

Case No. : <u>GTS20250225016-1-08</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.4.23</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	19.880	5490.040	5509.920	---	---
		5580	20.000	5569.920	5589.920	---	---
		5700	20.000	5689.920	5709.920	---	---
11N20SISO	Ant1	5500	20.040	5490.040	5510.080	---	---
		5580	20.000	5569.960	5589.960	---	---
		5700	19.960	5689.960	5709.920	---	---
11N40SISO	Ant1	5510	40.400	5489.920	5530.320	---	---
		5590	40.480	5569.840	5610.320	---	---
		5670	40.480	5649.760	5690.240	---	---
11AC20SISO	Ant1	5500	20.280	5489.880	5510.160	---	---
		5580	20.240	5569.840	5590.080	---	---
		5700	20.160	5689.840	5710.000	---	---
11AC40SISO	Ant1	5510	40.480	5489.760	5530.240	---	---
		5590	40.560	5569.680	5610.240	---	---
		5670	40.800	5649.600	5690.400	---	---
11AC80SISO	Ant1	5530	80.960	5489.680	5570.640	---	---
		5610	81.600	5569.360	5650.960	---	---
11AX20SISO	Ant1	5500	20.400	5489.840	5510.240	---	---
		5580	20.360	5569.800	5590.160	---	---
		5700	20.360	5689.840	5710.200	---	---
11AX40SISO	Ant1	5510	40.720	5489.680	5530.400	---	---
		5590	40.800	5569.520	5610.320	---	---
		5670	40.560	5649.600	5690.160	---	---
11AX80SISO	Ant1	5530	81.120	5489.520	5570.640	---	---
		5610	81.120	5569.520	5650.640	---	---

Test Graphs





11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



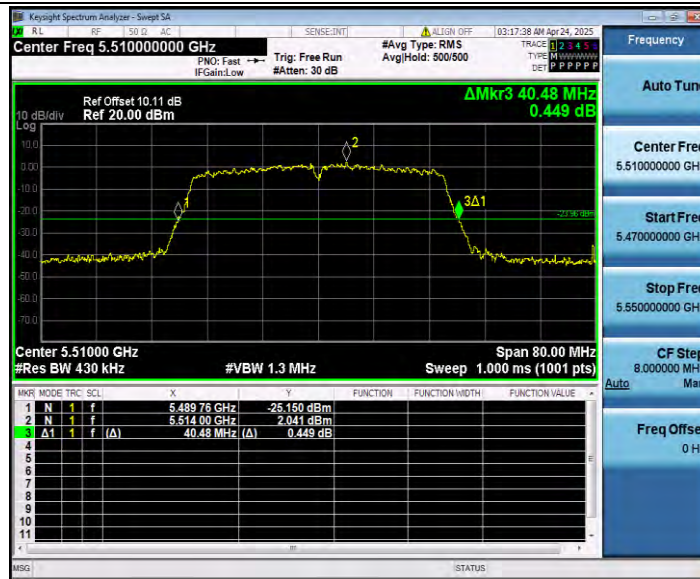
11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510

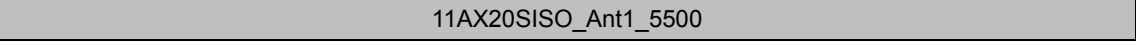
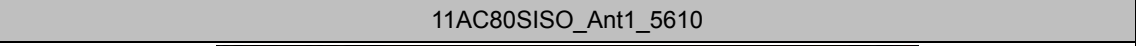


11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670







11AX40SISO_Ant1_5510



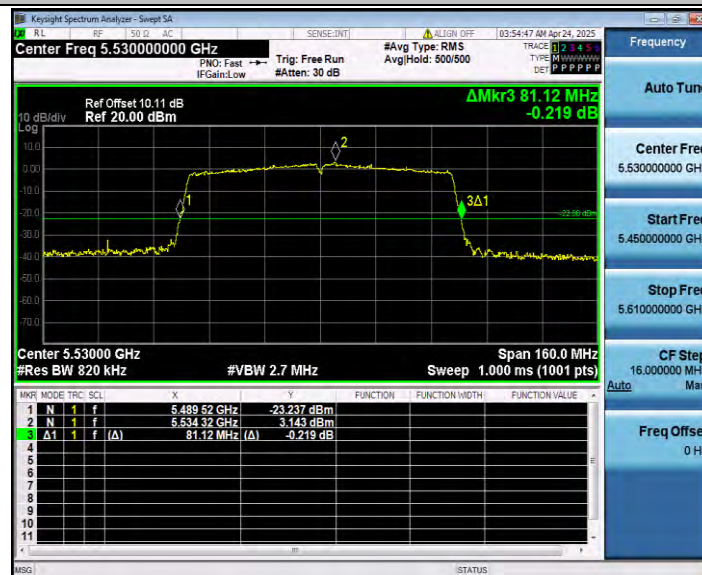
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11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

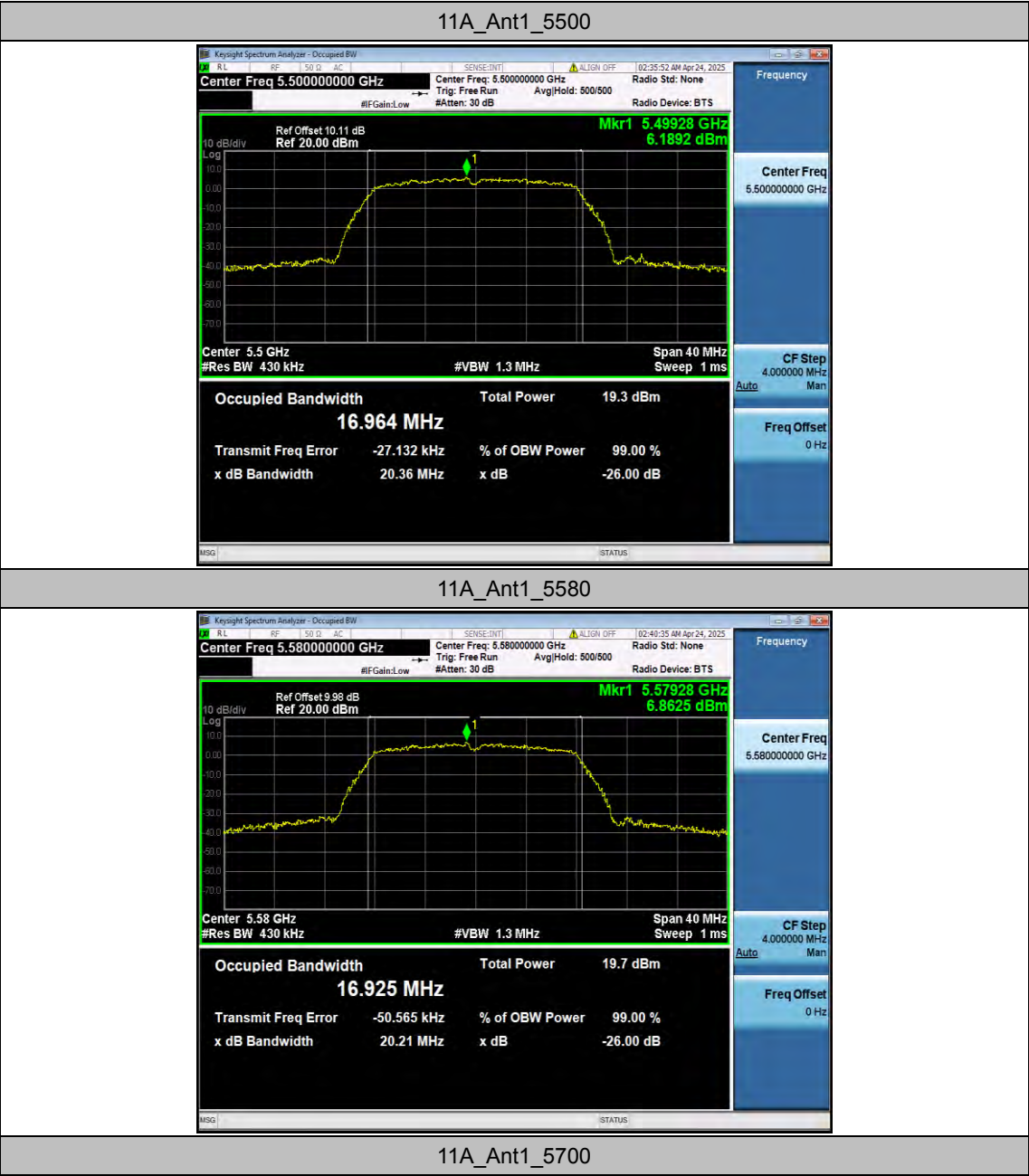


Appendix D.2: Occupied channel bandwidth

Test Result

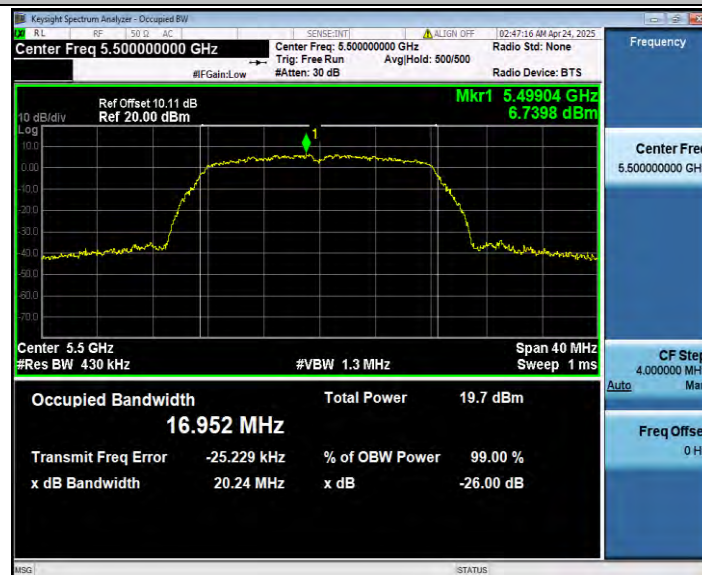
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	16.964	5491.4909	5508.4549	---	---
		5580	16.925	5571.4869	5588.4119	---	---
		5700	16.942	5691.4475	5708.3895	---	---
11N20SISO	Ant1	5500	16.952	5491.4988	5508.4508	---	---
		5580	16.970	5571.4267	5588.3967	---	---
		5700	16.919	5691.4401	5708.3591	---	---
11N40SISO	Ant1	5510	36.096	5491.9984	5528.0944	---	---
		5590	36.172	5571.8686	5608.0406	---	---
		5670	36.165	5651.8443	5688.0093	---	---
11AC20SISO	Ant1	5500	17.868	5491.0692	5508.9372	---	---
		5580	17.818	5571.0366	5588.8546	---	---
		5700	17.854	5691.0230	5708.8770	---	---
11AC40SISO	Ant1	5510	36.108	5491.9877	5528.0957	---	---
		5590	36.150	5571.8738	5608.0238	---	---
		5670	36.128	5651.8842	5688.0122	---	---
11AC80SISO	Ant1	5530	75.328	5492.3412	5567.6692	---	---
		5610	75.658	5572.1961	5647.8541	---	---
11AX20SISO	Ant1	5500	17.822	5491.0799	5508.9019	---	---
		5580	17.858	5571.0341	5588.8921	---	---
		5700	17.867	5691.0104	5708.8774	---	---
11AX40SISO	Ant1	5510	36.232	5491.9214	5528.1534	---	---
		5590	36.311	5571.8189	5608.1299	---	---
		5670	36.243	5651.8399	5688.0829	---	---
11AX80SISO	Ant1	5530	75.298	5492.3951	5567.6931	---	---
		5610	75.529	5572.2882	5647.8172	---	---

Test Graphs

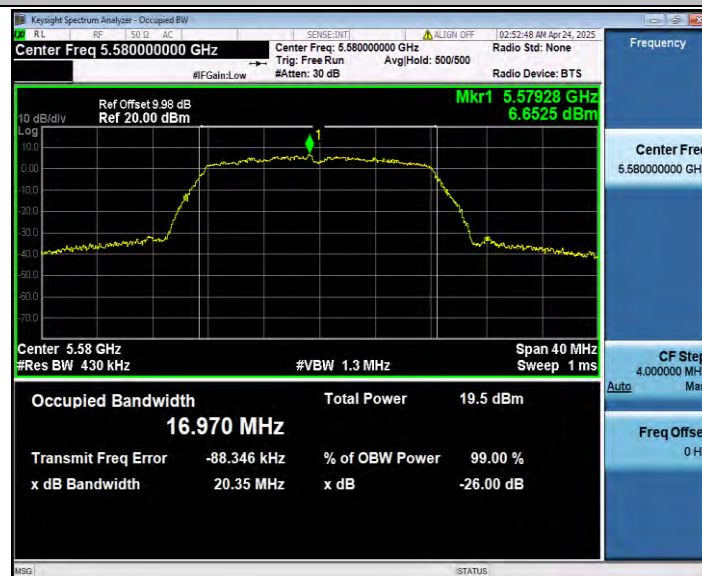




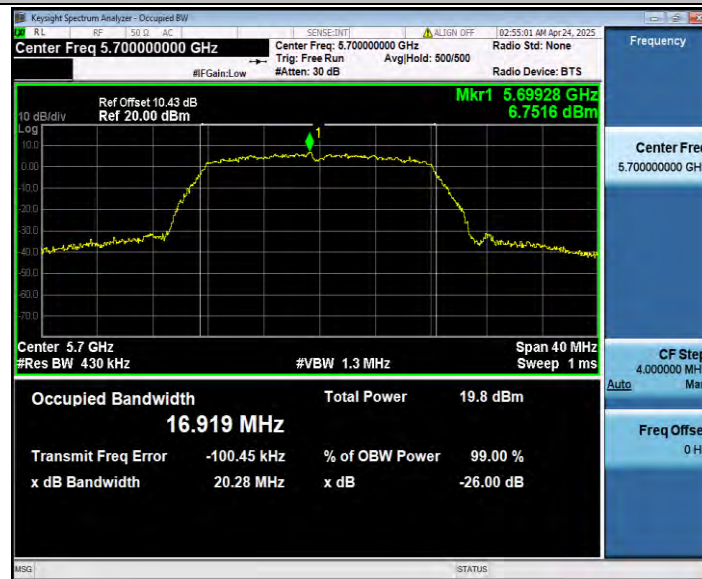
11N20SISO_Ant1_5500



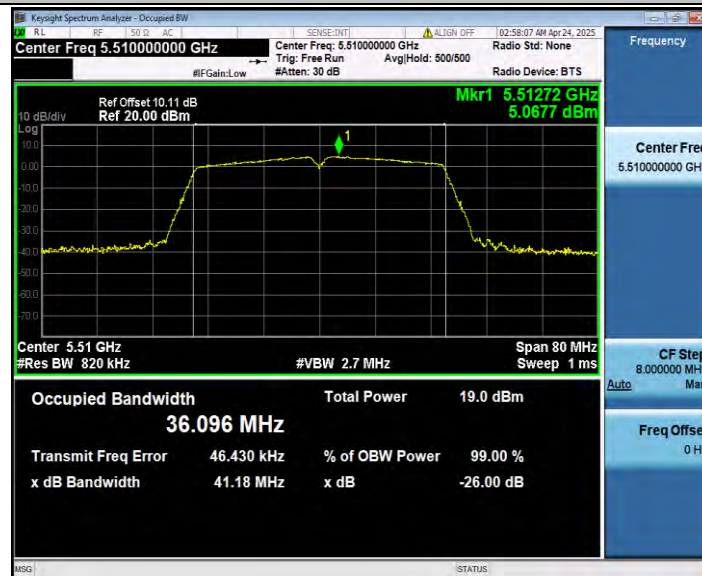
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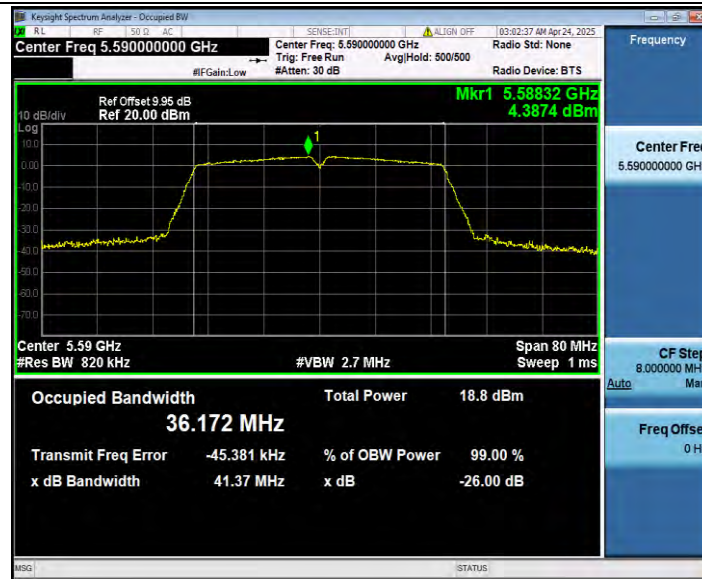
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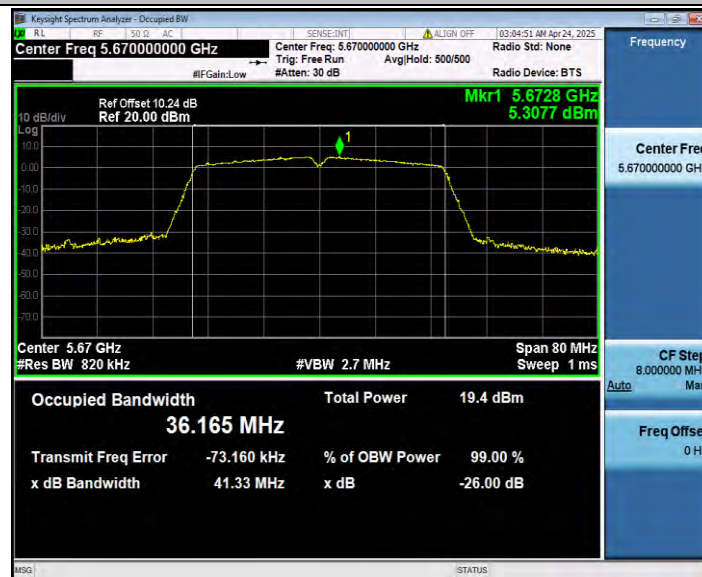
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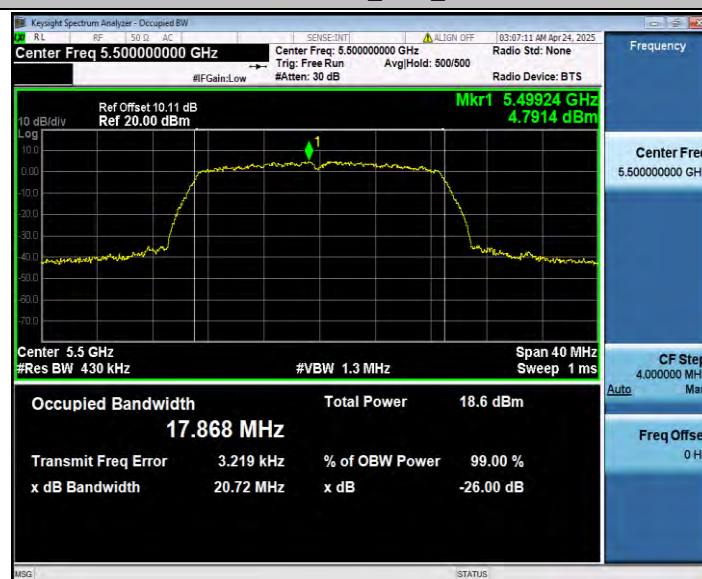
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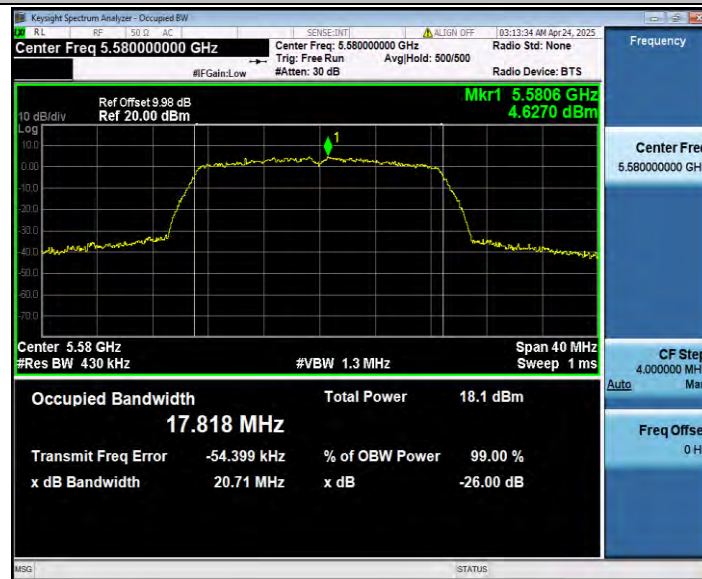
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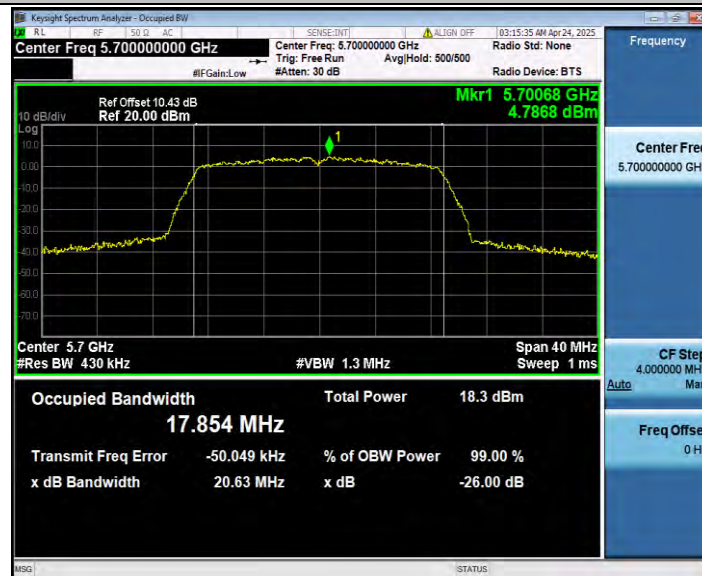
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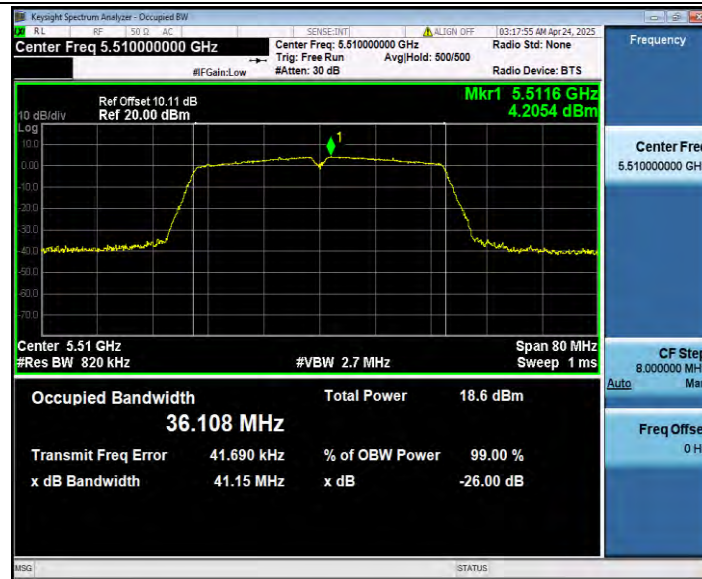
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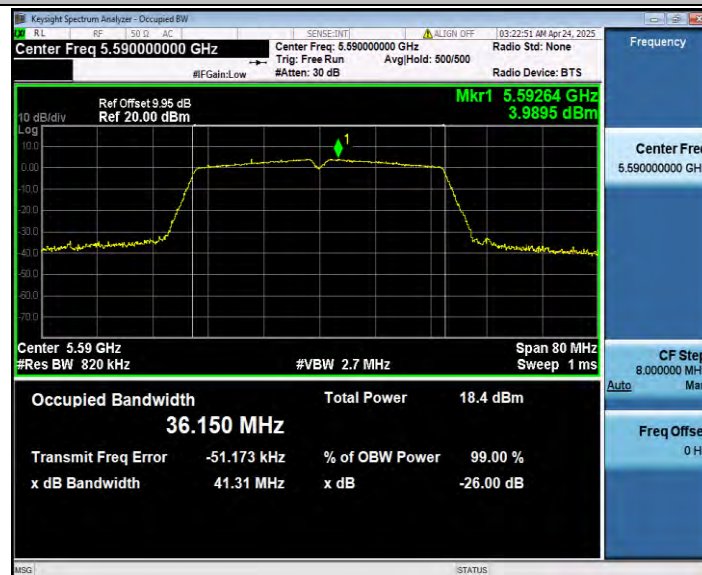
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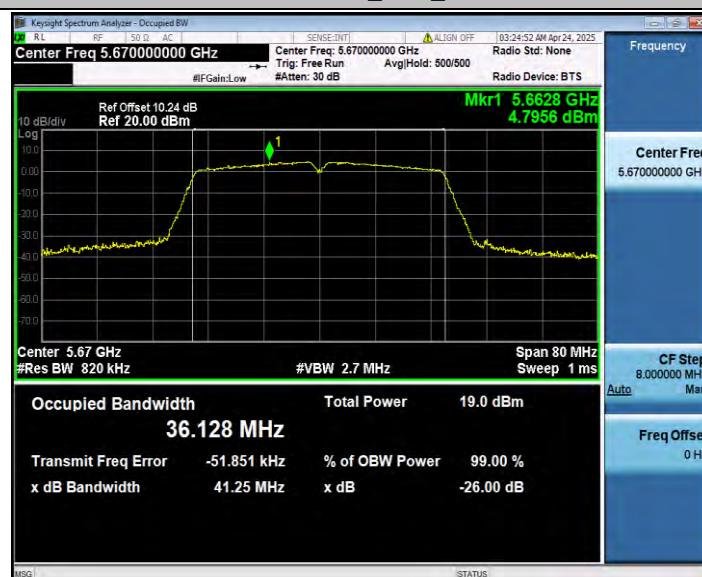
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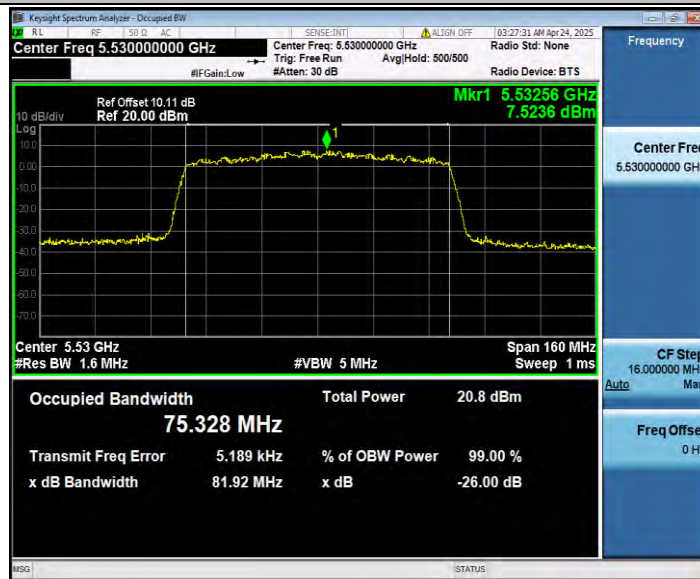
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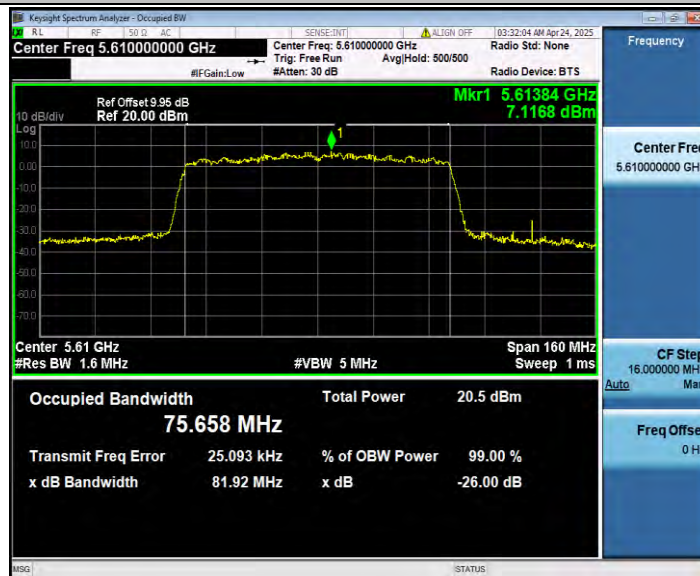
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



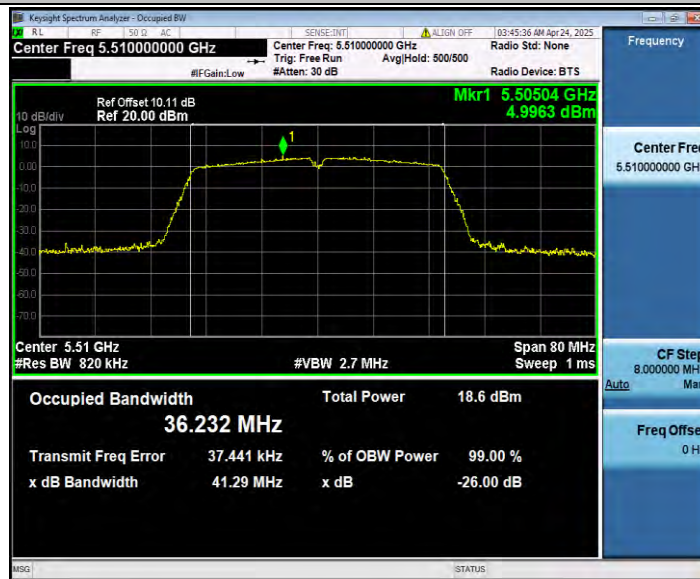
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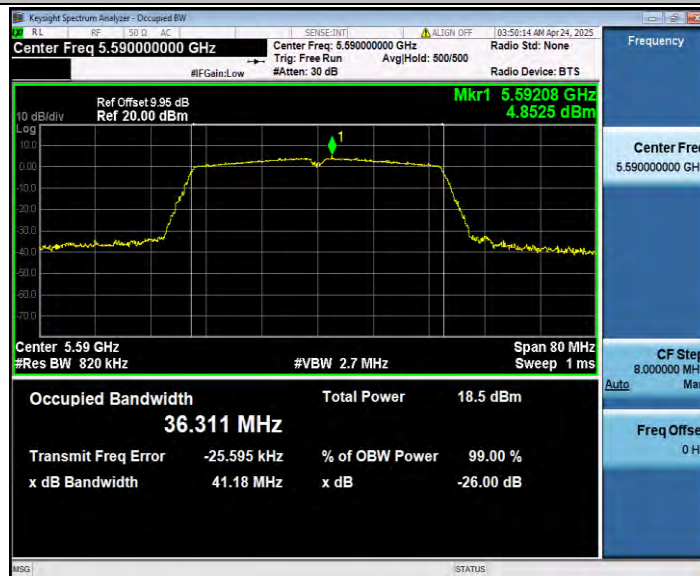
11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



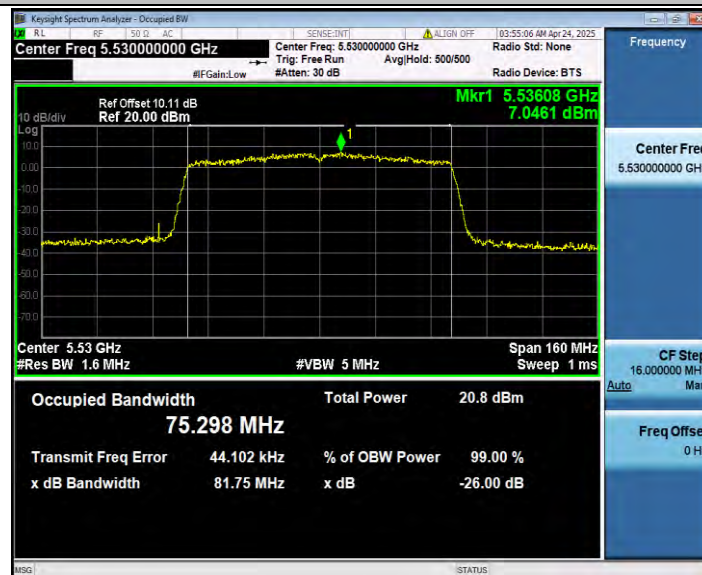
11AX40SISO_Ant1_5590



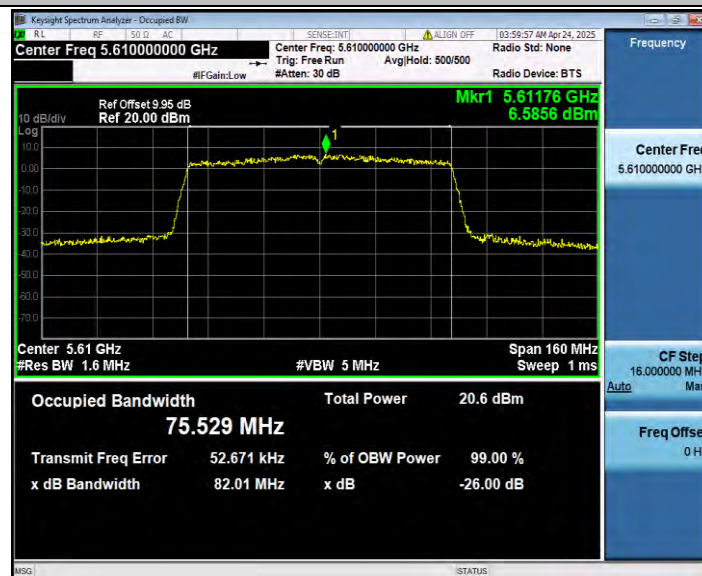
11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

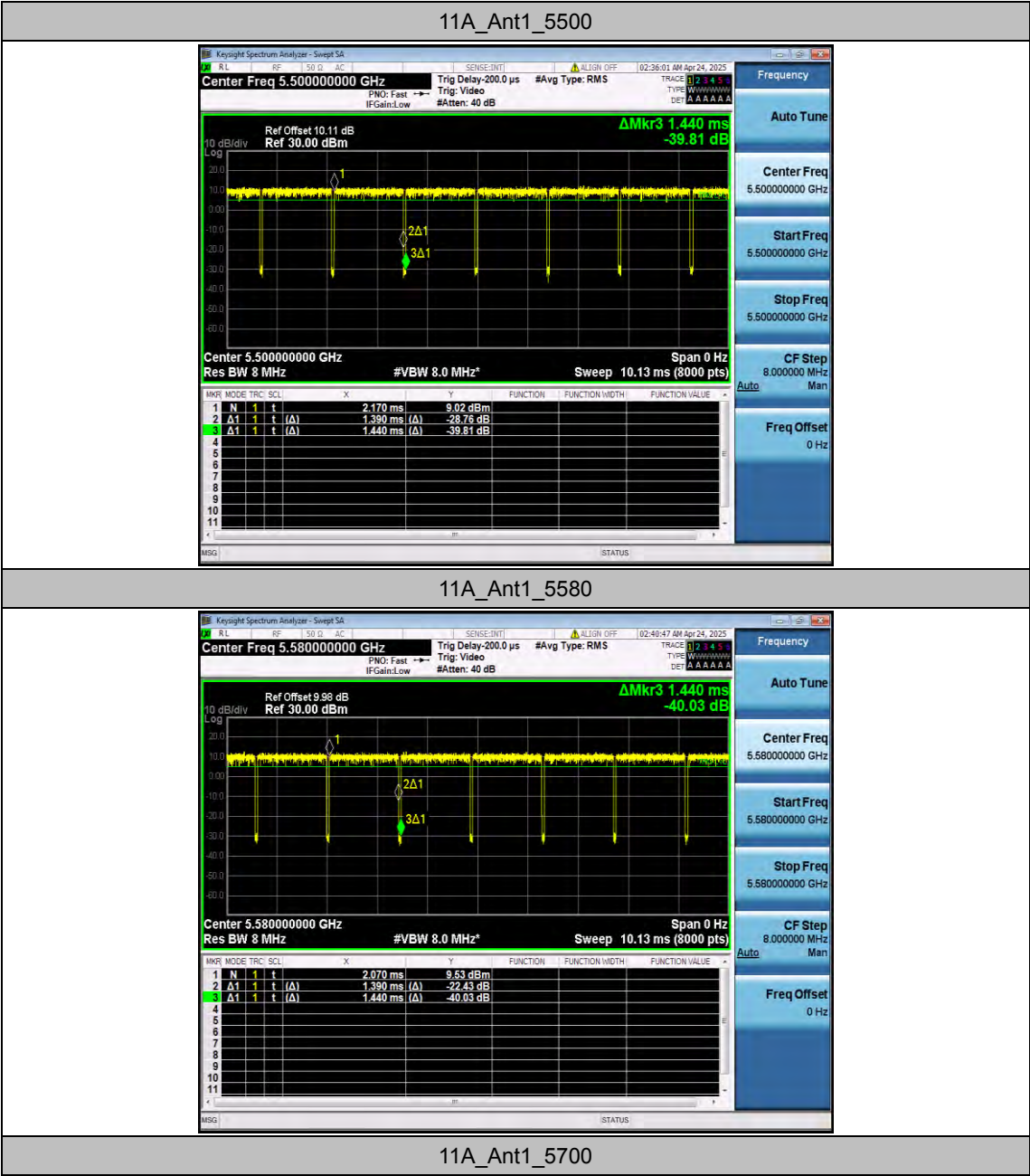


Appendix D.3: Duty Cycle

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	1.44	96.53	0.15	0.72
		5580	1.39	1.44	96.53	0.15	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	1.45	95.86	0.18	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	1.37	95.62	0.19	0.76
		5700	1.31	1.36	96.32	0.16	0.76
11AC40SISO	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	0.71	91.55	0.38	1.54
11AC80SISO	Ant1	5530	0.32	0.37	86.49	0.63	3.13
		5610	0.32	0.37	86.49	0.63	3.13
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	1.37	95.62	0.19	0.76
11AX40SISO	Ant1	5510	0.65	0.70	92.86	0.32	1.54
		5590	0.65	0.70	92.86	0.32	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	0.38	84.21	0.75	3.13

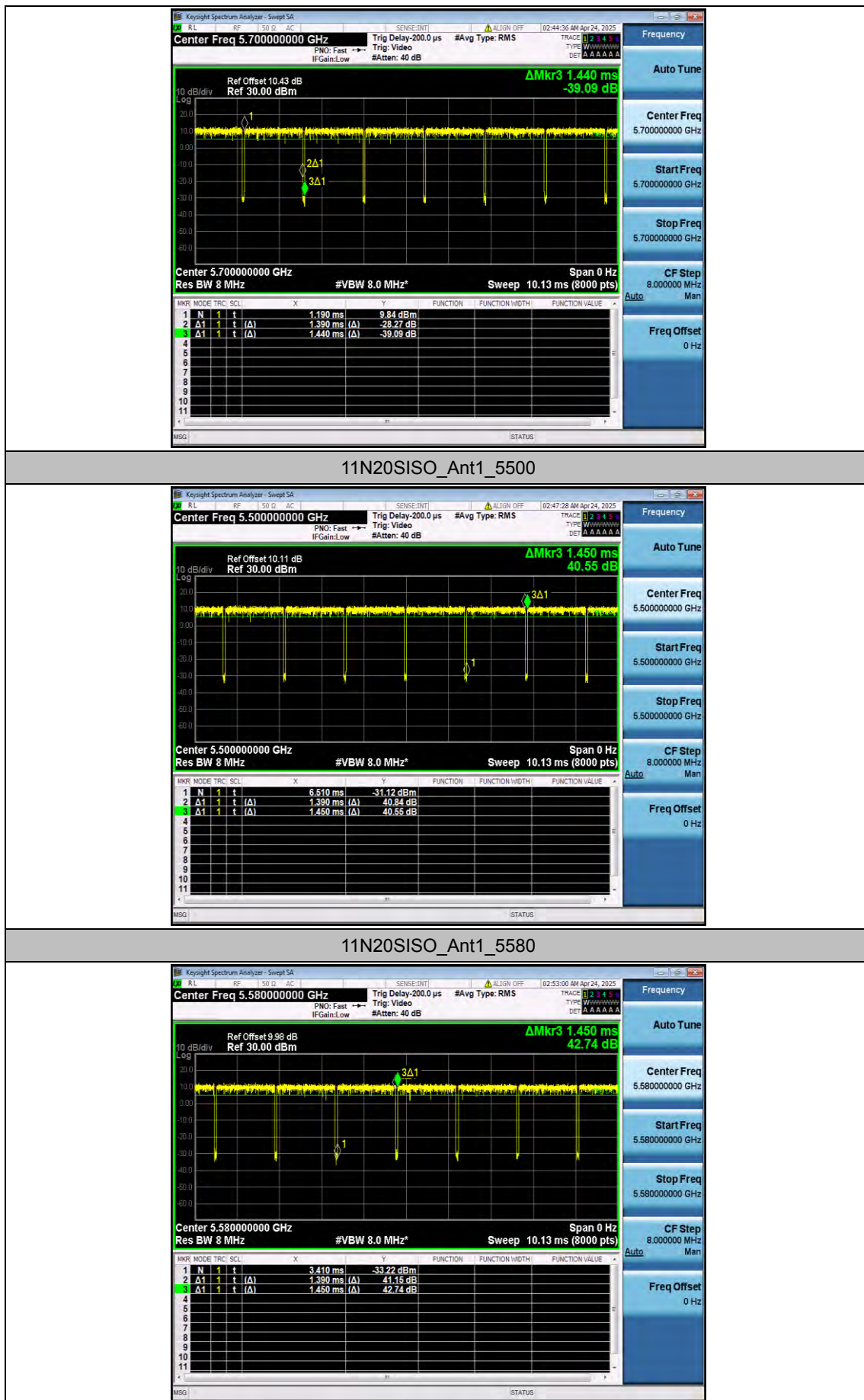
Test Graphs



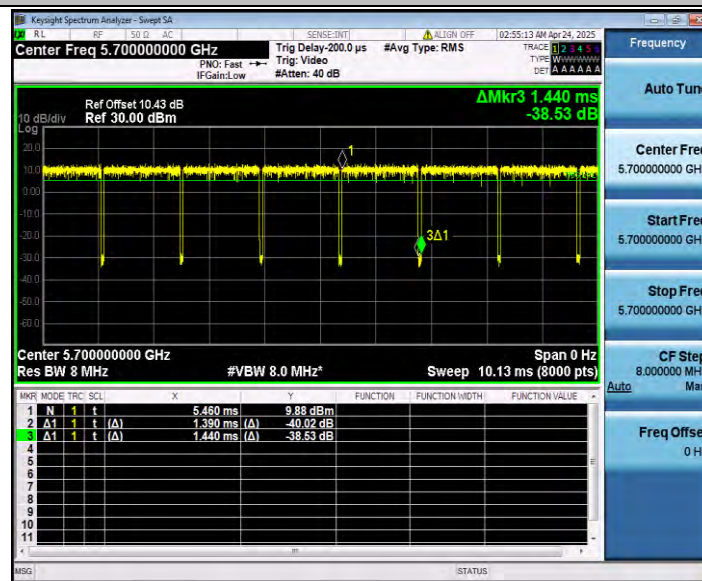
11A_Ant1_5580

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Auto Tune
Center Freq 5.580000000 GHz
Start Freq 5.580000000 GHz
Stop Freq 5.580000000 GHz
CF Step 8.0000000 MHz
Freq Offset 0 Hz

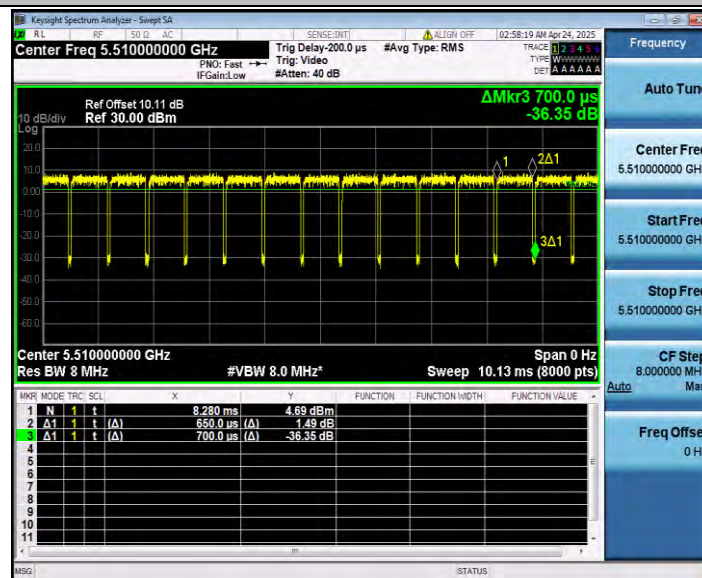
11A_Ant1_5700



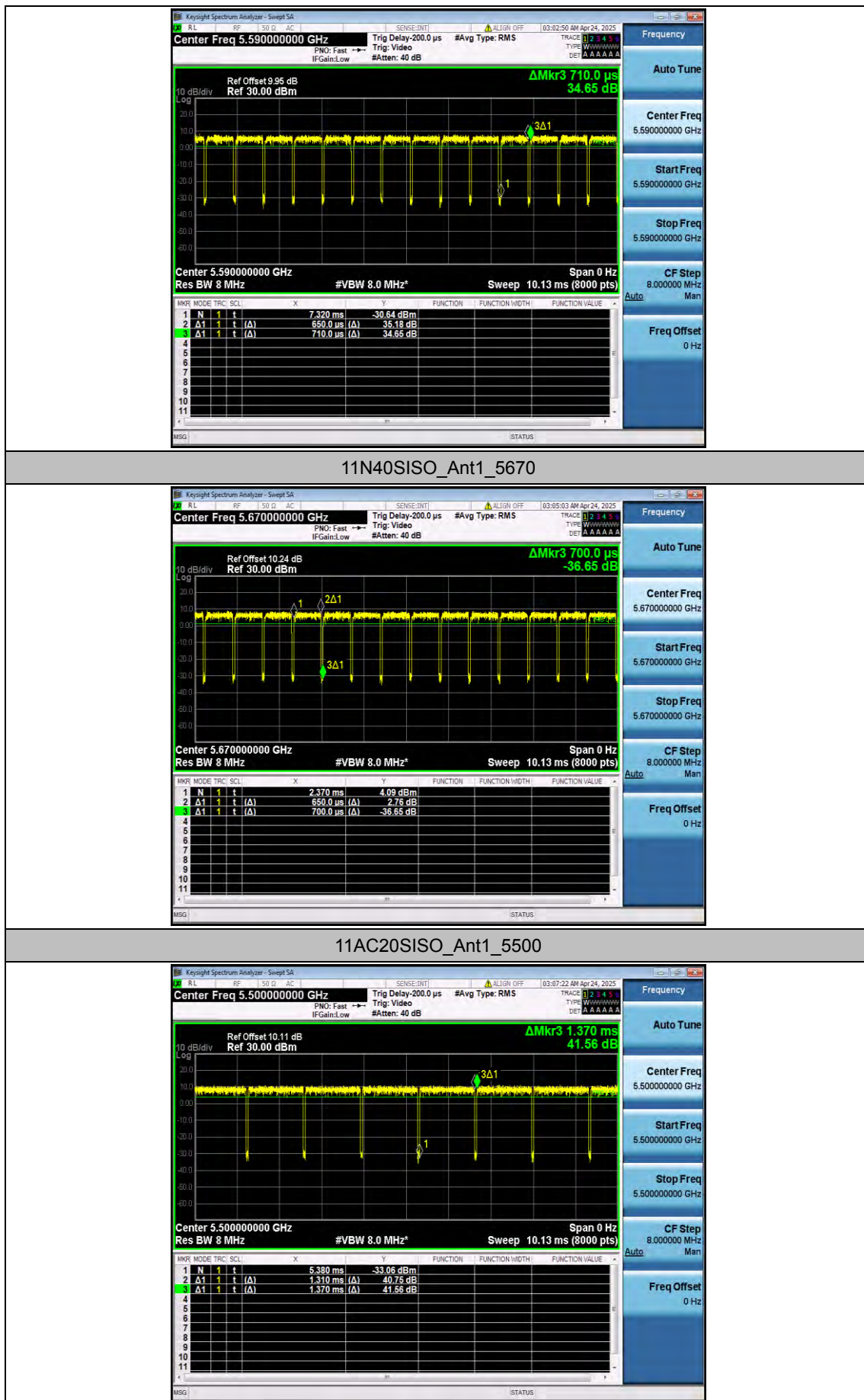
11N20SISO_Ant1_5700

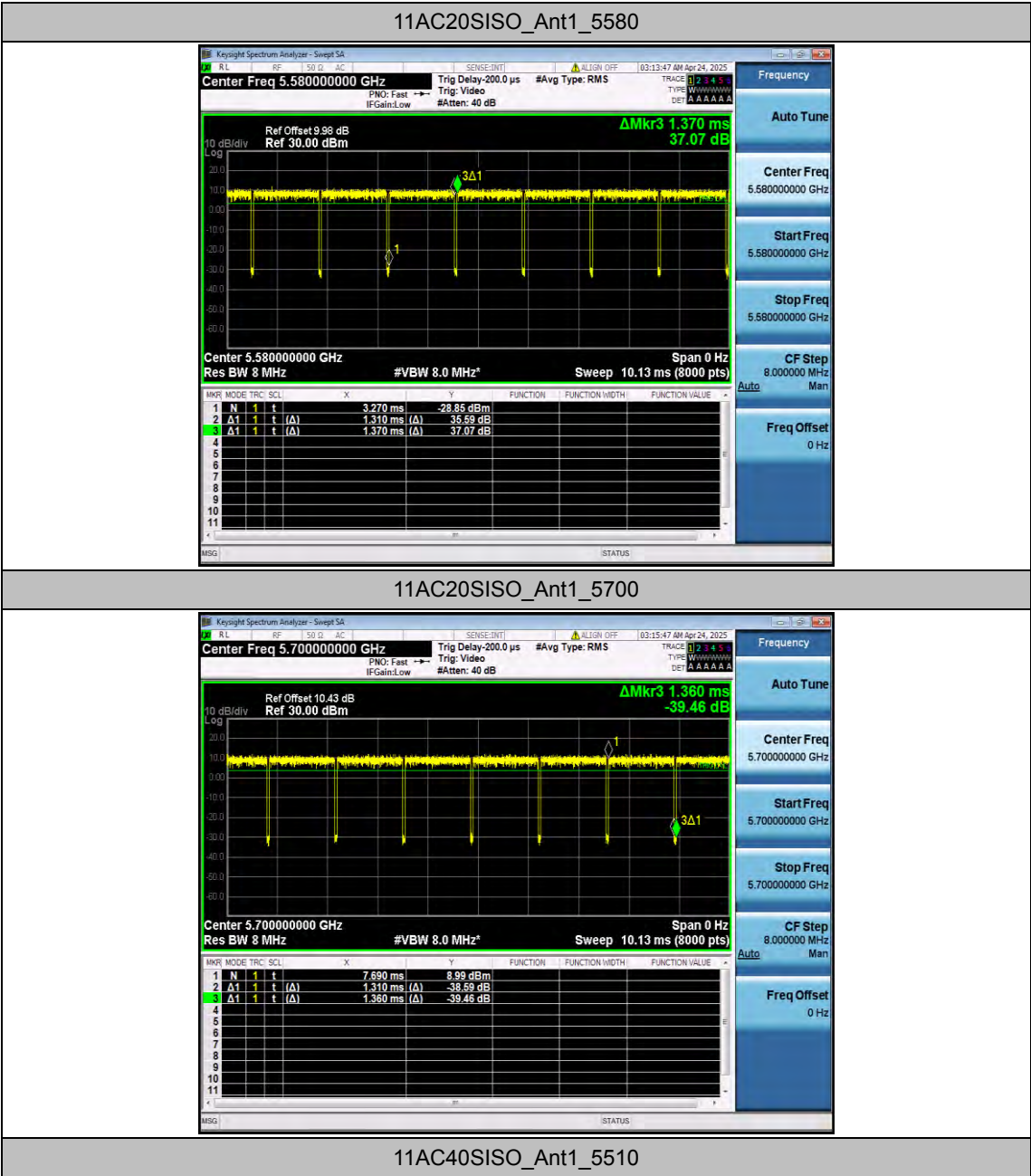


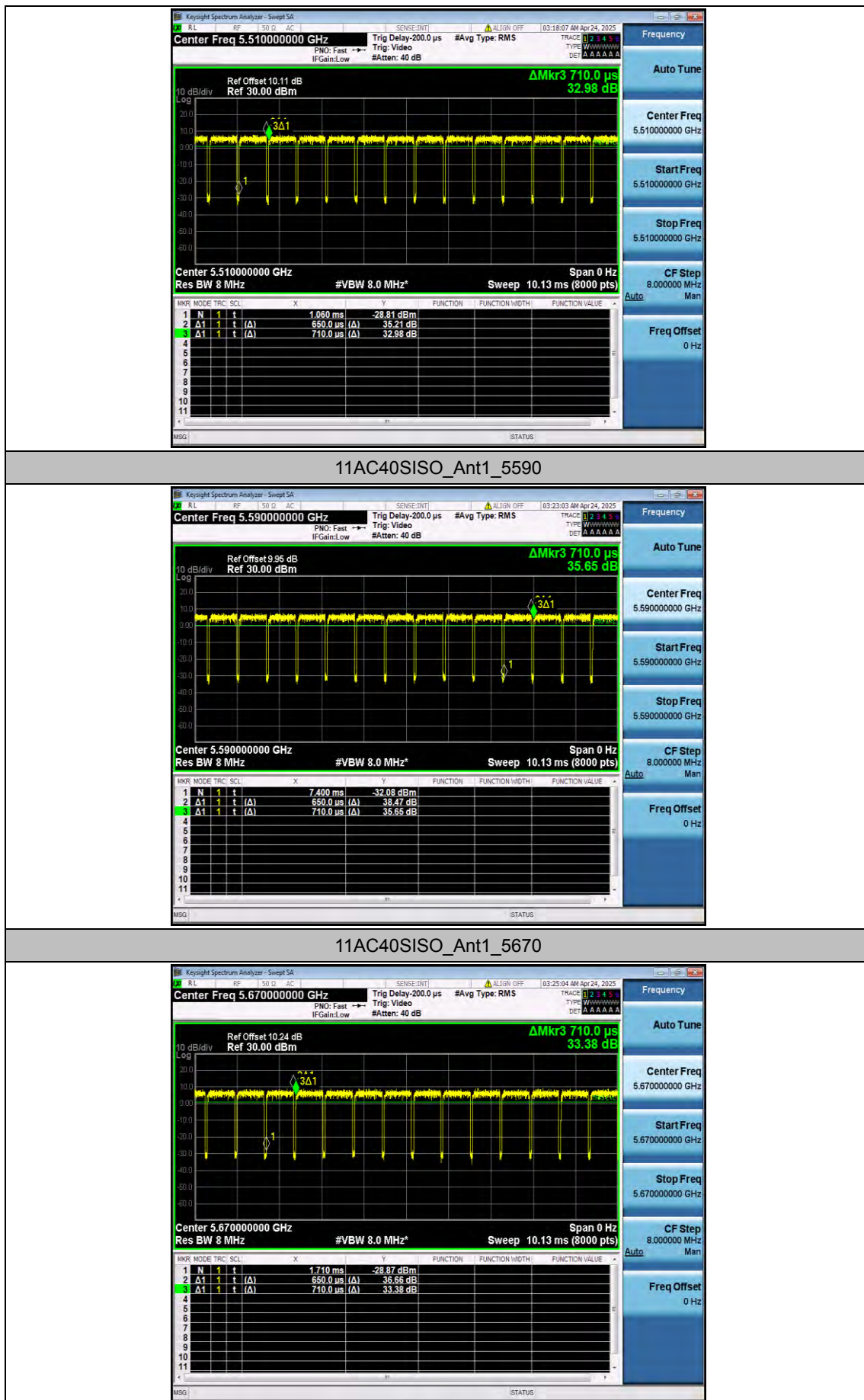
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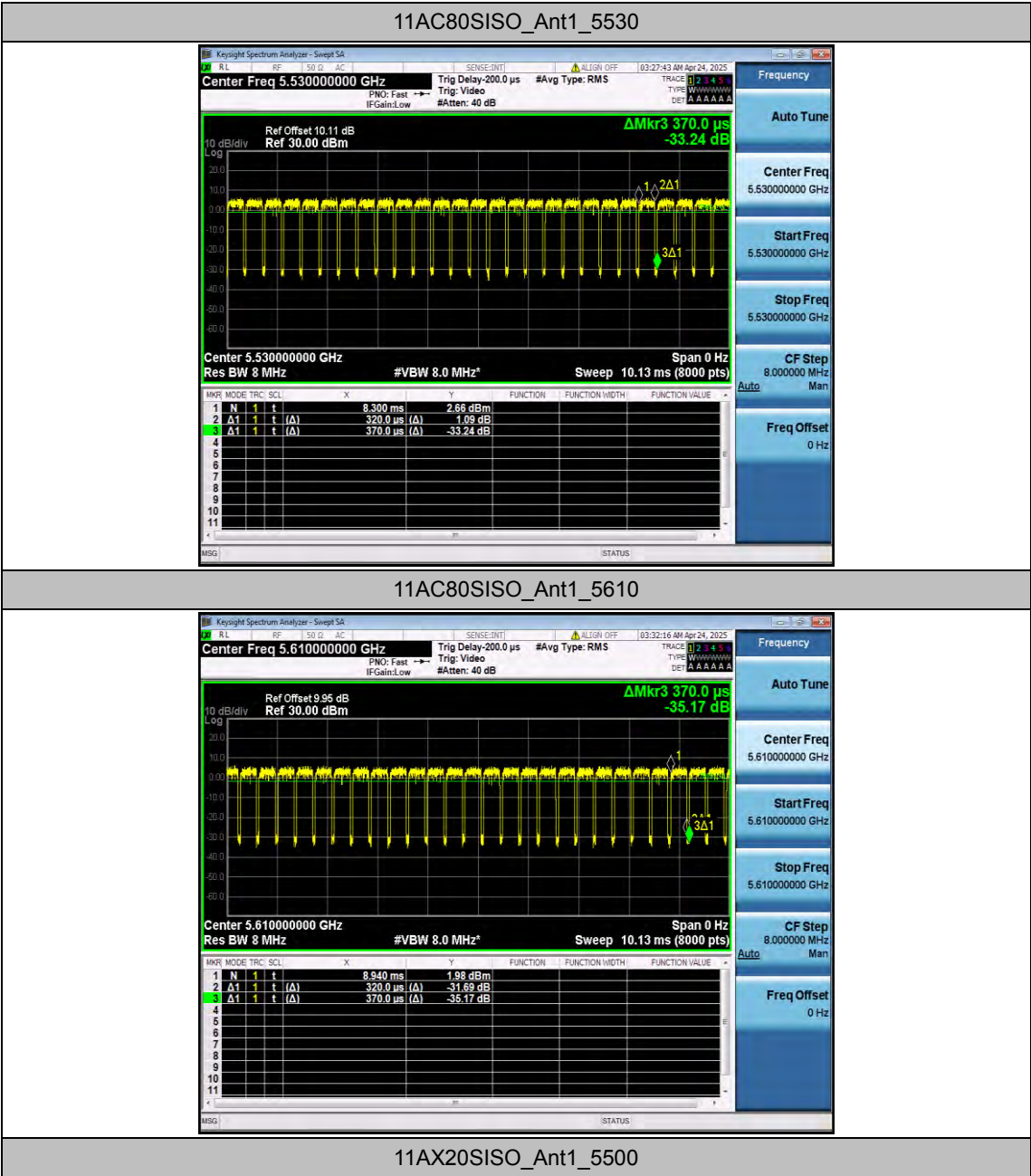


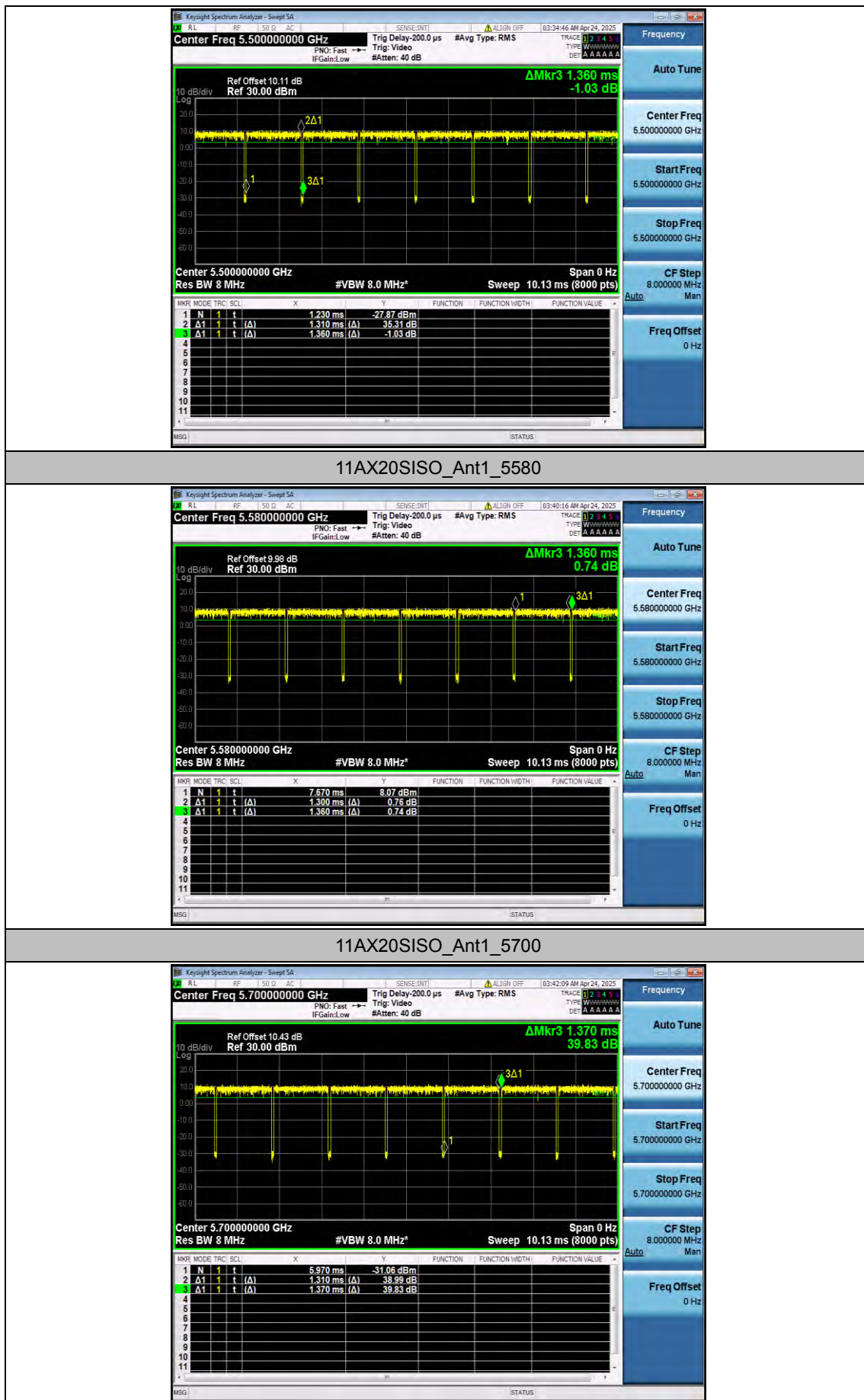
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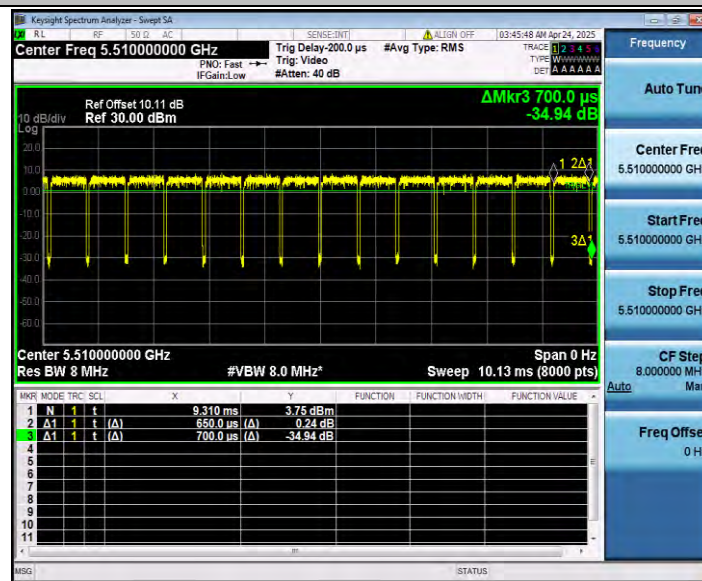




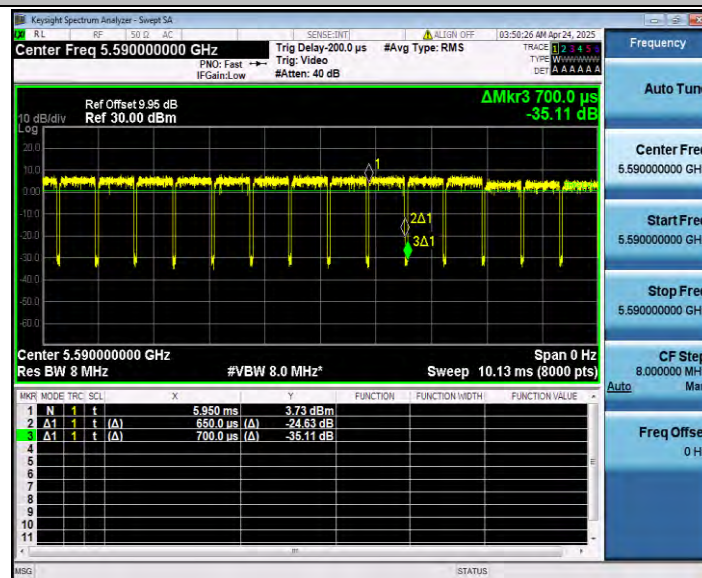




11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670

