

Case No. : <u>GTS20240604012-1-04</u>	
Ambient Condition: <u>22</u> °C, <u>52</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.1.6</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	20.160	5490.200	5510.360	---	---
		5580	20.400	5570.000	5590.400	---	---
		5700	21.080	5689.320	5710.400	---	---
11N20SISO	Ant0	5500	20.560	5489.880	5510.440	---	---
		5580	20.680	5569.600	5590.280	---	---
		5700	20.400	5689.960	5710.360	---	---
11N40SISO	Ant0	5510	41.520	5489.120	5530.640	---	---
		5590	70.640	5554.160	5624.800	---	---
		5670	40.720	5649.680	5690.400	---	---
11AC20SISO	Ant0	5500	21.000	5489.520	5510.520	---	---
		5580	20.400	5569.960	5590.360	---	---
		5700	20.880	5689.560	5710.440	---	---
11AC40SISO	Ant0	5510	40.560	5489.760	5530.320	---	---
		5590	40.480	5570.240	5610.720	---	---
		5670	40.160	5650.240	5690.400	---	---
11AC80SISO	Ant0	5530	80.480	5490.000	5570.480	---	---
		5610	83.840	5569.840	5653.680	---	---
11AX20SISO	Ant0	5500	21.000	5489.520	5510.520	---	---
		5580	21.360	5569.240	5590.600	---	---
		5700	21.080	5689.480	5710.560	---	---
11AX40SISO	Ant0	5510	40.160	5490.160	5530.320	---	---
		5590	40.480	5569.920	5610.400	---	---
		5670	40.160	5650.080	5690.240	---	---
11AX80SISO	Ant0	5530	82.400	5489.200	5571.600	---	---
		5610	102.560	5548.880	5651.440	---	---

Test Graphs

11A_Ant0_5500



11A_Ant0_5580



11A_Ant0_5700



11N20SISO_Ant0_5500



11N20SISO_Ant0_5580



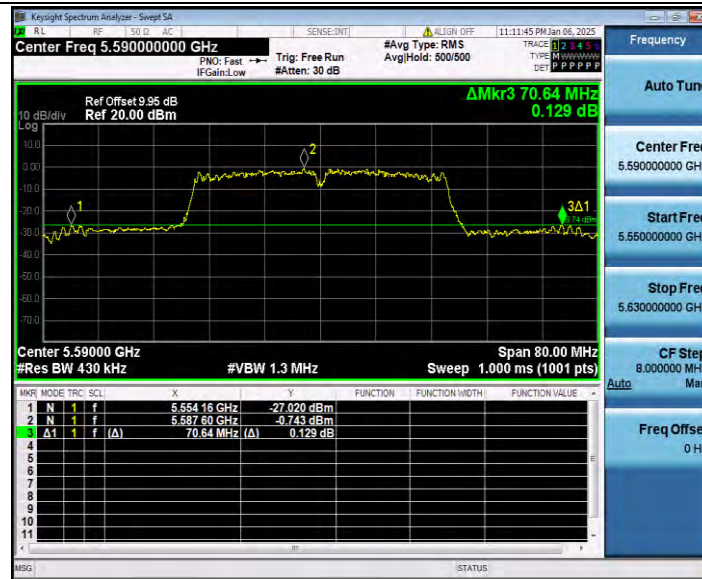
11N20SISO_Ant0_5700



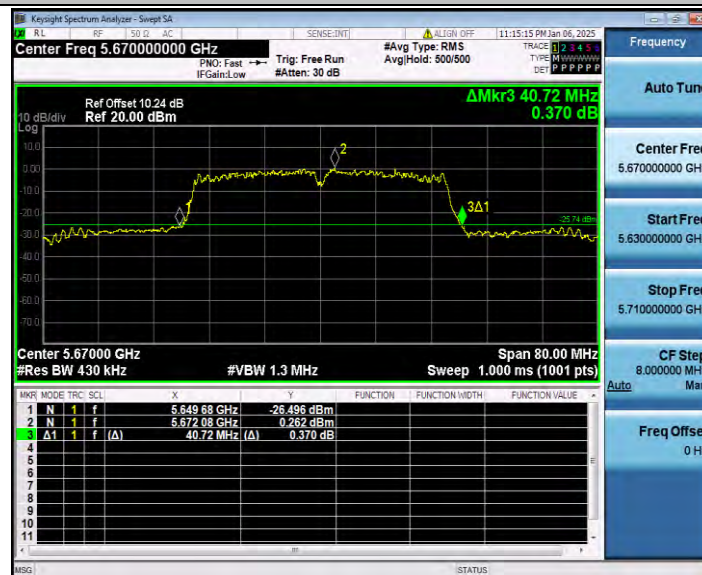
11N40SISO_Ant0_5510



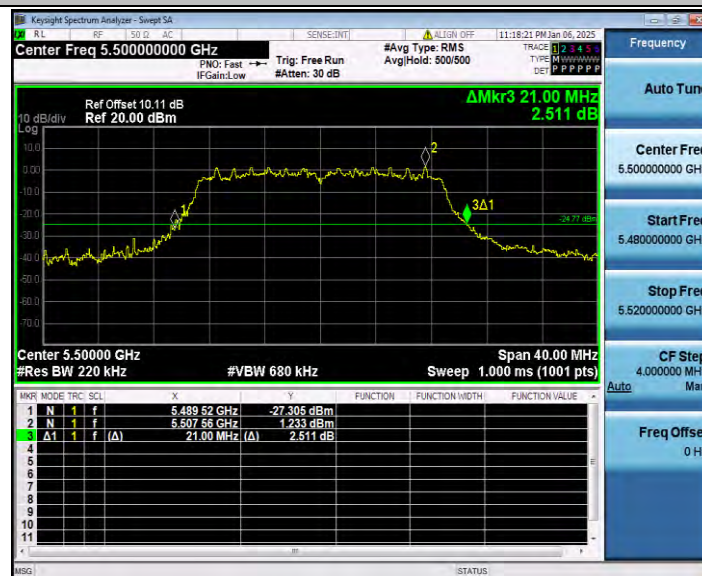
11N40SISO_Ant0_5590



11N40SISO_Ant0_5670



11AC20SISO_Ant0_5500



11AC20SISO_Ant0_5580



11AC20SISO_Ant0_5700



11AC40SISO_Ant0_5510



11AC40SISO_Ant0_5590



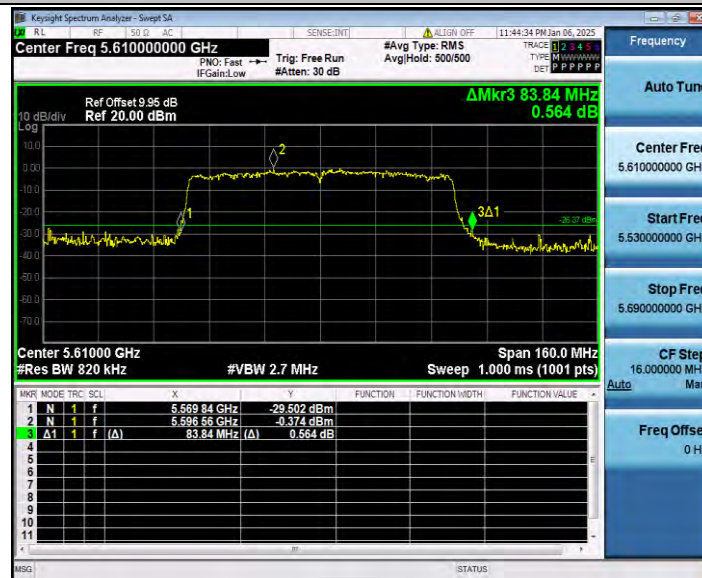
11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530



11AC80SISO_Ant0_5610



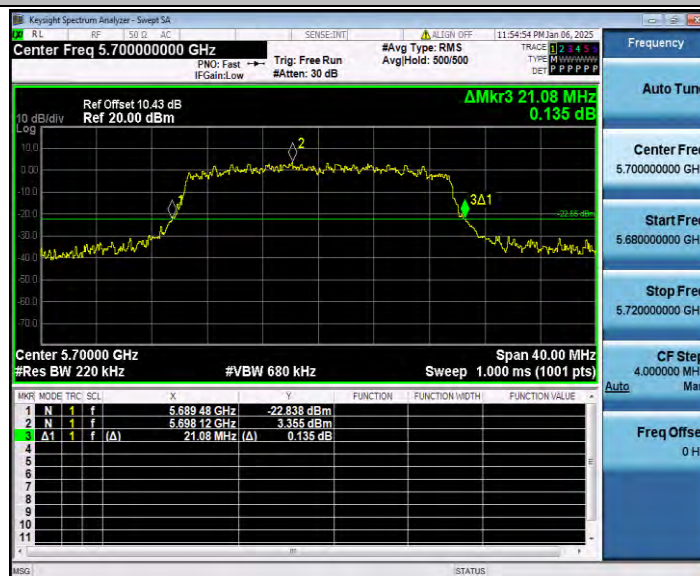
11AX20SISO_Ant0_5500



11AX20SISO_Ant0_5580



11AX20SISO_Ant0_5700



11AX40SISO_Ant0_5510



11AX40SISO_Ant0_5590



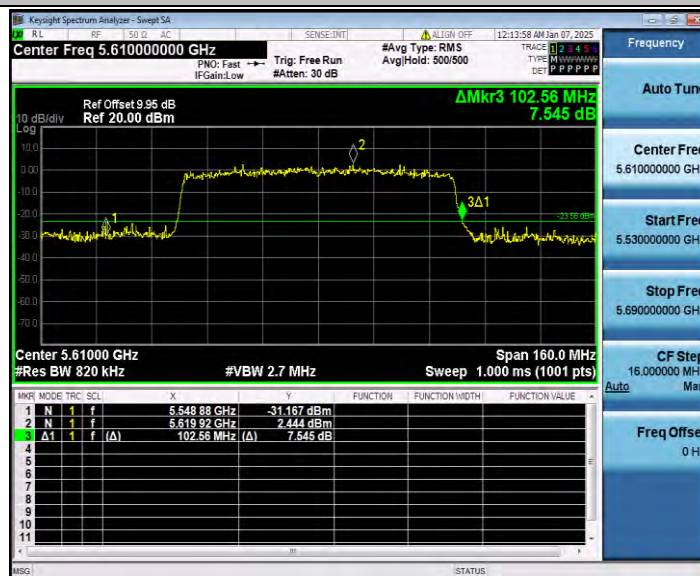
11AX40SISO_Ant0_5670



11AX80ISO_Ant0_5530



11AX80ISO_Ant0_5610

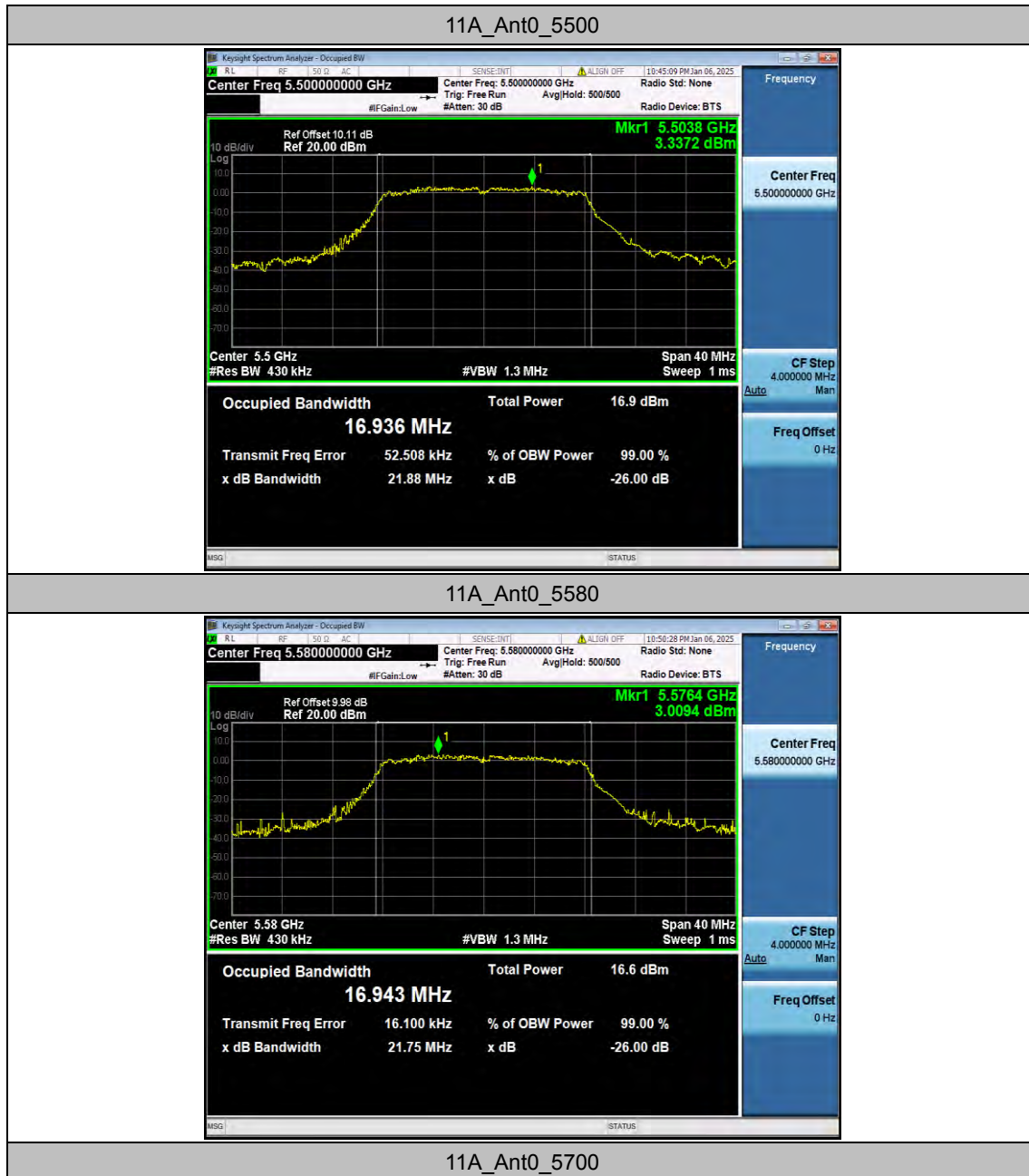


Appendix F.2: Occupied channel bandwidth

Test Result

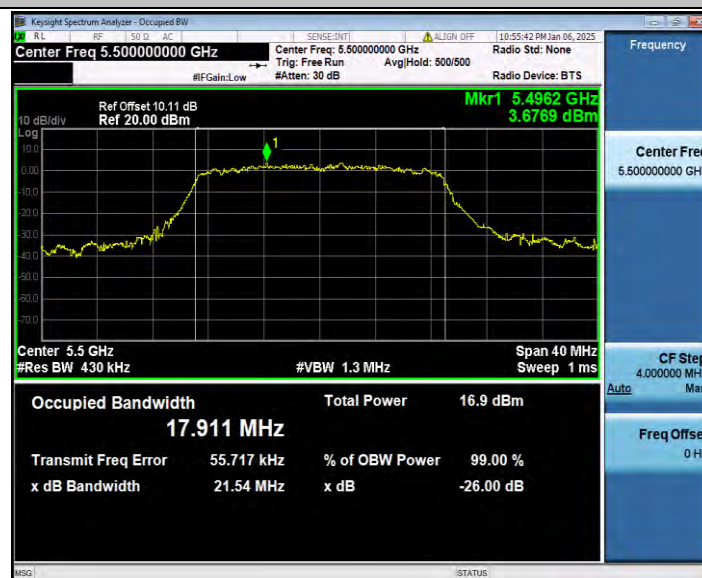
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5500	16.936	5491.5845	5508.5205	---	---
		5580	16.943	5571.5446	5588.4876	---	---
		5700	16.971	5691.5623	5708.5333	---	---
11N20SISO	Ant0	5500	17.911	5491.1002	5509.0112	---	---
		5580	17.880	5571.0401	5588.9201	---	---
		5700	17.906	5691.0736	5708.9796	---	---
11N40SISO	Ant0	5510	36.264	5492.0336	5528.2976	---	---
		5590	36.611	5571.7407	5608.3517	---	---
		5670	36.426	5651.8634	5688.2894	---	---
11AC20SISO	Ant0	5500	18.011	5491.0601	5509.0711	---	---
		5580	17.883	5571.0329	5588.9159	---	---
		5700	17.879	5691.0670	5708.9460	---	---
11AC40SISO	Ant0	5510	36.221	5492.0772	5528.2982	---	---
		5590	36.315	5571.9782	5608.2932	---	---
		5670	36.179	5652.0813	5688.2603	---	---
11AC80SISO	Ant0	5530	75.565	5492.3467	5567.9117	---	---
		5610	75.705	5572.3769	5648.0819	---	---
11AX20SISO	Ant0	5500	18.947	5490.5553	5509.5023	---	---
		5580	18.939	5570.5485	5589.4875	---	---
		5700	18.920	5690.5525	5709.4725	---	---
11AX40SISO	Ant0	5510	37.517	5491.3477	5528.8647	---	---
		5590	37.503	5571.2721	5608.7751	---	---
		5670	37.491	5651.3174	5688.8084	---	---
11AX80SISO	Ant0	5530	77.154	5491.4633	5568.6173	---	---
		5610	77.345	5571.3317	5648.6767	---	---

Test Graphs





11N20SISO_Ant0_5500



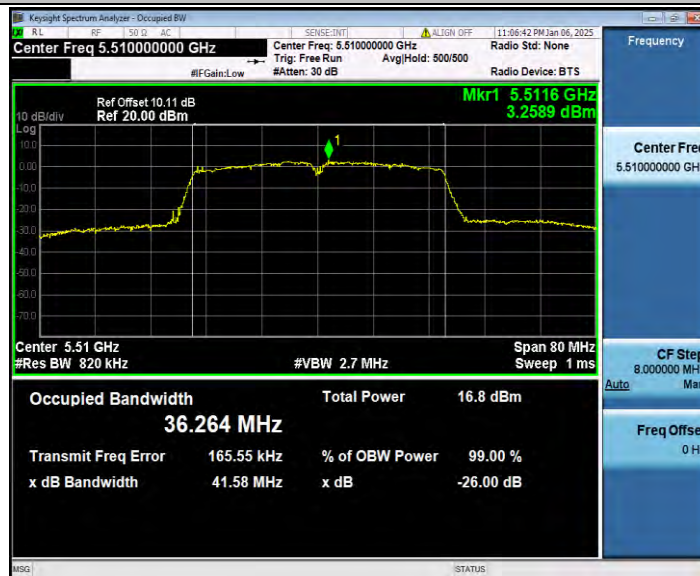
11N20SISO_Ant0_5580



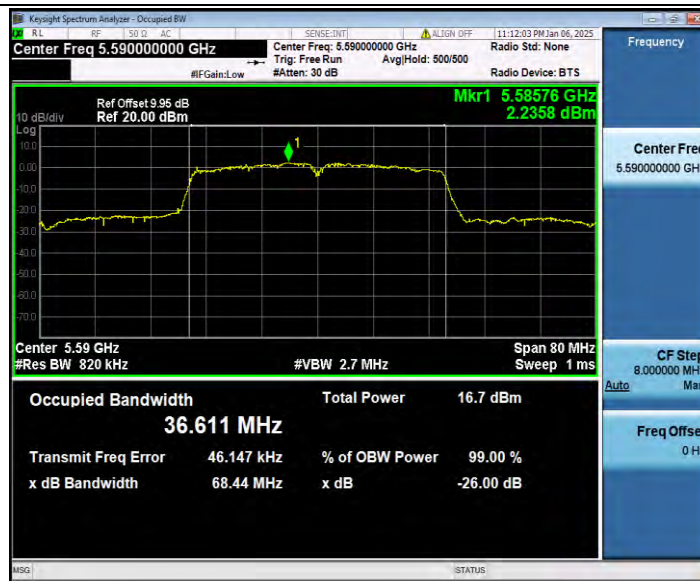
11N20SISO_Ant0_5700



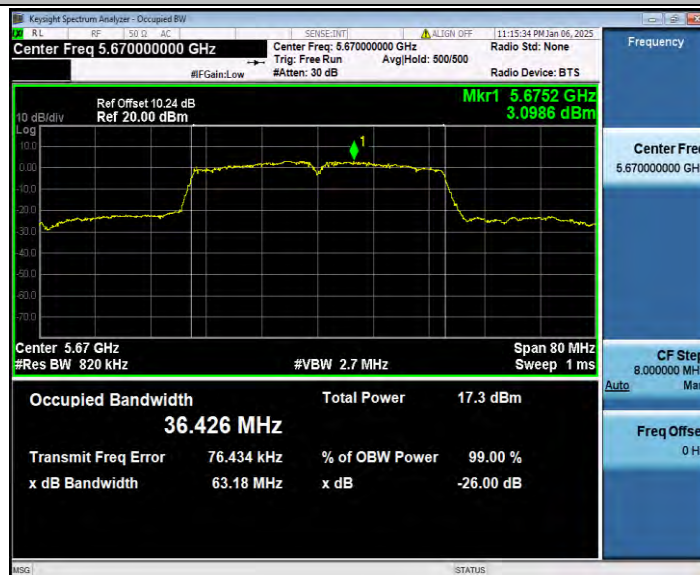
11N40SISO_Ant0_5510



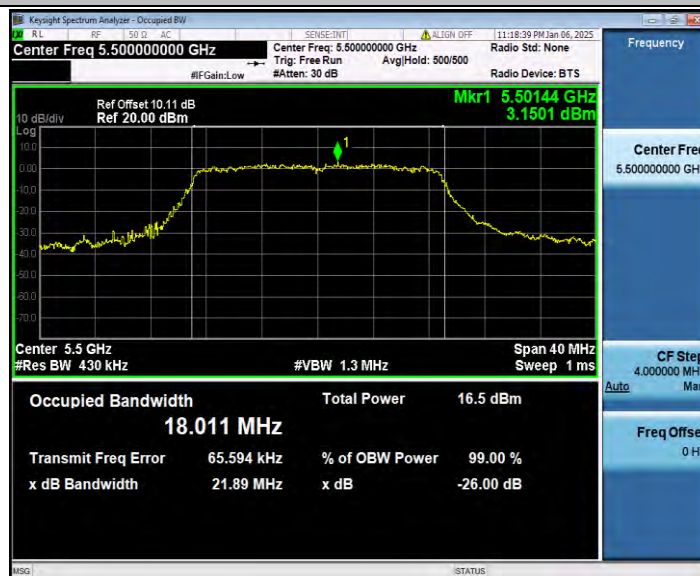
11N40SISO_Ant0_5590



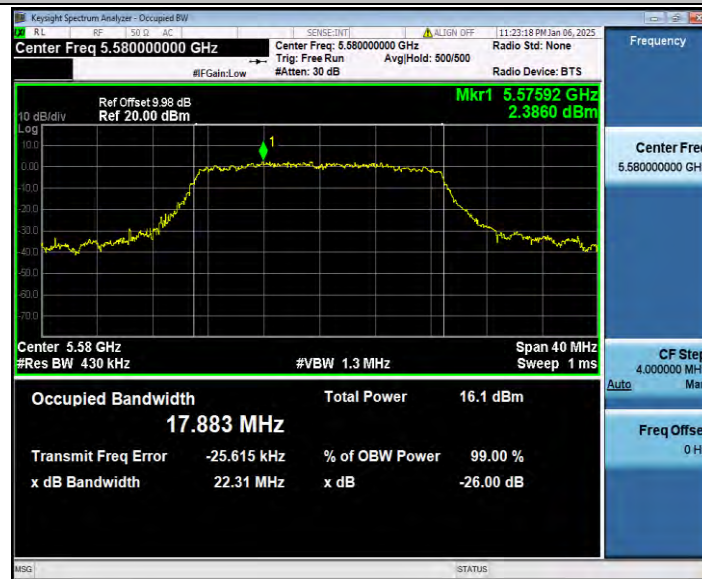
11N40SISO_Ant0_5670



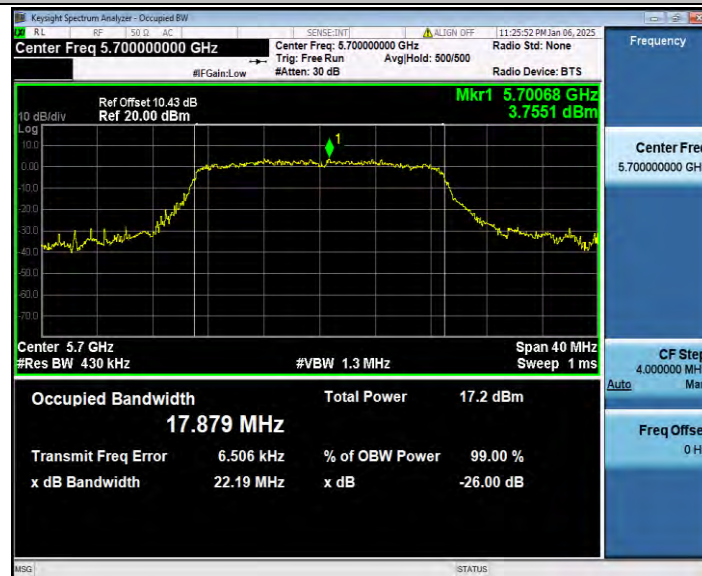
11AC20SISO_Ant0_5500



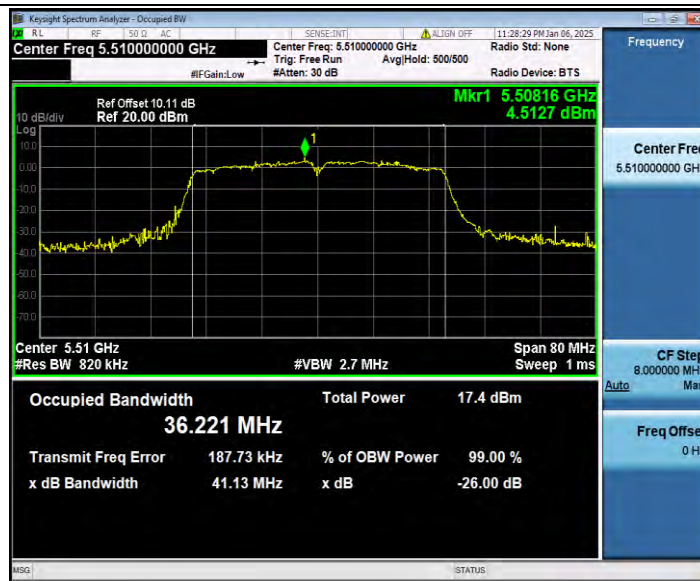
11AC20SISO_Ant0_5580



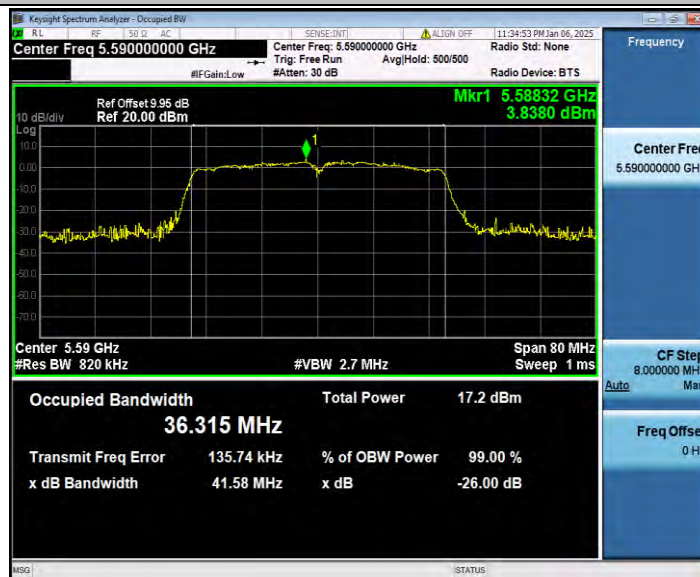
11AC20SISO_Ant0_5700



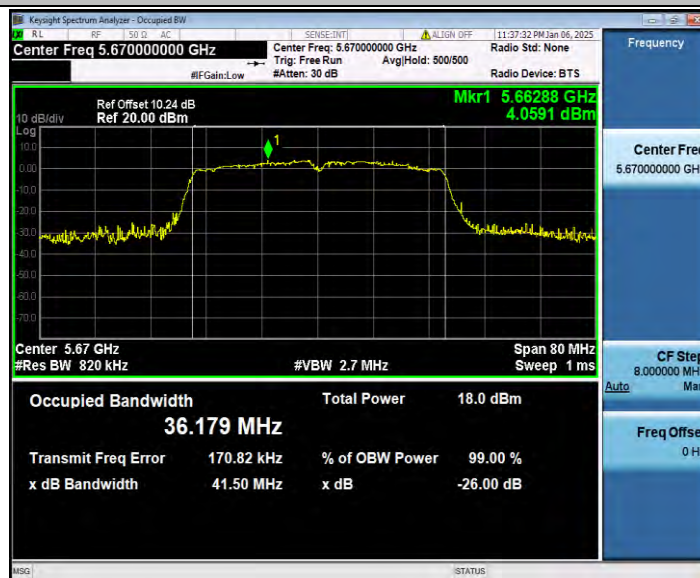
11AC40SISO_Ant0_5510



11AC40SISO_Ant0_5590



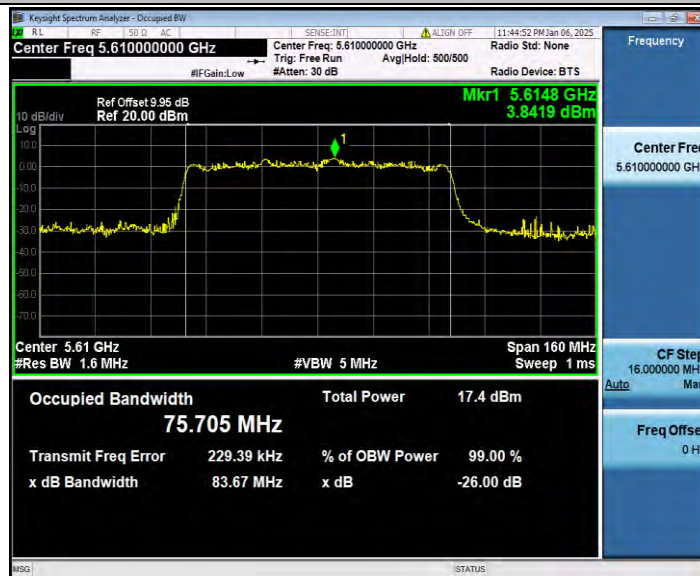
11AC40SISO_Ant0_5670



11AC80SISO_Ant0_5530



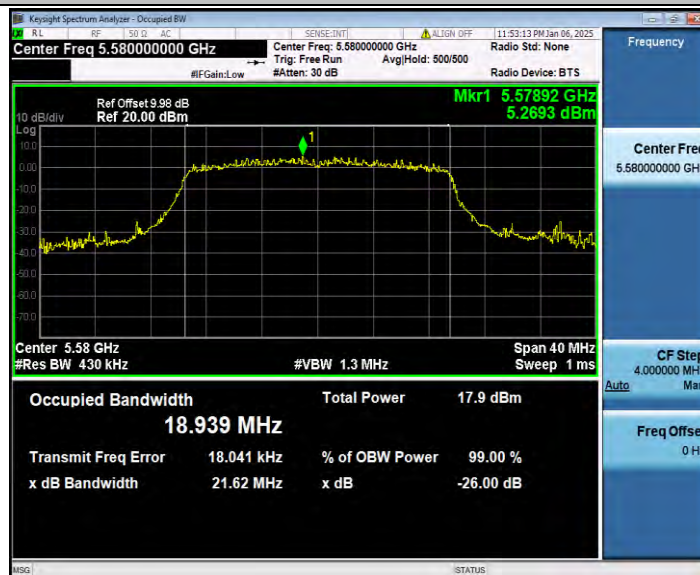
11AC80SISO_Ant0_5610



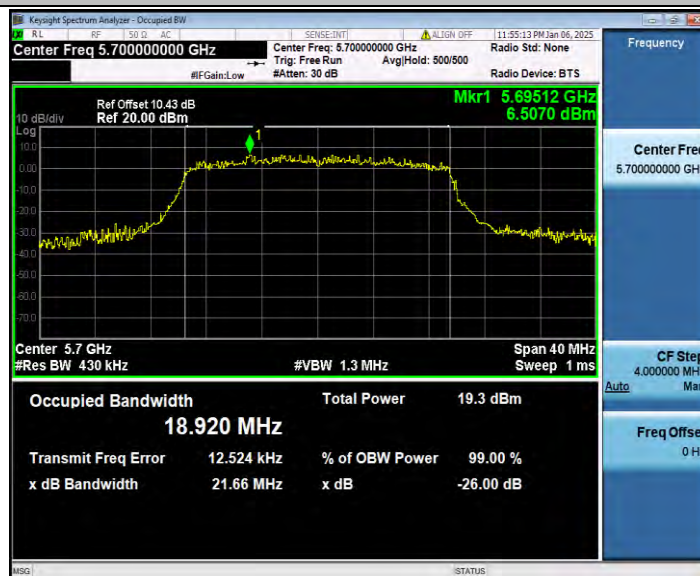
11AX20SISO_Ant0_5500



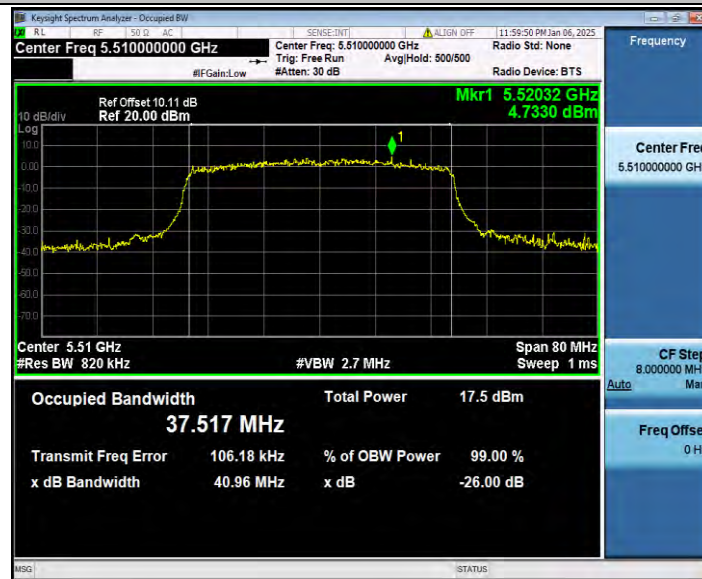
11AX20SISO_Ant0_5580



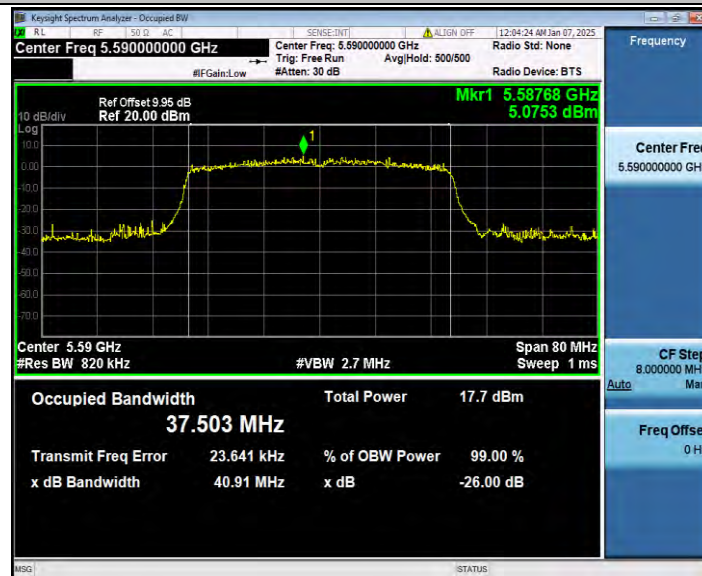
11AX20SISO_Ant0_5700



11AX40SISO_Ant0_5510



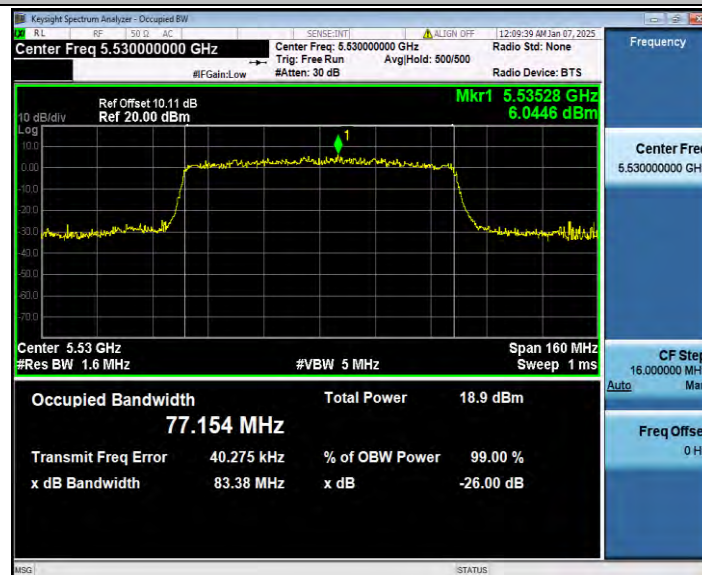
11AX40SISO_Ant0_5590



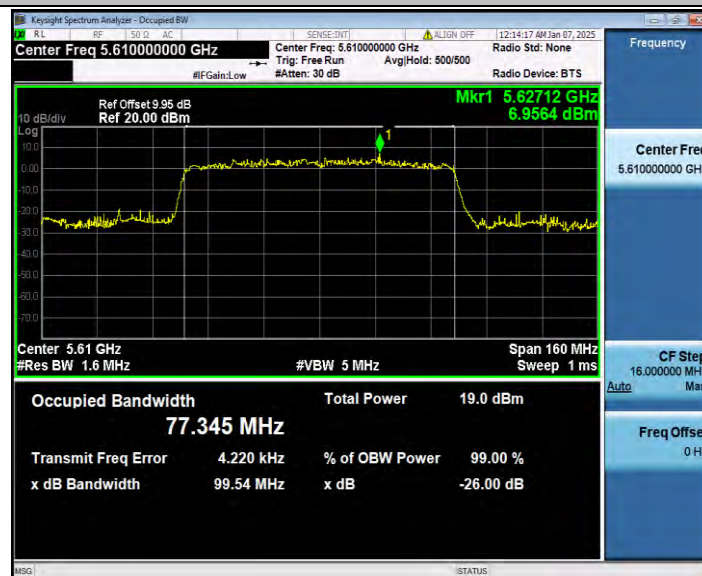
11AX40SISO_Ant0_5670



11AX80ISO_Ant0_5530



11AX80ISO_Ant0_5610

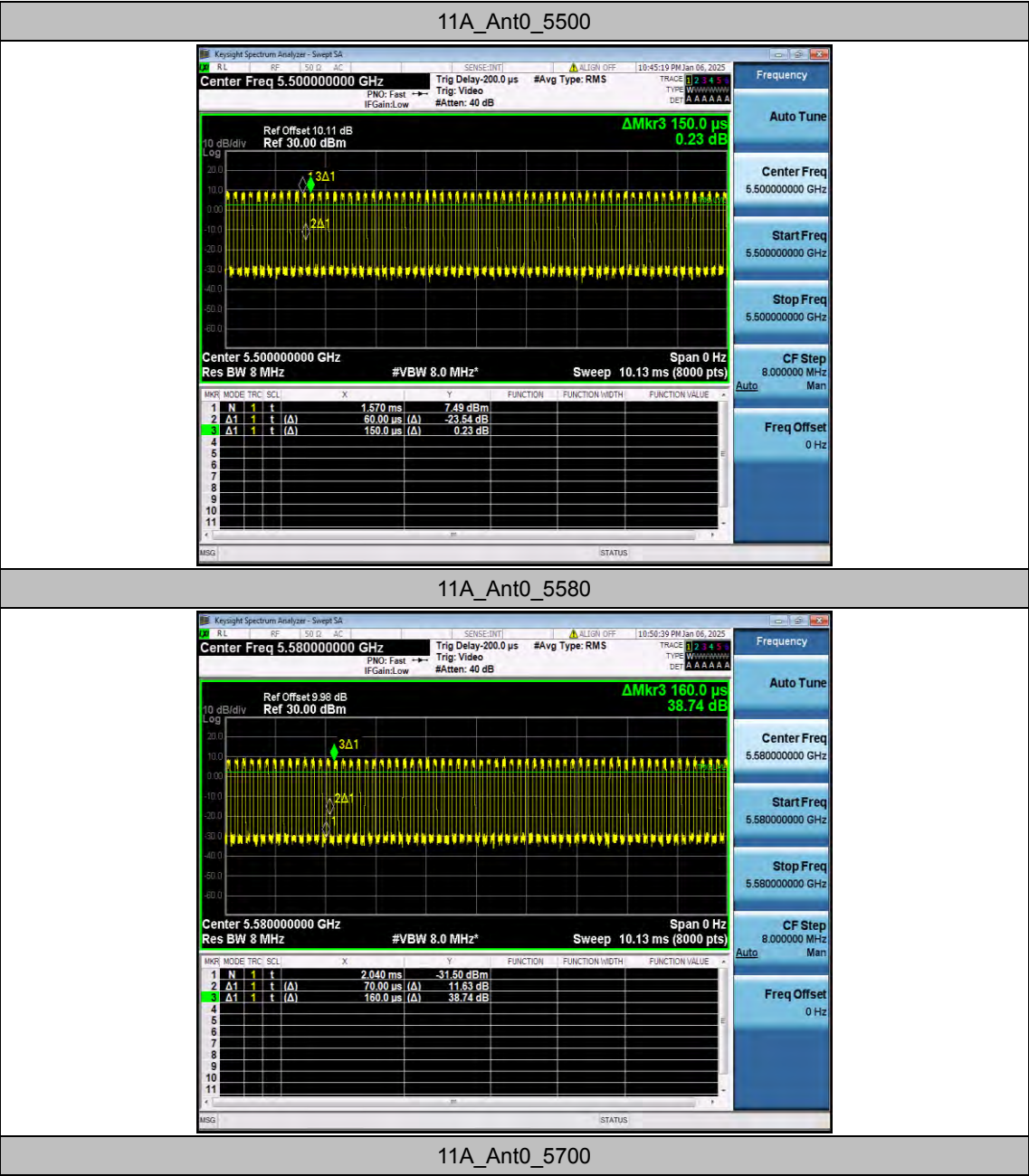


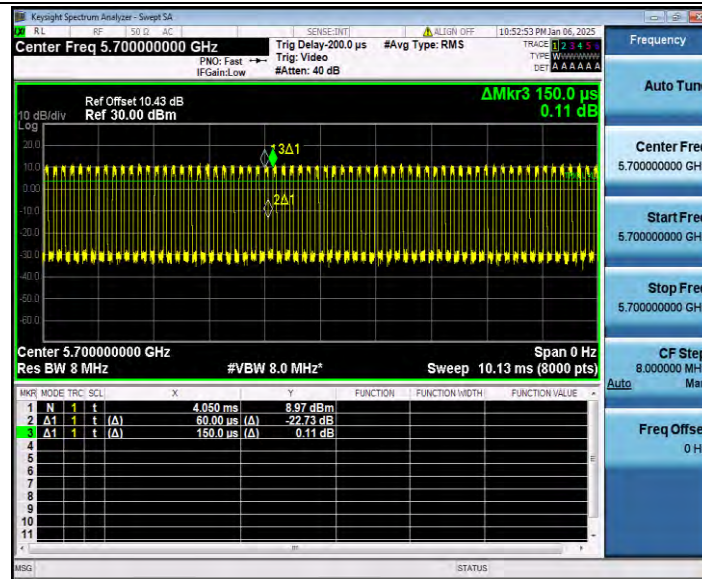
Appendix F.3: Duty Cycle

Test Result

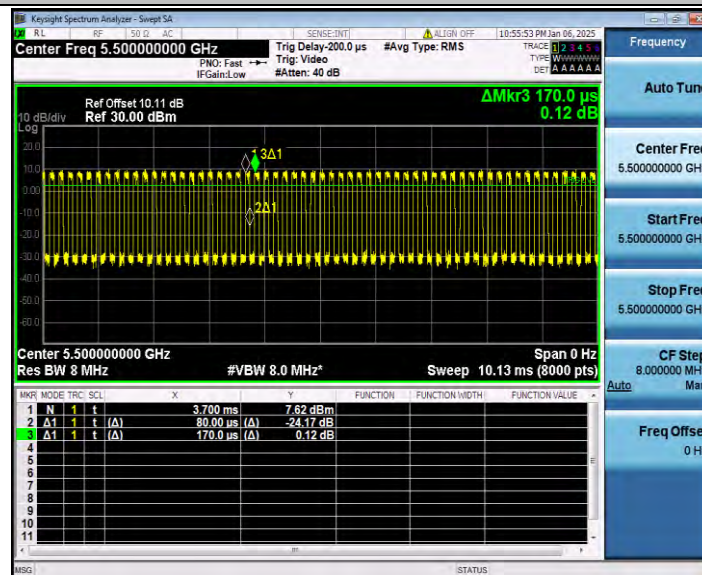
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5500	0.06	0.15	40.00	3.98	16.67
		5580	0.07	0.16	43.75	3.59	14.29
		5700	0.06	0.15	40.00	3.98	16.67
11N20SISO	Ant0	5500	0.08	0.17	47.06	3.27	12.50
		5580	0.08	0.17	47.06	3.27	12.50
		5700	0.07	0.16	43.75	3.59	14.29
11N40SISO	Ant0	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	Ant0	5500	0.09	0.18	50.00	3.01	11.11
		5580	0.08	0.17	47.06	3.27	12.50
		5700	0.09	0.18	50.00	3.01	11.11
11AC40SISO	Ant0	5510	0.07	0.17	41.18	3.85	14.29
		5590	0.06	0.15	40.00	3.98	16.67
		5670	0.06	0.15	40.00	3.98	16.67
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	0.17	52.94	2.76	11.11
		5590	0.09	0.17	52.94	2.76	11.11
		5670	0.09	0.17	52.94	2.76	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

Test Graphs

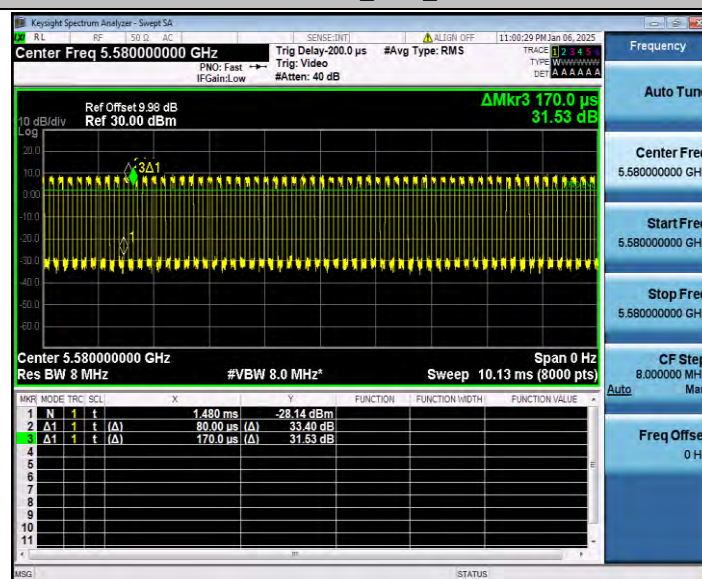




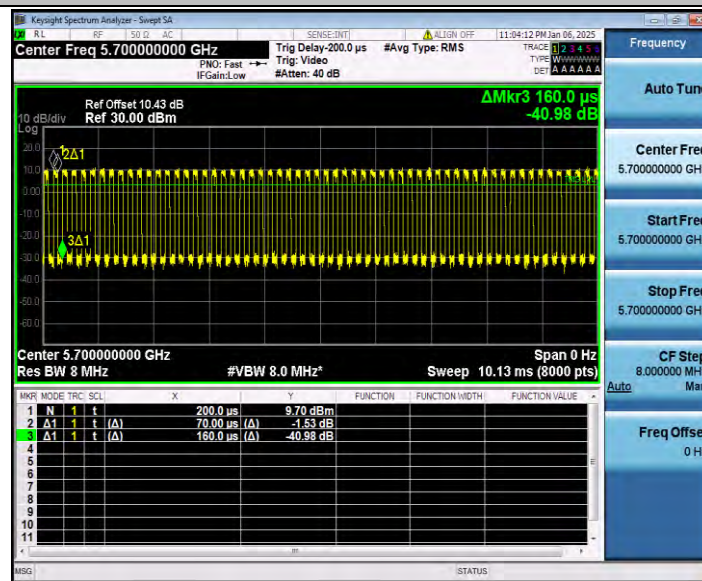
11N20SISO_Ant0_5500



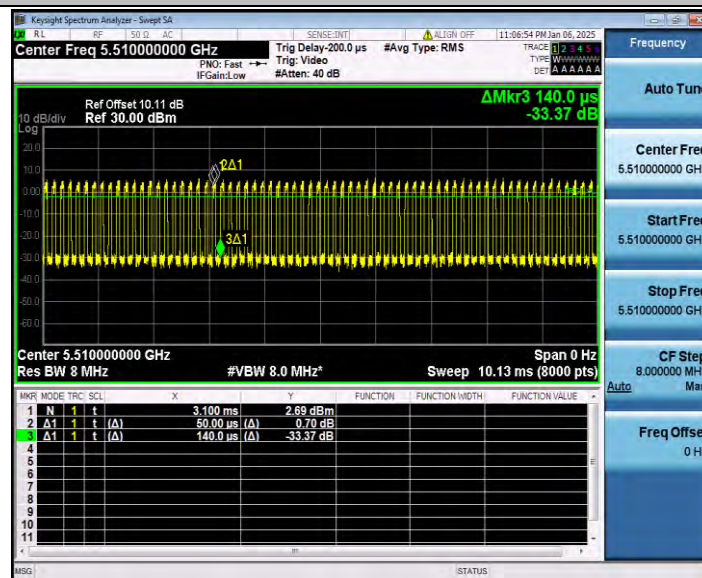
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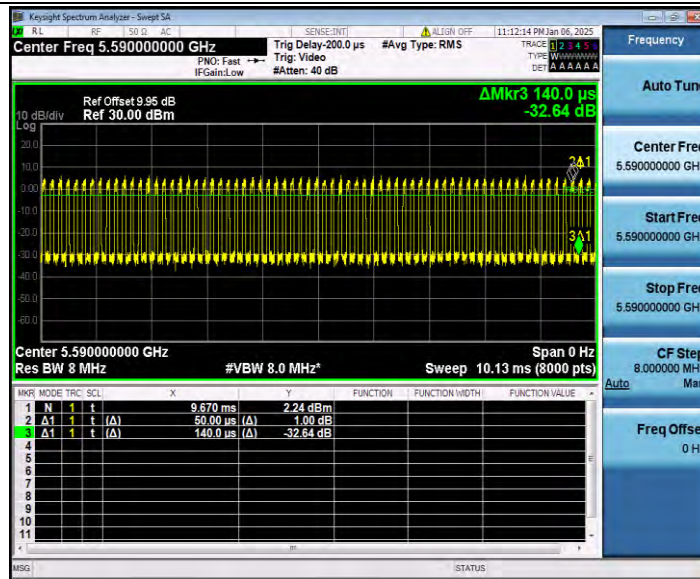
11N20SISO_Ant0_5700



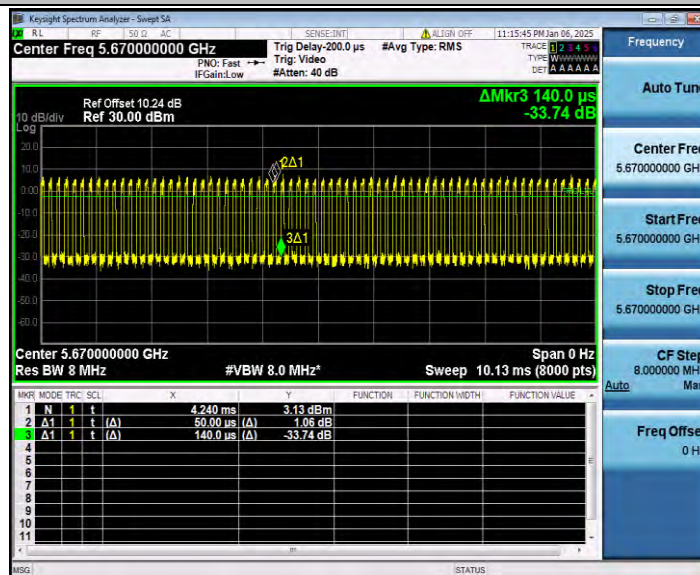
11N40SISO_Ant0_5510



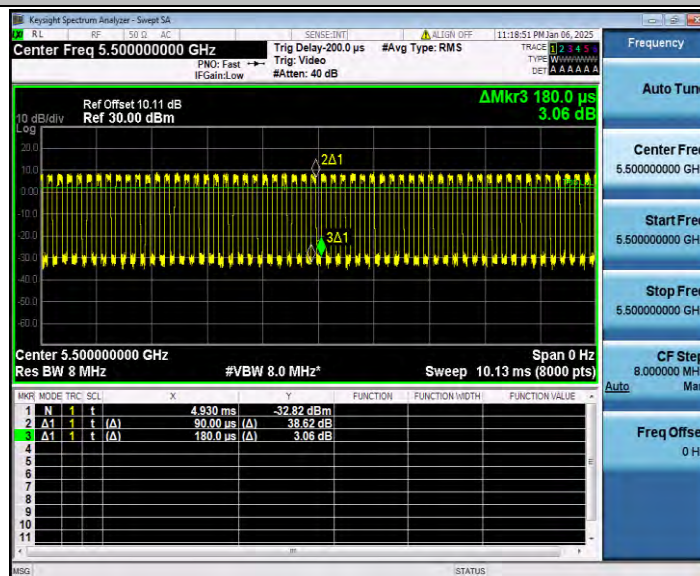
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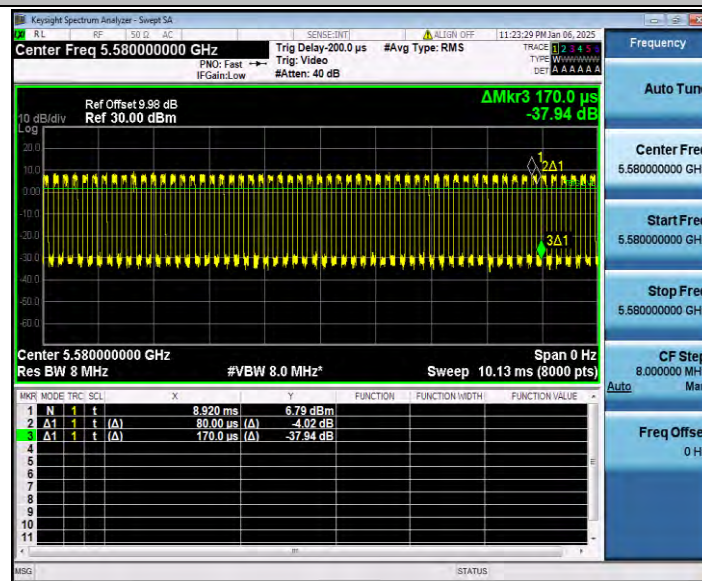
11N40SISO_Ant0_5670



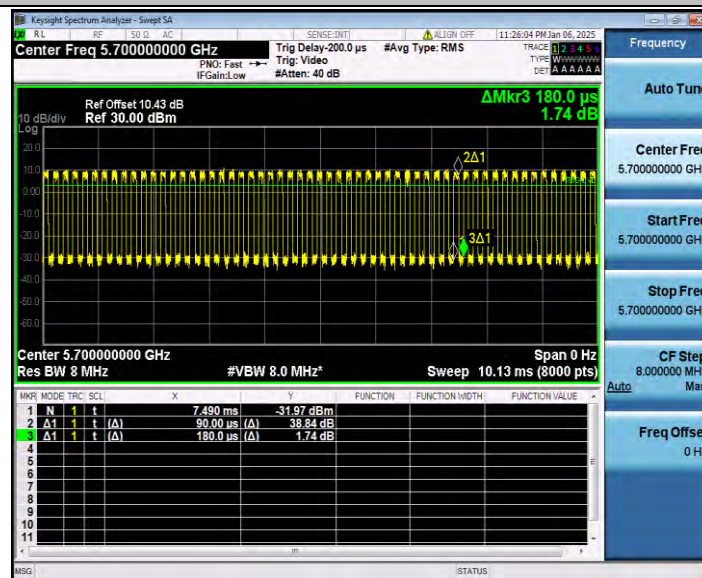
11AC20SISO_Ant0_5500



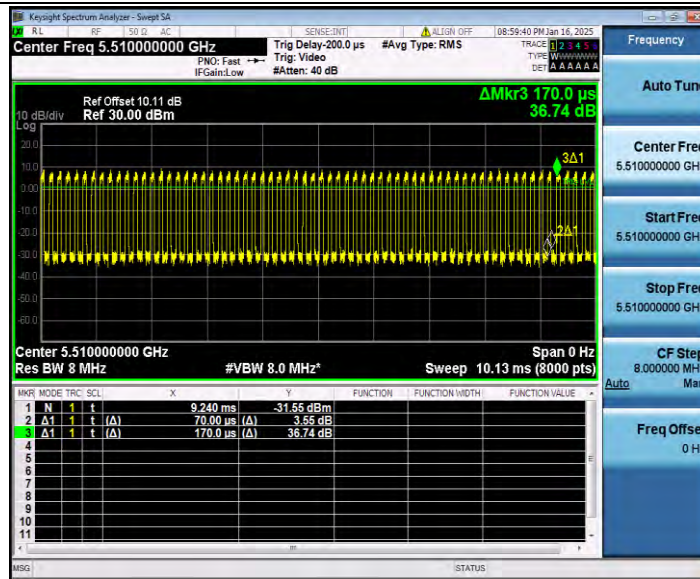
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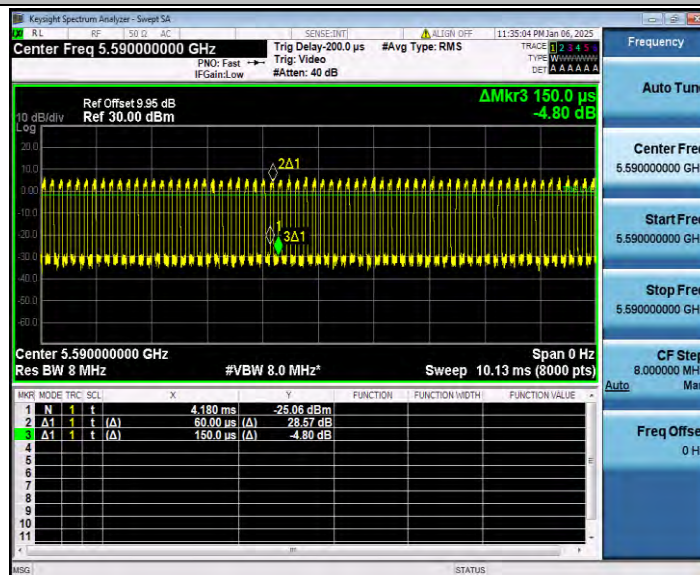
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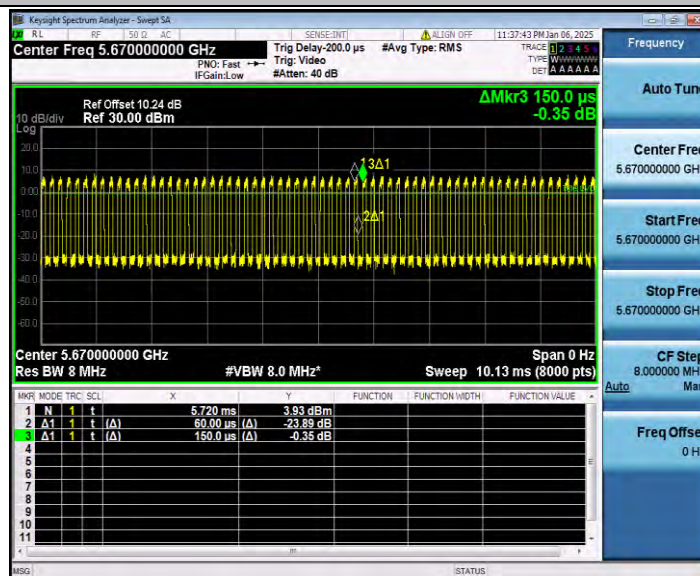
11AC40SISO_Ant0_5510

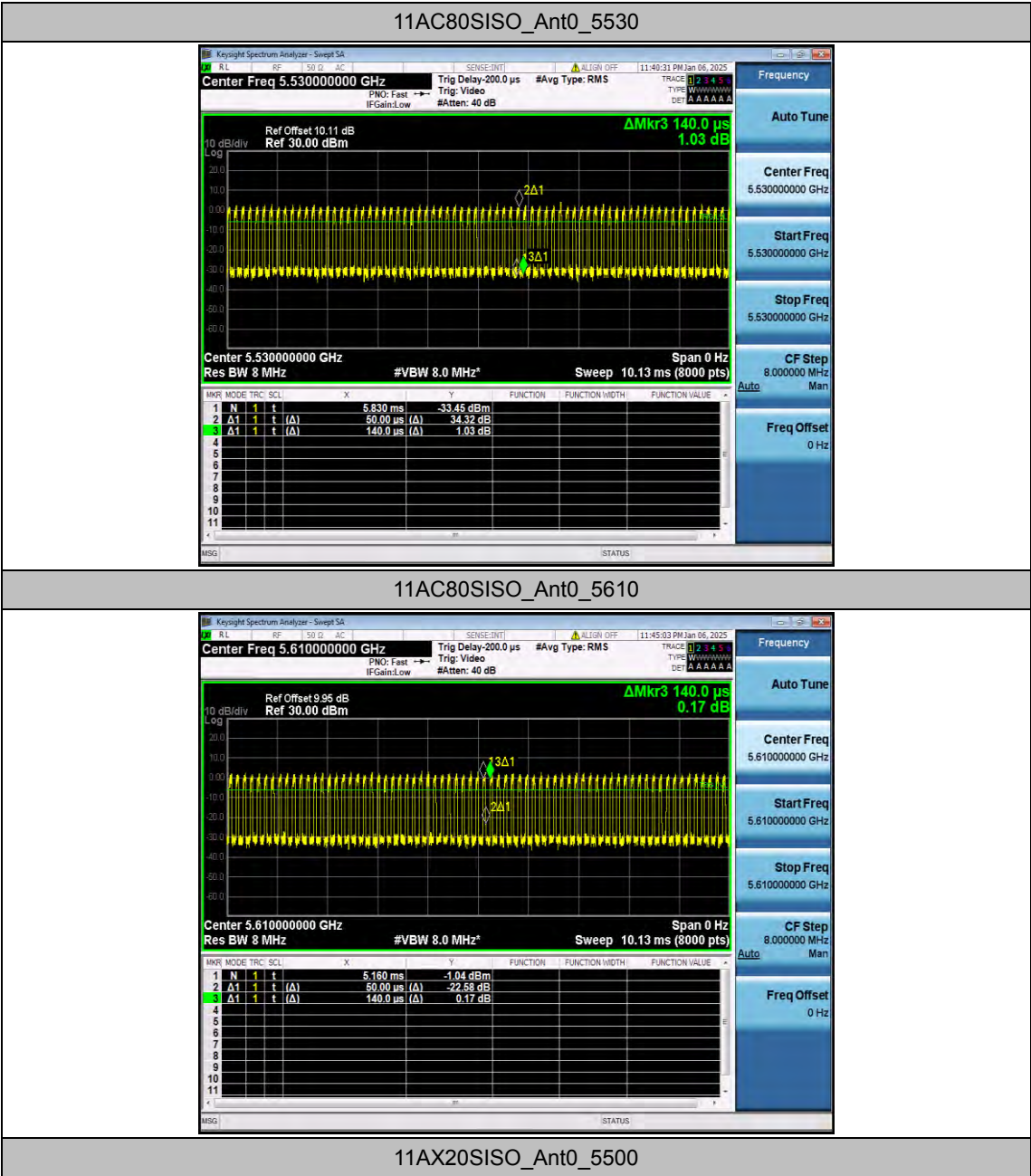


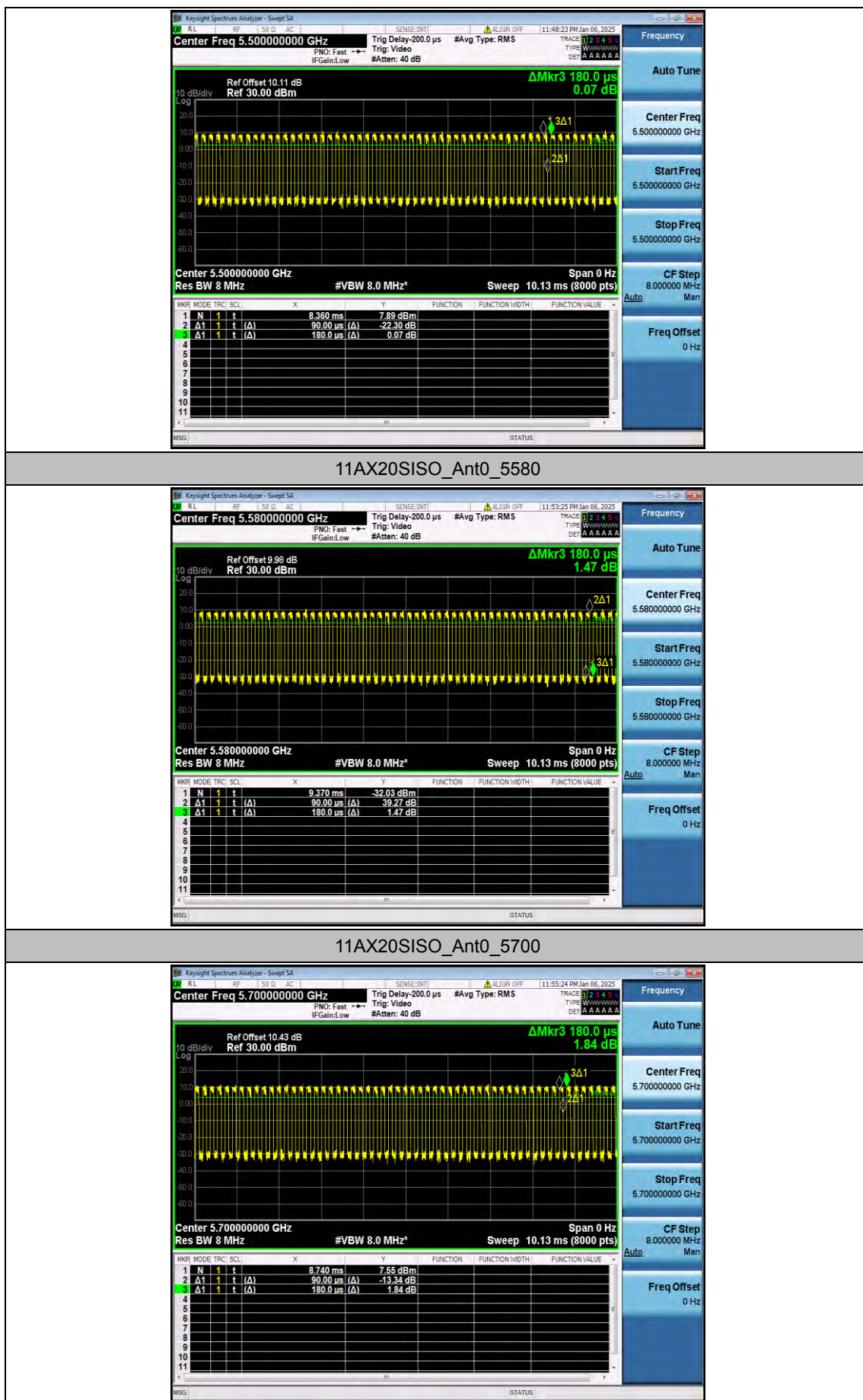
11AC40SISO_Ant0_5590



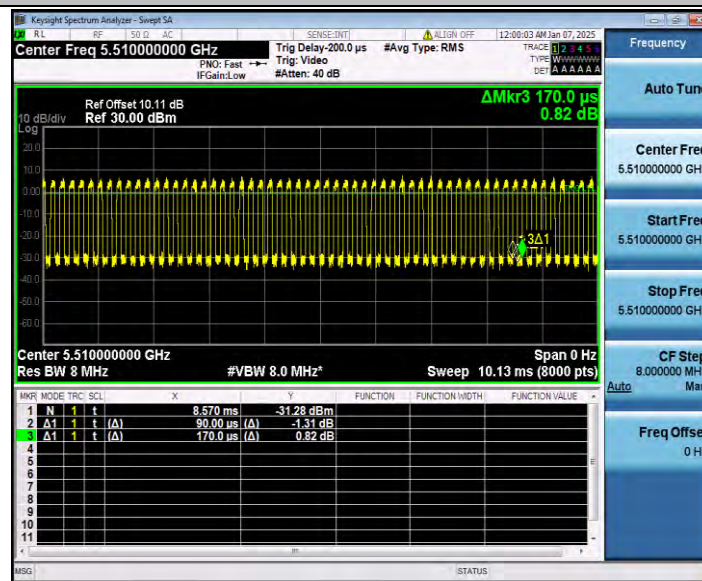
11AC40SISO_Ant0_5670



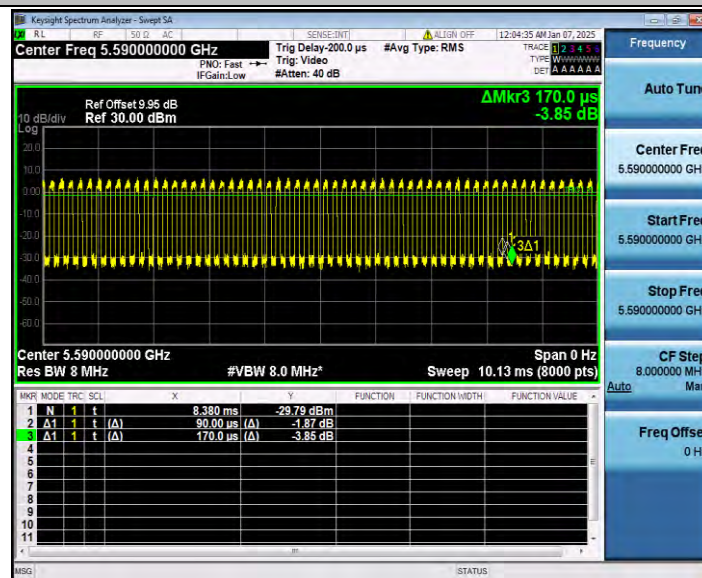




11AX40SISO_Ant0_5510



11AX40SISO_Ant0_5590



11AX40SISO_Ant0_5670

