

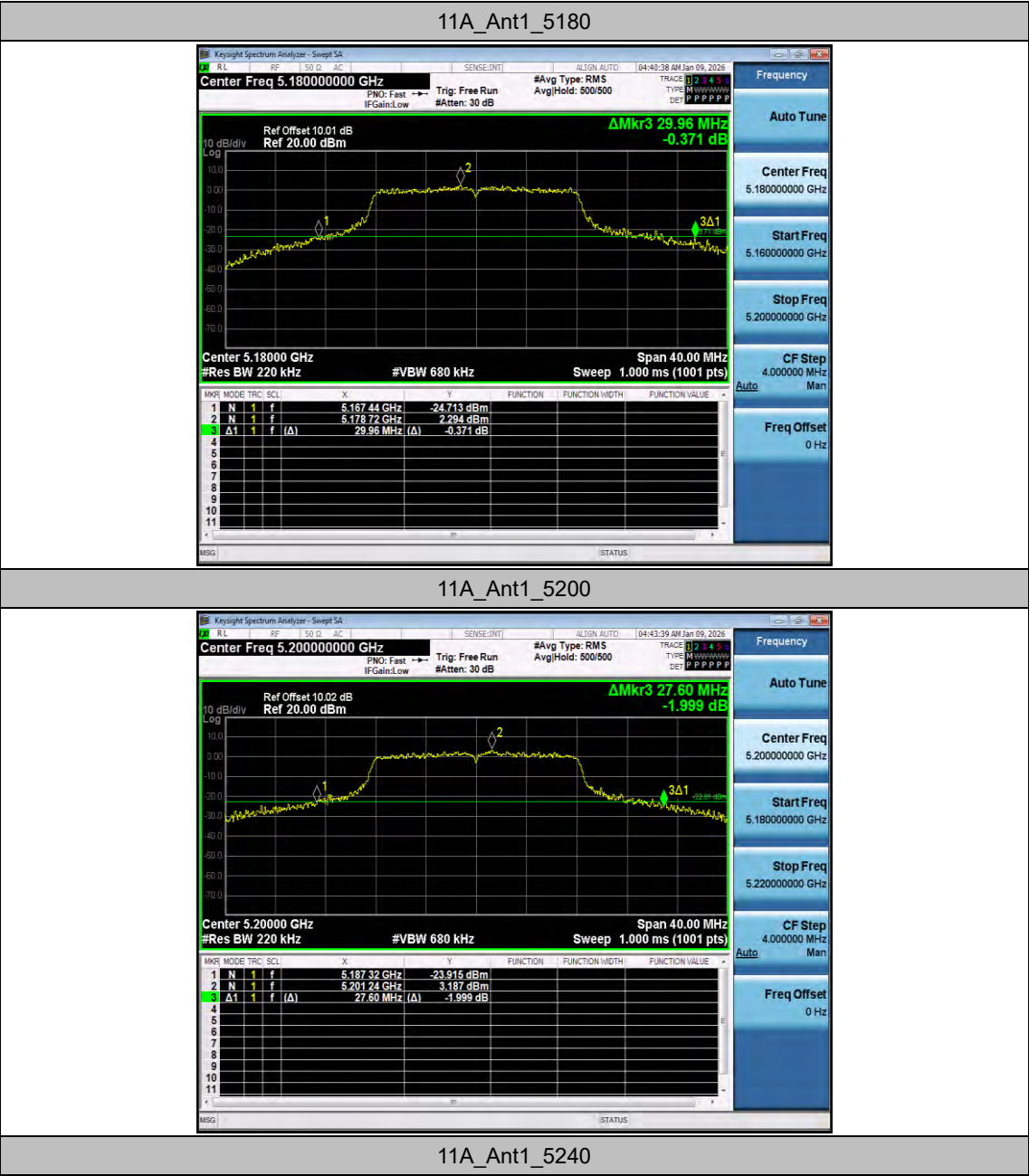
Case No. : <u>GTS20251117009-1-12</u>
Ambient Condition: <u>21</u> °C, <u>47</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.11.26-2026.2.4</u> Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

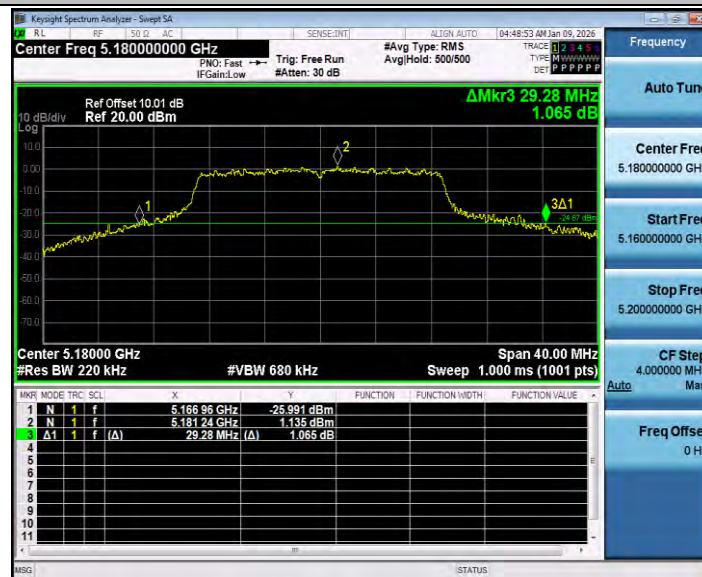
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	29.960	5167.440	5197.400	---	---
		5200	27.600	5187.320	5214.920	---	---
		5240	19.920	5229.960	5249.880	---	---
11N20SISO	Ant1	5180	29.280	5166.960	5196.240	---	---
		5200	30.160	5185.280	5215.440	---	---
		5240	20.560	5229.720	5250.280	---	---
11N40SISO	Ant1	5190	56.640	5166.080	5222.720	---	---
		5230	40.880	5209.440	5250.320	---	---
11AC20SISO	Ant1	5180	27.520	5167.240	5194.760	---	---
		5200	30.000	5184.960	5214.960	---	---
		5240	20.360	5229.760	5250.120	---	---
11AC40SISO	Ant1	5190	48.320	5169.120	5217.440	---	---
		5230	39.600	5210.320	5249.920	---	---
11AC80SISO	Ant1	5210	101.600	5165.840	5267.440	---	---
11AX20SISO	Ant1	5180	29.640	5166.960	5196.600	---	---
		5200	29.320	5183.520	5212.840	---	---
		5240	19.920	5230.040	5249.960	---	---
11AX40SISO	Ant1	5190	49.600	5168.720	5218.320	---	---
		5230	39.440	5210.240	5249.680	---	---
11AX80SISO	Ant1	5210	90.080	5167.120	5257.200	---	---

Test Graphs





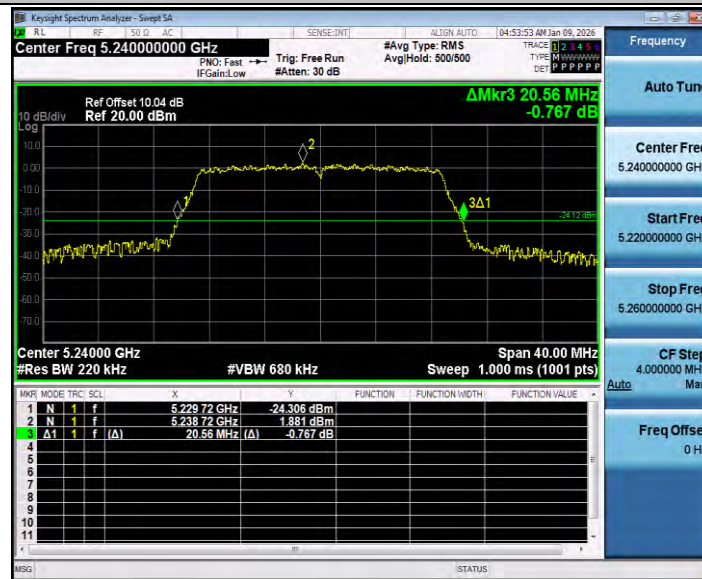
11N20SISO_Ant1_5180



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



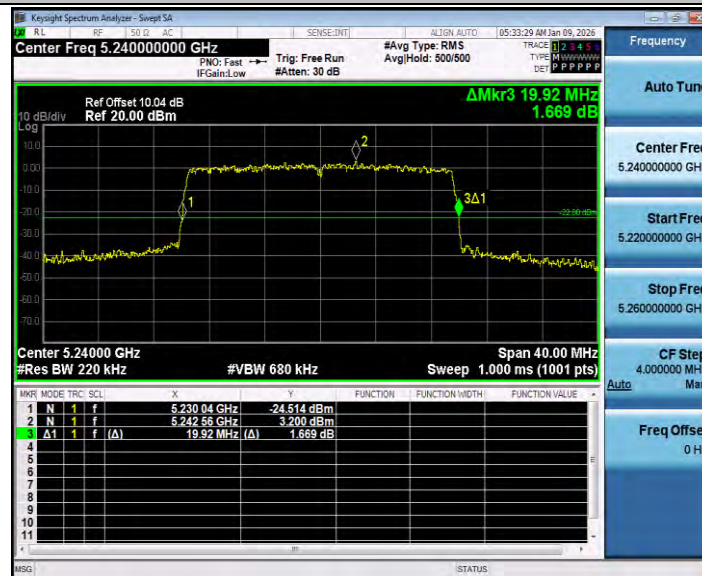
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

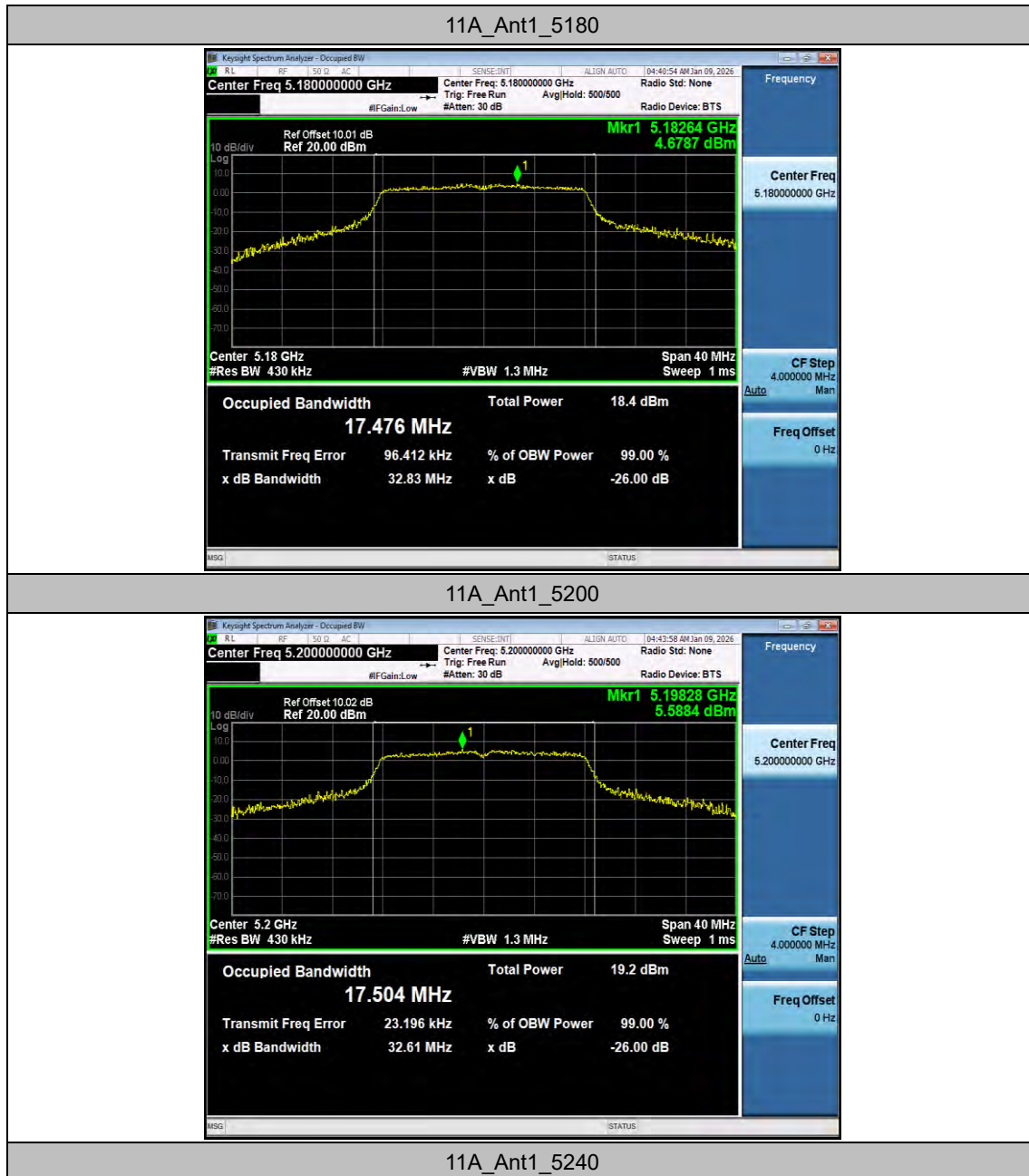


Appendix D.2: Occupied channel bandwidth

Test Result

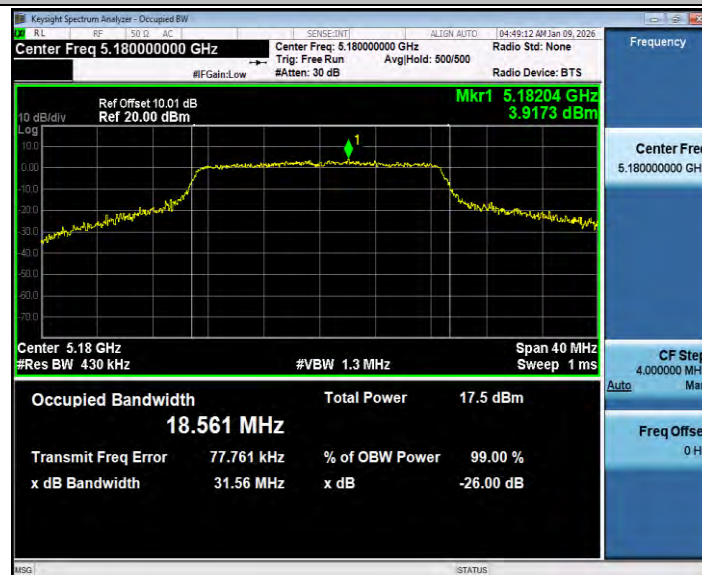
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.476	5171.3584	5188.8344	---	---
		5200	17.504	5191.2712	5208.7752	---	---
		5240	17.064	5231.3967	5248.4607	---	---
11N20SISO	Ant1	5180	18.561	5170.7973	5189.3583	---	---
		5200	18.545	5190.7285	5209.2735	---	---
		5240	18.036	5230.9259	5248.9619	---	---
11N40SISO	Ant1	5190	36.918	5171.7898	5208.7078	---	---
		5230	36.424	5211.7894	5248.2134	---	---
11AC20SISO	Ant1	5180	18.261	5170.9710	5189.2320	---	---
		5200	18.260	5190.9282	5209.1882	---	---
		5240	17.840	5231.0428	5248.8828	---	---
11AC40SISO	Ant1	5190	36.564	5171.9014	5208.4654	---	---
		5230	36.273	5211.8499	5248.1229	---	---
11AC80SISO	Ant1	5210	75.343	5172.6572	5248.0002	---	---
11AX20SISO	Ant1	5180	19.242	5170.4330	5189.6750	---	---
		5200	19.205	5190.4109	5209.6159	---	---
		5240	18.903	5230.5176	5249.4206	---	---
11AX40SISO	Ant1	5190	37.893	5171.1951	5209.0881	---	---
		5230	37.561	5211.2087	5248.7697	---	---
11AX80SISO	Ant1	5210	77.083	5171.7440	5248.8270	---	---

Test Graphs





11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



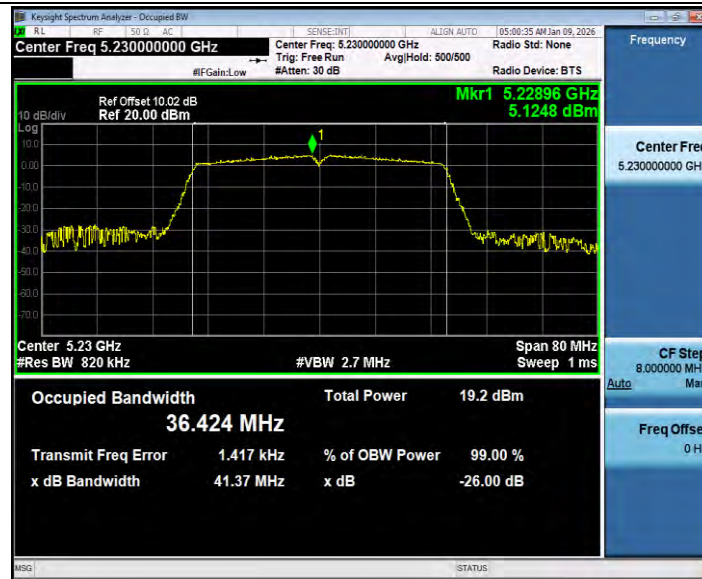
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



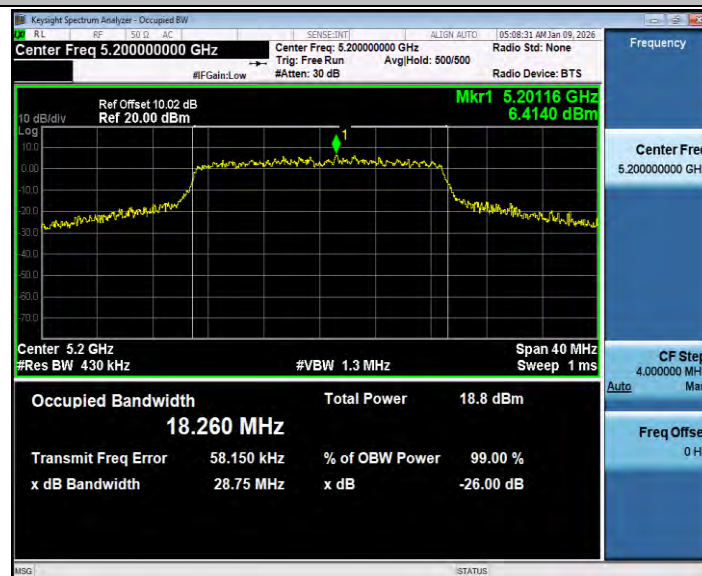
11N40SISO_Ant1_5230



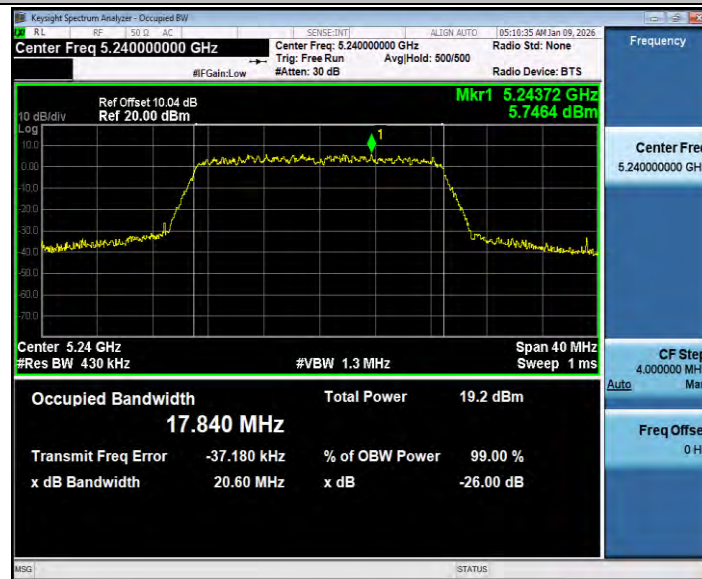
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



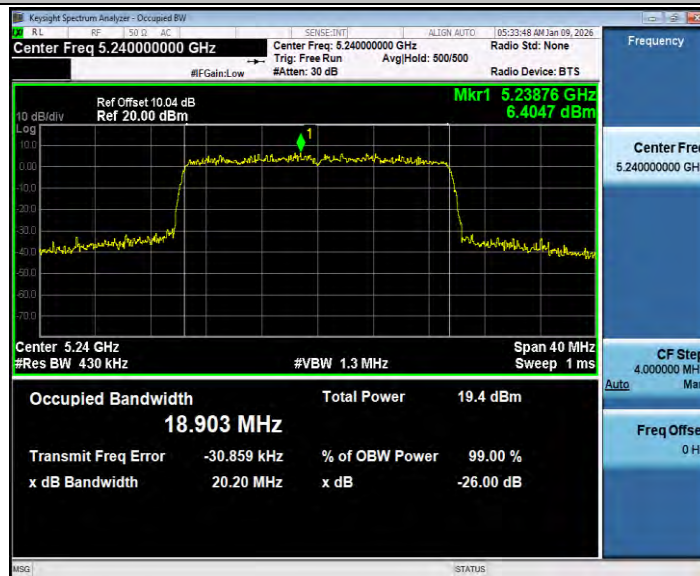
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



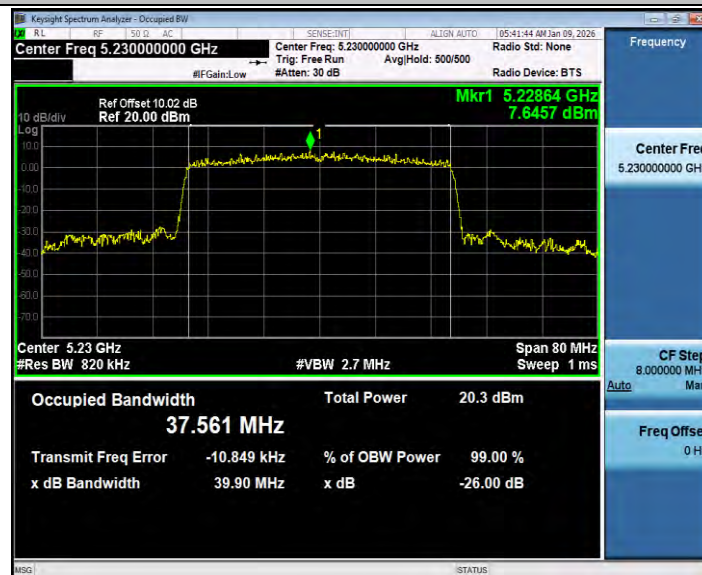
11AX20SISO_Ant1_5240



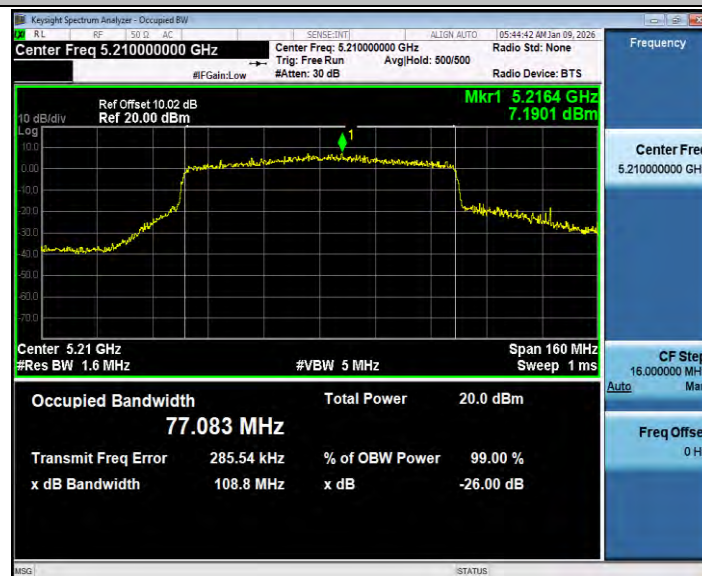
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

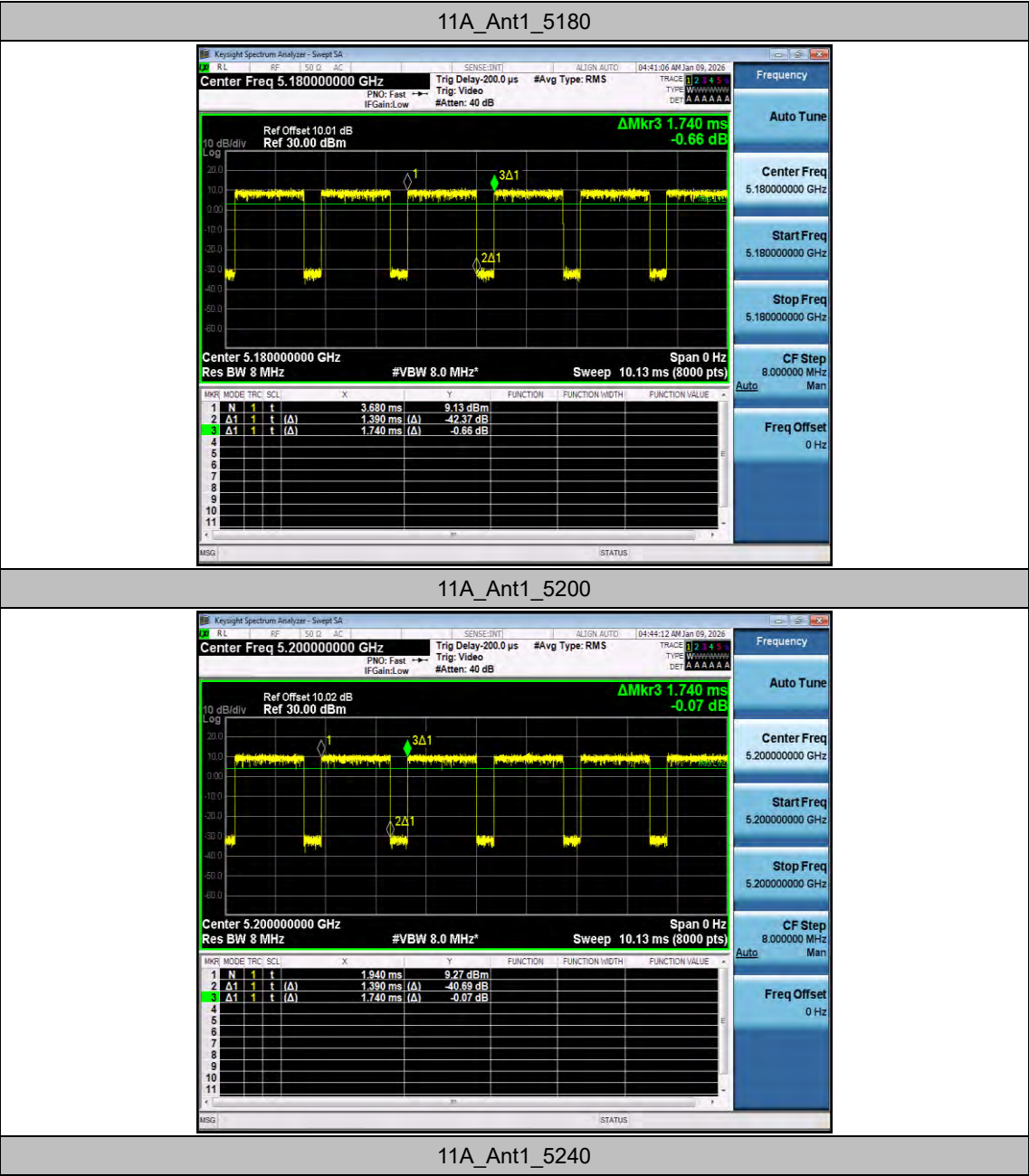


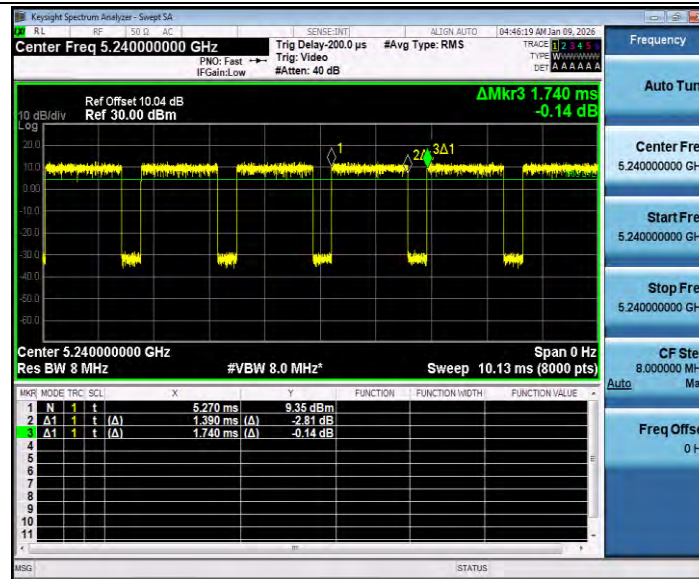
AppendixD.3: Duty Cycle

Test Result

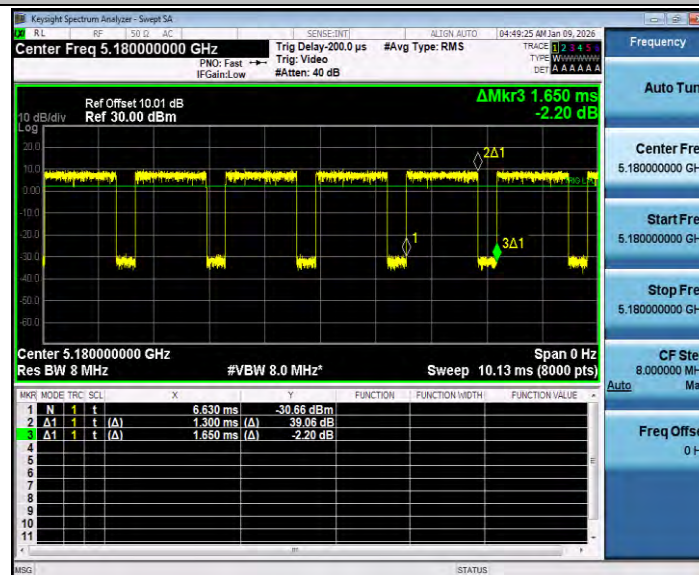
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	1.39	1.74	79.89	0.98	0.72
		5200	1.39	1.74	79.89	0.98	0.72
		5240	1.39	1.74	79.89	0.98	0.72
11N20SISO	Ant1	5180	1.30	1.65	78.79	1.04	0.77
		5200	1.29	1.64	78.66	1.04	0.78
		5240	1.30	1.65	78.79	1.04	0.77
11N40SISO	Ant1	5190	0.64	0.98	65.31	1.85	1.56
		5230	0.64	0.98	65.31	1.85	1.56
11AC20SISO	Ant1	5180	0.68	1.03	66.02	1.80	1.47
		5200	0.68	1.04	65.38	1.85	1.47
		5240	0.67	1.03	65.05	1.87	1.49
11AC40SISO	Ant1	5190	0.36	0.71	50.70	2.95	2.78
		5230	0.35	0.71	49.30	3.07	2.86
11AC80SISO	Ant1	5210	0.18	0.54	33.33	4.77	5.56
11AX20SISO	Ant1	5180	0.21	0.53	39.62	4.02	4.76
		5200	0.20	0.52	38.46	4.15	5.00
		5240	0.20	0.52	38.46	4.15	5.00
11AX40SISO	Ant1	5190	0.20	0.53	37.74	4.23	5.00
		5230	0.21	0.53	39.62	4.02	4.76
11AX80SISO	Ant1	5210	0.20	0.56	35.71	4.47	5.00

Test Graphs

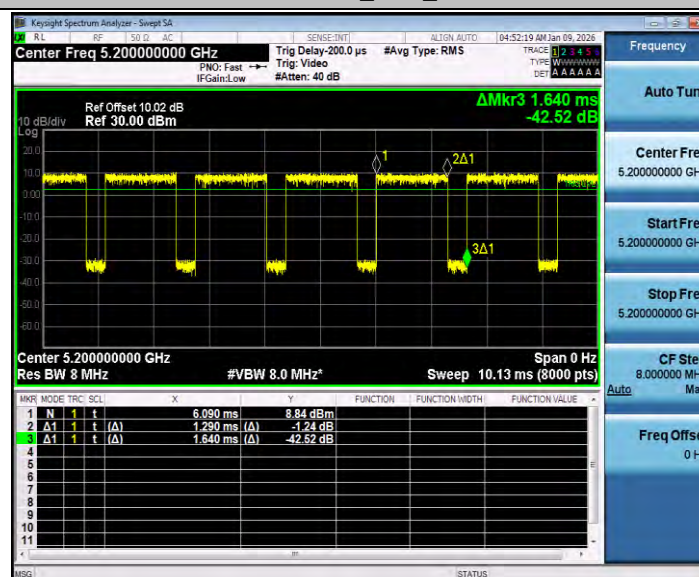


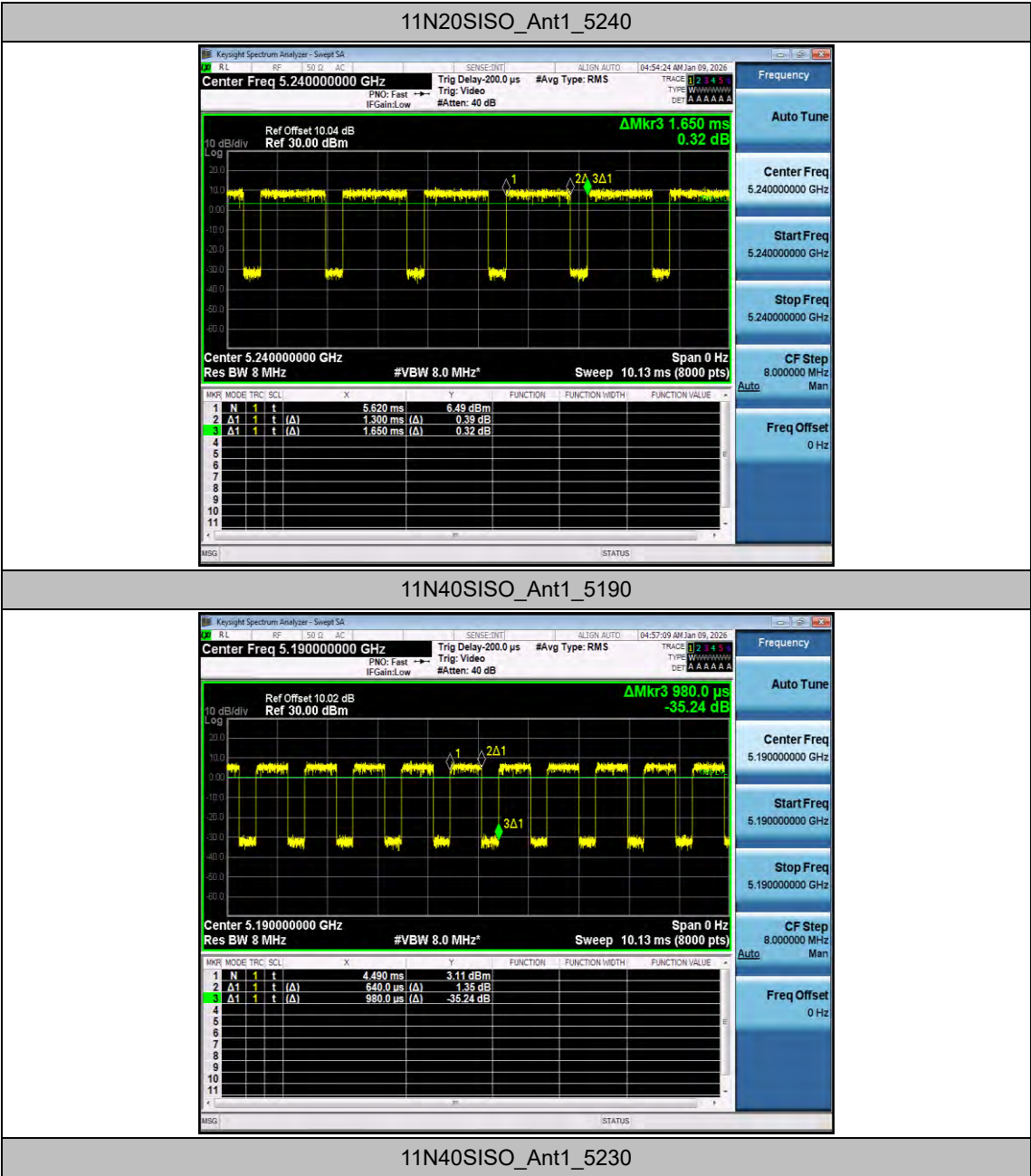


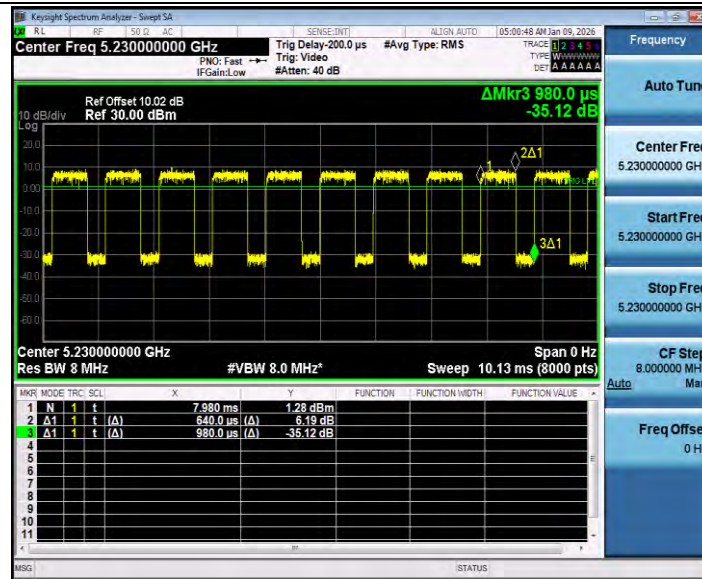
11N20SISO_Ant1_5180



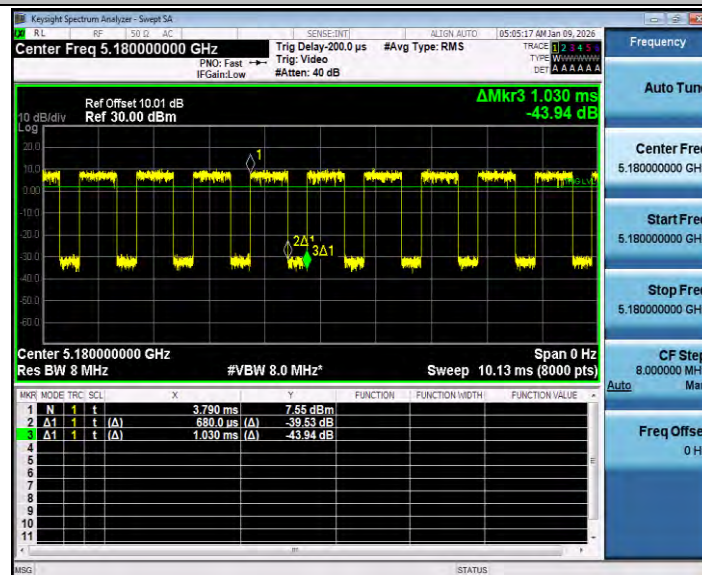
11N20SISO_Ant1_5200



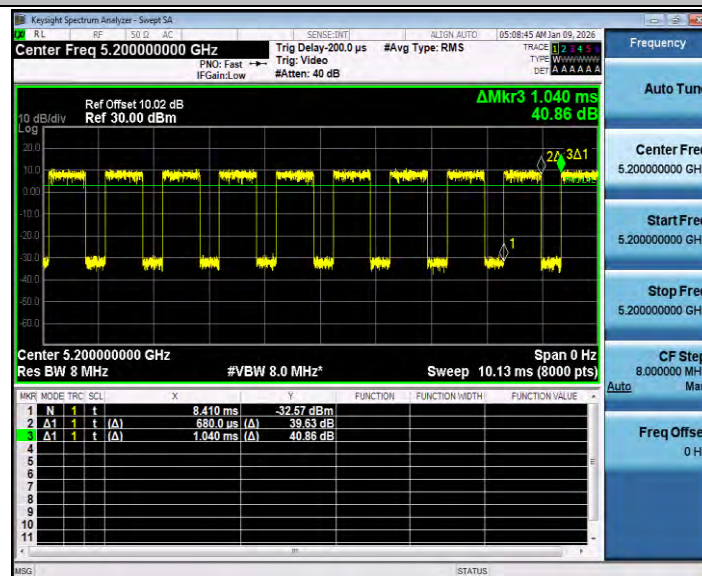


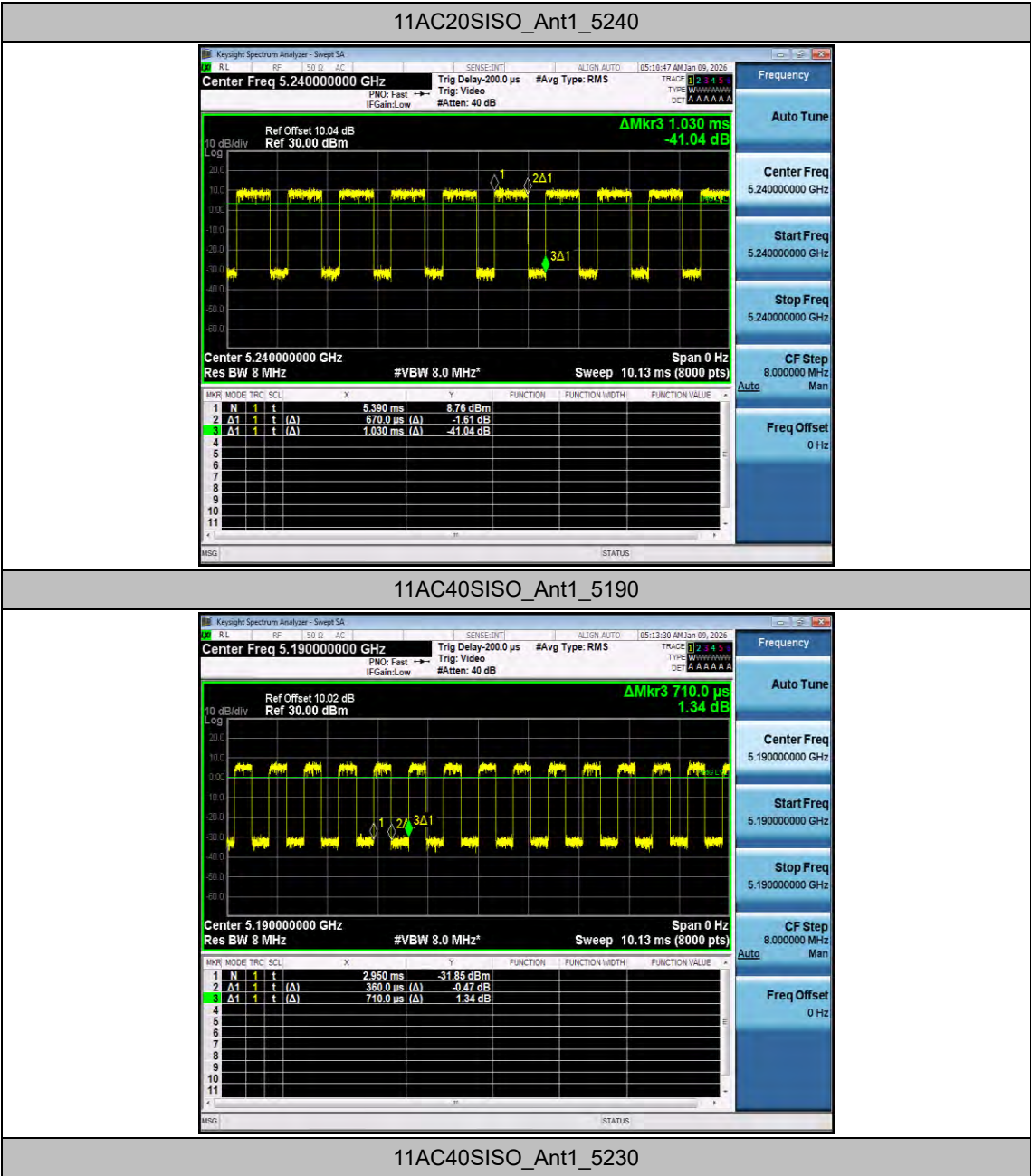


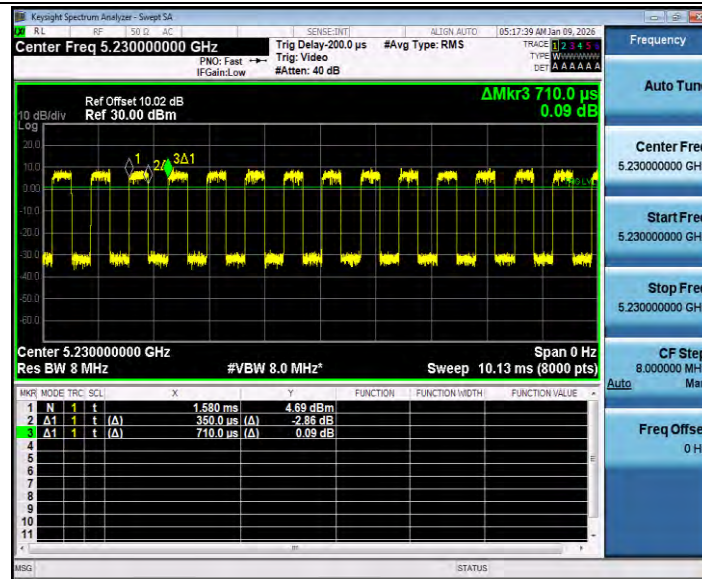
11AC20SISO_Ant1_5180



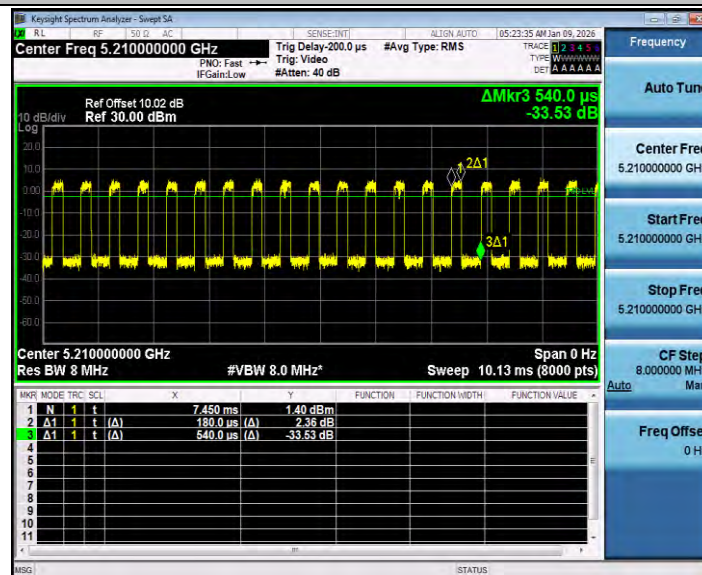
11AC20SISO_Ant1_5200



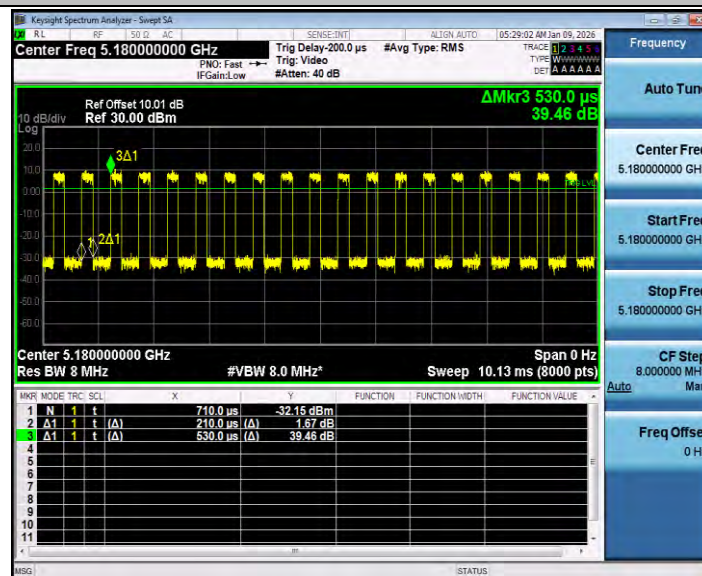


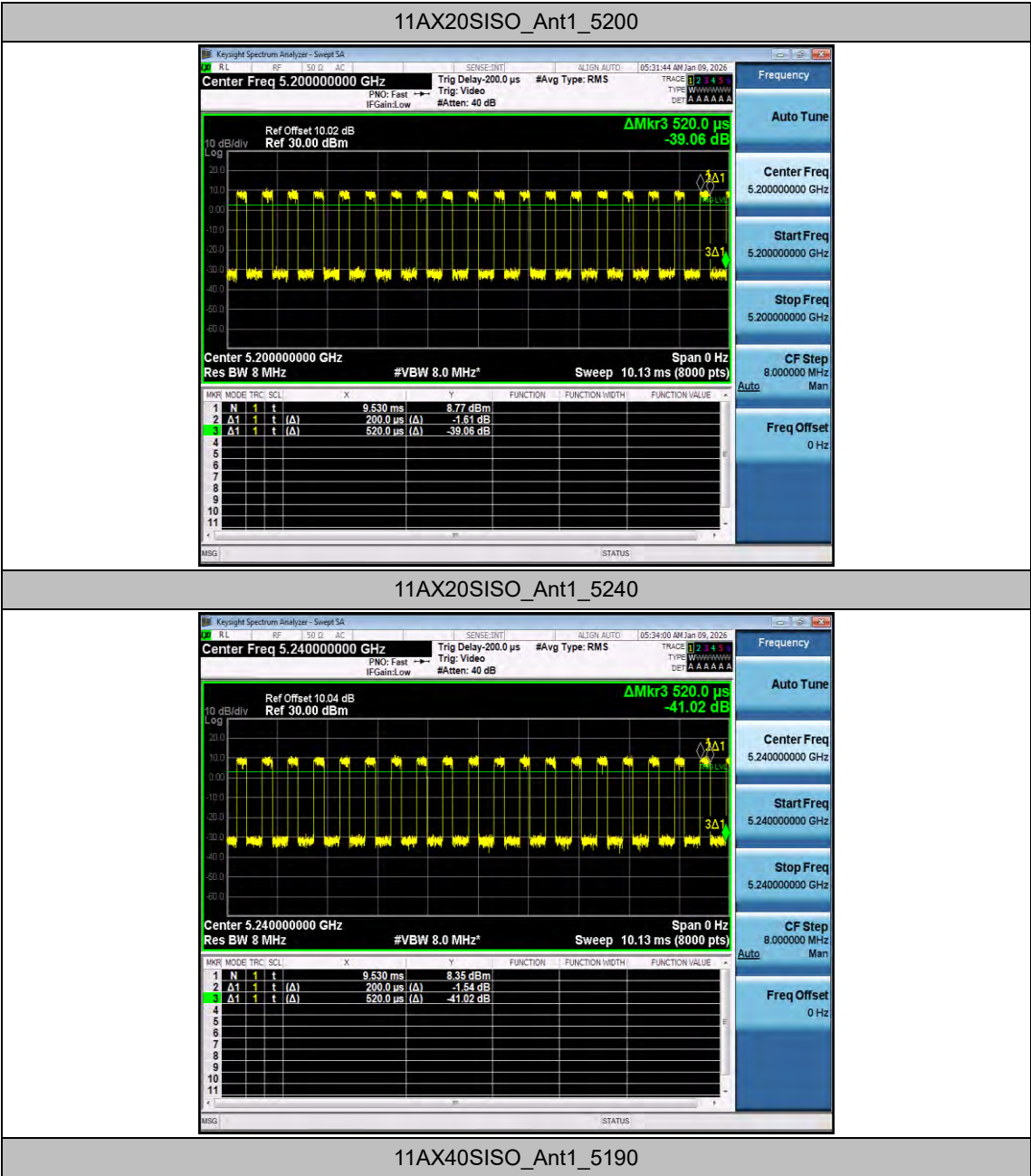


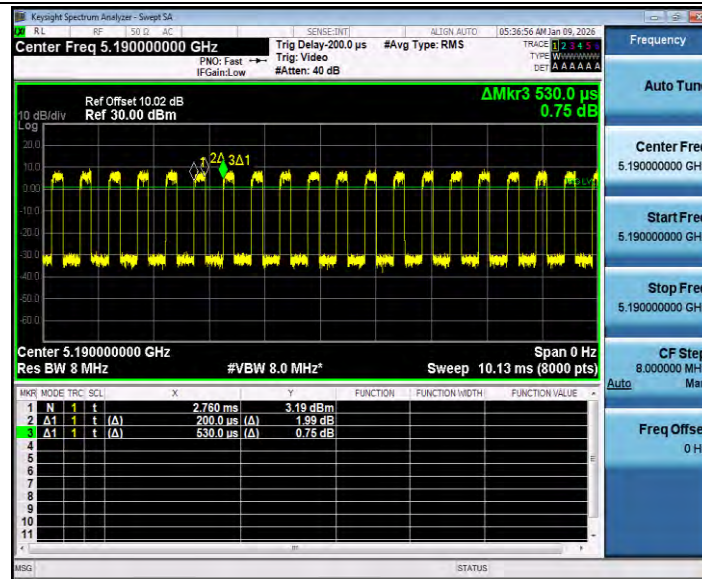
11AC80SISO_Ant1_5210



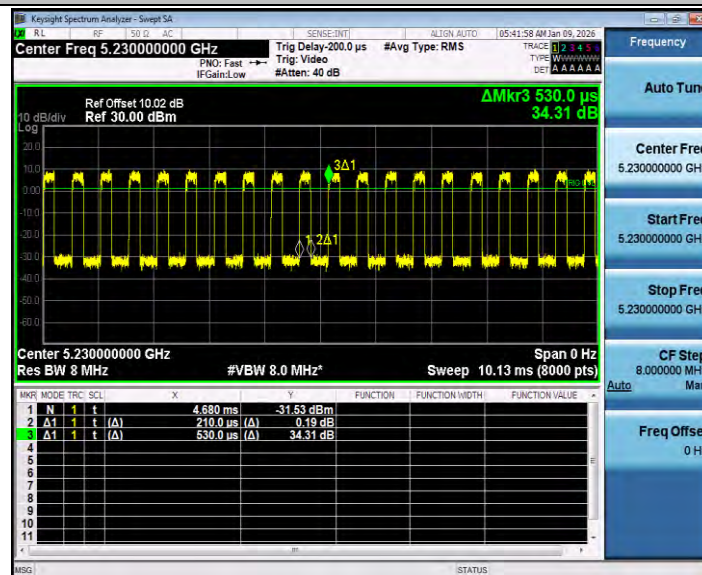
11AX20SISO_Ant1_5180







11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

