

Case No. : <u>GTS20250106018-3-04</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.1.21</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	Ant0	5180	18.560	5170.640	5189.200	---	---
		5200	18.480	5190.640	5209.120	---	---
		5240	18.480	5230.640	5249.120	---	---
11N20SISO	Ant0	5180	19.640	5170.200	5189.840	---	---
		5200	19.600	5190.200	5209.800	---	---
		5240	19.560	5230.200	5249.760	---	---
11N40SISO	Ant0	5190	50.000	5159.360	5209.360	---	---
		5230	38.880	5210.560	5249.440	---	---
11AC20SISO	Ant0	5180	19.640	5170.160	5189.800	---	---
		5200	19.560	5190.240	5209.800	---	---
		5240	19.600	5230.160	5249.760	---	---
11AC40SISO	Ant0	5190	38.800	5170.640	5209.440	---	---
		5230	38.720	5210.640	5249.360	---	---
11AC80SISO	Ant0	5210	75.360	5177.520	5252.880	---	---
11AX20SISO	Ant0	5180	20.240	5169.880	5190.120	---	---
		5200	20.280	5189.840	5210.120	---	---
		5240	20.240	5229.880	5250.120	---	---
11AX40SISO	Ant0	5190	40.240	5170.000	5210.240	---	---
		5230	40.000	5210.000	5250.000	---	---
11AX80SISO	Ant0	5210	81.440	5169.200	5250.640	---	---

Test Graphs





11N20SISO_Ant0_5180



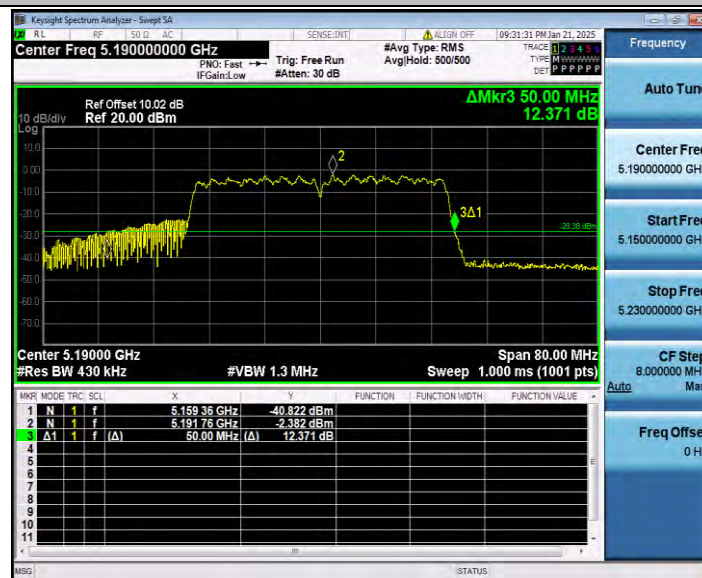
11N20SISO_Ant0_5200



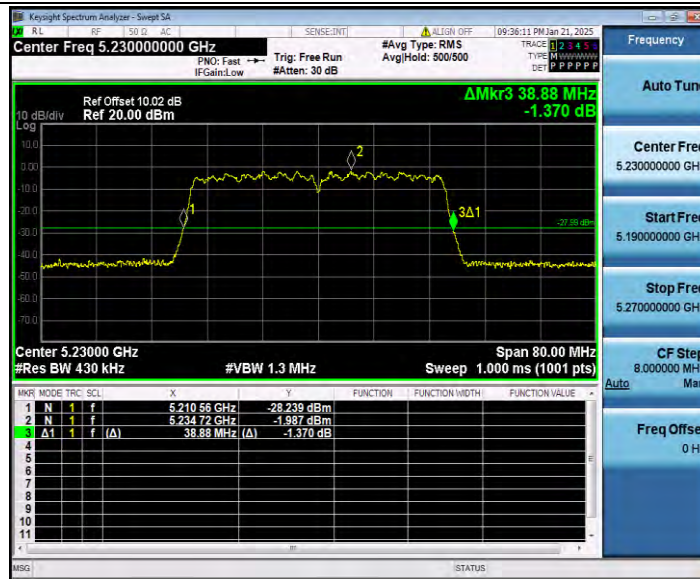
11N20SISO_Ant0_5240



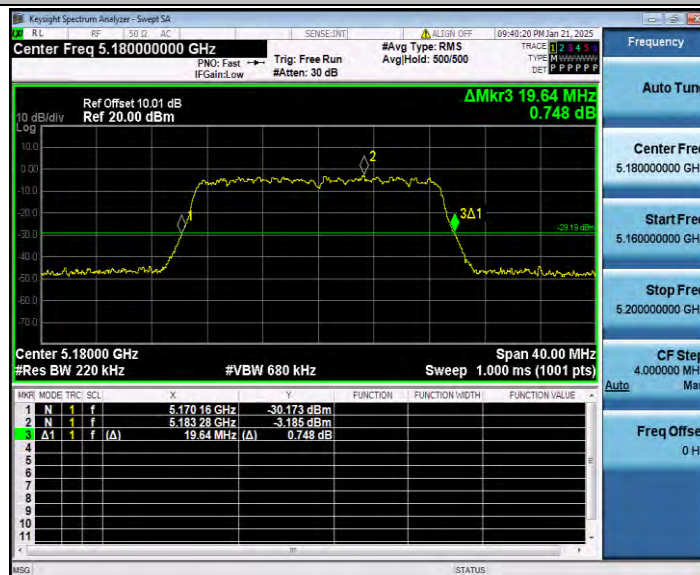
11N40SISO_Ant0_5190



11N40SISO_Ant0_5230



11AC20SISO_Ant0_5180



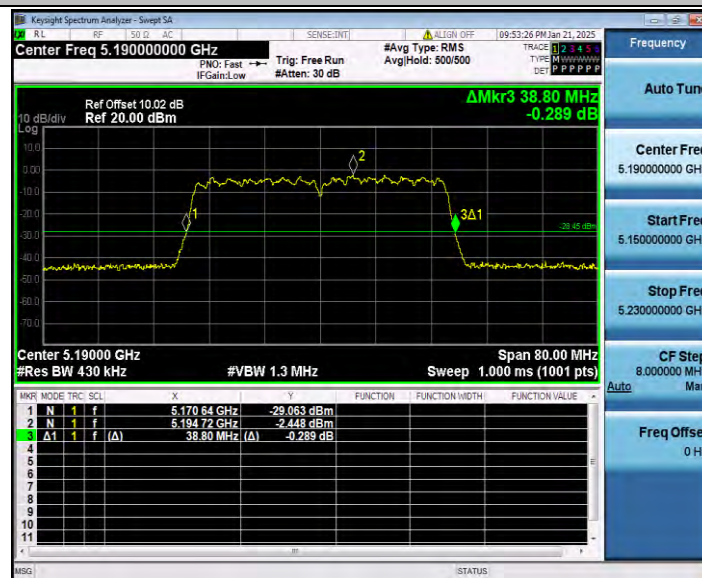
11AC20SISO_Ant0_5200



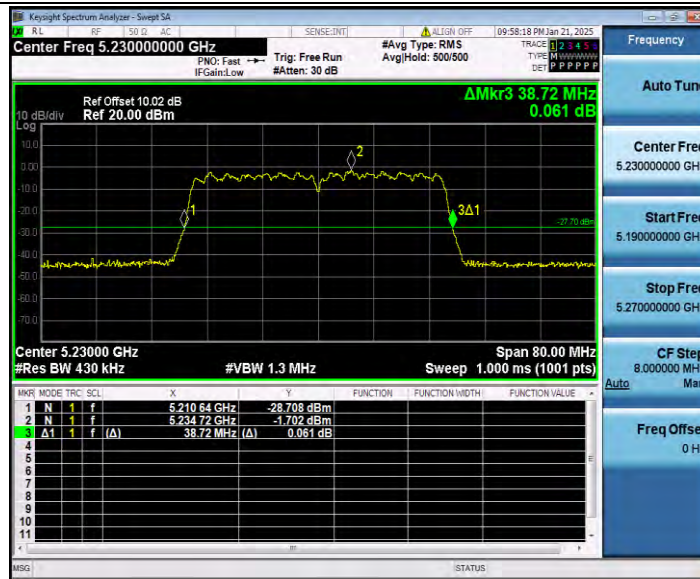
11AC20SISO_Ant0_5240



11AC40SISO_Ant0_5190



11AC40SISO_Ant0_5230



11AC80SISO_Ant0_5210



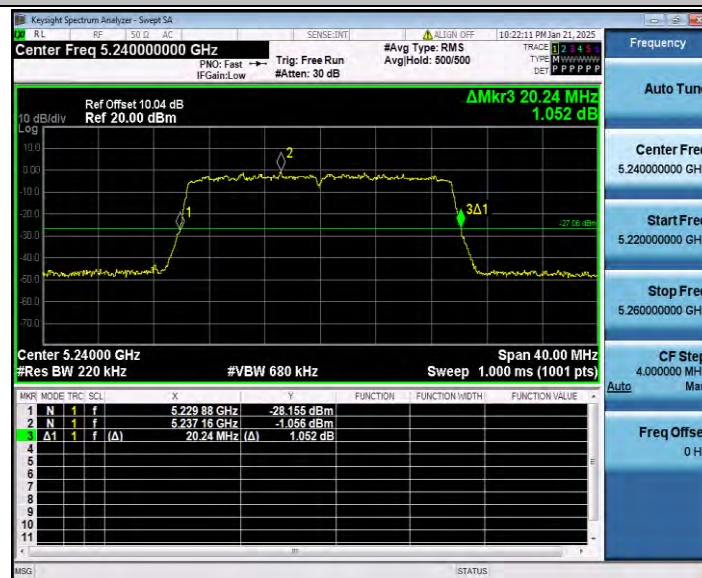
11AX20SISO_Ant0_5180



11AX20SISO_Ant0_5200



11AX20SISO_Ant0_5240



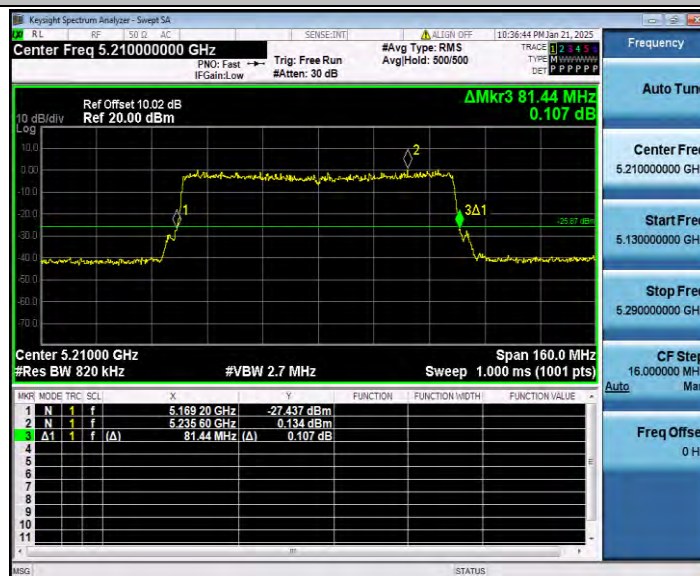
11AX40SISO_Ant0_5190



11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210

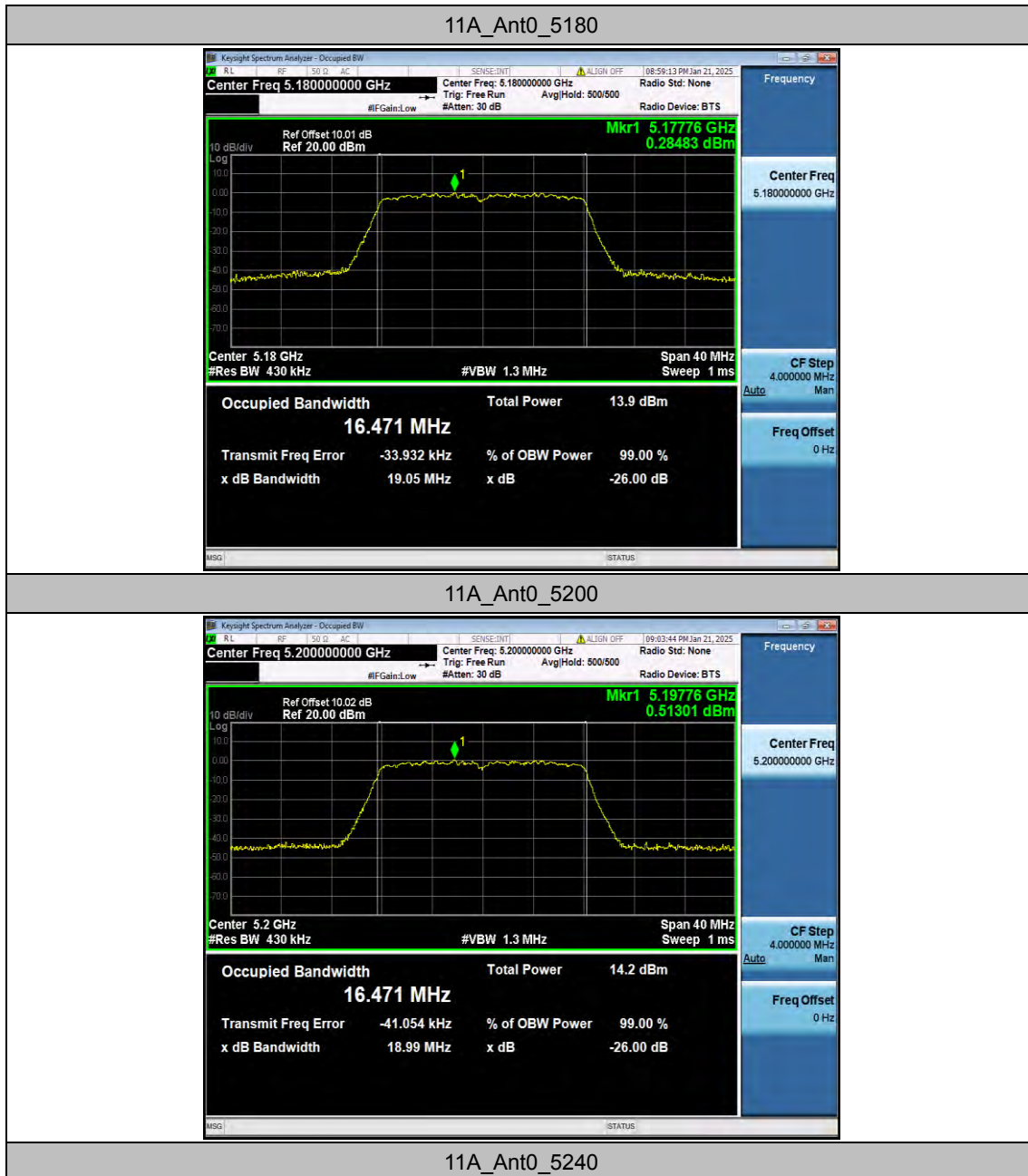


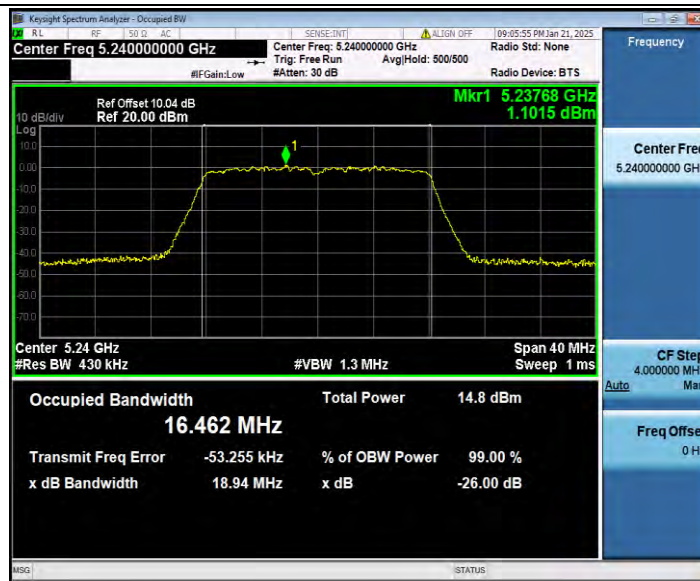
Appendix D.2: Occupied channel bandwidth

Test Result

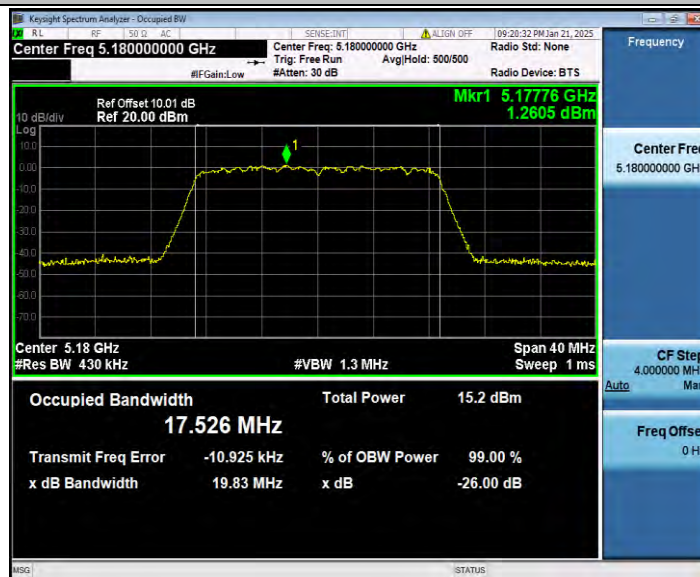
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	16.471	5171.7306	5188.2016	---	---
		5200	16.471	5191.7235	5208.1945	---	---
		5240	16.462	5231.7157	5248.1777	---	---
11N20SISO	Ant0	5180	17.526	5171.2261	5188.7521	---	---
		5200	17.542	5191.2065	5208.7485	---	---
		5240	17.530	5231.2073	5248.7373	---	---
11N40SISO	Ant0	5190	36.085	5171.9732	5208.0582	---	---
		5230	36.035	5211.9957	5248.0307	---	---
11AC20SISO	Ant0	5180	17.534	5171.2105	5188.7445	---	---
		5200	17.541	5191.2059	5208.7469	---	---
		5240	17.565	5231.1872	5248.7522	---	---
11AC40SISO	Ant0	5190	36.043	5171.9697	5208.0127	---	---
		5230	36.010	5211.9999	5248.0099	---	---
11AC80SISO	Ant0	5210	74.703	5173.7345	5248.4375	---	---
11AX20SISO	Ant0	5180	18.898	5170.5214	5189.4194	---	---
		5200	18.894	5190.5314	5209.4254	---	---
		5240	18.866	5230.5389	5249.4049	---	---
11AX40SISO	Ant0	5190	37.841	5171.0530	5208.8940	---	---
		5230	37.875	5211.0702	5248.9452	---	---
11AX80SISO	Ant0	5210	77.702	5171.2006	5248.9026	---	---

Test Graphs

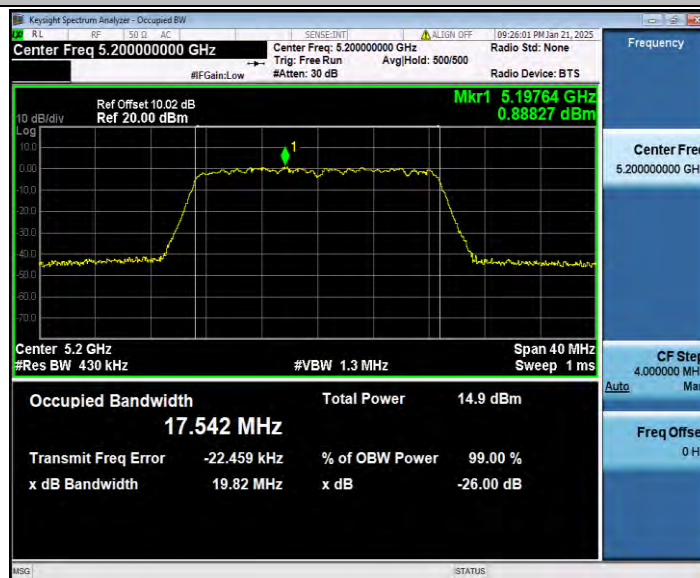




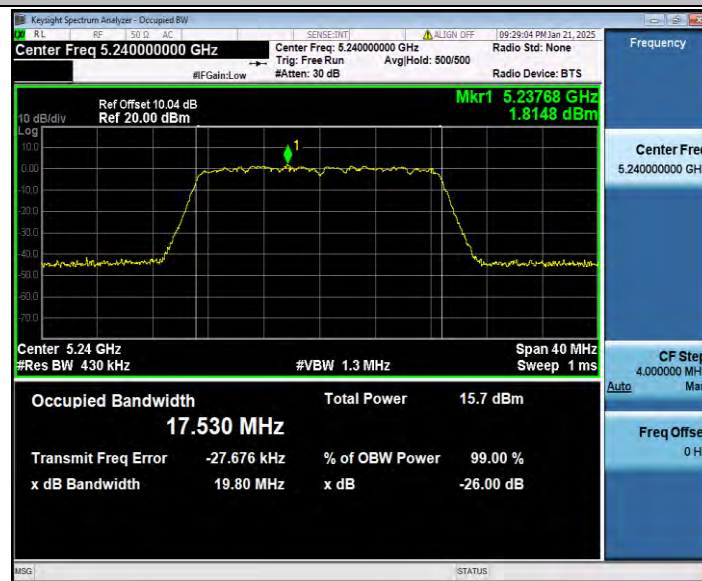
11N20SISO_Ant0_5180



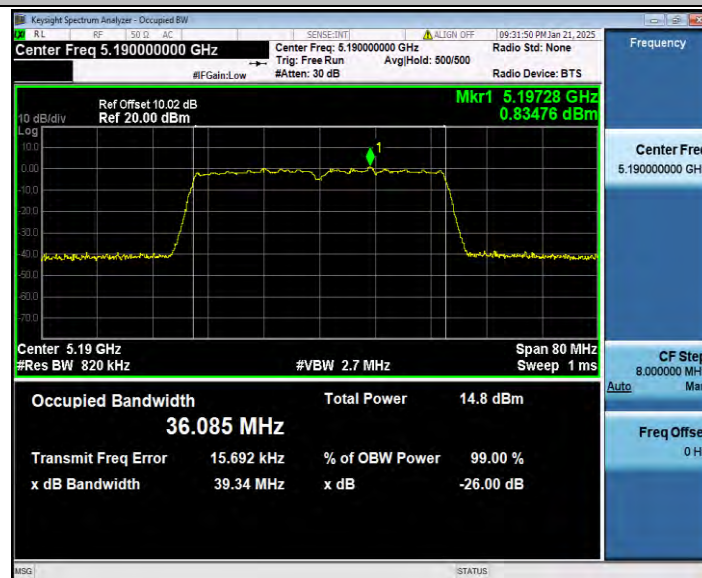
11N20SISO_Ant0_5200



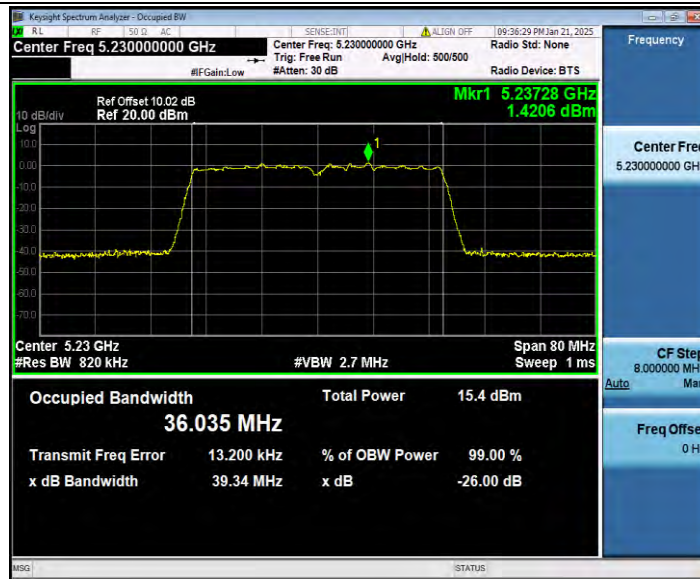
11N20SISO_Ant0_5240



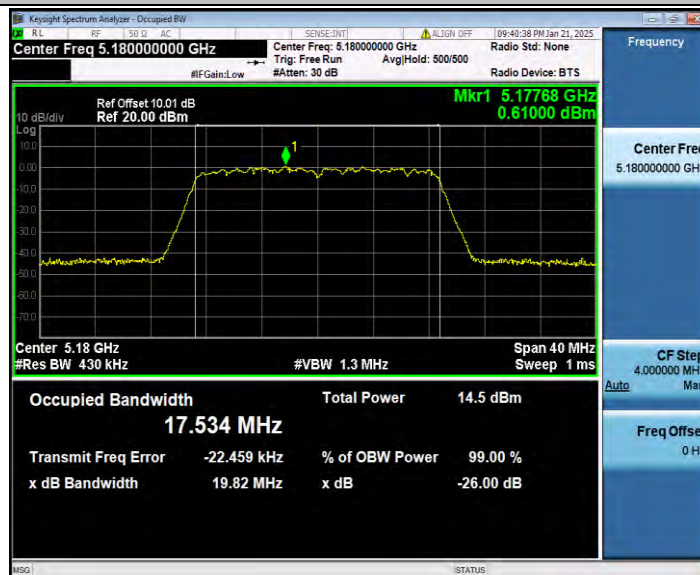
11N40SISO_Ant0_5190



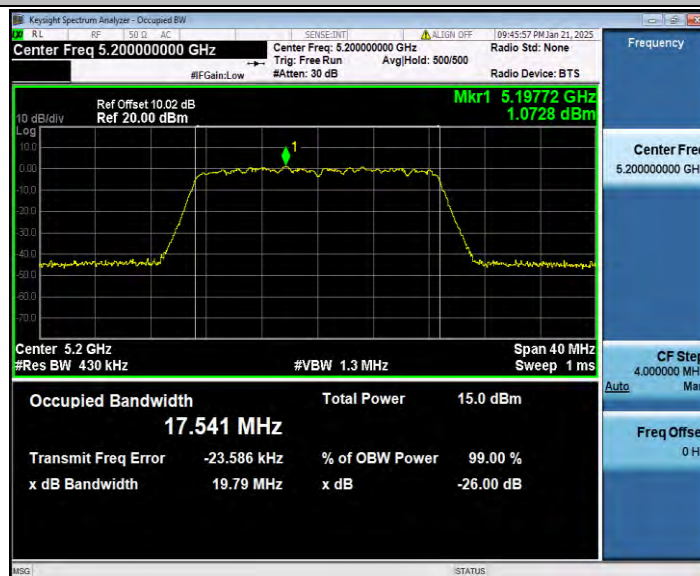
11N40SISO_Ant0_5230



11AC20SISO_Ant0_5180



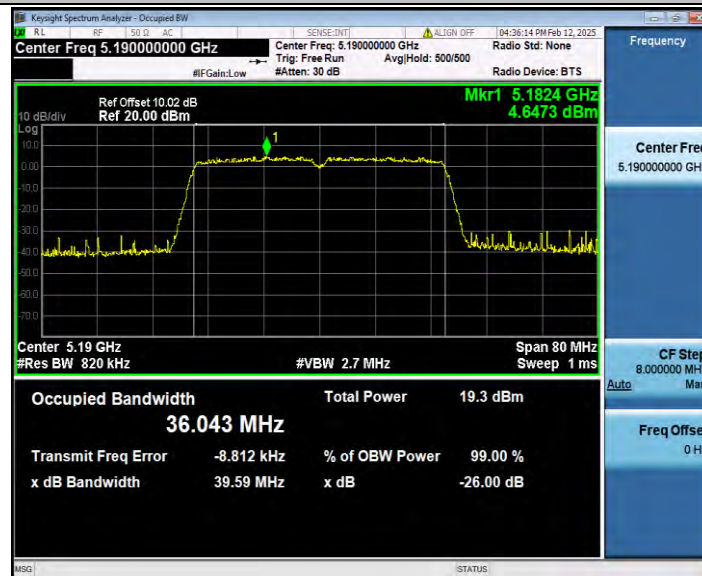
11AC20SISO_Ant0_5200



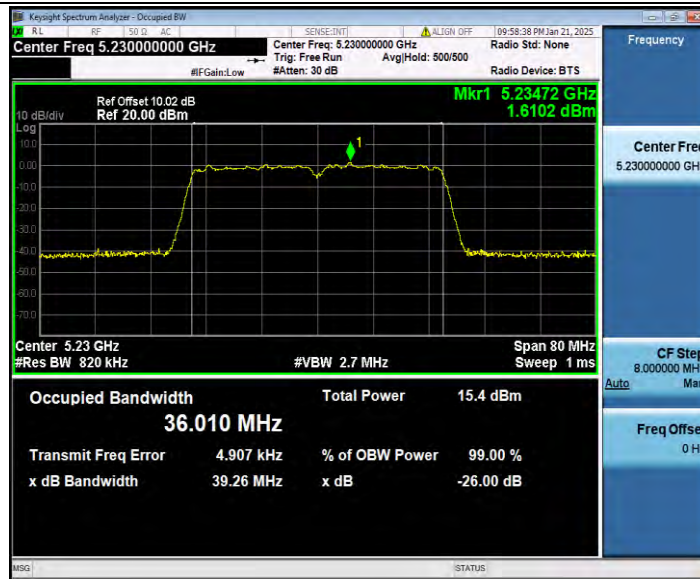
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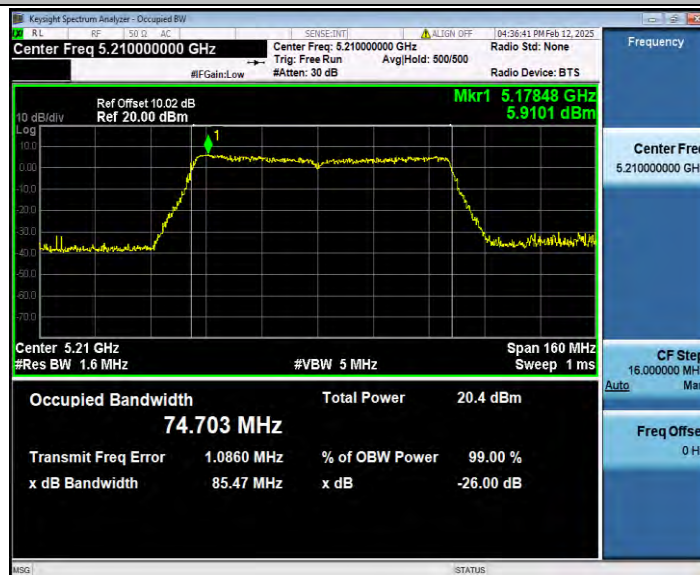
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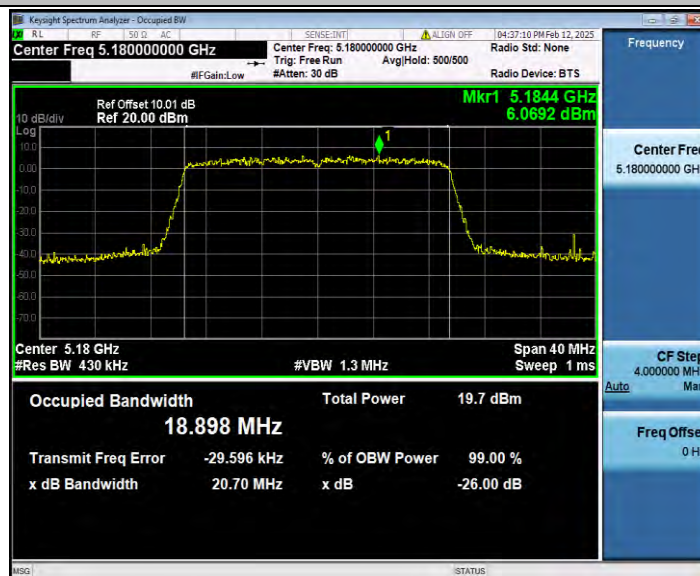
11AC40SISO_Ant0_5230



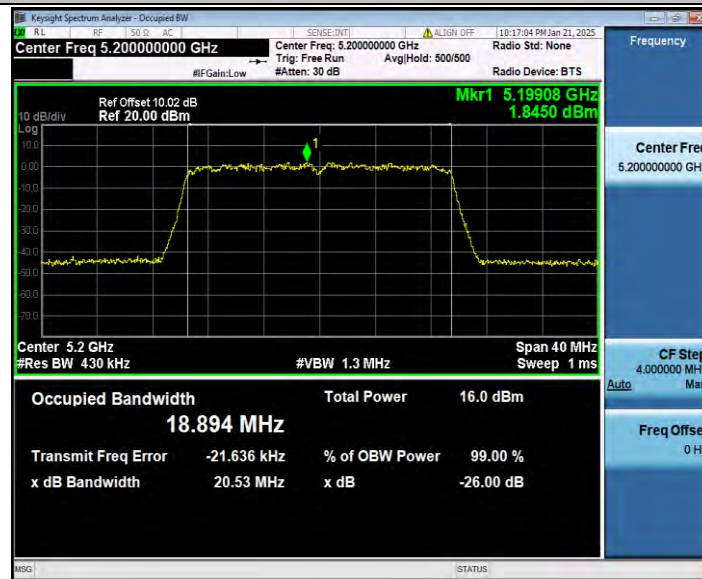
11AC80SISO_Ant0_5210



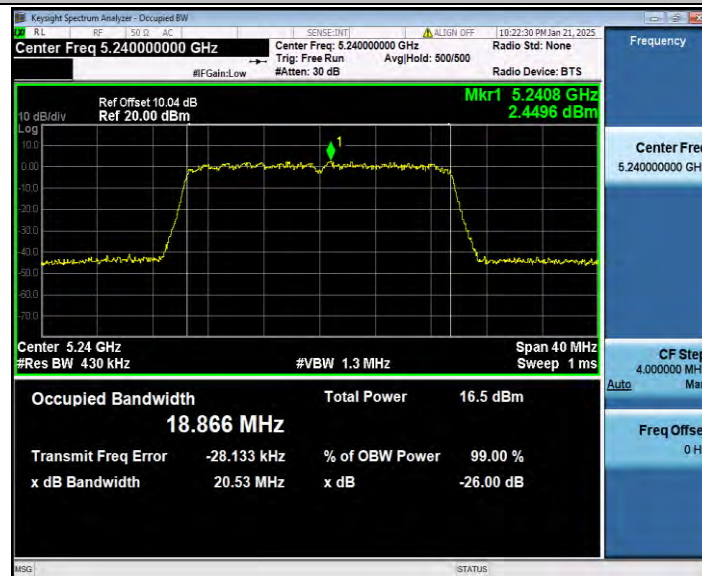
11AX20SISO_Ant0_5180



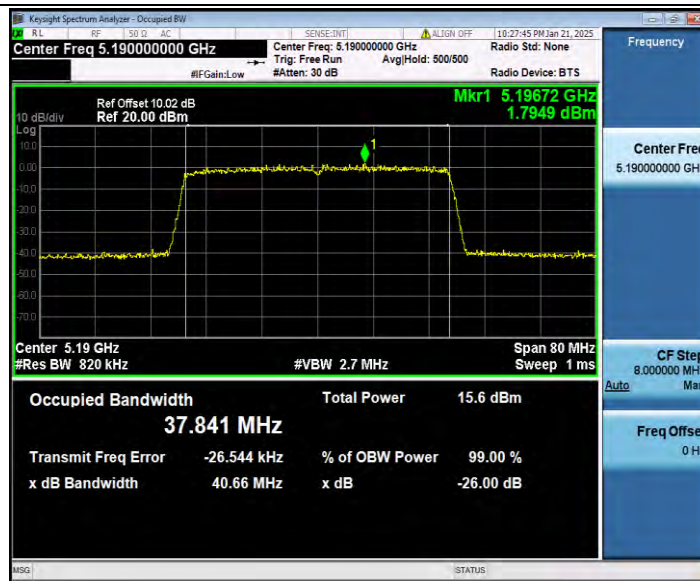
11AX20SISO_Ant0_5200



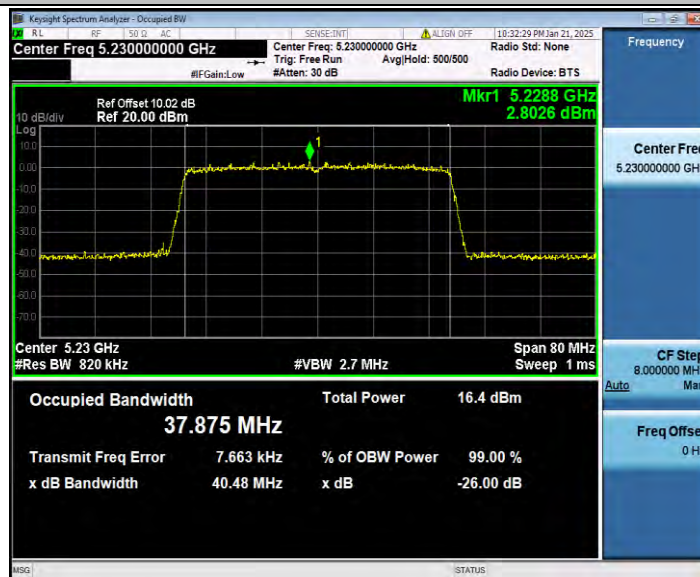
11AX20SISO_Ant0_5240



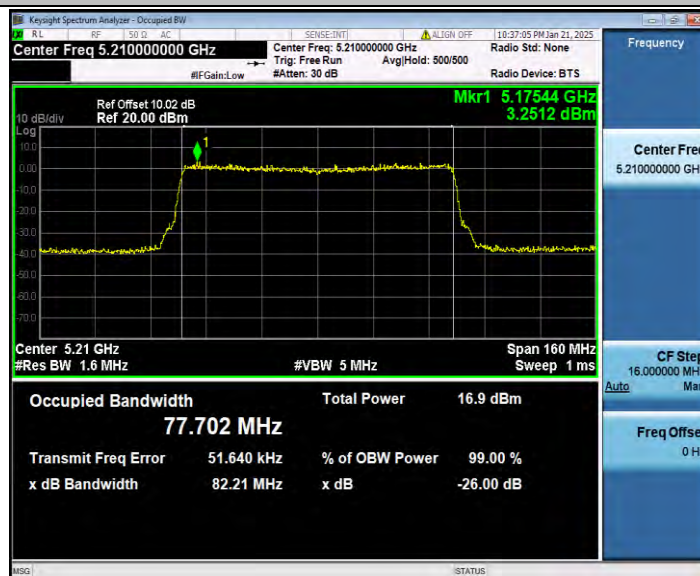
11AX40SISO_Ant0_5190



11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210



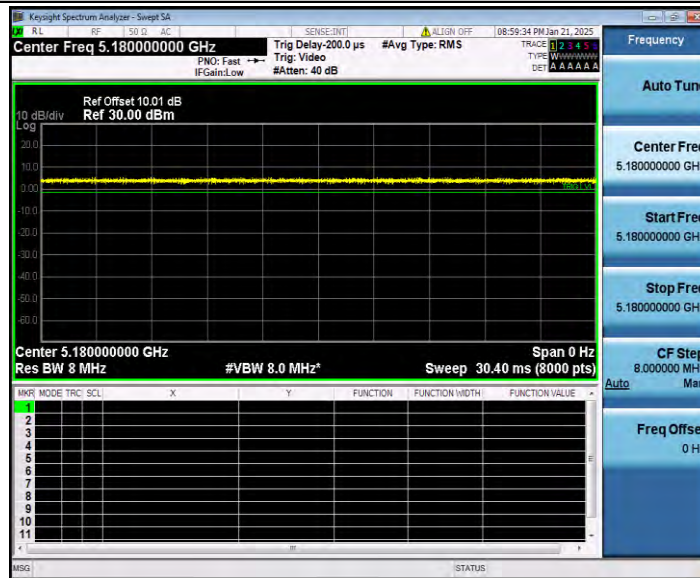
Appendix D.3: Duty Cycle

Test Result

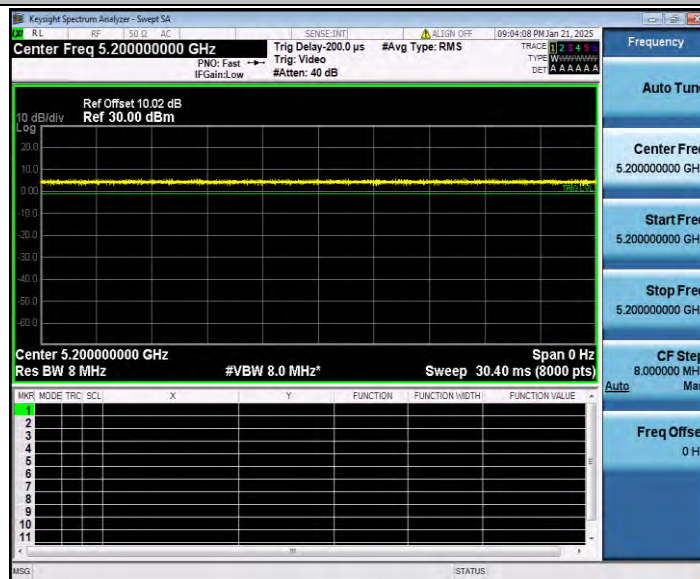
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant0	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant0	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant0	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	Ant0	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant0	5210	30.00	30.00	100.00	0.00	0.03
11AX20SISO	Ant0	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	Ant0	5190	30.00	30.00	100.00	0.00	0.03
		5230	30.00	30.00	100.00	0.00	0.03
11AX80SISO	Ant0	5210	30.00	30.00	100.00	0.00	0.03

Test Graphs

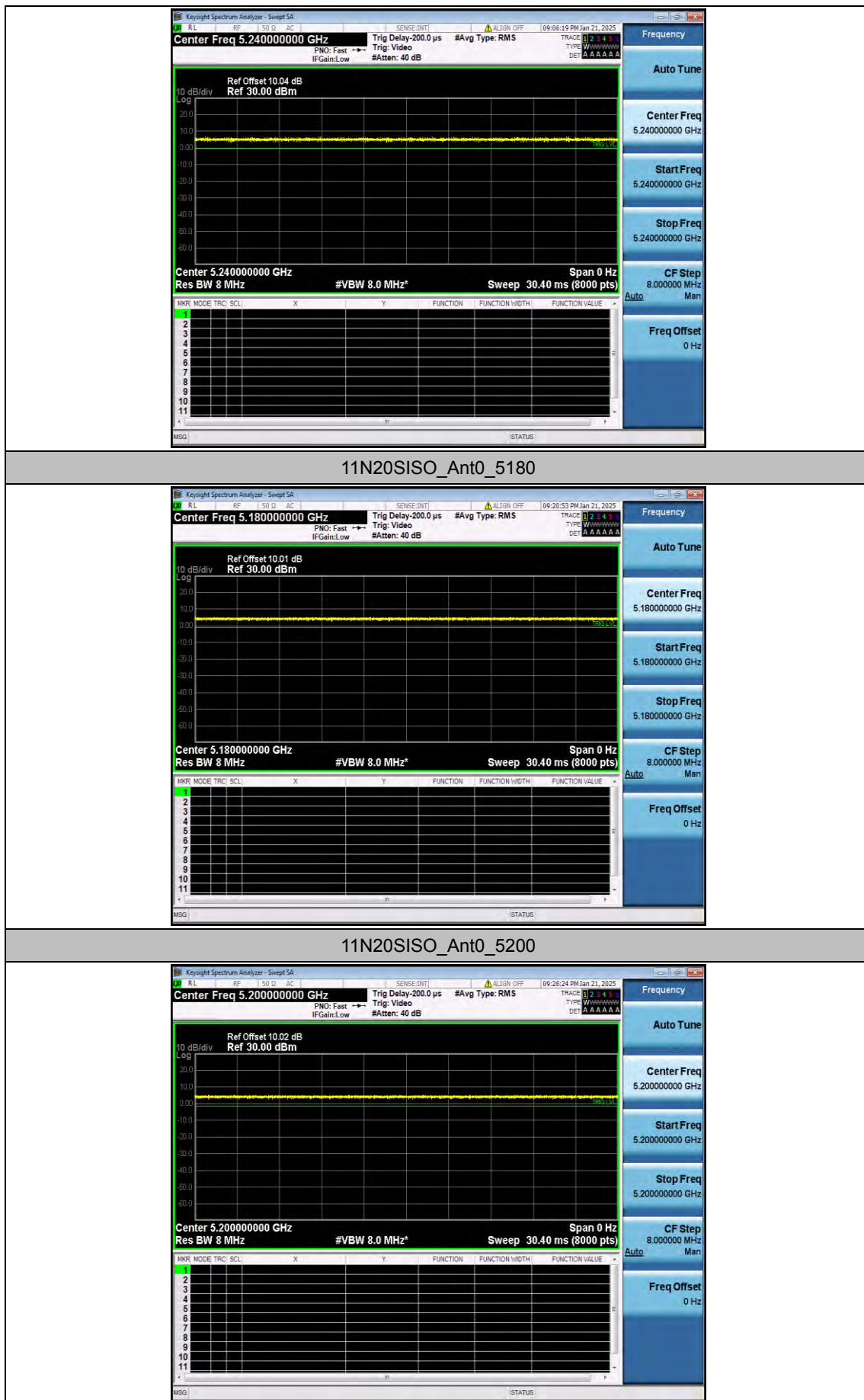
11A_Ant0_5180



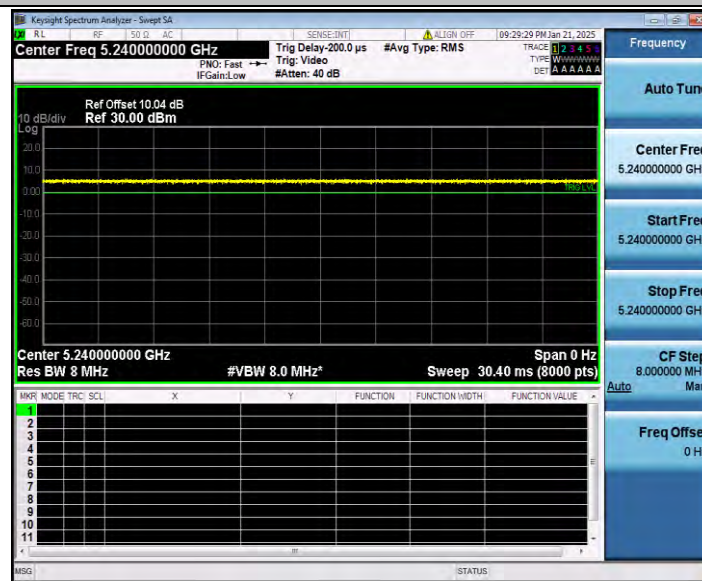
11A_Ant0_5200



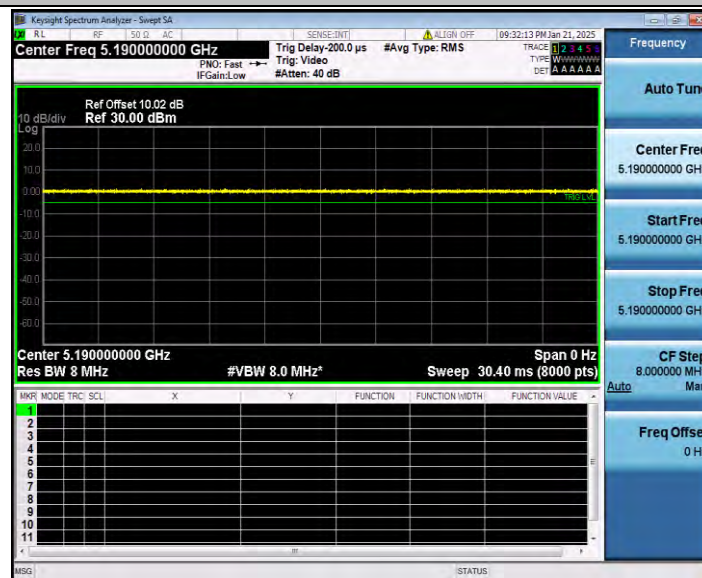
11A_Ant0_5240



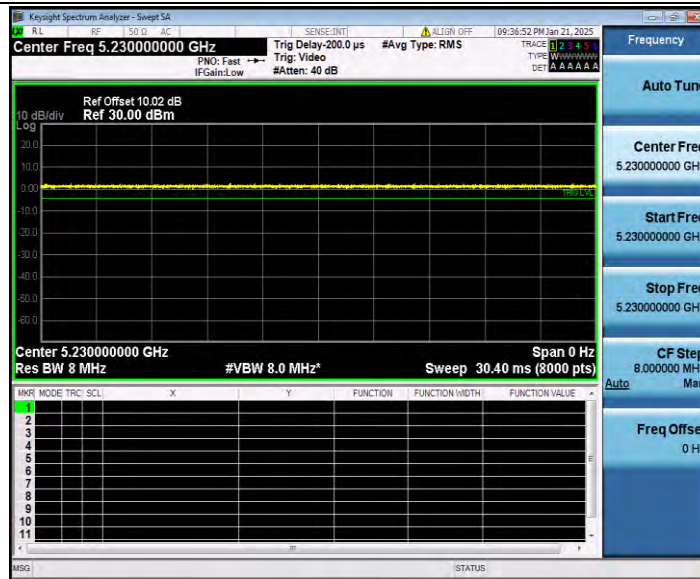
11N20SISO_Ant0_5240



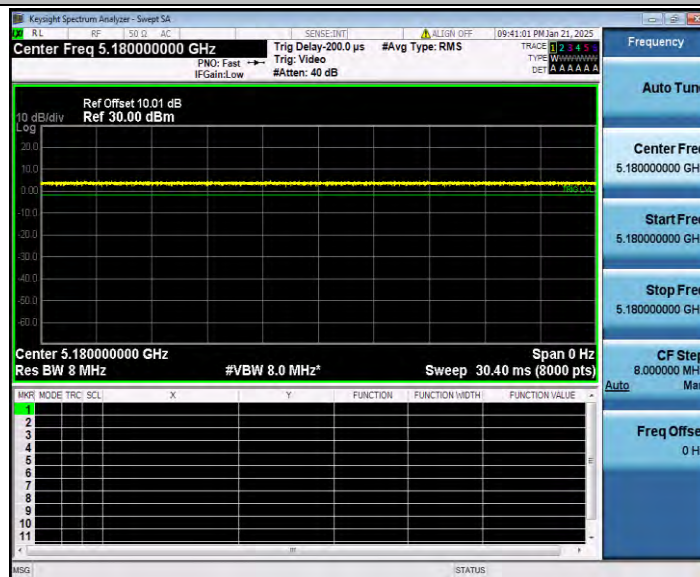
11N40SISO_Ant0_5190



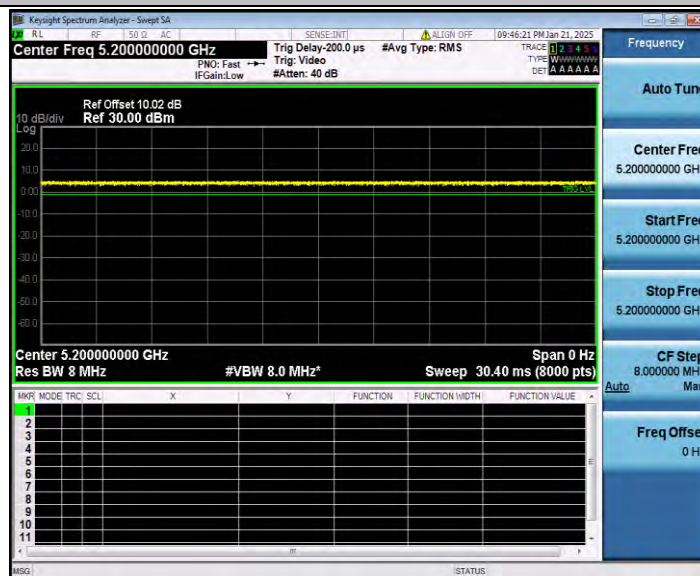
11N40SISO_Ant0_5230



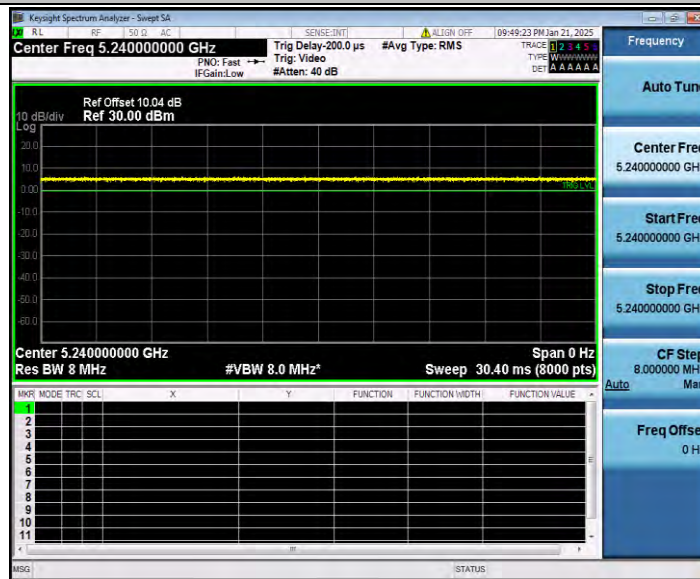
11AC20SISO_Ant0_5180



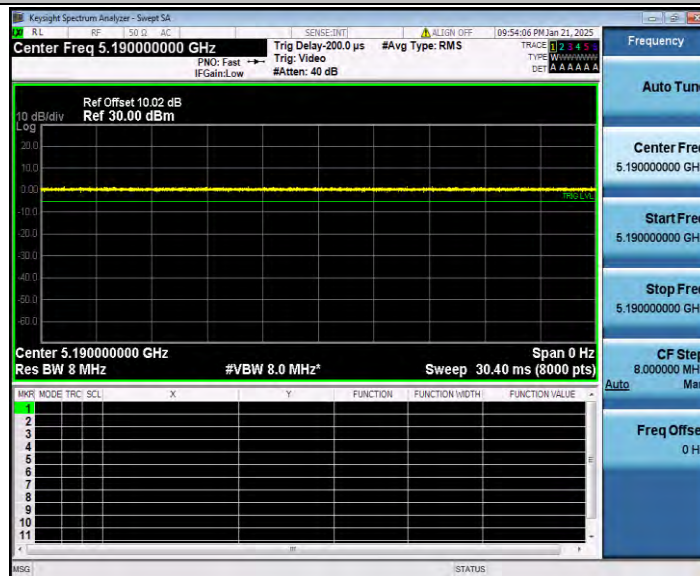
11AC20SISO_Ant0_5200



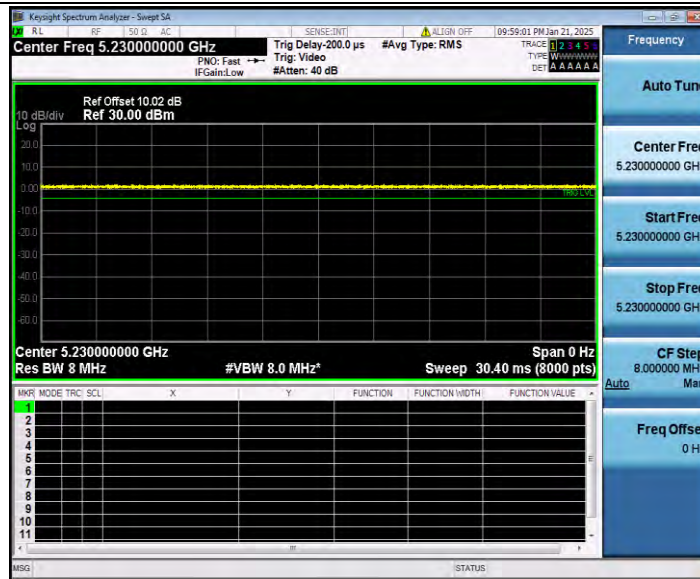
11AC20SISO_Ant0_5240



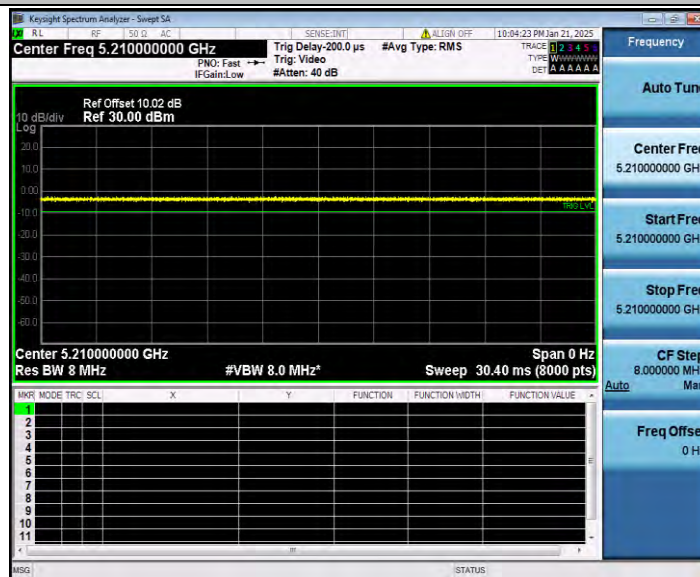
11AC40SISO_Ant0_5190



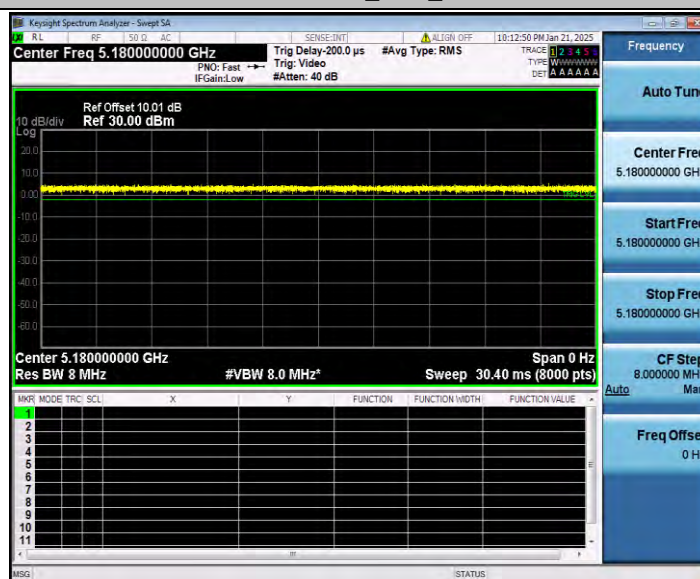
11AC40SISO_Ant0_5230



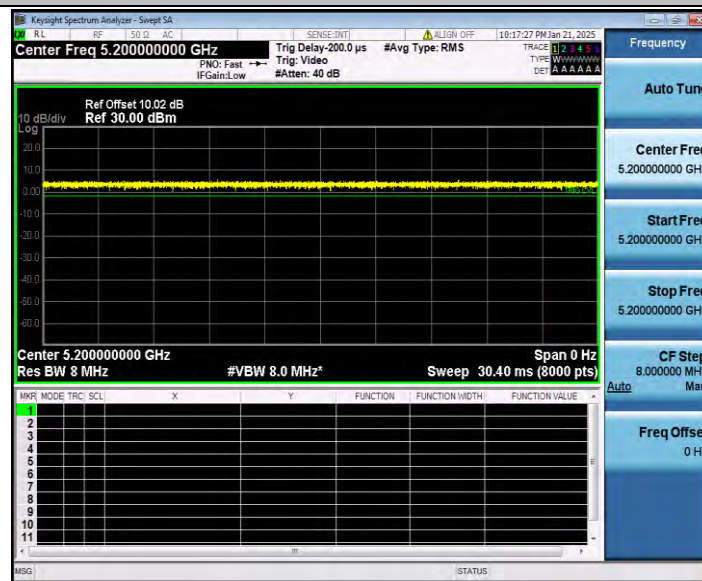
11AC80SISO_Ant0_5210



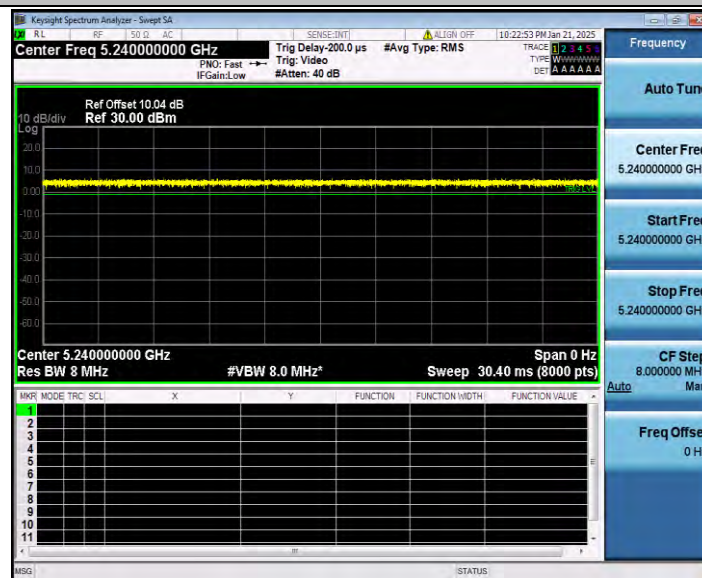
11AX20SISO_Ant0_5180



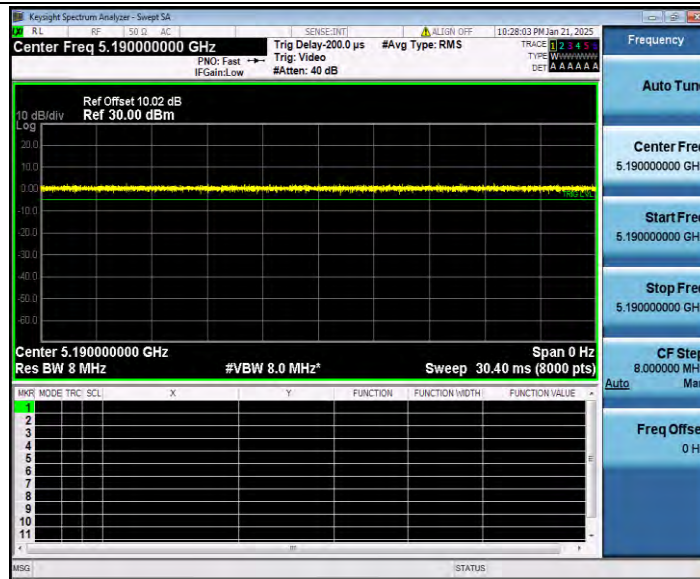
11AX20SISO_Ant0_5200



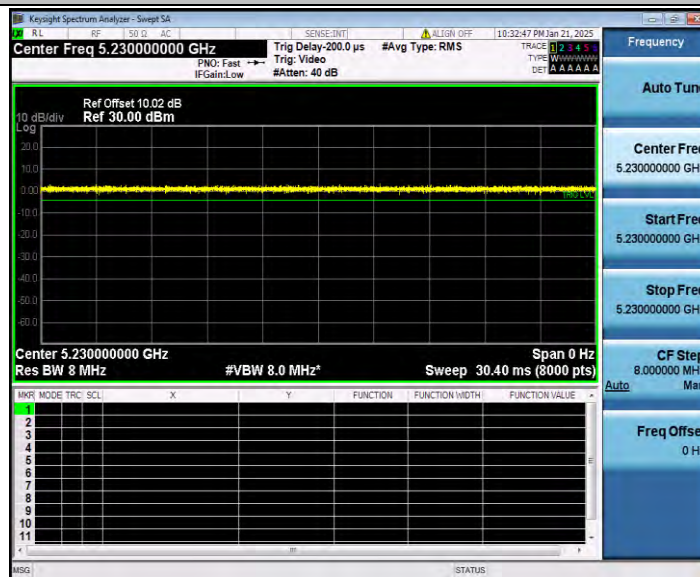
11AX20SISO_Ant0_5240



11AX40SISO_Ant0_5190



11AX40ISO_Ant0_5230



11AX80ISO_Ant0_5210

