

Case No. : <u>GTS20241014025-3-04</u>	
Ambient Condition: <u>23</u> °C, <u>52</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2024.11.15</u>	Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.680	5170.520	5189.200	---	---
		5200	18.600	5190.600	5209.200	---	---
		5240	18.600	5230.560	5249.160	---	---
11N20SISO	Ant1	5180	19.520	5170.200	5189.720	---	---
		5200	19.560	5190.240	5209.800	---	---
		5240	19.600	5230.160	5249.760	---	---
11N40SISO	Ant1	5190	39.040	5170.480	5209.520	---	---
		5230	38.880	5210.480	5249.360	---	---
11AC20SISO	Ant1	5180	19.560	5170.160	5189.720	---	---
		5200	19.560	5190.200	5209.760	---	---
		5240	19.480	5230.200	5249.680	---	---
11AC40SISO	Ant1	5190	39.280	5170.400	5209.680	---	---
		5230	38.960	5210.480	5249.440	---	---
11AC80SISO	Ant1	5210	83.840	5169.680	5253.520	---	---
11AX20SISO	Ant1	5180	25.080	5166.840	5191.920	---	---
		5200	20.320	5189.840	5210.160	---	---
		5240	28.080	5222.080	5250.160	---	---
11AX40SISO	Ant1	5190	39.920	5170.000	5209.920	---	---
		5230	39.920	5210.000	5249.920	---	---
11AX80SISO	Ant1	5210	81.120	5169.680	5250.800	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



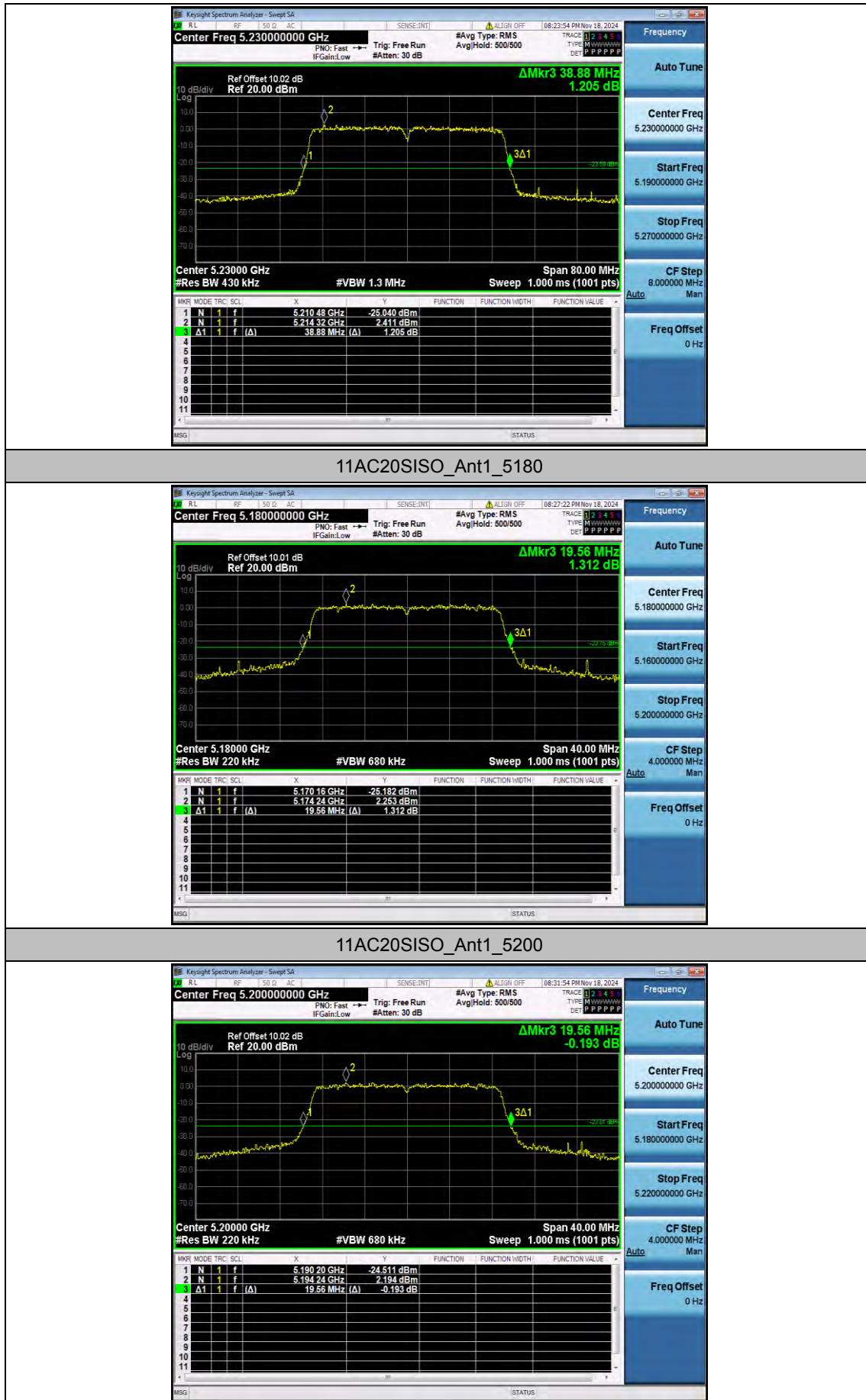
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



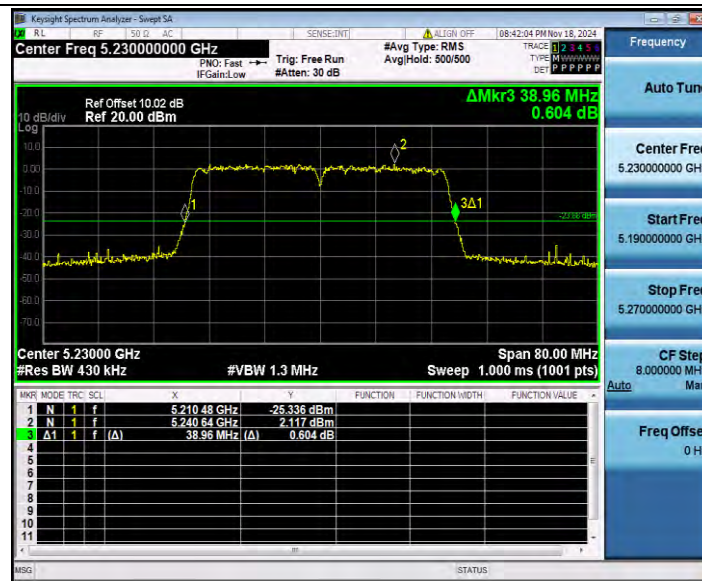
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



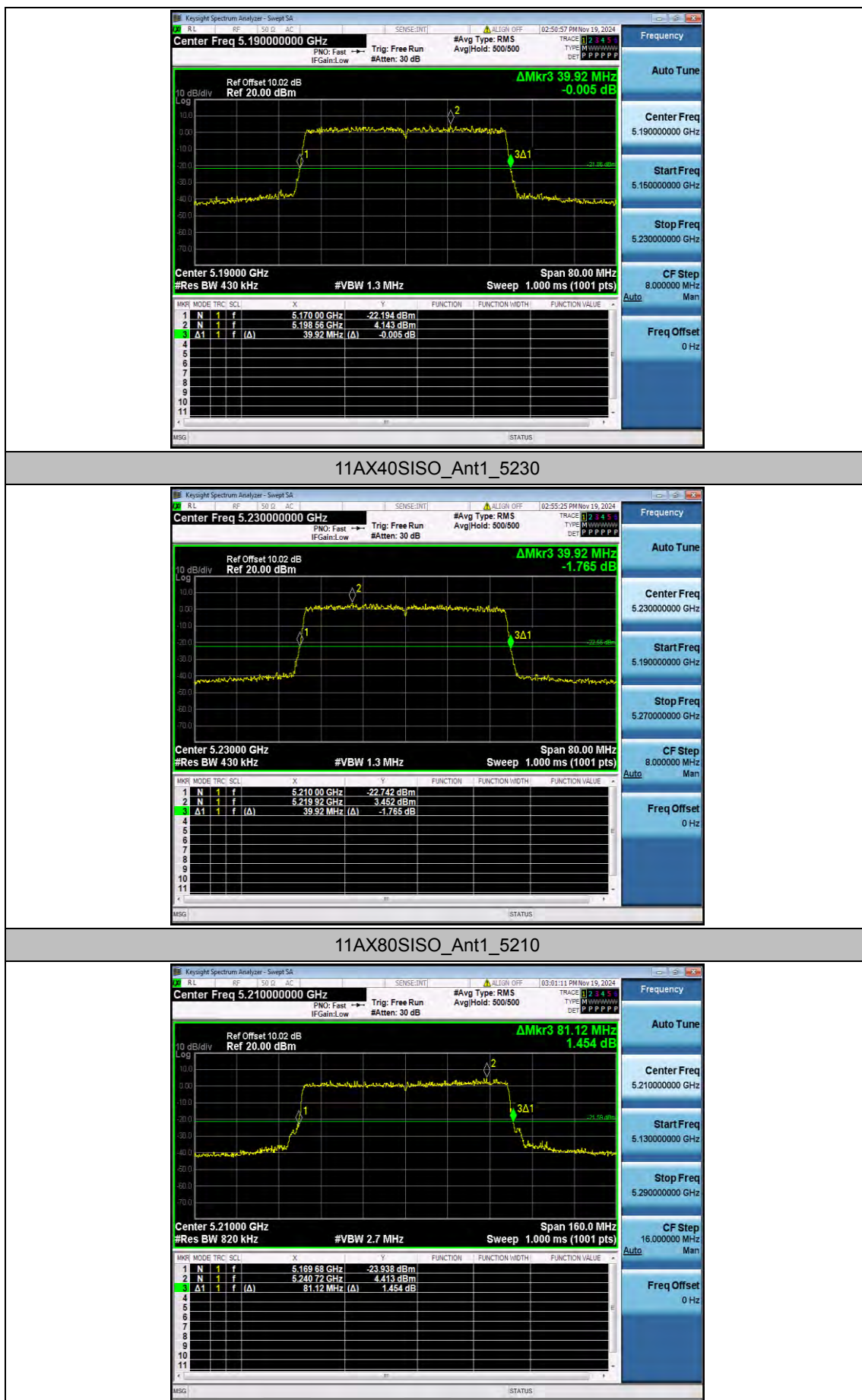
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



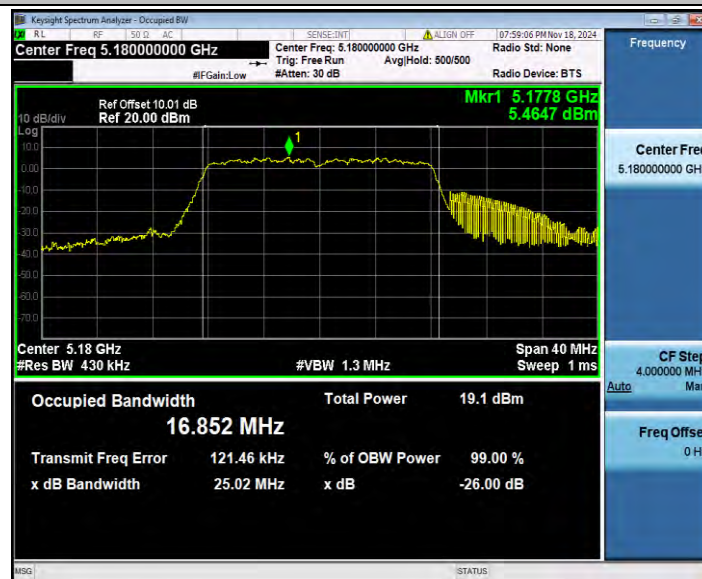
Appendix D.2: Occupied channel bandwidth

Test Result

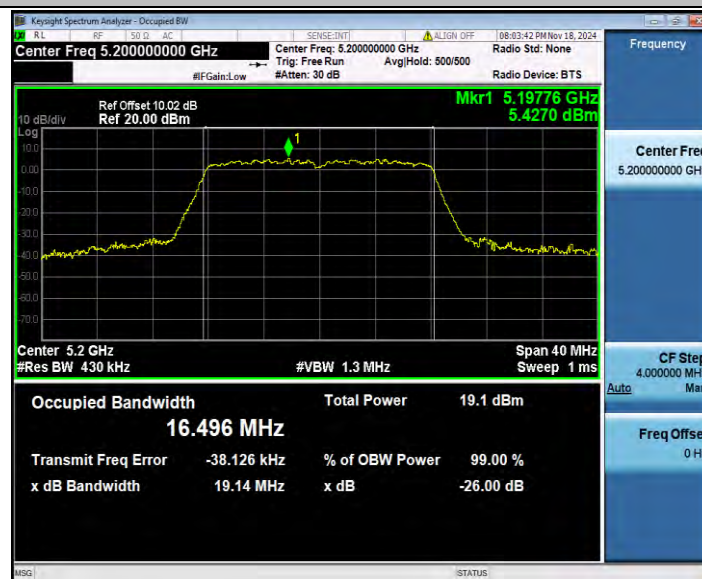
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.852	5171.6955	5188.5475	---	---
		5200	16.496	5191.7139	5208.2099	---	---
		5240	16.523	5231.6768	5248.1998	---	---
11N20SISO	Ant1	5180	17.579	5171.1901	5188.7691	---	---
		5200	17.571	5191.2030	5208.7740	---	---
		5240	17.596	5231.1651	5248.7611	---	---
11N40SISO	Ant1	5190	36.160	5171.9287	5208.0887	---	---
		5230	36.097	5211.9064	5248.0034	---	---
11AC20SISO	Ant1	5180	17.592	5171.1868	5188.7788	---	---
		5200	17.582	5191.1960	5208.7780	---	---
		5240	17.575	5231.1842	5248.7592	---	---
11AC40SISO	Ant1	5190	36.135	5171.9225	5208.0575	---	---
		5230	36.088	5211.9065	5247.9945	---	---
11AC80SISO	Ant1	5210	74.503	5174.0253	5248.5283	---	---
11AX20SISO	Ant1	5180	19.038	5170.4613	5189.4993	---	---
		5200	18.872	5190.5497	5209.4217	---	---
		5240	18.902	5230.5147	5249.4167	---	---
11AX40SISO	Ant1	5190	37.867	5171.0471	5208.9141	---	---
		5230	37.856	5211.0578	5248.9138	---	---
11AX80SISO	Ant1	5210	77.502	5171.4222	5248.9242	---	---

Test Graphs

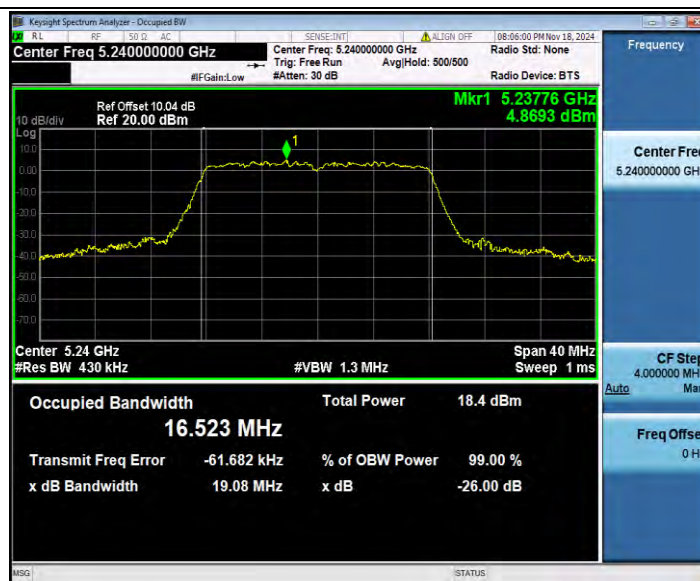
11A_Ant1_5180



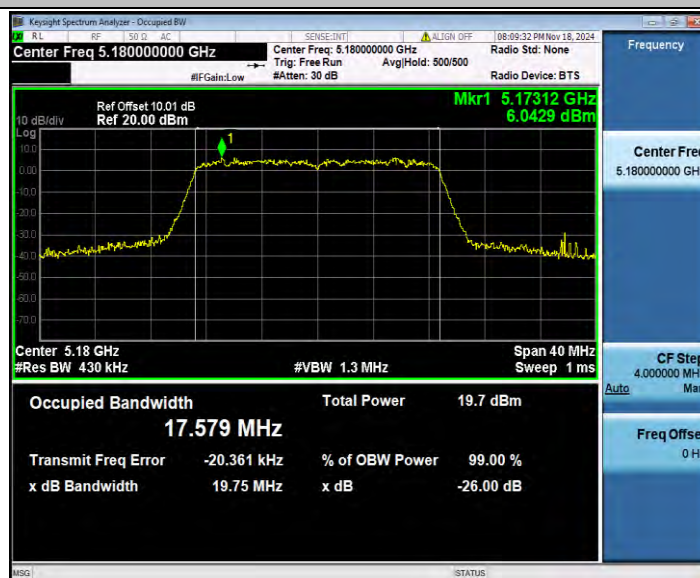
11A_Ant1_5200



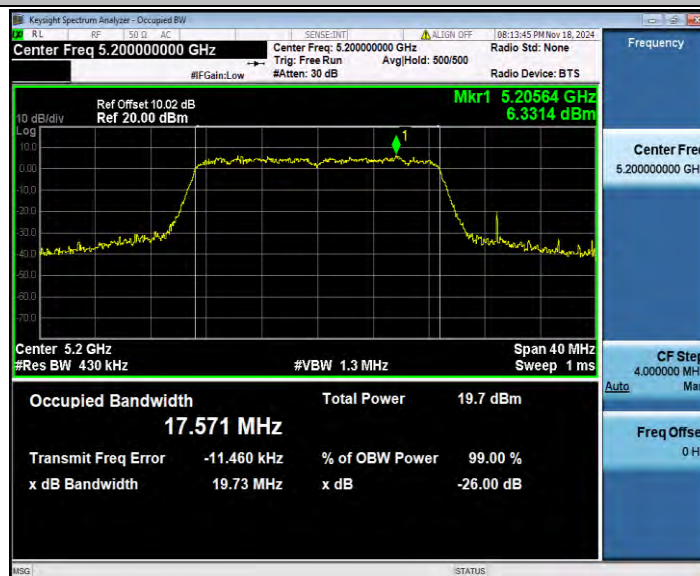
11A_Ant1_5240



11N20SISO_Ant1_5180



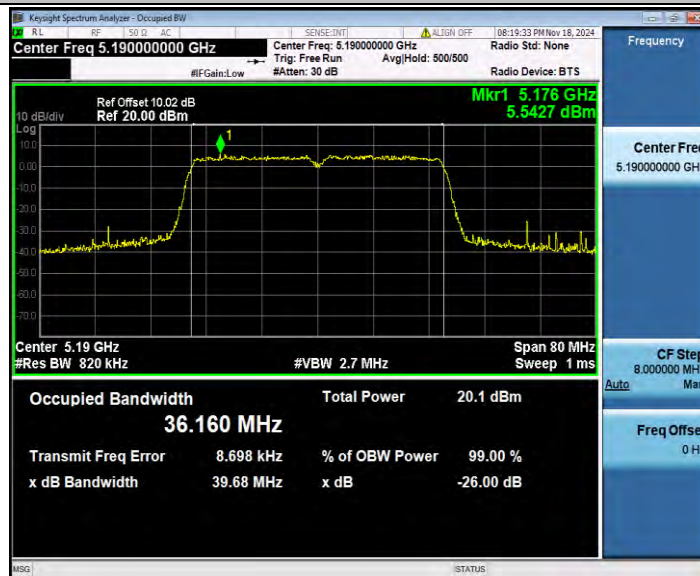
11N20SISO_Ant1_5200



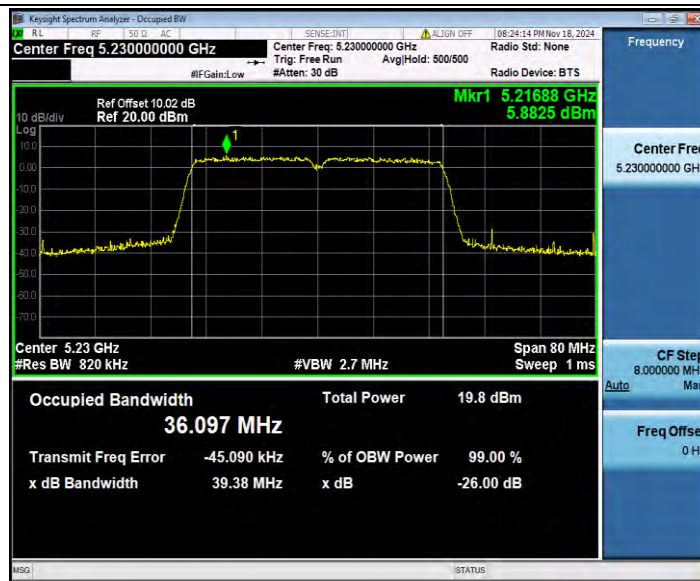
11N20SISO_Ant1_5240



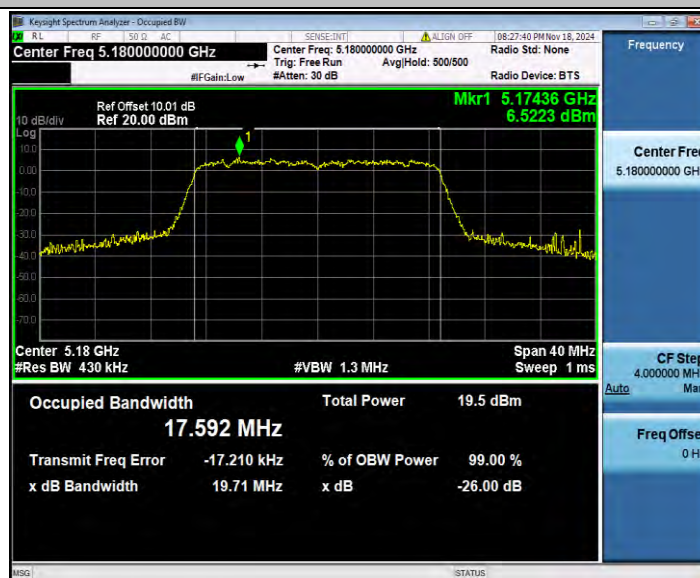
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



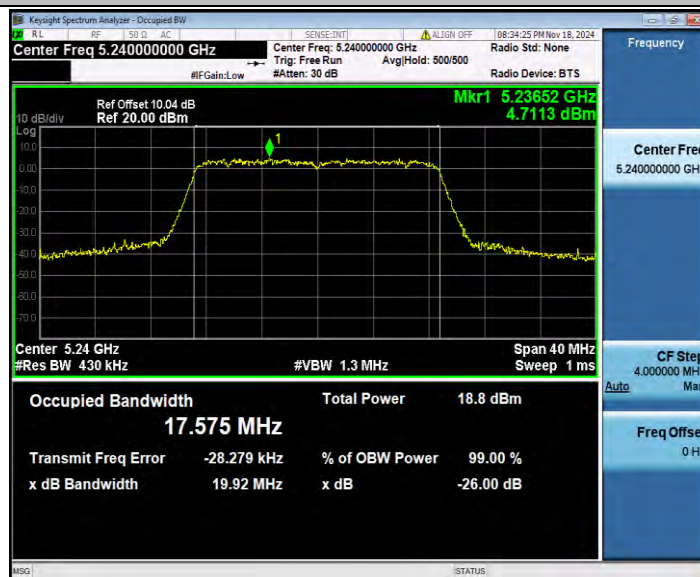
11AC20SISO_Ant1_5180



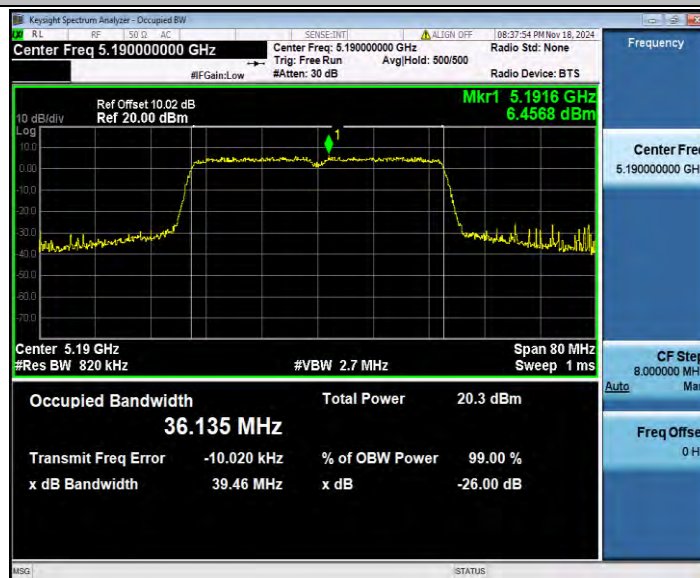
11AC20SISO_Ant1_5200



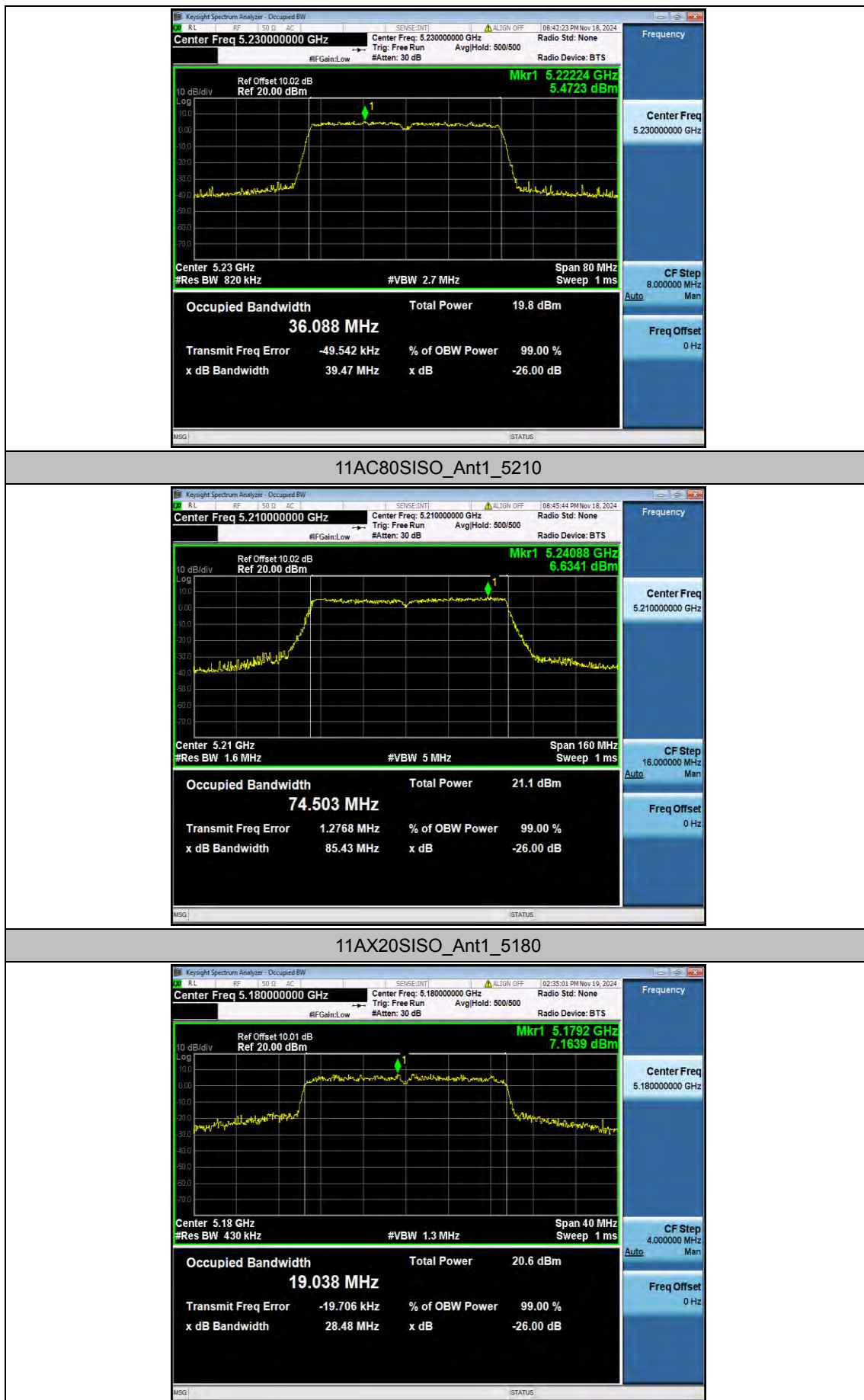
11AC20SISO_Ant1_5240



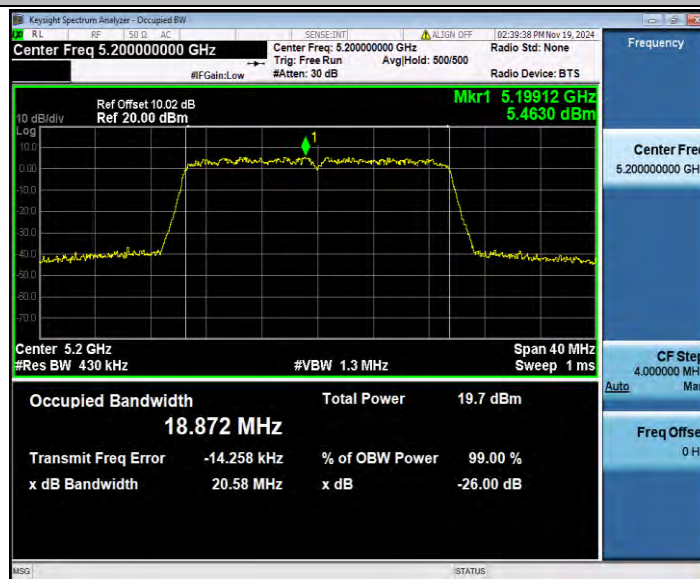
11AC40SISO_Ant1_5190



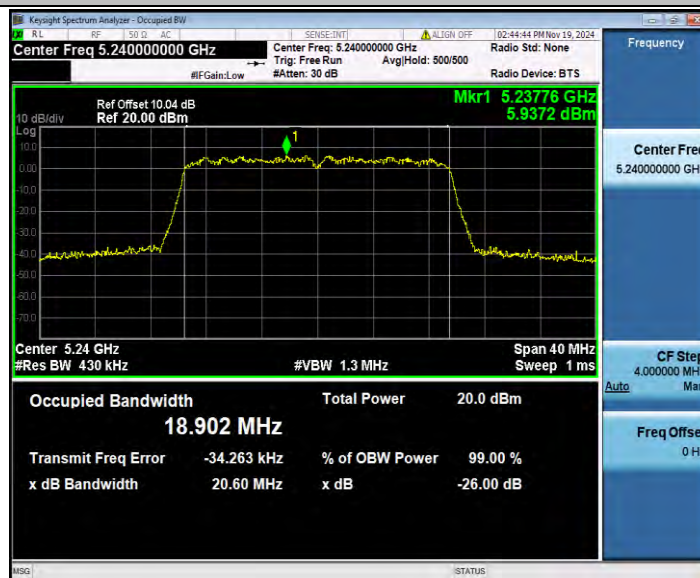
11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5200



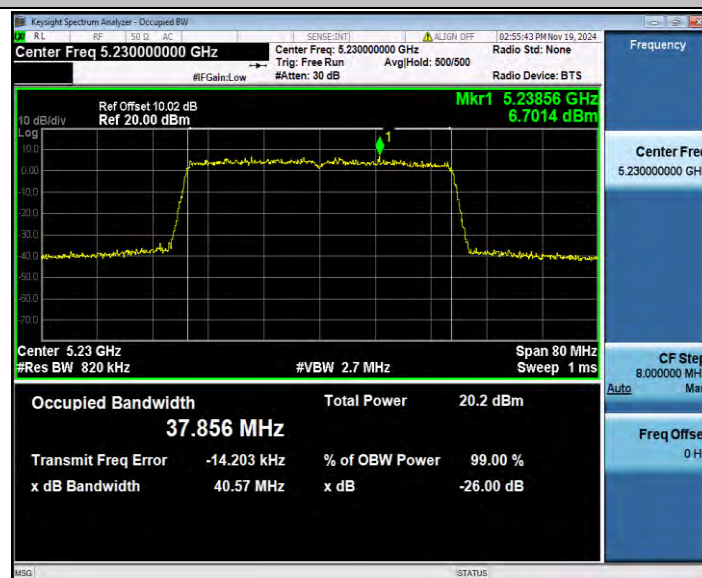
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



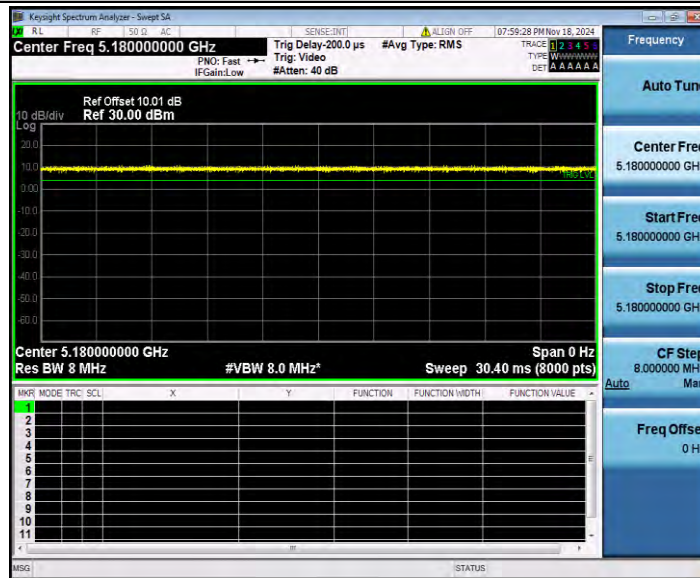
Appendix D.3: Duty Cycle

Test Result

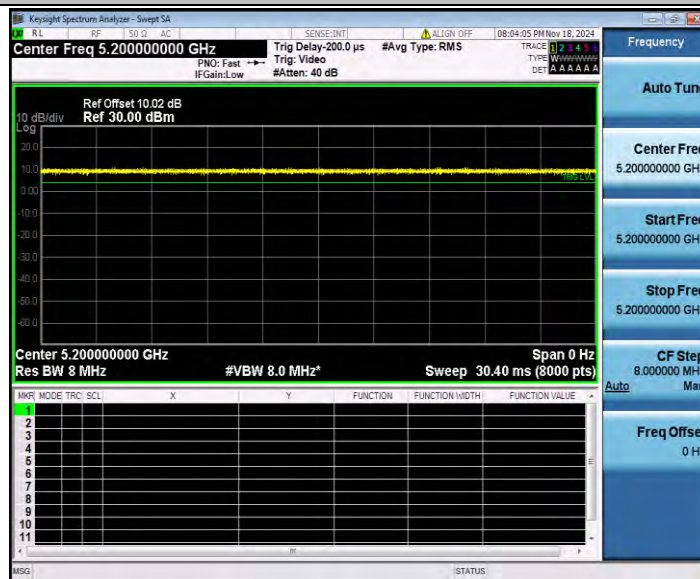
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant1	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11AC40SISO	Ant1	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant1	5210	30.00	30.00	100.00	0.00	0.03
11AX20SISO	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11AX40SISO	Ant1	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AX80SISO	Ant1	5210	30.00	30.00	100.00	0.00	0.03

Test Graphs

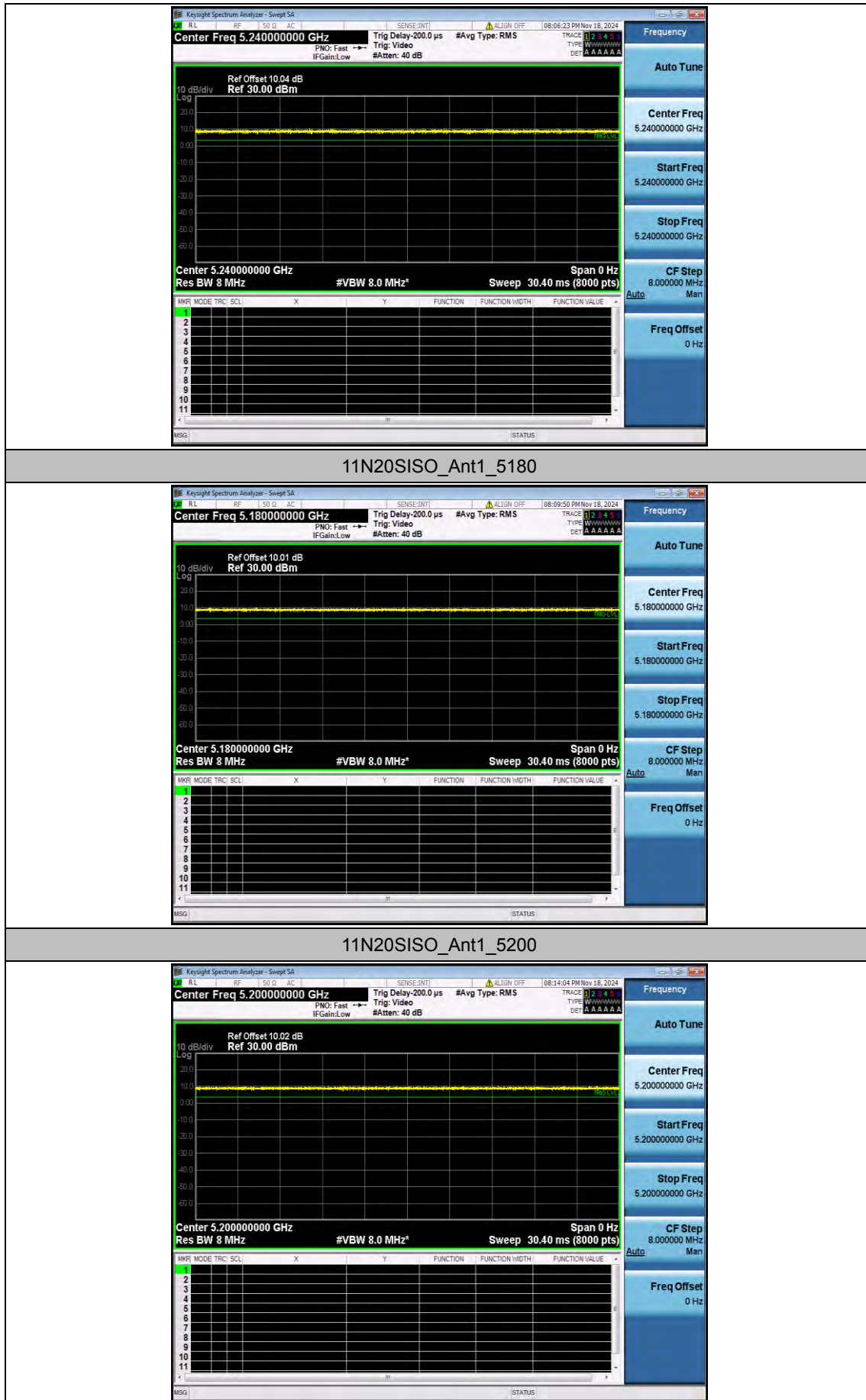
11A_Ant1_5180



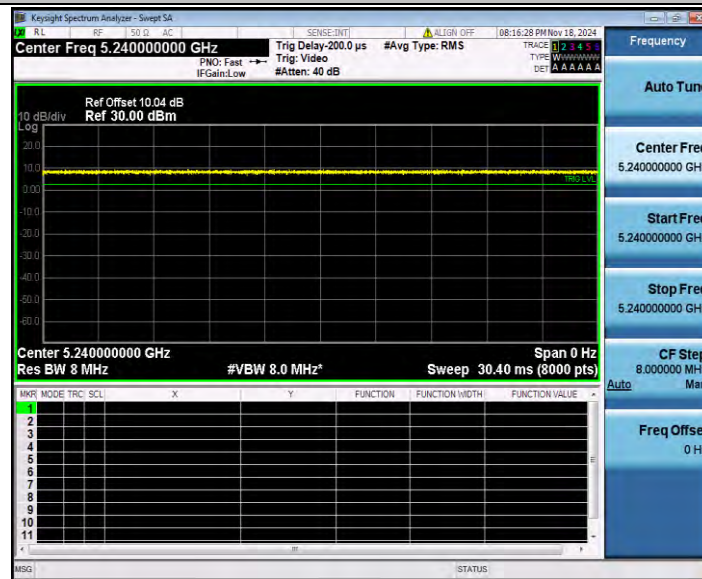
11A_Ant1_5200



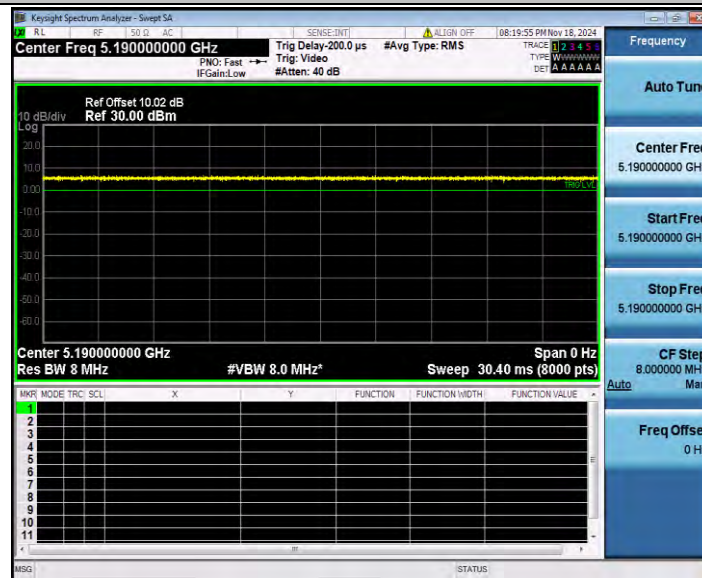
11A_Ant1_5240



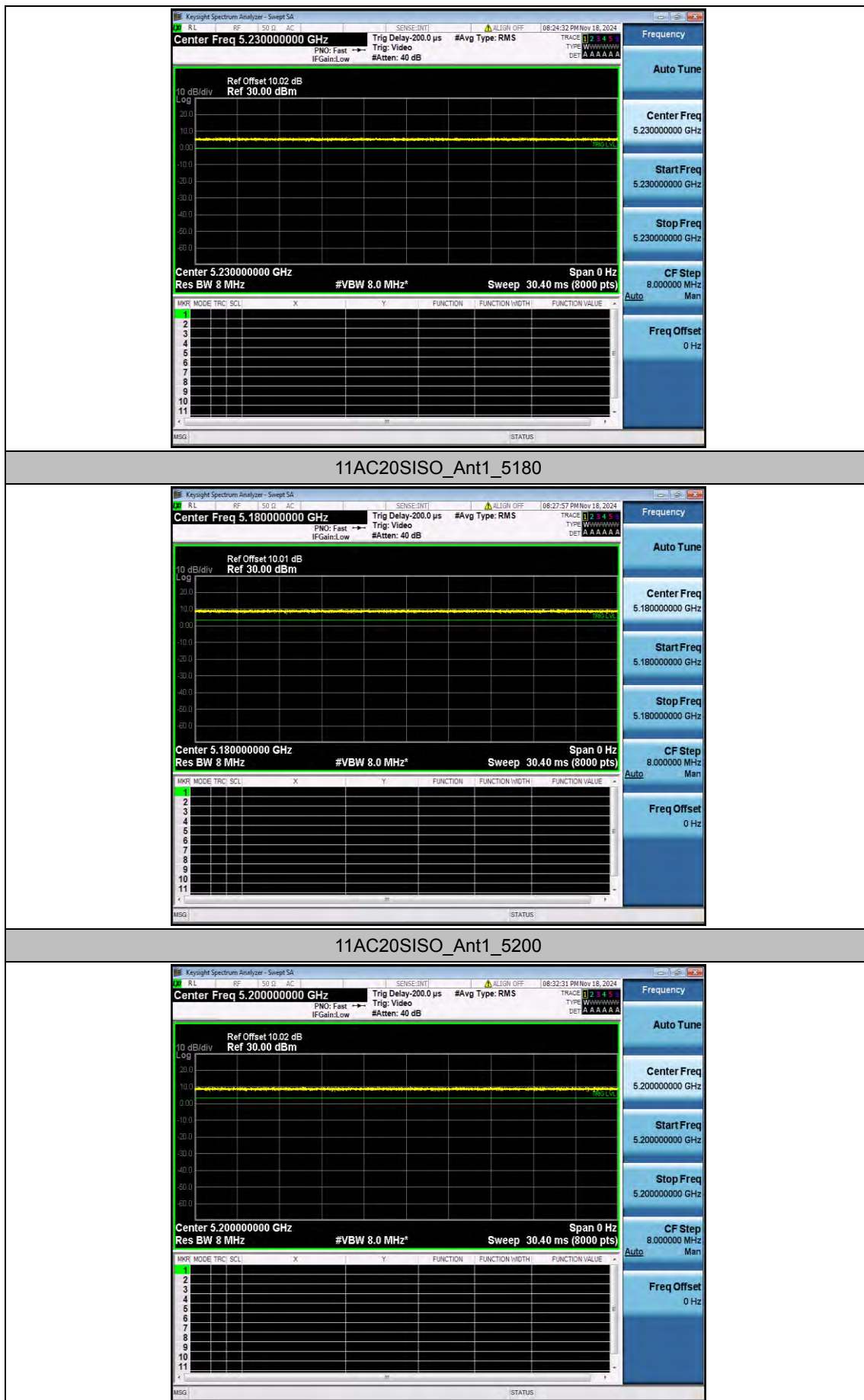
11N20SISO_Ant1_5240



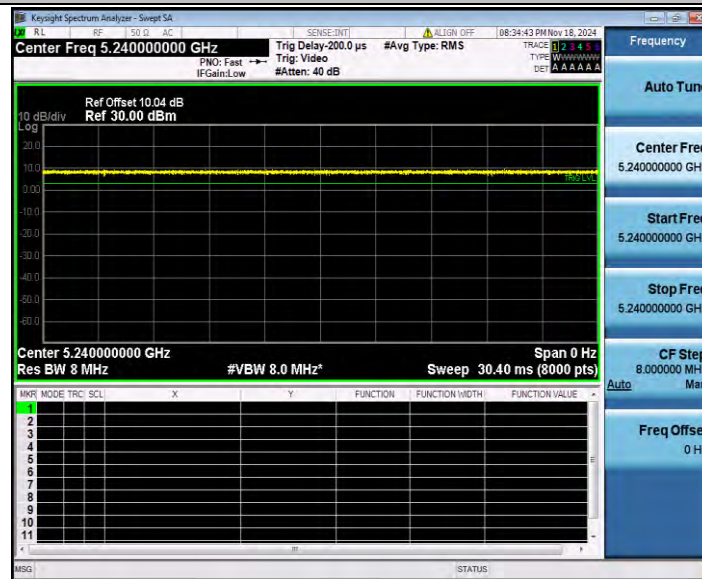
11N40SISO_Ant1_5190



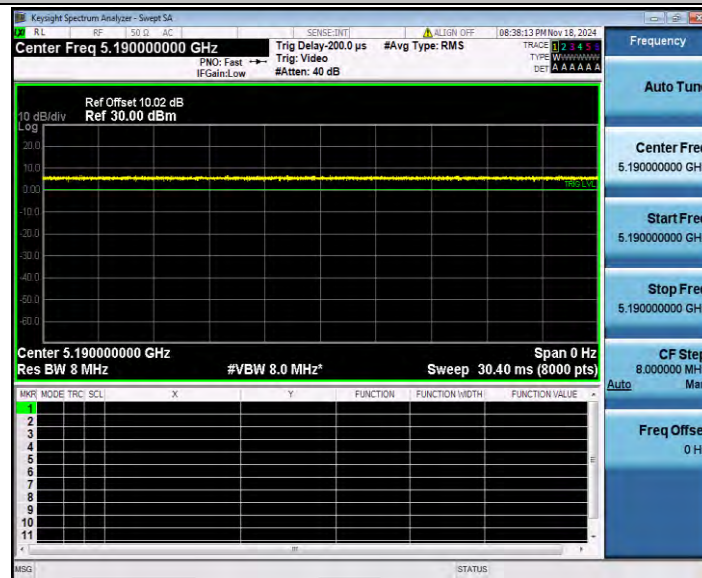
11N40SISO_Ant1_5230



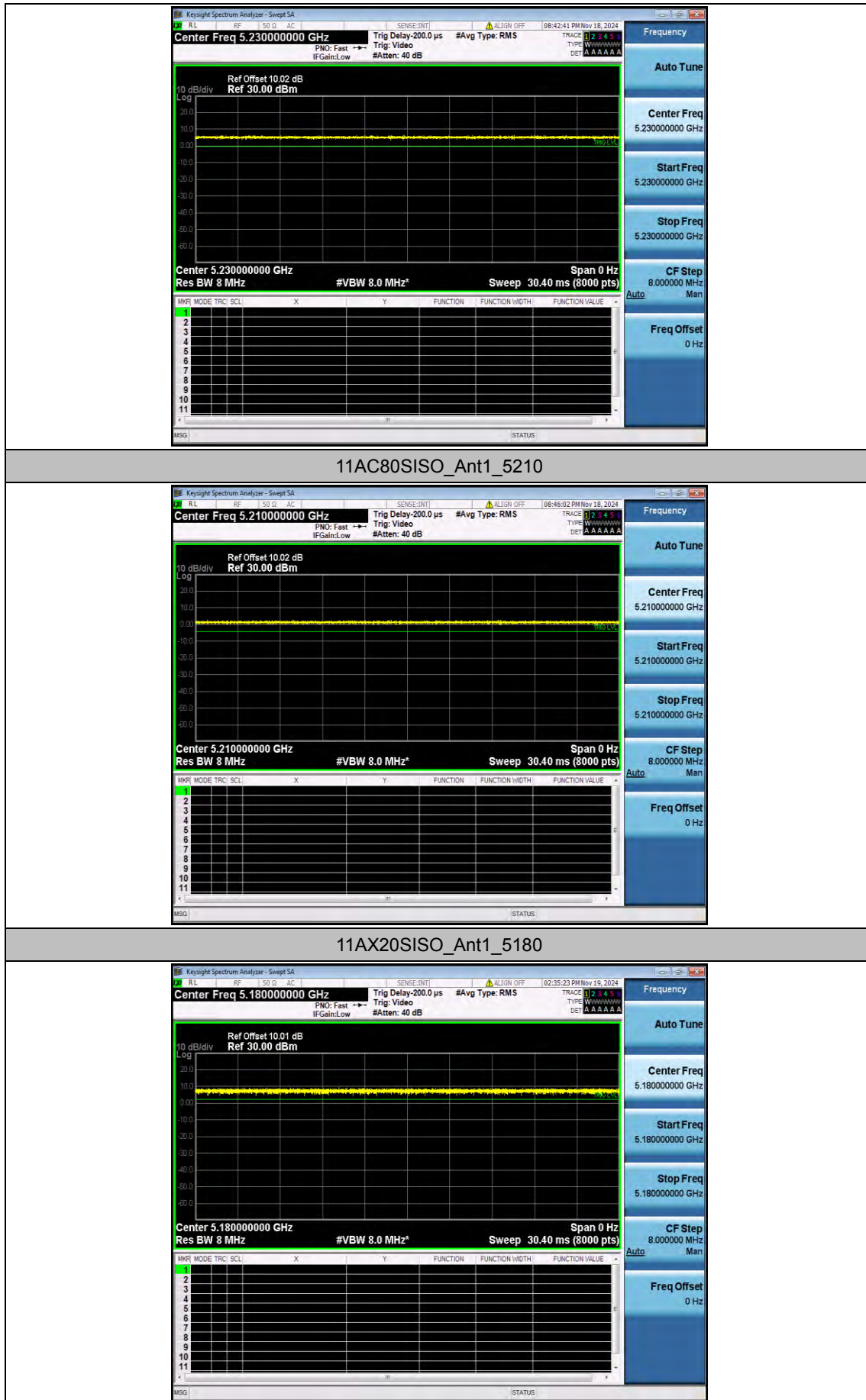
11AC20SISO_Ant1_5240



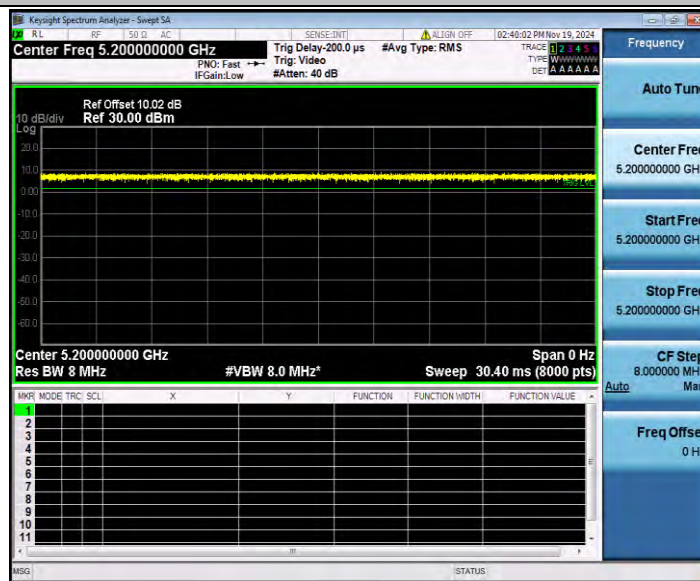
11AC40SISO_Ant1_5190



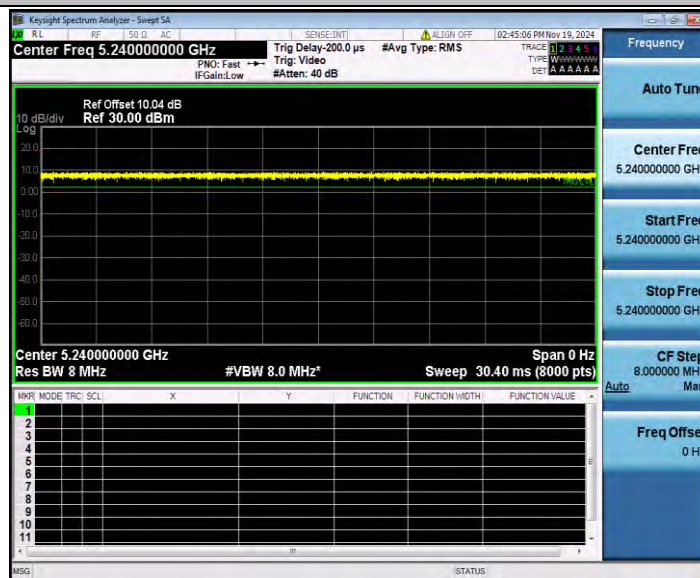
11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190

