

Case No. : <u>GTS20230302010-1-12</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.4.18</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	24.720	5167.680	5192.400	---	---
		5200	24.040	5188.040	5212.080	---	---
		5240	24.280	5227.880	5252.160	---	---
11N20SISO	Ant1	5180	25.640	5167.360	5193.000	---	---
		5200	25.360	5187.280	5212.640	---	---
		5240	25.440	5227.240	5252.680	---	---
11N40SISO	Ant1	5190	46.000	5167.280	5213.280	---	---
		5230	47.200	5206.800	5254.000	---	---
11AC20SISO	Ant1	5180	25.560	5167.800	5193.360	---	---
		5200	25.320	5187.440	5212.760	---	---
		5240	26.400	5226.640	5253.040	---	---
11AC40SISO	Ant1	5190	48.080	5165.600	5213.680	---	---
		5230	47.840	5205.840	5253.680	---	---
11AX20SISO	Ant1	5180	24.400	5168.120	5192.520	---	---
		5200	25.320	5187.440	5212.760	---	---
		5240	24.000	5228.360	5252.360	---	---
11AX40SISO	Ant1	5190	46.080	5167.040	5213.120	---	---
		5230	44.320	5207.840	5252.160	---	---

Test Graphs



11A_Ant1_5180



11A_Ant1_5200



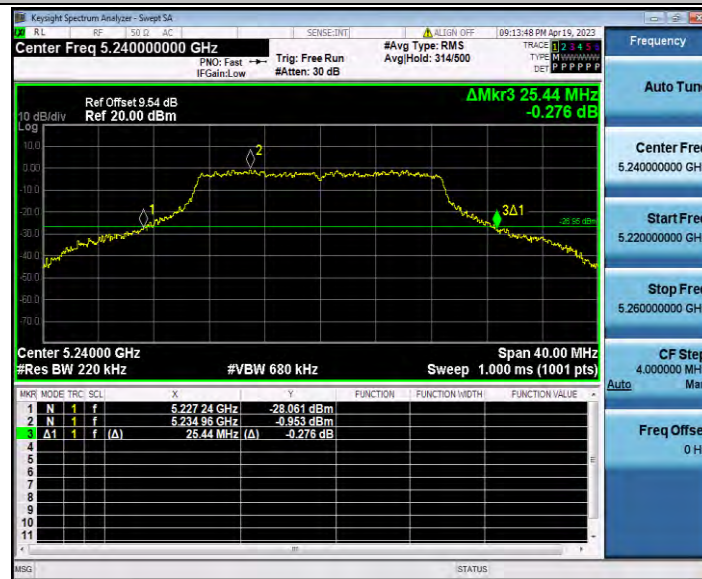
11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



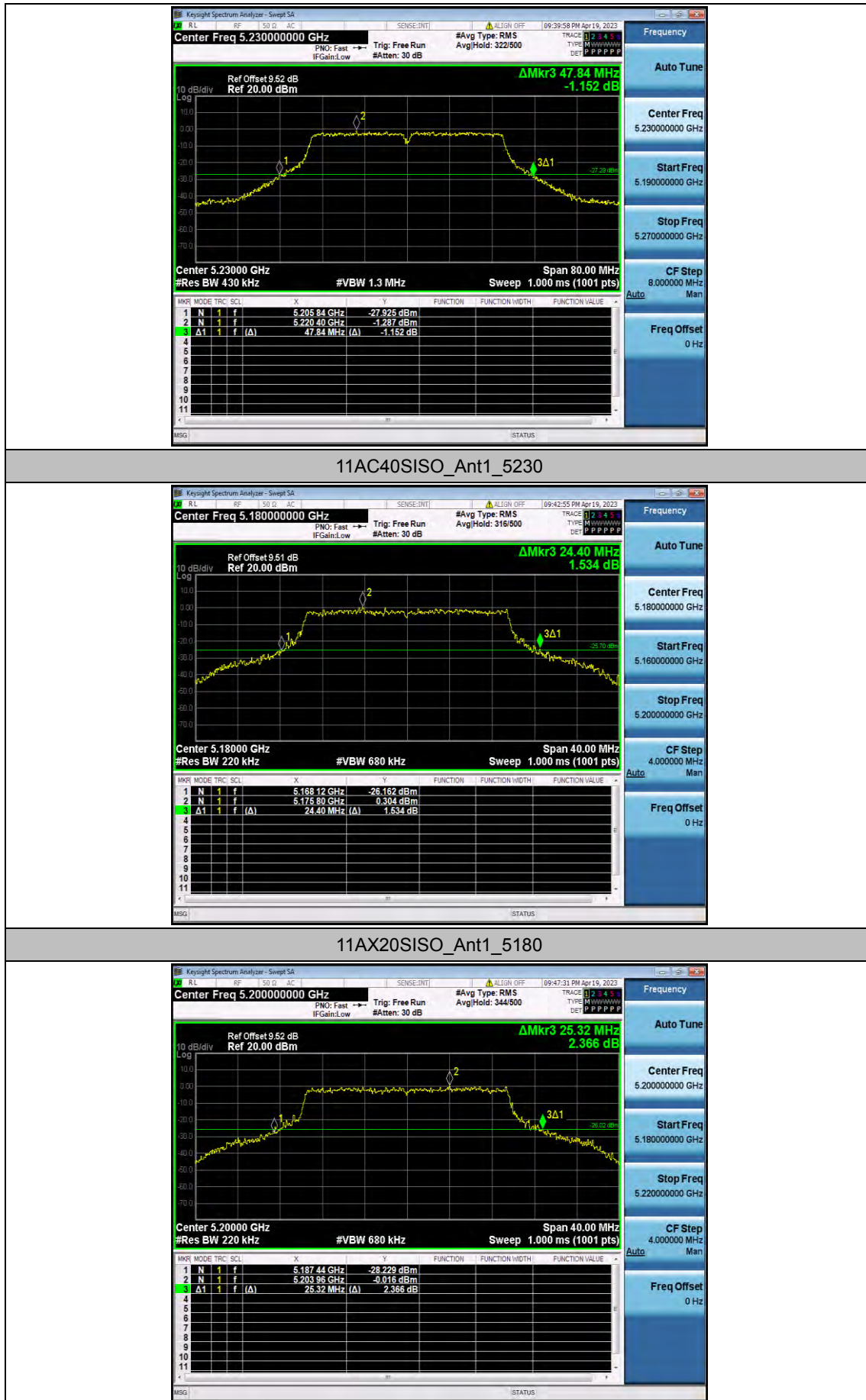
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



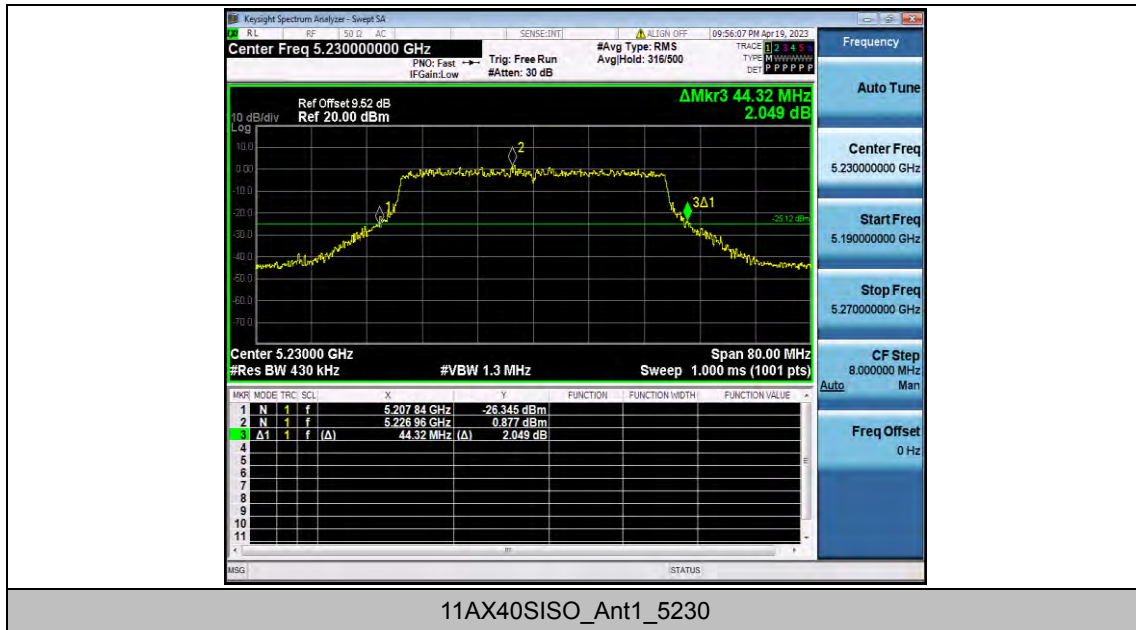
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

Appendix D.2: Occupied channel bandwidth

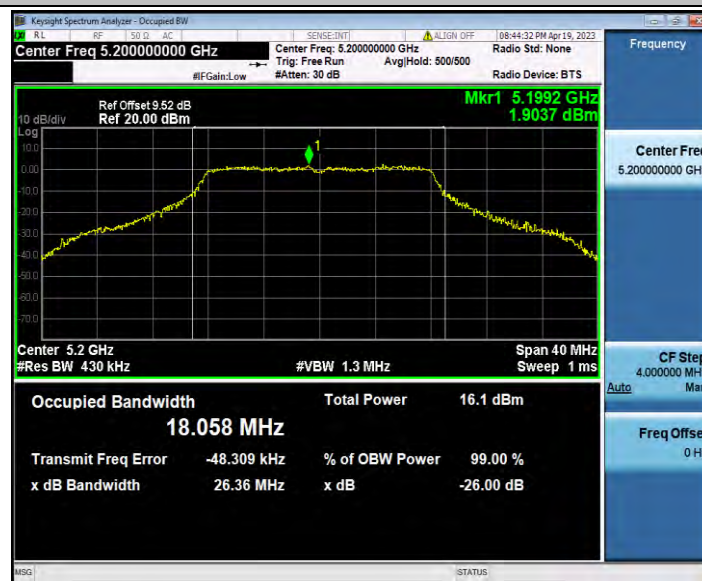
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.916	5170.950	5188.866	---	---
		5200	18.058	5190.923	5208.981	---	---
		5240	17.999	5230.899	5248.898	---	---
11N20SISO	Ant1	5180	19.140	5170.458	5189.598	---	---
		5200	19.217	5190.401	5209.618	---	---
		5240	19.067	5230.421	5249.488	---	---
11N40SISO	Ant1	5190	37.433	5171.329	5208.762	---	---
		5230	37.424	5211.302	5248.726	---	---
11AC20SISO	Ant1	5180	19.118	5170.449	5189.567	---	---
		5200	19.144	5190.471	5209.615	---	---
		5240	18.986	5230.477	5249.463	---	---
11AC40SISO	Ant1	5190	37.601	5171.245	5208.846	---	---
		5230	37.497	5211.262	5248.759	---	---
11AX20SISO	Ant1	5180	19.686	5170.207	5189.893	---	---
		5200	19.754	5190.182	5209.936	---	---
		5240	19.625	5230.194	5249.819	---	---
11AX40SISO	Ant1	5190	38.361	5170.851	5209.212	---	---
		5230	38.461	5210.833	5249.294	---	---

Test Graphs



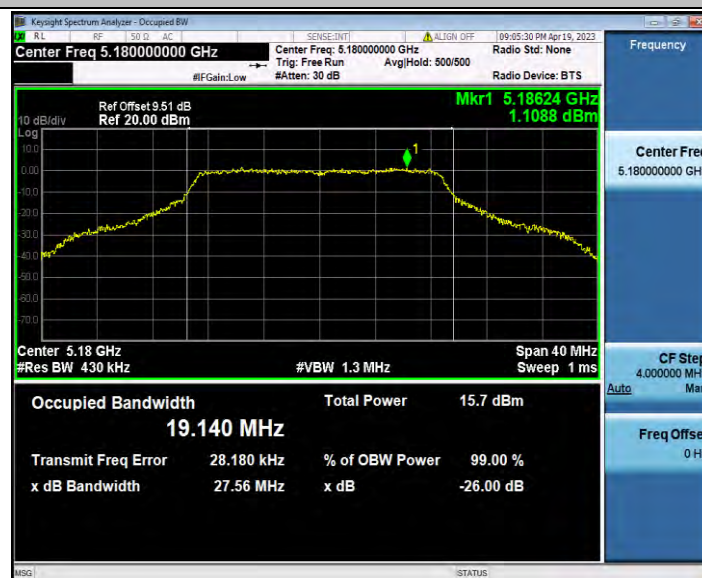
11A_Ant1_5180



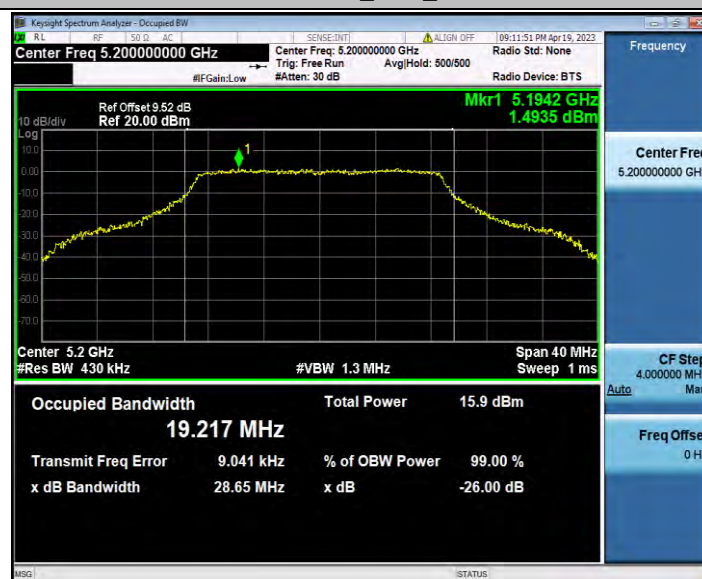
11A_Ant1_5200



11A_Ant1_5240



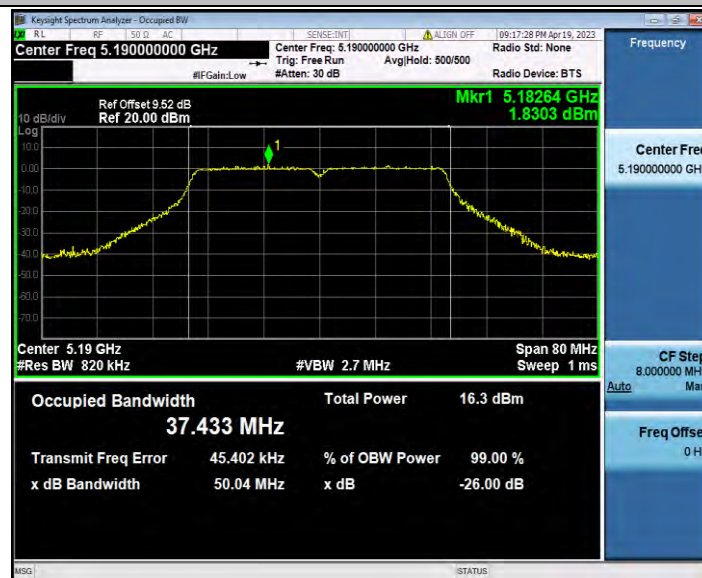
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



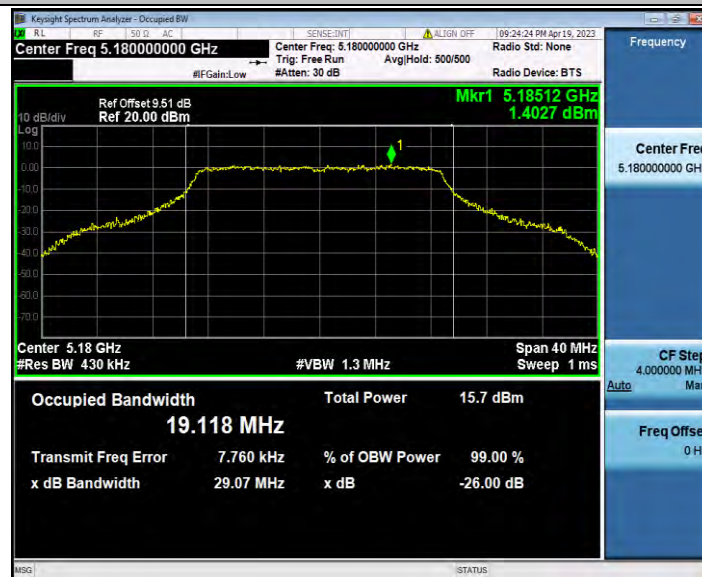
11N20SISO_Ant1_5240



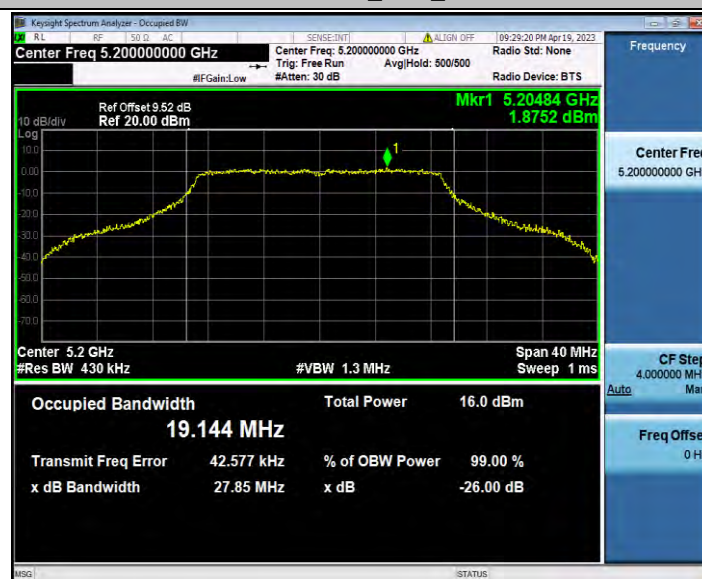
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



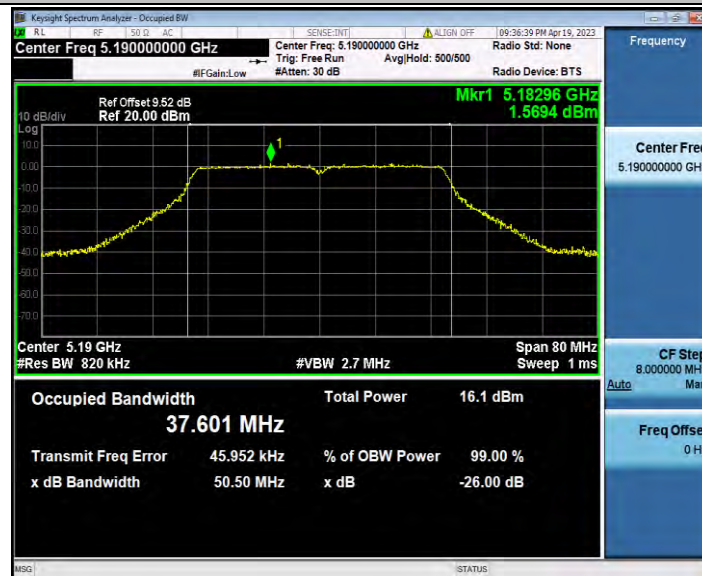
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



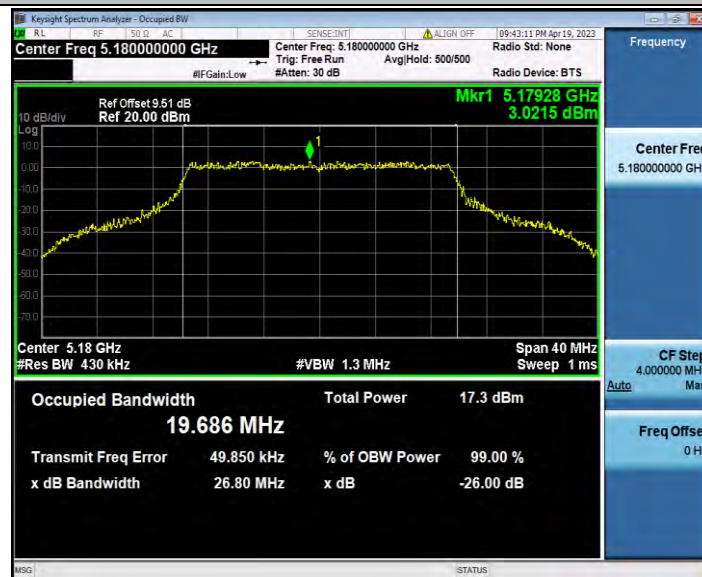
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



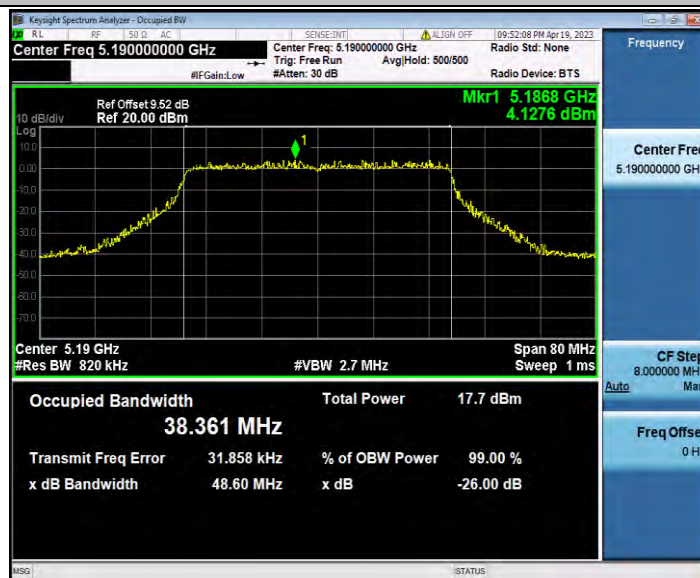
11AX20SISO_Ant1_5180



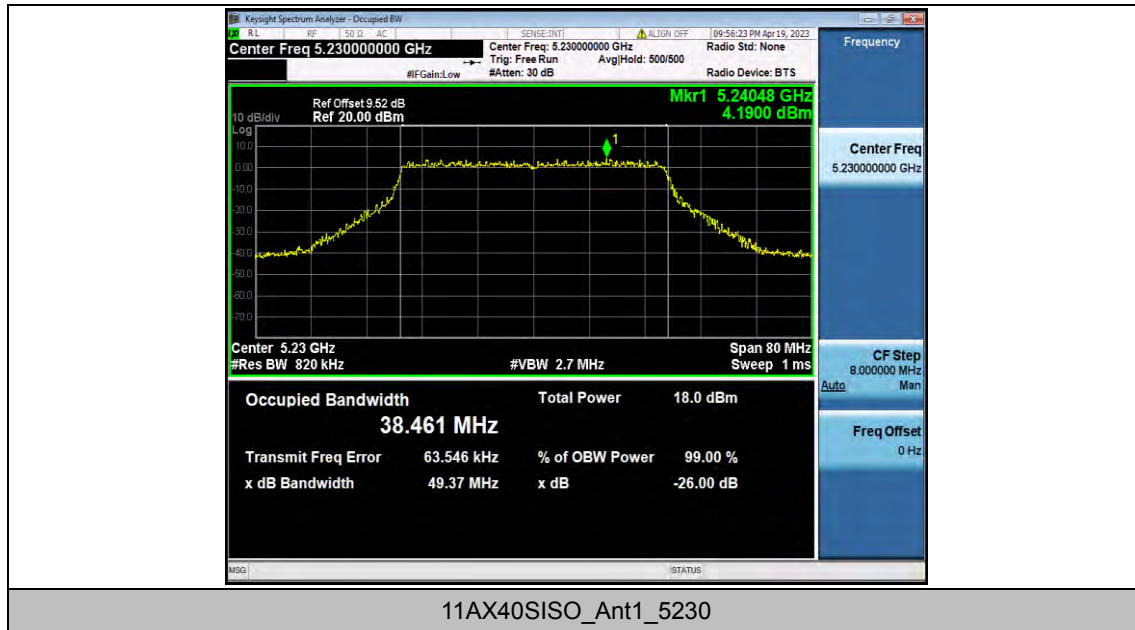
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190

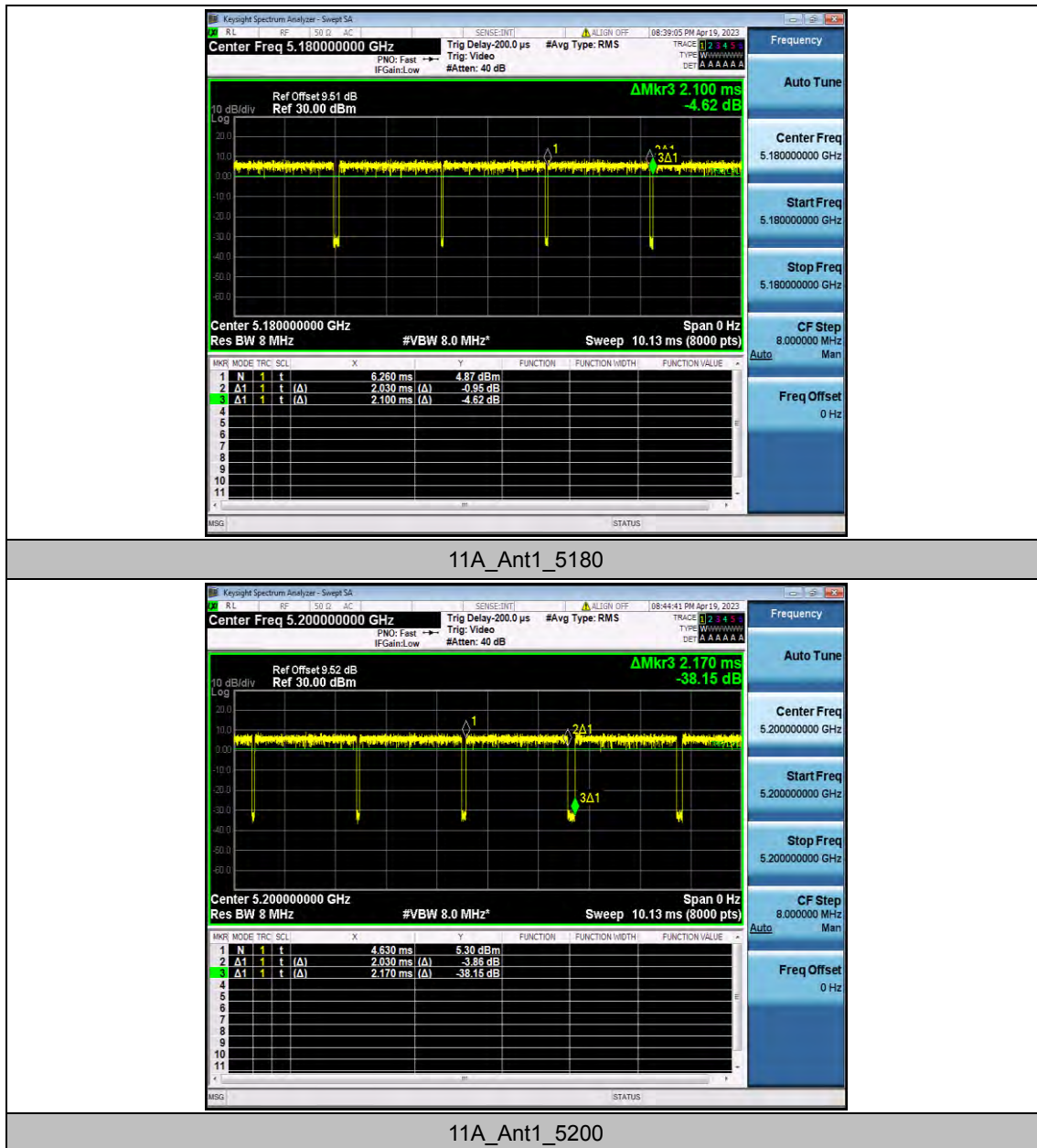


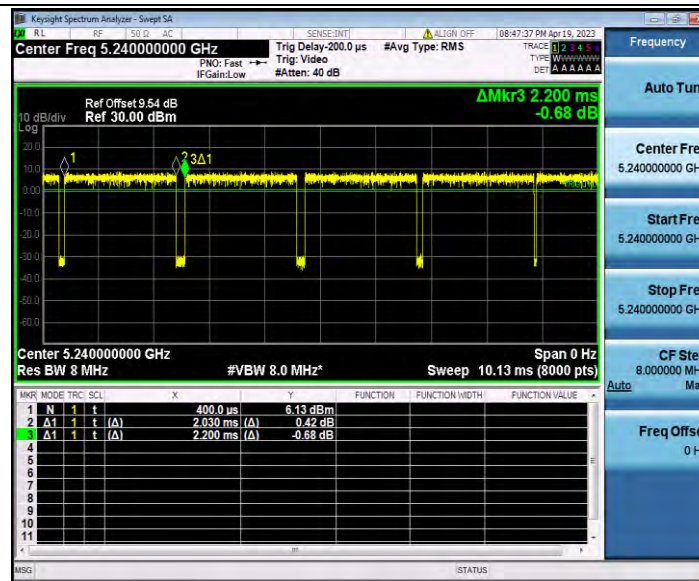
Appendix D.3: Duty Cycle

Test Result

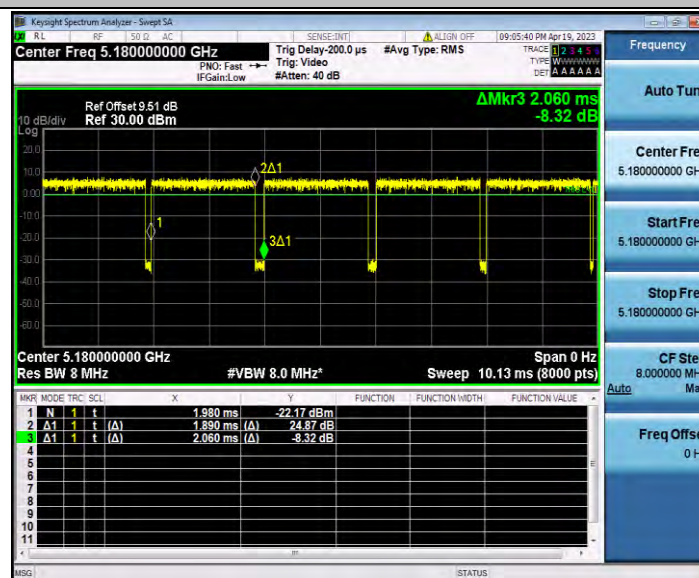
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.03	2.10	96.67
		5200	2.03	2.17	93.55
		5240	2.03	2.20	92.27
11N20SISO	Ant1	5180	1.89	2.06	91.75
		5200	1.89	2.05	92.20
		5240	1.89	2.02	93.56
11N40SISO	Ant1	5190	0.94	1.09	86.24
		5230	0.93	1.06	87.74
11AC20SISO	Ant1	5180	1.90	2.08	91.35
		5200	1.90	2.06	92.23
		5240	1.90	2.05	92.68
11AC40SISO	Ant1	5190	0.94	1.10	85.45
		5230	0.93	1.10	84.55
11AX20SISO	Ant1	5180	1.46	1.63	89.57
		5200	1.45	1.60	90.63
		5240	1.45	1.61	90.06
11AX40SISO	Ant1	5190	0.75	0.89	84.27
		5230	0.74	0.91	81.32

Test Graphs

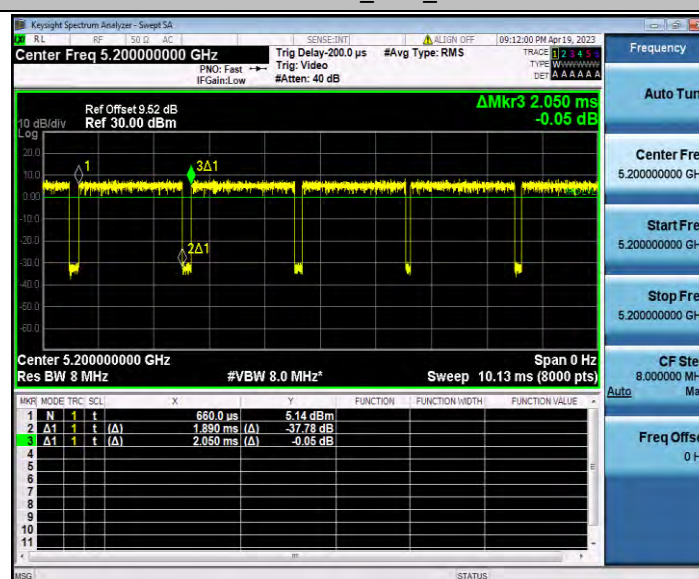




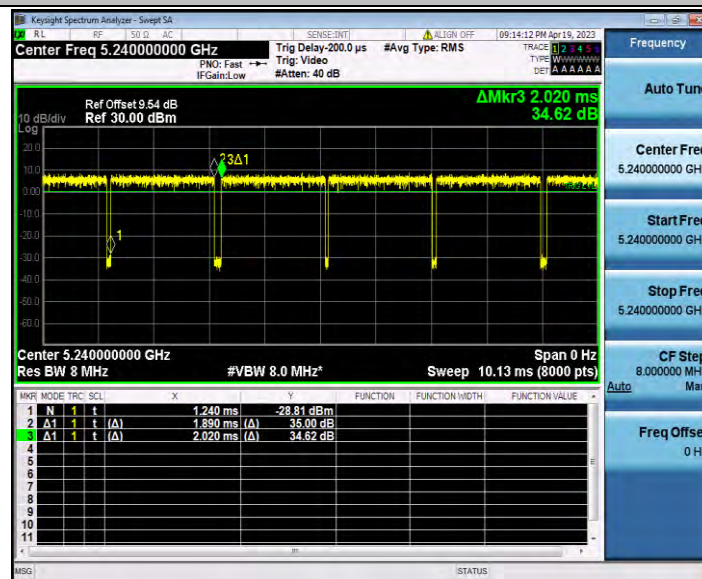
11A_Ant1_5240



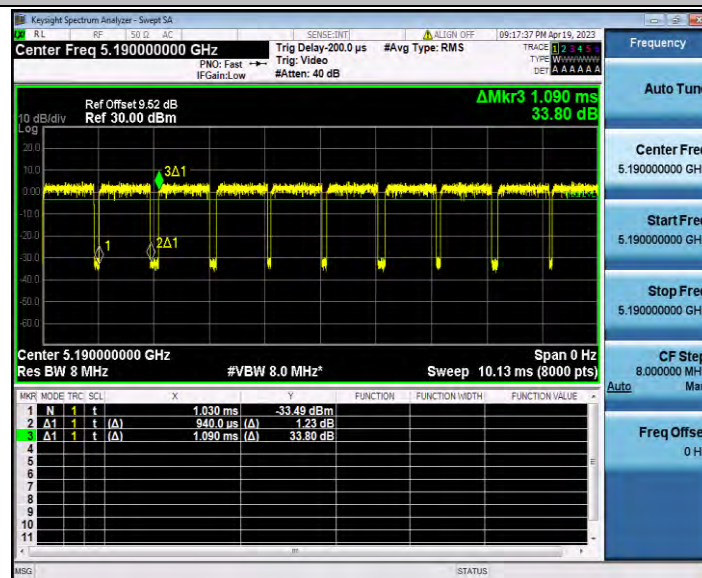
11N20SISO_Ant1_5180



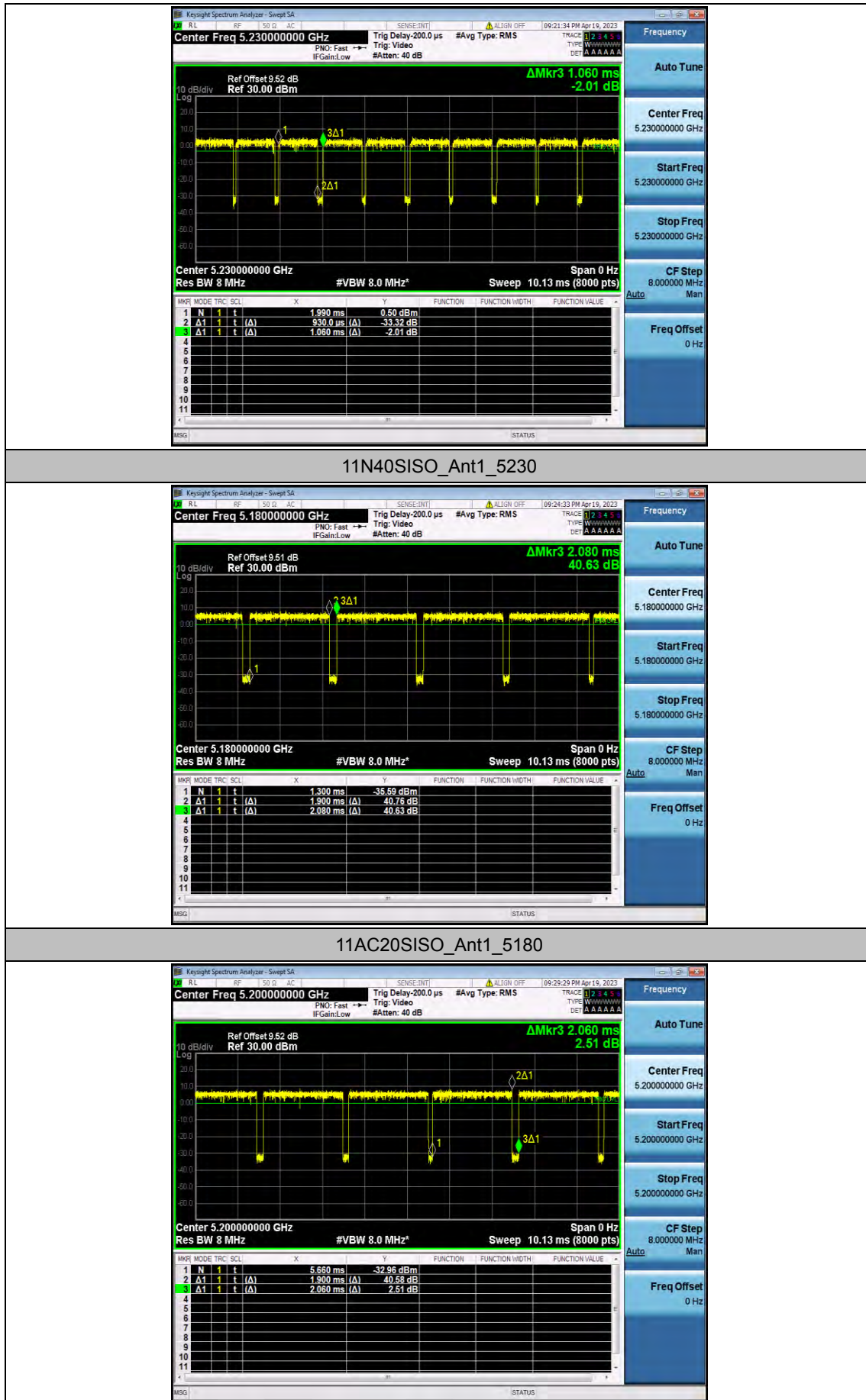
11N20SISO_Ant1_5200



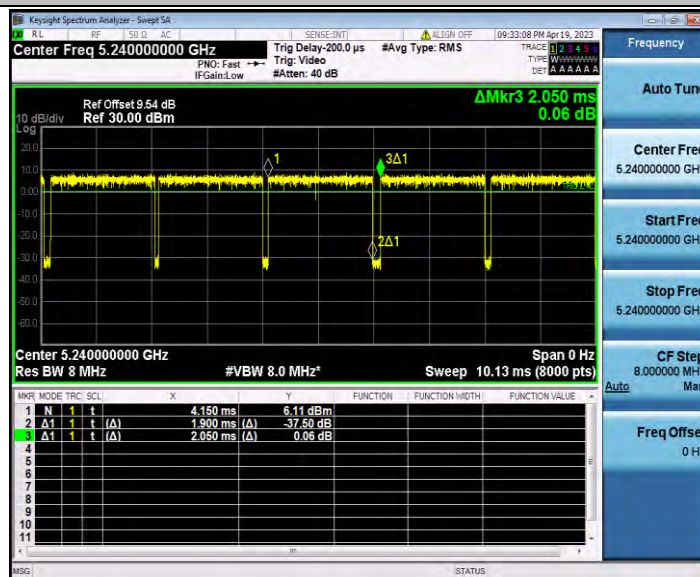
11N20SISO_Ant1_5240



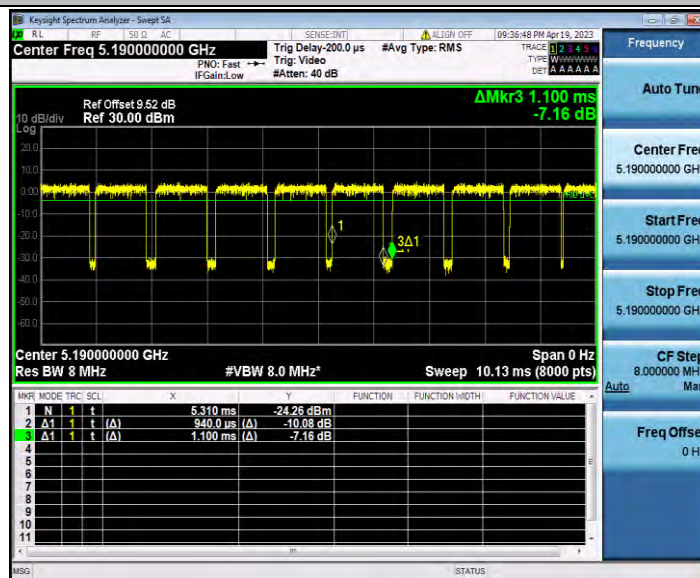
11N40SISO_Ant1_5190



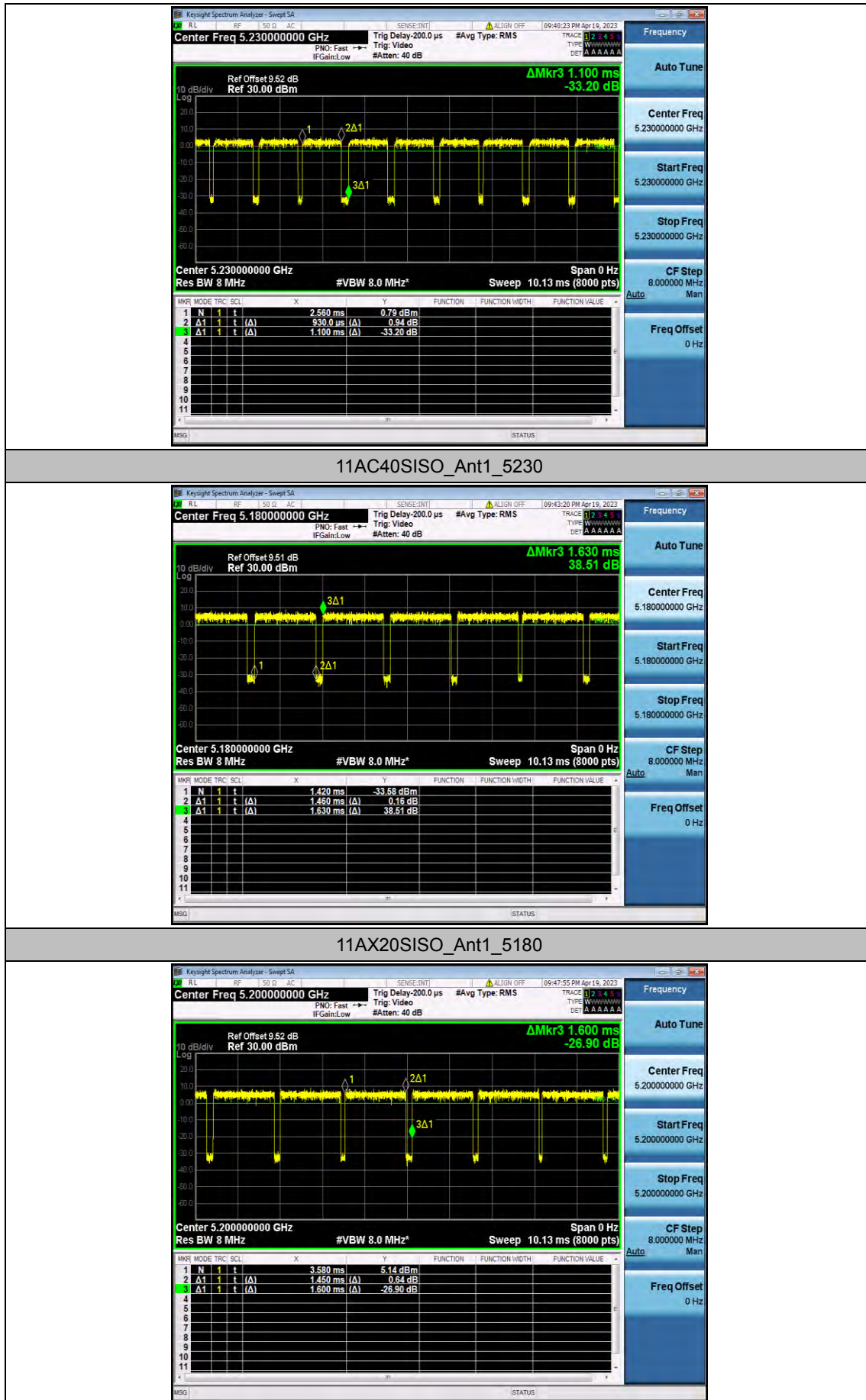
11AC20SISO_Ant1_5200



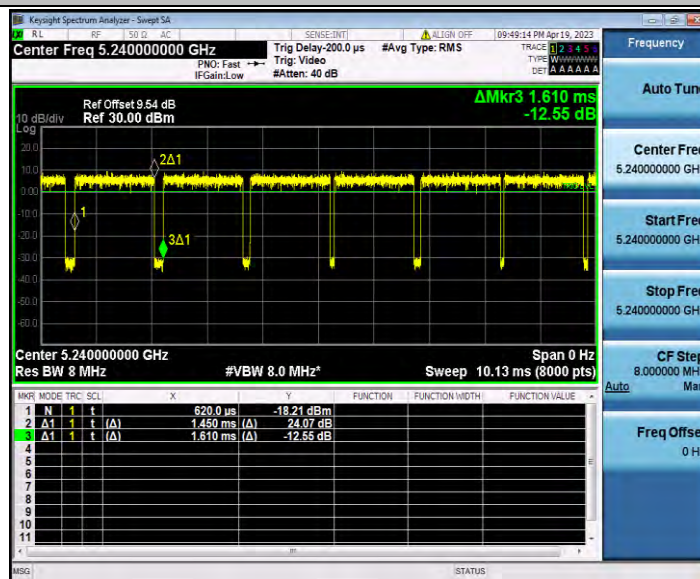
11AC20SISO_Ant1_5240



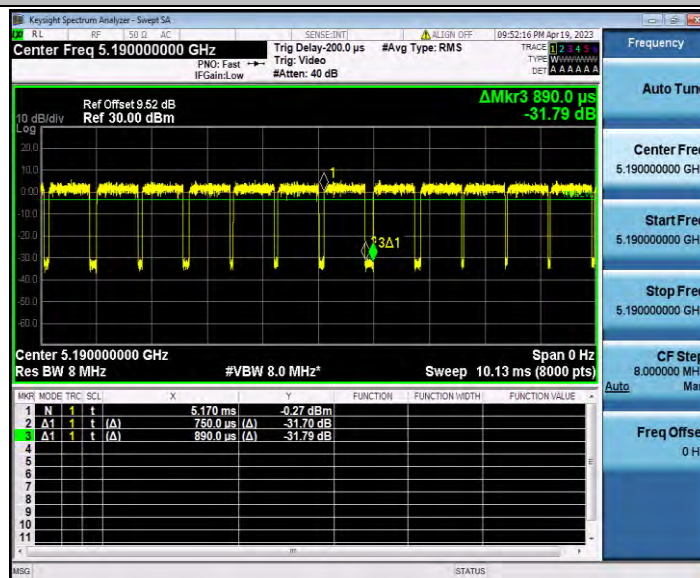
11AC40SISO_Ant1_5190



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190

