

Case No. : <u>GTS20251122004-2-15</u>
Ambient Condition: <u>24</u> °C, <u>51</u> %RH
According Standard: ■Part15E
Test Date: <u>2025.12.15-2026.3.31</u> Test Engineer: <u>Evan ouyang</u>

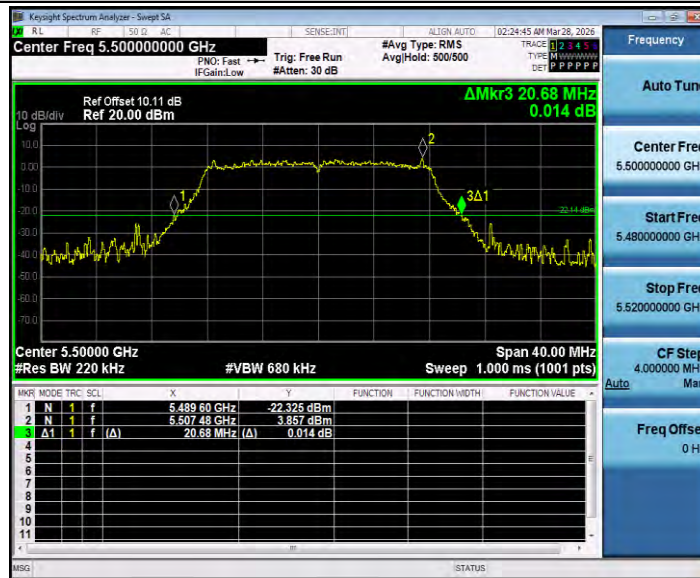
Appendix F.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	20.680	5489.600	5510.280	---	---
		5580	20.960	5569.600	5590.560	---	---
		5700	20.440	5689.600	5710.040	---	---
11N20SISO	Ant1	5500	20.800	5489.640	5510.440	---	---
		5580	21.080	5569.320	5590.400	---	---
		5700	20.920	5689.360	5710.280	---	---
11N40SISO	Ant1	5510	65.920	5473.040	5538.960	---	---
		5590	55.360	5554.800	5610.160	---	---
		5670	53.120	5637.040	5690.160	---	---
11AC20SISO	Ant1	5500	20.760	5489.720	5510.480	---	---
		5580	20.800	5569.600	5590.400	---	---
		5700	21.080	5689.280	5710.360	---	---
11AC40SISO	Ant1	5510	39.680	5490.160	5529.840	---	---
		5590	40.160	5570.000	5610.160	---	---
		5670	40.000	5649.920	5689.920	---	---
11AC80SISO	Ant1	5530	80.480	5489.840	5570.320	---	---
		5610	87.360	5563.120	5650.480	---	---
11AX20SISO	Ant1	5500	21.240	5489.360	5510.600	---	---
		5580	21.840	5569.080	5590.920	---	---
		5700	21.080	5689.440	5710.520	---	---
11AX40SISO	Ant1	5510	40.320	5489.840	5530.160	---	---
		5590	40.560	5569.760	5610.320	---	---
		5670	40.560	5649.760	5690.320	---	---
11AX80SISO	Ant1	5530	82.400	5488.720	5571.120	---	---
		5610	82.720	5568.880	5651.600	---	---

Test Graphs

11A_Ant1_5500



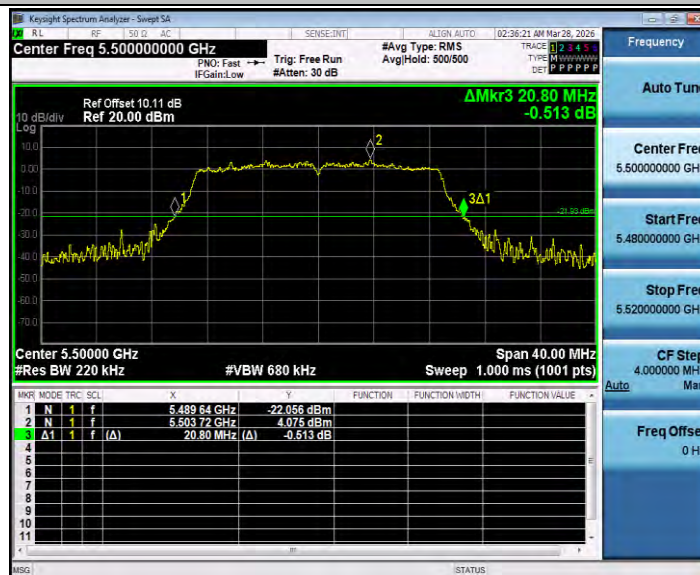
11A_Ant1_5580



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



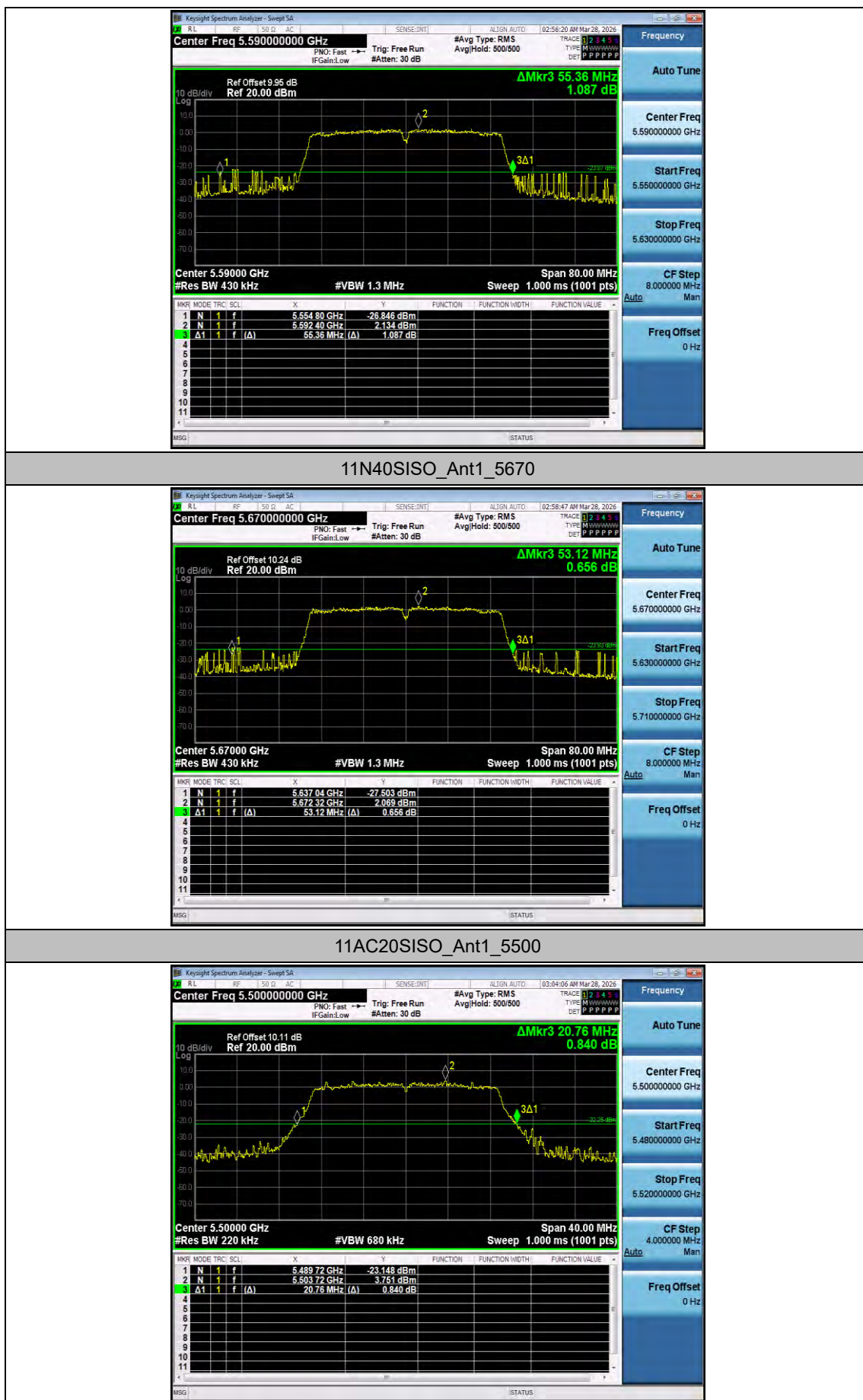
11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



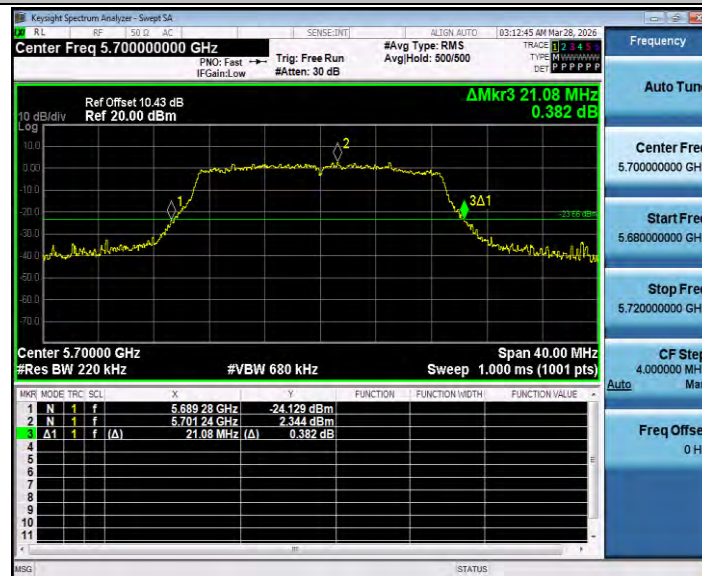
11N40SISO_Ant1_5590



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



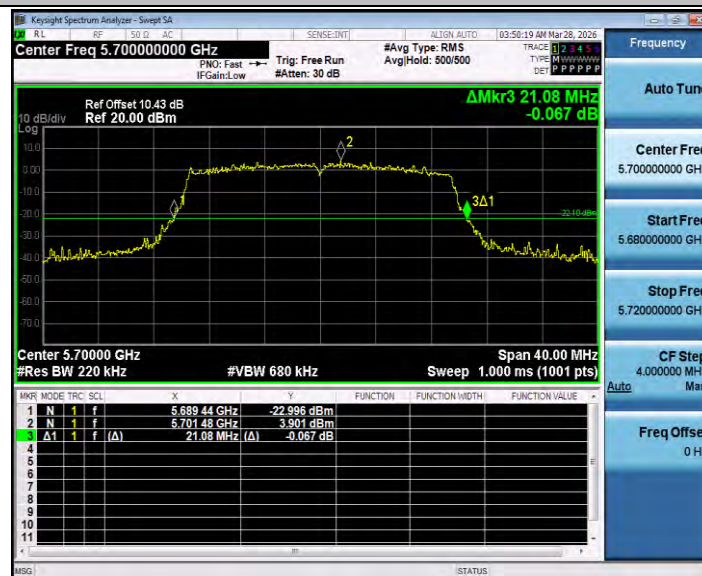
11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



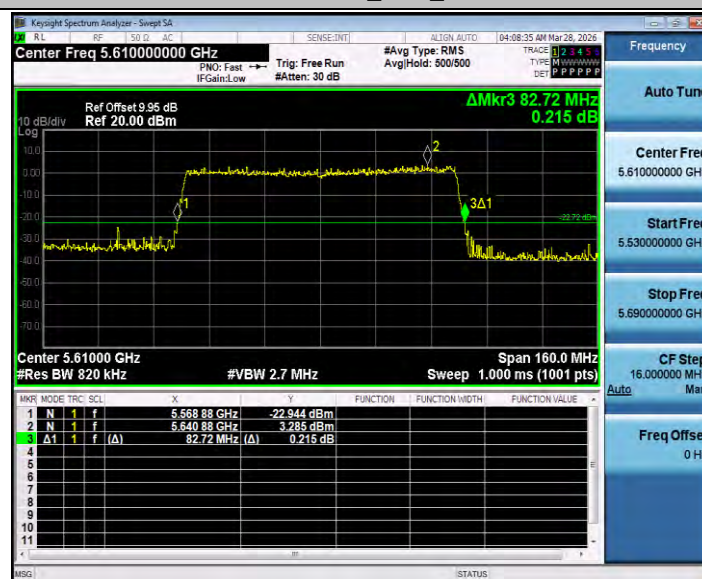
11AX40SISO_Ant1_5670



11AX80ISO_Ant1_5530



11AX80ISO_Ant1_5610

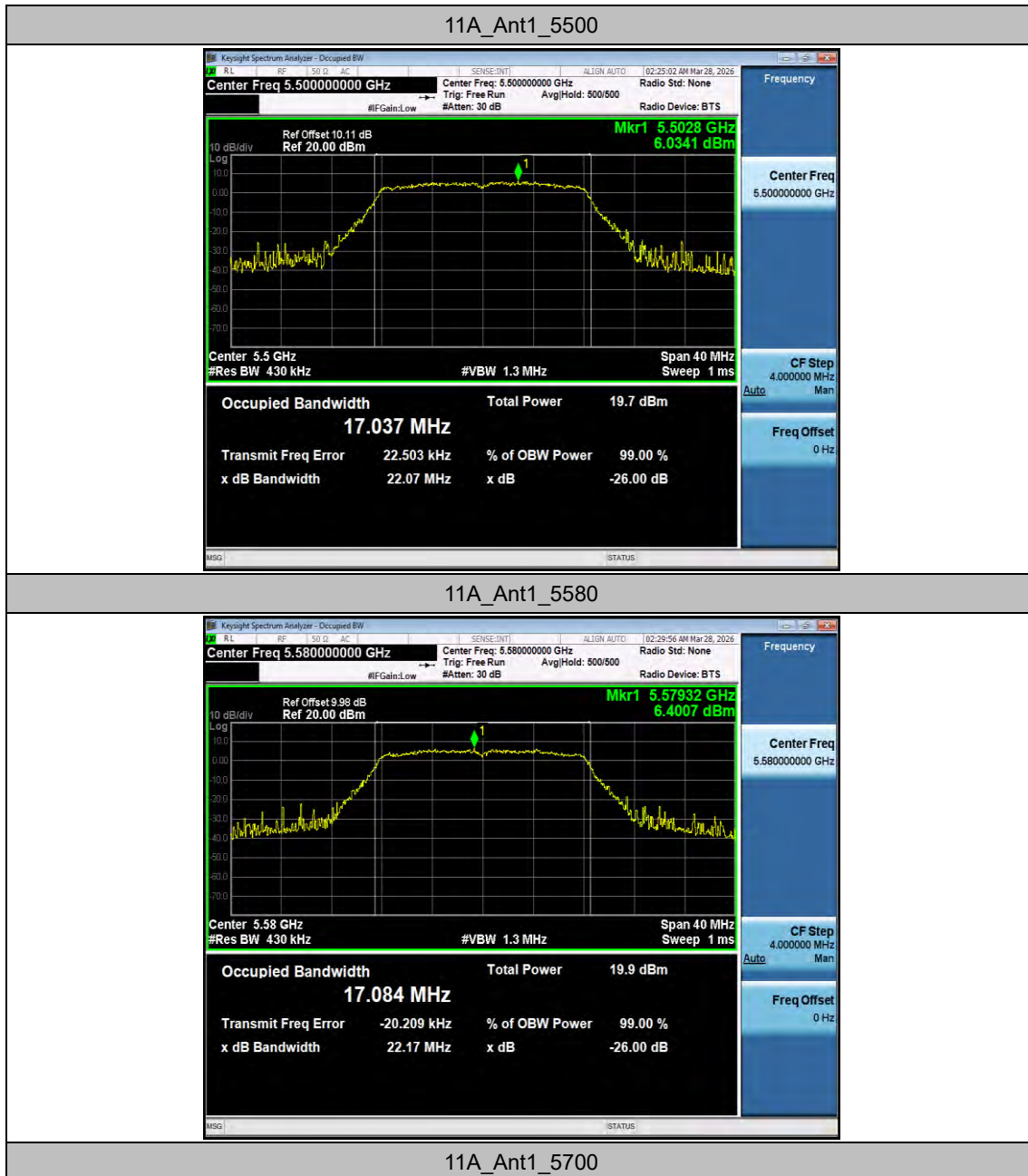


Appendix F.2: Occupied channel bandwidth

Test Result

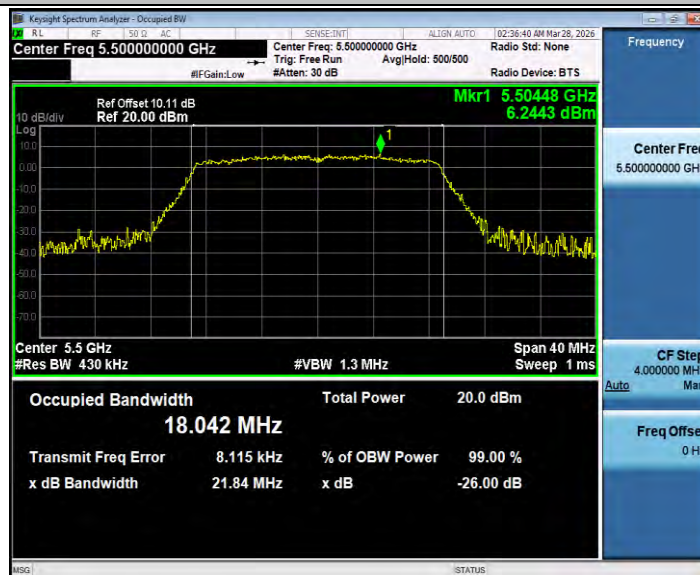
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	17.037	5491.5040	5508.5410	---	---
		5580	17.084	5571.4378	5588.5218	---	---
		5700	16.941	5691.4586	5708.3996	---	---
11N20SISO	Ant1	5500	18.042	5490.9871	5509.0291	---	---
		5580	18.068	5570.9666	5589.0346	---	---
		5700	17.954	5690.9766	5708.9306	---	---
11N40SISO	Ant1	5510	36.579	5491.6953	5528.2743	---	---
		5590	36.573	5571.7158	5608.2888	---	---
		5670	36.479	5651.7415	5688.2205	---	---
11AC20SISO	Ant1	5500	18.026	5490.9902	5509.0162	---	---
		5580	18.051	5570.9435	5588.9945	---	---
		5700	17.904	5690.9956	5708.8996	---	---
11AC40SISO	Ant1	5510	36.521	5491.7528	5528.2738	---	---
		5590	36.451	5571.7569	5608.2079	---	---
		5670	36.448	5651.7578	5688.2058	---	---
11AC80SISO	Ant1	5530	75.850	5491.9956	5567.8456	---	---
		5610	75.929	5572.1283	5648.0573	---	---
11AX20SISO	Ant1	5500	19.024	5490.5138	5509.5378	---	---
		5580	19.034	5570.4715	5589.5055	---	---
		5700	18.935	5690.5071	5709.4421	---	---
11AX40SISO	Ant1	5510	37.735	5491.1259	5528.8609	---	---
		5590	37.710	5571.1503	5608.8603	---	---
		5670	37.670	5651.1306	5688.8006	---	---
11AX80SISO	Ant1	5530	77.930	5490.9602	5568.8902	---	---
		5610	78.146	5571.0036	5649.1496	---	---

Test Graphs

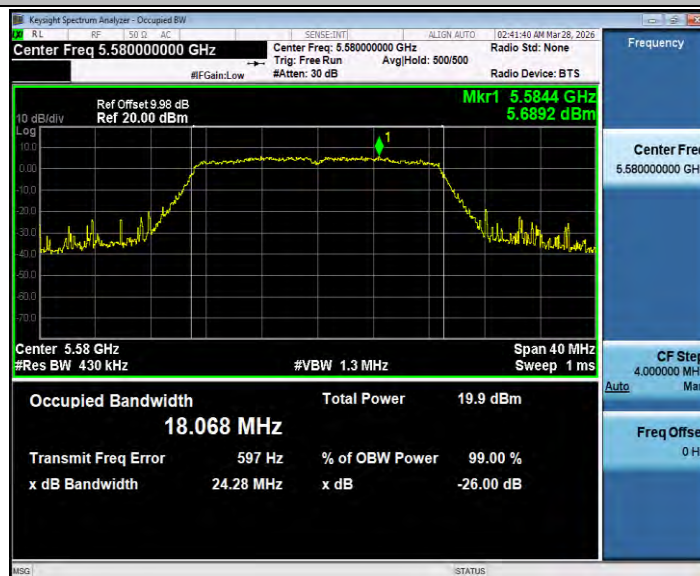




11N20SISO_Ant1_5500



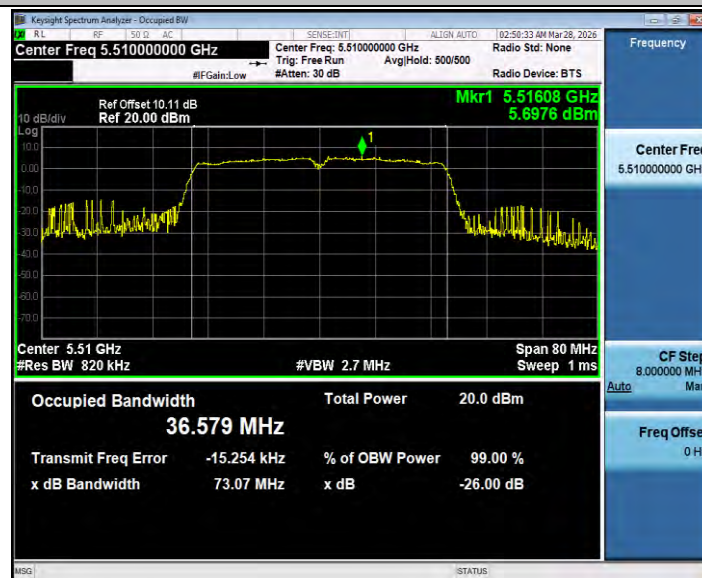
11N20SISO_Ant1_5580



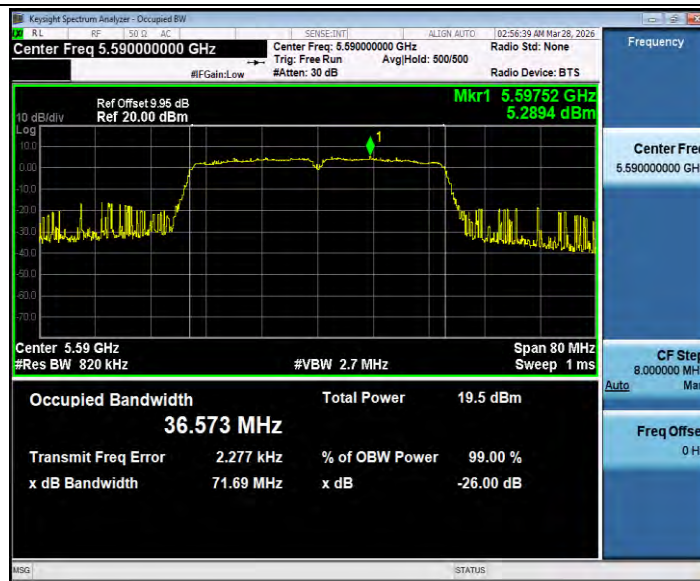
11N20SISO_Ant1_5700



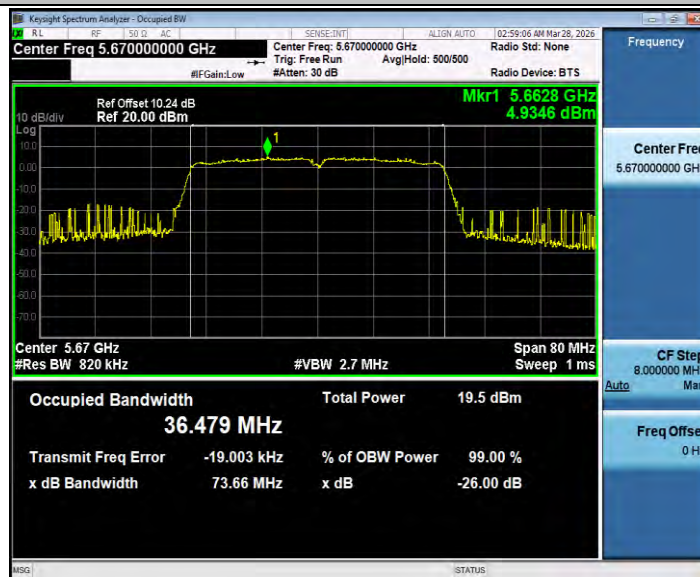
11N40SISO_Ant1_5510



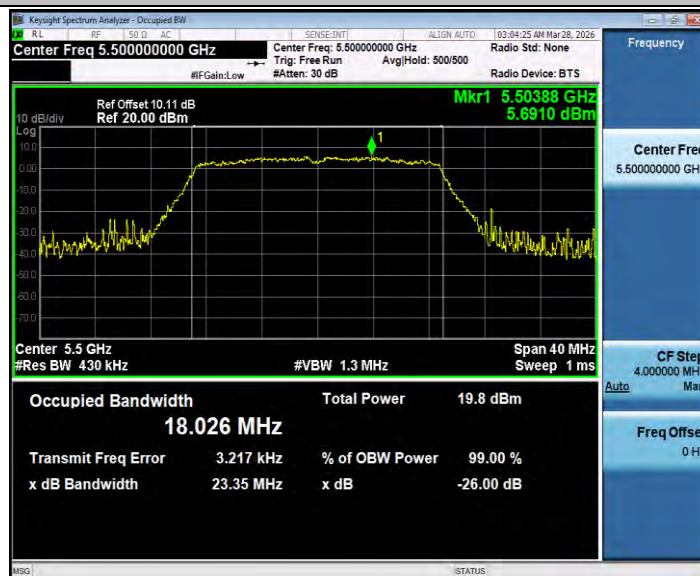
11N40SISO_Ant1_5590



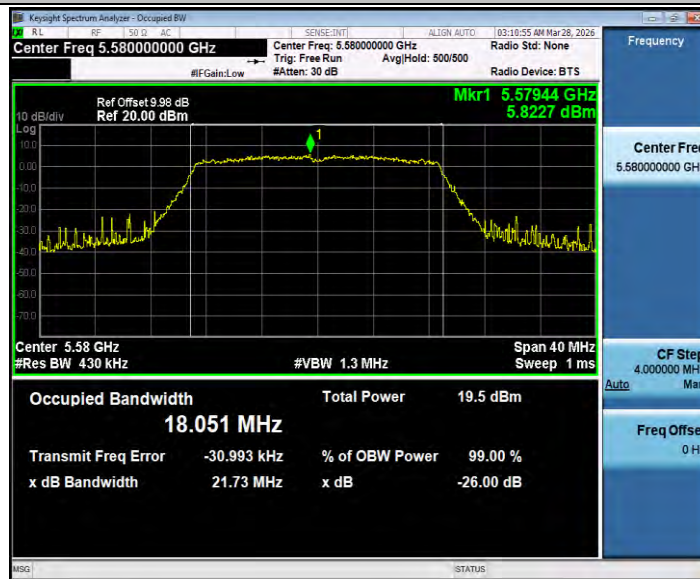
11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



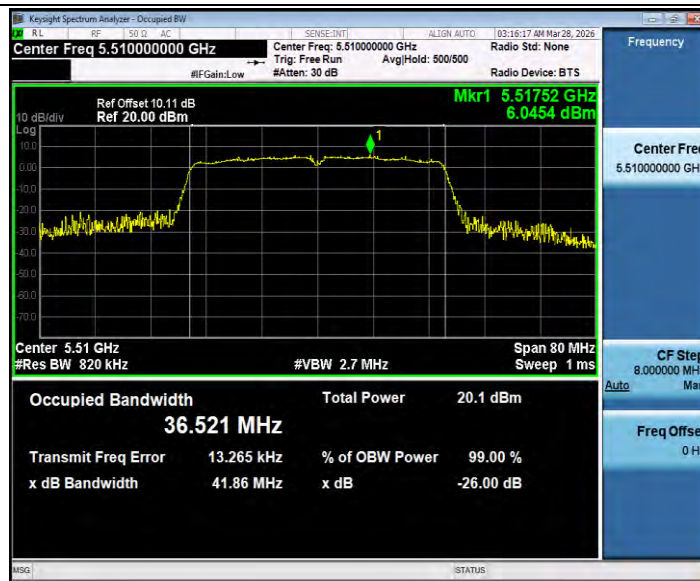
11AC20SISO_Ant1_5580



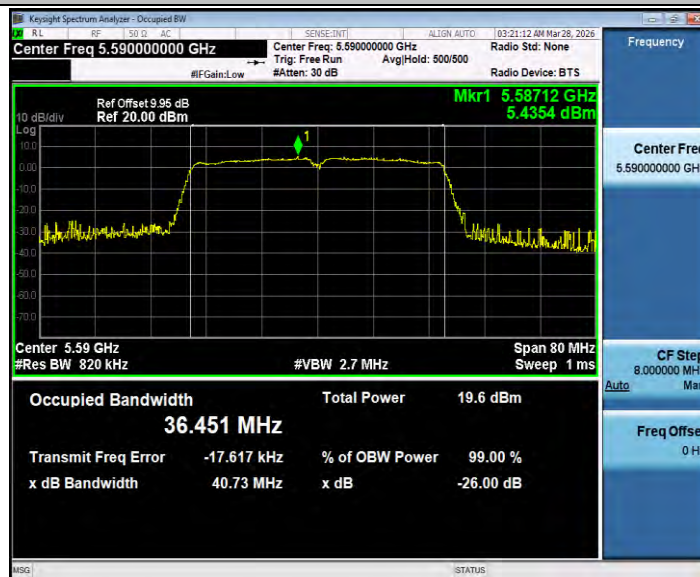
11AC20SISO_Ant1_5700



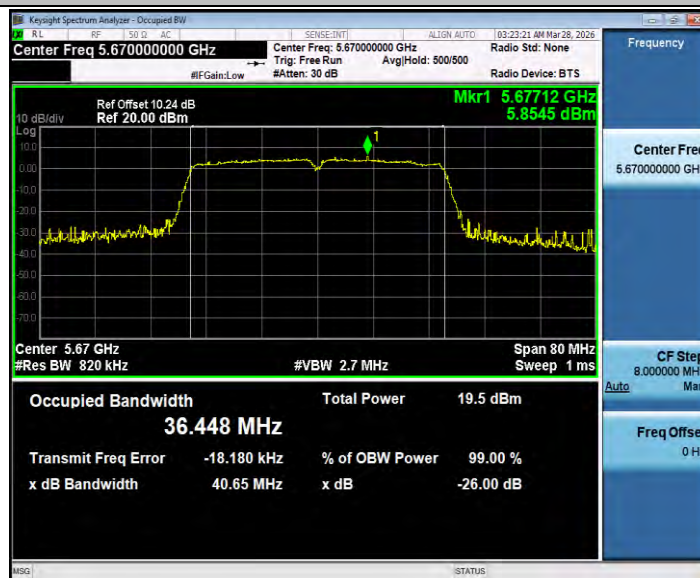
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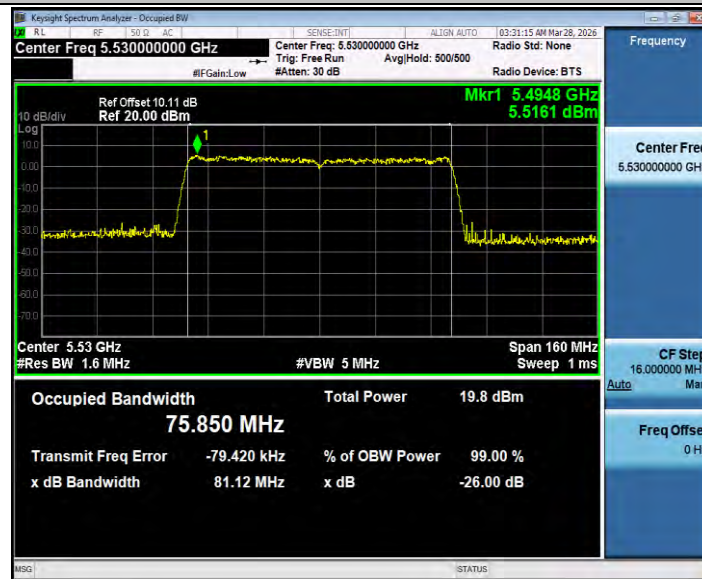
11AC40SISO_Ant1_5590



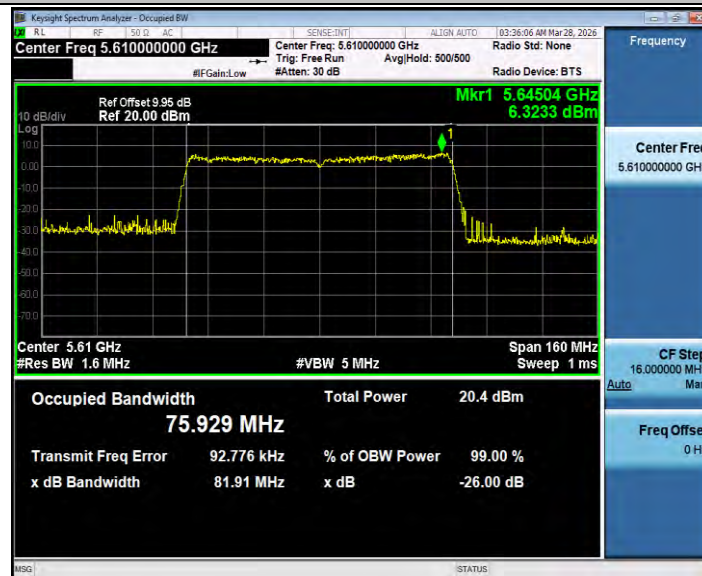
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



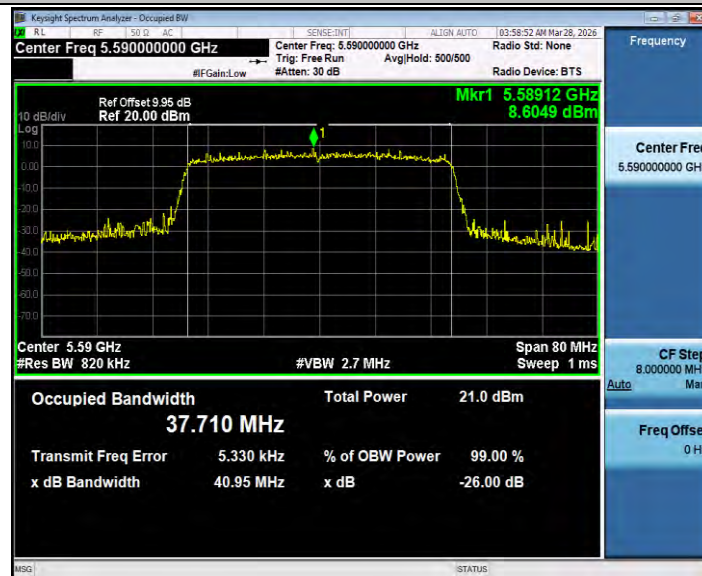
11AX20SISO_Ant1_5700



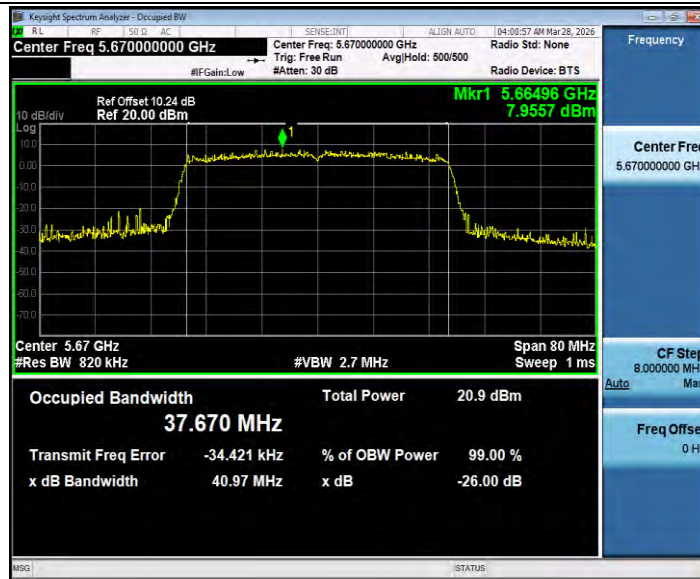
11AX40SISO_Ant1_5510



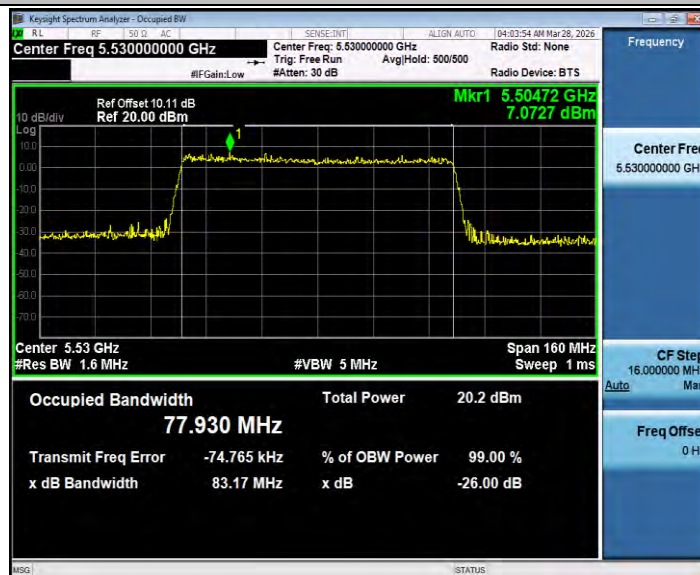
11AX40SISO_Ant1_5590



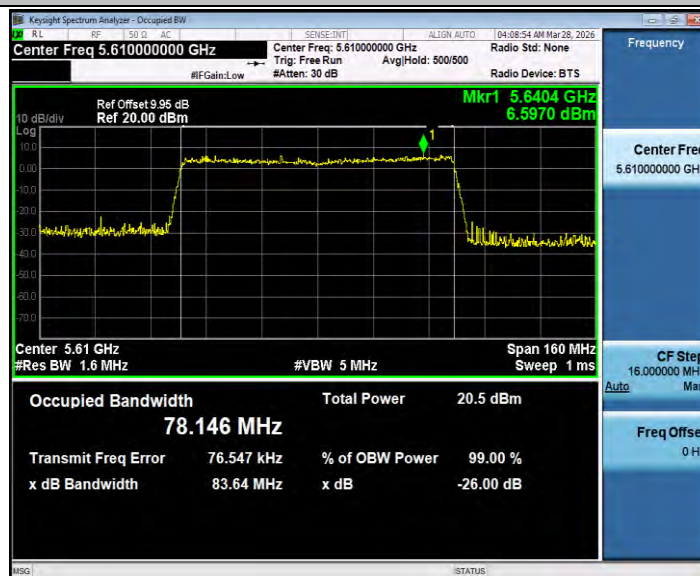
11AX40SISO_Ant1_5670



11AX80ISO_Ant1_5530



11AX80ISO_Ant1_5610

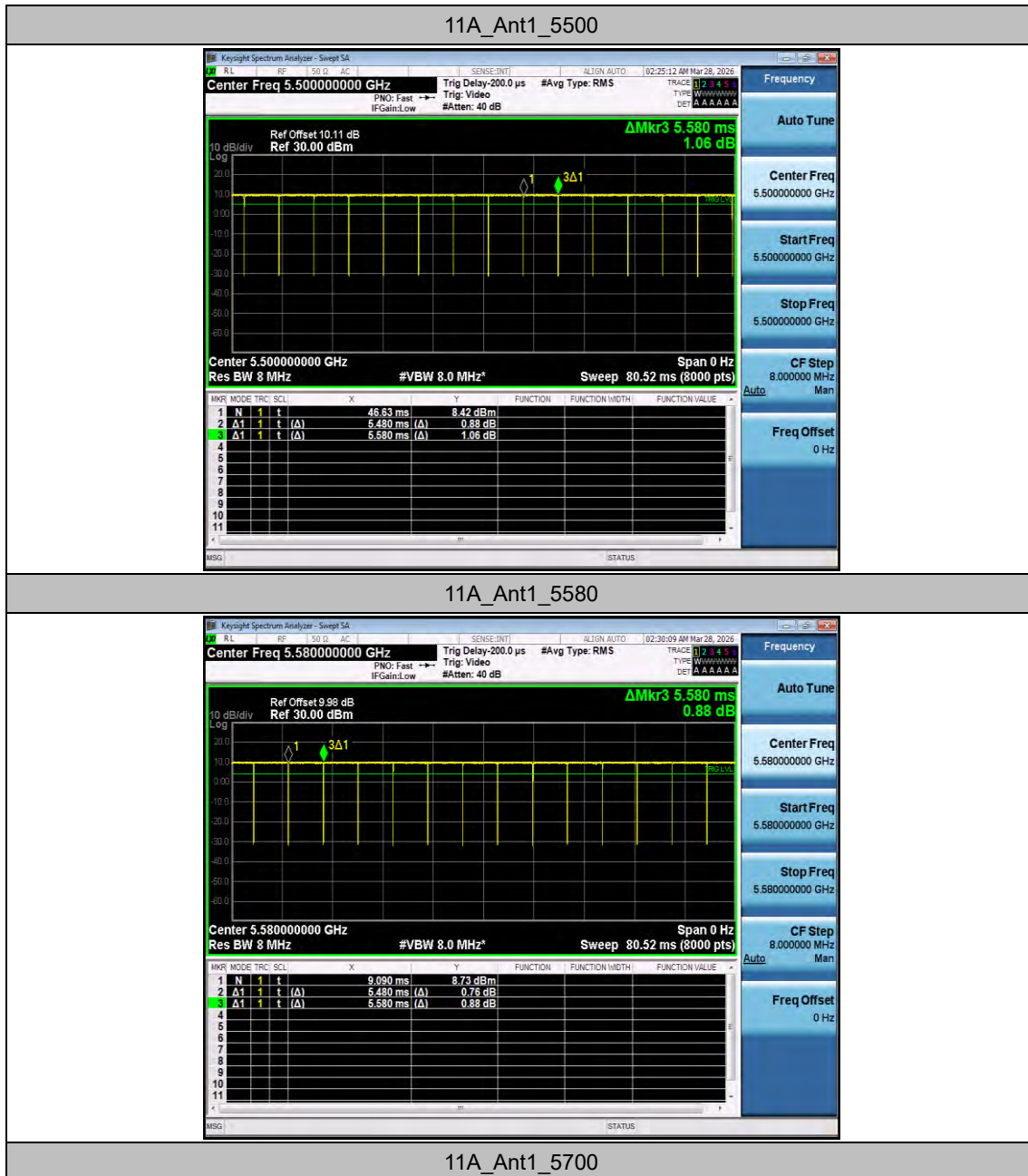


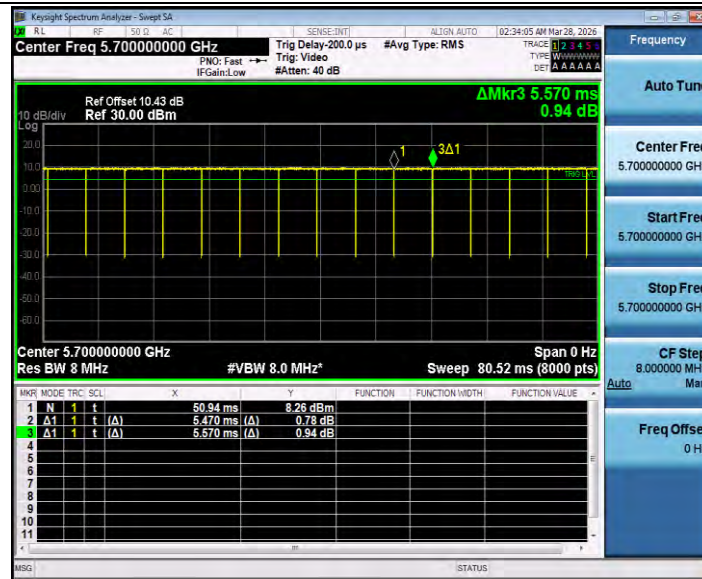
AppendixF.3: Duty Cycle

Test Result

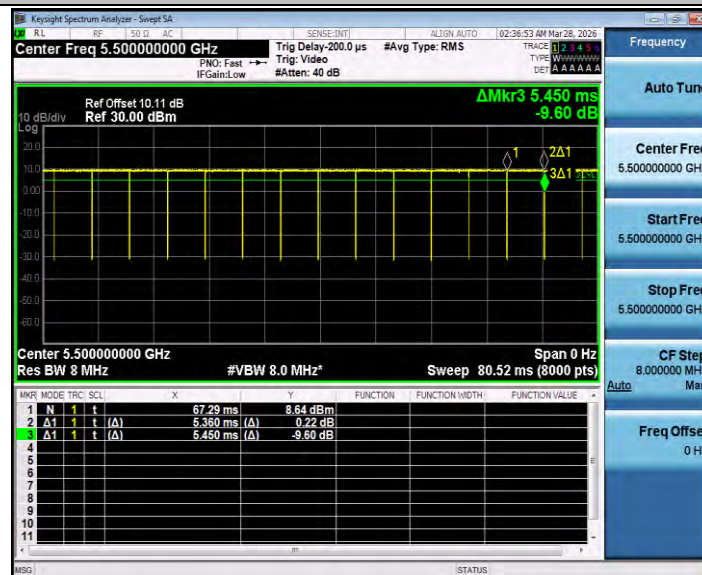
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	5.48	5.58	98.21	0.08	0.18
		5580	5.48	5.58	98.21	0.08	0.18
		5700	5.47	5.57	98.20	0.08	0.18
11N20SISO	Ant1	5500	5.36	5.45	98.35	0.07	0.19
		5580	5.36	5.45	98.35	0.07	0.19
		5700	5.36	5.45	98.35	0.07	0.19
11N40SISO	Ant1	5510	5.15	5.25	98.10	0.08	0.19
		5590	5.14	5.24	98.09	0.08	0.19
		5670	5.15	5.24	98.28	0.08	0.19
11AC20SISO	Ant1	5500	5.38	5.47	98.35	0.07	0.19
		5580	5.38	5.47	98.35	0.07	0.19
		5700	5.38	5.47	98.35	0.07	0.19
11AC40SISO	Ant1	5510	5.15	5.25	98.10	0.08	0.19
		5590	5.16	5.25	98.29	0.07	0.19
		5670	5.15	5.25	98.10	0.08	0.19
11AC80SISO	Ant1	5530	4.76	4.85	98.14	0.08	0.21
		5610	4.75	4.84	98.14	0.08	0.21
11AX20SISO	Ant1	5500	4.64	4.73	98.10	0.08	0.22
		5580	4.64	4.73	98.10	0.08	0.22
		5700	4.64	4.73	98.10	0.08	0.22
11AX40SISO	Ant1	5510	4.63	4.72	98.09	0.08	0.22
		5590	4.63	4.72	98.09	0.08	0.22
		5670	4.63	4.72	98.09	0.08	0.22
11AX80SISO	Ant1	5530	4.42	4.51	98.00	0.09	0.23
		5610	4.42	4.51	98.00	0.09	0.23

Test Graphs

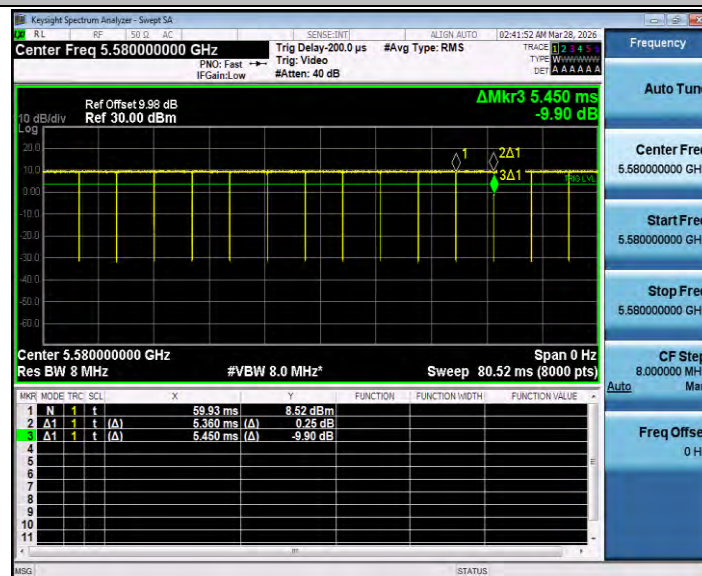




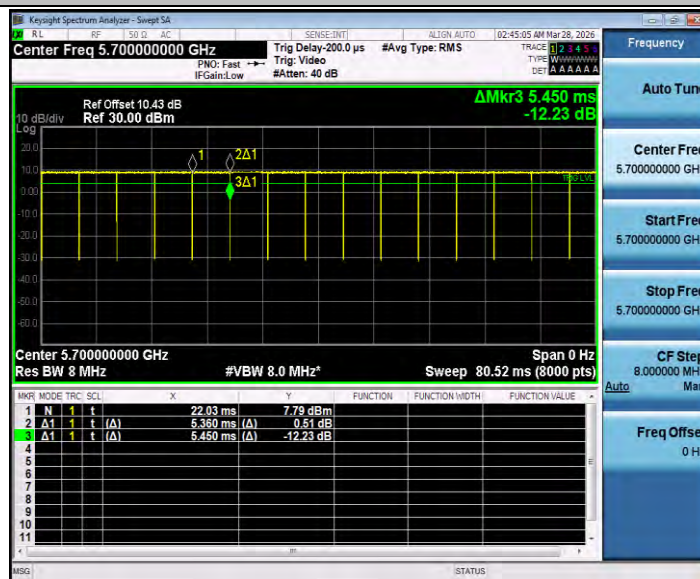
11N20SISO_Ant1_5500



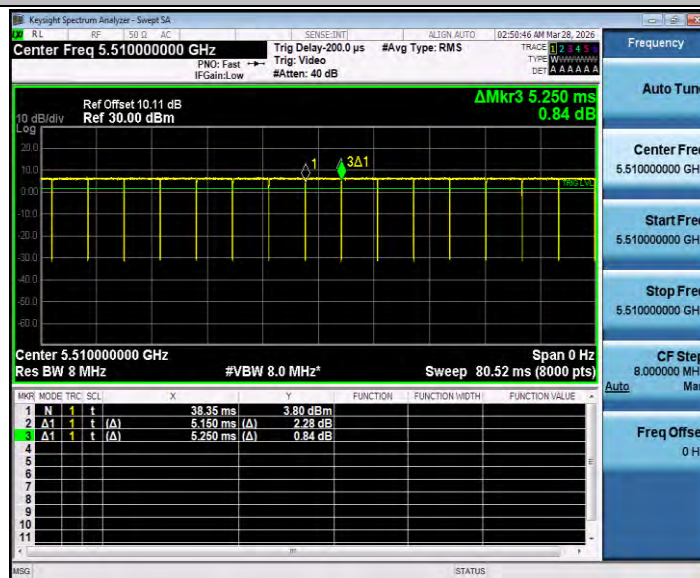
11N20SISO_Ant1_5580



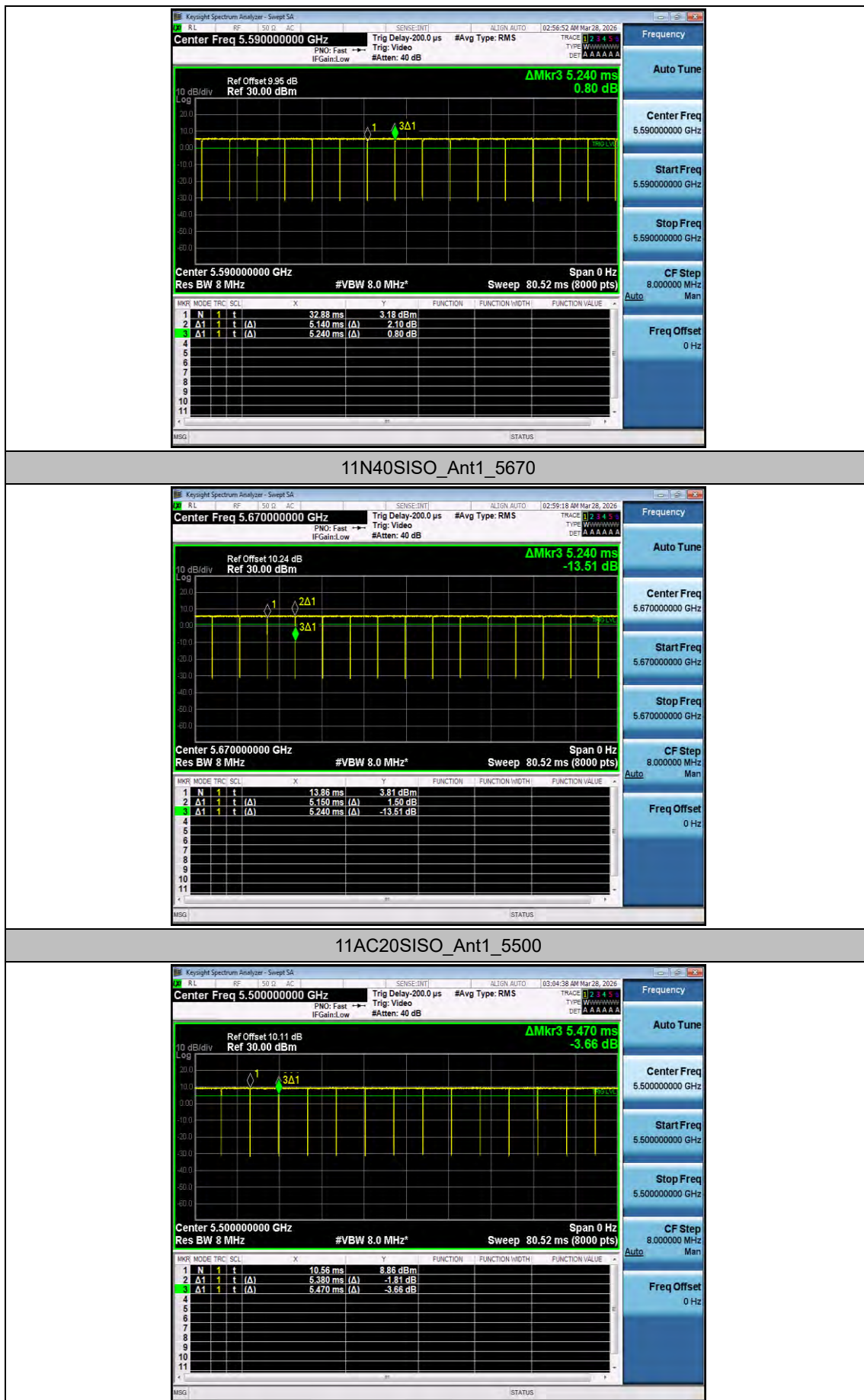
11N20SISO_Ant1_5700



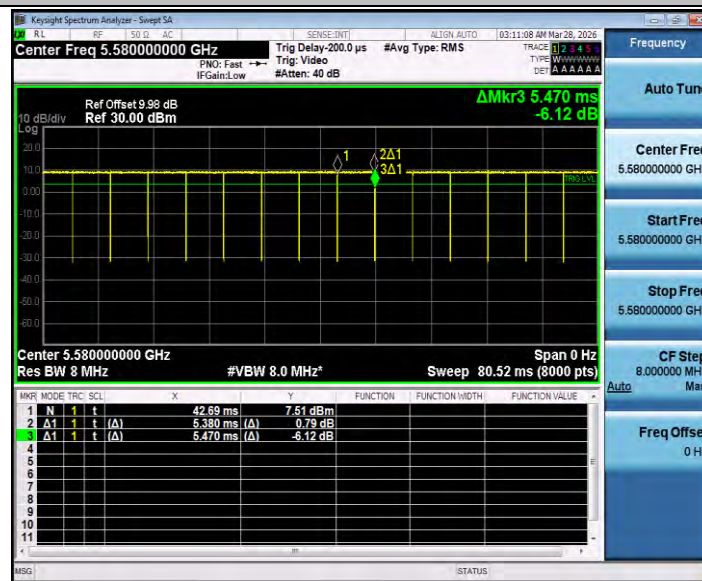
11N40SISO_Ant1_5510



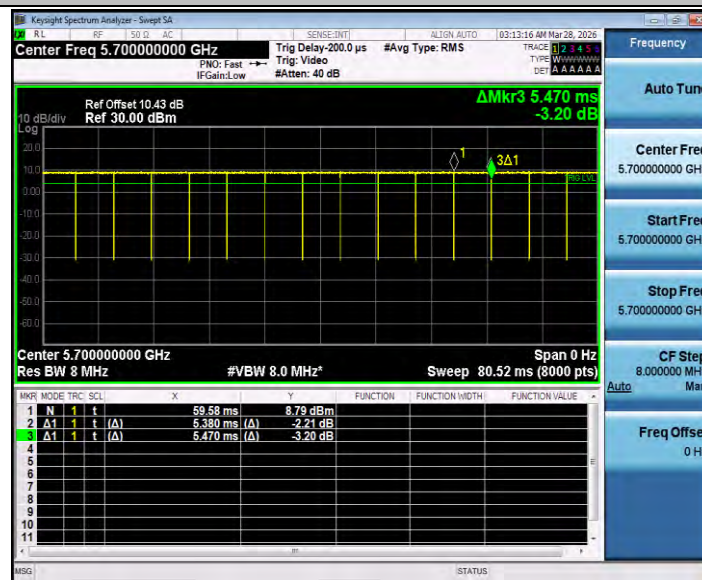
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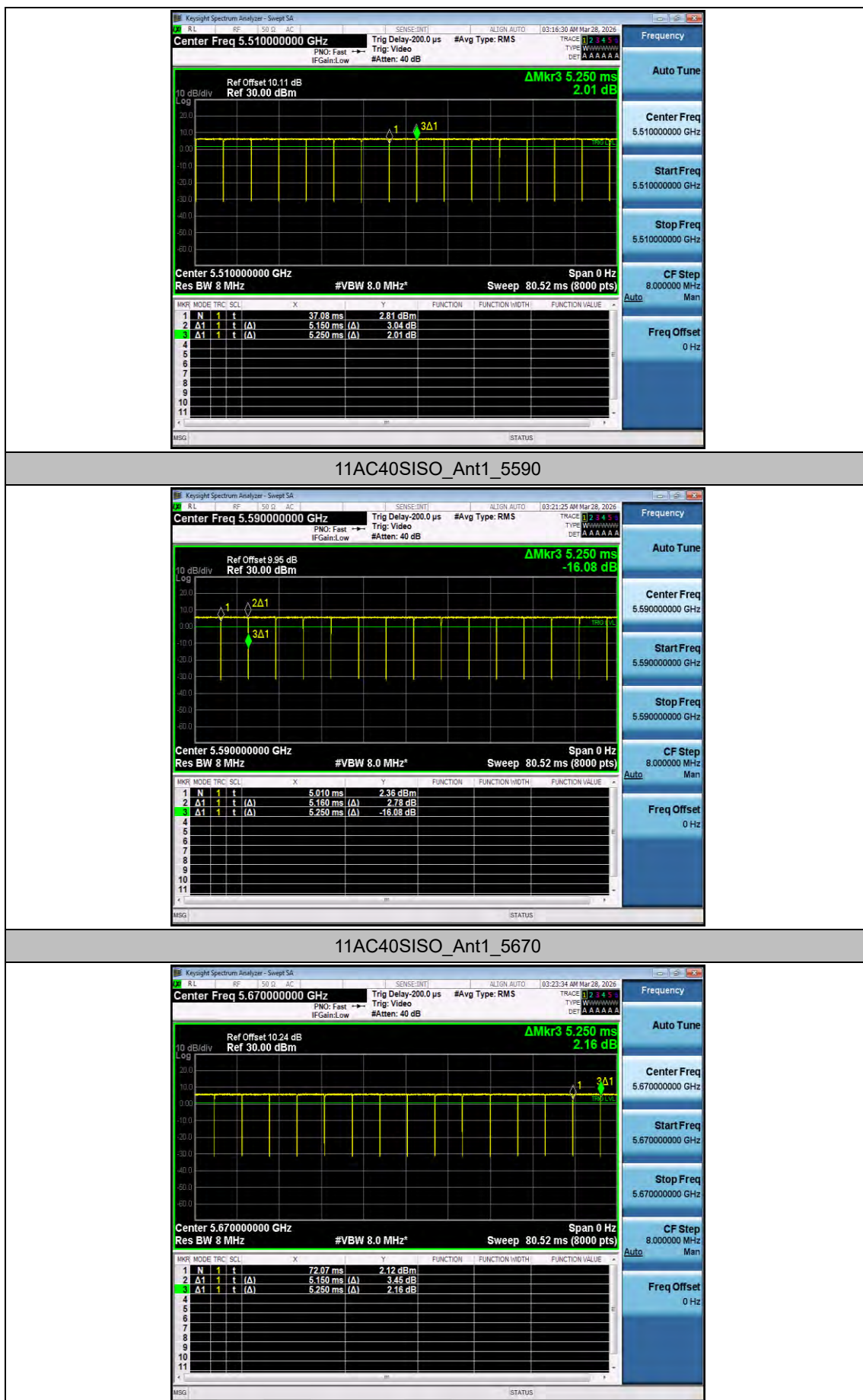
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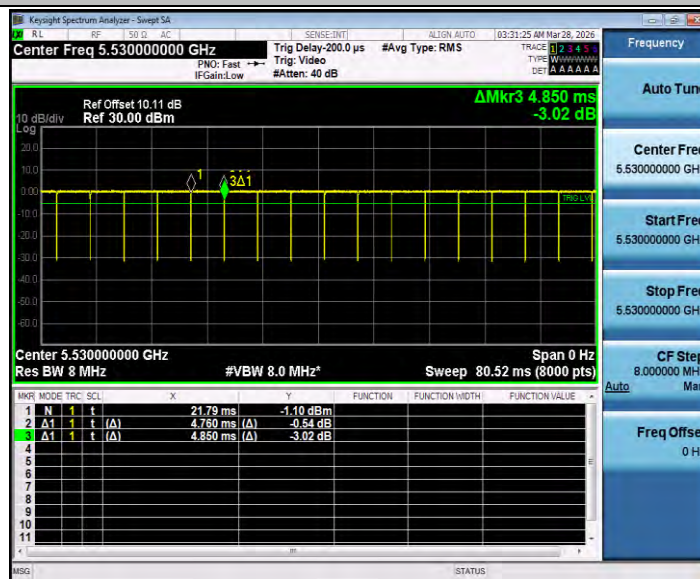
11AC20SISO_Ant1_5700



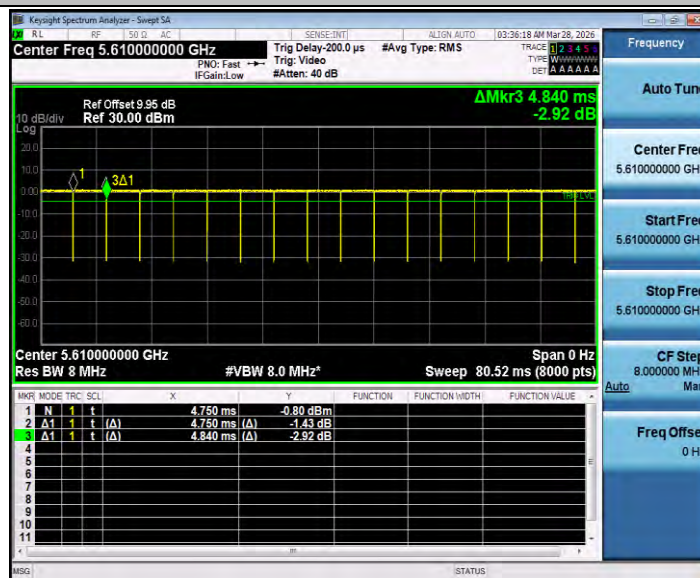
11AC40SISO_Ant1_5510



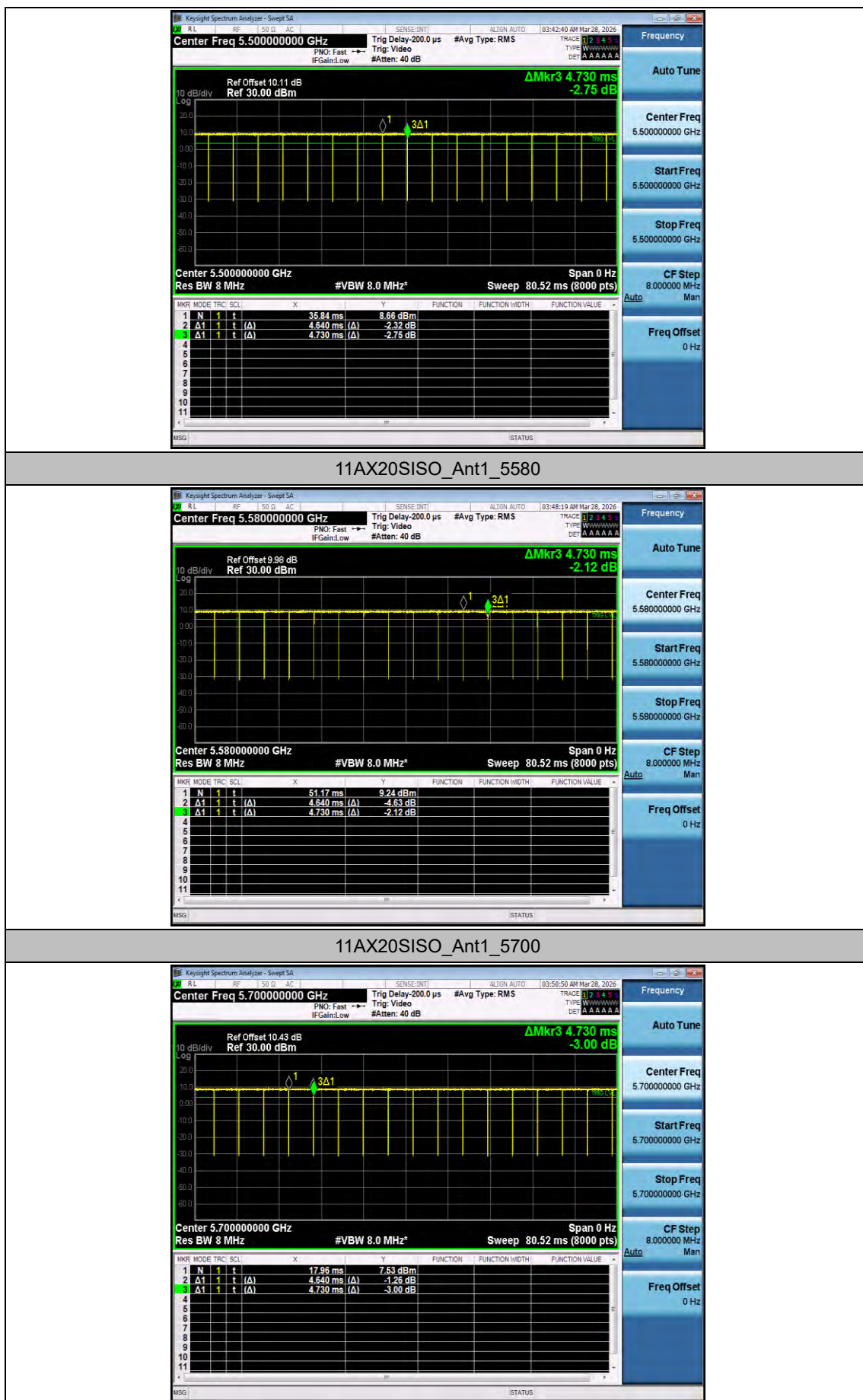
11AC80SISO_Ant1_5530



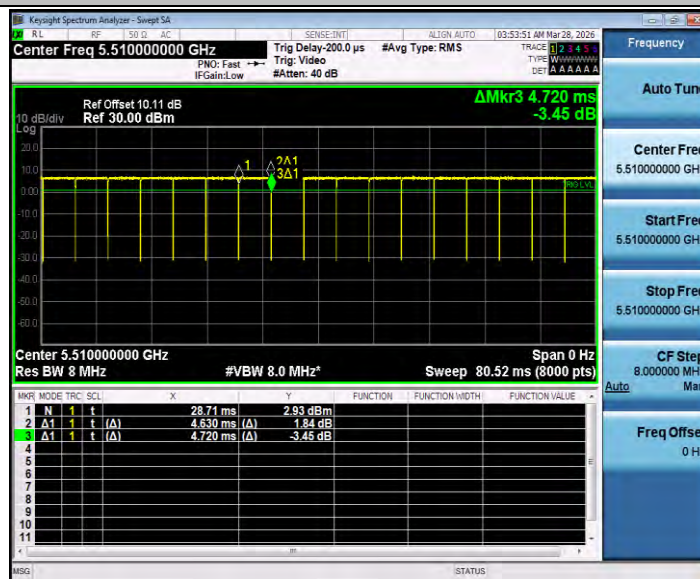
11AC80SISO_Ant1_5610



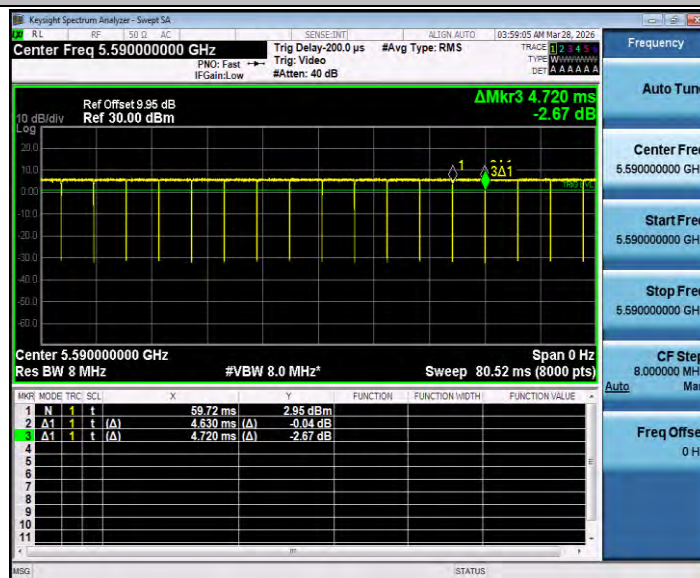
11AX20SISO_Ant1_5500



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670

