

Case No. : <u>GTS20241129021-1-05</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.2.7</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	Ant0	5500	20.440	5490.080	5510.520	---	---
		5580	20.920	5569.520	5590.440	---	---
		5700	26.200	5687.120	5713.320	---	---
11N20SISO	Ant0	5500	21.000	5489.760	5510.760	---	---
		5580	20.840	5569.640	5590.480	---	---
		5700	25.280	5686.720	5712.000	---	---
11N40SISO	Ant0	5510	40.800	5489.520	5530.320	---	---
		5590	40.880	5570.000	5610.880	---	---
		5670	66.240	5632.640	5698.880	---	---
11AC20SISO	Ant0	5500	20.840	5489.720	5510.560	---	---
		5580	21.560	5569.320	5590.880	---	---
		5700	24.360	5687.720	5712.080	---	---
11AC40SISO	Ant0	5510	41.120	5489.120	5530.240	---	---
		5590	40.000	5570.240	5610.240	---	---
		5670	55.440	5645.200	5700.640	---	---
11AC80SISO	Ant0	5530	80.800	5489.520	5570.320	---	---
		5610	81.920	5568.880	5650.800	---	---
11AX20SISO	Ant0	5500	21.560	5489.200	5510.760	---	---
		5580	21.480	5569.280	5590.760	---	---
		5700	24.160	5686.600	5710.760	---	---
11AX40SISO	Ant0	5510	40.560	5489.840	5530.400	---	---
		5590	40.240	5570.000	5610.240	---	---
		5670	40.720	5649.600	5690.320	---	---
11AX80SISO	Ant0	5530	81.600	5489.200	5570.800	---	---
		5610	82.240	5569.040	5651.280	---	---

Test Graphs

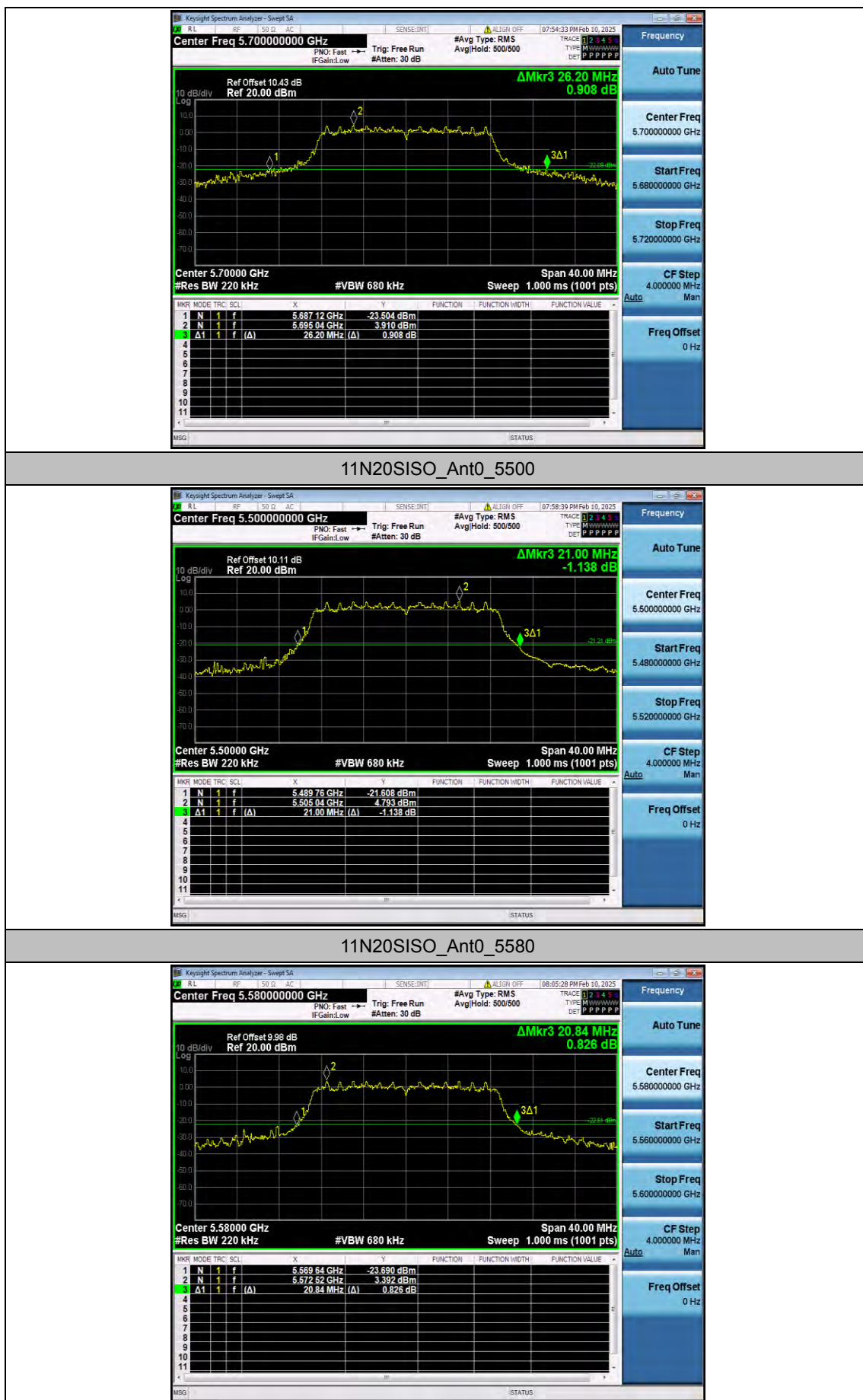
11A_Ant0_5500



11A_Ant0_5580



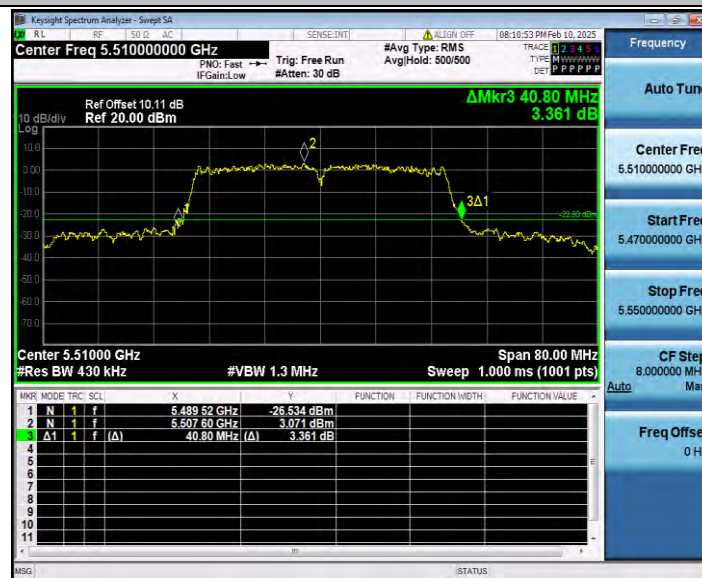
11A_Ant0_5700



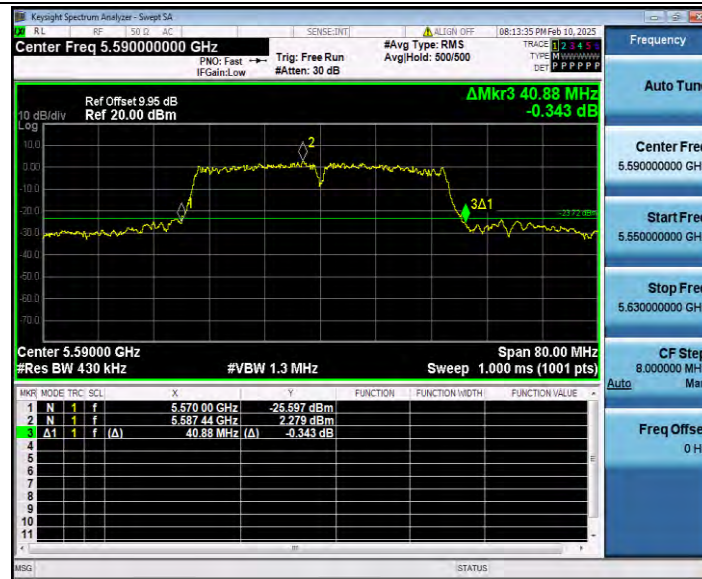
11N20SISO_Ant0_5700



11N40SISO_Ant0_5510



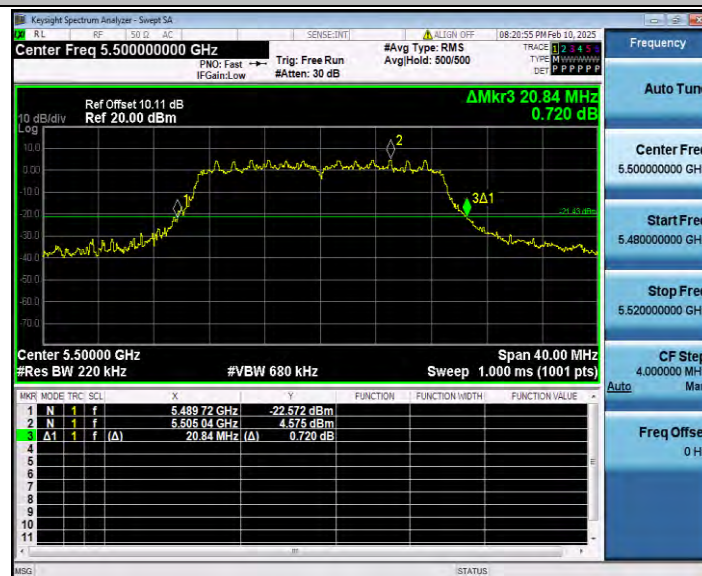
11N40SISO_Ant0_5590



11N40SISO_Ant0_5670



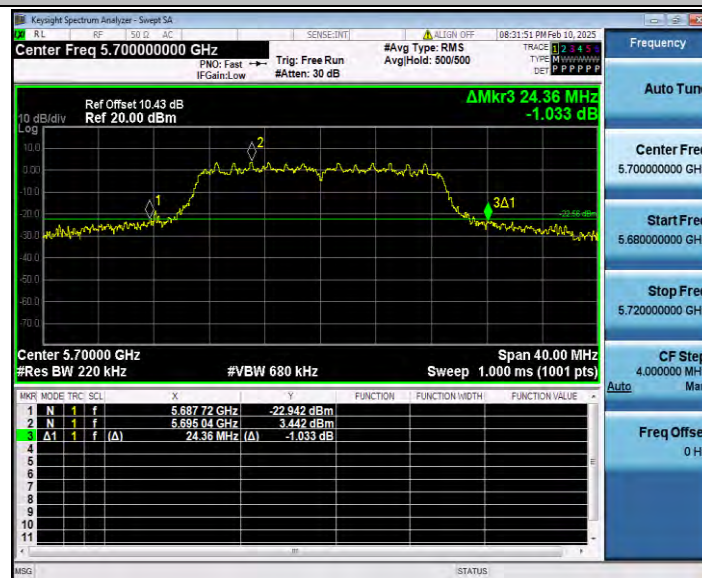
11AC20SISO_Ant0_5500



11AC20SISO_Ant0_5580



11AC20SISO_Ant0_5700



11AC40SISO_Ant0_5510



11AC40SISO_Ant0_5590



11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530



11AC80SISO_Ant0_5610



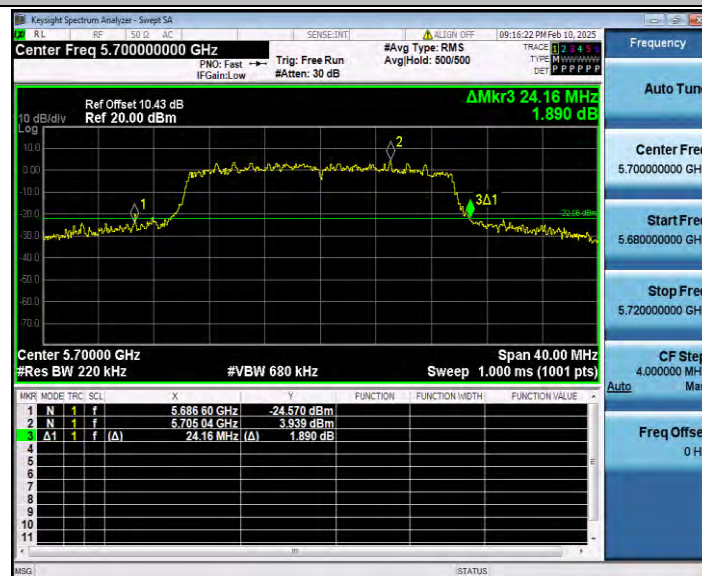
11AX20SISO_Ant0_5500



11AX20SISO_Ant0_5580



11AX20SISO_Ant0_5700



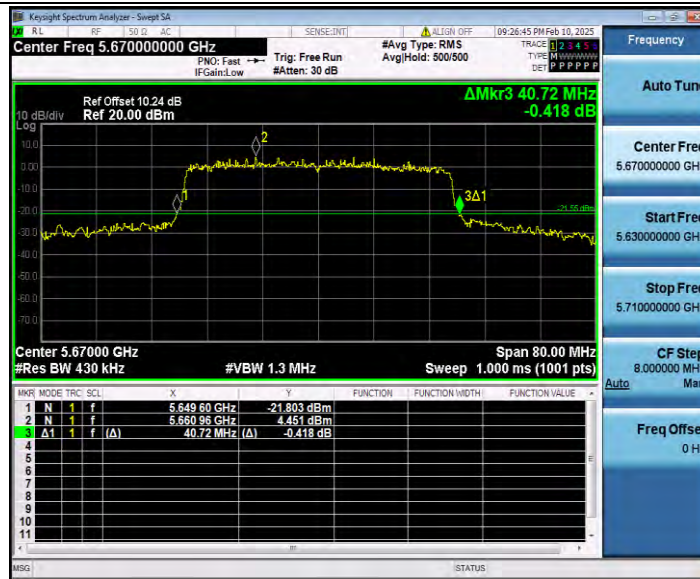
11AX40SISO_Ant0_5510



11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



11AX80SISO_Ant0_5610

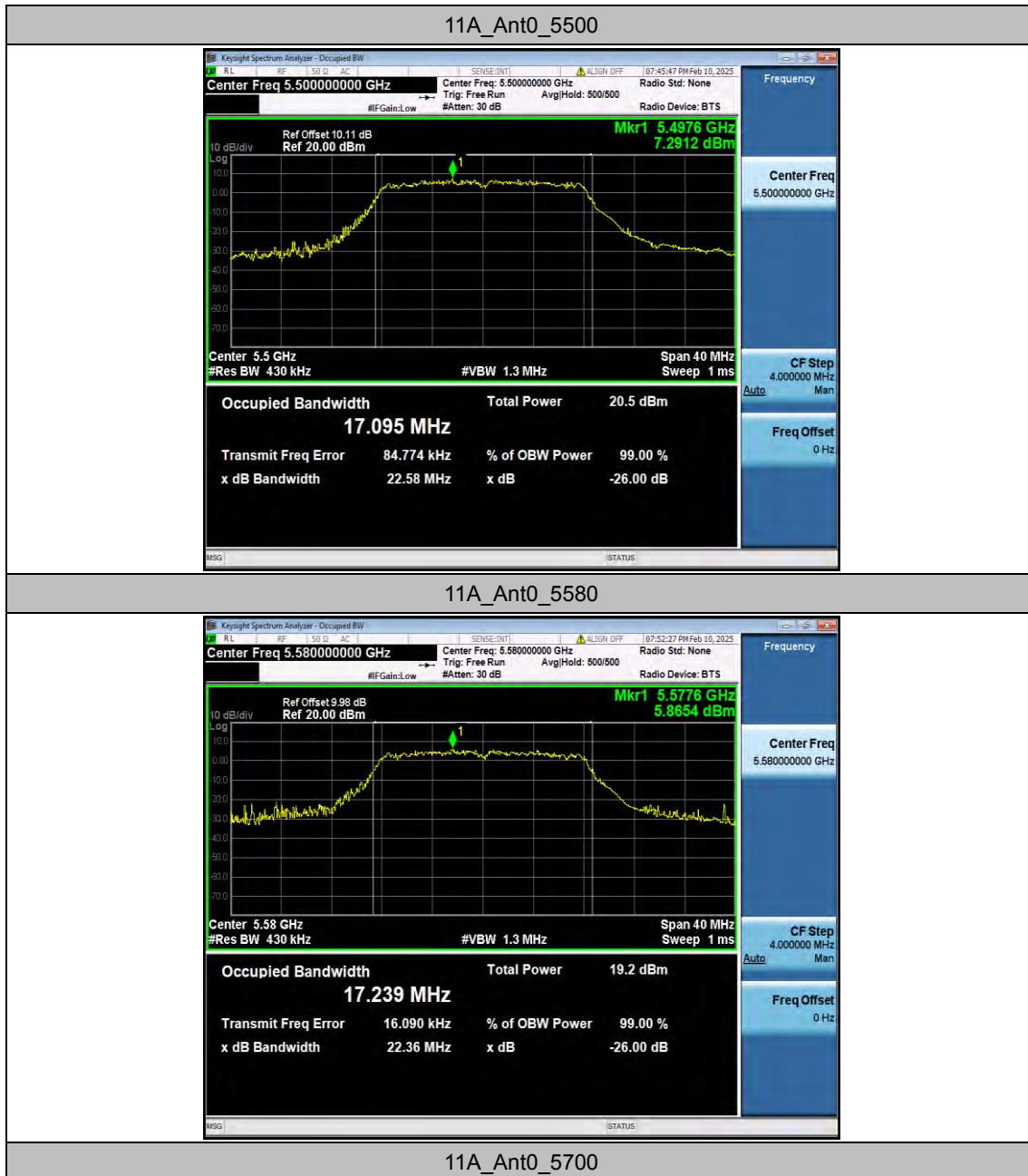


Appendix F.2: Occupied channel bandwidth

Test Result

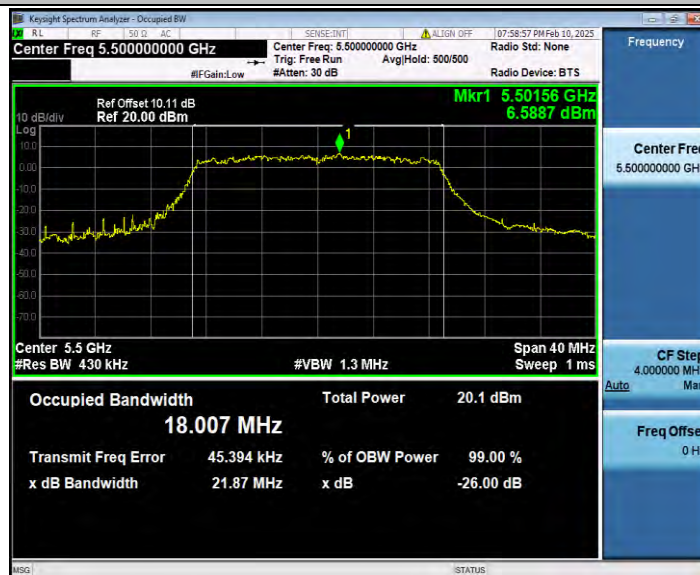
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5500	17.095	5491.5373	5508.6323	---	---
		5580	17.239	5571.3966	5588.6356	---	---
		5700	17.516	5691.2350	5708.7510	---	---
11N20SISO	Ant0	5500	18.007	5491.0419	5509.0489	---	---
		5580	18.153	5570.9496	5589.1026	---	---
		5700	18.323	5690.8414	5709.1644	---	---
11N40SISO	Ant0	5510	36.392	5491.8508	5528.2428	---	---
		5590	36.419	5571.8487	5608.2677	---	---
		5670	36.968	5651.3602	5688.3282	---	---
11AC20SISO	Ant0	5500	18.037	5491.0230	5509.0600	---	---
		5580	18.086	5570.9233	5589.0093	---	---
		5700	18.405	5690.7586	5709.1636	---	---
11AC40SISO	Ant0	5510	36.330	5491.9500	5528.2800	---	---
		5590	36.219	5571.9700	5608.1890	---	---
		5670	36.652	5651.7282	5688.3802	---	---
11AC80SISO	Ant0	5530	75.270	5492.3089	5567.5789	---	---
		5610	76.032	5571.9928	5648.0248	---	---
11AX20SISO	Ant0	5500	18.993	5490.5250	5509.5180	---	---
		5580	19.032	5570.4934	5589.5254	---	---
		5700	19.243	5690.3743	5709.6173	---	---
11AX40SISO	Ant0	5510	37.618	5491.2479	5528.8659	---	---
		5590	37.495	5571.2444	5608.7394	---	---
		5670	37.828	5651.0564	5688.8844	---	---
11AX80SISO	Ant0	5530	76.789	5491.3254	5568.1144	---	---
		5610	77.099	5571.3937	5648.4927	---	---

Test Graphs

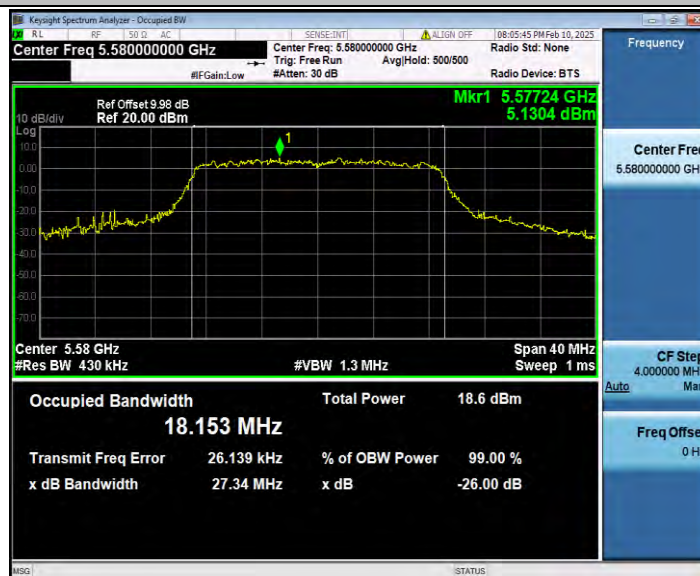




11N20SISO_Ant0_5500



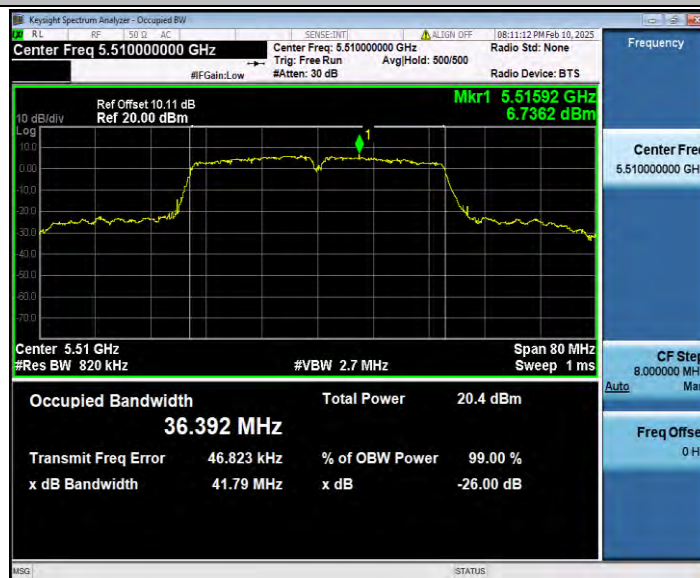
11N20SISO_Ant0_5580



11N20SISO_Ant0_5700



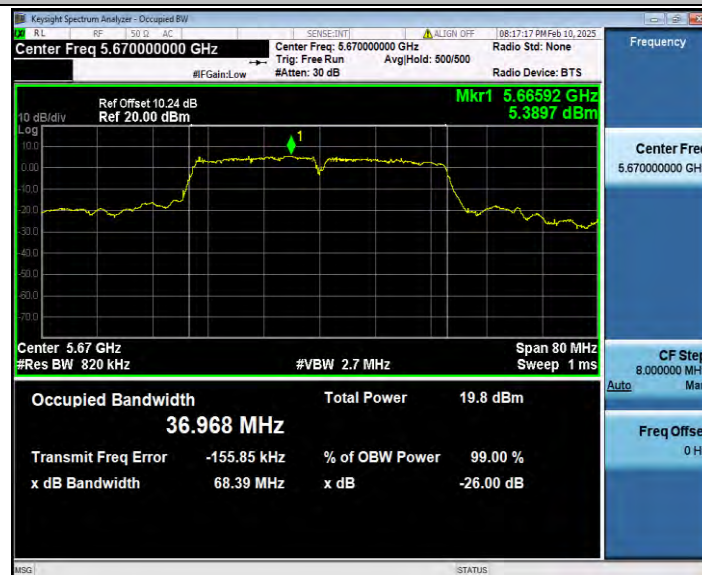
11N40SISO_Ant0_5510



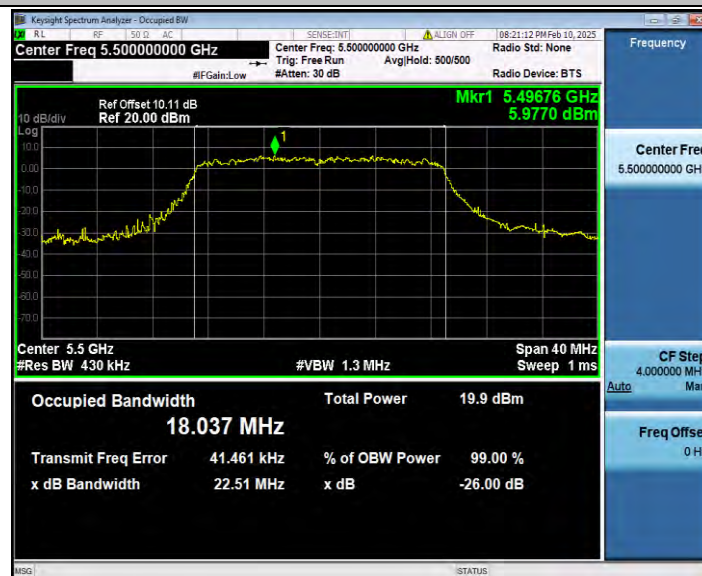
11N40SISO_Ant0_5590



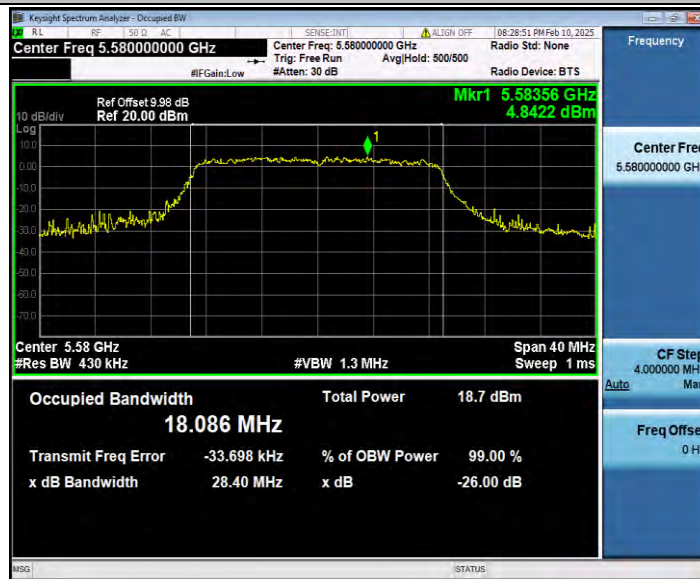
11N40SISO_Ant0_5670



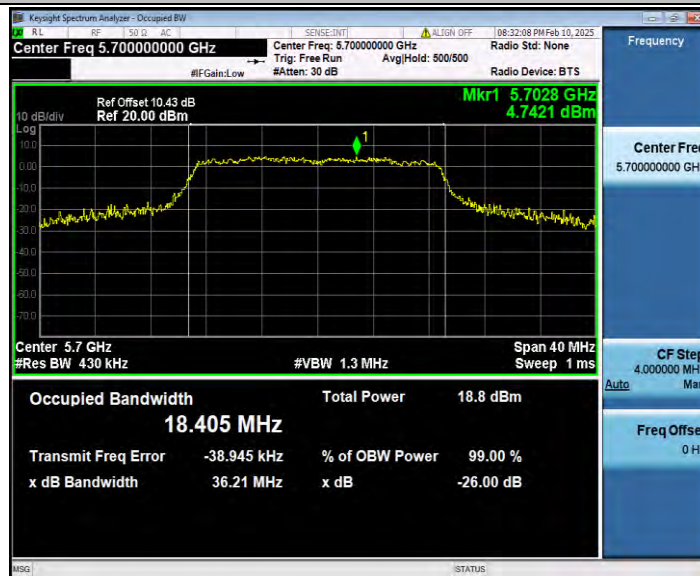
11AC20SISO_Ant0_5500



11AC20SISO_Ant0_5580



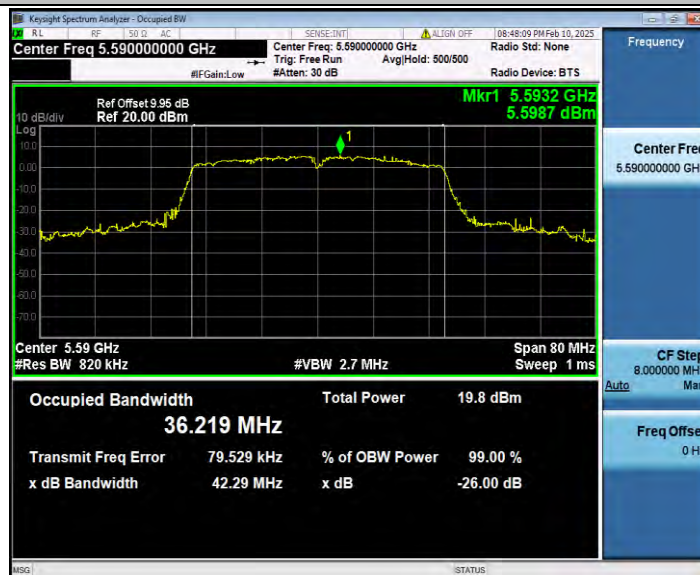
11AC20SISO_Ant0_5700



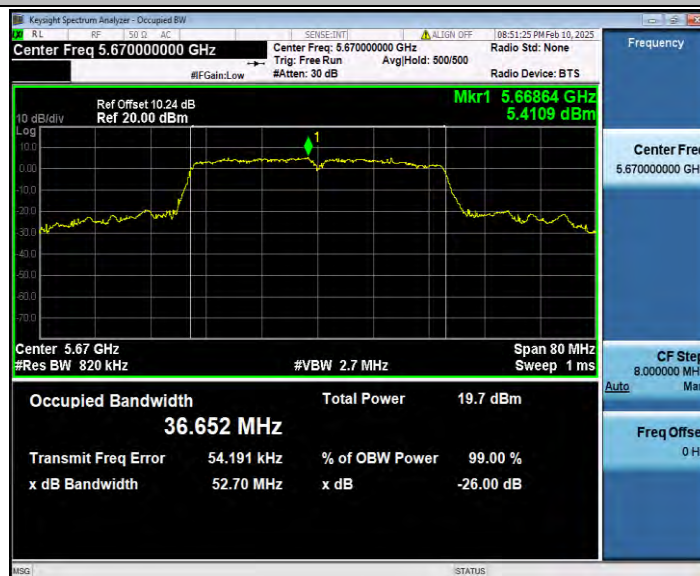
11AC40SISO_Ant0_5510



11AC40SISO_Ant0_5590



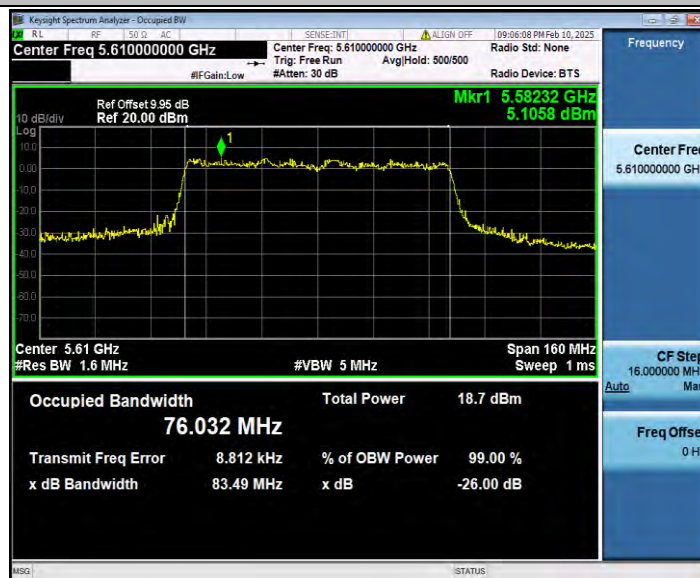
11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530



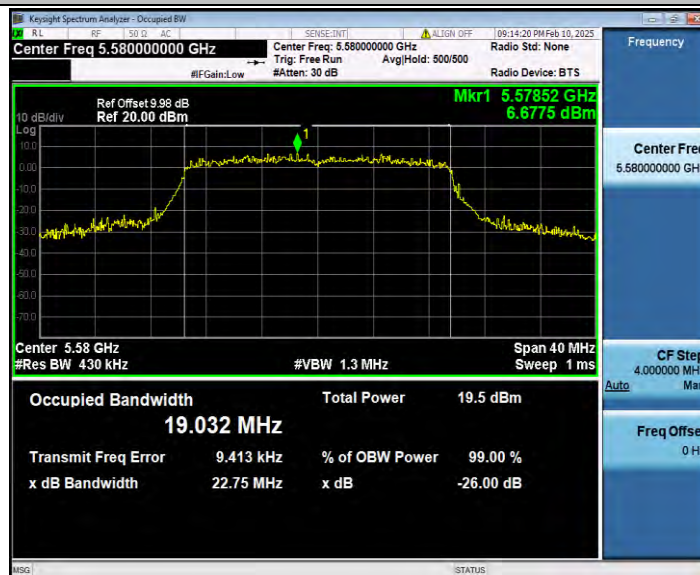
11AC80SISO_Ant0_5610



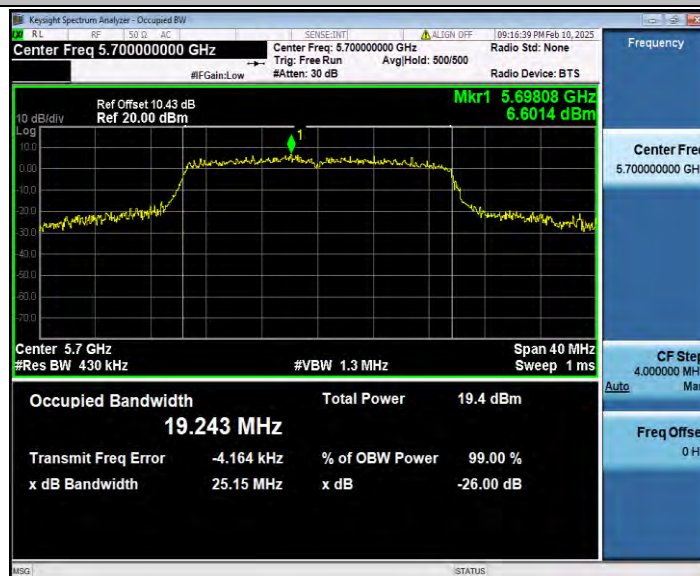
11AX20SISO_Ant0_5500



11AX20SISO_Ant0_5580



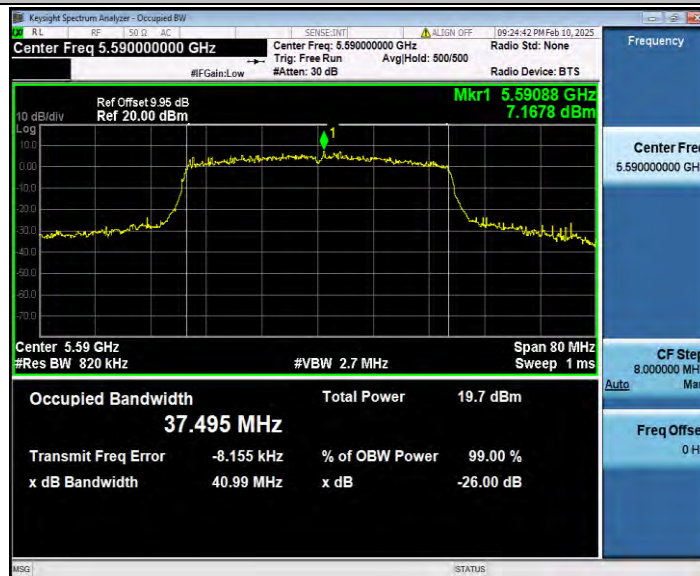
11AX20SISO_Ant0_5700



11AX40SISO_Ant0_5510



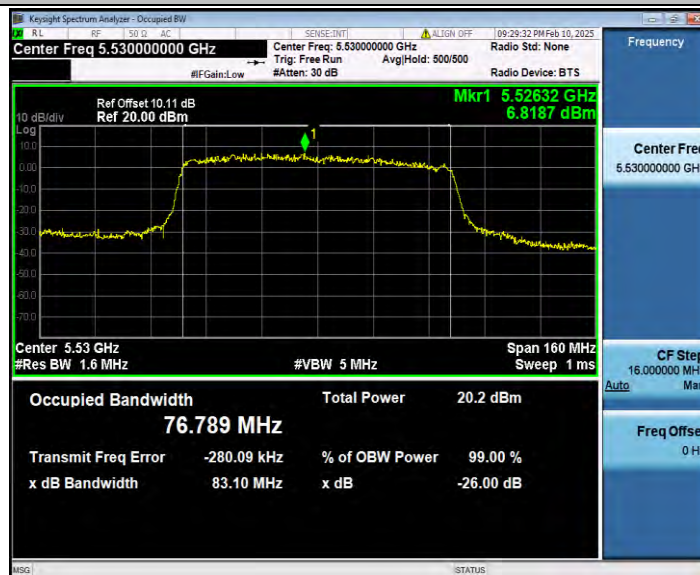
11AX40SISO_Ant0_5590



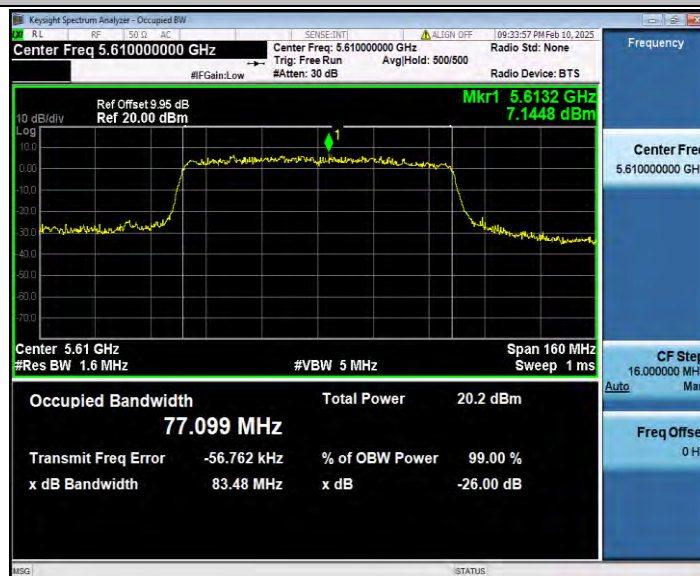
11AX40SISO_Ant0_5670



11AX80SISO_Ant0_5530



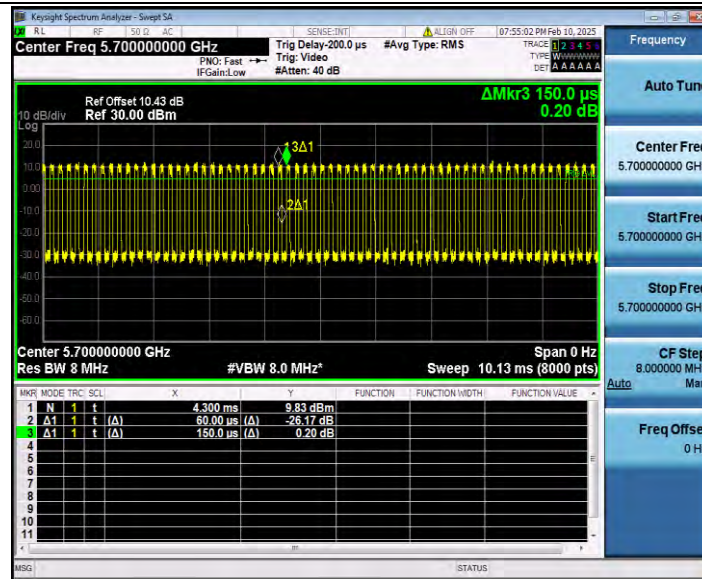
11AX80SISO_Ant0_5610



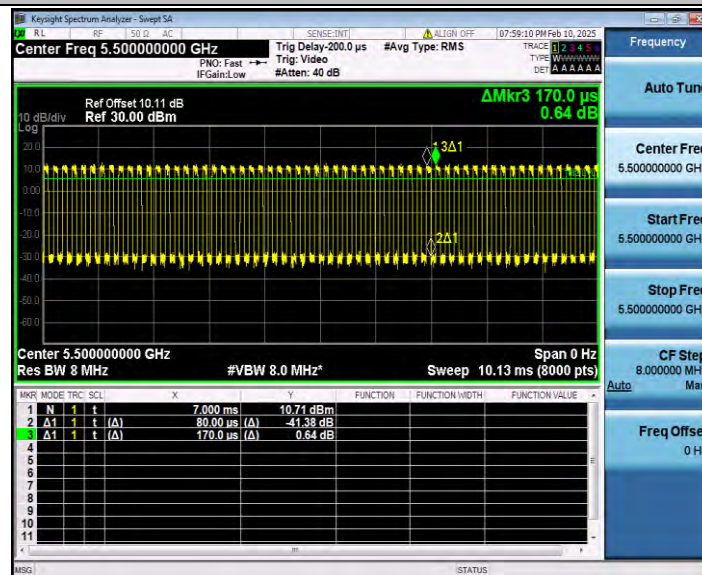
Appendix F.3: Duty Cycle

Test Result

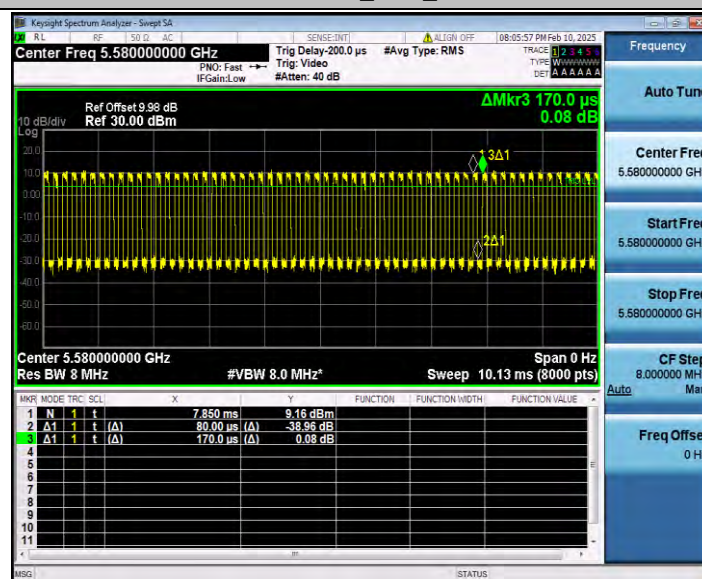
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5500	0.06	0.15	40.00	3.98	16.67
		5580	0.06	0.15	40.00	3.98	16.67
		5700	0.06	0.15	40.00	3.98	16.67
11N20SISO	Ant0	5500	0.08	0.17	47.06	3.27	12.50
		5580	0.08	0.17	47.06	3.27	12.50
		5700	0.08	0.17	47.06	3.27	12.50
11N40SISO	Ant0	5510	0.06	0.15	40.00	3.98	16.67
		5590	0.05	0.14	35.71	4.47	20.00
		5670	0.06	0.15	40.00	3.98	16.67
11AC20SISO	Ant0	5500	0.08	0.17	47.06	3.27	12.50
		5580	0.09	0.18	50.00	3.01	11.11
		5700	0.09	0.18	50.00	3.01	11.11
11AC40SISO	Ant0	5510	0.07	0.15	46.67	3.31	14.29
		5590	0.06	0.15	40.00	3.98	16.67
		5670	0.07	0.16	43.75	3.59	14.29
11AC80SISO	Ant0	5530	0.05	0.14	35.71	4.47	20.00
		5610	0.05	0.14	35.71	4.47	20.00
11AX20SISO	Ant0	5500	0.09	0.18	50.00	3.01	11.11
		5580	0.09	0.18	50.00	3.01	11.11
		5700	0.09	0.18	50.00	3.01	11.11
11AX40SISO	Ant0	5510	0.09	0.18	50.00	3.01	11.11
		5590	0.08	0.18	44.44	3.52	12.50
		5670	0.09	0.18	50.00	3.01	11.11
11AX80SISO	Ant0	5530	0.07	0.16	43.75	3.59	14.29
		5610	0.08	0.17	47.06	3.27	12.50



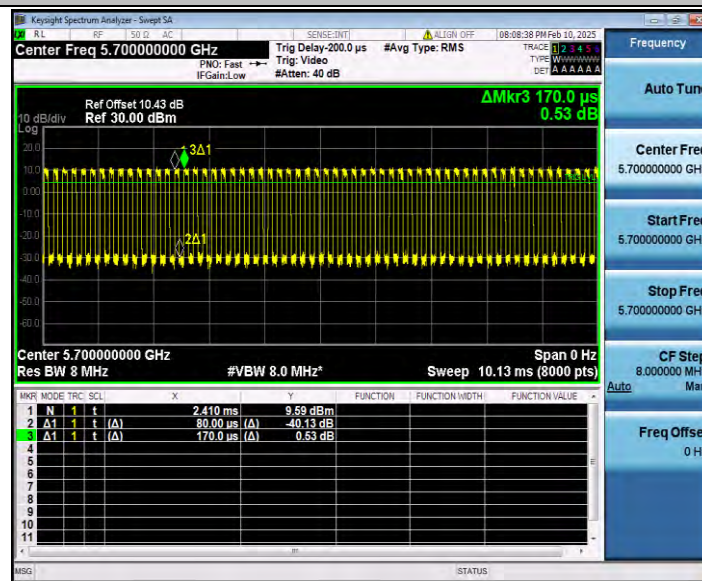
11N20SISO_Ant0_5500



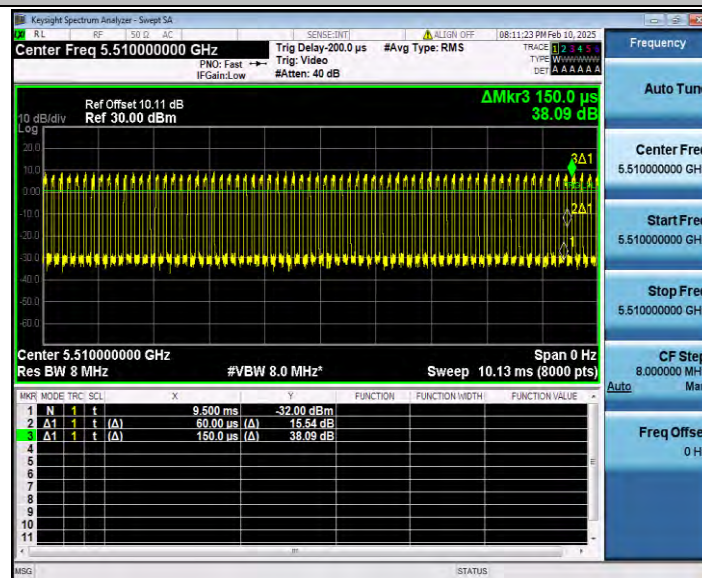
11N20SISO_Ant0_5580



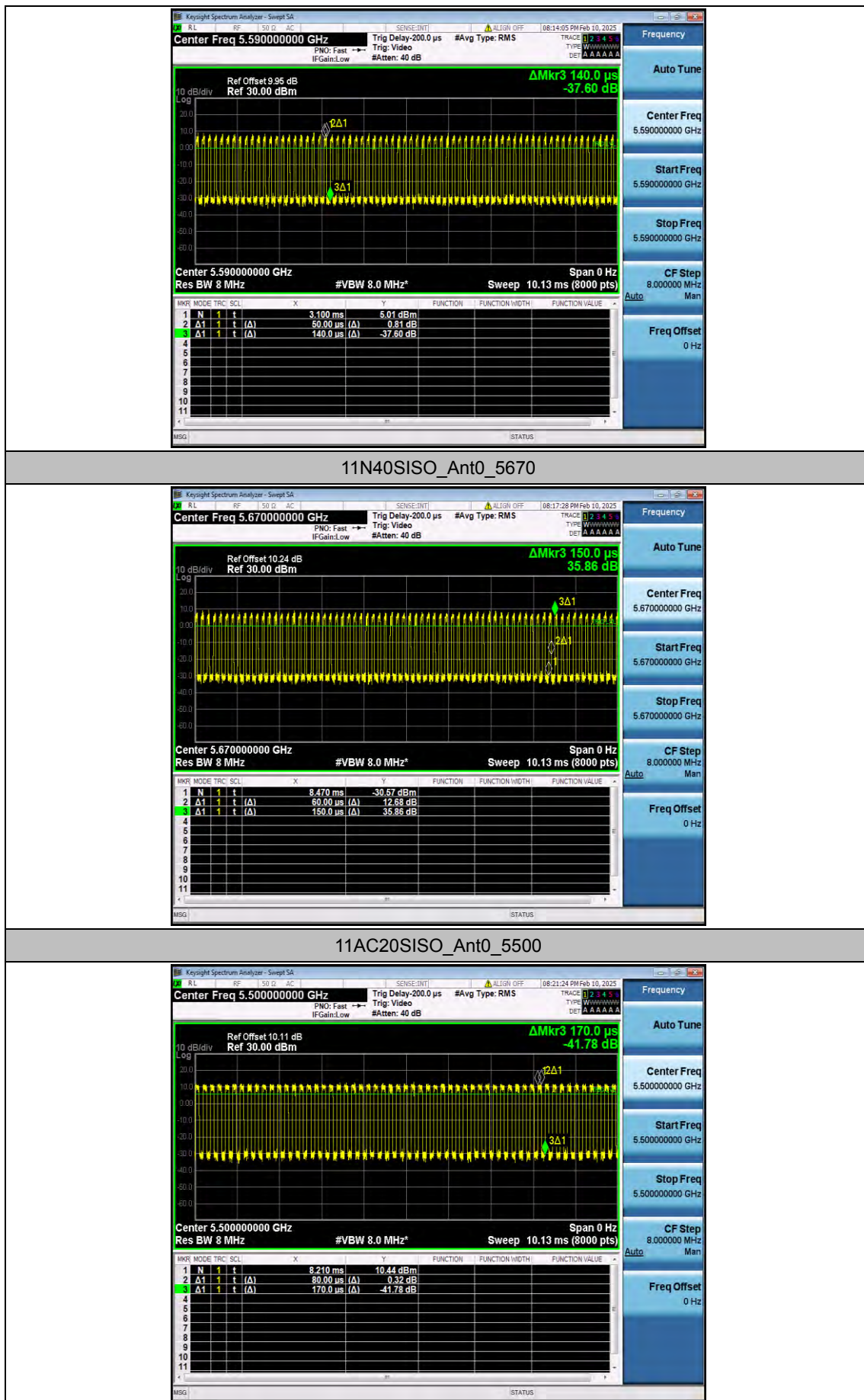
11N20SISO_Ant0_5700



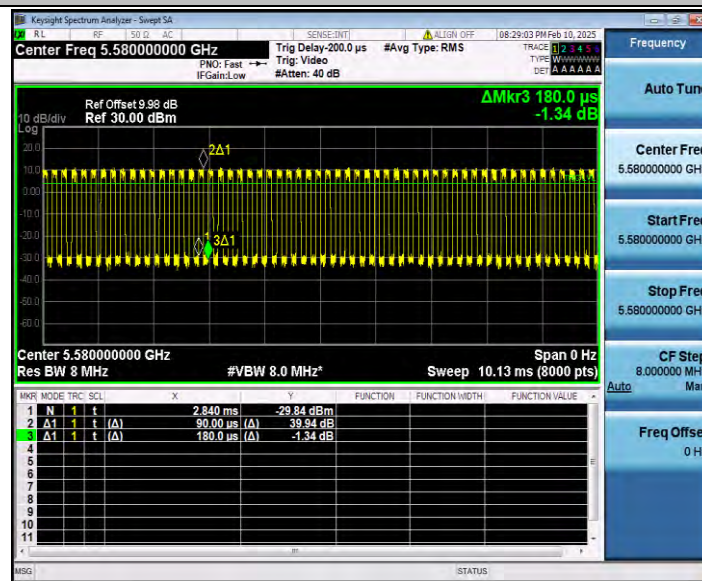
11N40SISO_Ant0_5510



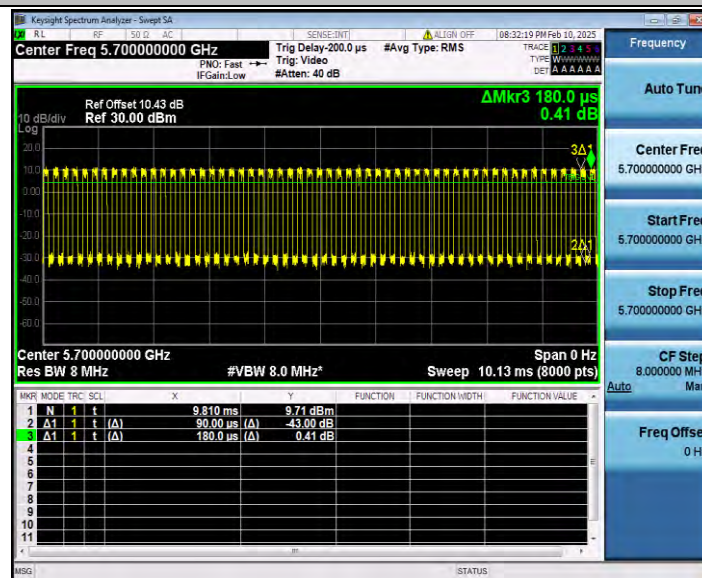
11N40SISO_Ant0_5590



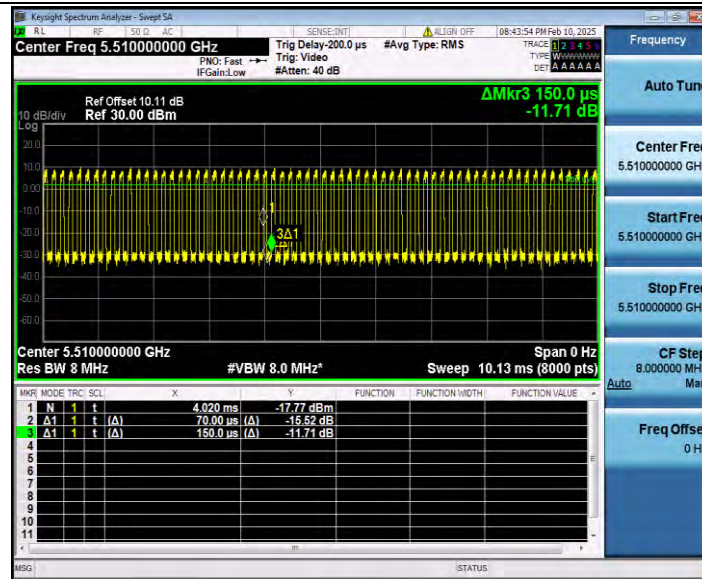
11AC20SISO_Ant0_5580



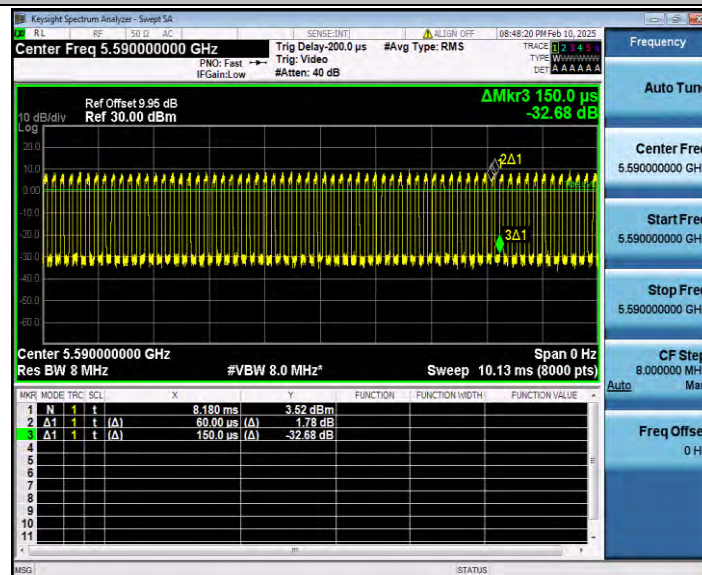
11AC20SISO_Ant0_5700



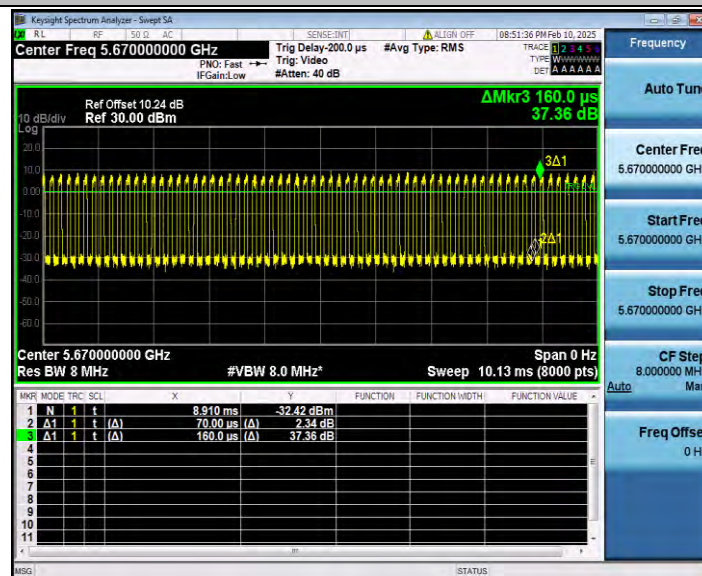
11AC40SISO_Ant0_5510



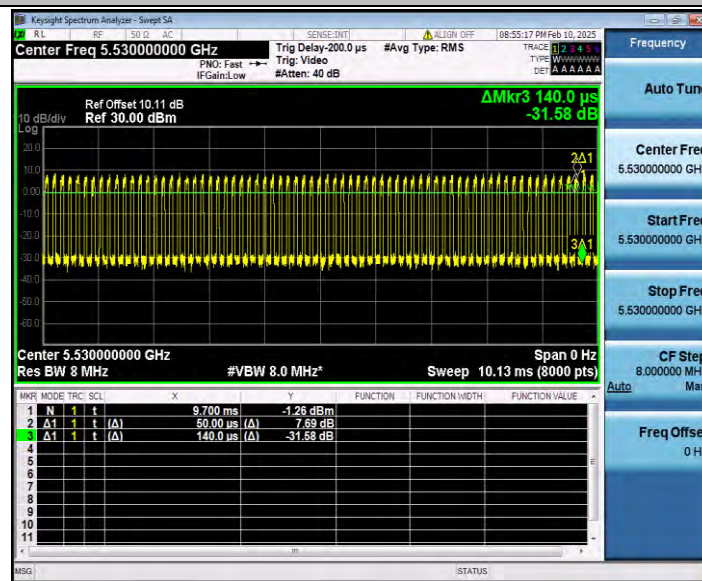
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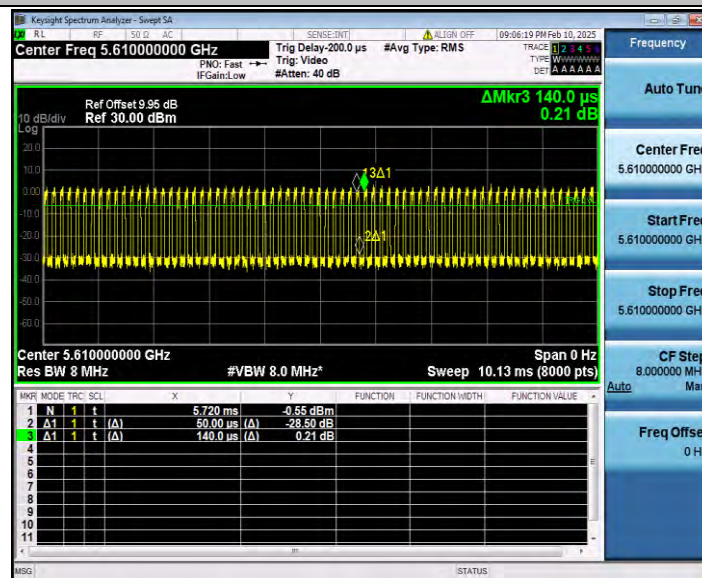
11AC40SISO_Ant0_5670



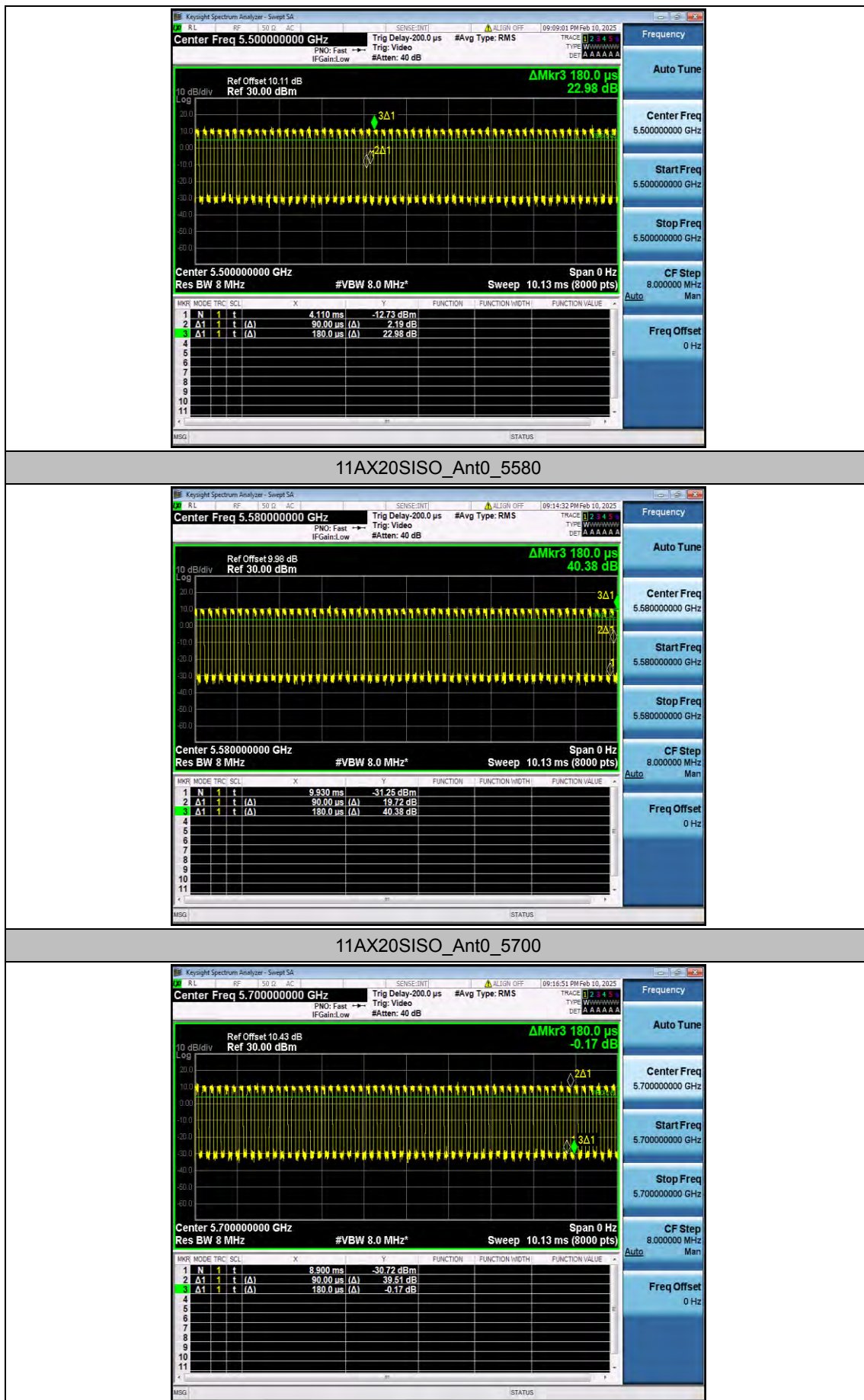
11AC80SISO_Ant0_5530



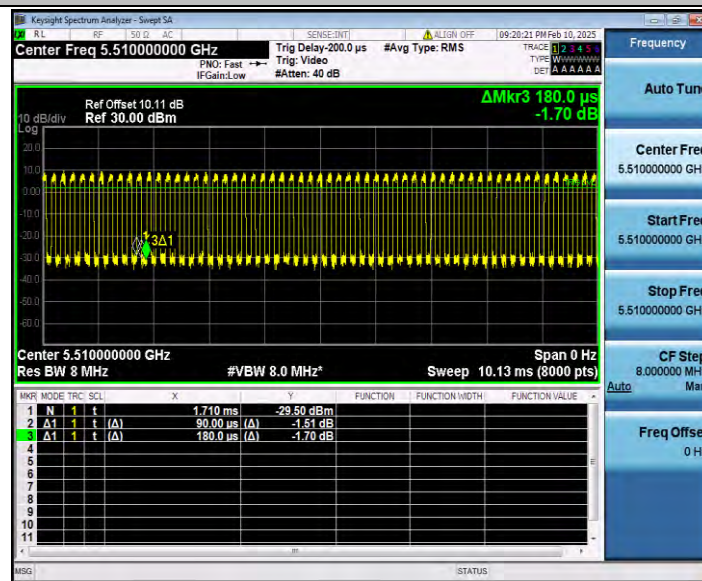
11AC80SISO_Ant0_5610



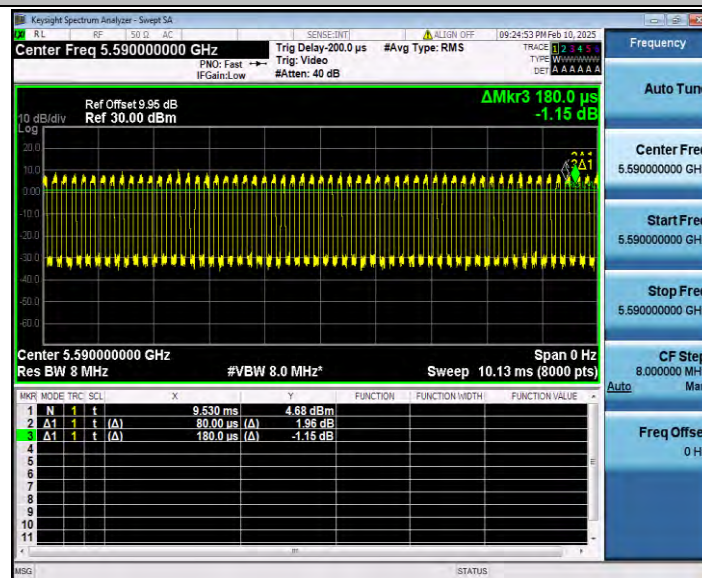
11AX20SISO_Ant0_5500



11AX40SISO_Ant0_5510



11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670

