

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	-39.85	≤-26.96	PASS
				5700~5720	-18.15	≤14.98	PASS
				5720~5725	-19.38	≤16.87	PASS
				5760~5650	-38.31	≤-27	PASS
		High	5825	5850~5855	-20.69	≤16.34	PASS
				5855~5875	-23.99	≤12.78	PASS
				5875~5925	-37.88	≤-26.21	PASS
				5925~5935	-37.3	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-38.43	≤-25.85	PASS
				5700~5720	-18.78	≤13.73	PASS
				5720~5725	-18.16	≤16.60	PASS
				5760~5650	-38.25	≤-27	PASS
		High	5825	5850~5855	-21.03	≤17.57	PASS
				5855~5875	-20.67	≤14.82	PASS
				5875~5925	-38.34	≤-26.71	PASS
				5925~5935	-38.35	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-32.49	≤-25.90	PASS
				5700~5720	-15.34	≤15.05	PASS
				5720~5725	-20.34	≤16.04	PASS
				5780~5650	-31.11	≤-27	PASS
		High	5795	5850~5855	-23.64	≤16.03	PASS
				5855~5875	-25.21	≤13.39	PASS
				5875~5925	-39	≤-26.59	PASS
				5925~5935	-38.08	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-38.7	≤-25.93	PASS
				5700~5720	-18.15	≤14.82	PASS
				5720~5725	-20.03	≤15.82	PASS
				5760~5650	-38.55	≤-27	PASS
		High	5825	5850~5855	-19.32	≤20.03	PASS
				5855~5875	-23.51	≤10.97	PASS
				5875~5925	-37.65	≤-25.51	PASS
				5925~5935	-37.57	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-32.71	≤-25.61	PASS
				5700~5720	-17.14	≤11.99	PASS
				5720~5725	-16.93	≤16.66	PASS
				5780~5650	-31.11	≤-27	PASS

		High	5795	5850~5855	-26.62	≤ 15.66	PASS
				5855~5875	-25.88	≤ 11.03	PASS
				5875~5925	-38.53	≤ -26.95	PASS
				5925~5935	-37.32	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-38.42	≤ -26.70	PASS
				5700~5720	-18.23	≤ 14.69	PASS
				5720~5725	-18.78	≤ 16.60	PASS
				5760~5650	-38.16	≤ -27	PASS
		High	5825	5850~5855	-22.35	≤ 15.73	PASS
				5855~5875	-20.53	≤ 13.39	PASS
				5875~5925	-38.14	≤ -26.21	PASS
				5925~5935	-37.59	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-31.1	≤ -25.01	PASS
				5700~5720	-14.72	≤ 13.05	PASS
				5720~5725	-17.69	≤ 16.66	PASS
				5780~5650	-31.29	≤ -27	PASS
		High	5795	5850~5855	-24.49	≤ 15.66	PASS
				5855~5875	-22.59	≤ 13.20	PASS
				5875~5925	-37.96	≤ -26.46	PASS
				5925~5935	-37.53	≤ -27	PASS

Test GraphsB4





11N20SISO_Ant1_High_5825



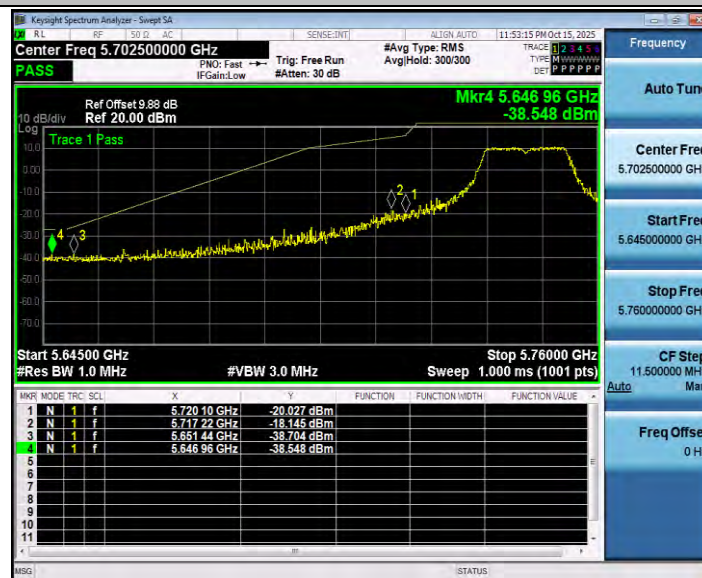
11N40SISO_Ant1_Low_5755



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



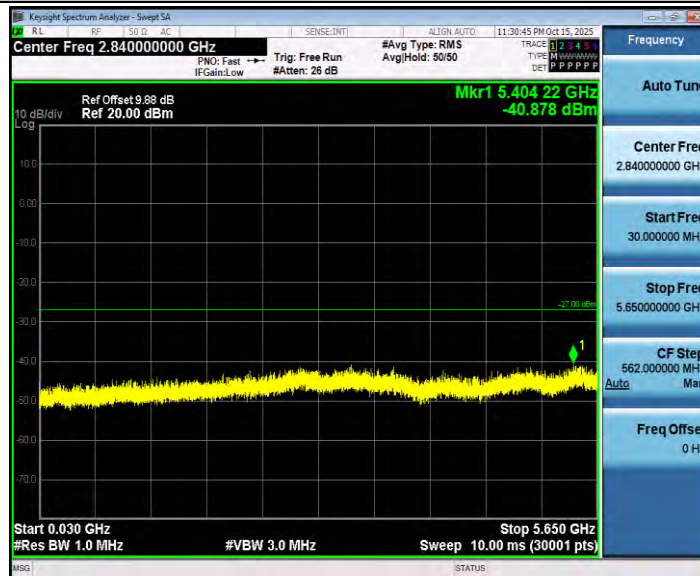
Appendix E.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5404.22	-40.88	≤-27	PASS
			5925~27000	24848.95	-32.44	≤-27	PASS
		5785	30~5650	5542.85	-38.78	≤-27	PASS
			5925~27000	24813.12	-31.73	≤-27	PASS
		5825	30~5650	2690.32	-40.19	≤-27	PASS
			5925~27000	26959.26	-31.41	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5499.76	-39.71	≤-27	PASS
			5925~27000	25552.85	-32.34	≤-27	PASS
		5785	30~5650	4957.99	-38.92	≤-27	PASS
			5925~27000	26098.69	-31.16	≤-27	PASS
		5825	30~5650	5452.74	-40.34	≤-27	PASS
			5925~27000	26413.41	-31.25	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5646.82	-37.69	≤-27	PASS
			5925~27000	24286.95	-31.42	≤-27	PASS
		5795	30~5650	3113.51	-40.16	≤-27	PASS
			5925~27000	26123.28	-30.47	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5498.07	-39.62	≤-27	PASS
			5925~27000	24943.08	-31.47	≤-27	PASS
		5785	30~5650	2657.35	-40.57	≤-27	PASS
			5925~27000	24246.2	-31.56	≤-27	PASS
		5825	30~5650	3305.15	-38.63	≤-27	PASS
			5925~27000	23537.38	-31.43	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5648.5	-35.48	≤-27	PASS
			5925~27000	24340.34	-32.14	≤-27	PASS
		5795	30~5650	5473.53	-39.68	≤-27	PASS
			5925~27000	26610.11	-30.68	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5562.89	-39.45	≤-27	PASS
			5925~27000	25651.2	-30.89	≤-27	PASS
		5785	30~5650	3004.48	-39.48	≤-27	PASS
			5925~27000	24253.93	-30.74	≤-27	PASS
		5825	30~5650	5591.55	-39.25	≤-27	PASS
			5925~27000	24270.79	-30.8	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5645.88	-34.75	≤-27	PASS
			5925~27000	24133.1	-31.68	≤-27	PASS
		5795	30~5650	5469.22	-39.91	≤-27	PASS
			5925~27000	26707.76	-31.34	≤-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



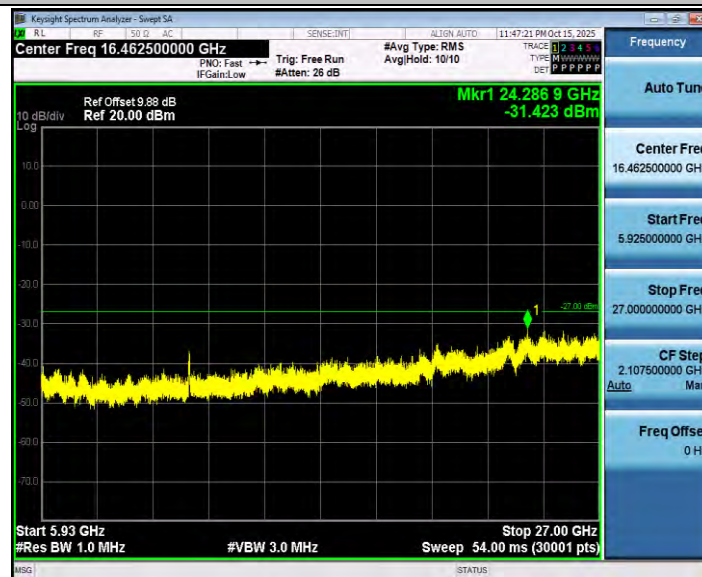
11N20SISO_Ant1_5825_5925~27000



11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



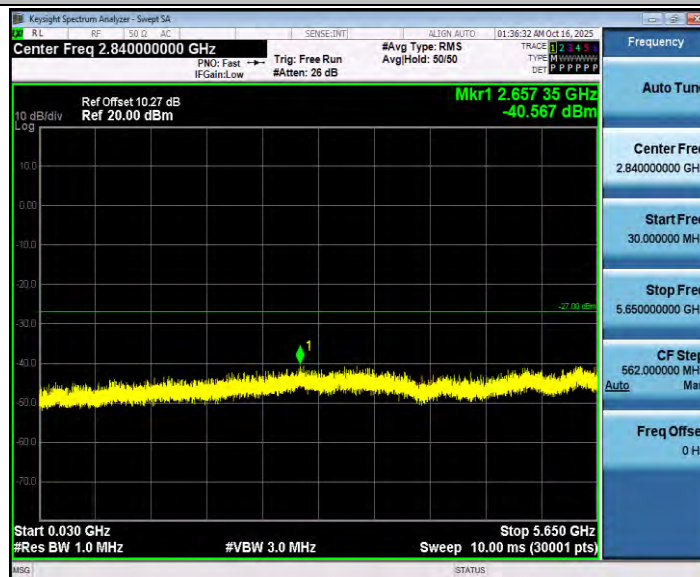
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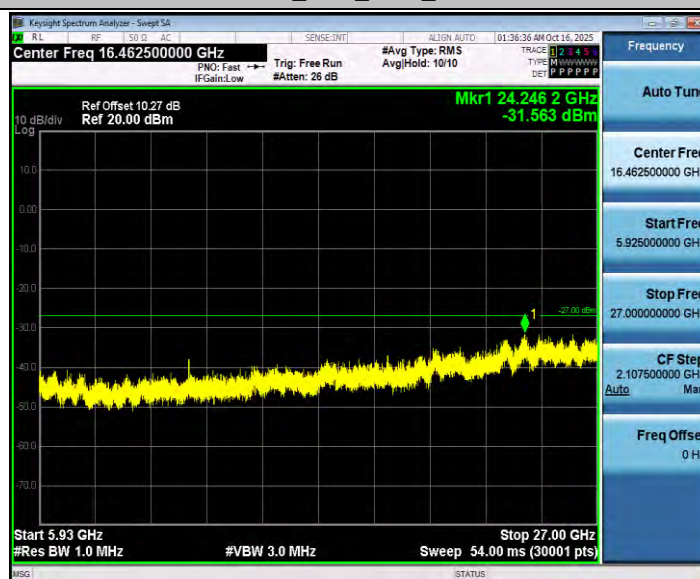
11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



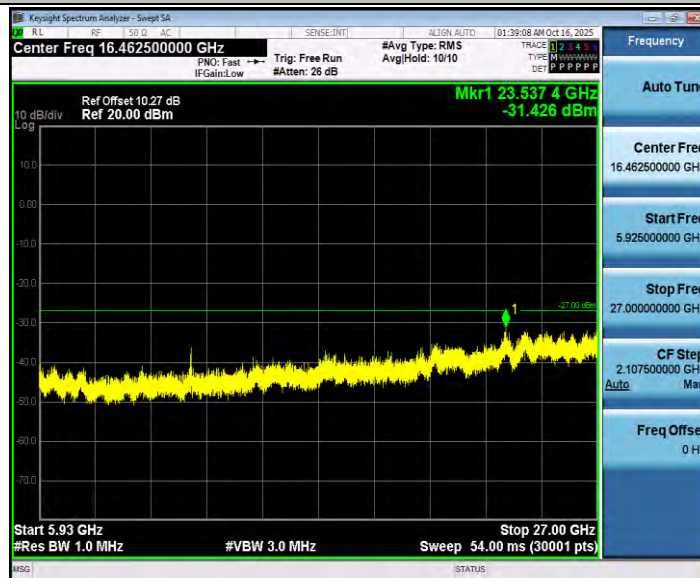
11AC20SISO_Ant1_5785_5925~27000



11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~27000



11AC40SISO_Ant1_5755_30~5650



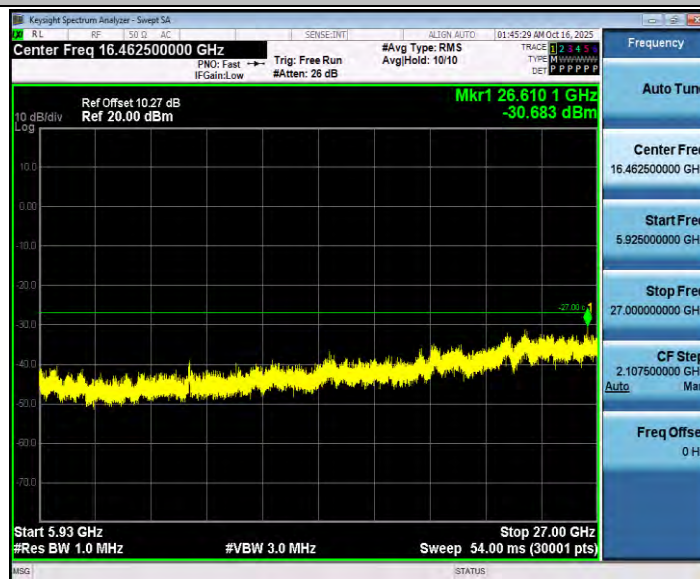
11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AX20SISO_Ant1_5745_30~5650



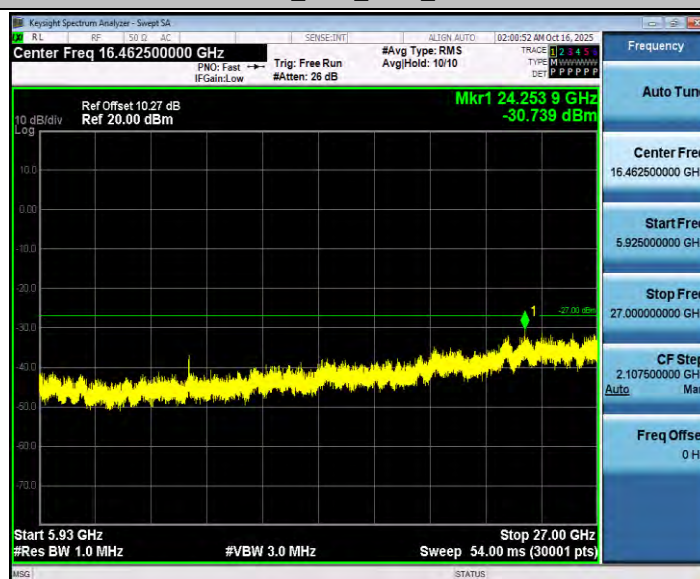
11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



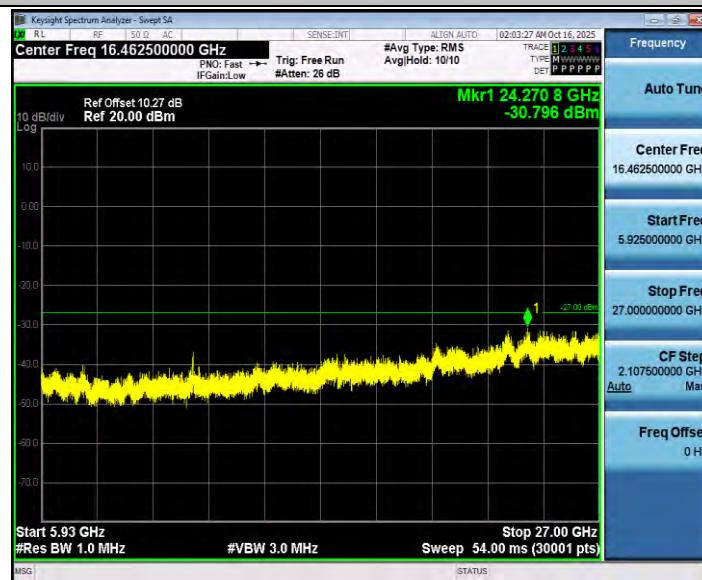
11AX20SISO_Ant1_5785_5925~27000



11AX20SISO_Ant1_5825_30~5650



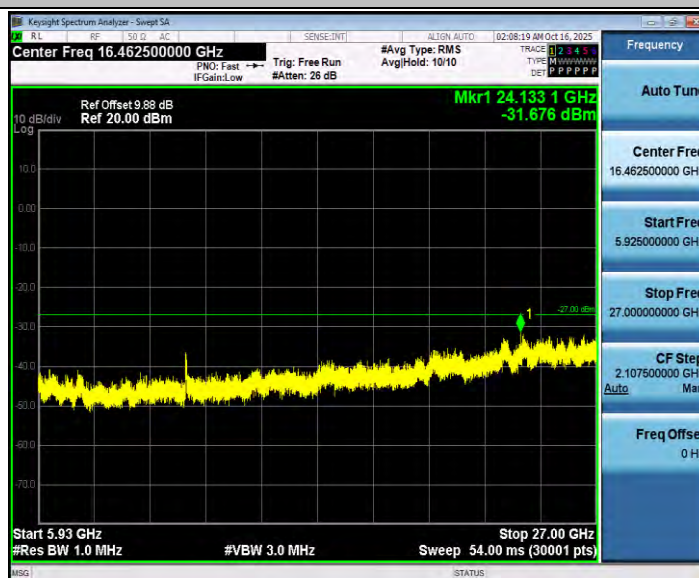
11AX20SISO_Ant1_5825_5925~27000



11AX40SISO_Ant1_5755_30~5650

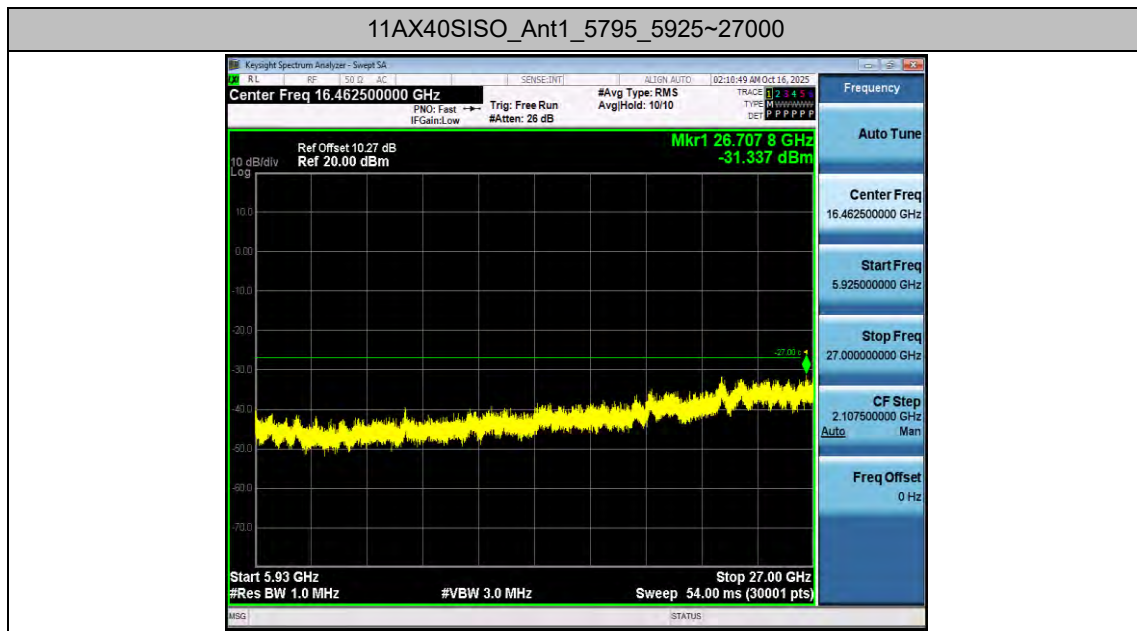


11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650





Appendix E.8:Emissions in Restricted Bands

Test Result

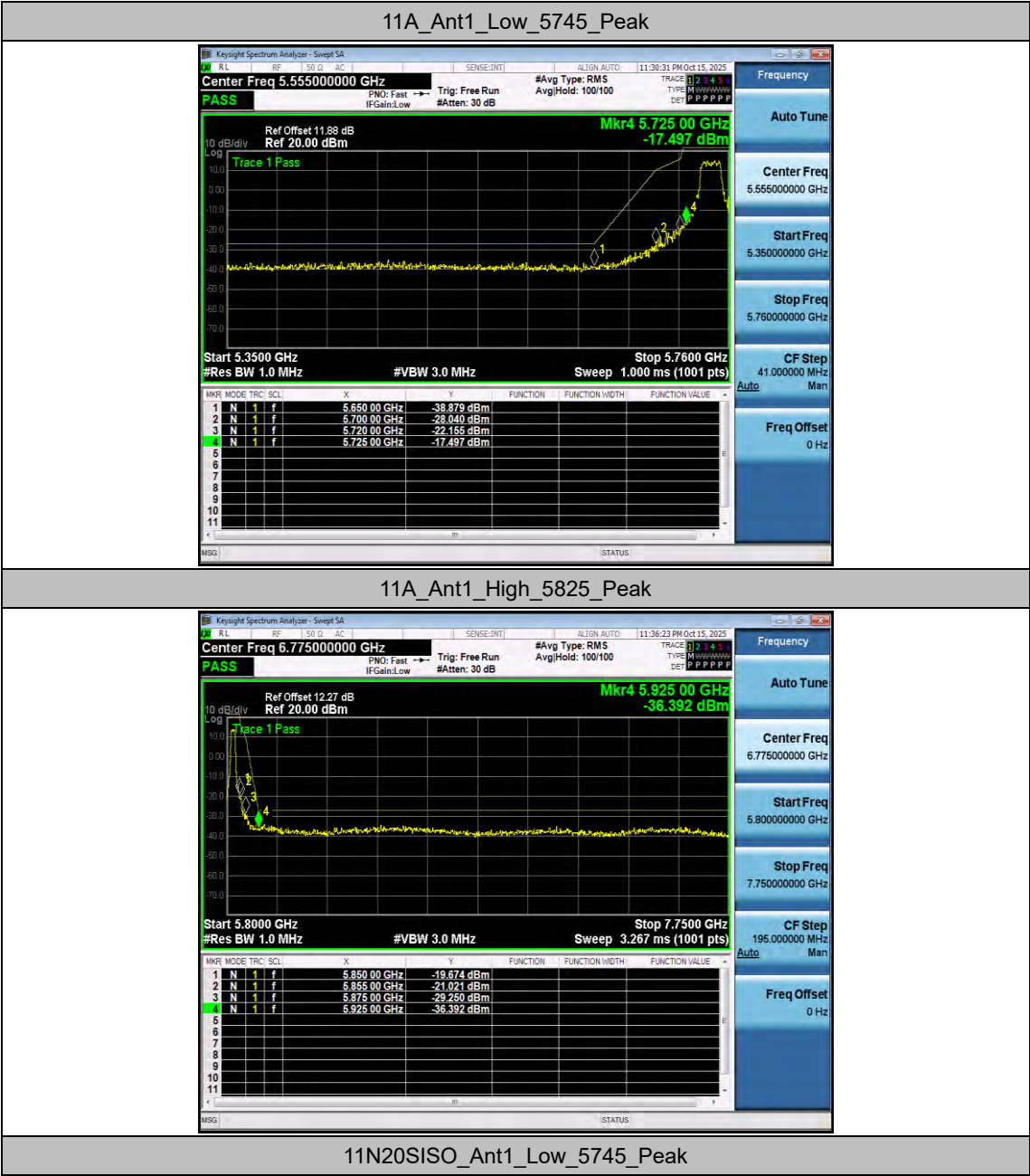
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-38.879	≤-27.00	PASS
				Peak	5700.000	-28.04	≤10.00	PASS
				Peak	5720.000	-22.16	≤15.60	PASS
				Peak	5725.000	-17.5	≤27.00	PASS
		High	5825	Peak	5850.000	-19.674	≤27.00	PASS
				Peak	5855.000	-21.02	≤15.60	PASS
				Peak	5875.000	-29.25	≤10.00	PASS
				Peak	5925.000	-36.39	≤-27.00	PASS
11N20SIS O	Ant1	Low	5745	Peak	5650.000	-37.779	≤-27.00	PASS
				Peak	5700.000	-30.89	≤10.00	PASS
				Peak	5720.000	-17.76	≤15.60	PASS
				Peak	5725.000	-16.75	≤27.00	PASS
		High	5825	Peak	5850.000	-19.697	≤27.00	PASS
				Peak	5855.000	-14.04	≤15.60	PASS
				Peak	5875.000	-29.69	≤10.00	PASS
				Peak	5925.000	-37.49	≤-27.00	PASS
11N40SIS O	Ant1	Low	5755	Peak	5650.000	-35.354	≤-27.00	PASS
				Peak	5700.000	-21.88	≤10.00	PASS
				Peak	5720.000	-20.73	≤15.60	PASS
				Peak	5725.000	-18.69	≤27.00	PASS
		High	5795	Peak	5850.000	-21.776	≤27.00	PASS
				Peak	5855.000	-22.45	≤15.60	PASS
				Peak	5875.000	-29.65	≤10.00	PASS
				Peak	5925.000	-35.34	≤-27.00	PASS
11AC20SI SO	Ant1	Low	5745	Peak	5650.000	-39.482	≤-27.00	PASS
				Peak	5700.000	-29.19	≤10.00	PASS
				Peak	5720.000	-18.99	≤15.60	PASS
				Peak	5725.000	-15.93	≤27.00	PASS
		High	5825	Peak	5850.000	-16.73	≤27.00	PASS
				Peak	5855.000	-20.7	≤15.60	PASS
				Peak	5875.000	-29.51	≤10.00	PASS
				Peak	5925.000	-36.88	≤-27.00	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-35.084	≤-27.00	PASS
				Peak	5700.000	-21.43	≤10.00	PASS
				Peak	5720.000	-18.29	≤15.60	PASS

		High	5795	Peak	5725.000	-18.81	≤27.00	PASS
				Peak	5850.000	-18.738	≤27.00	PASS
				Peak	5855.000	-23.69	≤15.60	PASS
				Peak	5875.000	-27.69	≤10.00	PASS
				Peak	5925.000	-37.17	≤-27.00	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-38.577	≤-27.00	PASS
				Peak	5700.000	-33.02	≤10.00	PASS
				Peak	5720.000	-20.27	≤15.60	PASS
				Peak	5725.000	-15	≤27.00	PASS
		High	5825	Peak	5850.000	-16.28	≤27.00	PASS
				Peak	5855.000	-18.27	≤15.60	PASS
				Peak	5875.000	-31.41	≤10.00	PASS
				Peak	5925.000	-34.79	≤-27.00	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-34.527	≤-27.00	PASS
				Peak	5700.000	-18.76	≤10.00	PASS
				Peak	5720.000	-16.32	≤15.60	PASS
				Peak	5725.000	-17.73	≤27.00	PASS
		High	5795	Peak	5850.000	-19.225	≤27.00	PASS
				Peak	5855.000	-20.27	≤15.60	PASS
				Peak	5875.000	-26.56	≤10.00	PASS
				Peak	5925.000	-36.63	≤-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





11N20SISO_Ant1_High_5825_Peak



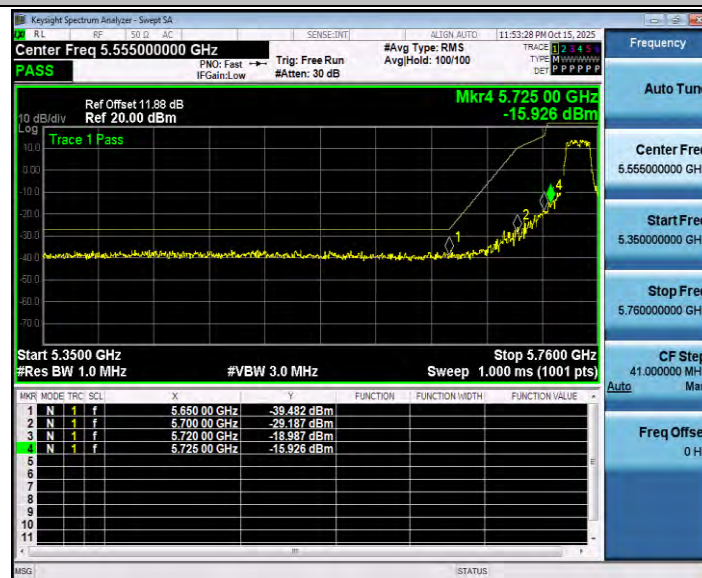
11N40SISO_Ant1_Low_5755_Peak



11N40SISO_Ant1_High_5795_Peak



11AC20SISO_Ant1_Low_5745_Peak



11AC20SISO_Ant1_High_5825_Peak



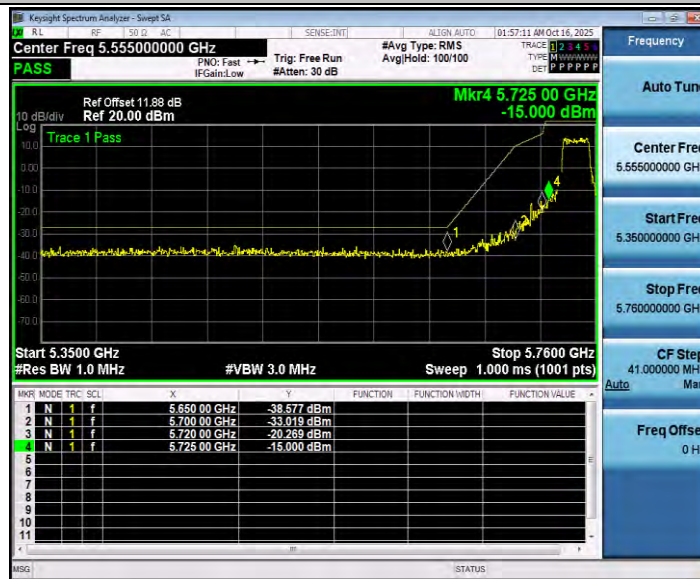
11AC40SISO_Ant1_Low_5755_Peak



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

