

Appendix G.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-40.22	≤-26.70	PASS
				5700~5720	-35.83	≤10.09	PASS
				5720~5725	-28.01	≤20.01	PASS
				5760~5650	-38.93	≤-27	PASS
		High	5825	5850~5855	-31.42	≤16.96	PASS
				5855~5875	-35.02	≤11.87	PASS
				5875~5925	-39.41	≤-26.81	PASS
				5925~5935	-38.11	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.49	≤-26.19	PASS
				5700~5720	-28.09	≤15.59	PASS
				5720~5725	-22.57	≤20.54	PASS
				5760~5650	-39.05	≤-27	PASS
		High	5825	5850~5855	-32.44	≤17.26	PASS
				5855~5875	-31.24	≤15.35	PASS
				5875~5925	-38.51	≤-26.61	PASS
				5925~5935	-38.74	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-40.27	≤-26.90	PASS
				5700~5720	-20.86	≤13.01	PASS
				5720~5725	-15.31	≤18.20	PASS
				5780~5650	-39.34	≤-27	PASS
		High	5795	5850~5855	-25.16	≤23.56	PASS
				5855~5875	-35.23	≤11.13	PASS
				5875~5925	-38.66	≤-26.46	PASS
				5925~5935	-35.55	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-38.47	≤-24.66	PASS
				5700~5720	-28.89	≤15.59	PASS
				5720~5725	-27	≤16.60	PASS
				5760~5650	-39.06	≤-27	PASS
		High	5825	5850~5855	-31.89	≤17.88	PASS
				5855~5875	-30.4	≤15.09	PASS
				5875~5925	-37.19	≤-26.91	PASS
				5925~5935	-37.32	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-40.08	≤-26.60	PASS
				5700~5720	-22.07	≤13.88	PASS
				5720~5725	-22.5	≤17.58	PASS
				5780~5650	-39.61	≤-27	PASS

		High	5795	5850~5855	-31.82	≤ 16.41	PASS
				5855~5875	-33.87	≤ 12.47	PASS
				5875~5925	-38.62	≤ -26.83	PASS
				5925~5935	-38.1	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-38.47	≤ -26.57	PASS
				5700~5720	-25.7	≤ 10.48	PASS
				5720~5725	-21.51	≤ 17.77	PASS
				5800~5650	-37.66	≤ -27	PASS
		High	5775	5850~5855	-28.74	≤ 16.68	PASS
				5855~5875	-29.28	≤ 11.07	PASS
				5875~5925	-32.88	≤ -24.00	PASS
				5925~5935	-34.56	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.65	≤ -26.27	PASS
				5700~5720	-27.43	≤ 14.92	PASS
				5720~5725	-21.77	≤ 20.27	PASS
				5760~5650	-39.99	≤ -27	PASS
		High	5825	5850~5855	-31.15	≤ 16.96	PASS
				5855~5875	-29.89	≤ 12.52	PASS
				5875~5925	-38.8	≤ -26.91	PASS
				5925~5935	-38.27	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.99	≤ -26.10	PASS
				5700~5720	-21.71	≤ 14.07	PASS
				5720~5725	-21.76	≤ 15.74	PASS
				5780~5650	-37.68	≤ -27	PASS
		High	5795	5850~5855	-32.98	≤ 15.66	PASS
				5855~5875	-34.46	≤ 11.68	PASS
				5875~5925	-39.63	≤ -26.83	PASS
				5925~5935	-38.22	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-37.67	≤ -26.57	PASS
				5700~5720	-25.14	≤ 10.18	PASS
				5720~5725	-23.68	≤ 17.06	PASS
				5800~5650	-34.8	≤ -27	PASS
		High	5775	5850~5855	-28.22	≤ 15.84	PASS
				5855~5875	-29.24	≤ 11.28	PASS
				5875~5925	-37.45	≤ -26.87	PASS
				5925~5935	-37.34	≤ -27	PASS

Test Graphs B4

11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825

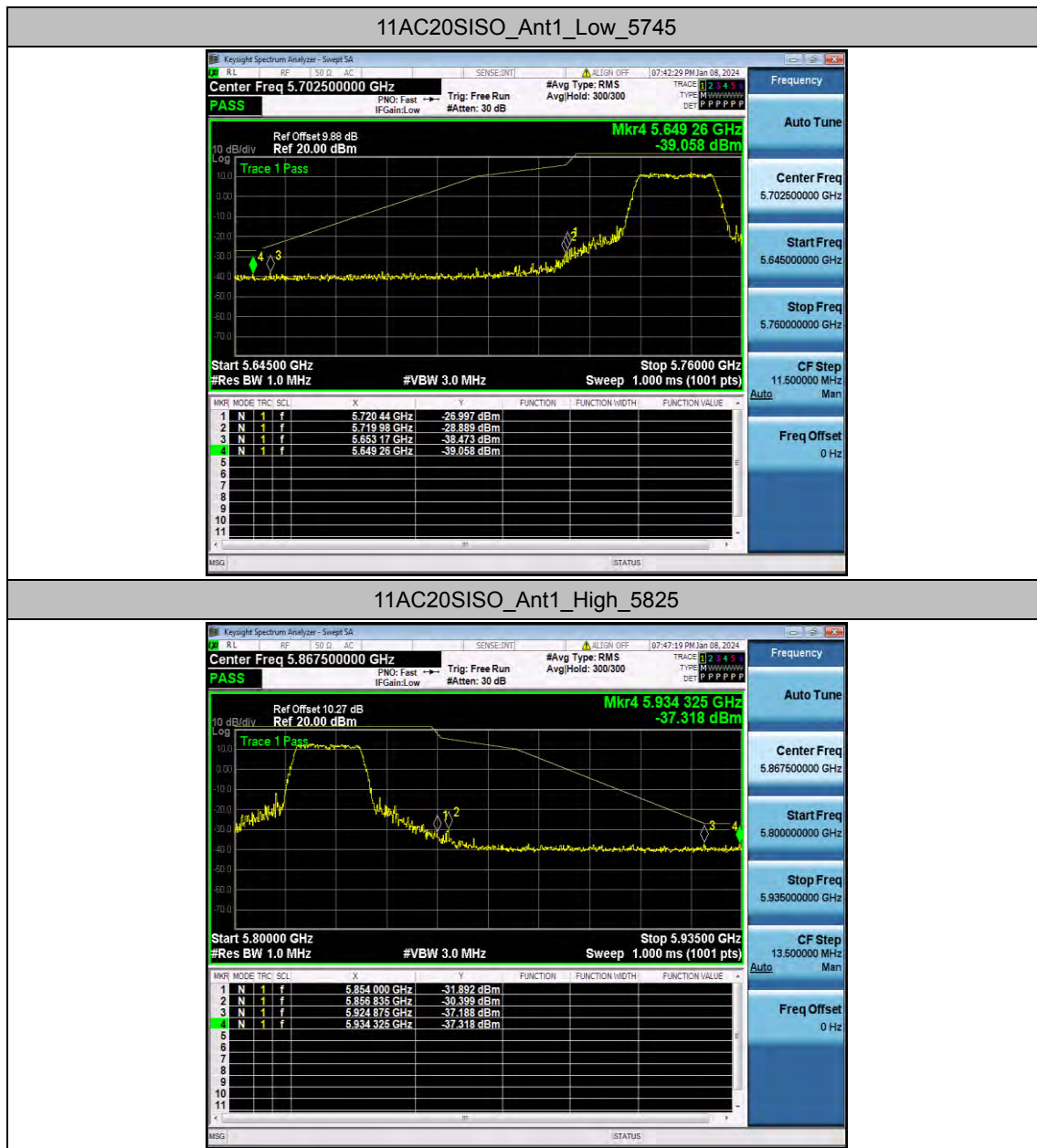


11N40SISO_Ant1_Low_5755

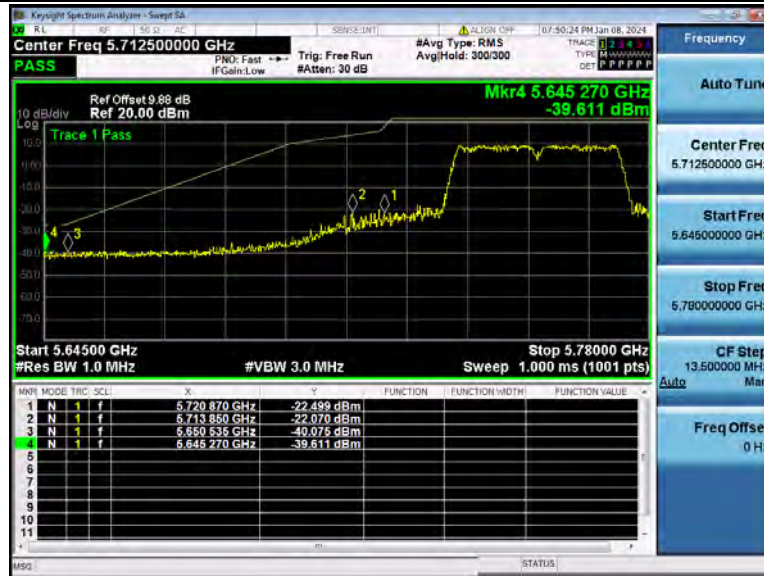


11N40SISO_Ant1_High_5795





11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795





11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



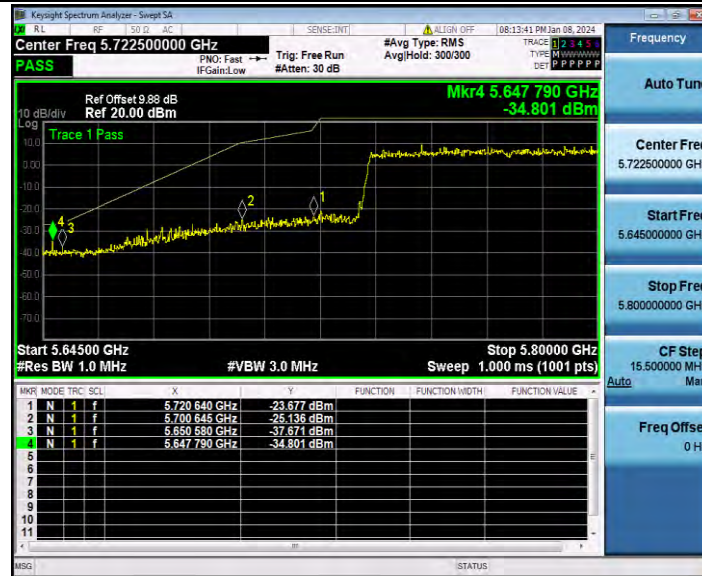
11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



11AX80SISO_Ant1_High_5775



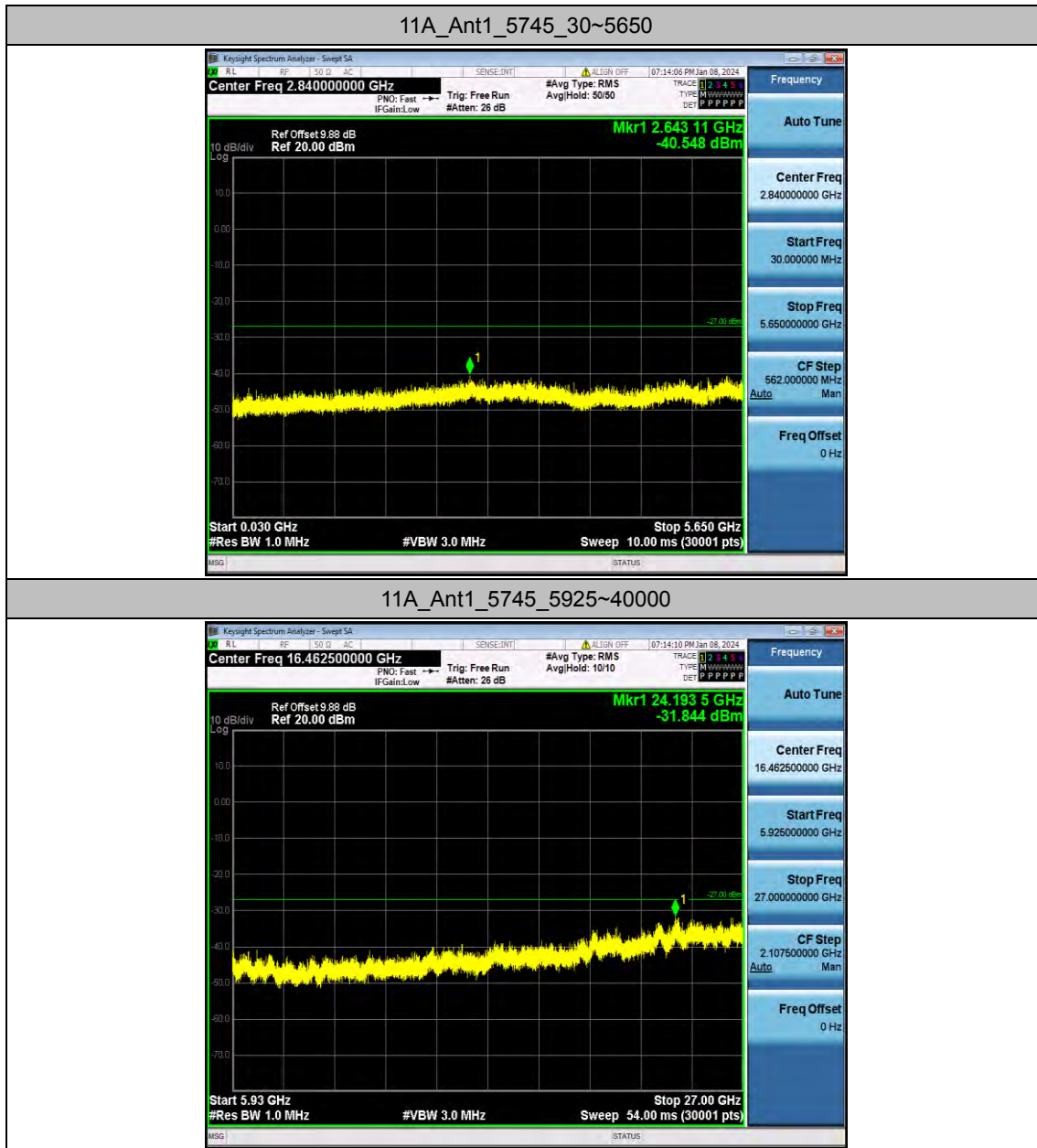
Appendix G.7: Conducted Spurious Emission

Test Result

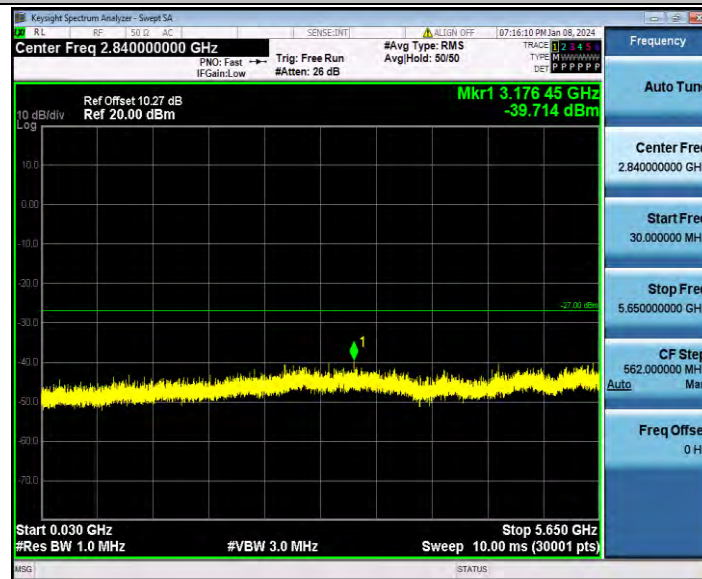
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	2643.11	-40.55	≤-27	PASS
			5925~40000	24193.51	-31.84	≤-27	PASS
		5785	30~5650	3176.45	-39.71	≤-27	PASS
			5925~40000	24874.94	-32.12	≤-27	PASS
		5825	30~5650	2637.12	-39.76	≤-27	PASS
			5925~40000	23533.87	-31.29	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	2675.15	-39.55	≤-27	PASS
			5925~40000	26487.18	-31.44	≤-27	PASS
		5785	30~5650	2656.6	-40	≤-27	PASS
			5925~40000	24224.42	-31.75	≤-27	PASS
		5825	30~5650	5351.02	-39.47	≤-27	PASS
			5925~40000	26043.9	-31.7	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5430.07	-40.22	≤-27	PASS
			5925~40000	24315.75	-31.71	≤-27	PASS
		5795	30~5650	5603.73	-40.15	≤-27	PASS
			5925~40000	26820.86	-31.76	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5497.7	-39.92	≤-27	PASS
			5925~40000	26012.29	-32.01	≤-27	PASS
		5785	30~5650	5312.99	-39.63	≤-27	PASS
			5925~40000	26027.74	-31.81	≤-27	PASS
		5825	30~5650	5495.08	-40.35	≤-27	PASS
			5925~40000	24166.82	-31.28	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5434.19	-40.02	≤-27	PASS
			5925~40000	26780.82	-32.03	≤-27	PASS
		5795	30~5650	5475.03	-39.32	≤-27	PASS
			5925~40000	24082.52	-31.51	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5645.69	-38.4	≤-27	PASS
			5925~40000	24197.03	-31.37	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5486.27	-39.44	≤-27	PASS
			5925~40000	26010.88	-31.8	≤-27	PASS
		5785	30~5650	5310.93	-39.15	≤-27	PASS
			5925~40000	26073.4	-31.44	≤-27	PASS
		5825	30~5650	5353.83	-39.56	≤-27	PASS
			5925~40000	26618.54	-30.73	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5522.43	-40.37	≤-27	PASS
			5925~40000	26484.37	-31.51	≤-27	PASS

		5795	30~5650	5431.94	-39.29	≤ -27	PASS
			5925~40000	24277.11	-31.84	≤ -27	PASS
11AX80SISO	Ant1	5775	30~5650	5456.86	-40.43	≤ -27	PASS
			5925~40000	26545.48	-31.98	≤ -27	PASS

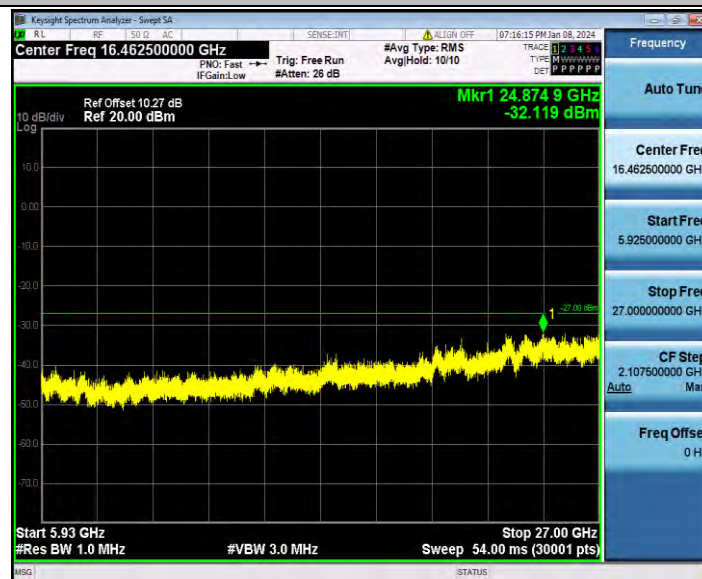
Test Graphs



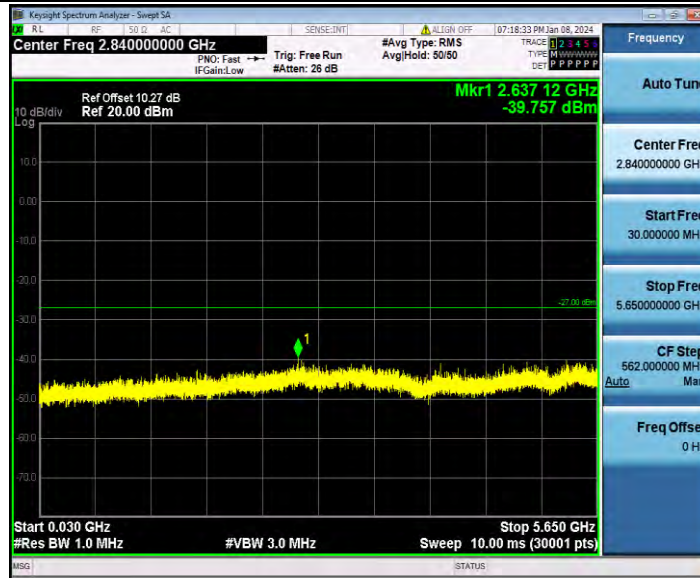
11A_Ant1_5785_30~5650



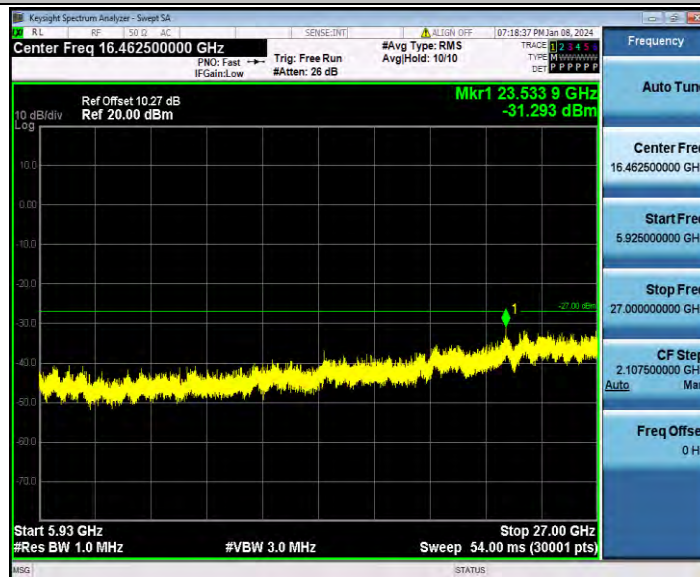
11A_Ant1_5785_5925~40000



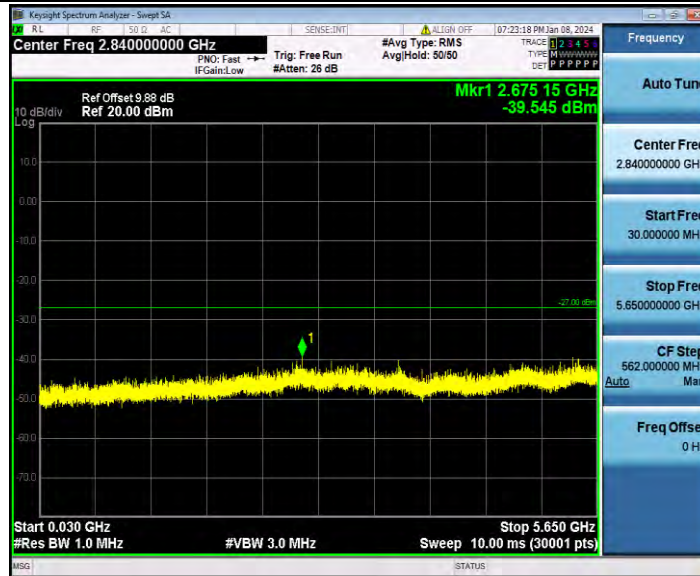
11A_Ant1_5825_30~5650



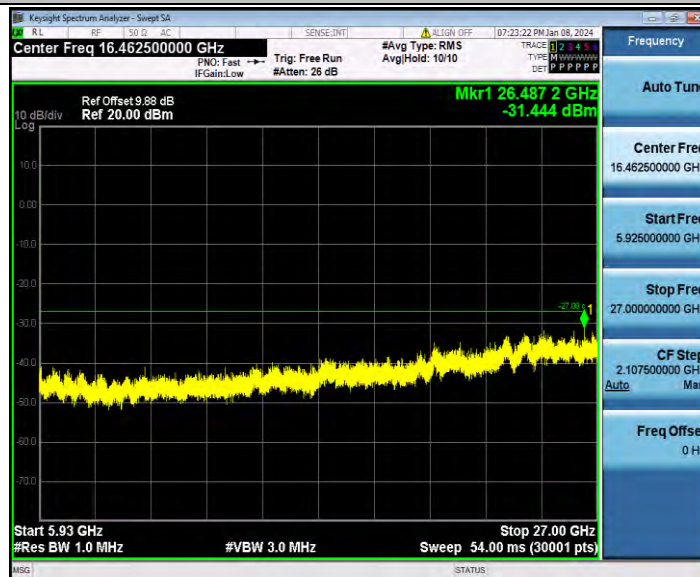
11A_Ant1_5825_5925~40000

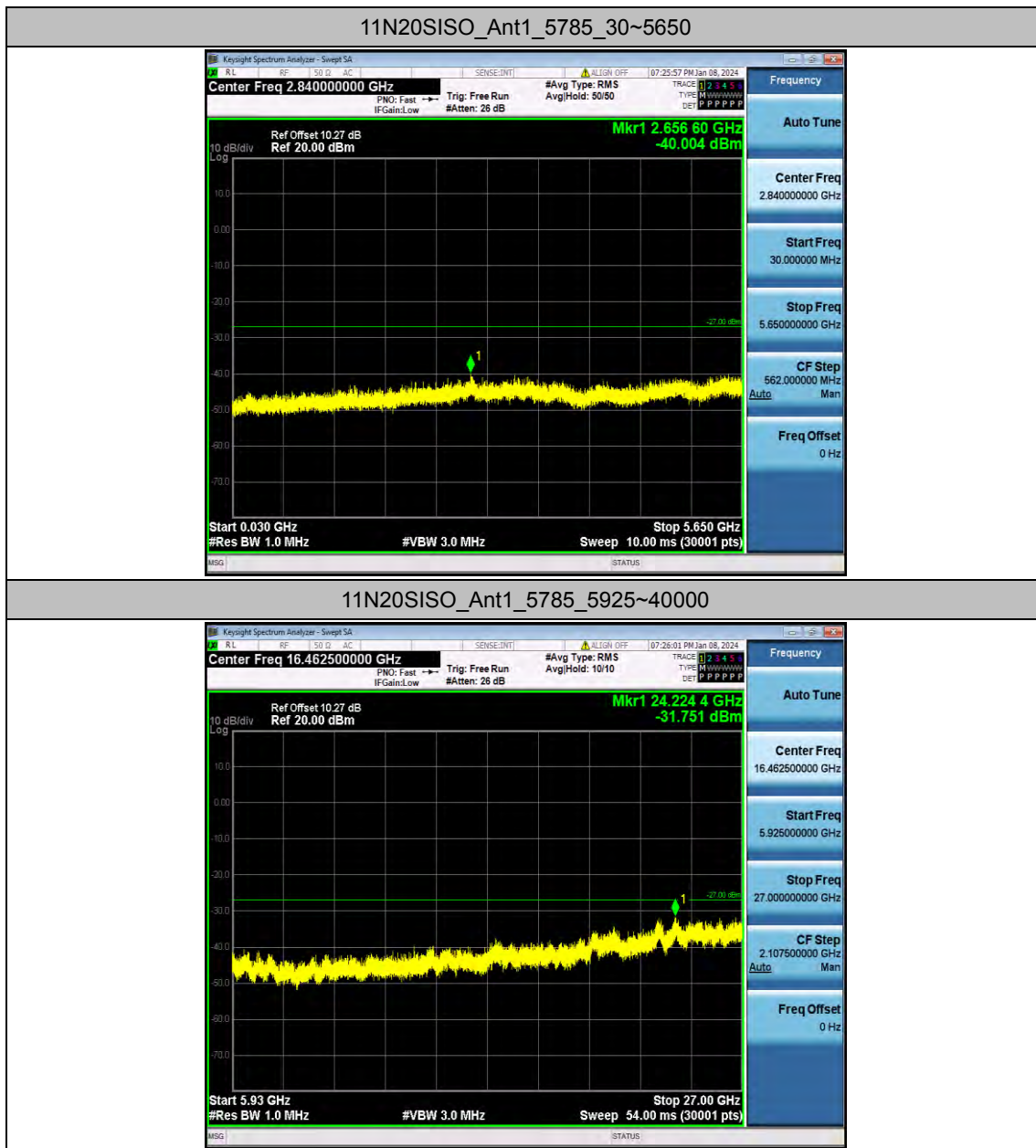


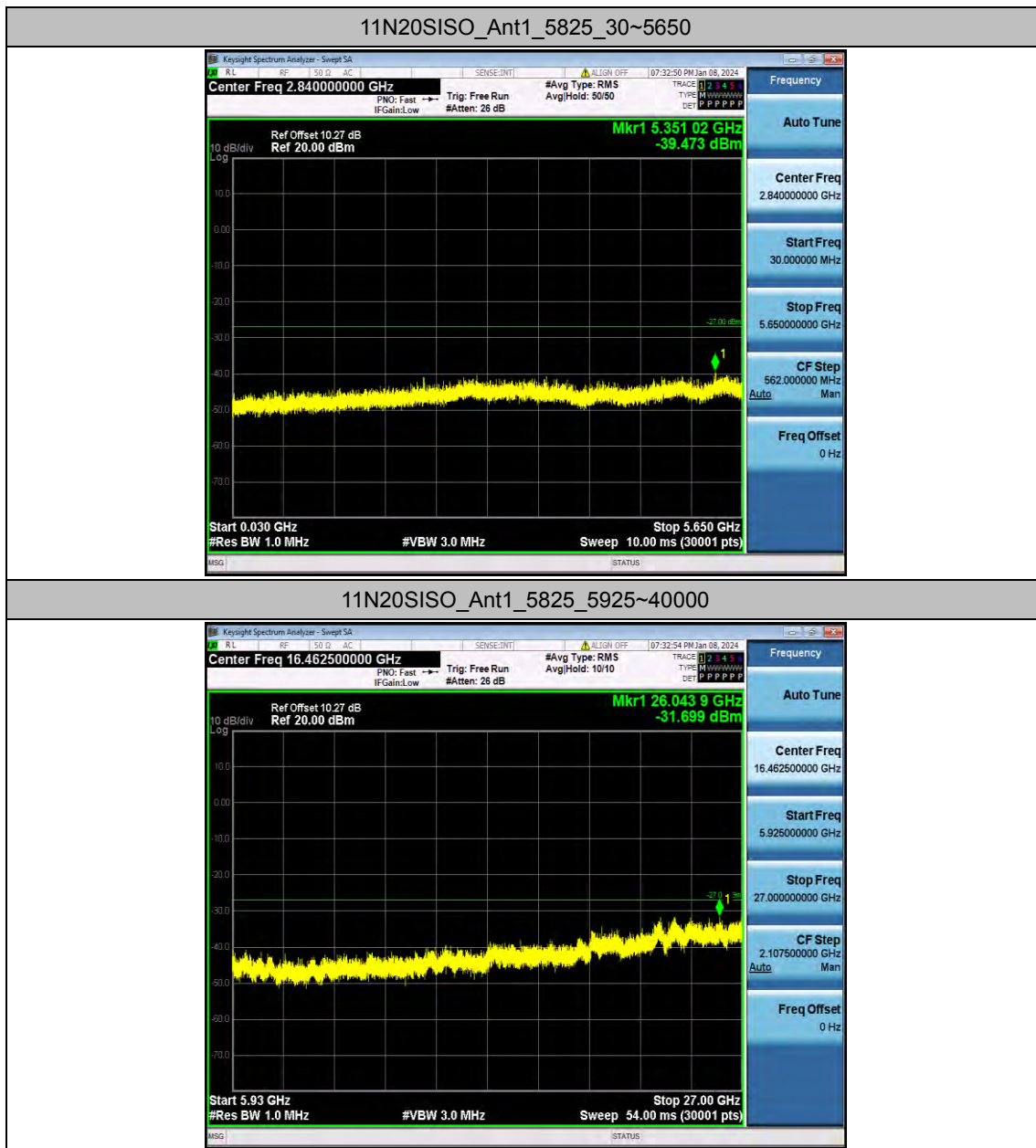
11N20SISO_Ant1_5745_30~5650

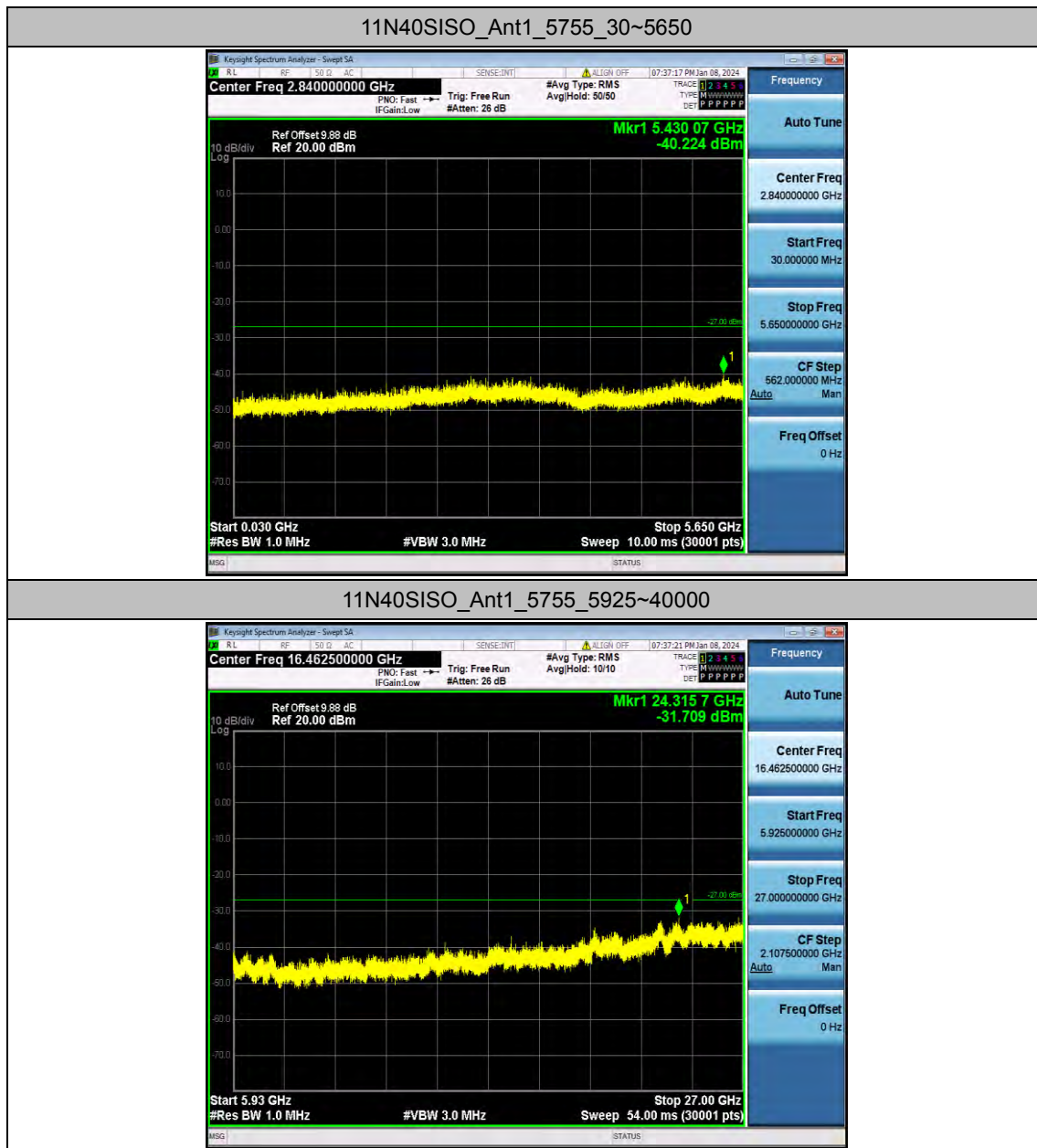


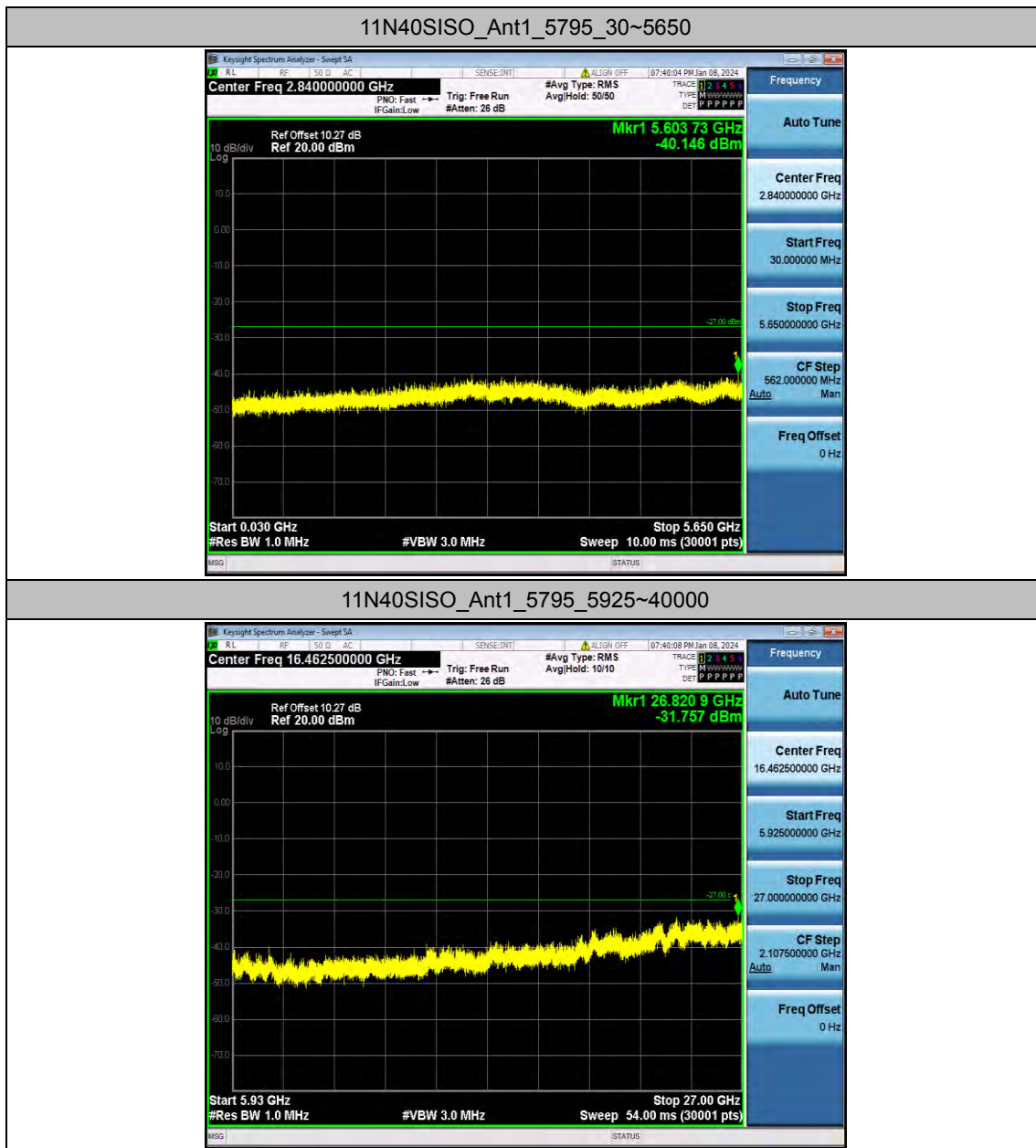
11N20SISO_Ant1_5745_5925~40000



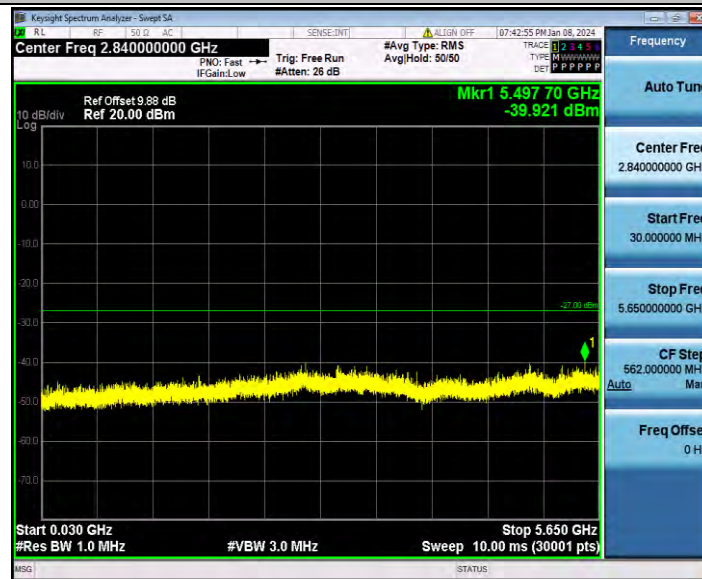








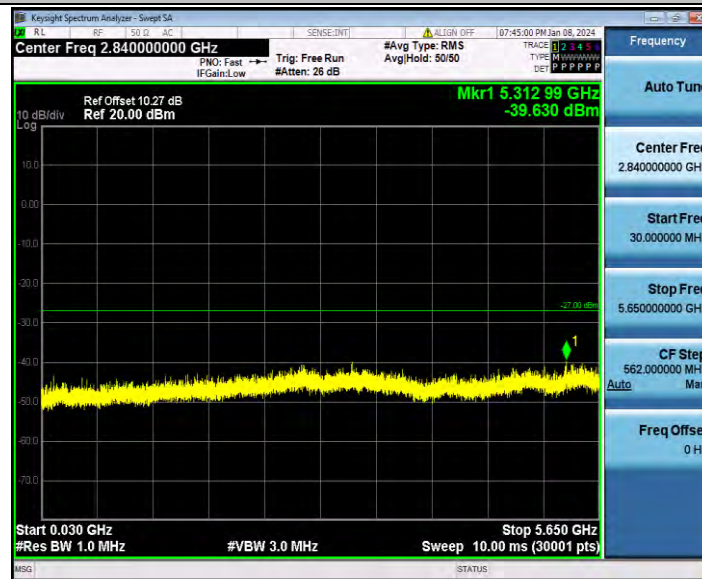
11AC20SISO_Ant1_5745_30~5650



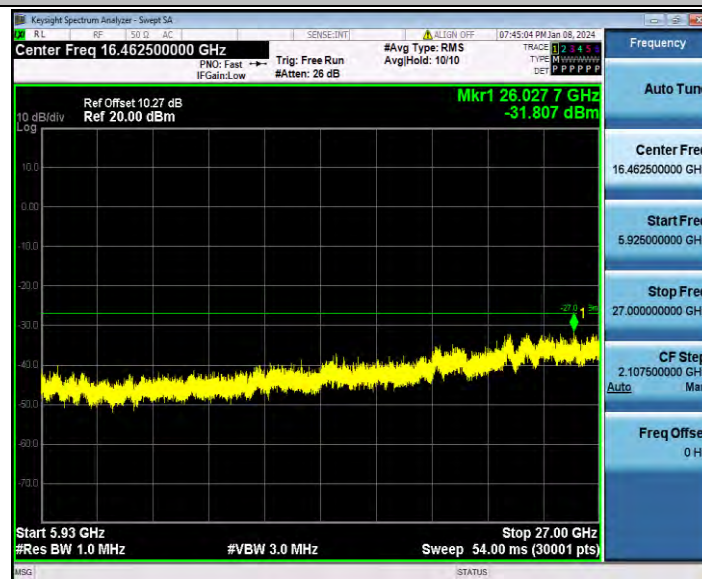
11AC20SISO_Ant1_5745_5925~40000



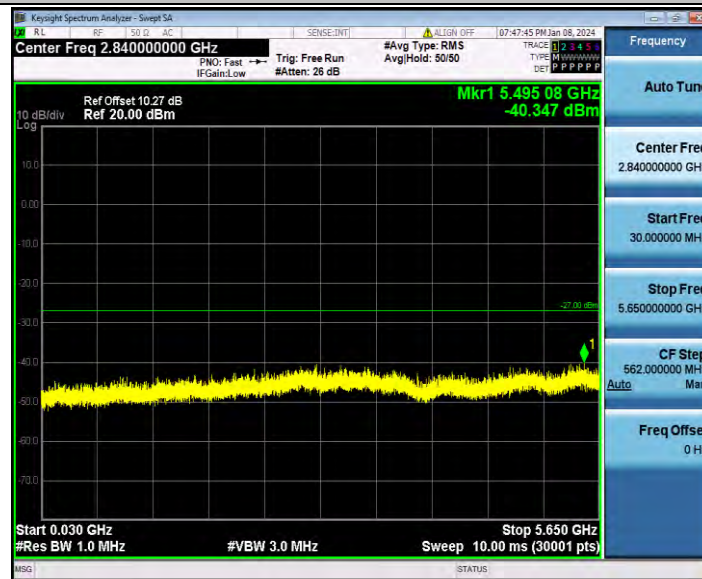
11AC20SISO_Ant1_5785_30~5650



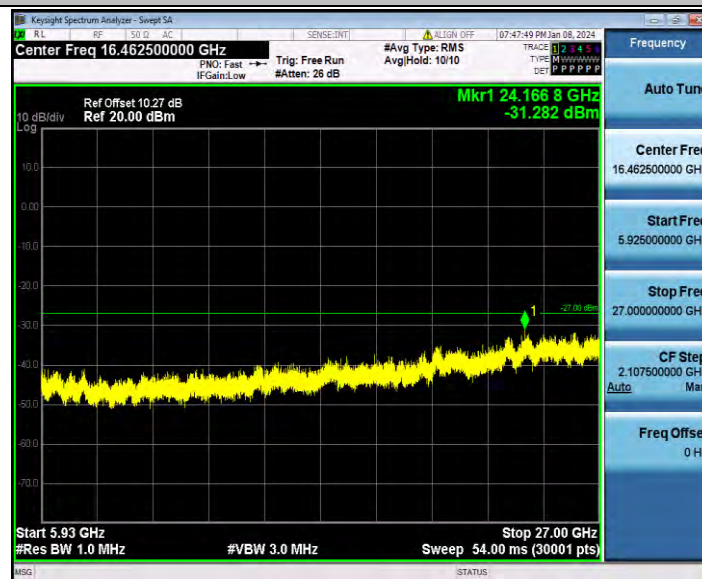
11AC20SISO_Ant1_5785_5925~40000



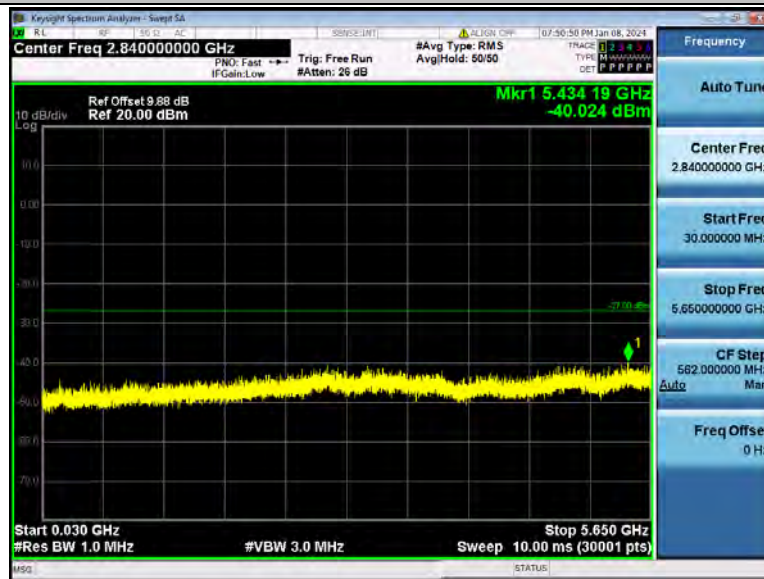
11AC20SISO_Ant1_5825_30~5650



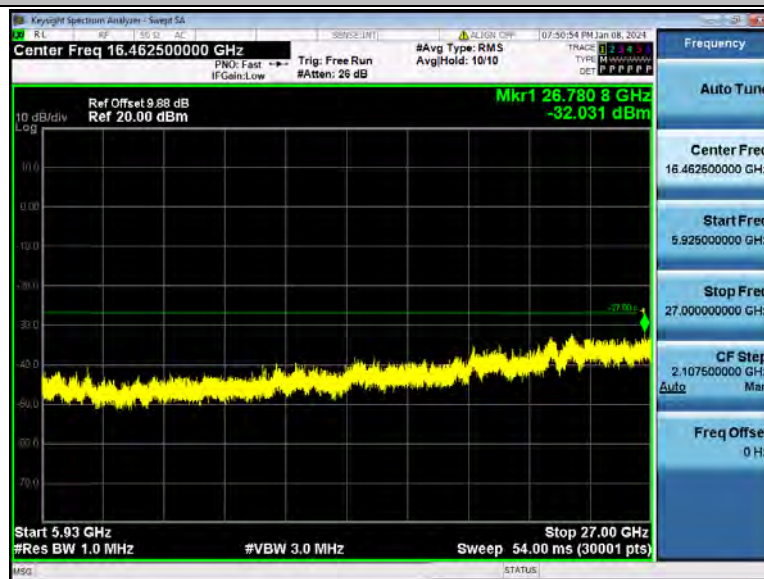
11AC20SISO_Ant1_5825_5925~40000

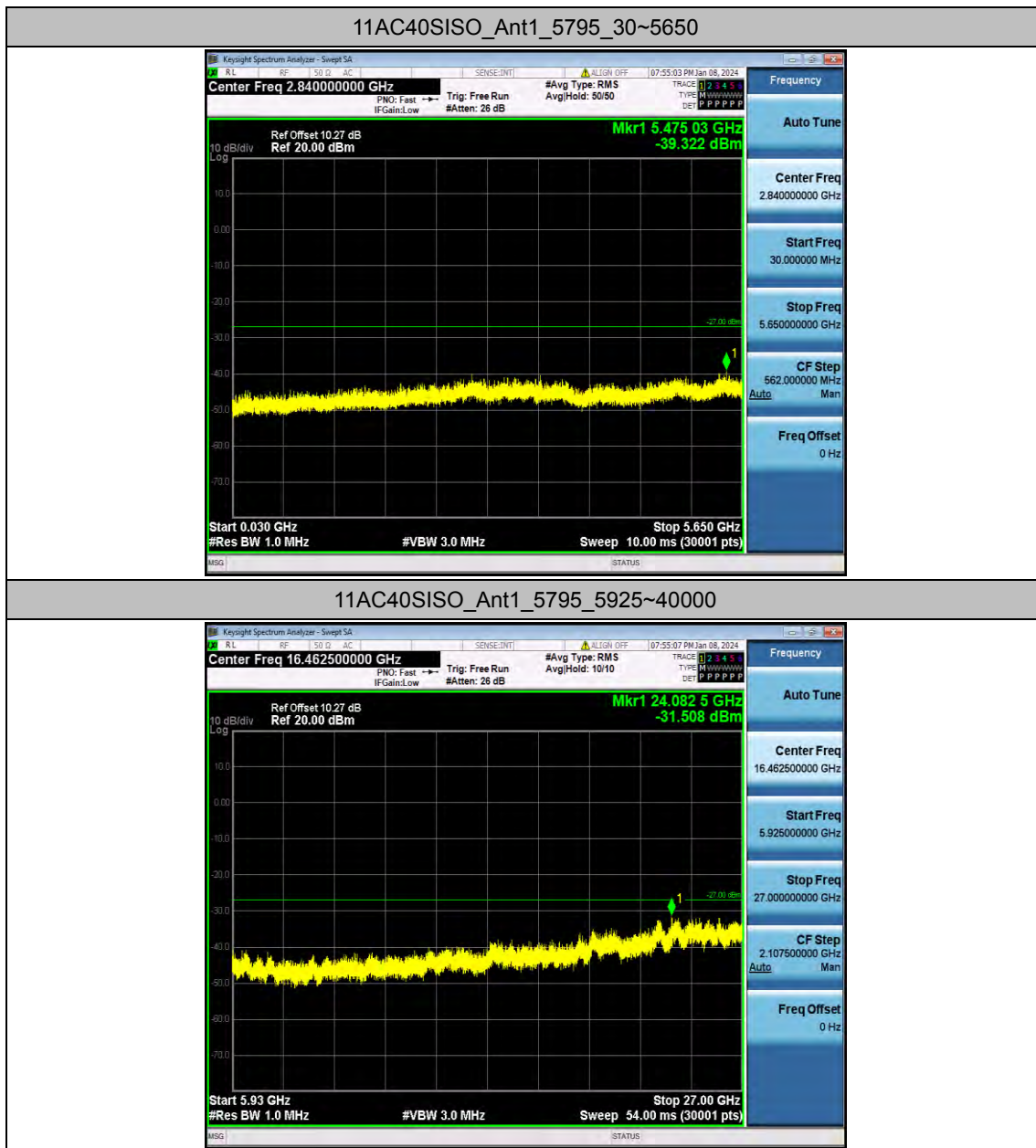


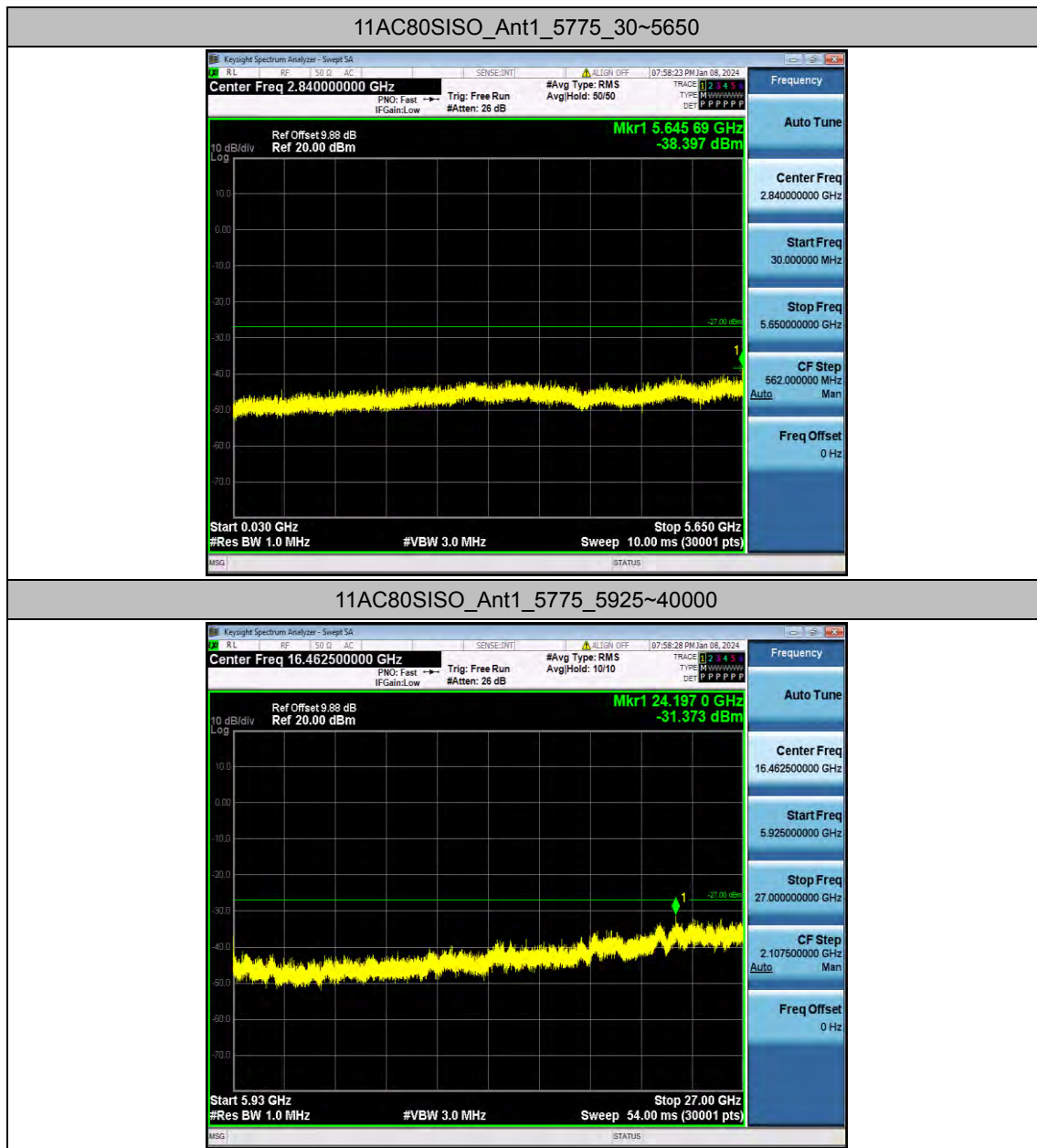
11AC40SISO_Ant1_5755_30~5650

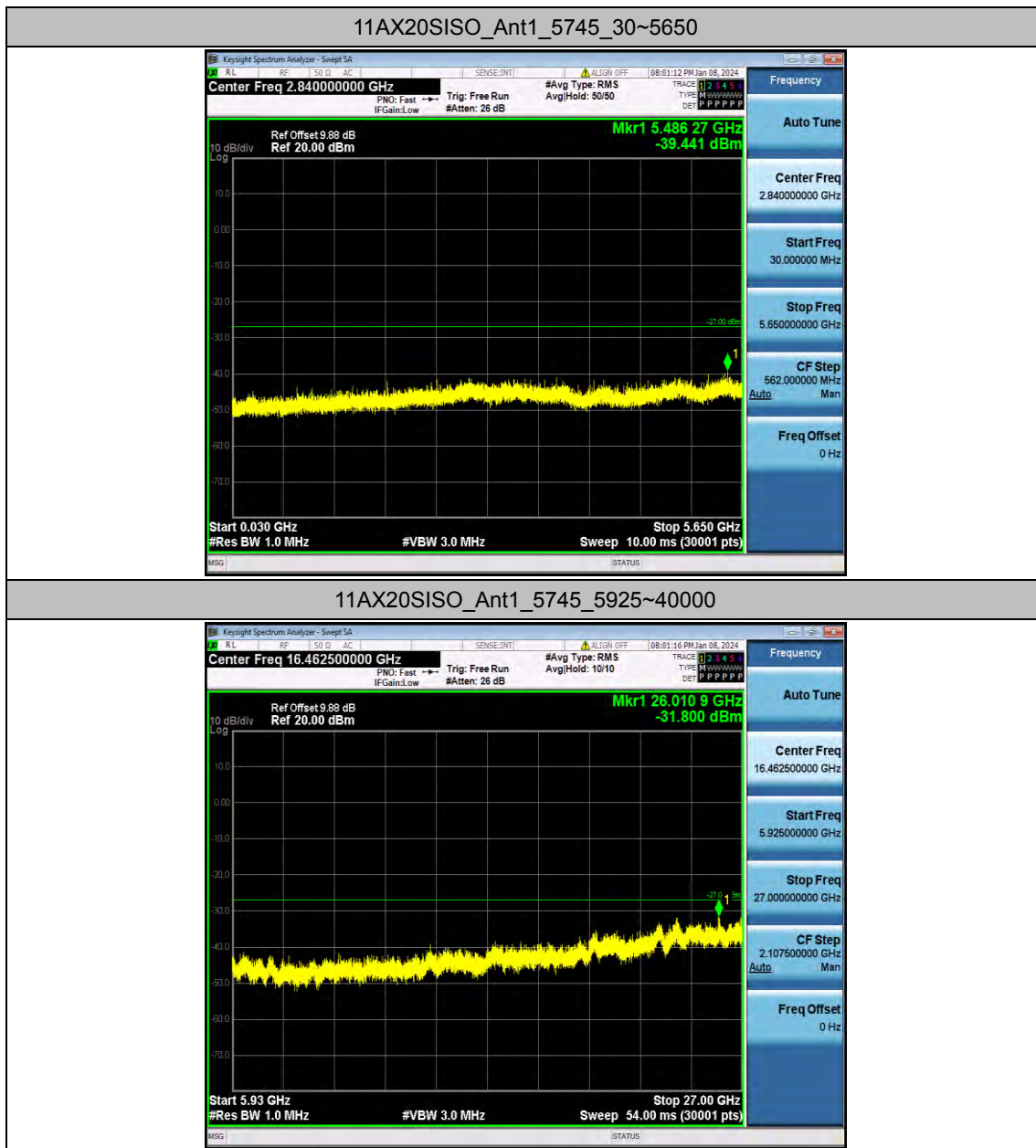


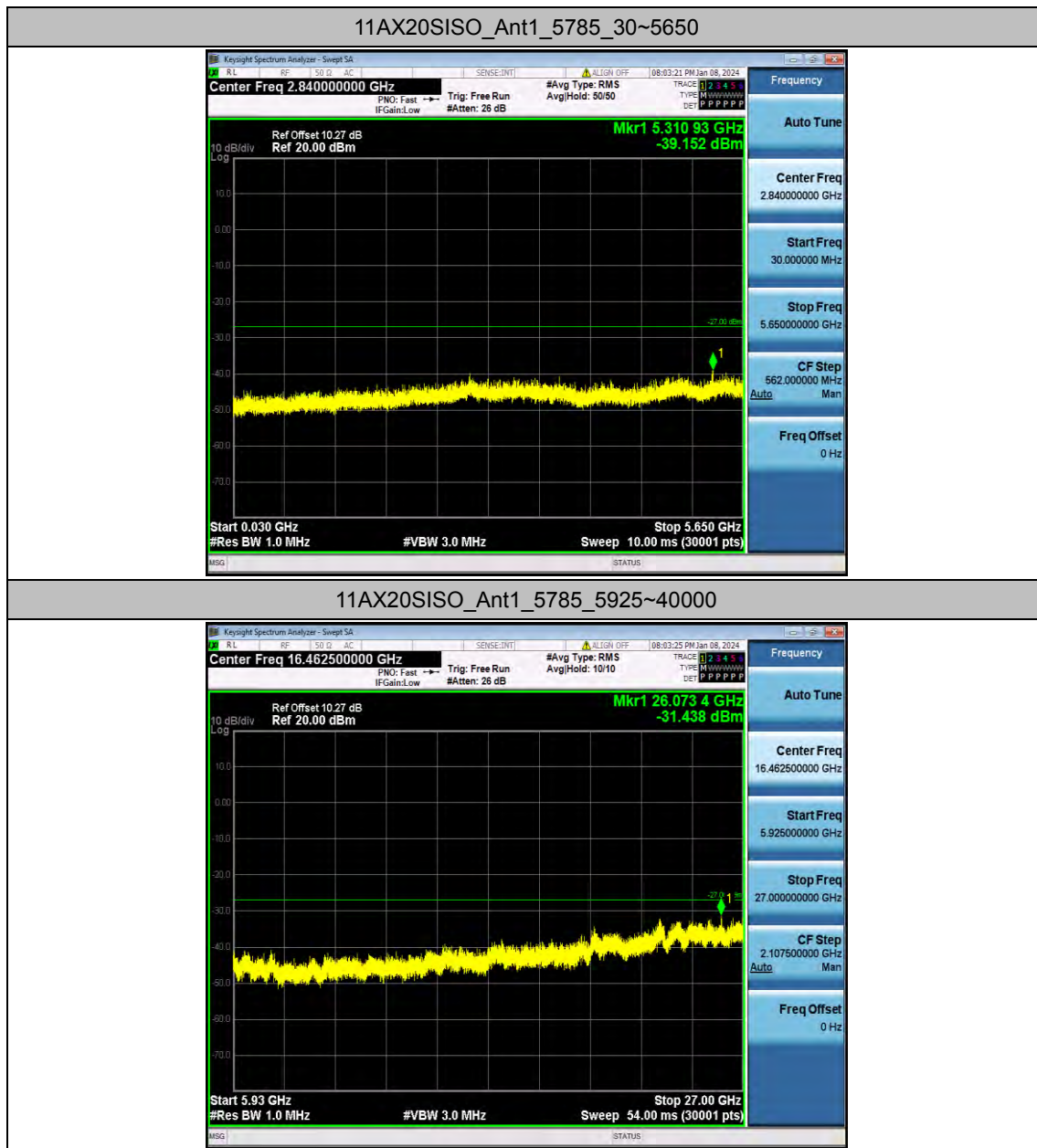
11AC40SISO_Ant1_5755_5925~40000







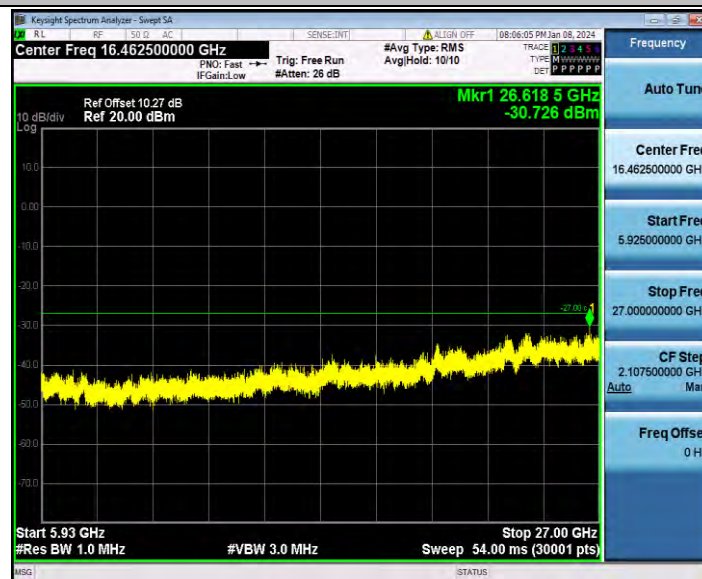


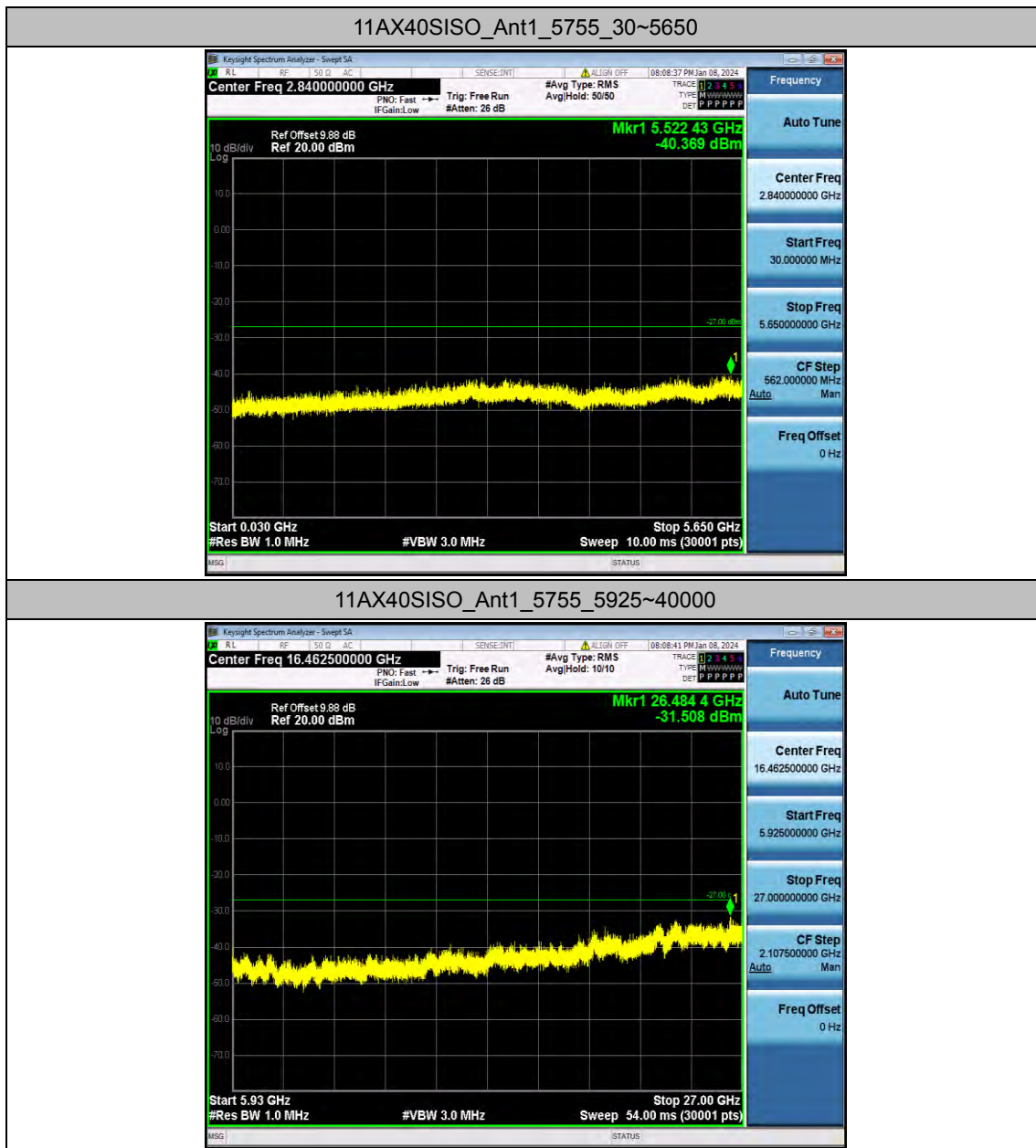


11AX20SISO_Ant1_5825_30~5650

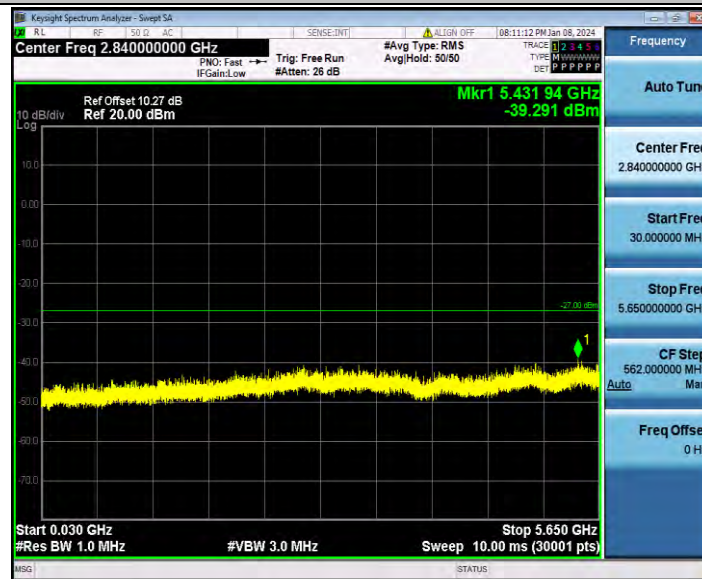


11AX20SISO_Ant1_5825_5925~40000

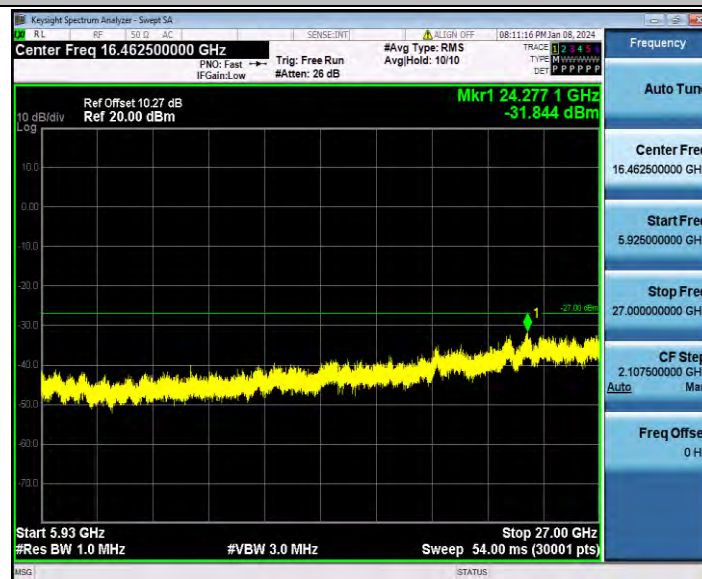




11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~40000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~40000



Appendix G.8: Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-38.74 5	≤-27.00	---	---	PASS
				Peak	5700.000	-38.84	≤10.00	---	---	PASS
				Peak	5720.000	-37.05	≤15.60	---	---	PASS
				Peak	5725.000	-30.24	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-29.68 6	≤27.00	---	---	PASS
				Peak	5855.000	-37.33	≤15.60	---	---	PASS
				Peak	5875.000	-38	≤10.00	---	---	PASS
				Peak	5925.000	-38.64	≤-27.00	---	---	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-38.83	≤-27.00	---	---	PASS
				Peak	5700.000	-37.67	≤10.00	---	---	PASS
				Peak	5720.000	-29.73	≤15.60	---	---	PASS
				Peak	5725.000	-27.9	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-25.63 1	≤27.00	---	---	PASS
				Peak	5855.000	-31.03	≤15.60	---	---	PASS
				Peak	5875.000	-38.85	≤10.00	---	---	PASS
				Peak	5925.000	-39.34	≤-27.00	---	---	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-39.85 6	≤-27.00	---	---	PASS
				Peak	5700.000	-29.57	≤10.00	---	---	PASS
				Peak	5720.000	-25.49	≤15.60	---	---	PASS
				Peak	5725.000	-23.46	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-34.09 5	≤27.00	---	---	PASS
				Peak	5855.000	-34.08	≤15.60	---	---	PASS
				Peak	5875.000	-38.82	≤10.00	---	---	PASS
				Peak	5925.000	-39.26	≤-27.00	---	---	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-40.23 3	≤-27.00	---	---	PASS
				Peak	5700.000	-38.87	≤10.00	---	---	PASS
				Peak	5720.000	-30.08	≤15.60	---	---	PASS
				Peak	5725.000	-26.38	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-32.05 6	≤27.00	---	---	PASS

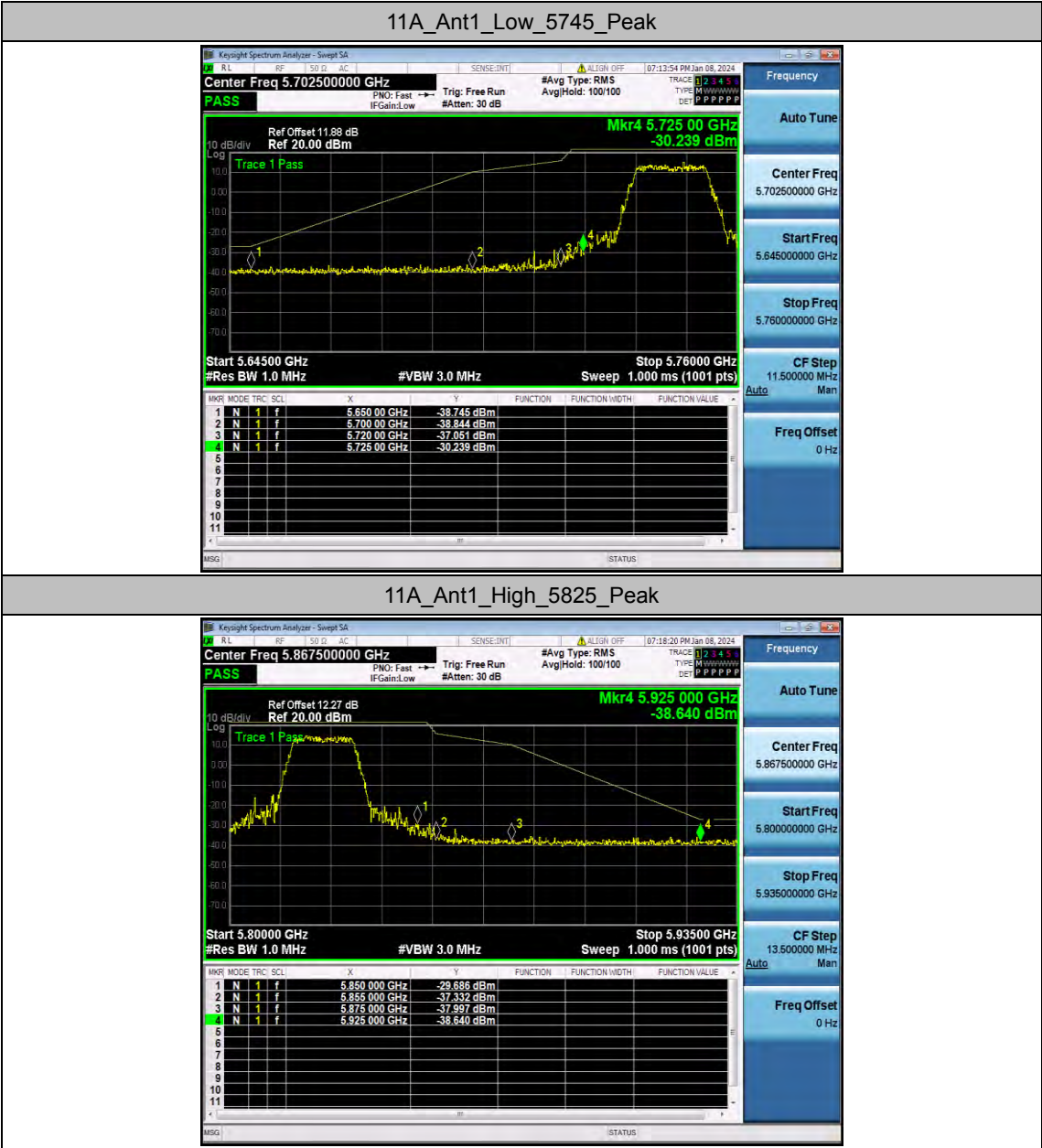
				Peak	5855.000	-35.44	≤15.60	---	---	PASS
				Peak	5875.000	-38.73	≤10.00	---	---	PASS
				Peak	5925.000	-38.2	≤-27.00	---	---	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-39.65 5	≤-27.00	---	---	PASS
				Peak	5700.000	-34.29	≤10.00	---	---	PASS
				Peak	5720.000	-25.5	≤15.60	---	---	PASS
				Peak	5725.000	-22.01	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-30.86 8	≤27.00	---	---	PASS
				Peak	5855.000	-33.65	≤15.60	---	---	PASS
				Peak	5875.000	-38.67	≤10.00	---	---	PASS
				Peak	5925.000	-39.69	≤-27.00	---	---	PASS
11AC80SI SO	Ant1	Low	5775	Peak	5650.000	-39.7	≤-27.00	---	---	PASS
				Peak	5700.000	-26.12	≤10.00	---	---	PASS
				Peak	5720.000	-26.8	≤15.60	---	---	PASS
				Peak	5725.000	-23.65	≤27.00	---	---	PASS
		High	5775	Peak	5850.000	-26.89 5	≤27.00	---	---	PASS
				Peak	5855.000	-28.81	≤15.60	---	---	PASS
				Peak	5875.000	-31.87	≤10.00	---	---	PASS
				Peak	5925.000	-34.58	≤-27.00	---	---	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-39.25 1	≤-27.00	---	---	PASS
				Peak	5700.000	-38.46	≤10.00	---	---	PASS
				Peak	5720.000	-25.11	≤15.60	---	---	PASS
				Peak	5725.000	-24.22	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-26.95 9	≤27.00	---	---	PASS
				Peak	5855.000	-31.56	≤15.60	---	---	PASS
				Peak	5875.000	-38.97	≤10.00	---	---	PASS
				Peak	5925.000	-36.56	≤-27.00	---	---	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-39.87 8	≤-27.00	---	---	PASS
				Peak	5700.000	-34.35	≤10.00	---	---	PASS
				Peak	5720.000	-22.02	≤15.60	---	---	PASS
				Peak	5725.000	-24.74	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-32.45 5	≤27.00	---	---	PASS
				Peak	5855.000	-30.76	≤15.60	---	---	PASS
				Peak	5875.000	-38.42	≤10.00	---	---	PASS
				Peak	5925.000	-39.63	≤-27.00	---	---	PASS
11AX80SI	Ant1	Low	5775	Peak	5650.000	-39.85	≤-27.00	---	---	PASS

SO						9				
				Peak	5700.000	-28.4	≤10.00	---	---	PASS
				Peak	5720.000	-22.62	≤15.60	---	---	PASS
		High	5775	Peak	5725.000	-24.73	≤27.00	- - -	- - -	PASS
				Peak	5850.000	-29.71 4	≤27.00	---	---	PASS
				Peak	5855.000	-29.62	≤15.60	---	---	PASS
				Peak	5875.000	-31.54	≤10.00	---	---	PASS
				Peak	5925.000	-36.64	≤-27.00	- - -	- - -	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs



11N20SISO_Ant1_Low_5745_Peak



11N20SISO_Ant1_High_5825_Peak



11N40SISO_Ant1_Low_5755_Peak



11N40SISO_Ant1_High_5795_Peak



11AC20SISO_Ant1_Low_5745_Peak



11AC20SISO_Ant1_High_5825_Peak





11AC40SISO_Ant1_High_5795_Peak

Frequency
Auto Tune
Center Freq 5.852500000 GHz
Start Freq 5.770000000 GHz
Stop Freq 5.935000000 GHz
CF Step 16.500000 MHz
Auto
Freq Offset 0 Hz

11AC80SISO_Ant1_Low_5775_Peak



11AC80SISO_Ant1_High_5775_Peak



11AX20SISO_Ant1_Low_5745_Peak



11AX20SISO_Ant1_High_5825_Peak



11AX40SISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak



