

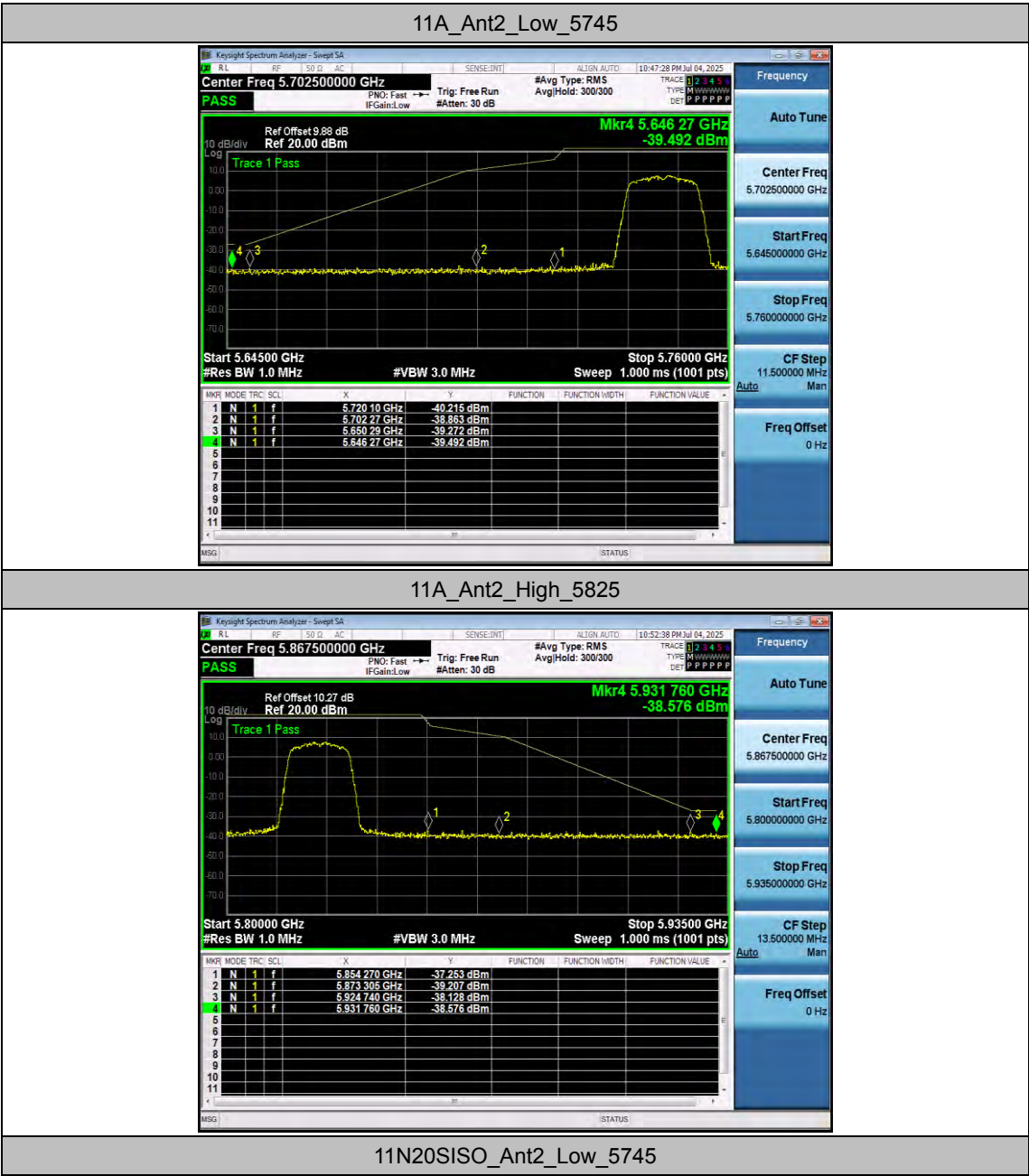
Appendix E.6: Band edge measurements

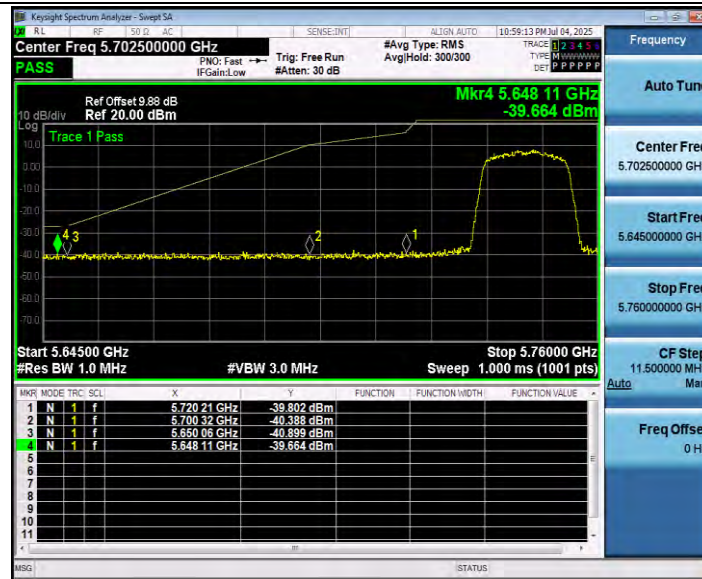
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-39.27	≤-26.79	PASS
				5700~5720	-38.86	≤10.64	PASS
				5720~5725	-40.22	≤15.82	PASS
				5760~5650	-39.49	≤-27	PASS
		High	5825	5850~5855	-37.25	≤17.26	PASS
				5855~5875	-39.21	≤10.47	PASS
				5875~5925	-38.13	≤-26.81	PASS
				5925~5935	-38.58	≤-27	PASS
11N20SISO	Ant2	Low	5745	5650~5700	-40.9	≤-26.96	PASS
				5700~5720	-40.39	≤10.09	PASS
				5720~5725	-39.8	≤16.08	PASS
				5760~5650	-39.66	≤-27	PASS
		High	5825	5850~5855	-39.37	≤15.73	PASS
				5855~5875	-38.26	≤10.02	PASS
				5875~5925	-38.79	≤-26.71	PASS
				5925~5935	-38.21	≤-27	PASS
11N40SISO	Ant2	Low	5755	5650~5700	-40.6	≤-26.90	PASS
				5700~5720	-39.46	≤10.85	PASS
				5720~5725	-39.55	≤16.35	PASS
				5780~5650	-39.27	≤-27	PASS
		High	5795	5850~5855	-40.64	≤15.66	PASS
				5855~5875	-38.95	≤10.25	PASS
				5875~5925	-37.9	≤-26.71	PASS
				5925~5935	-39.01	≤-27	PASS
11AC20SISO	Ant2	Low	5745	5650~5700	-39.58	≤-26.53	PASS
				5700~5720	-39.56	≤10.12	PASS
				5720~5725	-38.73	≤15.82	PASS
				5760~5650	-39.34	≤-27	PASS
		High	5825	5850~5855	-39.1	≤16.03	PASS
				5855~5875	-39.16	≤10.21	PASS
				5875~5925	-37.85	≤-26.41	PASS
				5925~5935	-38.81	≤-27	PASS
11AC40SISO	Ant2	Low	5755	5650~5700	-40.35	≤-26.50	PASS
				5700~5720	-39.2	≤10.40	PASS

		High	5795	5720~5725	-38.94	≤ 15.74	PASS
				5780~5650	-39.67	≤ -27	PASS
				5850~5855	-38.31	≤ 17.16	PASS
				5855~5875	-38.74	≤ 10.06	PASS
				5875~5925	-38.52	≤ -26.59	PASS
				5925~5935	-38.6	≤ -27	PASS
11AC80SIS O	Ant2	Low	5775	5650~5700	-40.61	≤ -26.57	PASS
				5700~5720	-38.64	≤ 10.31	PASS
				5720~5725	-38.74	≤ 15.65	PASS
				5800~5650	-38.78	≤ -27	PASS
		High	5775	5850~5855	-38.81	≤ 15.84	PASS
				5855~5875	-38.77	≤ 10.66	PASS
				5875~5925	-39.2	≤ -26.60	PASS
				5925~5935	-38.7	≤ -27	PASS
11AX20SIS O	Ant2	Low	5745	5650~5700	-40.19	≤ -25.76	PASS
				5700~5720	-37.96	≤ 11.02	PASS
				5720~5725	-39.26	≤ 16.60	PASS
				5760~5650	-38.94	≤ -27	PASS
		High	5825	5850~5855	-39.46	≤ 16.03	PASS
				5855~5875	-37.78	≤ 10.25	PASS
				5875~5925	-38.85	≤ -26.41	PASS
				5925~5935	-37.89	≤ -27	PASS
11AX40SIS O	Ant2	Low	5755	5650~5700	-40.73	≤ -26.50	PASS
				5700~5720	-38.78	≤ 11.19	PASS
				5720~5725	-39.06	≤ 16.04	PASS
				5780~5650	-39.53	≤ -27	PASS
		High	5795	5850~5855	-38.37	≤ 16.03	PASS
				5855~5875	-39.25	≤ 10.02	PASS
				5875~5925	-39.19	≤ -26.71	PASS
				5925~5935	-38.15	≤ -27	PASS
11AX80SIS O	Ant2	Low	5775	5650~5700	-40.55	≤ -26.80	PASS
				5700~5720	-38.72	≤ 10.18	PASS
				5720~5725	-39.05	≤ 15.65	PASS
				5800~5650	-40.09	≤ -27	PASS
		High	5775	5850~5855	-39.61	≤ 15.84	PASS
				5855~5875	-37.81	≤ 10.35	PASS
				5875~5925	-38.64	≤ -25.78	PASS
				5925~5935	-39.06	≤ -27	PASS

Test Graphs B4





11N20SISO_Ant2_High_5825



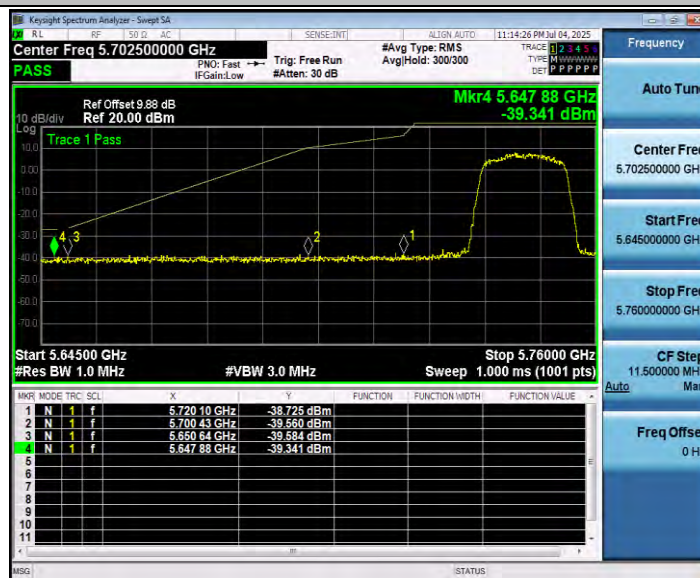
11N40SISO_Ant2_Low_5755



11N40SISO_Ant2_High_5795



11AC20SISO_Ant2_Low_5745



11AC20SISO_Ant2_High_5825



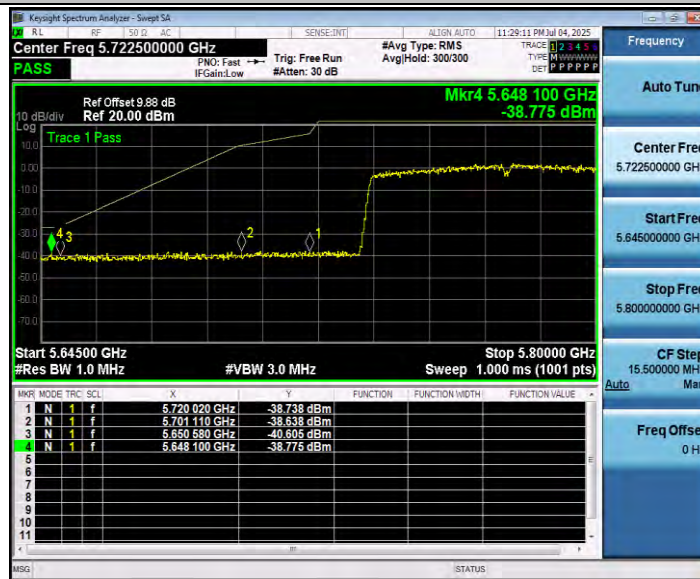
11AC40SISO_Ant2_Low_5755



11AC40SISO_Ant2_High_5795



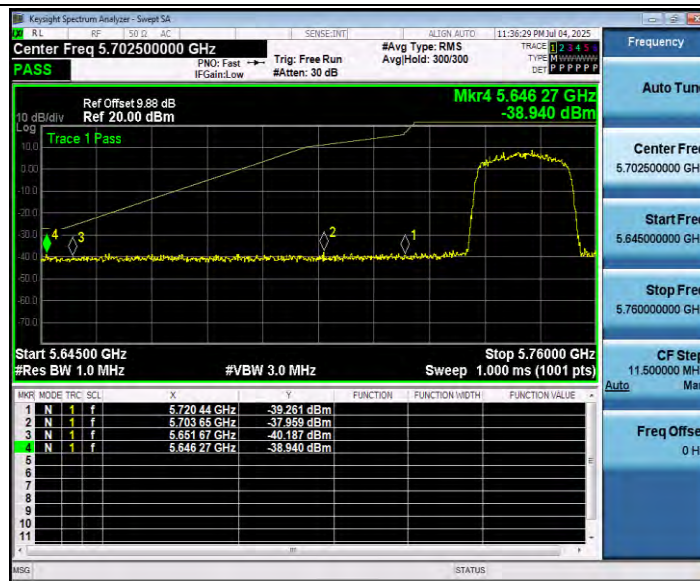
11AC80SISO_Ant2_Low_5775



11AC80SISO_Ant2_High_5775



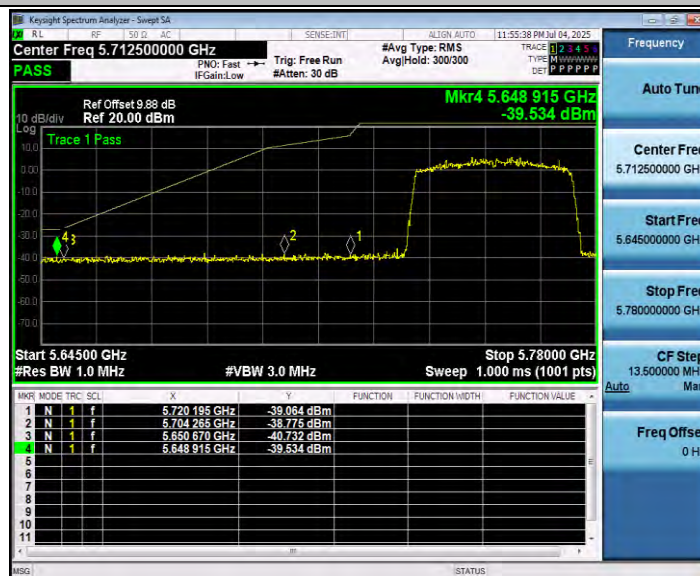
11AX20SISO_Ant2_Low_5745



11AX20SISO_Ant2_High_5825



11AX40SISO_Ant2_Low_5755



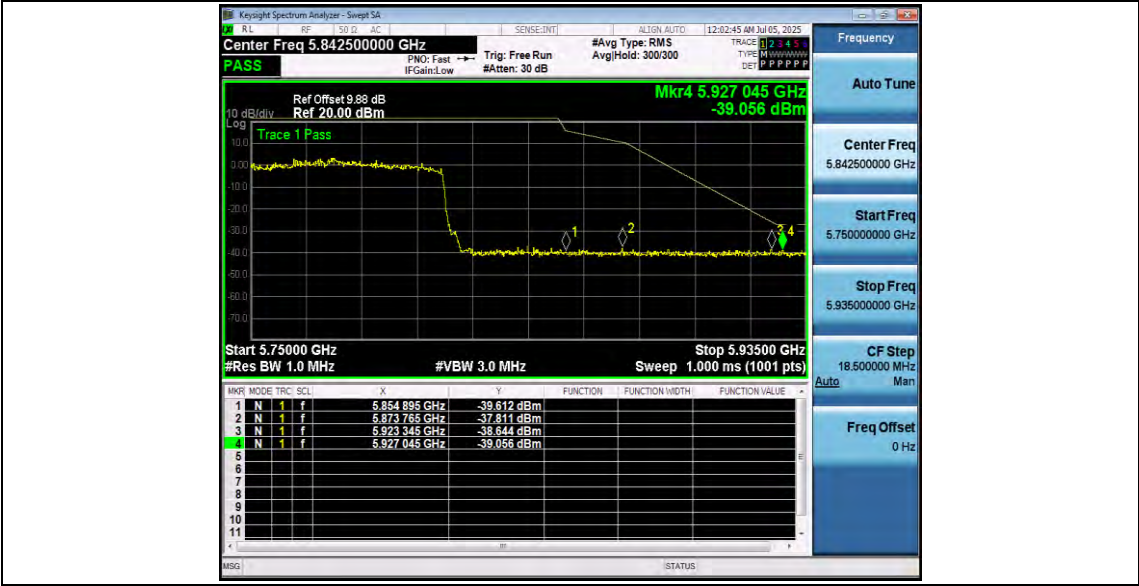
11AX40SISO_Ant2_High_5795



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	5621.15	-41.03	≤-27	PASS
			5925~27000	24880.56	-31.9	≤-27	PASS
		5785	30~5650	3183.19	-40.2	≤-27	PASS
			5925~27000	25224.78	-31.11	≤-27	PASS
		5825	30~5650	5486.46	-39.88	≤-27	PASS
			5925~27000	24275.71	-31.48	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	3350.3	-39.75	≤-27	PASS
			5925~27000	24848.95	-31.57	≤-27	PASS
		5785	30~5650	2649.48	-40.53	≤-27	PASS
			5925~27000	26889.71	-30.43	≤-27	PASS
		5825	30~5650	2608.27	-40.11	≤-27	PASS
			5925~27000	26548.29	-31.78	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	5462.48	-40.75	≤-27	PASS
			5925~27000	24206.86	-31.83	≤-27	PASS
		5795	30~5650	2876.72	-40.42	≤-27	PASS
			5925~27000	24179.46	-31.91	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	5384.74	-40.4	≤-27	PASS
			5925~27000	26414.82	-31.92	≤-27	PASS
		5785	30~5650	3038.57	-39.59	≤-27	PASS
			5925~27000	26966.28	-31.41	≤-27	PASS
		5825	30~5650	2681.89	-39.53	≤-27	PASS
			5925~27000	24983.83	-31.44	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	5479.53	-40.21	≤-27	PASS
			5925~27000	24286.24	-32.47	≤-27	PASS
		5795	30~5650	3146.66	-39.99	≤-27	PASS
			5925~27000	26108.53	-31.31	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	5460.98	-39.65	≤-27	PASS
			5925~27000	26504.04	-31.29	≤-27	PASS
11AX20SISO	Ant2	5745	30~5650	5489.46	-40.22	≤-27	PASS
			5925~27000	24203.35	-31.89	≤-27	PASS
		5785	30~5650	5475.41	-38.8	≤-27	PASS
			5925~27000	23505.77	-31.35	≤-27	PASS
		5825	30~5650	2997.92	-40.16	≤-27	PASS
			5925~27000	26628.38	-31.71	≤-27	PASS
11AX40SISO	Ant2	5755	30~5650	2586.16	-40.9	≤-27	PASS
			5925~27000	24808.9	-31.53	≤-27	PASS

		5795	30~5650	5448.24	-39.93	≤ -27	PASS
			5925~27000	26834.21	-31.7	≤ -27	PASS
11AX80SISO	Ant2	5775	30~5650	5576	-40	≤ -27	PASS
			5925~27000	24843.33	-31.47	≤ -27	PASS

Test Graphs

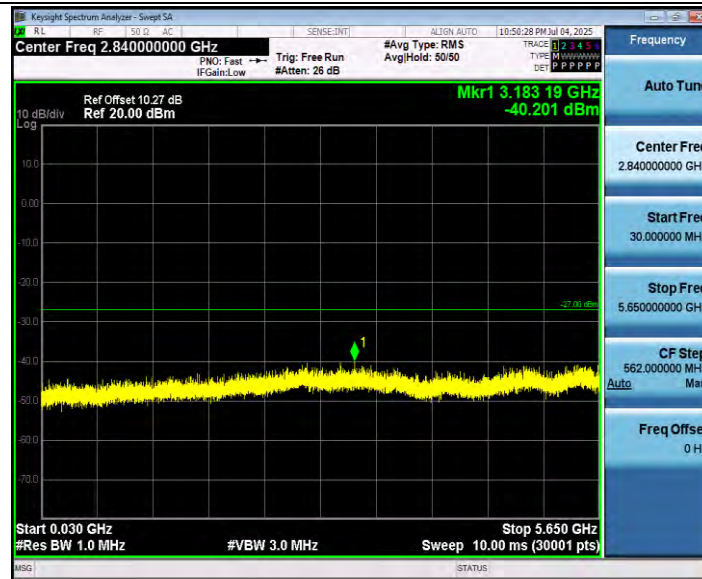
11A_Ant2_5745_30~5650



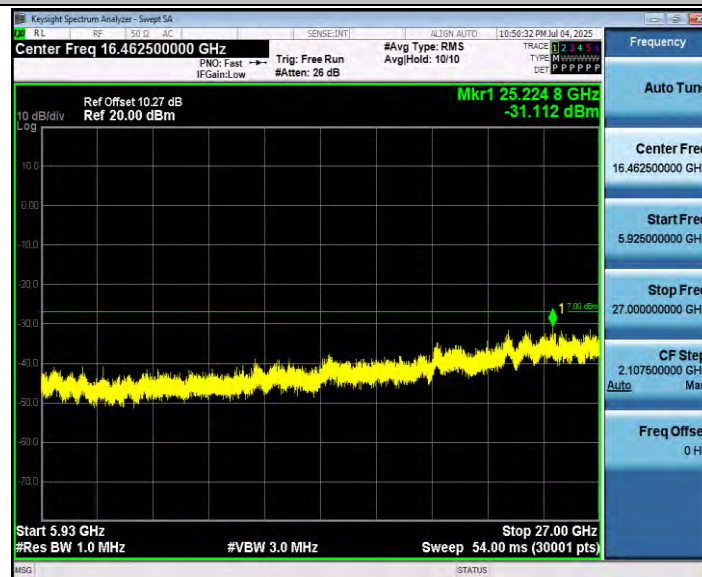
11A_Ant2_5745_5925~27000



11A_Ant2_5785_30~5650



11A_Ant2_5785_5925~27000



11A_Ant2_5825_30~5650



11A_Ant2_5825_5925~27000



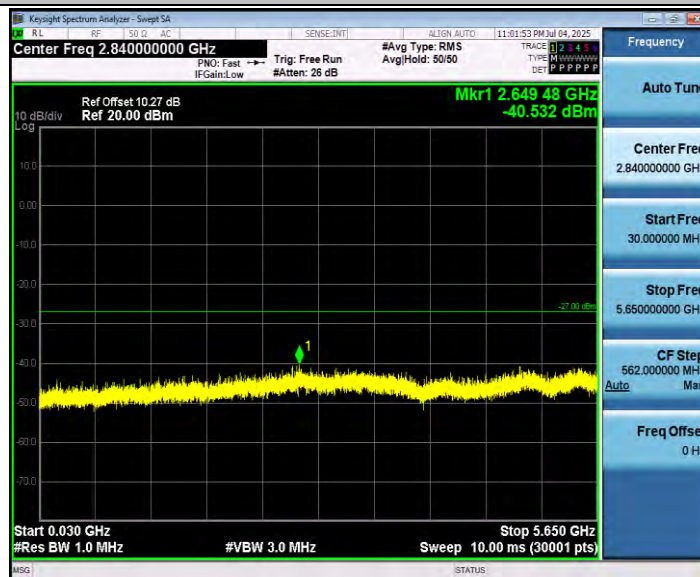
11N20SISO_Ant2_5745_30~5650



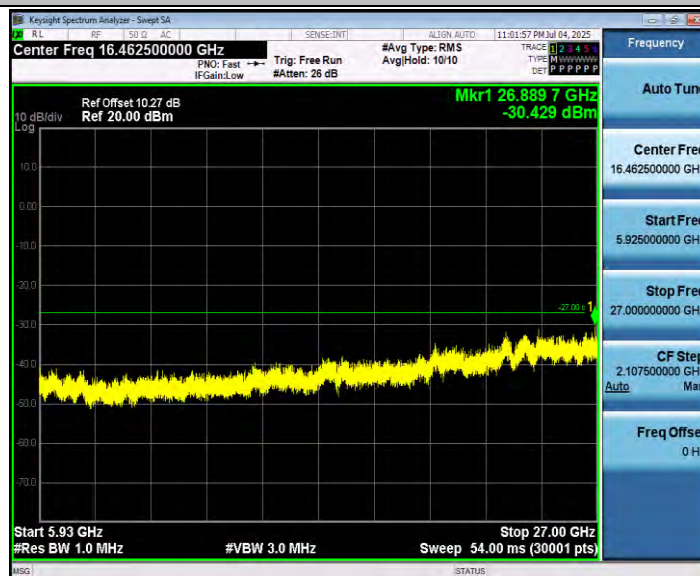
11N20SISO_Ant2_5745_5925~27000



11N20SISO_Ant2_5785_30~5650



11N20SISO_Ant2_5785_5925~27000



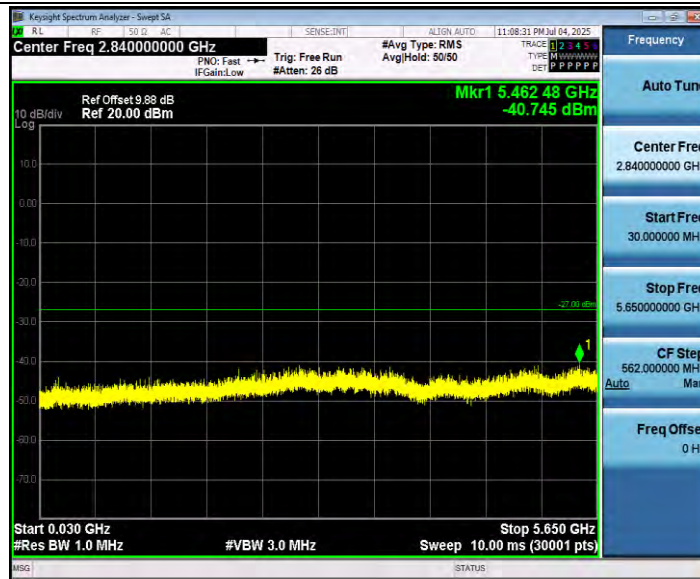
11N20SISO_Ant2_5825_30~5650



11N20SISO_Ant2_5825_5925~27000



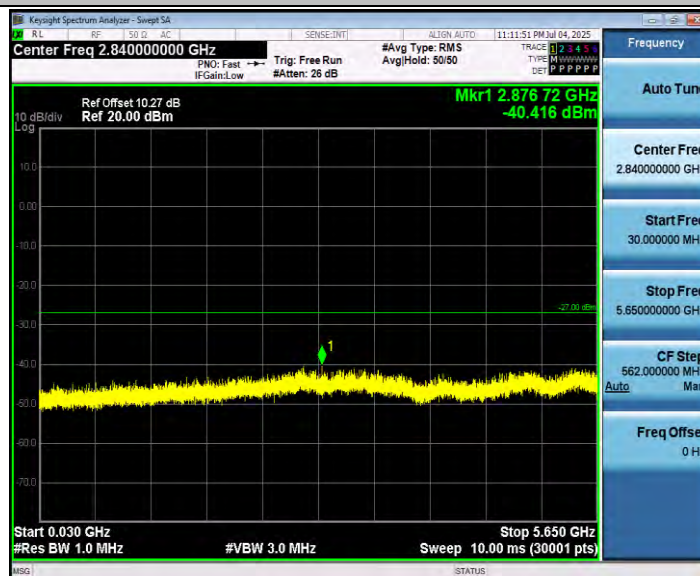
11N40SISO_Ant2_5755_30~5650



11N40SISO_Ant2_5755_5925~27000



11N40SISO_Ant2_5795_30~5650



11N40SISO_Ant2_5795_5925~27000



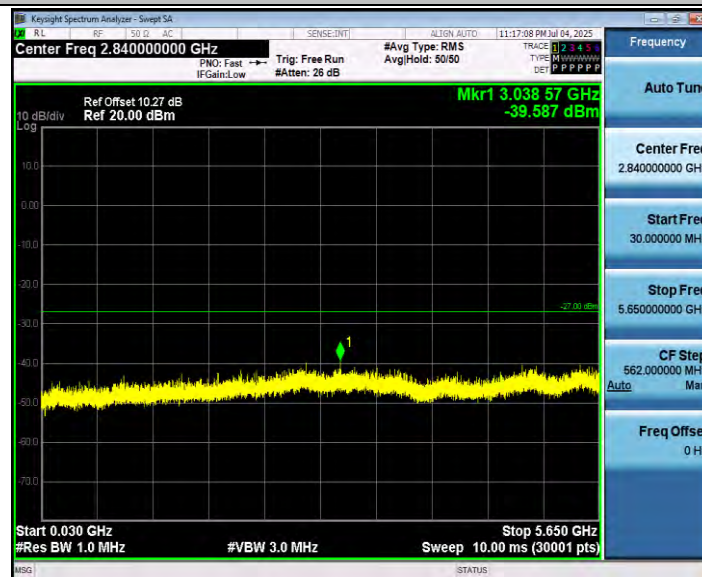
11AC20SISO_Ant2_5745_30~5650



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



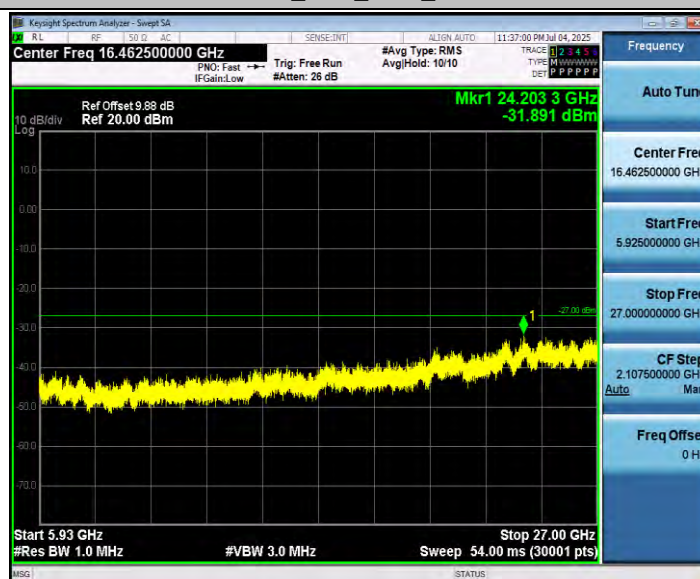
11AC80SISO_Ant2_5775_5925~27000



11AX20SISO_Ant2_5745_30~5650



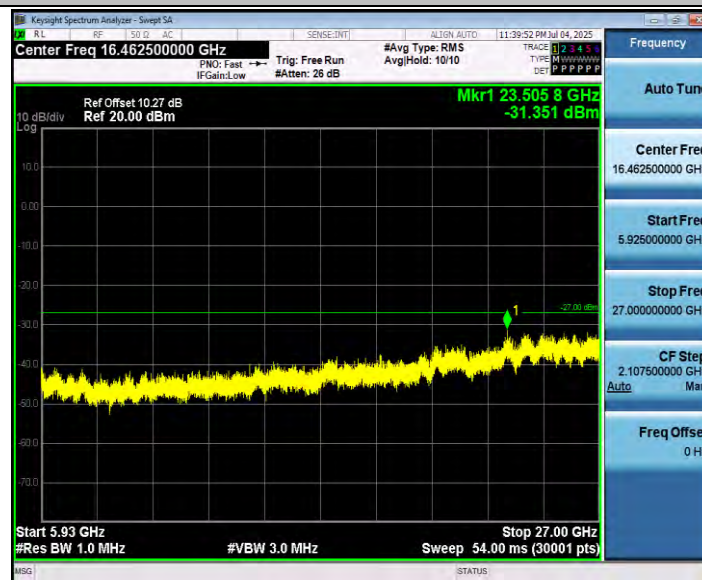
11AX20SISO_Ant2_5745_5925~27000



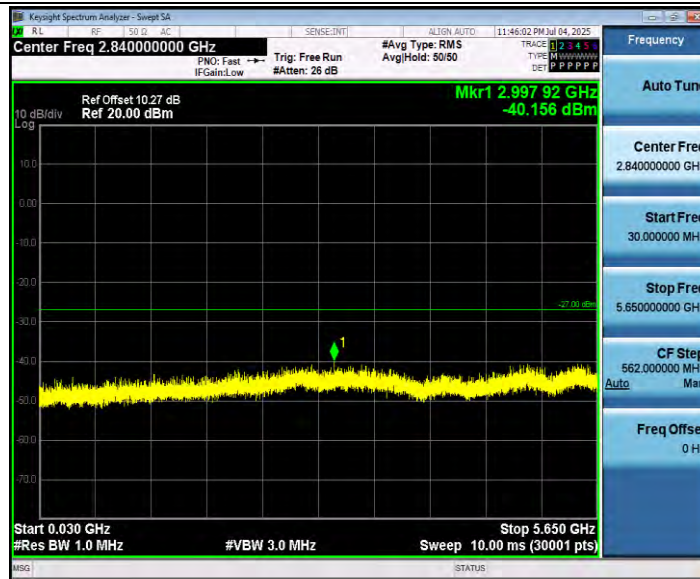
11AX20SISO_Ant2_5785_30~5650



11AX20SISO_Ant2_5785_5925~27000



11AX20SISO_Ant2_5825_30~5650



11AX20SISO_Ant2_5825_5925~27000



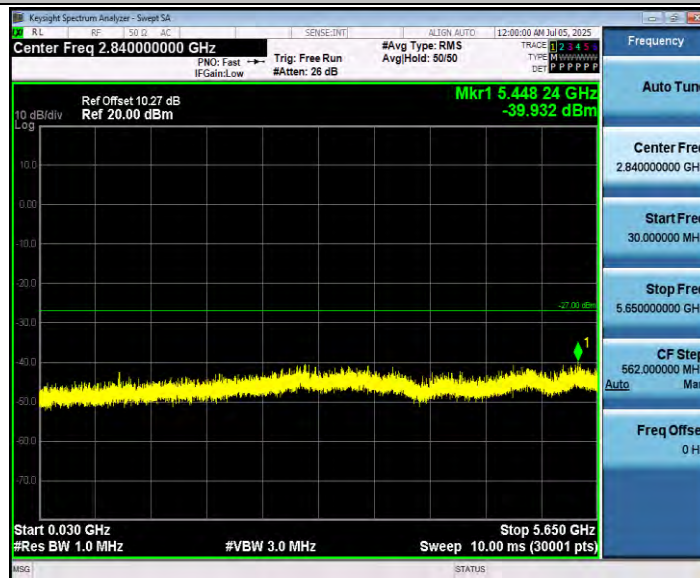
11AX40SISO_Ant2_5755_30~5650



11AX40SISO_Ant2_5755_5925~27000



11AX40SISO_Ant2_5795_30~5650



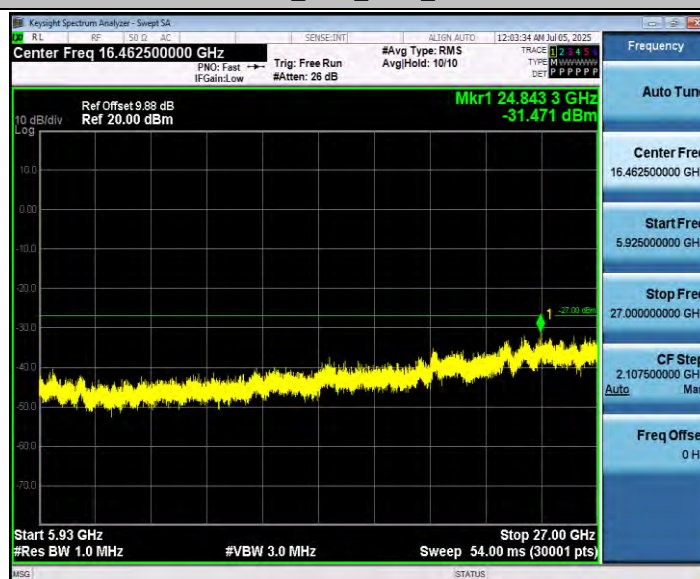
11AX40SISO_Ant2_5795_5925~27000



11AX80SISO_Ant2_5775_30~5650



11AX80SISO_Ant2_5775_5925~27000



Appendix E.8: Emissions in Restricted Bands

Test Result

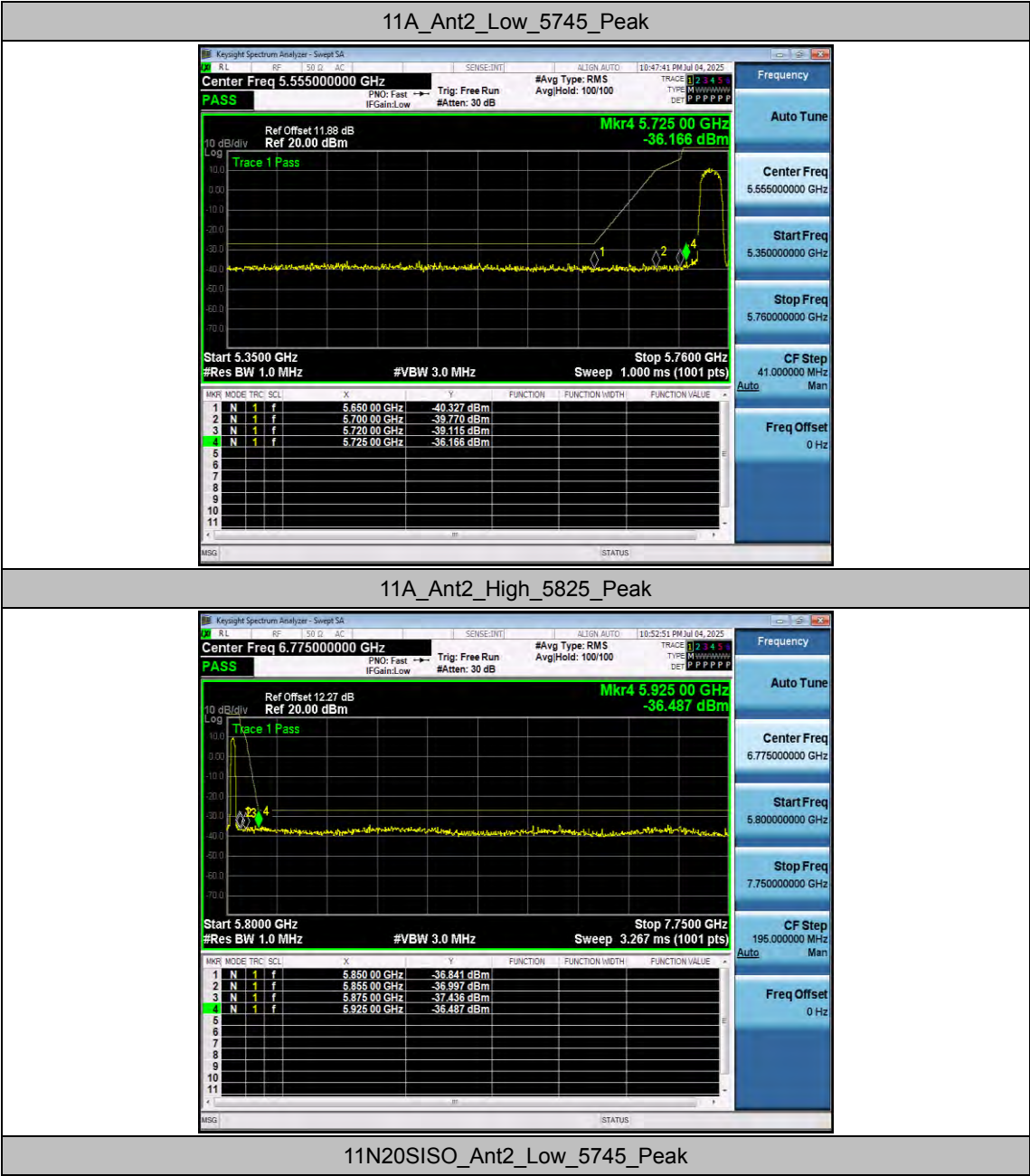
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant2	Low	5745	Peak	5650.000	-40.327	≤-27.00	---	---	PASS
				Peak	5700.000	-39.77	≤10.00	---	---	PASS
				Peak	5720.000	-39.12	≤15.60	---	---	PASS
				Peak	5725.000	-36.17	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-36.841	≤27.00	---	---	PASS
				Peak	5855.000	-37	≤15.60	---	---	PASS
				Peak	5875.000	-37.44	≤10.00	---	---	PASS
				Peak	5925.000	-36.49	≤-27.00	---	---	PASS
11N20SISO	Ant2	Low	5745	Peak	5650.000	-37.795	≤-27.00	---	---	PASS
				Peak	5700.000	-40.54	≤10.00	---	---	PASS
				Peak	5720.000	-39.53	≤15.60	---	---	PASS
				Peak	5725.000	-36.84	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-36.72	≤27.00	---	---	PASS
				Peak	5855.000	-36.34	≤15.60	---	---	PASS
				Peak	5875.000	-35.95	≤10.00	---	---	PASS
				Peak	5925.000	-35.08	≤-27.00	---	---	PASS
11N40SISO	Ant2	Low	5755	Peak	5650.000	-38.732	≤-27.00	---	---	PASS
				Peak	5700.000	-39.91	≤10.00	---	---	PASS
				Peak	5720.000	-39.29	≤15.60	---	---	PASS
				Peak	5725.000	-38.9	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-35.896	≤27.00	---	---	PASS
				Peak	5855.000	-36	≤15.60	---	---	PASS
				Peak	5875.000	-36.12	≤10.00	---	---	PASS
				Peak	5925.000	-36.69	≤-27.00	---	---	PASS
11AC20SISO	Ant2	Low	5745	Peak	5650.000	-39.148	≤-27.00	---	---	PASS
				Peak	5700.000	-39.75	≤10.00	---	---	PASS
				Peak	5720.000	-38.82	≤15.60	---	---	PASS
				Peak	5725.000	-39.77	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-35.699	≤27.00	---	---	PASS
				Peak	5855.000	-37.09	≤15.60	---	---	PASS
				Peak	5875.000	-35.76	≤10.00	---	---	PASS
				Peak	5925.000	-37.32	≤-27.00	---	---	PASS
11AC40SISO	Ant2	Low	5755	Peak	5650.000	-40.222	≤-27.00	---	---	PASS
				Peak	5700.000	-38.08	≤10.00	---	---	PASS
				Peak	5720.000	-38.69	≤15.60	---	---	PASS
				Peak	5725.000	-36.53	≤27.00	---	---	PASS

		High	5795	Peak	5850.000	-37.026	≤ 27.00	---	---	PASS
				Peak	5855.000	-36.45	≤ 15.60	---	---	PASS
				Peak	5875.000	-35.77	≤ 10.00	---	---	PASS
				Peak	5925.000	-37.11	≤ 27.00	- - -	- - -	PASS
11AC80SI SO	Ant2	Low	5775	Peak	5650.000	-36.905	≤ 27.00	---	---	PASS
				Peak	5700.000	-38.87	≤ 10.00	---	---	PASS
				Peak	5720.000	-38.2	≤ 15.60	---	---	PASS
				Peak	5725.000	-36.71	≤ 27.00	- - -	- - -	PASS
		High	5775	Peak	5850.000	-36.876	≤ 27.00	---	---	PASS
				Peak	5855.000	-37.45	≤ 15.60	---	---	PASS
				Peak	5875.000	-37.38	≤ 10.00	---	---	PASS
				Peak	5925.000	-37.59	≤ 27.00	- - -	- - -	PASS
11AX20SI SO	Ant2	Low	5745	Peak	5650.000	-40.12	≤ 27.00	---	---	PASS
				Peak	5700.000	-39.33	≤ 10.00	---	---	PASS
				Peak	5720.000	-38.78	≤ 15.60	---	---	PASS
				Peak	5725.000	-38.65	≤ 27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-36.493	≤ 27.00	---	---	PASS
				Peak	5855.000	-36.5	≤ 15.60	---	---	PASS
				Peak	5875.000	-37.17	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.96	≤ 27.00	- - -	- - -	PASS
11AX40SI SO	Ant2	Low	5755	Peak	5650.000	-40.609	≤ 27.00	---	---	PASS
				Peak	5700.000	-39.28	≤ 10.00	---	---	PASS
				Peak	5720.000	-38.41	≤ 15.60	---	---	PASS
				Peak	5725.000	-37.91	≤ 27.00	- - -	- - -	PASS
		High	5795	Peak	5850.000	-36.706	≤ 27.00	---	---	PASS
				Peak	5855.000	-35.99	≤ 15.60	---	---	PASS
				Peak	5875.000	-36.59	≤ 10.00	---	---	PASS
				Peak	5925.000	-35.92	≤ 27.00	- - -	- - -	PASS
11AX80SI SO	Ant2	Low	5775	Peak	5650.000	-40.18	≤ 27.00	---	---	PASS
				Peak	5700.000	-37.8	≤ 10.00	---	---	PASS
				Peak	5720.000	-38.66	≤ 15.60	---	---	PASS
				Peak	5725.000	-36.96	≤ 27.00	- - -	- - -	PASS
		High	5775	Peak	5850.000	-35.713	≤ 27.00	---	---	PASS
				Peak	5855.000	-36.69	≤ 15.60	---	---	PASS
				Peak	5875.000	-36.38	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.57	≤ 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_Ant2_High_5825_Peak

Frequency

Auto Tune

Center Freq
6.775000000 GHzStart Freq
5.800000000 GHzStop Freq
7.750000000 GHzCF Step
195.000000 MHz
Auto ManFreq Offset
0 Hz

11N20SISO_Ant2_Low_5745_Peak



11N20SISO_Ant2_High_5825_Peak



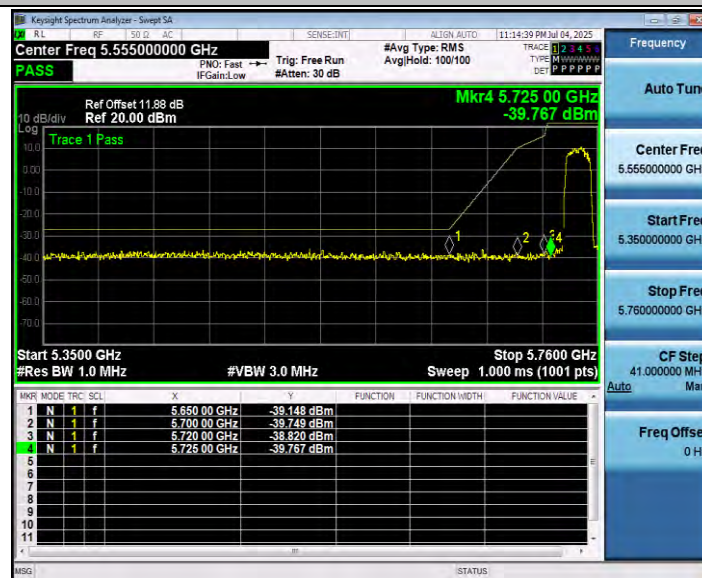
11N40SISO_Ant2_Low_5755_Peak



11N40SISO_Ant2_High_5795_Peak



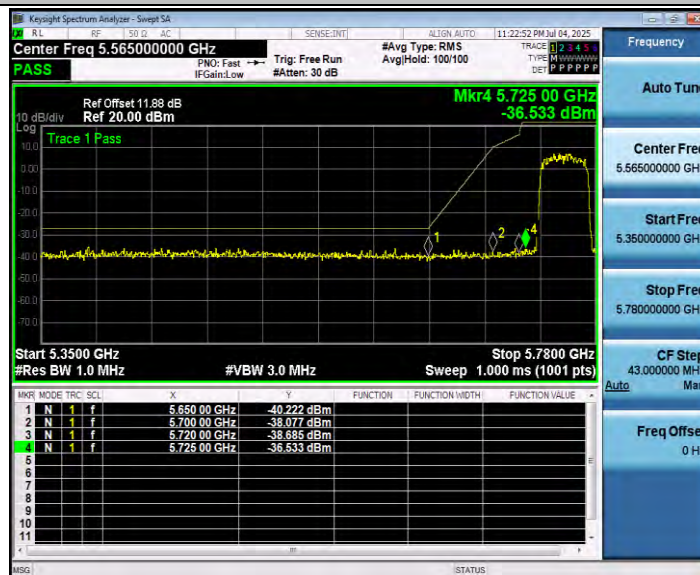
11AC20SISO_Ant2_Low_5745_Peak



11AC20SISO_Ant2_High_5825_Peak



11AC40SISO_Ant2_Low_5755_Peak



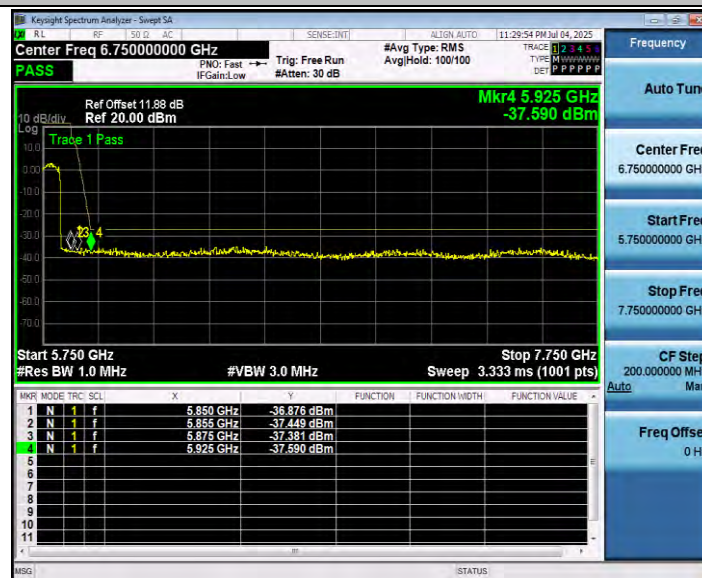
11AC40SISO_Ant2_High_5795_Peak



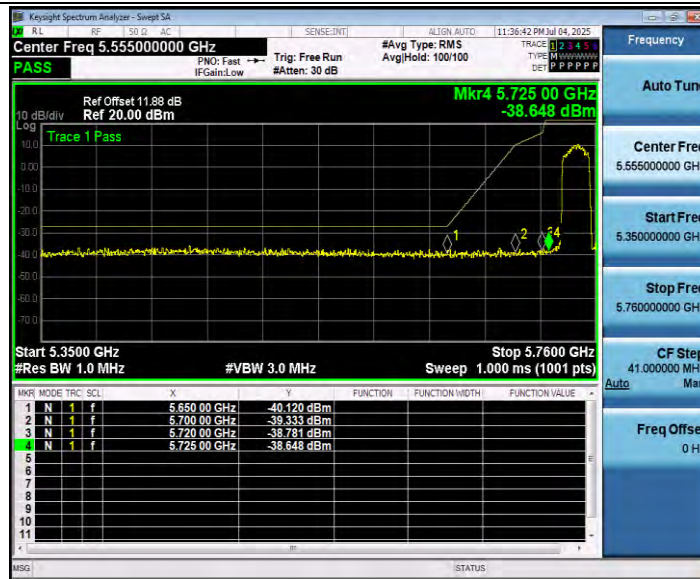
11AC80SISO_Ant2_Low_5775_Peak



11AC80SISO_Ant2_High_5775_Peak



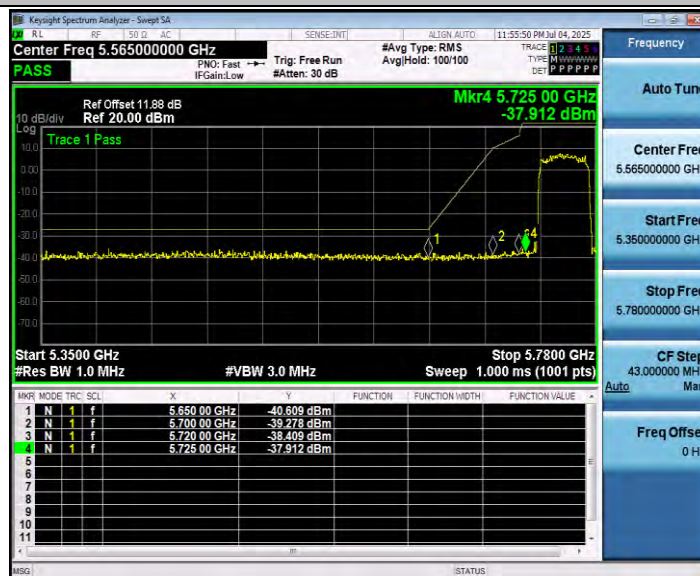
11AX20SISO_Ant2_Low_5745_Peak



11AX20ISO_Ant2_High_5825_Peak



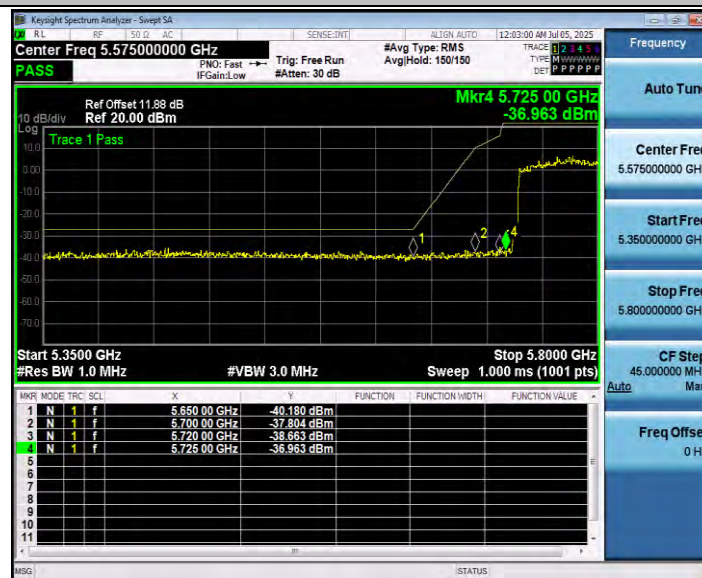
11AX40ISO_Ant2_Low_5755_Peak



11AX40SISO_Ant2_High_5795_Peak



11AX80SISO_Ant2_Low_5775_Peak



11AX80SISO_Ant2_High_5775_Peak

