

Appendix G.4: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5745	10.33	68.14	1.67	12.00	≤30.00	PASS
		5785	12.50	97.89	0.09	12.59	≤30.00	PASS
		5825	12.72	97.20	0.12	12.84	≤30.00	PASS
11N20SI SO	Ant0	5745	11.77	97.89	0.09	11.86	≤30.00	PASS
		5785	11.30	97.20	0.12	11.42	≤30.00	PASS
		5825	12.15	97.90	0.09	12.24	≤30.00	PASS
11N40SI SO	Ant0	5755	9.15	95.59	0.20	9.35	≤30.00	PASS
		5795	9.70	94.20	0.26	9.96	≤30.00	PASS
11AC20S ISO	Ant0	5745	10.57	97.04	0.13	10.70	≤30.00	PASS
		5785	11.46	97.76	0.10	11.56	≤30.00	PASS
		5825	11.43	97.04	0.13	11.56	≤30.00	PASS
11AC40S ISO	Ant0	5755	8.84	95.59	0.20	9.04	≤30.00	PASS
		5795	9.37	94.20	0.26	9.63	≤30.00	PASS
11AC80S ISO	Ant0	5775	6.40	88.89	0.51	6.91	≤30.00	PASS
11AX20SI SO	Ant0	5745	8.79	97.14	0.13	8.92	≤30.00	PASS
		5785	9.90	96.19	0.17	10.07	≤30.00	PASS
		5825	9.89	96.19	0.17	10.06	≤30.00	PASS
11AX40SI SO	Ant0	5755	8.67	94.74	0.23	8.90	≤30.00	PASS
		5795	9.54	92.98	0.32	9.86	≤30.00	PASS
11AX80SI SO	Ant0	5775	7.54	50.10	3.00	10.54	≤30.00	PASS

Note:

1. The Duty Cycle Factor is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the data.

Appendix G.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5745	-0.35	≤30.00	PASS
		5785	-0.99	≤30.00	PASS
		5825	-0.94	≤30.00	PASS
11N20SISO	Ant0	5745	-1.73	≤30.00	PASS
		5785	-2.02	≤30.00	PASS
		5825	-1.77	≤30.00	PASS
11N40SISO	Ant0	5755	-6.78	≤30.00	PASS
		5795	-5.91	≤30.00	PASS
11AC20SISO	Ant0	5745	-3.36	≤30.00	PASS
		5785	-2.52	≤30.00	PASS
		5825	-2.40	≤30.00	PASS
11AC40SISO	Ant0	5755	-6.97	≤30.00	PASS
		5795	-6.35	≤30.00	PASS
11AC80SISO	Ant0	5775	-12.26	≤30.00	PASS
11AX20SISO	Ant0	5745	-5.67	≤30.00	PASS
		5785	-4.32	≤30.00	PASS
		5825	-4.41	≤30.00	PASS
11AX40SISO	Ant0	5755	-7.43	≤30.00	PASS
		5795	-6.54	≤30.00	PASS
11AX80SISO	Ant0	5775	-8.27	≤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

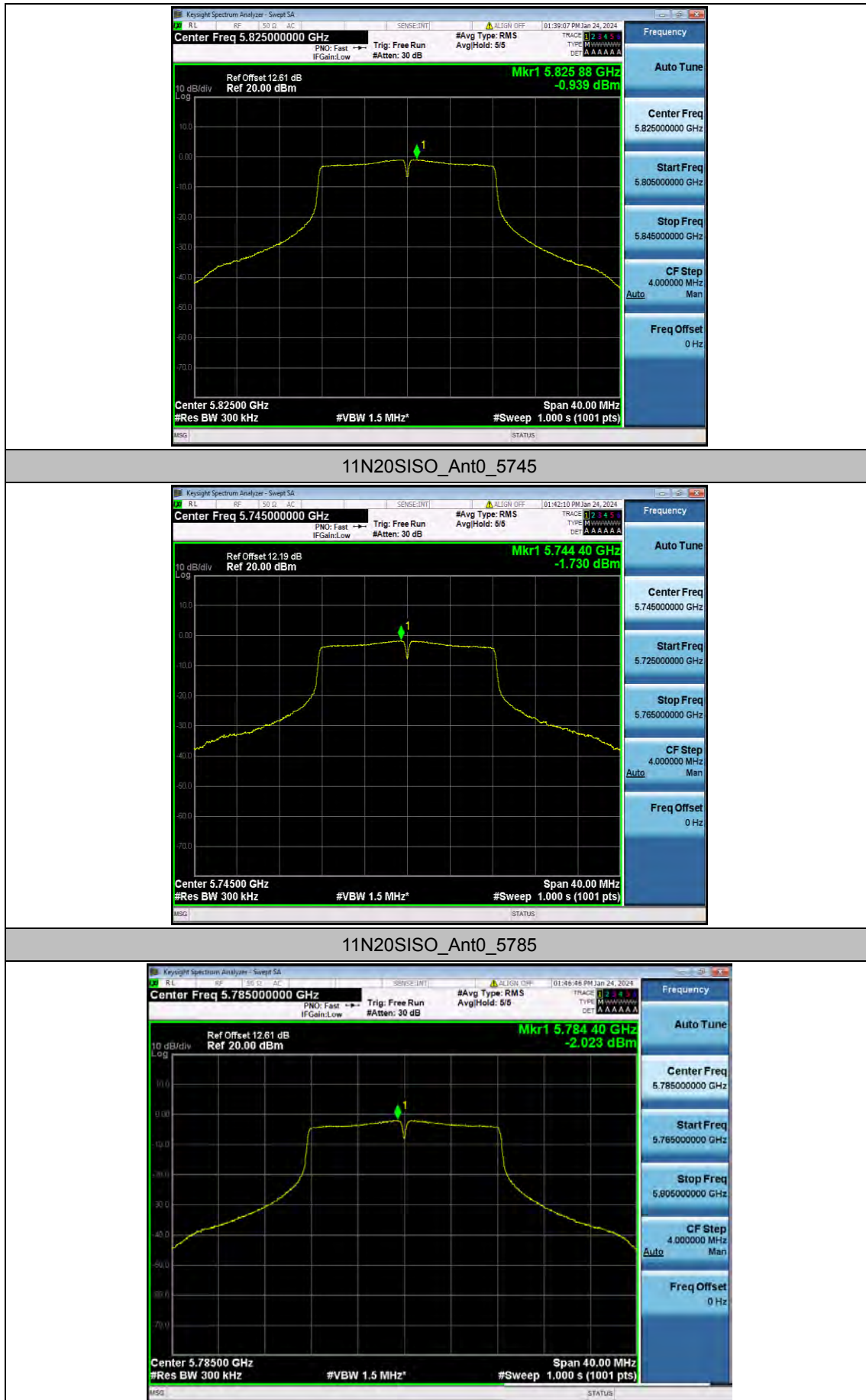
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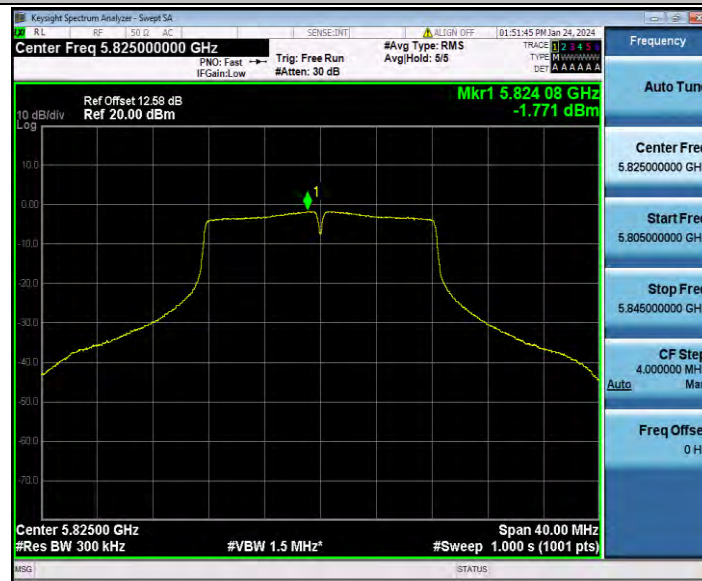
11A_Ant0_5785



11A_Ant0_5825



11N20SISO_Ant0_5825



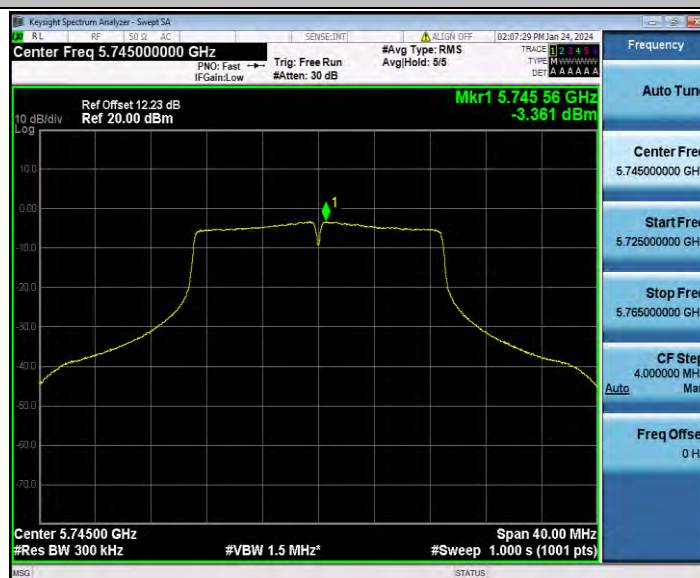
11N40SISO_Ant0_5755



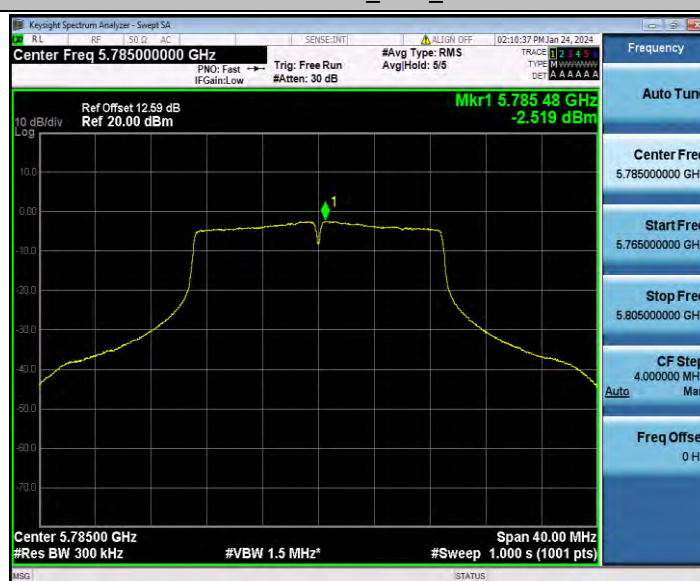
11N40SISO_Ant0_5795



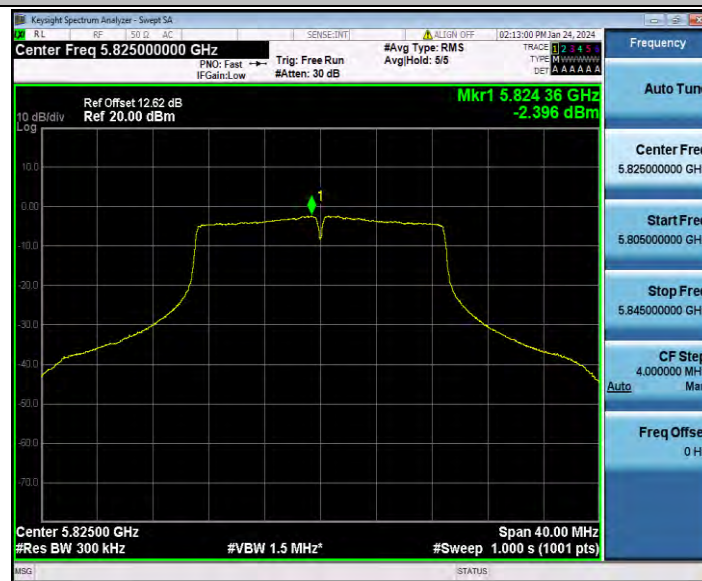
11AC20SISO_Ant0_5745



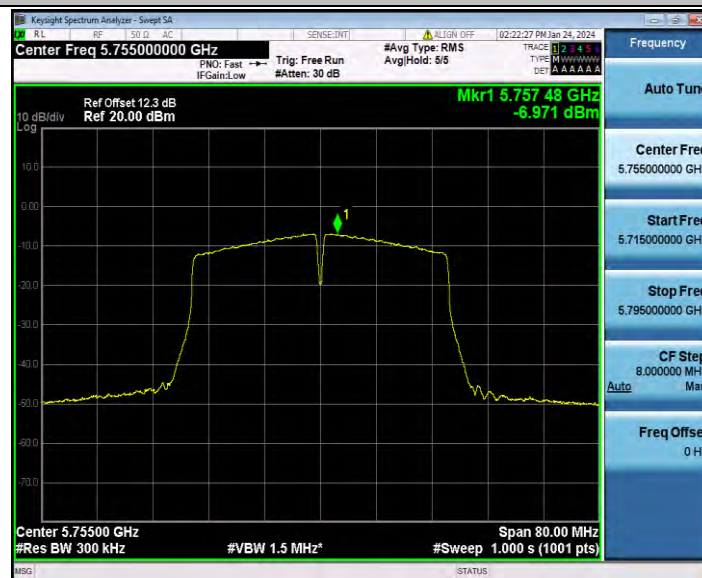
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11AC20SISO_Ant0_5825



11AC40SISO_Ant0_5755



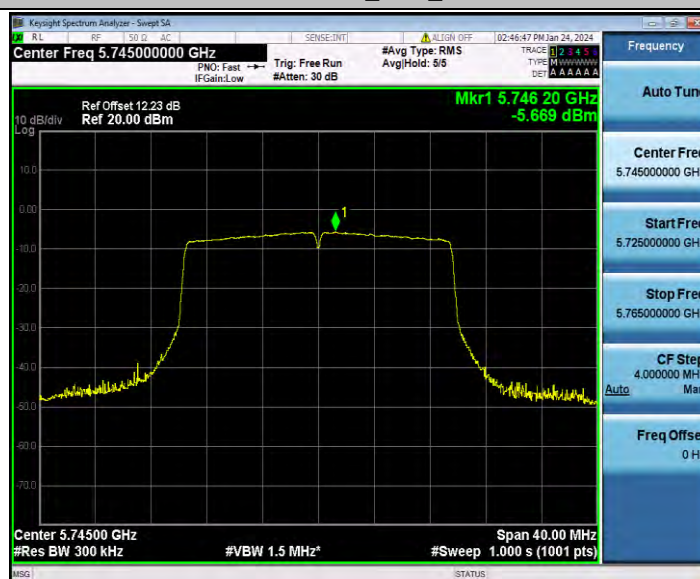
11AC40SISO_Ant0_5795



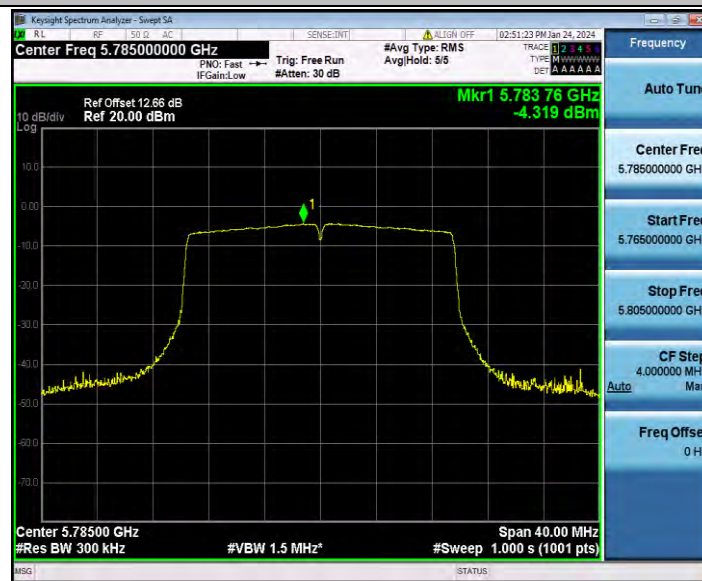
11AC80SISO_Ant0_5775



11AX20SISO_Ant0_5745



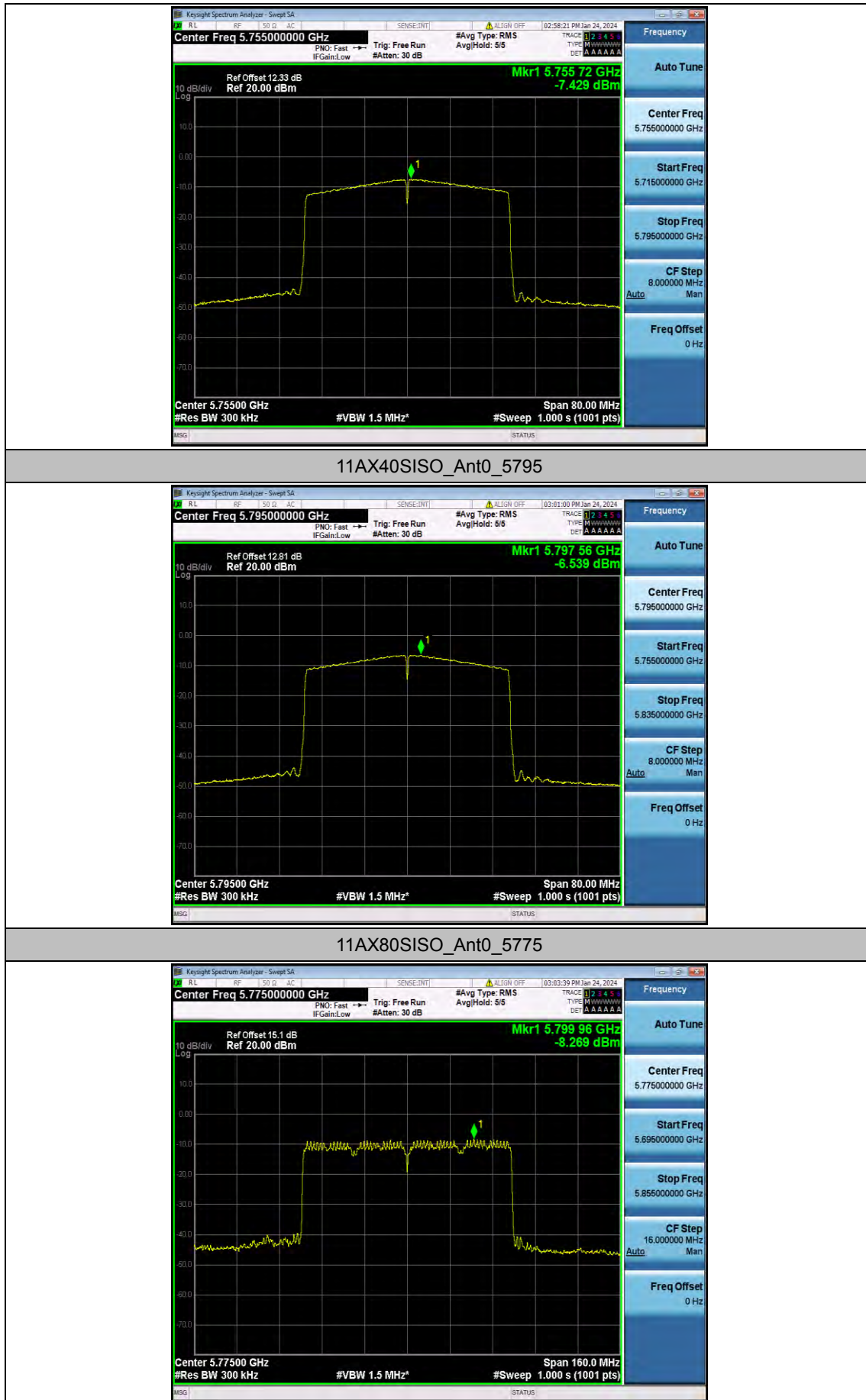
11AX20SISO_Ant0_5785



11AX20SISO_Ant0_5825



11AX40SISO_Ant0_5755



Appendix G.6: Band edge measurements

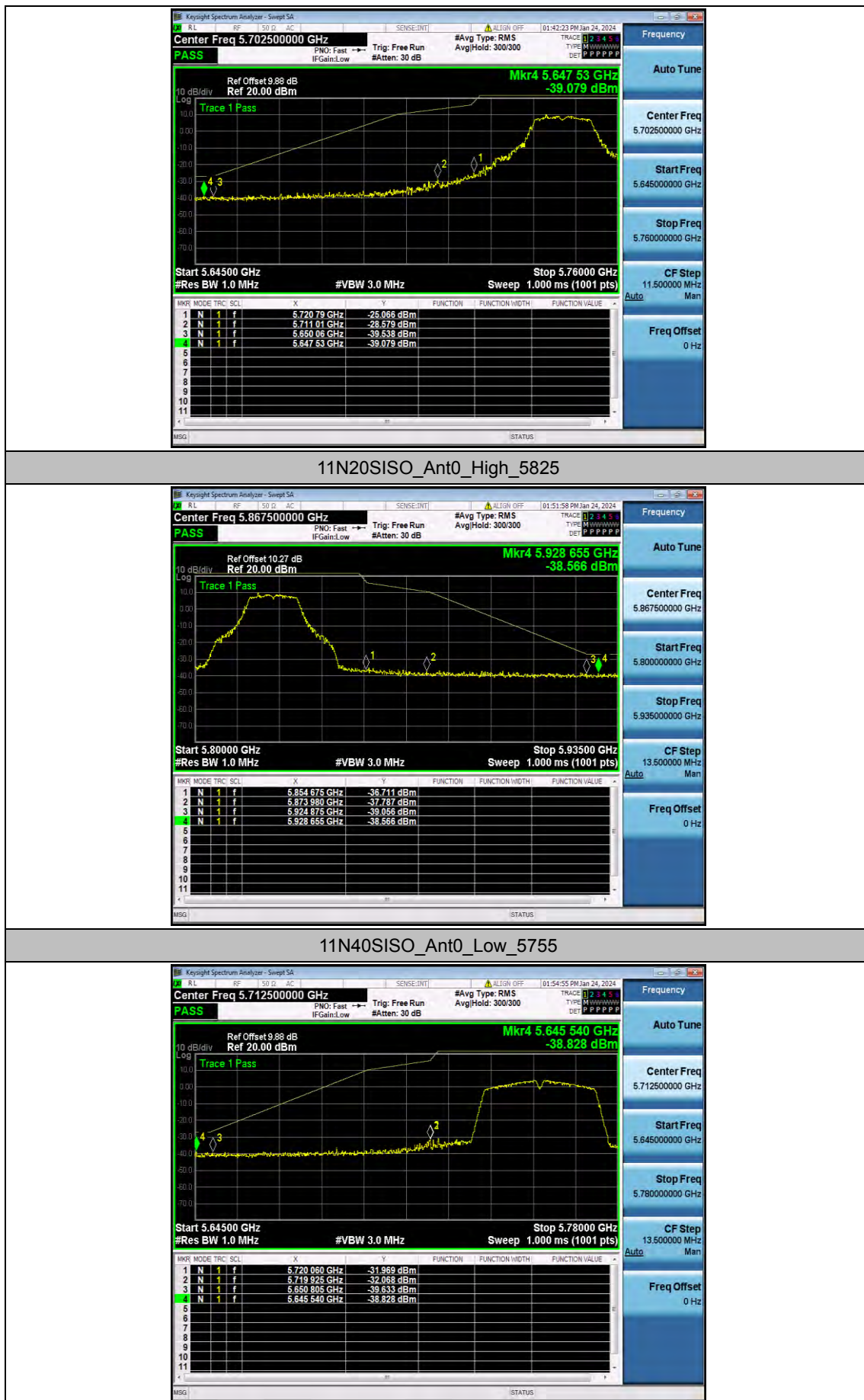
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	Low	5745	5650~5700	-39.71	≤-26.96	PASS
				5700~5720	-27.45	≤13.31	PASS
				5720~5725	-23.37	≤16.34	PASS
				5760~5650	-39.12	≤-27	PASS
		High	5825	5850~5855	-35.52	≤16.34	PASS
				5855~5875	-36.54	≤11.38	PASS
				5875~5925	-39.06	≤-26.91	PASS
				5925~5935	-36.92	≤-27	PASS
11N20SI SO	Ant0	Low	5745	5650~5700	-39.54	≤-26.96	PASS
				5700~5720	-28.58	≤13.08	PASS
				5720~5725	-25.07	≤17.39	PASS
				5760~5650	-39.08	≤-27	PASS
		High	5825	5850~5855	-36.71	≤16.34	PASS
				5855~5875	-37.79	≤10.29	PASS
				5875~5925	-39.06	≤-26.91	PASS
				5925~5935	-38.57	≤-27	PASS
11N40SI SO	Ant0	Low	5755	5650~5700	-39.63	≤-26.40	PASS
				5700~5720	-32.07	≤15.58	PASS
				5720~5725	-31.97	≤15.74	PASS
				5780~5650	-38.83	≤-27	PASS
		High	5795	5850~5855	-38.53	≤16.41	PASS
				5855~5875	-37.23	≤10.20	PASS
				5875~5925	-38.69	≤-26.95	PASS
				5925~5935	-38.06	≤-27	PASS
11AC20S ISO	Ant0	Low	5745	5650~5700	-39.87	≤-26.70	PASS
				5700~5720	-35.23	≤12.25	PASS
				5720~5725	-33.89	≤15.82	PASS
				5760~5650	-38.57	≤-27	PASS
		High	5825	5850~5855	-37.68	≤15.73	PASS
				5855~5875	-37.49	≤10.13	PASS
				5875~5925	-39.02	≤-26.81	PASS
				5925~5935	-38.61	≤-27	PASS
11AC40S ISO	Ant0	Low	5755	5650~5700	-40.01	≤-26.80	PASS
				5700~5720	-32.96	≤15.13	PASS
				5720~5725	-33.4	≤16.97	PASS
				5780~5650	-39.35	≤-27	PASS
		High	5795	5850~5855	-39.52	≤16.41	PASS

				5855~5875	-38.69	≤ 10.06	PASS
				5875~5925	-38.5	≤ -26.71	PASS
				5925~5935	-38.1	≤ -27	PASS
11AC80S ISO	Ant0	Low	5775	5650~5700	-38.4	≤ -24.74	PASS
				5700~5720	-37.98	≤ 11.22	PASS
				5720~5725	-39.64	≤ 15.65	PASS
				5800~5650	-39.8	≤ -27	PASS
		High	5775	5850~5855	-37.96	≤ 18.37	PASS
				5855~5875	-37.72	≤ 10.81	PASS
				5875~5925	-39.38	≤ -26.32	PASS
				5925~5935	-38.09	≤ -27	PASS
11AX20SI SO	Ant0	Low	5745	5650~5700	-39.45	≤ -26.96	PASS
				5700~5720	-37.92	≤ 10.67	PASS
				5720~5725	-23.76	≤ 26.83	PASS
				5760~5650	-39.59	≤ -27	PASS
		High	5825	5850~5855	-38.93	≤ 15.73	PASS
				5855~5875	-38.22	≤ 10.32	PASS
				5875~5925	-39.37	≤ -26.61	PASS
				5925~5935	-37.07	≤ -27	PASS
11AX40SI SO	Ant0	Low	5755	5650~5700	-40	≤ -26.90	PASS
				5700~5720	-30.43	≤ 15.43	PASS
				5720~5725	-32.74	≤ 16.35	PASS
				5780~5650	-38.59	≤ -27	PASS
		High	5795	5850~5855	-38.21	≤ 16.03	PASS
				5855~5875	-36.92	≤ 11.17	PASS
				5875~5925	-38.24	≤ -26.71	PASS
				5925~5935	-38.55	≤ -27	PASS
11AX80SI SO	Ant0	Low	5775	5650~5700	-38.23	≤ -26.91	PASS
				5700~5720	-30.92	≤ 10.09	PASS
				5720~5725	-32.49	≤ 15.65	PASS
				5800~5650	-38.21	≤ -27	PASS
		High	5775	5850~5855	-35.64	≤ 16.26	PASS
				5855~5875	-33.14	≤ 10.97	PASS
				5875~5925	-39.8	≤ -26.87	PASS
				5925~5935	-38.07	≤ -27	PASS

Test Graphs B4





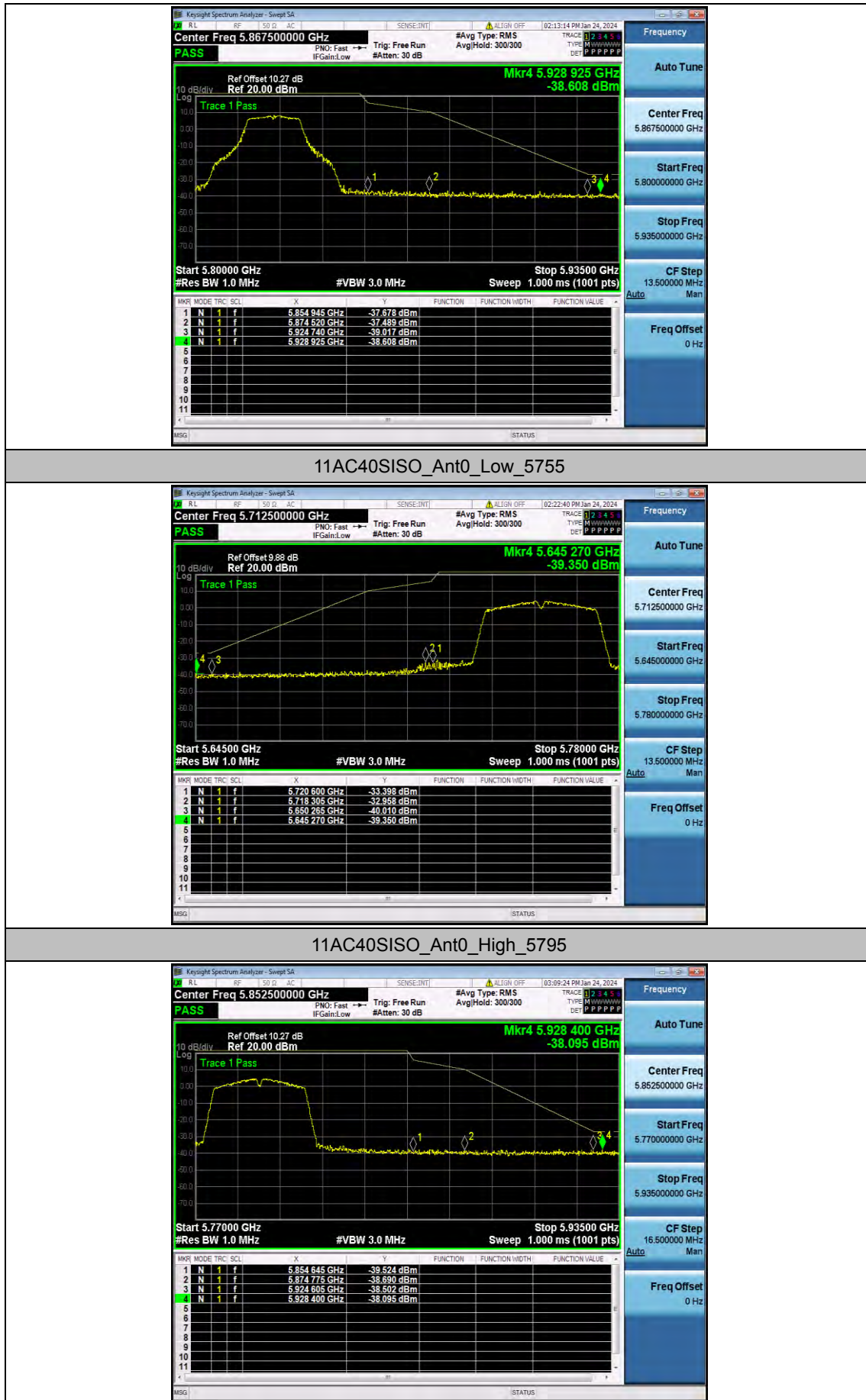
11N40SISO_Ant0_High_5795



11AC20SISO_Ant0_Low_5745



11AC20SISO_Ant0_High_5825



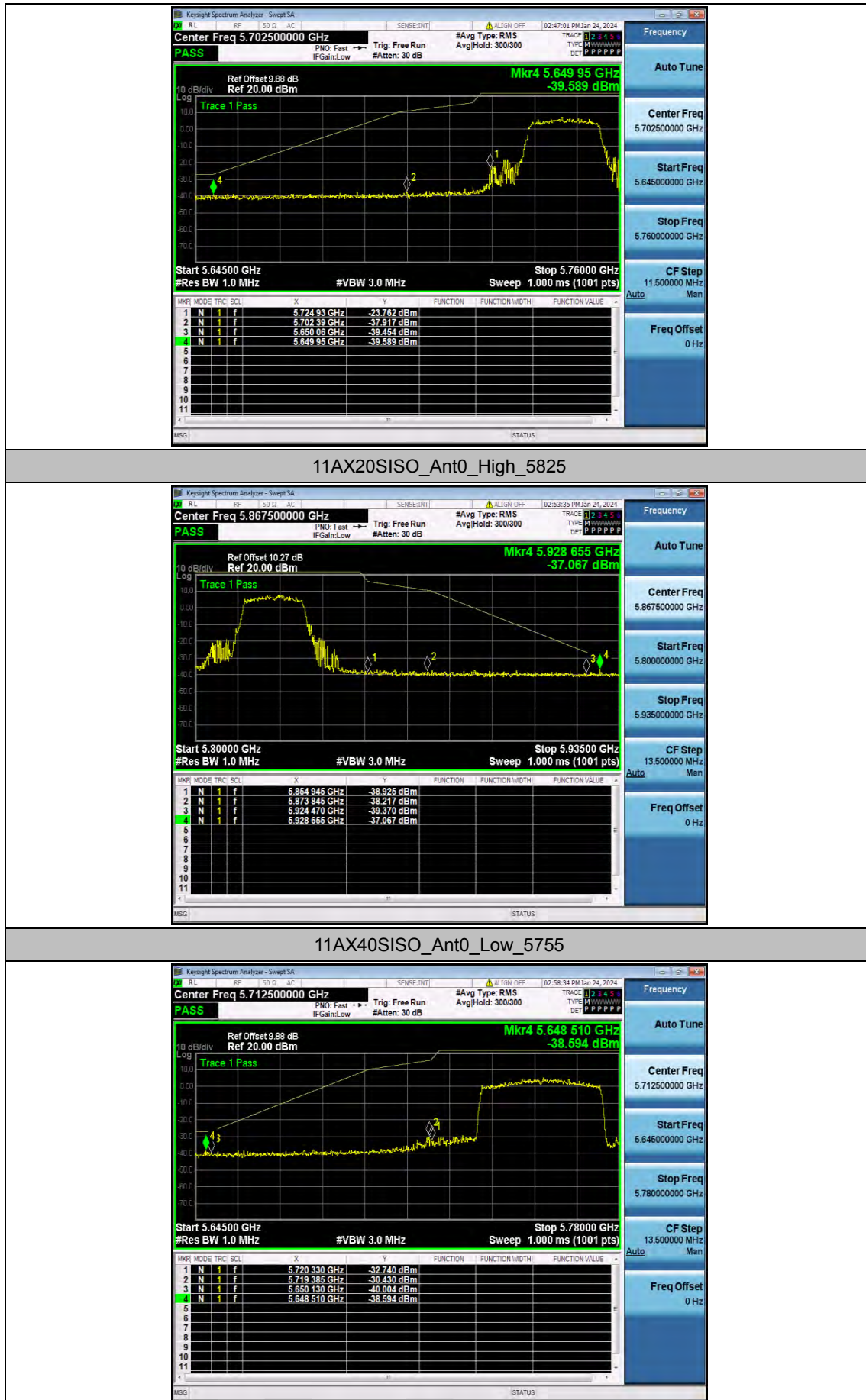
11AC80SISO_Ant0_Low_5775



11AC80SISO_Ant0_High_5775



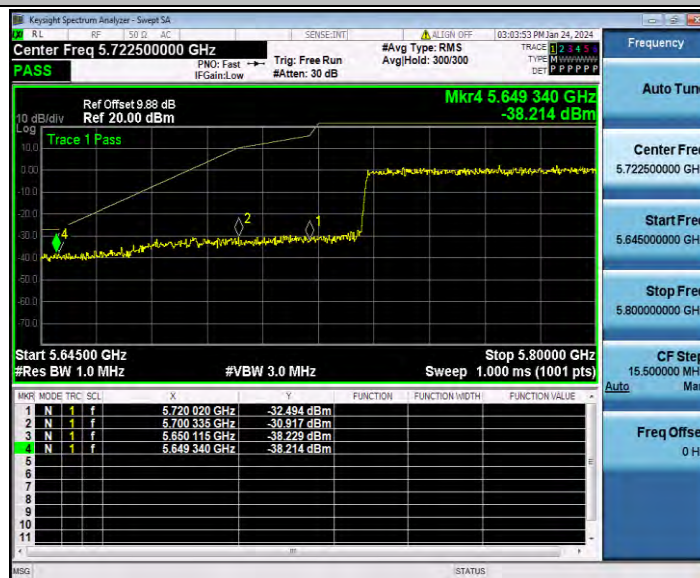
11AX20SISO_Ant0_Low_5745



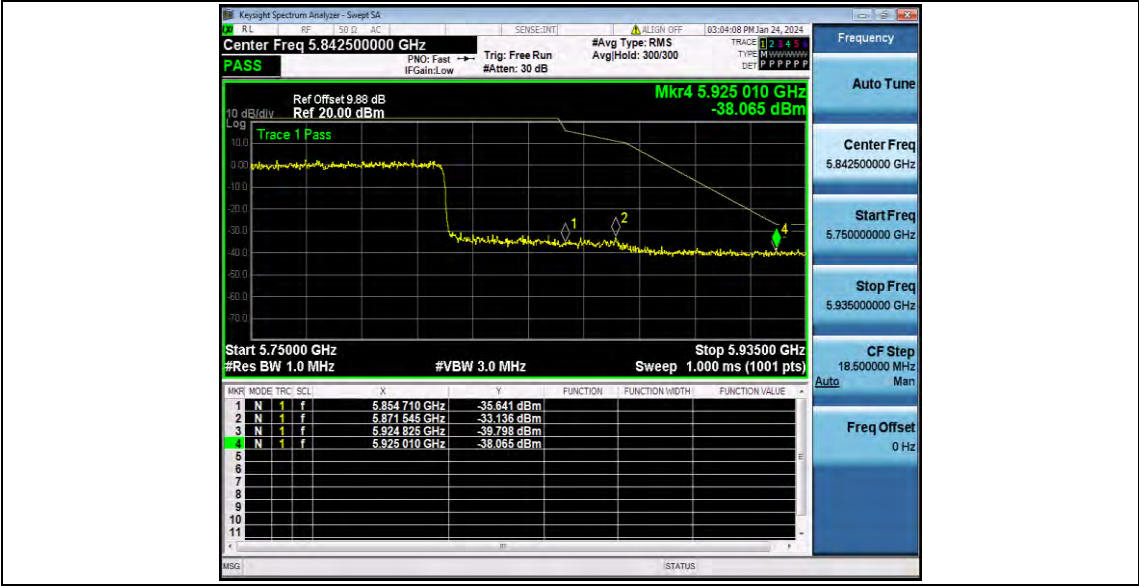
11AX40SISO_Ant0_High_5795



11AX80SISO_Ant0_Low_5775



11AX80SISO_Ant0_High_5775



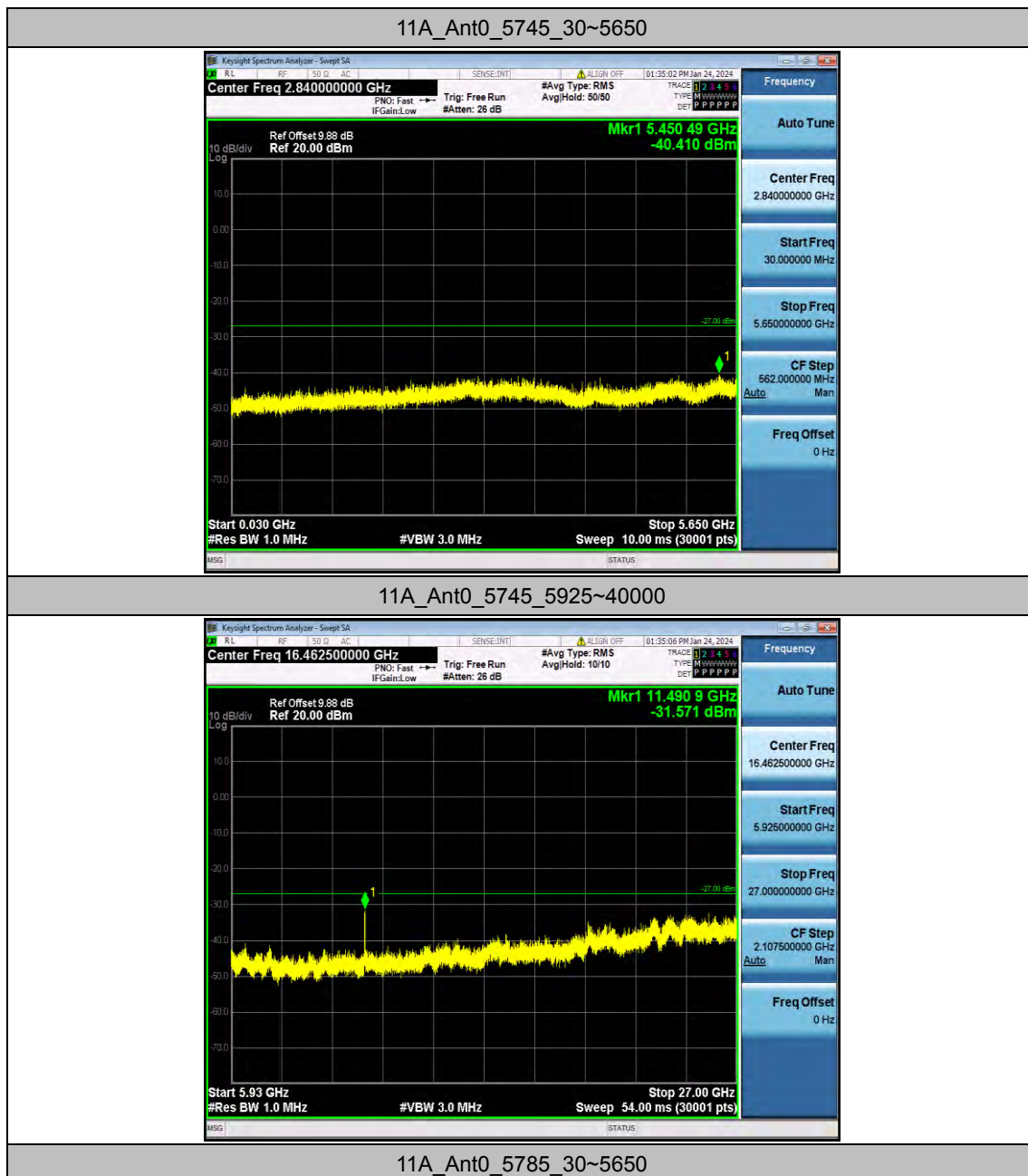
Appendix G.7: Conducted Spurious Emission

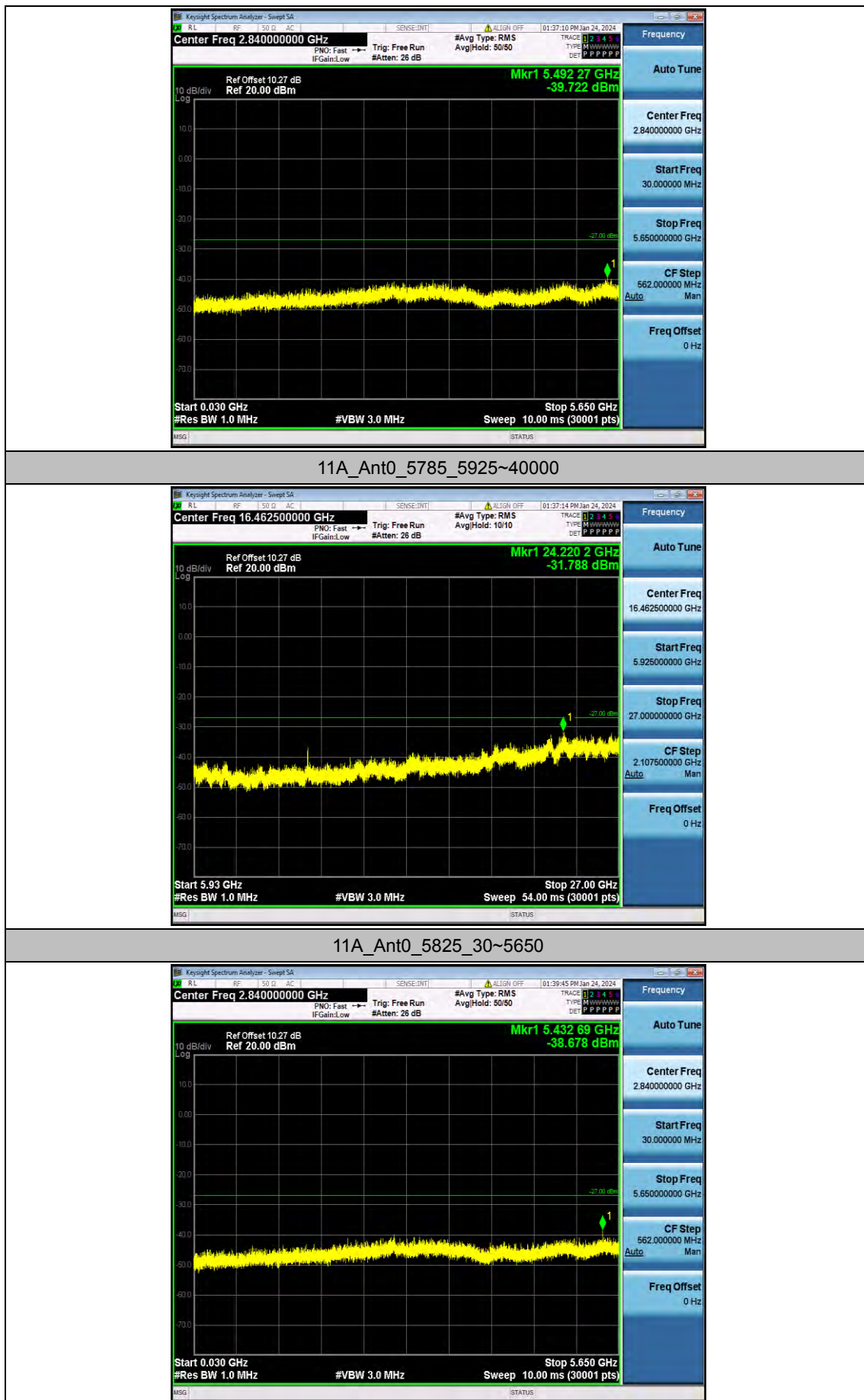
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant0	5745	30~5650	5450.49	-40.41	≤-27	PASS
			5925~40000	11490.91	-31.57	≤-27	PASS
		5785	30~5650	5492.27	-39.72	≤-27	PASS
			5925~40000	24220.21	-31.79	≤-27	PASS
		5825	30~5650	5432.69	-38.68	≤-27	PASS
			5925~40000	24873.53	-32.08	≤-27	PASS
11N20SISO	Ant0	5745	30~5650	5415.27	-38.95	≤-27	PASS
			5925~40000	11485.29	-30.29	≤-27	PASS
		5785	30~5650	5525.99	-39.42	≤-27	PASS
			5925~40000	26631.19	-31.34	≤-27	PASS
		5825	30~5650	2674.4	-38.68	≤-27	PASS
			5925~40000	26857.39	-31.33	≤-27	PASS
11N40SISO	Ant0	5755	30~5650	2603.77	-39.97	≤-27	PASS
			5925~40000	26525.81	-32.29	≤-27	PASS
		5795	30~5650	5509.69	-39.35	≤-27	PASS
			5925~40000	26774.5	-32.46	≤-27	PASS
11AC20SISO	Ant0	5745	30~5650	5496.95	-40.35	≤-27	PASS
			5925~40000	24275.71	-31.67	≤-27	PASS
		5785	30~5650	4877.25	-40.09	≤-27	PASS
			5925~40000	24876.34	-31.38	≤-27	PASS
		5825	30~5650	827.1	-35.76	≤-27	PASS
			5925~40000	26540.57	-31.97	≤-27	PASS
11AC40SISO	Ant0	5755	30~5650	5562.7	-39.74	≤-27	PASS
			5925~40000	26700.74	-32.5	≤-27	PASS
		5795	30~5650	5472.6	-39.92	≤-27	PASS
			5925~40000	25018.95	-31.94	≤-27	PASS
11AC80SISO	Ant0	5775	30~5650	2322.02	-39.75	≤-27	PASS
			5925~40000	26825.08	-31.88	≤-27	PASS
11AX20SISO	Ant0	5745	30~5650	2603.02	-40.62	≤-27	PASS
			5925~40000	26484.37	-32.31	≤-27	PASS
		5785	30~5650	3203.61	-39.47	≤-27	PASS
			5925~40000	24177.36	-32.01	≤-27	PASS
		5825	30~5650	5444.68	-39.31	≤-27	PASS
			5925~40000	26548.29	-31.47	≤-27	PASS
11AX40SISO	Ant0	5755	30~5650	3316.01	-40.12	≤-27	PASS
			5925~40000	25023.17	-31.76	≤-27	PASS

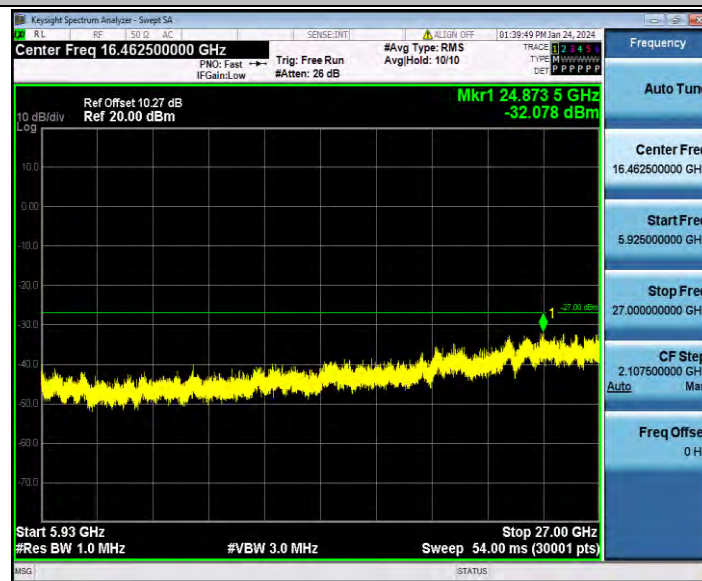
		5795	30~5650	2541.58	-40.4	≤ -27	PASS
			5925~40000	23498.04	-31.99	≤ -27	PASS
11AX80SISO	Ant0	5775	30~5650	5467.91	-40.21	≤ -27	PASS
			5925~40000	24249.01	-32.16	≤ -27	PASS

Test Graphs

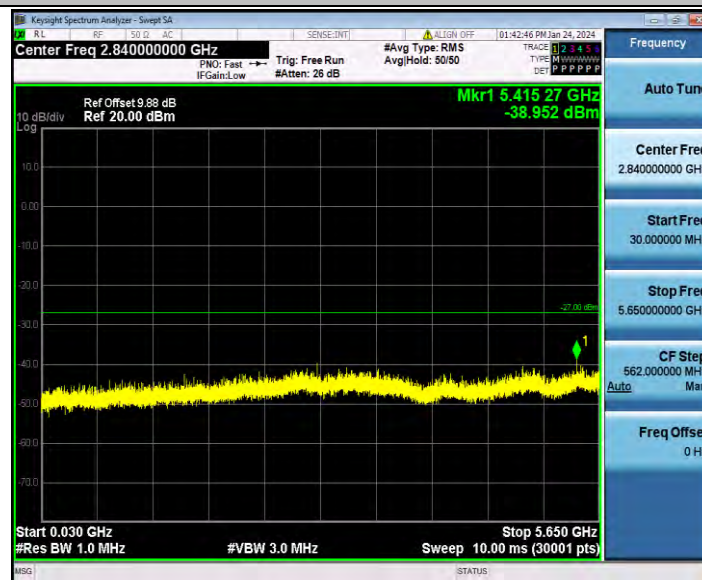




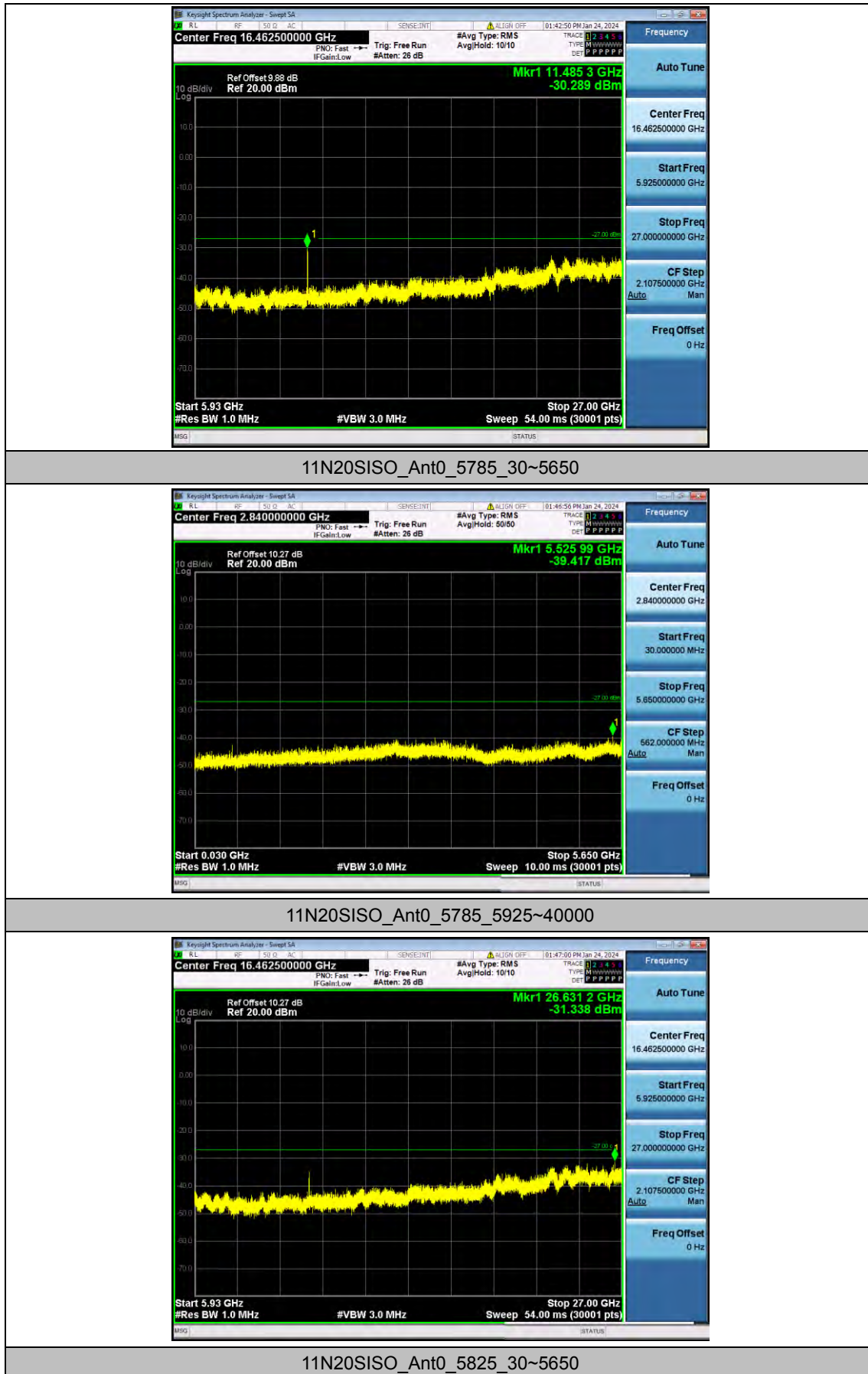
11A_Ant0_5825_5925~40000

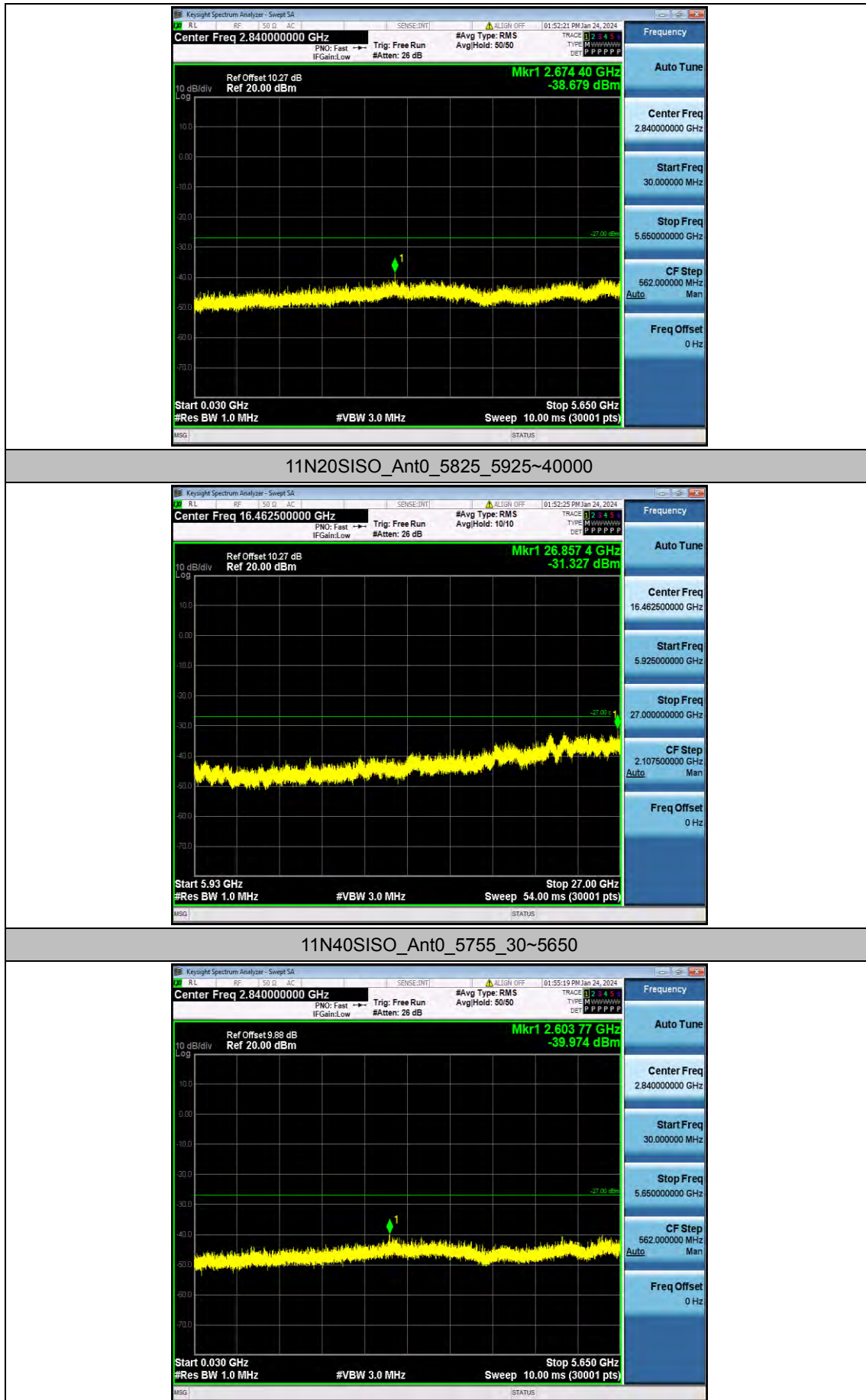


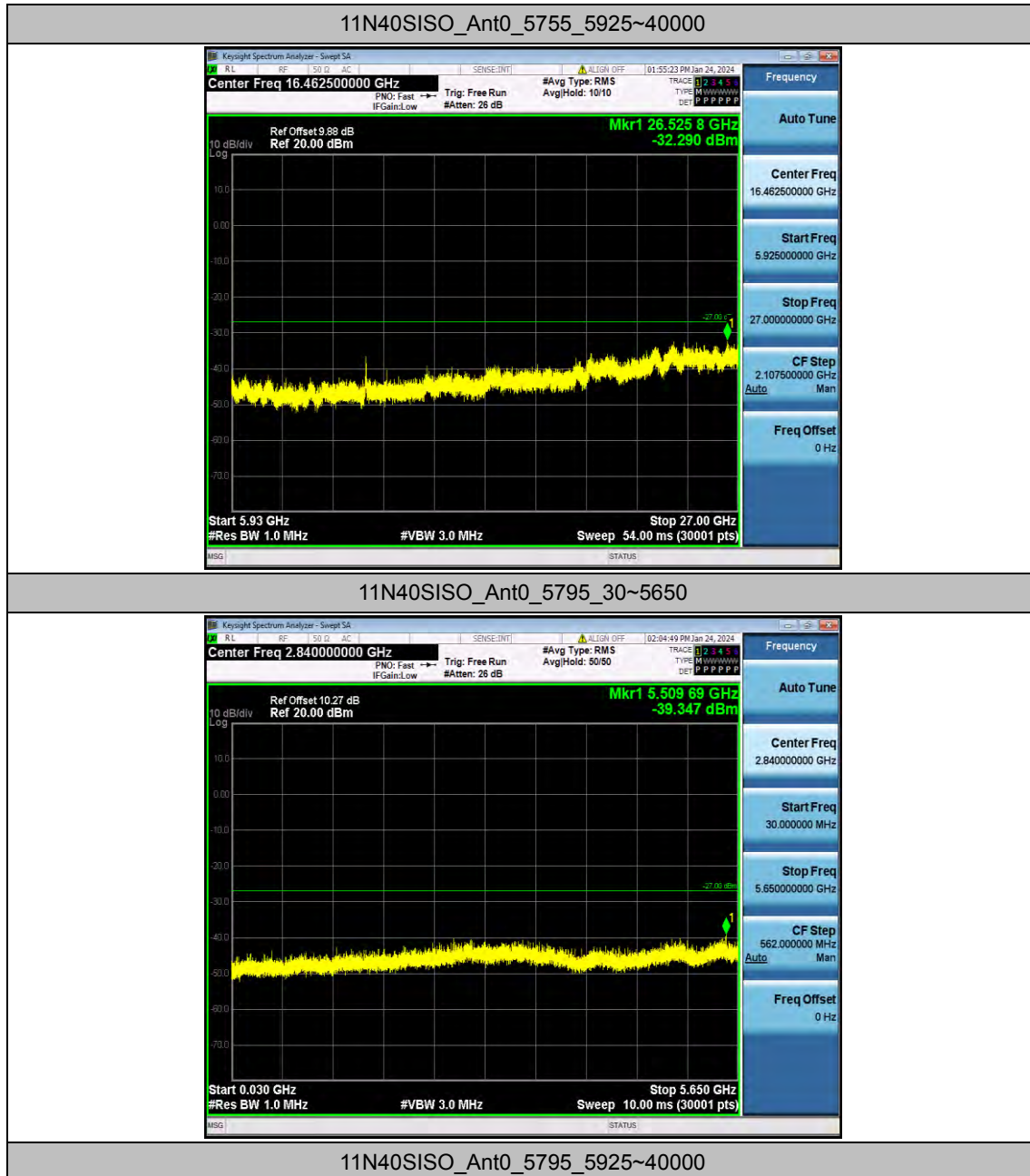
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11N20SISO_Ant0_5745_5925~40000

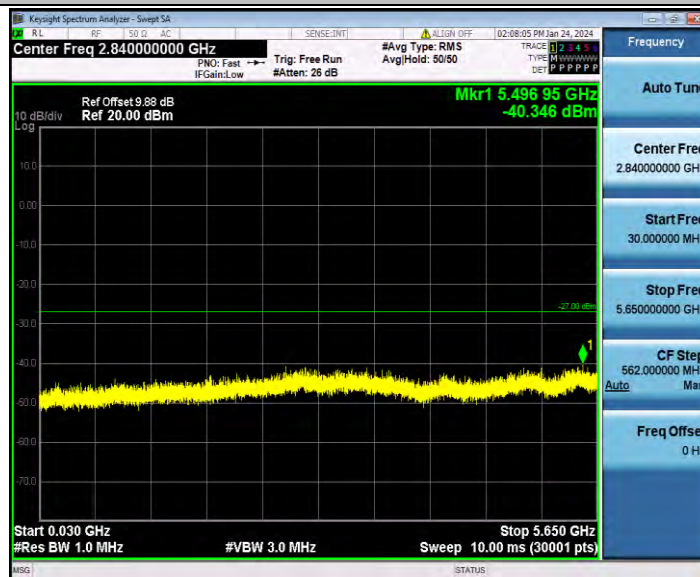




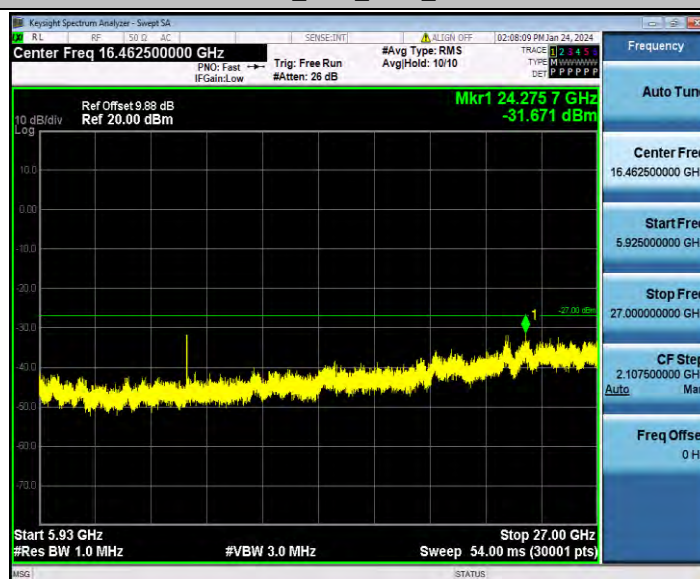




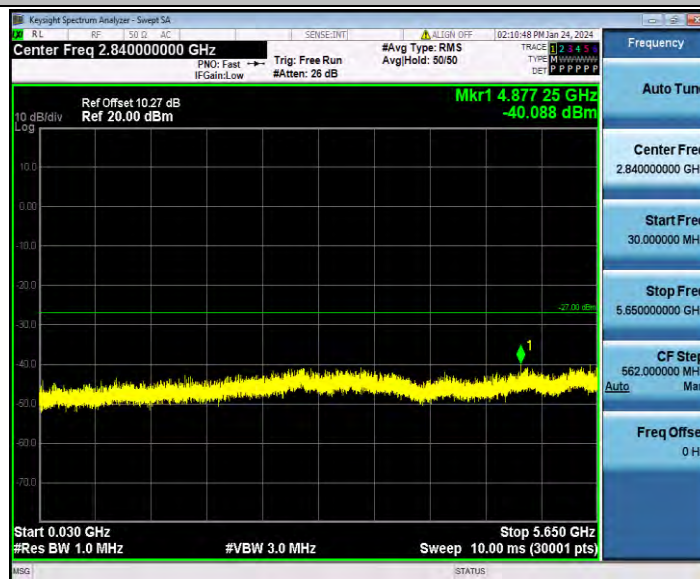
11AC20SISO_Ant0_5745_30~5650



11AC20SISO_Ant0_5745_5925~40000



11AC20SISO_Ant0_5785_30~5650



11AC20SISO_Ant0_5785_5925~40000



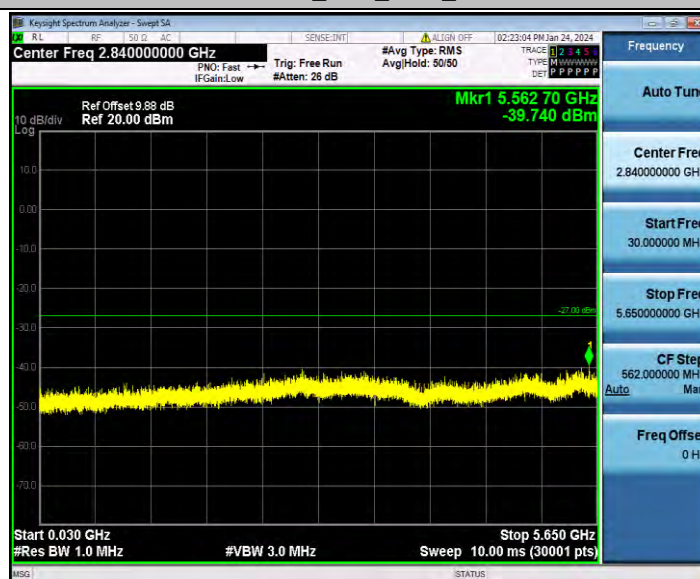
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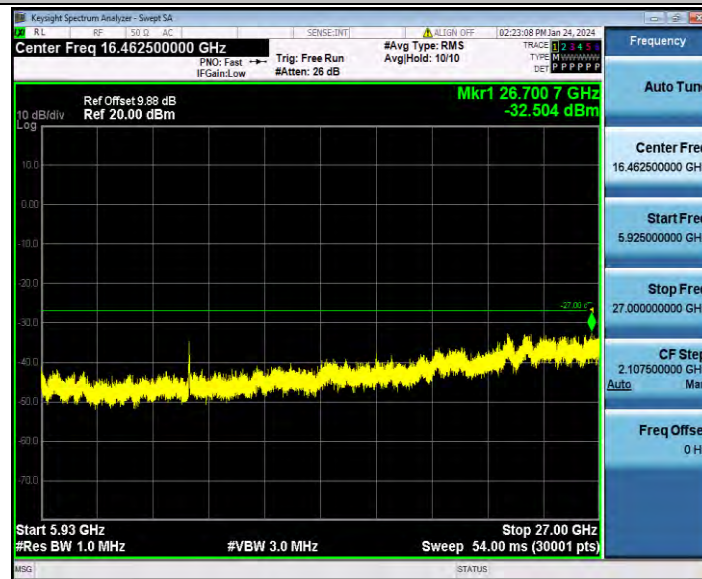
11AC20SISO_Ant0_5825_5925~40000



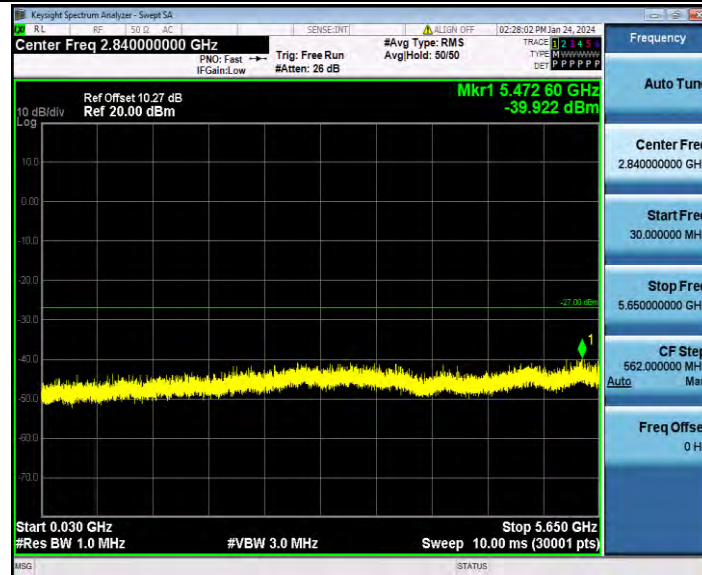
11AC40SISO_Ant0_5755_30~5650



11AC40SISO_Ant0_5755_5925~40000



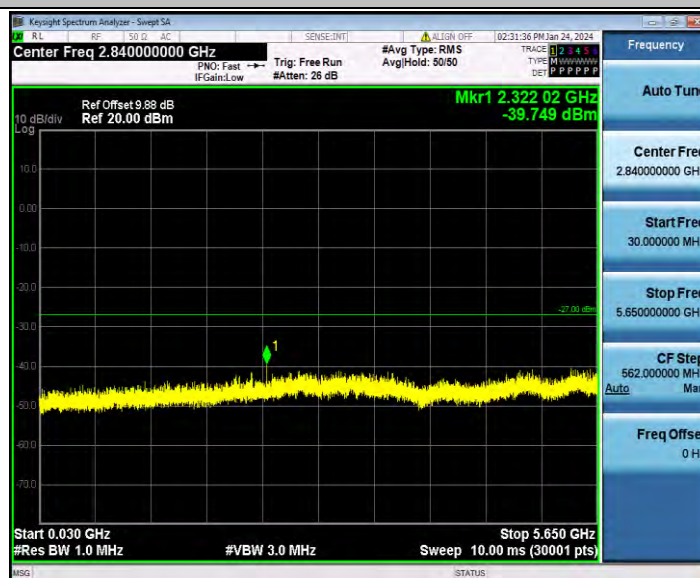
11AC40SISO_Ant0_5795_30~5650



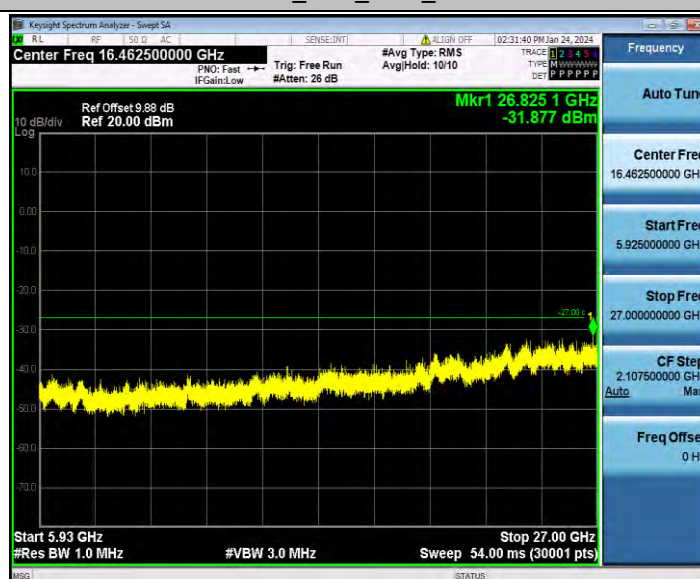
11AC40SISO_Ant0_5795_5925~40000



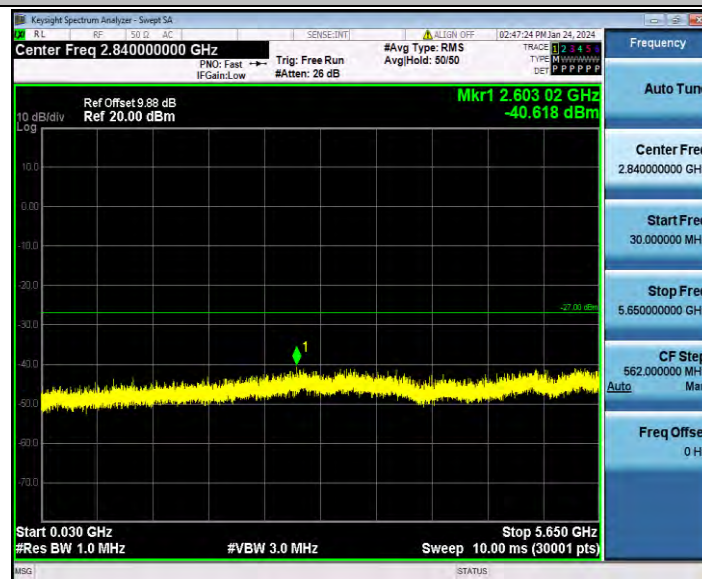
11AC80SISO_Ant0_5775_30~5650



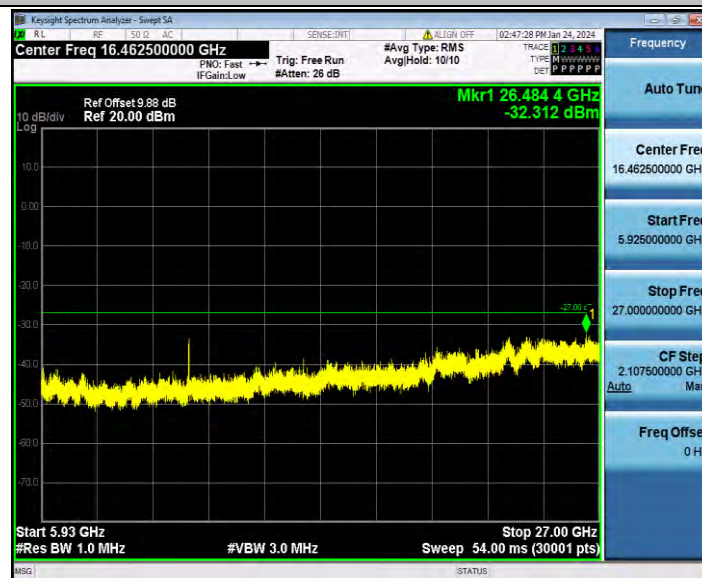
11AC80SISO_Ant0_5775_5925~40000



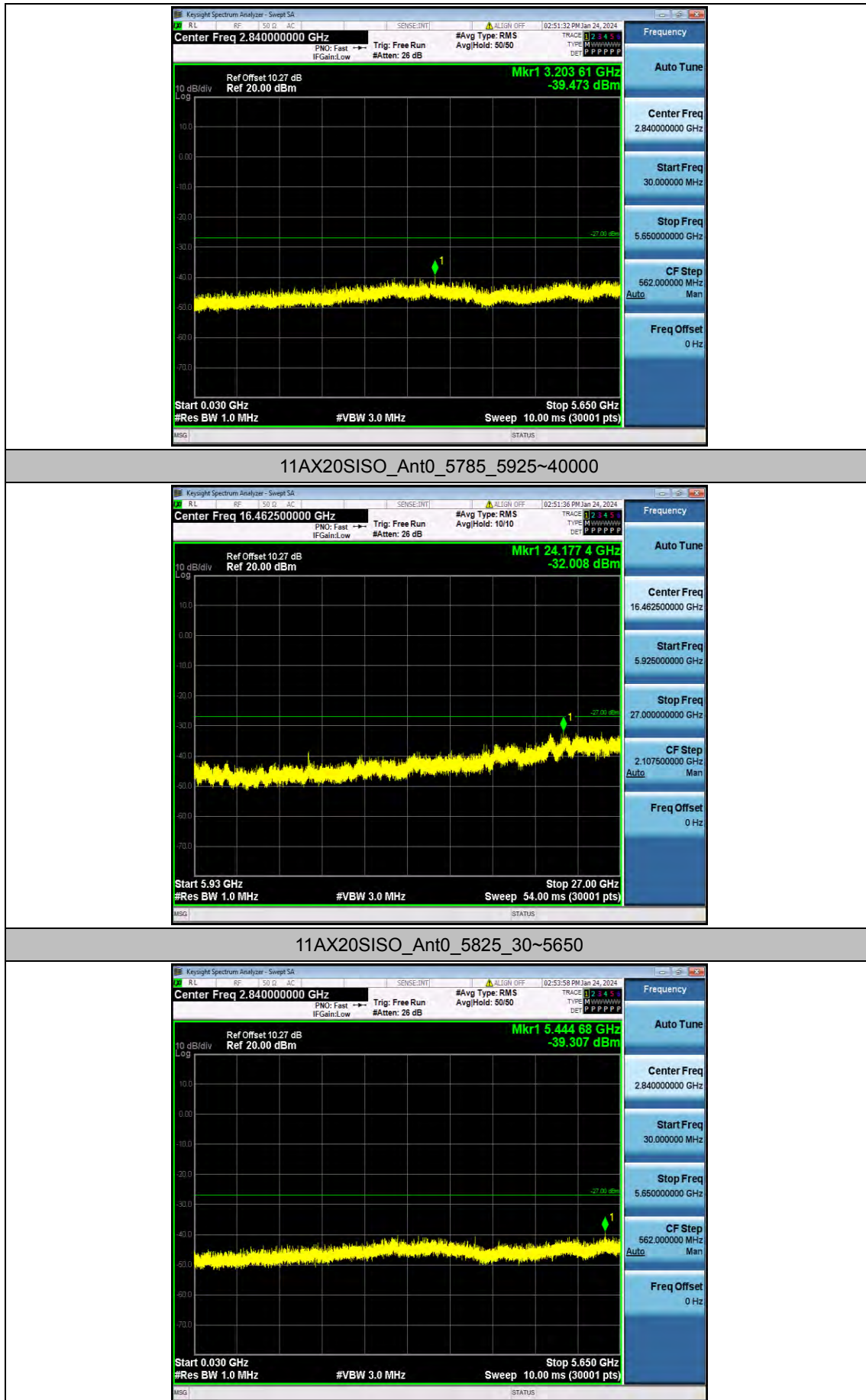
11AX20SISO_Ant0_5745_30~5650



11AX20SISO_Ant0_5745_5925~40000



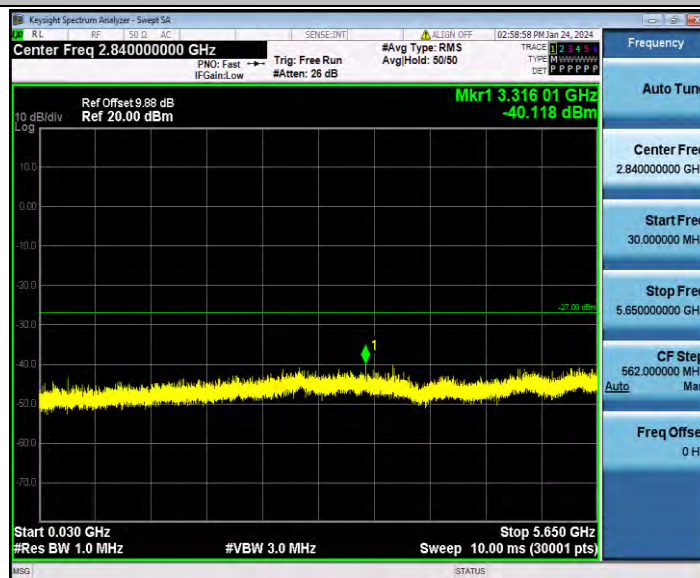
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11AX20SISO_Ant0_5825_5925~40000



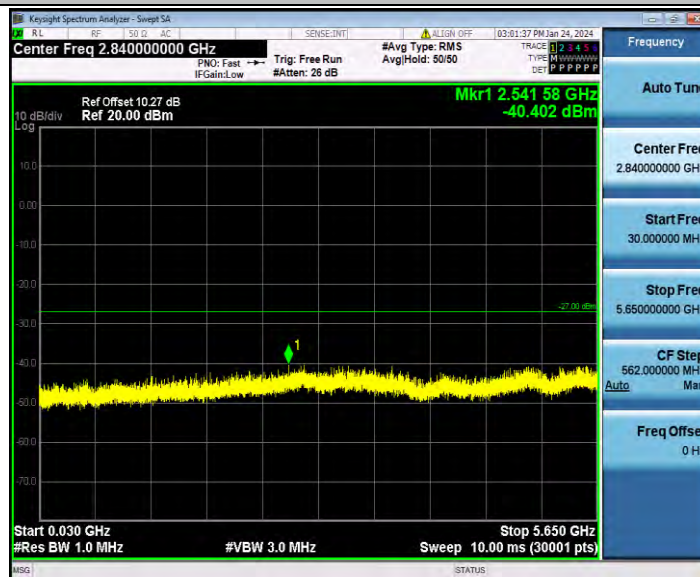
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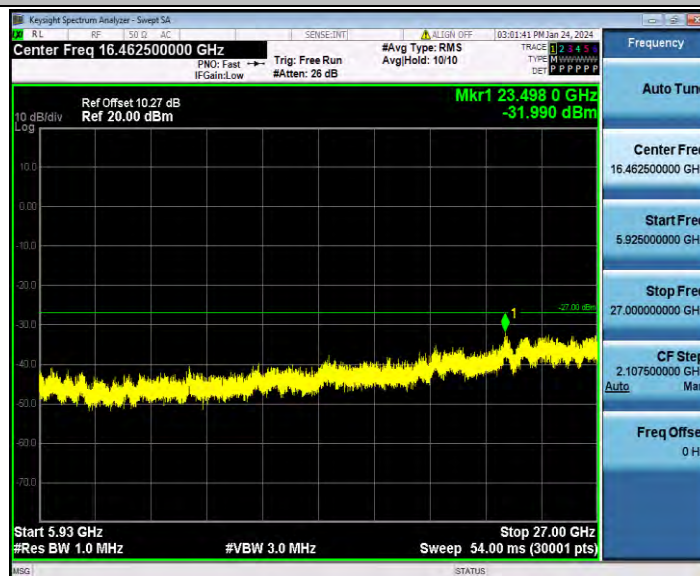
11AX40SISO_Ant0_5755_5925~40000



11AX40SISO_Ant0_5795_30~5650



11AX40SISO_Ant0_5795_5925~40000



11AX80SISO_Ant0_5775_30~5650



11AX80SISO_Ant0_5775_5925~40000

