

Case No. : <u>GTS20241217020-2-12</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.2.13</u>	Test Engineer: <u>Evan ouyang</u>

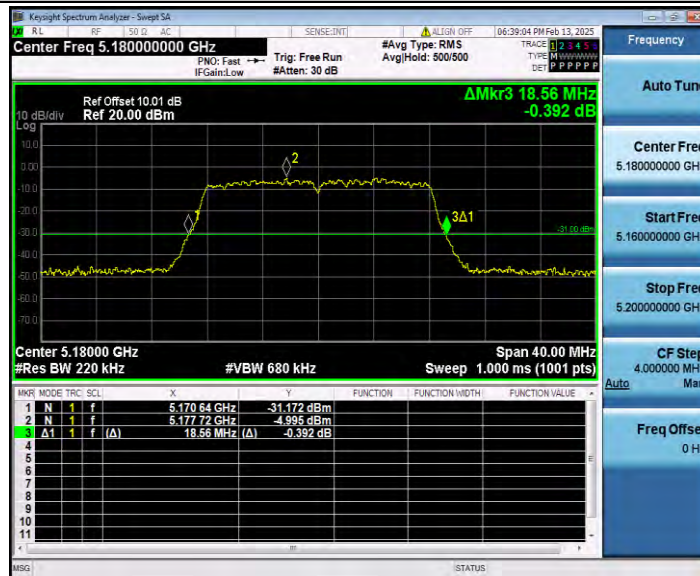
Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.560	5170.640	5189.200	---	---
		5200	18.520	5190.600	5209.120	---	---
		5240	18.840	5230.560	5249.400	---	---
11N20SISO	Ant1	5180	19.600	5170.240	5189.840	---	---
		5200	19.560	5190.200	5209.760	---	---
		5240	19.600	5230.200	5249.800	---	---
11N40SISO	Ant1	5190	38.720	5170.640	5209.360	---	---
		5230	38.880	5210.560	5249.440	---	---
11AC20SISO	Ant1	5180	19.520	5170.320	5189.840	---	---
		5200	19.560	5190.240	5209.800	---	---
		5240	19.600	5230.200	5249.800	---	---
11AC40SISO	Ant1	5190	38.640	5170.720	5209.360	---	---
		5230	38.800	5210.640	5249.440	---	---
11AC80SISO	Ant1	5210	74.560	5178.160	5252.720	---	---
11AX20SISO	Ant1	5180	20.320	5169.880	5190.200	---	---
		5200	20.240	5189.920	5210.160	---	---
		5240	20.160	5229.960	5250.120	---	---
11AX40SISO	Ant1	5190	39.840	5170.080	5209.920	---	---
		5230	39.920	5210.080	5250.000	---	---
11AX80SISO	Ant1	5210	81.120	5169.520	5250.640	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5200



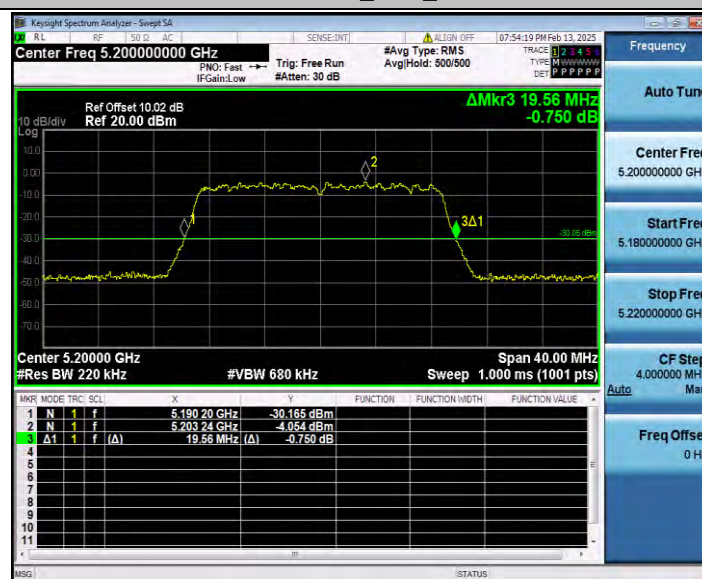
11A_Ant1_5240



11N20SISO_Ant1_5180



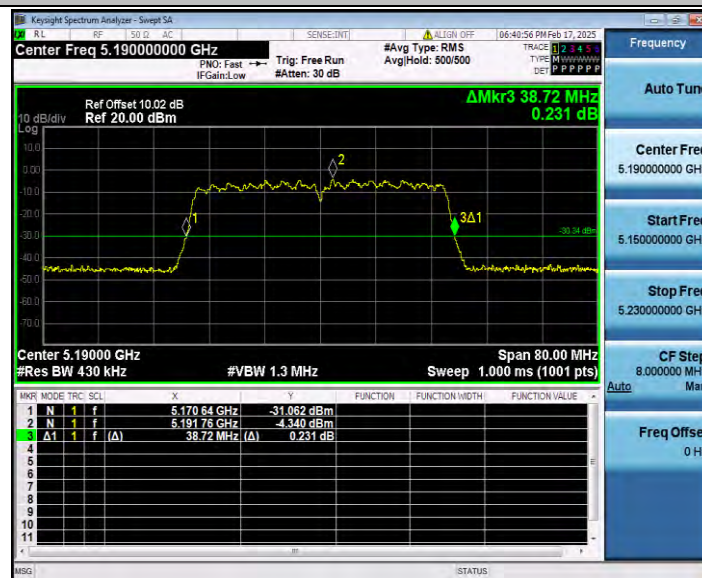
11N20SISO_Ant1_5200



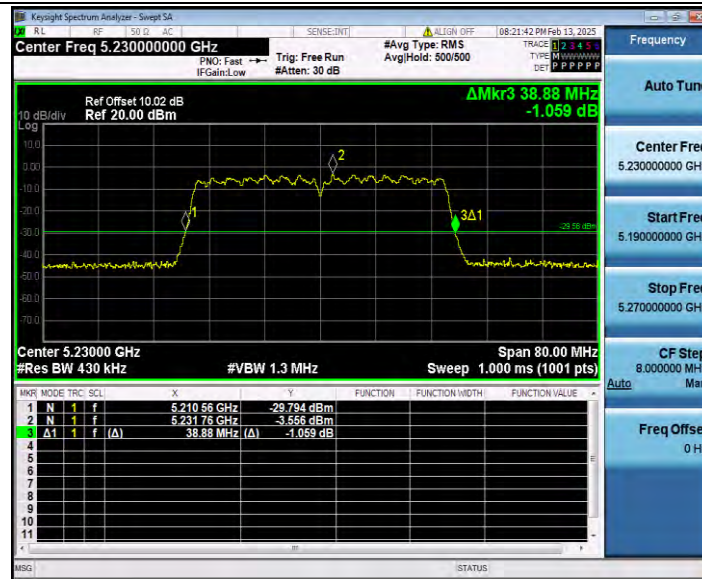
11N20SISO_Ant1_5240



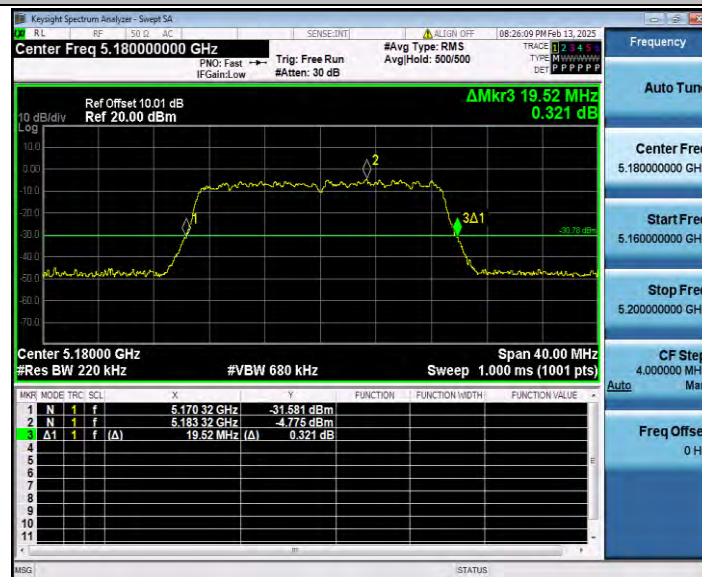
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



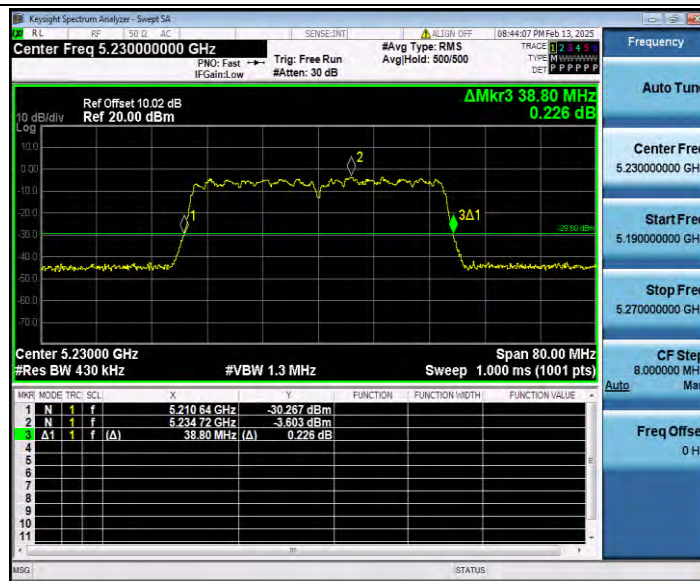
11AC20SISO_Ant1_5240



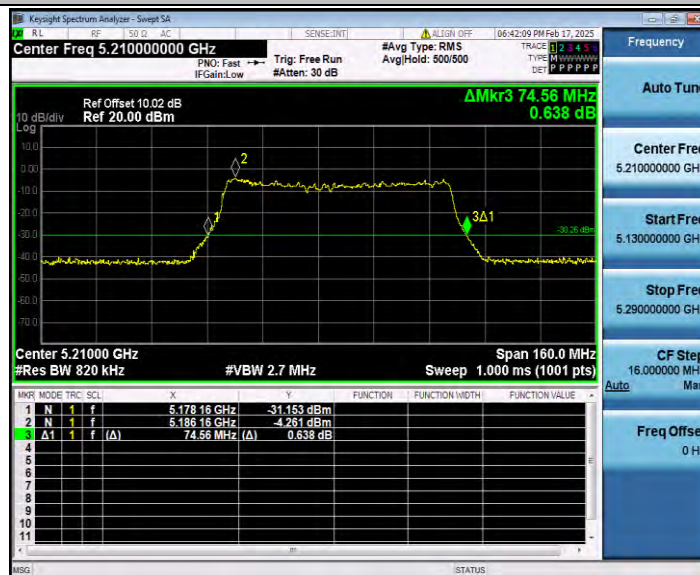
11AC40SISO_Ant1_5190



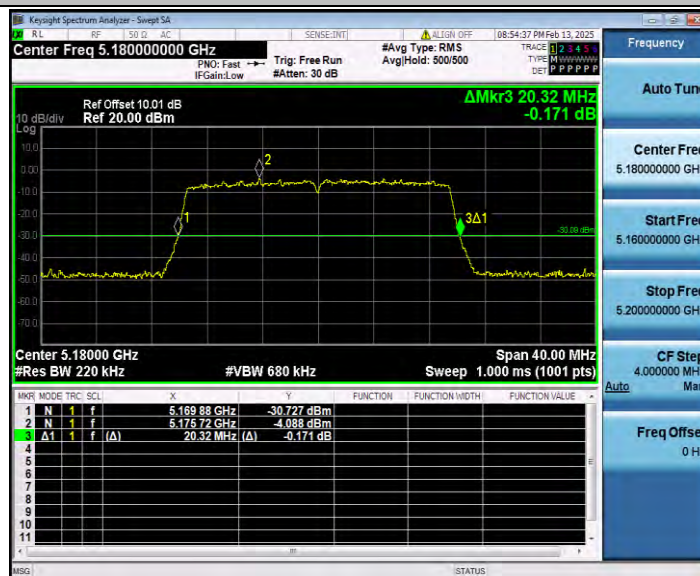
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



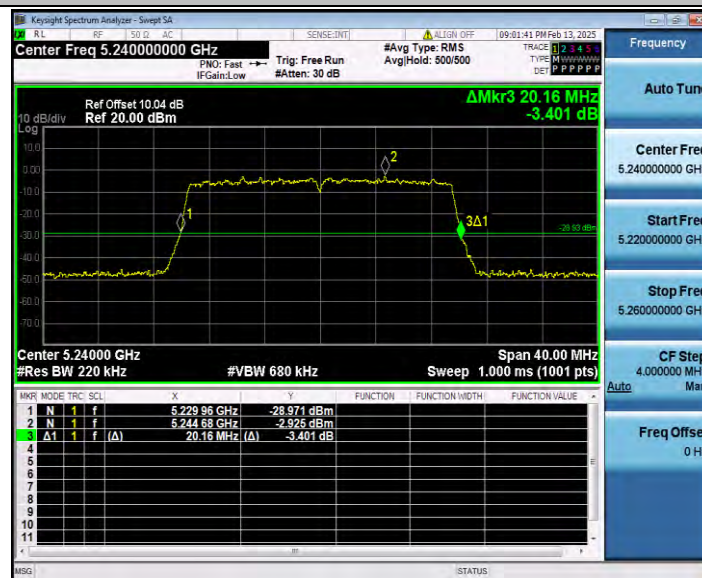
11AX20SISO_Ant1_5180



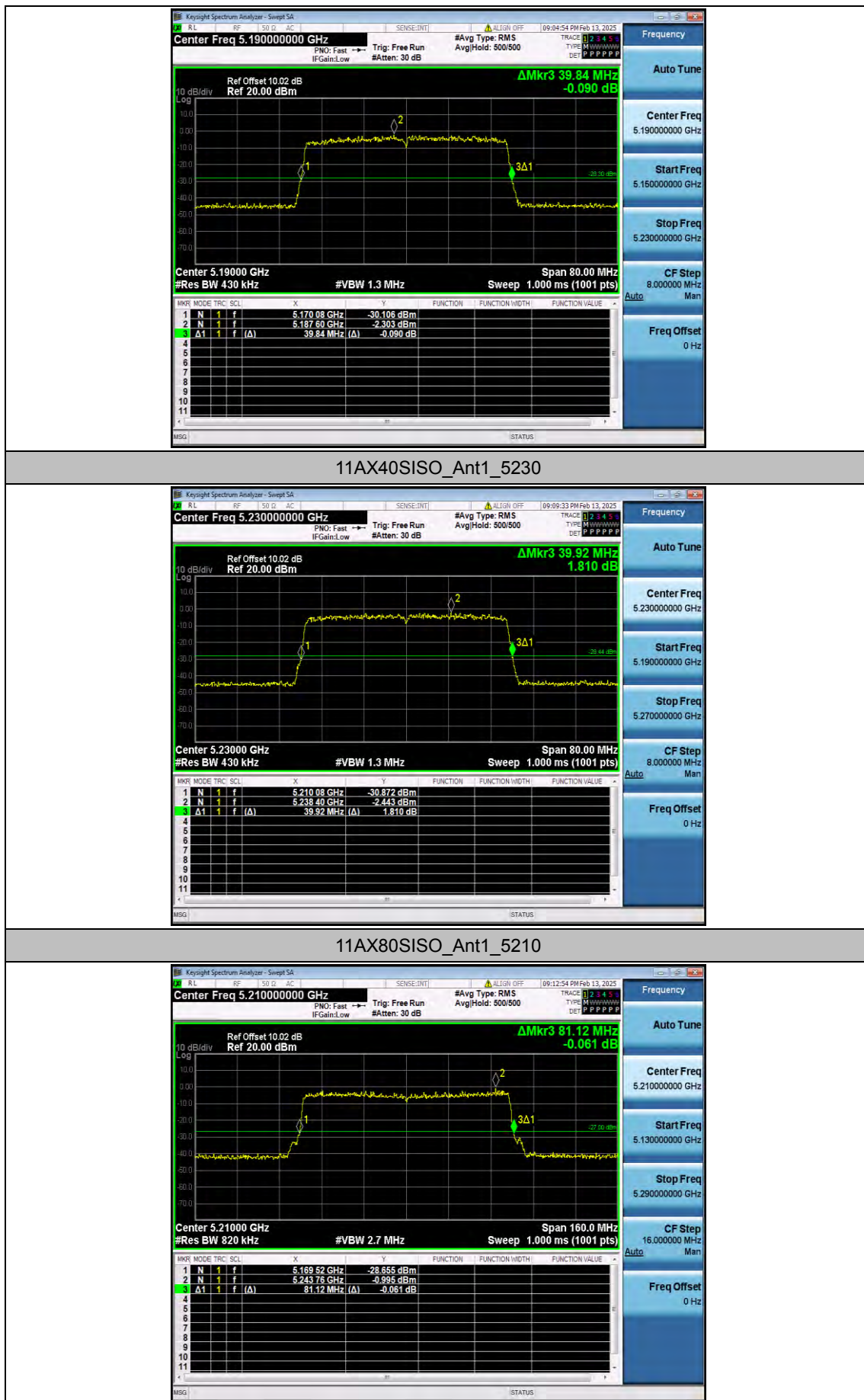
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



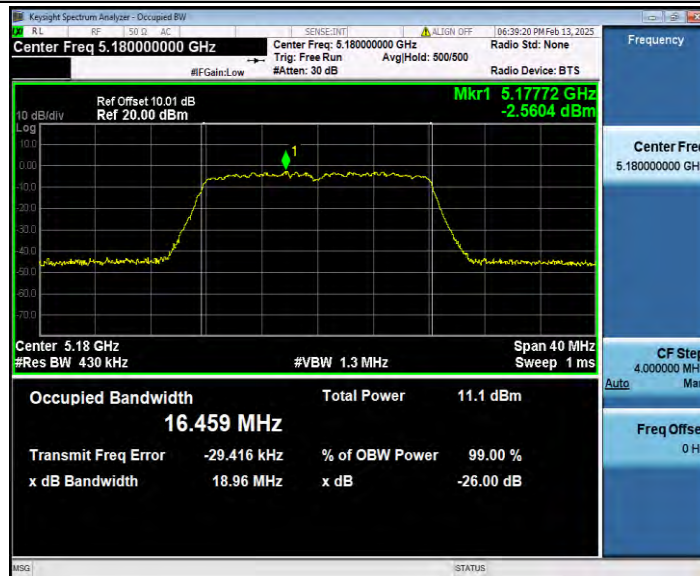
Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.459	5171.7411	5188.2001	---	---
		5200	16.475	5191.7009	5208.1759	---	---
		5240	16.475	5231.7142	5248.1892	---	---
11N20SISO	Ant1	5180	17.534	5171.2278	5188.7618	---	---
		5200	17.523	5191.1956	5208.7186	---	---
		5240	17.536	5231.2301	5248.7661	---	---
11N40SISO	Ant1	5190	36.012	5172.0446	5208.0566	---	---
		5230	36.089	5211.9774	5248.0664	---	---
11AC20SISO	Ant1	5180	17.535	5171.2497	5188.7847	---	---
		5200	17.532	5191.2138	5208.7458	---	---
		5240	17.549	5231.2213	5248.7703	---	---
11AC40SISO	Ant1	5190	35.954	5172.0720	5208.0260	---	---
		5230	36.054	5212.0026	5248.0566	---	---
11AC80SISO	Ant1	5210	66.343	5182.2324	5248.5754	---	---
11AX20SISO	Ant1	5180	18.890	5170.5703	5189.4603	---	---
		5200	18.898	5190.5309	5209.4289	---	---
		5240	18.903	5230.5467	5249.4497	---	---
11AX40SISO	Ant1	5190	37.742	5171.1796	5208.9216	---	---
		5230	37.924	5211.0242	5248.9482	---	---
11AX80SISO	Ant1	5210	77.514	5171.3550	5248.8690	---	---

Test Graphs

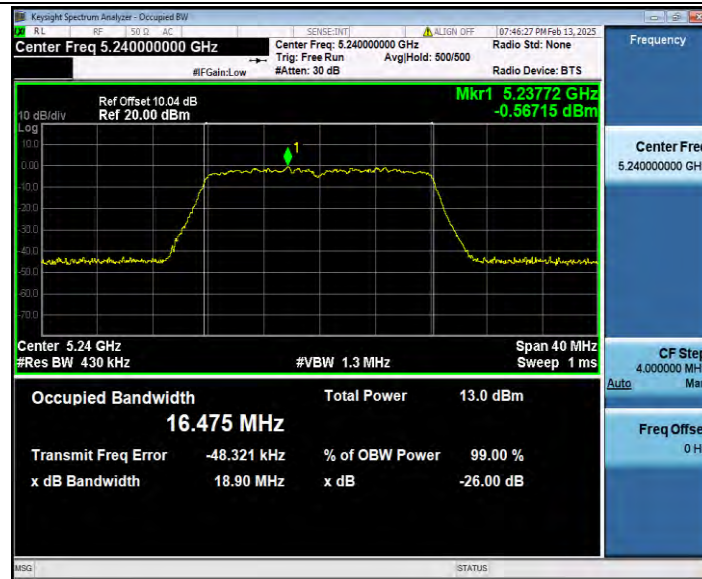
11A_Ant1_5180



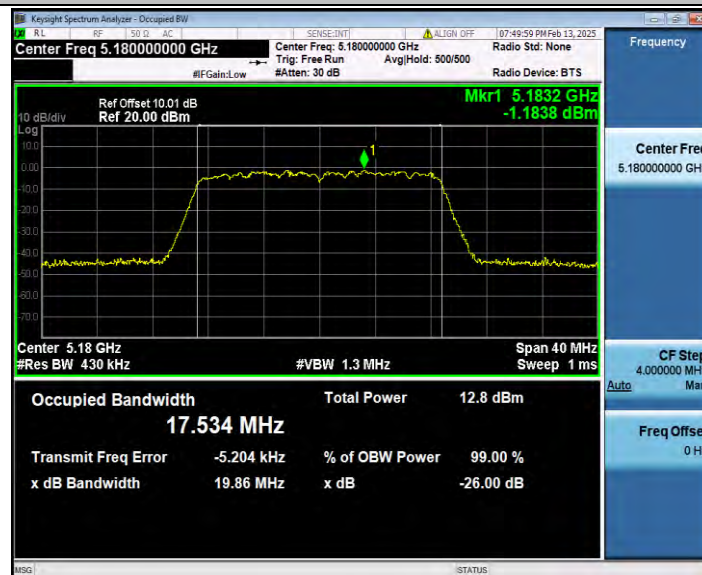
11A_Ant1_5200



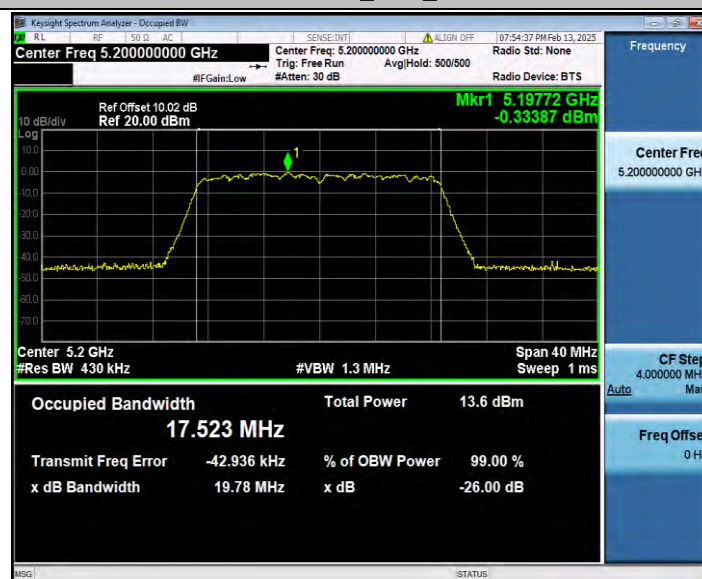
11A_Ant1_5240



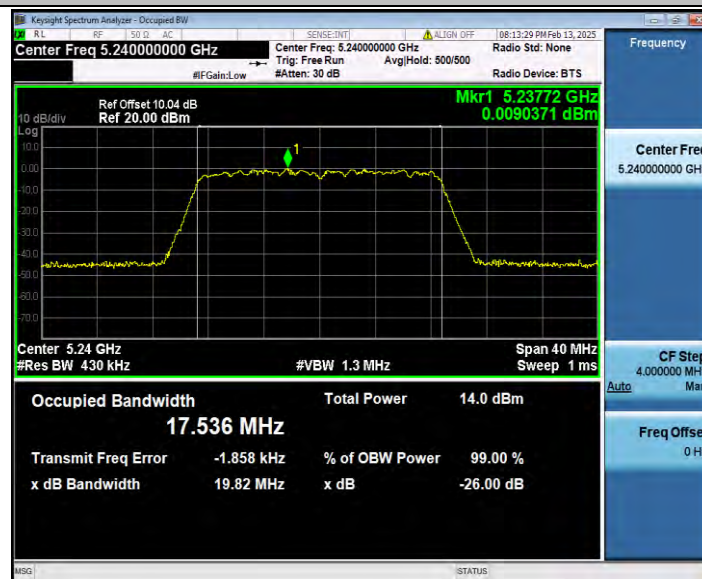
11N20SISO_Ant1_5180



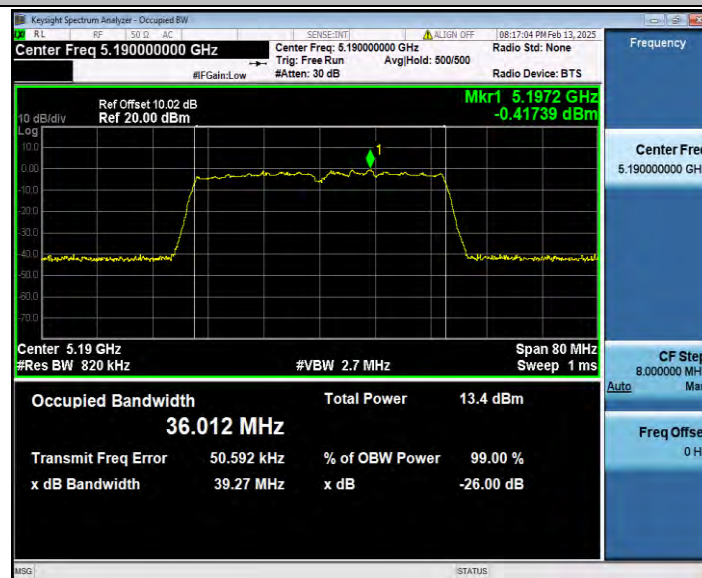
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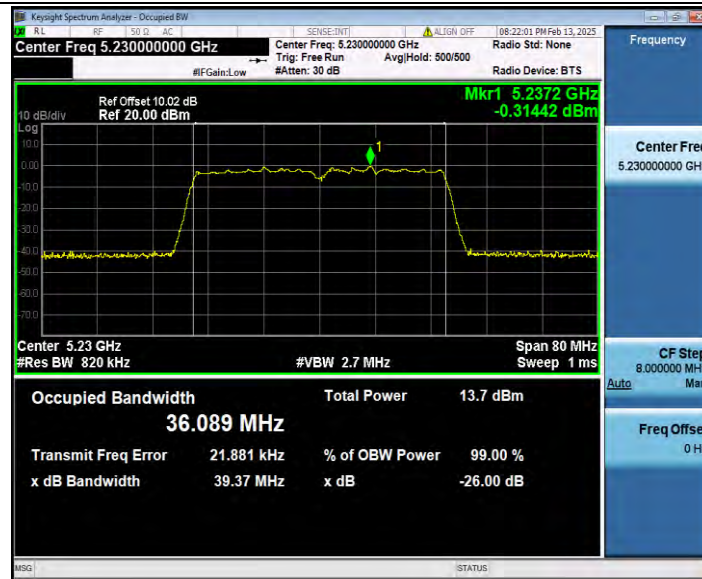
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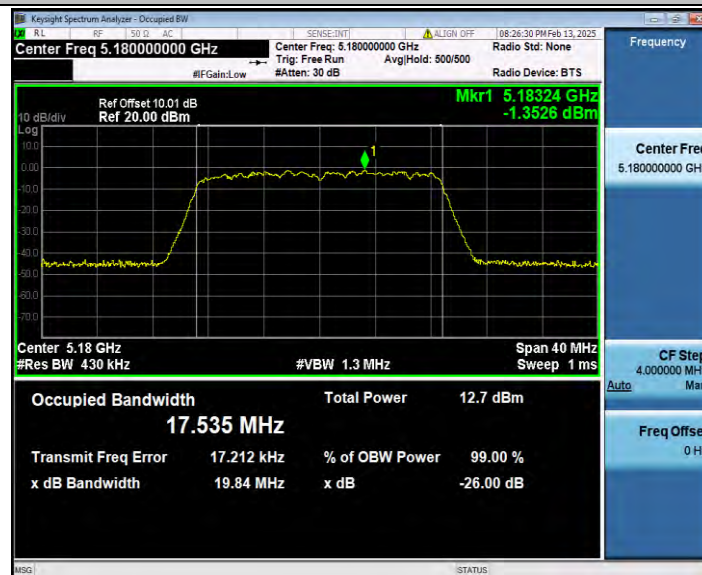
11N40SISO_Ant1_5190



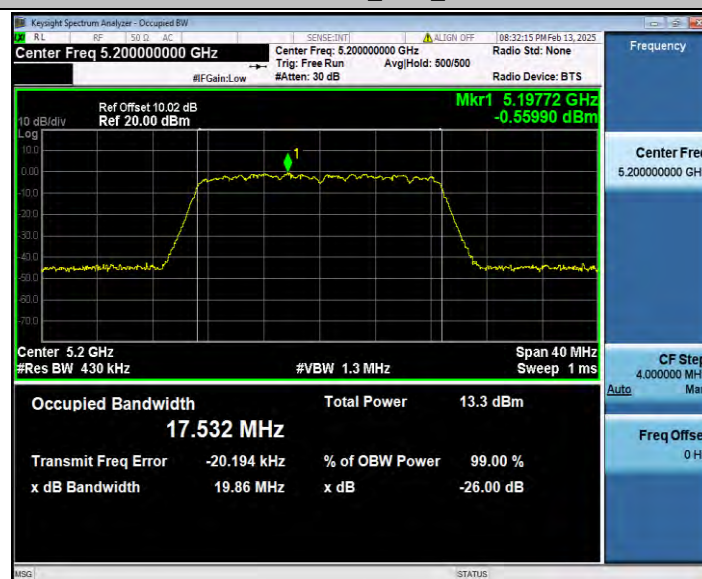
11N40SISO_Ant1_5230



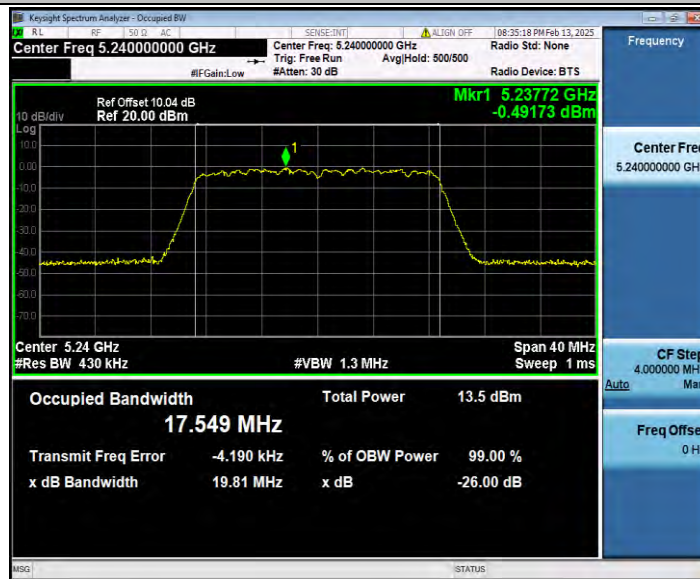
11AC20SISO_Ant1_5180



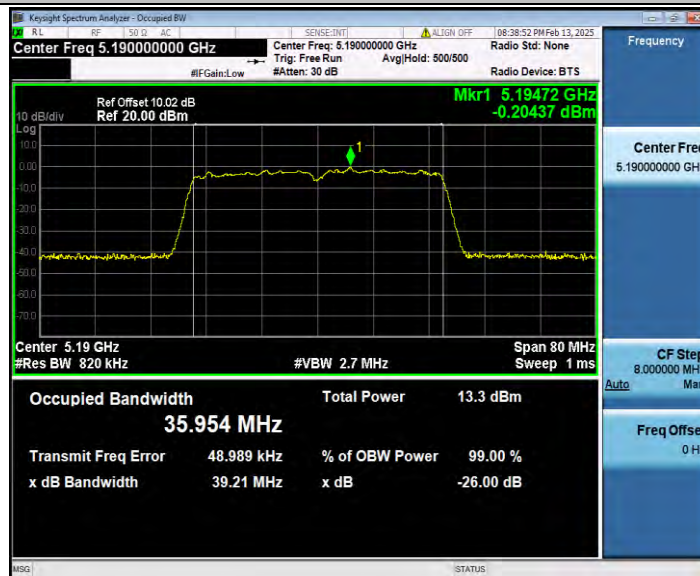
11AC20SISO_Ant1_5200



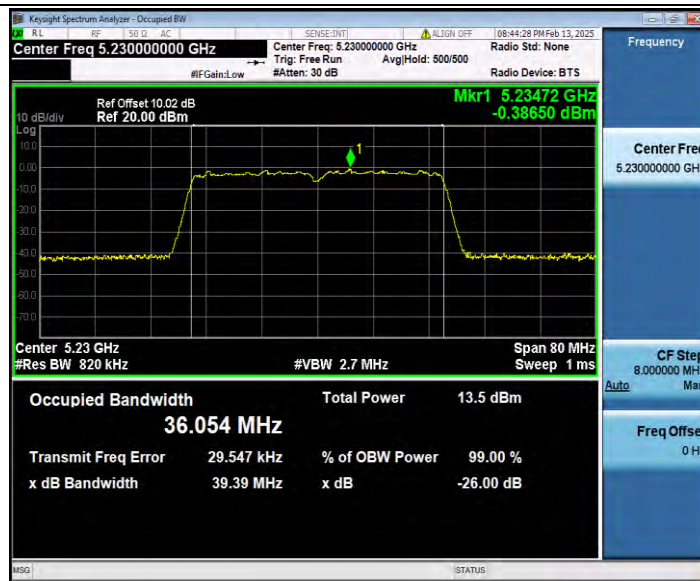
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



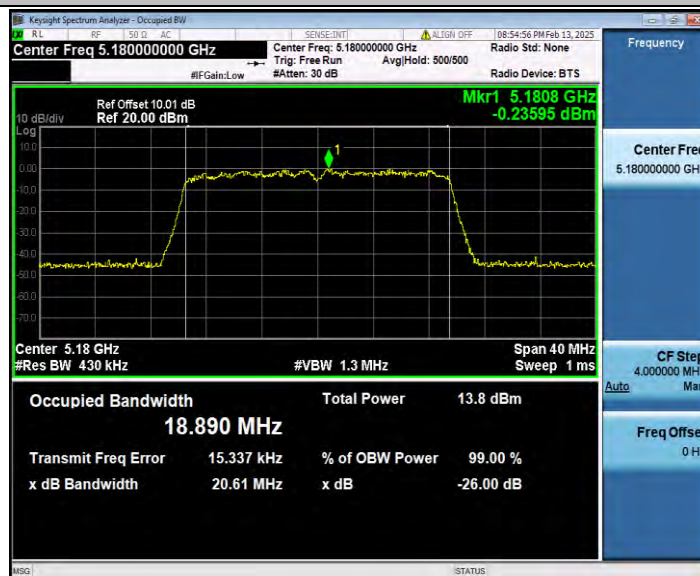
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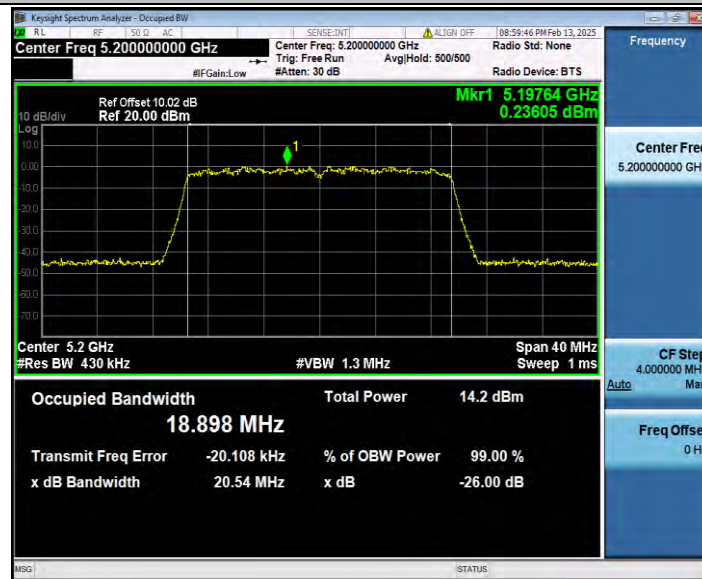
11AC80SISO_Ant1_5210



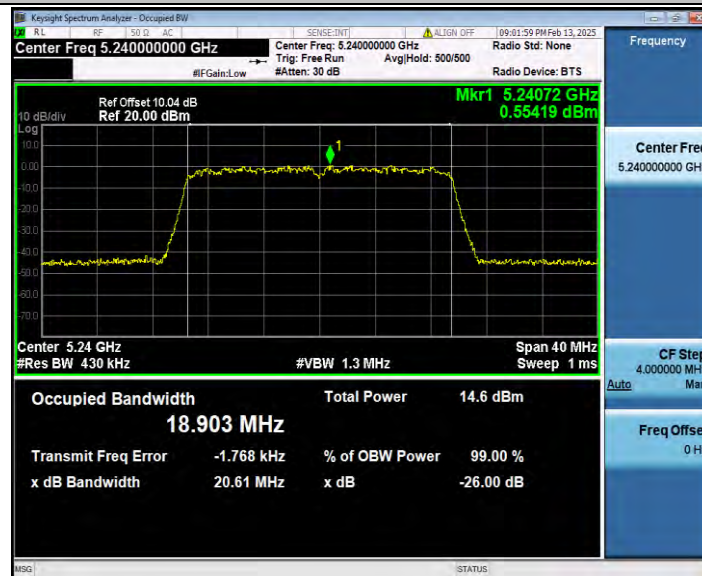
11AX20SISO_Ant1_5180



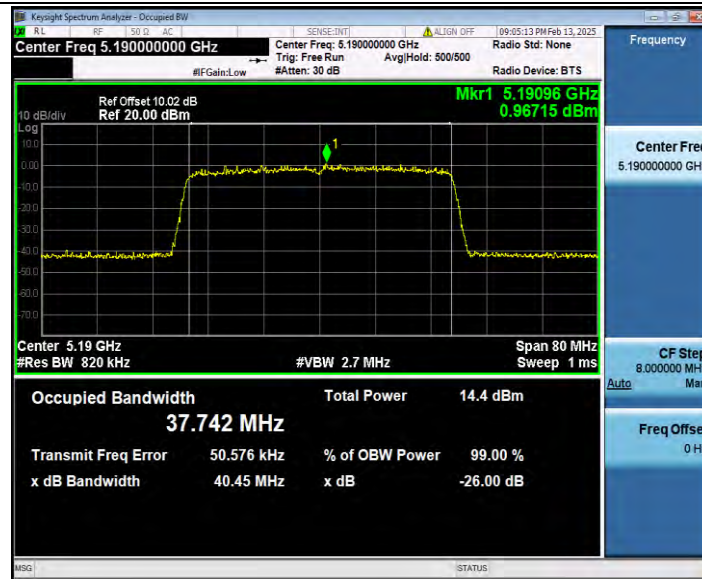
11AX20SISO_Ant1_5200



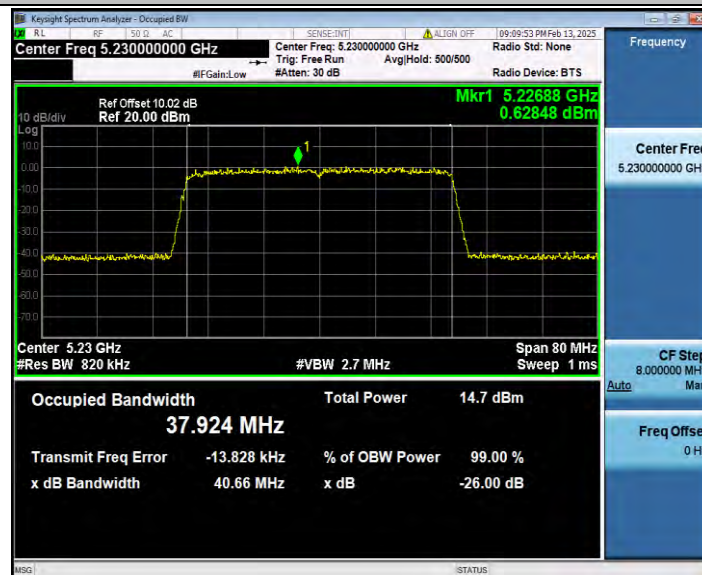
11AX20SISO_Ant1_5240



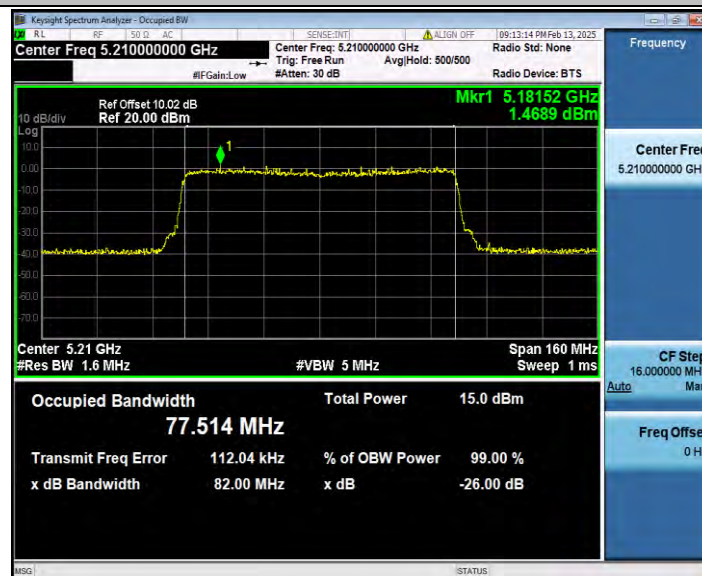
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210



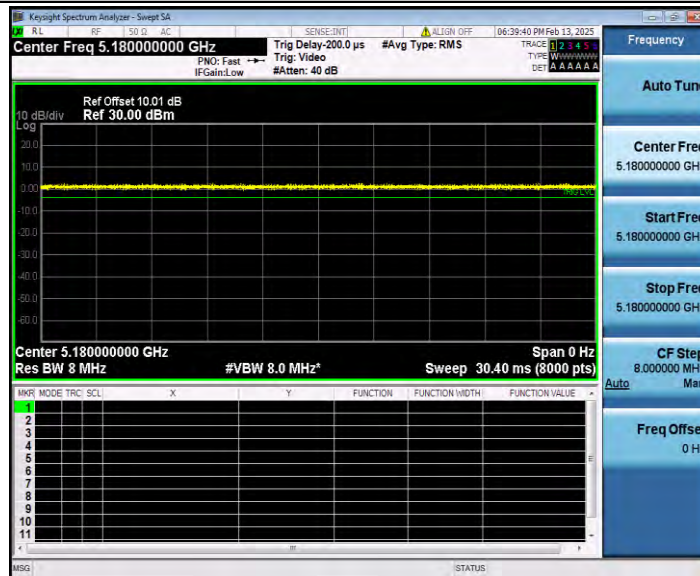
Appendix D.3: Duty Cycle

Test Result

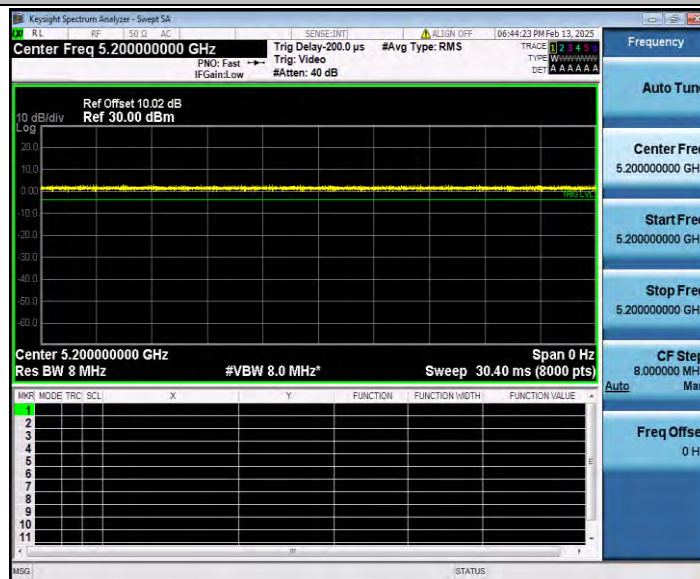
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200	30.00	30.00	100.00	0.00	0.03
		5240	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5180	30.00	30.00	100.00	0.00	0.03
		5200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

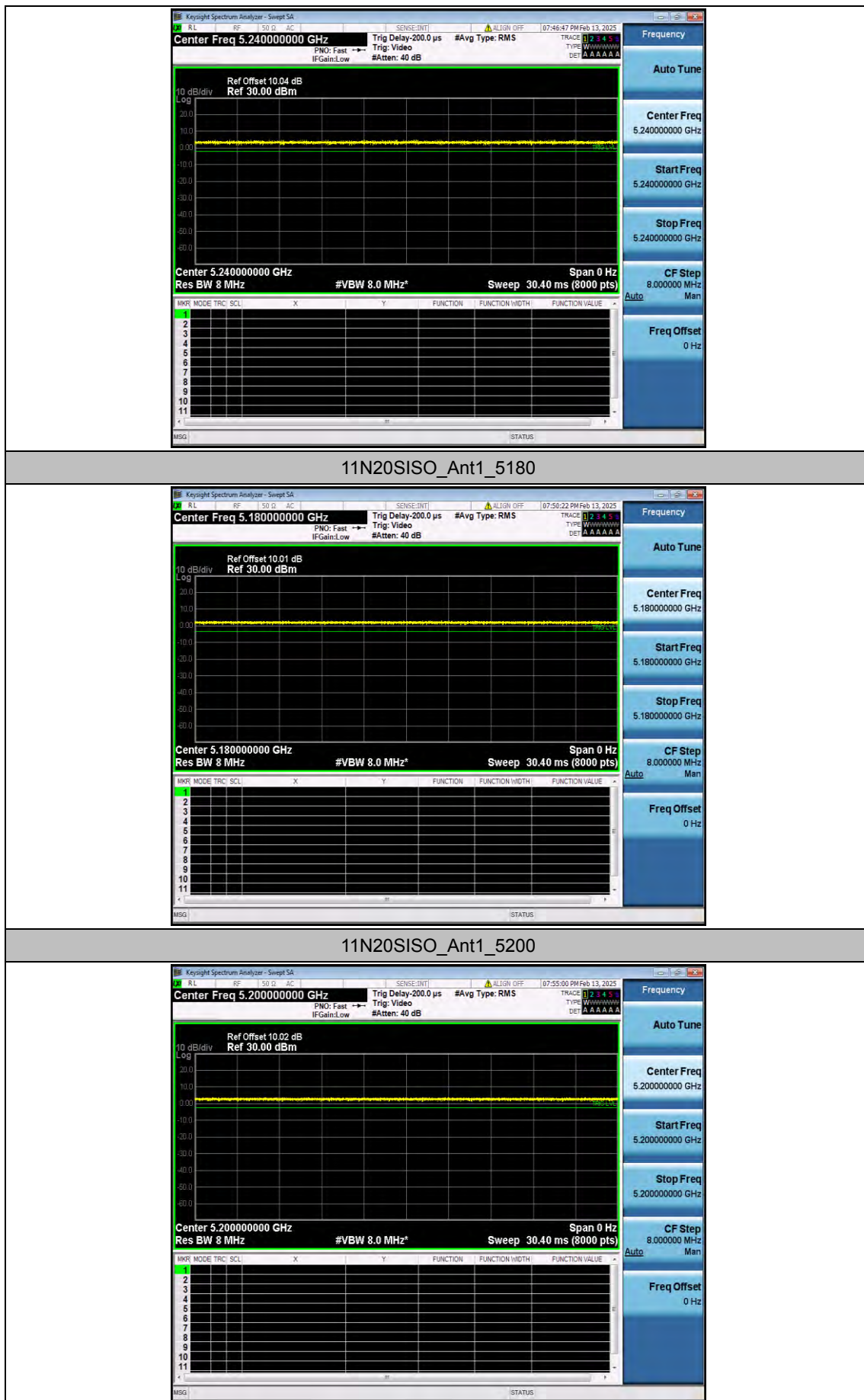
11A_Ant1_5180



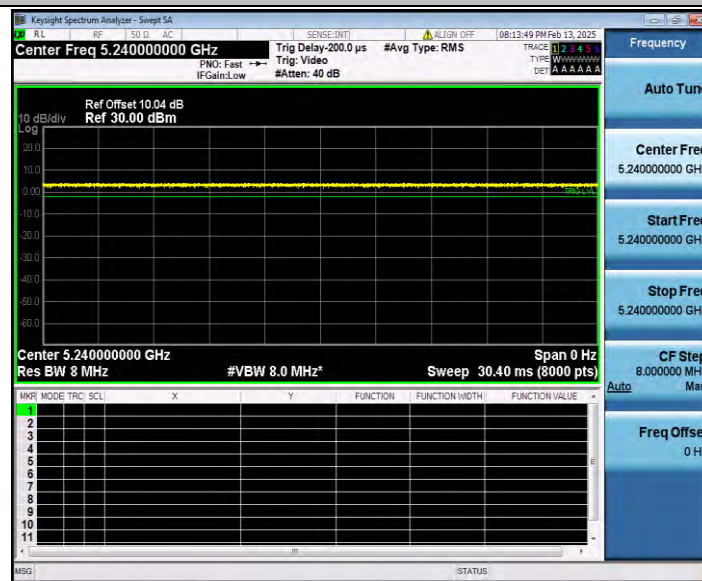
11A_Ant1_5200



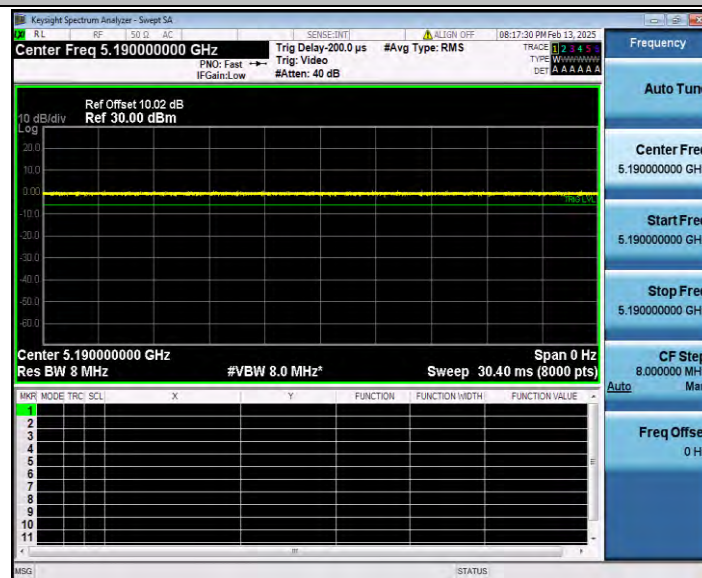
11A_Ant1_5240



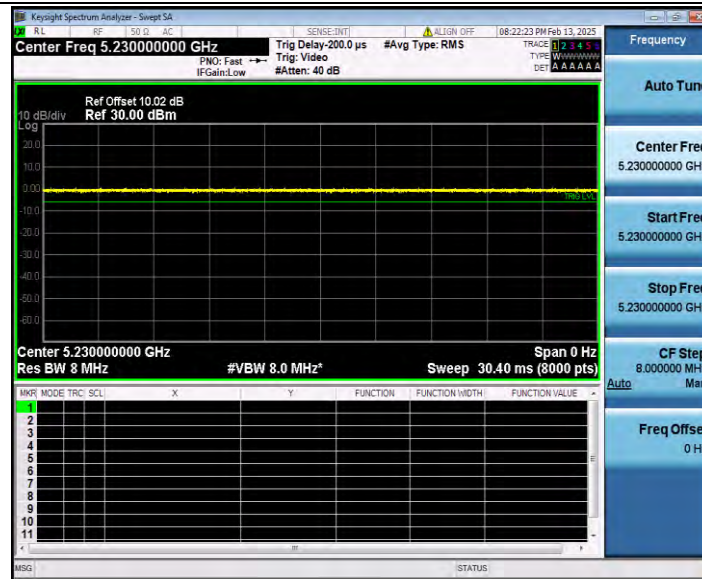
11N20SISO_Ant1_5240



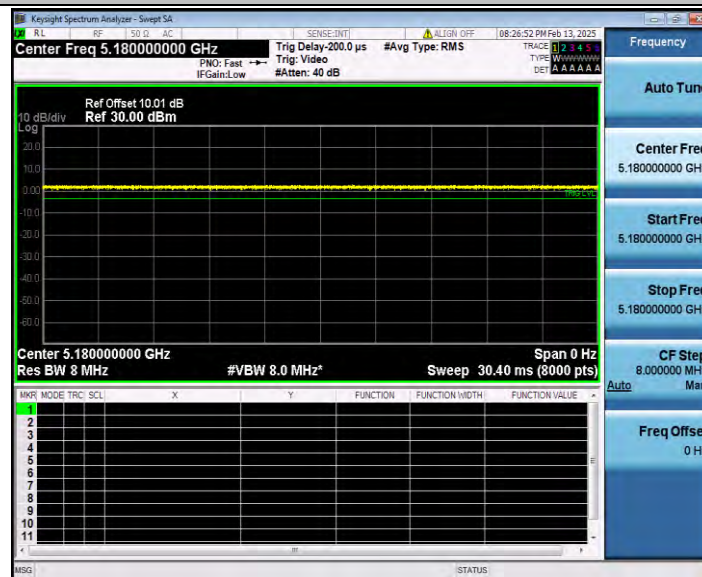
11N40SISO_Ant1_5190



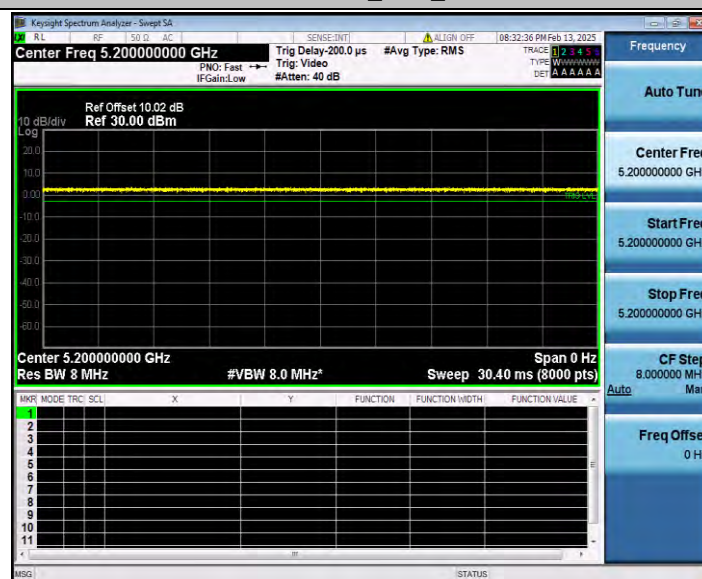
11N40SISO_Ant1_5230



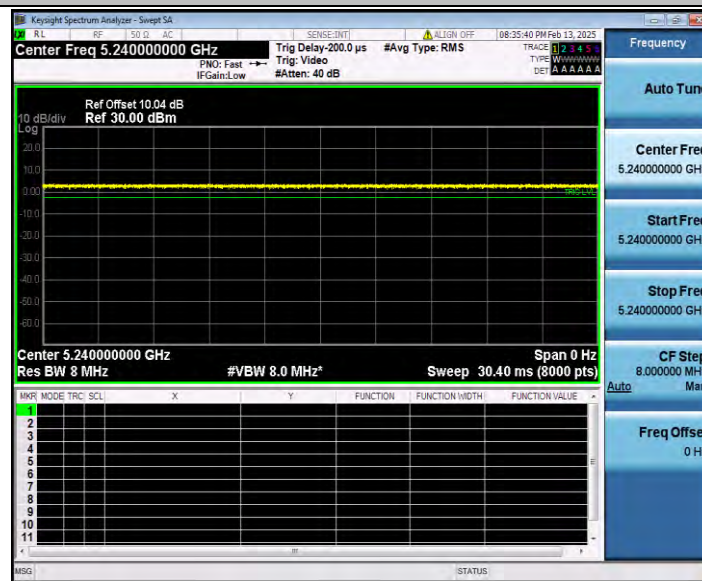
11AC20SISO_Ant1_5180



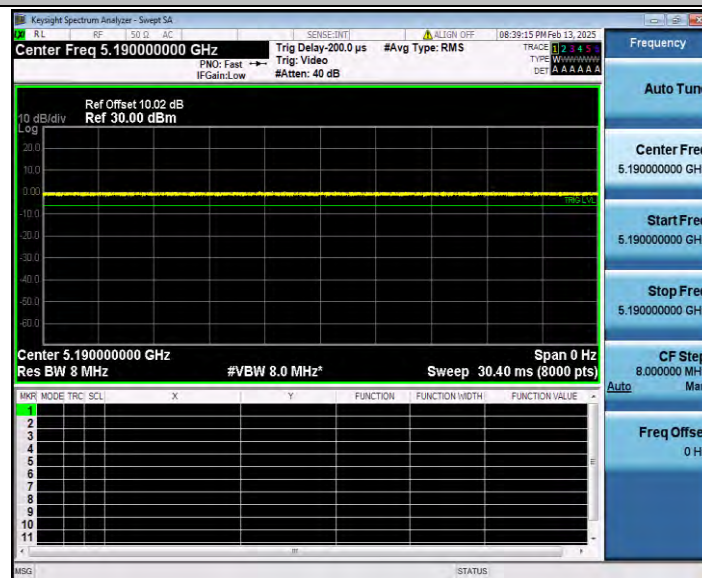
11AC20SISO_Ant1_5200



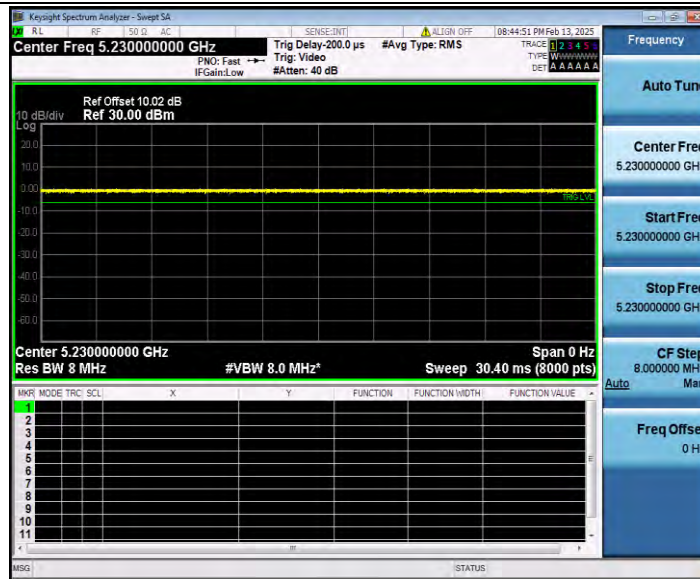
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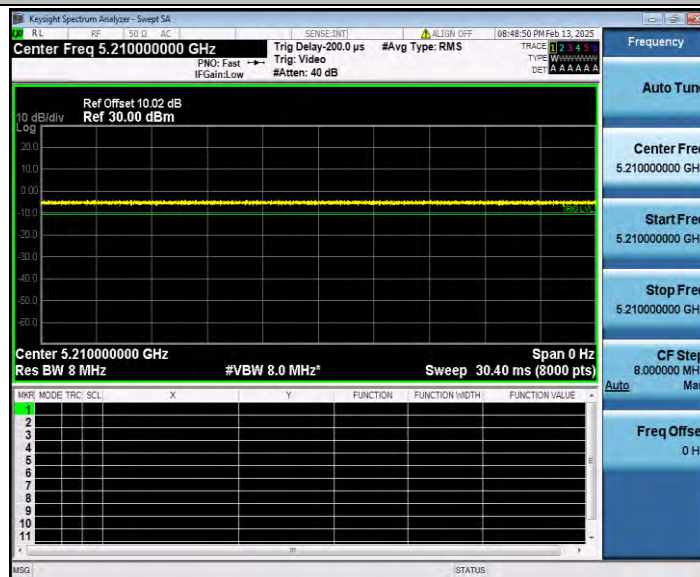
11AC40SISO_Ant1_5190



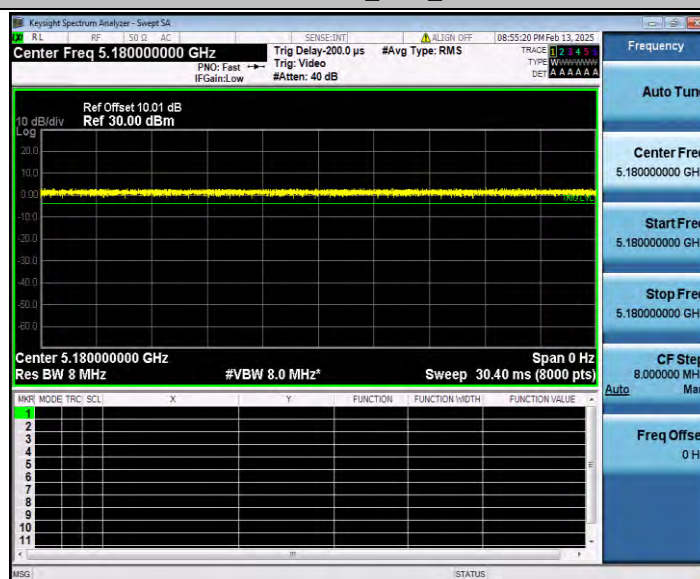
11AC40SISO_Ant1_5230



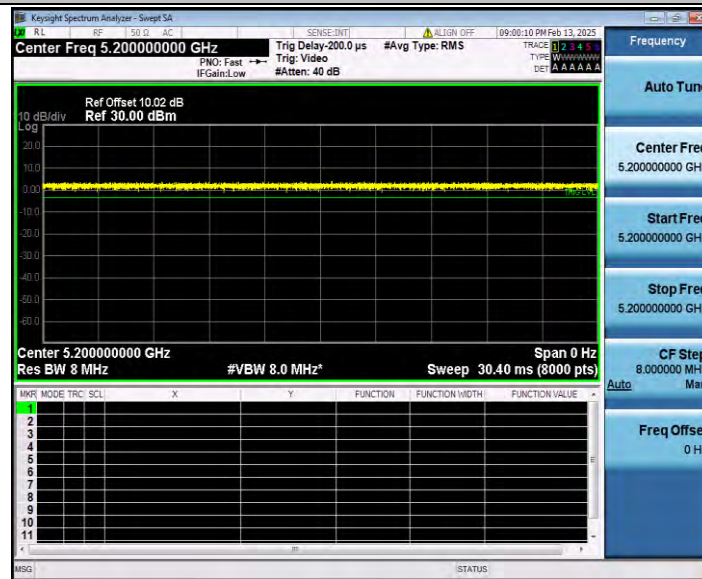
11AC80SISO_Ant1_5210



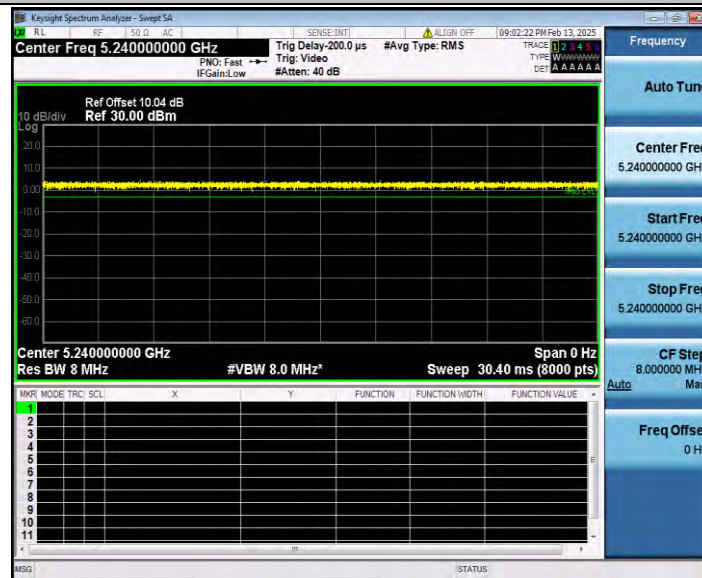
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190

