

Case No. : <u>GTS20251117009-1-12</u>
Ambient Condition: <u>21</u> °C, <u>50</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	Ant0	5180	28.560	5166.400	5194.960	---	---
		5200	27.120	5187.080	5214.200	---	---
		5240	20.040	5230.000	5250.040	---	---
11N20SISO	Ant0	5180	30.520	5166.560	5197.080	---	---
		5200	31.680	5186.000	5217.680	---	---
		5240	20.520	5229.800	5250.320	---	---
11N40SISO	Ant0	5190	58.320	5164.400	5222.720	---	---
		5230	40.880	5209.920	5250.800	---	---
11AC20SISO	Ant0	5180	28.840	5167.160	5196.000	---	---
		5200	33.360	5182.920	5216.280	---	---
		5240	20.560	5229.760	5250.320	---	---
11AC40SISO	Ant0	5190	55.520	5167.520	5223.040	---	---
		5230	40.560	5209.840	5250.400	---	---
11AC80SISO	Ant0	5210	105.280	5165.680	5270.960	---	---
11AX20SISO	Ant0	5180	31.960	5166.320	5198.280	---	---
		5200	27.720	5186.640	5214.360	---	---
		5240	19.920	5230.000	5249.920	---	---
11AX40SISO	Ant0	5190	48.720	5168.160	5216.880	---	---
		5230	39.600	5210.160	5249.760	---	---
11AX80SISO	Ant0	5210	92.960	5167.120	5260.080	---	---

Test Graphs

11A_Ant0_5180



11A_Ant0_5200



11A_Ant0_5240



11N20SISO_Ant0_5180



11N20SISO_Ant0_5200



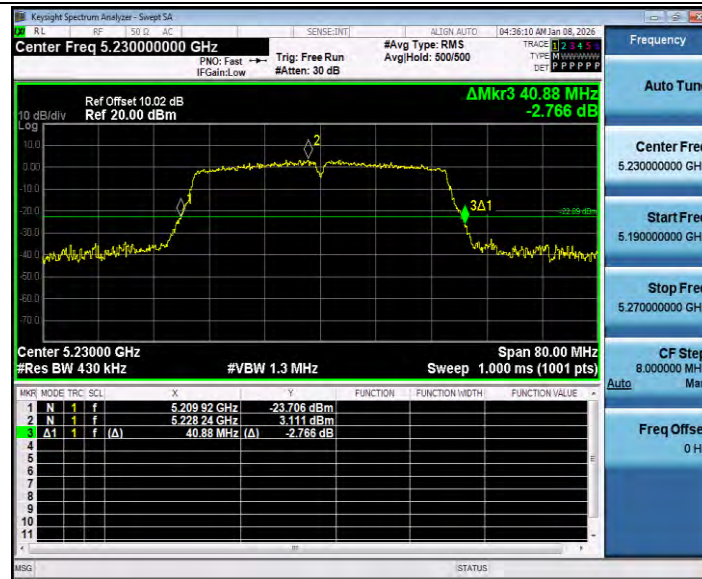
11N20SISO_Ant0_5240



11N40SISO_Ant0_5190



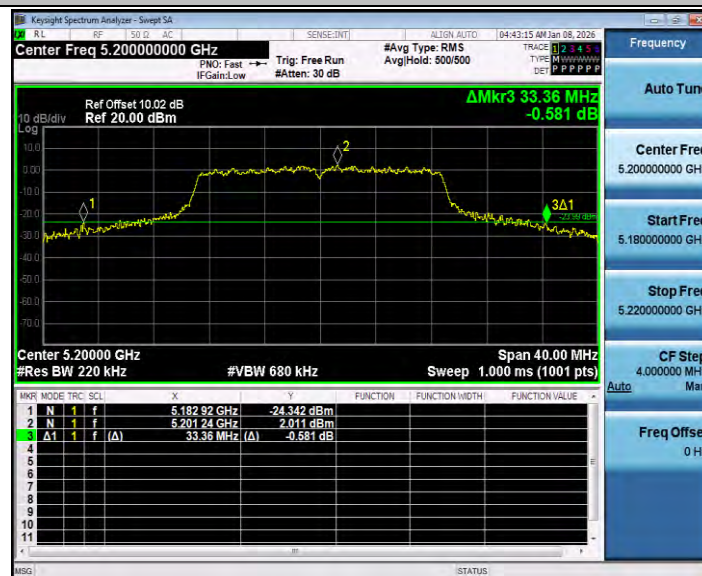
11N40SISO_Ant0_5230



11AC20SISO_Ant0_5180



11AC20SISO_Ant0_5200



11AC20SISO_Ant0_5240



11AC40SISO_Ant0_5190



11AC40SISO_Ant0_5230



11AC80SISO_Ant0_5210



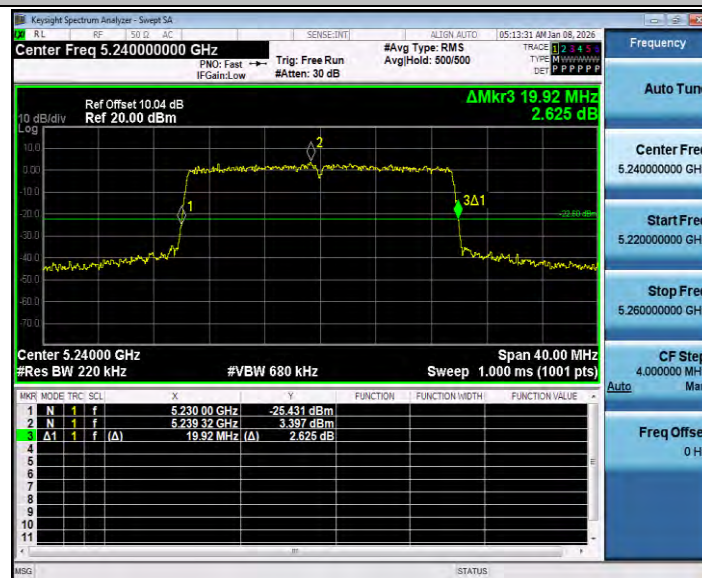
11AX20SISO_Ant0_5180



11AX20SISO_Ant0_5200



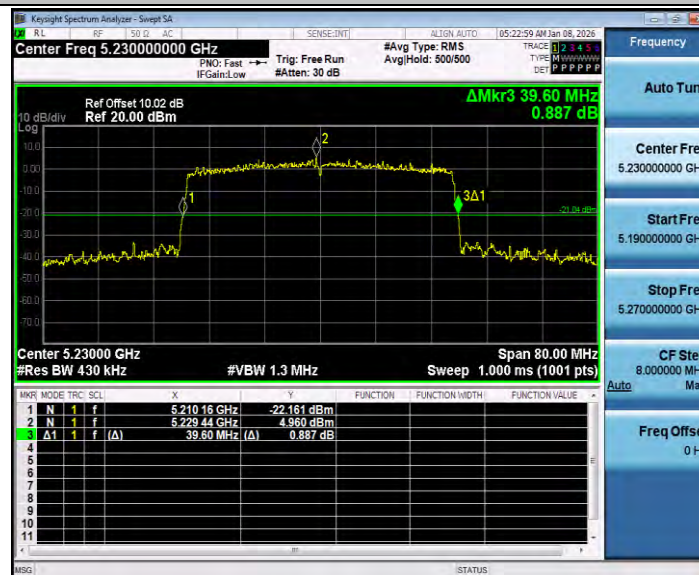
11AX20SISO_Ant0_5240



11AX40SISO_Ant0_5190



11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210

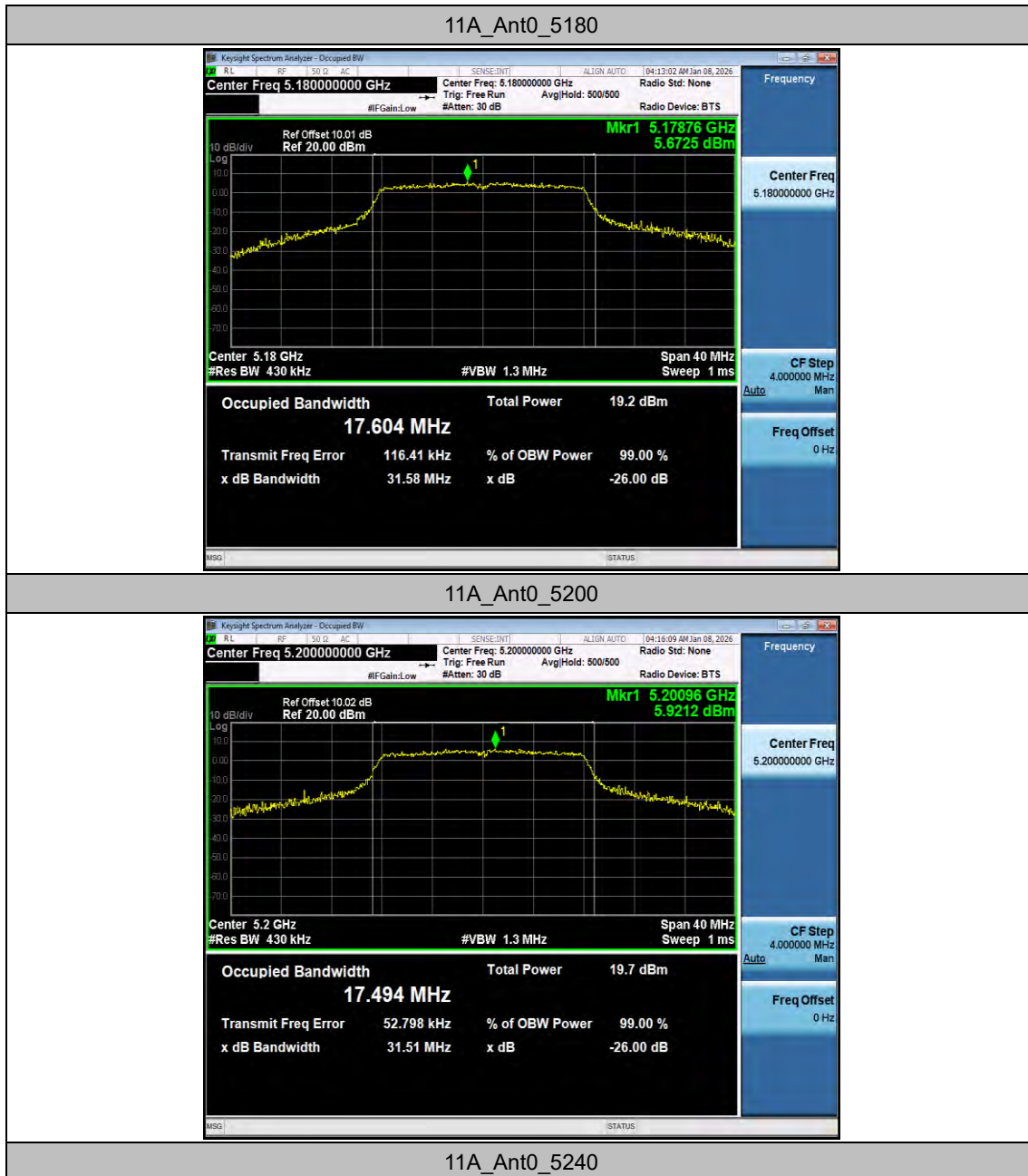


Appendix D.2: Occupied channel bandwidth

Test Result

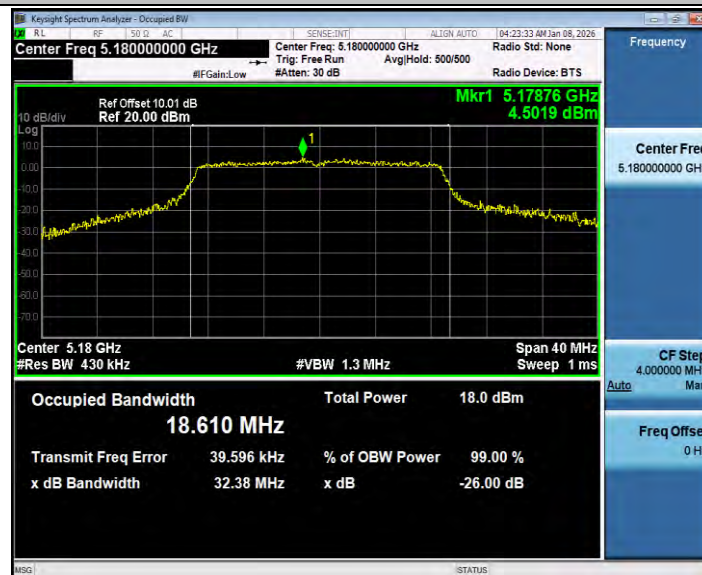
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	17.604	5171.3144	5188.9184	---	---
		5200	17.494	5191.3058	5208.7998	---	---
		5240	17.126	5231.4137	5248.5397	---	---
11N20SISO	Ant0	5180	18.610	5170.7346	5189.3446	---	---
		5200	18.646	5190.7416	5209.3876	---	---
		5240	18.063	5230.9647	5249.0277	---	---
11N40SISO	Ant0	5190	37.104	5171.7369	5208.8409	---	---
		5230	36.294	5211.8873	5248.1813	---	---
11AC20SISO	Ant0	5180	18.615	5170.8236	5189.4386	---	---
		5200	18.580	5190.7792	5209.3592	---	---
		5240	18.025	5230.9632	5248.9882	---	---
11AC40SISO	Ant0	5190	36.927	5171.8040	5208.7310	---	---
		5230	36.263	5211.8839	5248.1469	---	---
11AC80SISO	Ant0	5210	75.588	5172.6002	5248.1882	---	---
11AX20SISO	Ant0	5180	19.236	5170.4131	5189.6491	---	---
		5200	19.288	5190.3747	5209.6627	---	---
		5240	18.911	5230.5217	5249.4327	---	---
11AX40SISO	Ant0	5190	38.079	5171.0677	5209.1467	---	---
		5230	37.625	5211.2973	5248.9223	---	---
11AX80SISO	Ant0	5210	77.242	5171.7480	5248.9900	---	---

Test Graphs

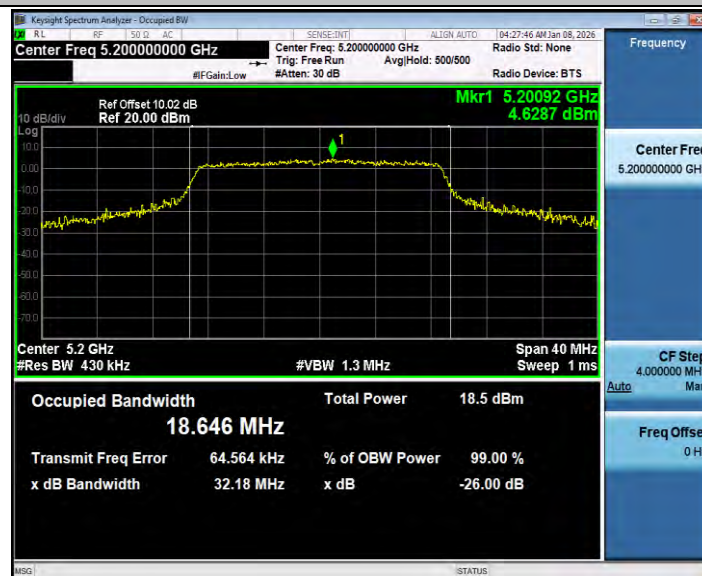




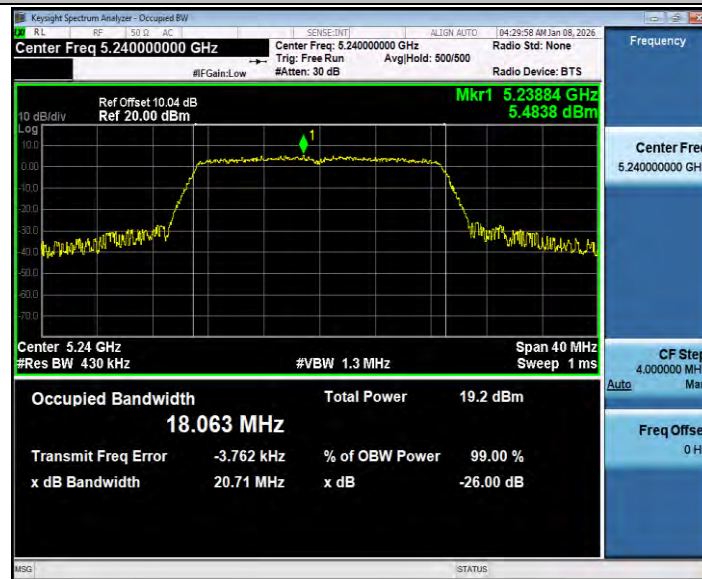
11N20SISO_Ant0_5180



11N20SISO_Ant0_5200



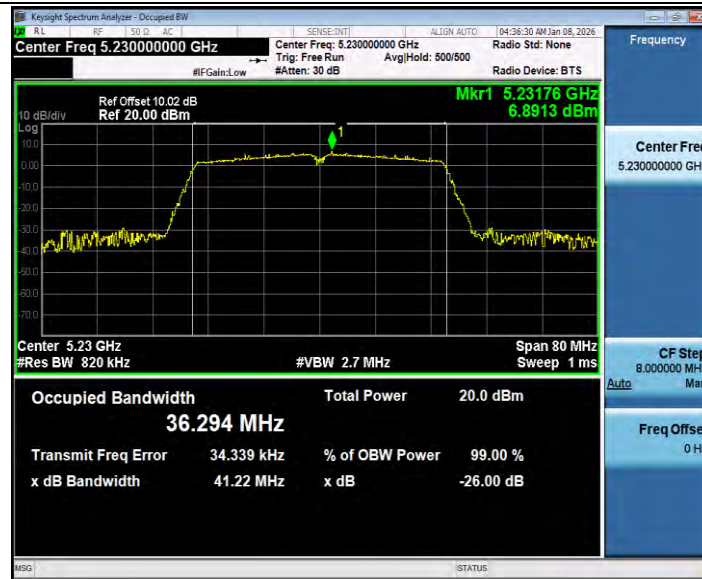
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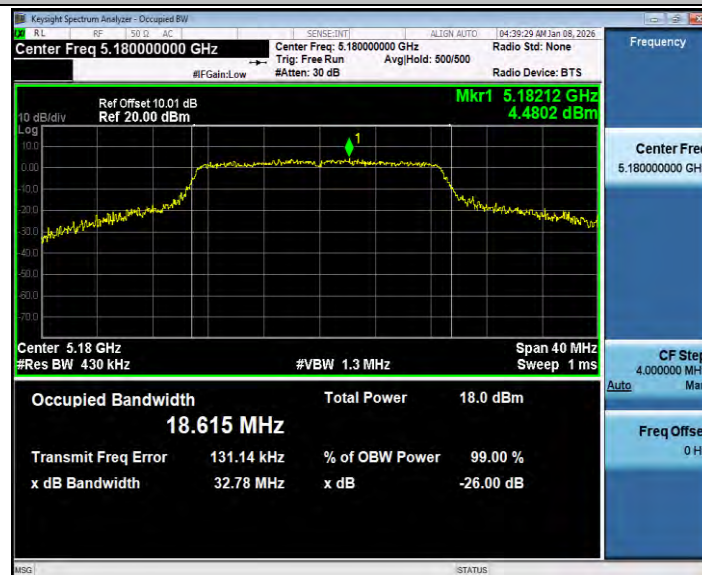
11N40SISO_Ant0_5190



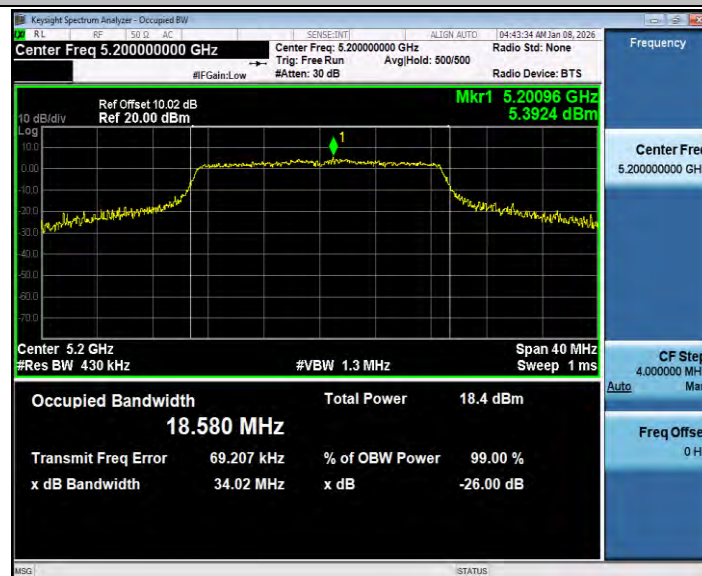
11N40SISO_Ant0_5230



11AC20SISO_Ant0_5180



11AC20SISO_Ant0_5200



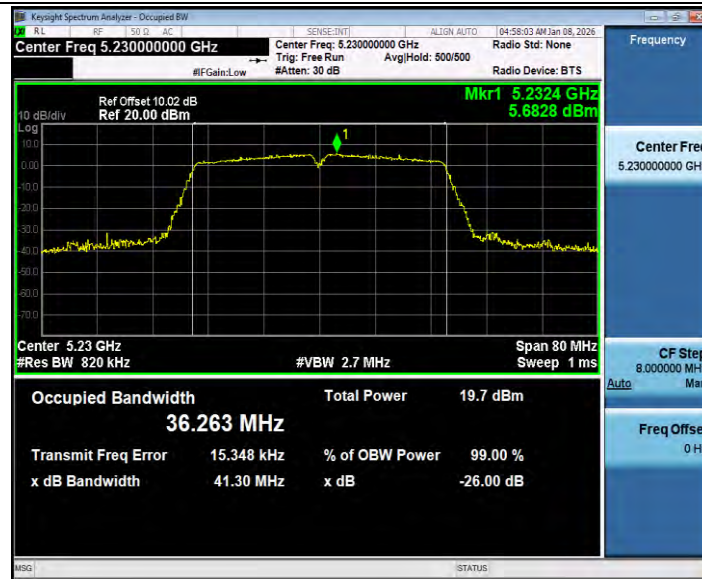
11AC20SISO_Ant0_5240



11AC40SISO_Ant0_5190



11AC40SISO_Ant0_5230



11AC80SISO_Ant0_5210



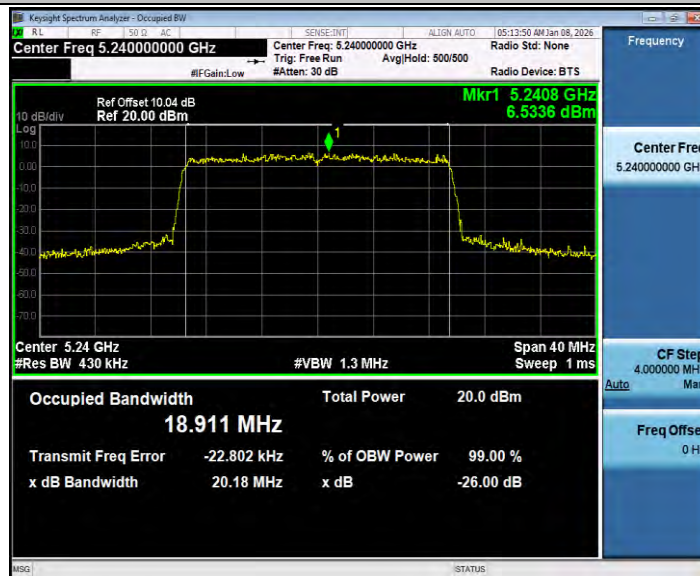
11AX20SISO_Ant0_5180



11AX20SISO_Ant0_5200



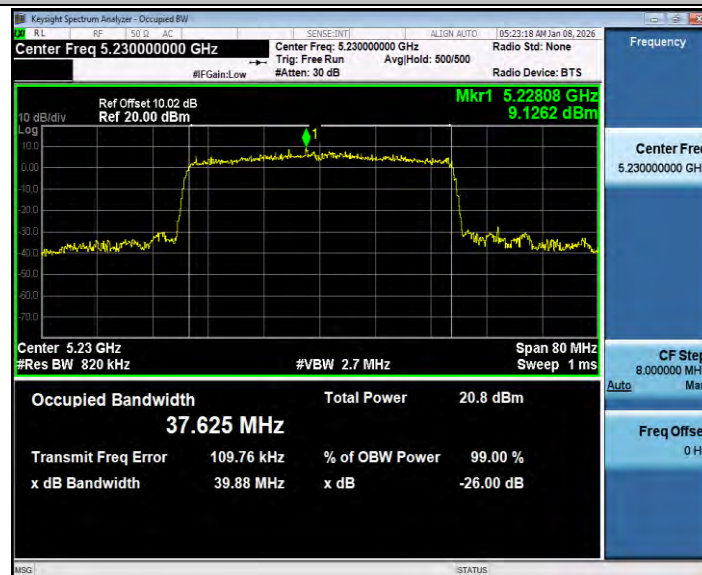
11AX20SISO_Ant0_5240



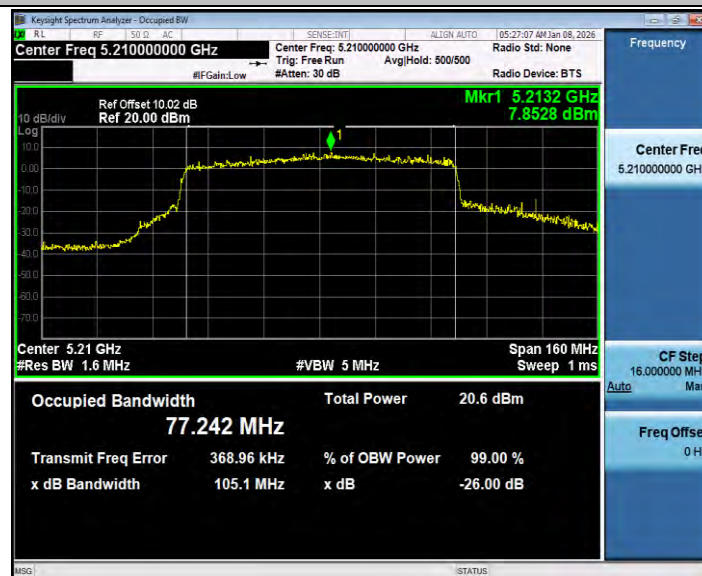
11AX40SISO_Ant0_5190



11AX40ISO_Ant0_5230



11AX80ISO_Ant0_5210

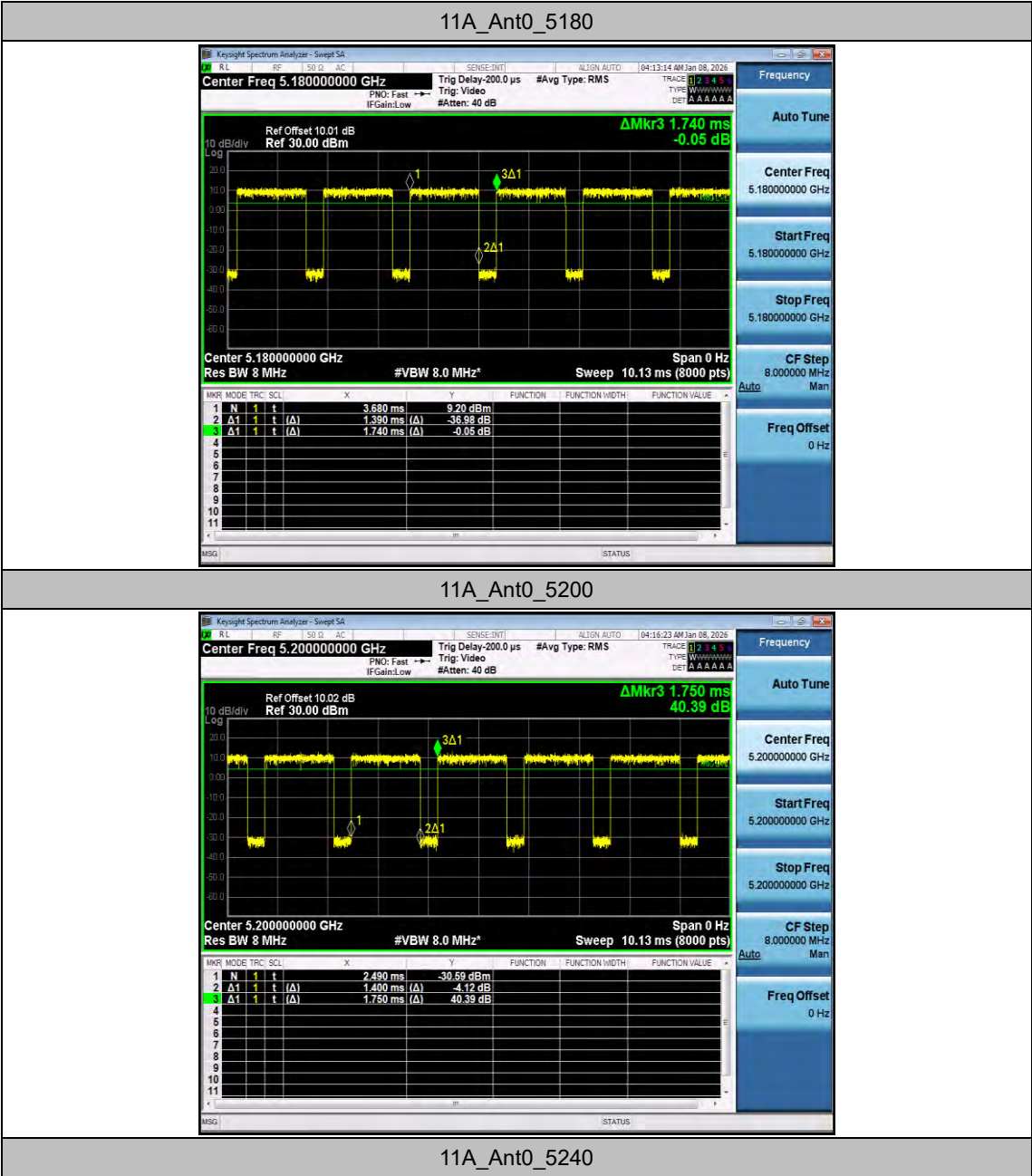


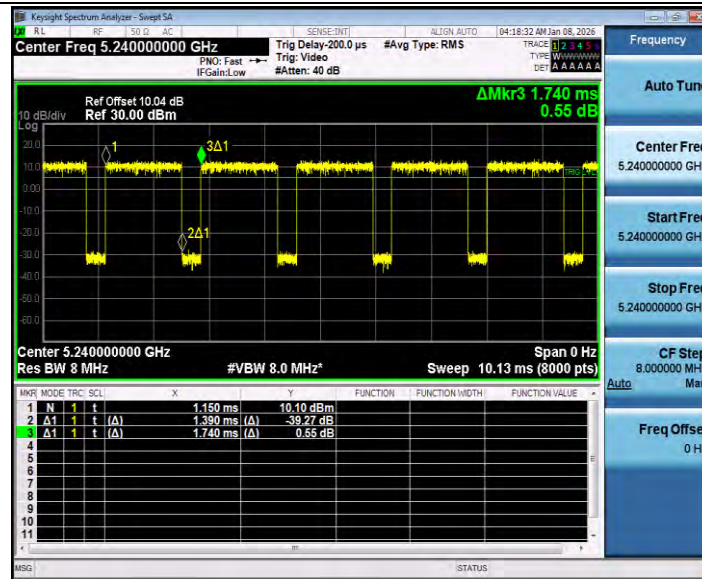
AppendixD.3: Duty Cycle

Test Result

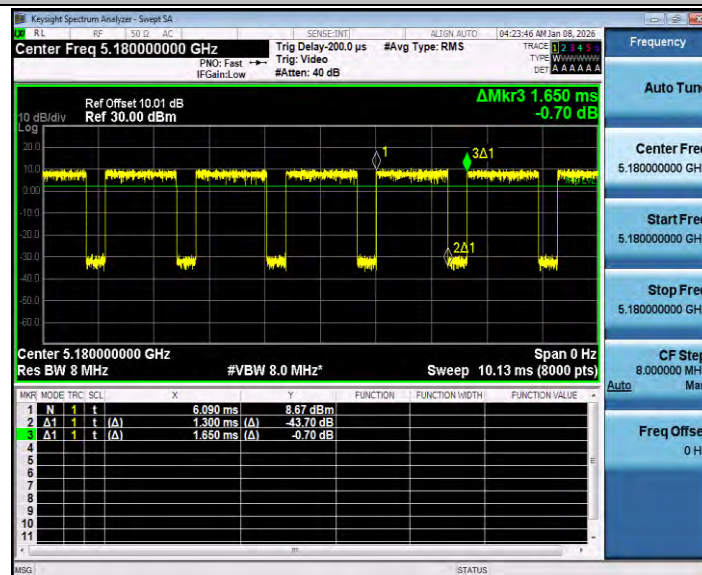
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5180	1.39	1.74	79.89	0.98	0.72
		5200	1.40	1.75	80.00	0.97	0.71
		5240	1.39	1.74	79.89	0.98	0.72
11N20SISO	Ant0	5180	1.30	1.65	78.79	1.04	0.77
		5200	1.30	1.65	78.79	1.04	0.77
		5240	1.30	1.65	78.79	1.04	0.77
11N40SISO	Ant0	5190	0.64	0.98	65.31	1.85	1.56
		5230	0.64	0.98	65.31	1.85	1.56
11AC20SISO	Ant0	5180	0.68	1.04	65.38	1.85	1.47
		5200	0.68	1.03	66.02	1.80	1.47
		5240	0.67	1.03	65.05	1.87	1.49
11AC40SISO	Ant0	5190	0.36	0.71	50.70	2.95	2.78
		5230	0.36	0.71	50.70	2.95	2.78
11AC80SISO	Ant0	5210	0.19	0.54	35.19	4.54	5.26
11AX20SISO	Ant0	5180	0.20	0.53	37.74	4.23	5.00
		5200	0.20	0.52	38.46	4.15	5.00
		5240	0.20	0.52	38.46	4.15	5.00
11AX40SISO	Ant0	5190	0.20	0.52	38.46	4.15	5.00
		5230	0.20	0.52	38.46	4.15	5.00
11AX80SISO	Ant0	5210	0.19	0.55	34.55	4.62	5.26

Test Graphs

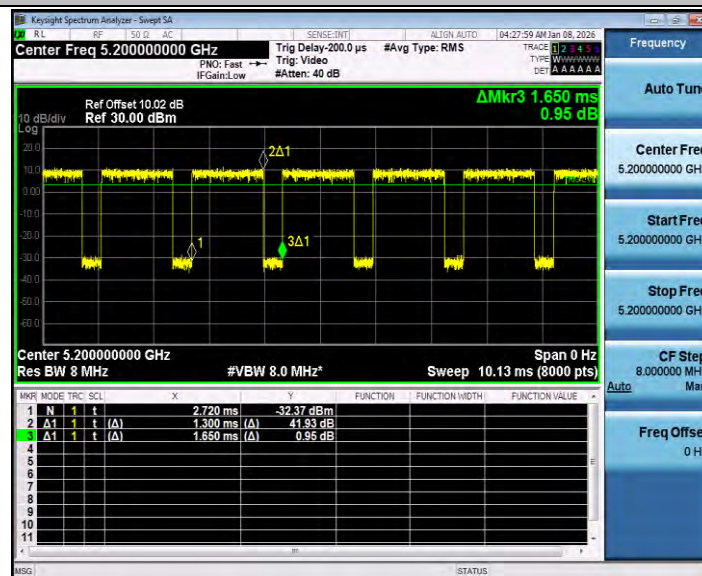




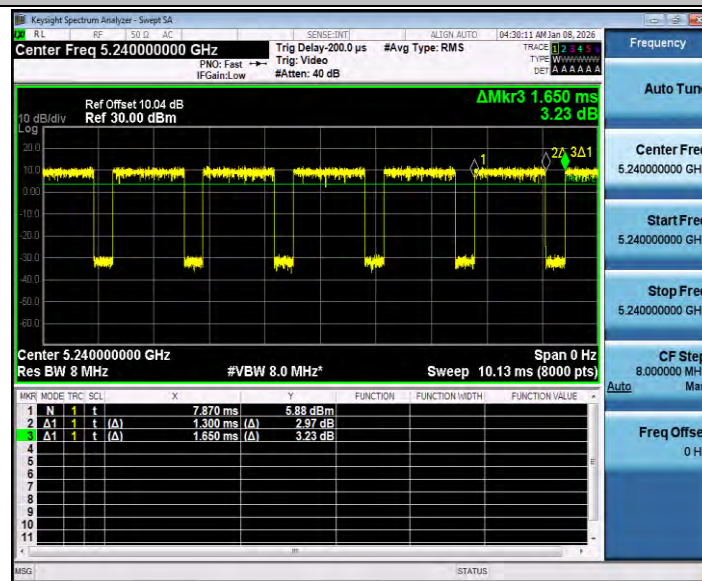
11N20SISO_Ant0_5180



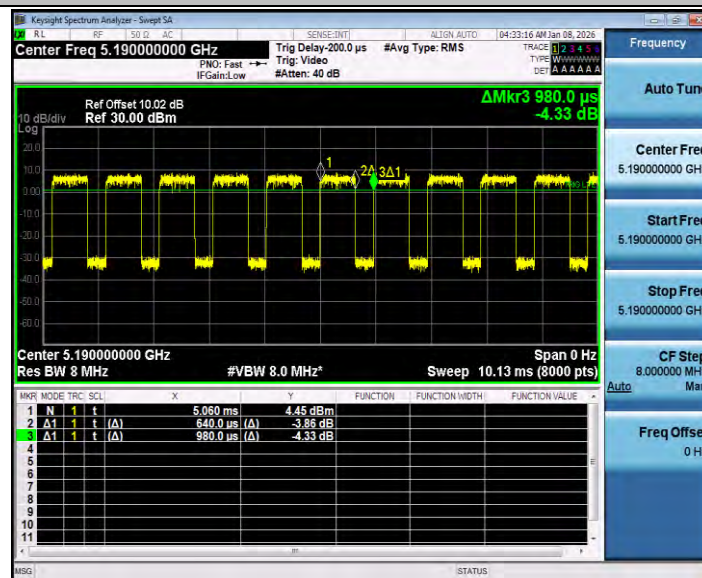
11N20SISO_Ant0_5200



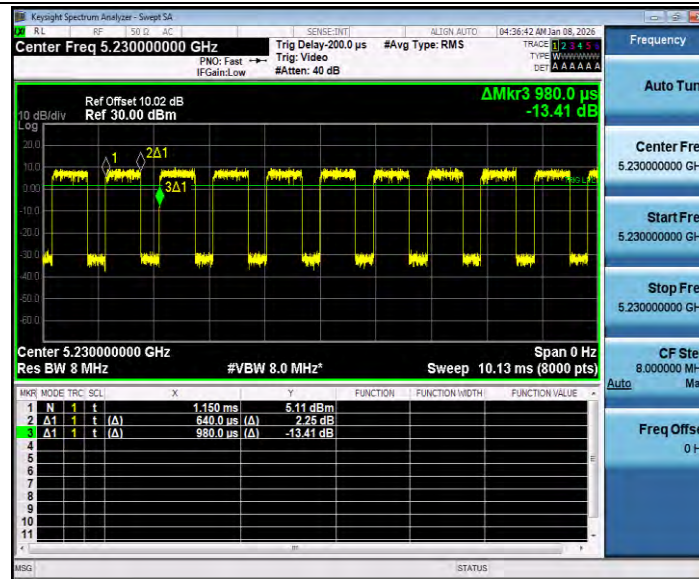
11N20SISO_Ant0_5240



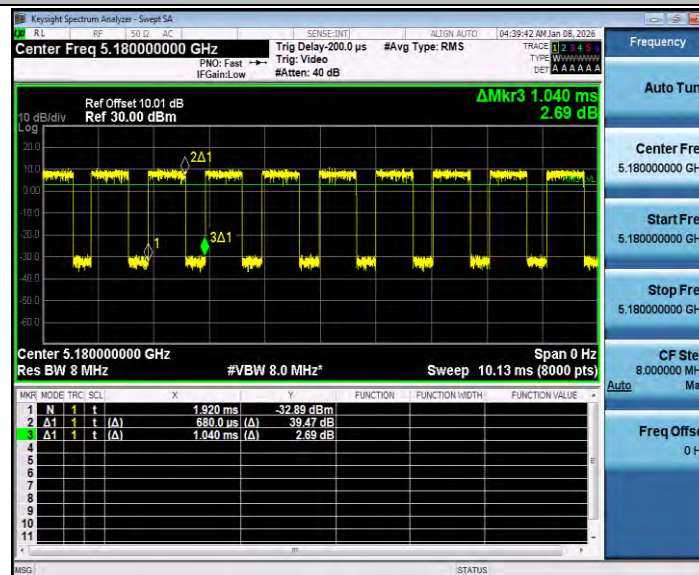
11N40SISO_Ant0_5190



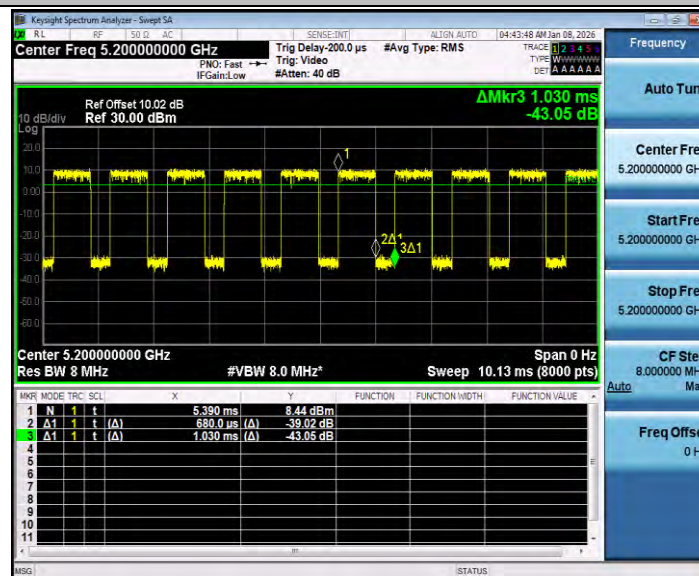
11N40SISO_Ant0_5230

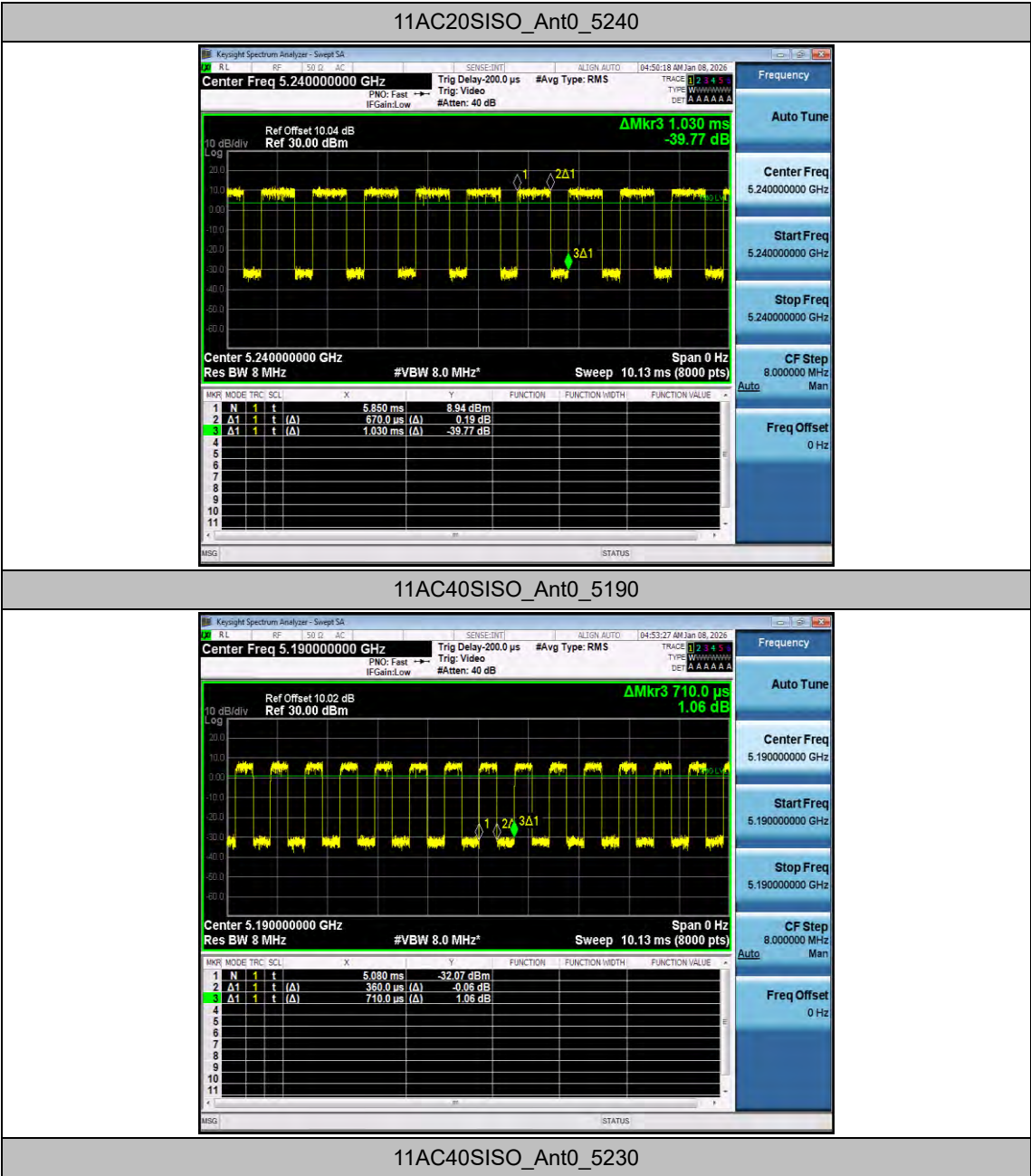


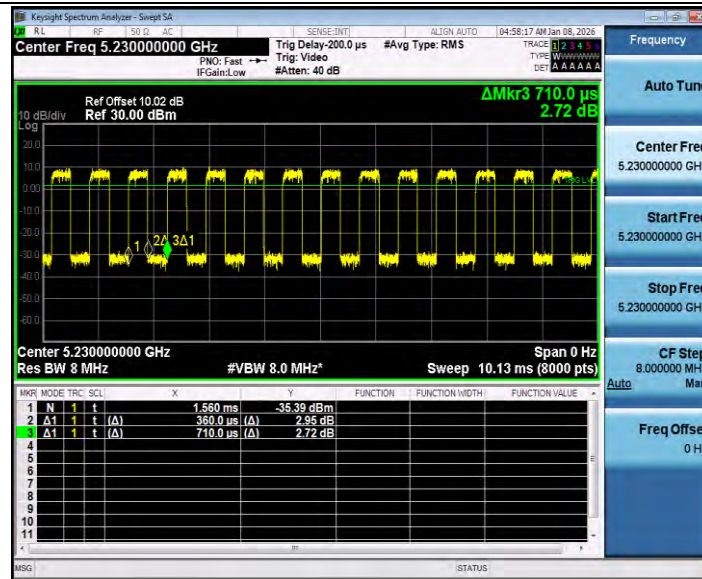
11AC20SISO_Ant0_5180



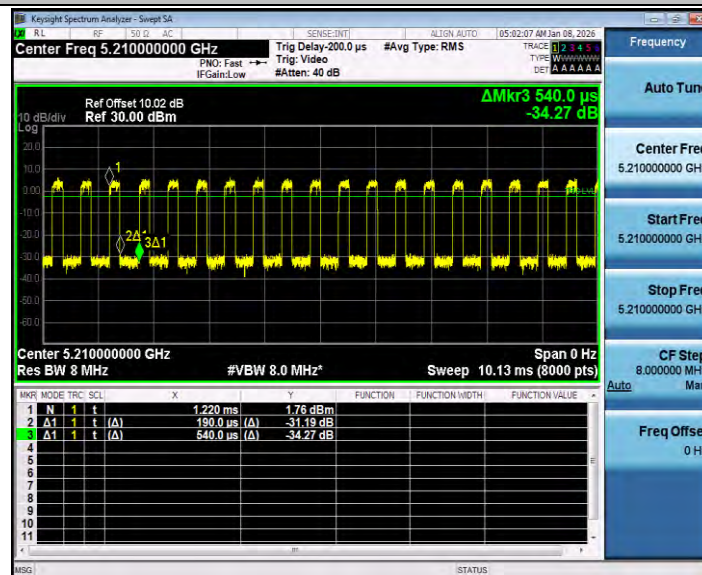
11AC20SISO_Ant0_5200



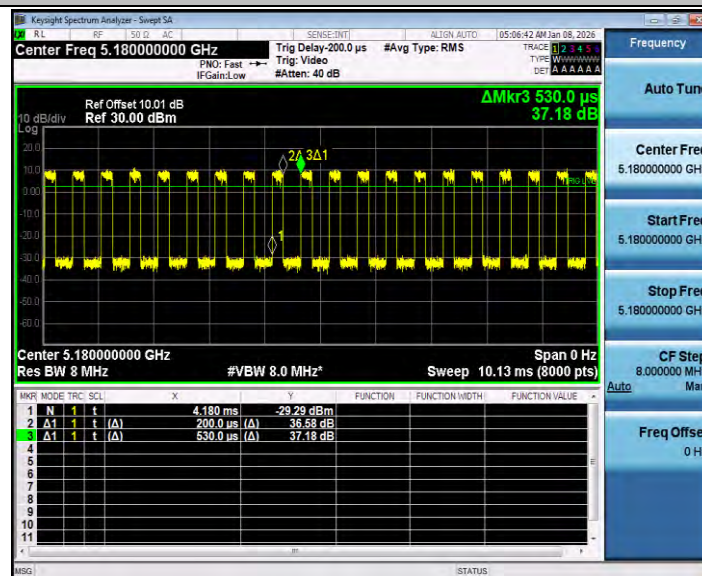




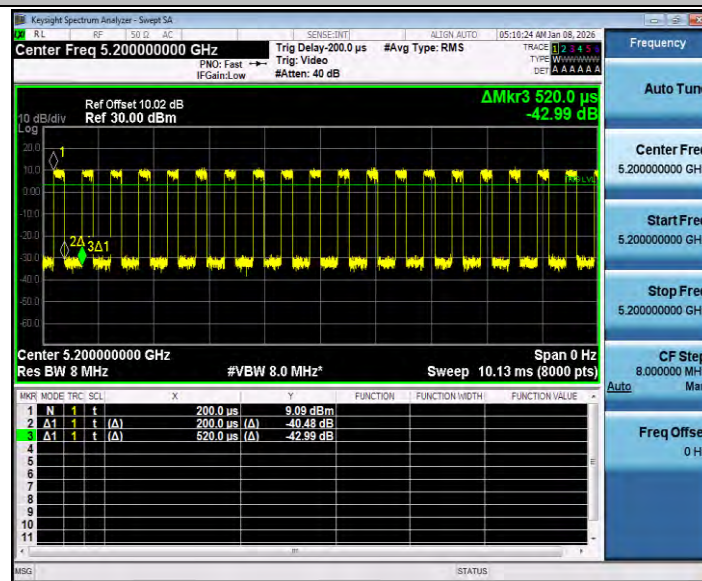
11AC80SISO_Ant0_5210



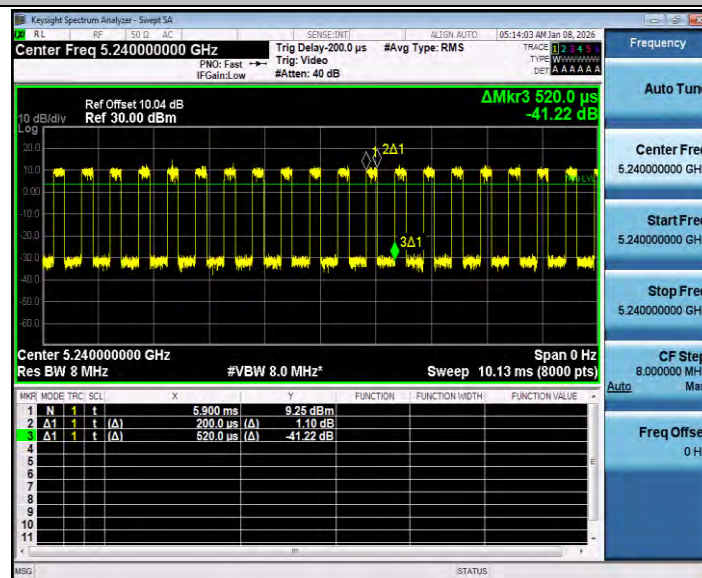
11AX20SISO_Ant0_5180



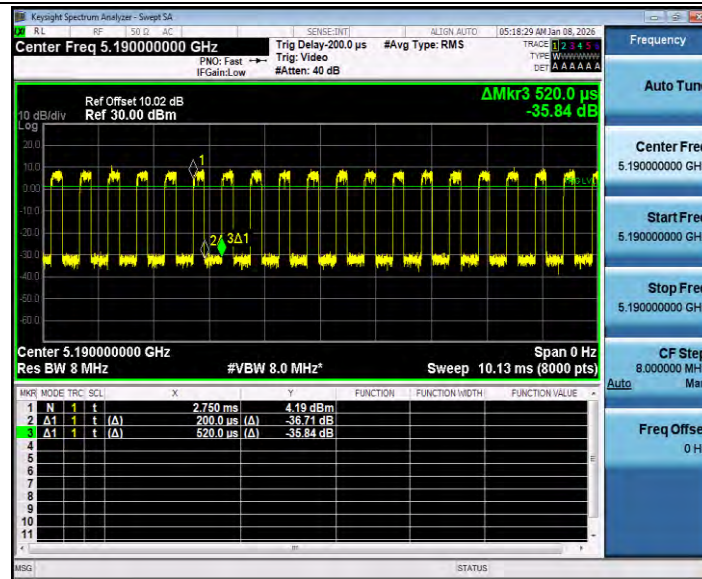
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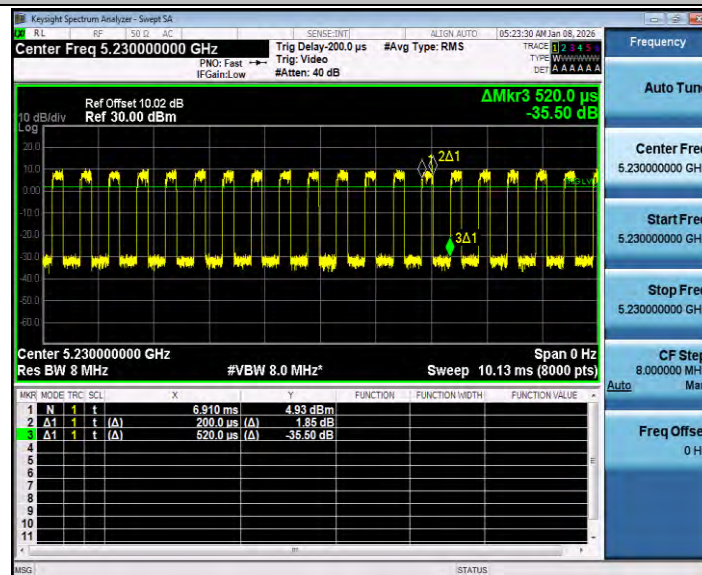
11AX20SISO_Ant0_5240



11AX40SISO_Ant0_5190



11AX40ISO_Ant0_5230



11AX80ISO_Ant0_5210

