

Case No. : <u>GTS20250225016-1-08</u>	
Ambient Condition: <u>22</u> °C, <u>48</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.4.24</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	Ant1	5180	19.920	5170.040	5189.960	---	---
		5200	19.920	5190.040	5209.960	---	---
		5240	20.200	5229.920	5250.120	---	---
11N20SISO	Ant1	5180	19.960	5170.040	5190.000	---	---
		5200	20.160	5189.960	5210.120	---	---
		5240	20.200	5229.920	5250.120	---	---
11N40SISO	Ant1	5190	40.480	5169.680	5210.160	---	---
		5230	40.800	5209.680	5250.480	---	---
11AC20SISO	Ant1	5180	20.280	5169.840	5190.120	---	---
		5200	20.200	5189.920	5210.120	---	---
		5240	20.200	5229.920	5250.120	---	---
11AC40SISO	Ant1	5190	40.320	5169.920	5210.240	---	---
		5230	40.560	5209.680	5250.240	---	---
11AC80SISO	Ant1	5210	80.800	5169.680	5250.480	---	---
11AX20SISO	Ant1	5180	20.200	5169.880	5190.080	---	---
		5200	20.320	5189.840	5210.160	---	---
		5240	20.520	5229.600	5250.120	---	---
11AX40SISO	Ant1	5190	40.960	5169.520	5210.480	---	---
		5230	40.800	5209.520	5250.320	---	---
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



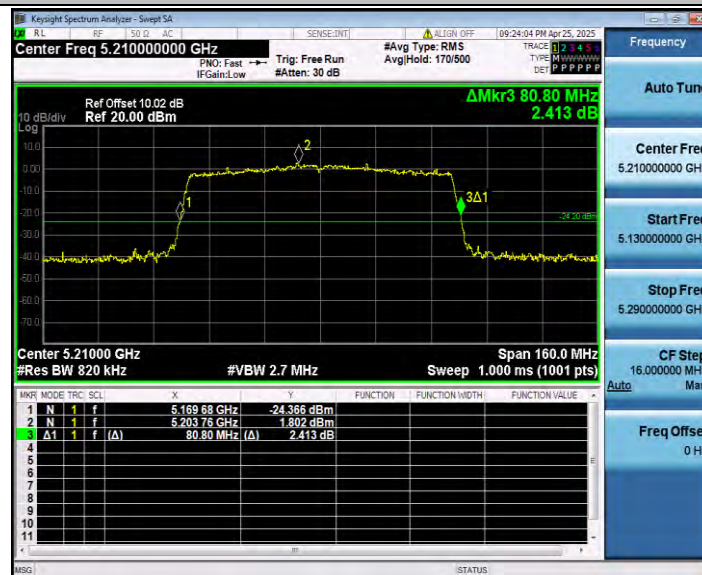
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



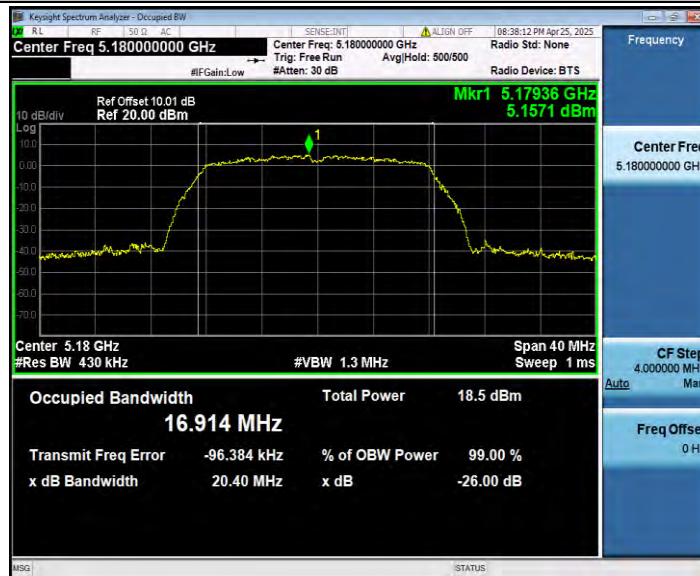
Appendix B.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.914	5171.4466	5188.3606	---	---
		5200	16.976	5191.4475	5208.4235	---	---
		5240	16.957	5231.4358	5248.3928	---	---
11N20SISO	Ant1	5180	16.928	5171.4828	5188.4108	---	---
		5200	16.964	5191.4619	5208.4259	---	---
		5240	16.988	5231.4163	5248.4043	---	---
11N40SISO	Ant1	5190	36.132	5171.9357	5208.0677	---	---
		5230	36.191	5211.8647	5248.0557	---	---
11AC20SISO	Ant1	5180	17.818	5171.0787	5188.8967	---	---
		5200	17.842	5191.0520	5208.8940	---	---
		5240	17.881	5231.0299	5248.9109	---	---
11AC40SISO	Ant1	5190	36.099	5171.9420	5208.0410	---	---
		5230	36.101	5211.8986	5247.9996	---	---
11AC80SISO	Ant1	5210	75.369	5172.3404	5247.7094	---	---
11AX20SISO	Ant1	5180	17.794	5171.0931	5188.8871	---	---
		5200	17.840	5191.0603	5208.9003	---	---
		5240	17.859	5231.0482	5248.9072	---	---
11AX40SISO	Ant1	5190	36.223	5171.8929	5208.1159	---	---
		5230	36.362	5211.7638	5248.1258	---	---
11AX80SISO	Ant1	5210	75.303	5172.4130	5247.7160	---	---

Test Graphs

11A_Ant1_5180



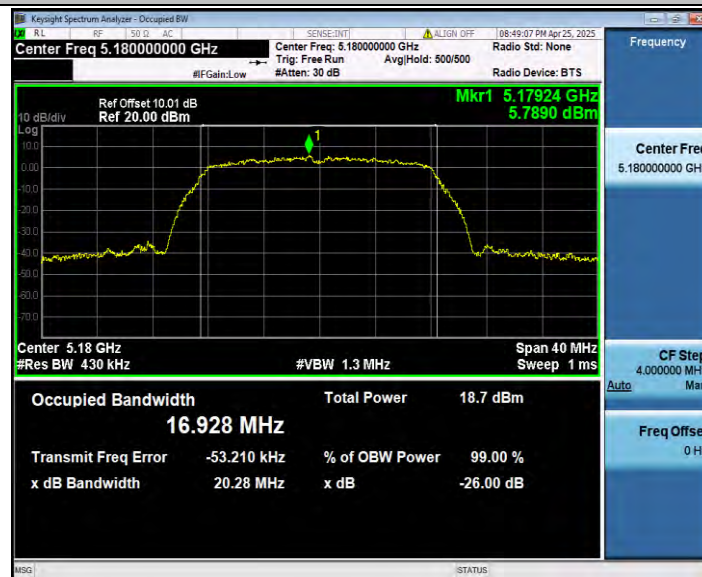
11A_Ant1_5200



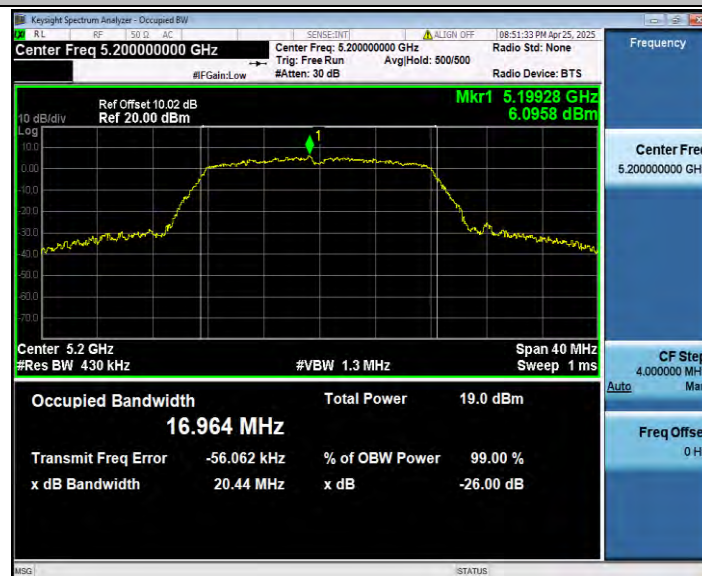
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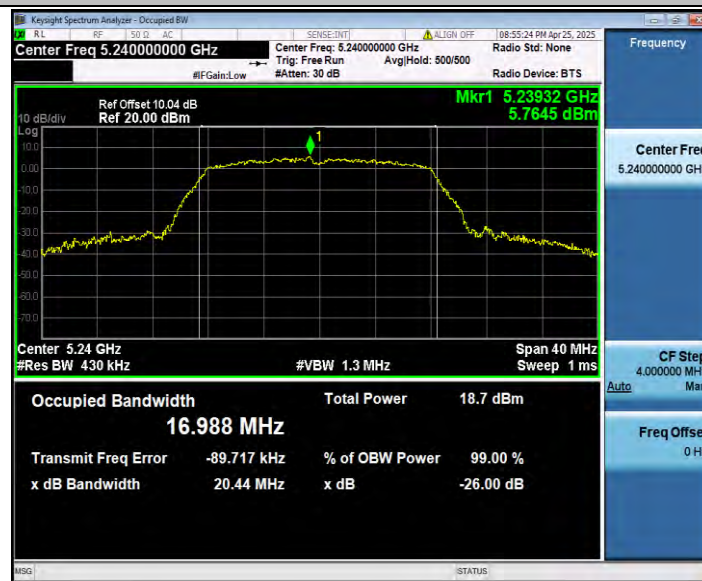
11N20SISO_Ant1_5180



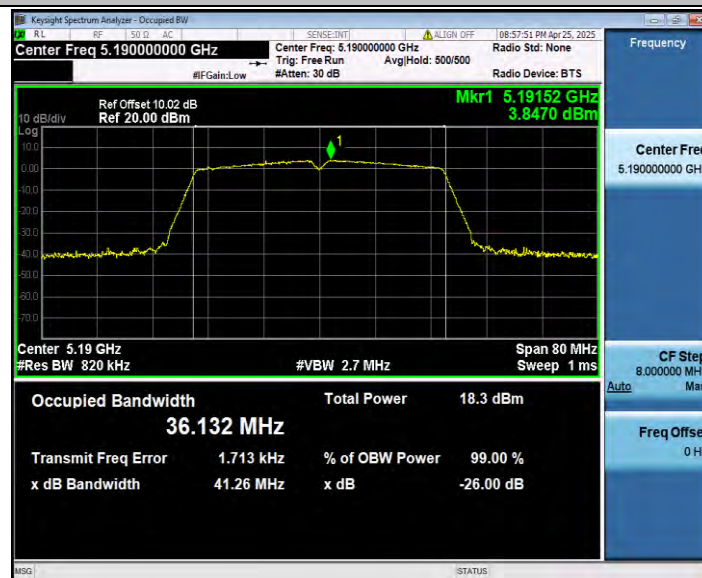
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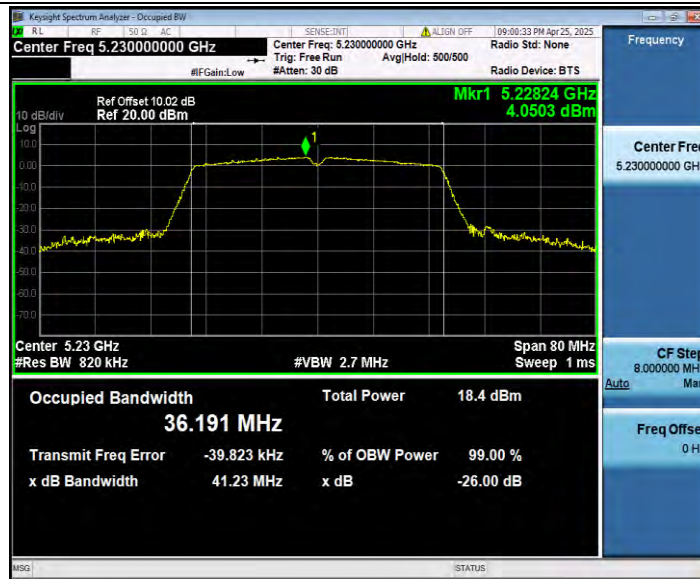
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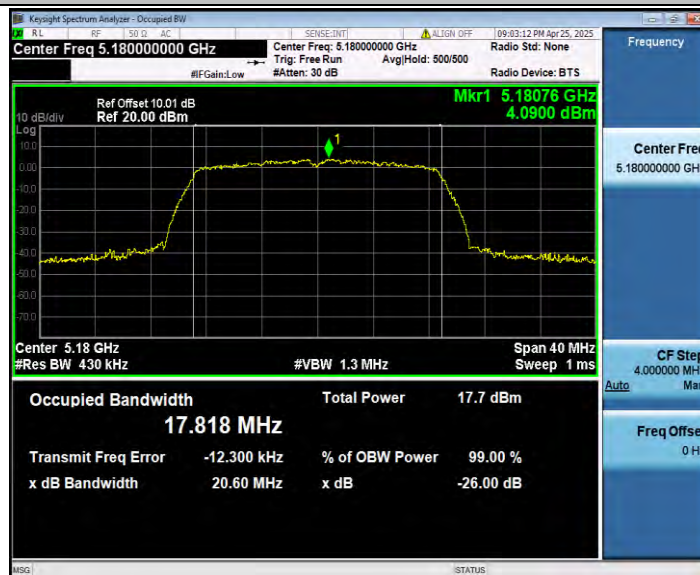
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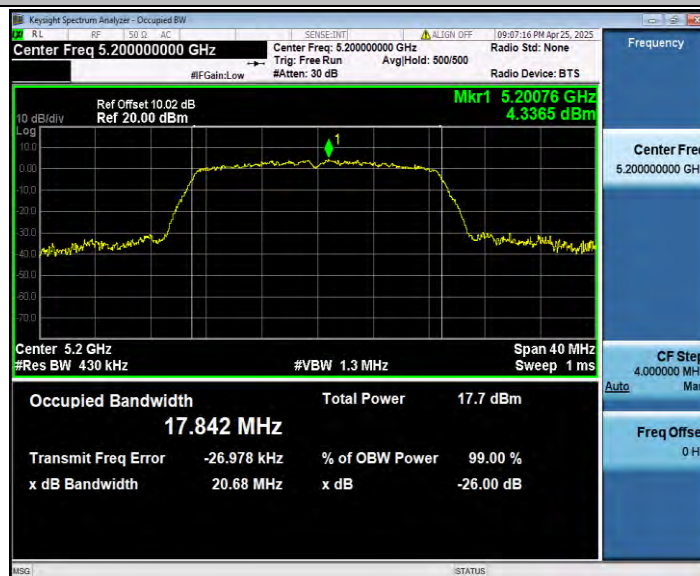
11N40SISO_Ant1_5230



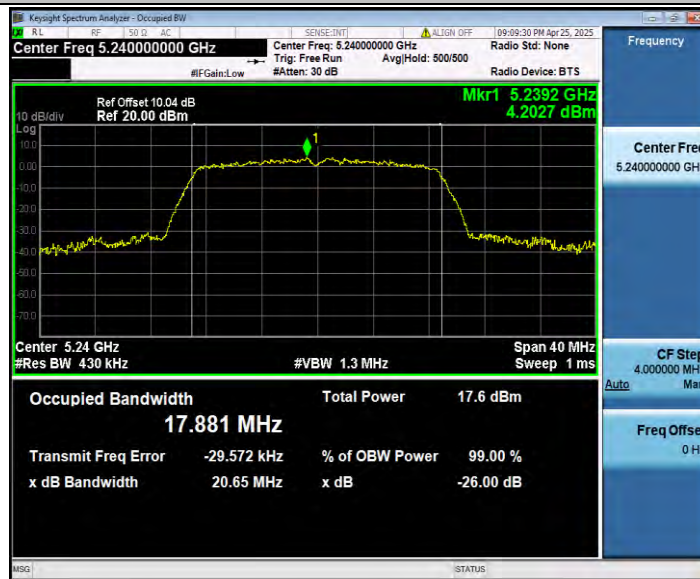
11AC20SISO_Ant1_5180



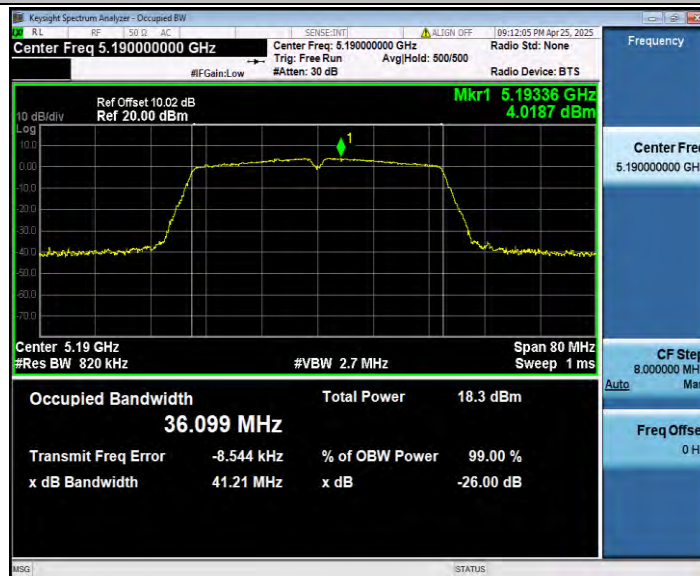
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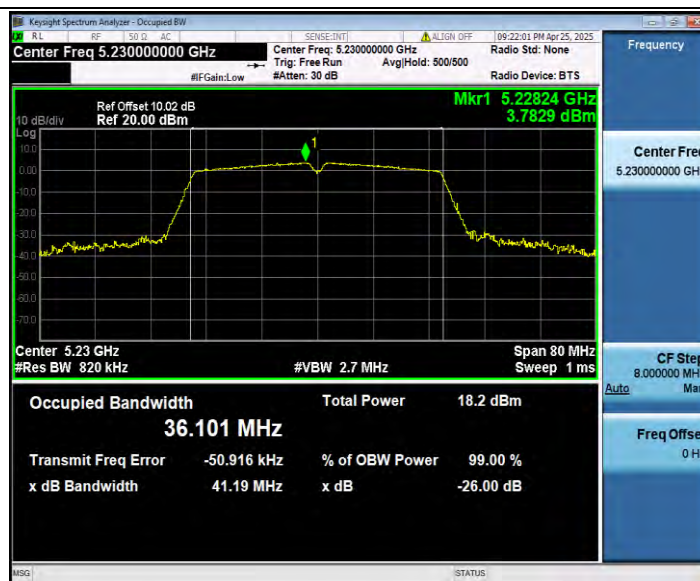
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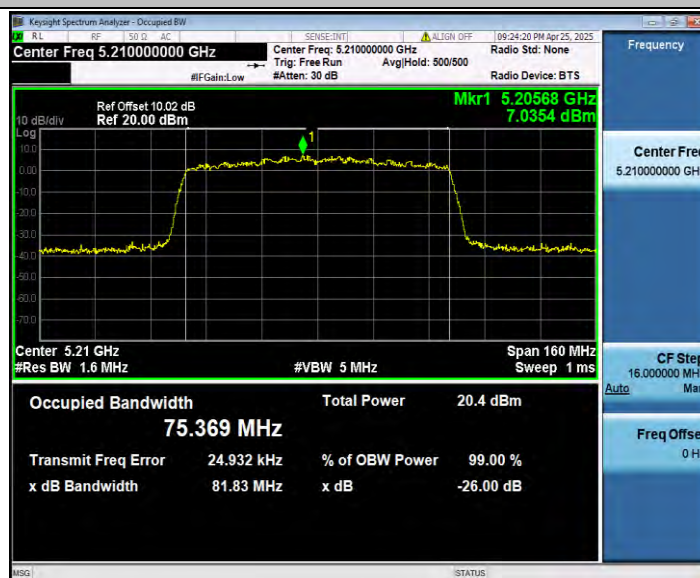
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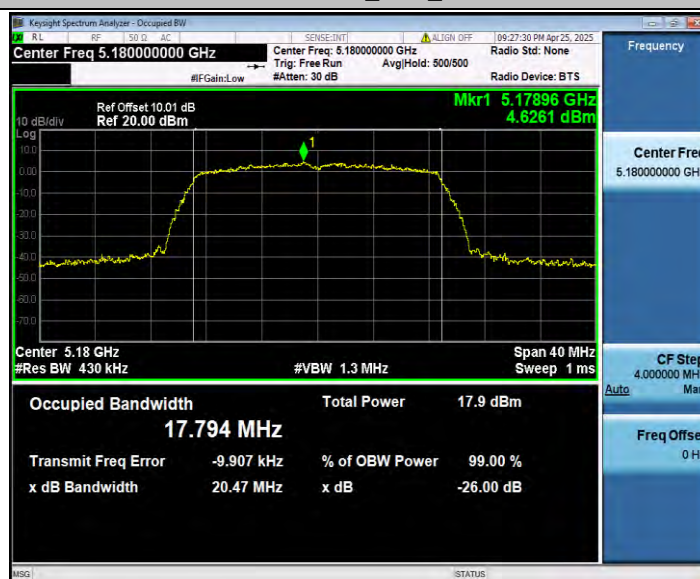
11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



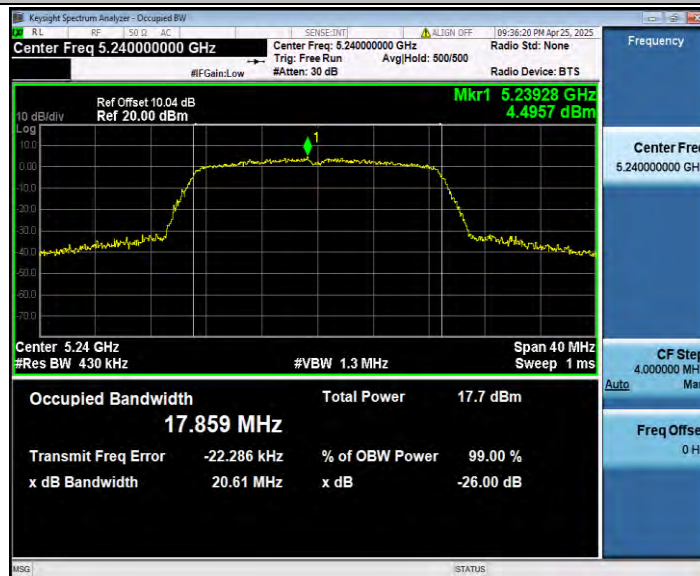
11AX20SISO_Ant1_5180



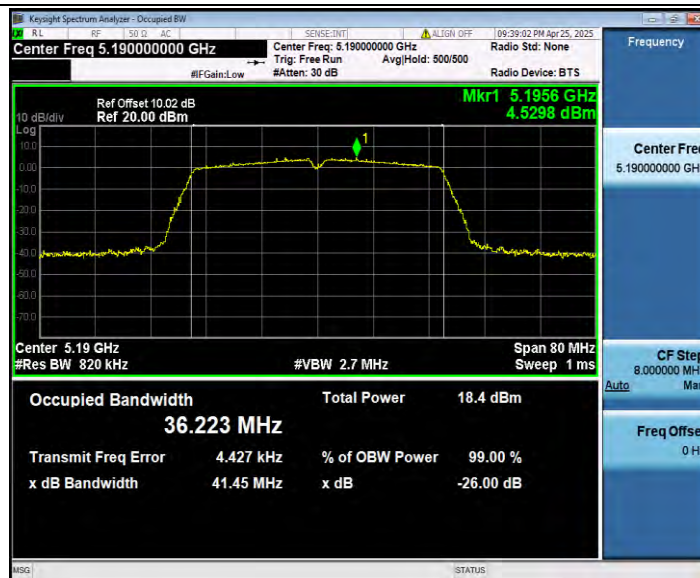
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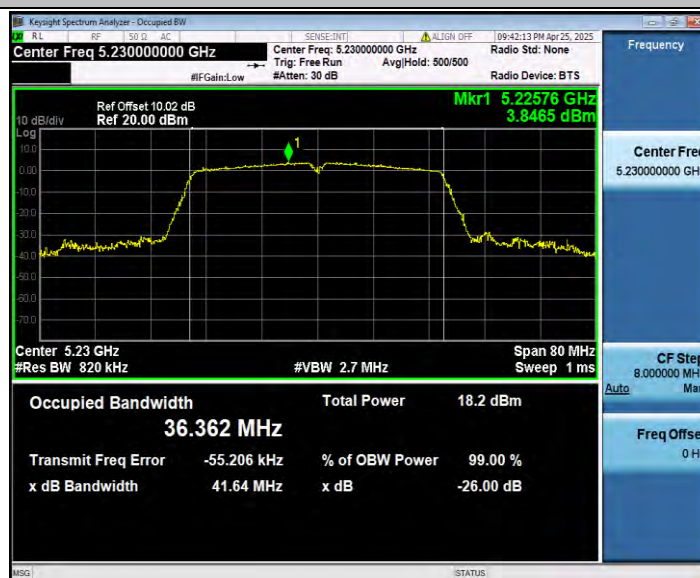
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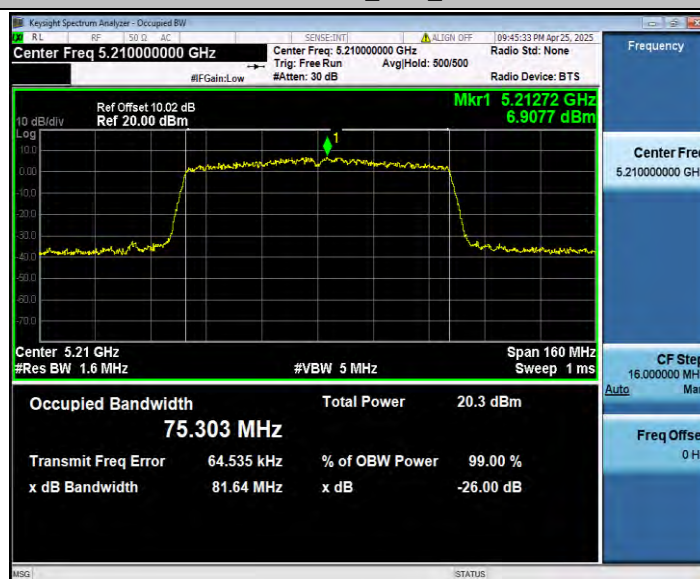
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX80SISO_Ant1_5210

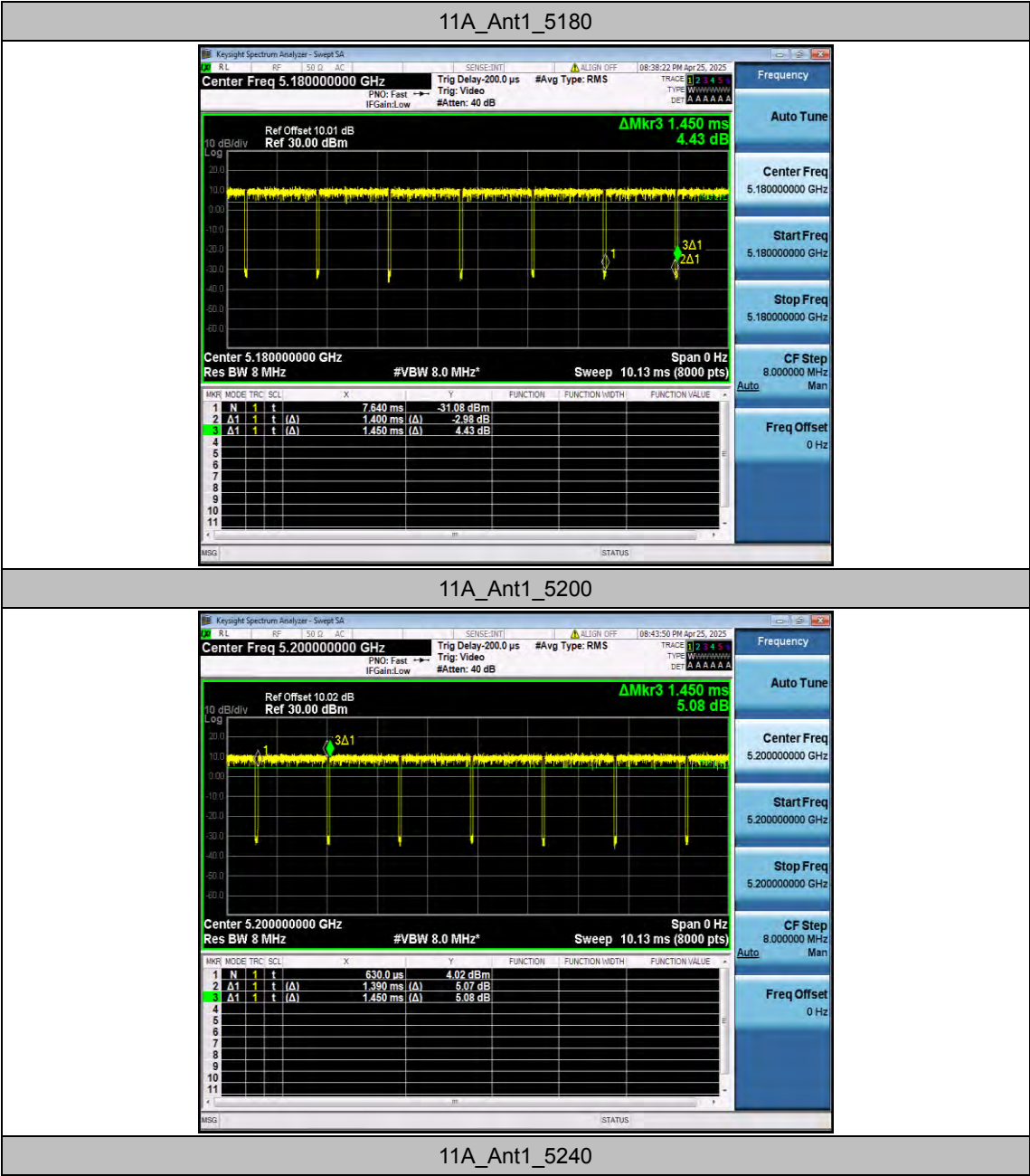


Appendix B. 3: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	1.40	1.45	96.55	0.15	0.71
		5200	1.39	1.45	95.86	0.18	0.72
		5240	1.39	1.44	96.53	0.15	0.72
11N20SISO	Ant1	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
11N40SISO	Ant1	5190	0.65	0.70	92.86	0.32	1.54
		5230	0.65	0.70	92.86	0.32	1.54
11AC20SISO	Ant1	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	1.37	95.62	0.19	0.76
11AC40SISO	Ant1	5190	0.66	0.71	92.96	0.32	1.52
		5230	0.65	0.71	91.55	0.38	1.54
11AC80SISO	Ant1	5210	0.32	0.37	86.49	0.63	3.13
11AX20SISO	Ant1	5180	1.30	1.36	95.59	0.20	0.77
		5200	1.30	1.36	95.59	0.20	0.77
		5240	1.31	1.36	96.32	0.16	0.76
11AX40SISO	Ant1	5190	0.65	0.70	92.86	0.32	1.54
		5230	0.65	0.71	91.55	0.38	1.54
11AX80SISO	Ant1	5210	0.32	0.38	84.21	0.75	3.13

Test Graphs



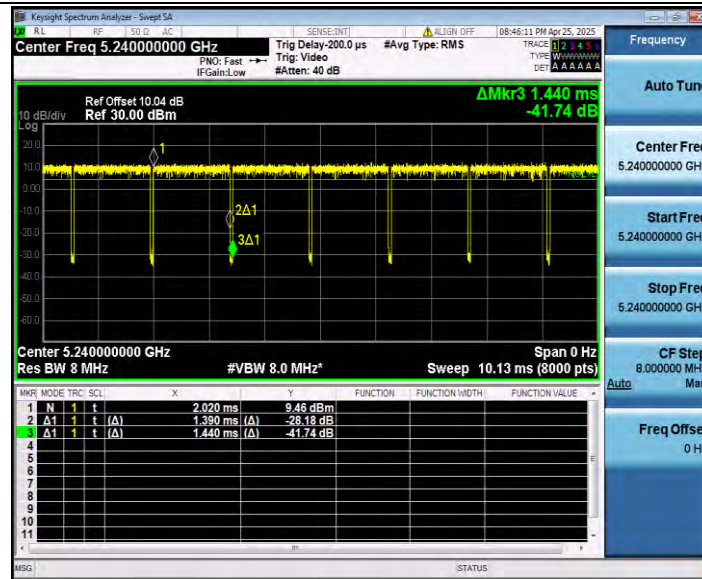
11A_Ant1_5200

Frequency

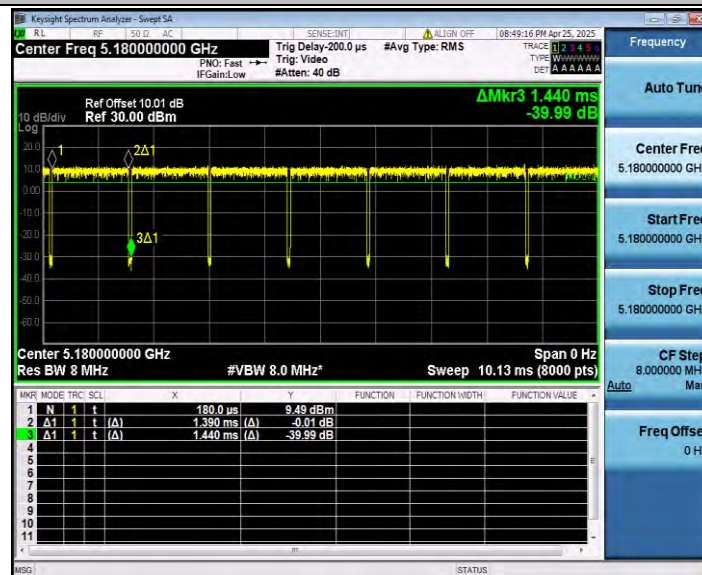
Auto Tune

Center Freq
5.200000000 GHzStart Freq
5.200000000 GHzStop Freq
5.200000000 GHzCF Step
8.0000000 MHzFreq Offset
0 Hz

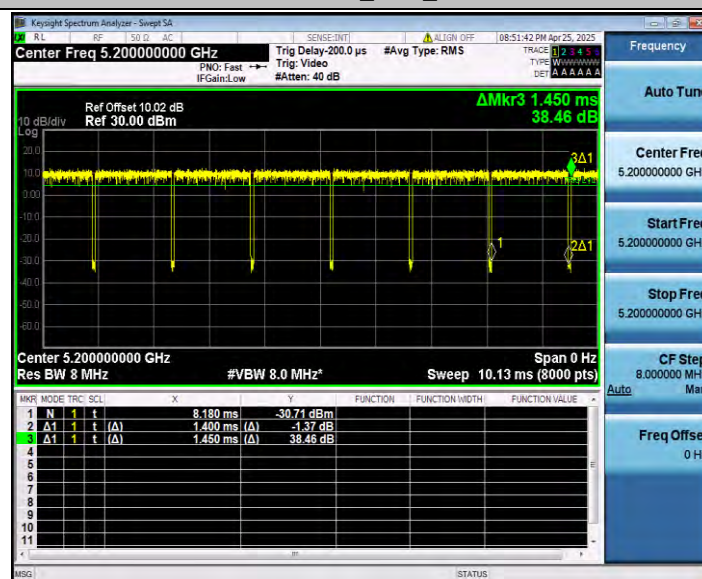
11A_Ant1_5240



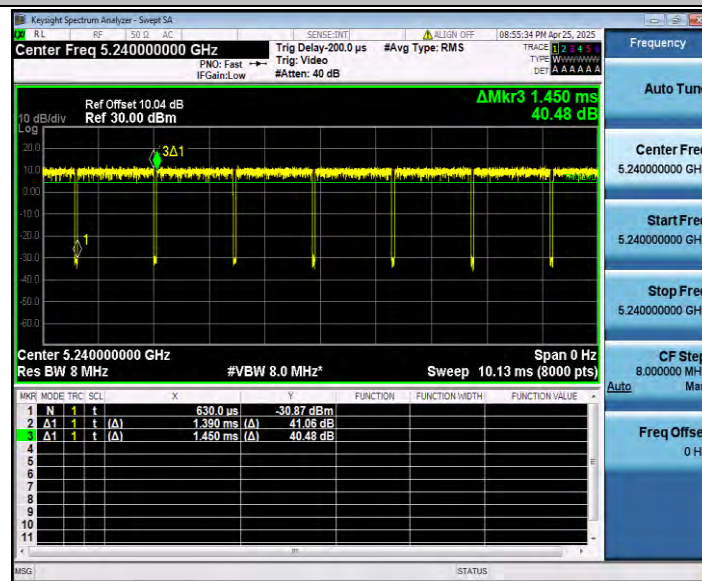
11N20SISO_Ant1_5180



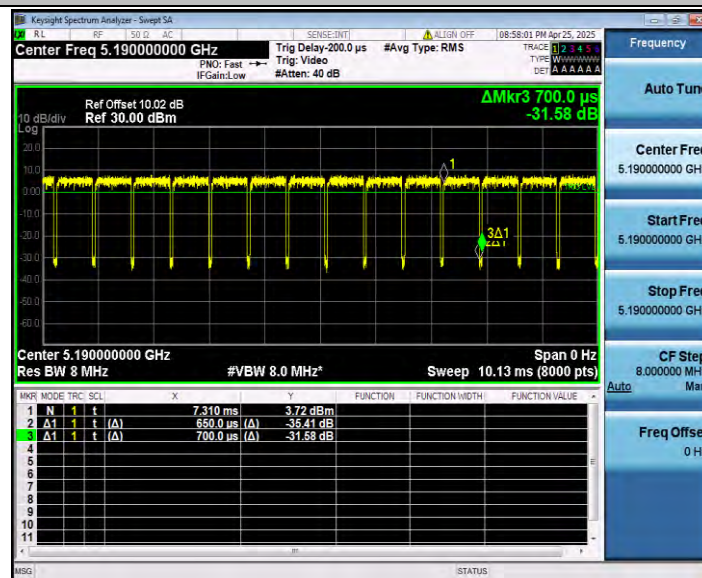
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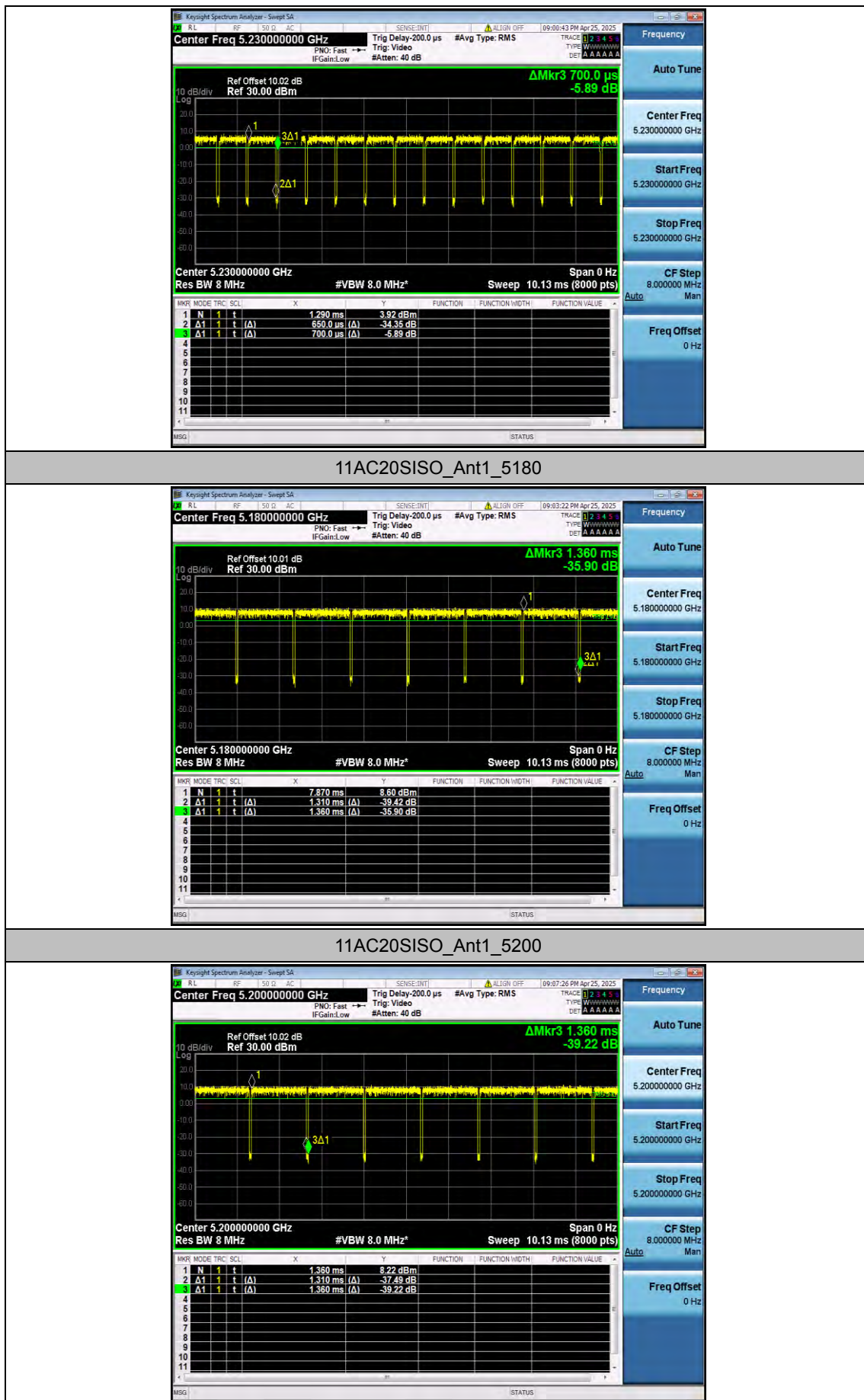
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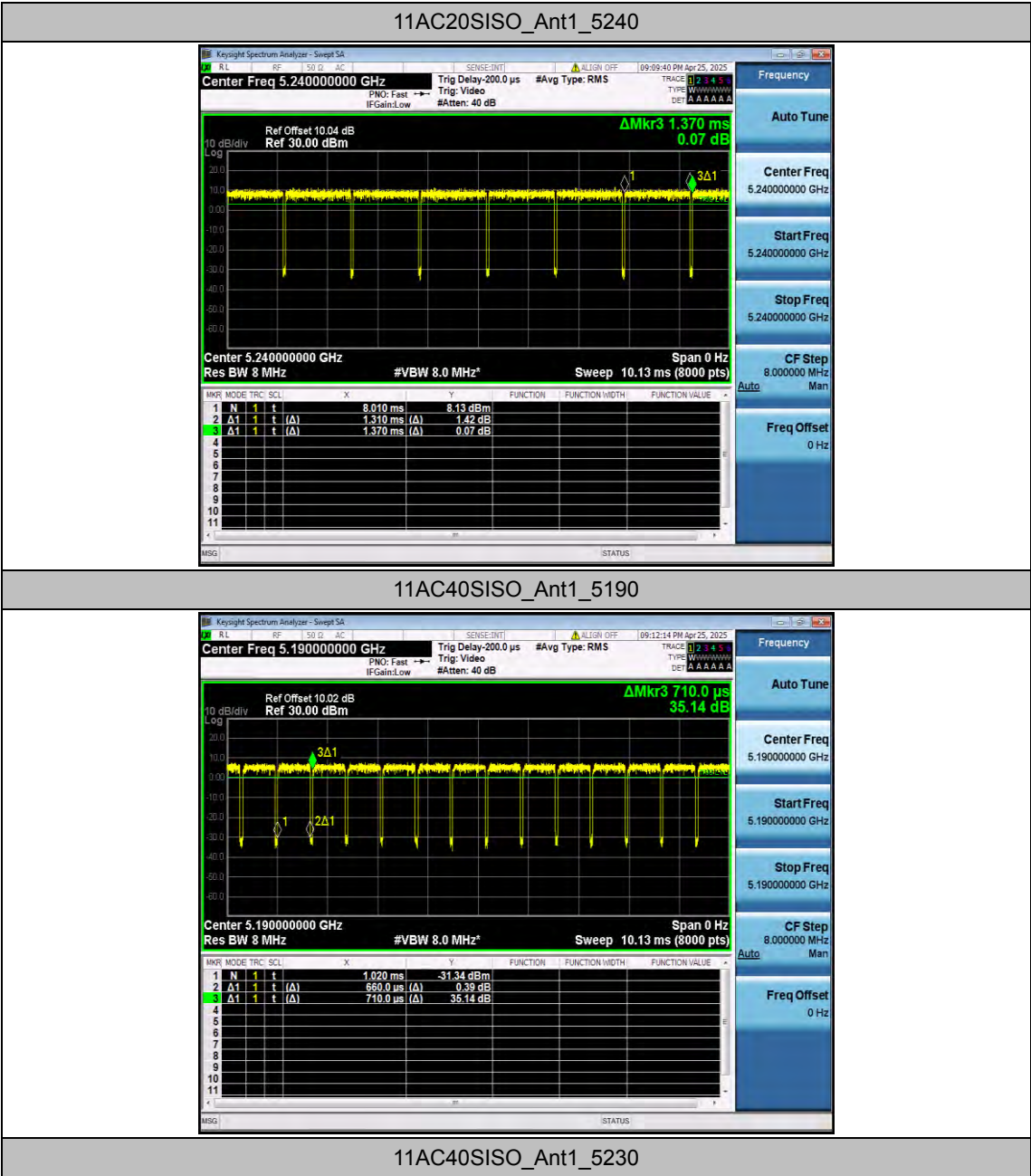


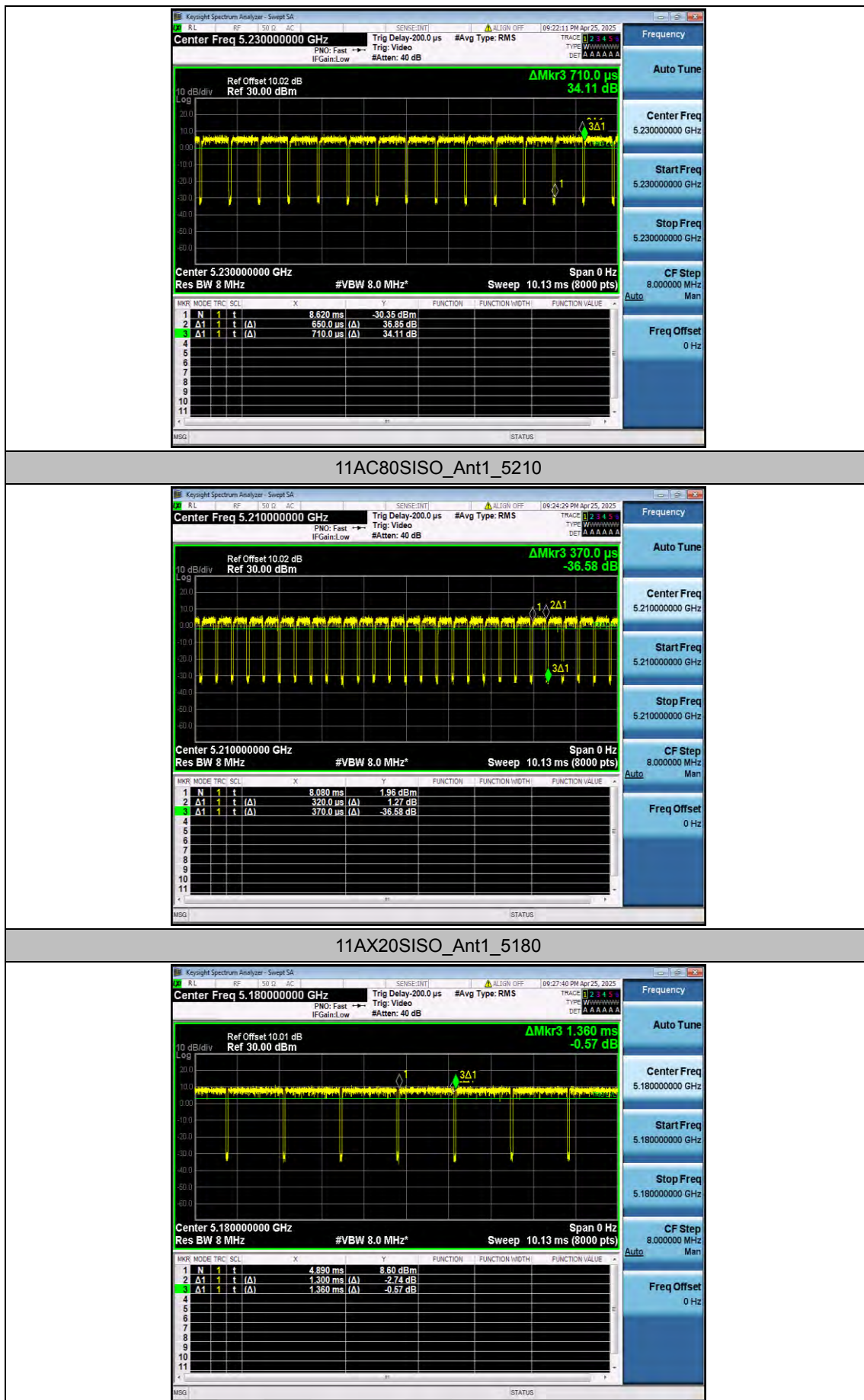
11N40SISO_Ant1_5190



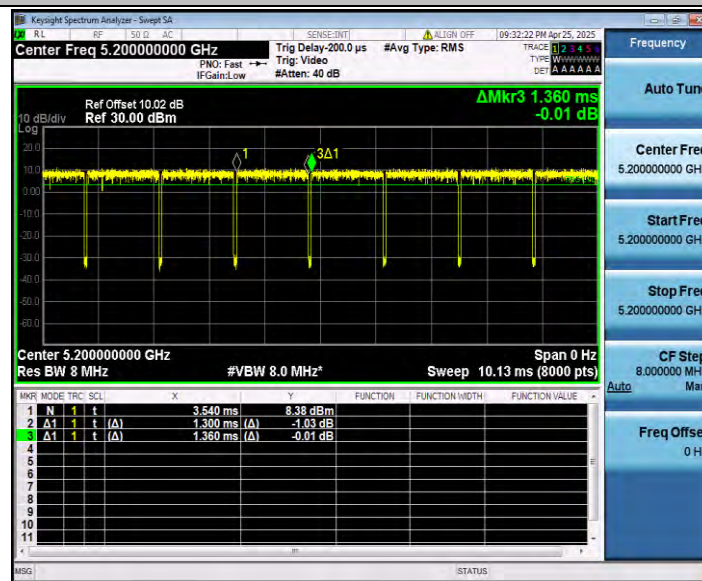
11N40SISO_Ant1_5230



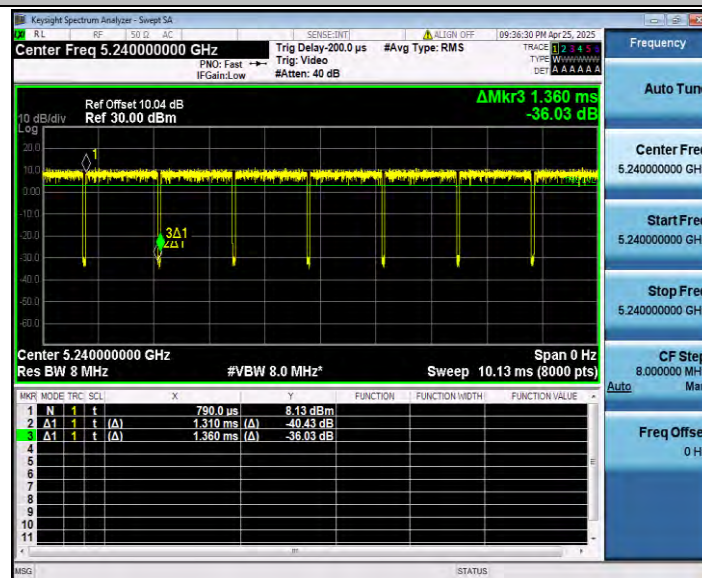




11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190

