

Case No. : <u>GTS20250225016-1-08</u>	
Ambient Condition: <u>23</u> °C, <u>48</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.4.26</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	20.200	5249.880	5270.080	---	---
		5280	20.160	5269.880	5290.040	---	---
		5320	19.960	5310.080	5330.040	---	---
11N20SISO	Ant1	5260	20.160	5249.920	5270.080	---	---
		5280	20.160	5269.920	5290.080	---	---
		5320	19.960	5310.040	5330.000	---	---
11N40SISO	Ant1	5270	40.640	5249.520	5290.160	---	---
		5310	41.120	5289.600	5330.720	---	---
11AC20SISO	Ant1	5260	20.240	5249.880	5270.120	---	---
		5280	20.200	5269.880	5290.080	---	---
		5320	20.280	5309.840	5330.120	---	---
11AC40SISO	Ant1	5270	40.560	5249.600	5290.160	---	---
		5310	40.720	5289.440	5330.160	---	---
11AC80SISO	Ant1	5290	81.600	5249.200	5330.800	---	---
11AX20SISO	Ant1	5260	20.320	5249.800	5270.120	---	---
		5280	20.320	5269.880	5290.200	---	---
		5320	20.320	5309.800	5330.120	---	---
11AX40SISO	Ant1	5270	40.480	5249.680	5290.160	---	---
		5310	40.800	5289.440	5330.240	---	---
11AX80SISO	Ant1	5290	81.440	5249.200	5330.640	---	---

Test Graphs

11A_Ant1_5260



11A_Ant1_5280



11A_Ant1_5320



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5280



11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

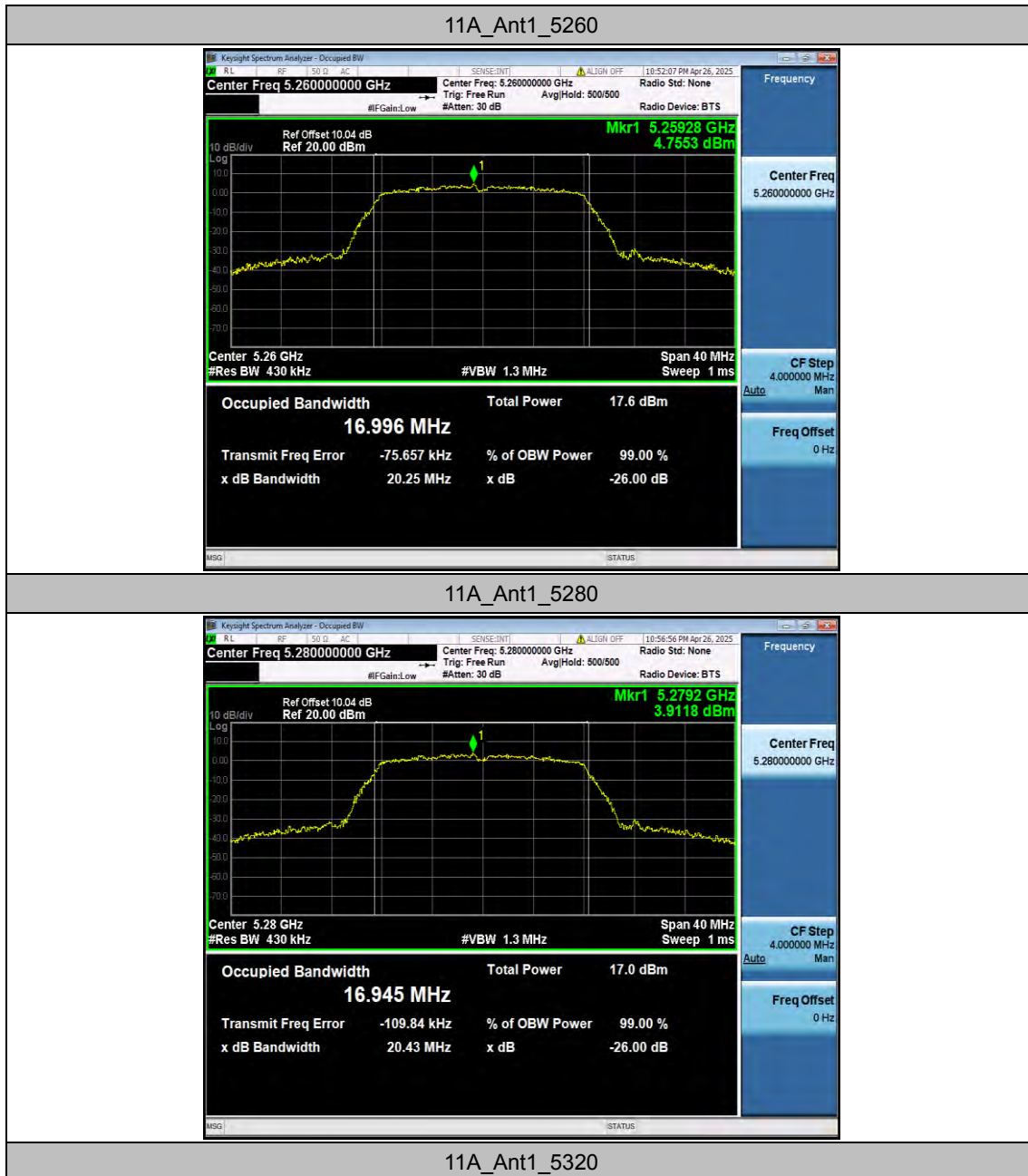


Appendix C.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5260	16.996	5251.4263	5268.4223	---	---
		5280	16.945	5271.4177	5288.3627	---	---
		5320	16.985	5311.4523	5328.4373	---	---
11N20SISO	Ant1	5260	16.899	5251.4784	5268.3774	---	---
		5280	16.915	5271.4469	5288.3619	---	---
		5320	16.978	5311.4531	5328.4311	---	---
11N40SISO	Ant1	5270	36.069	5251.8785	5287.9475	---	---
		5310	36.339	5291.7981	5328.1371	---	---
11AC20SISO	Ant1	5260	17.848	5251.0396	5268.8876	---	---
		5280	17.834	5271.0404	5288.8744	---	---
		5320	17.825	5311.0701	5328.8951	---	---
11AC40SISO	Ant1	5270	36.148	5251.8492	5287.9972	---	---
		5310	36.184	5291.8713	5328.0553	---	---
11AC80SISO	Ant1	5290	75.621	5252.0994	5327.7204	---	---
11AX20SISO	Ant1	5260	17.816	5251.0410	5268.8570	---	---
		5280	17.891	5271.0226	5288.9136	---	---
		5320	17.800	5311.0834	5328.8834	---	---
11AX40SISO	Ant1	5270	36.229	5251.8068	5288.0358	---	---
		5310	36.257	5291.8714	5328.1284	---	---
11AX80SISO	Ant1	5290	75.539	5252.1882	5327.7272	---	---

Test Graphs

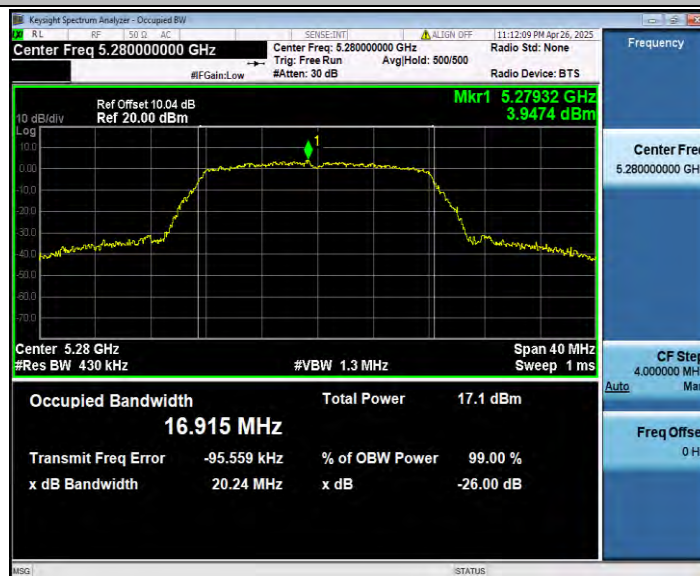




11N20SISO_Ant1_5260



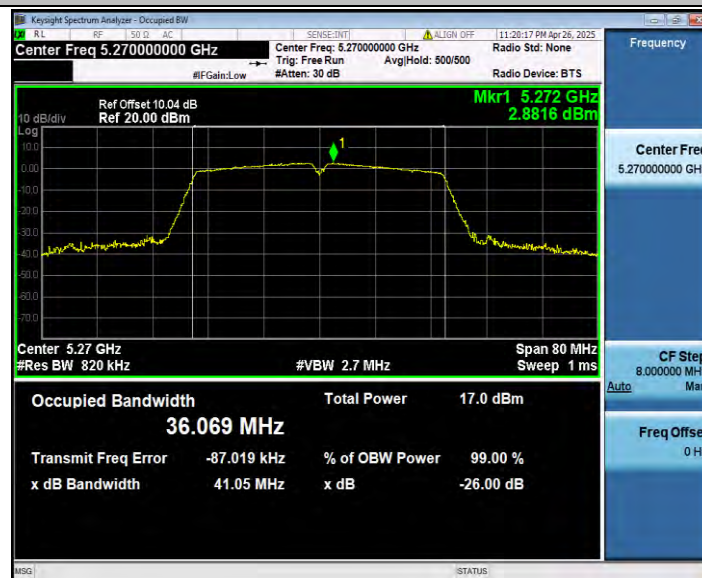
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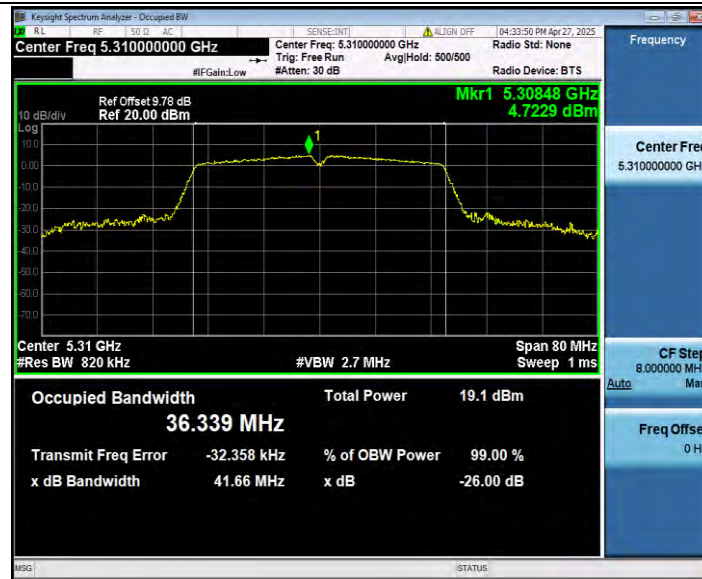
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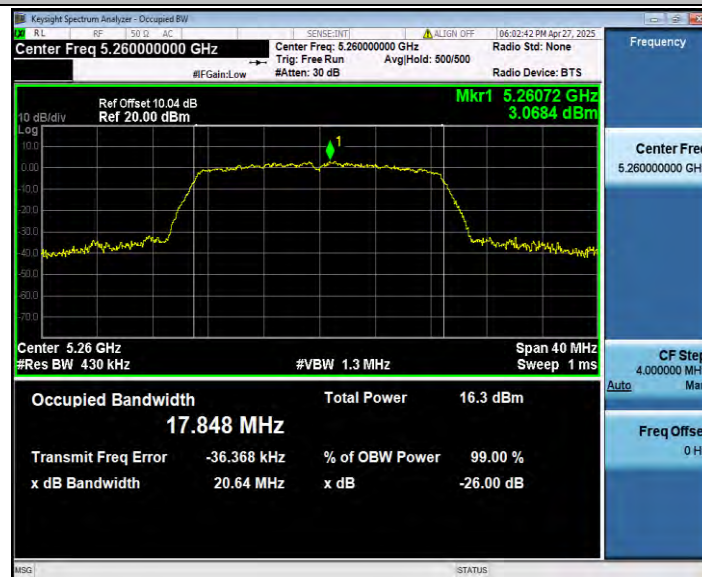
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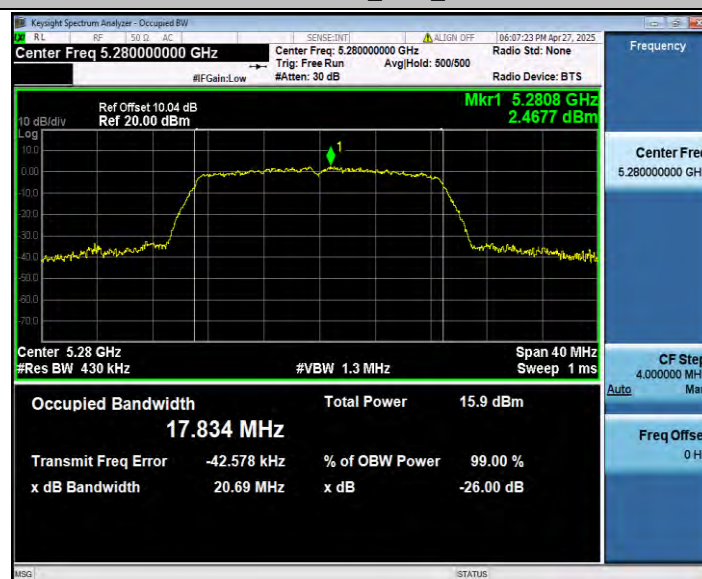
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11AC20SISO_Ant1_5260



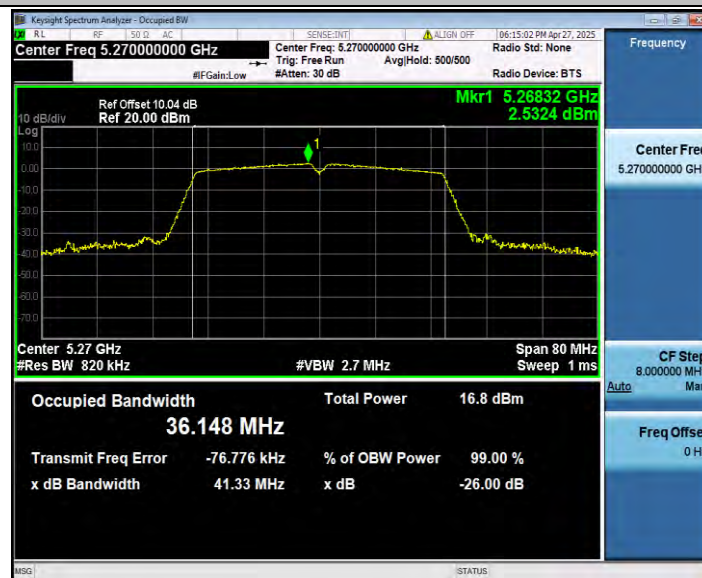
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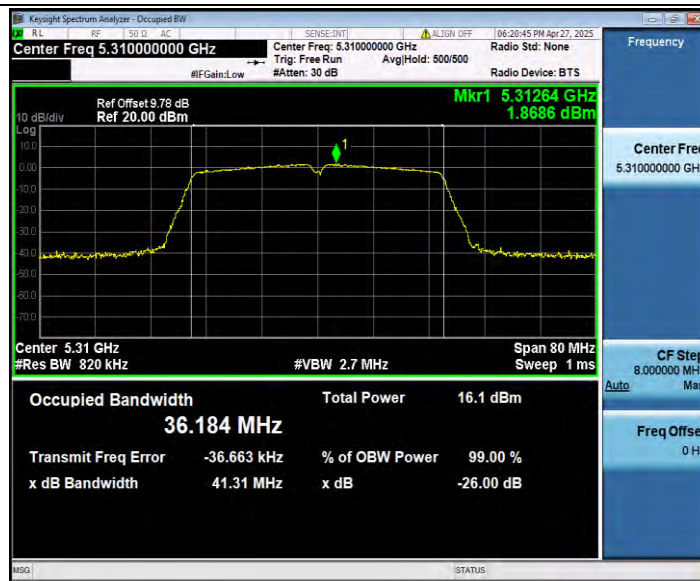
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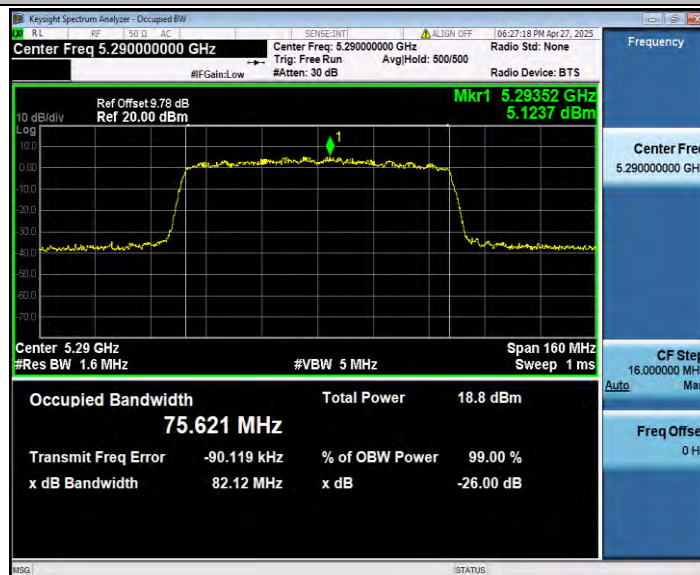
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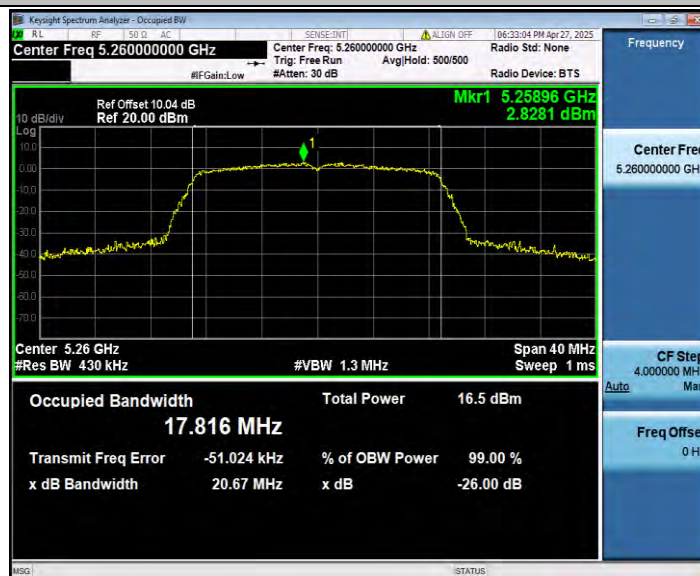
11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5290



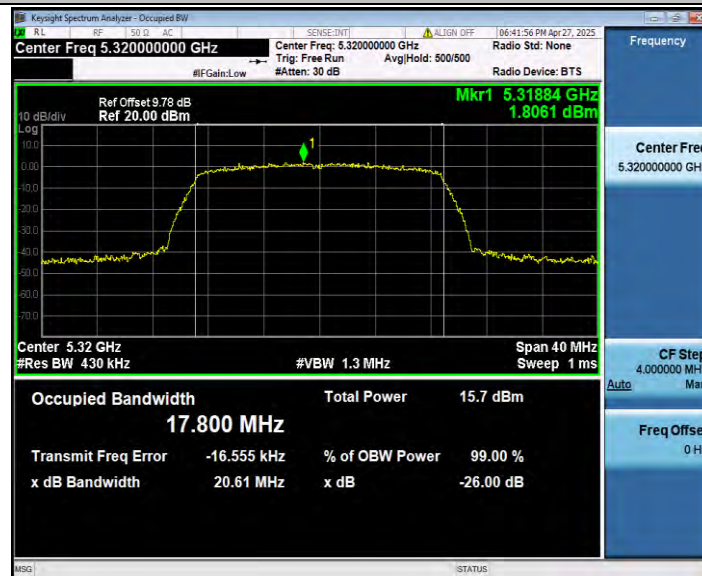
11AX20SISO_Ant1_5260



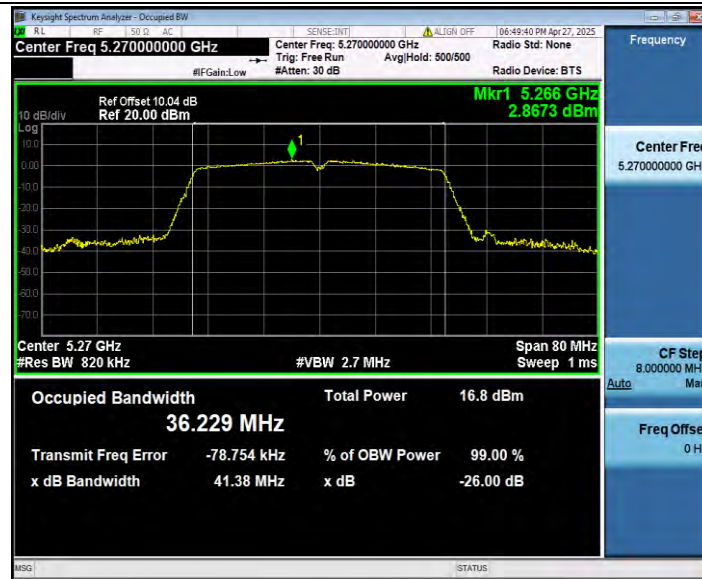
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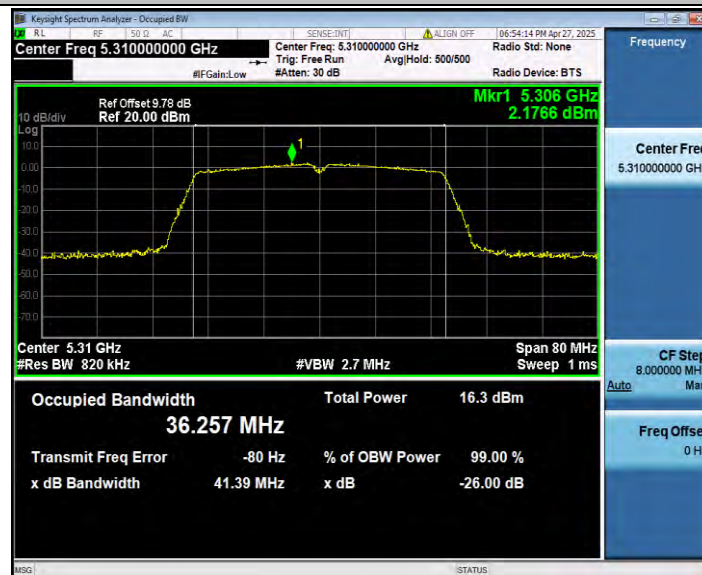
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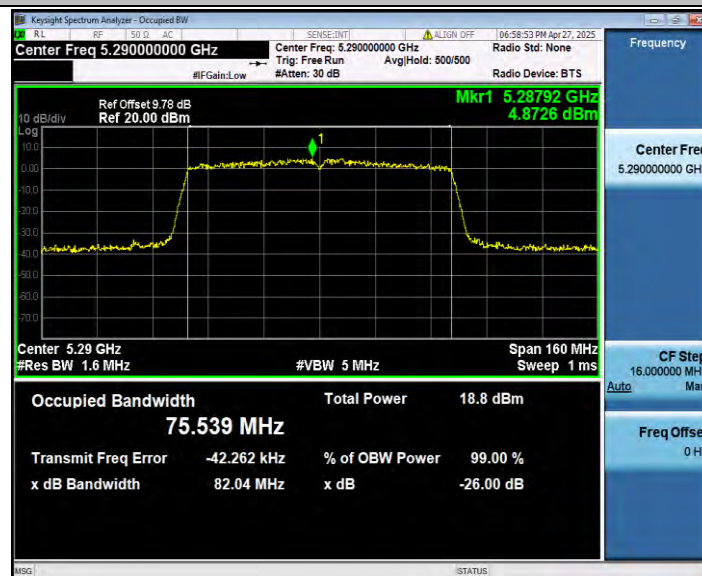
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

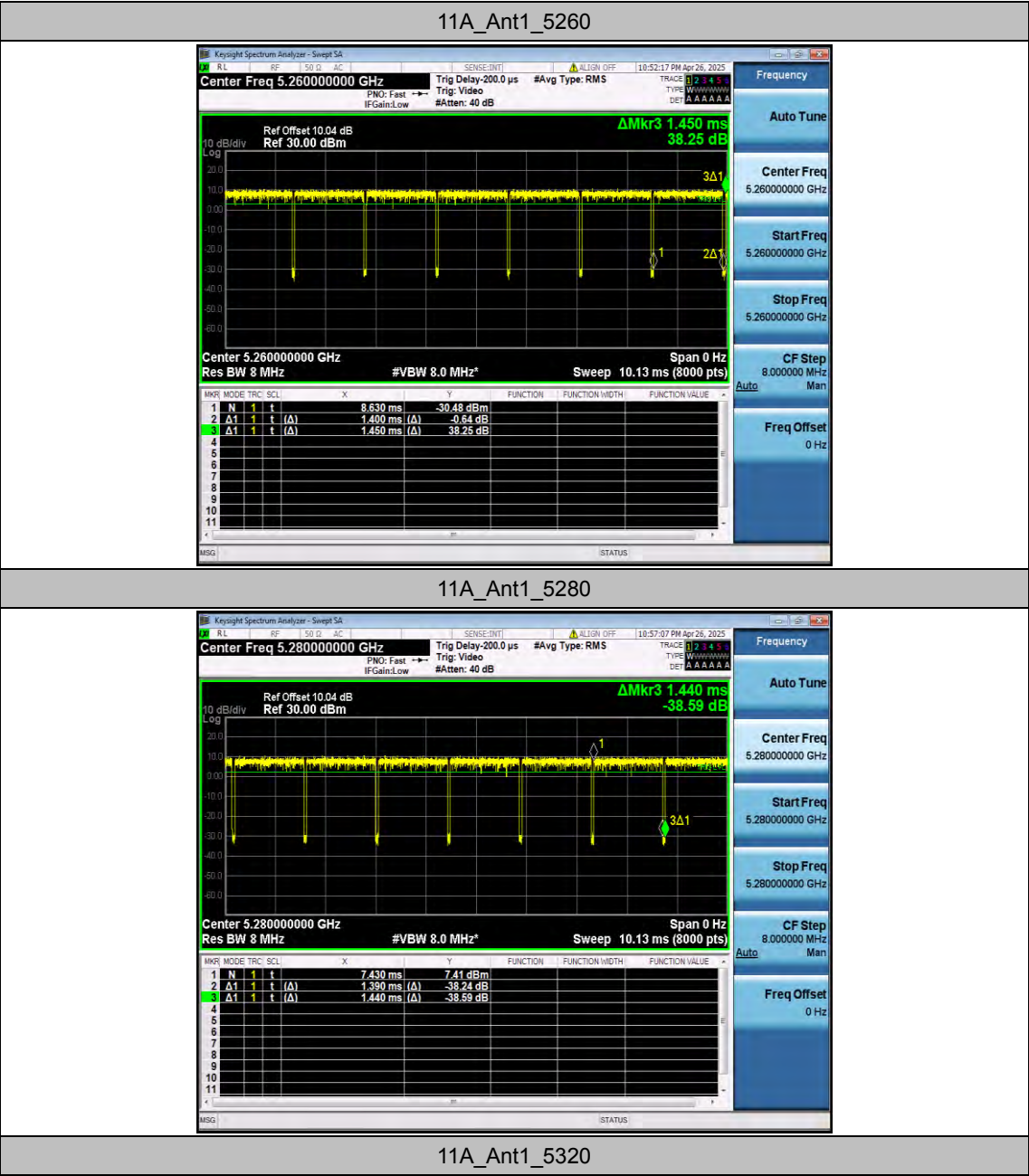


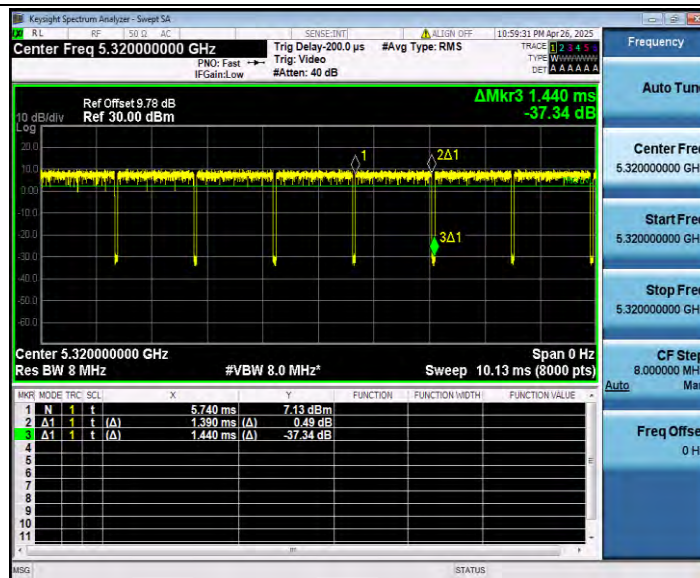
Appendix C 3: Duty Cycle

Test Result

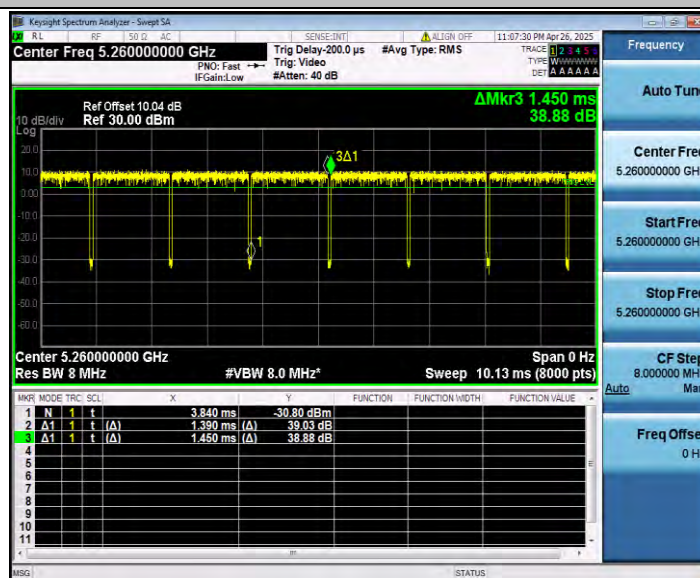
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5260	1.40	1.45	96.55	0.15	0.71
		5280	1.39	1.44	96.53	0.15	0.72
		5320	1.39	1.44	96.53	0.15	0.72
11N20SISO	Ant1	5260	1.39	1.45	95.86	0.18	0.72
		5280	1.39	1.45	95.86	0.18	0.72
		5320	1.39	1.45	95.86	0.18	0.72
11N40SISO	Ant1	5270	0.65	0.70	92.86	0.32	1.54
		5310	0.66	0.71	92.96	0.32	1.52
11AC20SISO	Ant1	5260	1.31	1.37	95.62	0.19	0.76
		5280	1.31	1.37	95.62	0.19	0.76
		5320	1.31	1.36	96.32	0.16	0.76
11AC40SISO	Ant1	5270	0.65	0.70	92.86	0.32	1.54
		5310	0.65	0.70	92.86	0.32	1.54
11AC80SISO	Ant1	5290	0.32	0.37	86.49	0.63	3.13
11AX20SISO	Ant1	5260	1.31	1.36	96.32	0.16	0.76
		5280	1.31	1.36	96.32	0.16	0.76
		5320	1.31	1.36	96.32	0.16	0.76
11AX40SISO	Ant1	5270	0.65	0.70	92.86	0.32	1.54
		5310	0.65	0.70	92.86	0.32	1.54
11AX80SISO	Ant1	5290	0.32	0.37	86.49	0.63	3.13

Test Graphs

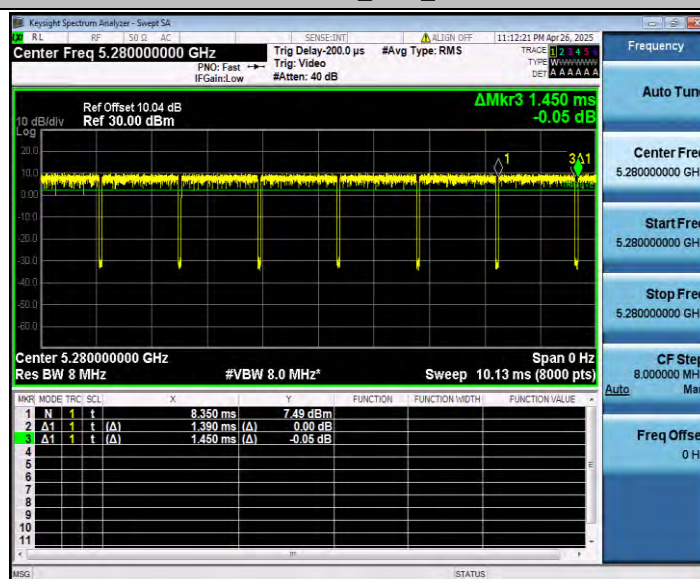




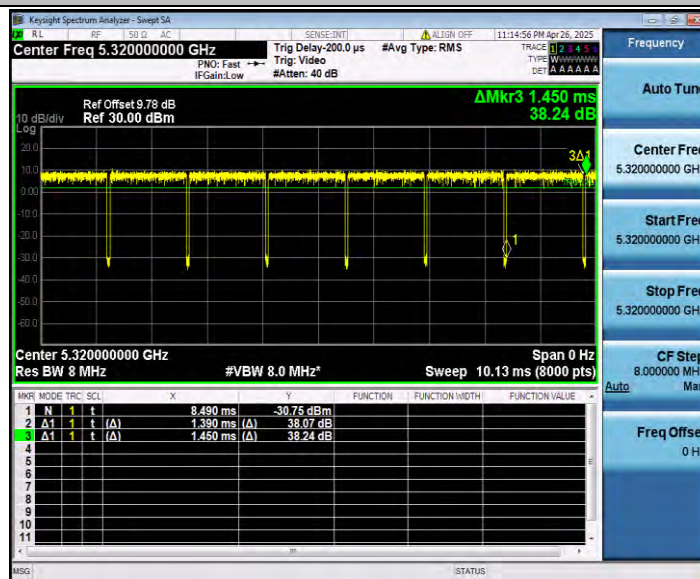
11N20SISO_Ant1_5260



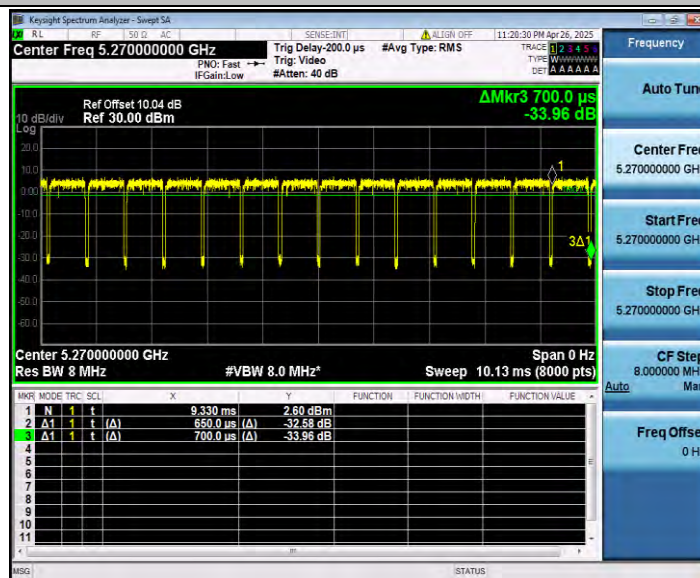
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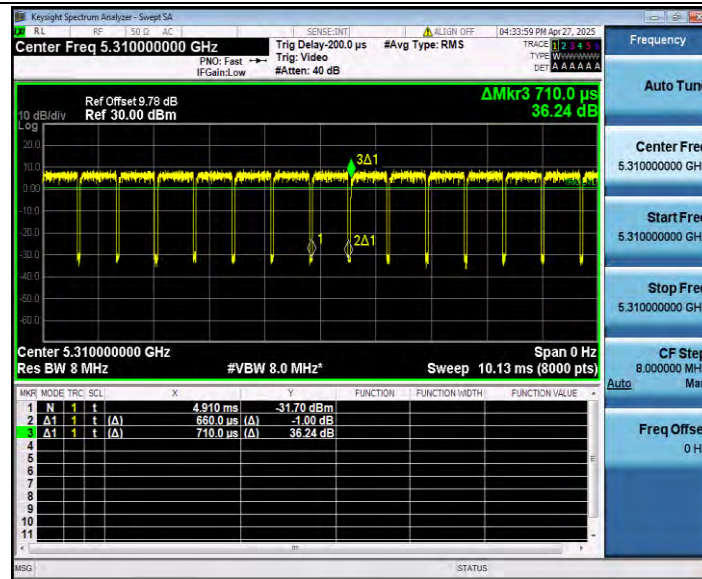
11N20SISO_Ant1_5320



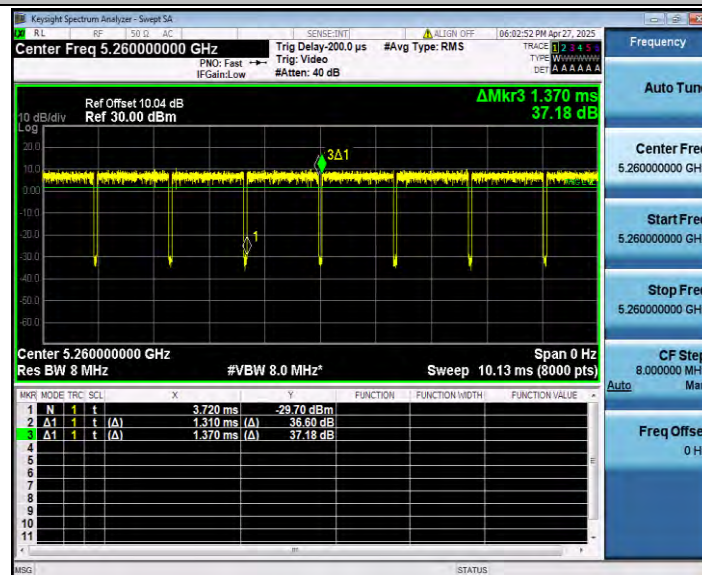
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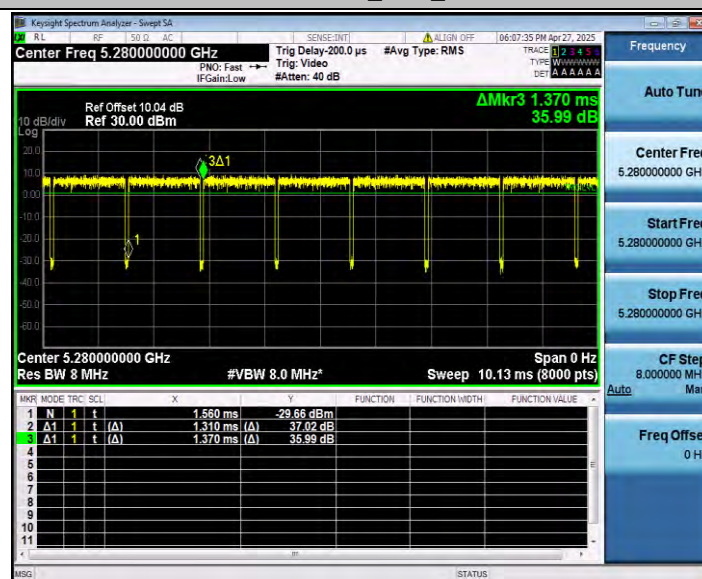
11N40SISO_Ant1_5310

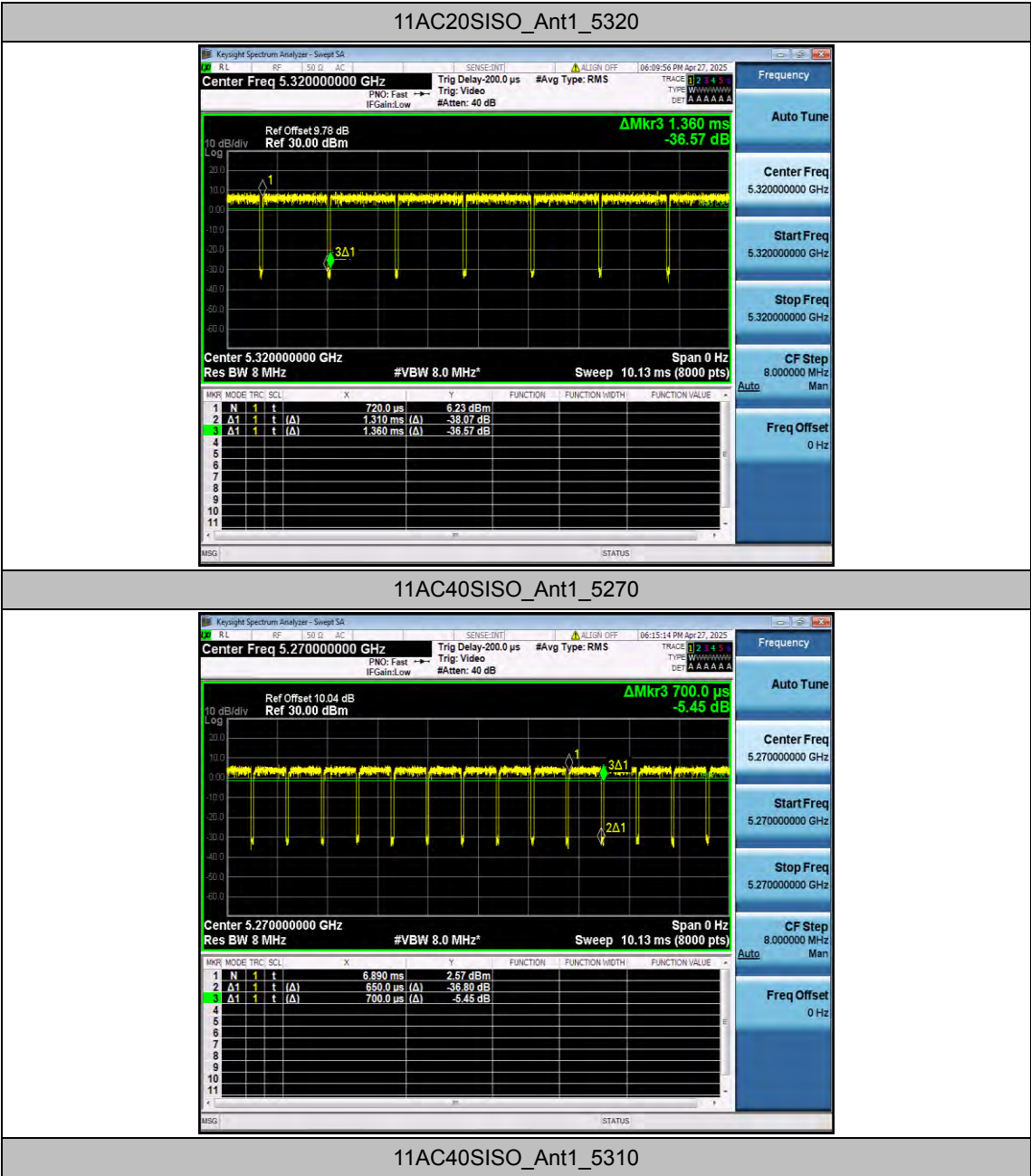


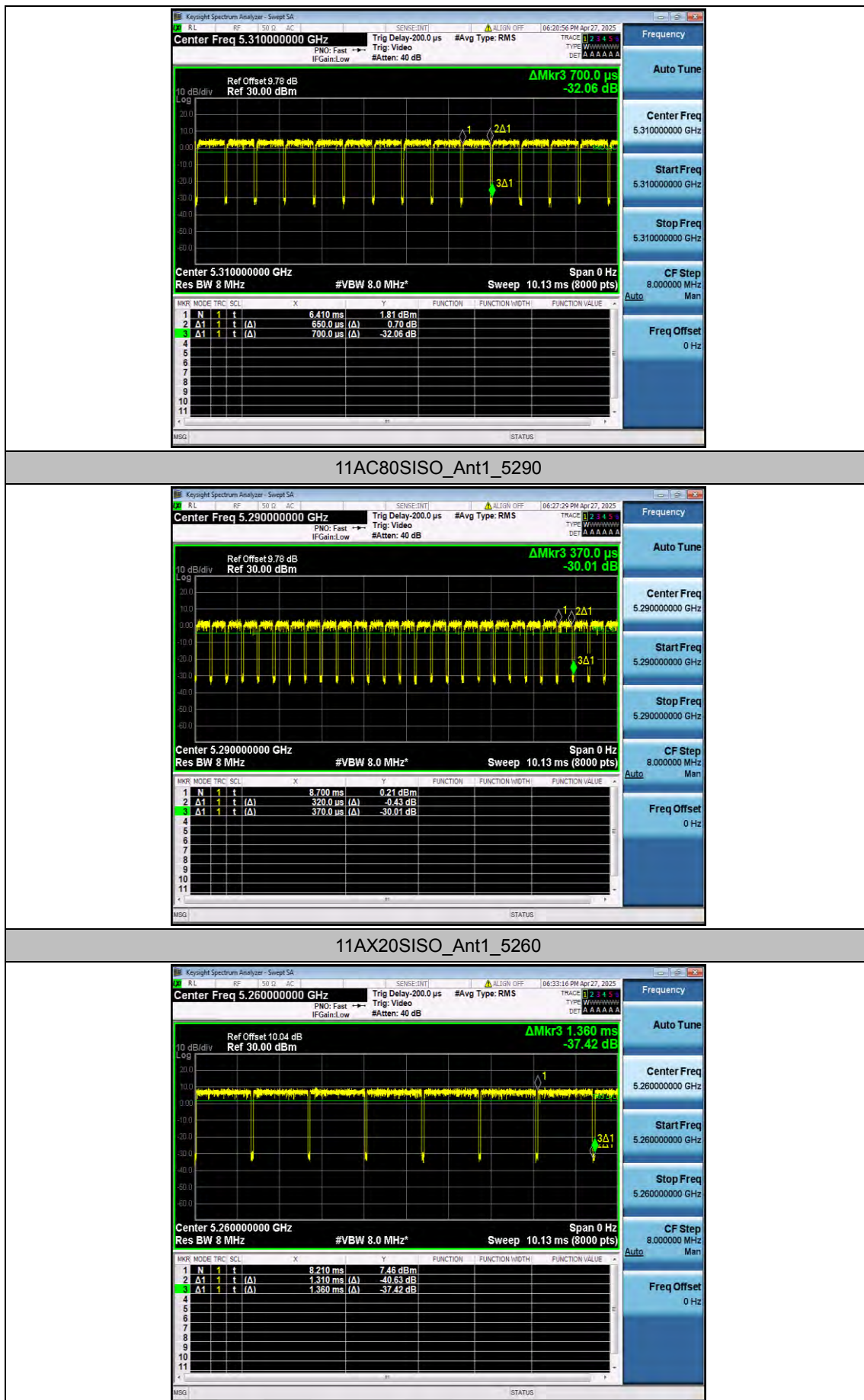
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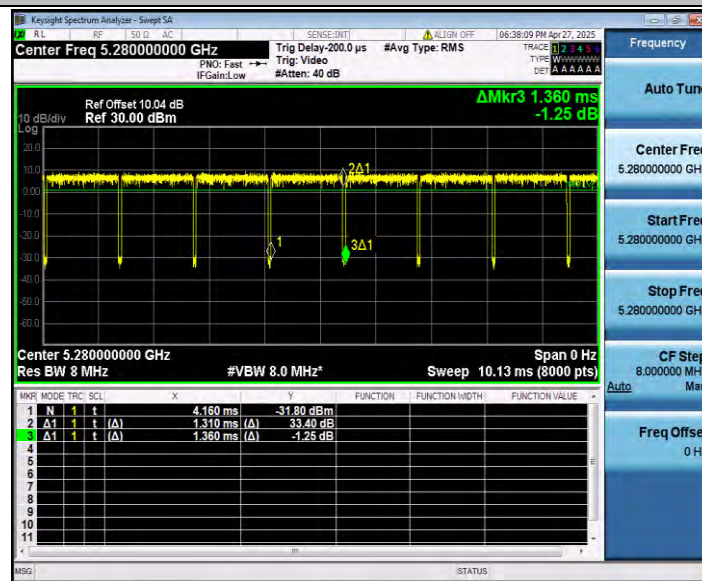
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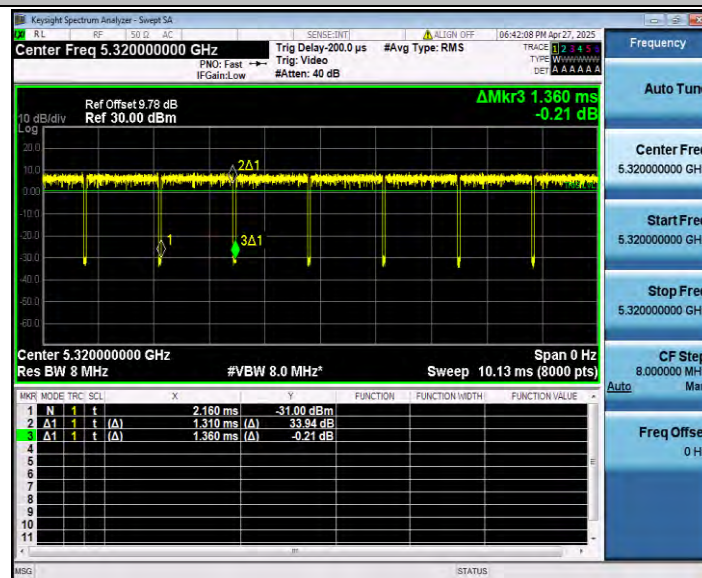




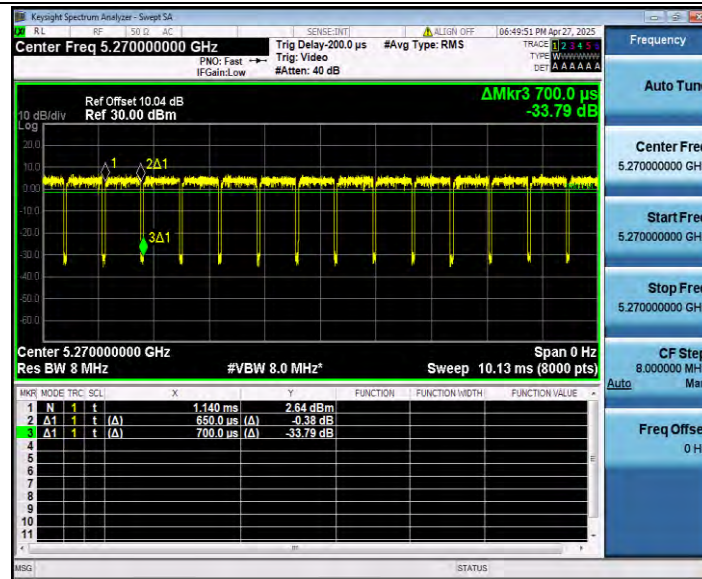
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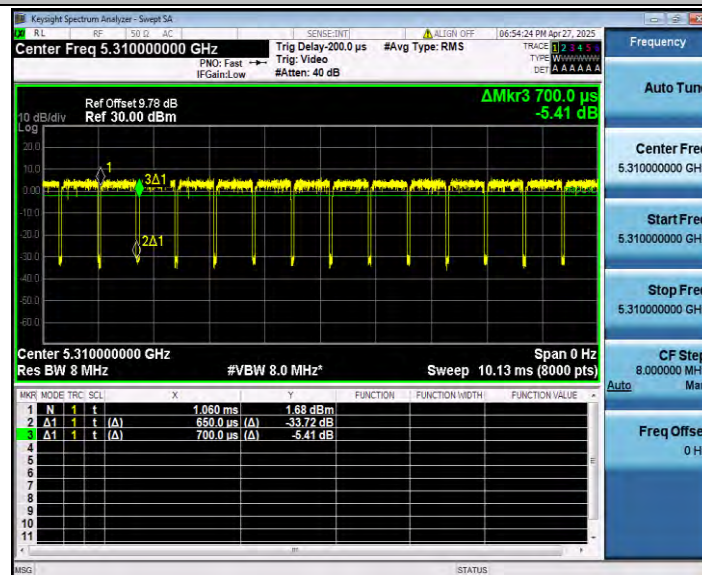
11AX20SISO_Ant1_5320



11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX80SISO_Ant1_5290

