

Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	Low	5745	5645~5650	-40.73	≤-27	PASS
				5650~5700	-40.05	≤-25.68	PASS
				5700~5720	-33.3	≤15.56	PASS
				5720~5725	-34.84	≤16.60	PASS
		High	5825	5850~5855	-40.55	≤16.34	PASS
				5855~5875	-38.91	≤10.06	PASS
				5875~5925	-40.02	≤-25.41	PASS
				5925~5935	-38.32	≤-27	PASS
11N20SI SO	Ant0	Low	5745	5645~5650	-40.2	≤-27	PASS
				5650~5700	-40.07	≤-26.53	PASS
				5700~5720	-40.18	≤10.09	PASS
				5720~5725	-36.39	≤15.82	PASS
		High	5825	5850~5855	-39.85	≤15.73	PASS
				5855~5875	-39.28	≤11.04	PASS
				5875~5925	-39.5	≤-26.41	PASS
				5925~5935	-39.22	≤-27	PASS
11N40SI SO	Ant0	Low	5755	5645~5650	-41.05	≤-27	PASS
				5650~5700	-42.14	≤-26.90	PASS
				5700~5720	-36.69	≤11.23	PASS
				5720~5725	-36.39	≤15.74	PASS
		High	5795	5850~5855	-39.38	≤16.03	PASS
				5855~5875	-39.74	≤10.20	PASS
				5875~5925	-40.94	≤-26.95	PASS
				5925~5935	-40.21	≤-27	PASS
11AC20S ISO	Ant0	Low	5745	5645~5650	-40.7	≤-27	PASS
				5650~5700	-41.9	≤-26.96	PASS
				5700~5720	-34.25	≤15.53	PASS
				5720~5725	-34.99	≤16.87	PASS
		High	5825	5850~5855	-38.62	≤16.03	PASS
				5855~5875	-39.61	≤10.17	PASS
				5875~5925	-39.83	≤-26.91	PASS
				5925~5935	-38.43	≤-27	PASS
11AC40S ISO	Ant0	Low	5755	5645~5650	-40.74	≤-27	PASS
				5650~5700	-41.46	≤-26.30	PASS
				5700~5720	-38.01	≤11.08	PASS
				5720~5725	-36.93	≤16.04	PASS

		High	5795	5850~5855	-39.14	≤ 16.41	PASS
				5855~5875	-38.89	≤ 10.25	PASS
				5875~5925	-41.03	≤ -26.95	PASS
				5925~5935	-39.92	≤ -27	PASS
11AC80S ISO	Ant0	Low	5775	5645~5650	-40.44	≤ -27	PASS
				5650~5700	-41.11	≤ -26.80	PASS
				5700~5720	-32.64	≤ 10.83	PASS
				5720~5725	-36.07	≤ 15.65	PASS
		High	5775	5850~5855	-32.82	≤ 17.10	PASS
				5855~5875	-33.83	≤ 14.13	PASS
				5875~5925	-39.76	≤ -26.87	PASS
				5925~5935	-39.05	≤ -27	PASS
11AX20SI SO	Ant0	Low	5745	5645~5650	-40.47	≤ -27	PASS
				5650~5700	-40.15	≤ -26.70	PASS
				5700~5720	-41.03	≤ 10.06	PASS
				5720~5725	-38.46	≤ 15.82	PASS
		High	5825	5850~5855	-39.97	≤ 15.73	PASS
				5855~5875	-39.71	≤ 10.59	PASS
				5875~5925	-40.19	≤ -26.81	PASS
				5925~5935	-39.77	≤ -27	PASS
11AX40SI SO	Ant0	Low	5755	5645~5650	-40	≤ -27	PASS
				5650~5700	-40.11	≤ -26.40	PASS
				5700~5720	-39.73	≤ 10.25	PASS
				5720~5725	-38.09	≤ 15.74	PASS
		High	5795	5850~5855	-41.33	≤ 15.66	PASS
				5855~5875	-40.1	≤ 10.39	PASS
				5875~5925	-40.57	≤ -26.59	PASS
				5925~5935	-39.38	≤ -27	PASS
11AX80SI SO	Ant0	Low	5775	5645~5650	-40.56	≤ -27	PASS
				5650~5700	-40.21	≤ -26.34	PASS
				5700~5720	-36.07	≤ 11.05	PASS
				5720~5725	-38.61	≤ 15.65	PASS
		High	5775	5850~5855	-38.33	≤ 15.84	PASS
				5855~5875	-38.27	≤ 10.81	PASS
				5875~5925	-40.26	≤ -26.46	PASS
				5925~5935	-40.75	≤ -27	PASS

Test GraphsB4





11N20SISO_Ant0_High_5825



11N40SISO_Ant0_Low_5755



11N40SISO_Ant0_High_5795



11AC20SISO_Ant0_Low_5745



11AC20SISO_Ant0_High_5825



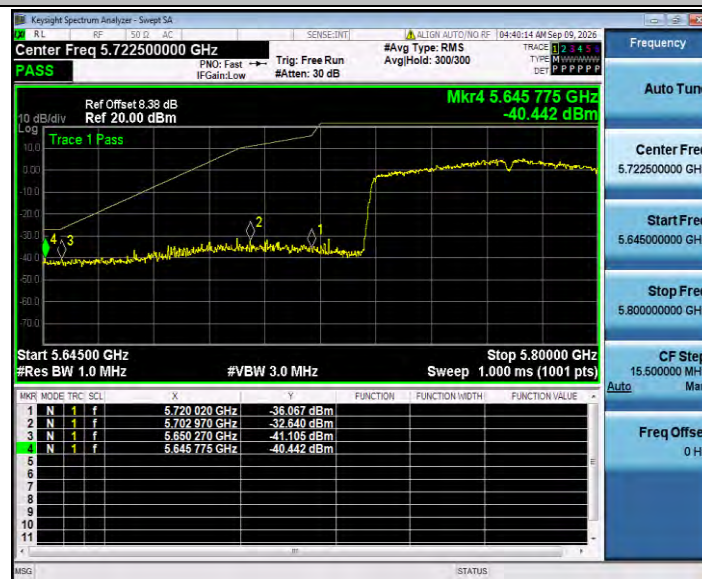
11AC40SISO_Ant0_Low_5755



11AC40SISO_Ant0_High_5795



11AC80SISO_Ant0_Low_5775



11AC80SISO_Ant0_High_5775



11AX20SISO_Ant0_Low_5745



11AX20SISO_Ant0_High_5825



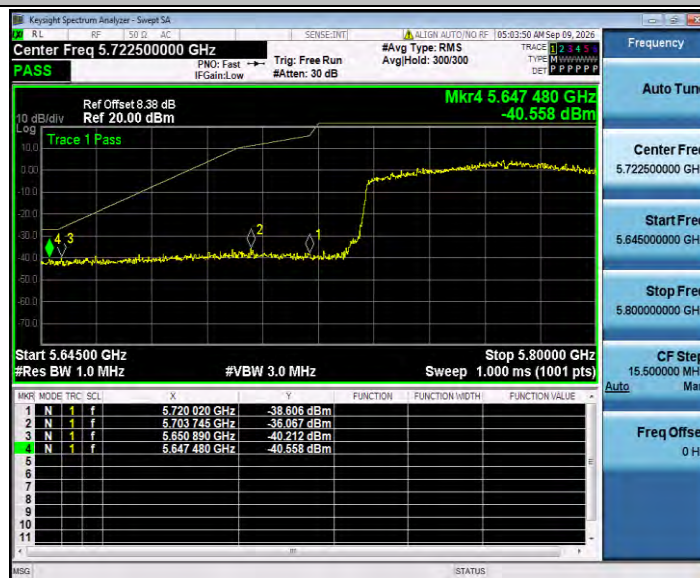
11AX40SISO_Ant0_Low_5755



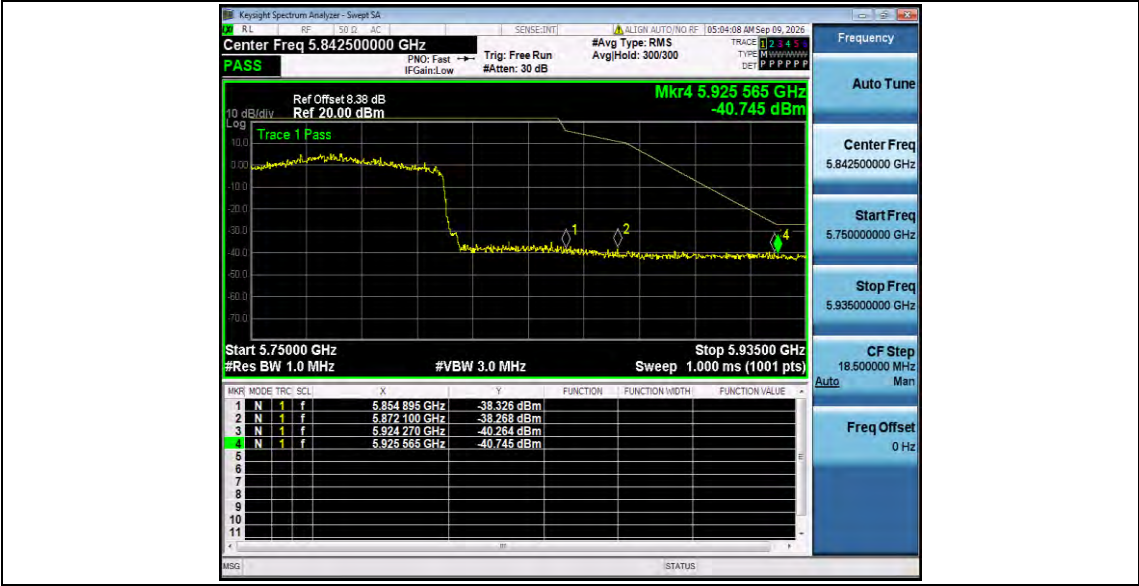
11AX40SISO_Ant0_High_5795



11AX80SISO_Ant0_Low_5775



11AX80SISO_Ant0_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	Ant0	5745	30~5650	5576.38	-41.07	≤-27	PASS
			5925~27000	26894.63	-32.79	≤-27	PASS
		5785	30~5650	5389.79	-41.58	≤-27	PASS
			5925~27000	25219.87	-33.06	≤-27	PASS
		5825	30~5650	2840.56	-41.92	≤-27	PASS
			5925~27000	26543.38	-32.93	≤-27	PASS
11N20SISO	Ant0	5745	30~5650	3247.45	-41.36	≤-27	PASS
			5925~27000	24999.28	-33.09	≤-27	PASS
		5785	30~5650	3053	-41.7	≤-27	PASS
			5925~27000	25601.32	-33.08	≤-27	PASS
		5825	30~5650	3411.55	-41.73	≤-27	PASS
			5925~27000	26730.94	-33.65	≤-27	PASS
11N40SISO	Ant0	5755	30~5650	5449.93	-41.2	≤-27	PASS
			5925~27000	24188.6	-33.18	≤-27	PASS
		5795	30~5650	5371.25	-41.15	≤-27	PASS
			5925~27000	26029.85	-32.33	≤-27	PASS
11AC20SISO	Ant0	5745	30~5650	4895.8	-41.69	≤-27	PASS
			5925~27000	24245.5	-32.2	≤-27	PASS
		5785	30~5650	4905.91	-41.48	≤-27	PASS
			5925~27000	26487.88	-33.29	≤-27	PASS
		5825	30~5650	2641.8	-41.59	≤-27	PASS
			5925~27000	26062.87	-33.37	≤-27	PASS
11AC40SISO	Ant0	5755	30~5650	3320.32	-40.64	≤-27	PASS
			5925~27000	25575.33	-32.62	≤-27	PASS
		5795	30~5650	2671.21	-41.25	≤-27	PASS
			5925~27000	24220.21	-33.2	≤-27	PASS
11AC80SISO	Ant0	5775	30~5650	2998.86	-41.51	≤-27	PASS
			5925~27000	26811.03	-32.97	≤-27	PASS
11AX20SISO	Ant0	5745	30~5650	5463.6	-41.57	≤-27	PASS
			5925~27000	24231.45	-32.51	≤-27	PASS
		5785	30~5650	5412.09	-41.72	≤-27	PASS
			5925~27000	23561.97	-33.07	≤-27	PASS
		5825	30~5650	5475.22	-41.14	≤-27	PASS
			5925~27000	24236.37	-32.7	≤-27	PASS
11AX40SISO	Ant0	5755	30~5650	2808.34	-41.29	≤-27	PASS
			5925~27000	26911.49	-33	≤-27	PASS

		5795	30~5650	2699.87	-40.78	≤ -27	PASS
			5925~27000	24201.94	-32.73	≤ -27	PASS
11AX80SISO	Ant0	5775	30~5650	4858.33	-41.44	≤ -27	PASS
			5925~27000	24744.98	-32.4	≤ -27	PASS

Test Graphs

11A_Ant0_5745_30~5650



11A_Ant0_5745_5925~27000



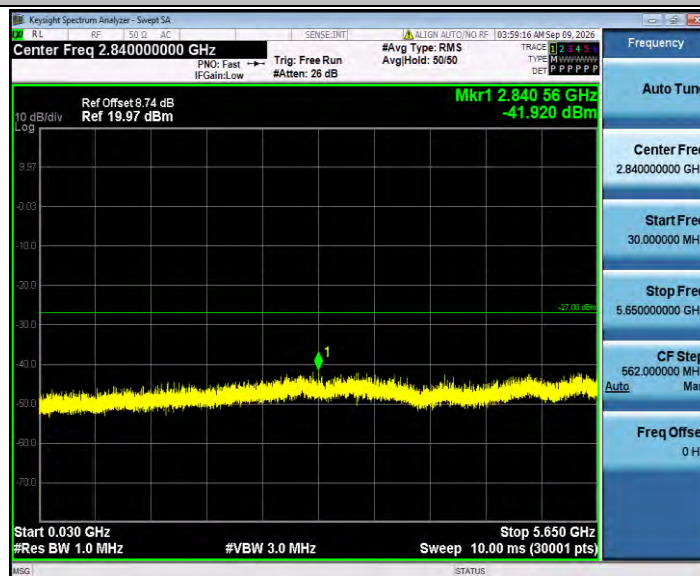
11A_Ant0_5785_30~5650



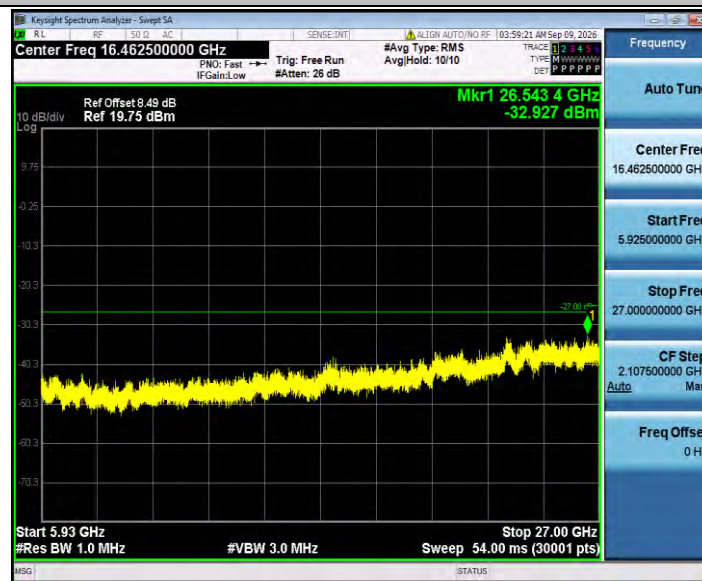
11A_Ant0_5785_5925~27000



11A_Ant0_5825_30~5650



11A_Ant0_5825_5925~27000



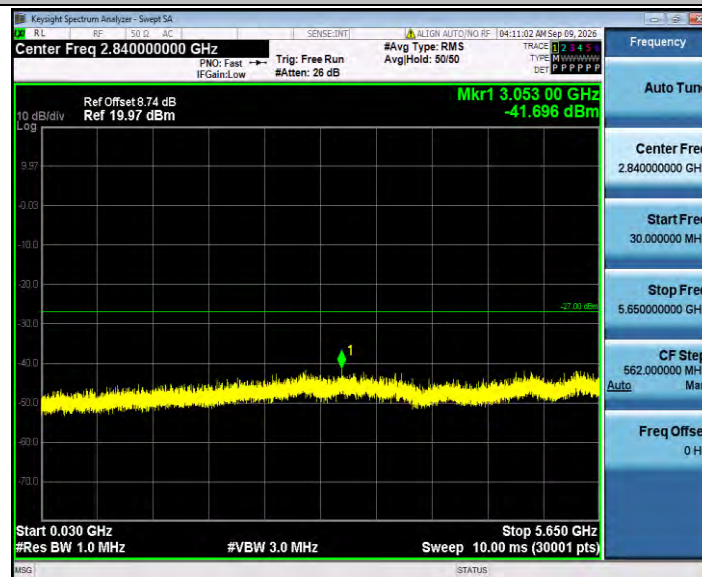
11N20SISO_Ant0_5745_30~5650



11N20SISO_Ant0_5745_5925~27000



11N20SISO_Ant0_5785_30~5650



11N20SISO_Ant0_5785_5925~27000



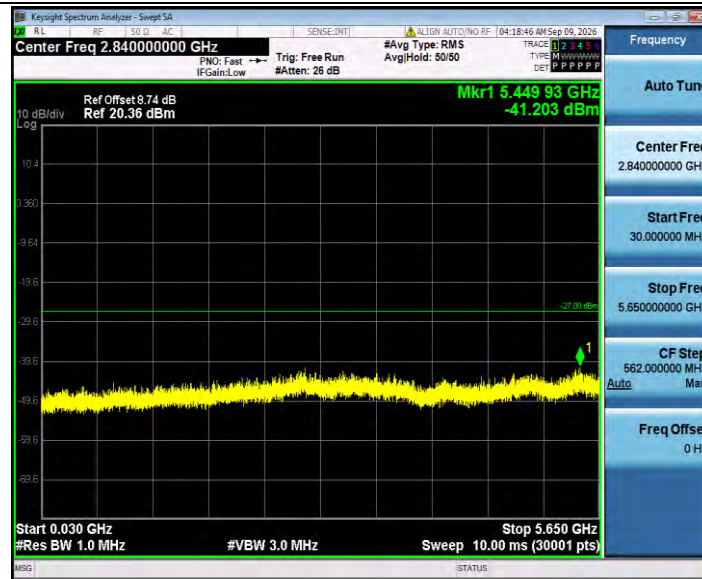
11N20SISO_Ant0_5825_30~5650



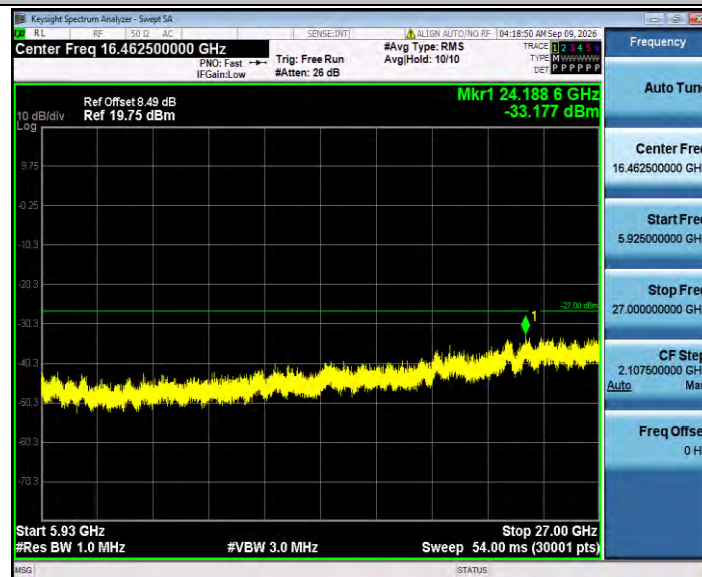
11N20SISO_Ant0_5825_5925~27000



11N40SISO_Ant0_5755_30~5650



11N40SISO_Ant0_5755_5925~27000



11N40SISO_Ant0_5795_30~5650



11N40SISO_Ant0_5795_5925~27000



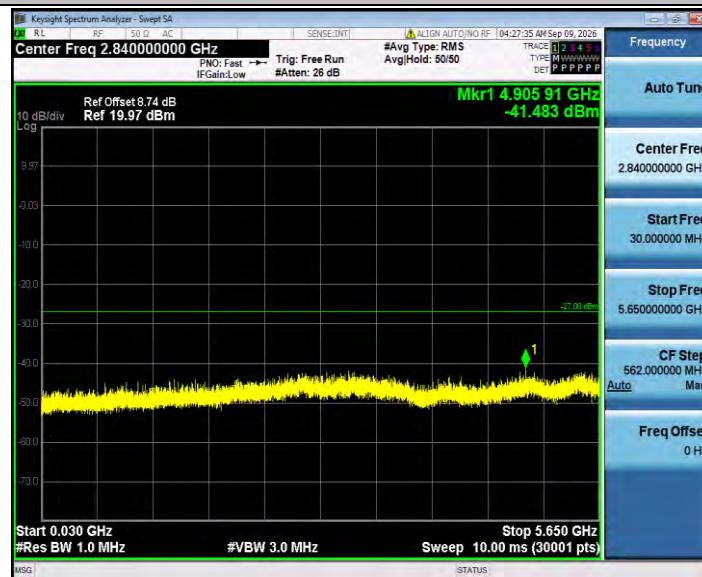
11AC20SISO_Ant0_5745_30~5650



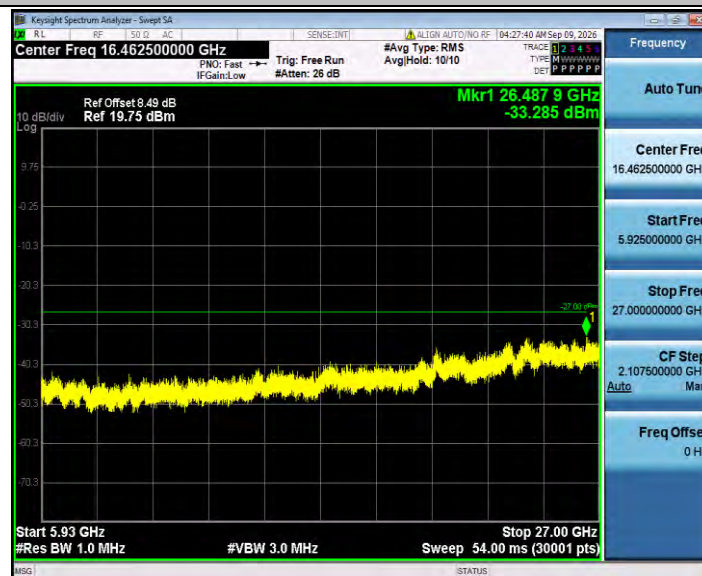
11AC20SISO_Ant0_5745_5925~27000



11AC20SISO_Ant0_5785_30~5650



11AC20SISO_Ant0_5785_5925~27000



11AC20SISO_Ant0_5825_30~5650



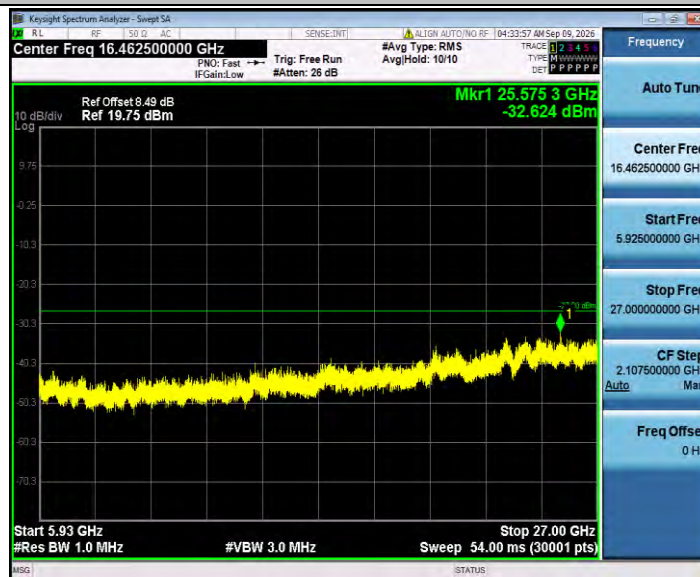
11AC20SISO_Ant0_5825_5925~27000



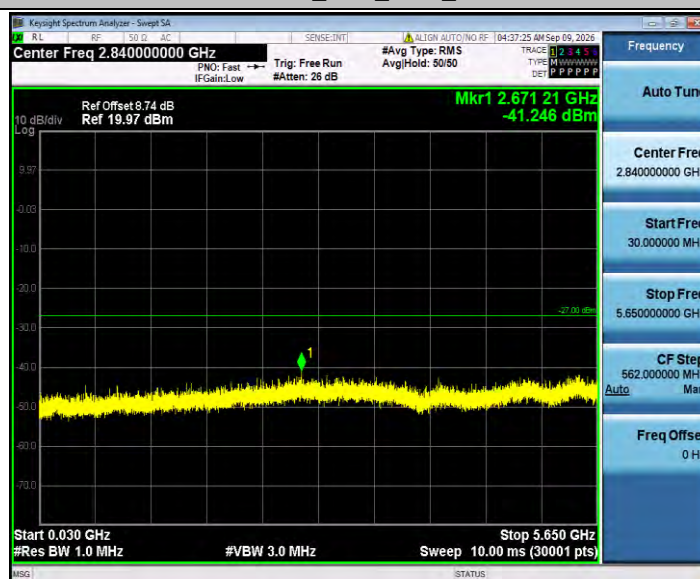
11AC40SISO_Ant0_5755_30~5650



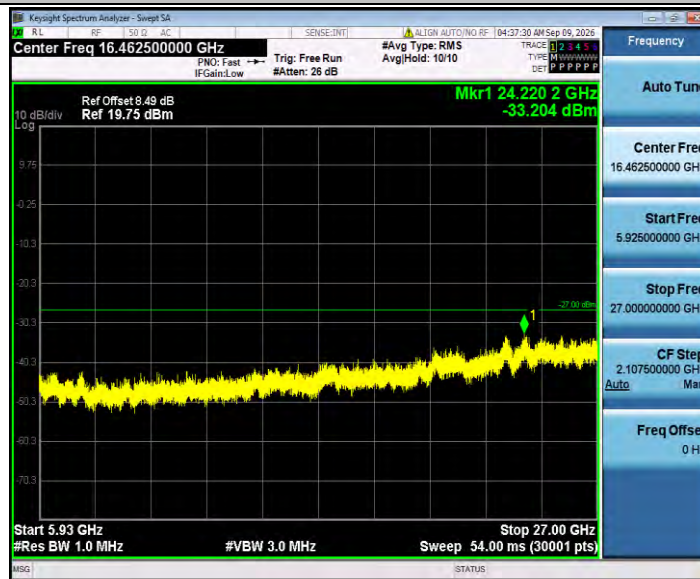
11AC40SISO_Ant0_5755_5925~27000



11AC40SISO_Ant0_5795_30~5650



11AC40SISO_Ant0_5795_5925~27000



11AC80SISO_Ant0_5775_30~5650



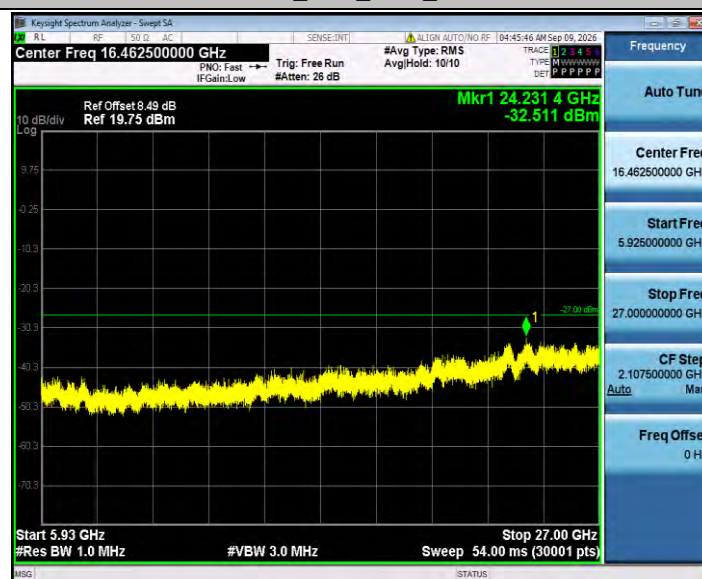
11AC80SISO_Ant0_5775_5925~27000



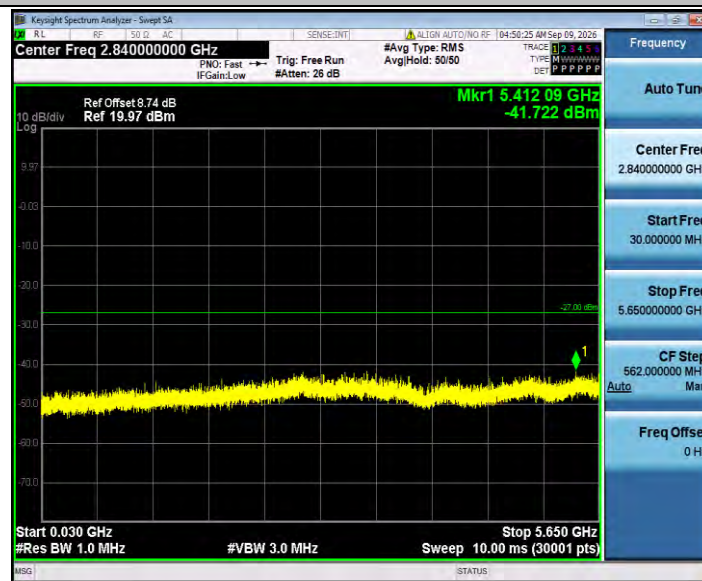
11AX20SISO_Ant0_5745_30~5650



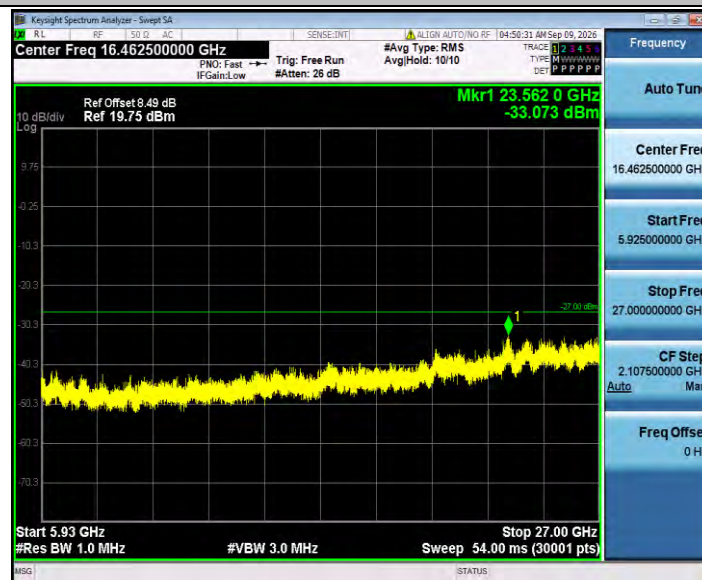
11AX20SISO_Ant0_5745_5925~27000



11AX20SISO_Ant0_5785_30~5650



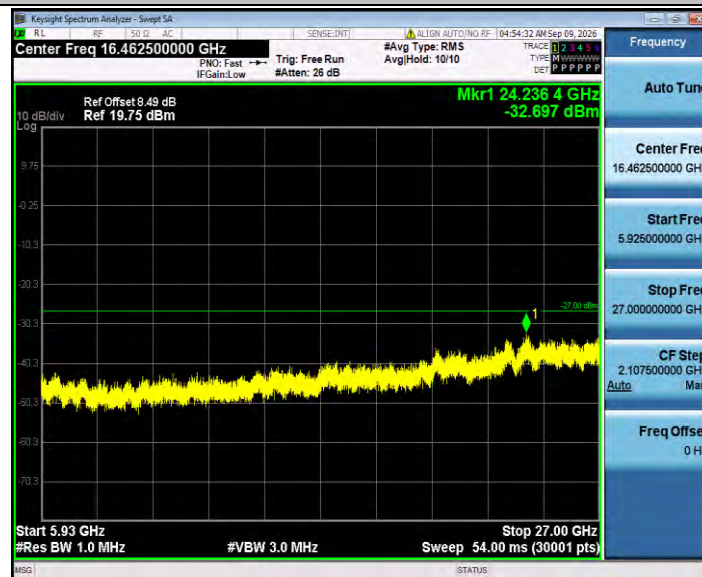
11AX20SISO_Ant0_5785_5925~27000



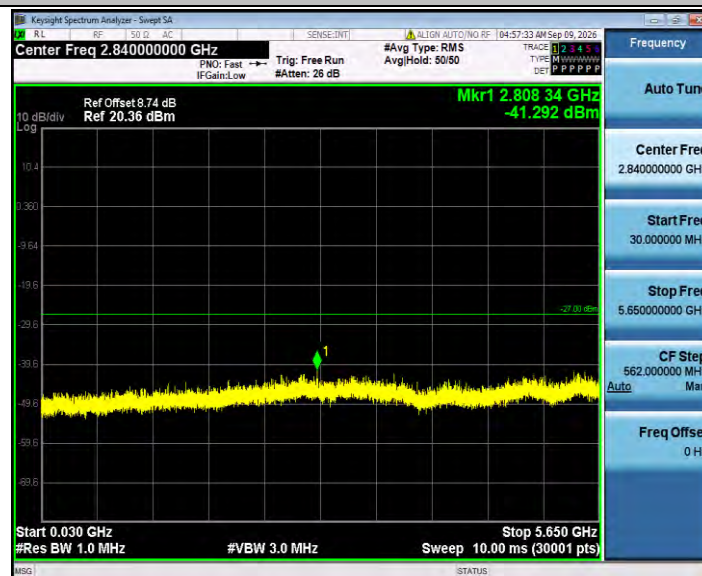
11AX20SISO_Ant0_5825_30~5650



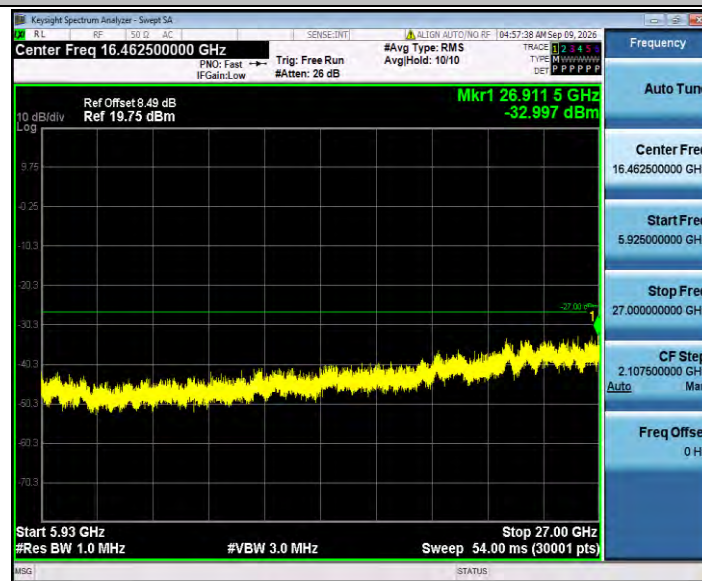
11AX20SISO_Ant0_5825_5925~27000



11AX40SISO_Ant0_5755_30~5650



11AX40SISO_Ant0_5755_5925~27000



11AX40SISO_Ant0_5795_30~5650



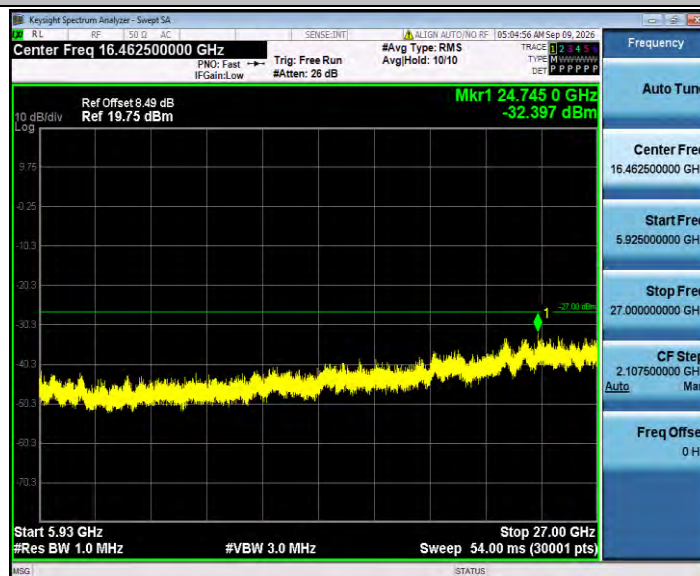
11AX40SISO_Ant0_5795_5925~27000



11AX80SISO_Ant0_5775_30~5650



11AX80SISO_Ant0_5775_5925~27000



Appendix E.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	Ant0	Low	5745	Peak	5650.000	-40.05 3	≤-27.00	---	---	PASS
				Peak	5700.000	-40.31	≤10.00	---	---	PASS
				Peak	5720.000	-34.13	≤15.60	---	---	PASS
				Peak	5725.000	-31.91	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-36.54 6	≤27.00	---	---	PASS
				Peak	5855.000	-37.1	≤15.60	---	---	PASS
				Peak	5875.000	-38.48	≤10.00	---	---	PASS
				Peak	5925.000	-38.27	≤-27.00	---	---	PASS
11N20SISO	Ant0	Low	5745	Peak	5650.000	-39.14 7	≤-27.00	---	---	PASS
				Peak	5700.000	-40.82	≤10.00	---	---	PASS
				Peak	5720.000	-38.39	≤15.60	---	---	PASS
				Peak	5725.000	-31.01	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-34.95 7	≤27.00	---	---	PASS
				Peak	5855.000	-37.05	≤15.60	---	---	PASS
				Peak	5875.000	-38.11	≤10.00	---	---	PASS
				Peak	5925.000	-38.39	≤-27.00	---	---	PASS
11N40SISO	Ant0	Low	5755	Peak	5650.000	-42.04 7	≤-27.00	---	---	PASS
				Peak	5700.000	-39.33	≤10.00	---	---	PASS
				Peak	5720.000	-36.51	≤15.60	---	---	PASS
				Peak	5725.000	-35.62	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-36.74 6	≤27.00	---	---	PASS
				Peak	5855.000	-38.91	≤15.60	---	---	PASS
				Peak	5875.000	-37.44	≤10.00	---	---	PASS
				Peak	5925.000	-38.71	≤-27.00	---	---	PASS
11AC20SISO	Ant0	Low	5745	Peak	5650.000	-41.86	≤-27.00	---	---	PASS
				Peak	5700.000	-40.61	≤10.00	---	---	PASS
				Peak	5720.000	-34.83	≤15.60	---	---	PASS
				Peak	5725.000	-30.73	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-36.00 8	≤27.00	---	---	PASS

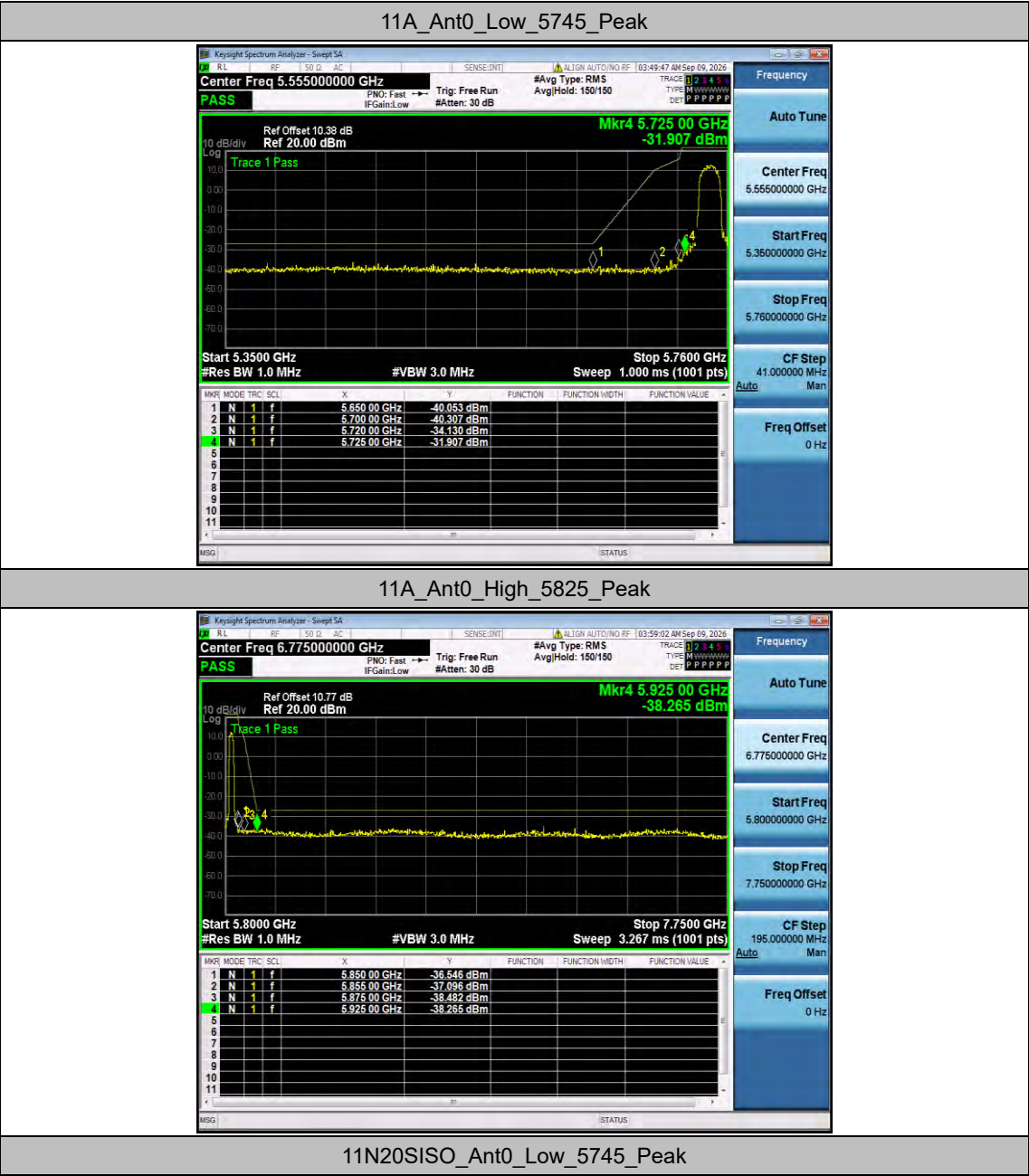
				Peak	5855.000	-36.24	≤15.60	---	---	PASS
				Peak	5875.000	-36.58	≤10.00	---	---	PASS
				Peak	5925.000	-37.55	≤-27.00	---	---	PASS
11AC40SI SO	Ant0	Low	5755	Peak	5650.000	-41.56 3	≤-27.00	---	---	PASS
				Peak	5700.000	-39.27	≤10.00	---	---	PASS
				Peak	5720.000	-34.84	≤15.60	---	---	PASS
				Peak	5725.000	-31.48	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-38.00 5	≤27.00	---	---	PASS
				Peak	5855.000	-36.79	≤15.60	---	---	PASS
				Peak	5875.000	-37.49	≤10.00	---	---	PASS
				Peak	5925.000	-39.19	≤-27.00	---	---	PASS
11AC80SI SO	Ant0	Low	5775	Peak	5650.000	-41.16 3	≤-27.00	---	---	PASS
				Peak	5700.000	-34.31	≤10.00	---	---	PASS
				Peak	5720.000	-35.62	≤15.60	---	---	PASS
				Peak	5725.000	-35.85	≤27.00	---	---	PASS
		High	5775	Peak	5850.000	-31.44 6	≤27.00	---	---	PASS
				Peak	5855.000	-34.48	≤15.60	---	---	PASS
				Peak	5875.000	-38	≤10.00	---	---	PASS
				Peak	5925.000	-36.58	≤-27.00	---	---	PASS
11AX20SI SO	Ant0	Low	5745	Peak	5650.000	-41.61 6	≤-27.00	---	---	PASS
				Peak	5700.000	-41.29	≤10.00	---	---	PASS
				Peak	5720.000	-37.71	≤15.60	---	---	PASS
				Peak	5725.000	-35.77	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-34.79 9	≤27.00	---	---	PASS
				Peak	5855.000	-37.09	≤15.60	---	---	PASS
				Peak	5875.000	-37.67	≤10.00	---	---	PASS
				Peak	5925.000	-37.67	≤-27.00	---	---	PASS
11AX40SI SO	Ant0	Low	5755	Peak	5650.000	-41.75 4	≤-27.00	---	---	PASS
				Peak	5700.000	-37.37	≤10.00	---	---	PASS
				Peak	5720.000	-38.36	≤15.60	---	---	PASS
				Peak	5725.000	-36.44	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-37.93 1	≤27.00	---	---	PASS
				Peak	5855.000	-37.13	≤15.60	---	---	PASS
				Peak	5875.000	-37.91	≤10.00	---	---	PASS
				Peak	5925.000	-36.59	≤-27.00	---	---	PASS

11AX80SI SO	Ant0	Low	5775	Peak	5650.000	-40.12 7	≤ -27.00	---	---	PASS
				Peak	5700.000	-37.52	≤ 10.00	---	---	PASS
				Peak	5720.000	-37.34	≤ 15.60	---	---	PASS
				Peak	5725.000	-39.55	≤ 27.00	- - -	- - -	PASS
		High	5775	Peak	5850.000	-36.80 1	≤ 27.00	---	---	PASS
				Peak	5855.000	-36.5	≤ 15.60	---	---	PASS
				Peak	5875.000	-37.39	≤ 10.00	---	---	PASS
				Peak	5925.000	-38.43	≤ -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



11A_Ant0_High_5825_Peak

11N20SISO_Ant0_Low_5745_Peak



11N20SISO_Ant0_High_5825_Peak



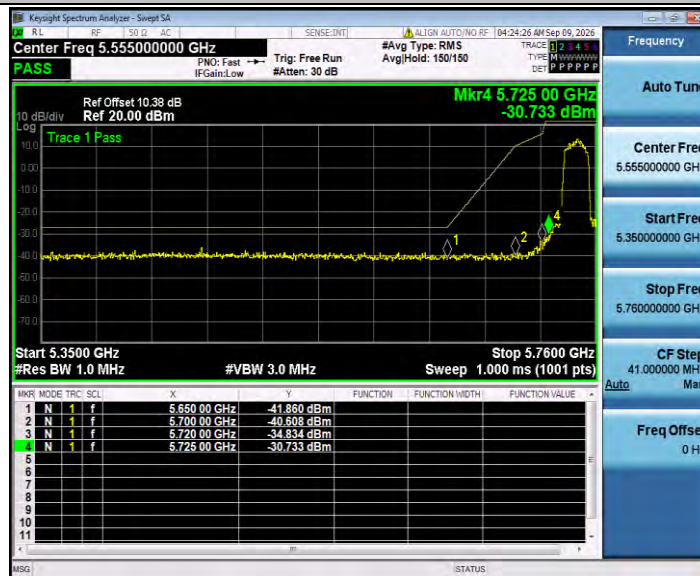
11N40SISO_Ant0_Low_5755_Peak



11N40SISO_Ant0_High_5795_Peak



11AC20SISO_Ant0_Low_5745_Peak



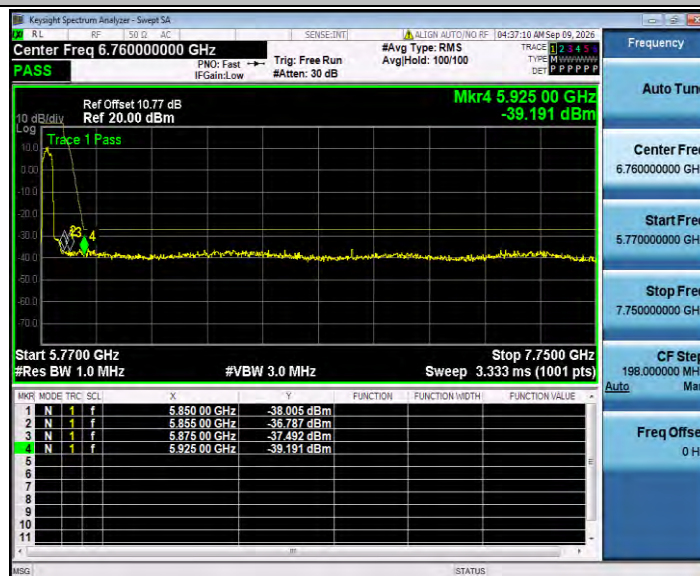
11AC20SISO_Ant0_High_5825_Peak



11AC40SISO_Ant0_Low_5755_Peak



11AC40SISO_Ant0_High_5795_Peak



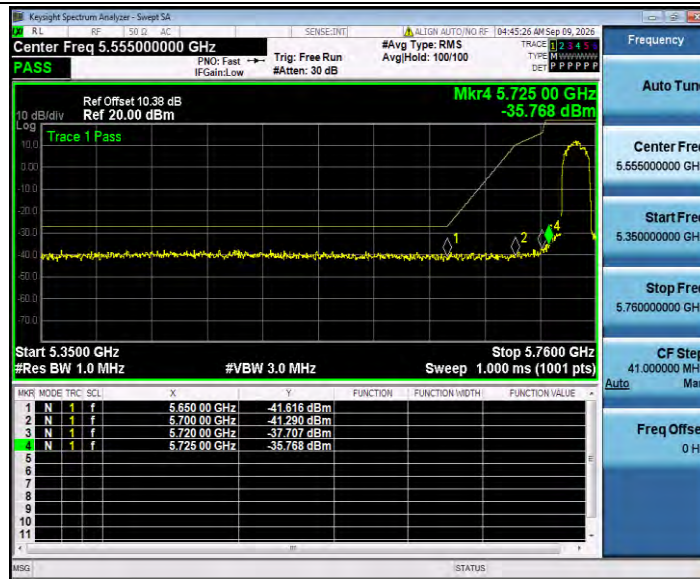
11AC80SISO_Ant0_Low_5775_Peak



11AC80SISO_Ant0_High_5775_Peak



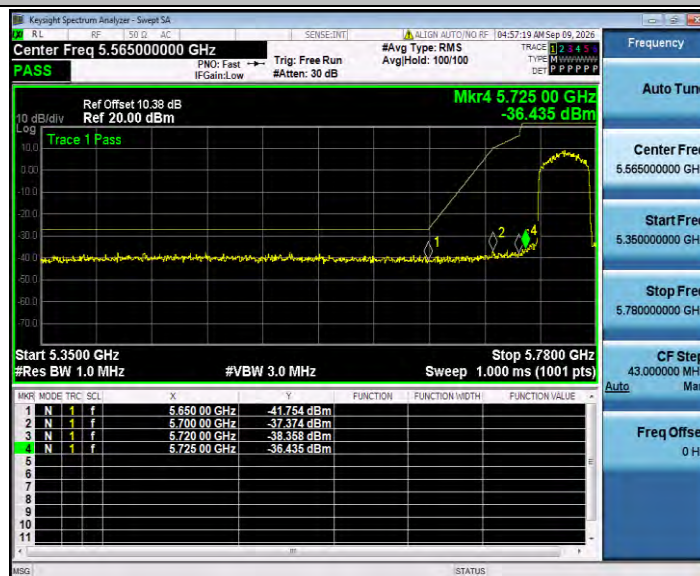
11AX20SISO_Ant0_Low_5745_Peak



11AX20ISO_Ant0_High_5825_Peak



11AX40ISO_Ant0_Low_5755_Peak



11AX40SISO_Ant0_High_5795_Peak



11AX80SISO_Ant0_Low_5775_Peak



11AX80SISO_Ant0_High_5775_Peak

