

Case No. : <u>GTS20250225016-1-08</u>	
Ambient Condition: <u>22</u> °C, <u>54</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.4.22</u>	Test Engineer: <u>Evan ouyang</u>

Appendix B.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	20.000	5170.000	5190.000	---	---
		5200	20.160	5190.000	5210.160	---	---
		5240	20.200	5229.960	5250.160	---	---
11N20SISO	Ant0	5180	19.880	5170.040	5189.920	---	---
		5200	20.080	5189.920	5210.000	---	---
		5240	20.080	5230.040	5250.120	---	---
11N40SISO	Ant0	5190	40.560	5169.600	5210.160	---	---
		5230	40.880	5209.600	5250.480	---	---
11AC20SISO	Ant0	5180	20.160	5169.960	5190.120	---	---
		5200	20.200	5189.920	5210.120	---	---
		5240	20.360	5229.840	5250.200	---	---
11AC40SISO	Ant0	5190	40.560	5169.680	5210.240	---	---
		5230	40.720	5209.600	5250.320	---	---
11AC80SISO	Ant0	5210	81.440	5169.520	5250.960	---	---
11AX20SISO	Ant0	5180	20.200	5169.920	5190.120	---	---
		5200	20.280	5189.920	5210.200	---	---
		5240	20.160	5229.920	5250.080	---	---
11AX40SISO	Ant0	5190	40.480	5169.760	5210.240	---	---
		5230	41.440	5209.360	5250.800	---	---
11AX80SISO	Ant0	5210	81.600	5169.360	5250.960	---	---



11N20SISO_Ant0_5180



11N20SISO_Ant0_5200



11N20SISO_Ant0_5240



11N40SISO_Ant0_5190



11N40SISO_Ant0_5230



11AC20SISO_Ant0_5180



11AC20SISO_Ant0_5200



11AC20SISO_Ant0_5240



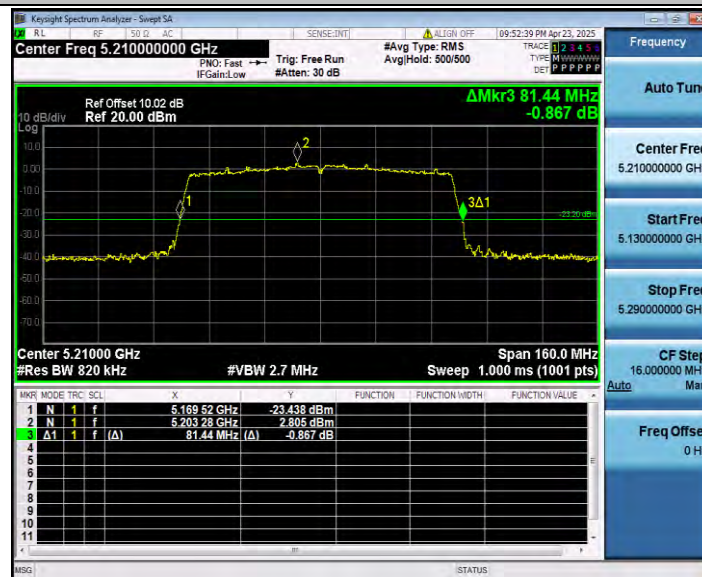
11AC40SISO_Ant0_5190



11AC40SISO_Ant0_5230



11AC80SISO_Ant0_5210



11AX20SISO_Ant0_5180



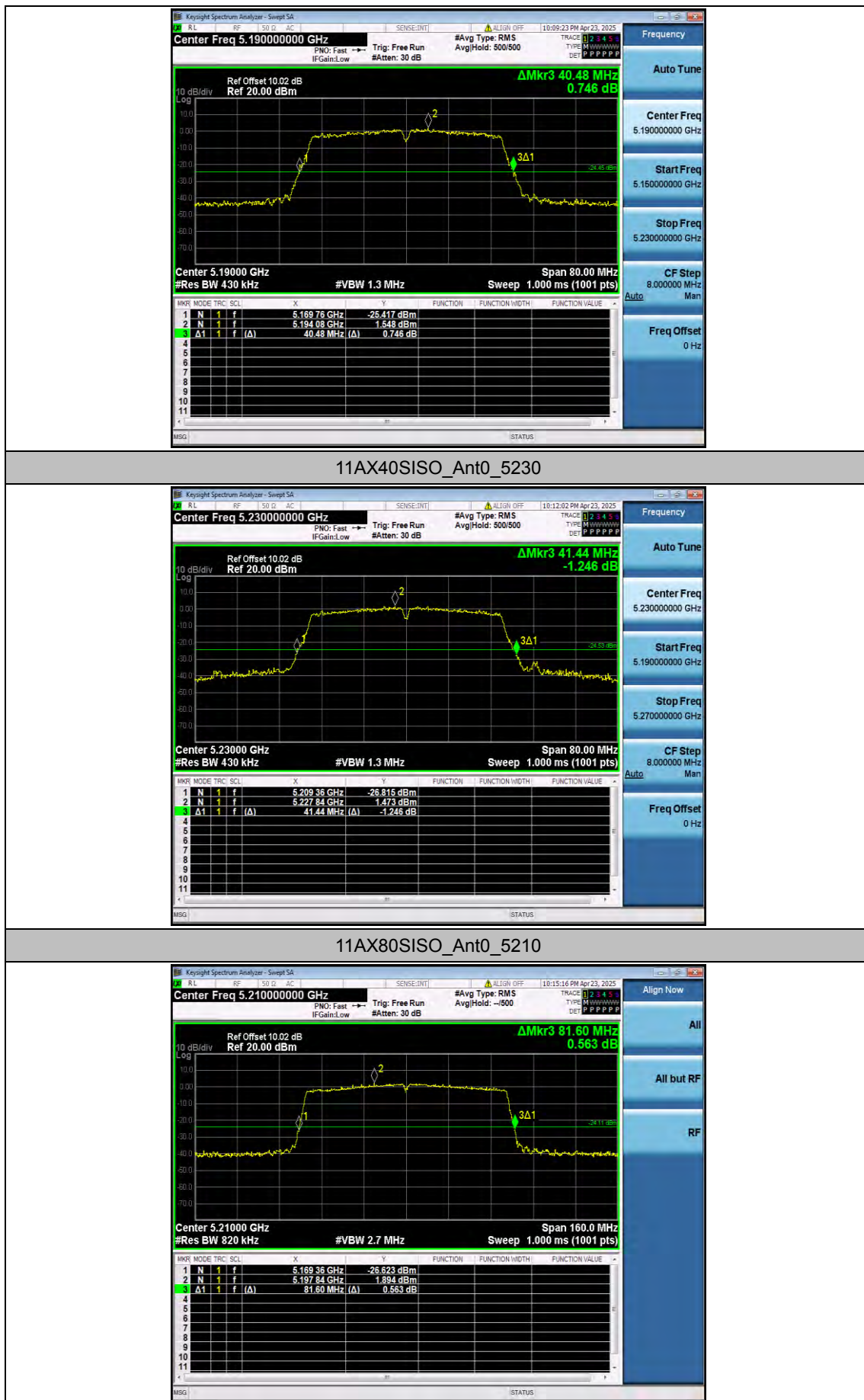
11AX20SISO_Ant0_5200



11AX20SISO_Ant0_5240



11AX40SISO_Ant0_5190

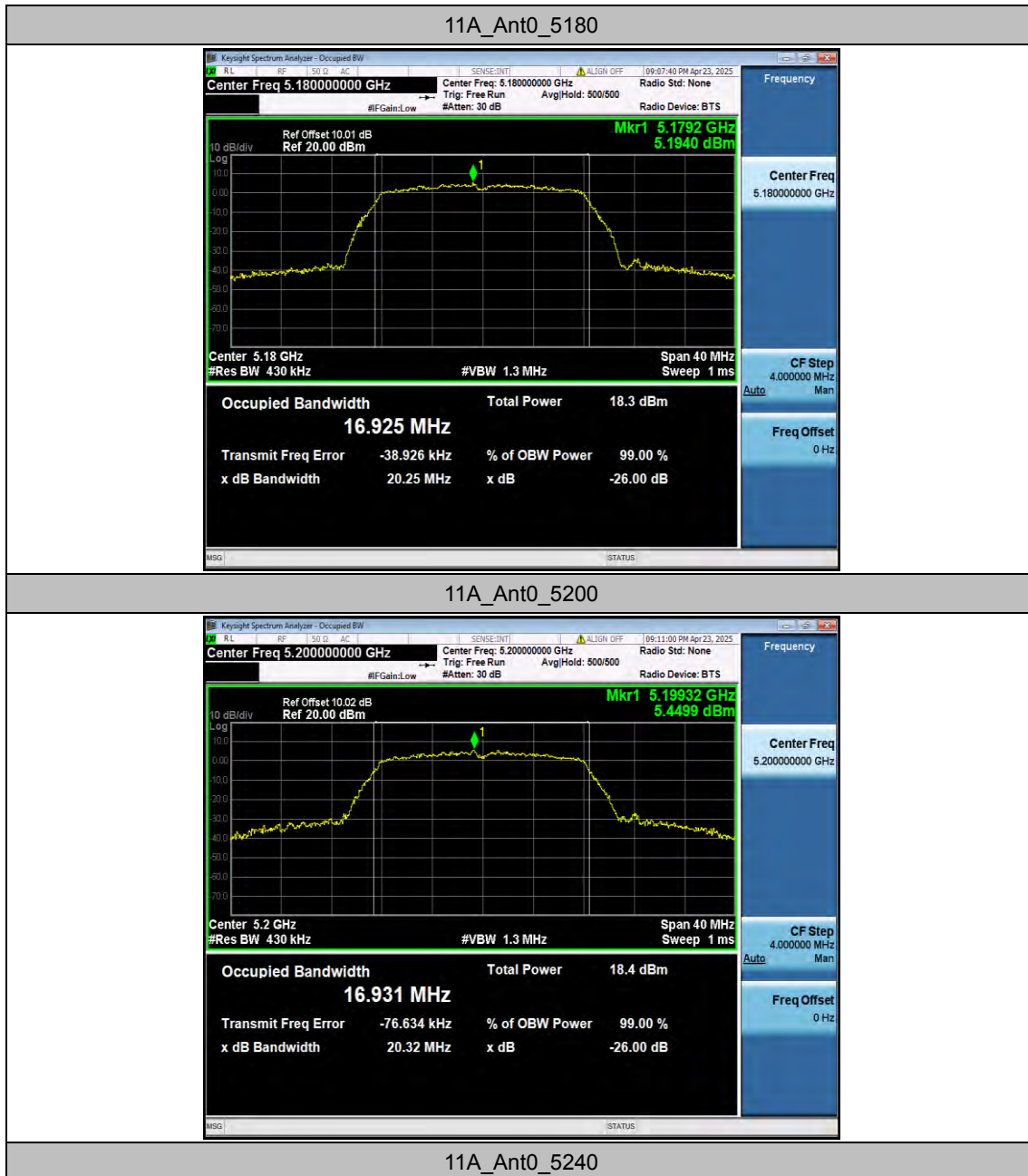


Appendix B.2: Occupied channel bandwidth

Test Result

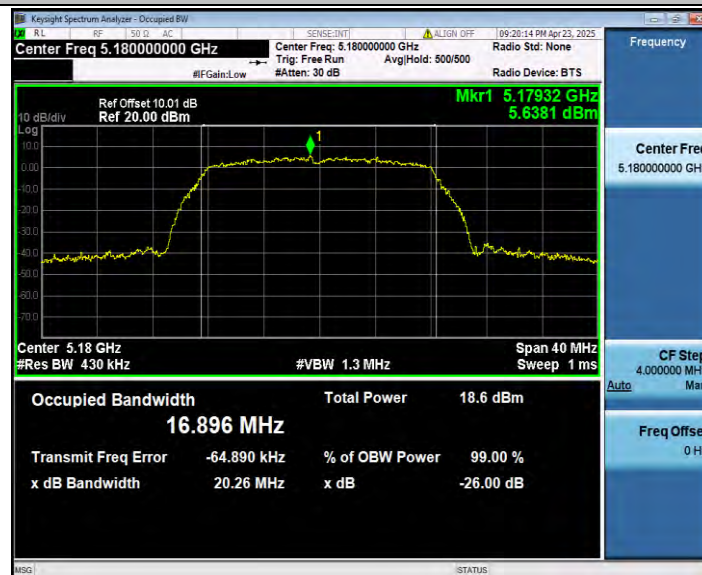
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	16.925	5171.4986	5188.4236	---	---
		5200	16.931	5191.4579	5208.3889	---	---
		5240	16.920	5231.4618	5248.3818	---	---
11N20SISO	Ant0	5180	16.896	5171.4871	5188.3831	---	---
		5200	16.965	5191.4803	5208.4453	---	---
		5240	16.932	5231.4438	5248.3758	---	---
11N40SISO	Ant0	5190	36.128	5171.9480	5208.0760	---	---
		5230	36.186	5211.8618	5248.0478	---	---
11AC20SISO	Ant0	5180	17.838	5171.0760	5188.9140	---	---
		5200	17.835	5191.0569	5208.8919	---	---
		5240	17.830	5231.0510	5248.8810	---	---
11AC40SISO	Ant0	5190	36.113	5171.9606	5208.0736	---	---
		5230	36.152	5211.8670	5248.0190	---	---
11AC80SISO	Ant0	5210	75.356	5172.3114	5247.6674	---	---
11AX20SISO	Ant0	5180	17.833	5171.0715	5188.9045	---	---
		5200	17.835	5191.0658	5208.9008	---	---
		5240	17.809	5231.0656	5248.8746	---	---
11AX40SISO	Ant0	5190	36.273	5171.8971	5208.1701	---	---
		5230	36.281	5211.8314	5248.1124	---	---
11AX80SISO	Ant0	5210	75.360	5172.3649	5247.7249	---	---

Test Graphs

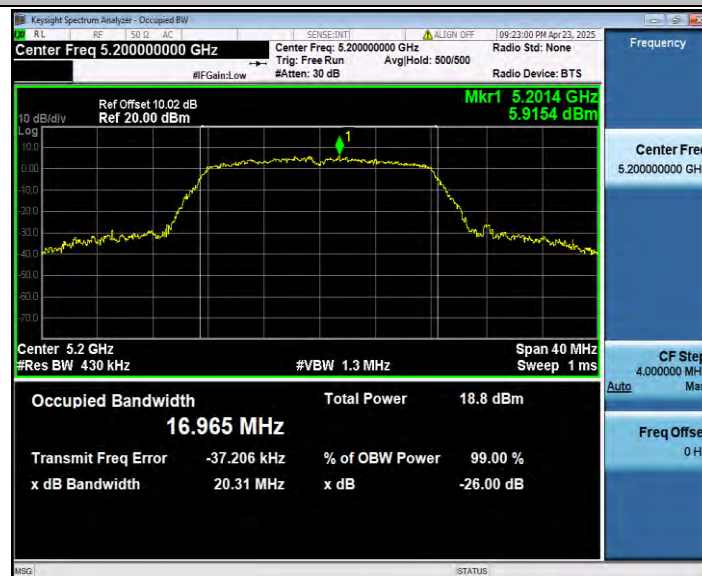




11N20SISO_Ant0_5180



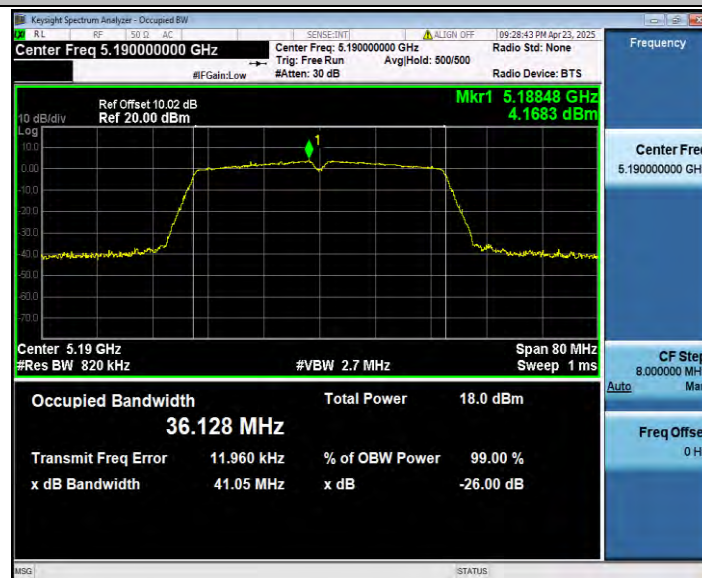
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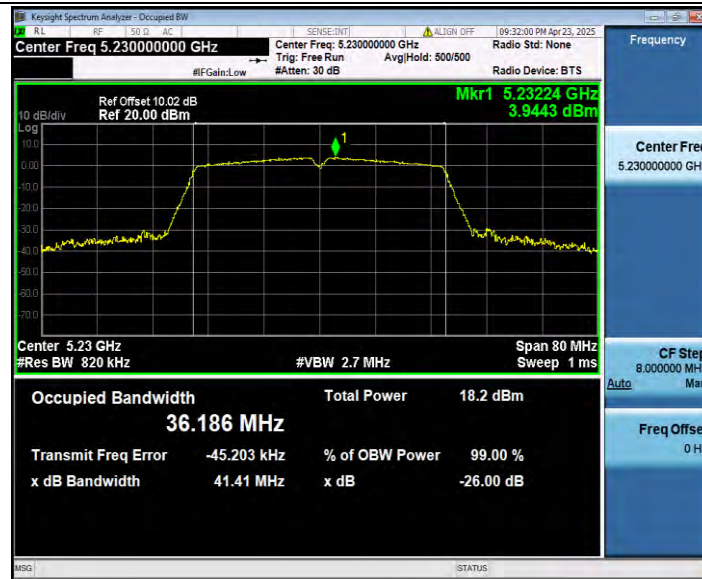
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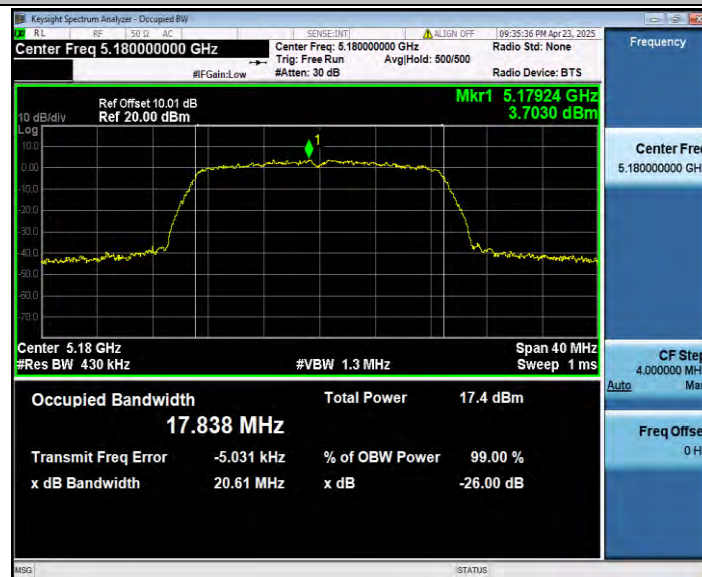
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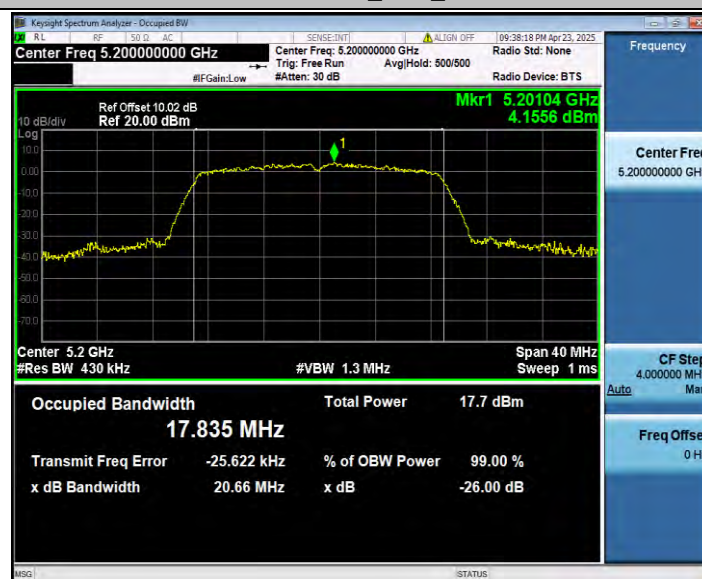
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11AC20SISO_Ant0_5180



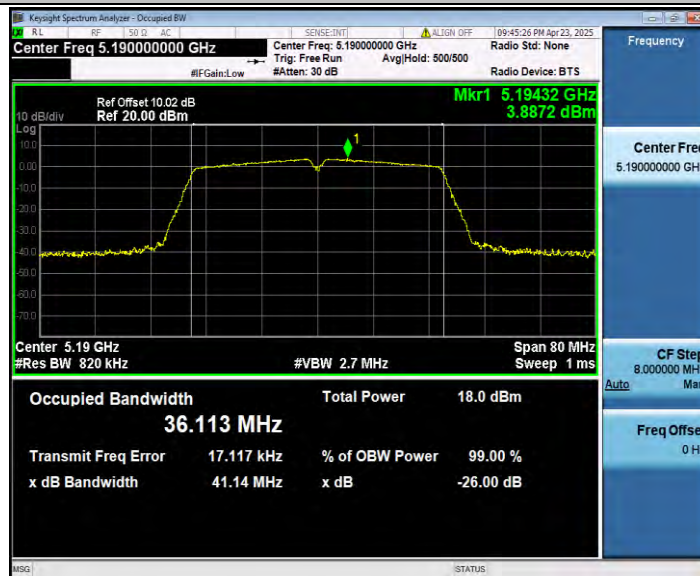
11AC20SISO_Ant0_5200



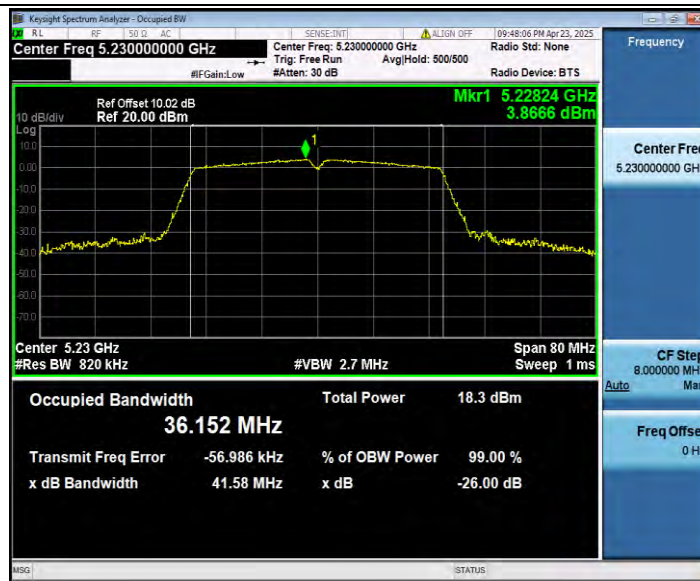
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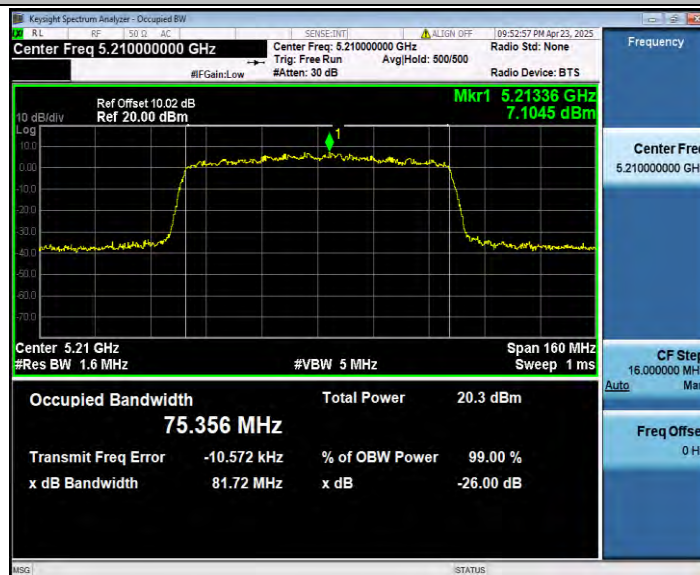
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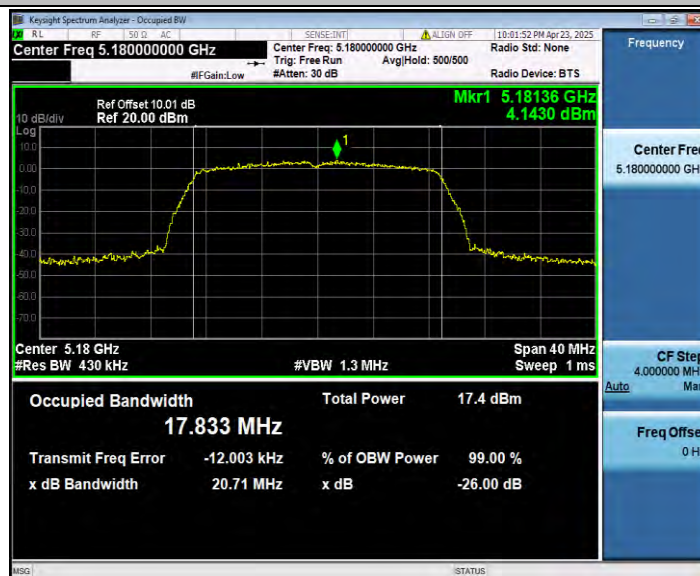
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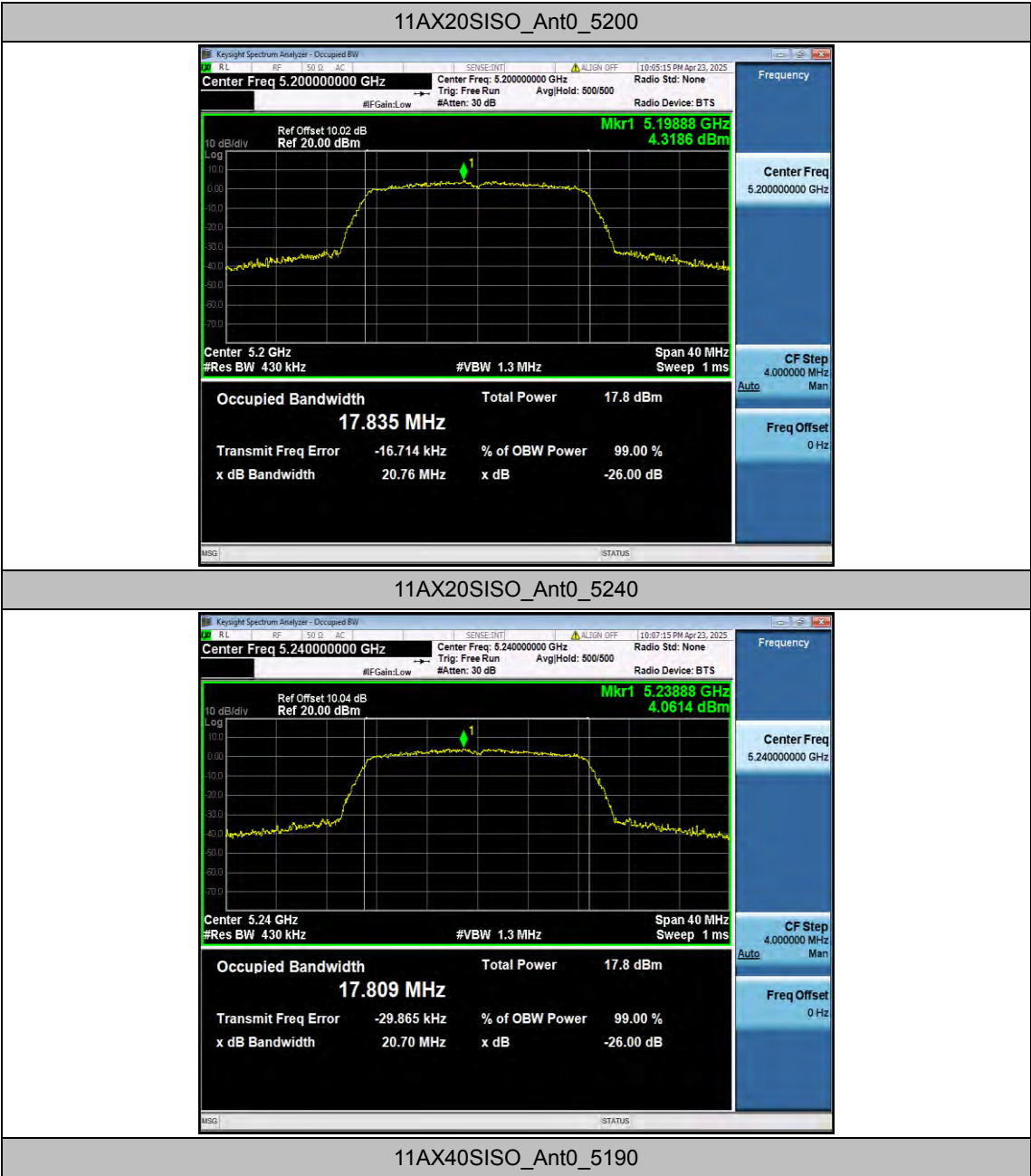


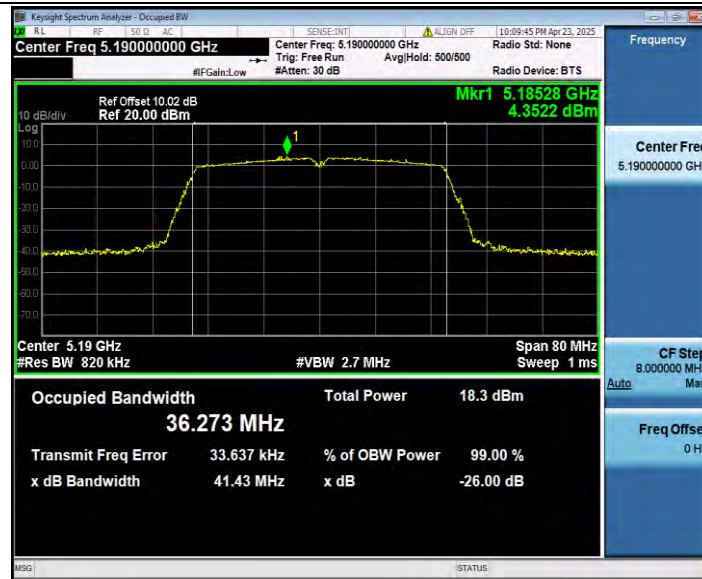
11AC80SISO_Ant0_5210



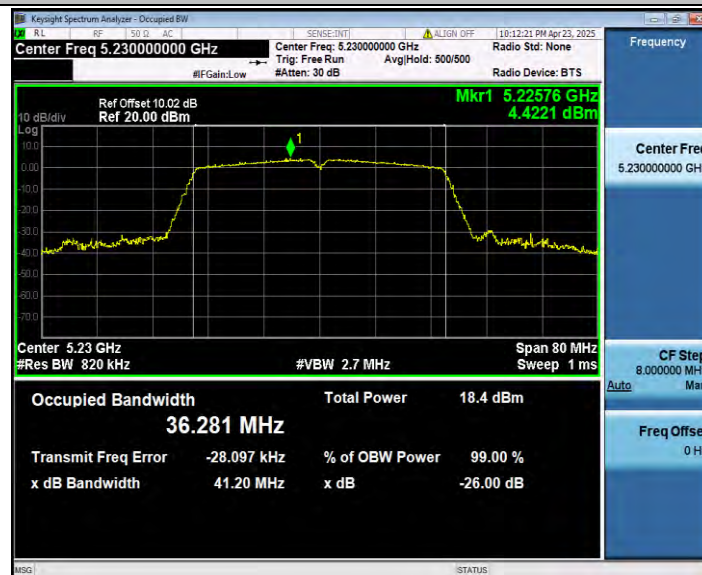
11AX20SISO_Ant0_5180



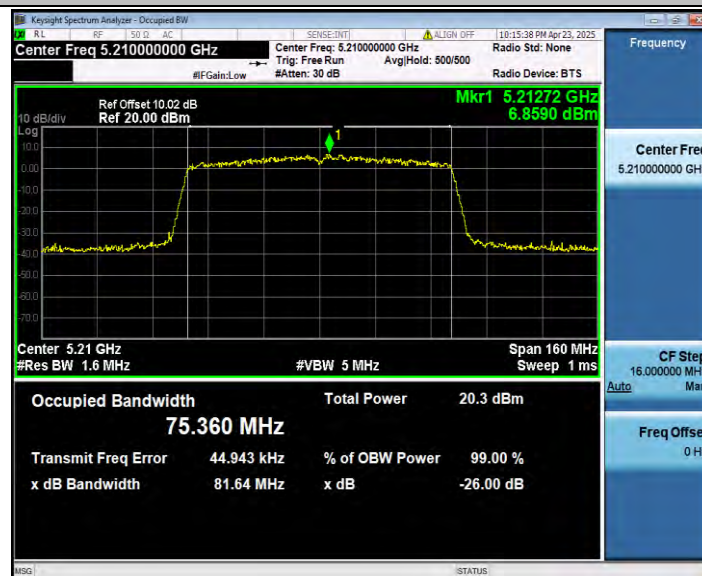




11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210

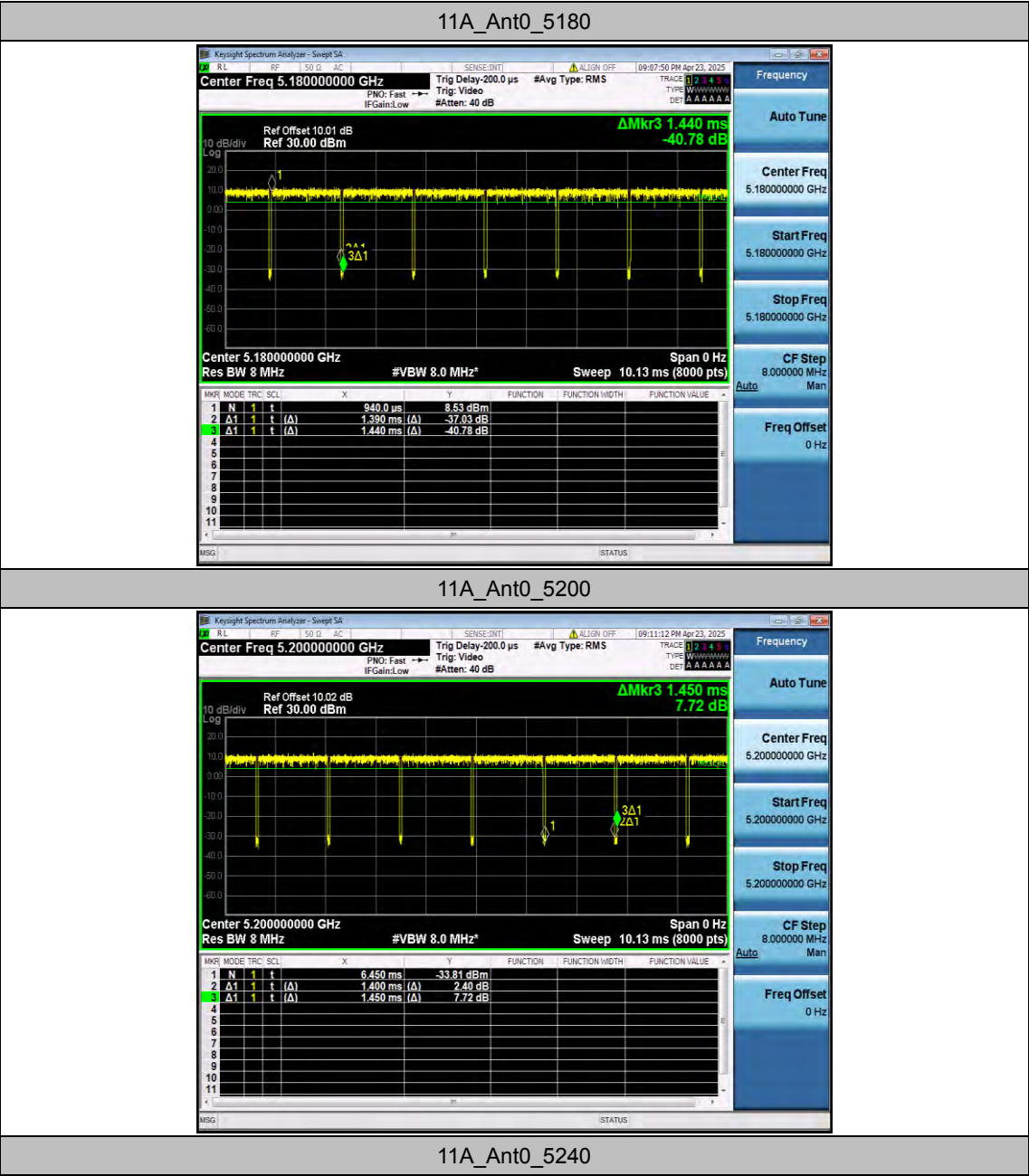


Appendix B. 3: Duty Cycle

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	1.44	96.53	0.15	0.72
		5200	1.40	1.45	96.55	0.15	0.71
		5240	1.39	1.45	95.86	0.18	0.72
11N20SISO	Ant0	5180	1.39	1.45	95.86	0.18	0.72
		5200	1.39	1.45	95.86	0.18	0.72
		5240	1.39	1.45	95.86	0.18	0.72
11N40SISO	Ant0	5190	0.65	0.70	92.86	0.32	1.54
		5230	0.65	0.71	91.55	0.38	1.54
11AC20SISO	Ant0	5180	1.31	1.37	95.62	0.19	0.76
		5200	1.31	1.37	95.62	0.19	0.76
		5240	1.31	1.36	96.32	0.16	0.76
11AC40SISO	Ant0	5190	0.65	0.71	91.55	0.38	1.54
		5230	0.66	0.71	92.96	0.32	1.52
11AC80SISO	Ant0	5210	0.32	0.38	84.21	0.75	3.13
11AX20SISO	Ant0	5180	1.31	1.36	96.32	0.16	0.76
		5200	1.31	1.36	96.32	0.16	0.76
		5240	1.31	1.36	96.32	0.16	0.76
11AX40SISO	Ant0	5190	0.65	0.71	91.55	0.38	1.54
		5230	0.65	0.70	92.86	0.32	1.54
11AX80SISO	Ant0	5210	0.33	0.38	86.84	0.61	3.03

Test Graphs



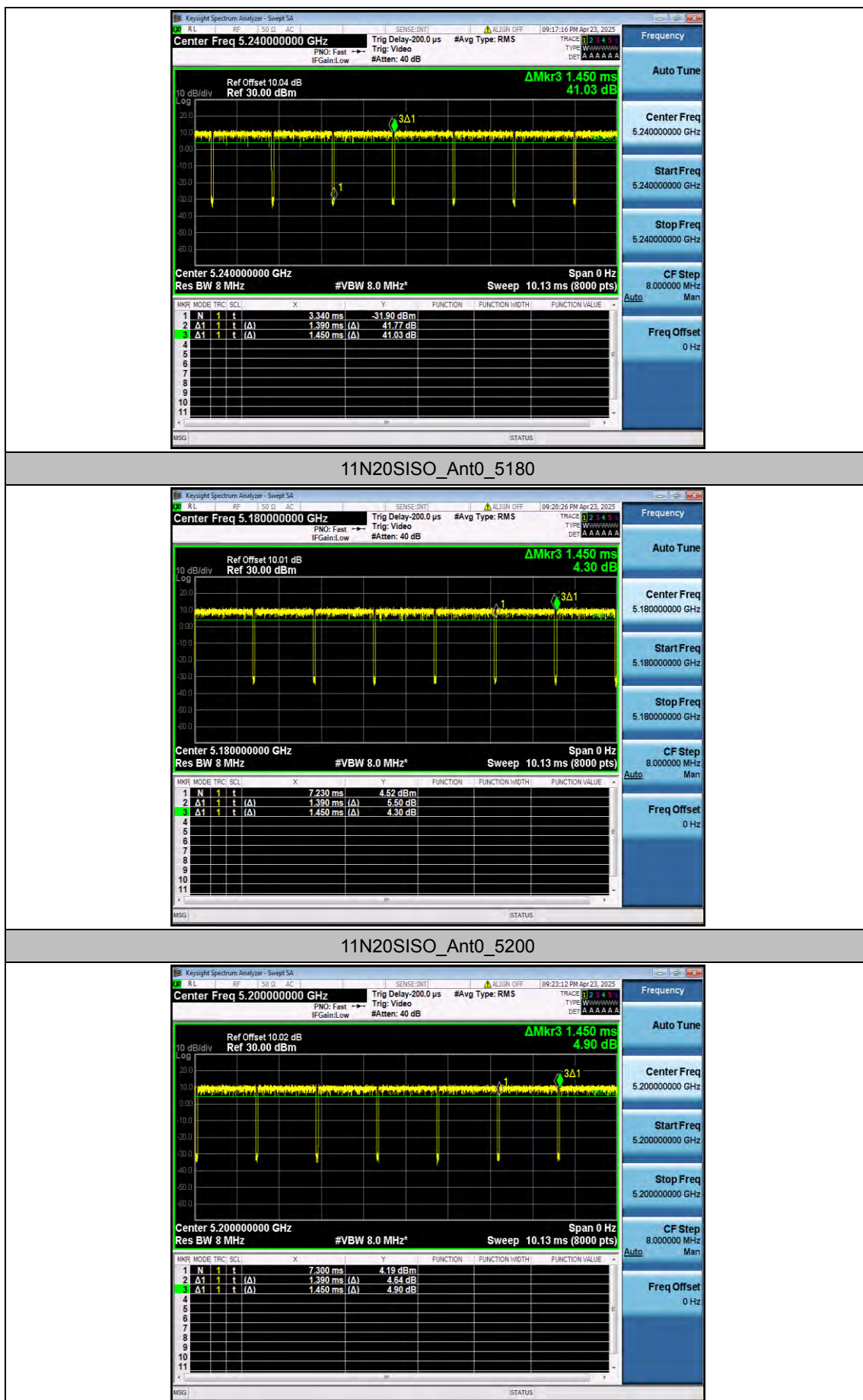
11A_Ant0_5200

Frequency

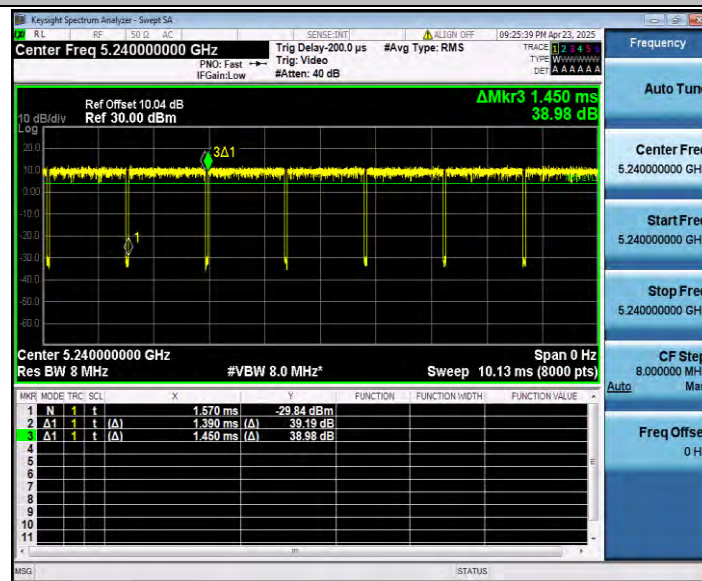
Auto Tune

Center Freq
5.200000000 GHzStart Freq
5.200000000 GHzStop Freq
5.200000000 GHzCF Step
8.0000000 MHz
Auto ManFreq Offset
0 Hz

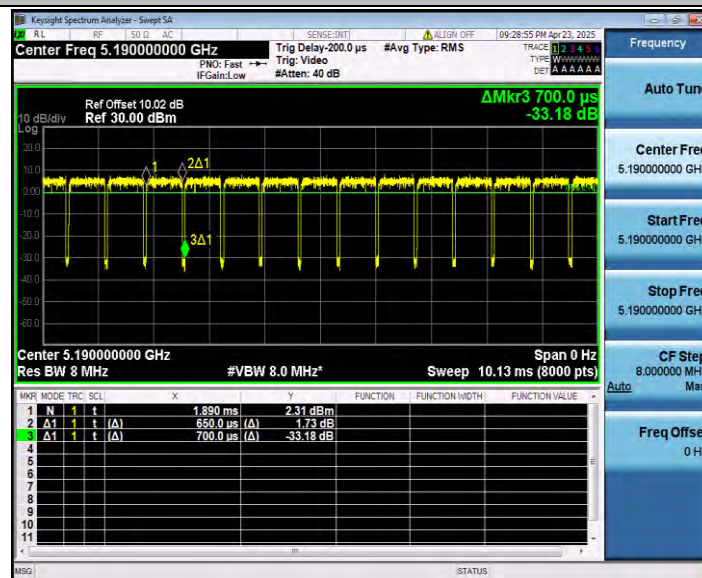
11A_Ant0_5240



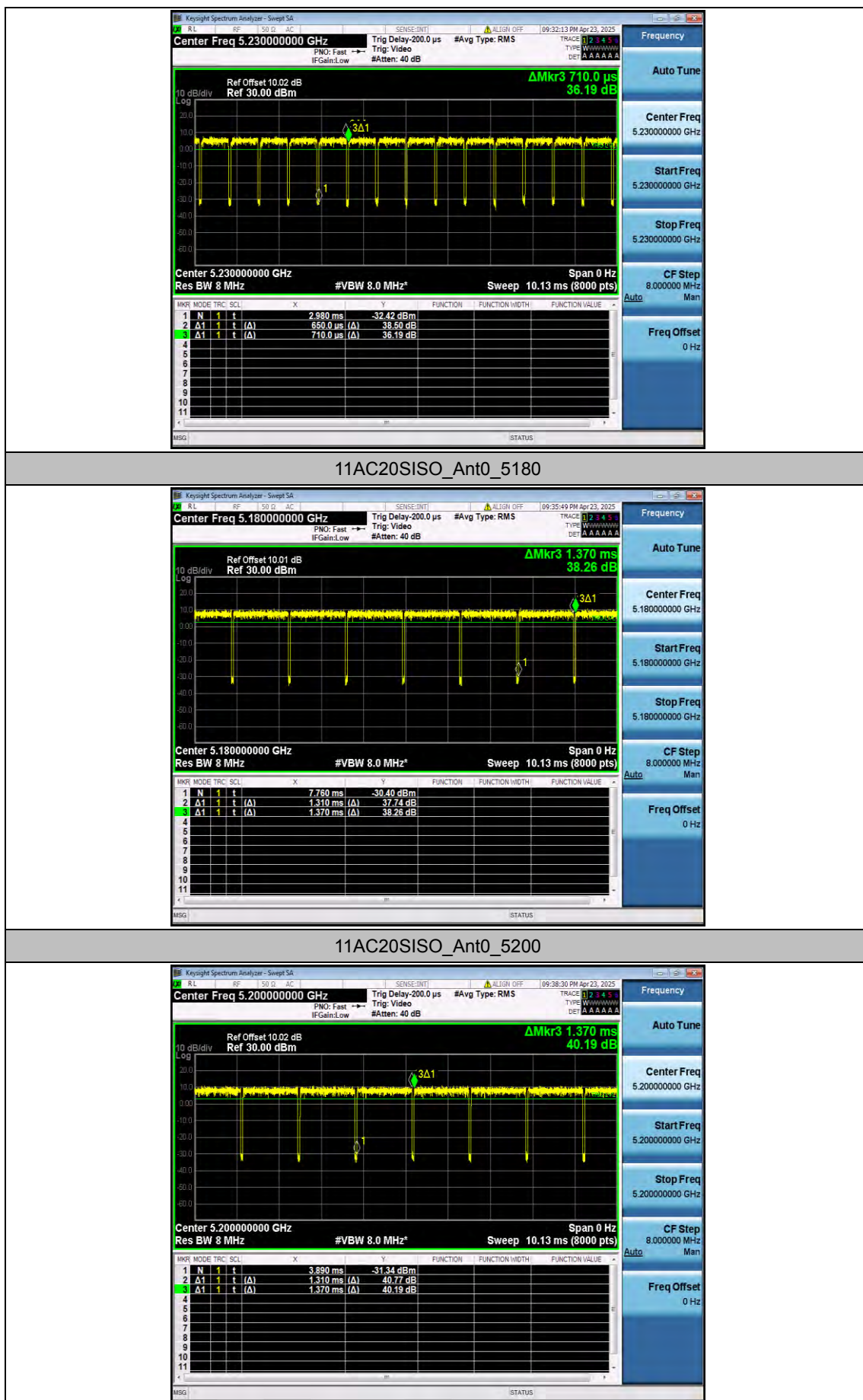
11N20SISO_Ant0_5240



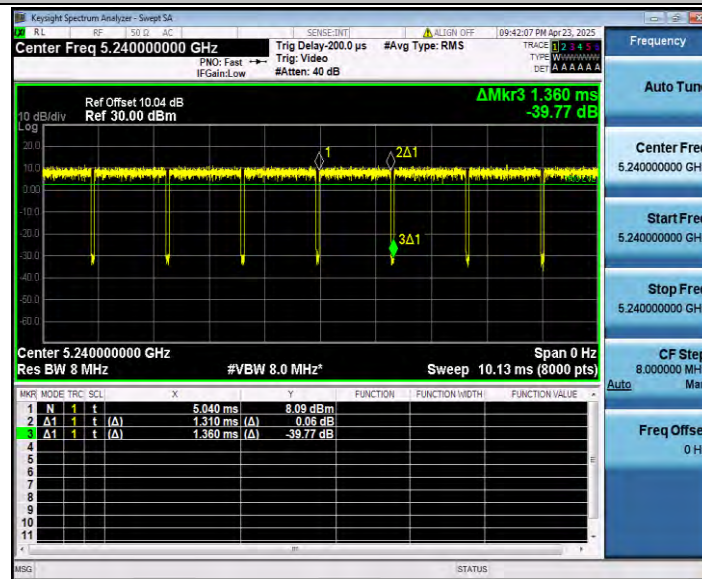
11N40SISO_Ant0_5190



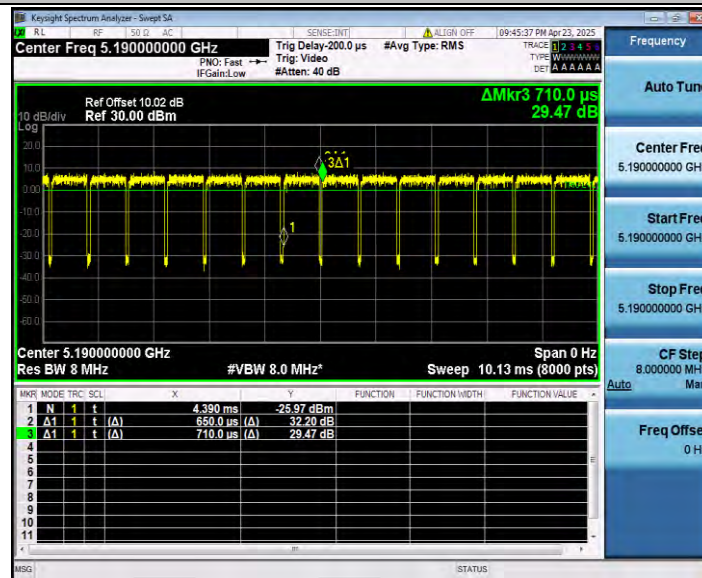
11N40SISO_Ant0_5230



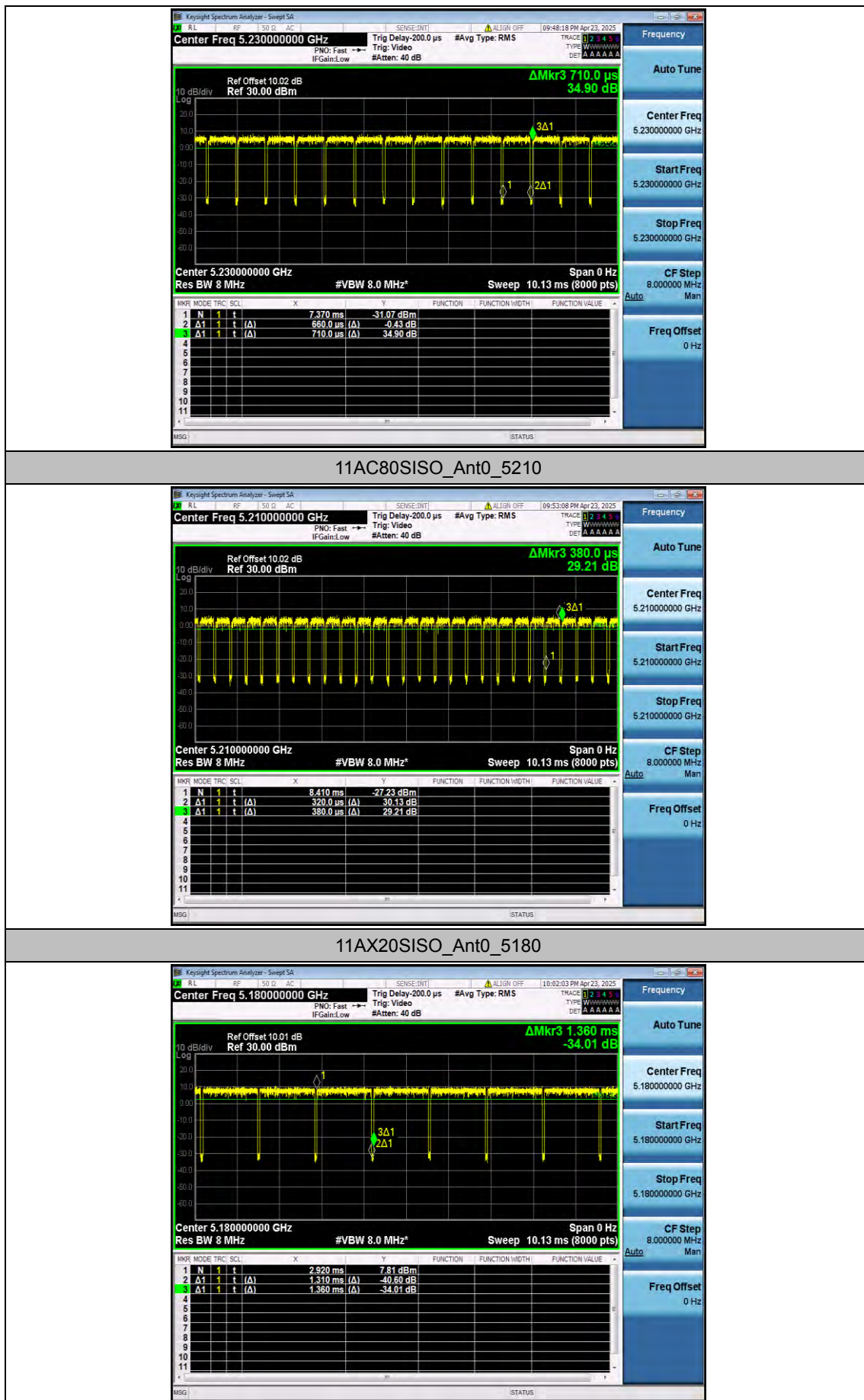
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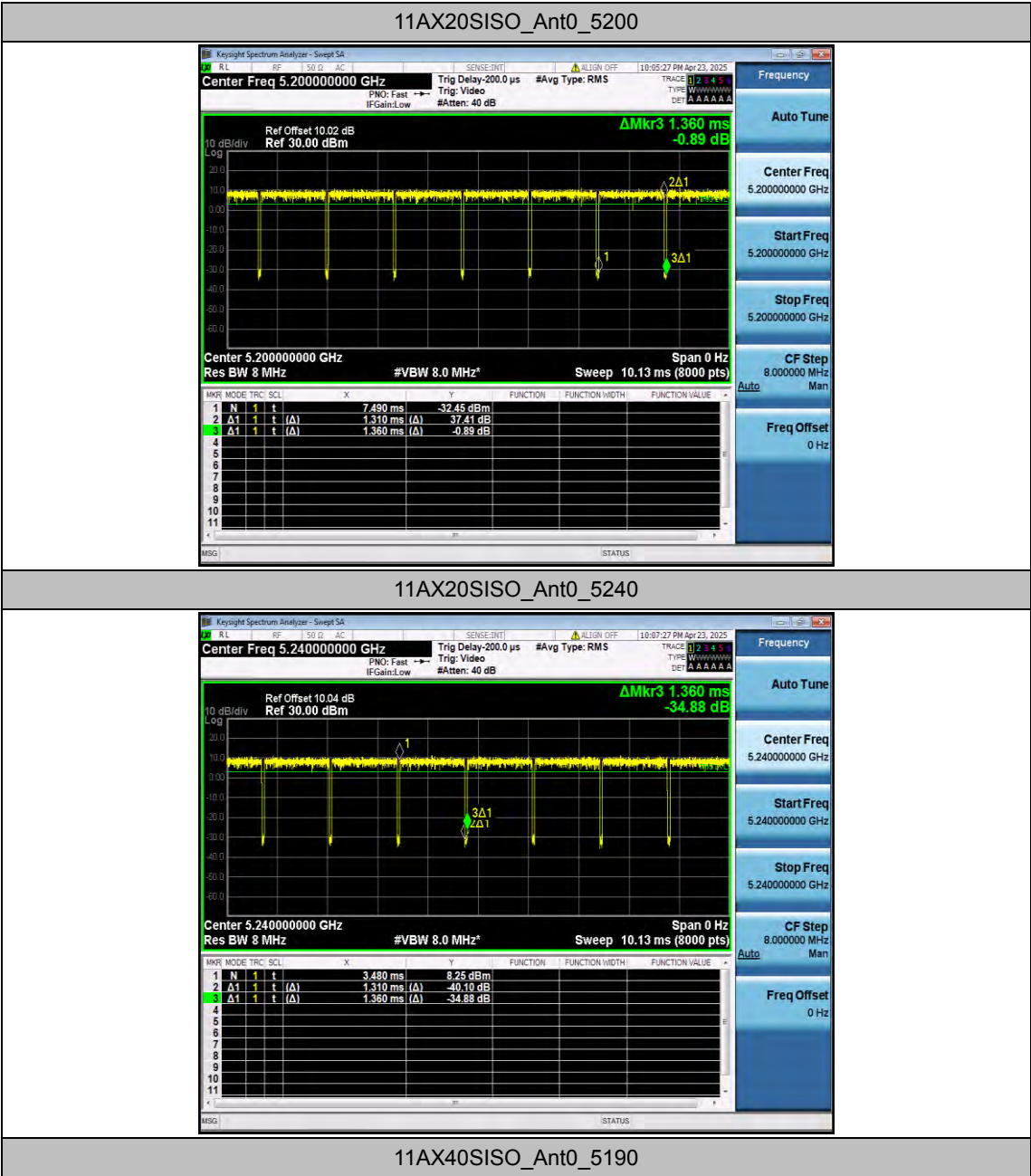


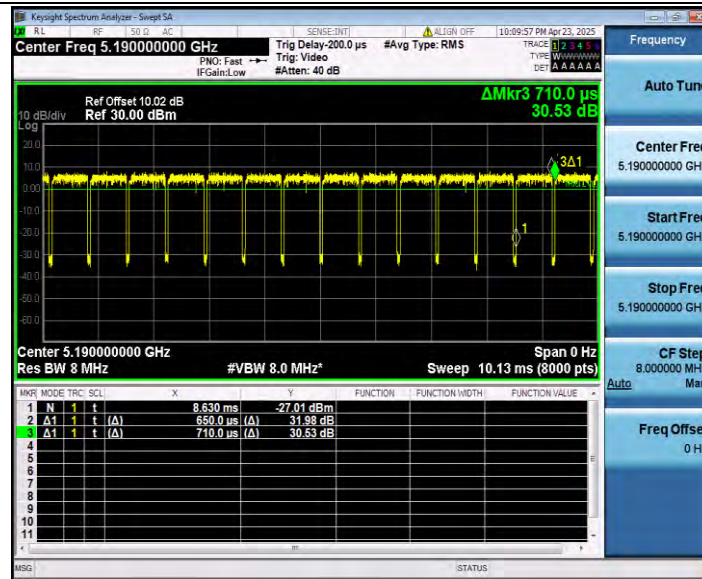
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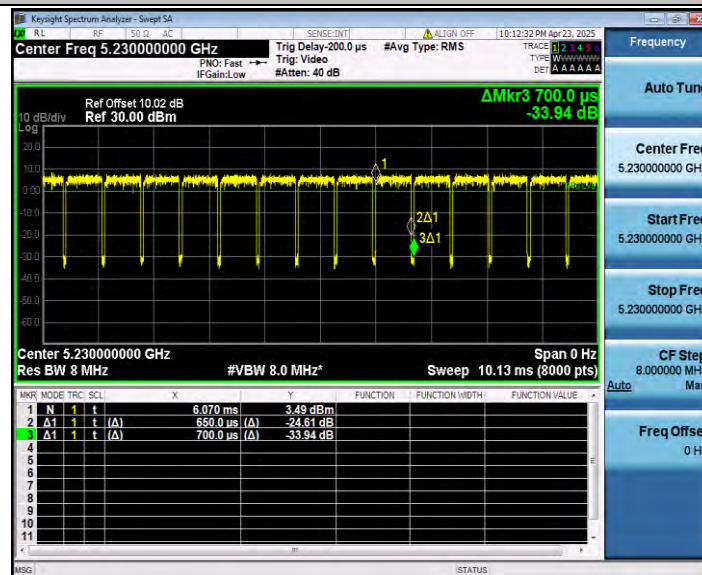
11AC40SISO_Ant0_5230







11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210

