

Case No. : <u>GTS20231208004-1-52</u>	
Ambient Condition: <u>22</u> °C, <u>49</u> %RH	
According Standard: <u>■Part15E</u>	
Test Date: <u>2024.2.28</u>	Test Engineer: <u>Evan ouyang</u>

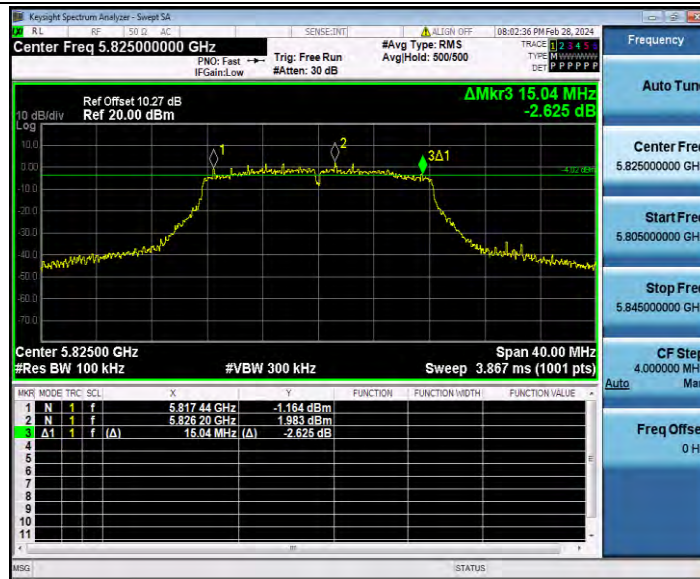
Appendix G.1: Min emission bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.680	5737.080	5752.760	0.5	PASS
		5785	15.040	5777.480	5792.520	0.5	PASS
		5825	15.040	5817.440	5832.480	0.5	PASS
11N20SISO	Ant1	5745	15.320	5737.520	5752.840	0.5	PASS
		5785	13.840	5778.680	5792.520	0.5	PASS
		5825	14.800	5817.720	5832.520	0.5	PASS
11N40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.040	5777.400	5812.440	0.5	PASS
11AC20SISO	Ant1	5745	15.040	5737.440	5752.480	0.5	PASS
		5785	15.080	5777.440	5792.520	0.5	PASS
		5825	15.080	5817.440	5832.520	0.5	PASS
11AC40SISO	Ant1	5755	33.760	5738.680	5772.440	0.5	PASS
		5795	34.640	5777.480	5812.120	0.5	PASS
11AX20SISO	Ant1	5745	15.200	5737.400	5752.600	0.5	PASS
		5785	14.840	5777.440	5792.280	0.5	PASS
		5825	15.560	5817.120	5832.680	0.5	PASS
11AX40SISO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	33.520	5779.880	5813.400	0.5	PASS

Test Graphs

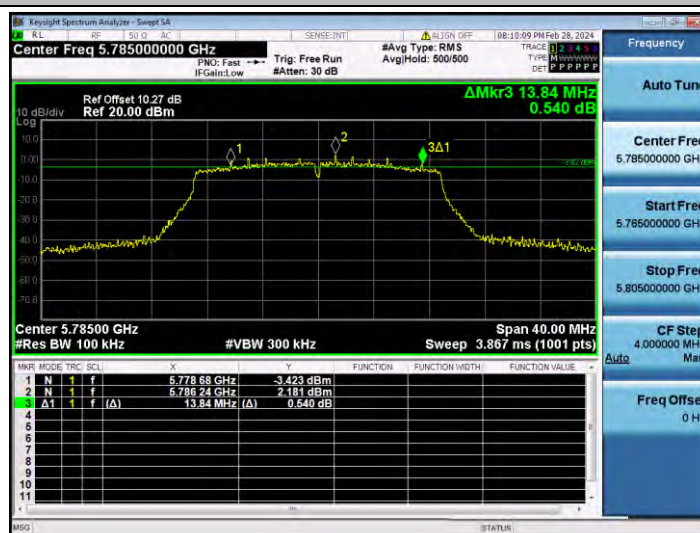




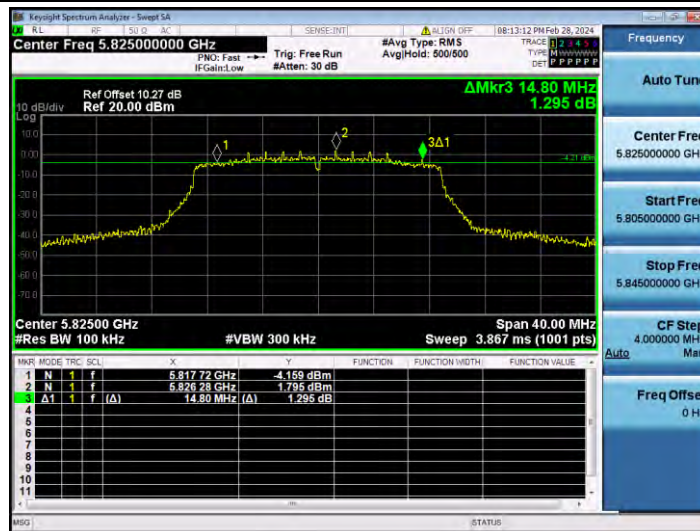
11N20SISO_Ant1_5745



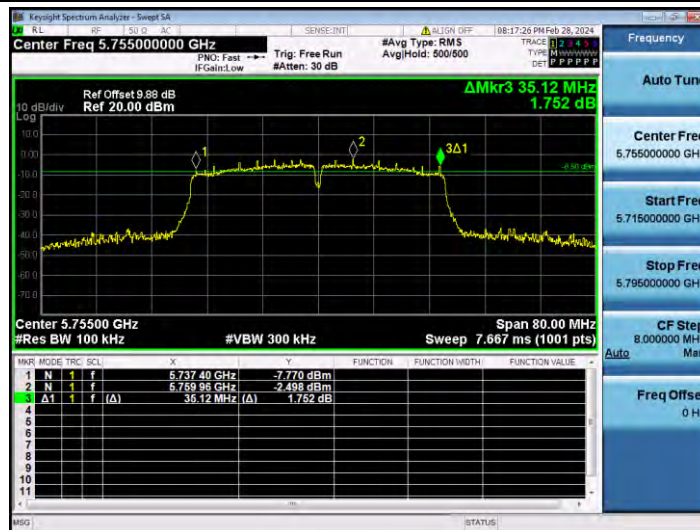
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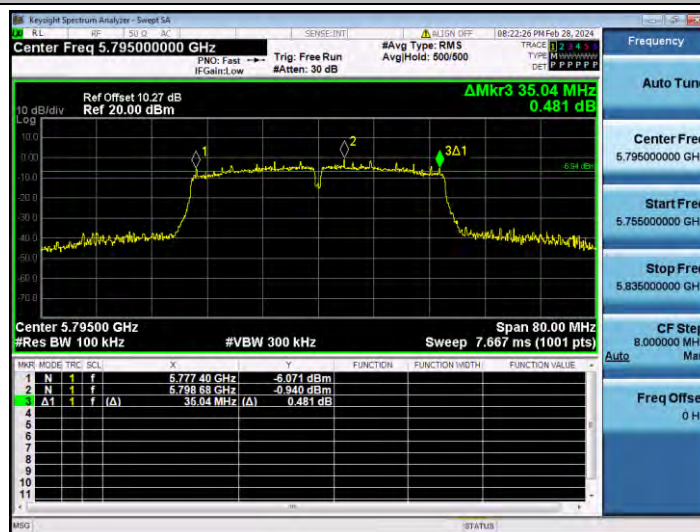
11N20SISO_Ant1_5825



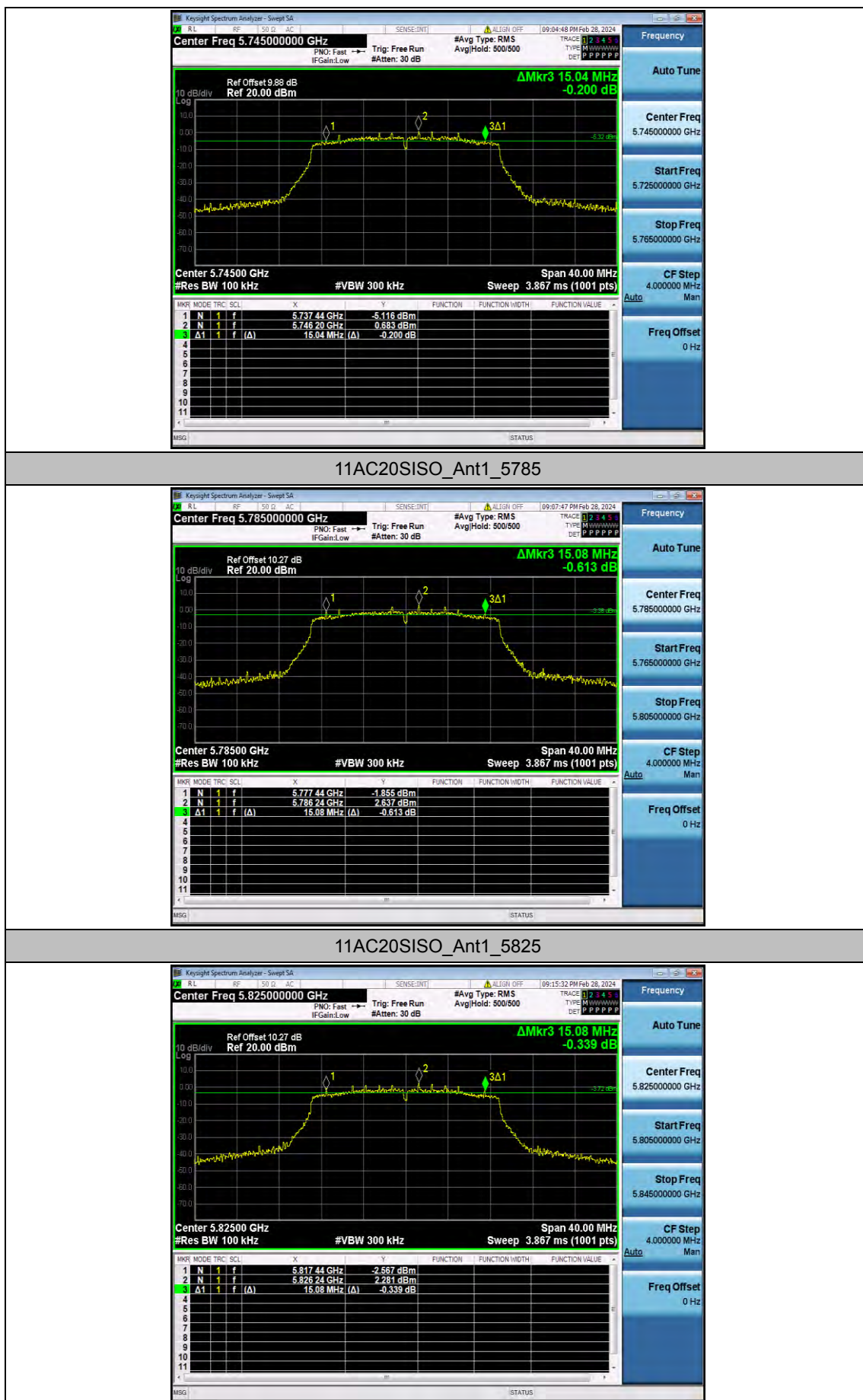
11N40SISO_Ant1_5755



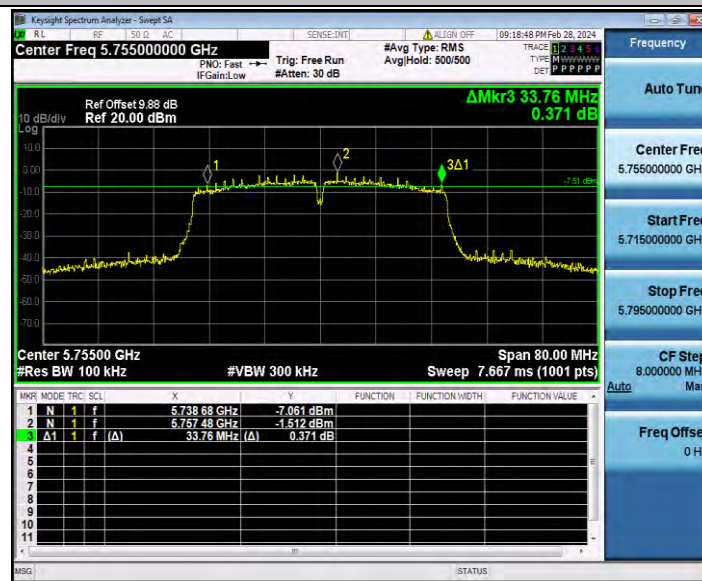
11N40SISO_Ant1_5795



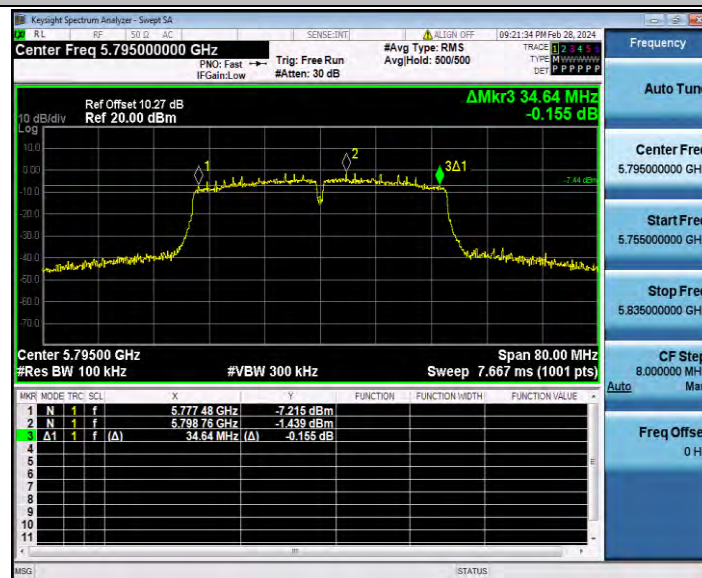
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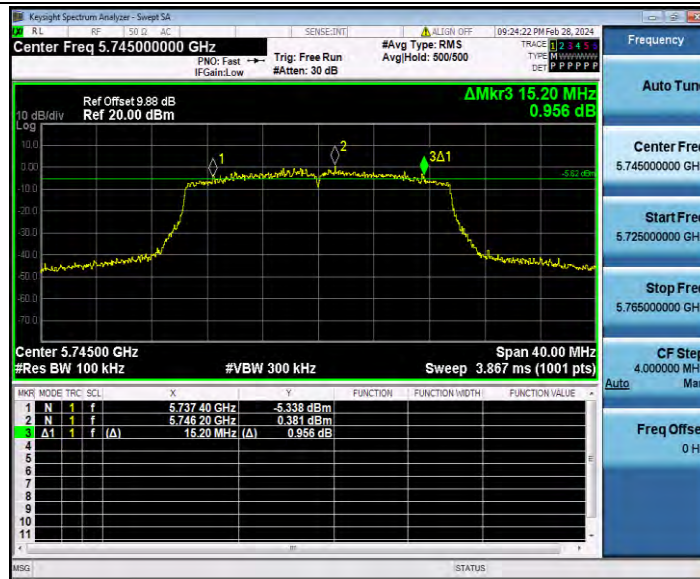
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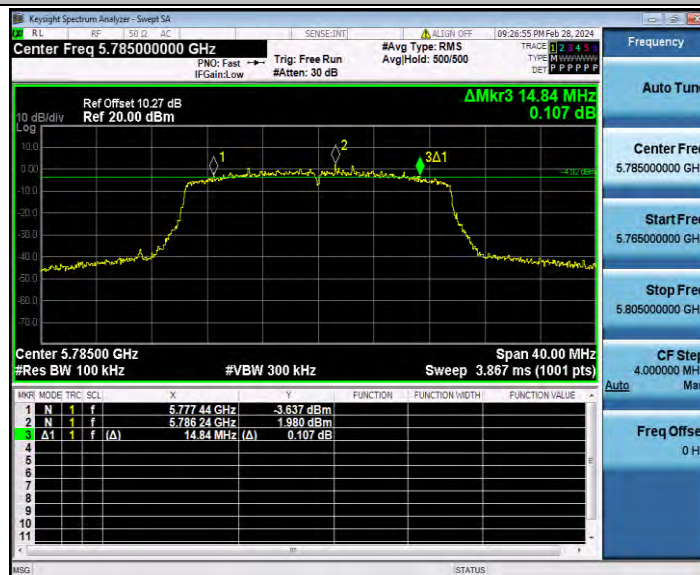
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



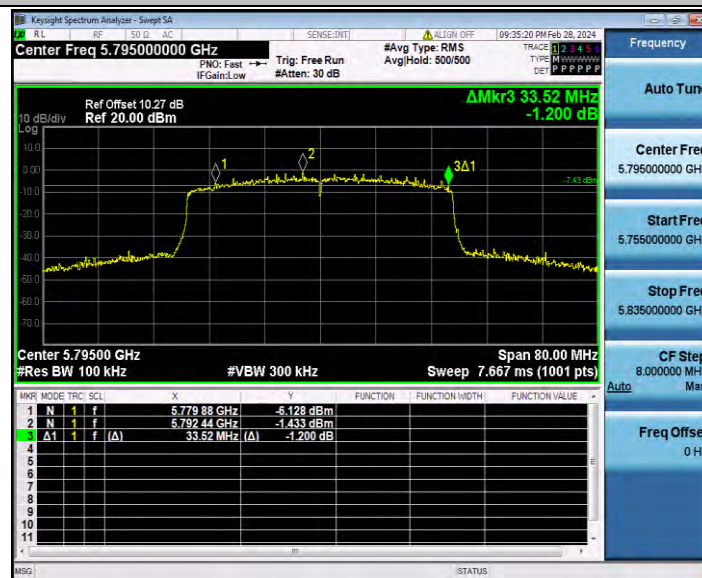
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

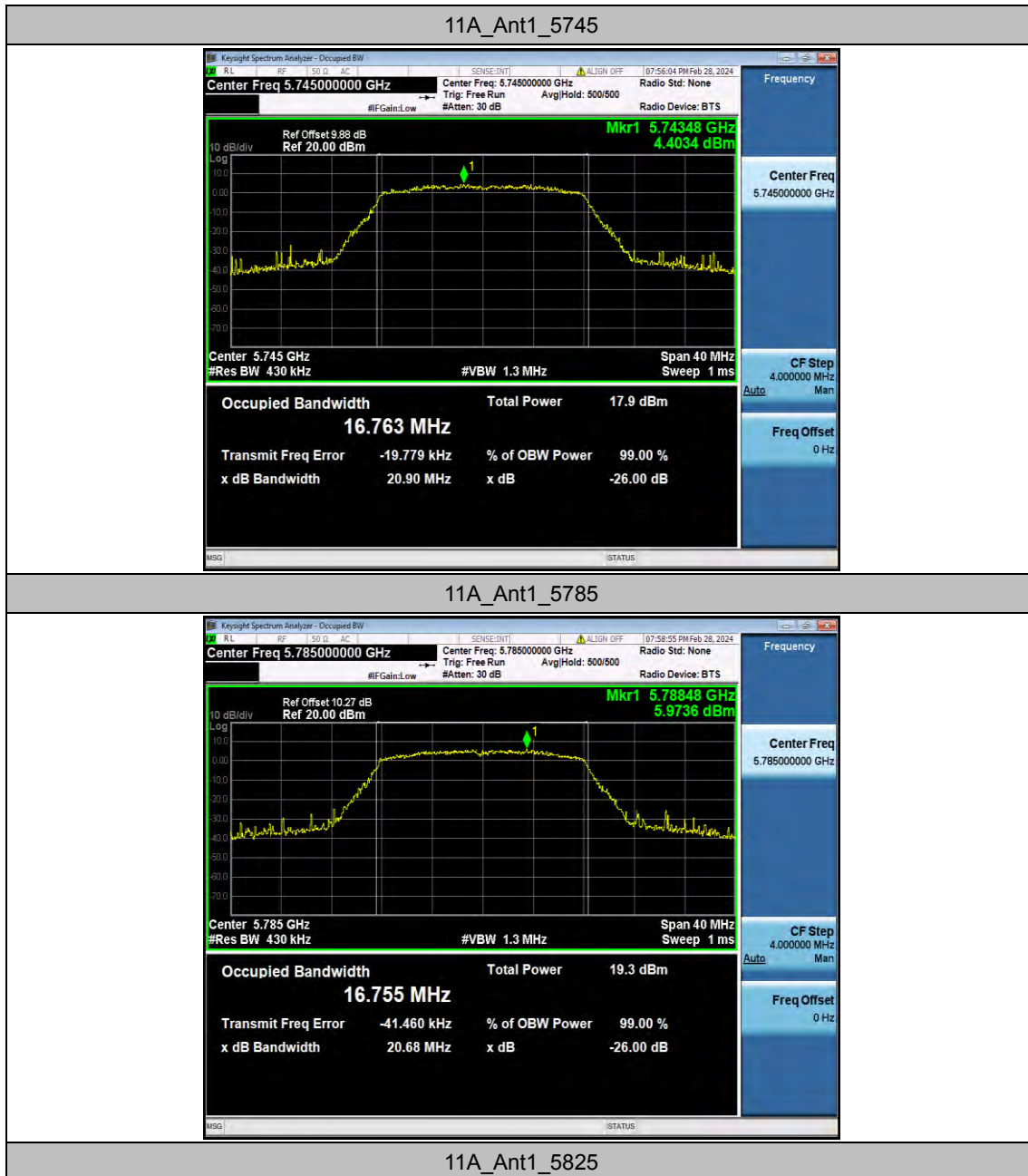


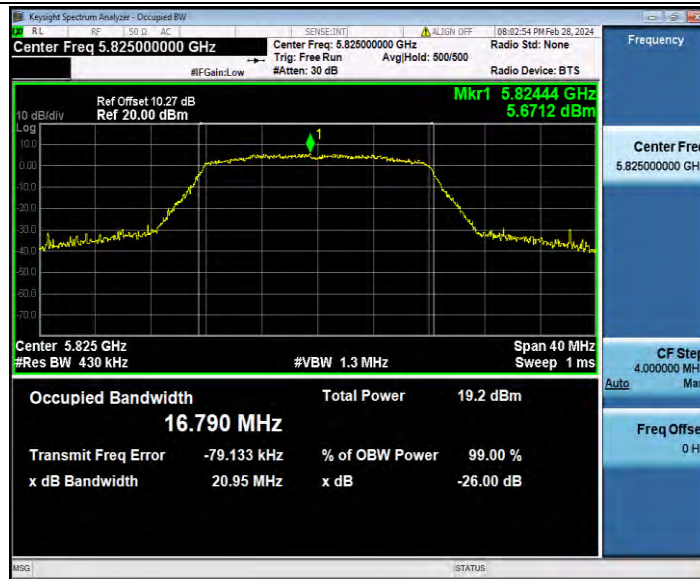
Appendix G.2: Occupied channel bandwidth

Test Result

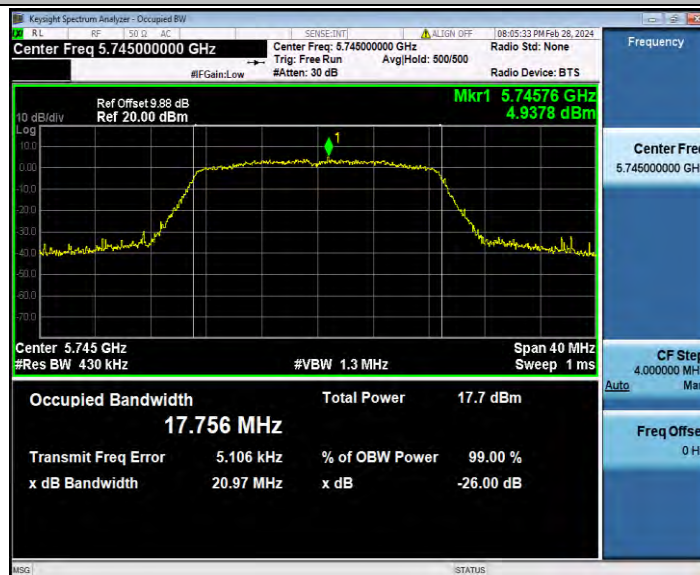
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.763	5736.5987	5753.3617	---	---
		5785	16.755	5776.5810	5793.3360	---	---
		5825	16.790	5816.5259	5833.3159	---	---
11N20SISO	Ant1	5745	17.756	5736.1271	5753.8831	---	---
		5785	17.770	5776.1195	5793.8895	---	---
		5825	17.740	5816.0820	5833.8220	---	---
11N40SISO	Ant1	5755	35.964	5737.0187	5772.9827	---	---
		5795	36.008	5777.0344	5813.0424	---	---
11AC20SISO	Ant1	5745	17.742	5736.0996	5753.8416	---	---
		5785	17.762	5776.0826	5793.8446	---	---
		5825	17.712	5816.0960	5833.8080	---	---
11AC40SISO	Ant1	5755	35.896	5737.0748	5772.9708	---	---
		5795	36.012	5777.0475	5813.0595	---	---
11AX20SISO	Ant1	5745	18.765	5735.5951	5754.3601	---	---
		5785	18.817	5775.5789	5794.3959	---	---
		5825	18.788	5815.5642	5834.3522	---	---
11AX40SISO	Ant1	5755	37.344	5736.3591	5773.7031	---	---
		5795	37.250	5776.4222	5813.6722	---	---

Test Graphs

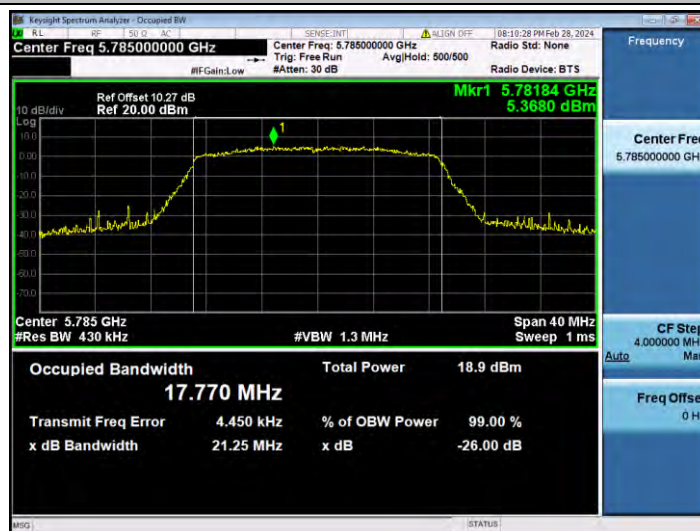




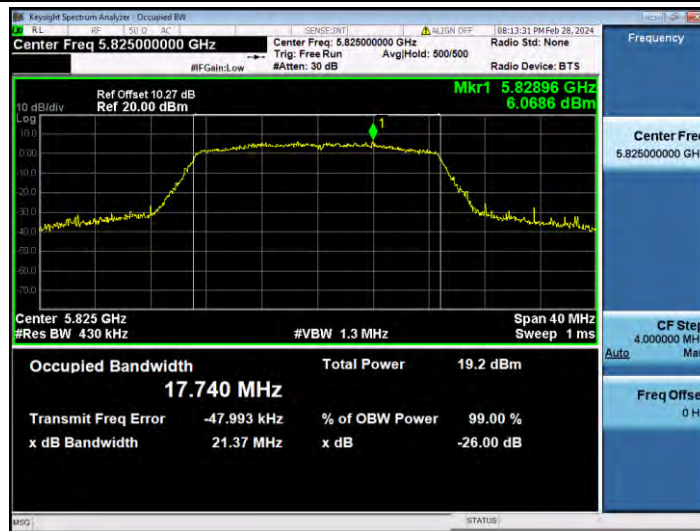
11N20SISO_Ant1_5745



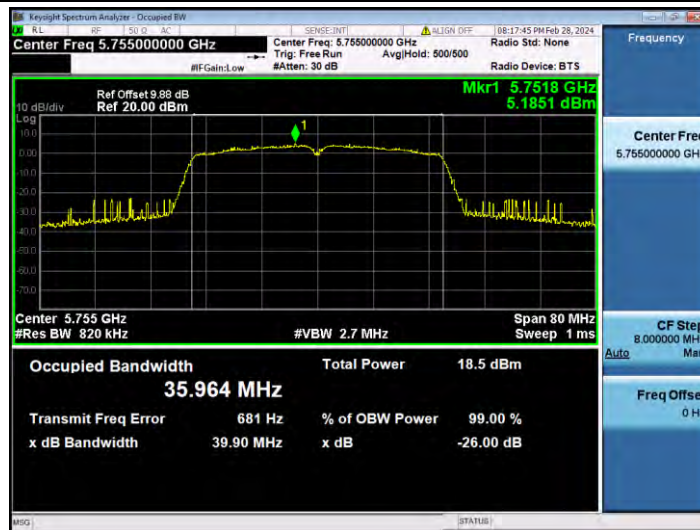
11N20SISO_Ant1_5785



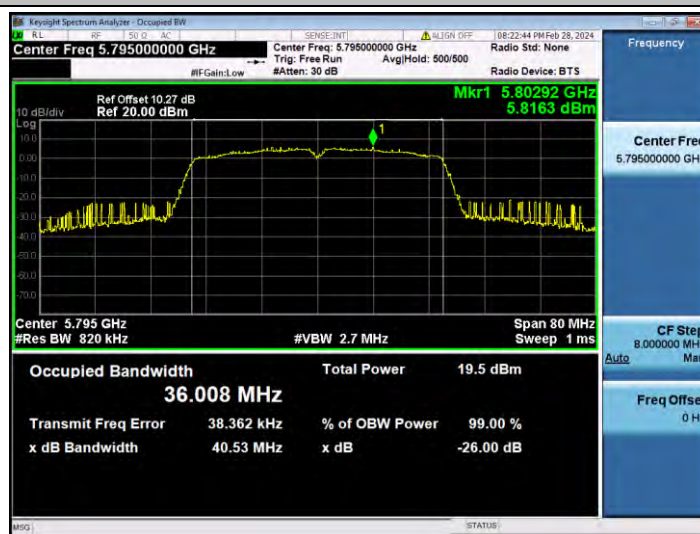
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



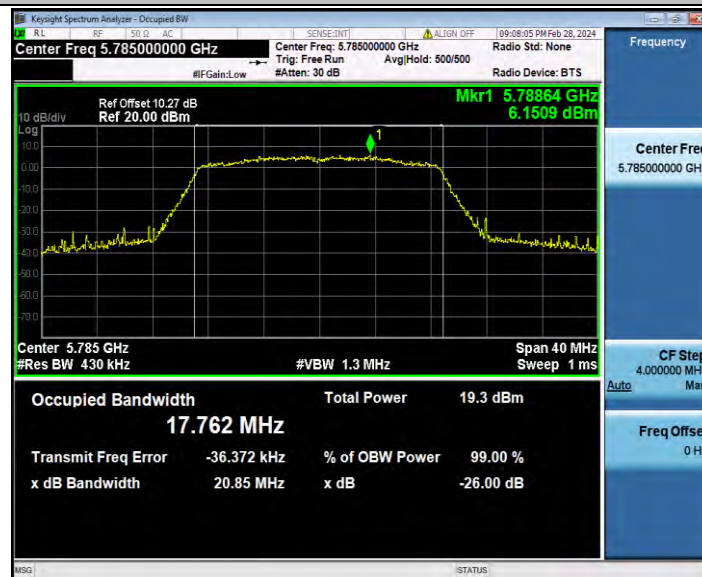
11N40SISO_Ant1_5795



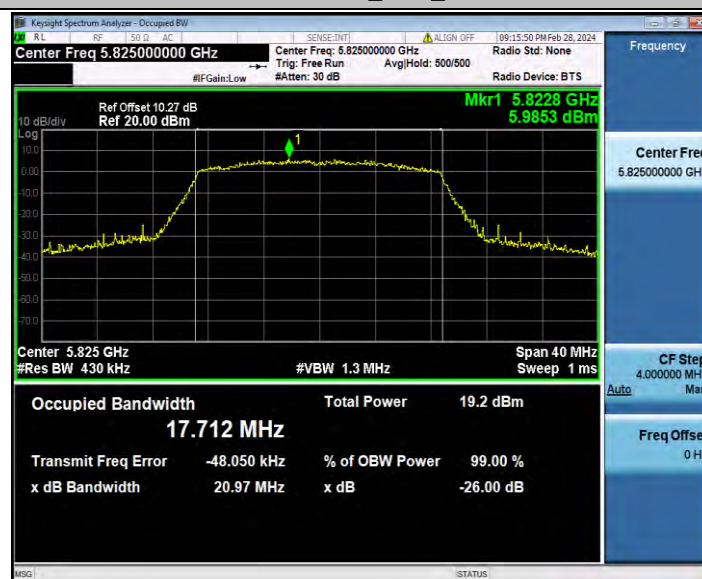
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



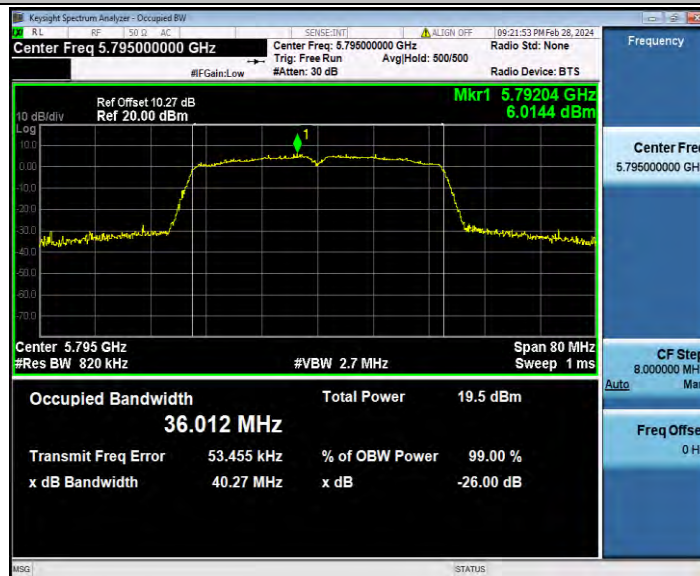
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



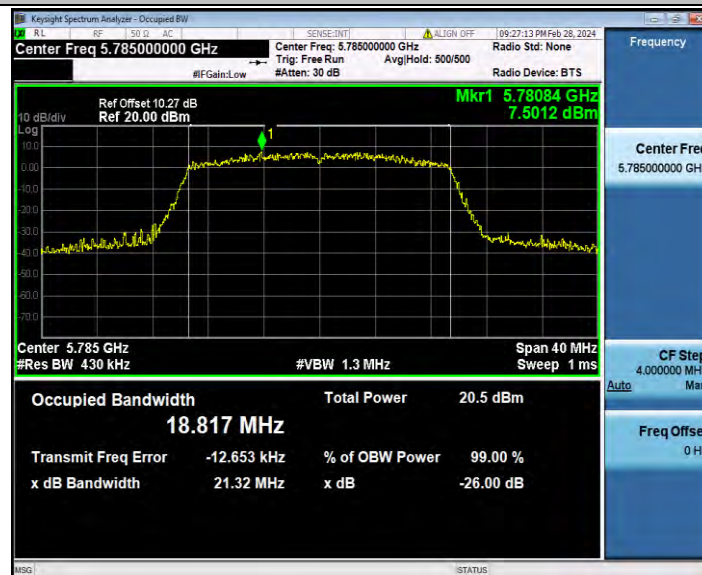
11AC40SISO_Ant1_5795



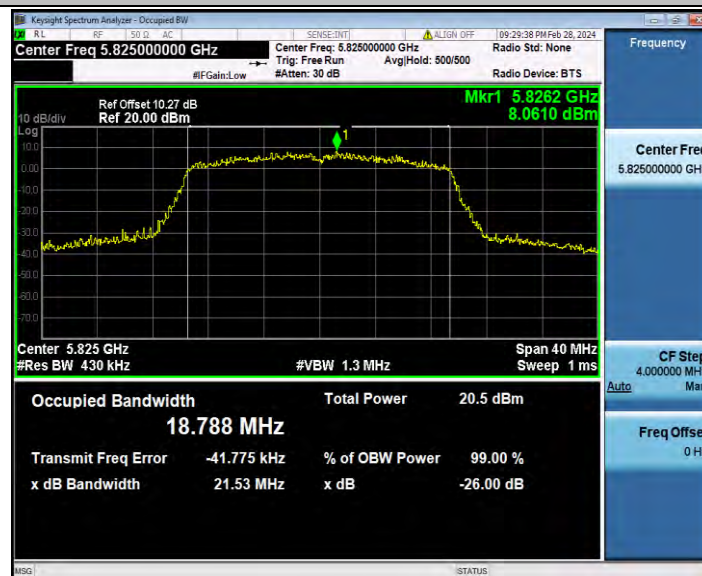
11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



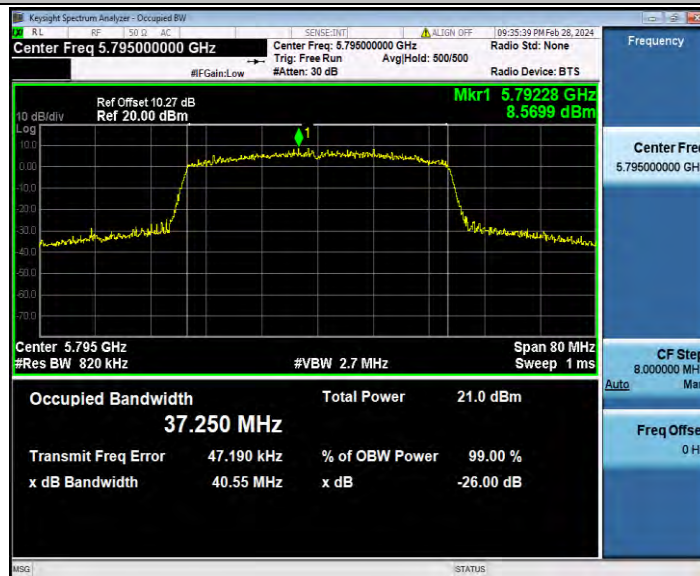
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



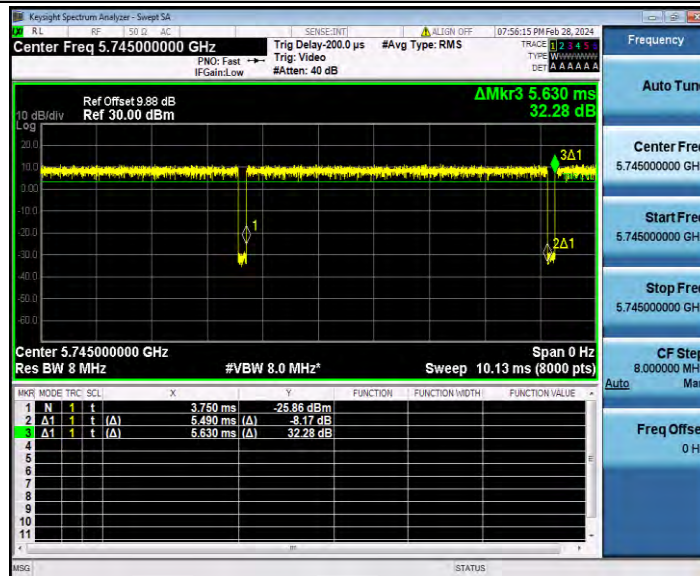
Appendix G.3: Duty Cycle

Test Result

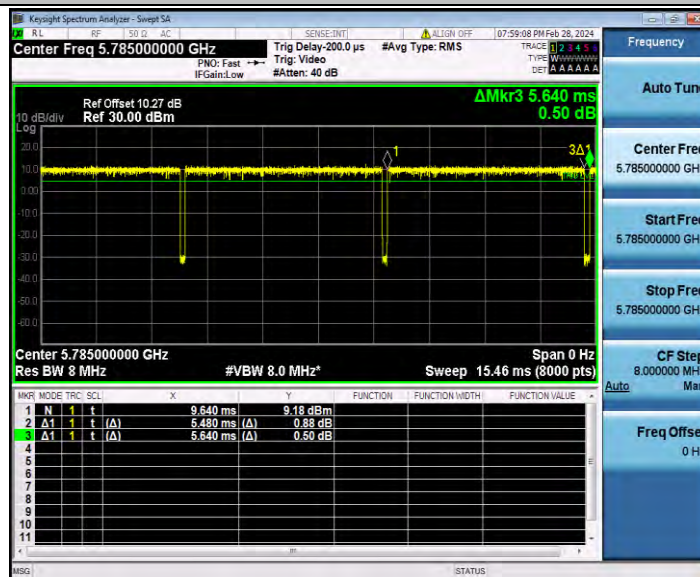
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	5.49	5.63	97.51	0.11	0.18
		5785	5.48	5.64	97.16	0.13	0.18
		5825	5.48	5.61	97.68	0.10	0.18
11N20SISO	Ant1	5745	5.37	5.52	97.28	0.12	0.19
		5785	5.37	5.51	97.46	0.11	0.19
		5825	5.37	5.52	97.28	0.12	0.19
11N40SISO	Ant1	5755	5.15	5.29	97.35	0.12	0.19
		5795	5.15	5.30	97.17	0.12	0.19
11AC20SISO	Ant1	5745	5.38	5.53	97.29	0.12	0.19
		5785	5.38	5.52	97.46	0.11	0.19
		5825	5.38	5.53	97.29	0.12	0.19
11AC40SISO	Ant1	5755	5.16	5.31	97.18	0.12	0.19
		5795	5.16	5.30	97.36	0.12	0.19
11AX20SISO	Ant1	5745	4.66	4.79	97.29	0.12	0.21
		5785	4.65	4.79	97.08	0.13	0.22
		5825	4.66	4.80	97.08	0.13	0.21
11AX40SISO	Ant1	5755	4.64	4.78	97.07	0.13	0.22
		5795	4.65	4.78	97.28	0.12	0.22

Test Graphs

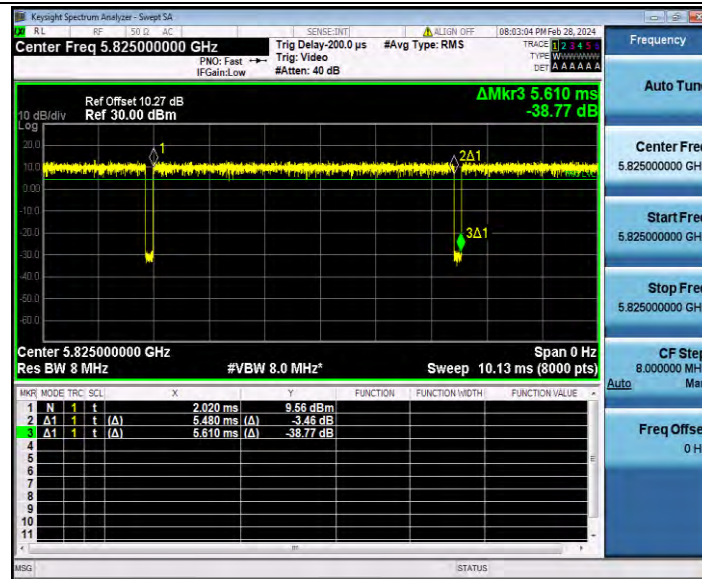
11A_Ant1_5745



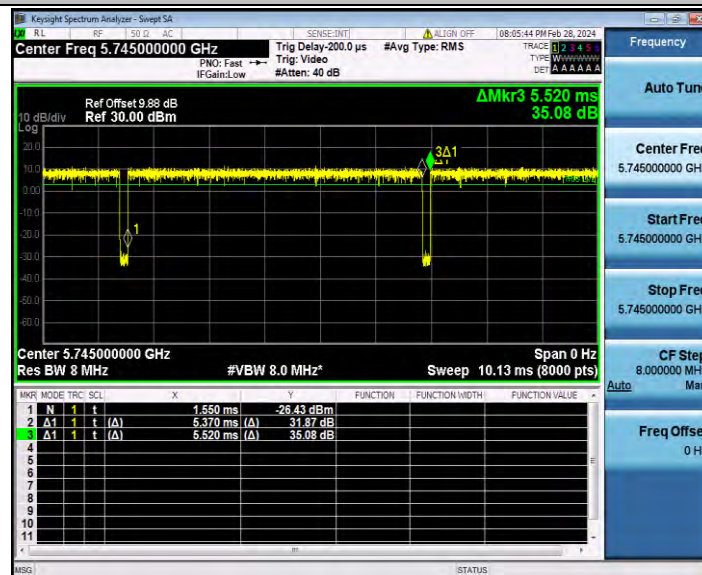
11A_Ant1_5785



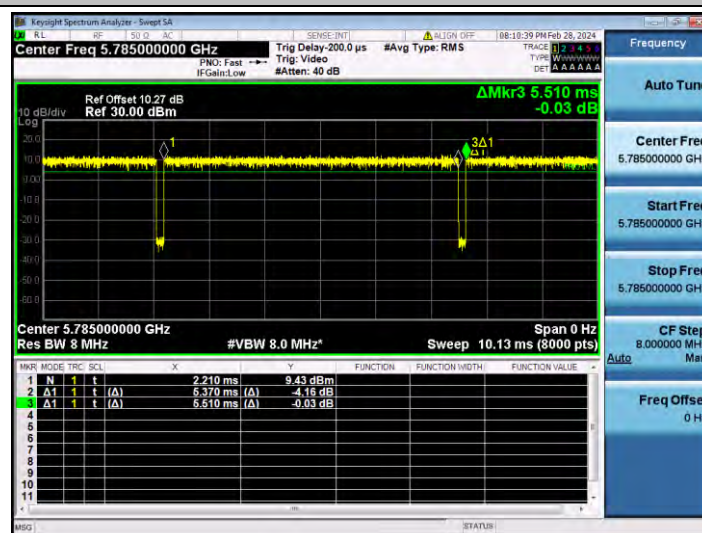
11A_Ant1_5825



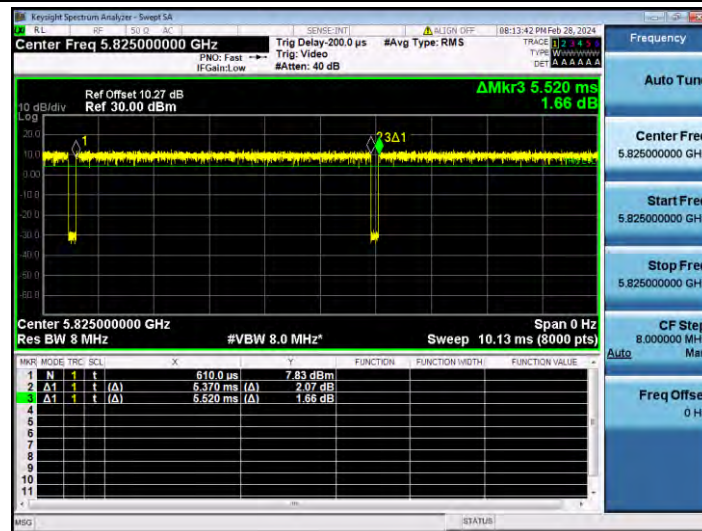
11N20SISO_Ant1_5745



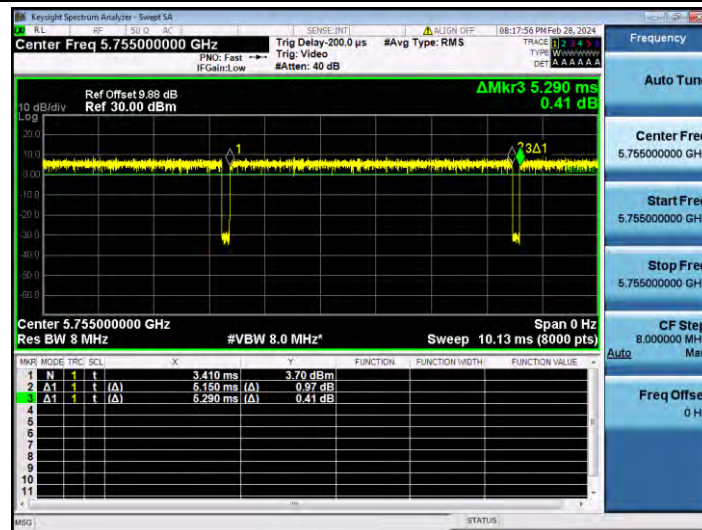
11N20SISO_Ant1_5785



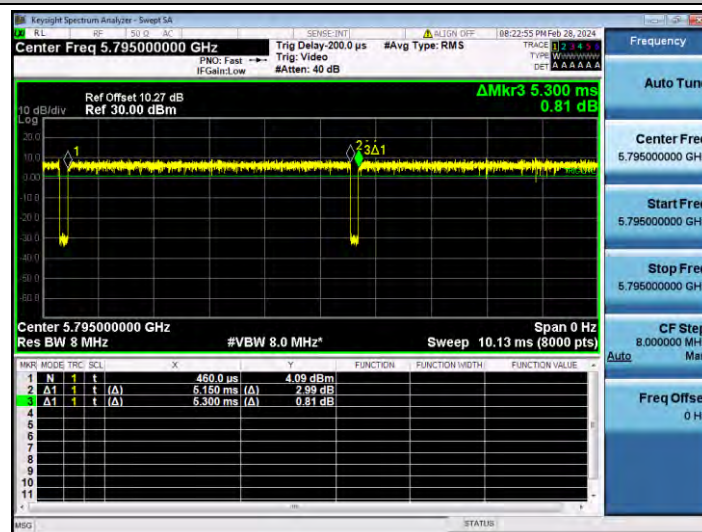
11N20SISO_Ant1_5825



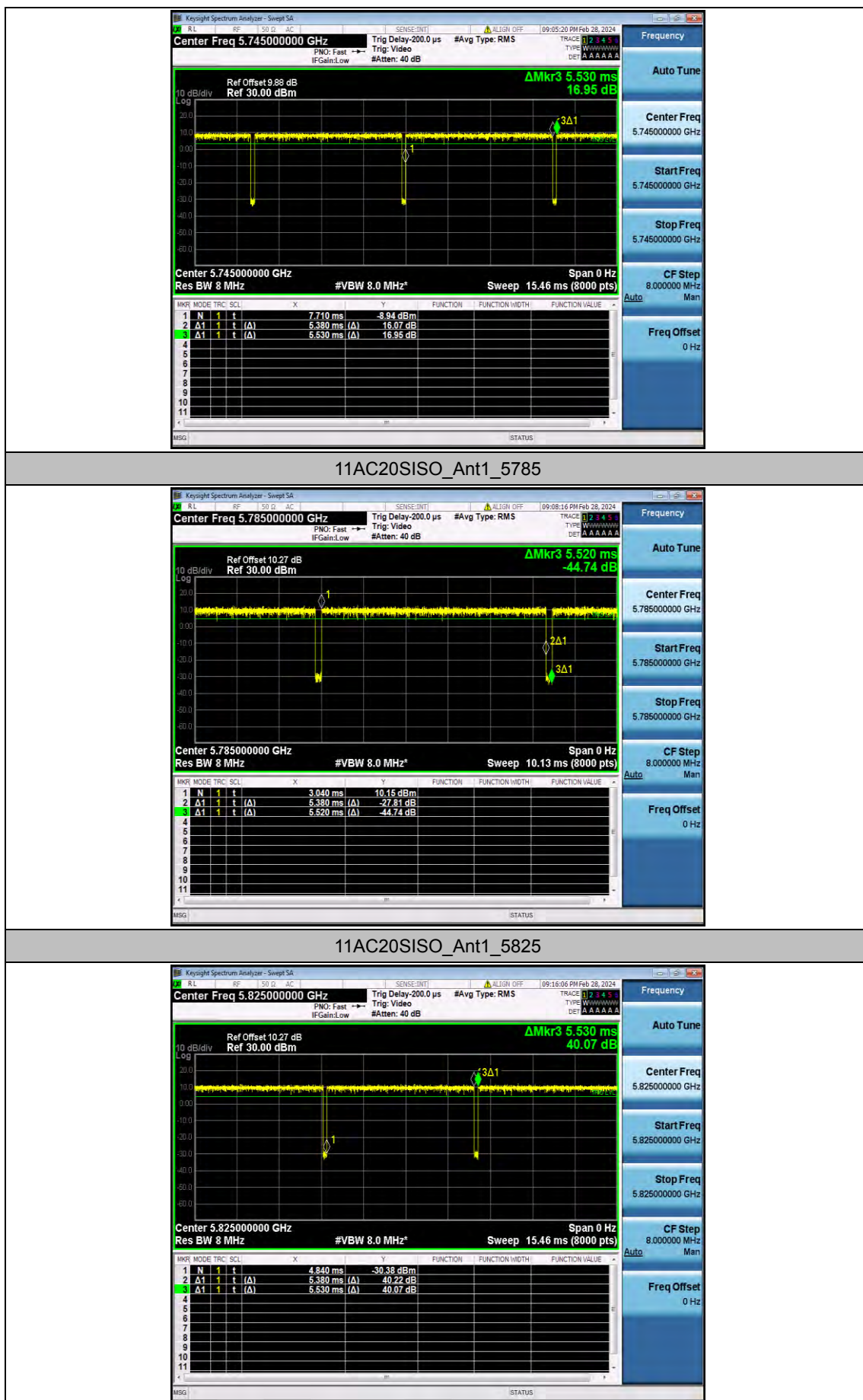
11N40SISO_Ant1_5755



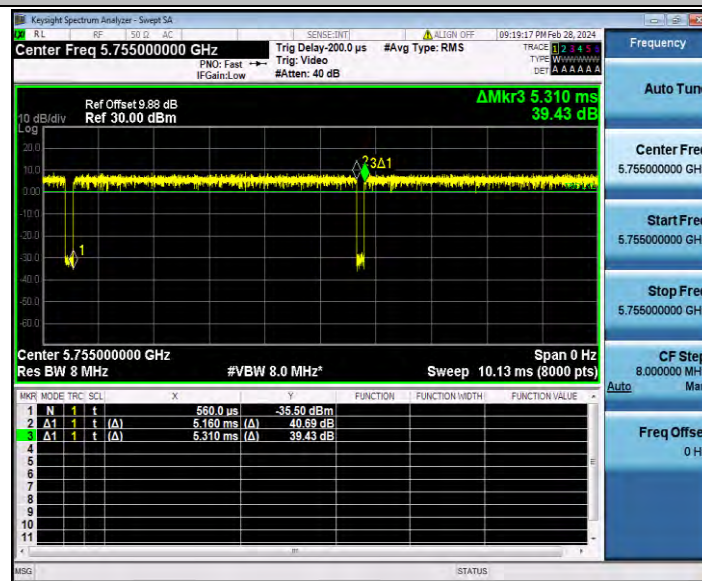
11N40SISO_Ant1_5795



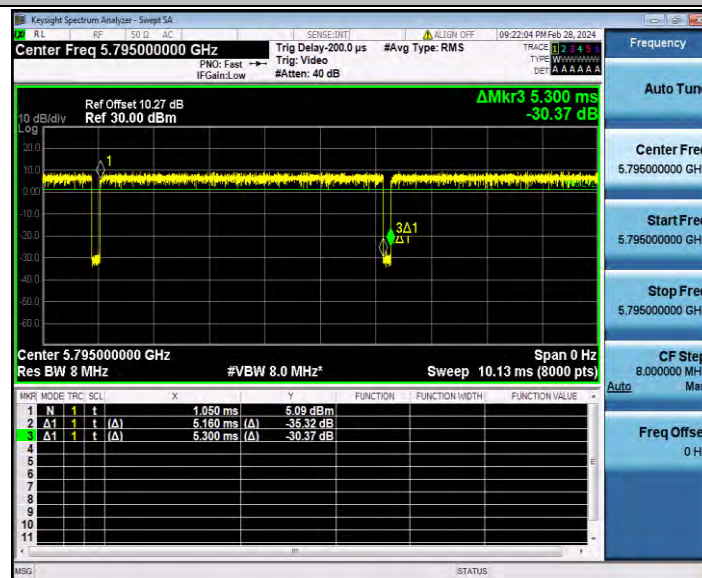
11AC20SISO_Ant1_5745



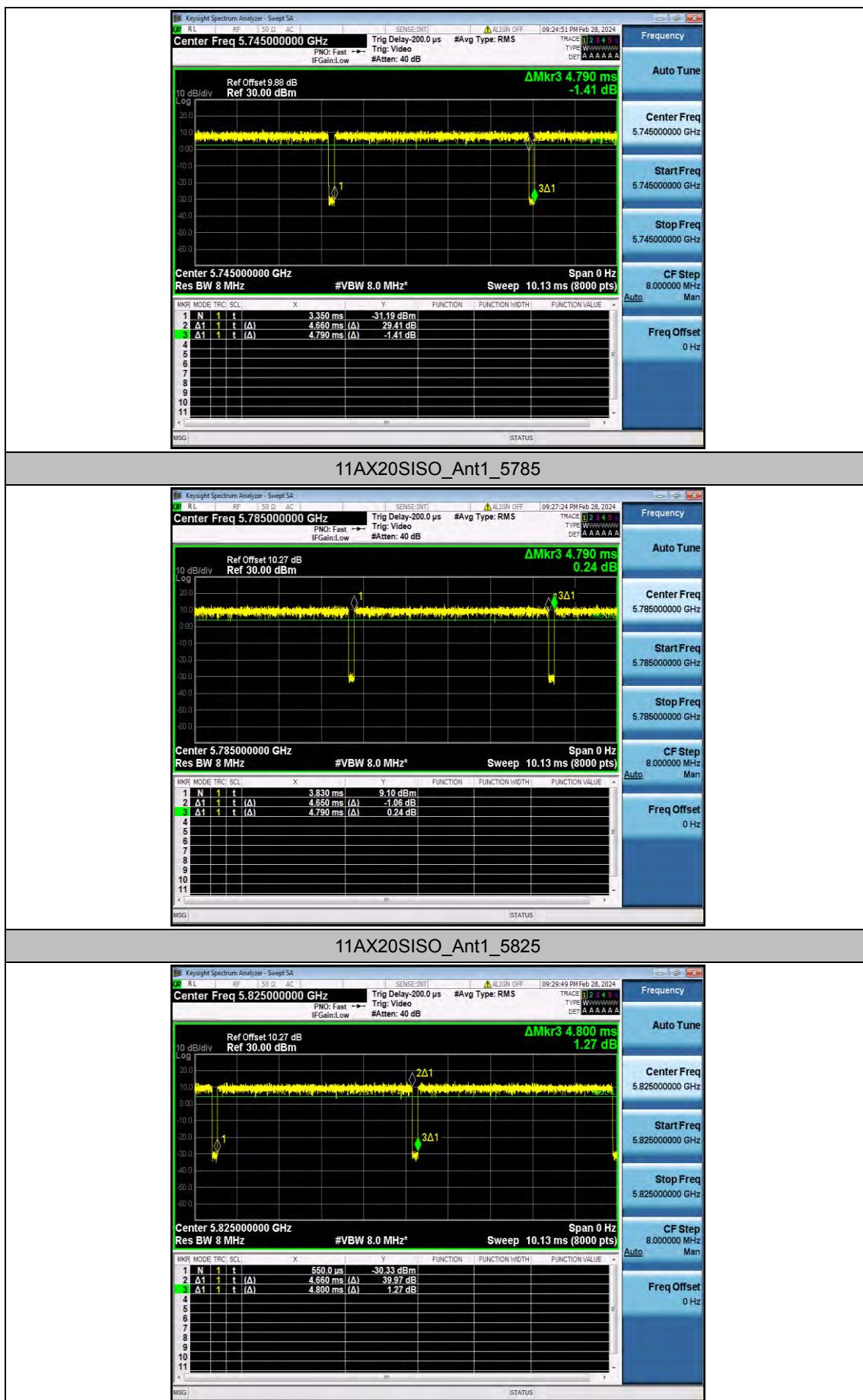
11AC40SISO_Ant1_5755



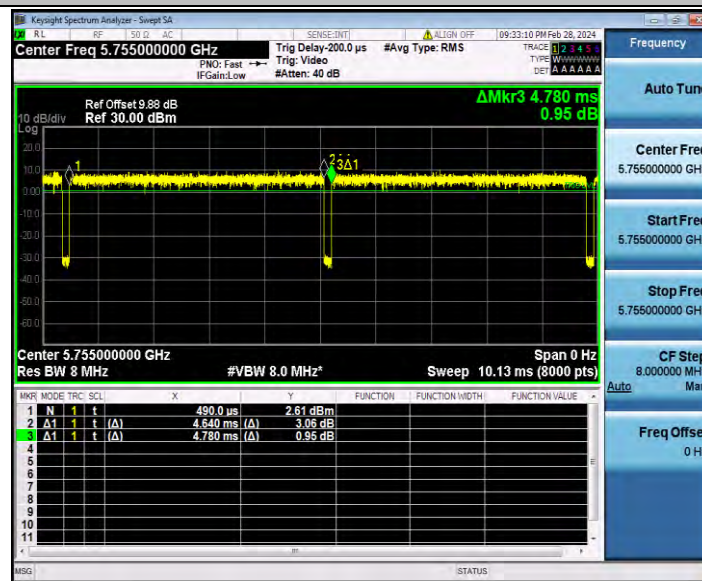
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

