

Case No. : <u>GTS20241129021-1-05</u>	
Ambient Condition: <u>21</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.1.14</u>	Test Engineer: <u>Evan ouyang</u>

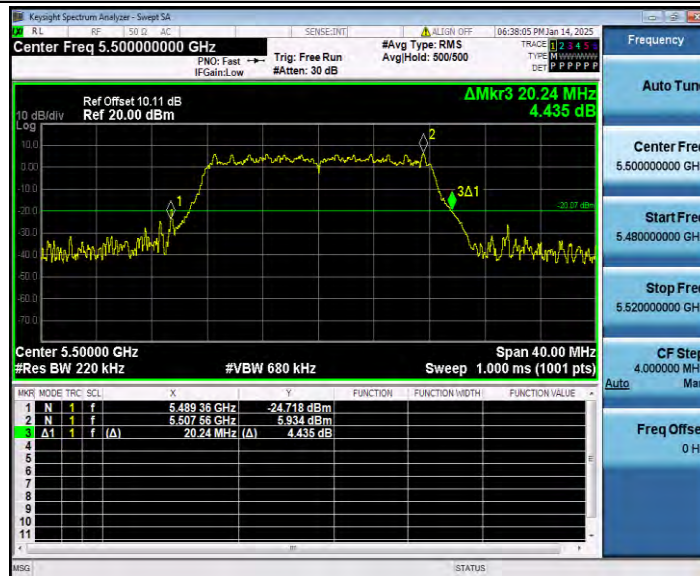
Appendix F.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	20.240	5489.360	5509.600	---	---
		5580	18.840	5570.720	5589.560	---	---
		5700	19.080	5690.400	5709.480	---	---
11N20SISO	Ant1	5500	19.360	5490.400	5509.760	---	---
		5580	19.360	5570.320	5589.680	---	---
		5700	19.200	5690.440	5709.640	---	---
11N40SISO	Ant1	5510	38.800	5490.800	5529.600	---	---
		5590	38.800	5570.800	5609.600	---	---
		5670	38.880	5650.720	5689.600	---	---
11AC20SISO	Ant1	5500	19.240	5490.360	5509.600	---	---
		5580	19.280	5570.440	5589.720	---	---
		5700	19.640	5690.160	5709.800	---	---
11AC40SISO	Ant1	5510	38.880	5490.720	5529.600	---	---
		5590	38.640	5570.800	5609.440	---	---
		5670	38.800	5650.720	5689.520	---	---
11AC80SISO	Ant1	5530	81.280	5489.840	5571.120	---	---
		5610	81.440	5570.000	5651.440	---	---
11AX20SISO	Ant1	5500	20.000	5489.960	5509.960	---	---
		5580	20.120	5570.000	5590.120	---	---
		5700	19.840	5690.120	5709.960	---	---
11AX40SISO	Ant1	5510	39.040	5490.560	5529.600	---	---
		5590	39.280	5570.320	5609.600	---	---
		5670	39.040	5650.480	5689.520	---	---
11AX80SISO	Ant1	5530	82.080	5489.360	5571.440	---	---
		5610	83.040	5569.040	5652.080	---	---

Test Graphs

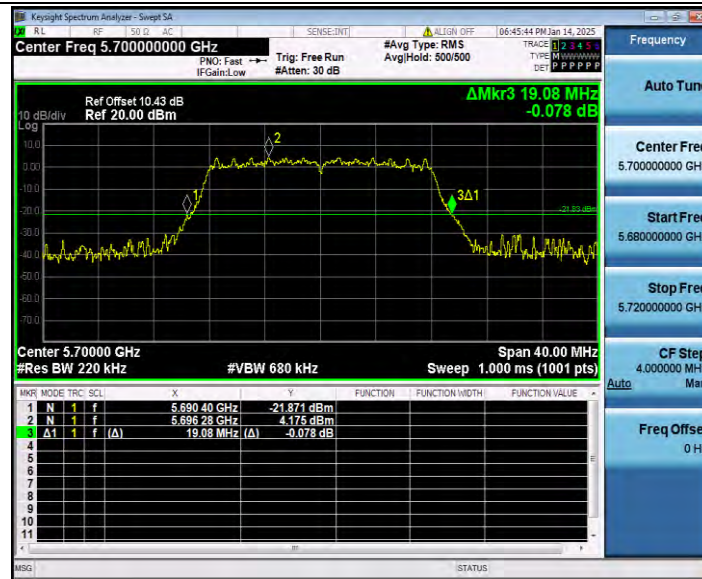
11A_Ant1_5500



11A_Ant1_5580



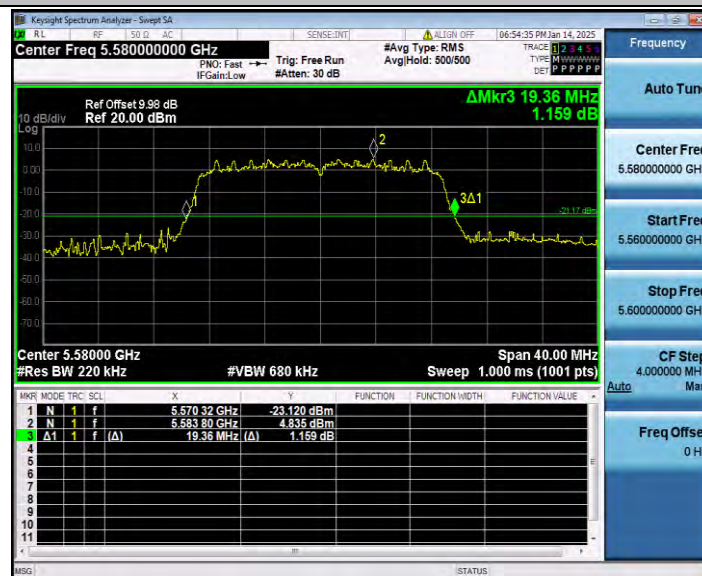
11A_Ant1_5700



11N20SISO_Ant1_5500



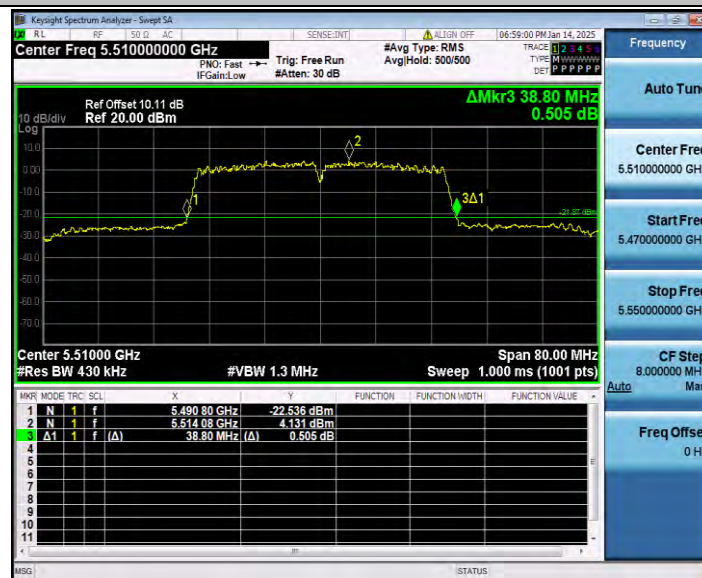
11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



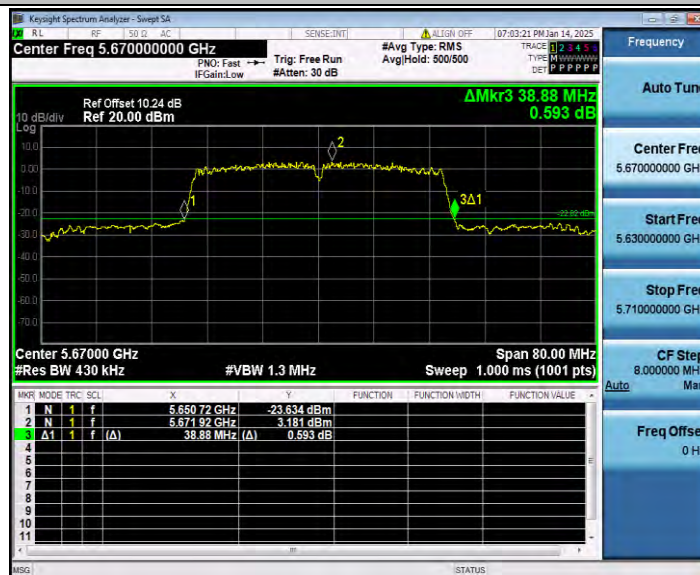
11N40SISO_Ant1_5510



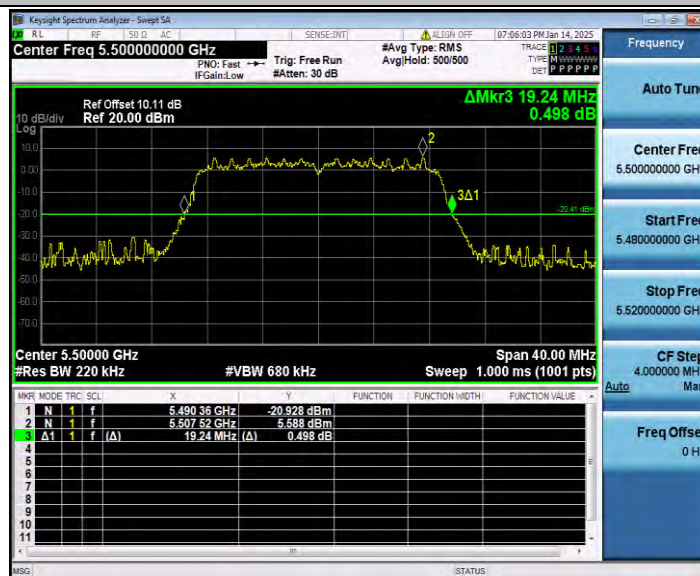
11N40SISO_Ant1_5590



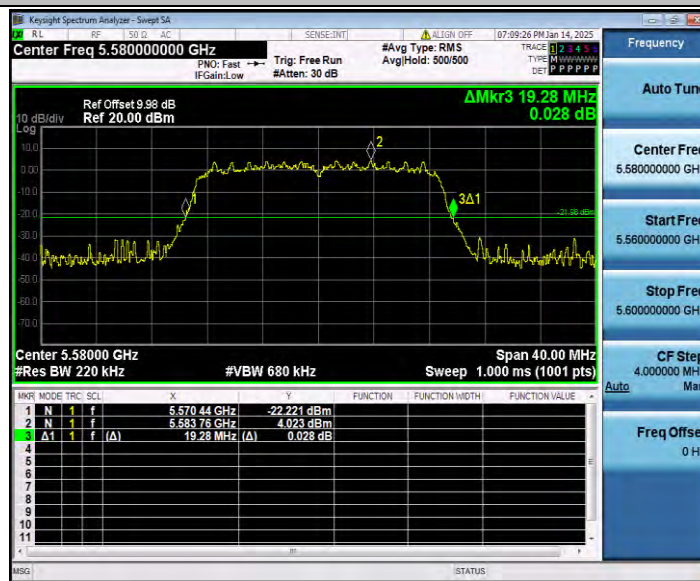
11N40SISO_Ant1_5670



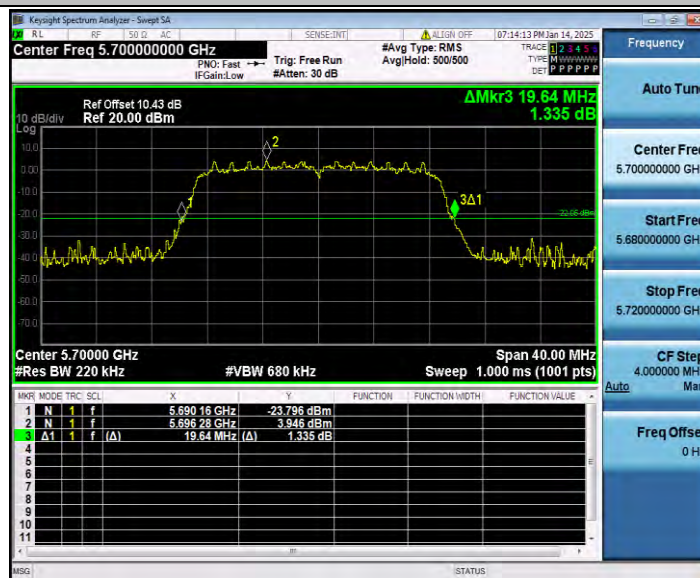
11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



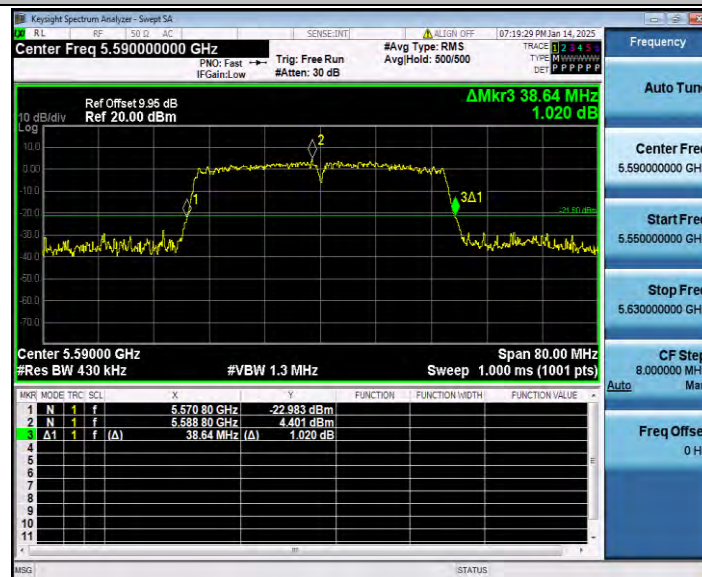
11AC20SISO_Ant1_5700



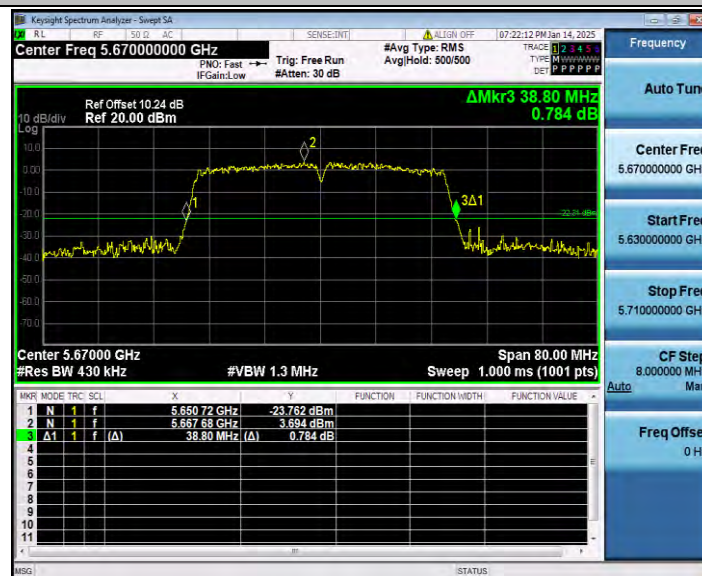
11AC40SISO_Ant1_5510

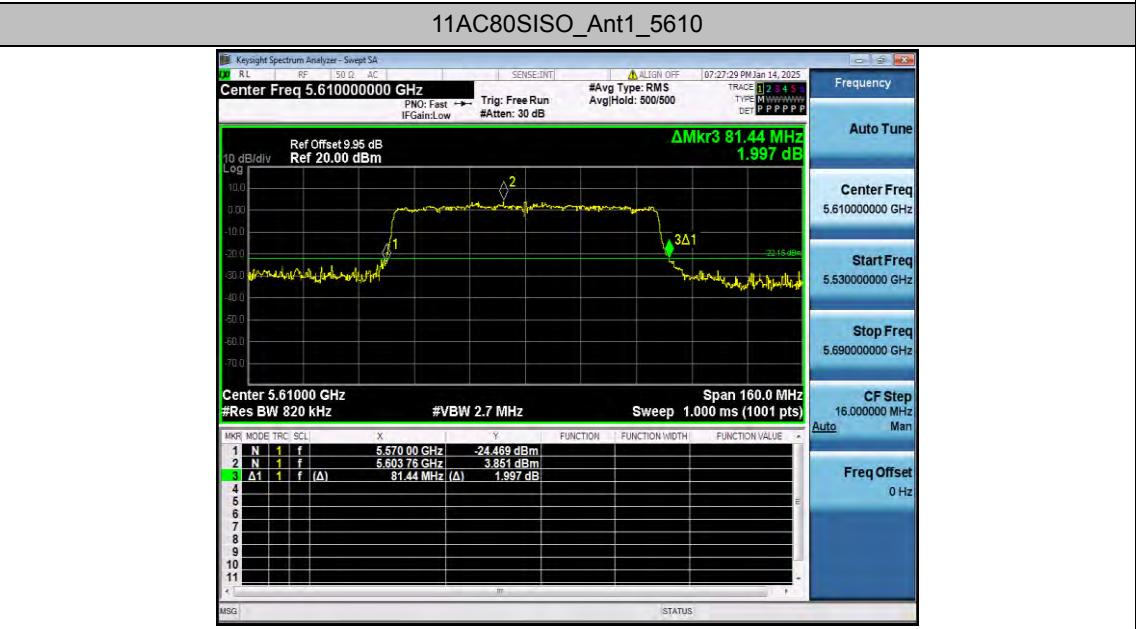
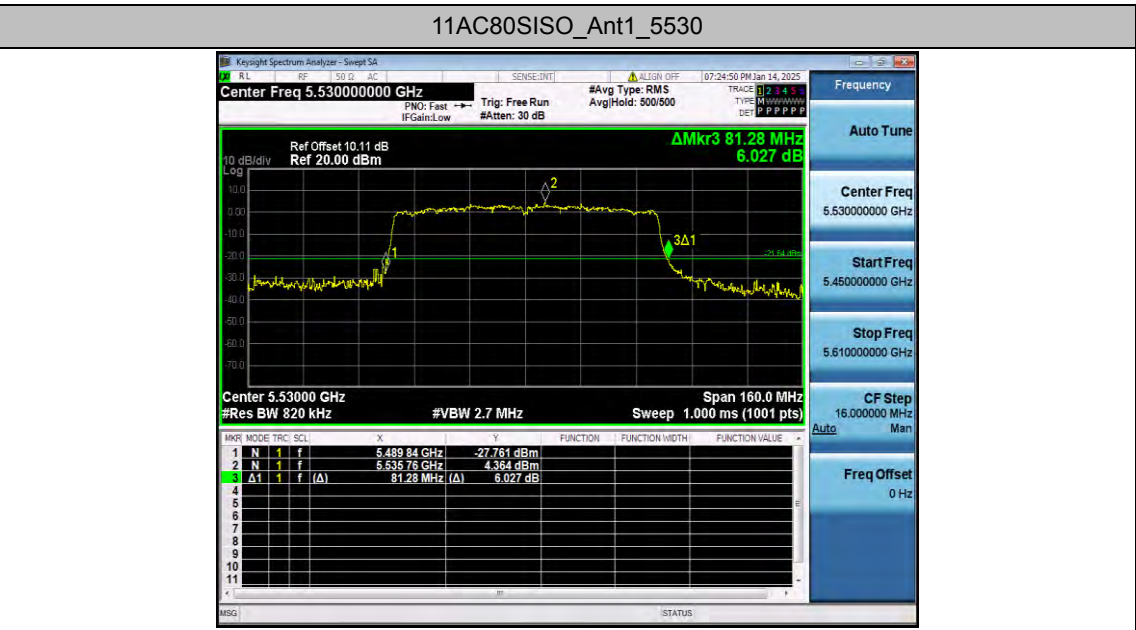


11AC40SISO_Ant1_5590

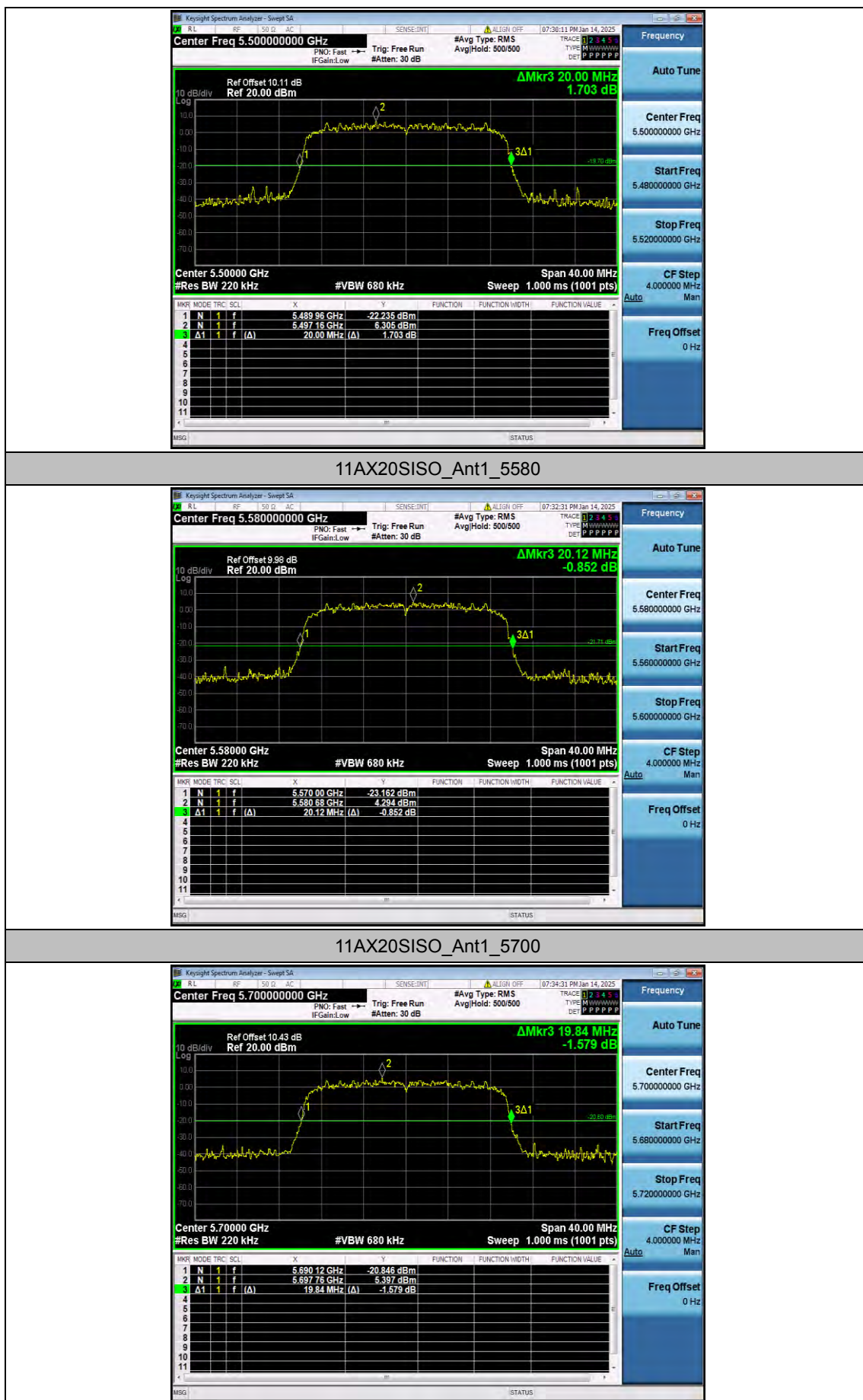


11AC40SISO_Ant1_5670

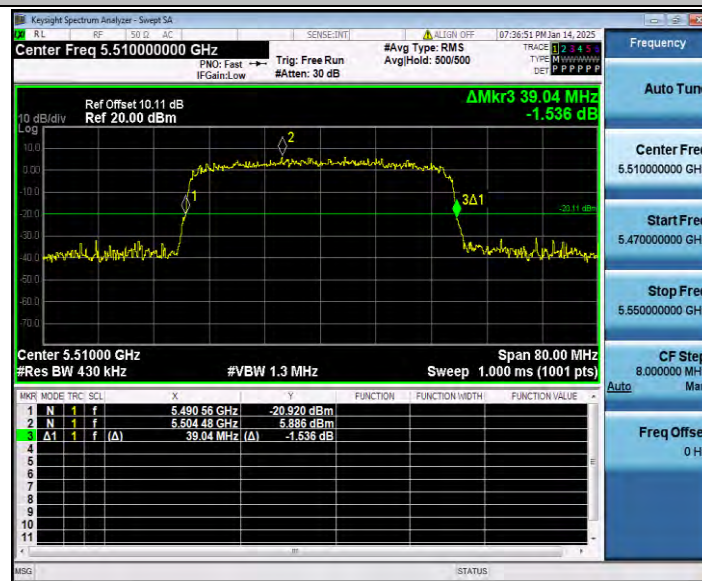




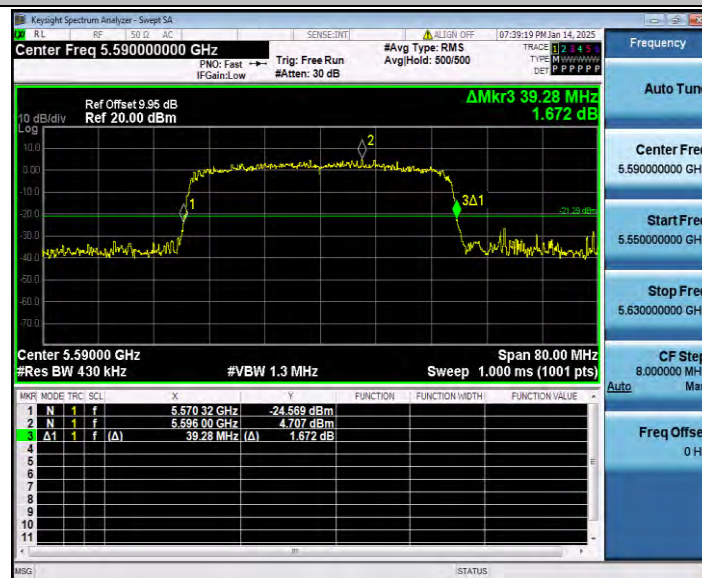
11AX20SISO_Ant1_5500



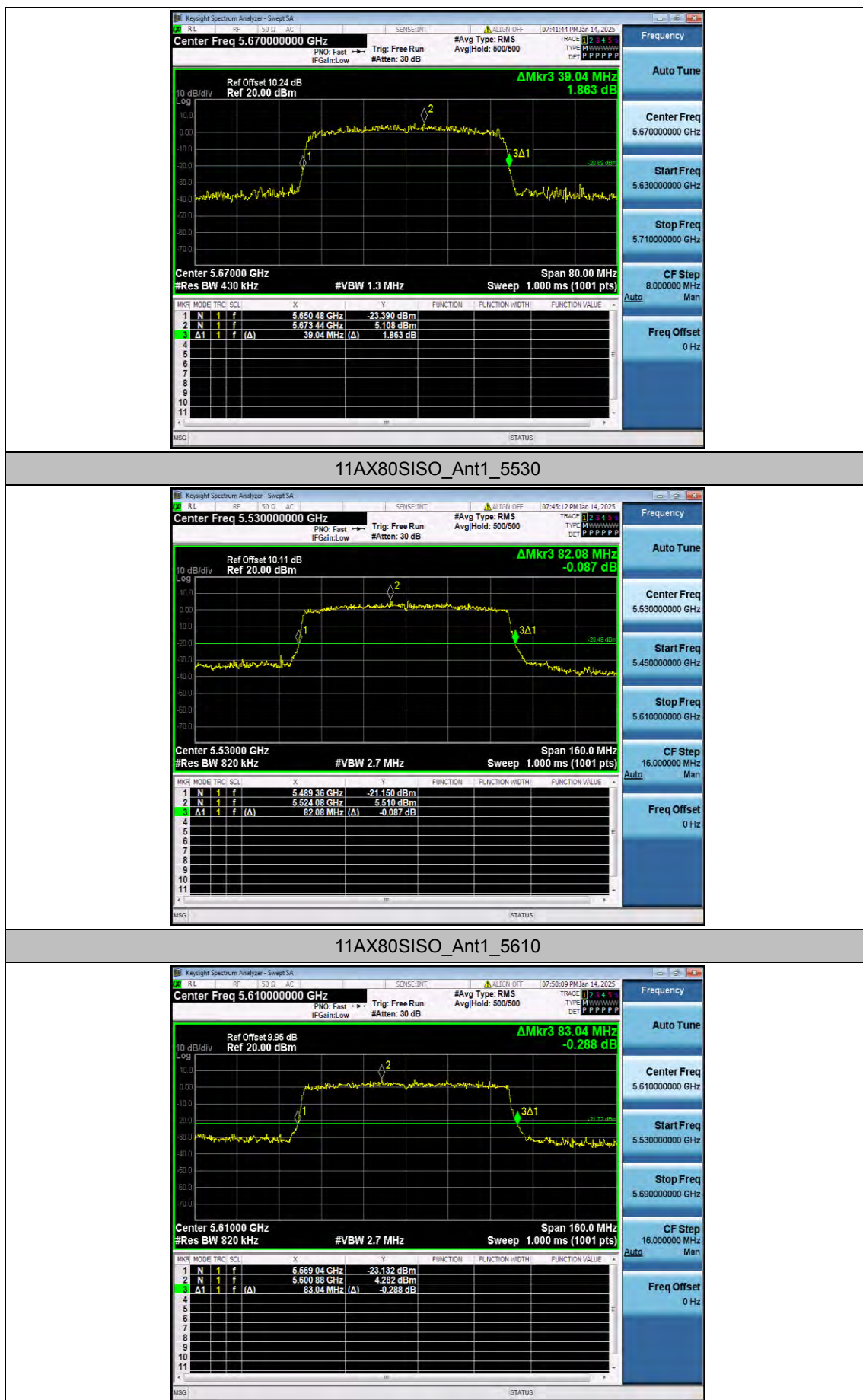
11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670

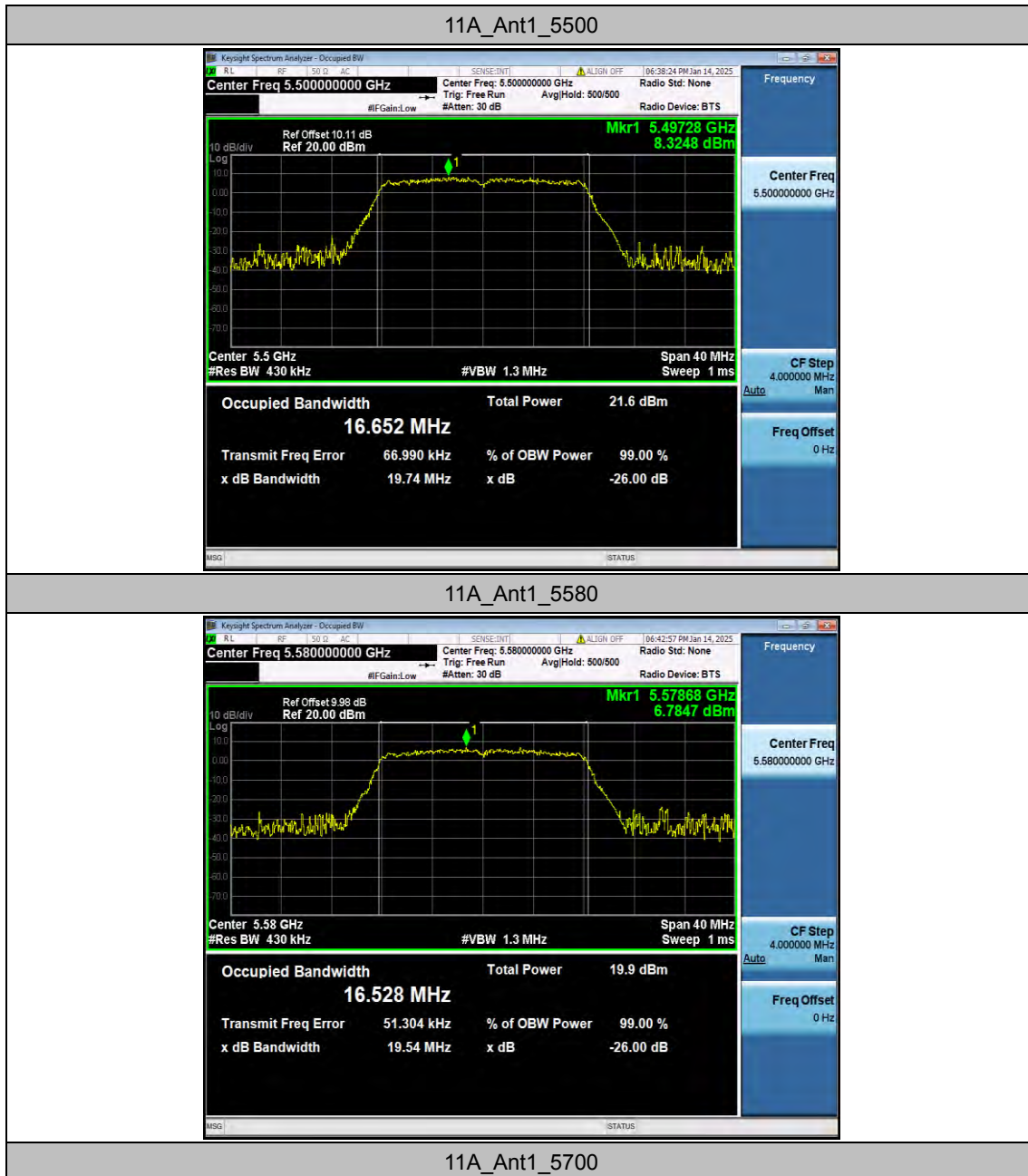


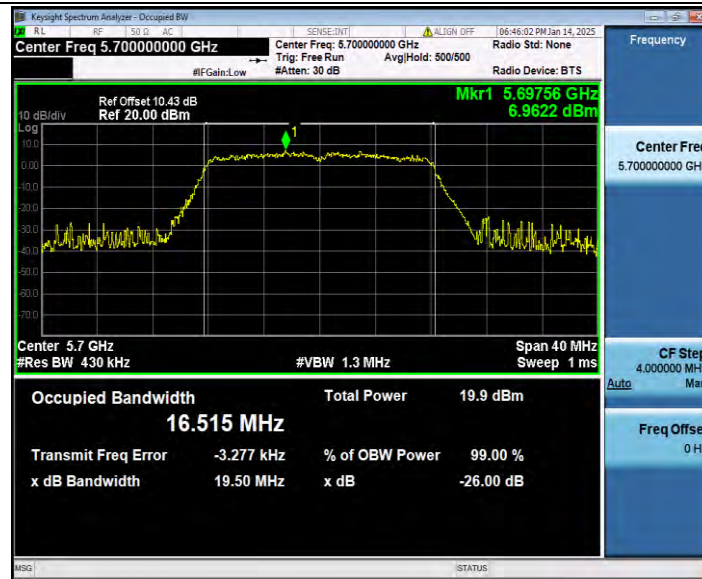
Appendix F.2: Occupied channel bandwidth

Test Result

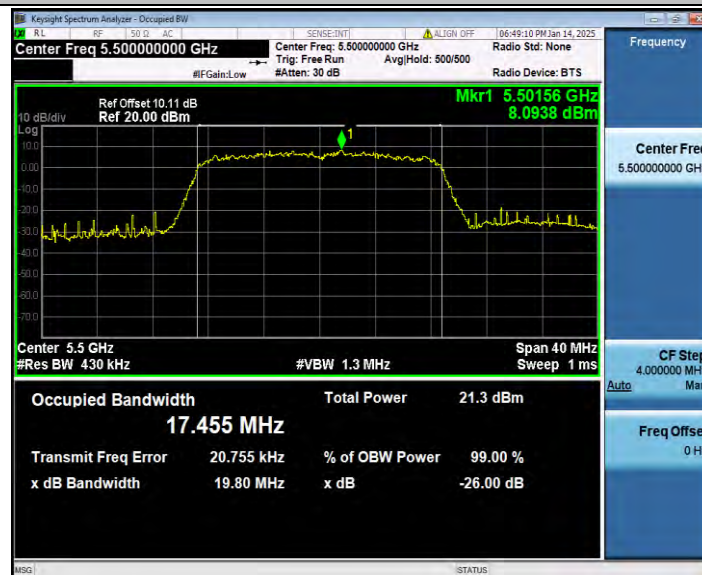
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	16.652	5491.7410	5508.3930	---	---
		5580	16.528	5571.7873	5588.3153	---	---
		5700	16.515	5691.7392	5708.2542	---	---
11N20SISO	Ant1	5500	17.455	5491.2933	5508.7483	---	---
		5580	17.500	5571.2902	5588.7902	---	---
		5700	17.482	5691.2759	5708.7579	---	---
11N40SISO	Ant1	5510	35.878	5492.1831	5528.0611	---	---
		5590	36.001	5572.0845	5608.0855	---	---
		5670	35.908	5652.1100	5688.0180	---	---
11AC20SISO	Ant1	5500	17.552	5491.2392	5508.7912	---	---
		5580	17.420	5571.3350	5588.7550	---	---
		5700	17.448	5691.2764	5708.7244	---	---
11AC40SISO	Ant1	5510	35.666	5492.3001	5527.9661	---	---
		5590	35.647	5572.3084	5607.9554	---	---
		5670	35.621	5652.3049	5687.9259	---	---
11AC80SISO	Ant1	5530	75.417	5492.5892	5568.0062	---	---
		5610	75.823	5572.3649	5648.1879	---	---
11AX20SISO	Ant1	5500	18.444	5490.8260	5509.2700	---	---
		5580	18.338	5570.8372	5589.1752	---	---
		5700	18.403	5690.8352	5709.2382	---	---
11AX40SISO	Ant1	5510	36.490	5491.8452	5528.3352	---	---
		5590	36.503	5571.8041	5608.3071	---	---
		5670	36.530	5651.7019	5688.2319	---	---
11AX80SISO	Ant1	5530	77.056	5491.6832	5568.7392	---	---
		5610	77.351	5571.4206	5648.7716	---	---

Test Graphs

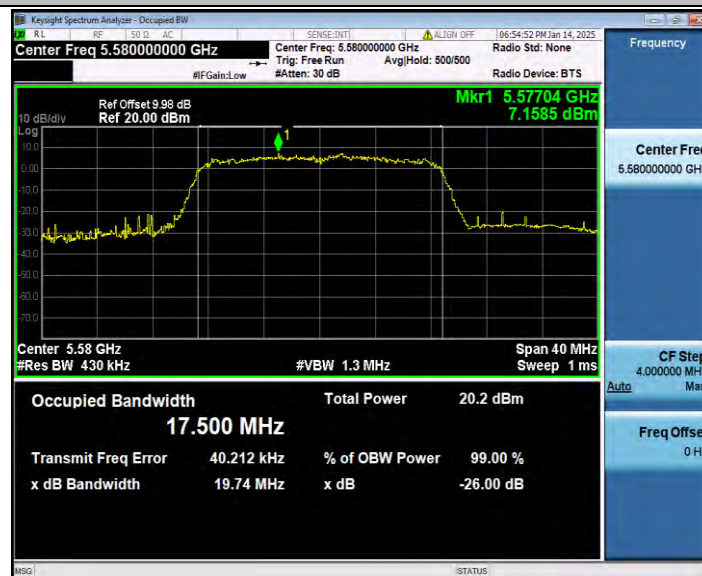




11N20SISO_Ant1_5500



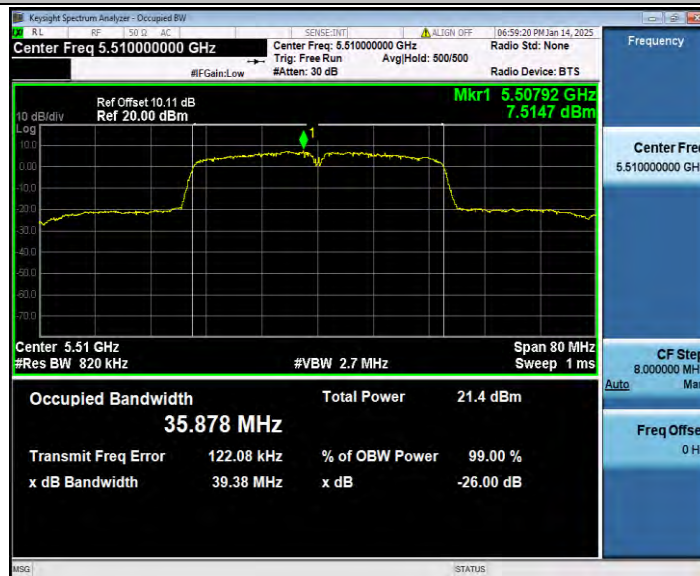
11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



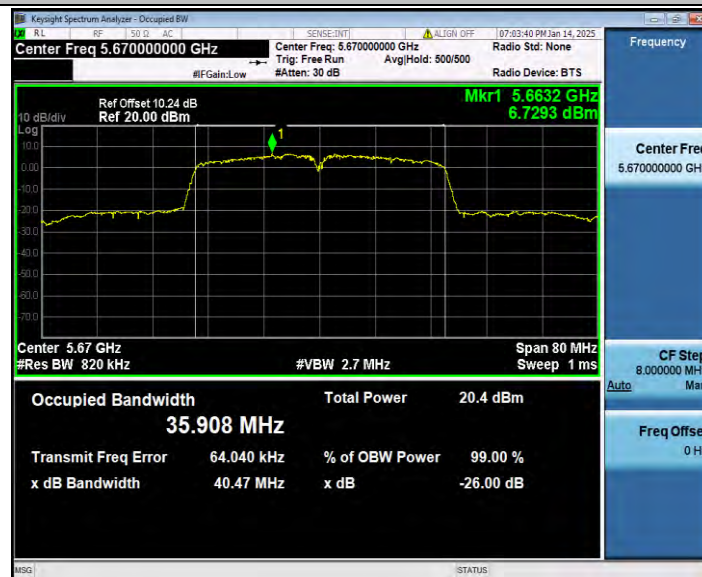
11N40SISO_Ant1_5510



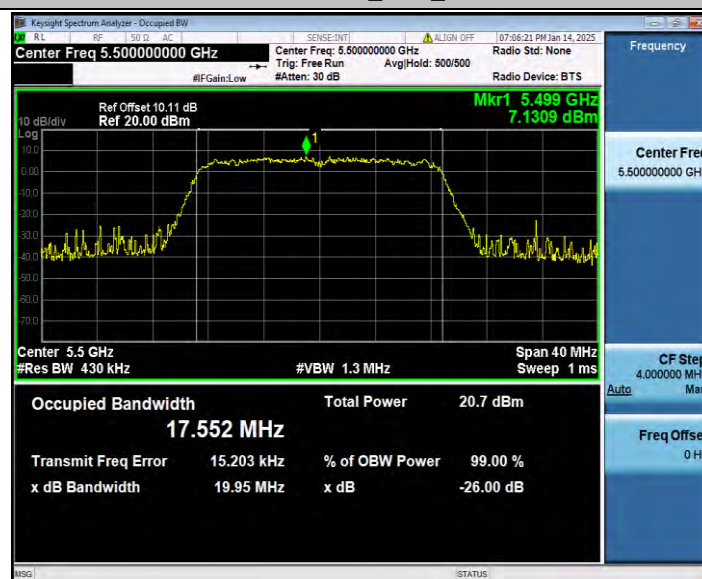
11N40SISO_Ant1_5590



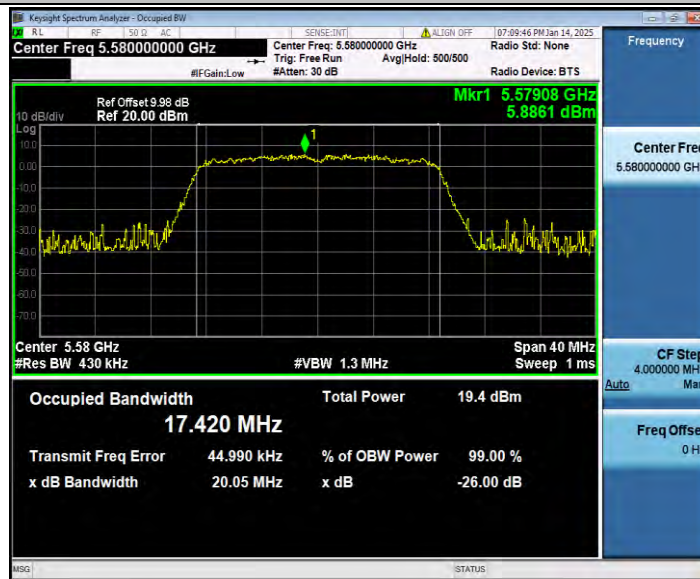
11N40SISO_Ant1_5670



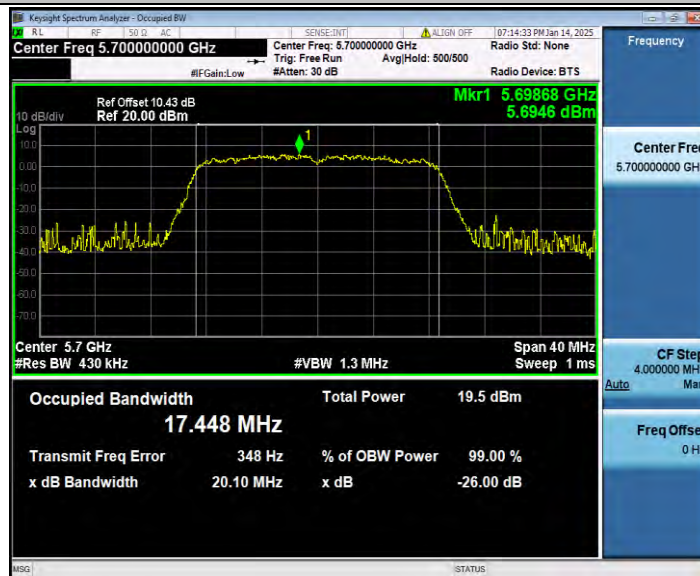
11AC20SISO_Ant1_5500



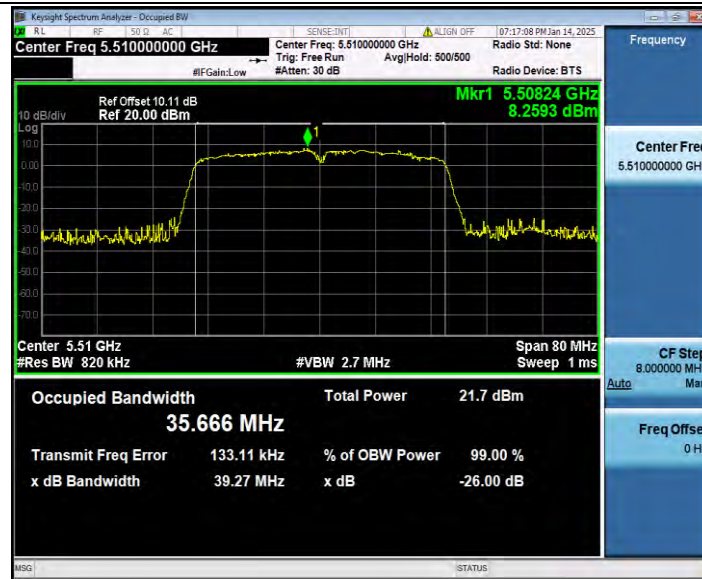
11AC20SISO_Ant1_5580



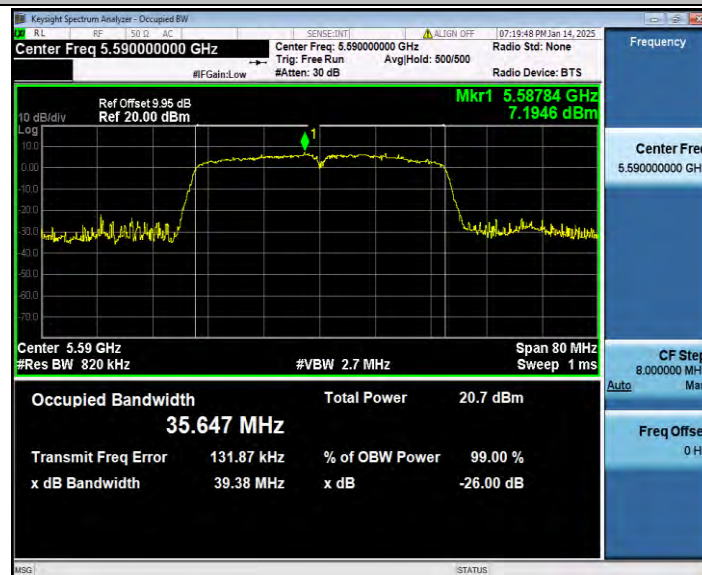
11AC20SISO_Ant1_5700



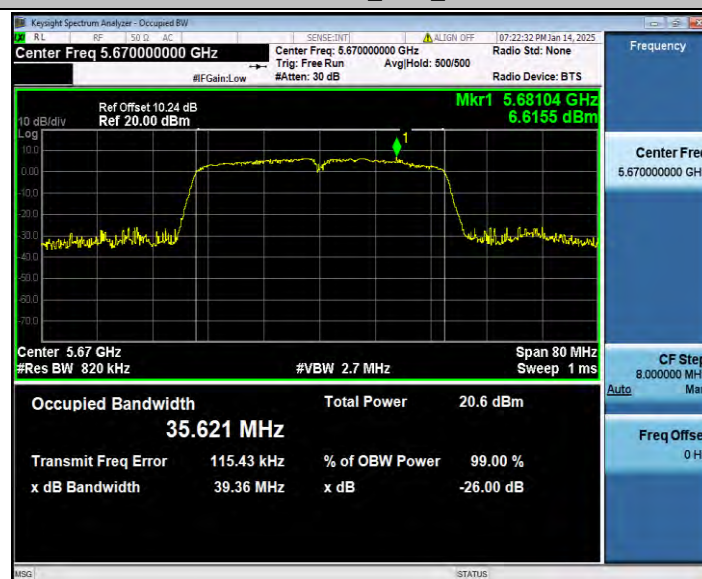
11AC40SISO_Ant1_5510



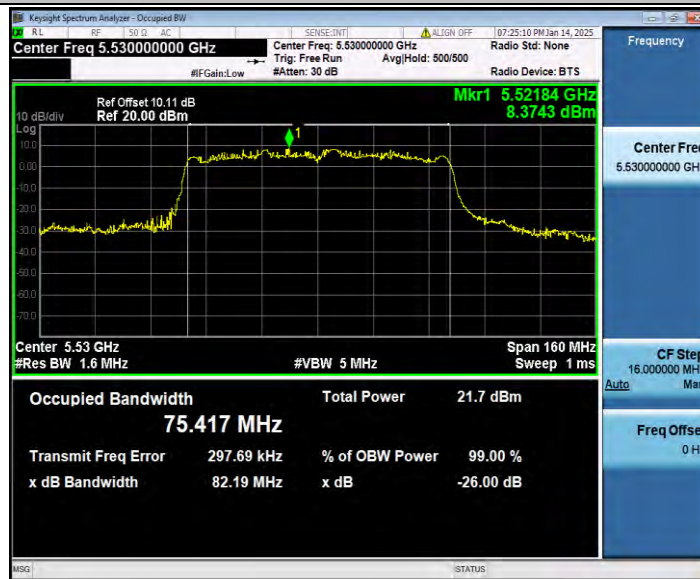
11AC40SISO_Ant1_5590



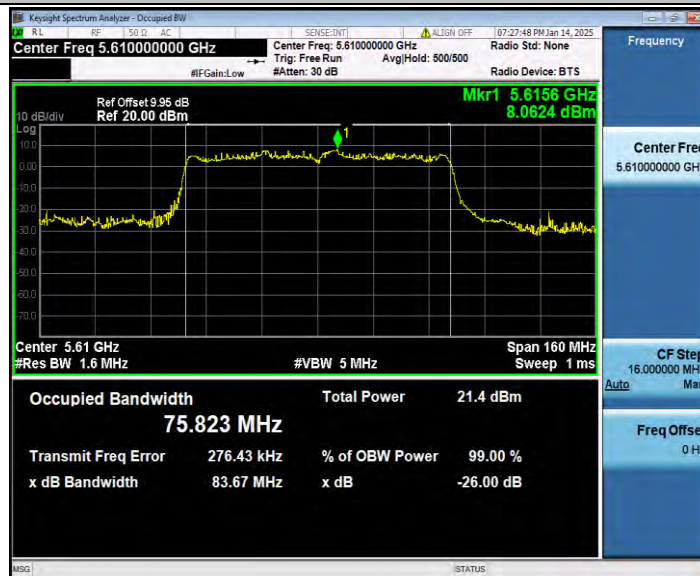
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



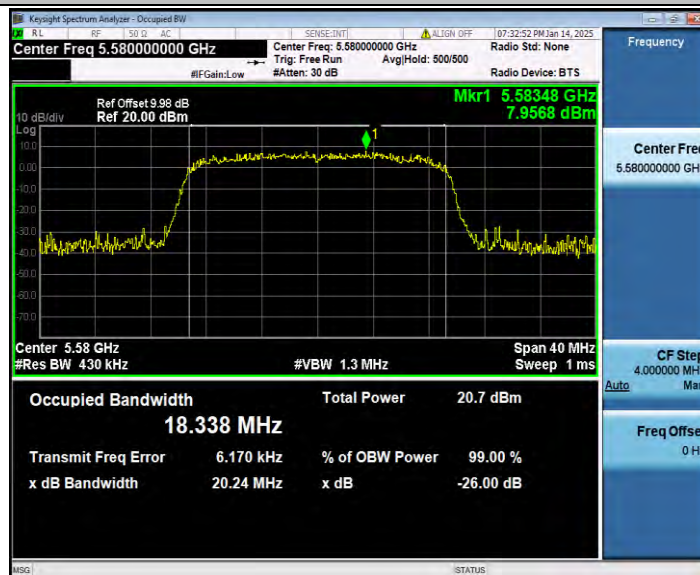
11AC80SISO_Ant1_5610



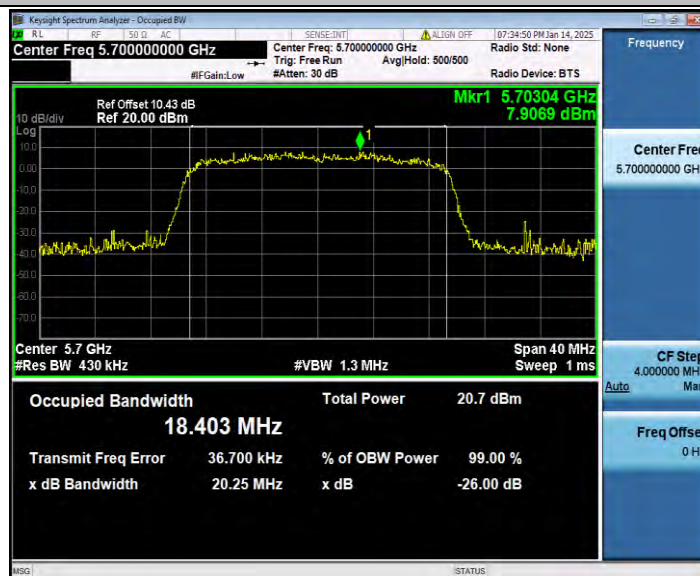
11AX20SISO_Ant1_5500



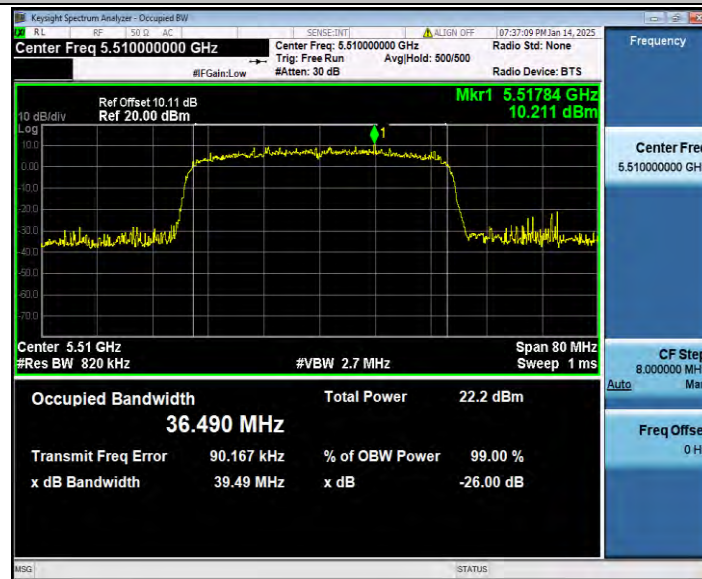
11AX20SISO_Ant1_5580



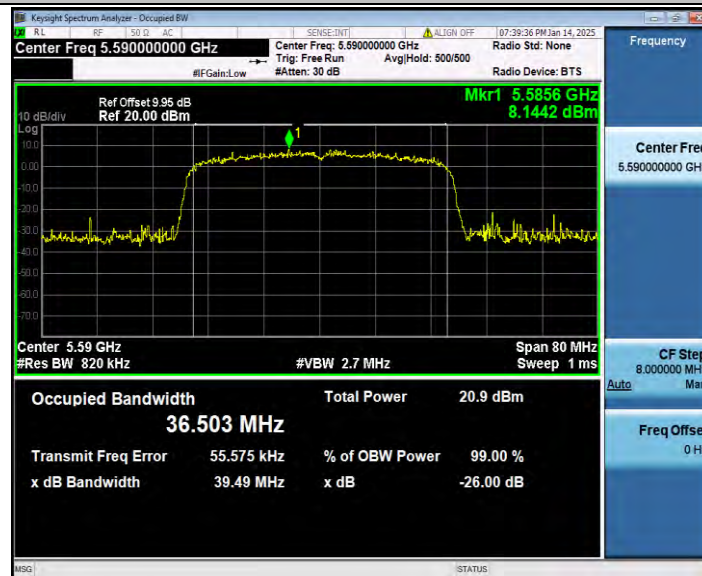
11AX20SISO_Ant1_5700



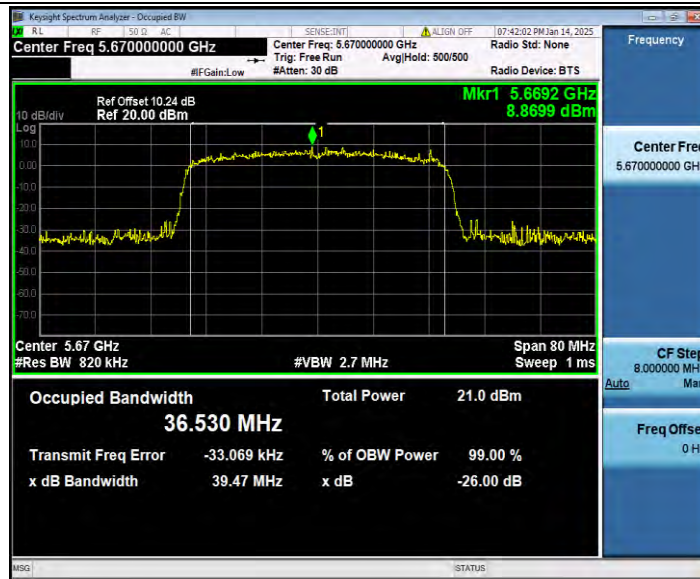
11AX40SISO_Ant1_5510



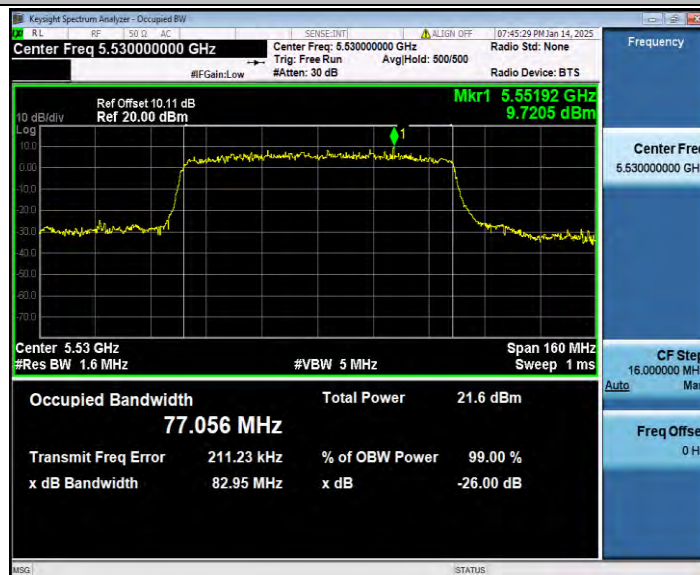
11AX40SISO_Ant1_5590



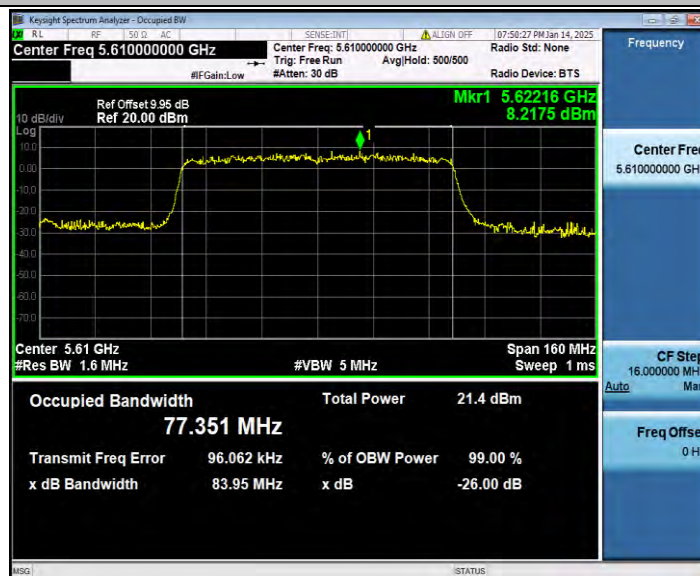
11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610



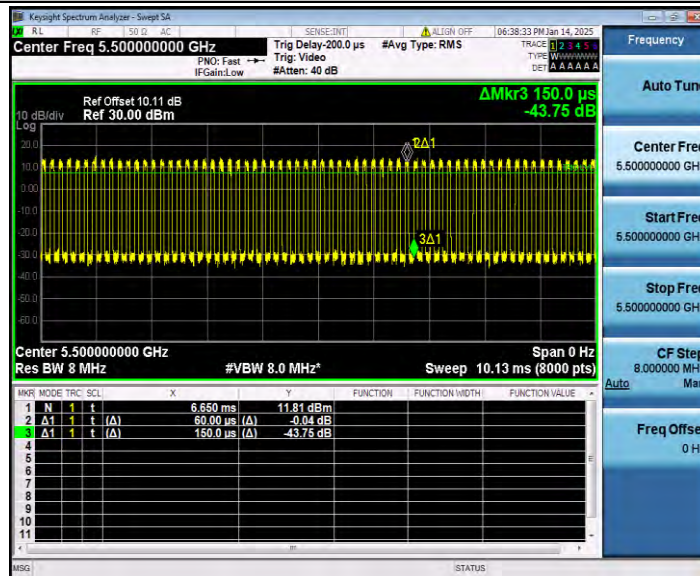
Appendix F.3: Duty Cycle

Test Result

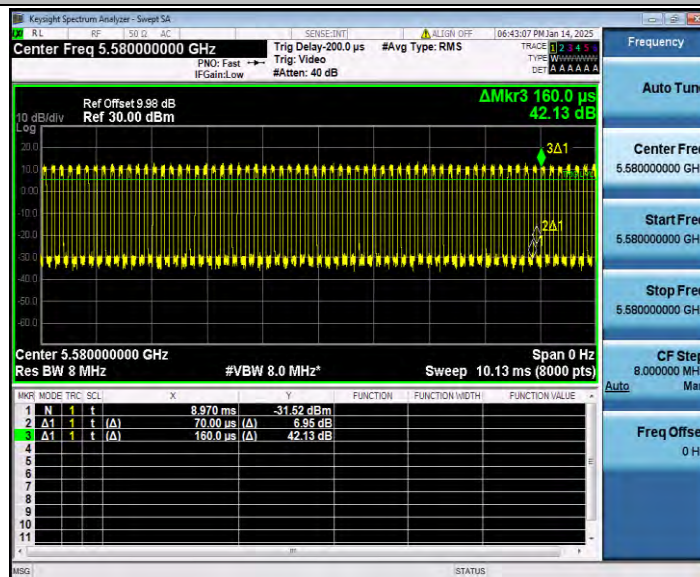
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	0.06	0.15	40.00	3.98	16.67
		5580	0.07	0.16	43.75	3.59	14.29
		5700	0.07	0.16	43.75	3.59	14.29
11N20SISO	Ant1	5500	0.08	0.17	47.06	3.27	12.50
		5580	0.07	0.17	41.18	3.85	14.29
		5700	0.08	0.17	47.06	3.27	12.50
11N40SISO	Ant1	5510	0.05	0.14	35.71	4.47	20.00
		5590	0.05	0.14	35.71	4.47	20.00
		5670	0.05	0.14	35.71	4.47	20.00
11AC20SISO	Ant1	5500	0.09	0.18	50.00	3.01	11.11
		5580	0.09	0.19	47.37	3.24	11.11
		5700	0.08	0.18	44.44	3.52	12.50
11AC40SISO	Ant1	5510	0.06	0.15	40.00	3.98	16.67
		5590	0.07	0.15	46.67	3.31	14.29
		5670	0.06	0.15	40.00	3.98	16.67
11AC80SISO	Ant1	5530	0.05	0.14	35.71	4.47	20.00
		5610	0.05	0.14	35.71	4.47	20.00
11AX20SISO	Ant1	5500	0.08	0.17	47.06	3.27	12.50
		5580	0.08	0.17	47.06	3.27	12.50
		5700	0.09	0.18	50.00	3.01	11.11
11AX40SISO	Ant1	5510	0.08	0.18	44.44	3.52	12.50
		5590	0.09	0.18	50.00	3.01	11.11
		5670	0.08	0.17	47.06	3.27	12.50
11AX80SISO	Ant1	5530	0.07	0.16	43.75	3.59	14.29
		5610	0.07	0.16	43.75	3.59	14.29

Test Graphs

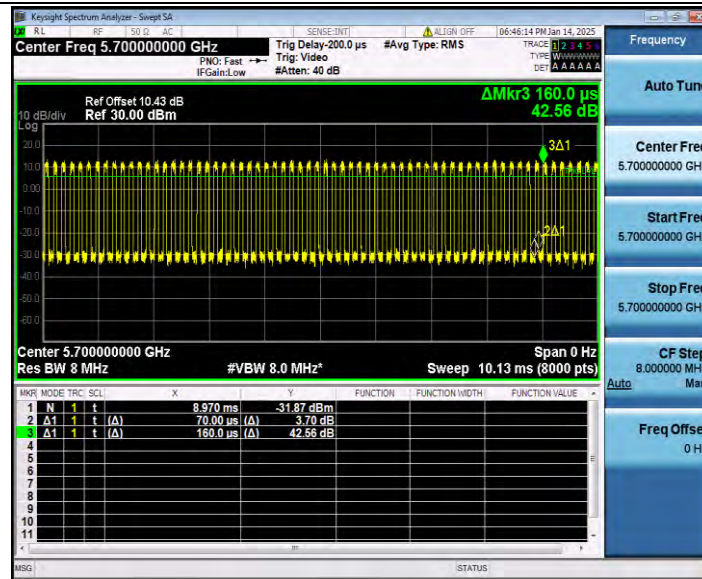
11A_Ant1_5500



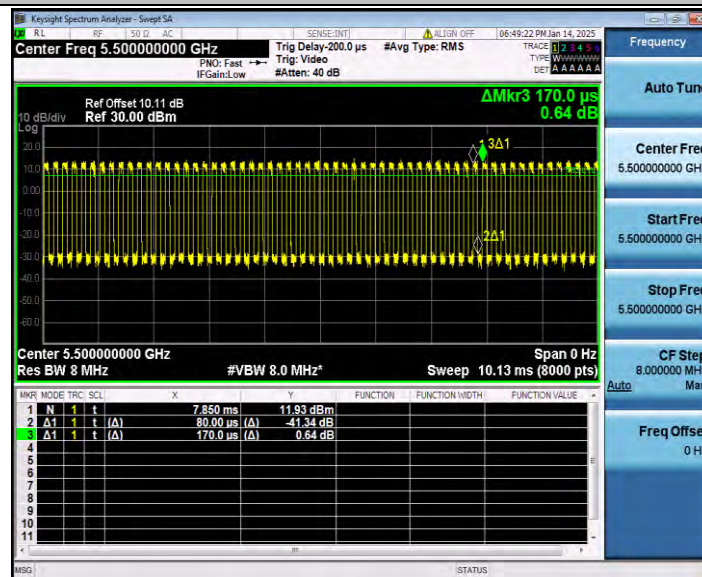
11A_Ant1_5580



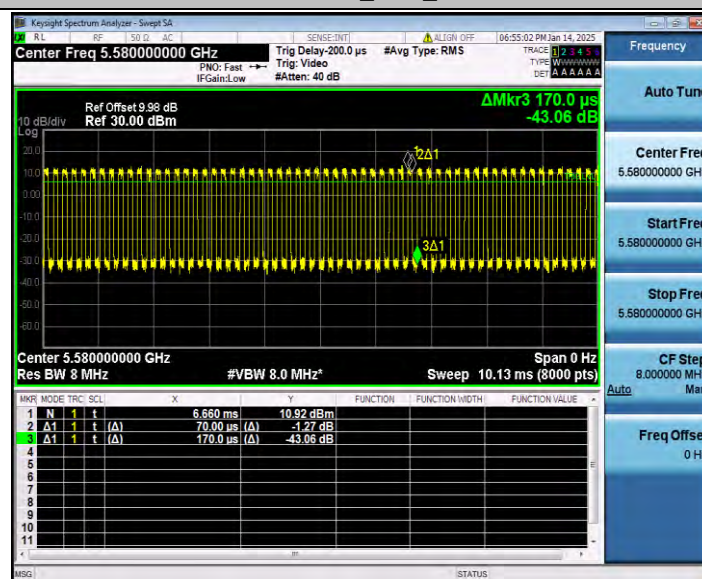
11A_Ant1_5700



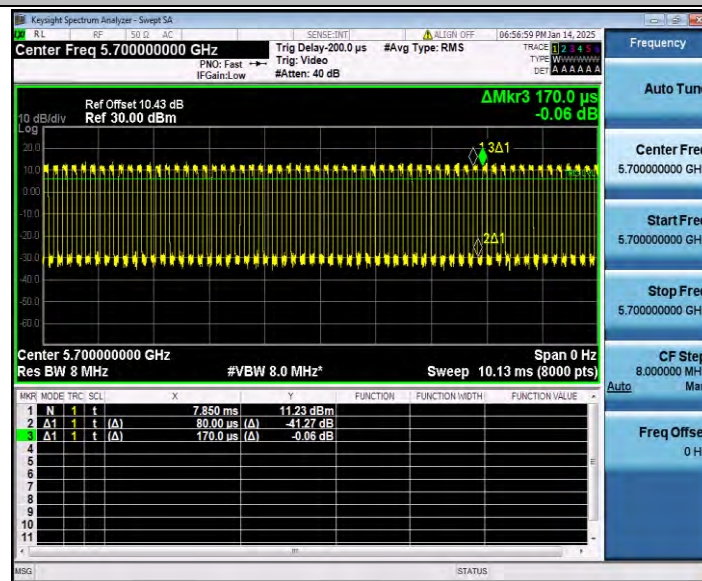
11N20SISO_Ant1_5500



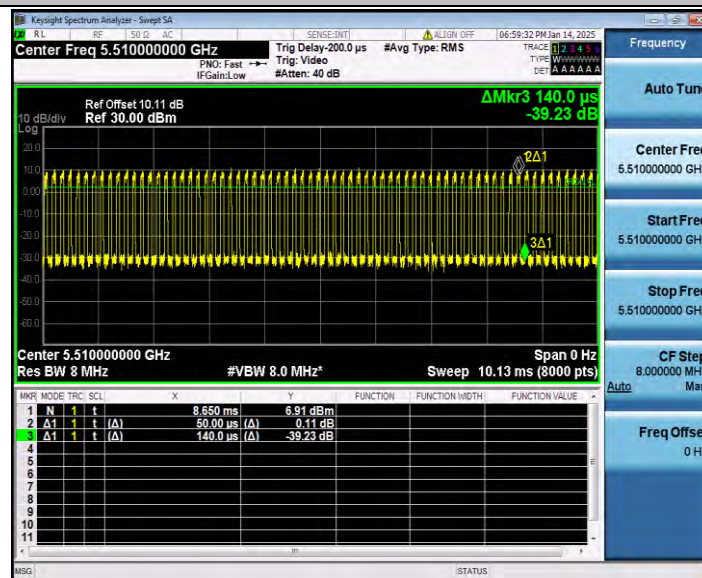
11N20SISO_Ant1_5580



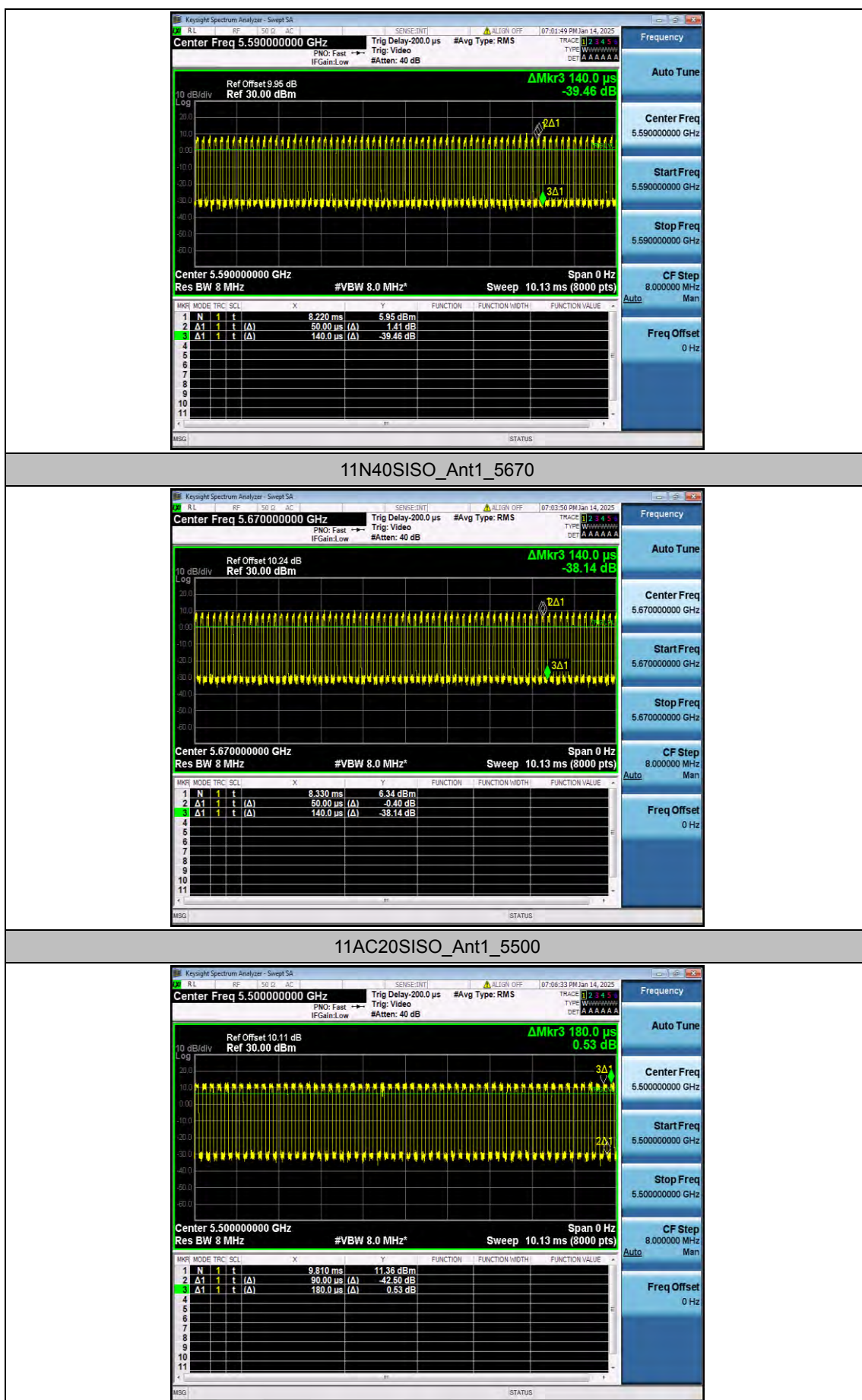
11N20SISO_Ant1_5700



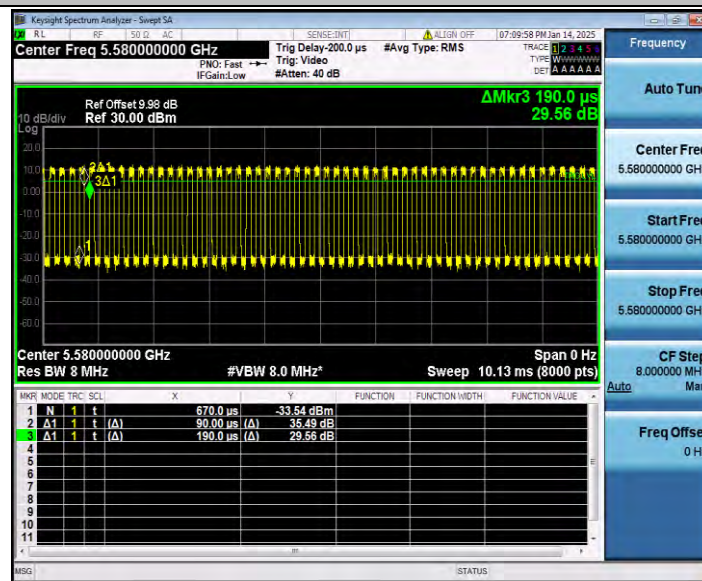
11N40SISO_Ant1_5510



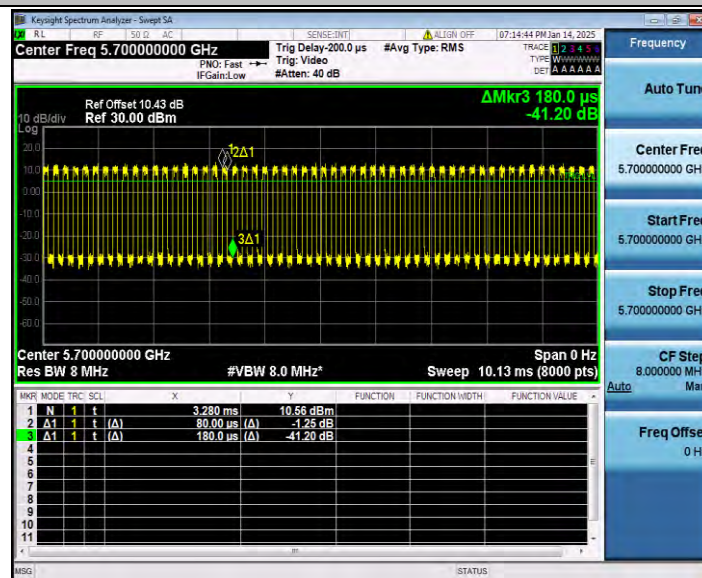
11N40SISO_Ant1_5590



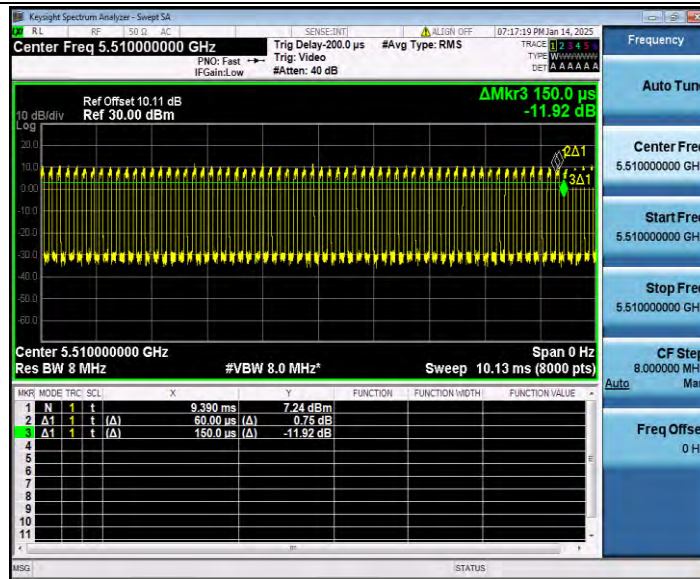
11AC20SISO_Ant1_5580



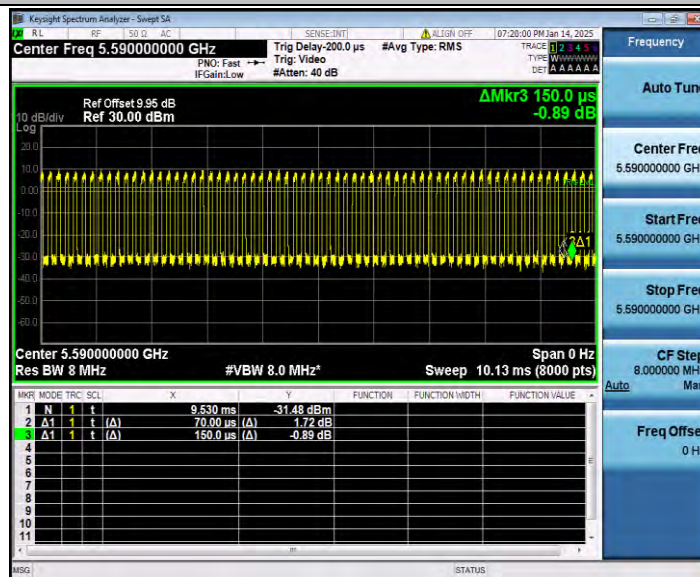
11AC20SISO_Ant1_5700



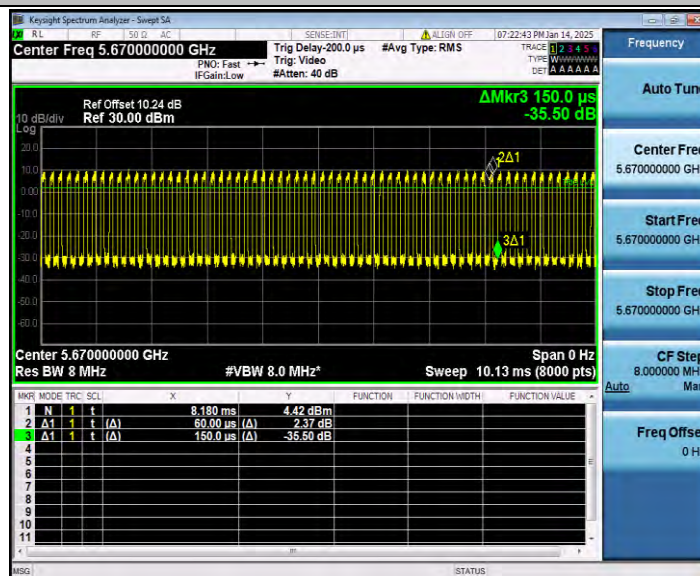
11AC40SISO_Ant1_5510



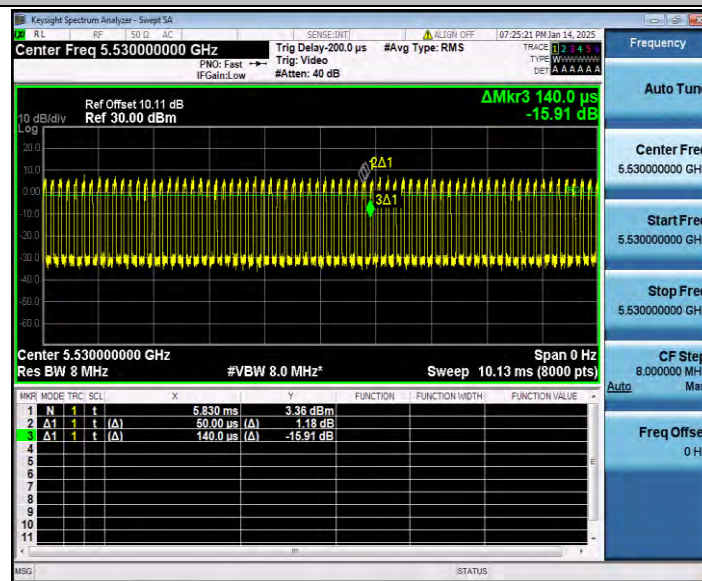
11AC40SISO_Ant1_5590



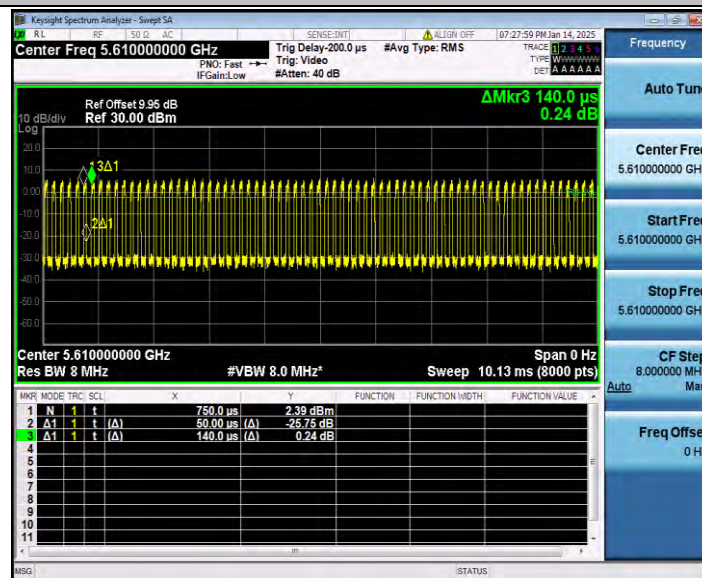
11AC40SISO_Ant1_5670



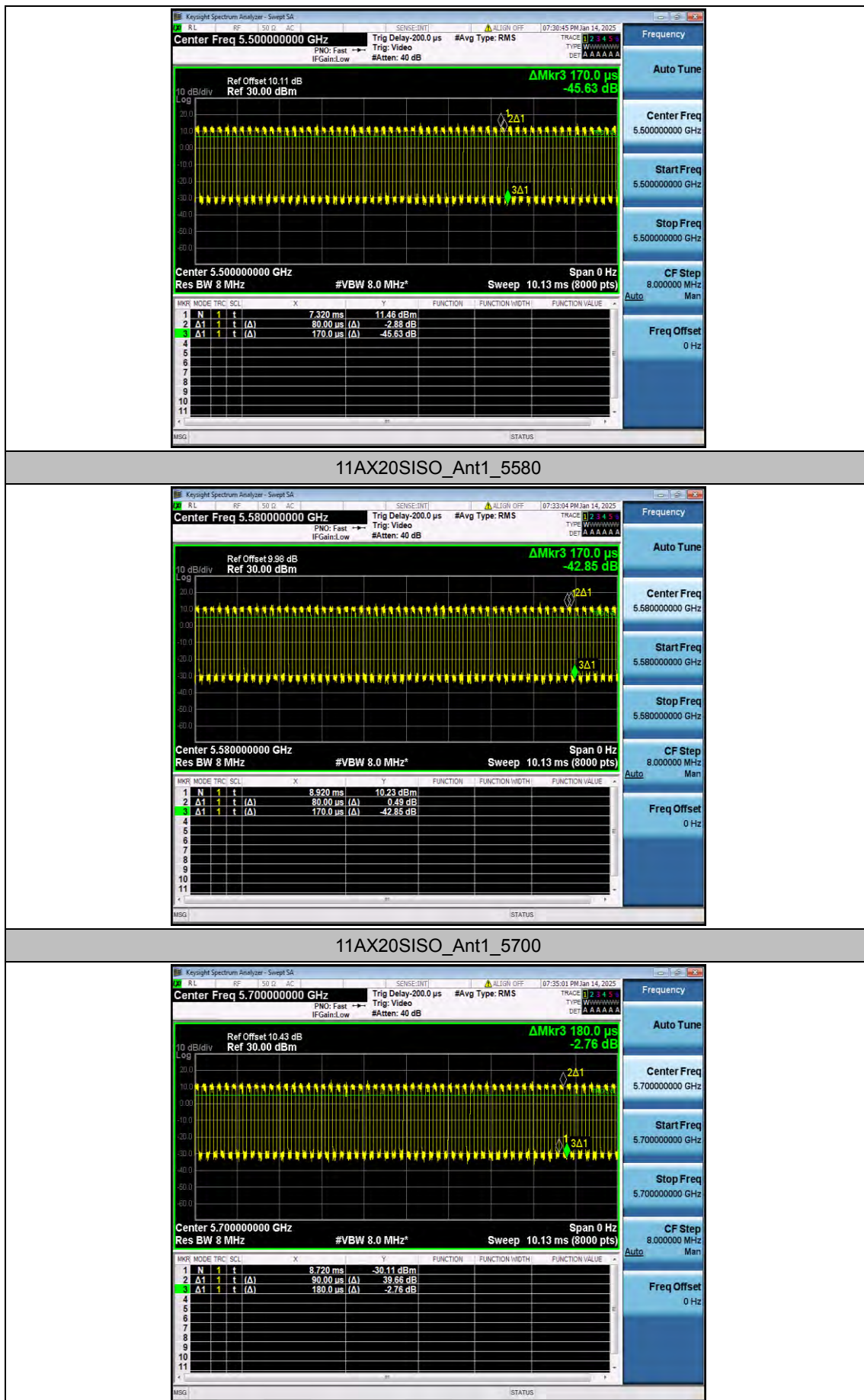
11AC80SISO_Ant1_5530



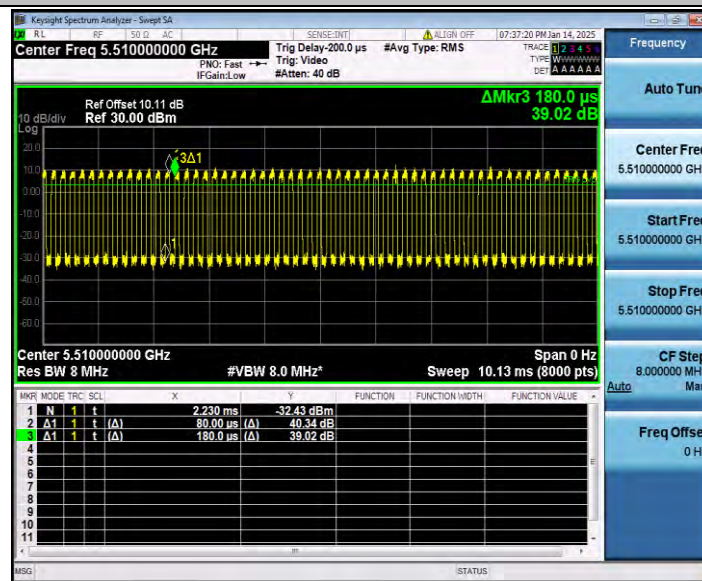
11AC80SISO_Ant1_5610



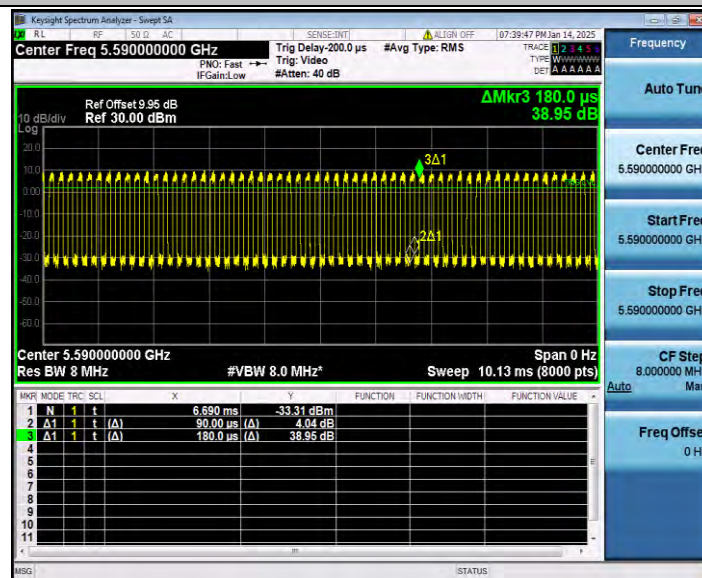
11AX20SISO_Ant1_5500



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670

