

Case No. : <u>GTS20250106018-3-04</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.1.22</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	18.520	5170.680	5189.200	---	---
		5200	18.480	5190.640	5209.120	---	---
		5240	18.520	5230.600	5249.120	---	---
11N20SISO	Ant1	5180	19.440	5170.240	5189.680	---	---
		5200	19.520	5190.240	5209.760	---	---
		5240	19.480	5230.240	5249.720	---	---
11N40SISO	Ant1	5190	38.800	5170.640	5209.440	---	---
		5230	38.800	5210.560	5249.360	---	---
11AC20SISO	Ant1	5180	19.520	5170.200	5189.720	---	---
		5200	19.600	5190.160	5209.760	---	---
		5240	19.520	5230.240	5249.760	---	---
11AC40SISO	Ant1	5190	39.040	5170.400	5209.440	---	---
		5230	38.800	5210.640	5249.440	---	---
11AC80SISO	Ant1	5210	83.360	5169.200	5252.560	---	---
11AX20SISO	Ant1	5180	20.240	5169.840	5190.080	---	---
		5200	20.400	5189.760	5210.160	---	---
		5240	20.400	5229.760	5250.160	---	---
11AX40SISO	Ant1	5190	39.920	5170.080	5210.000	---	---
		5230	40.080	5209.840	5249.920	---	---
11AX80SISO	Ant1	5210	80.960	5169.520	5250.480	---	---

Test Graphs

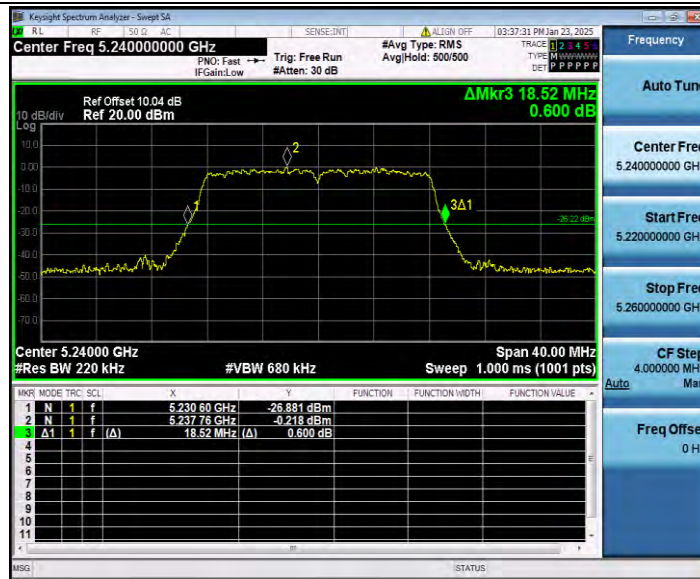
11A_Ant1_5180



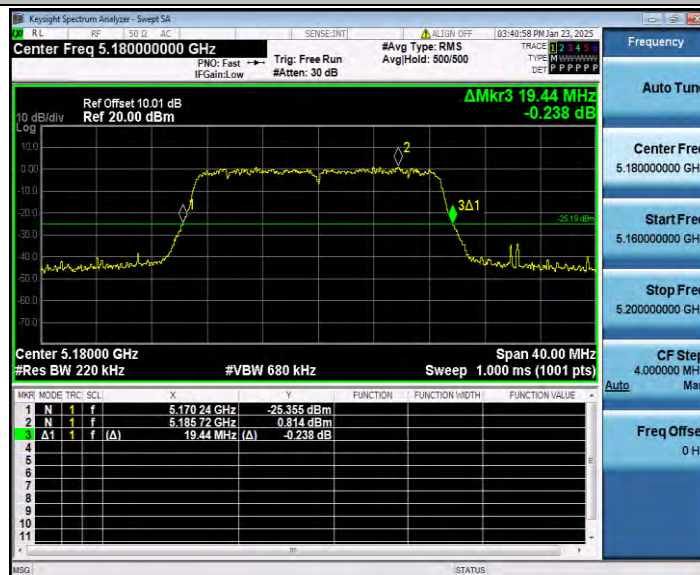
11A_Ant1_5200



11A_Ant1_5240



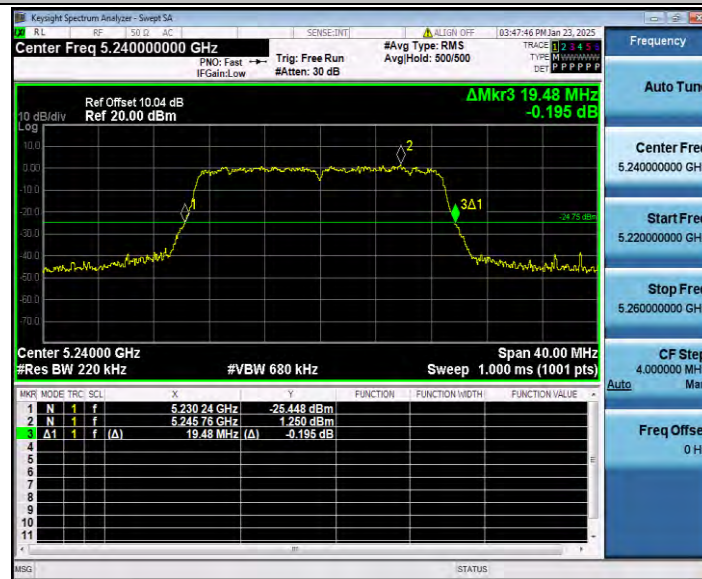
11N20SISO_Ant1_5180



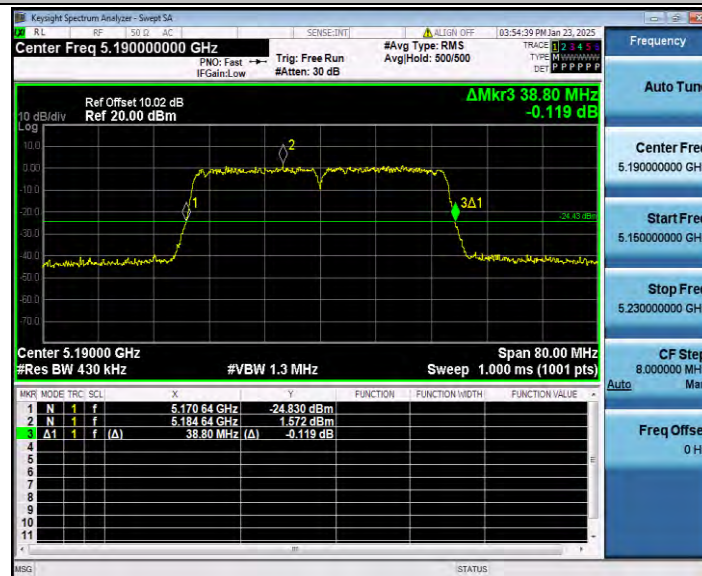
11N20SISO_Ant1_5200



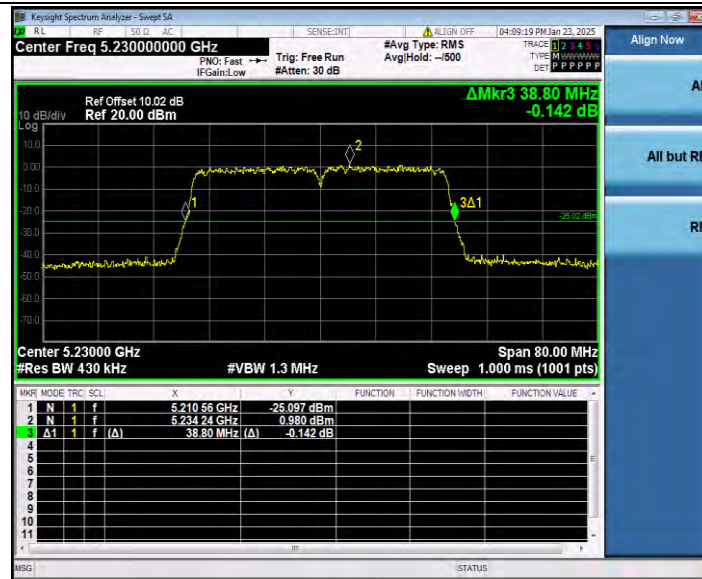
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



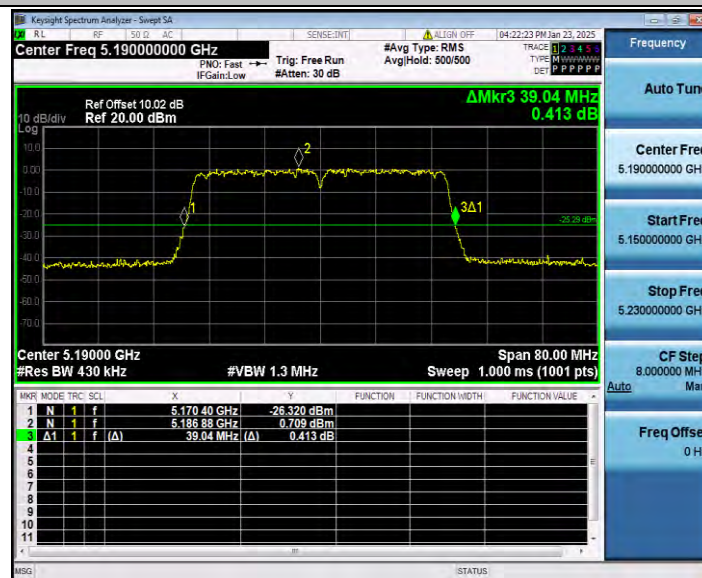
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



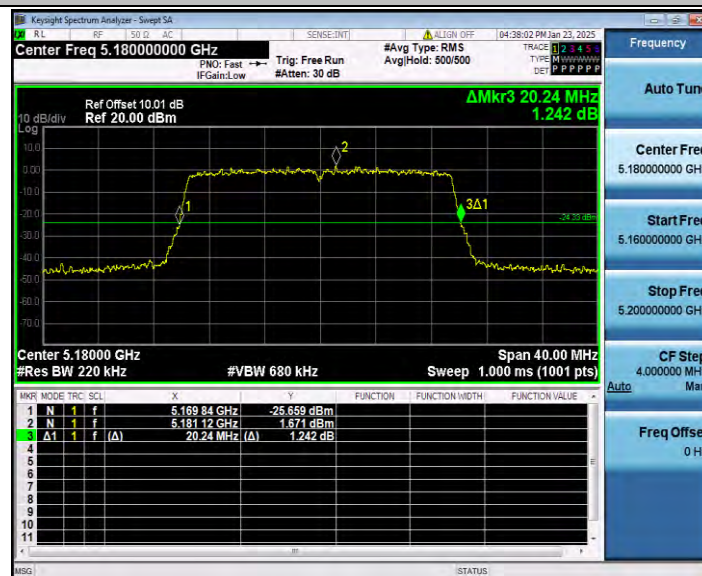
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



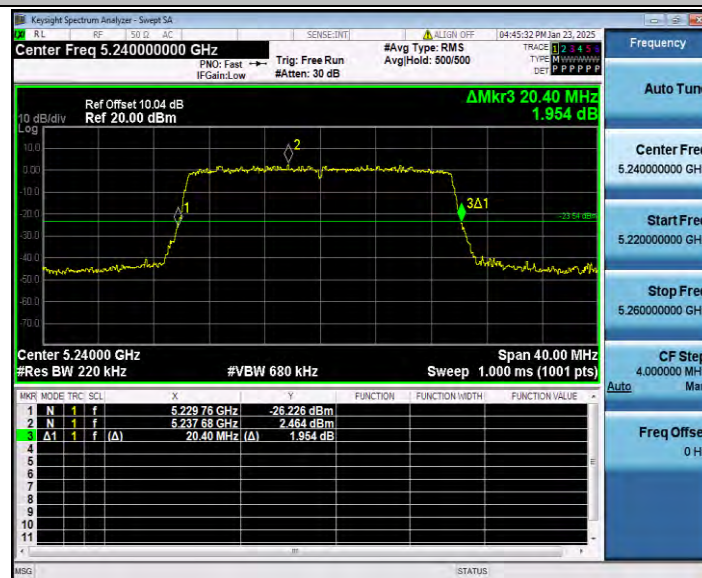
11AX20SISO_Ant1_5180



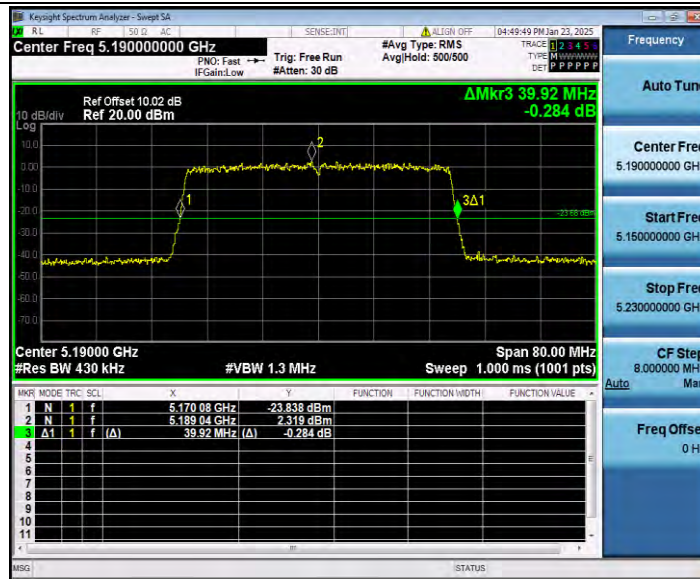
11AX20SISO_Ant1_5200



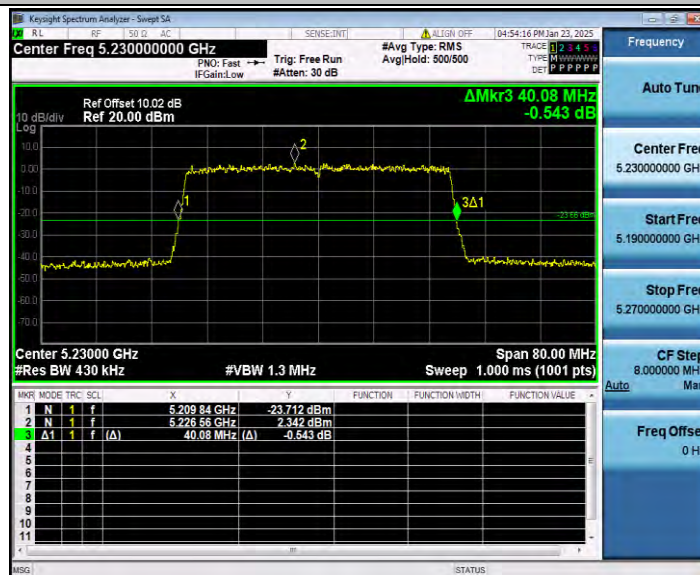
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

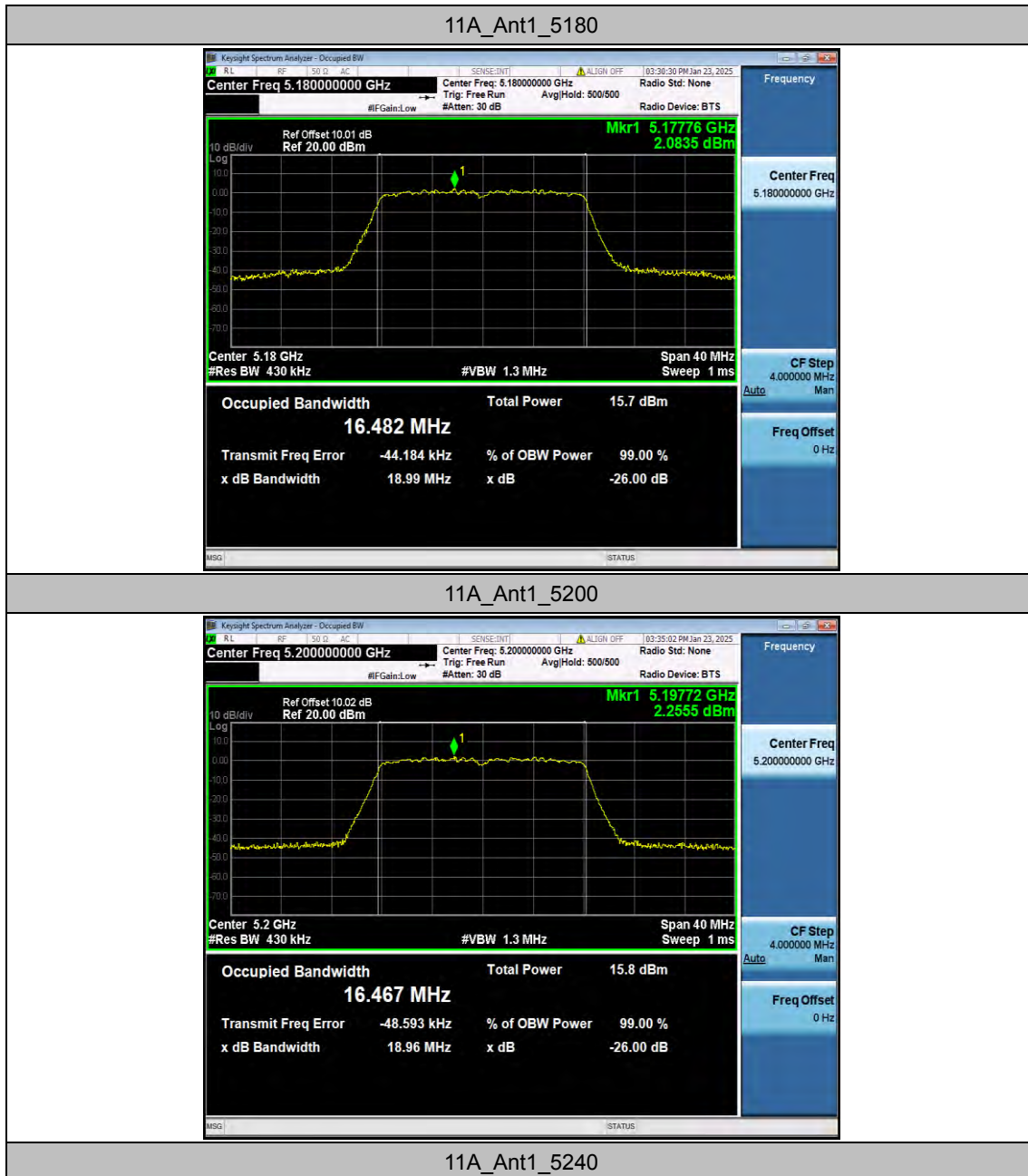


Appendix D.2: Occupied channel bandwidth

Test Result

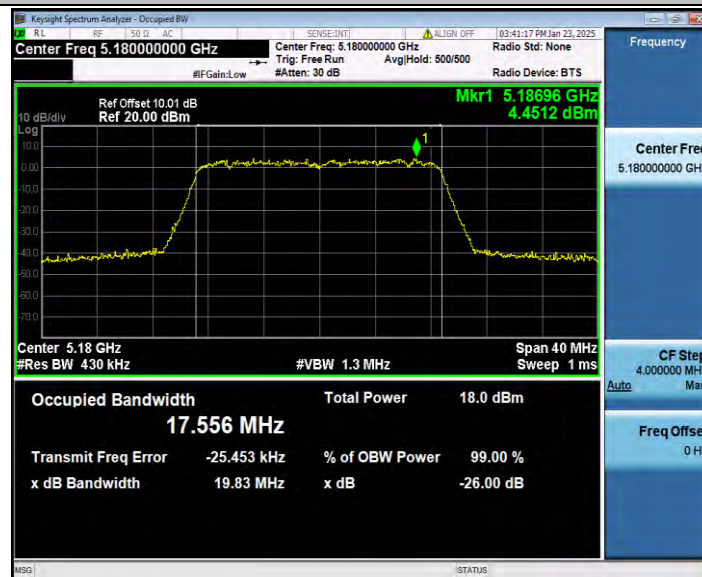
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.482	5171.7148	5188.1968	---	---
		5200	16.467	5191.7179	5208.1849	---	---
		5240	16.473	5231.7072	5248.1802	---	---
11N20SISO	Ant1	5180	17.556	5171.1966	5188.7526	---	---
		5200	17.567	5191.1859	5208.7529	---	---
		5240	17.562	5231.1850	5248.7470	---	---
11N40SISO	Ant1	5190	36.058	5171.9957	5208.0537	---	---
		5230	36.097	5211.9258	5248.0228	---	---
11AC20SISO	Ant1	5180	17.560	5171.1889	5188.7489	---	---
		5200	17.561	5191.1883	5208.7493	---	---
		5240	17.570	5231.1807	5248.7507	---	---
11AC40SISO	Ant1	5190	36.074	5171.9724	5208.0464	---	---
		5230	36.074	5211.9621	5248.0361	---	---
11AC80SISO	Ant1	5210	74.677	5173.7255	5248.4025	---	---
11AX20SISO	Ant1	5180	18.927	5170.5269	5189.4539	---	---
		5200	18.928	5190.4975	5209.4255	---	---
		5240	18.903	5230.5066	5249.4096	---	---
11AX40SISO	Ant1	5190	37.795	5171.0870	5208.8820	---	---
		5230	37.794	5211.0875	5248.8815	---	---
11AX80SISO	Ant1	5210	77.540	5171.2395	5248.7795	---	---

Test Graphs

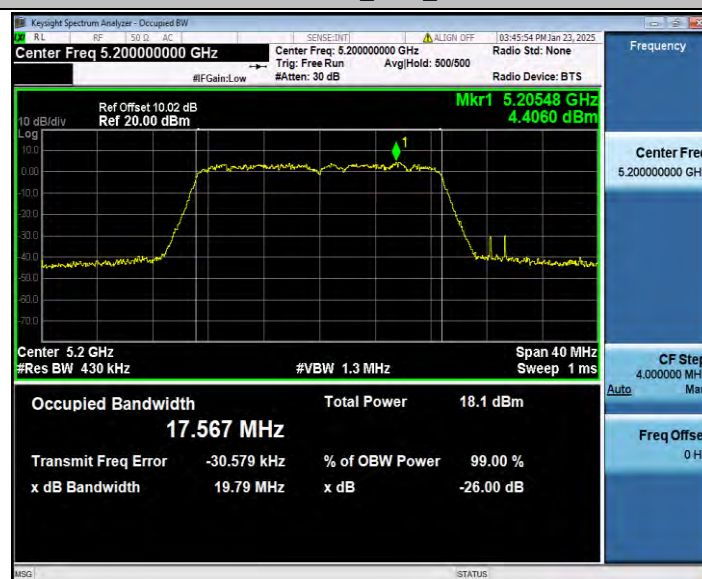




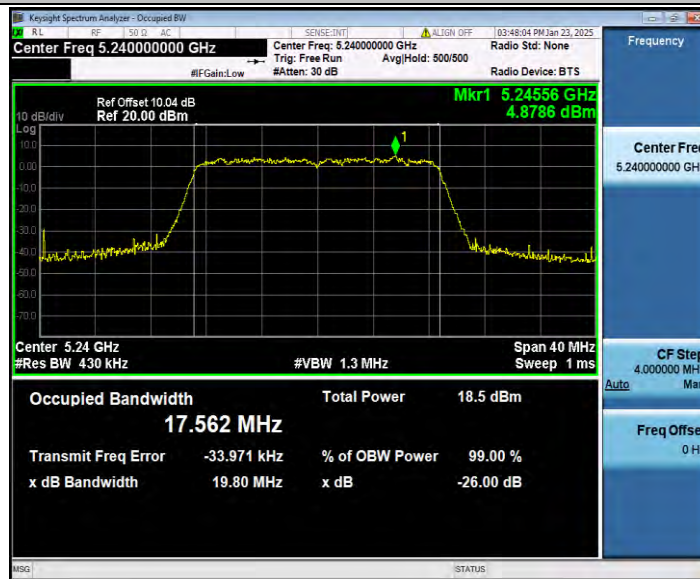
11N20SISO_Ant1_5180



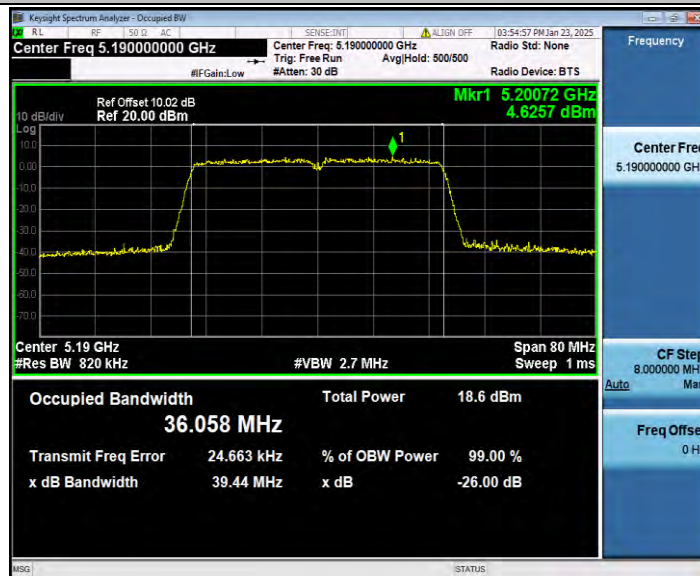
11N20SISO_Ant1_5200



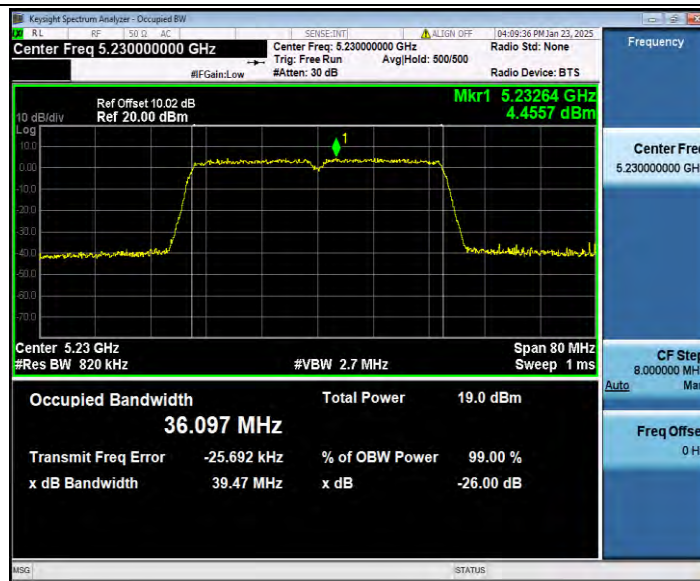
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



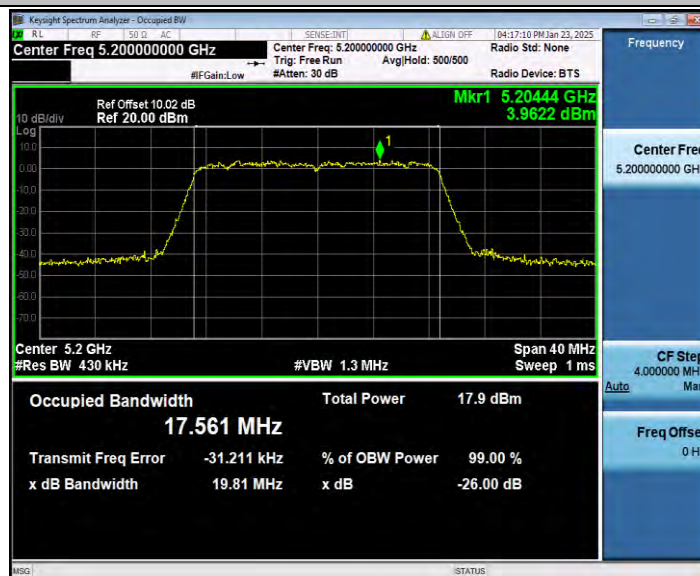
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



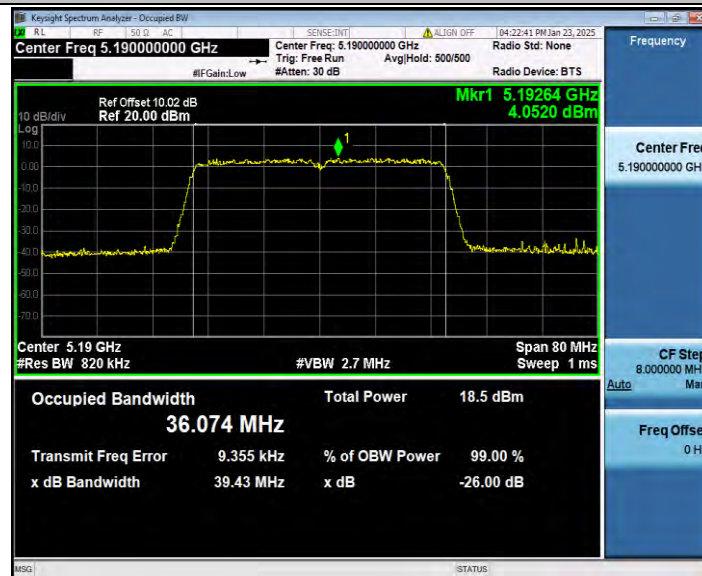
11AC20SISO_Ant1_5200



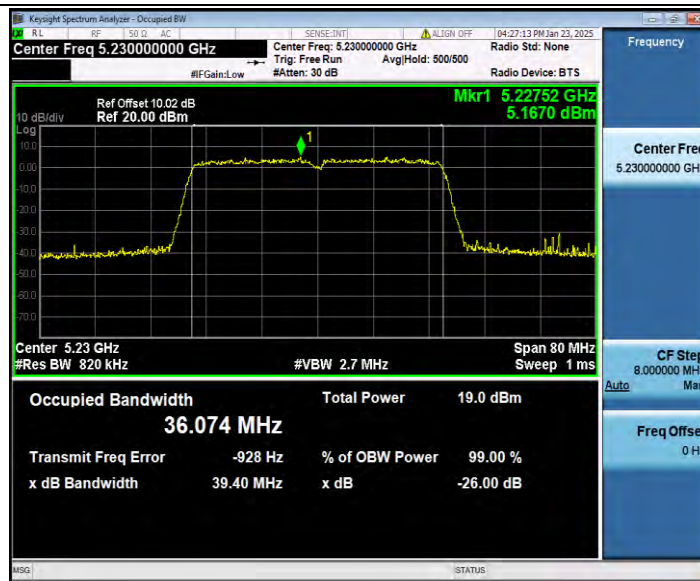
11AC20SISO_Ant1_5240



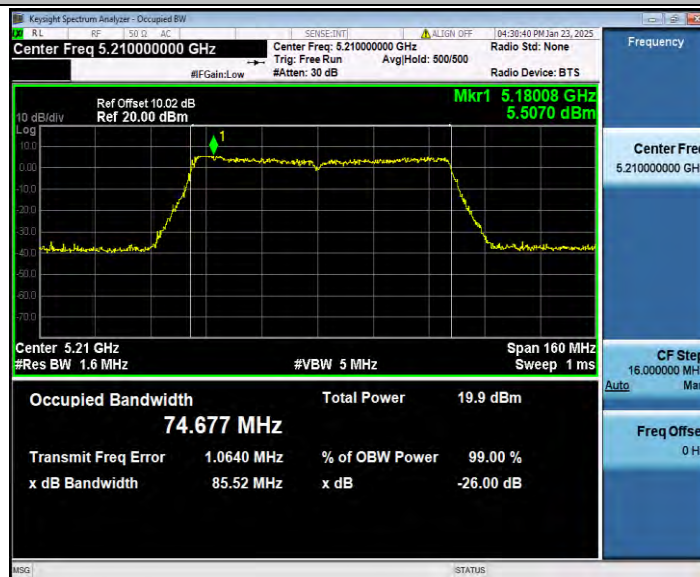
11AC40SISO_Ant1_5190



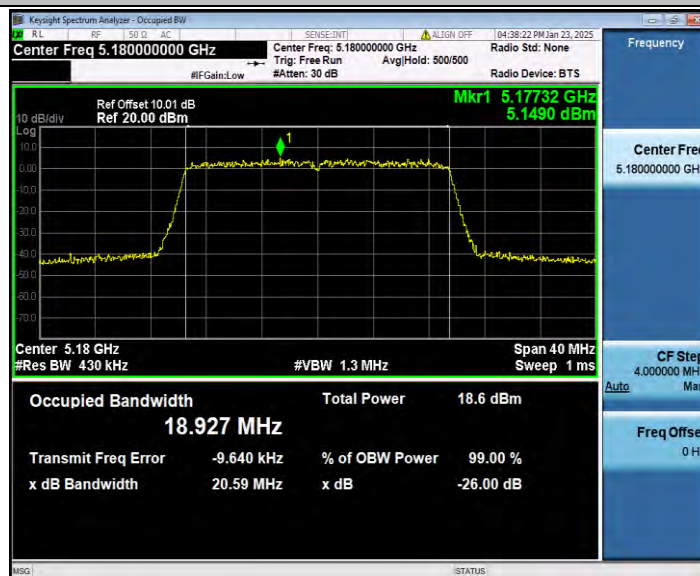
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



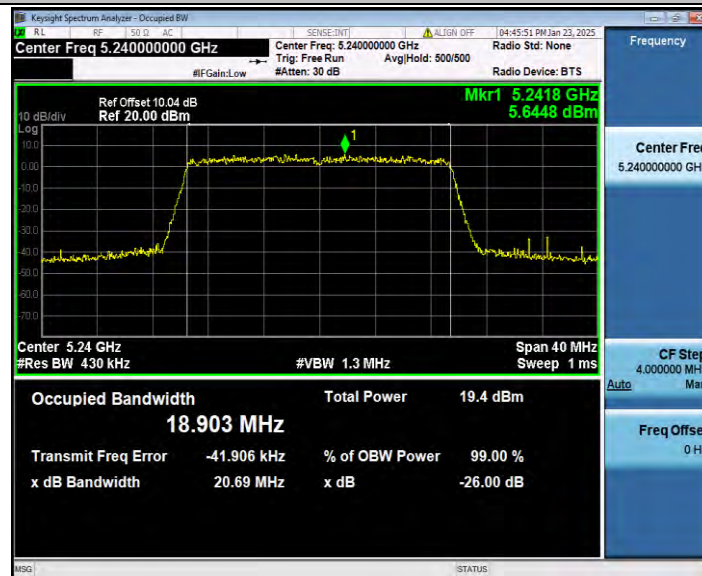
11AX20SISO_Ant1_5180



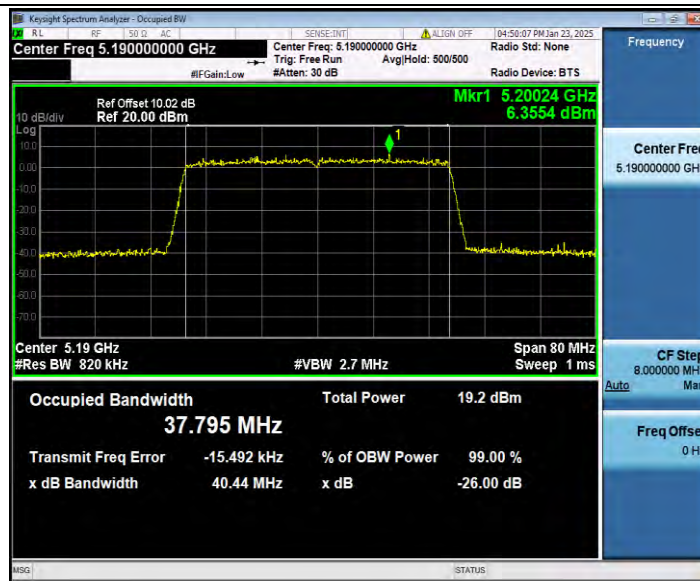
11AX20SISO_Ant1_5200



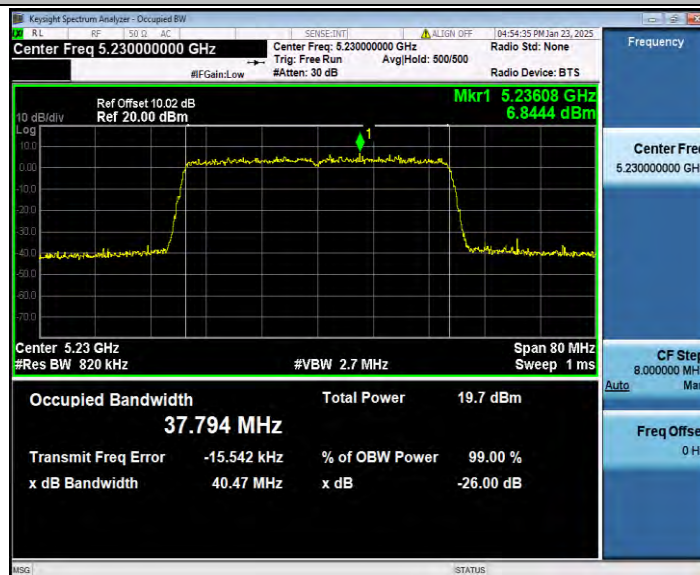
11AX20SISO_Ant1_5240



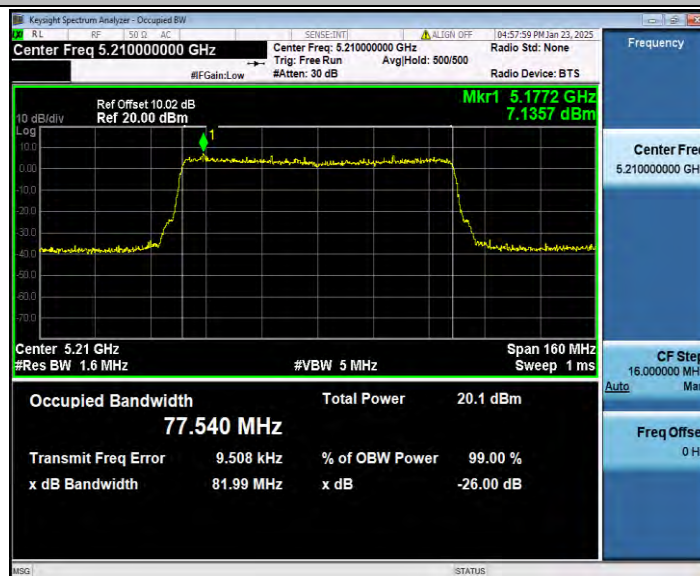
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



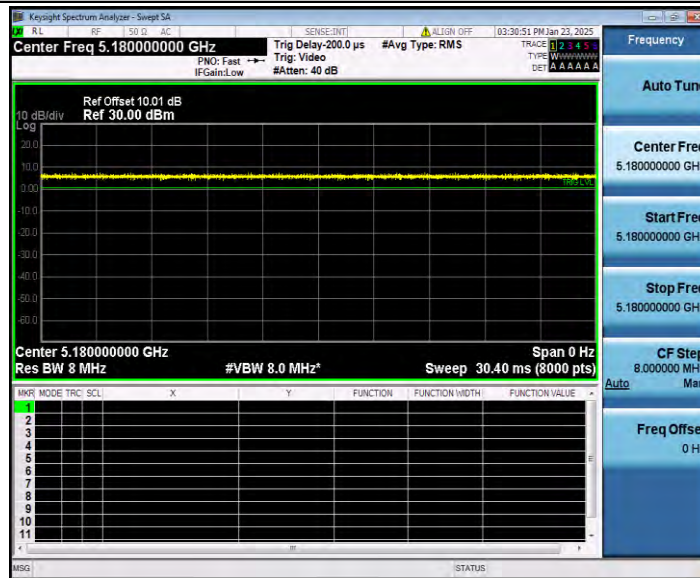
Appendix D.3: Duty Cycle

Test Result

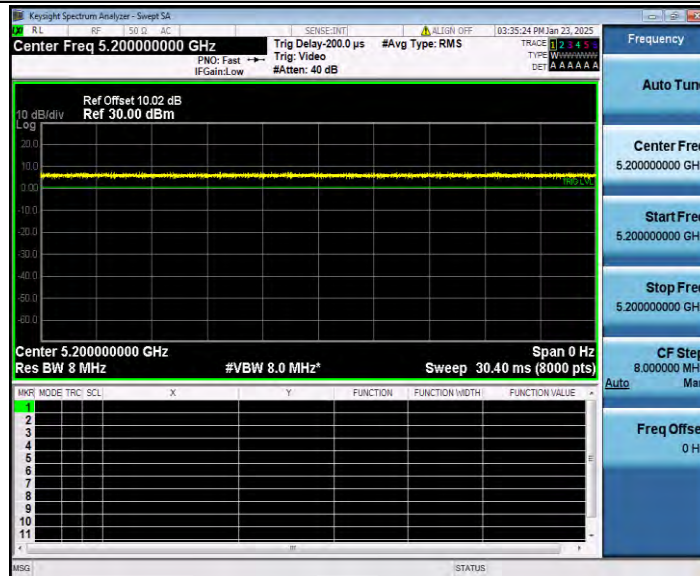
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	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

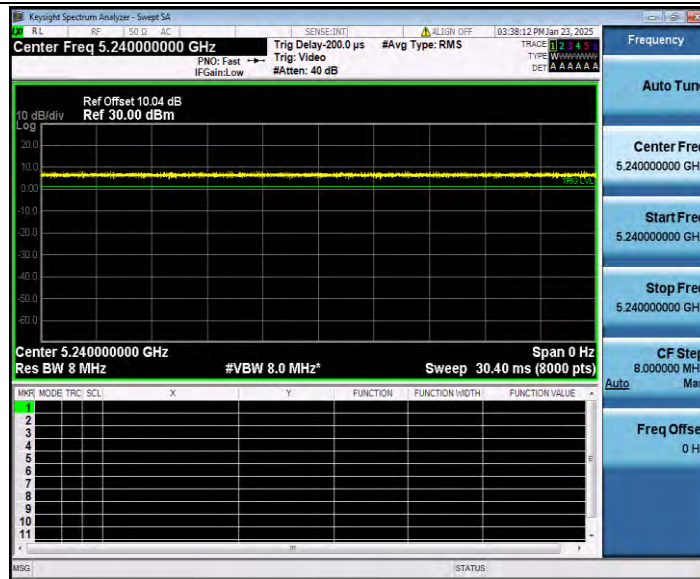
11A_Ant1_5180



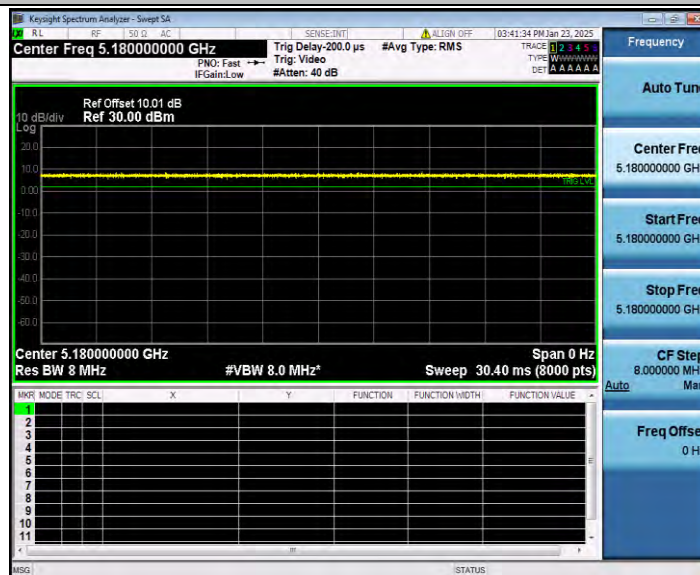
11A_Ant1_5200



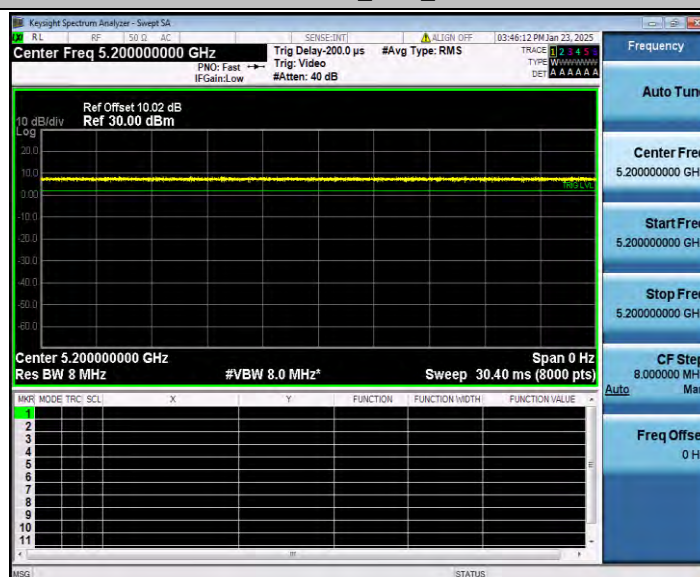
11A_Ant1_5240



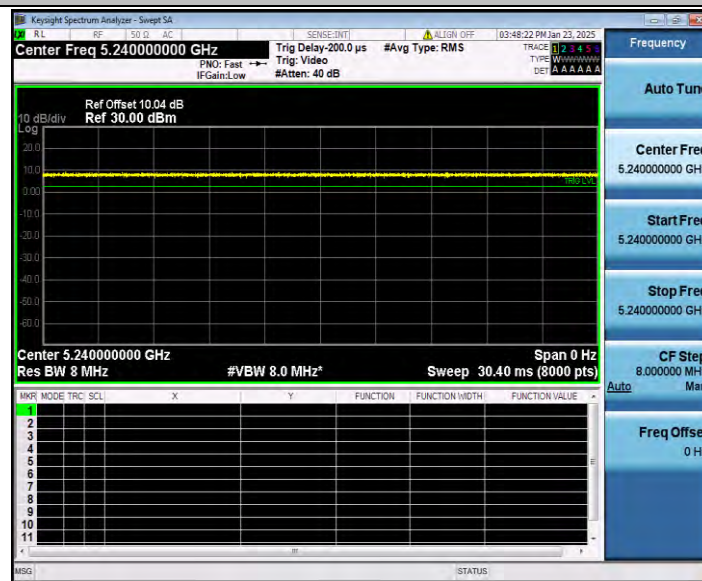
11N20SISO_Ant1_5180



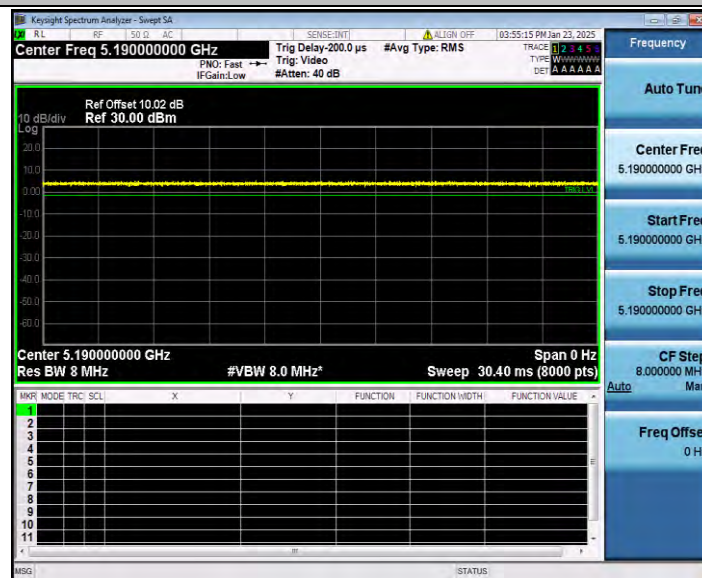
11N20SISO_Ant1_5200



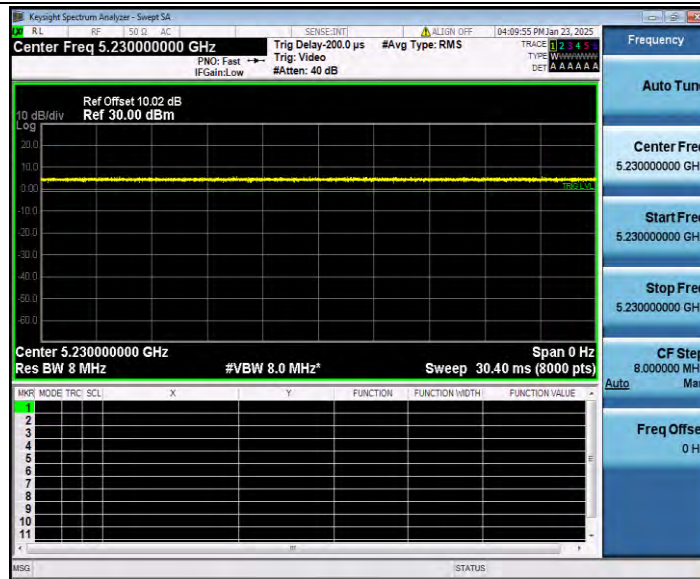
11N20SISO_Ant1_5240



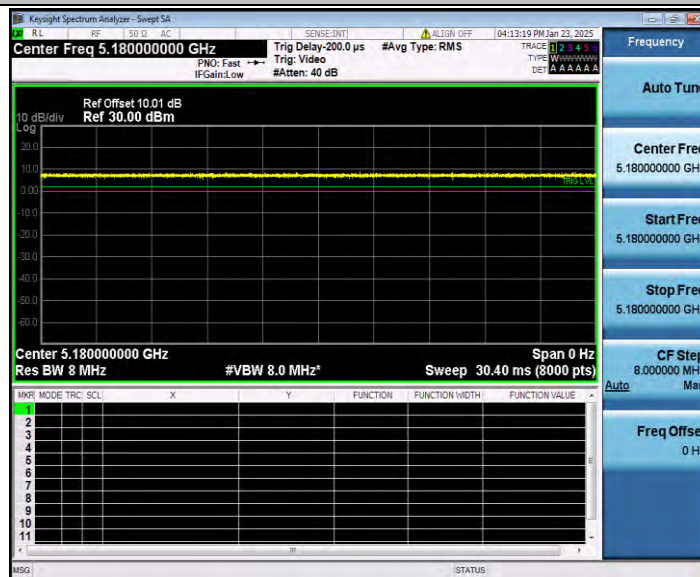
11N40SISO_Ant1_5190



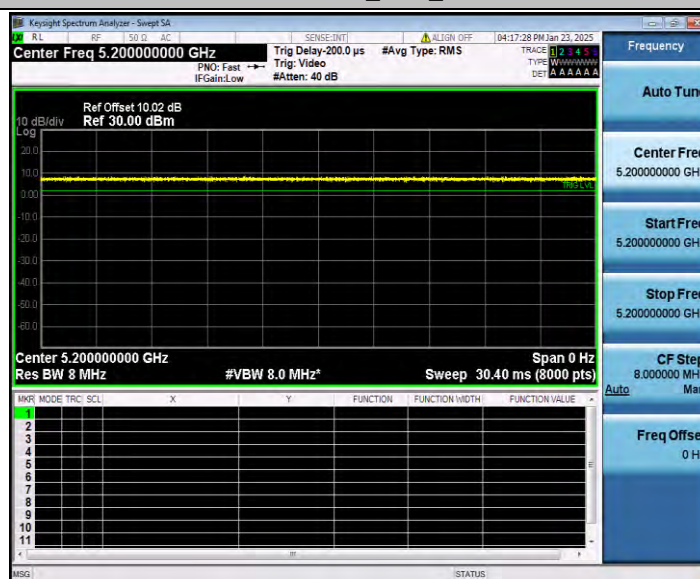
11N40SISO_Ant1_5230



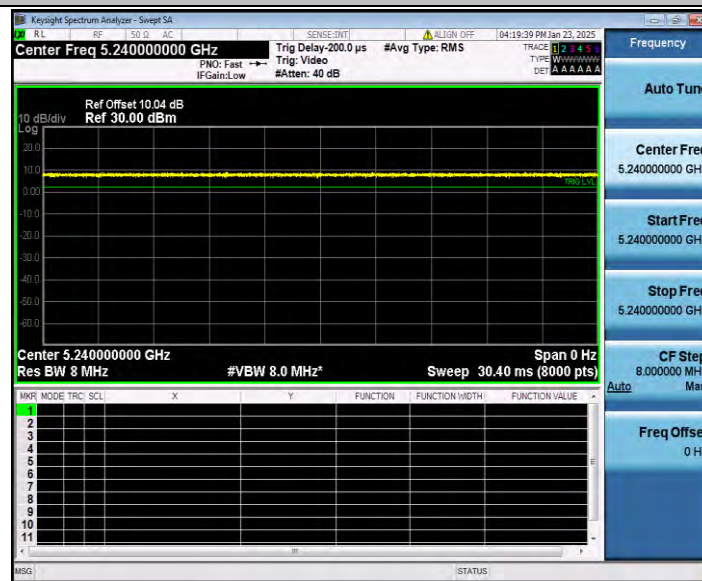
11AC20SISO_Ant1_5180



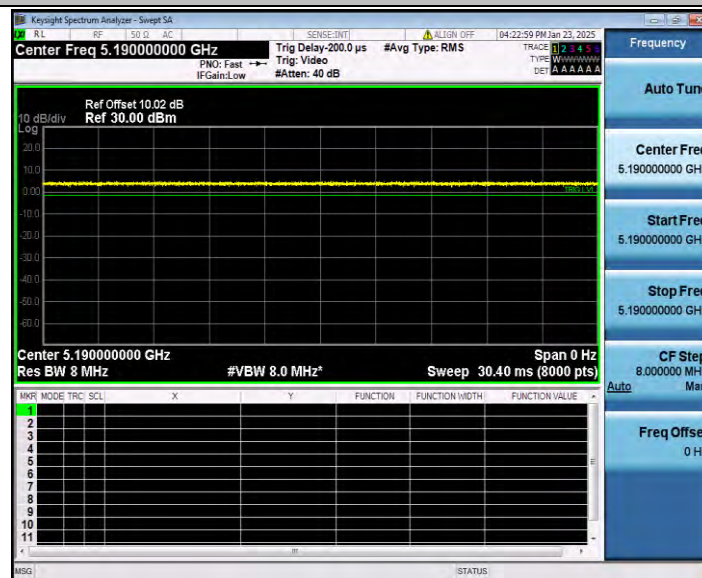
11AC20SISO_Ant1_5200



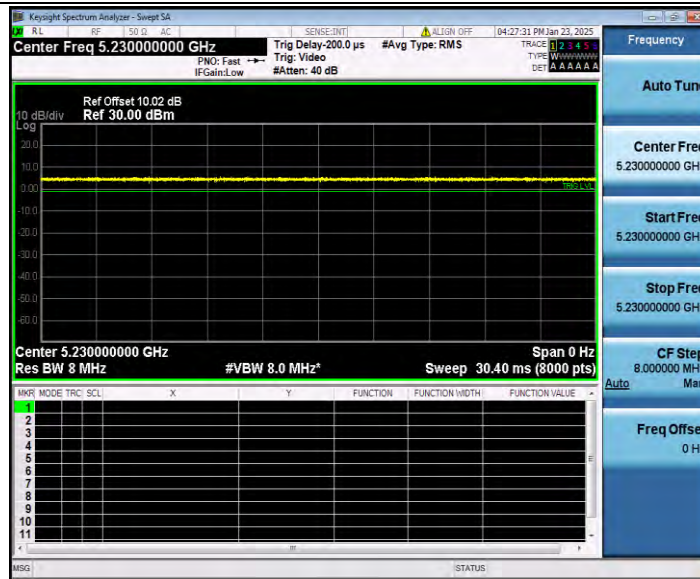
11AC20SISO_Ant1_5240



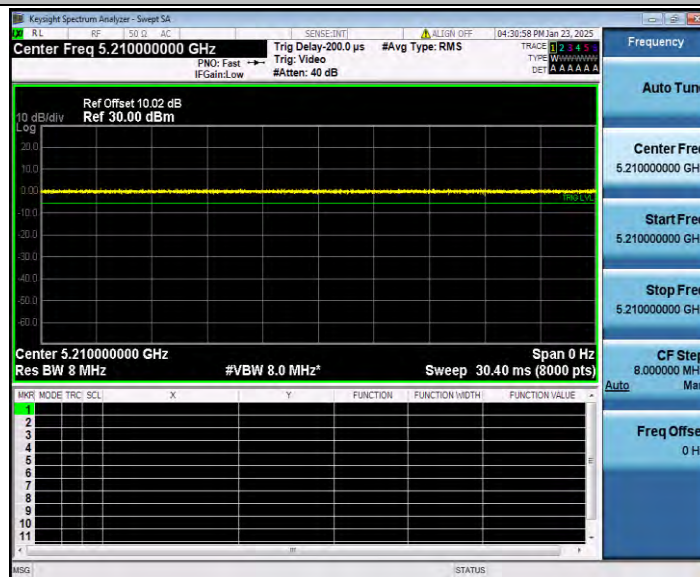
11AC40SISO_Ant1_5190



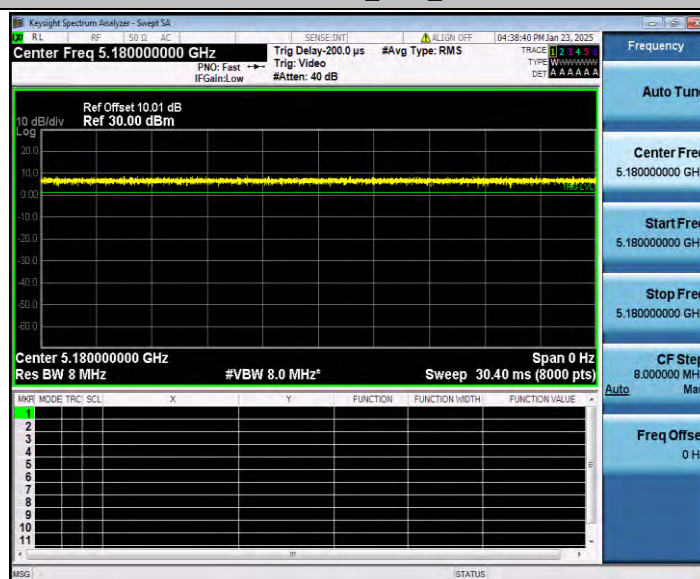
11AC40SISO_Ant1_5230



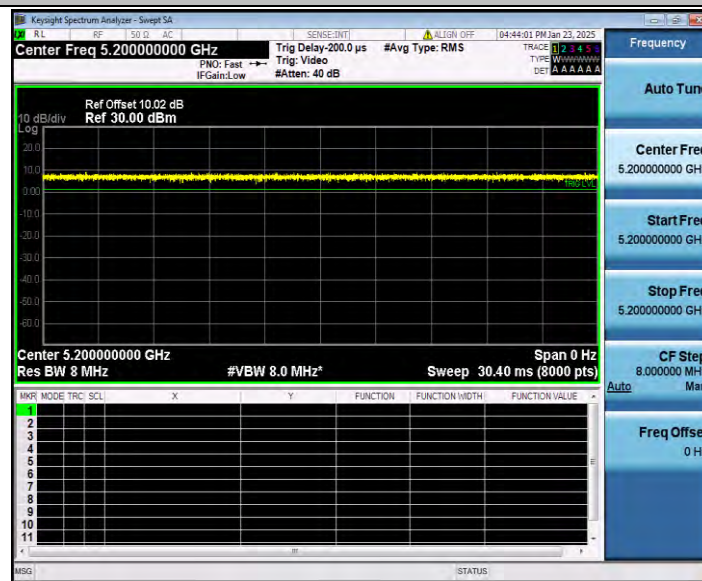
11AC80SISO_Ant1_5210



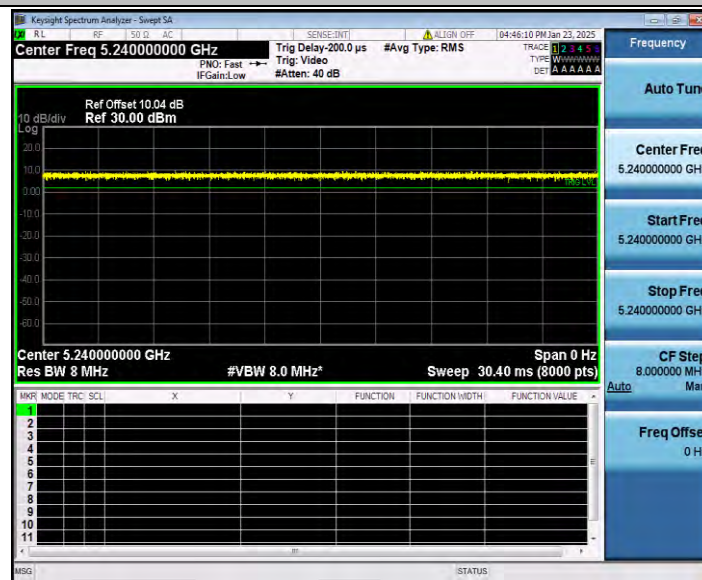
11AX20SISO_Ant1_5180



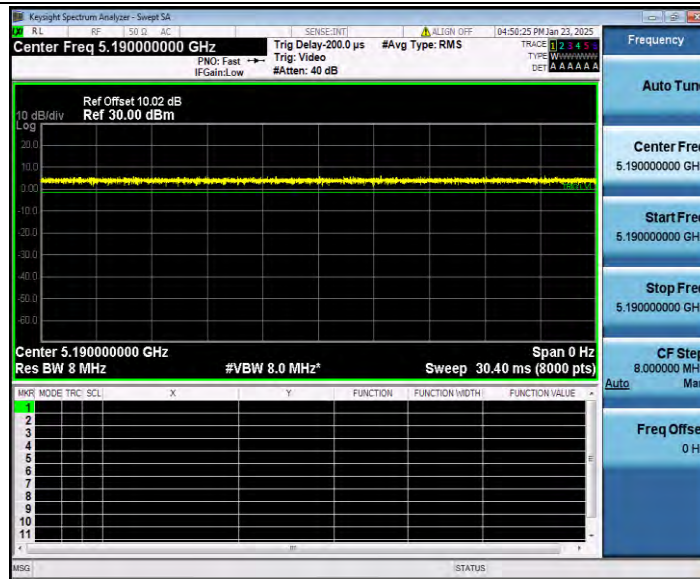
11AX20SISO_Ant1_5200



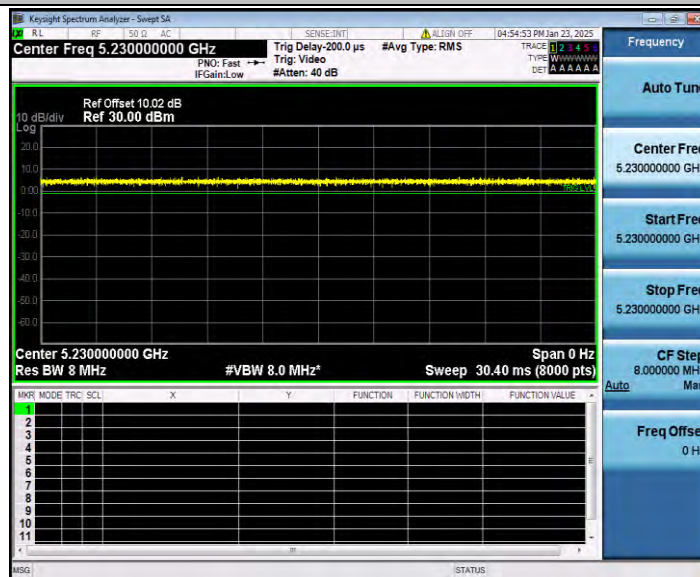
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

