

Appendix E.6:Band edge measurements

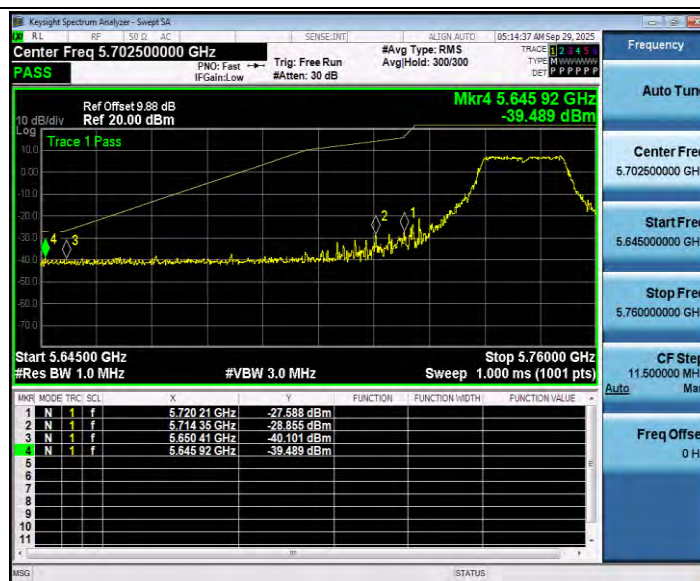
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-40.46	≤-26.53	PASS
				5700~5720	-28.57	≤15.05	PASS
				5720~5725	-26.2	≤17.13	PASS
				5760~5650	-39.7	≤-27	PASS
		High	5825	5850~5855	-33.66	≤18.50	PASS
				5855~5875	-31.55	≤15.54	PASS
				5875~5925	-37.37	≤-26.71	PASS
				5925~5935	-38.31	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.1	≤-26.70	PASS
				5700~5720	-28.86	≤14.02	PASS
				5720~5725	-27.59	≤16.08	PASS
				5760~5650	-39.49	≤-27	PASS
		High	5825	5850~5855	-33.5	≤16.34	PASS
				5855~5875	-30.92	≤14.18	PASS
				5875~5925	-37.58	≤-26.21	PASS
				5925~5935	-38.26	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-38.61	≤-26.70	PASS
				5700~5720	-22.09	≤12.71	PASS
				5720~5725	-20.91	≤16.66	PASS
				5780~5650	-38.72	≤-27	PASS
		High	5795	5850~5855	-30.59	≤16.41	PASS
				5855~5875	-28.02	≤15.38	PASS
				5875~5925	-39.45	≤-26.95	PASS
				5925~5935	-38.23	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.59	≤-26.62	PASS
				5700~5720	-20.99	≤15.18	PASS
				5720~5725	-21.72	≤17.13	PASS
				5760~5650	-38.82	≤-27	PASS
		High	5825	5850~5855	-22.64	≤16.34	PASS
				5855~5875	-25.3	≤15.35	PASS
				5875~5925	-38.47	≤-25.41	PASS
				5925~5935	-38.26	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.22	≤-26.10	PASS
				5700~5720	-23.96	≤12.97	PASS
				5720~5725	-22.7	≤15.74	PASS
				5780~5650	-39.89	≤-27	PASS

		High	5795	5850~5855	-29.04	≤ 17.16	PASS
				5855~5875	-32.2	≤ 11.59	PASS
				5875~5925	-38.89	≤ -26.59	PASS
				5925~5935	-38.71	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-40.36	≤ -26.70	PASS
				5700~5720	-29.14	≤ 14.89	PASS
				5720~5725	-27.37	≤ 16.08	PASS
				5760~5650	-39.94	≤ -27	PASS
		High	5825	5850~5855	-32.53	≤ 16.34	PASS
				5855~5875	-31.41	≤ 15.05	PASS
				5875~5925	-38.96	≤ -26.91	PASS
				5925~5935	-37.74	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.61	≤ -26.80	PASS
				5700~5720	-29.46	≤ 11.57	PASS
				5720~5725	-29.3	≤ 16.04	PASS
				5780~5650	-39.53	≤ -27	PASS
		High	5795	5850~5855	-39.76	≤ 16.03	PASS
				5855~5875	-38.87	≤ 10.20	PASS
				5875~5925	-38.14	≤ -26.59	PASS
				5925~5935	-38.14	≤ -27	PASS

Test GraphsB4





11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



Appendix E.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	5446.37	-40.53	≤-27	PASS
			5925~27000	24208.27	-31.63	≤-27	PASS
		5785	30~5650	5468.47	-39.89	≤-27	PASS
			5925~27000	24293.97	-32.13	≤-27	PASS
		5825	30~5650	5470.91	-40.07	≤-27	PASS
			5925~27000	24313.64	-30.72	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5461.36	-40.16	≤-27	PASS
			5925~27000	26940.99	-31.51	≤-27	PASS
		5785	30~5650	2721.61	-40.74	≤-27	PASS
			5925~27000	26889.71	-29.61	≤-27	PASS
		5825	30~5650	5429.13	-39.35	≤-27	PASS
			5925~27000	25625.21	-31.71	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5473.16	-40.49	≤-27	PASS
			5925~27000	26010.88	-30.81	≤-27	PASS
		5795	30~5650	2699.5	-39.74	≤-27	PASS
			5925~27000	24128.18	-31.4	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5465.85	-40.92	≤-27	PASS
			5925~27000	24230.04	-31.92	≤-27	PASS
		5785	30~5650	5530.11	-40.11	≤-27	PASS
			5925~27000	26556.02	-31	≤-27	PASS
		5825	30~5650	5462.1	-40.53	≤-27	PASS
			5925~27000	25222.68	-31.58	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	3188.07	-40.61	≤-27	PASS
			5925~27000	26005.26	-32.51	≤-27	PASS
		5795	30~5650	5450.49	-39.42	≤-27	PASS
			5925~27000	26043.9	-31.57	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	3163.71	-40.84	≤-27	PASS
			5925~27000	24240.58	-32.2	≤-27	PASS
		5785	30~5650	5337.53	-40.01	≤-27	PASS
			5925~27000	25030.19	-31.76	≤-27	PASS
		5825	30~5650	5411.15	-39.95	≤-27	PASS
			5925~27000	25602.03	-31.64	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	2624.94	-40.22	≤-27	PASS
			5925~27000	24310.13	-31.58	≤-27	PASS
		5795	30~5650	2670.28	-40.06	≤-27	PASS
			5925~27000	25949.06	-30.8	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



11A_Ant1_5785_30~5650



11A_Ant1_5785_5925~27000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



11N20SISO_Ant1_5745_5925~27000



11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



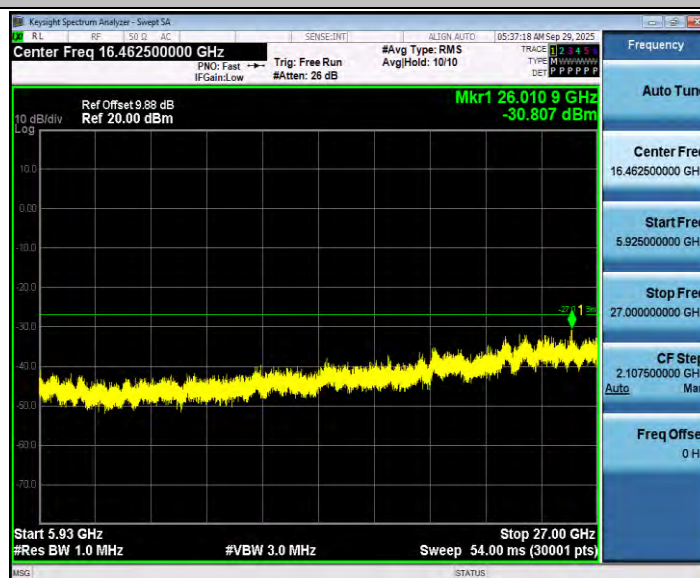
11N20SISO_Ant1_5825_5925~27000



11N40SISO_Ant1_5755_30~5650



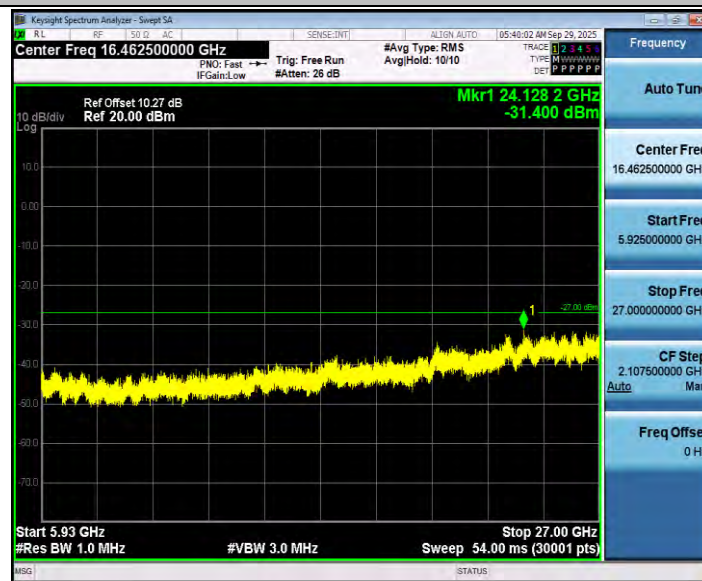
11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



11AC20SISO_Ant1_5785_5925~27000



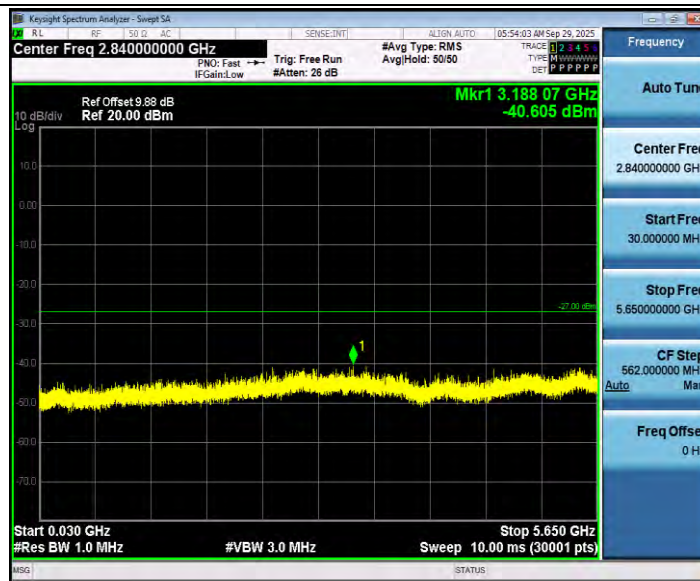
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11AC20SISO_Ant1_5825_5925~27000



11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AX20SISO_Ant1_5745_30~5650



11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~27000



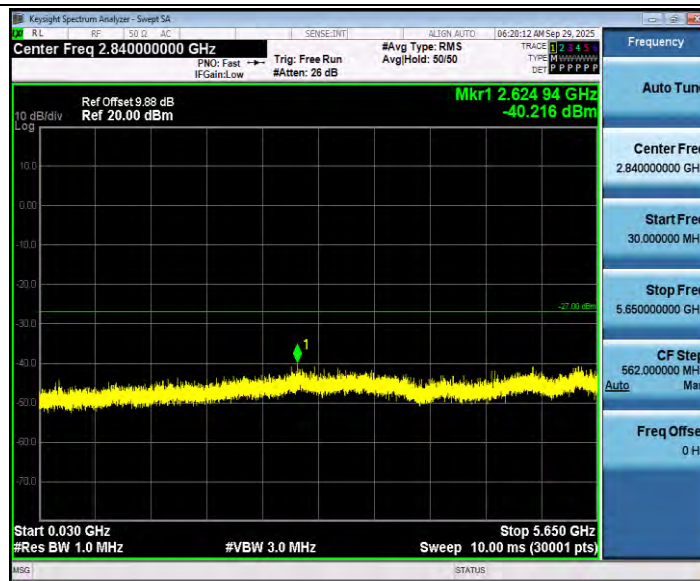
11AX20SISO_Ant1_5825_30~5650



11AX20SISO_Ant1_5825_5925~27000



11AX40SISO_Ant1_5755_30~5650

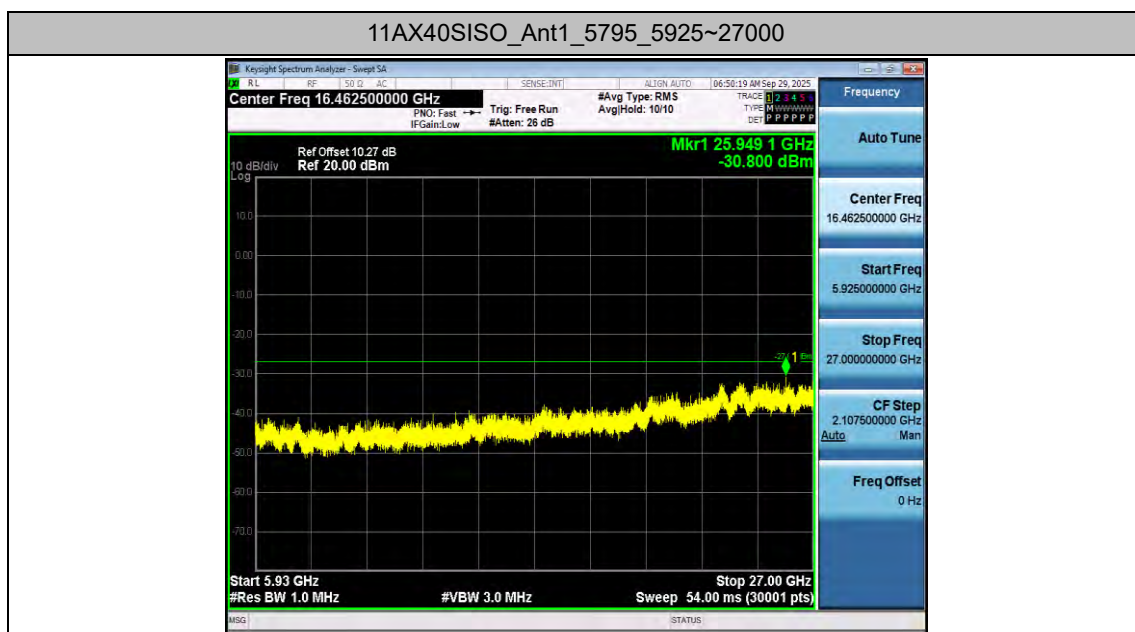


11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650





Appendix E.8:Emissions in Restricted Bands

Test Result

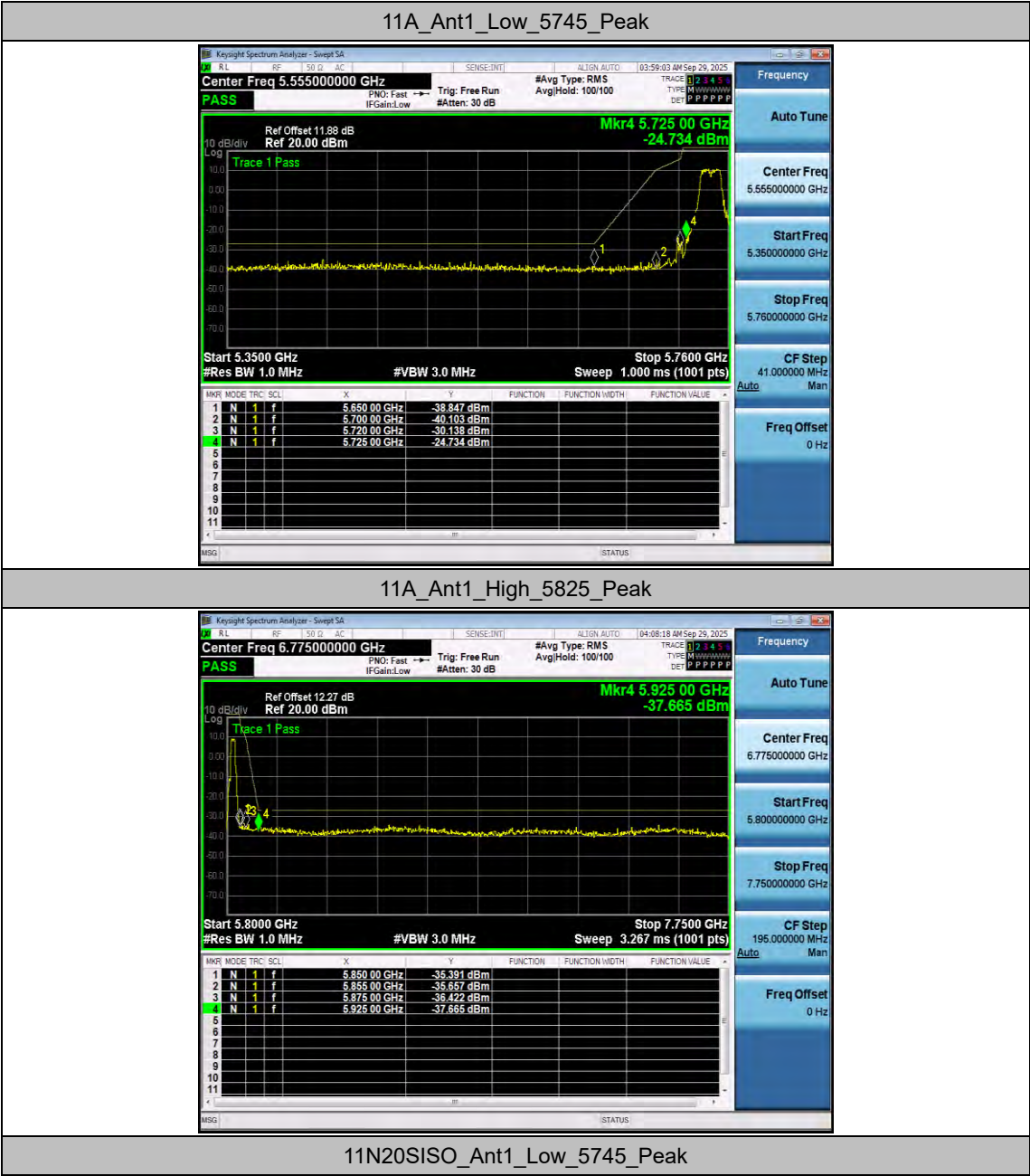
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-38.847	≤-27.00	PASS
				Peak	5700.000	-40.1	≤10.00	PASS
				Peak	5720.000	-30.14	≤15.60	PASS
				Peak	5725.000	-24.73	≤27.00	PASS
		High	5825	Peak	5850.000	-35.391	≤27.00	PASS
				Peak	5855.000	-35.66	≤15.60	PASS
				Peak	5875.000	-36.42	≤10.00	PASS
				Peak	5925.000	-37.67	≤-27.00	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-39.622	≤-27.00	PASS
				Peak	5700.000	-37.63	≤10.00	PASS
				Peak	5720.000	-32.88	≤15.60	PASS
				Peak	5725.000	-27.62	≤27.00	PASS
		High	5825	Peak	5850.000	-35.295	≤27.00	PASS
				Peak	5855.000	-35.57	≤15.60	PASS
				Peak	5875.000	-36.24	≤10.00	PASS
				Peak	5925.000	-36.39	≤-27.00	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-39.167	≤-27.00	PASS
				Peak	5700.000	-29.19	≤10.00	PASS
				Peak	5720.000	-24.6	≤15.60	PASS
				Peak	5725.000	-27.34	≤27.00	PASS
		High	5795	Peak	5850.000	-37.633	≤27.00	PASS
				Peak	5855.000	-38.45	≤15.60	PASS
				Peak	5875.000	-37.46	≤10.00	PASS
				Peak	5925.000	-38.69	≤-27.00	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-37.696	≤-27.00	PASS
				Peak	5700.000	-29.85	≤10.00	PASS
				Peak	5720.000	-19.67	≤15.60	PASS
				Peak	5725.000	-16.06	≤27.00	PASS

		High	5825	Peak	5850.000	-19.742	≤27.00	PASS
				Peak	5855.000	-26.17	≤15.60	PASS
				Peak	5875.000	-35.41	≤10.00	PASS
				Peak	5925.000	-36.33	≤-27.00	PASS
11AC40SIS O	Ant1	Low	5755	Peak	5650.000	-41.764	≤-27.00	PASS
				Peak	5700.000	-40.93	≤10.00	PASS
				Peak	5720.000	-24.47	≤15.60	PASS
				Peak	5725.000	-37.31	≤27.00	PASS
		High	5795	Peak	5850.000	-28.524	≤27.00	PASS
				Peak	5855.000	-31.71	≤15.60	PASS
				Peak	5875.000	-37.03	≤10.00	PASS
				Peak	5925.000	-35.54	≤-27.00	PASS
11AX20SIS O	Ant1	Low	5745	Peak	5650.000	-39.329	≤-27.00	PASS
				Peak	5700.000	-37.57	≤10.00	PASS
				Peak	5720.000	-32.66	≤15.60	PASS
				Peak	5725.000	-30.32	≤27.00	PASS
		High	5825	Peak	5850.000	-29.983	≤27.00	PASS
				Peak	5855.000	-34.67	≤15.60	PASS
				Peak	5875.000	-35.69	≤10.00	PASS
				Peak	5925.000	-36.24	≤-27.00	PASS
11AX40SIS O	Ant1	Low	5755	Peak	5650.000	-40.59	≤-27.00	PASS
				Peak	5700.000	-37.9	≤10.00	PASS
				Peak	5720.000	-31.14	≤15.60	PASS
				Peak	5725.000	-29.17	≤27.00	PASS
		High	5795	Peak	5850.000	-38.208	≤27.00	PASS
				Peak	5855.000	-39.2	≤15.60	PASS
				Peak	5875.000	-36.94	≤10.00	PASS
				Peak	5925.000	-38.93	≤-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_Ant1_High_5825_Peak

11N20SISO_Ant1_Low_5745_Peak



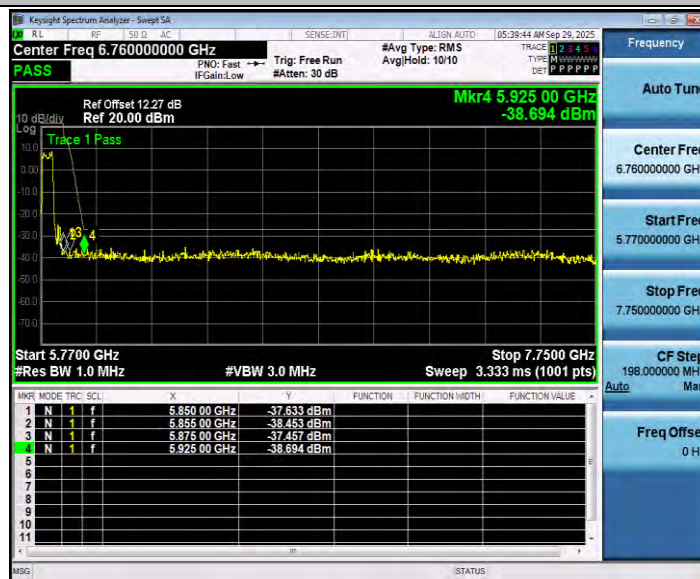
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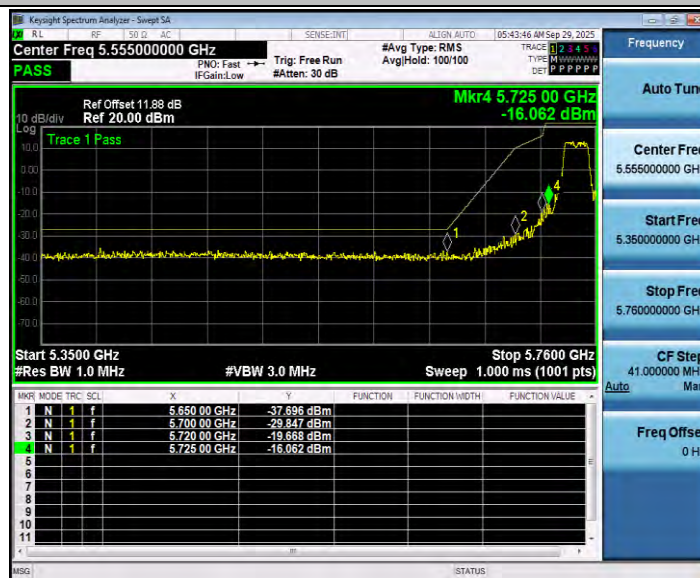
11N40SISO_Ant1_Low_5755_Peak



11N40SISO_Ant1_High_5795_Peak



11AC20SISO_Ant1_Low_5745_Peak



11AC20SISO_Ant1_High_5825_Peak



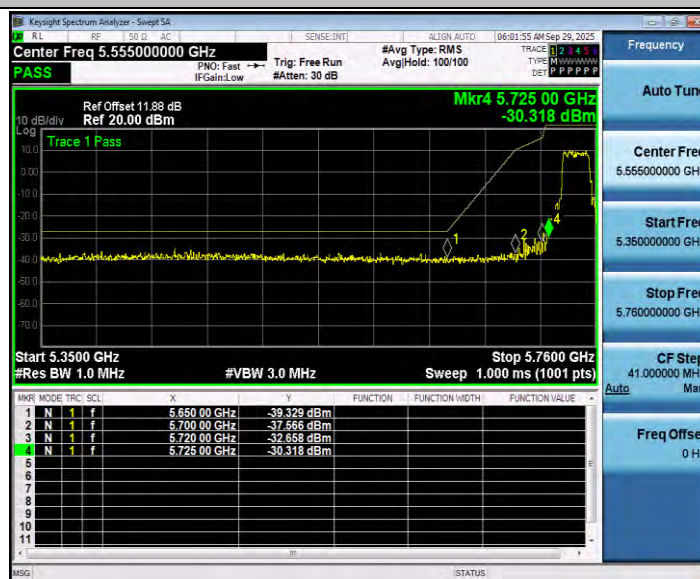
11AC40SISO_Ant1_Low_5755_Peak



11AC40SISO_Ant1_High_5795_Peak



11AX20SISO_Ant1_Low_5745_Peak



11AX20SISO_Ant1_High_5825_Peak



11AX40SISO_Ant1_Low_5755_Peak



11AX40ISO_Ant1_High_5795_Peak

