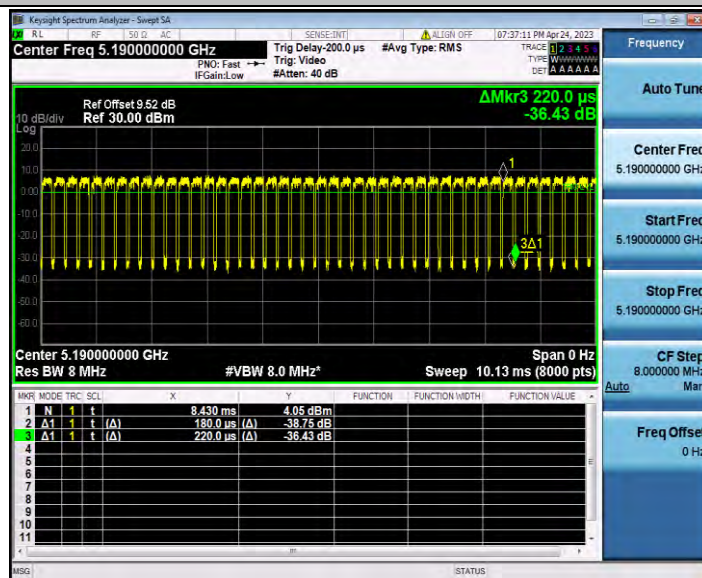




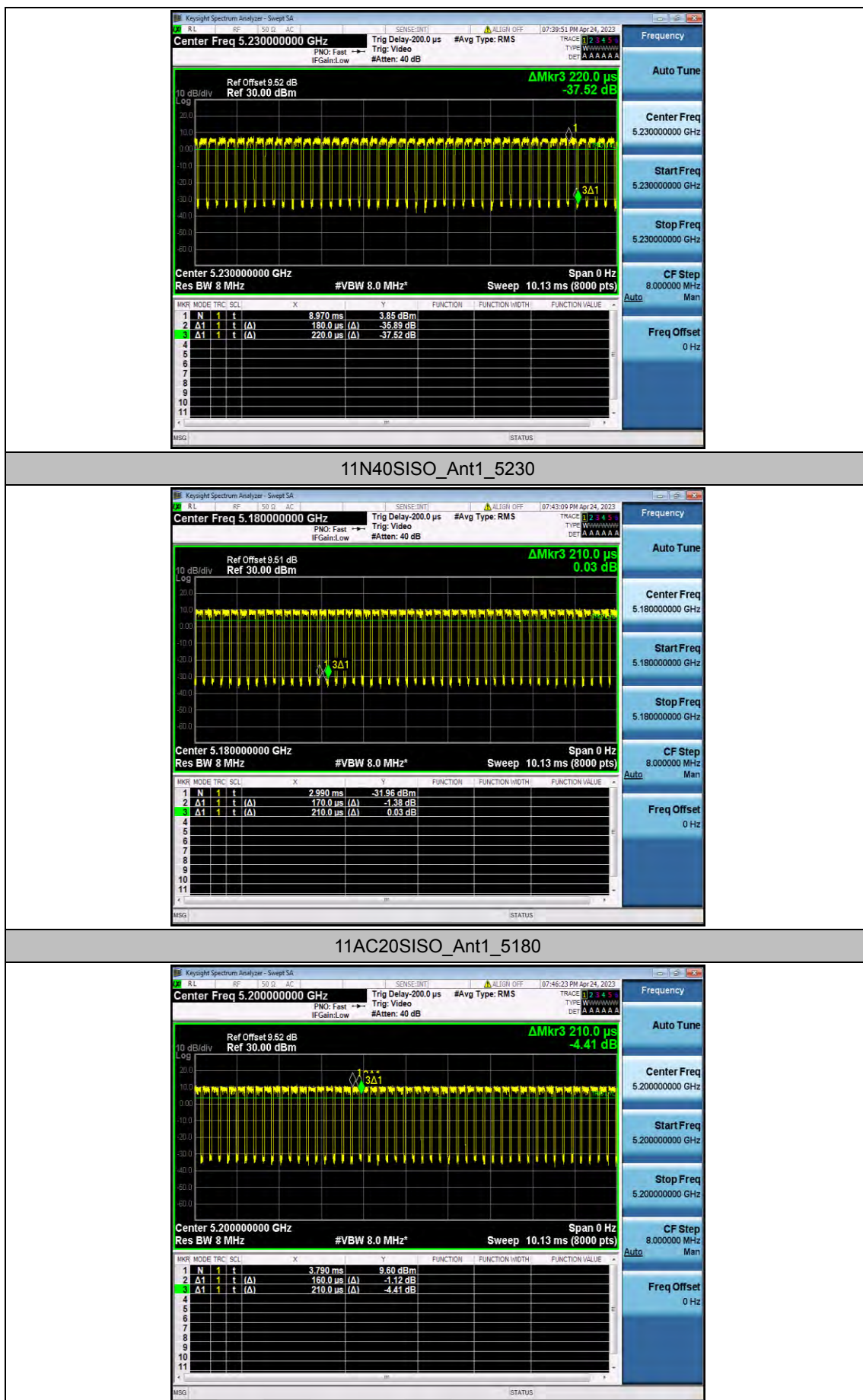
11N20SISO_Ant1_5200



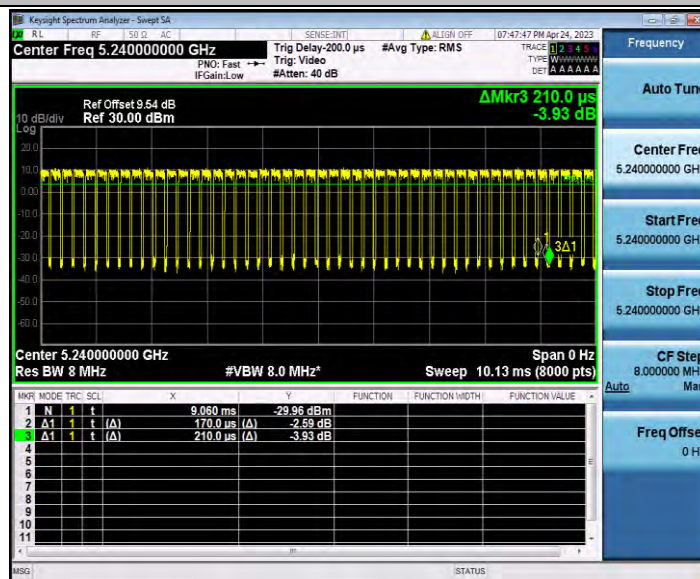
11N20SISO_Ant1_5240



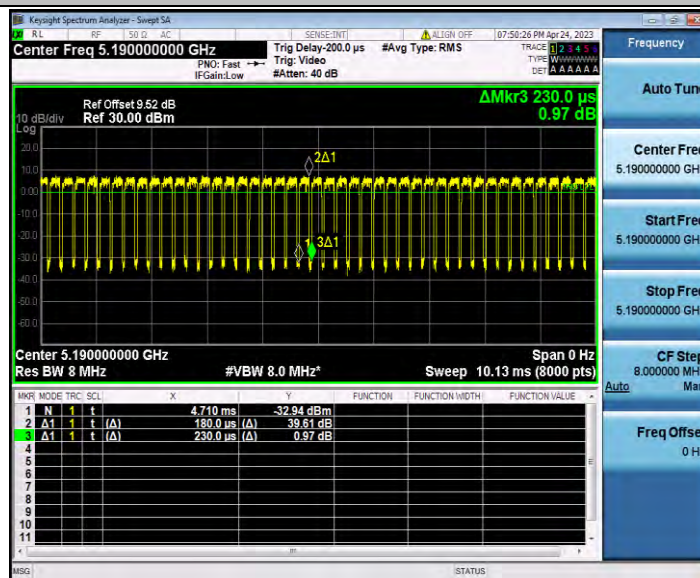
11N40SISO_Ant1_5190



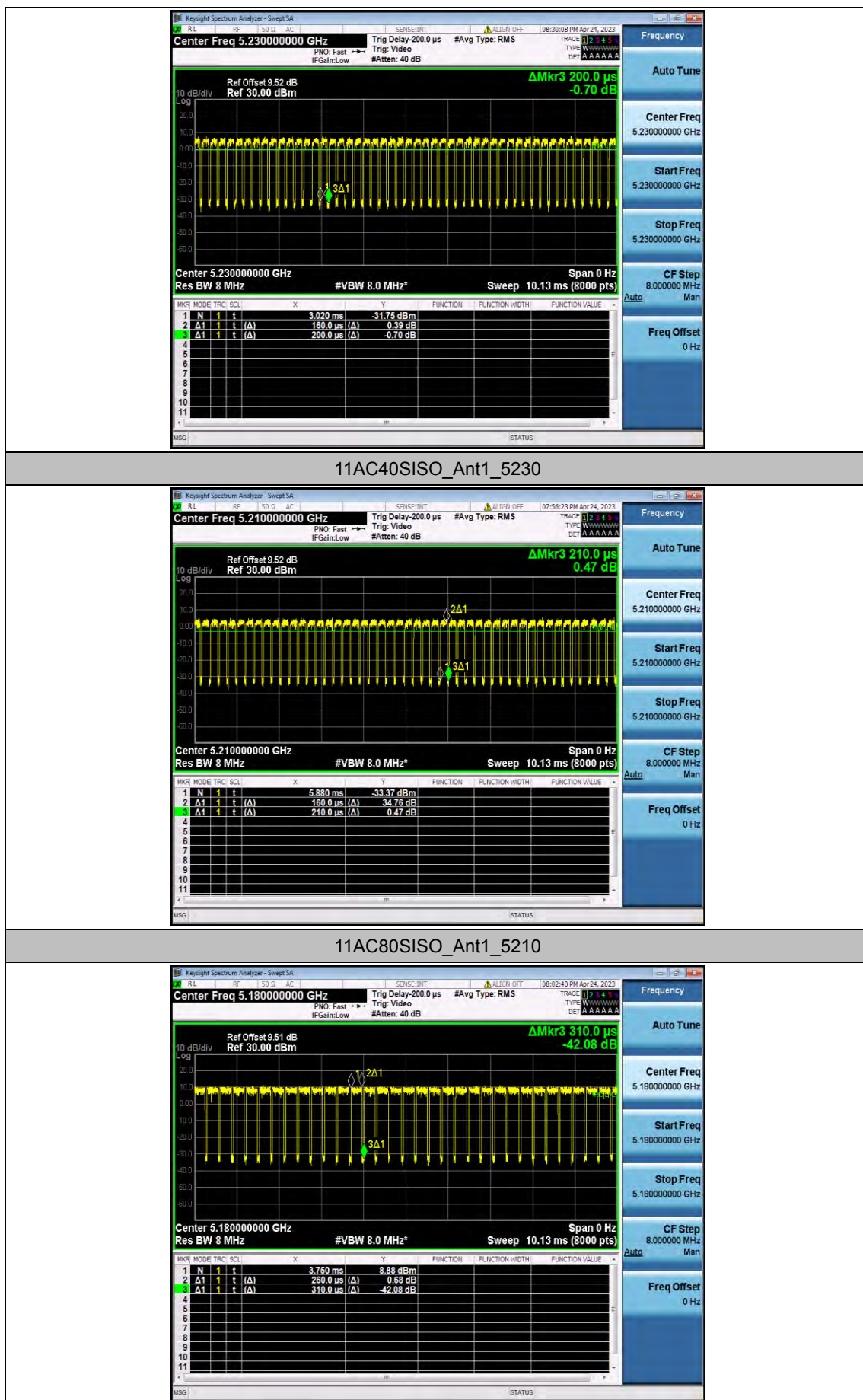
11AC20SISO_Ant1_5200



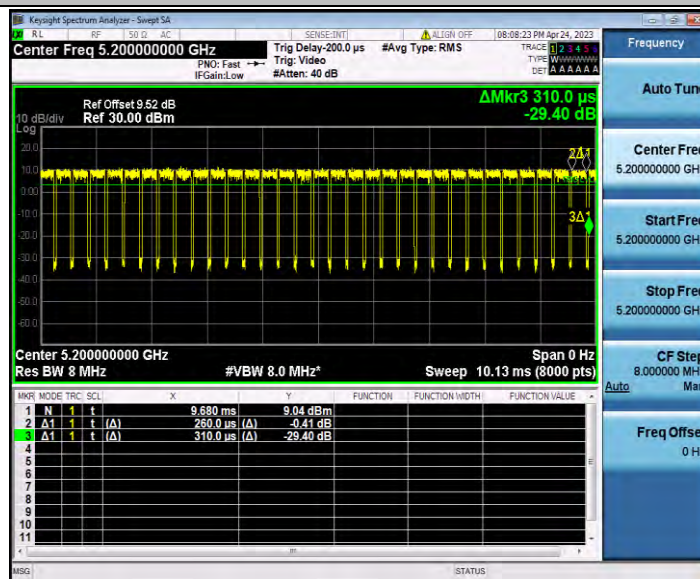
11AC20SISO_Ant1_5240



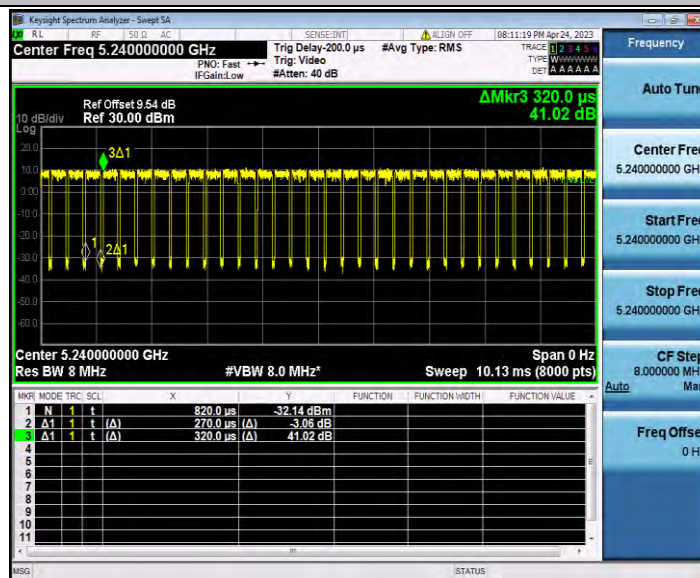
11AC40SISO_Ant1_5190



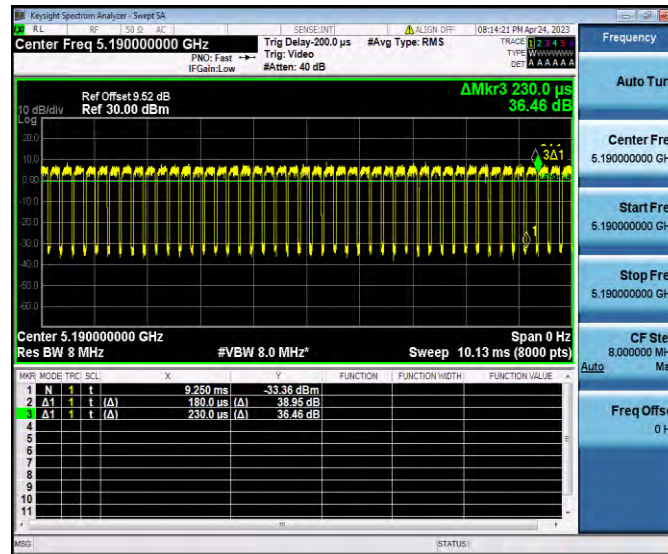
11AX20SISO_Ant1_5180



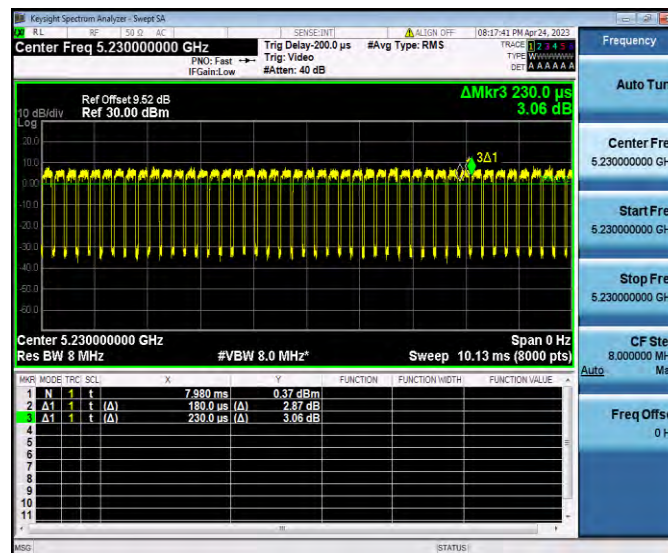
11AX20SISO_Ant1_5200



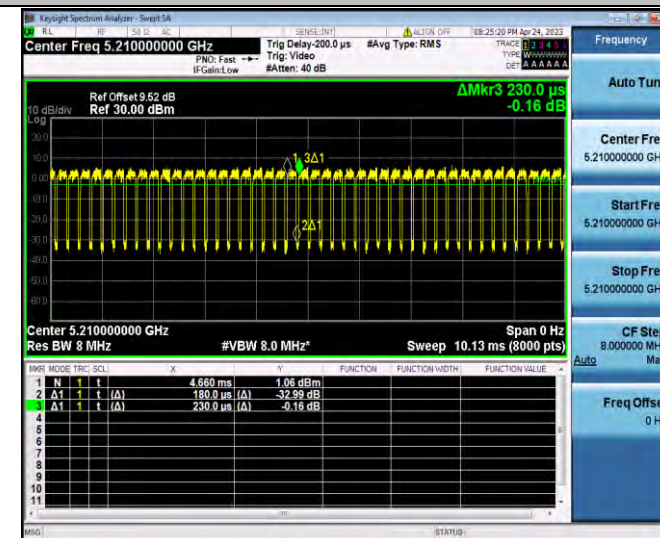
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210