

Case No. : <u>GTS20250225018-5-08</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.5.12</u>	Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

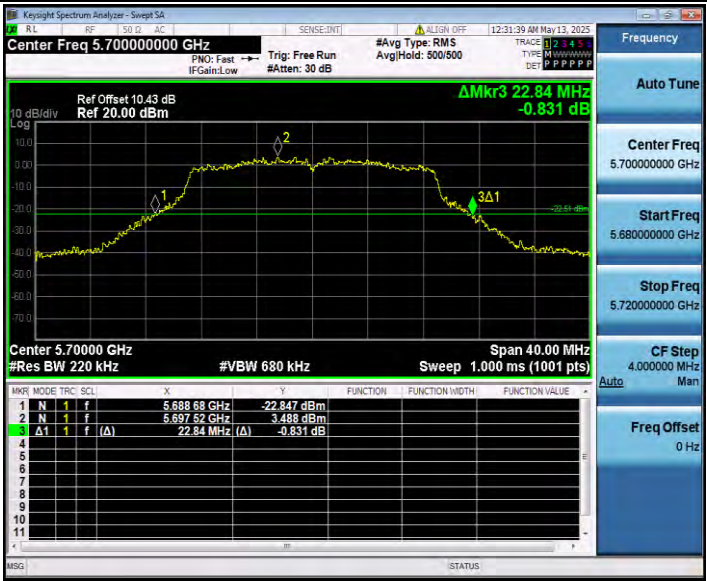
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5500	23.200	5488.320	5511.520	---	---
		5580	23.000	5568.400	5591.400	---	---
		5700	22.720	5688.520	5711.240	---	---
11N20SISO	Ant0	5500	23.320	5488.240	5511.560	---	---
		5580	23.040	5568.520	5591.560	---	---
		5700	22.840	5688.680	5711.520	---	---
11N40SISO	Ant0	5510	43.200	5488.000	5531.200	---	---
		5590	42.480	5568.640	5611.120	---	---
		5670	42.720	5649.040	5691.760	---	---
11AC20SISO	Ant0	5500	23.320	5488.120	5511.440	---	---
		5580	23.000	5568.480	5591.480	---	---
		5700	23.280	5688.200	5711.480	---	---
11AC40SISO	Ant0	5510	42.880	5488.160	5531.040	---	---
		5590	43.360	5568.320	5611.680	---	---
		5670	42.960	5648.480	5691.440	---	---
11AC80SISO	Ant0	5530	84.800	5487.760	5572.560	---	---
		5610	85.760	5567.280	5653.040	---	---
11AX20SISO	Ant0	5500	22.720	5488.440	5511.160	---	---
		5580	22.680	5568.640	5591.320	---	---
		5700	22.560	5688.520	5711.080	---	---
11AX40SISO	Ant0	5510	41.520	5489.120	5530.640	---	---
		5590	42.400	5568.560	5610.960	---	---
		5670	42.400	5649.200	5691.600	---	---
11AX80SISO	Ant0	5530	83.200	5488.560	5571.760	---	---
		5610	83.360	5568.400	5651.760	---	---

Test Graphs





11N20SISO_Ant0_5700



11N40SISO_Ant0_5510



11N40SISO_Ant0_5590



11AC20SISO_Ant0_5580



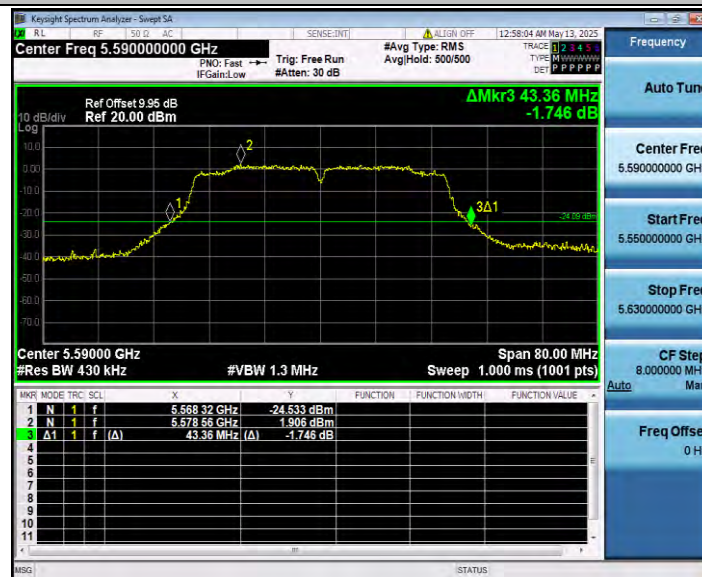
11AC20SISO_Ant0_5700



11AC40SISO_Ant0_5510



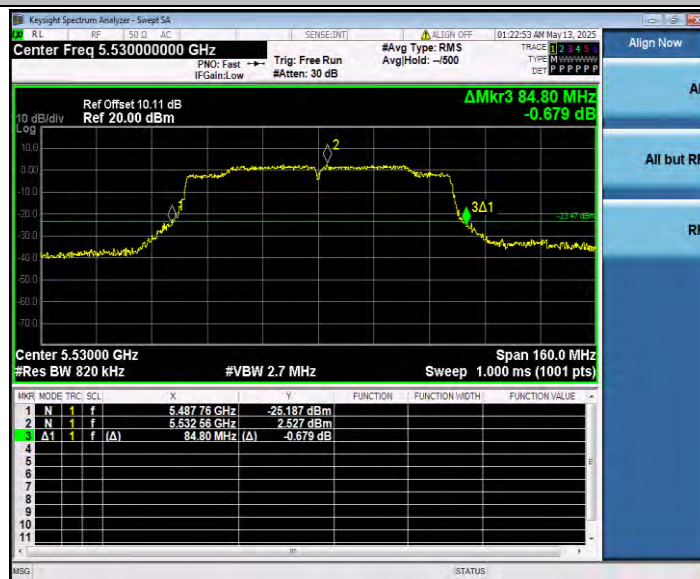
11AC40SISO_Ant0_5590



11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530



11AC80SISO_Ant0_5610



11AX20SISO_Ant0_5500



11AX40SISO_Ant0_5510



11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670

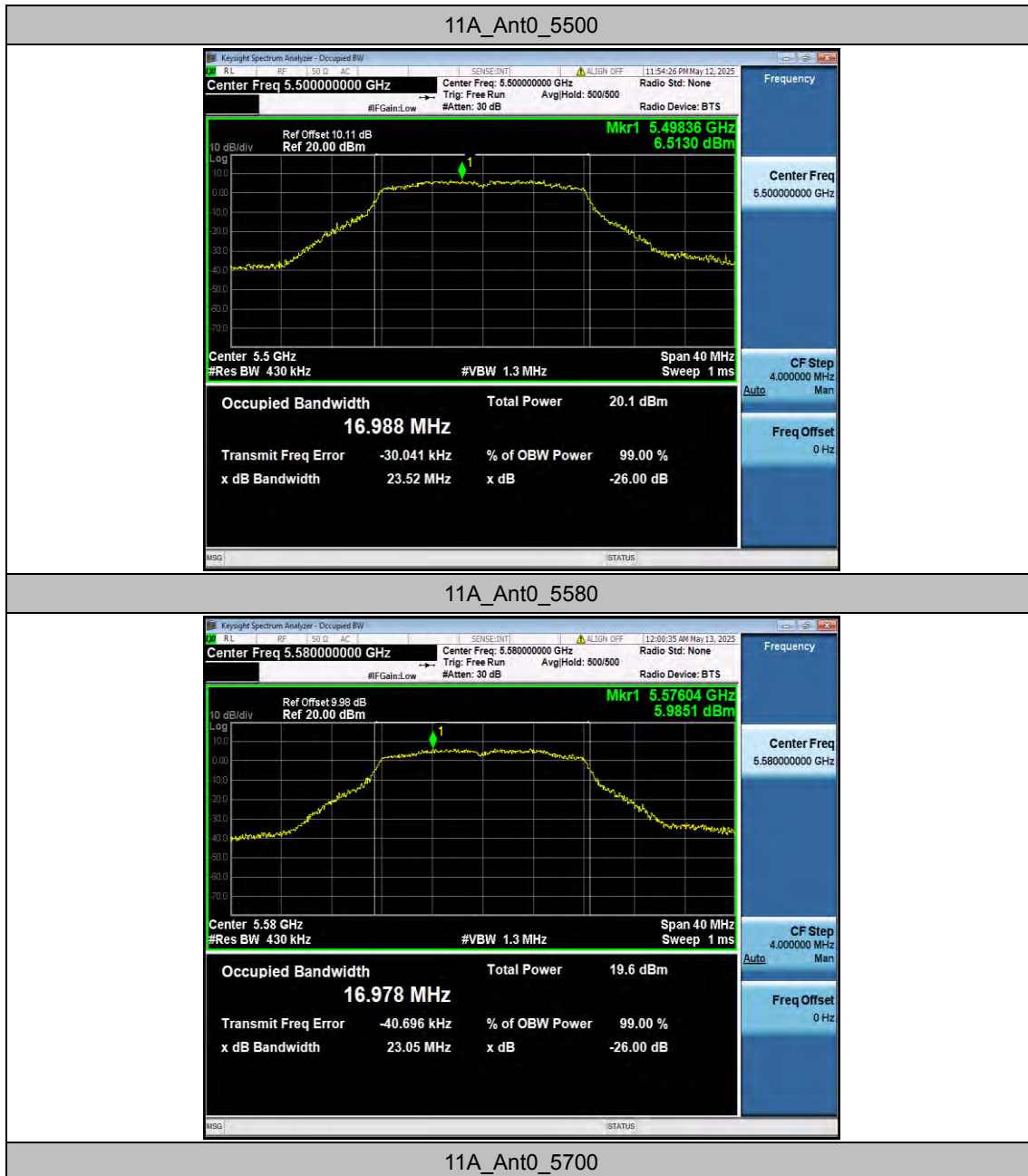


Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5500	16.988	5491.4760	5508.4640	---	---
		5580	16.978	5571.4703	5588.4483	---	---
		5700	16.999	5691.5312	5708.5302	---	---
11N20SISO	Ant0	5500	18.087	5490.9540	5509.0410	---	---
		5580	17.978	5570.9766	5588.9546	---	---
		5700	18.023	5690.9966	5709.0196	---	---
11N40SISO	Ant0	5510	36.269	5491.9516	5528.2206	---	---
		5590	36.218	5571.8688	5608.0868	---	---
		5670	36.180	5651.9461	5688.1261	---	---
11AC20SISO	Ant0	5500	18.080	5490.9742	5509.0542	---	---
		5580	18.041	5570.9601	5589.0011	---	---
		5700	17.994	5690.9822	5708.9762	---	---
11AC40SISO	Ant0	5510	36.236	5491.9746	5528.2106	---	---
		5590	36.207	5571.9132	5608.1202	---	---
		5670	36.189	5651.9651	5688.1541	---	---
11AC80SISO	Ant0	5530	75.254	5492.4933	5567.7473	---	---
		5610	75.325	5572.4709	5647.7959	---	---
11AX20SISO	Ant0	5500	19.009	5490.4981	5509.5071	---	---
		5580	18.960	5570.5190	5589.4790	---	---
		5700	19.020	5690.5150	5709.5350	---	---
11AX40SISO	Ant0	5510	37.654	5491.2229	5528.8769	---	---
		5590	37.704	5571.1774	5608.8814	---	---
		5670	37.488	5651.3017	5688.7897	---	---
11AX80SISO	Ant0	5530	76.910	5491.6521	5568.5621	---	---
		5610	76.983	5571.6060	5648.5890	---	---

Test Graphs

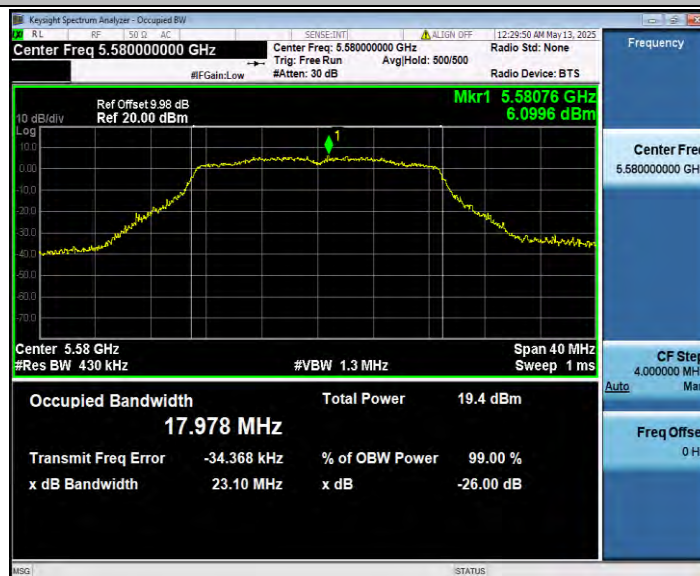




11N20SISO_Ant0_5500



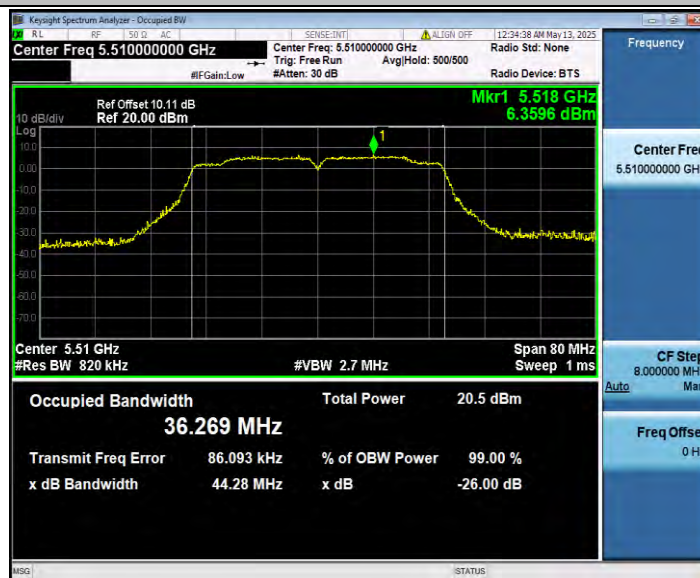
11N20SISO_Ant0_5580



11N20SISO_Ant0_5700



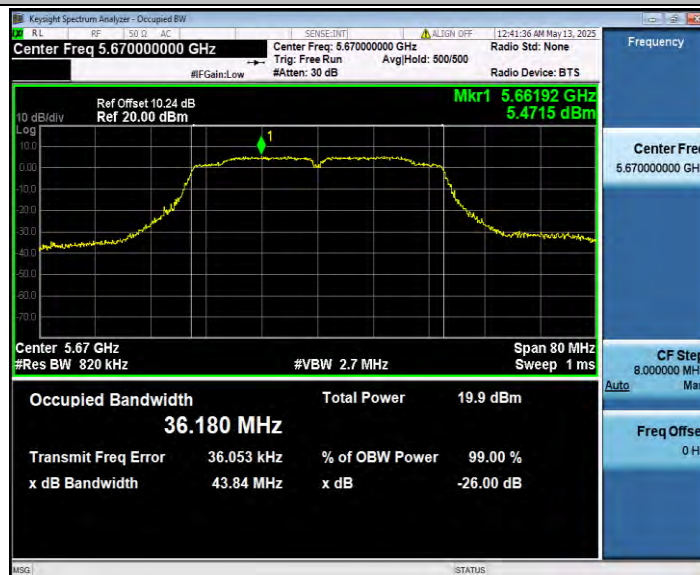
11N40SISO_Ant0_5510



11N40SISO_Ant0_5590



11N40SISO_Ant0_5670



11AC20SISO_Ant0_5500



11AC20SISO_Ant0_5580



11AC20SISO_Ant0_5700



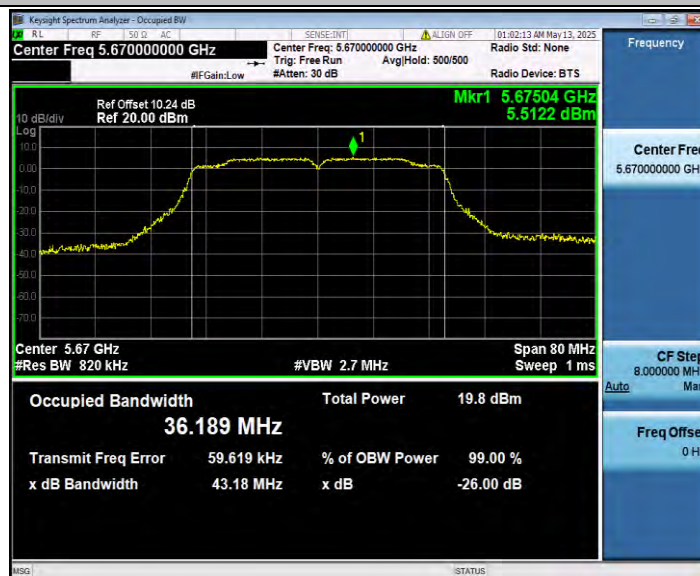
11AC40SISO_Ant0_5510

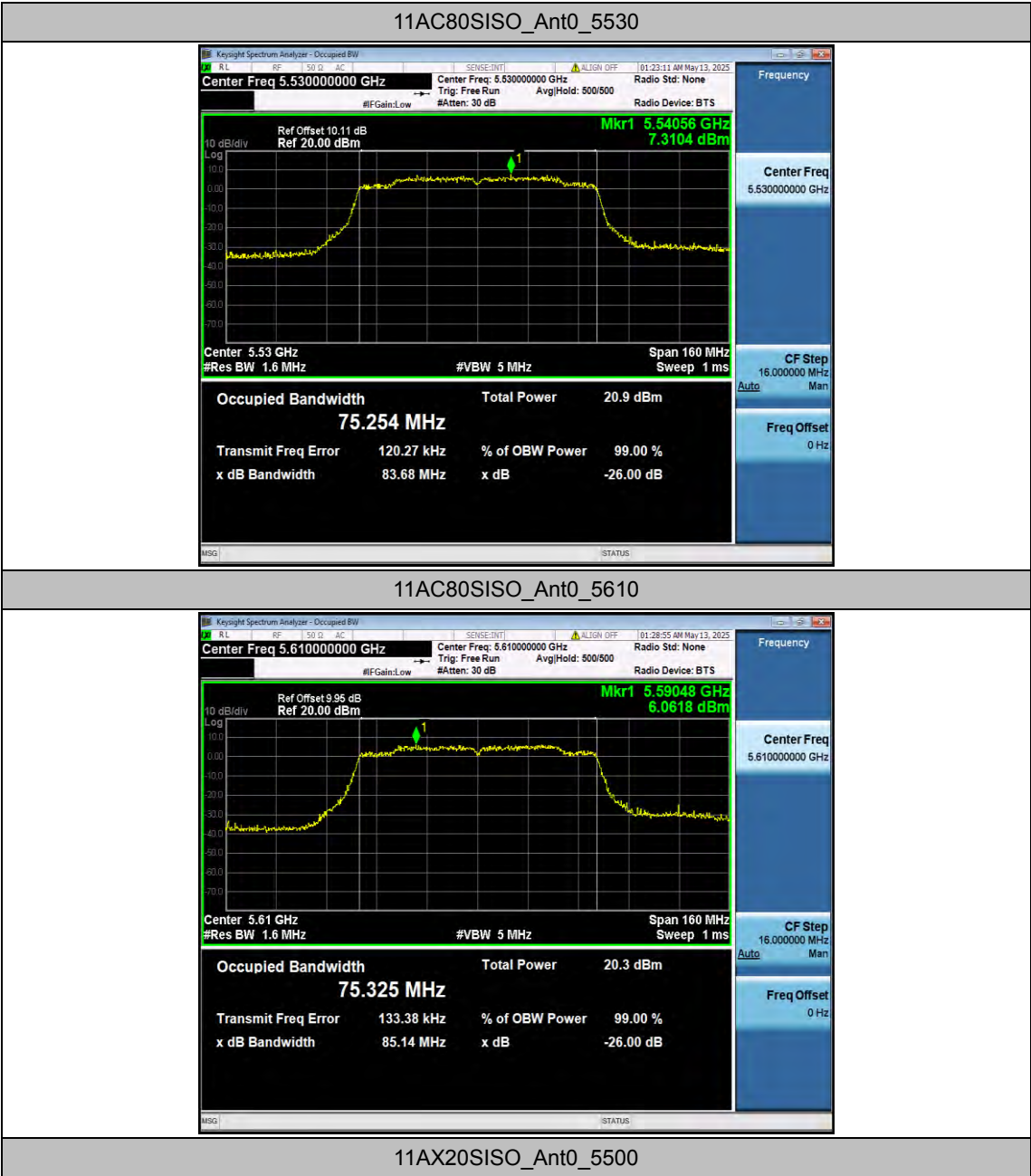


11AC40SISO_Ant0_5590



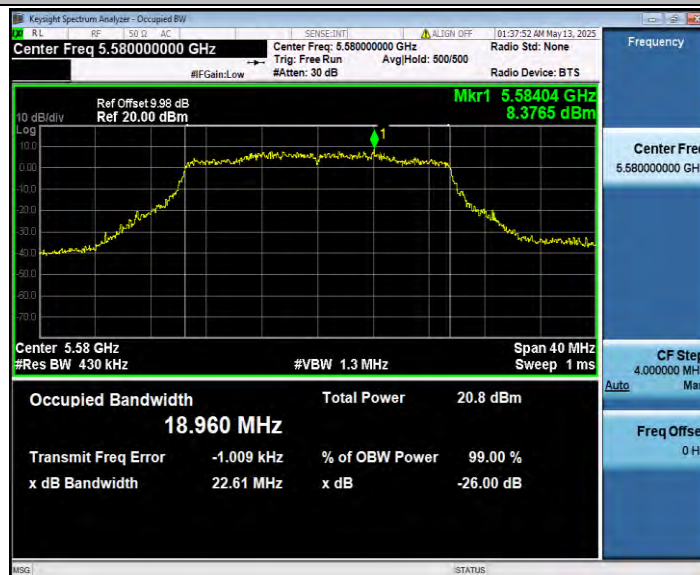
11AC40SISO_Ant0_5670



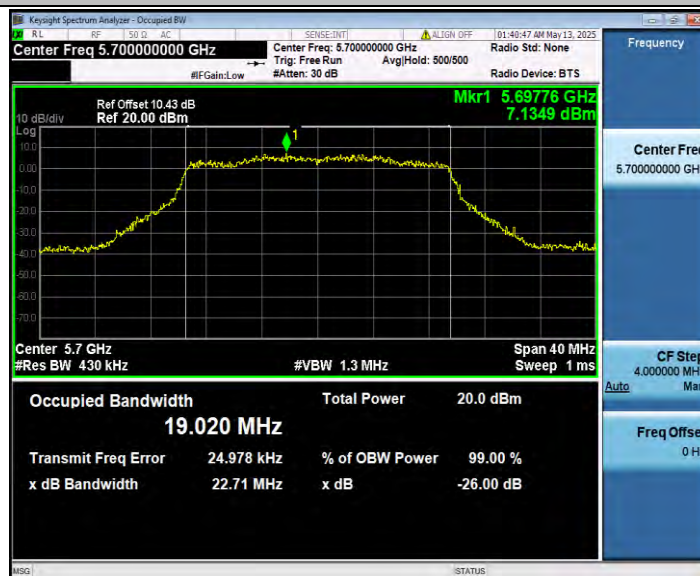




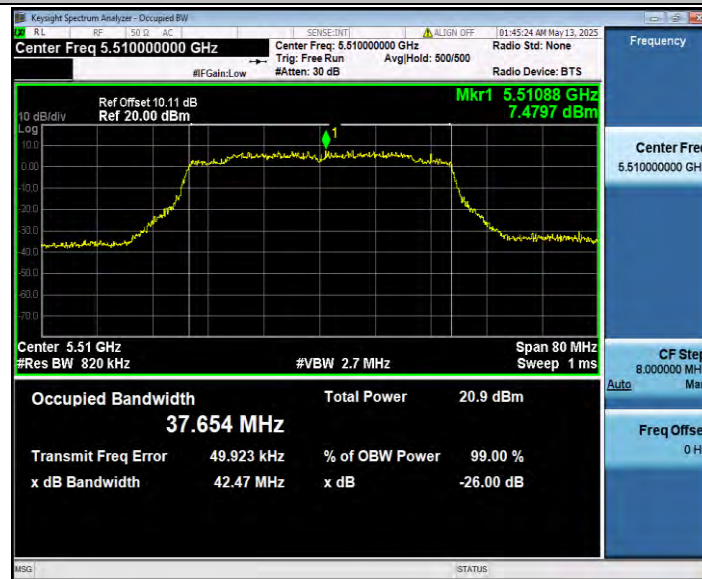
11AX20SISO_Ant0_5580



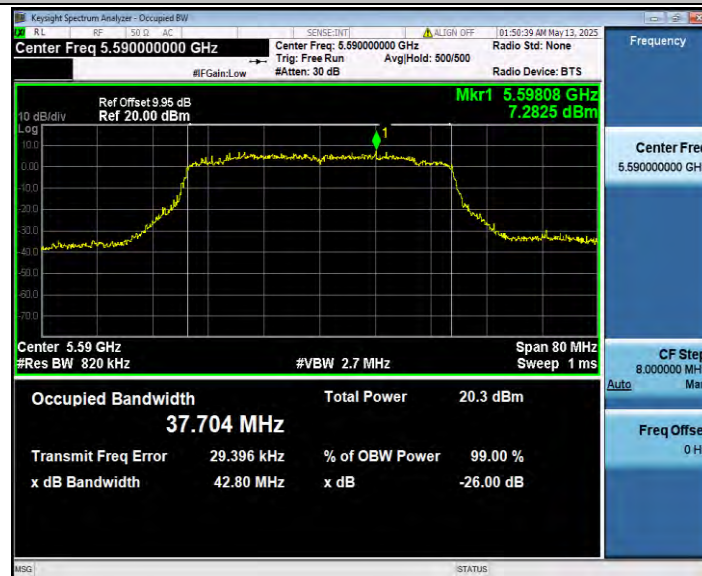
11AX20SISO_Ant0_5700



11AX40SISO_Ant0_5510



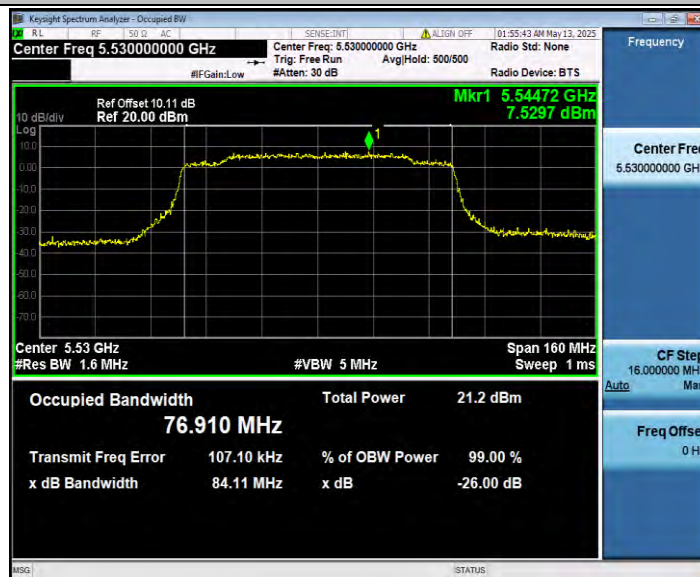
11AX40SISO_Ant0_5590



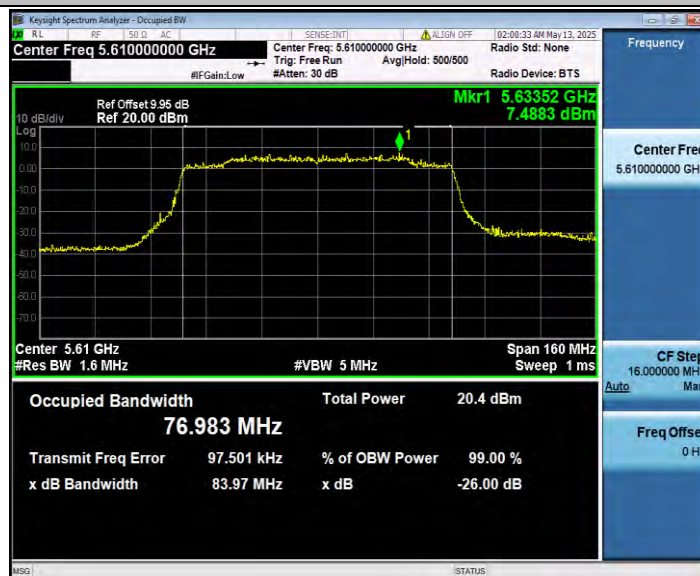
11AX40SISO_Ant0_5670



11AX80ISO_Ant0_5530



11AX80ISO_Ant0_5610

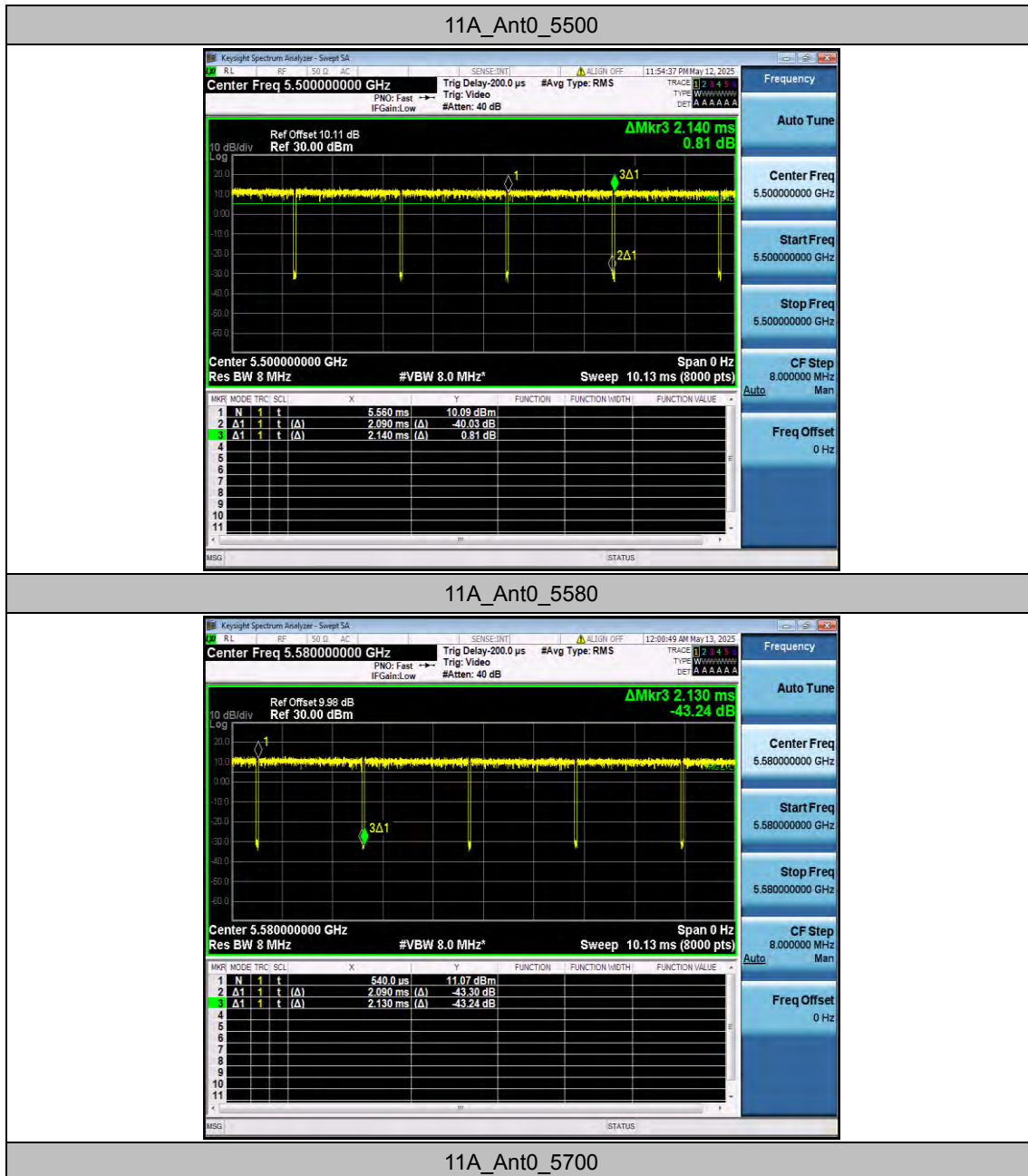


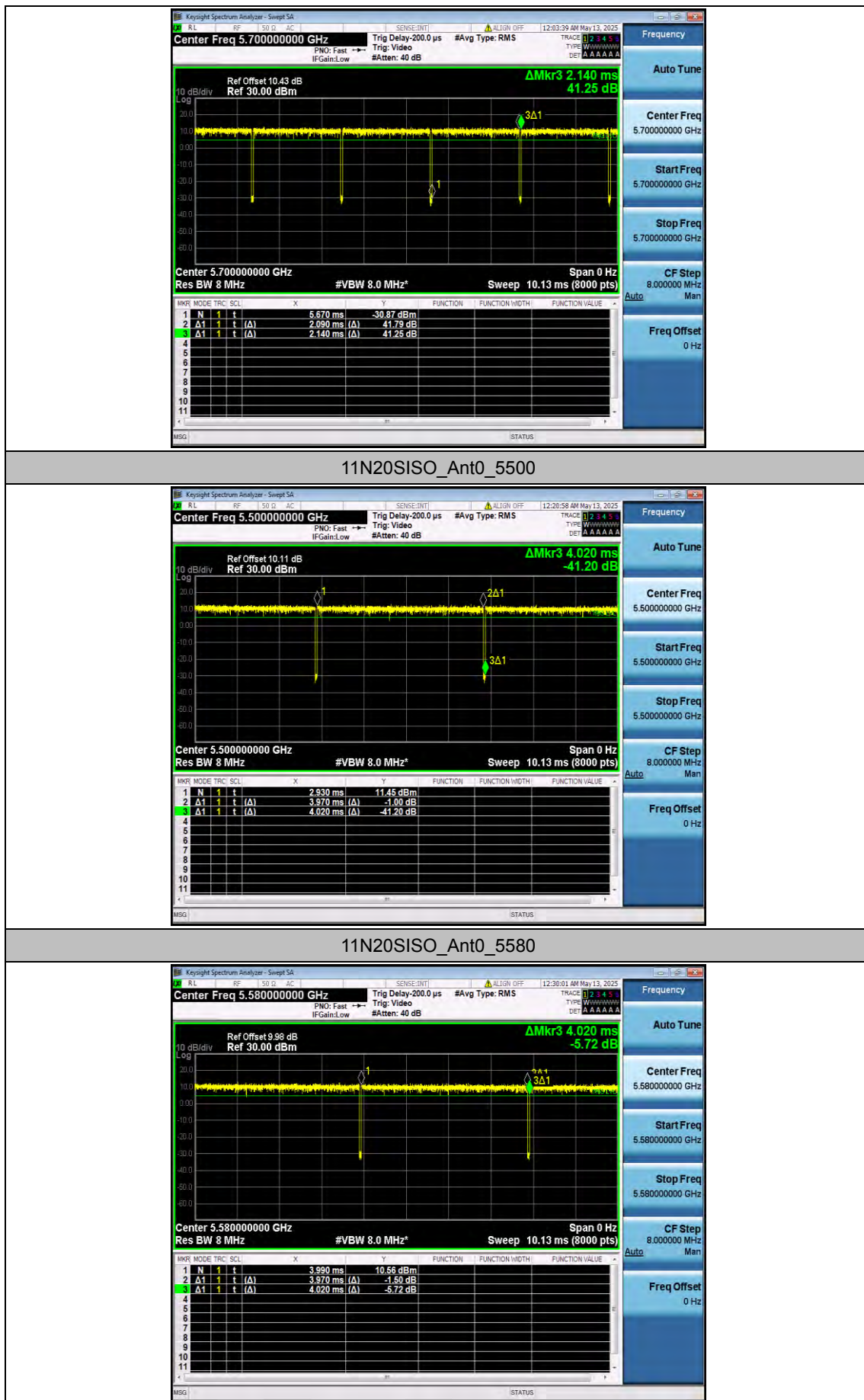
Appendix D.3: Duty Cycle

Test Result

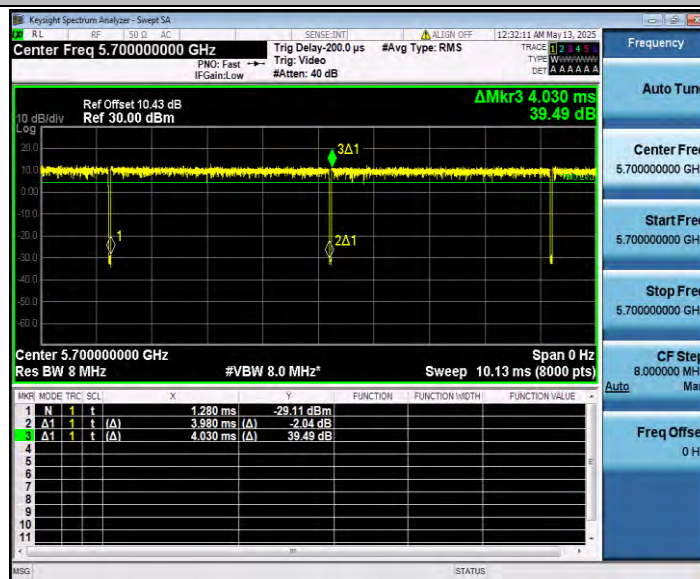
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5500	2.09	2.14	97.66	0.10	0.48
		5580	2.09	2.13	98.12	0.08	0.48
		5700	2.09	2.14	97.66	0.10	0.48
11N20SISO	Ant0	5500	3.97	4.02	98.76	0.05	0.25
		5580	3.97	4.02	98.76	0.05	0.25
		5700	3.98	4.03	98.76	0.05	0.25
11N40SISO	Ant0	5510	3.97	4.02	98.76	0.05	0.25
		5590	3.97	4.02	98.76	0.05	0.25
		5670	3.97	4.02	98.76	0.05	0.25
11AC20SISO	Ant0	5500	3.95	4.00	98.75	0.05	0.25
		5580	3.94	3.99	98.75	0.05	0.25
		5700	3.94	3.99	98.75	0.05	0.25
11AC40SISO	Ant0	5510	3.96	4.01	98.75	0.05	0.25
		5590	3.96	4.00	99.00	0.04	0.25
		5670	3.96	4.01	98.75	0.05	0.25
11AC80SISO	Ant0	5530	3.97	4.02	98.76	0.05	0.25
		5610	3.97	4.02	98.76	0.05	0.25
11AX20SISO	Ant0	5500	3.98	4.03	98.76	0.05	0.25
		5580	3.98	4.03	98.76	0.05	0.25
		5700	3.98	4.03	98.76	0.05	0.25
11AX40SISO	Ant0	5510	3.98	4.03	98.76	0.05	0.25
		5590	3.98	4.03	98.76	0.05	0.25
		5670	3.98	4.03	98.76	0.05	0.25
11AX80SISO	Ant0	5530	3.98	4.03	98.76	0.05	0.25
		5610	3.99	4.03	99.01	0.04	0.25

Test Graphs

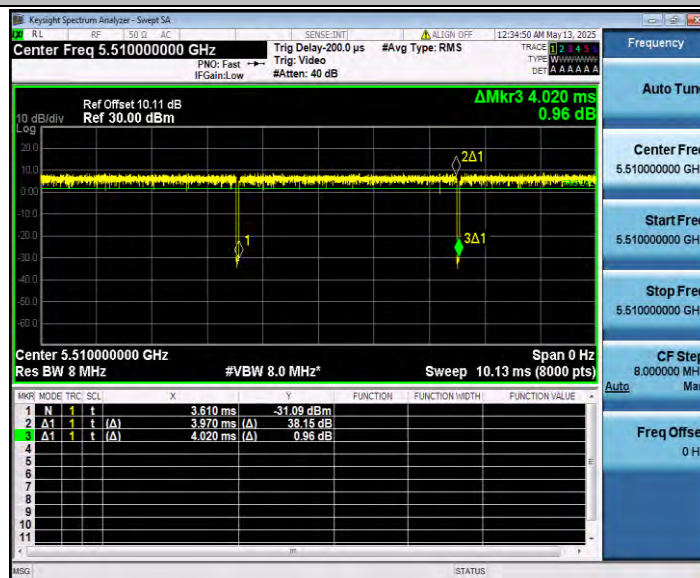




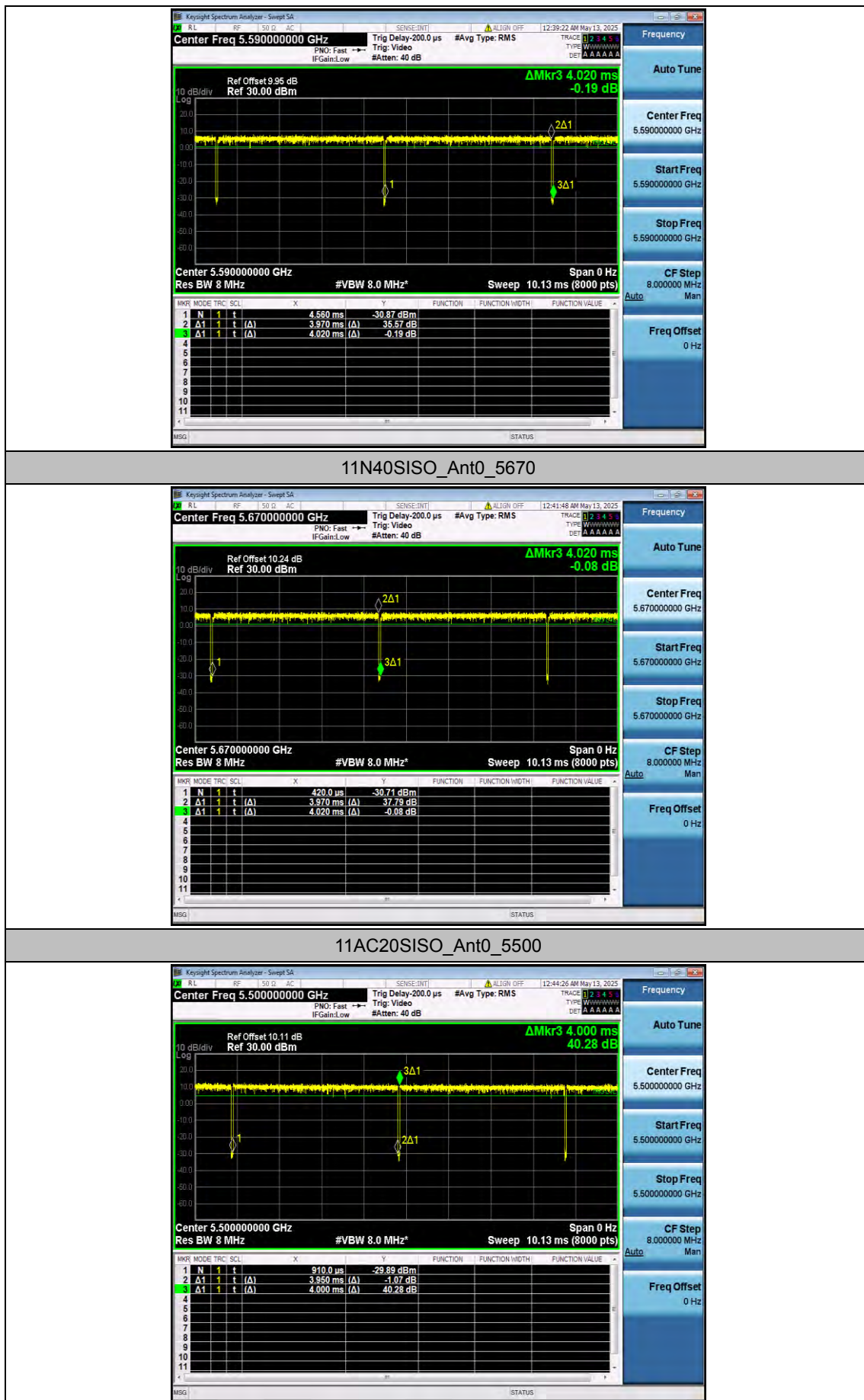
11N20SISO_Ant0_5700

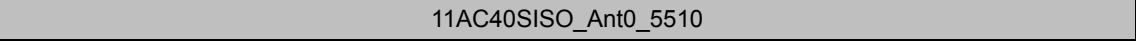
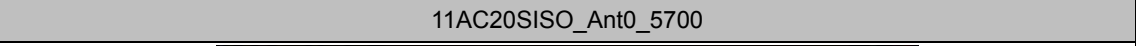


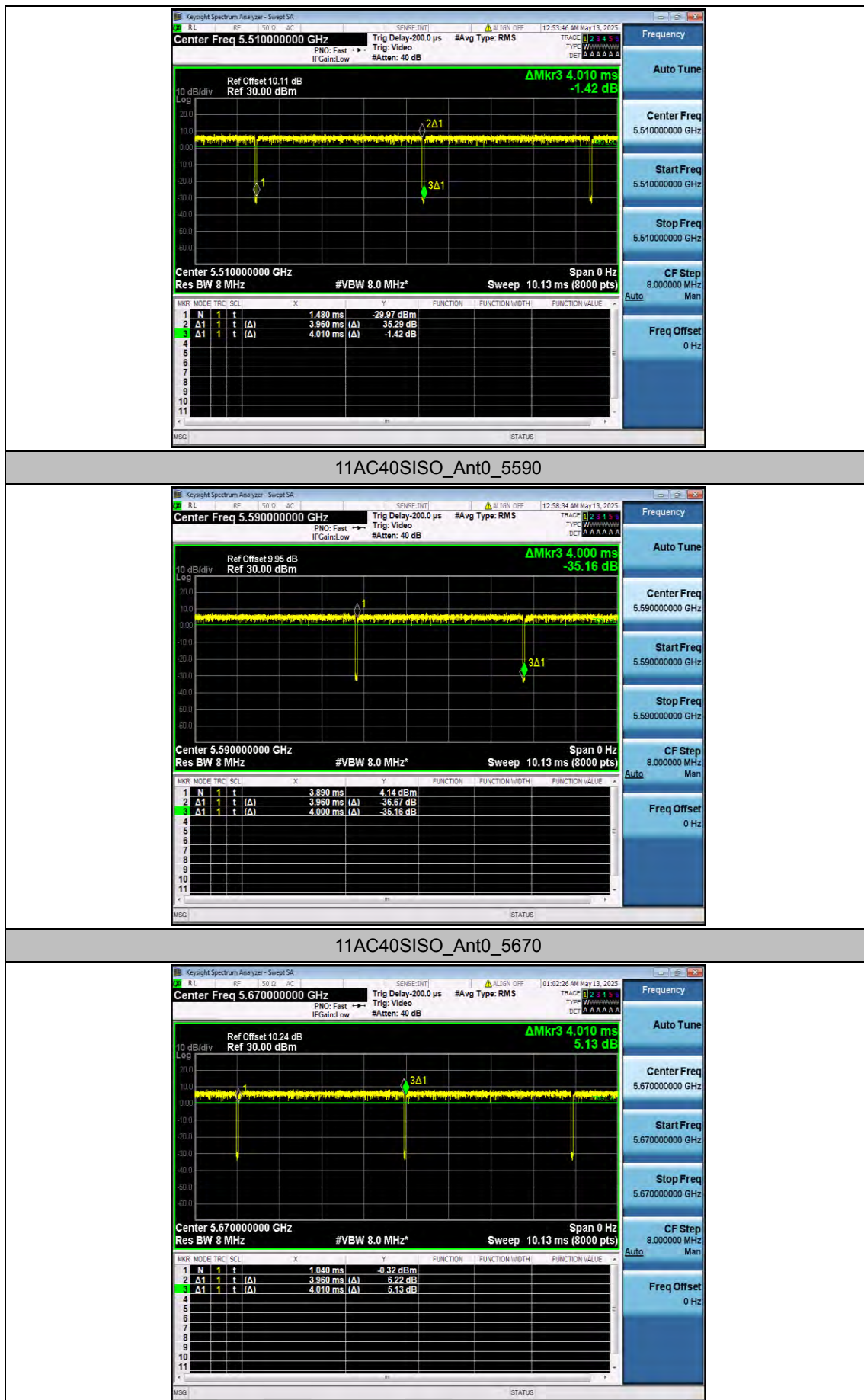
11N40SISO_Ant0_5510



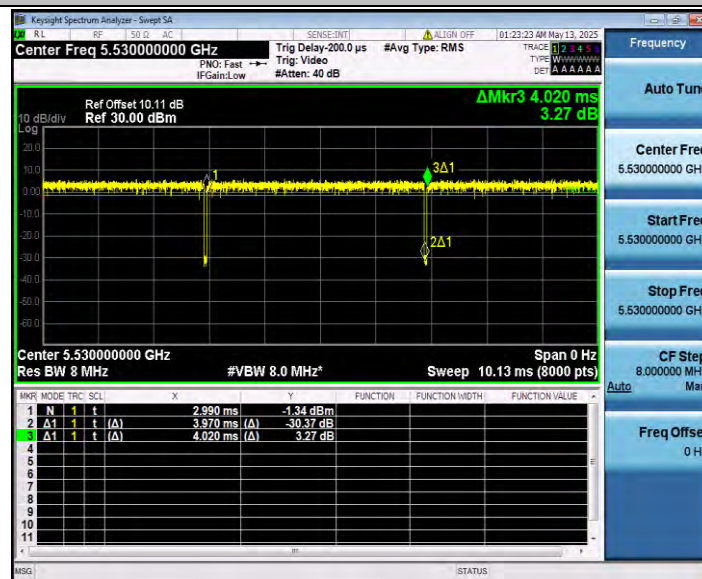
11N40SISO_Ant0_5590



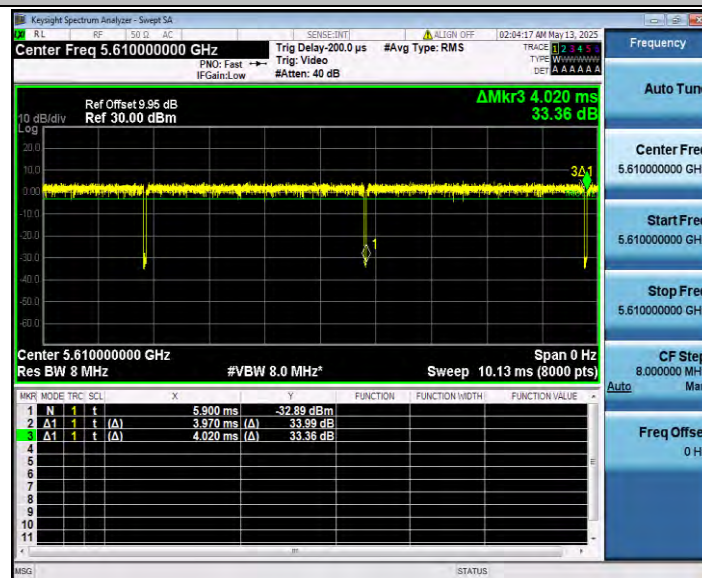




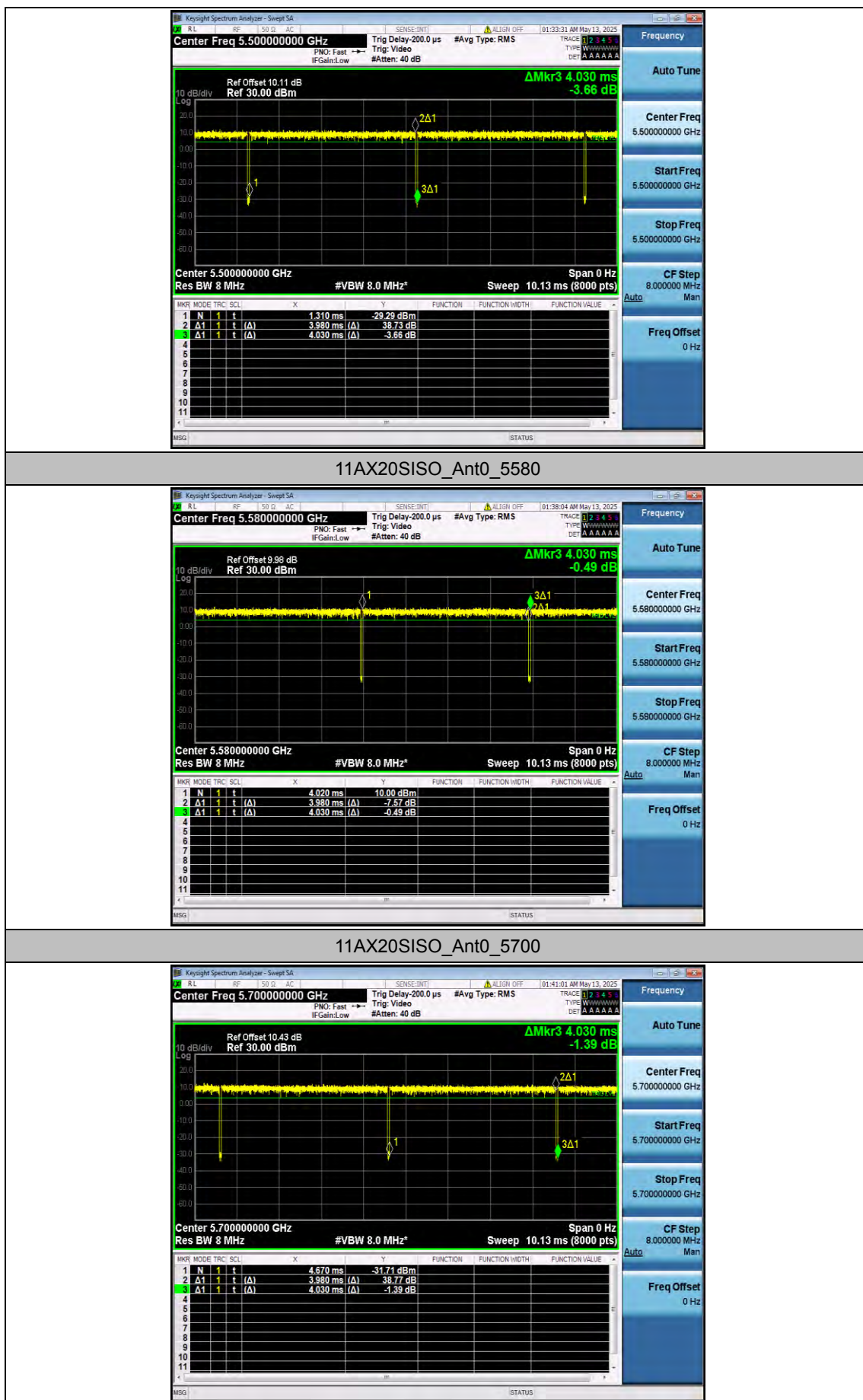
11AC80SISO_Ant0_5530



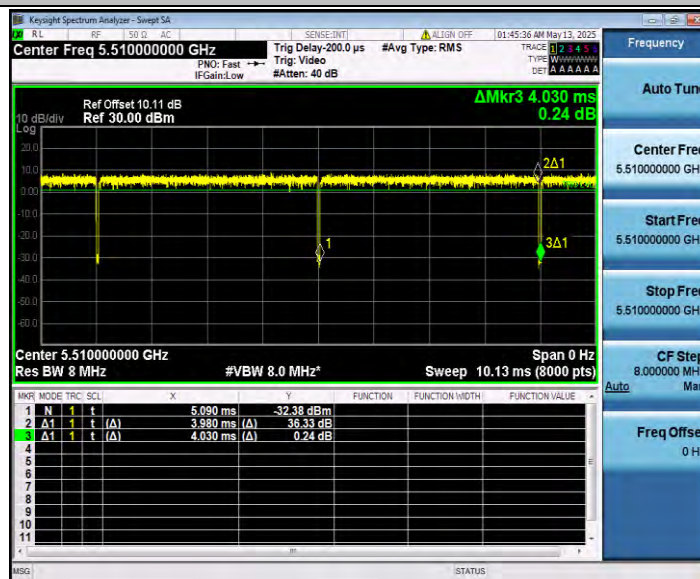
11AC80SISO_Ant0_5610



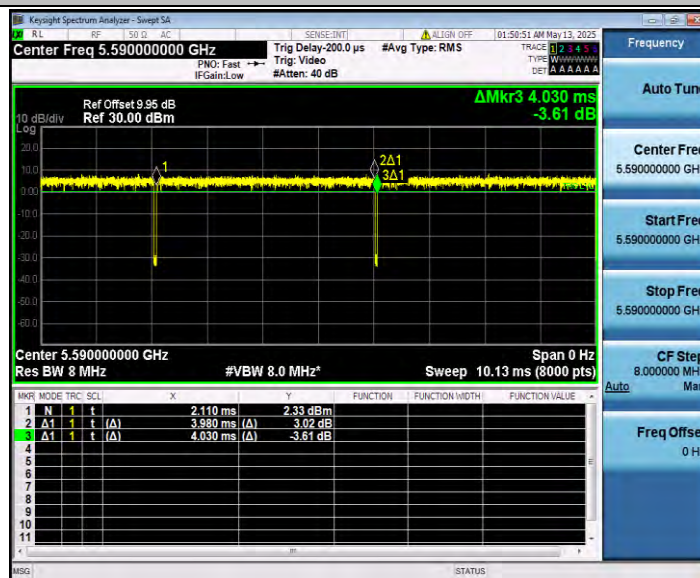
11AX20SISO_Ant0_5500



11AX40SISO_Ant0_5510



11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670

