

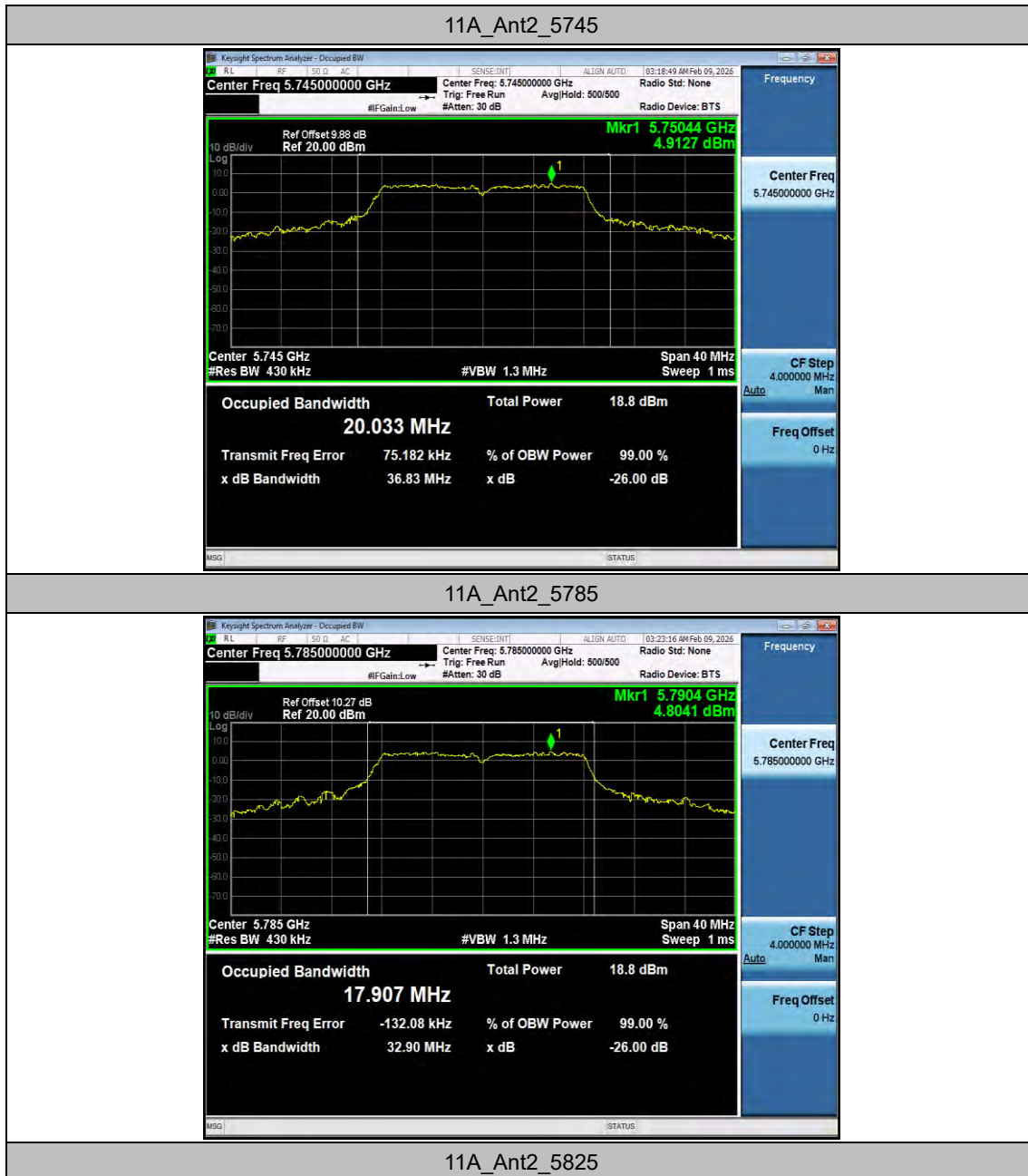
Case No. : <u>GTS20251225009-2-12</u>
Ambient Condition: <u>23</u> °C, <u>51</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.1.19-2026.3.10</u> Test Engineer: <u>Evan ouyang</u>

Appendix E.1: Occupied channel bandwidth

Test Result

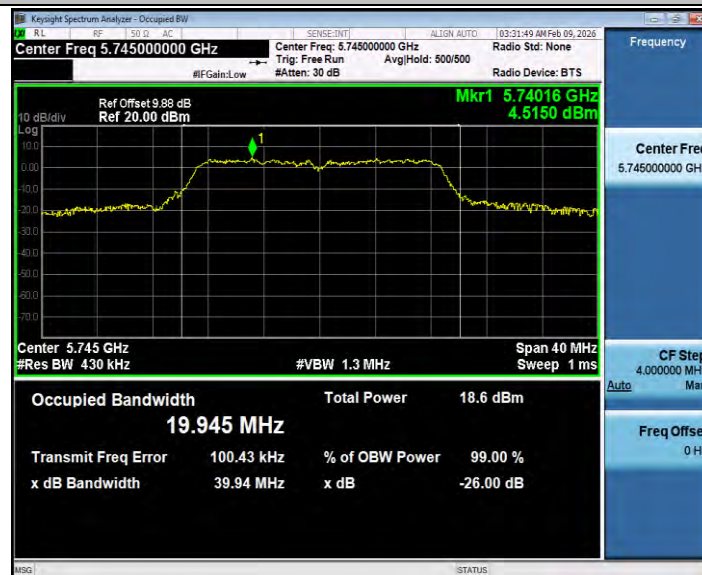
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	20.033	5735.0587	5755.0917	---	---
		5785	17.907	5775.9144	5793.8214	---	---
		5825	17.701	5815.9060	5833.6070	---	---
11N20SISO	Ant2	5745	19.945	5735.1279	5755.0729	---	---
		5785	18.779	5775.5595	5794.3385	---	---
		5825	18.566	5815.5764	5834.1424	---	---
11N40SISO	Ant2	5755	38.539	5735.8255	5774.3645	---	---
		5795	37.927	5776.1069	5814.0339	---	---
11AC20SISO	Ant2	5745	19.833	5735.0440	5754.8770	---	---
		5785	18.846	5775.5218	5794.3678	---	---
		5825	18.542	5815.6306	5834.1726	---	---
11AC40SISO	Ant2	5755	38.571	5735.7773	5774.3483	---	---
		5795	37.815	5776.1364	5813.9514	---	---
11AC80SISO	Ant2	5775	76.806	5736.7292	5813.5352	---	---

Test Graphs

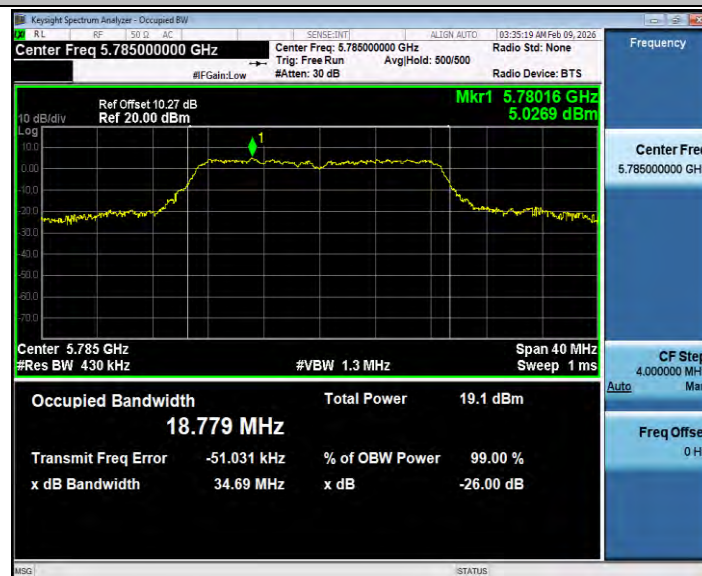




11N20SISO_Ant2_5745



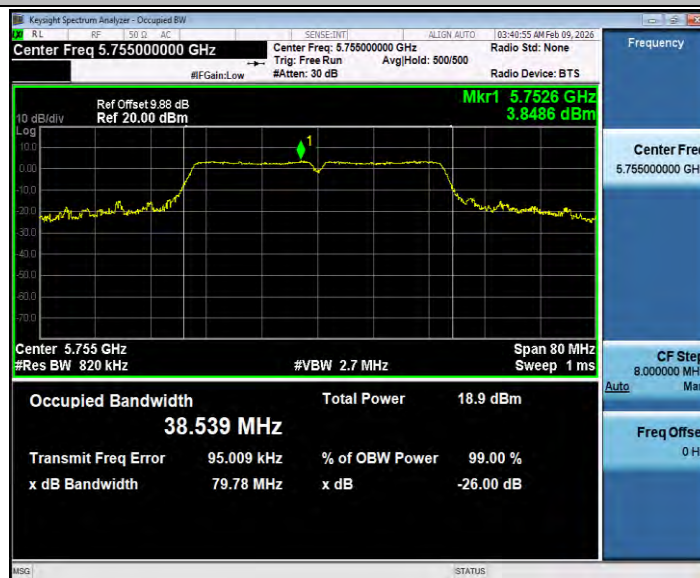
11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



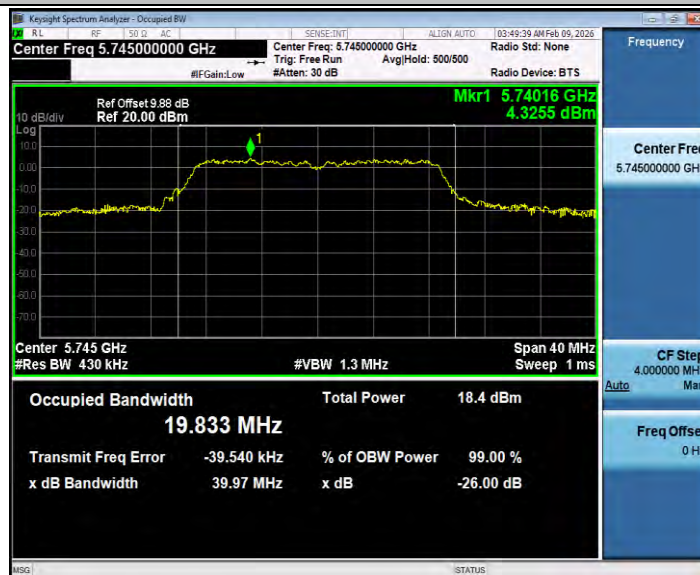
11N40SISO_Ant2_5755



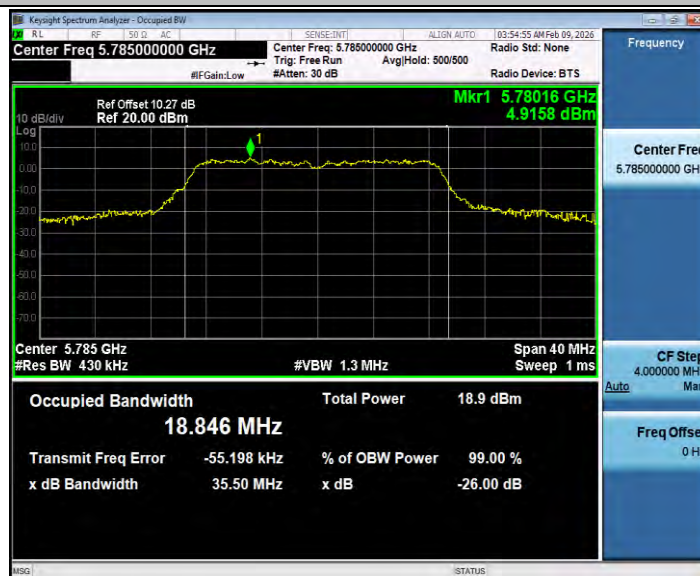
11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



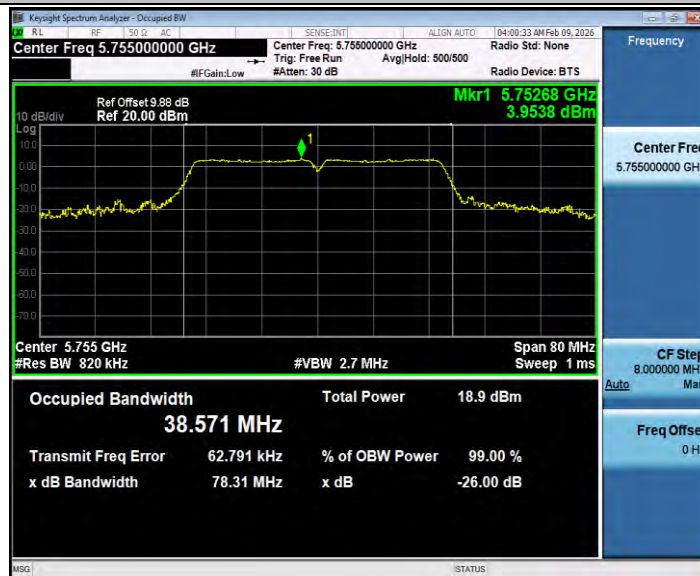
11AC20SISO_Ant2_5785



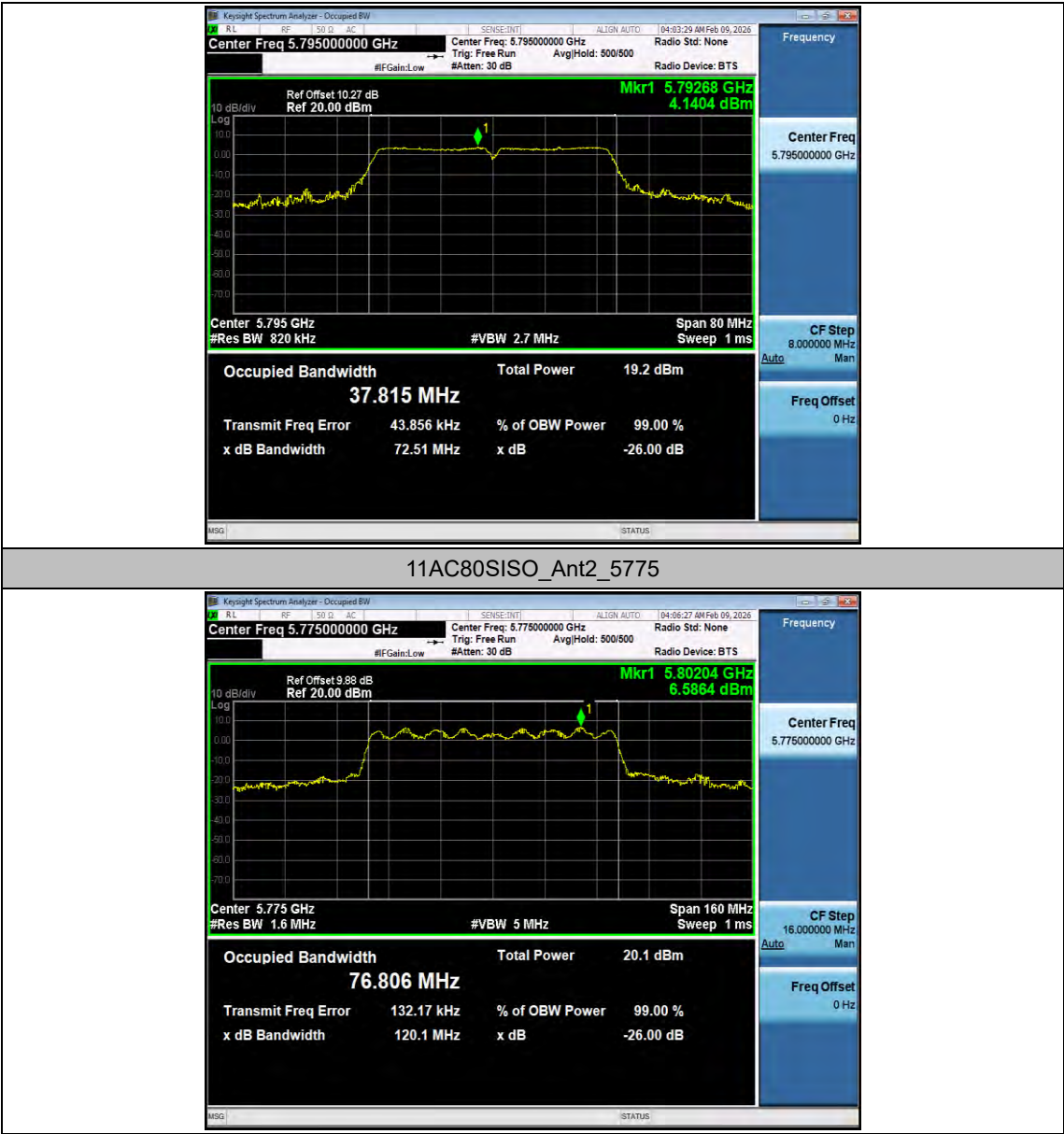
11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



Appendix E.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.560	5736.680	5753.240	0.5	PASS
		5785	16.560	5776.680	5793.240	0.5	PASS
		5825	16.560	5816.680	5833.240	0.5	PASS
11N20SISO	Ant2	5745	17.800	5736.080	5753.880	0.5	PASS
		5785	17.760	5776.120	5793.880	0.5	PASS
		5825	17.720	5816.080	5833.800	0.5	PASS
11N40SISO	Ant2	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.480	5776.760	5813.240	0.5	PASS
11AC20SISO	Ant2	5745	17.800	5736.080	5753.880	0.5	PASS
		5785	17.800	5776.080	5793.880	0.5	PASS
		5825	17.720	5816.080	5833.800	0.5	PASS
11AC40SISO	Ant2	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.480	5776.760	5813.240	0.5	PASS
11AC80SISO	Ant2	5775	76.480	5736.760	5813.240	0.5	PASS



11N20SISO_Ant2_5745



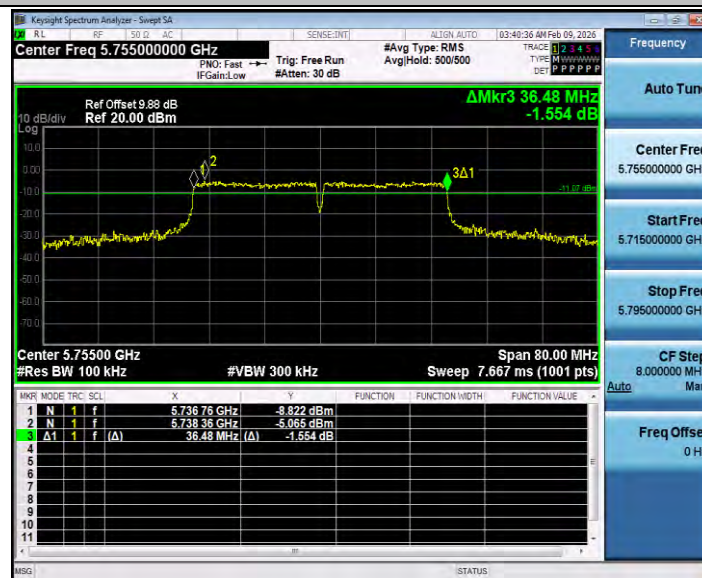
11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



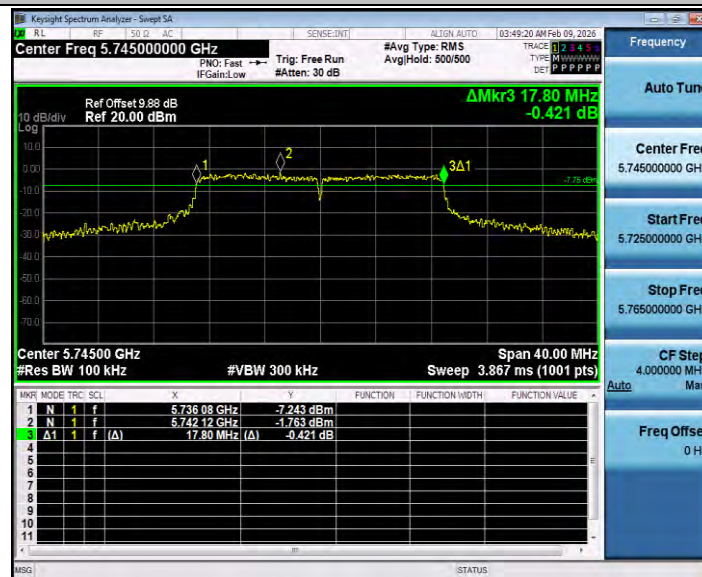
11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



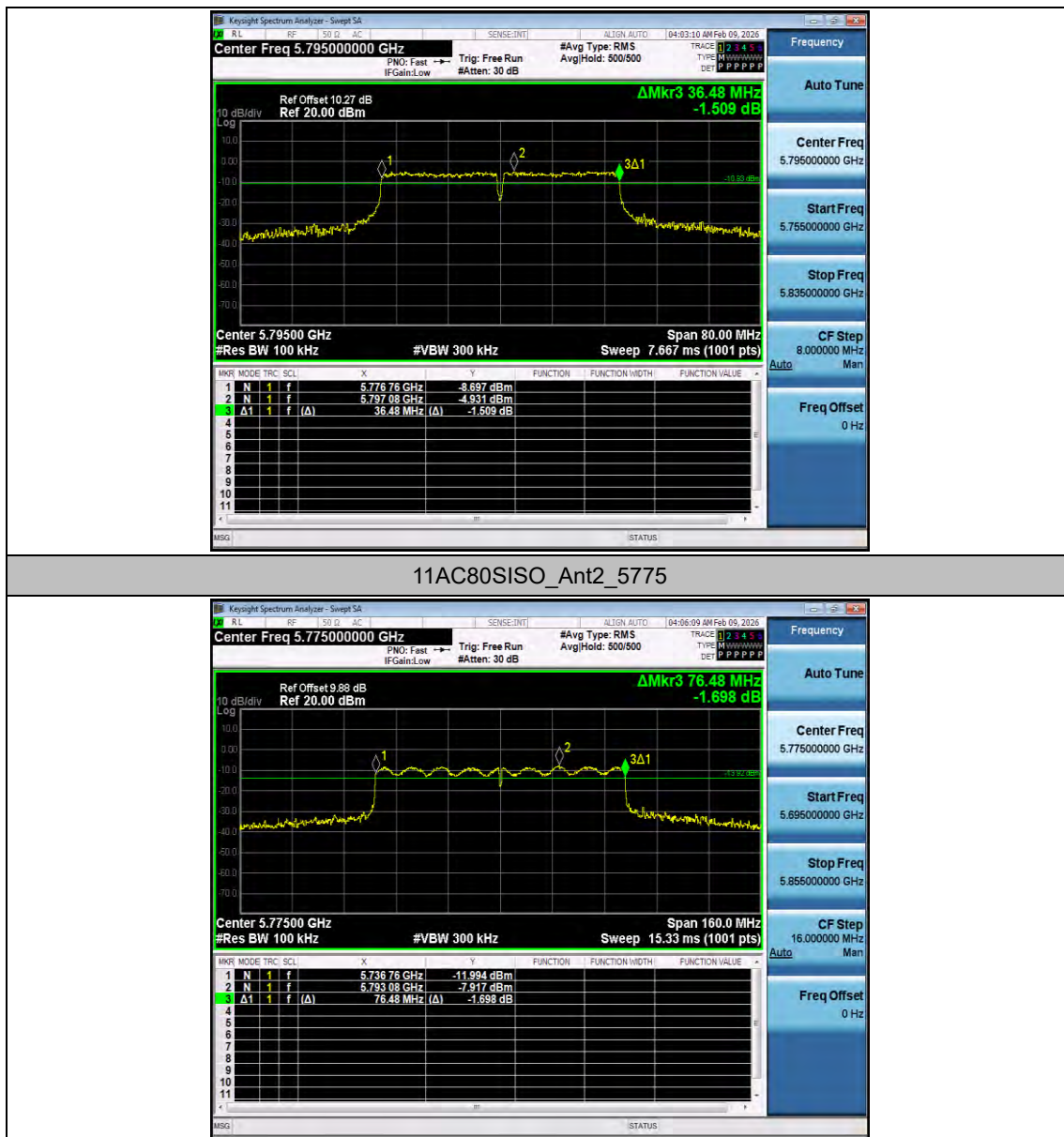
11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



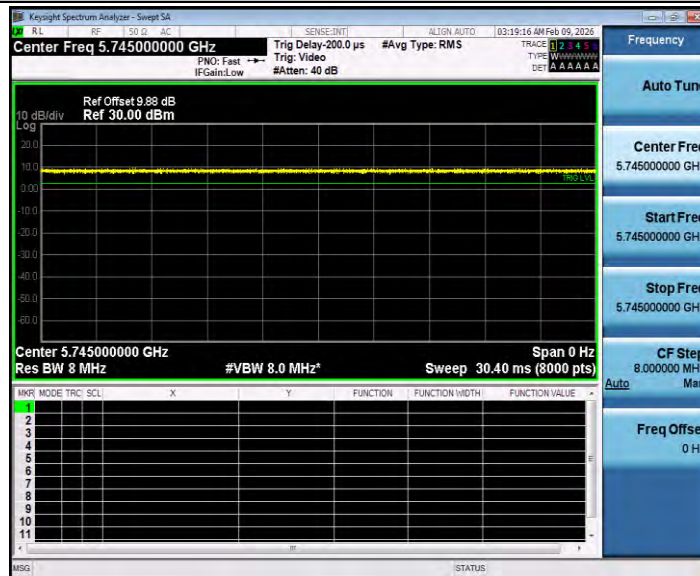
Appendix E.3: Duty Cycle

Test Result

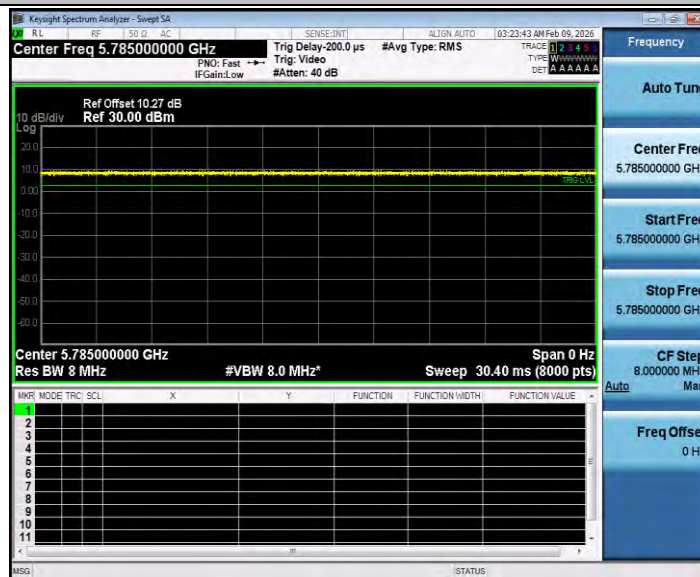
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant2	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant2	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant2	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11AC40SISO	Ant2	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant2	5775	30.00	30.00	100.00	0.00	0.03

Test Graphs

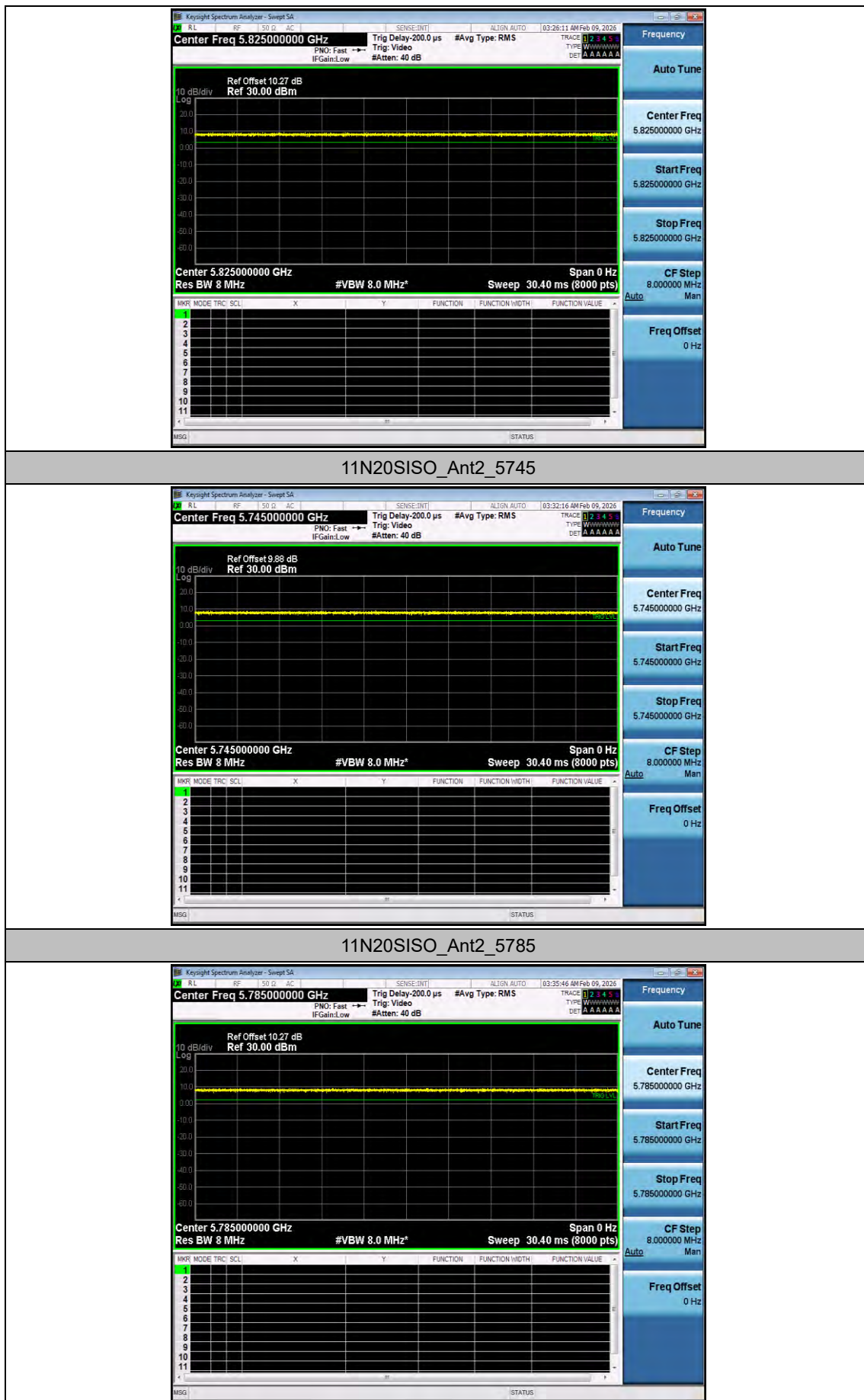
11A_Ant2_5745



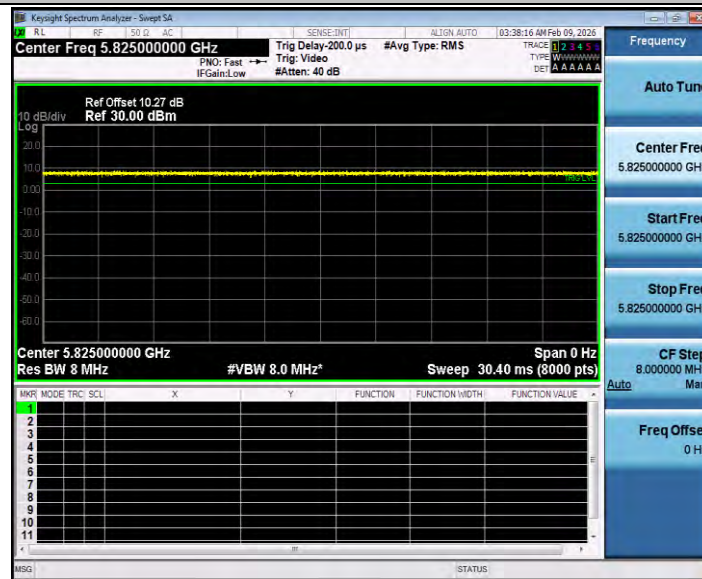
11A_Ant2_5785



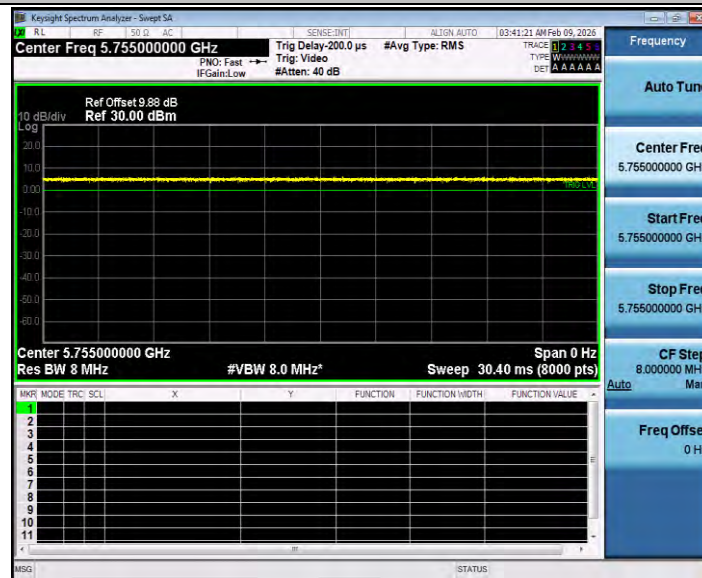
11A_Ant2_5825



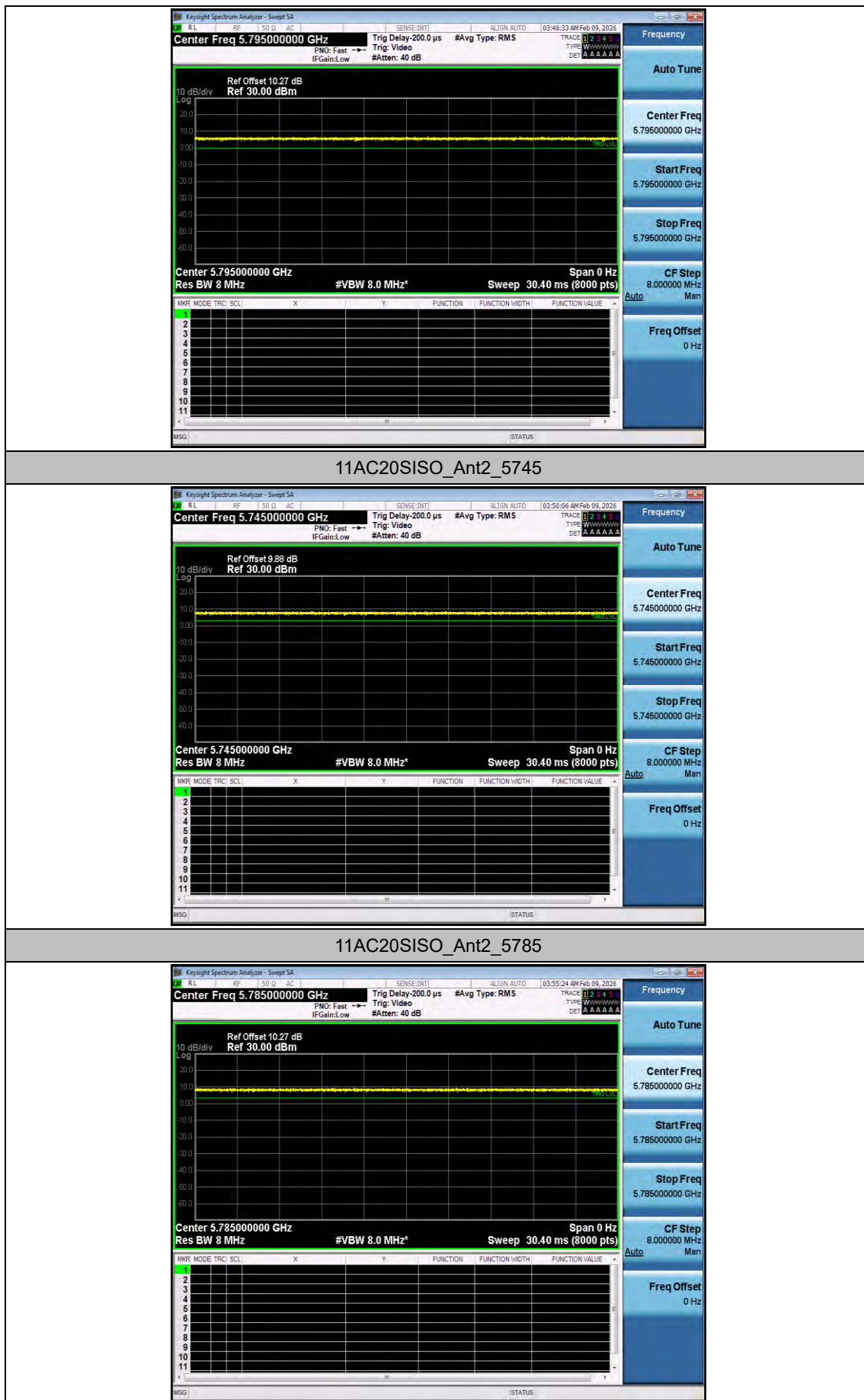
11N20SISO_Ant2_5825



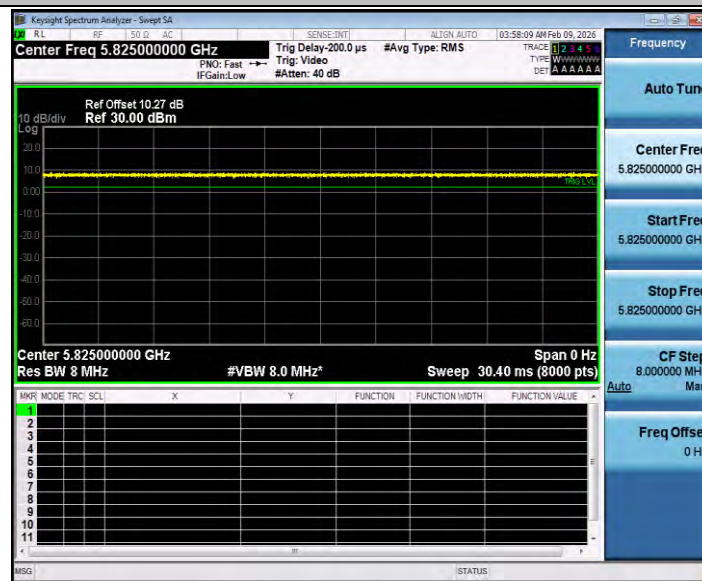
11N40SISO_Ant2_5755



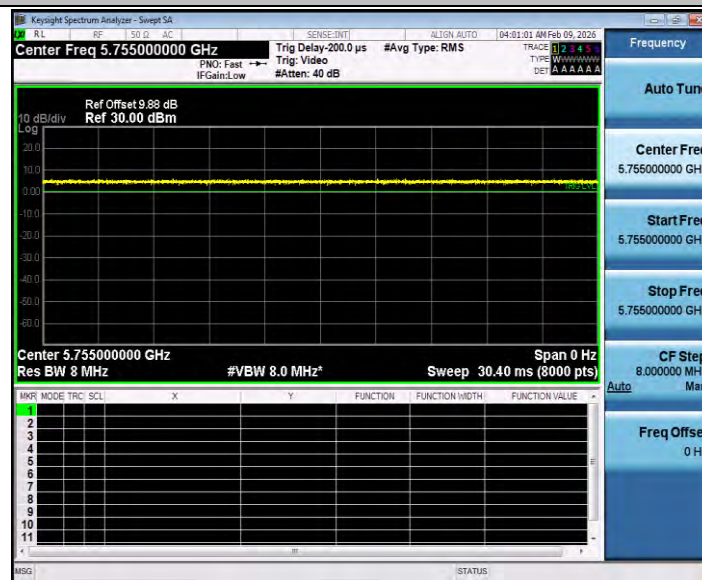
11N40SISO_Ant2_5795



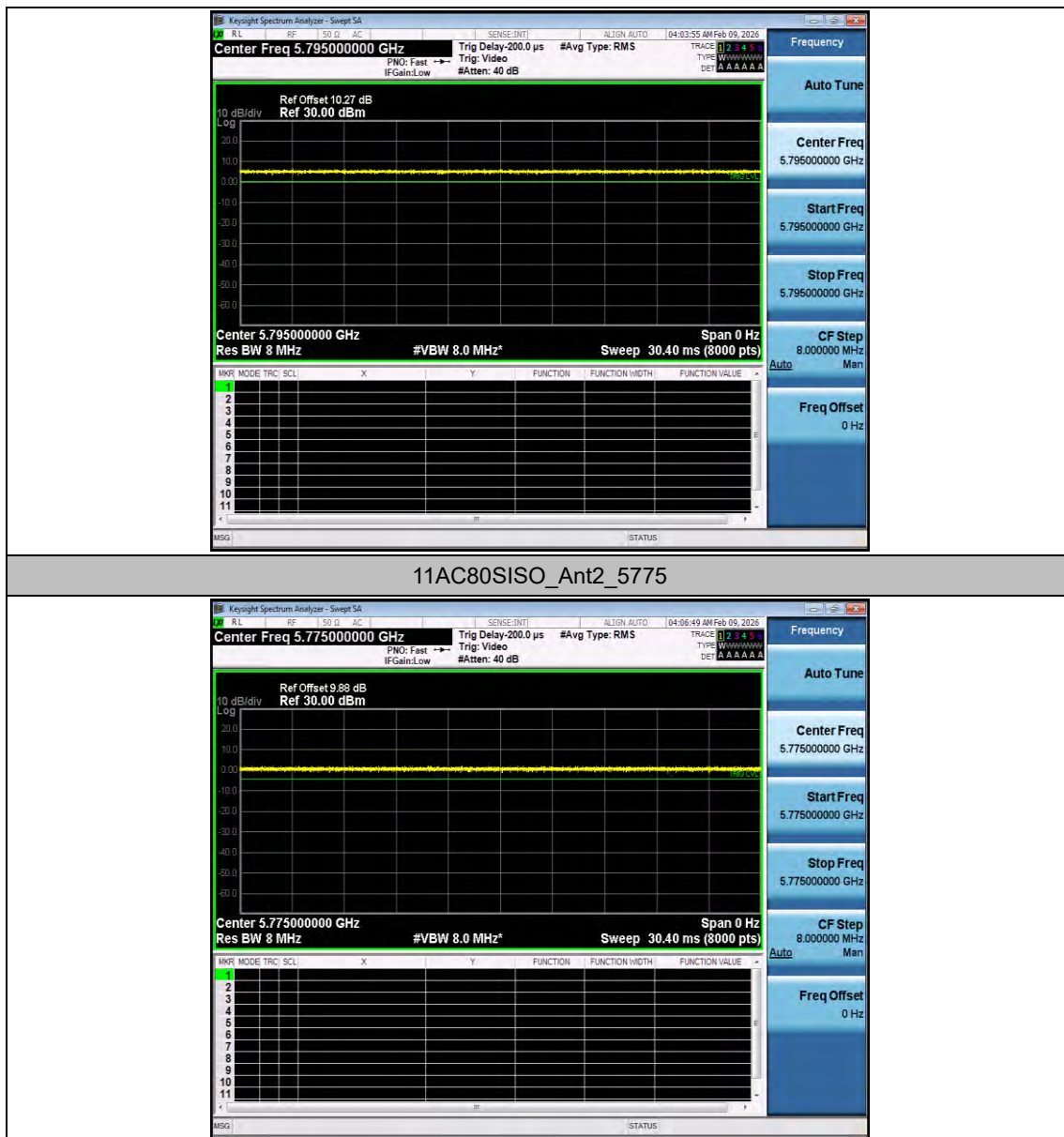
11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	12.11	100.00	0.00	12.11	≤30.00	PASS
		5785	12.31	100.00	0.00	12.31	≤30.00	PASS
		5825	11.97	100.00	0.00	11.97	≤30.00	PASS
11N20SISO	Ant2	5745	11.90	100.00	0.00	11.90	≤30.00	PASS
		5785	12.31	100.00	0.00	12.31	≤30.00	PASS
		5825	11.90	100.00	0.00	11.90	≤30.00	PASS
11N40SISO	Ant2	5755	11.84	100.00	0.00	11.84	≤30.00	PASS
		5795	12.35	100.00	0.00	12.35	≤30.00	PASS
11AC20SISO	Ant2	5745	11.75	100.00	0.00	11.75	≤30.00	PASS
		5785	12.42	100.00	0.00	12.42	≤30.00	PASS
		5825	12.01	100.00	0.00	12.01	≤30.00	PASS
11AC40SISO	Ant2	5755	11.66	100.00	0.00	11.66	≤30.00	PASS
		5795	11.99	100.00	0.00	11.99	≤30.00	PASS
11AC80SISO	Ant2	5775	11.28	100.00	0.00	11.28	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-2.55	≤30.00	PASS
		5785	-2.38	≤30.00	PASS
		5825	-2.58	≤30.00	PASS
11N20SISO	Ant2	5745	-2.87	≤30.00	PASS
		5785	-2.63	≤30.00	PASS
		5825	-2.79	≤30.00	PASS
11N40SISO	Ant2	5755	-5.90	≤30.00	PASS
		5795	-5.26	≤30.00	PASS
11AC20SISO	Ant2	5745	-3.03	≤30.00	PASS
		5785	-2.48	≤30.00	PASS
		5825	-2.64	≤30.00	PASS
11AC40SISO	Ant2	5755	-6.10	≤30.00	PASS
		5795	-5.66	≤30.00	PASS
11AC80SISO	Ant2	5775	-8.36	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

11A_Ant2_5745



11A_Ant2_5785



11A_Ant2_5825



11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



Appendix E.6:Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-40.27	≤-26.79	PASS
				5700~5720	-26.36	≤15.11	PASS
				5720~5725	-20	≤20.01	PASS
				5760~5650	-40.26	≤-27	PASS
		High	5825	5850~5855	-34.33	≤16.03	PASS
				5855~5875	-33.08	≤15.01	PASS
				5875~5925	-40.06	≤-26.81	PASS
				5925~5935	-38.55	≤-27	PASS
11N20SI SO	Ant2	Low	5745	5650~5700	-39.74	≤-26.62	PASS
				5700~5720	-25.06	≤15.59	PASS
				5720~5725	-14.38	≤23.68	PASS
				5760~5650	-39.42	≤-27	PASS
		High	5825	5850~5855	-30.29	≤18.50	PASS
				5855~5875	-37.22	≤10.47	PASS
				5875~5925	-39.21	≤-26.41	PASS
				5925~5935	-38.47	≤-27	PASS
11N40SI SO	Ant2	Low	5755	5650~5700	-39.97	≤-26.90	PASS
				5700~5720	-19.89	≤15.01	PASS
				5720~5725	-18.41	≤18.51	PASS
				5780~5650	-40.41	≤-27	PASS
		High	5795	5850~5855	-35.19	≤15.66	PASS
				5855~5875	-37.12	≤10.34	PASS
				5875~5925	-38.95	≤-26.34	PASS
				5925~5935	-38.22	≤-27	PASS
11AC20S ISO	Ant2	Low	5745	5650~5700	-39.45	≤-26.27	PASS
				5700~5720	-23.75	≤15.59	PASS
				5720~5725	-18.58	≤20.01	PASS
				5760~5650	-39.63	≤-27	PASS
		High	5825	5850~5855	-29.19	≤18.80	PASS
				5855~5875	-31.99	≤14.25	PASS
				5875~5925	-39.34	≤-26.91	PASS
				5925~5935	-38.03	≤-27	PASS
11AC40S ISO	Ant2	Low	5755	5650~5700	-39.85	≤-26.20	PASS
				5700~5720	-18.33	≤15.31	PASS
				5720~5725	-21.21	≤16.04	PASS
				5780~5650	-39.05	≤-27	PASS

		High	5795	5850~5855	-35.05	≤ 16.79	PASS
				5855~5875	-35.3	≤ 13.53	PASS
				5875~5925	-39.8	≤ -26.71	PASS
				5925~5935	-38.75	≤ -27	PASS
11AC80S ISO	Ant2	Low	5775	5650~5700	-33.69	≤ -24.85	PASS
				5700~5720	-24.23	≤ 11.14	PASS
				5720~5725	-23.66	≤ 16.35	PASS
				5800~5650	-35.13	≤ -27	PASS
		High	5775	5850~5855	-26.34	≤ 16.26	PASS
				5855~5875	-27.34	≤ 11.59	PASS
				5875~5925	-38.62	≤ -26.46	PASS
				5925~5935	-38.42	≤ -27	PASS

Test GraphsB4

11A_Ant2_Low_5745



11A_Ant2_High_5825



11N20SISO_Ant2_Low_5745



11N20SISO_Ant2_High_5825



11N40SISO_Ant2_Low_5755



11N40SISO_Ant2_High_5795



11AC20SISO_Ant2_Low_5745



11AC20SISO_Ant2_High_5825



11AC40SISO_Ant2_Low_5755



11AC40SISO_Ant2_High_5795



11AC80SISO_Ant2_Low_5775



11AC80SISO_Ant2_High_5775



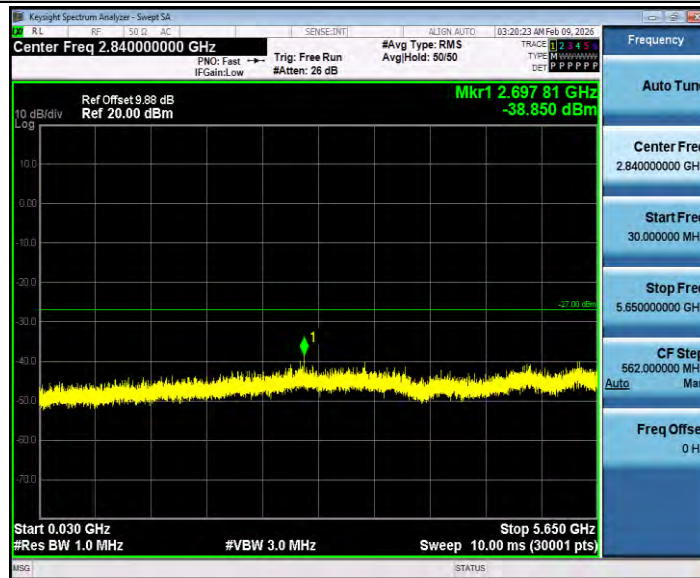
Appendix E.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	30~5650	2697.81	-38.85	≤-27	PASS
			5925~27000	26801.19	-31.97	≤-27	PASS
		5785	30~5650	5601.67	-40.13	≤-27	PASS
			5925~27000	26481.56	-32.14	≤-27	PASS
		5825	30~5650	4948.62	-39.81	≤-27	PASS
			5925~27000	26057.95	-31.48	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	5447.49	-39.32	≤-27	PASS
			5925~27000	23470.64	-31.84	≤-27	PASS
		5785	30~5650	5374.43	-39.62	≤-27	PASS
			5925~27000	26803.3	-31.31	≤-27	PASS
		5825	30~5650	5415.27	-39.81	≤-27	PASS
			5925~27000	24269.38	-31.34	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	5544.16	-39.95	≤-27	PASS
			5925~27000	24280.62	-32.15	≤-27	PASS
		5795	30~5650	5432.51	-39.14	≤-27	PASS
			5925~27000	26672.64	-30.91	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	4953.49	-39.91	≤-27	PASS
			5925~27000	24825.76	-29.4	≤-27	PASS
		5785	30~5650	2659.41	-40.37	≤-27	PASS
			5925~27000	24233.56	-31.25	≤-27	PASS
		5825	30~5650	3324.82	-39.76	≤-27	PASS
			5925~27000	25016.14	-31.62	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	5491.52	-39.68	≤-27	PASS
			5925~27000	24192.81	-31.8	≤-27	PASS
		5795	30~5650	5432.88	-39.68	≤-27	PASS
			5925~27000	25572.52	-32.09	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	5649.25	-36.2	≤-27	PASS
			5925~27000	25075.15	-31.99	≤-27	PASS

Test Graphs

11A_Ant2_5745_30~5650



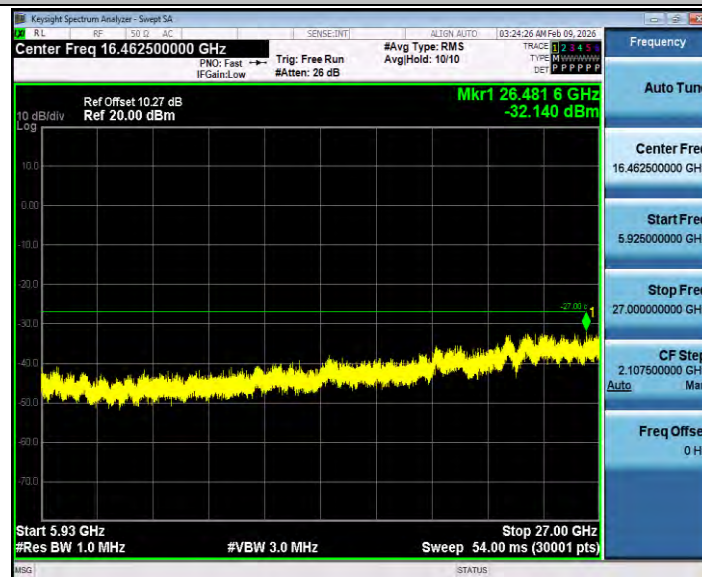
11A_Ant2_5745_5925~27000



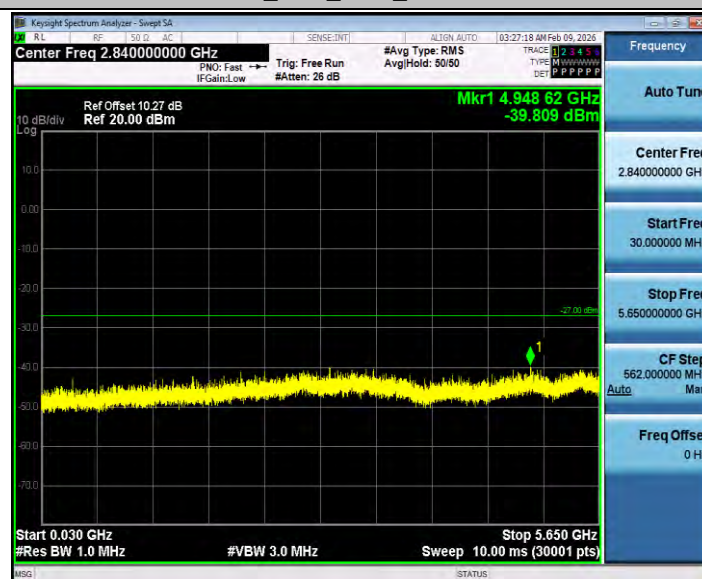
11A_Ant2_5785_30~5650



11A_Ant2_5785_5925~27000



11A_Ant2_5825_30~5650



11A_Ant2_5825_5925~27000



11N20SISO_Ant2_5745_30~5650



11N20SISO_Ant2_5745_5925~27000



11N20SISO_Ant2_5785_30~5650



11N20SISO_Ant2_5785_5925~27000



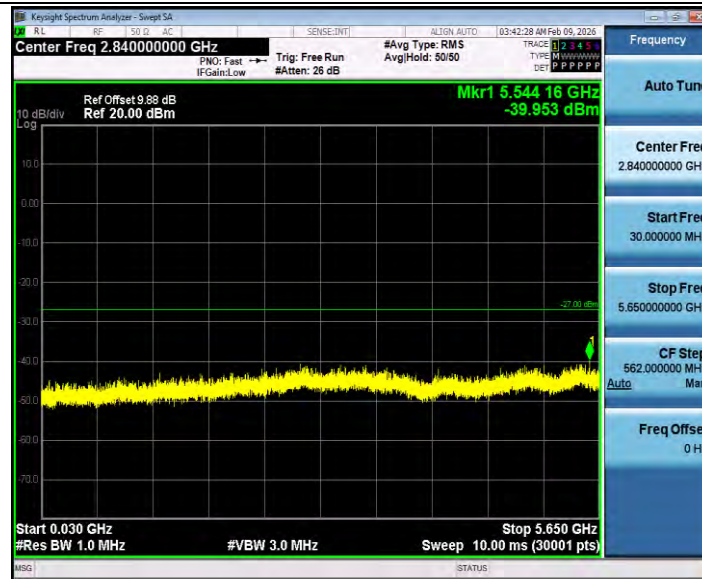
11N20SISO_Ant2_5825_30~5650



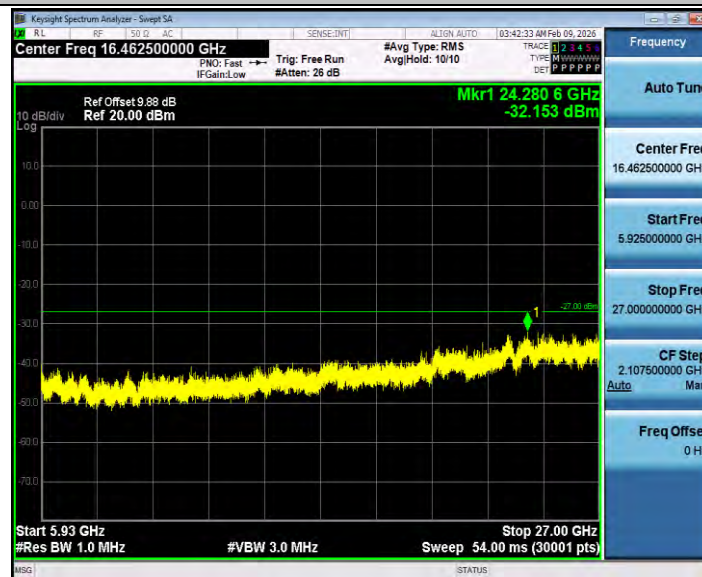
11N20SISO_Ant2_5825_5925~27000



11N40SISO_Ant2_5755_30~5650



11N40SISO_Ant2_5755_5925~27000



11N40SISO_Ant2_5795_30~5650



11N40SISO_Ant2_5795_5925~27000



11AC20SISO_Ant2_5745_30~5650



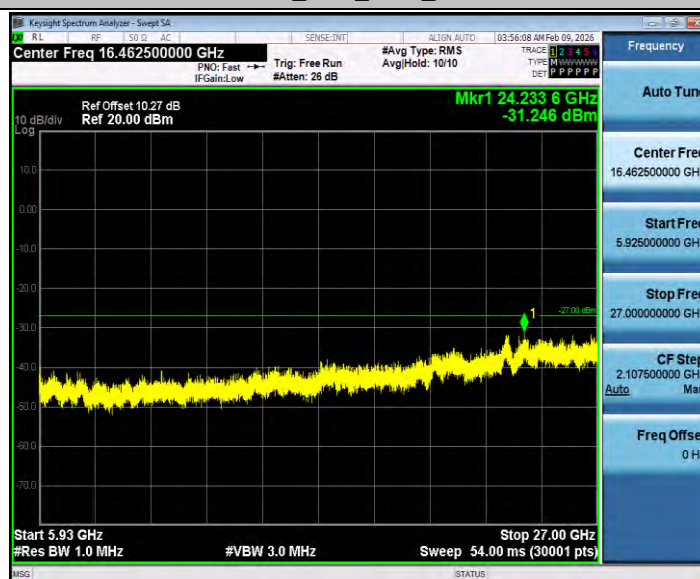
11AC20SISO_Ant2_5745_5925~27000



11AC20SISO_Ant2_5785_30~5650



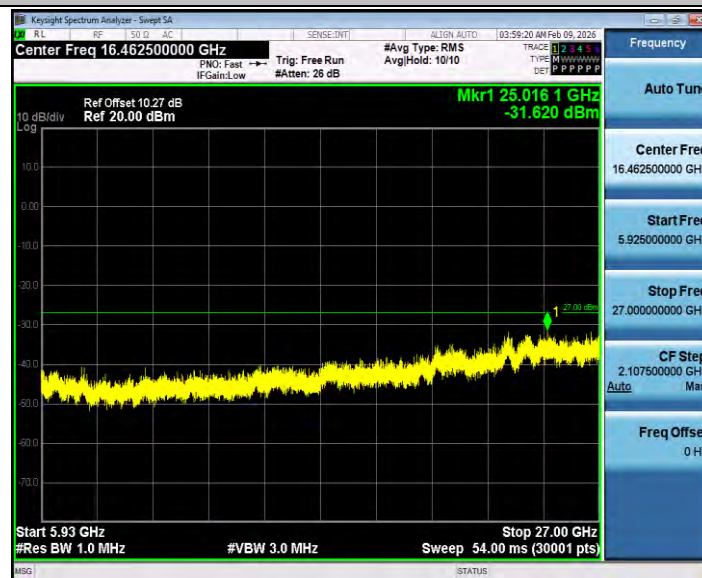
11AC20SISO_Ant2_5785_5925~27000



11AC20SISO_Ant2_5825_30~5650



11AC20SISO_Ant2_5825_5925~27000



11AC40SISO_Ant2_5755_30~5650



11AC40SISO_Ant2_5755_5925~27000



11AC40SISO_Ant2_5795_30~5650



11AC40SISO_Ant2_5795_5925~27000



11AC80SISO_Ant2_5775_30~5650



11AC80SISO_Ant2_5775_5925~27000

