

Appendix G.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	-39.88	≤-26.27	PASS
				5700~5720	-29.49	≤13.47	PASS
				5720~5725	-26.66	≤19.49	PASS
				5760~5650	-39.52	≤-27	PASS
		High	5825	5850~5855	-34.83	≤16.03	PASS
				5855~5875	-32.71	≤15.16	PASS
				5875~5925	-39.38	≤-26.41	PASS
				5925~5935	-38.7	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.42	≤-26.62	PASS
				5700~5720	-28.93	≤14.82	PASS
				5720~5725	-24.71	≤18.44	PASS
				5760~5650	-39.38	≤-27	PASS
		High	5825	5850~5855	-30.43	≤15.73	PASS
				5855~5875	-35.09	≤11.50	PASS
				5875~5925	-39.14	≤-25.71	PASS
				5925~5935	-38.16	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.43	≤-26.30	PASS
				5700~5720	-23.56	≤12.86	PASS
				5720~5725	-26.77	≤16.35	PASS
				5780~5650	-38.12	≤-27	PASS
		High	5795	5850~5855	-36.58	≤16.03	PASS
				5855~5875	-38.12	≤10.99	PASS
				5875~5925	-38.8	≤-26.34	PASS
				5925~5935	-38.17	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-40.66	≤-26.70	PASS
				5700~5720	-28.21	≤15.11	PASS
				5720~5725	-26.66	≤17.39	PASS
				5760~5650	-39.14	≤-27	PASS
		High	5825	5850~5855	-31.59	≤17.88	PASS
				5855~5875	-31.43	≤14.67	PASS
				5875~5925	-39.01	≤-26.31	PASS
				5925~5935	-38.46	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.22	≤-26.90	PASS
				5700~5720	-24.13	≤14.79	PASS
				5720~5725	-26.82	≤15.74	PASS

		High	5795	5780~5650	-39.76	≤ -27	PASS
				5850~5855	-36.09	≤ 16.41	PASS
				5855~5875	-38.01	≤ 10.66	PASS
				5875~5925	-39.11	≤ -26.83	PASS
				5925~5935	-38.75	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-40.44	≤ -26.91	PASS
				5700~5720	-23.97	≤ 14.48	PASS
				5720~5725	-23.42	≤ 15.65	PASS
				5800~5650	-39.84	≤ -27	PASS
		High	5775	5850~5855	-31.62	≤ 16.26	PASS
				5855~5875	-31.74	≤ 12.83	PASS
				5875~5925	-39.28	≤ -26.32	PASS
				5925~5935	-38.6	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-39.91	≤ -26.36	PASS
				5700~5720	-31.39	≤ 13.79	PASS
				5720~5725	-24.44	≤ 22.37	PASS
				5760~5650	-39.48	≤ -27	PASS
		High	5825	5850~5855	-29.29	≤ 20.03	PASS
				5855~5875	-33.68	≤ 14.56	PASS
				5875~5925	-39.65	≤ -26.91	PASS
				5925~5935	-37.51	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-40.33	≤ -26.90	PASS
				5700~5720	-30.51	≤ 12.48	PASS
				5720~5725	-29.08	≤ 16.66	PASS
				5780~5650	-40.08	≤ -27	PASS
		High	5795	5850~5855	-37.95	≤ 17.54	PASS
				5855~5875	-37.57	≤ 10.76	PASS
				5875~5925	-38.1	≤ -26.71	PASS
				5925~5935	-37.93	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-39.6	≤ -26.69	PASS
				5700~5720	-30.92	≤ 10.44	PASS
				5720~5725	-29.47	≤ 17.06	PASS
				5800~5650	-39.73	≤ -27	PASS
		High	5775	5850~5855	-33.3	≤ 17.53	PASS
				5855~5875	-36.07	≤ 11.17	PASS
				5875~5925	-39.41	≤ -26.46	PASS
				5925~5935	-39.31	≤ -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



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



11AX80SISO_Ant1_Low_5775



11AX80SISO_Ant1_High_5775

AppendixG.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	5421.64	-40.31	≤-27	PASS
			5925~27000	24220.91	-31.3	≤-27	PASS
		5785	30~5650	5448.24	-40.39	≤-27	PASS
			5925~27000	24323.48	-31.82	≤-27	PASS
		5825	30~5650	3192.94	-40.53	≤-27	PASS
			5925~27000	24294.67	-31.74	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4955.74	-40.51	≤-27	PASS
			5925~27000	26646.64	-31.87	≤-27	PASS
		5785	30~5650	3213.92	-39.6	≤-27	PASS
			5925~27000	24943.08	-31.29	≤-27	PASS
		5825	30~5650	5470.35	-40.21	≤-27	PASS
			5925~27000	24888.29	-31.27	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5473.16	-40.49	≤-27	PASS
			5925~27000	23545.81	-31.93	≤-27	PASS
		5795	30~5650	4842.22	-40.41	≤-27	PASS
			5925~27000	26076.92	-31.56	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	3302.71	-41.01	≤-27	PASS
			5925~27000	24817.33	-31.7	≤-27	PASS
		5785	30~5650	5479.15	-39.91	≤-27	PASS
			5925~27000	25169.99	-31.83	≤-27	PASS
		5825	30~5650	5069.64	-39.58	≤-27	PASS
			5925~27000	24298.89	-31.98	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5460.42	-40.17	≤-27	PASS
			5925~27000	24265.87	-31.29	≤-27	PASS
		5795	30~5650	5001.45	-39.31	≤-27	PASS
			5925~27000	25233.21	-31.51	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	2749.71	-40.42	≤-27	PASS
			5925~27000	24851.76	-32.14	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	4925.02	-40.61	≤-27	PASS
			5925~27000	23572.5	-31.88	≤-27	PASS
		5785	30~5650	5590.62	-39.79	≤-27	PASS
			5925~27000	26790.66	-31.27	≤-27	PASS
		5825	30~5650	5467.72	-40.45	≤-27	PASS
			5925~27000	26459.78	-31.23	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5588.55	-40.56	≤-27	PASS
			5925~27000	26019.31	-31.57	≤-27	PASS

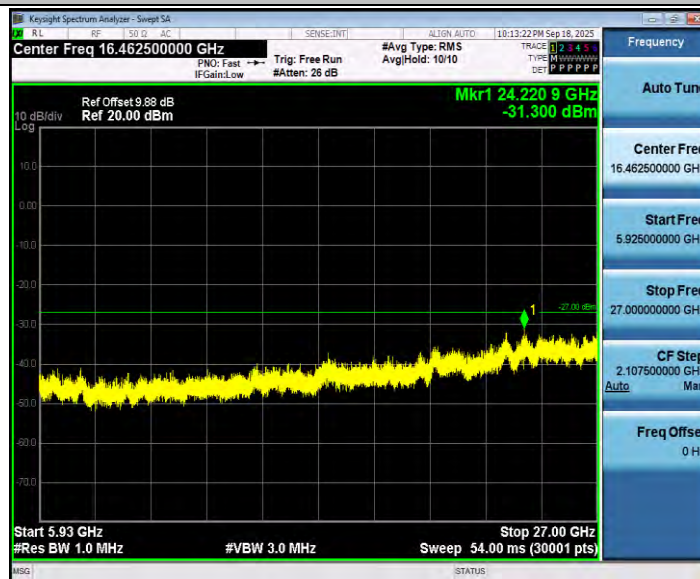
		5795	30~5650	5458.73	-38.99	≤ -27	PASS
			5925~27000	25600.62	-31.9	≤ -27	PASS
11AX80SISO	Ant1	5775	30~5650	2667.84	-40.67	≤ -27	PASS
			5925~27000	23507.17	-31.84	≤ -27	PASS

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



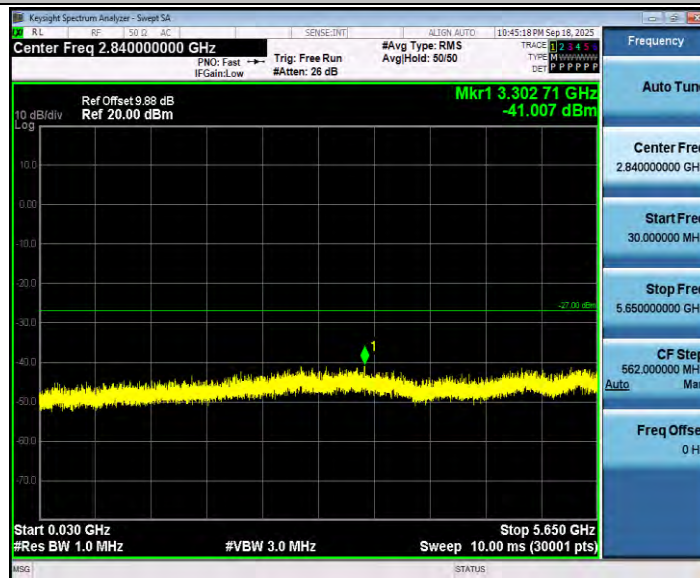
11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



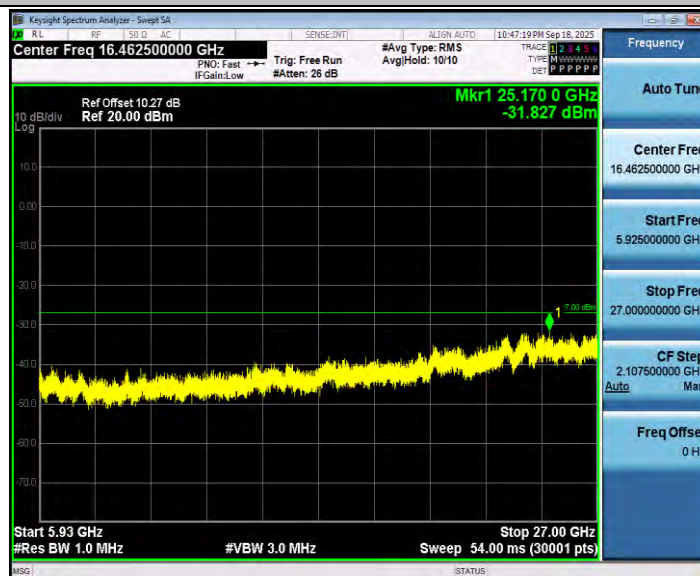
11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



11AC20SISO_Ant1_5785_5925~27000



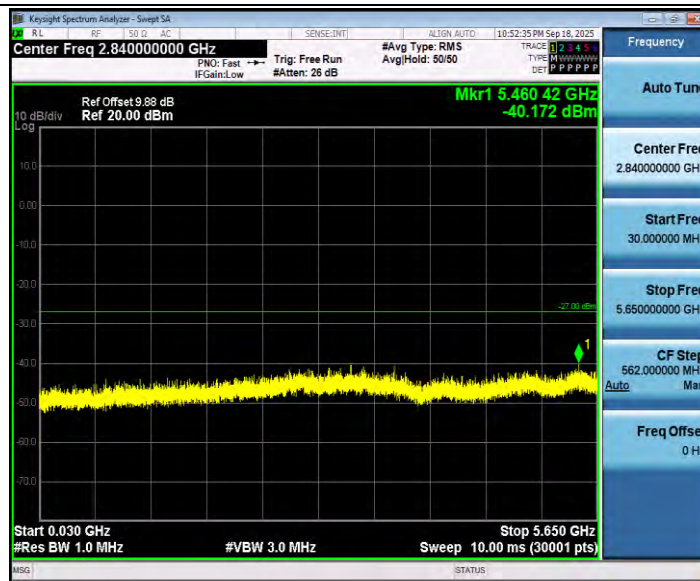
11AC20SISO_Ant1_5825_30~5650



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



11AC80SISO_Ant1_5775_30~5650



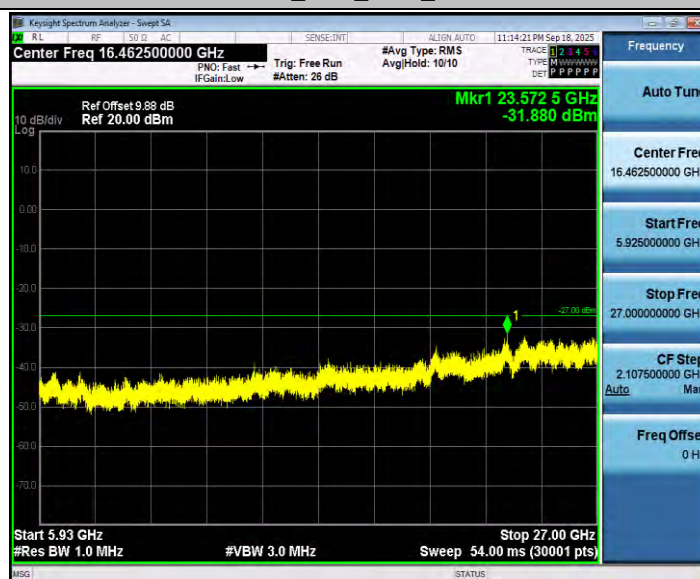
11AC80SISO_Ant1_5775_5925~27000



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



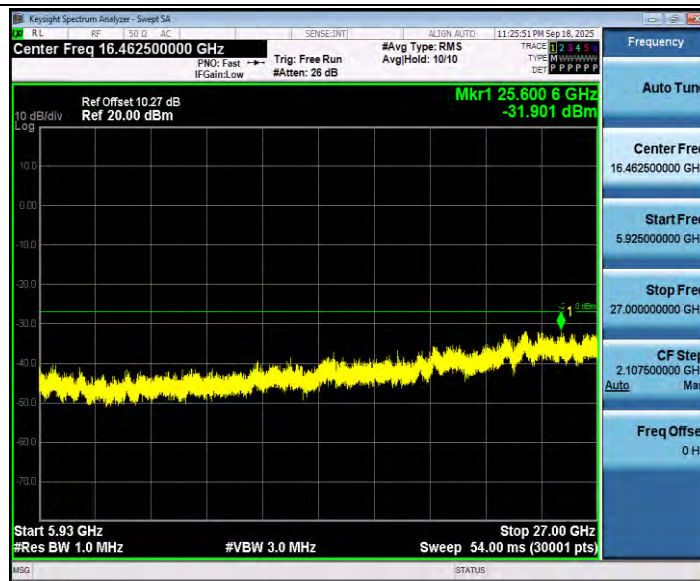
11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~27000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~27000



AppendixG.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	Ant1	Low	5745	Peak	5650.000	-40.78 2	≤-27.00	---	---	PASS
				Peak	5700.000	-38.3	≤10.00	---	---	PASS
				Peak	5720.000	-25.44	≤15.60	---	---	PASS
				Peak	5725.000	-25.46	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-32.41	≤27.00	---	---	PASS
				Peak	5855.000	-30.46	≤15.60	---	---	PASS
				Peak	5875.000	-36.79	≤10.00	---	---	PASS
				Peak	5925.000	-36.7	≤-27.00	- - -	- - -	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-40.54 9	≤-27.00	---	---	PASS
				Peak	5700.000	-37.19	≤10.00	---	---	PASS
				Peak	5720.000	-25.78	≤15.60	---	---	PASS
				Peak	5725.000	-27.38	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-30.88 1	≤27.00	---	---	PASS
				Peak	5855.000	-30.25	≤15.60	---	---	PASS
				Peak	5875.000	-35.79	≤10.00	---	---	PASS
				Peak	5925.000	-36.72	≤-27.00	- - -	- - -	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-39.84 4	≤-27.00	---	---	PASS
				Peak	5700.000	-35.43	≤10.00	---	---	PASS
				Peak	5720.000	-30.08	≤15.60	---	---	PASS
				Peak	5725.000	-27.07	≤27.00	- - -	- - -	PASS
		High	5795	Peak	5850.000	-32.40 4	≤27.00	---	---	PASS
				Peak	5855.000	-32.6	≤15.60	---	---	PASS
				Peak	5875.000	-35.38	≤10.00	---	---	PASS
				Peak	5925.000	-36.89	≤-27.00	- - -	- - -	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-39.07	≤-27.00	---	---	PASS
				Peak	5700.000	-37.7	≤10.00	---	---	PASS
				Peak	5720.000	-28.47	≤15.60	---	---	PASS
				Peak	5725.000	-24.29	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-27.20 6	≤27.00	---	---	PASS
				Peak	5855.000	-33.24	≤15.60	---	---	PASS

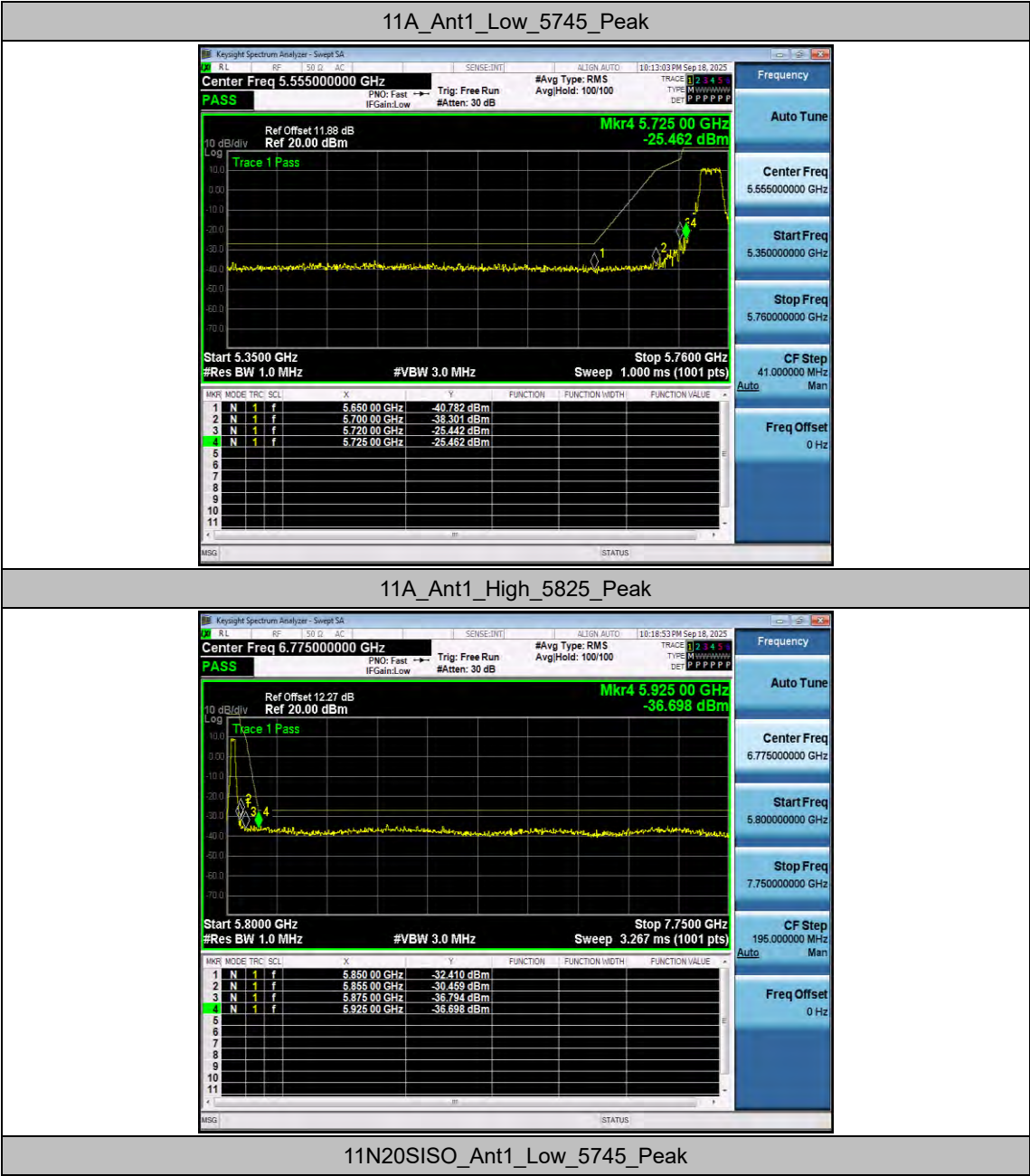
				Peak	5875.000	-35.05	≤10.00	---	---	PASS
				Peak	5925.000	-36.55	≤-27.00	- - -	- - -	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-40.99 1	≤-27.00	---	---	PASS
				Peak	5700.000	-35.89	≤10.00	---	---	PASS
				Peak	5720.000	-30.33	≤15.60	---	---	PASS
				Peak	5725.000	-21.32	≤27.00	- - -	- - -	PASS
		High	5795	Peak	5850.000	-33.31 9	≤27.00	---	---	PASS
				Peak	5855.000	-33.67	≤15.60	---	---	PASS
				Peak	5875.000	-36.99	≤10.00	---	---	PASS
				Peak	5925.000	-37.44	≤-27.00	- - -	- - -	PASS
11AC80SI SO	Ant1	Low	5775	Peak	5650.000	-39.65	≤-27.00	---	---	PASS
				Peak	5700.000	-31.16	≤10.00	---	---	PASS
				Peak	5720.000	-21.92	≤15.60	---	---	PASS
				Peak	5725.000	-27.53	≤27.00	- - -	- - -	PASS
		High	5775	Peak	5850.000	-33.07 6	≤27.00	---	---	PASS
				Peak	5855.000	-31.59	≤15.60	---	---	PASS
				Peak	5875.000	-37.5	≤10.00	---	---	PASS
				Peak	5925.000	-36.99	≤-27.00	- - -	- - -	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-39.29	≤-27.00	---	---	PASS
				Peak	5700.000	-38.37	≤10.00	---	---	PASS
				Peak	5720.000	-30.48	≤15.60	---	---	PASS
				Peak	5725.000	-28.33	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-34.66 9	≤27.00	---	---	PASS
				Peak	5855.000	-36.35	≤15.60	---	---	PASS
				Peak	5875.000	-35.15	≤10.00	---	---	PASS
				Peak	5925.000	-35.63	≤-27.00	- - -	- - -	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-40.63 5	≤-27.00	---	---	PASS
				Peak	5700.000	-36.13	≤10.00	---	---	PASS
				Peak	5720.000	-31.9	≤15.60	---	---	PASS
				Peak	5725.000	-28.19	≤27.00	- - -	- - -	PASS
		High	5795	Peak	5850.000	-33.95	≤27.00	---	---	PASS
				Peak	5855.000	-36.27	≤15.60	---	---	PASS
				Peak	5875.000	-37.03	≤10.00	---	---	PASS
				Peak	5925.000	-37.19	≤-27.00	- - -	- - -	PASS
11AX80SI SO	Ant1	Low	5775	Peak	5650.000	-39.78 8	≤-27.00	---	---	PASS
				Peak	5700.000	-35.03	≤10.00	---	---	PASS
				Peak	5720.000	-31.69	≤15.60	---	---	PASS

				Peak	5725.000	-33.67	≤ 27.00	- - -	- - -	PASS
				Peak	5850.000	-36.63	≤ 27.00	---	---	PASS
		High	5775	Peak	5855.000	-37.19	≤ 15.60	---	---	PASS
				Peak	5875.000	-36.92	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.96	≤ 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



11AC80SISO_Ant1_Low_5775_Peak



11AC80SISO_Ant1_High_5775_Peak



11AX20SISO_Ant1_Low_5745_Peak



11AX20ISO_Ant1_High_5825_Peak



11AX40ISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak



11AX80SISO_Ant1_Low_5775_Peak



11AX80SISO_Ant1_High_5775_Peak

