

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	11.46	93.33	0.30	11.76	≤30.00	PASS
		5785	11.01	93.96	0.27	11.28	≤30.00	PASS
		5825	10.70	93.33	0.30	11.00	≤30.00	PASS
11N20SISO	Ant2	5745	10.18	92.91	0.32	10.50	≤30.00	PASS
		5785	9.74	92.86	0.32	10.06	≤30.00	PASS
		5825	9.59	92.91	0.32	9.91	≤30.00	PASS
11N40SISO	Ant2	5755	10.06	86.67	0.62	10.68	≤30.00	PASS
		5795	10.14	86.67	0.62	10.76	≤30.00	PASS
11AC20SISO	Ant2	5745	11.31	92.96	0.32	11.63	≤30.00	PASS
		5785	11.04	93.62	0.29	11.33	≤30.00	PASS
		5825	11.01	92.96	0.32	11.33	≤30.00	PASS
11AC40SISO	Ant2	5755	10.32	86.67	0.62	10.94	≤30.00	PASS
		5795	10.34	86.67	0.62	10.96	≤30.00	PASS
11AC80SISO	Ant2	5775	9.20	76.74	1.15	10.35	≤30.00	PASS
11AX20SISO	Ant2	5745	8.42	91.07	0.41	8.83	≤30.00	PASS
		5785	8.19	91.07	0.41	8.60	≤30.00	PASS
		5825	8.05	91.07	0.41	8.46	≤30.00	PASS
11AX40SISO	Ant2	5755	8.26	84.38	0.74	9.00	≤30.00	PASS
		5795	8.34	84.38	0.74	9.08	≤30.00	PASS
11AX80SISO	Ant2	5775	4.63	74.36	1.29	5.92	≤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	0.70	≤30.00	PASS
		5785	0.55	≤30.00	PASS
		5825	0.22	≤30.00	PASS
11N20SISO	Ant2	5745	-0.58	≤30.00	PASS
		5785	-0.89	≤30.00	PASS
		5825	-1.27	≤30.00	PASS
11N40SISO	Ant2	5755	-6.88	≤30.00	PASS
		5795	-6.58	≤30.00	PASS
11AC20SISO	Ant2	5745	0.75	≤30.00	PASS
		5785	0.27	≤30.00	PASS
		5825	0.32	≤30.00	PASS
11AC40SISO	Ant2	5755	-6.47	≤30.00	PASS
		5795	-6.39	≤30.00	PASS
11AC80SISO	Ant2	5775	-9.69	≤30.00	PASS
11AX20SISO	Ant2	5745	-4.54	≤30.00	PASS
		5785	-4.08	≤30.00	PASS
		5825	-4.46	≤30.00	PASS
11AX40SISO	Ant2	5755	-8.60	≤30.00	PASS
		5795	-8.45	≤30.00	PASS
11AX80SISO	Ant2	5775	-14.29	≤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 Factorand RBW Factoriscompensatedinthegraph.

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



11AC80SISO_Ant2_5775



11AX20SISO_Ant2_5745



11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40ISO_Ant2_5795



11AX80ISO_Ant2_5775



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	-39.82	≤-26.62	PASS
				5700~5720	-28.48	≤15.53	PASS
				5720~5725	-27.63	≤18.44	PASS
				5760~5650	-39.58	≤-27	PASS
		High	5825	5850~5855	-32.72	≤16.65	PASS
				5855~5875	-37.41	≤10.06	PASS
				5875~5925	-38.09	≤-25.91	PASS
				5925~5935	-38.13	≤-27	PASS
11N20SI SO	Ant2	Low	5745	5650~5700	-40.33	≤-26.87	PASS
				5700~5720	-29.27	≤15.56	PASS
				5720~5725	-29.07	≤17.13	PASS
				5760~5650	-39.48	≤-27	PASS
		High	5825	5850~5855	-35.42	≤15.73	PASS
				5855~5875	-36.84	≤11.84	PASS
				5875~5925	-39.44	≤-26.61	PASS
				5925~5935	-38.17	≤-27	PASS
11N40SI SO	Ant2	Low	5755	5650~5700	-39.01	≤-26.40	PASS
				5700~5720	-20.83	≤14.14	PASS
				5720~5725	-20.64	≤15.74	PASS
				5780~5650	-39.22	≤-27	PASS
		High	5795	5850~5855	-31.85	≤15.66	PASS
				5855~5875	-30.23	≤14.36	PASS
				5875~5925	-39.43	≤-26.83	PASS
				5925~5935	-38.31	≤-27	PASS
11AC20S ISO	Ant2	Low	5745	5650~5700	-41.02	≤-26.87	PASS
				5700~5720	-29.76	≤15.21	PASS
				5720~5725	-27.94	≤18.44	PASS
				5760~5650	-39.79	≤-27	PASS
		High	5825	5850~5855	-30.09	≤19.73	PASS
				5855~5875	-33.13	≤14.14	PASS
				5875~5925	-39.24	≤-26.61	PASS
				5925~5935	-37.72	≤-27	PASS
11AC40S ISO	Ant2	Low	5755	5650~5700	-39.51	≤-26.60	PASS
				5700~5720	-20.29	≤11.57	PASS
				5720~5725	-20.47	≤16.35	PASS
				5780~5650	-37.52	≤-27	PASS

		High	5795	5850~5855	-35.08	≤ 15.66	PASS
				5855~5875	-29.46	≤ 13.81	PASS
				5875~5925	-39.49	≤ -26.95	PASS
				5925~5935	-38.56	≤ -27	PASS
11AC80S ISO	Ant2	Low	5775	5650~5700	-32.88	≤ -25.77	PASS
				5700~5720	-20.89	≤ 10.09	PASS
				5720~5725	-20.77	≤ 15.65	PASS
				5800~5650	-34.72	≤ -27	PASS
		High	5775	5850~5855	-26.09	≤ 15.84	PASS
				5855~5875	-28.93	≤ 11.74	PASS
				5875~5925	-37.95	≤ -26.60	PASS
				5925~5935	-36.38	≤ -27	PASS
11AX20SI SO	Ant2	Low	5745	5650~5700	-39.48	≤ -26.27	PASS
				5700~5720	-33.73	≤ 14.85	PASS
				5720~5725	-31.31	≤ 17.13	PASS
				5760~5650	-39.71	≤ -27	PASS
		High	5825	5850~5855	-38.35	≤ 16.65	PASS
				5855~5875	-38.8	≤ 10.17	PASS
				5875~5925	-38.69	≤ -26.51	PASS
				5925~5935	-38.17	≤ -27	PASS
11AX40SI SO	Ant2	Low	5755	5650~5700	-39.75	≤ -26.50	PASS
				5700~5720	-22.06	≤ 14.86	PASS
				5720~5725	-23.95	≤ 18.51	PASS
				5780~5650	-39.3	≤ -27	PASS
		High	5795	5850~5855	-38.08	≤ 16.79	PASS
				5855~5875	-38.59	≤ 10.02	PASS
				5875~5925	-38.58	≤ -26.22	PASS
				5925~5935	-38.29	≤ -27	PASS
11AX80SI SO	Ant2	Low	5775	5650~5700	-39.49	≤ -26.80	PASS
				5700~5720	-33.18	≤ 12.57	PASS
				5720~5725	-31.67	≤ 16.71	PASS
				5800~5650	-39.09	≤ -27	PASS
		High	5775	5850~5855	-38.81	≤ 15.84	PASS
				5855~5875	-36.73	≤ 11.38	PASS
				5875~5925	-38.51	≤ -26.19	PASS
				5925~5935	-38.23	≤ -27	PASS

Test GraphsB4





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



11AX20SISO_Ant2_Low_5745



11AX20SISO_Ant2_High_5825



11AX40SISO_Ant2_Low_5755



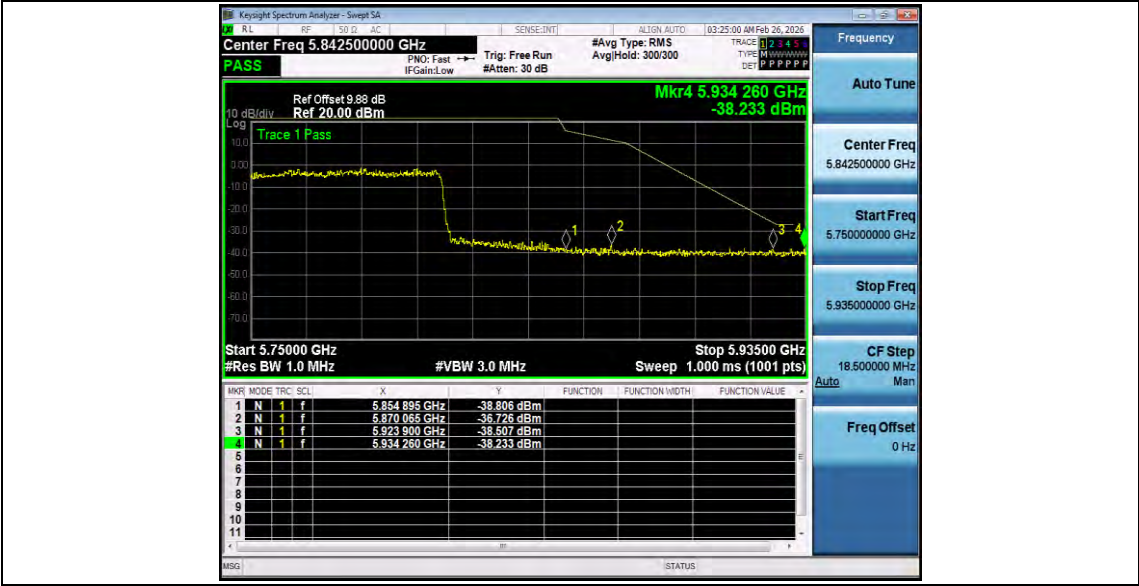
11AX40SISO_Ant2_High_5795



11AX80SISO_Ant2_Low_5775



11AX80SISO_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	4874.25	-40.67	≤-27	PASS
			5925~27000	26648.75	-31.41	≤-27	PASS
		5785	30~5650	2668.4	-39.14	≤-27	PASS
			5925~27000	24277.81	-32	≤-27	PASS
		5825	30~5650	5411.71	-39.9	≤-27	PASS
			5925~27000	24872.13	-31.49	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	5496.76	-40.45	≤-27	PASS
			5925~27000	24787.13	-31.74	≤-27	PASS
		5785	30~5650	5493.01	-40.17	≤-27	PASS
			5925~27000	23523.33	-31.2	≤-27	PASS
		5825	30~5650	4944.69	-39.48	≤-27	PASS
			5925~27000	25590.79	-31.7	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	5486.27	-39.93	≤-27	PASS
			5925~27000	25567.6	-31.23	≤-27	PASS
		5795	30~5650	5441.69	-39.84	≤-27	PASS
			5925~27000	23618.17	-31.69	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	5423.14	-40.64	≤-27	PASS
			5925~27000	24190.7	-32.35	≤-27	PASS
		5785	30~5650	5462.1	-39.39	≤-27	PASS
			5925~27000	24915.68	-31.54	≤-27	PASS
		5825	30~5650	5408.15	-39.57	≤-27	PASS
			5925~27000	26025.63	-31.7	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	5539.1	-40.17	≤-27	PASS
			5925~27000	26920.62	-31.64	≤-27	PASS
		5795	30~5650	5635.2	-40.06	≤-27	PASS
			5925~27000	26541.27	-32.44	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	5648.13	-36.68	≤-27	PASS
			5925~27000	24725.31	-32.74	≤-27	PASS
11AX20SISO	Ant2	5745	30~5650	5442.25	-40.89	≤-27	PASS
			5925~27000	24158.39	-32.14	≤-27	PASS
		5785	30~5650	3093.65	-40.31	≤-27	PASS
			5925~27000	23580.23	-31.49	≤-27	PASS
		5825	30~5650	3098.52	-39.96	≤-27	PASS
			5925~27000	24986.64	-31.29	≤-27	PASS
11AX40SISO	Ant2	5755	30~5650	5473.16	-39.32	≤-27	PASS
			5925~27000	26744.29	-31.54	≤-27	PASS

		5795	30~5650	3128.12	-40.41	≤-27	PASS
			5925~27000	24218.8	-31.55	≤-27	PASS
11AX80SISO	Ant2	5775	30~5650	3582.78	-40.53	≤-27	PASS
			5925~27000	24142.93	-31.75	≤-27	PASS

Test Graphs

11A_Ant2_5745_30~5650



11A_Ant2_5745_5925~27000



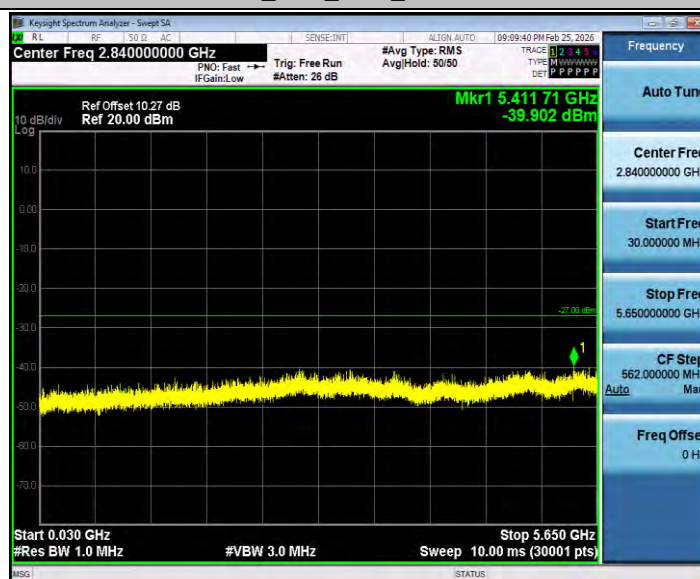
11A_Ant2_5785_30~5650



11A_Ant2_5785_5925~27000



11A_Ant2_5825_30~5650



11A_Ant2_5825_5925~27000



11N20SISO_Ant2_5745_30~5650



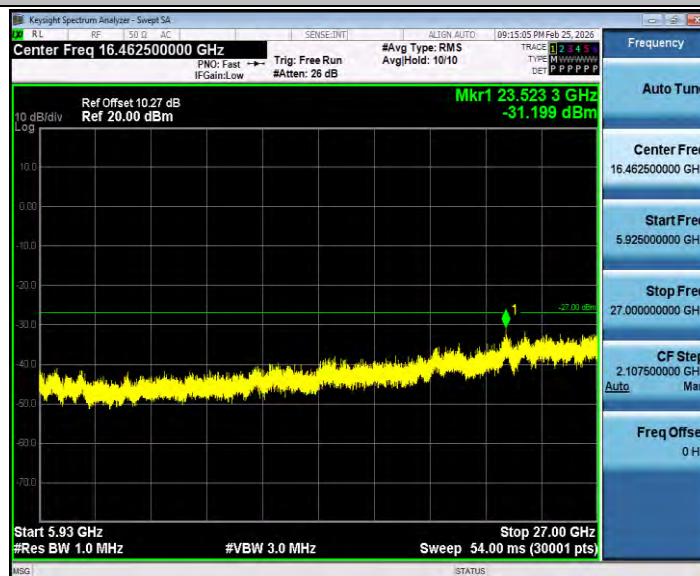
11N20SISO_Ant2_5745_5925~27000



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



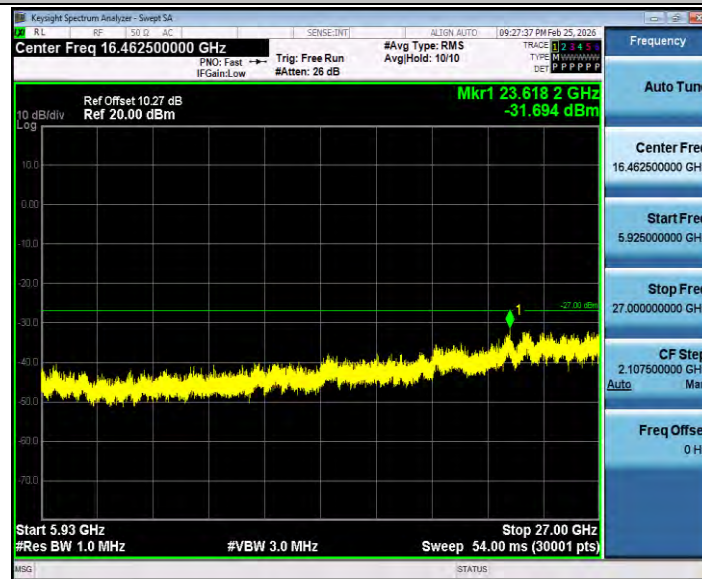
11N40SISO_Ant2_5755_5925~27000



11N40SISO_Ant2_5795_30~5650



11N40SISO_Ant2_5795_5925~27000



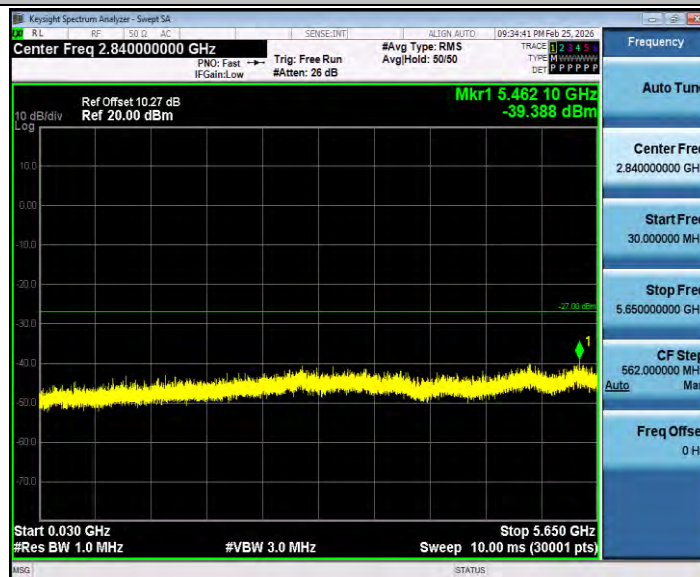
11AC20SISO_Ant2_5745_30~5650



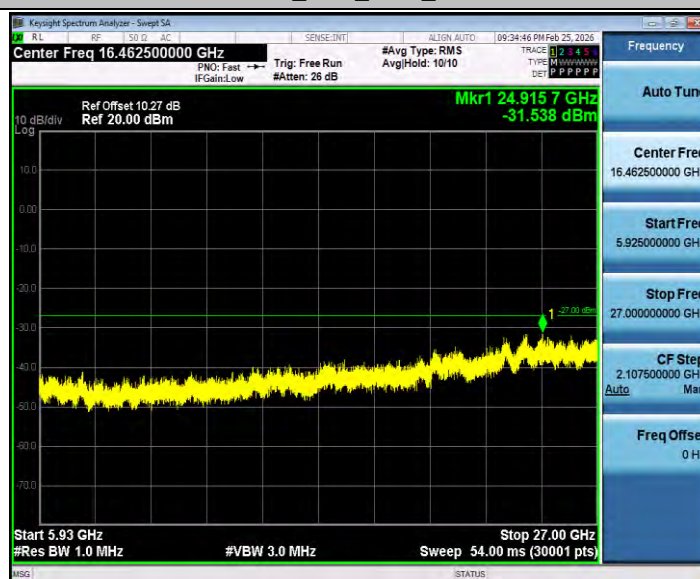
11AC20SISO_Ant2_5745_5925~27000



11AC20SISO_Ant2_5785_30~5650



11AC20SISO_Ant2_5785_5925~27000



11AC20SISO_Ant2_5825_30~5650



11AC20SISO_Ant2_5825_5925~27000



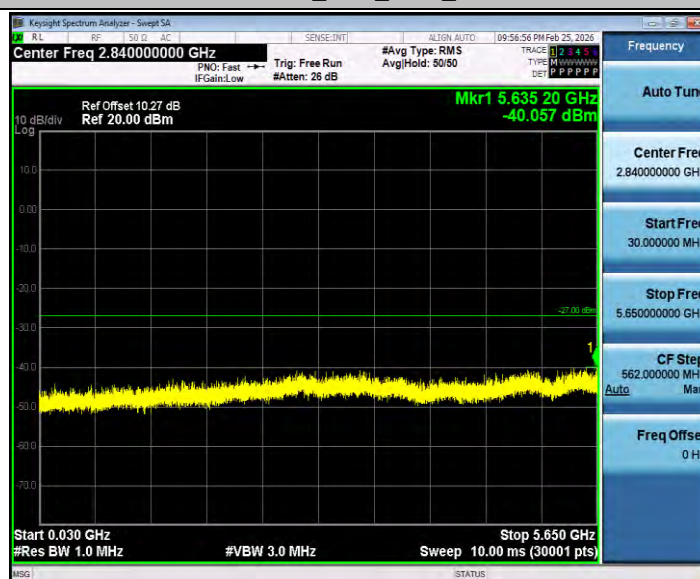
11AC40SISO_Ant2_5755_30~5650



11AC40SISO_Ant2_5755_5925~27000



11AC40SISO_Ant2_5795_30~5650



11AC40SISO_Ant2_5795_5925~27000



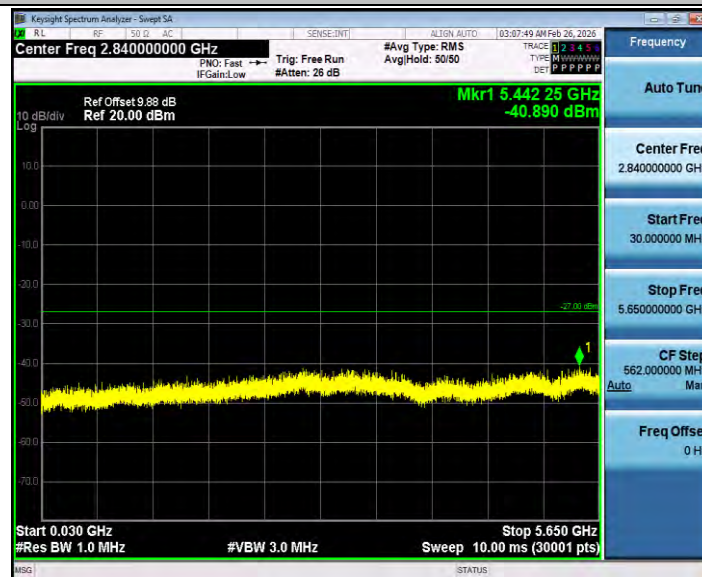
11AC80SISO_Ant2_5775_30~5650



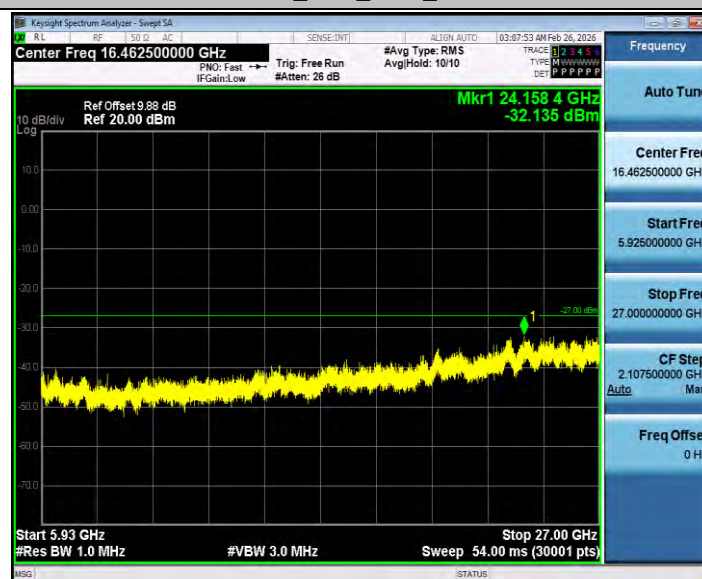
11AC80SISO_Ant2_5775_5925~27000



11AX20SISO_Ant2_5745_30~5650



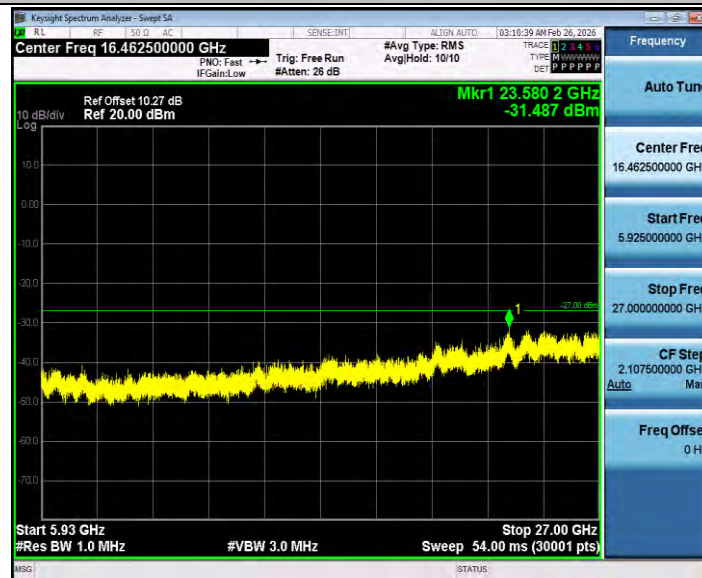
11AX20SISO_Ant2_5745_5925~27000



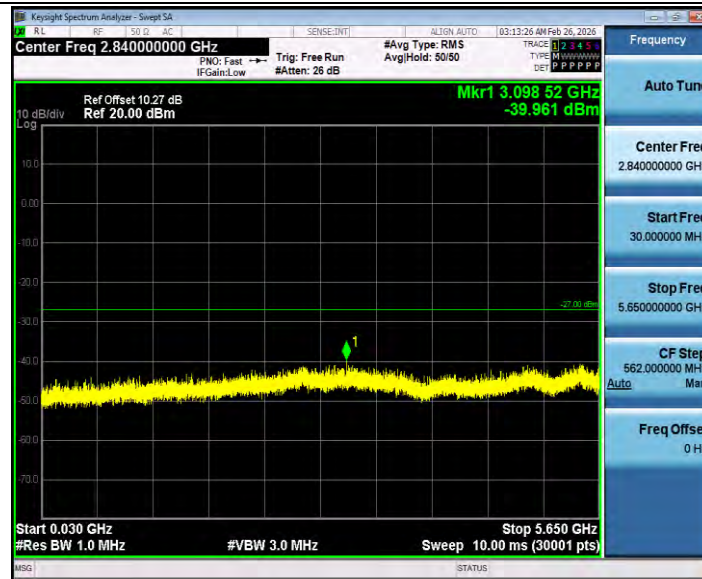
11AX20SISO_Ant2_5785_30~5650



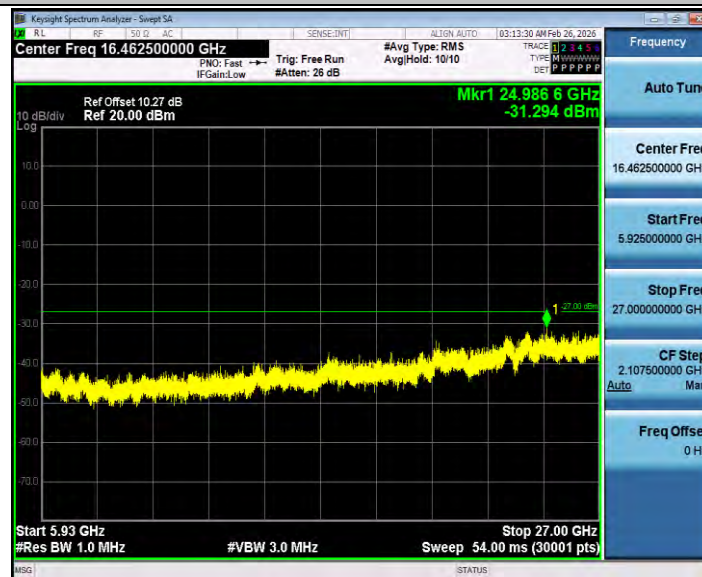
11AX20SISO_Ant2_5785_5925~27000



11AX20SISO_Ant2_5825_30~5650



11AX20SISO_Ant2_5825_5925~27000



11AX40SISO_Ant2_5755_30~5650



11AX40SISO_Ant2_5755_5925~27000



11AX40SISO_Ant2_5795_30~5650



11AX40SISO_Ant2_5795_5925~27000



11AX80SISO_Ant2_5775_30~5650



11AX80SISO_Ant2_5775_5925~27000

