

Case No. : <u>GTS20250225016-1-08</u>	
Ambient Condition: <u>22</u> °C, <u>48</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.4.28</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	5500	19.840	5490.080	5509.920	---	---
		5580	20.160	5569.840	5590.000	---	---
		5700	20.080	5689.920	5710.000	---	---
11N20SISO	Ant1	5500	19.960	5490.080	5510.040	---	---
		5580	19.920	5570.000	5589.920	---	---
		5700	20.240	5689.800	5710.040	---	---
11N40SISO	Ant1	5510	40.400	5489.760	5530.160	---	---
		5590	40.800	5569.520	5610.320	---	---
		5670	40.560	5649.680	5690.240	---	---
11AC20SISO	Ant1	5500	20.320	5489.880	5510.200	---	---
		5580	20.360	5569.760	5590.120	---	---
		5700	20.240	5689.840	5710.080	---	---
11AC40SISO	Ant1	5510	40.400	5489.920	5530.320	---	---
		5590	40.640	5569.760	5610.400	---	---
		5670	40.720	5649.600	5690.320	---	---
11AC80SISO	Ant1	5530	81.440	5489.360	5570.800	---	---
		5610	81.600	5569.360	5650.960	---	---
11AX20SISO	Ant1	5500	20.200	5489.880	5510.080	---	---
		5580	20.200	5569.880	5590.080	---	---
		5700	20.080	5689.840	5709.920	---	---
11AX40SISO	Ant1	5510	40.960	5489.600	5530.560	---	---
		5590	40.880	5569.600	5610.480	---	---
		5670	41.120	5649.520	5690.640	---	---
11AX80SISO	Ant1	5530	80.800	5489.520	5570.320	---	---
		5610	81.440	5569.360	5650.800	---	---

Test Graphs



11A_Ant1_5580

Frequency

Auto Tune

Center Freq 5.580000000 GHz

Start Freq 5.560000000 GHz

Stop Freq 5.600000000 GHz

CF Step 4.000000 MHz

Freq Offset 0 Hz

11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



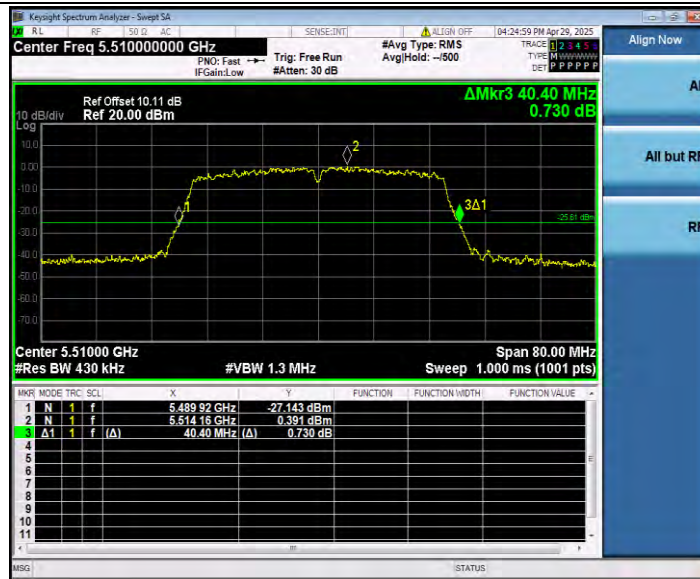
11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610



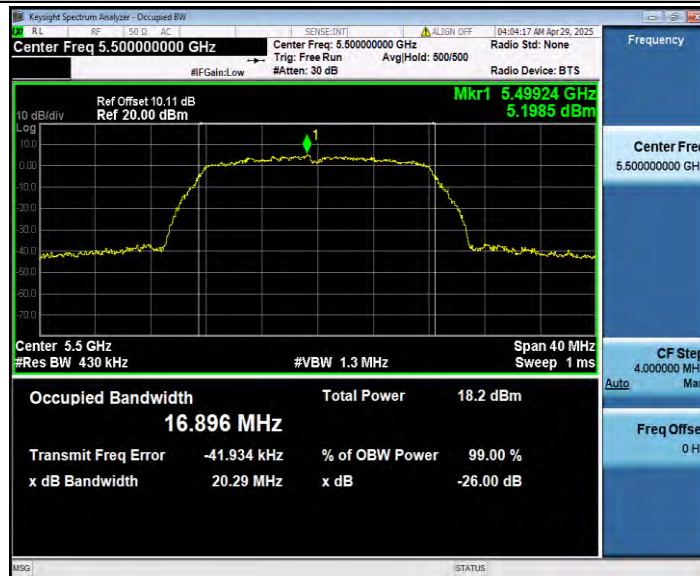
Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	16.896	5491.5101	5508.4061	---	---
		5580	16.974	5571.4316	5588.4056	---	---
		5700	16.941	5691.4378	5708.3788	---	---
11N20SISO	Ant1	5500	16.900	5491.4998	5508.3998	---	---
		5580	16.958	5571.4454	5588.4034	---	---
		5700	16.926	5691.4174	5708.3434	---	---
11N40SISO	Ant1	5510	36.114	5491.9719	5528.0859	---	---
		5590	36.139	5571.8833	5608.0223	---	---
		5670	36.099	5651.8812	5687.9802	---	---
11AC20SISO	Ant1	5500	17.817	5491.0801	5508.8971	---	---
		5580	17.851	5571.0392	5588.8902	---	---
		5700	17.833	5691.0272	5708.8602	---	---
11AC40SISO	Ant1	5510	36.120	5491.9543	5528.0743	---	---
		5590	36.157	5571.9094	5608.0664	---	---
		5670	36.066	5651.9104	5687.9764	---	---
11AC80SISO	Ant1	5530	75.464	5492.2500	5567.7140	---	---
		5610	75.647	5572.1749	5647.8219	---	---
11AX20SISO	Ant1	5500	17.808	5491.0827	5508.8907	---	---
		5580	17.874	5571.0393	5588.9133	---	---
		5700	17.800	5691.0326	5708.8326	---	---
11AX40SISO	Ant1	5510	36.214	5491.9413	5528.1553	---	---
		5590	36.265	5571.8832	5608.1482	---	---
		5670	36.246	5651.8316	5688.0776	---	---
11AX80SISO	Ant1	5530	75.315	5492.4161	5567.7311	---	---
		5610	75.525	5572.3111	5647.8361	---	---

Test Graphs

11A_Ant1_5500



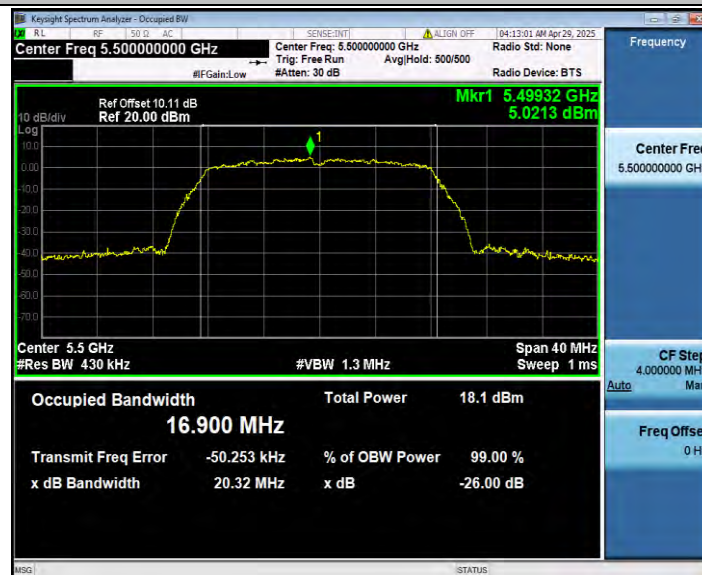
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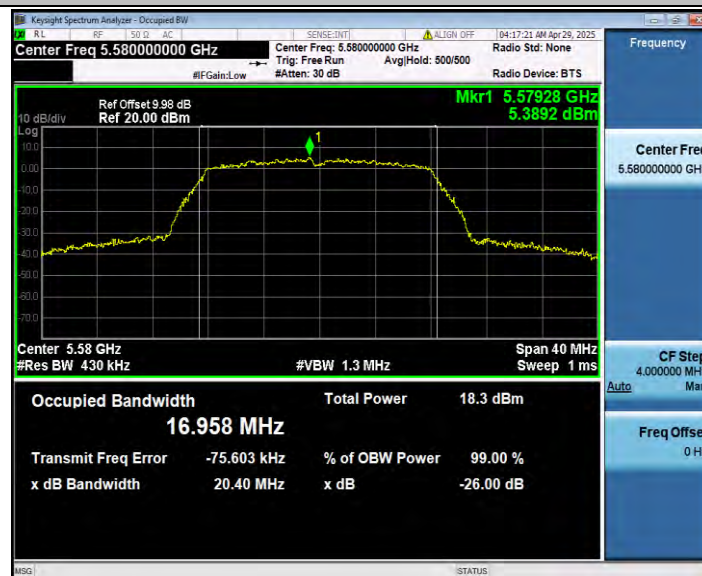
11A_Ant1_5700



11N20SISO_Ant1_5500



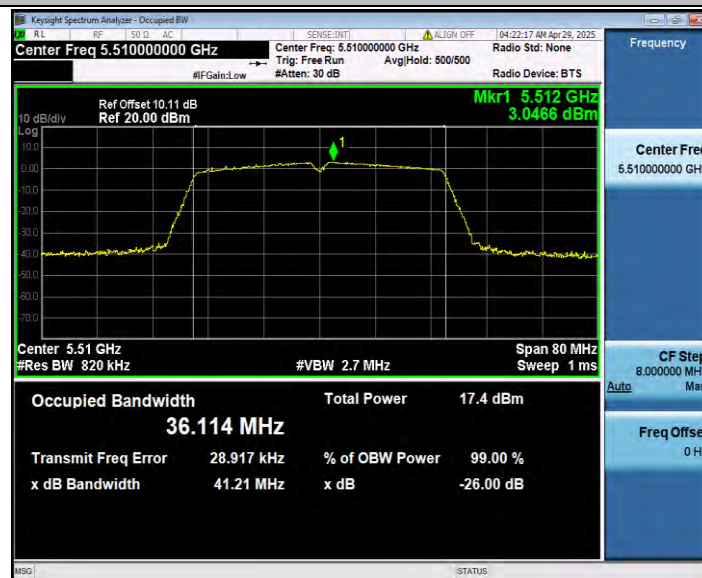
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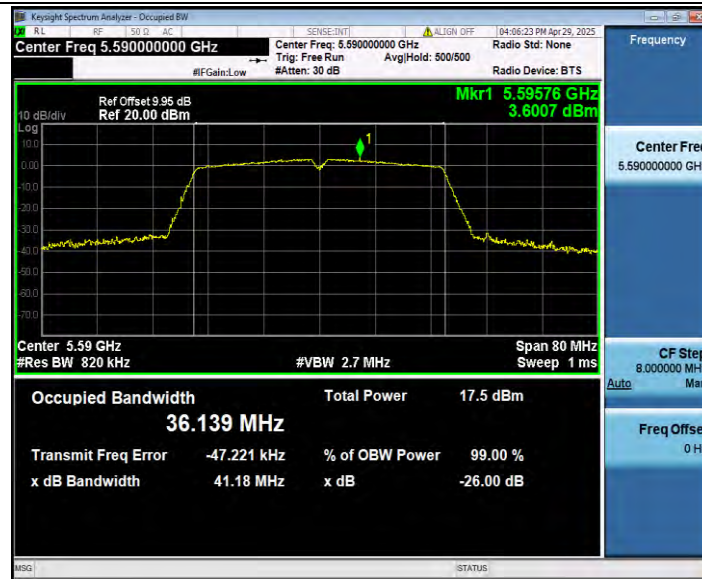
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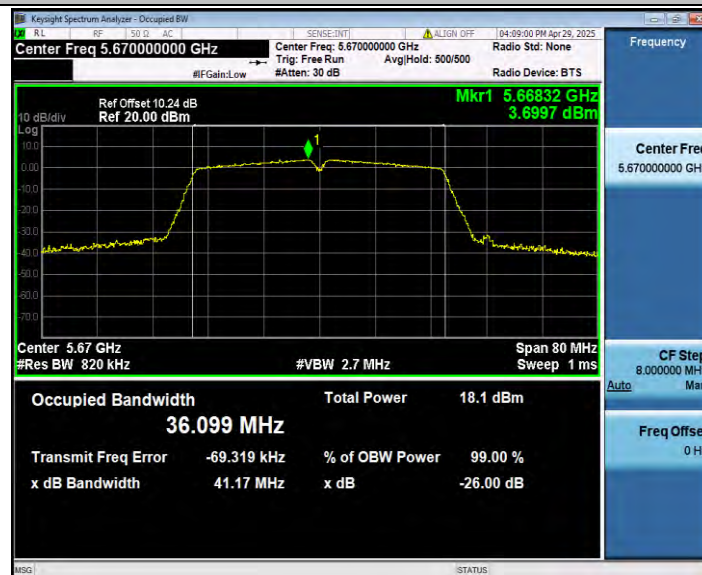
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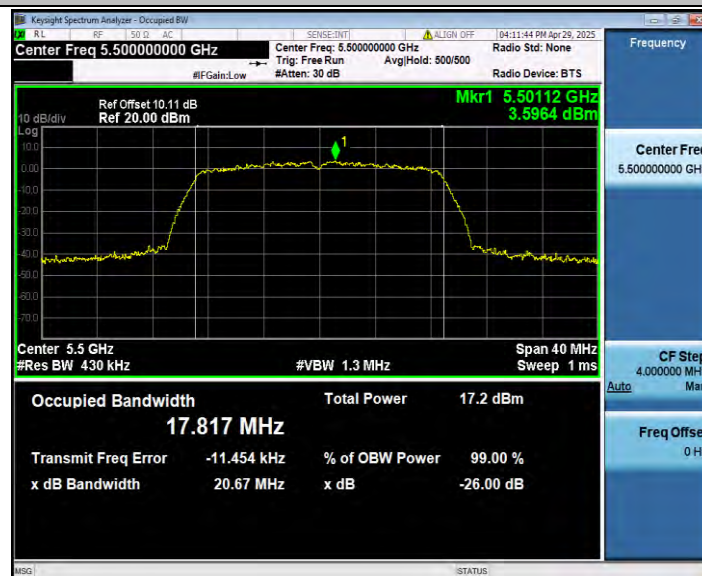
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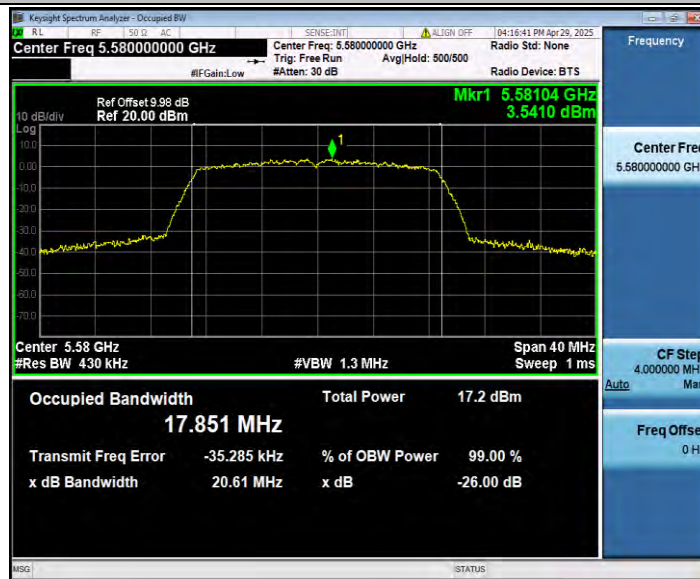
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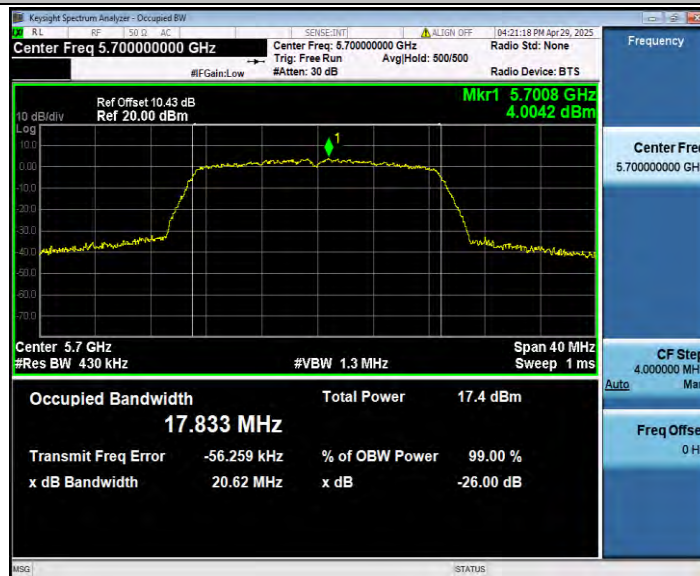
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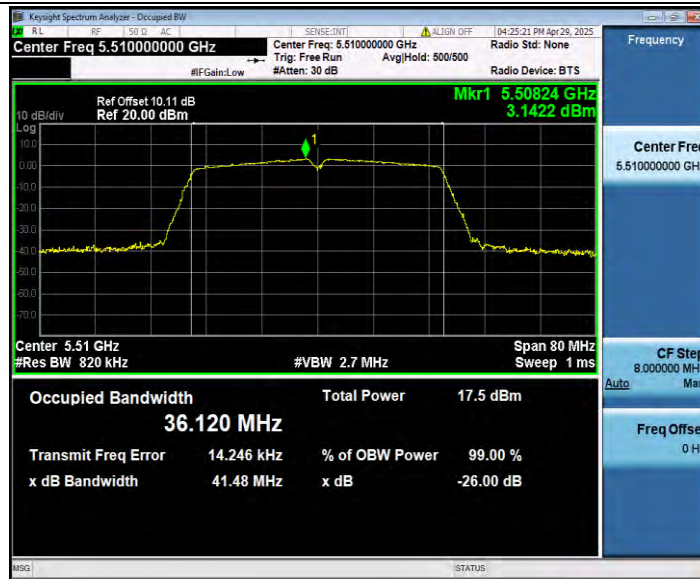
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11AC20SISO_Ant1_5700



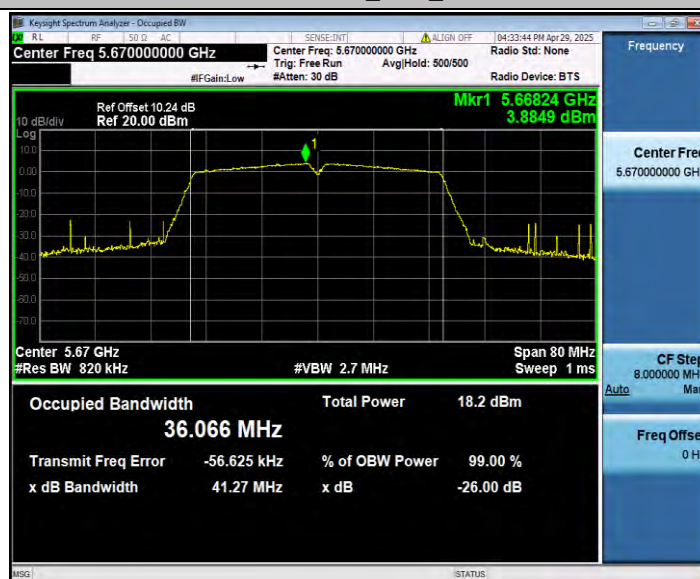
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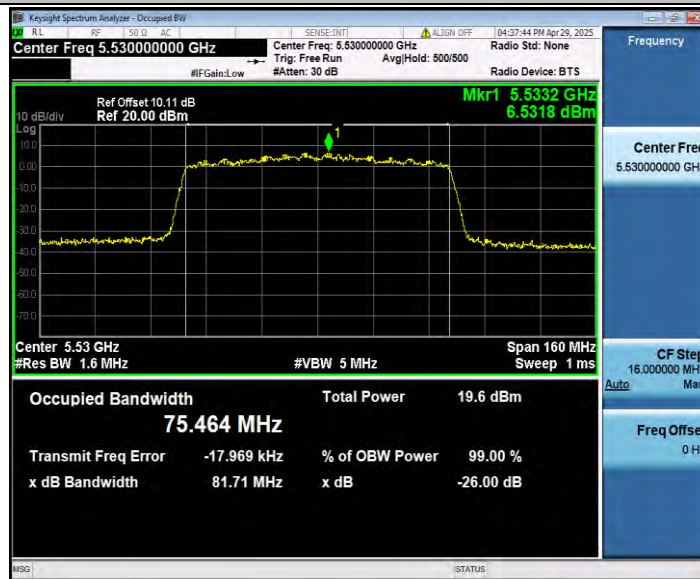
11AC40SISO_Ant1_5590



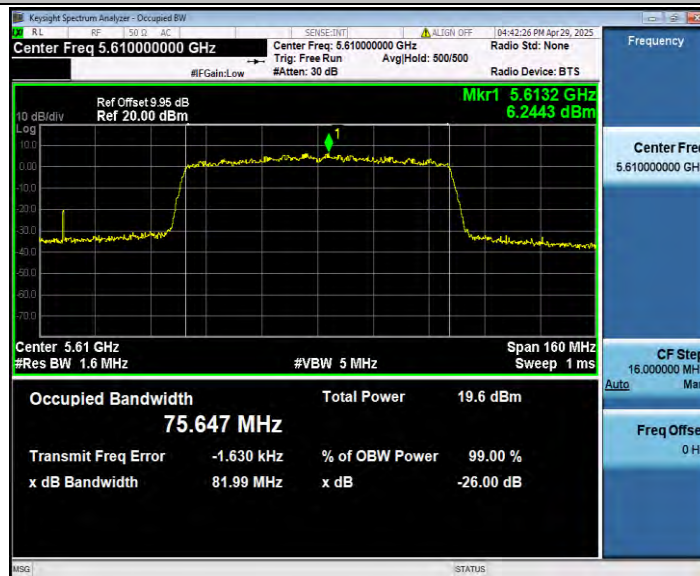
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



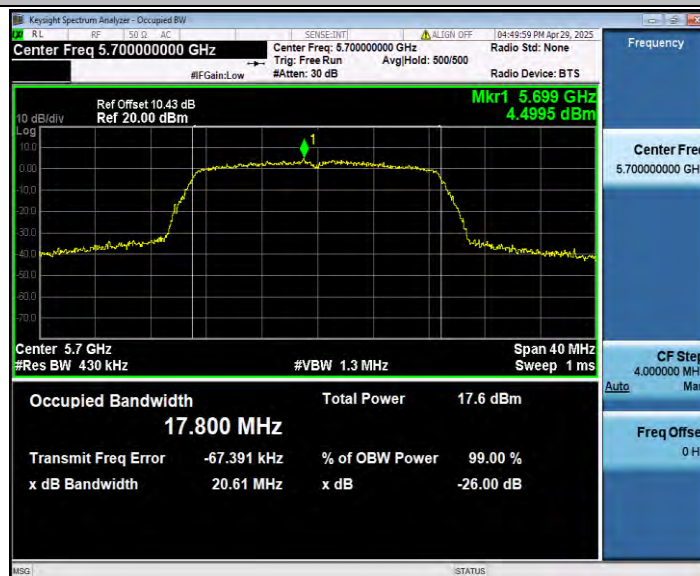
11AX20SISO_Ant1_5500



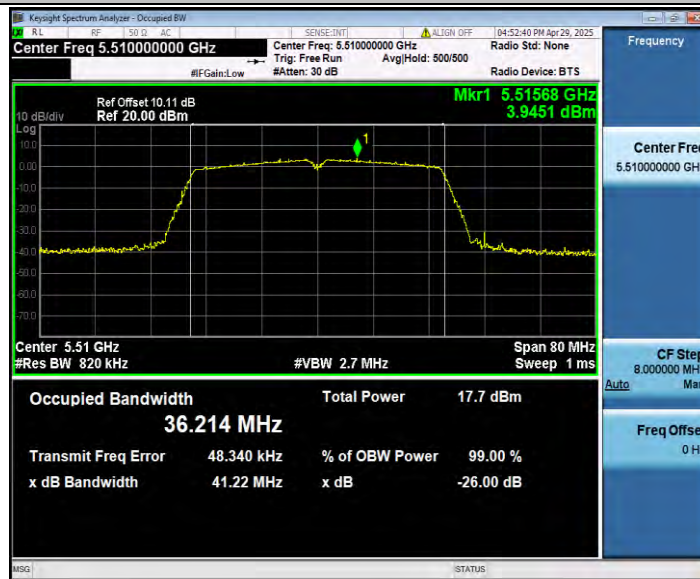
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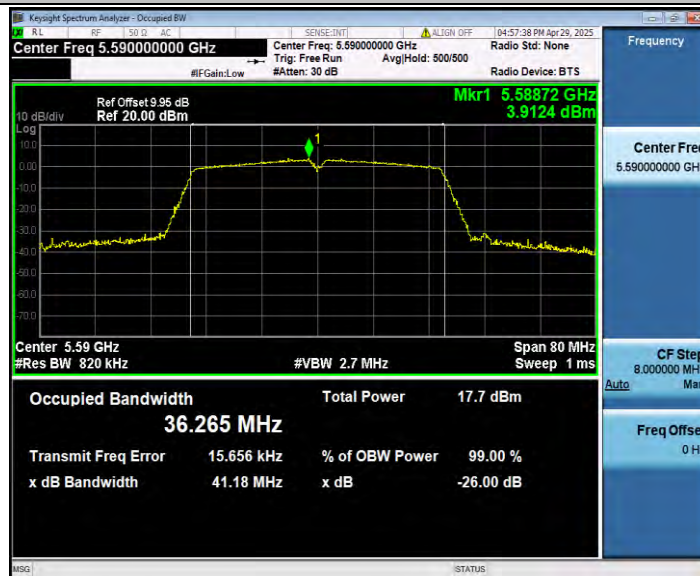
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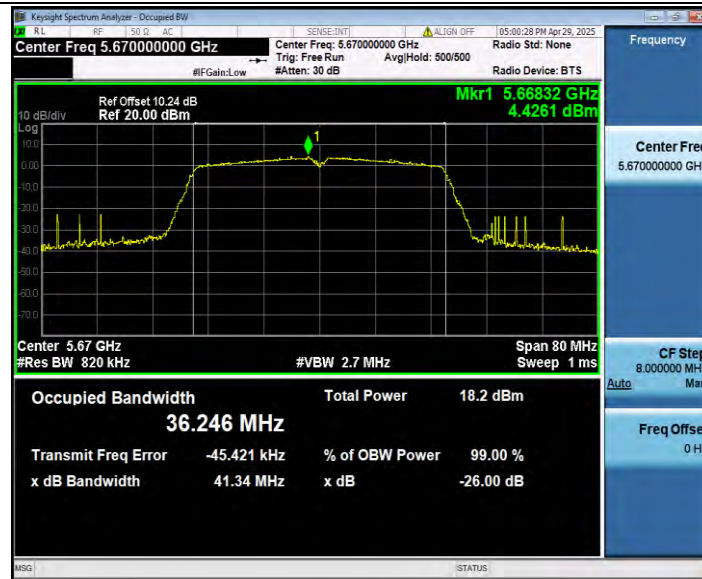
11AX40SISO_Ant1_5510



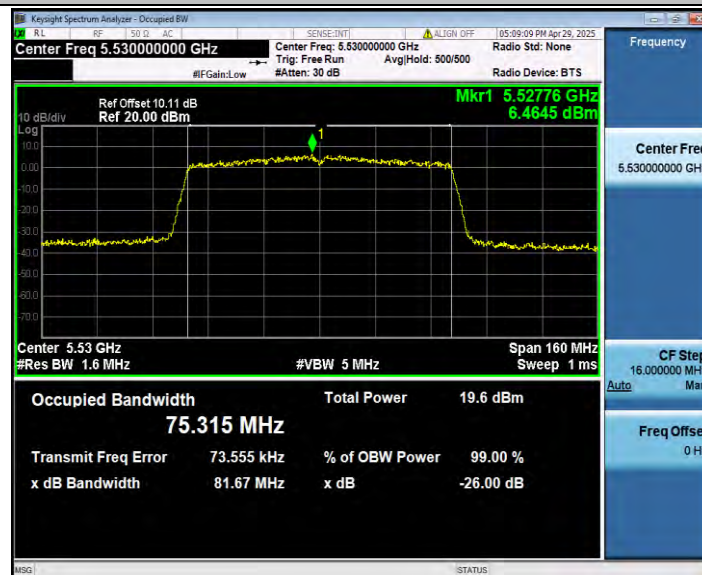
11AX40SISO_Ant1_5590



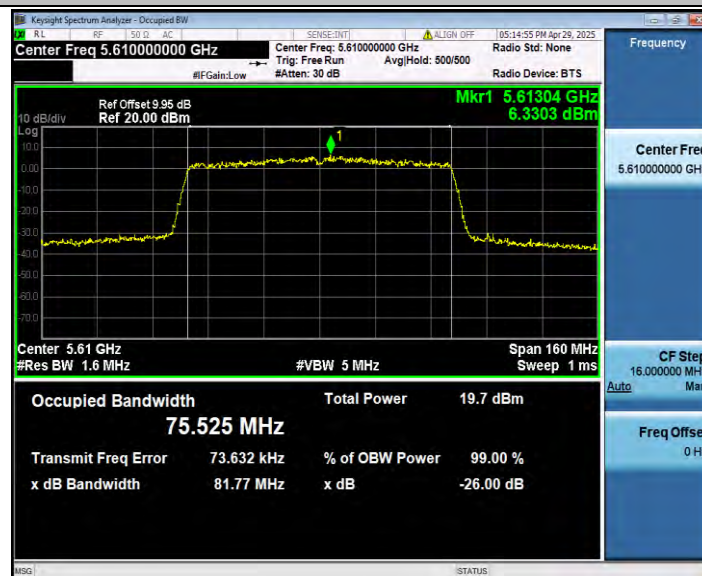
11AX40SISO_Ant1_5670



11AX80ISO_Ant1_5530



11AX80ISO_Ant1_5610

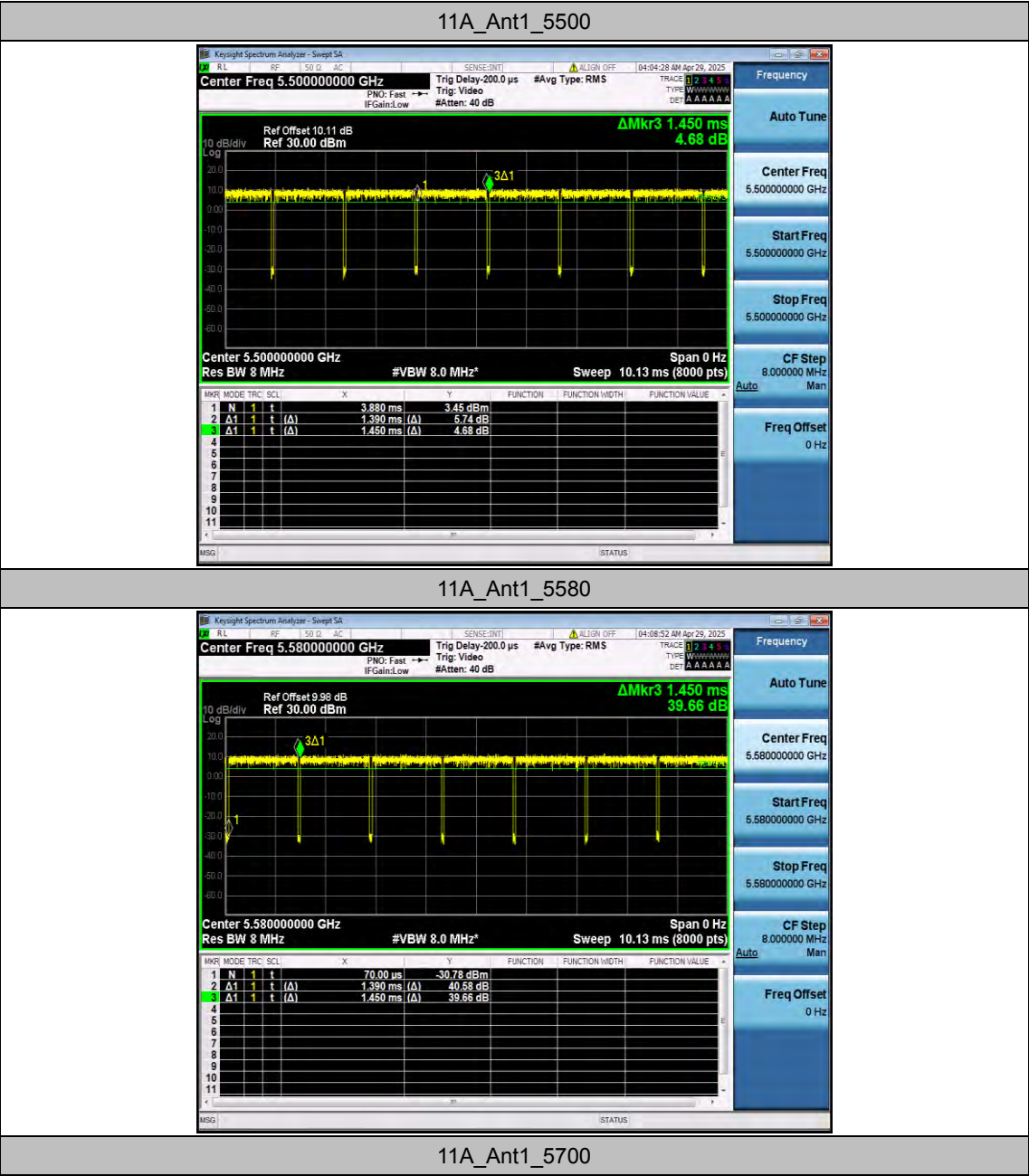


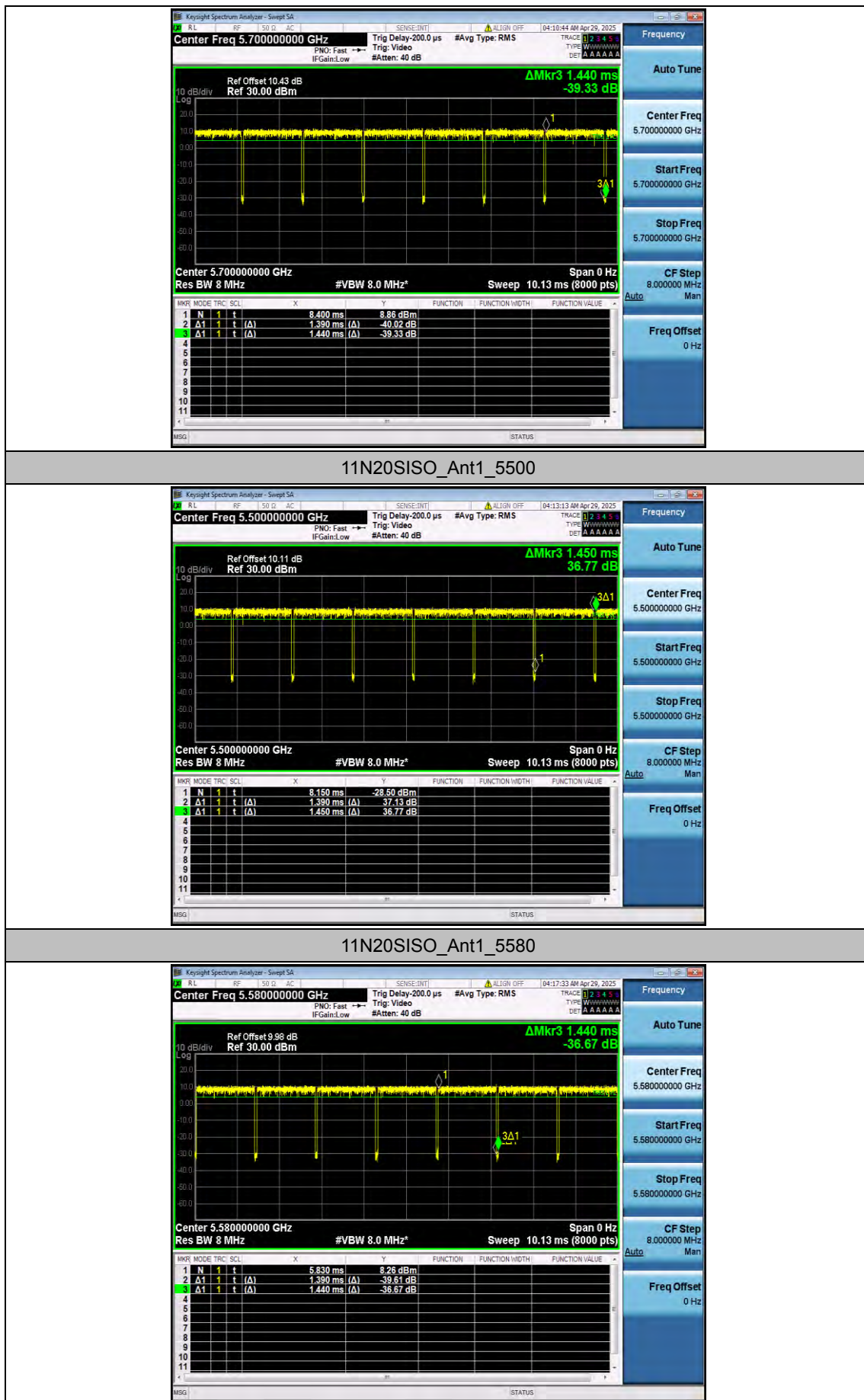
Appendix D.3: Duty Cycle

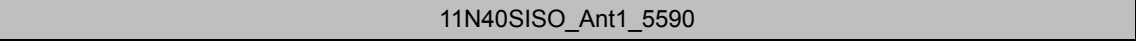
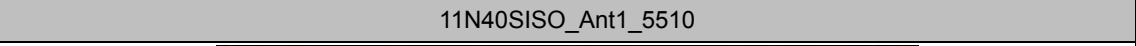
Test Result

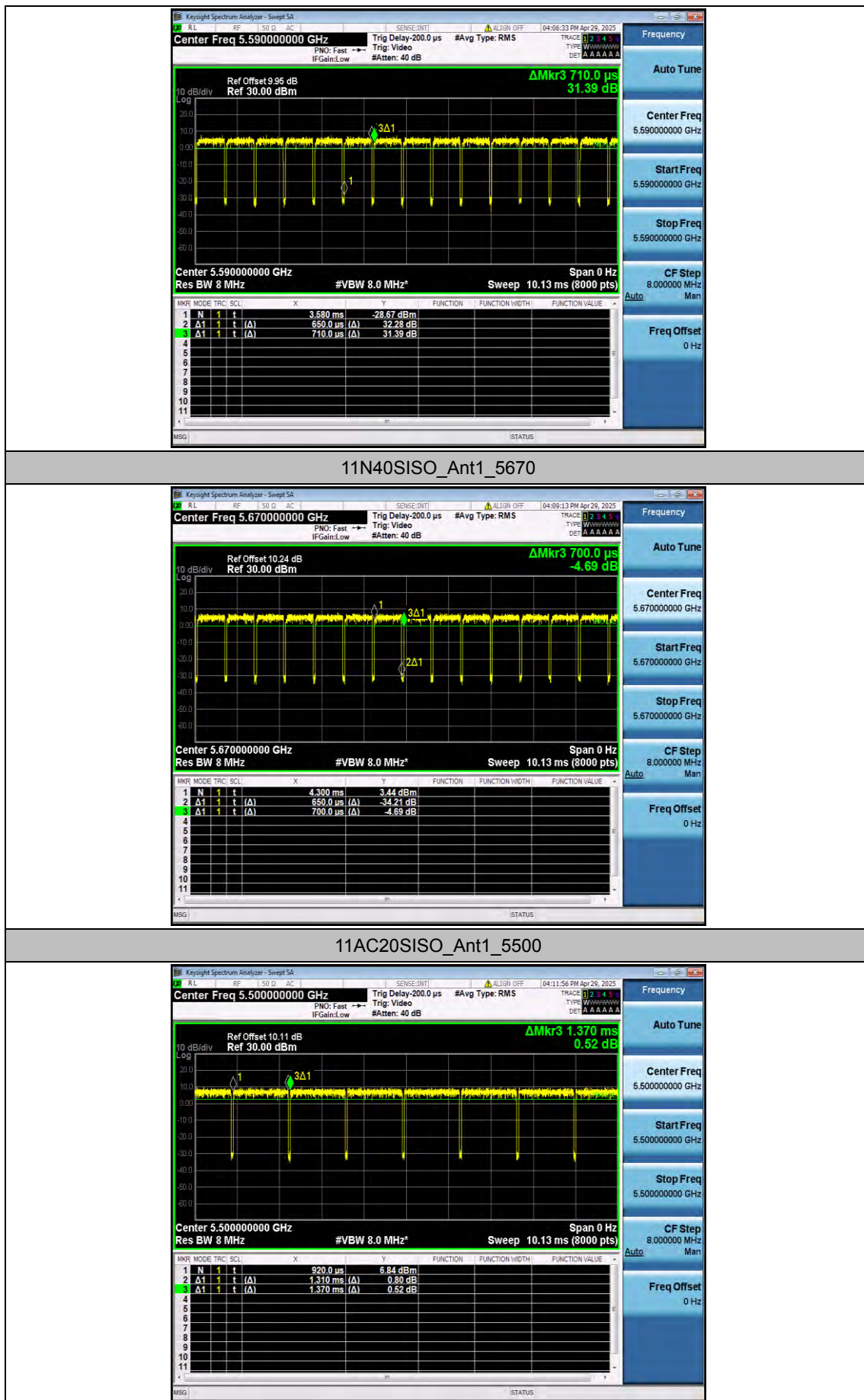
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	1.39	1.45	95.86	0.18	0.72
		5580	1.39	1.45	95.86	0.18	0.72
		5700	1.39	1.44	96.53	0.15	0.72
11N20SISO	Ant1	5500	1.39	1.45	95.86	0.18	0.72
		5580	1.39	1.44	96.53	0.15	0.72
		5700	1.39	1.44	96.53	0.15	0.72
11N40SISO	Ant1	5510	0.65	0.70	92.86	0.32	1.54
		5590	0.65	0.71	91.55	0.38	1.54
		5670	0.65	0.70	92.86	0.32	1.54
11AC20SISO	Ant1	5500	1.31	1.37	95.62	0.19	0.76
		5580	1.31	1.36	96.32	0.16	0.76
		5700	1.31	1.37	95.62	0.19	0.76
11AC40SISO	Ant1	5510	0.65	0.71	91.55	0.38	1.54
		5590	0.65	0.70	92.86	0.32	1.54
		5670	0.65	0.70	92.86	0.32	1.54
11AC80SISO	Ant1	5530	0.33	0.38	86.84	0.61	3.03
		5610	0.33	0.38	86.84	0.61	3.03
11AX20SISO	Ant1	5500	1.31	1.36	96.32	0.16	0.76
		5580	1.30	1.36	95.59	0.20	0.77
		5700	1.31	1.36	96.32	0.16	0.76
11AX40SISO	Ant1	5510	0.65	0.71	91.55	0.38	1.54
		5590	0.65	0.71	91.55	0.38	1.54
		5670	0.65	0.70	92.86	0.32	1.54
11AX80SISO	Ant1	5530	0.33	0.38	86.84	0.61	3.03
		5610	0.32	0.37	86.49	0.63	3.13

Test Graphs

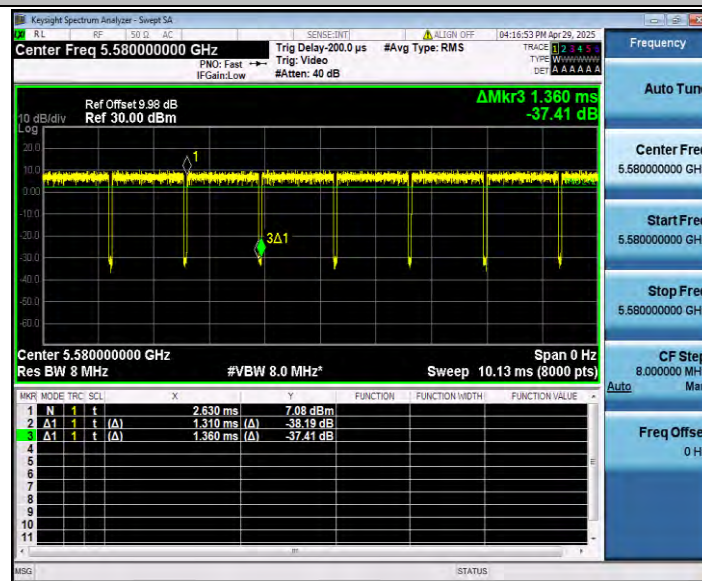




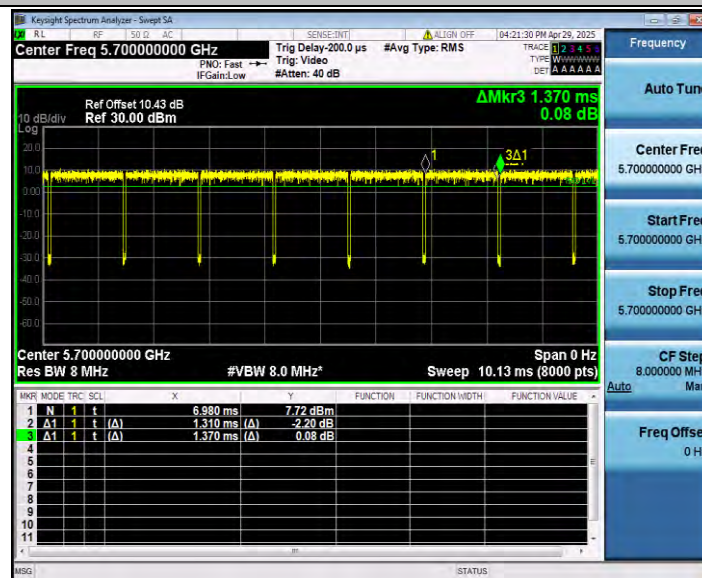




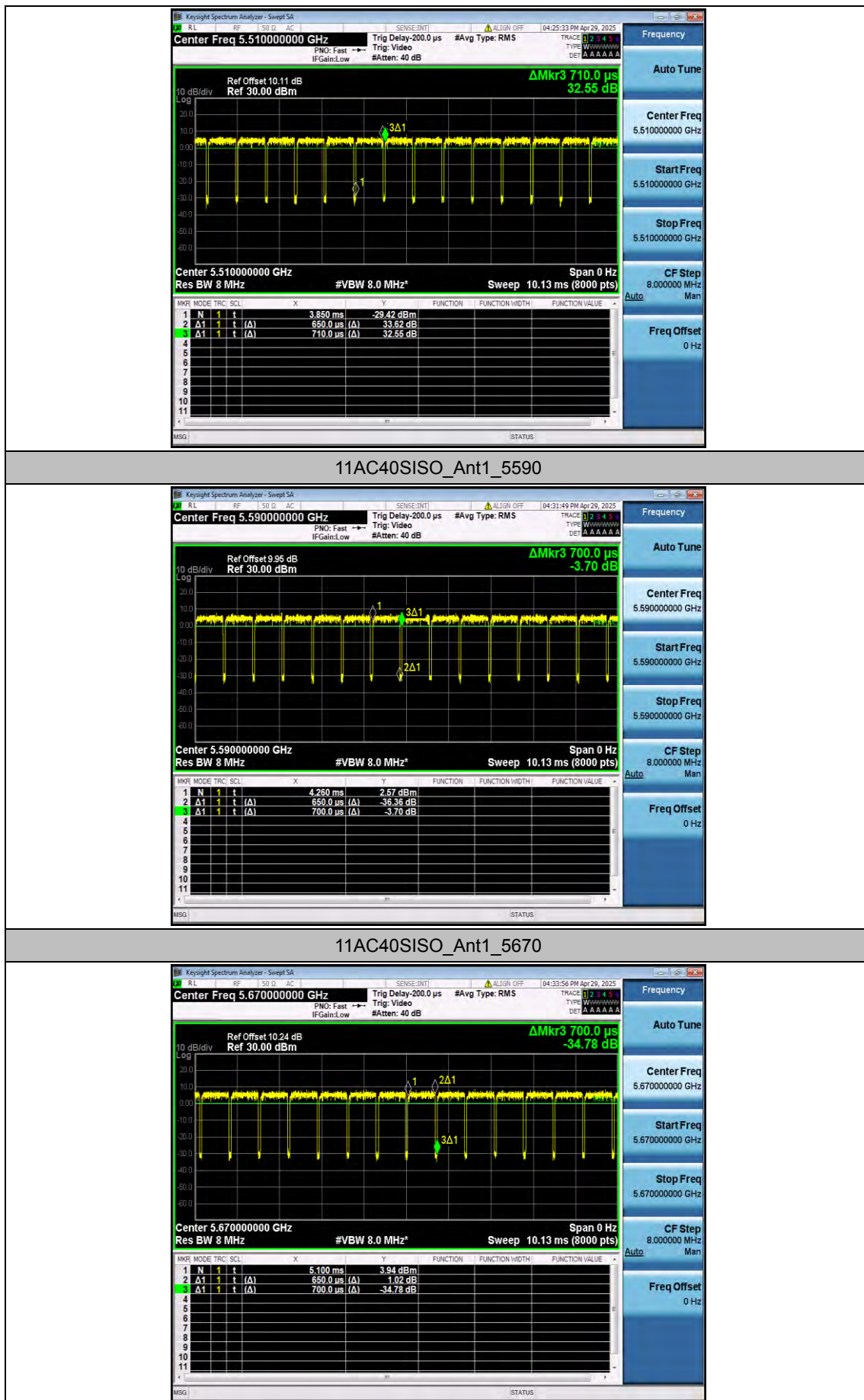
11AC20SISO_Ant1_5580



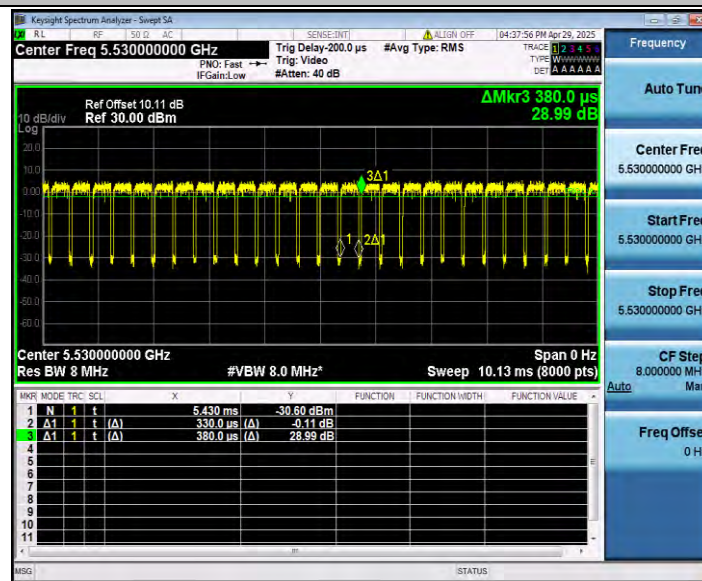
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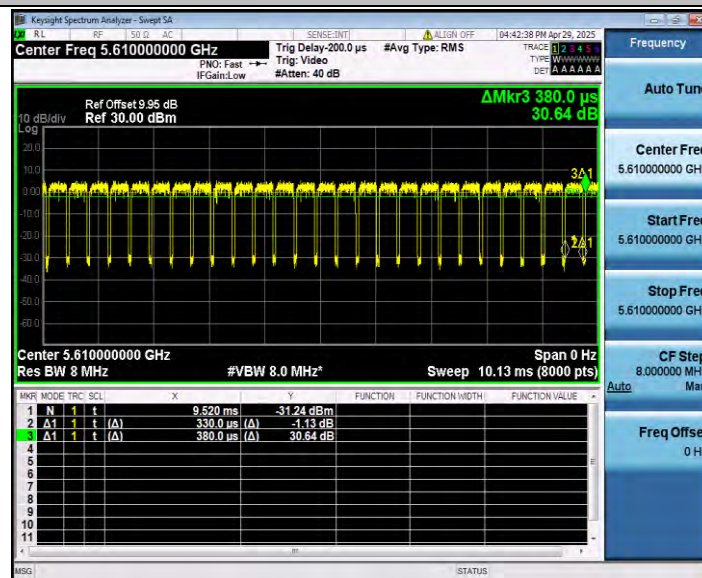
11AC40SISO_Ant1_5510



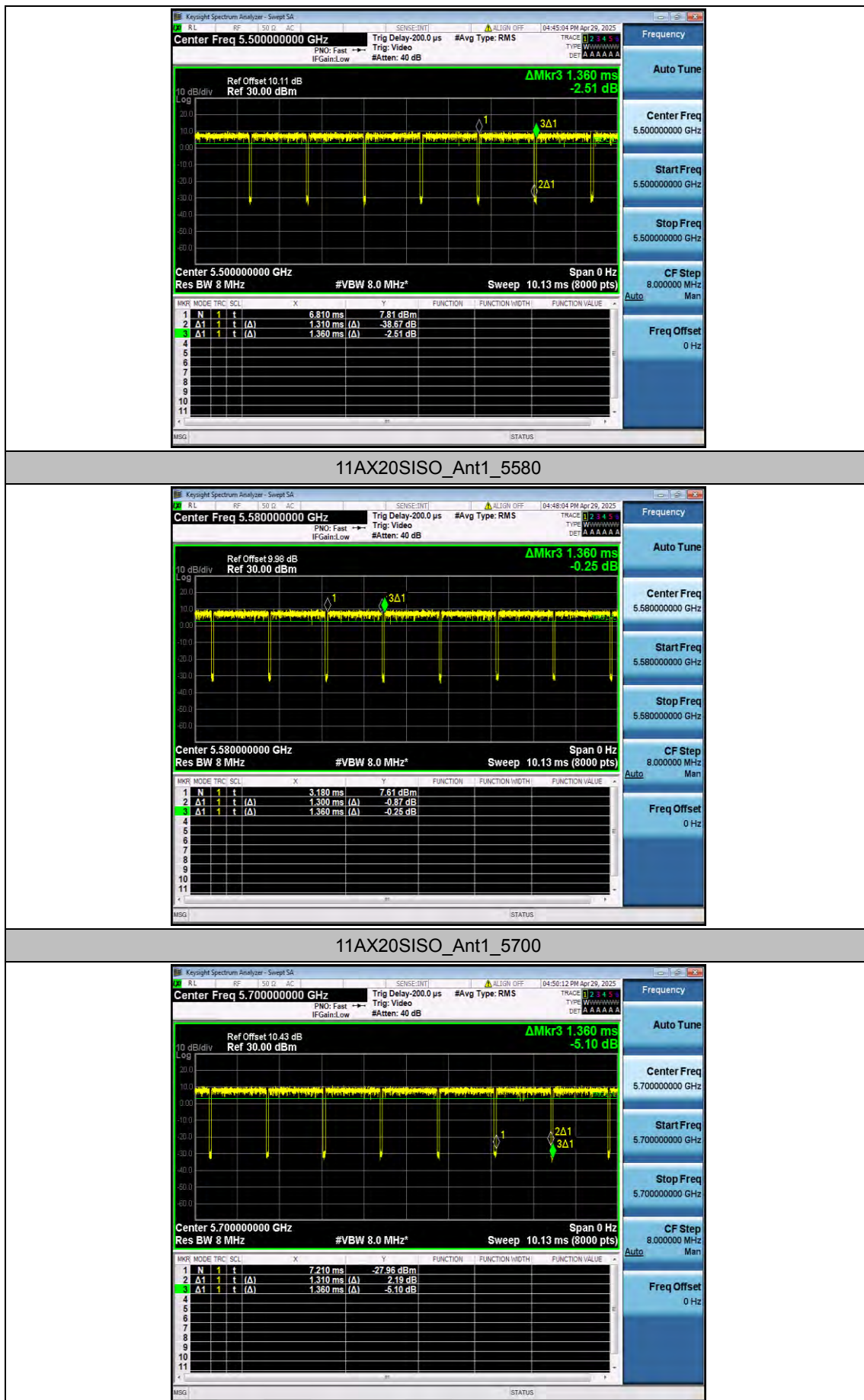
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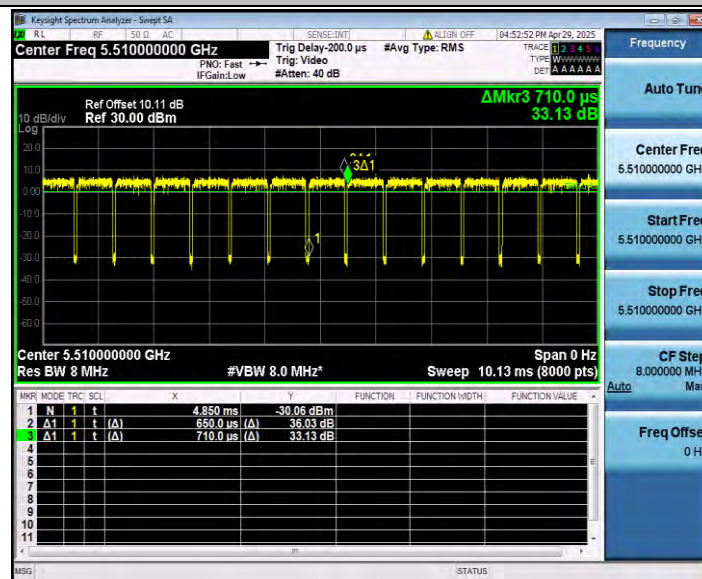
11AC80SISO_Ant1_5610



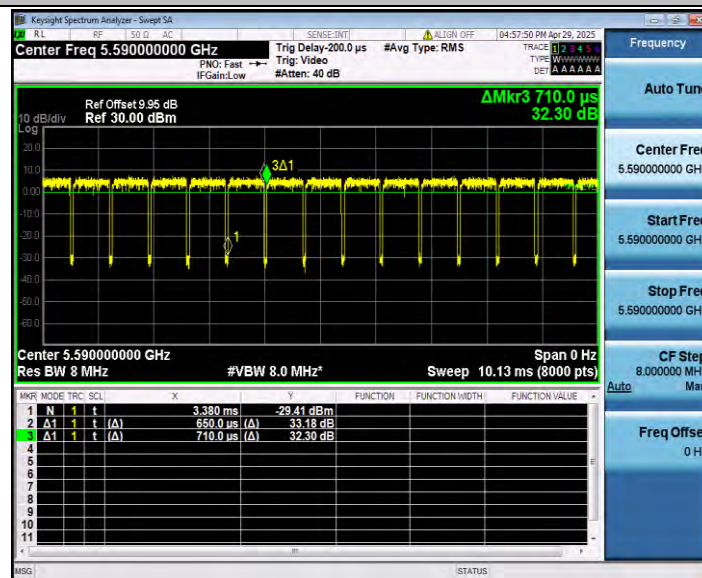
11AX20SISO_Ant1_5500



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670

