

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	-39.69	≤-26.36	PASS
				5700~5720	-26.54	≤15.05	PASS
				5720~5725	-24.53	≤16.08	PASS
				5760~5650	-39.24	≤-27	PASS
		High	5825	5850~5855	-27.26	≤16.03	PASS
				5855~5875	-26.72	≤15.46	PASS
				5875~5925	-38.11	≤-25.41	PASS
				5925~5935	-37.43	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-40.72	≤-26.79	PASS
				5700~5720	-33.62	≤15.18	PASS
				5720~5725	-28.69	≤19.75	PASS
				5760~5650	-39.01	≤-27	PASS
		High	5825	5850~5855	-31.6	≤17.26	PASS
				5855~5875	-33.47	≤14.41	PASS
				5875~5925	-39	≤-26.81	PASS
				5925~5935	-37.9	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.47	≤-26.30	PASS
				5700~5720	-29.62	≤14.22	PASS
				5720~5725	-31.24	≤19.74	PASS
				5780~5650	-40.17	≤-27	PASS
		High	5795	5850~5855	-35.38	≤16.41	PASS
				5855~5875	-38.84	≤10.85	PASS
				5875~5925	-39.14	≤-26.34	PASS
				5925~5935	-38.77	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-40.31	≤-26.96	PASS
				5700~5720	-30.6	≤15.21	PASS
				5720~5725	-36.6	≤16.08	PASS
				5760~5650	-39.46	≤-27	PASS
		High	5825	5850~5855	-29.36	≤19.11	PASS
				5855~5875	-36.46	≤12.36	PASS
				5875~5925	-37.54	≤-26.21	PASS
				5925~5935	-38.5	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.8	≤-26.70	PASS
				5700~5720	-31.45	≤11.69	PASS
				5720~5725	-34.15	≤16.04	PASS

		High	5795	5780~5650	-39.99	≤ -27	PASS
				5850~5855	-38.56	≤ 15.66	PASS
				5855~5875	-37.75	≤ 10.85	PASS
				5875~5925	-38.84	≤ -26.34	PASS
				5925~5935	-38.06	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-40.1	≤ -26.34	PASS
				5700~5720	-31.31	≤ 10.22	PASS
				5720~5725	-30.4	≤ 15.65	PASS
				5800~5650	-40.25	≤ -27	PASS
		High	5775	5850~5855	-32.73	≤ 15.84	PASS
				5855~5875	-29.64	≤ 12.83	PASS
				5875~5925	-37.7	≤ -25.36	PASS
				5925~5935	-38.41	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-40.98	≤ -26.96	PASS
				5700~5720	-29.78	≤ 14.79	PASS
				5720~5725	-27.95	≤ 19.49	PASS
				5760~5650	-39.6	≤ -27	PASS
		High	5825	5850~5855	-29.5	≤ 19.42	PASS
				5855~5875	-32.96	≤ 14.90	PASS
				5875~5925	-38.63	≤ -26.11	PASS
				5925~5935	-38.59	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-40.34	≤ -26.70	PASS
				5700~5720	-28.83	≤ 15.39	PASS
				5720~5725	-33.66	≤ 16.04	PASS
				5780~5650	-38.35	≤ -27	PASS
		High	5795	5850~5855	-37.46	≤ 16.41	PASS
				5855~5875	-39.09	≤ 10.43	PASS
				5875~5925	-38.38	≤ -26.95	PASS
				5925~5935	-38.08	≤ -27	PASS
11AX80SI SO	Ant1	Low	5775	5650~5700	-38.62	≤ -25.31	PASS
				5700~5720	-31.15	≤ 13.57	PASS
				5720~5725	-31.58	≤ 16.00	PASS
				5800~5650	-40.13	≤ -27	PASS
		High	5775	5850~5855	-35.32	≤ 18.79	PASS
				5855~5875	-34.68	≤ 11.12	PASS
				5875~5925	-38.42	≤ -24.82	PASS
				5925~5935	-39.12	≤ -27	PASS

Test GraphsB4

11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



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	5432.88	-40.56	≤-27	PASS
			5925~27000	24236.37	-31.79	≤-27	PASS
		5785	30~5650	2656.04	-39.75	≤-27	PASS
			5925~27000	25042.13	-31.48	≤-27	PASS
		5825	30~5650	3274.43	-39.68	≤-27	PASS
			5925~27000	24783.61	-31.88	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5515.68	-39.55	≤-27	PASS
			5925~27000	24298.89	-31.93	≤-27	PASS
		5785	30~5650	5440.37	-39.39	≤-27	PASS
			5925~27000	26589.74	-31.24	≤-27	PASS
		5825	30~5650	5482.71	-39.88	≤-27	PASS
			5925~27000	24799.07	-31.27	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5489.46	-39.84	≤-27	PASS
			5925~27000	25238.83	-31.35	≤-27	PASS
		5795	30~5650	5478.22	-39.42	≤-27	PASS
			5925~27000	24789.94	-31.41	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5357.01	-40.77	≤-27	PASS
			5925~27000	24252.52	-31.31	≤-27	PASS
		5785	30~5650	3148.35	-40.26	≤-27	PASS
			5925~27000	23496.63	-31.11	≤-27	PASS
		5825	30~5650	2771.81	-40.59	≤-27	PASS
			5925~27000	26798.38	-31.29	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	2760.95	-40.22	≤-27	PASS
			5925~27000	24875.64	-32.25	≤-27	PASS
		5795	30~5650	3167.46	-40.46	≤-27	PASS
			5925~27000	26057.95	-31.35	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	3278.55	-40.09	≤-27	PASS
			5925~27000	26050.22	-32.27	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5477.84	-40.11	≤-27	PASS
			5925~27000	26919.92	-31.9	≤-27	PASS
		5785	30~5650	5442.06	-39.32	≤-27	PASS
			5925~27000	26043.9	-31.53	≤-27	PASS
		5825	30~5650	3204.36	-40.17	≤-27	PASS
			5925~27000	24315.75	-31.82	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5574.32	-40.43	≤-27	PASS
			5925~27000	24903.04	-31.64	≤-27	PASS

		5795	30~5650	5392.23	-39.8	≤-27	PASS
			5925~27000	23537.38	-30.9	≤-27	PASS
11AX80SISO	Ant1	5775	30~5650	4943.19	-40.19	≤-27	PASS
			5925~27000	23505.06	-31.77	≤-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



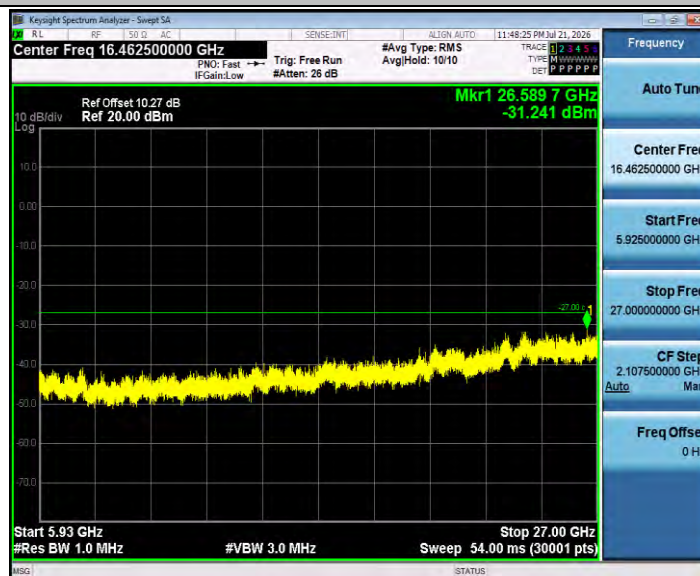
11N20SISO_Ant1_5745_5925~27000



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



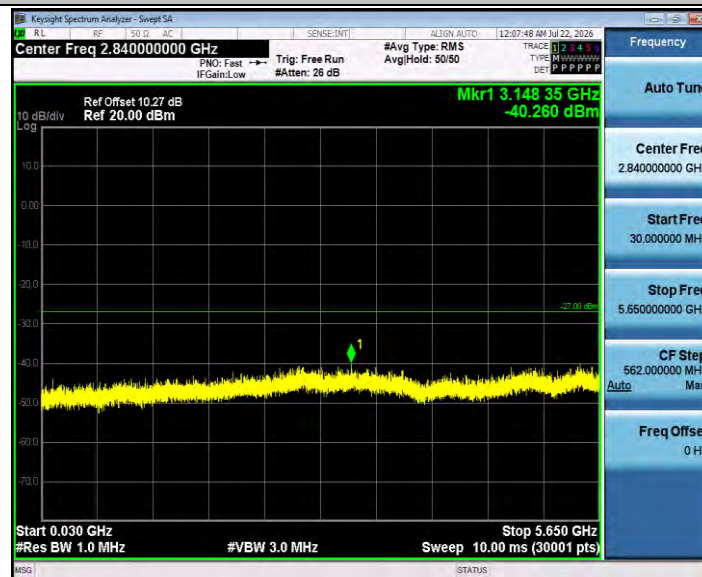
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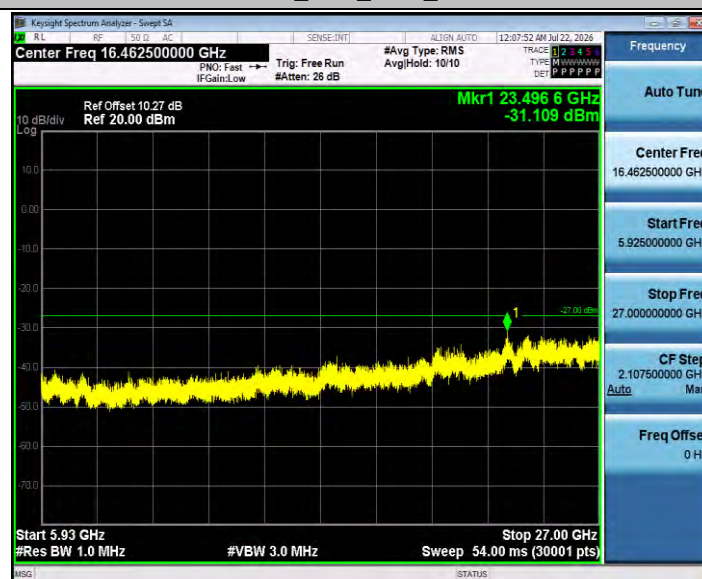
11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



11AC20SISO_Ant1_5785_5925~27000



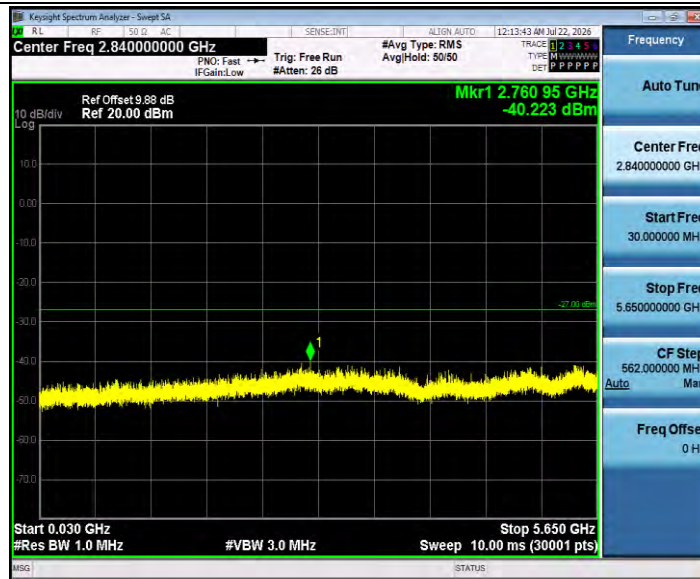
11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~27000



11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~27000



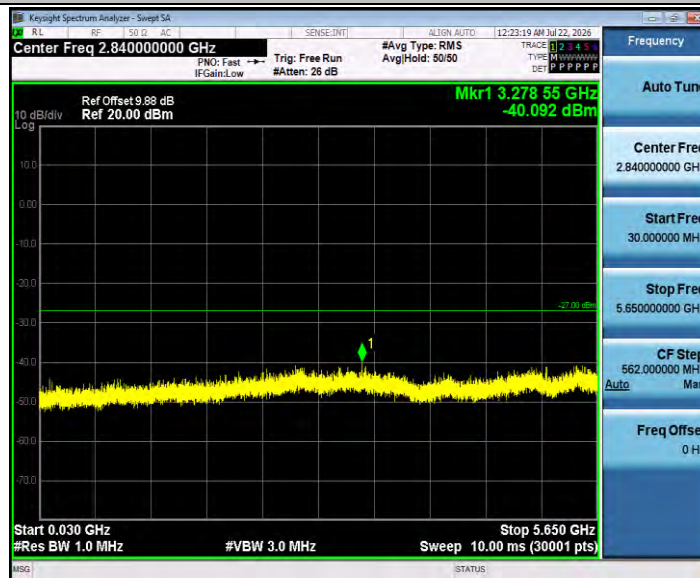
11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



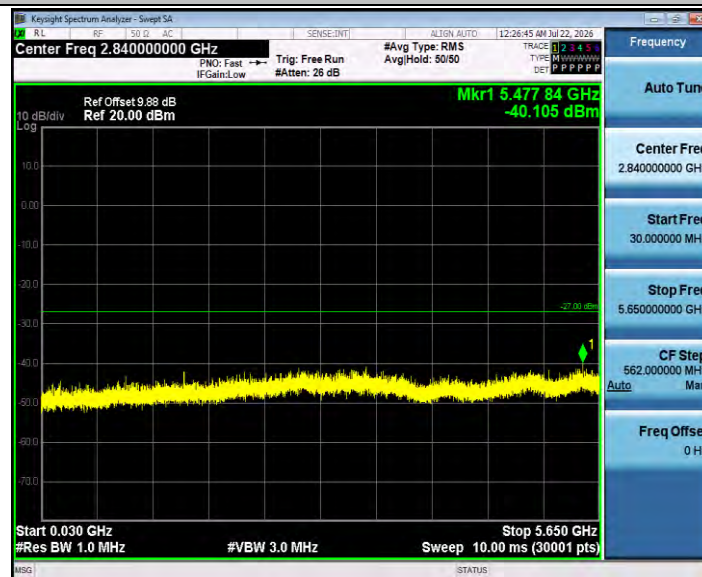
11AC80SISO_Ant1_5775_30~5650



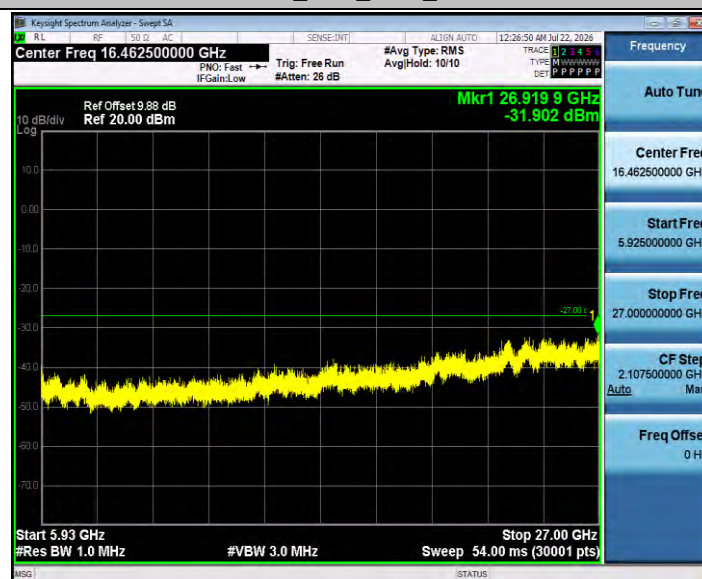
11AC80SISO_Ant1_5775_5925~27000



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



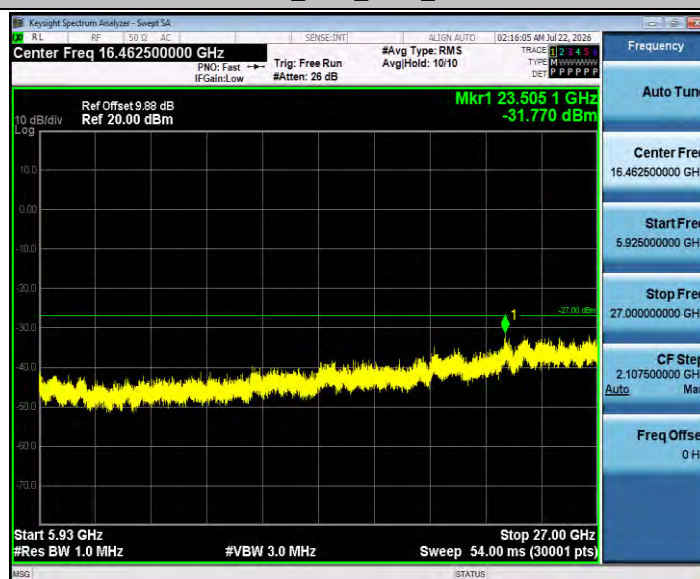
11AX40SISO_Ant1_5795_5925~27000



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	-39.78 2	≤-27.00	---	---	PASS
				Peak	5700.000	-37.39	≤10.00	---	---	PASS
				Peak	5720.000	-25.46	≤15.60	---	---	PASS
				Peak	5725.000	-25.3	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-25.86	≤27.00	---	---	PASS
				Peak	5855.000	-27.16	≤15.60	---	---	PASS
				Peak	5875.000	-31.22	≤10.00	---	---	PASS
				Peak	5925.000	-35.46	≤-27.00	- - -	- - -	PASS
11N20SIS O	Ant1	Low	5745	Peak	5650.000	-40.93 9	≤-27.00	---	---	PASS
				Peak	5700.000	-38.3	≤10.00	---	---	PASS
				Peak	5720.000	-37.63	≤15.60	---	---	PASS
				Peak	5725.000	-31.18	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-34.68	≤27.00	---	---	PASS
				Peak	5855.000	-35.82	≤15.60	---	---	PASS
				Peak	5875.000	-36.99	≤10.00	---	---	PASS
				Peak	5925.000	-36.18	≤-27.00	- - -	- - -	PASS
11N40SIS O	Ant1	Low	5755	Peak	5650.000	-39.70 6	≤-27.00	---	---	PASS
				Peak	5700.000	-38.51	≤10.00	---	---	PASS
				Peak	5720.000	-41.17	≤15.60	---	---	PASS
				Peak	5725.000	-34.79	≤27.00	- - -	- - -	PASS
		High	5795	Peak	5850.000	-33.59 9	≤27.00	---	---	PASS
				Peak	5855.000	-34.96	≤15.60	---	---	PASS
				Peak	5875.000	-36.7	≤10.00	---	---	PASS
				Peak	5925.000	-36.49	≤-27.00	- - -	- - -	PASS
11AC20SI SO	Ant1	Low	5745	Peak	5650.000	-40.84 9	≤-27.00	---	---	PASS
				Peak	5700.000	-38.87	≤10.00	---	---	PASS
				Peak	5720.000	-38.45	≤15.60	---	---	PASS
				Peak	5725.000	-29.91	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-34.12 6	≤27.00	---	---	PASS
				Peak	5855.000	-34.86	≤15.60	---	---	PASS

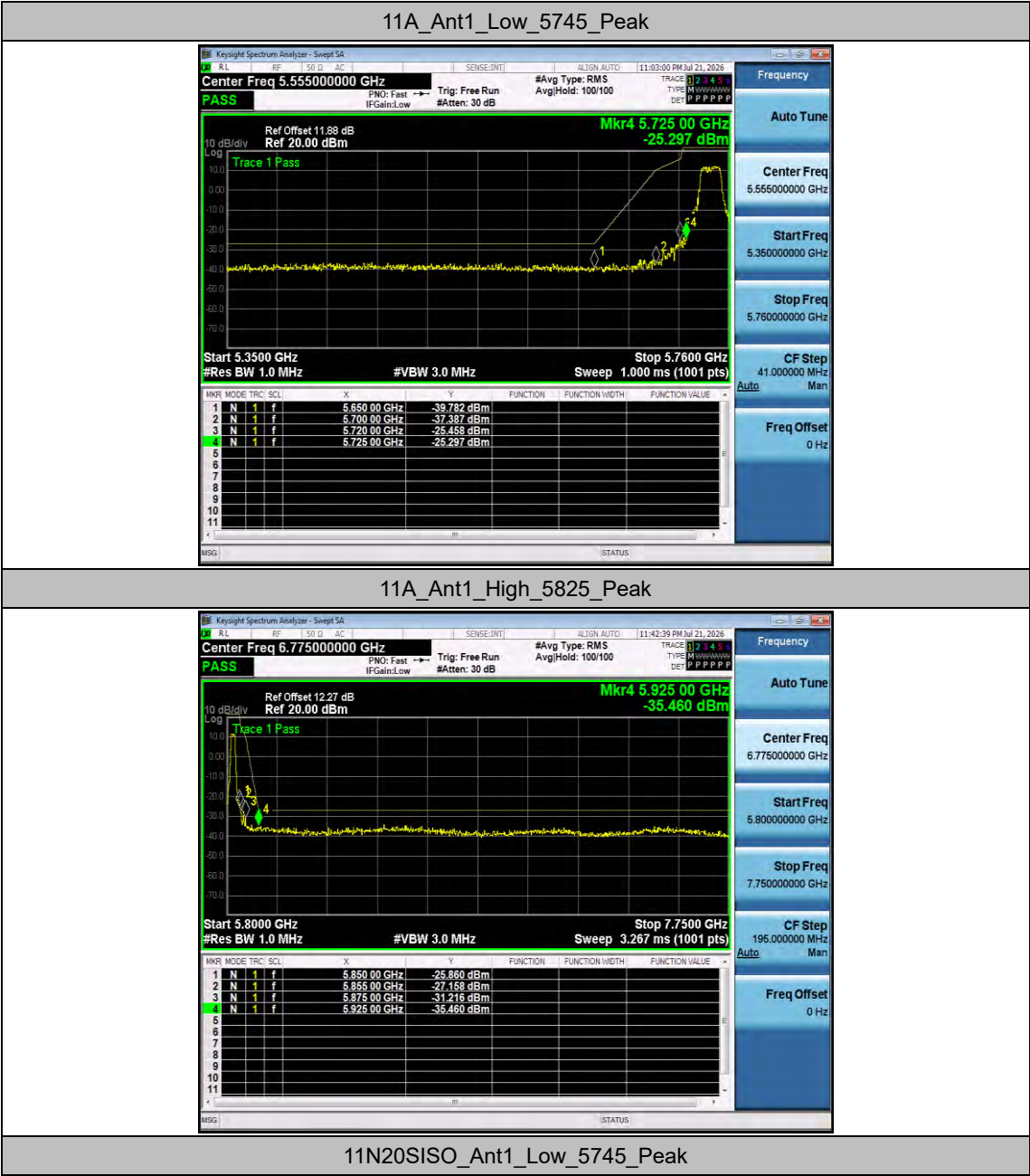
				Peak	5875.000	-35.27	≤ 10.00	---	---	PASS
				Peak	5925.000	-37.27	≤ -27.00	---	---	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-41.06 9	≤ -27.00	---	---	PASS
				Peak	5700.000	-39.94	≤ 10.00	---	---	PASS
				Peak	5720.000	-38.45	≤ 15.60	---	---	PASS
				Peak	5725.000	-33.03	≤ 27.00	---	---	PASS
		High	5795	Peak	5850.000	-35.112	≤ 27.00	---	---	PASS
				Peak	5855.000	-37.17	≤ 15.60	---	---	PASS
				Peak	5875.000	-36.34	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.17	≤ -27.00	---	---	PASS
11AC80SI SO	Ant1	Low	5775	Peak	5650.000	-38.41 5	≤ -27.00	---	---	PASS
				Peak	5700.000	-37.27	≤ 10.00	---	---	PASS
				Peak	5720.000	-38.73	≤ 15.60	---	---	PASS
				Peak	5725.000	-35.32	≤ 27.00	---	---	PASS
		High	5775	Peak	5850.000	-32.85 4	≤ 27.00	---	---	PASS
				Peak	5855.000	-34.27	≤ 15.60	---	---	PASS
				Peak	5875.000	-36.47	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.03	≤ -27.00	---	---	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-40.05 8	≤ -27.00	---	---	PASS
				Peak	5700.000	-39.87	≤ 10.00	---	---	PASS
				Peak	5720.000	-33.68	≤ 15.60	---	---	PASS
				Peak	5725.000	-28.97	≤ 27.00	---	---	PASS
		High	5825	Peak	5850.000	-29.99 4	≤ 27.00	---	---	PASS
				Peak	5855.000	-35.6	≤ 15.60	---	---	PASS
				Peak	5875.000	-37.74	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.61	≤ -27.00	---	---	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-39.80 8	≤ -27.00	---	---	PASS
				Peak	5700.000	-37.77	≤ 10.00	---	---	PASS
				Peak	5720.000	-33.12	≤ 15.60	---	---	PASS
				Peak	5725.000	-33.88	≤ 27.00	---	---	PASS
		High	5795	Peak	5850.000	-32.81 3	≤ 27.00	---	---	PASS
				Peak	5855.000	-36.16	≤ 15.60	---	---	PASS
				Peak	5875.000	-36.98	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.12	≤ -27.00	---	---	PASS
11AX80SI SO	Ant1	Low	5775	Peak	5650.000	-37.97 2	≤ -27.00	---	---	PASS

				Peak	5700.000	-38.72	≤ 10.00	---	---	PASS
				Peak	5720.000	-29.99	≤ 15.60	---	---	PASS
				Peak	5725.000	-28.35	≤ 27.00	---	---	PASS
		High	5775	Peak	5850.000	-34.90 9	≤ 27.00	---	---	PASS
				Peak	5855.000	-34.69	≤ 15.60	---	---	PASS
				Peak	5875.000	-36.13	≤ 10.00	---	---	PASS
				Peak	5925.000	-37.21	≤ 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



11N20SISO_Ant1_High_5825_Peak



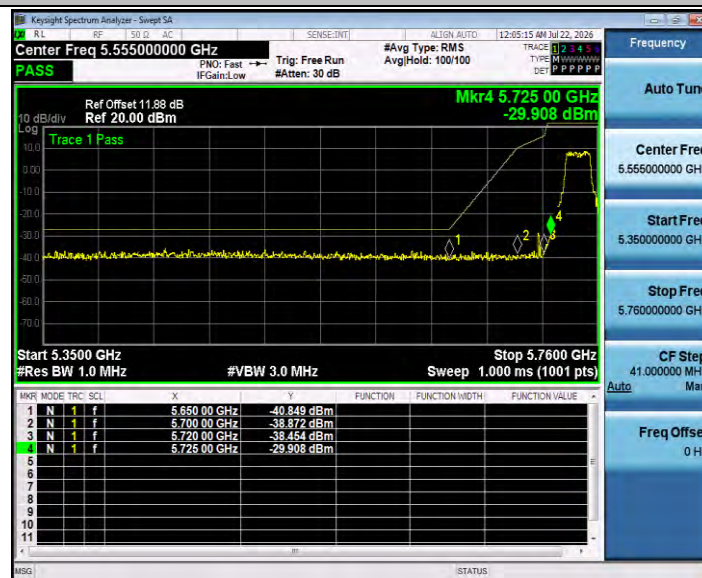
11N40SISO_Ant1_Low_5755_Peak



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

