

Case No. : <u>GTS20240604012-1-04</u>	
Ambient Condition: <u>23</u> °C, <u>51</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.1.2</u>	Test Engineer: <u>Evan ouyang</u>

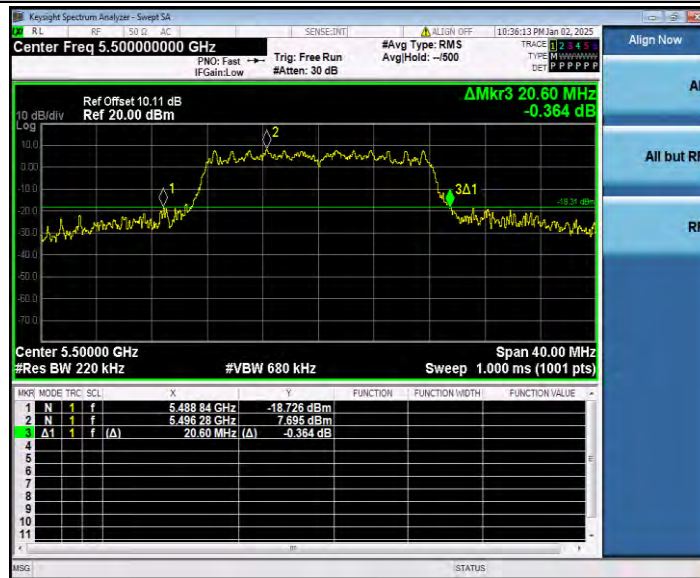
Appendix F.1: Emission Bandwidth

Test Result

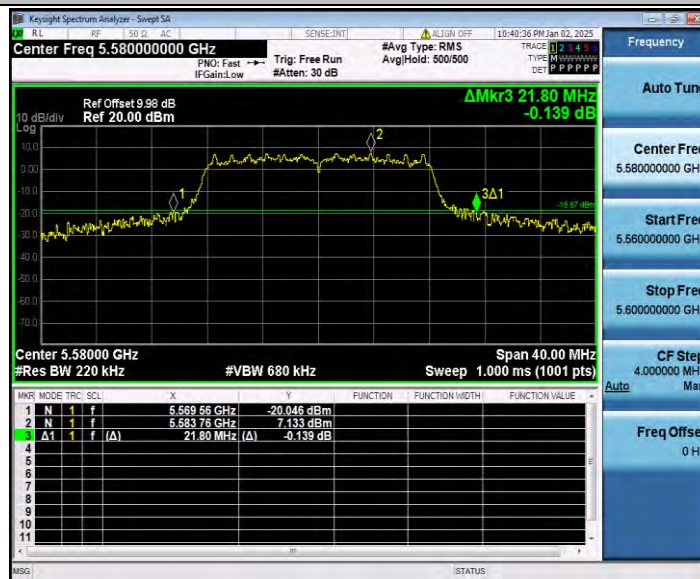
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	20.600	5488.840	5509.440	---	---
		5580	21.800	5569.560	5591.360	---	---
		5700	20.040	5690.480	5710.520	---	---
11N20SISO	Ant1	5500	20.360	5490.280	5510.640	---	---
		5580	21.320	5570.080	5591.400	---	---
		5700	23.760	5685.960	5709.720	---	---
11N40SISO	Ant1	5510	74.960	5472.640	5547.600	---	---
		5590	75.760	5552.400	5628.160	---	---
		5670	75.040	5632.480	5707.520	---	---
11AC20SISO	Ant1	5500	20.680	5489.000	5509.680	---	---
		5580	21.320	5570.320	5591.640	---	---
		5700	22.960	5688.640	5711.600	---	---
11AC40SISO	Ant1	5510	62.240	5483.280	5545.520	---	---
		5590	65.520	5560.400	5625.920	---	---
		5670	59.600	5646.000	5705.600	---	---
11AC80SISO	Ant1	5530	81.760	5489.520	5571.280	---	---
		5610	107.040	5544.080	5651.120	---	---
11AX20SISO	Ant1	5500	19.880	5490.080	5509.960	---	---
		5580	19.960	5570.040	5590.000	---	---
		5700	19.920	5690.080	5710.000	---	---
11AX40SISO	Ant1	5510	44.000	5490.400	5534.400	---	---
		5590	39.040	5570.480	5609.520	---	---
		5670	40.080	5649.760	5689.840	---	---
11AX80SISO	Ant1	5530	81.760	5489.360	5571.120	---	---
		5610	84.000	5567.760	5651.760	---	---

Test Graphs

11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



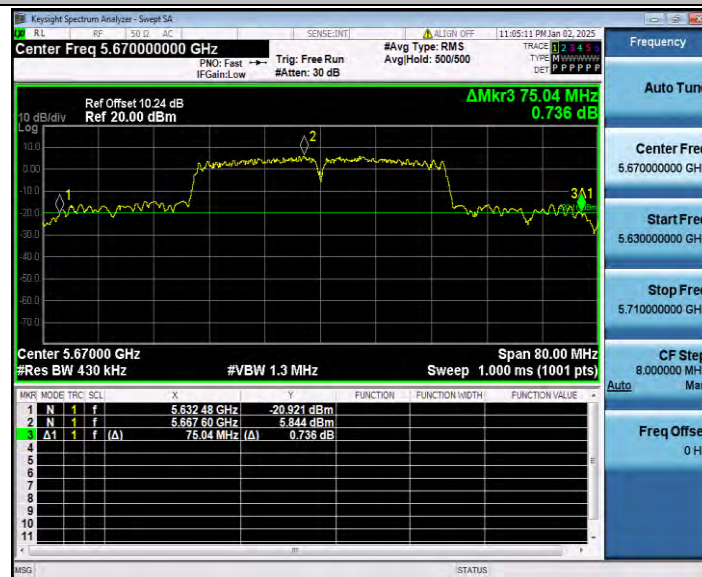
11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



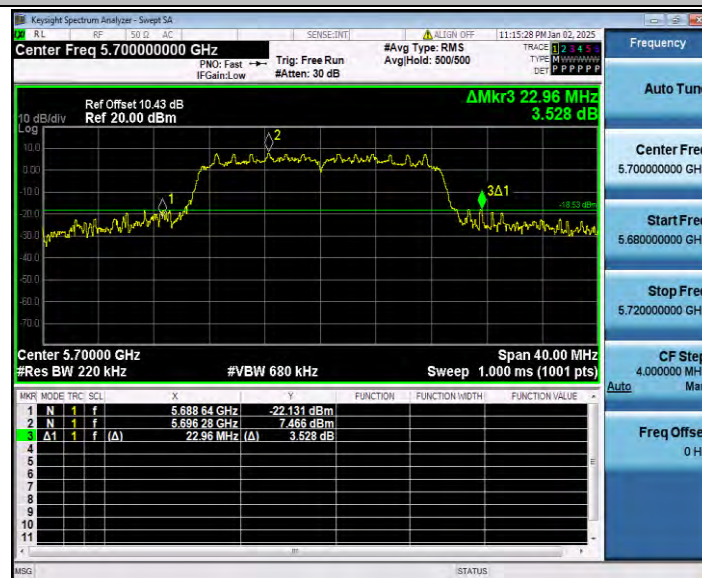
11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



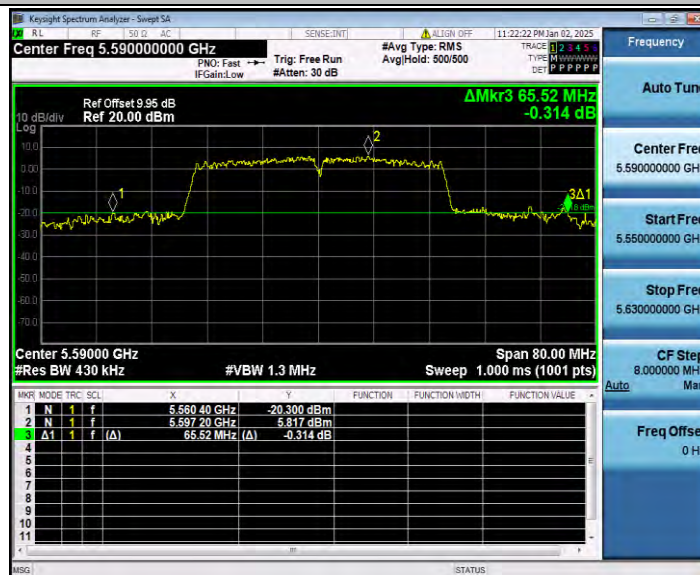
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11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



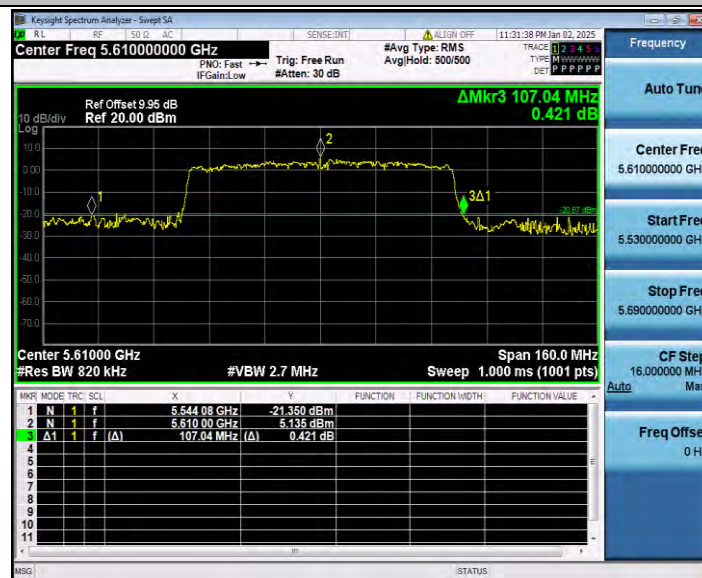
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



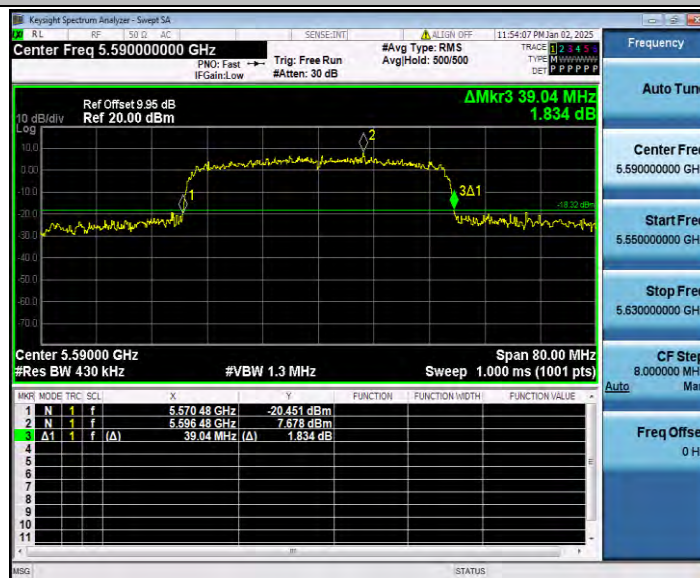
11AX20SISO_Ant1_5700



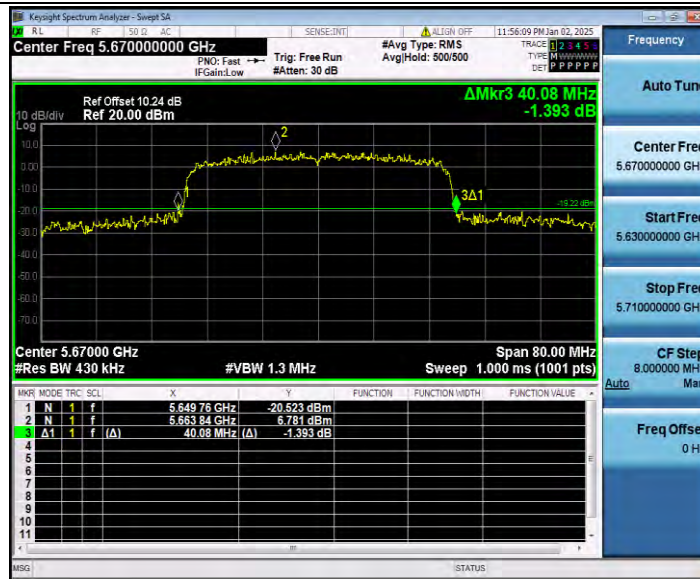
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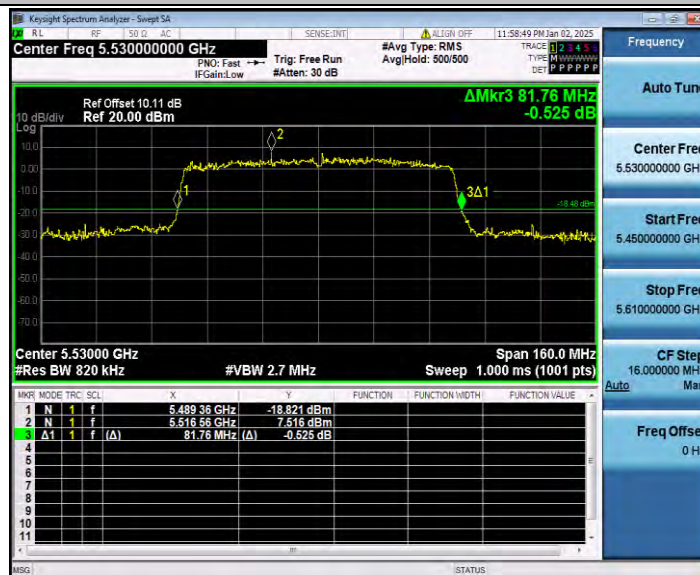
11AX40SISO_Ant1_5590



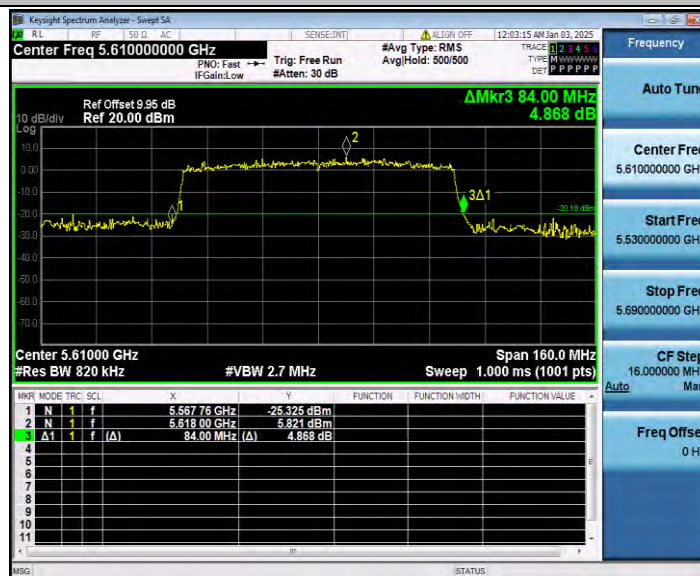
11AX40SISO_Ant1_5670



11AX80ISO_Ant1_5530



11AX80ISO_Ant1_5610

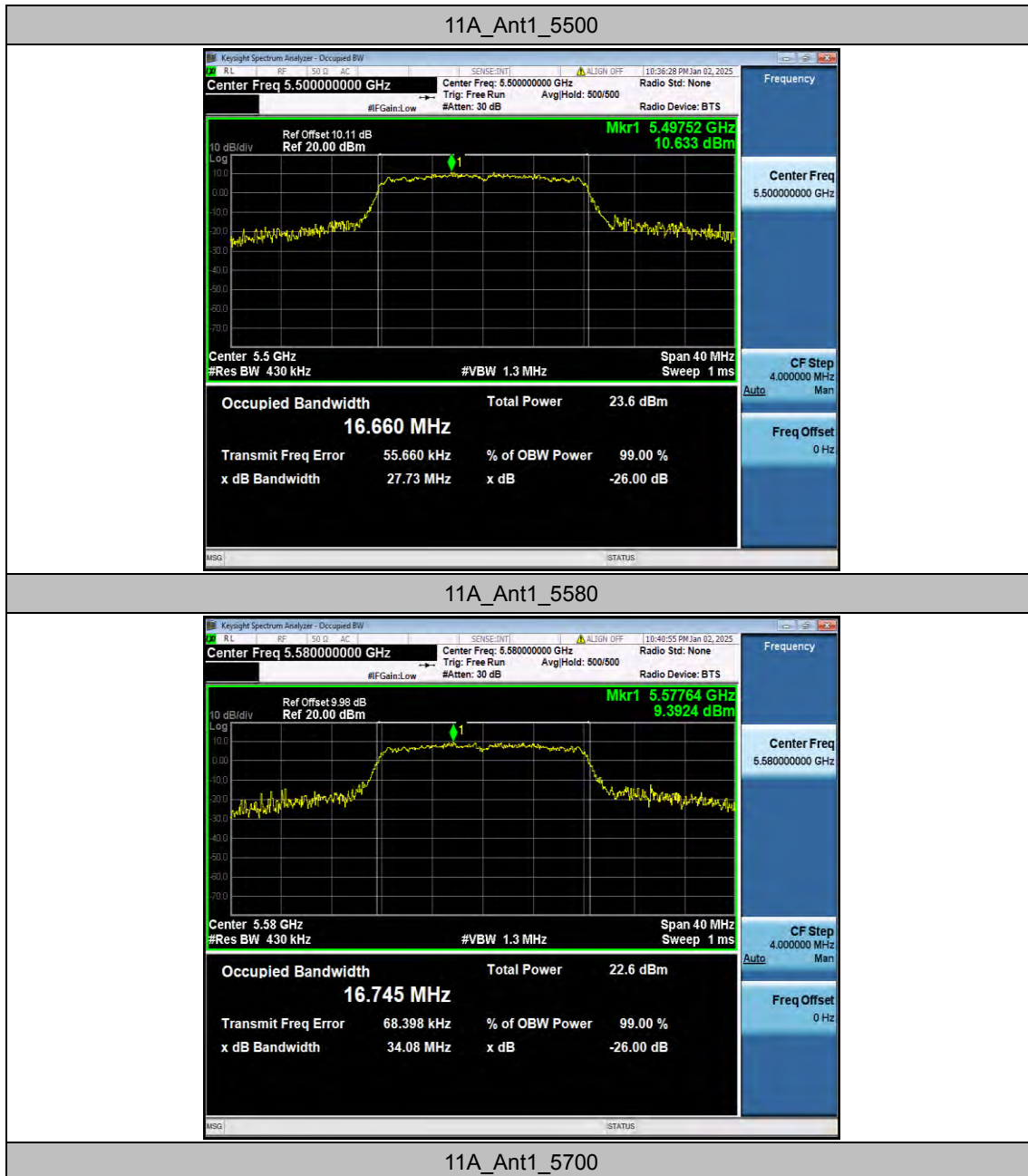


Appendix F.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5500	16.660	5491.7257	5508.3857	---	---
		5580	16.745	5571.6959	5588.4409	---	---
		5700	16.702	5691.6590	5708.3610	---	---
11N20SISO	Ant1	5500	17.654	5491.2015	5508.8555	---	---
		5580	17.702	5571.2233	5588.9253	---	---
		5700	17.696	5691.1625	5708.8585	---	---
11N40SISO	Ant1	5510	38.019	5490.9003	5528.9193	---	---
		5590	43.094	5566.7769	5609.8709	---	---
		5670	40.016	5648.6055	5688.6215	---	---
11AC20SISO	Ant1	5500	17.586	5491.2049	5508.7909	---	---
		5580	17.600	5571.2703	5588.8703	---	---
		5700	17.562	5691.2208	5708.7828	---	---
11AC40SISO	Ant1	5510	36.107	5492.1862	5528.2932	---	---
		5590	36.325	5572.0913	5608.4163	---	---
		5670	36.162	5652.1692	5688.3312	---	---
11AC80SISO	Ant1	5530	75.639	5492.4518	5568.0908	---	---
		5610	75.981	5572.2753	5648.2563	---	---
11AX20SISO	Ant1	5500	18.366	5490.8223	5509.1883	---	---
		5580	18.372	5570.8384	5589.2104	---	---
		5700	18.409	5690.8022	5709.2112	---	---
11AX40SISO	Ant1	5510	36.743	5491.6669	5528.4099	---	---
		5590	36.841	5571.7235	5608.5645	---	---
		5670	36.687	5651.7744	5688.4614	---	---
11AX80SISO	Ant1	5530	77.025	5491.5169	5568.5419	---	---
		5610	77.445	5571.3580	5648.8030	---	---

Test Graphs





11N20SISO_Ant1_5500



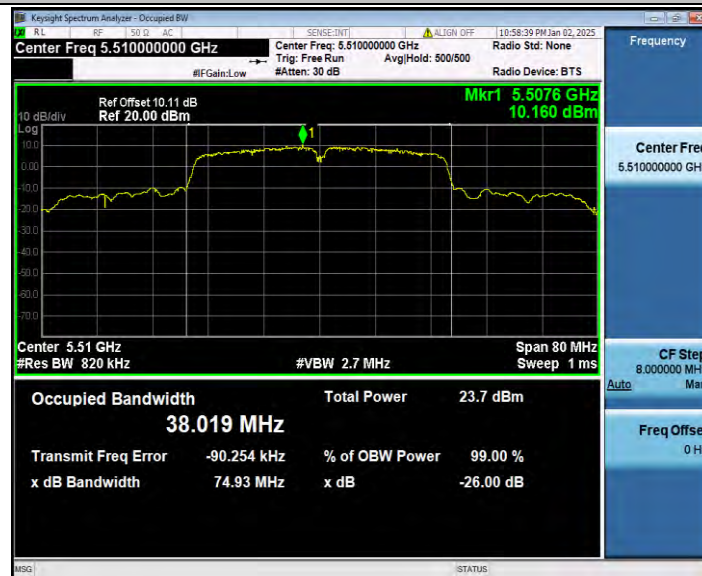
11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



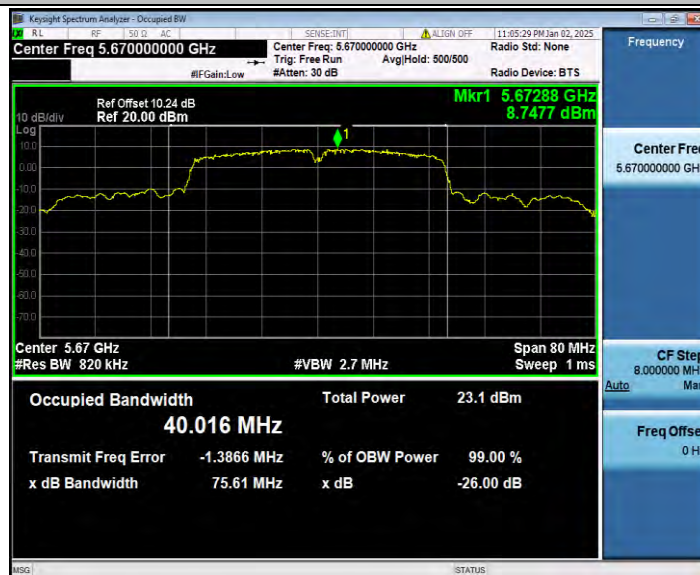
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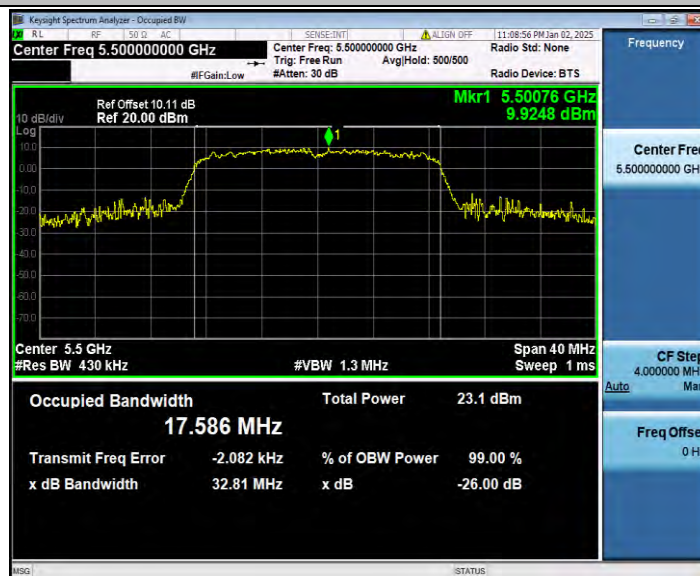
11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



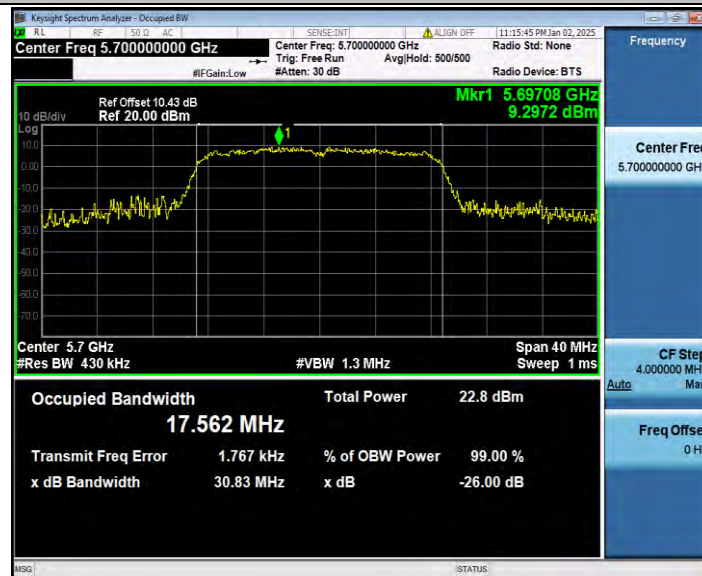
11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



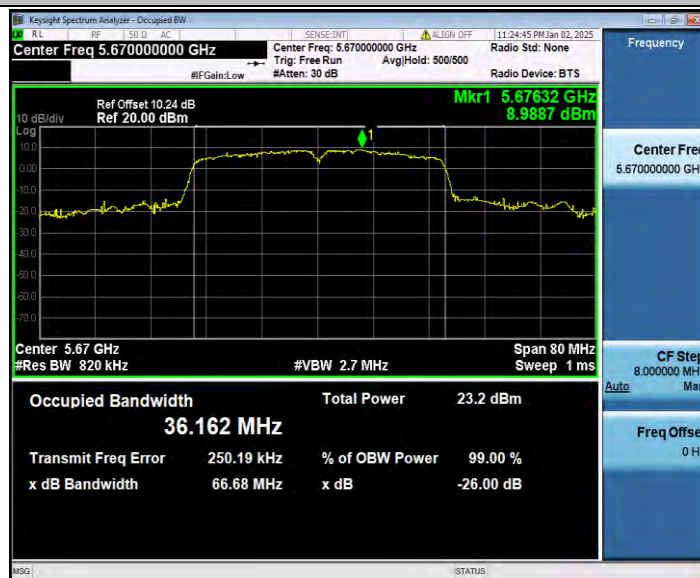
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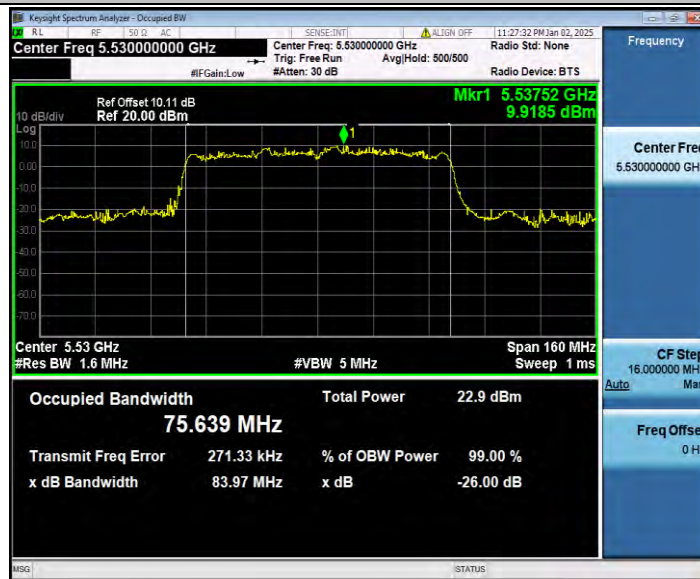
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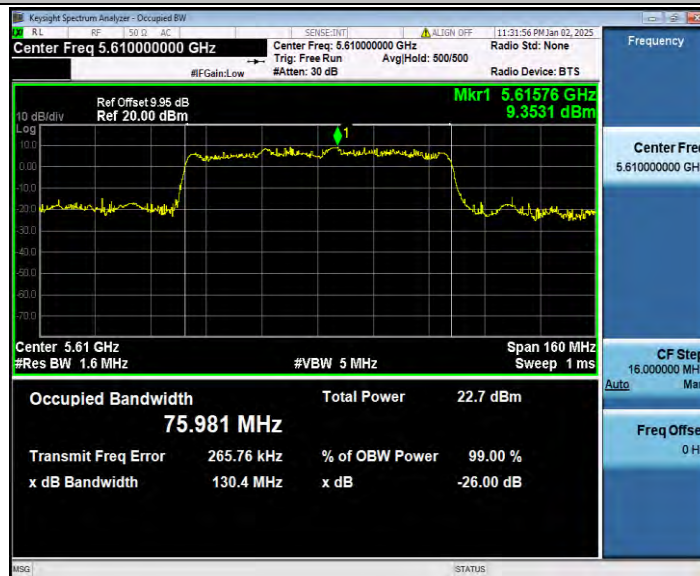
11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



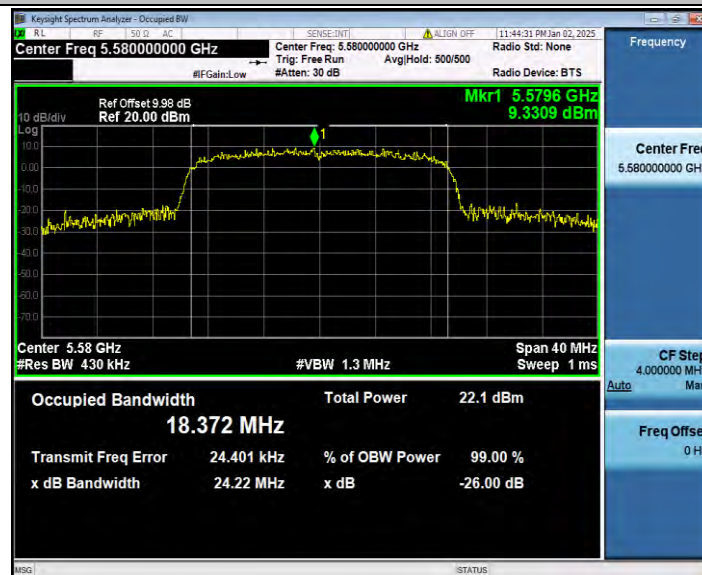
11AC80SISO_Ant1_5610



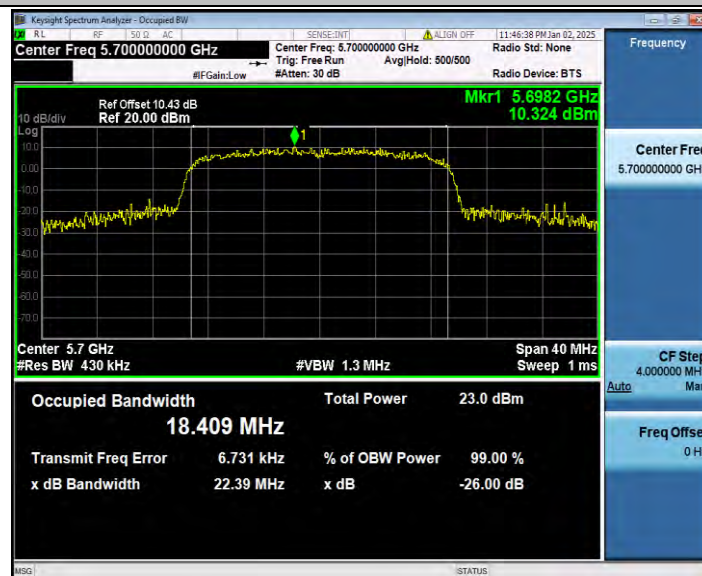
11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



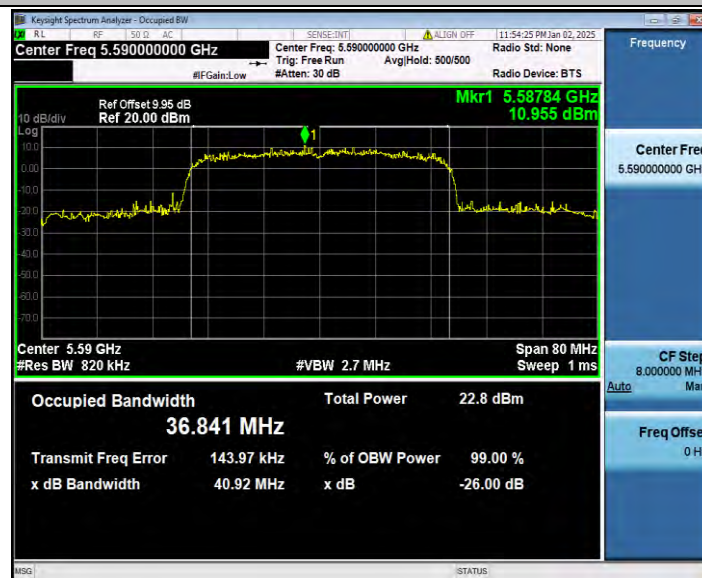
11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



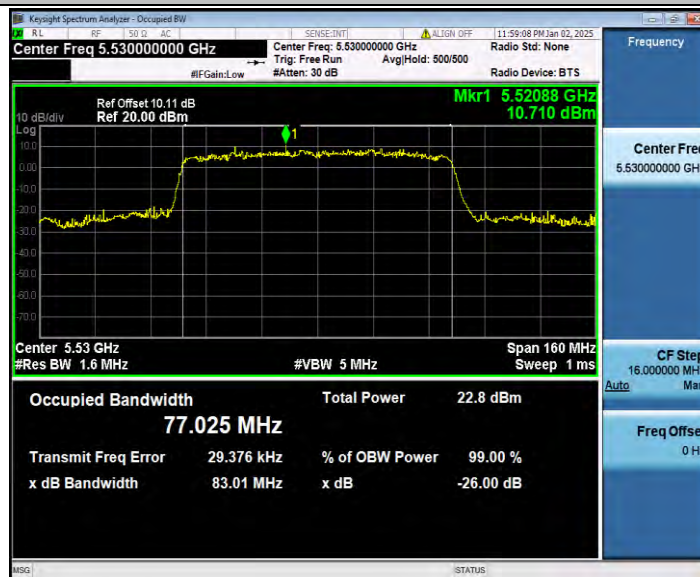
11AX40SISO_Ant1_5590



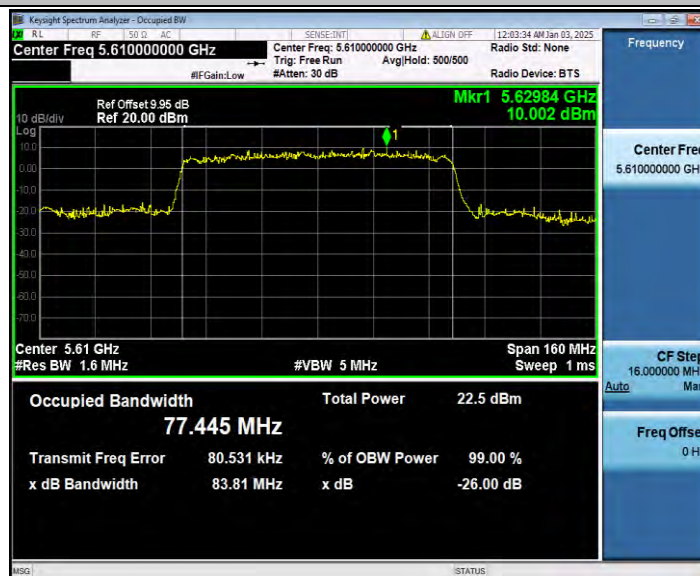
11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

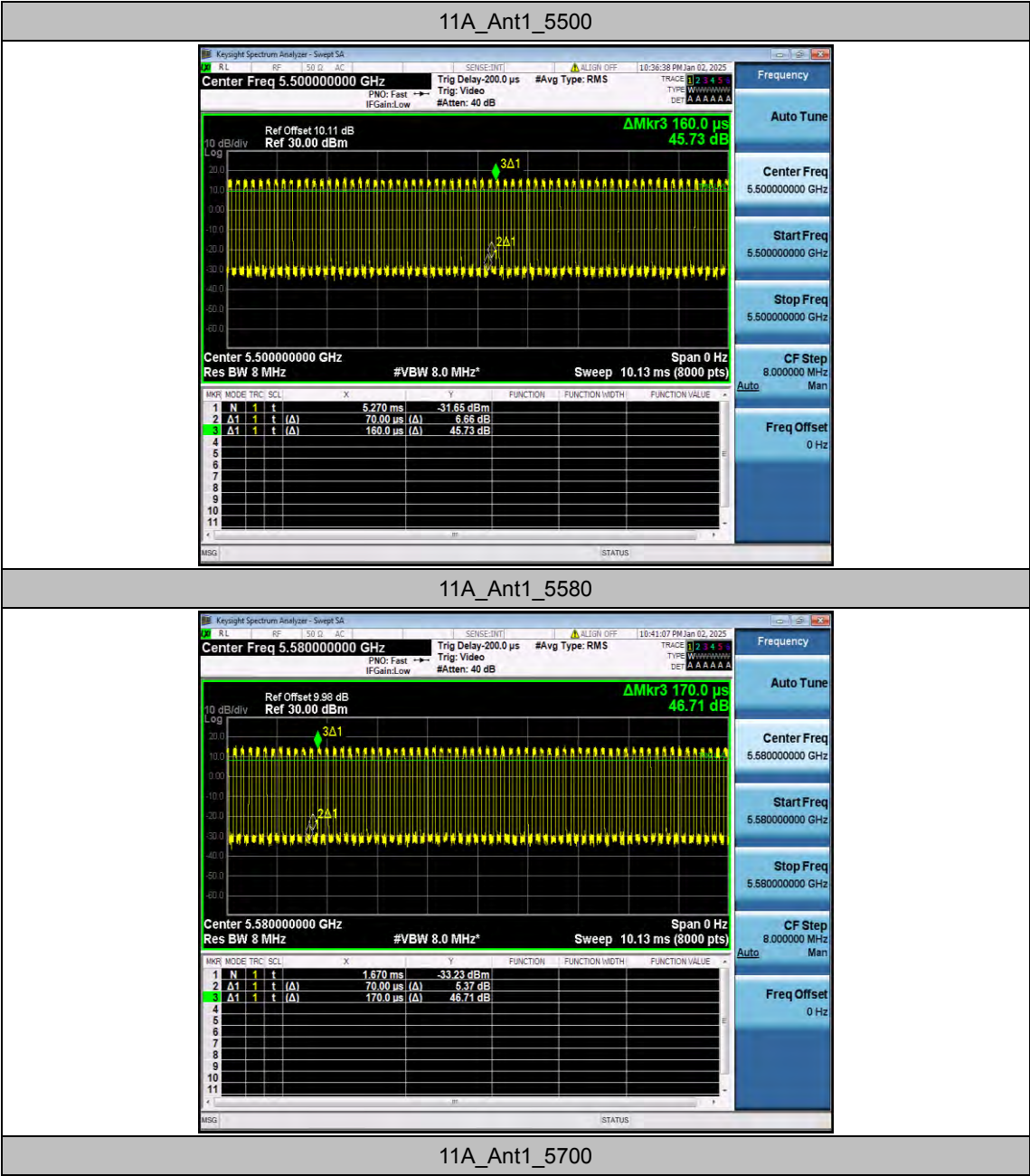


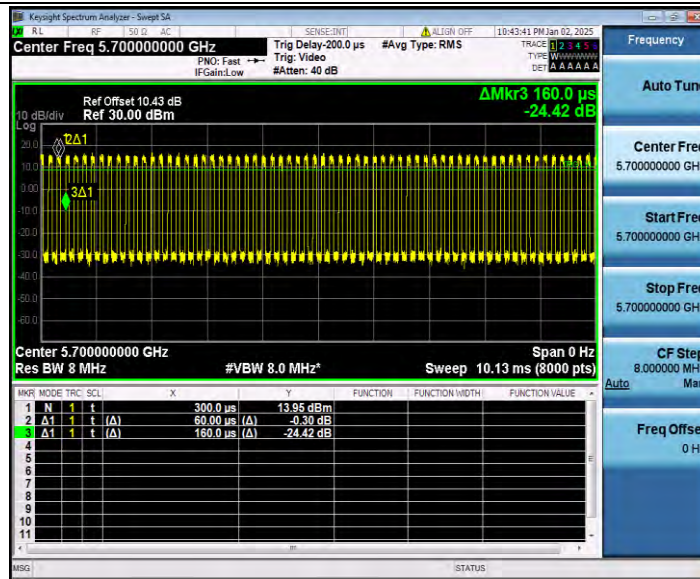
Appendix F.3: Duty Cycle

Test Result

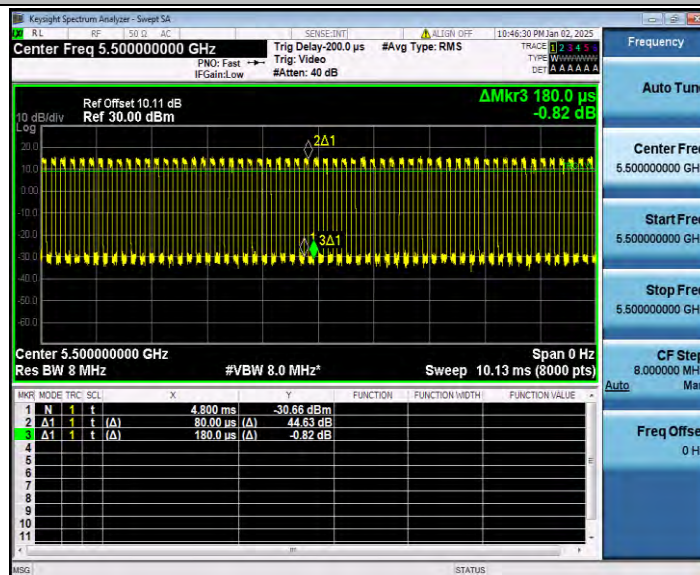
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5500	0.07	0.16	43.75	3.59	14.29
		5580	0.07	0.17	41.18	3.85	14.29
		5700	0.06	0.16	37.50	4.26	16.67
11N20SISO	Ant1	5500	0.08	0.18	44.44	3.52	12.50
		5580	0.08	0.18	44.44	3.52	12.50
		5700	0.08	0.18	44.44	3.52	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	0.06	0.15	40.00	3.98	16.67
11AC20SISO	Ant1	5500	0.08	0.18	44.44	3.52	12.50
		5580	0.09	0.19	47.37	3.24	11.11
		5700	0.09	0.19	47.37	3.24	11.11
11AC40SISO	Ant1	5510	0.06	0.15	40.00	3.98	16.67
		5590	0.06	0.15	40.00	3.98	16.67
		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	0.18	44.44	3.52	12.50
		5580	0.09	0.18	50.00	3.01	11.11
		5700	0.09	0.19	47.37	3.24	11.11
11AX40SISO	Ant1	5510	0.08	0.17	47.06	3.27	12.50
		5590	0.08	0.17	47.06	3.27	12.50
		5670	0.08	0.18	44.44	3.52	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

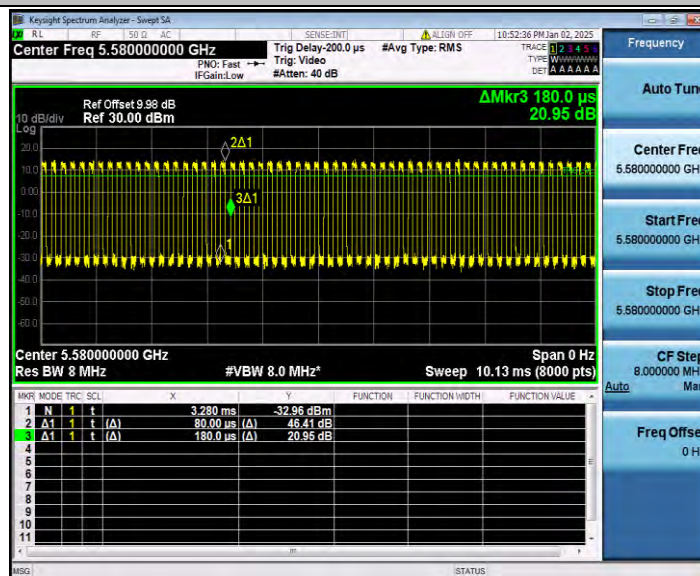




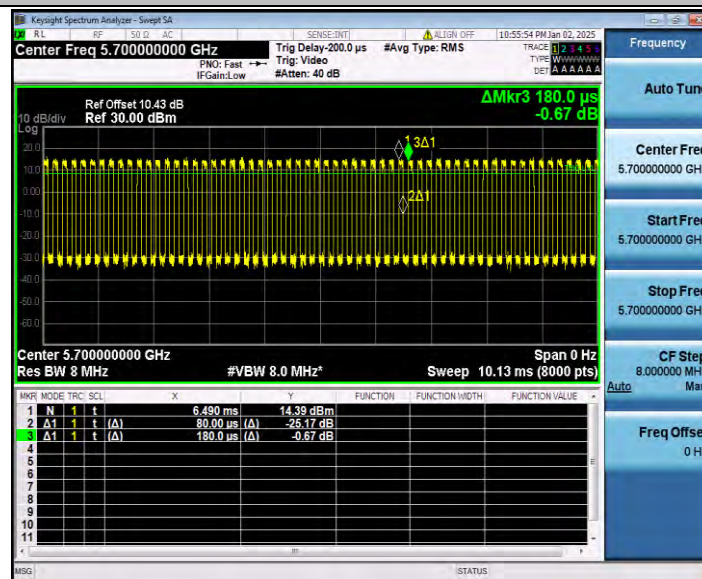
11N20SISO_Ant1_5500



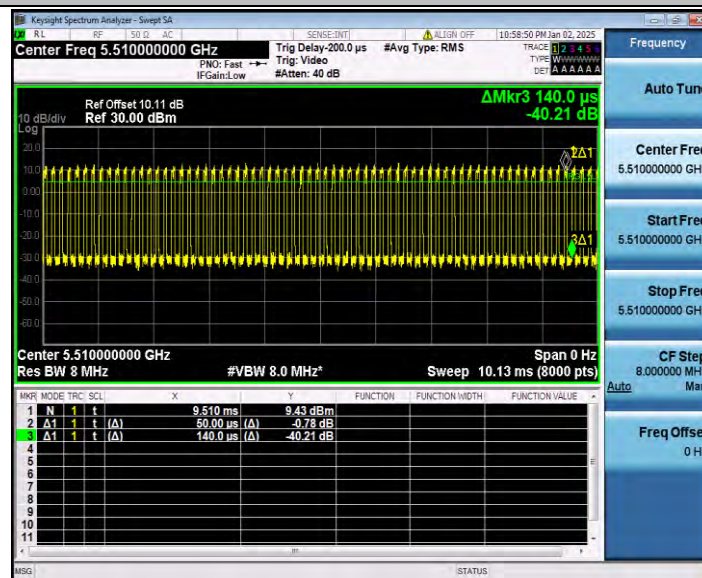
11N20SISO_Ant1_5580



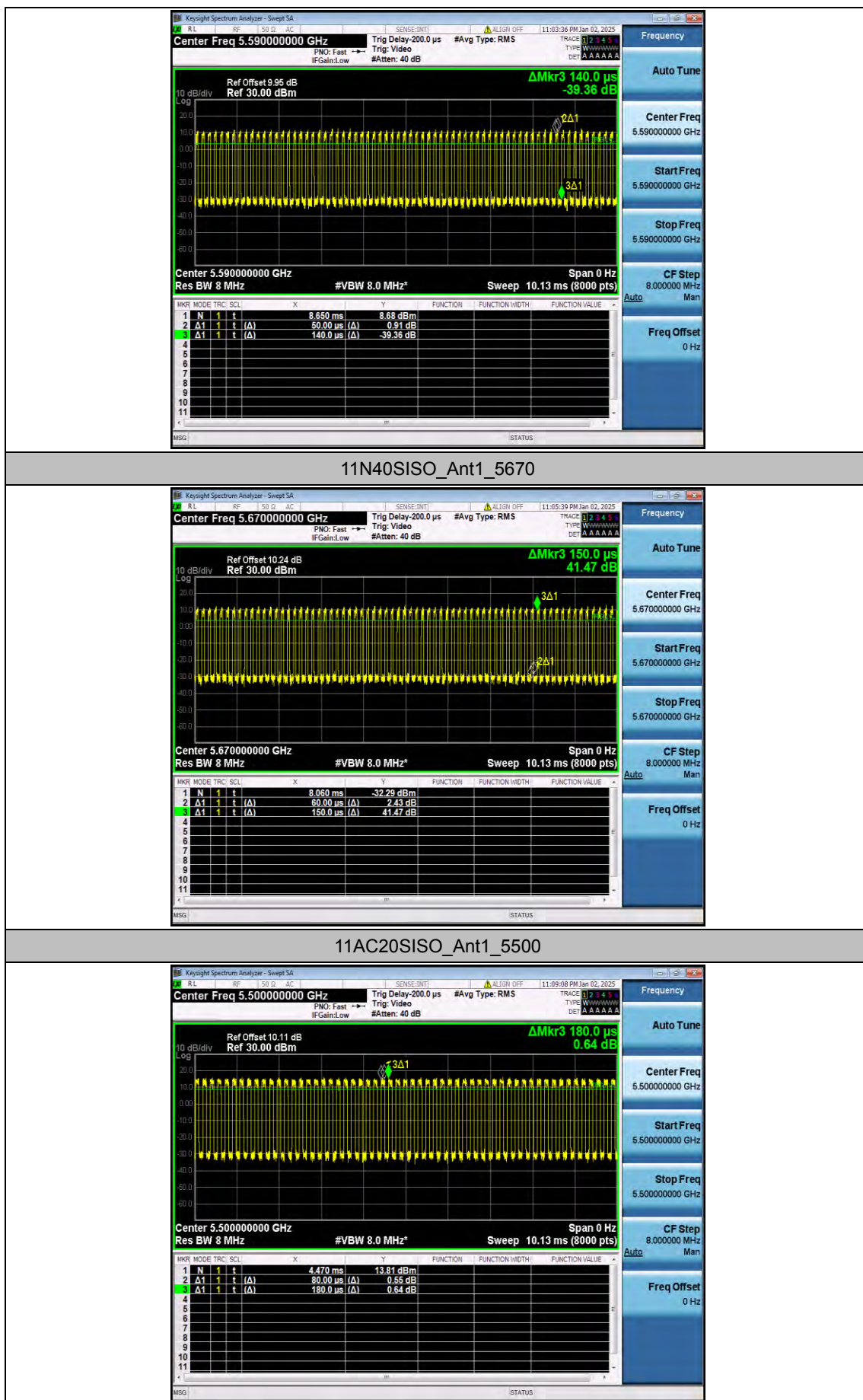
11N20SISO_Ant1_5700



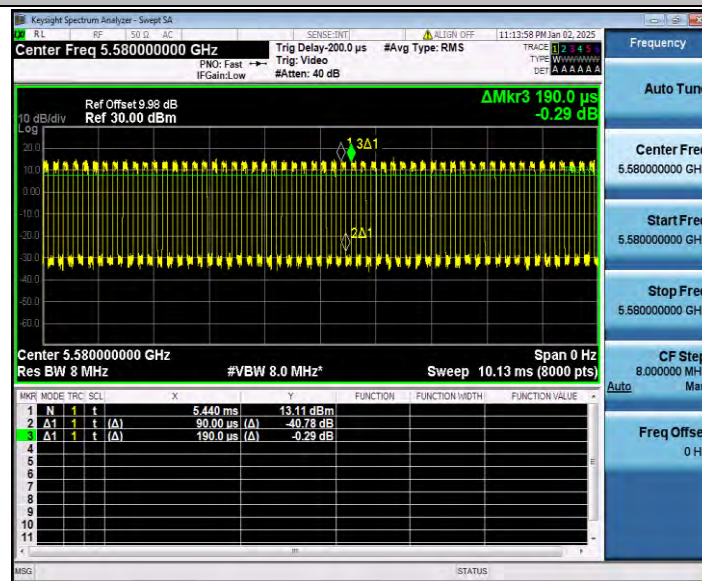
11N40SISO_Ant1_5510



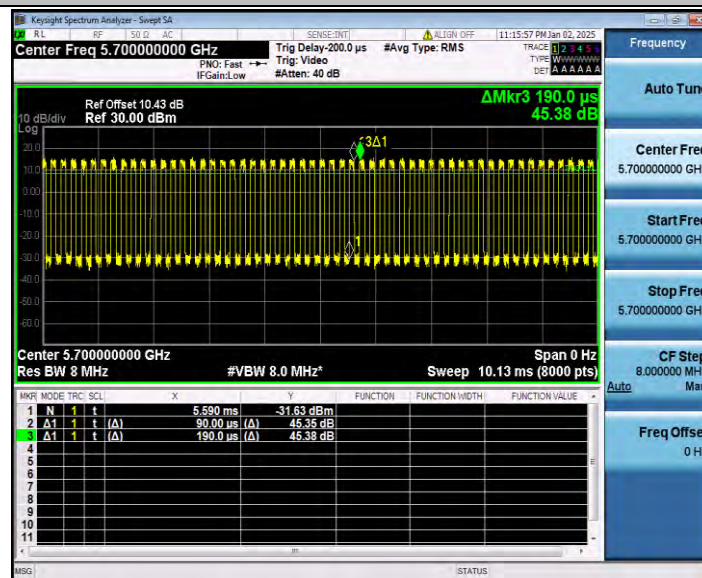
11N40SISO_Ant1_5590



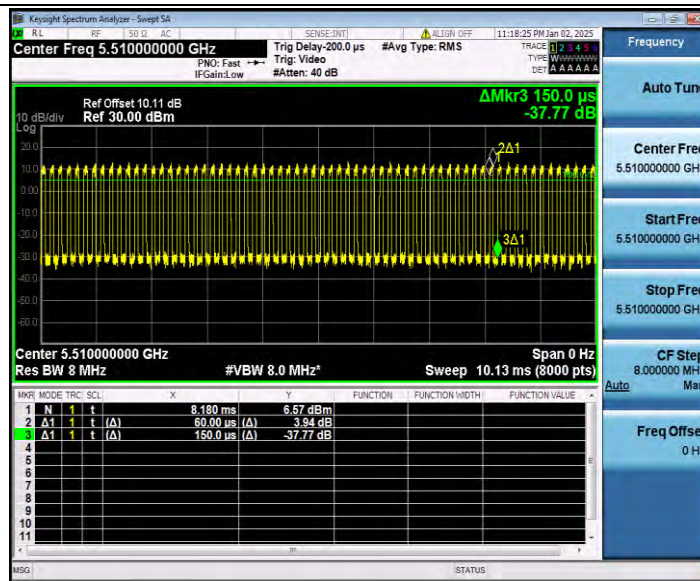
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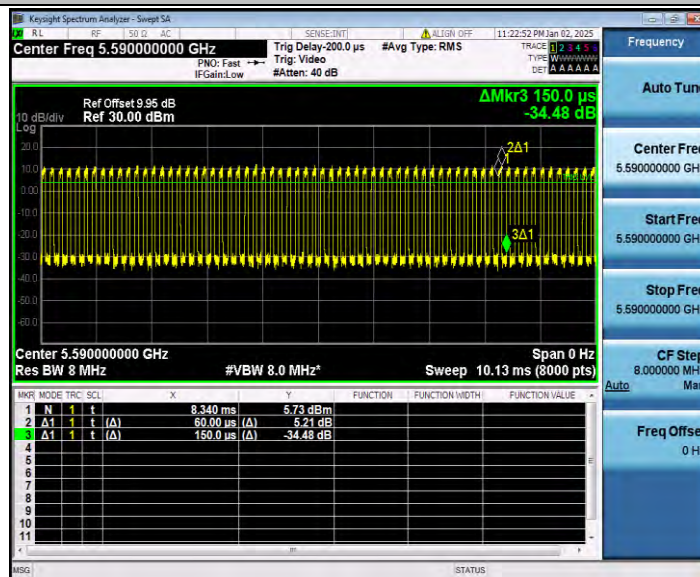
11AC20SISO_Ant1_5700



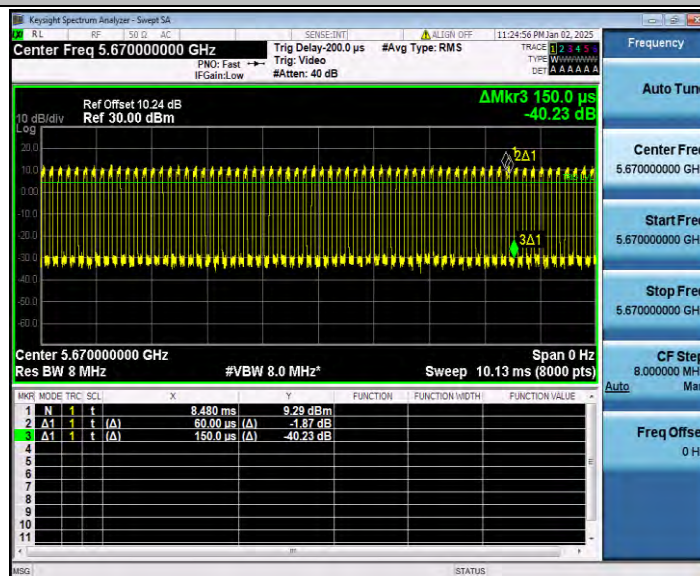
11AC40SISO_Ant1_5510



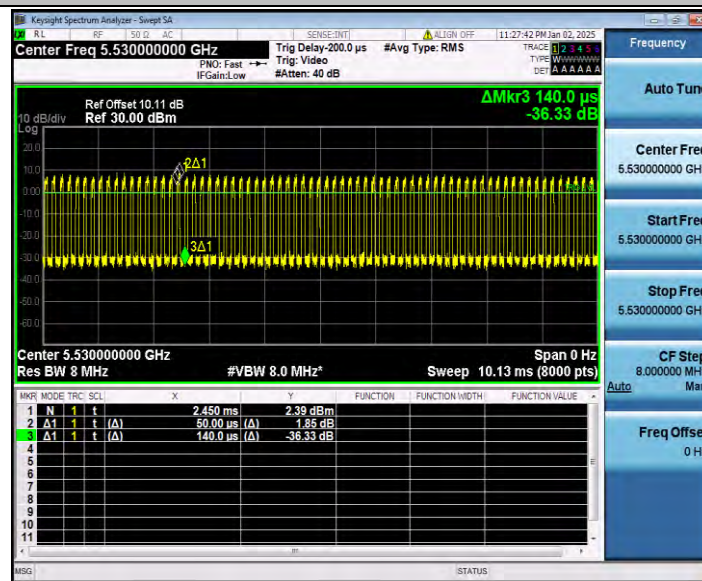
11AC40SISO_Ant1_5590



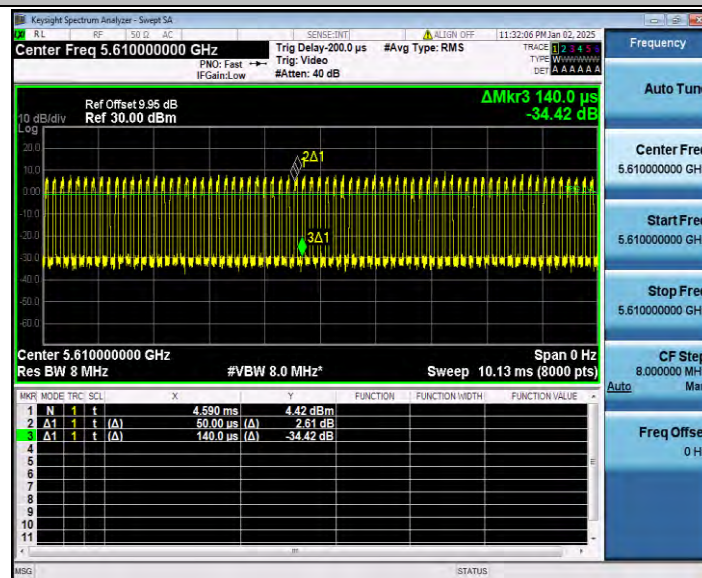
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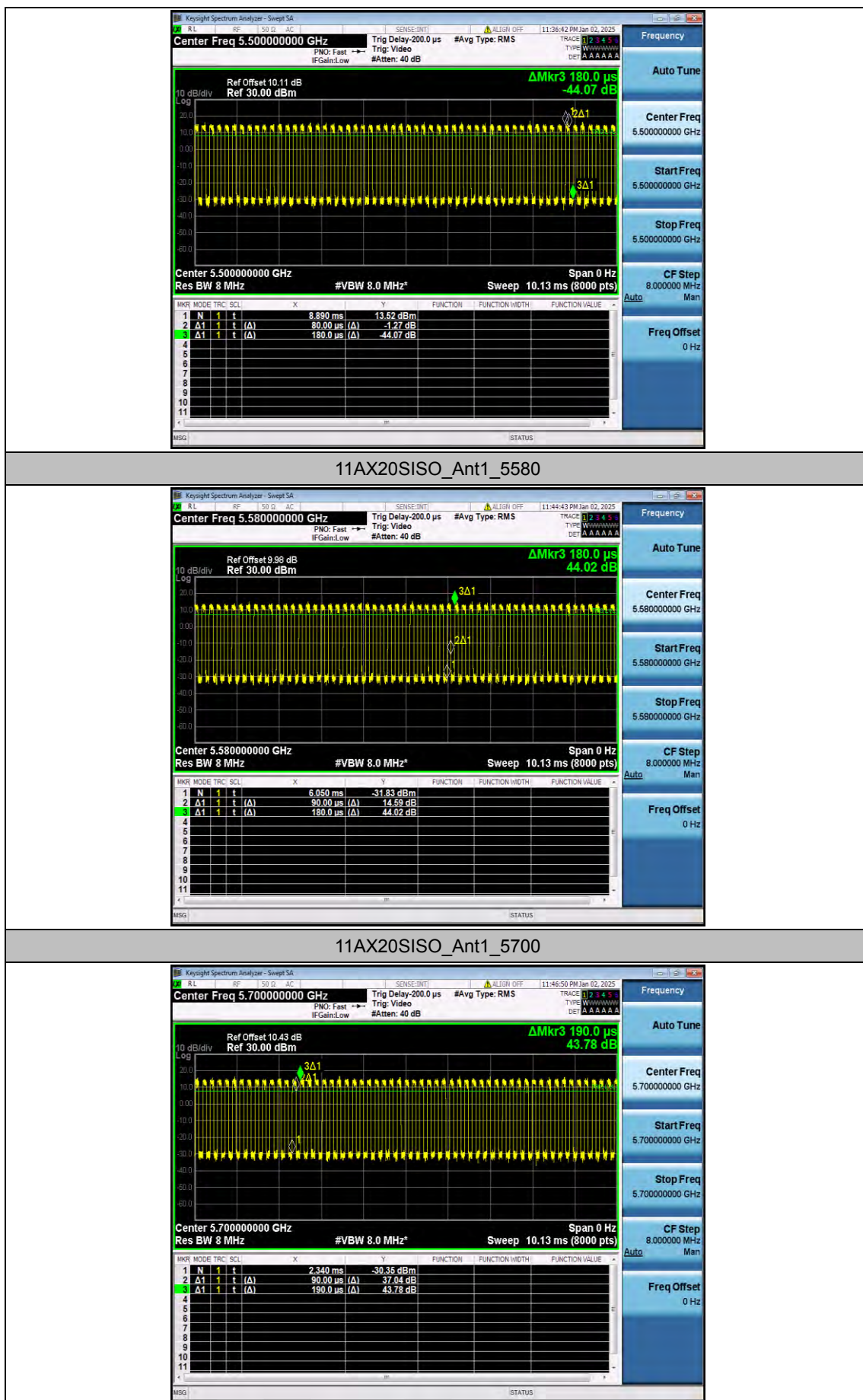
11AC80SISO_Ant1_5530



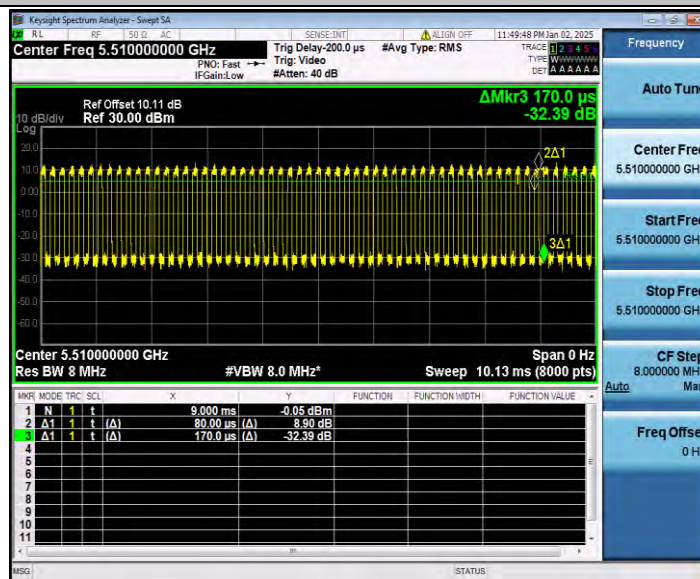
11AC80SISO_Ant1_5610



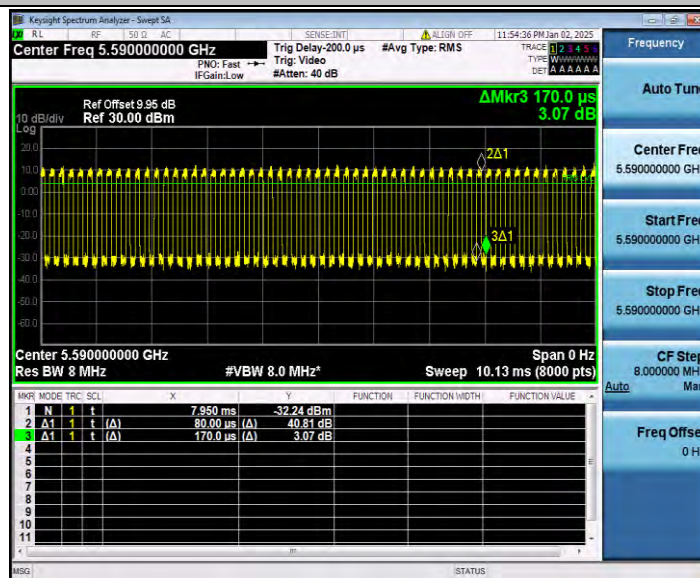
11AX20SISO_Ant1_5500



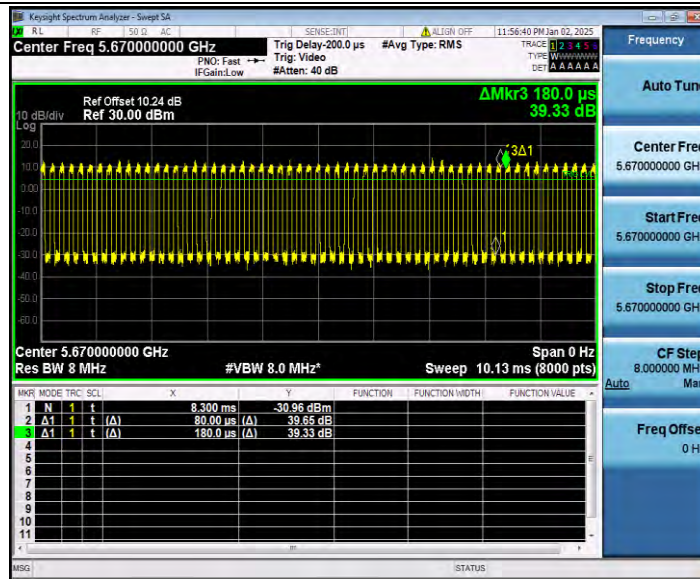
11AX40SISO_Ant1_5510



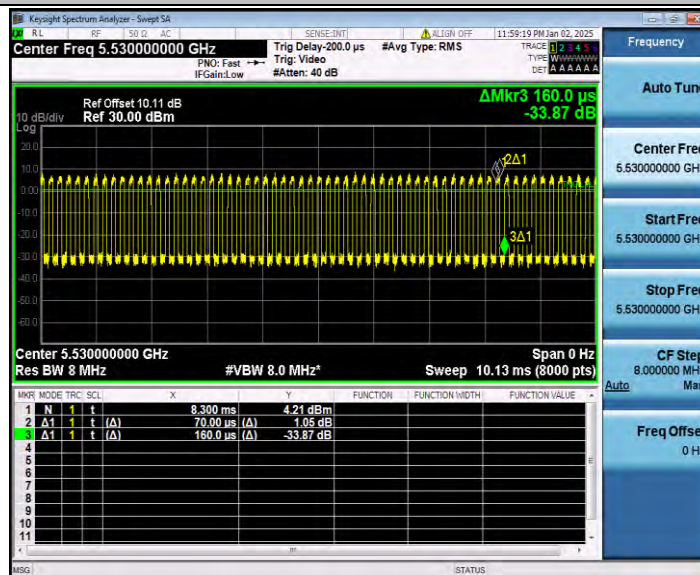
11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

