

Case No. : <u>GTS20250219002-1-06</u>	
Ambient Condition: <u>22</u> °C, <u>49</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.3.17</u>	Test Engineer: <u>Evan ouyang</u>

Appendix F.1: Emission Bandwidth

Test Result

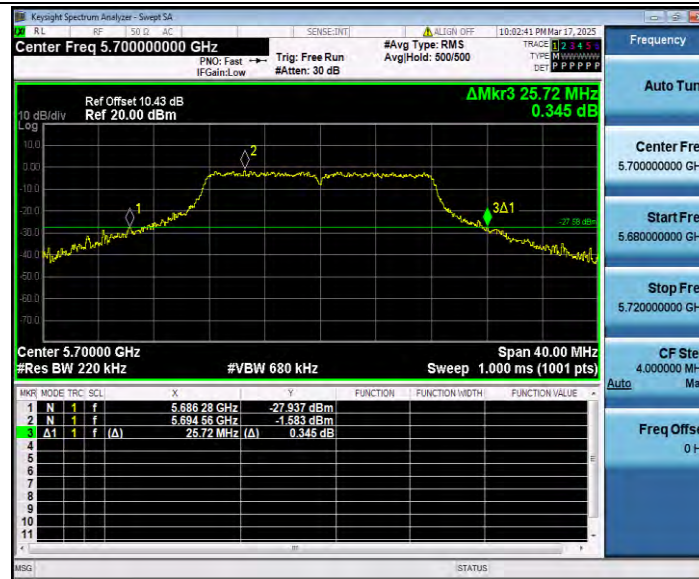
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	25.280	5487.280	5512.560	---	---
		5580	24.400	5567.160	5591.560	---	---
		5700	25.720	5686.280	5712.000	---	---
11N20SISO	Ant1	5500	26.280	5486.840	5513.120	---	---
		5580	25.960	5566.760	5592.720	---	---
		5700	26.160	5686.840	5713.000	---	---
11N40SISO	Ant1	5510	48.240	5486.240	5534.480	---	---
		5590	45.600	5567.120	5612.720	---	---
		5670	46.320	5646.800	5693.120	---	---
11AC20SISO	Ant1	5500	26.400	5486.640	5513.040	---	---
		5580	26.880	5566.600	5593.480	---	---
		5700	27.680	5684.840	5712.520	---	---
11AC40SISO	Ant1	5510	47.440	5486.320	5533.760	---	---
		5590	46.720	5566.560	5613.280	---	---
		5670	47.120	5646.320	5693.440	---	---
11AC80SISO	Ant1	5530	88.000	5486.160	5574.160	---	---
		5610	89.280	5565.200	5654.480	---	---
11AX20SISO	Ant1	5500	26.200	5486.800	5513.000	---	---
		5580	25.280	5567.360	5592.640	---	---
		5700	26.560	5686.520	5713.080	---	---
11AX40SISO	Ant1	5510	45.680	5487.680	5533.360	---	---
		5590	45.280	5567.520	5612.800	---	---
		5670	45.360	5647.200	5692.560	---	---
11AX80SISO	Ant1	5530	85.920	5487.600	5573.520	---	---
		5610	87.360	5565.520	5652.880	---	---

Test Graphs



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



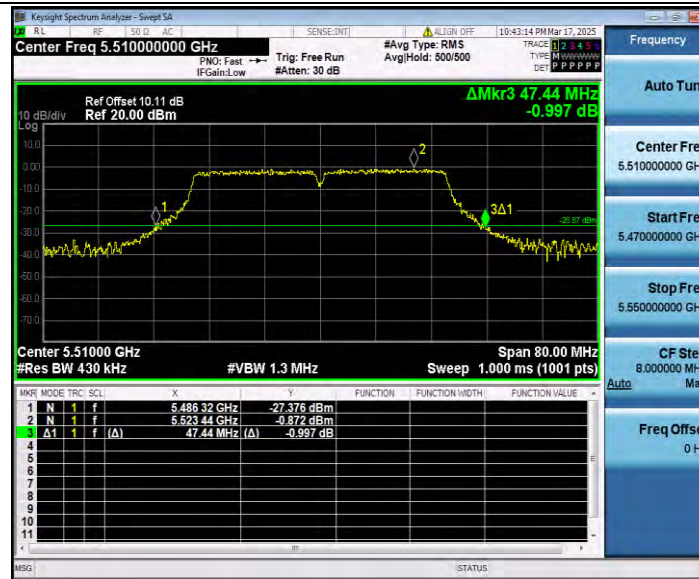
11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



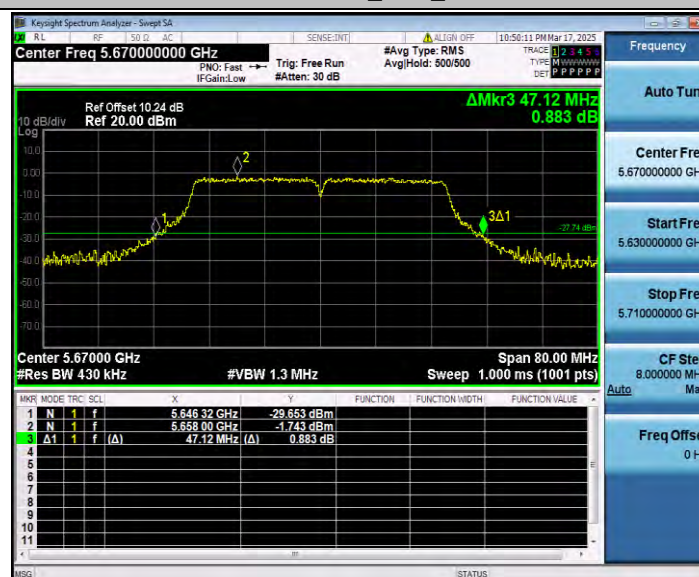
11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



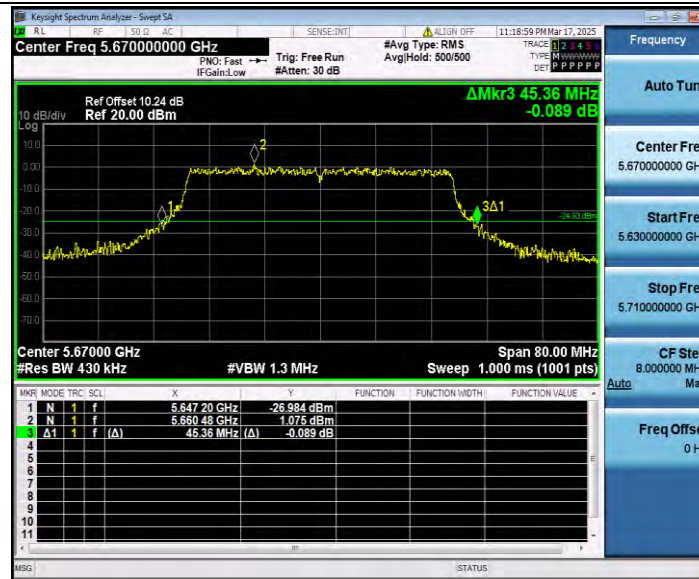
11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

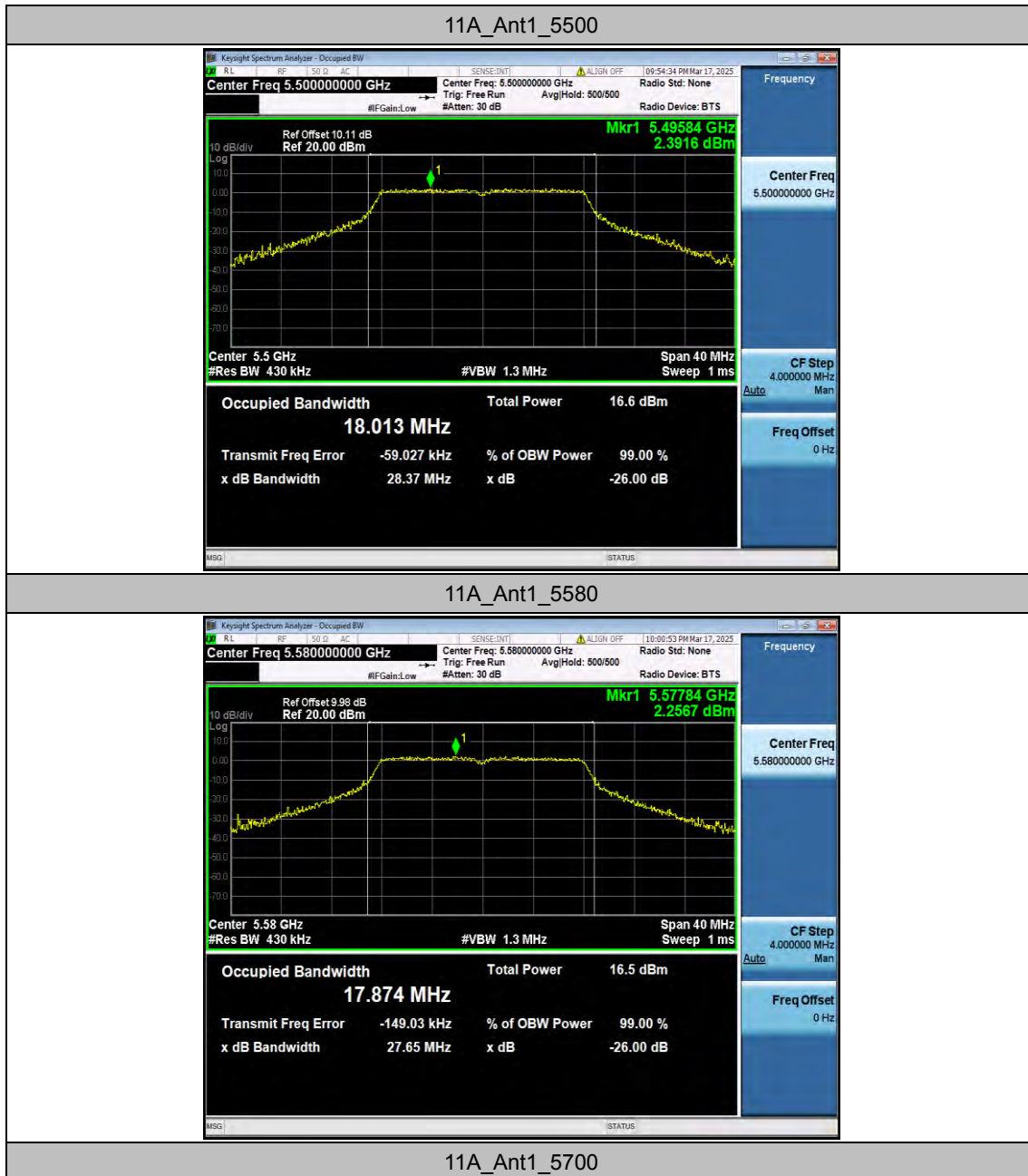


Appendix F.2: Occupied channel bandwidth

Test Result

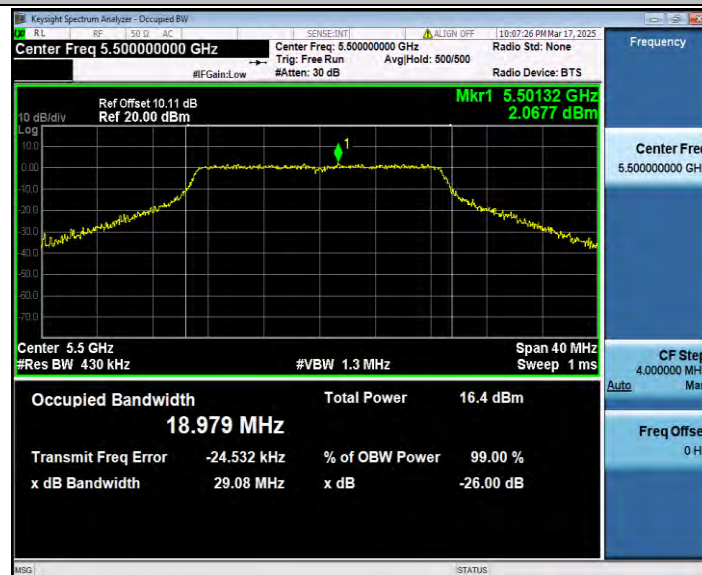
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	18.013	5490.9345	5508.9475	---	---
		5580	17.874	5570.9140	5588.7880	---	---
		5700	17.939	5690.8630	5708.8020	---	---
11N20SISO	Ant1	5500	18.979	5490.4860	5509.4650	---	---
		5580	19.039	5570.3807	5589.4197	---	---
		5700	19.047	5690.2928	5709.3398	---	---
11N40SISO	Ant1	5510	37.536	5491.3185	5528.8545	---	---
		5590	37.508	5571.1807	5608.6887	---	---
		5670	37.428	5651.1969	5688.6249	---	---
11AC20SISO	Ant1	5500	19.080	5490.4705	5509.5505	---	---
		5580	19.091	5570.3523	5589.4433	---	---
		5700	19.021	5690.3584	5709.3794	---	---
11AC40SISO	Ant1	5510	37.788	5491.1919	5528.9799	---	---
		5590	37.602	5571.1295	5608.7315	---	---
		5670	37.510	5651.1323	5688.6423	---	---
11AC80SISO	Ant1	5530	76.820	5491.7408	5568.5608	---	---
		5610	76.972	5571.4007	5648.3727	---	---
11AX20SISO	Ant1	5500	19.675	5490.1780	5509.8530	---	---
		5580	19.597	5570.1968	5589.7938	---	---
		5700	19.622	5690.1573	5709.7793	---	---
11AX40SISO	Ant1	5510	38.654	5490.8226	5529.4766	---	---
		5590	38.512	5570.6935	5609.2055	---	---
		5670	38.410	5650.7577	5689.1677	---	---
11AX80SISO	Ant1	5530	78.145	5491.1243	5569.2693	---	---
		5610	78.138	5570.8832	5649.0212	---	---

Test Graphs





11N20SISO_Ant1_5500



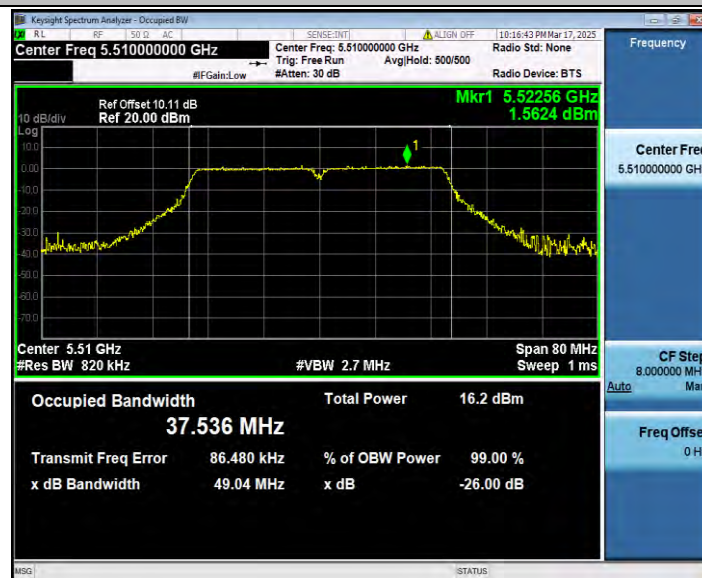
11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



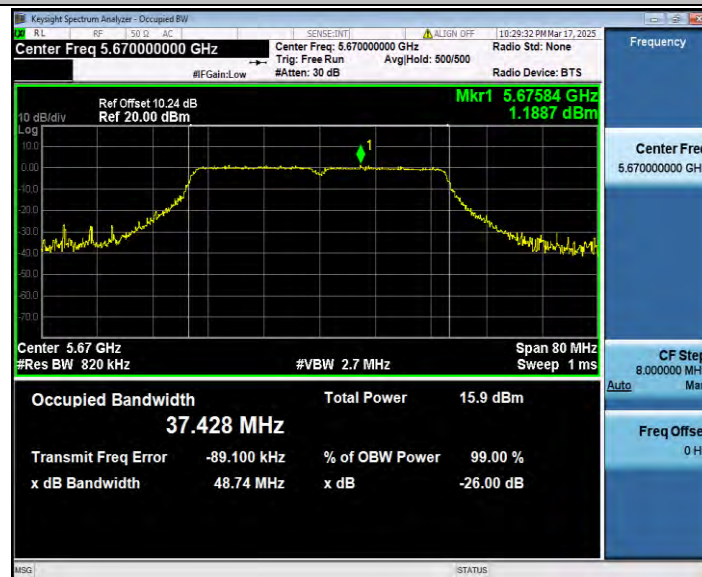
11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



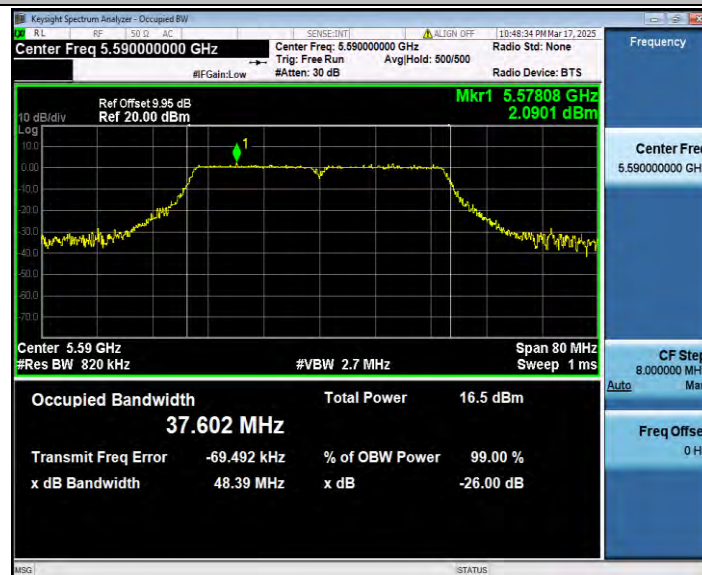
11AC20SISO_Ant1_5700



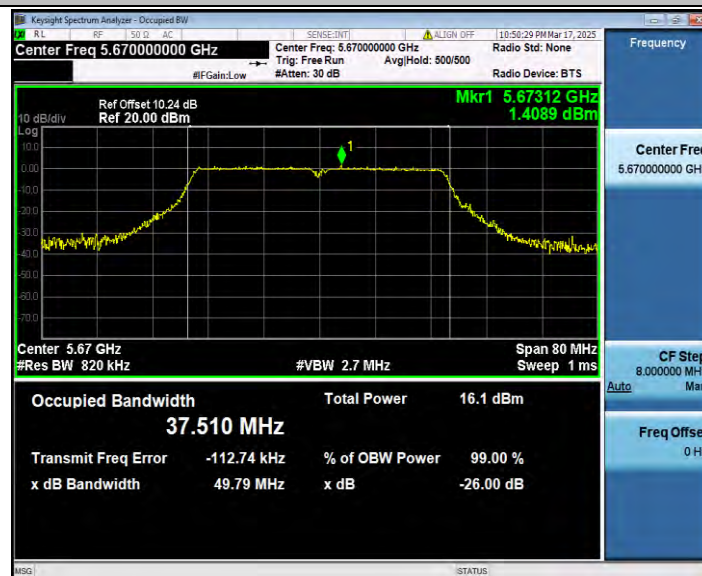
11AC40SISO_Ant1_5510



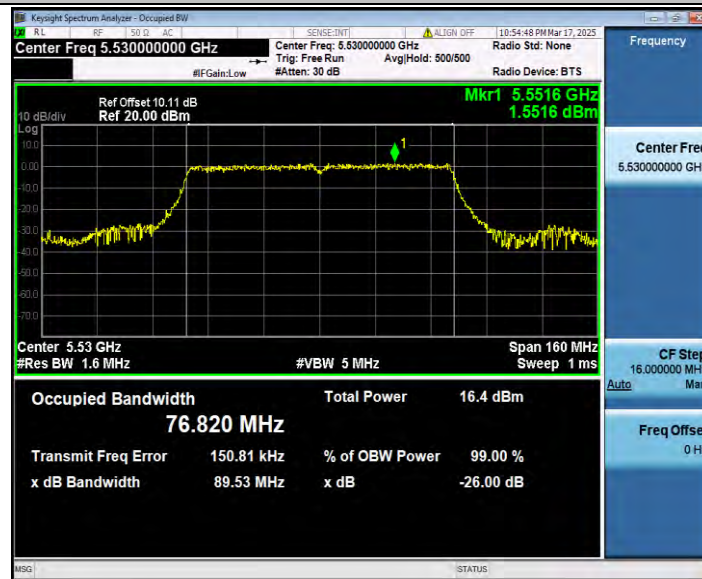
11AC40SISO_Ant1_5590



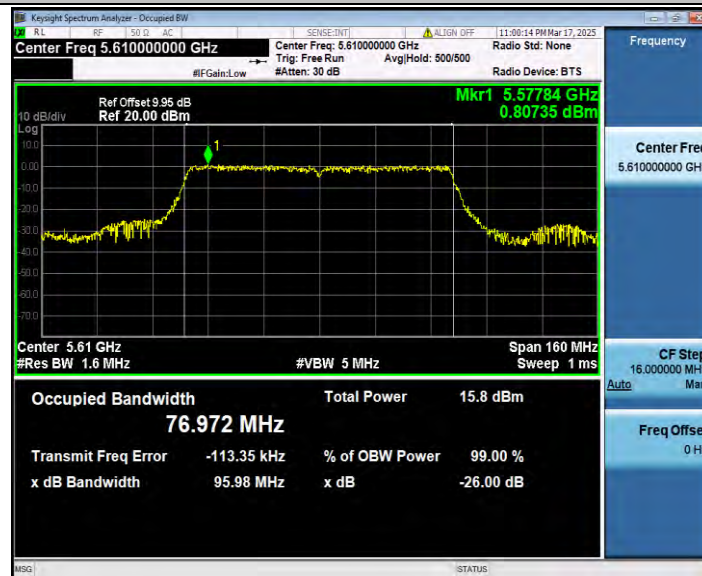
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



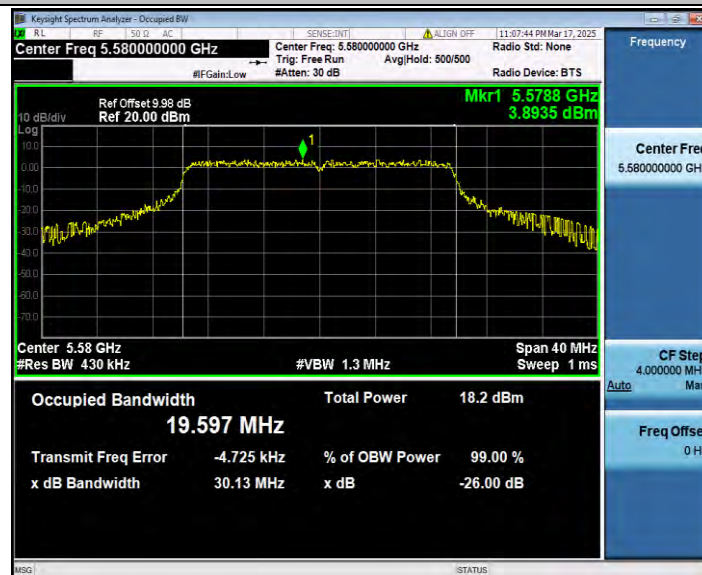
11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



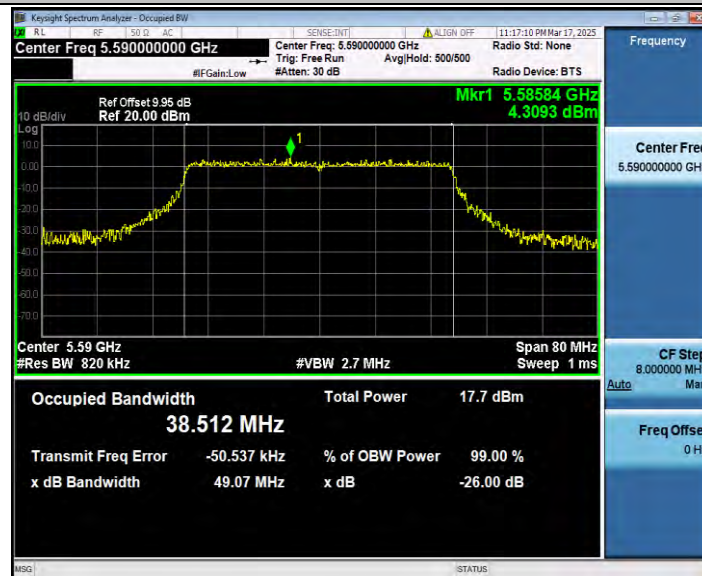
11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



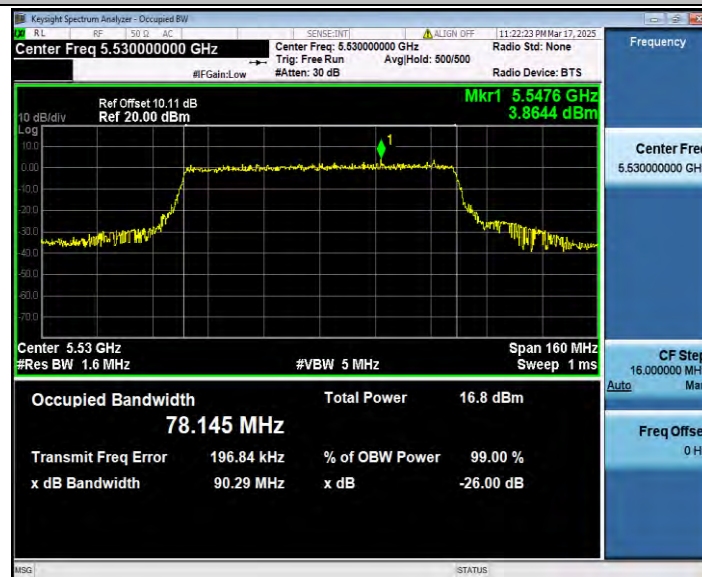
11AX40SISO_Ant1_5590



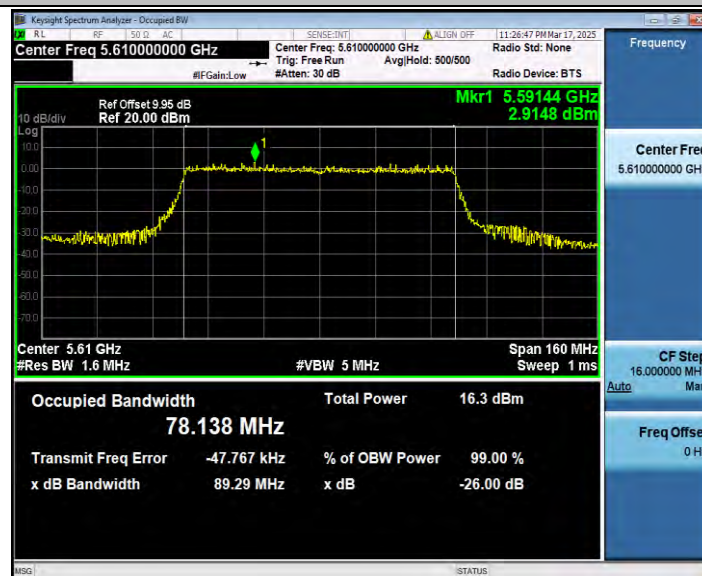
11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

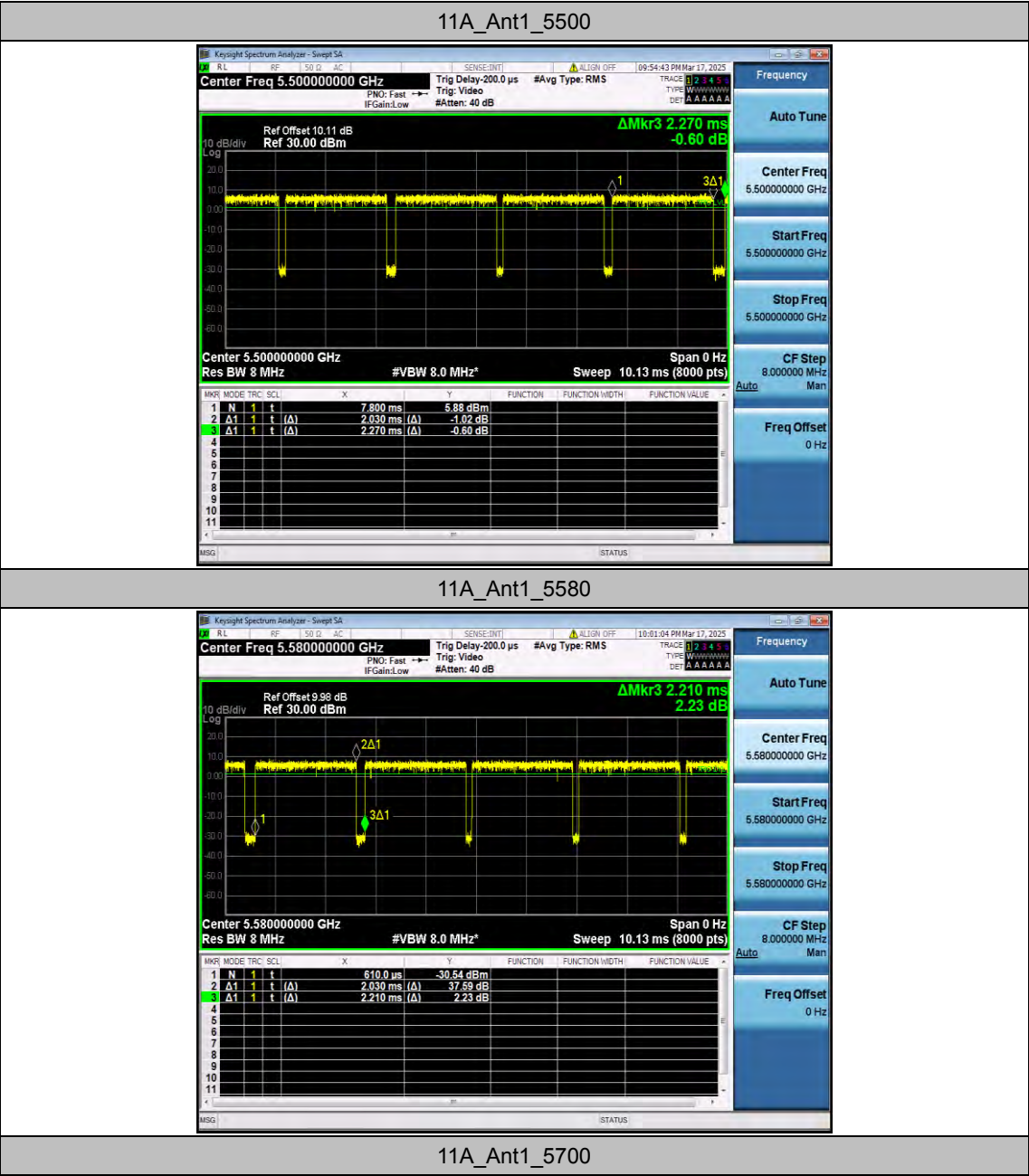


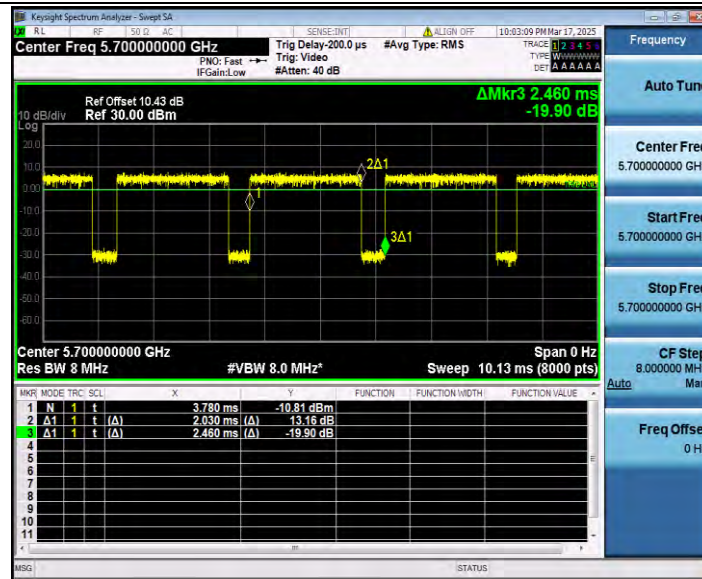
Appendix F.3: Duty Cycle

Test Result

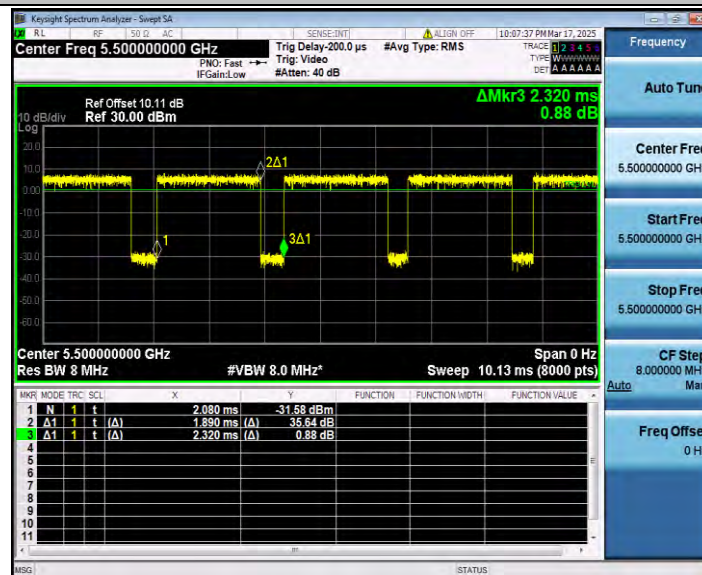
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	2.03	2.27	89.43	0.49	0.49
		5580	2.03	2.21	91.86	0.37	0.49
		5700	2.03	2.46	82.52	0.83	0.49
11N20SISO	Ant1	5500	1.89	2.32	81.47	0.89	0.53
		5580	1.89	2.12	89.15	0.50	0.53
		5700	1.90	2.39	79.50	1.00	0.53
11N40SISO	Ant1	5510	0.94	1.40	67.14	1.73	1.06
		5590	0.94	1.17	80.34	0.95	1.06
		5670	0.94	1.42	66.20	1.79	1.06
11AC20SISO	Ant1	5500	1.90	2.11	90.05	0.46	0.53
		5580	1.90	2.08	91.35	0.39	0.53
		5700	1.90	2.09	90.91	0.41	0.53
11AC40SISO	Ant1	5510	0.93	1.14	81.58	0.88	1.08
		5590	0.93	1.42	65.49	1.84	1.08
		5670	0.94	1.38	68.12	1.67	1.06
11AC80SISO	Ant1	5530	0.45	0.68	66.18	1.79	2.22
		5610	0.46	0.68	67.65	1.70	2.17
11AX20SISO	Ant1	5500	1.46	1.65	88.48	0.53	0.68
		5580	1.46	1.70	85.88	0.66	0.68
		5700	1.46	1.65	88.48	0.53	0.68
11AX40SISO	Ant1	5510	0.76	1.00	76.00	1.19	1.32
		5590	0.77	1.26	61.11	2.14	1.30
		5670	0.76	0.99	76.77	1.15	1.32
11AX80SISO	Ant1	5530	0.39	0.63	61.90	2.08	2.56
		5610	0.39	0.63	61.90	2.08	2.56

Test Graphs

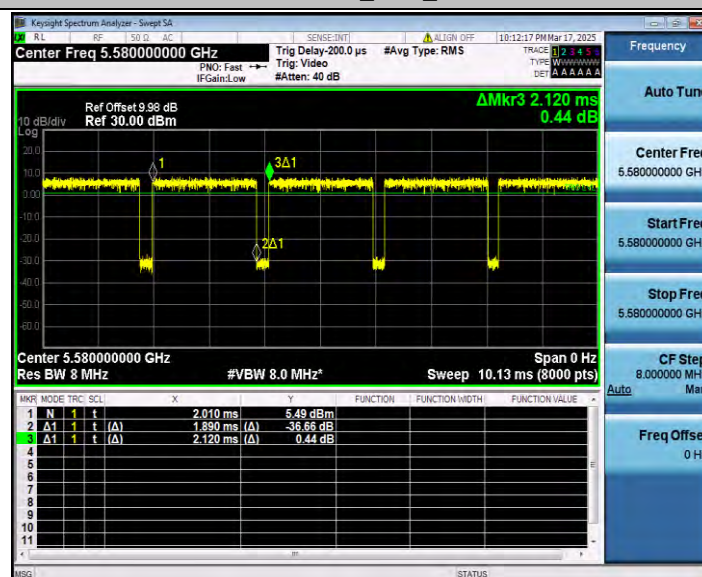




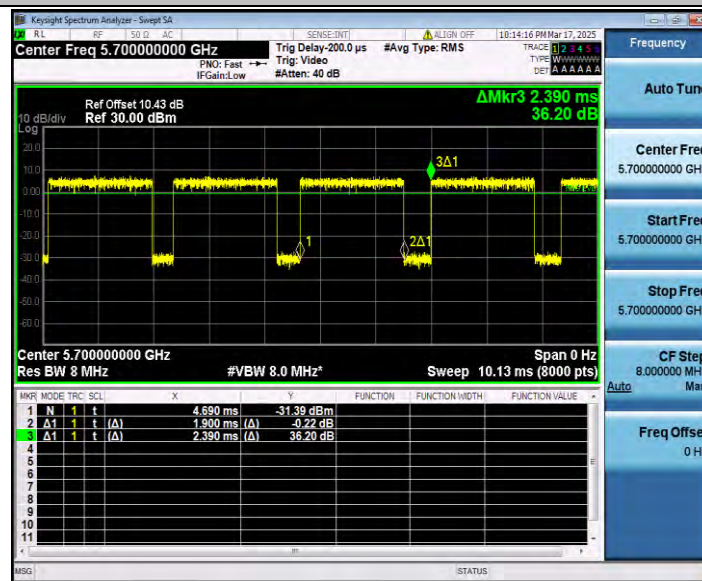
11N20SISO_Ant1_5500



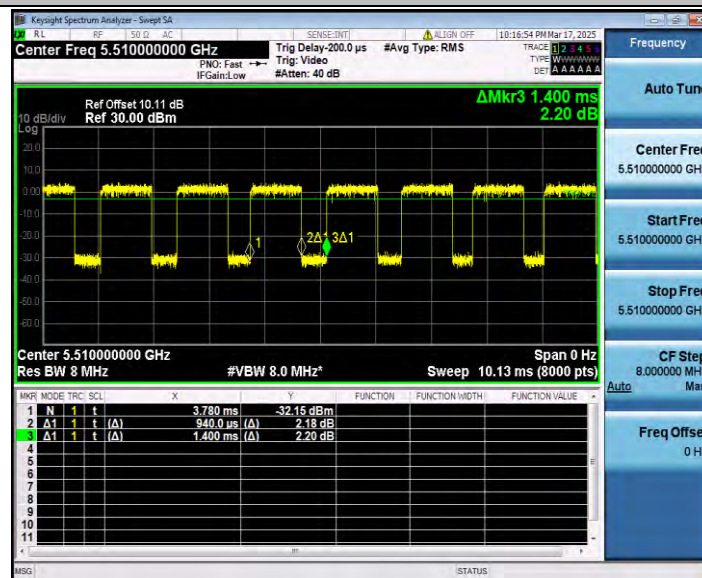
11N20SISO_Ant1_5580



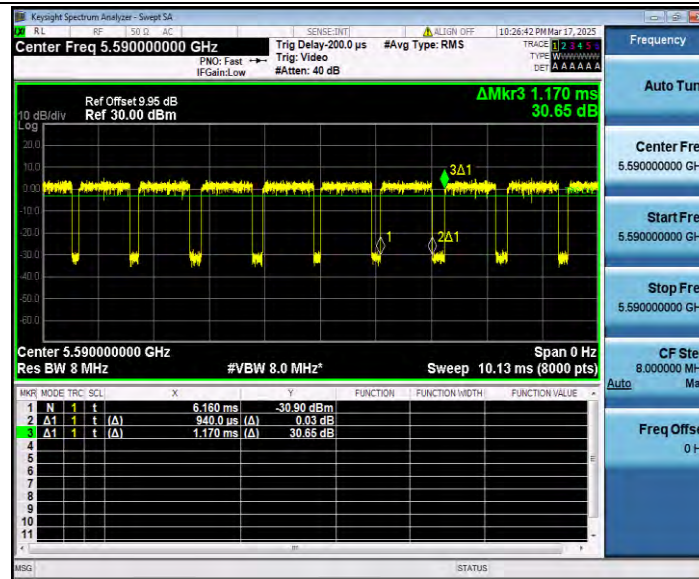
11N20SISO_Ant1_5700



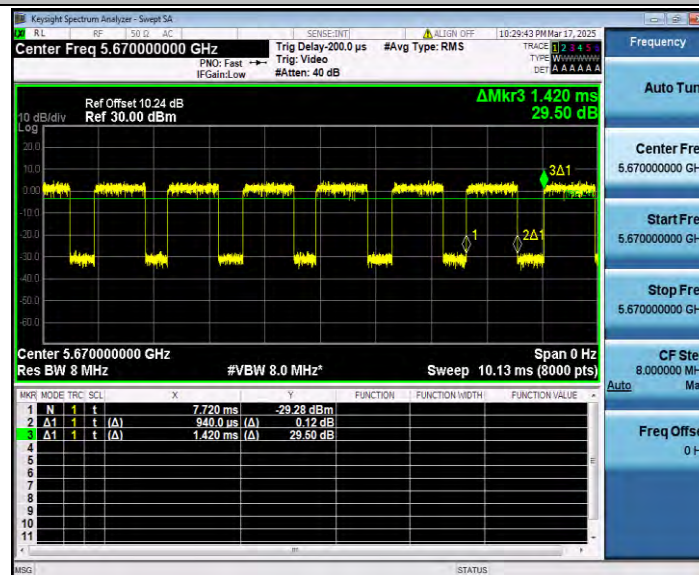
11N40SISO_Ant1_5510



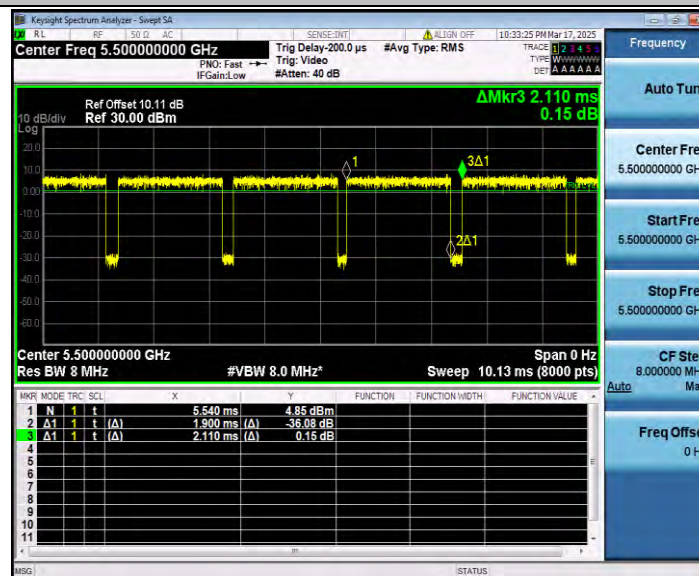
11N40SISO_Ant1_5590



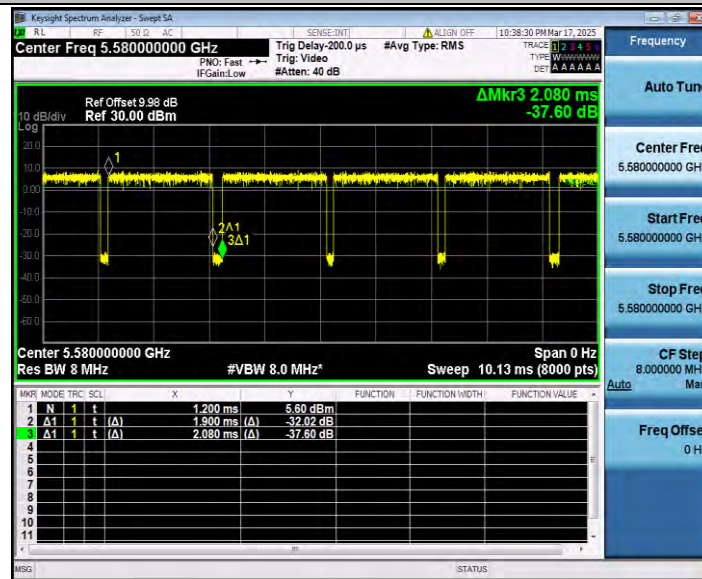
11N40SISO_Ant1_5670



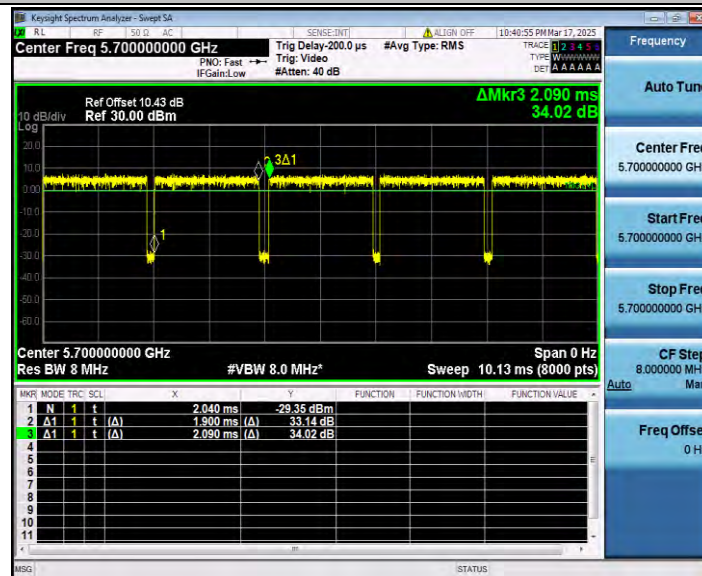
11AC20SISO_Ant1_5500



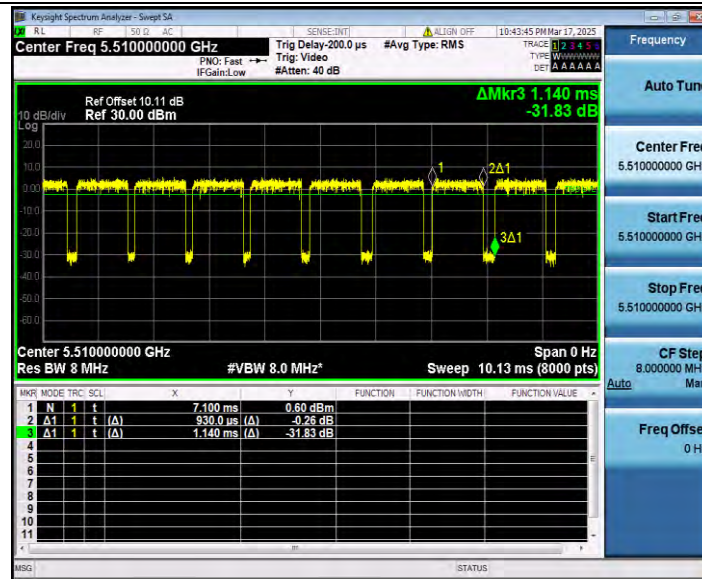
11AC20SISO_Ant1_5580



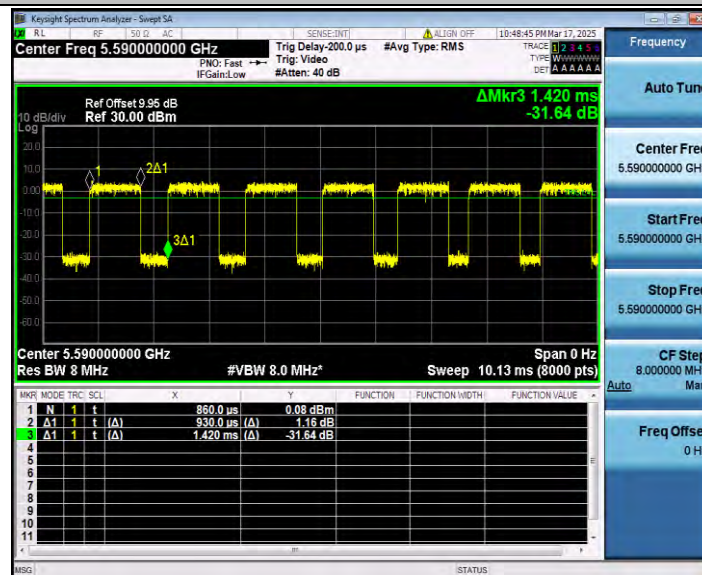
11AC20SISO_Ant1_5700



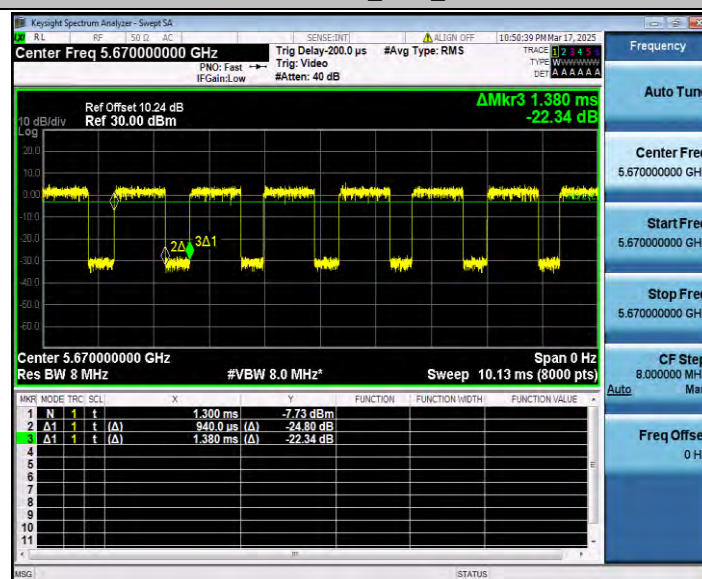
11AC40SISO_Ant1_5510



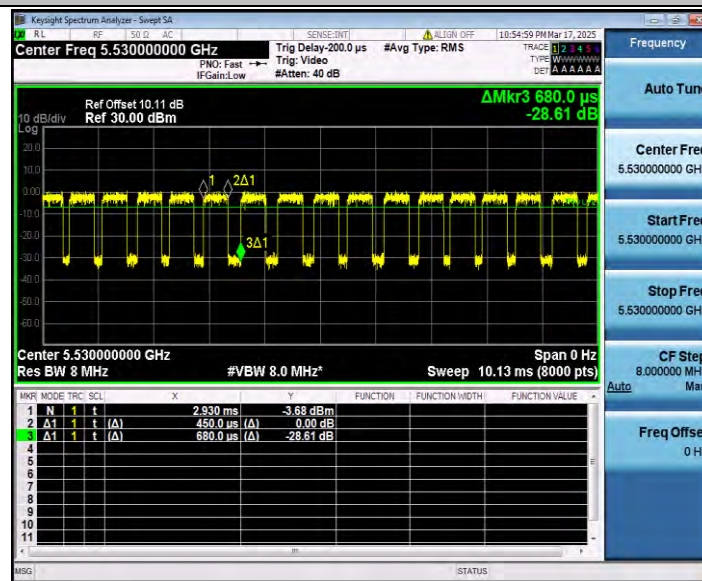
11AC40SISO_Ant1_5590



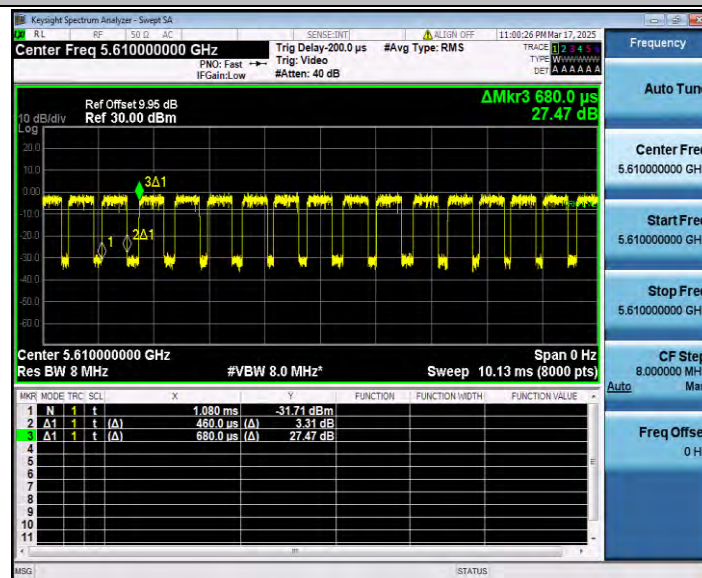
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500

