

Appendix G.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	10.14	97.14	0.13	10.27	≤30.00	PASS
		5785	10.90	97.14	0.13	11.03	≤30.00	PASS
		5825	11.56	97.86	0.09	11.65	≤30.00	PASS
11N20SISO	Ant1	5745	10.15	97.69	0.10	10.25	≤30.00	PASS
		5785	10.97	96.95	0.13	11.10	≤30.00	PASS
		5825	11.65	96.95	0.13	11.78	≤30.00	PASS
11N40SISO	Ant1	5755	9.96	95.52	0.20	10.16	≤30.00	PASS
		5795	10.59	94.03	0.27	10.86	≤30.00	PASS
11AC20SISO	Ant1	5745	10.22	97.71	0.10	10.32	≤30.00	PASS
		5785	11.10	97.71	0.10	11.20	≤30.00	PASS
		5825	11.64	97.71	0.10	11.74	≤30.00	PASS
11AC40SISO	Ant1	5755	9.71	95.52	0.20	9.91	≤30.00	PASS
		5795	10.67	95.52	0.20	10.87	≤30.00	PASS
11AX20SISO	Ant1	5745	8.15	96.12	0.17	8.32	≤30.00	PASS
		5785	9.48	90.83	0.42	9.90	≤30.00	PASS
		5825	10.13	96.12	0.17	10.30	≤30.00	PASS
11AX40SISO	Ant1	5755	7.77	83.61	0.78	8.55	≤30.00	PASS
		5795	8.34	91.07	0.41	8.75	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Appendix G.5: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-3.95	≤30.00	PASS
		5785	-2.93	≤30.00	PASS
		5825	-2.61	≤30.00	PASS
11N20SISO	Ant1	5745	-4.27	≤30.00	PASS
		5785	-3.31	≤30.00	PASS
		5825	-2.79	≤30.00	PASS
11N40SISO	Ant1	5755	-7.39	≤30.00	PASS
		5795	-6.7	≤30.00	PASS
11AC20SISO	Ant1	5745	-4.38	≤30.00	PASS
		5785	-3.43	≤30.00	PASS
		5825	-2.88	≤30.00	PASS
11AC40SISO	Ant1	5755	-7.58	≤30.00	PASS
		5795	-6.61	≤30.00	PASS
11AX20SISO	Ant1	5745	-6.45	≤30.00	PASS
		5785	-4.96	≤30.00	PASS
		5825	-4.7	≤30.00	PASS
11AX40SISO	Ant1	5755	-8.85	≤30.00	PASS
		5795	-9.08	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs



11A_Ant1_5745



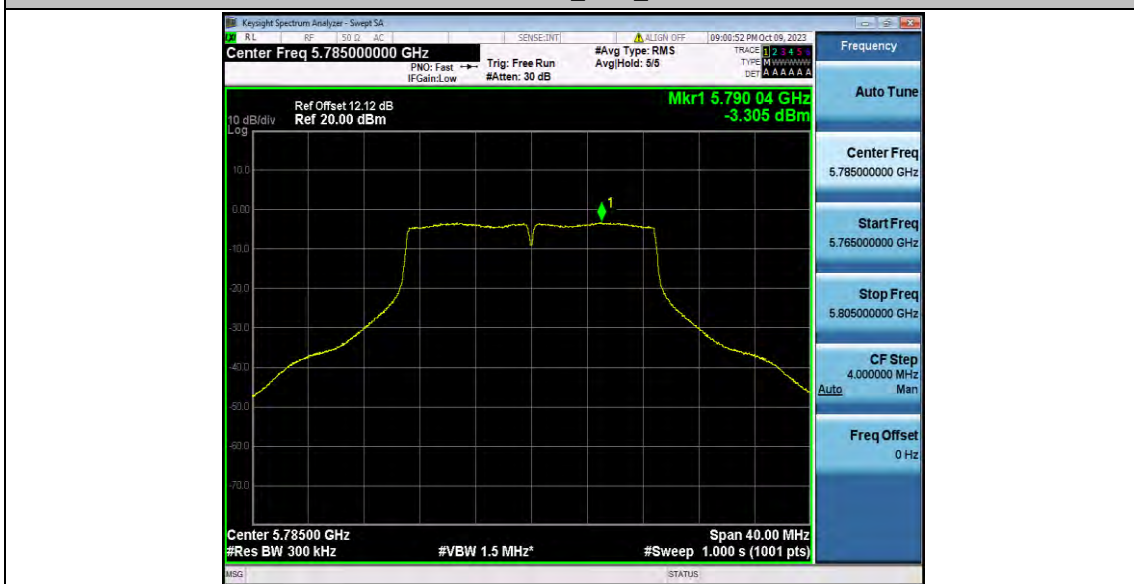
11A_Ant1_5785



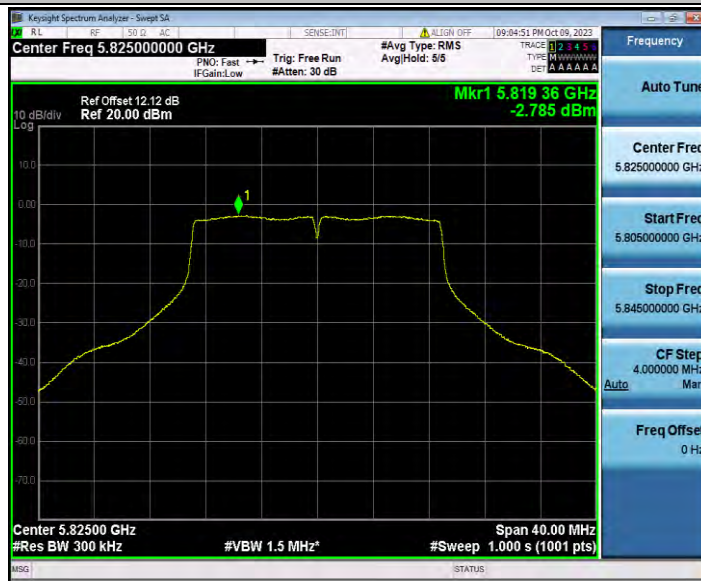
11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



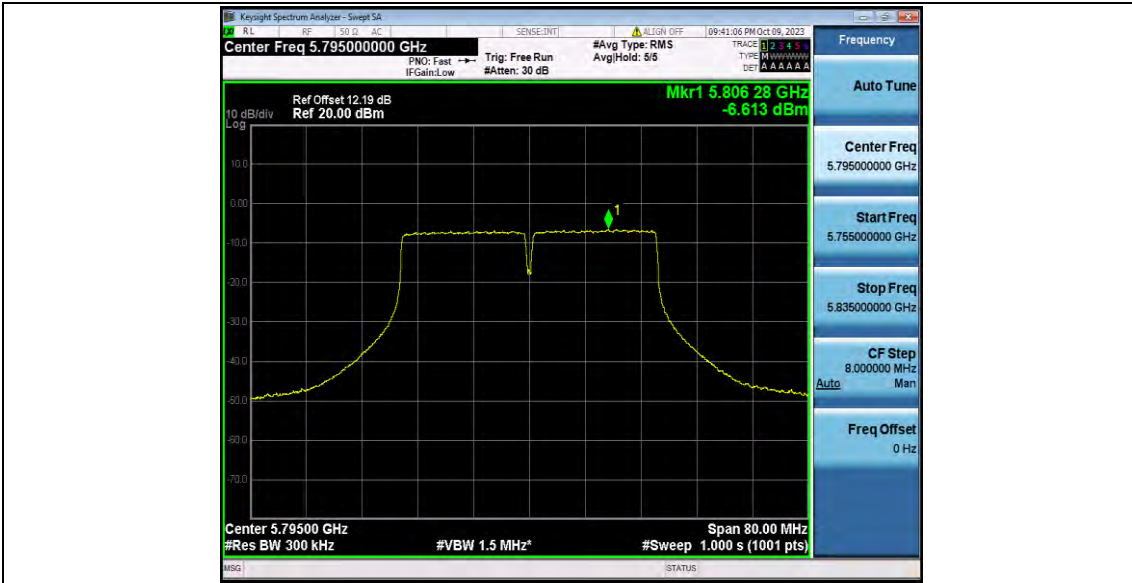
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5745



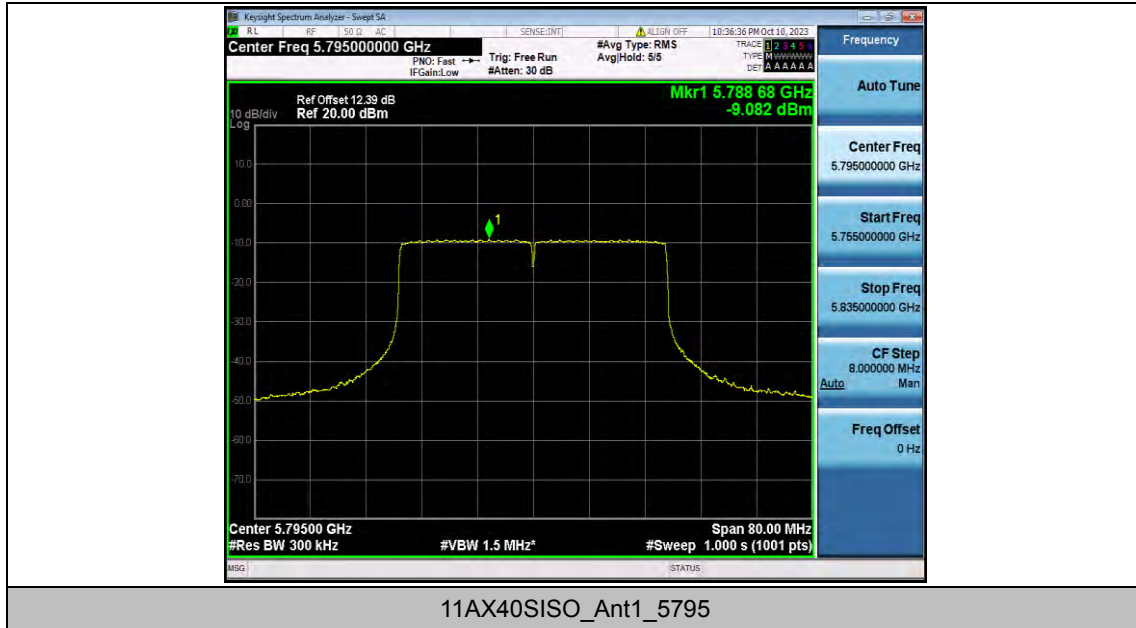
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



Appendix G.6: Band edge measurements

Test Result B4

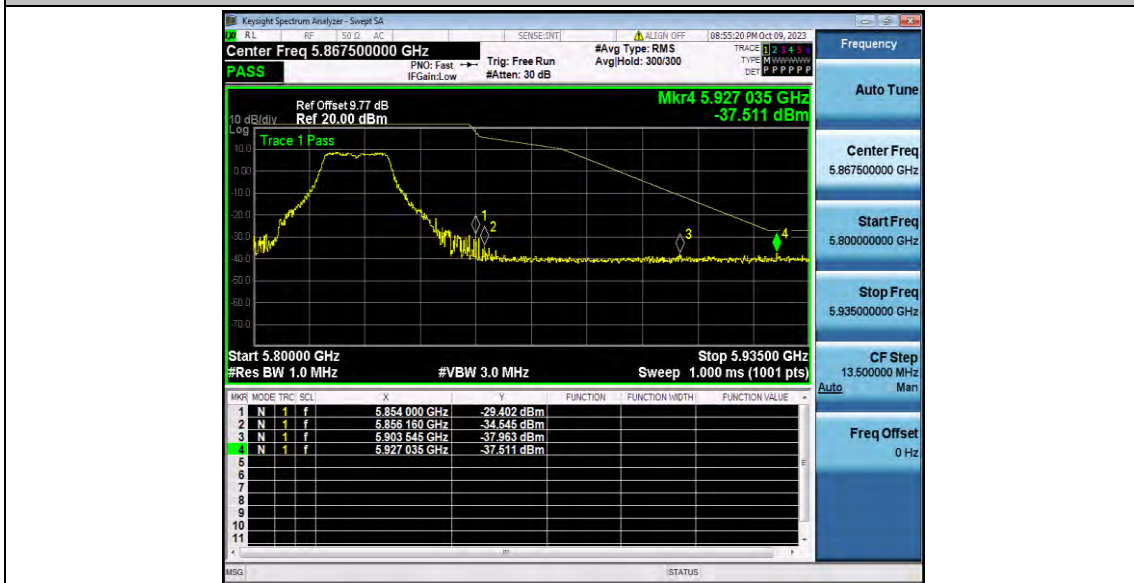
TestMode	Antenna	ChName	Frequency[M Hz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.01	≤-9.08	PASS
				5700~5720	-32.31	≤15.21	PASS
				5720~5725	-28.99	≤20.54	PASS
				5760~5650	-38.98	≤-27	PASS
		High	5825	5850~5855	-29.4	≤24.72	PASS
				5855~5875	-34.55	≤10.32	PASS
				5875~5925	-37.96	≤-5.88	PASS
				5925~5935	-37.51	≤-27	PASS
11N20SIS O	Ant1	Low	5745	5650~5700	-38.8	≤3.34	PASS
				5700~5720	-33.1	≤15.21	PASS
				5720~5725	-31.22	≤26.04	PASS
				5760~5650	-39.83	≤-27	PASS
		High	5825	5850~5855	-31.87	≤16.10	PASS
				5855~5875	-36.38	≤11.87	PASS
				5875~5925	-37.53	≤5.41	PASS
				5925~5935	-38.33	≤-27	PASS
11N40SIS O	Ant1	Low	5755	5650~5700	-38.08	≤-19.71	PASS
				5700~5720	-31.9	≤15.47	PASS
				5720~5725	-30.68	≤23.74	PASS
				5780~5650	-39.85	≤-27	PASS
		High	5795	5850~5855	-37.39	≤20.17	PASS
				5855~5875	-38.91	≤13.00	PASS
				5875~5925	-37.97	≤9.46	PASS
				5925~5935	-38.33	≤-27	PASS
11AC20SI SO	Ant1	Low	5745	5650~5700	-39.04	≤9.89	PASS
				5700~5720	-30.54	≤15.43	PASS
				5720~5725	-30.95	≤23.68	PASS
				5760~5650	-38.82	≤-27	PASS
		High	5825	5850~5855	-32.33	≤16.10	PASS
				5855~5875	-37.73	≤10.85	PASS
				5875~5925	-37.85	≤3.11	PASS
				5925~5935	-38.45	≤-27	PASS
11AC40SI SO	Ant1	Low	5755	5650~5700	-37.42	≤4.07	PASS
				5700~5720	-33.6	≤13.88	PASS
				5720~5725	-30.4	≤26.82	PASS
				5780~5650	-39.38	≤-27	PASS

		High	5795	5850~5855	-38.88	≤ 21.68	PASS
				5855~5875	-38.68	≤ 13.27	PASS
				5875~5925	-37.73	≤ 7.75	PASS
				5925~5935	-39.07	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-38.57	≤ -4.23	PASS
				5700~5720	-37.48	≤ 15.59	PASS
				5720~5725	-31.44	≤ 26.57	PASS
				5760~5650	-39.88	≤ -27	PASS
		High	5825	5850~5855	-36.65	≤ 17.64	PASS
				5855~5875	-37.99	≤ 10.14	PASS
				5875~5925	-37.84	≤ -1.48	PASS
				5925~5935	-38.92	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-38.06	≤ 9.76	PASS
				5700~5720	-35	≤ 14.86	PASS
				5720~5725	-32.58	≤ 22.82	PASS
				5780~5650	-39.62	≤ -27	PASS
		High	5795	5850~5855	-37.6	≤ 17.16	PASS
				5855~5875	-37.04	≤ 10.50	PASS
				5875~5925	-37.99	≤ 8.85	PASS
				5925~5935	-38.4	≤ -27	PASS

Test Graphs B4



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



11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795

Appendix G.7: Conducted Spurious Emission

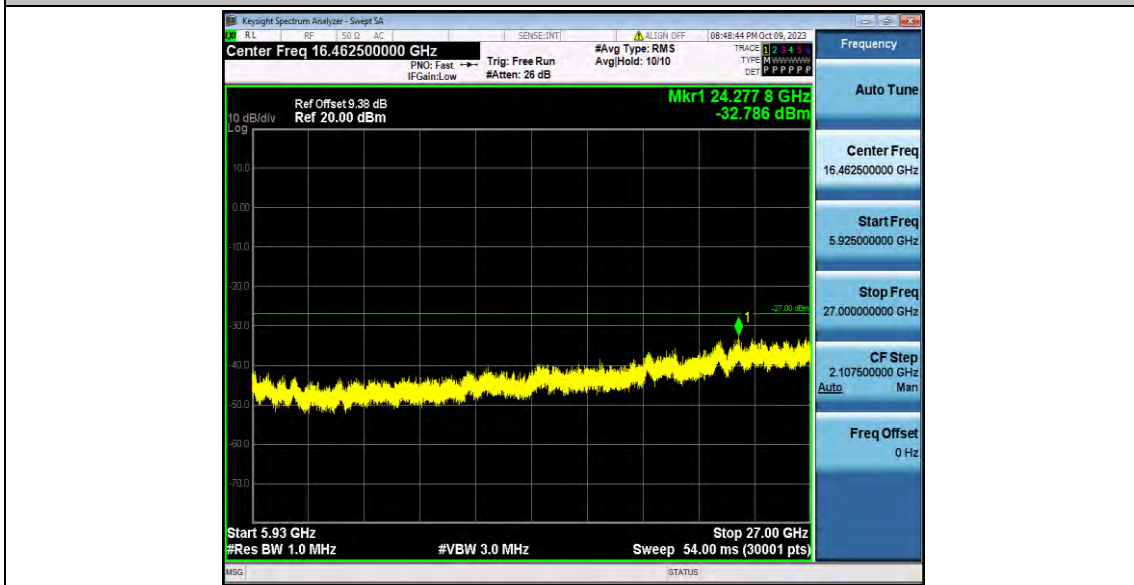
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	4589.13	-38.28	≤-27	PASS
			5925~40000	24277.81	-32.79	≤-27	PASS
		5785	30~5650	4627.91	-37.98	≤-27	PASS
			5925~40000	23575.31	-32.82	≤-27	PASS
		5825	30~5650	4652.64	-37.74	≤-27	PASS
			5925~40000	26924.83	-31.27	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4596.25	-39.18	≤-27	PASS
			5925~40000	26531.43	-32.5	≤-27	PASS
		5785	30~5650	4628.1	-38.01	≤-27	PASS
			5925~40000	26083.24	-31.74	≤-27	PASS
		5825	30~5650	4654.89	-37.43	≤-27	PASS
			5925~40000	25709.51	-31.96	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	4619.1	-36.78	≤-27	PASS
			5925~40000	24774.48	-32.57	≤-27	PASS
		5795	30~5650	4619.1	-35.79	≤-27	PASS
			5925~40000	24207.56	-31.97	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	4595.88	-40.13	≤-27	PASS
			5925~40000	25076.56	-32.5	≤-27	PASS
		5785	30~5650	4628.1	-38.54	≤-27	PASS
			5925~40000	26950.83	-31.22	≤-27	PASS
		5825	30~5650	4652.64	-36.94	≤-27	PASS
			5925~40000	26549.7	-32.82	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	4588.76	-37.92	≤-27	PASS
			5925~40000	24202.65	-32.29	≤-27	PASS
		5795	30~5650	4620.6	-36.93	≤-27	PASS
			5925~40000	26832.1	-31.23	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	5055.03	-39.72	≤-27	PASS
			5925~40000	25219.16	-31.86	≤-27	PASS
		5785	30~5650	4620.79	-37.6	≤-27	PASS
			5925~40000	24323.48	-32.44	≤-27	PASS
		5825	30~5650	4652.82	-37.97	≤-27	PASS
			5925~40000	24229.34	-31.86	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	4590.26	-37.54	≤-27	PASS
			5925~40000	25233.21	-32.02	≤-27	PASS
		5795	30~5650	4654.32	-36.87	≤-27	PASS
			5925~40000	26049.52	-32.19	≤-27	PASS

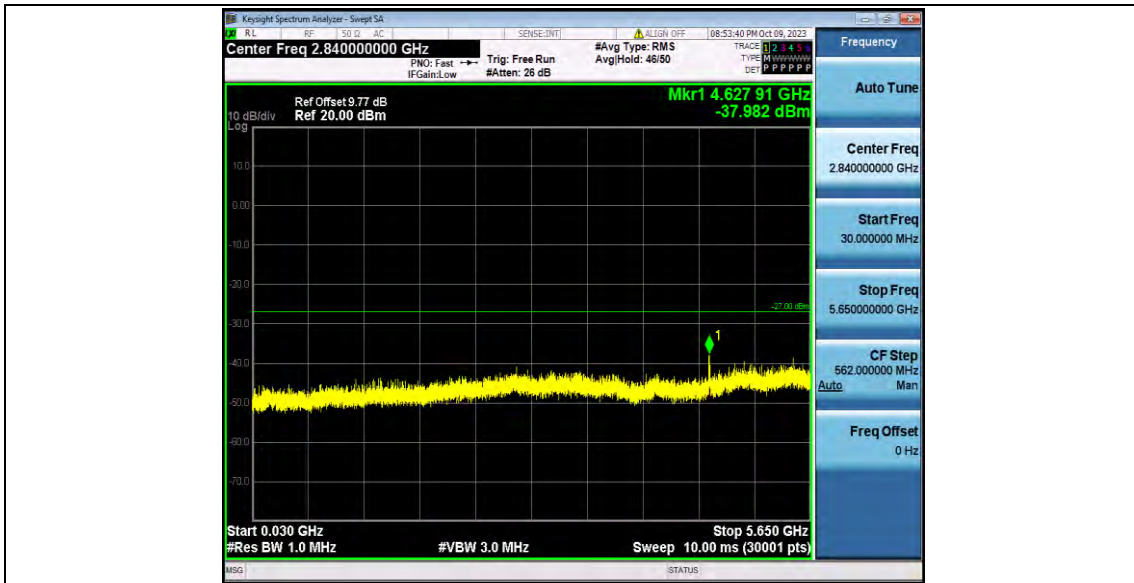
Test Graphs



11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~40000



11A_Ant1_5785_30~5650



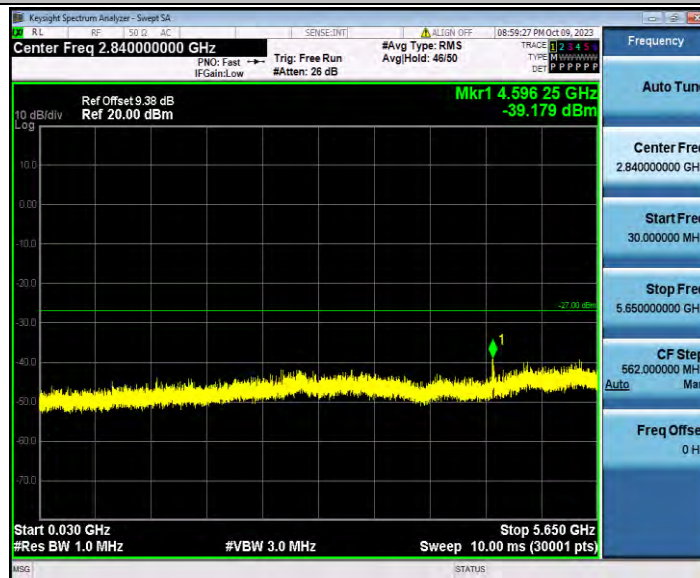
11A_Ant1_5785_5925~40000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~40000



11N20SISO_Ant1_5745_30~5650



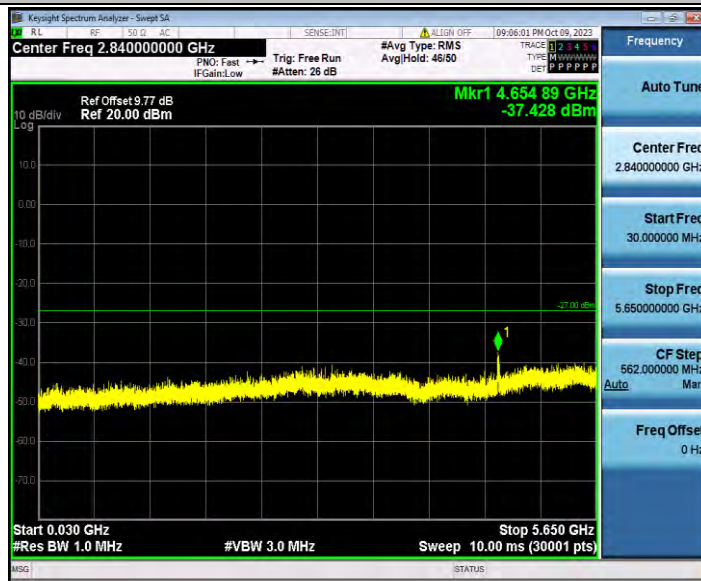
11N20SISO_Ant1_5745_5925-40000



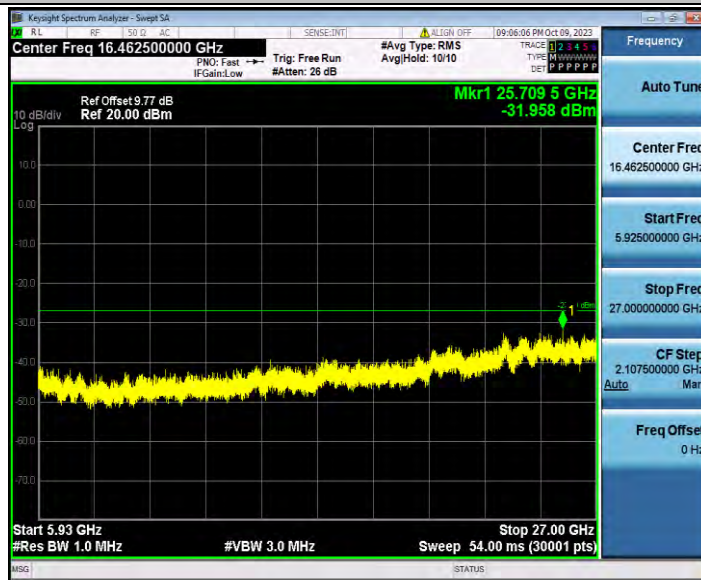
11N20SISO_Ant1_5785_30-5650



11N20SISO_Ant1_5785_5925~40000



11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~40000



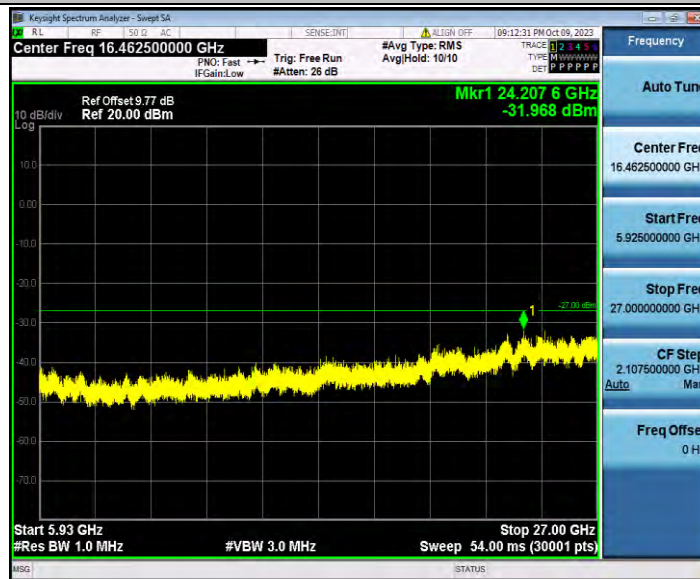
11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~40000



11N40SISO_Ant1_5795_30~5650



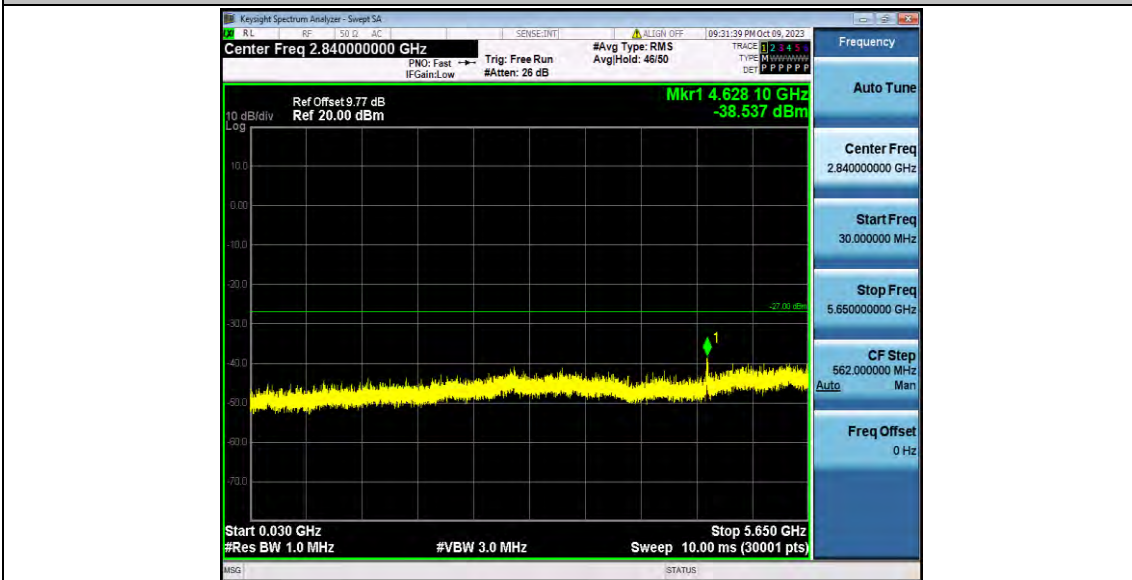
11N40SISO_Ant1_5795_5925~40000



11AC20SISO_Ant1_5745_30~5650



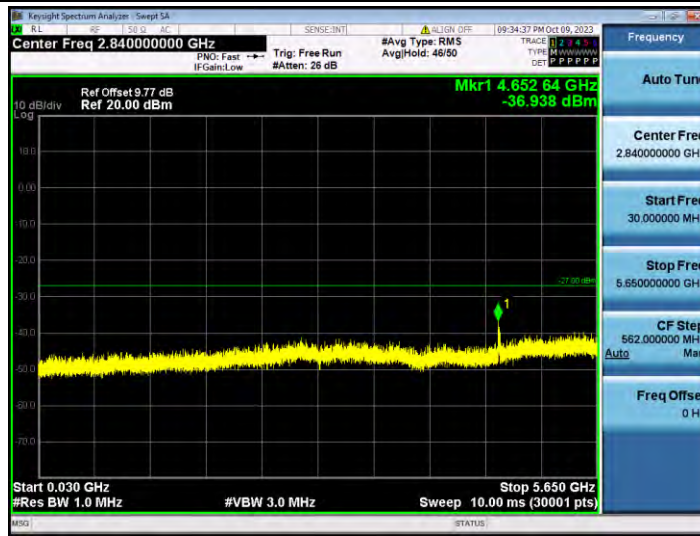
11AC20SISO_Ant1_5745_5925~4000



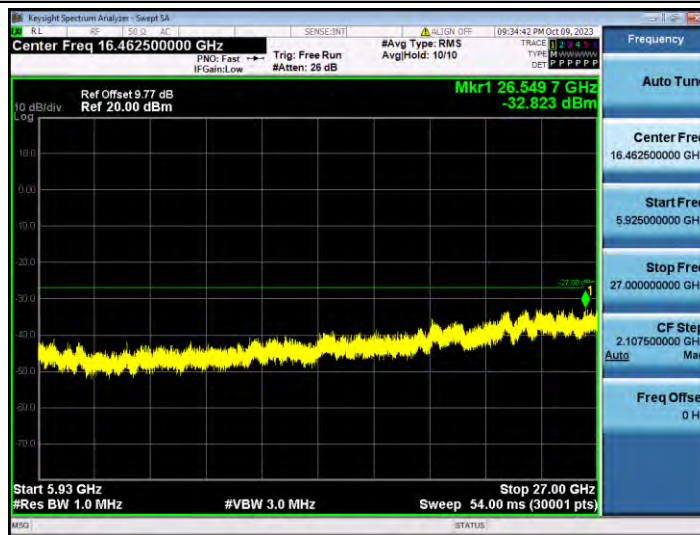
11AC20SISO_Ant1_5785_30~5650



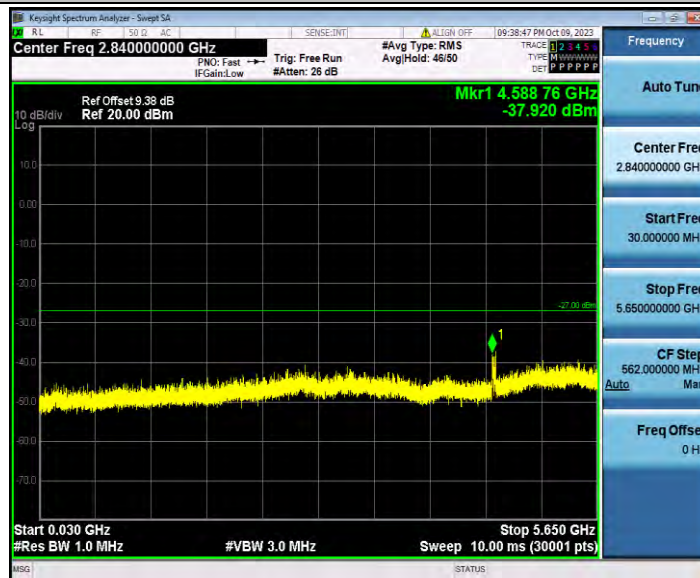
11AC20SISO_Ant1_5785_5925~40000



11AC20SISO_Ant1_5825_30~5650



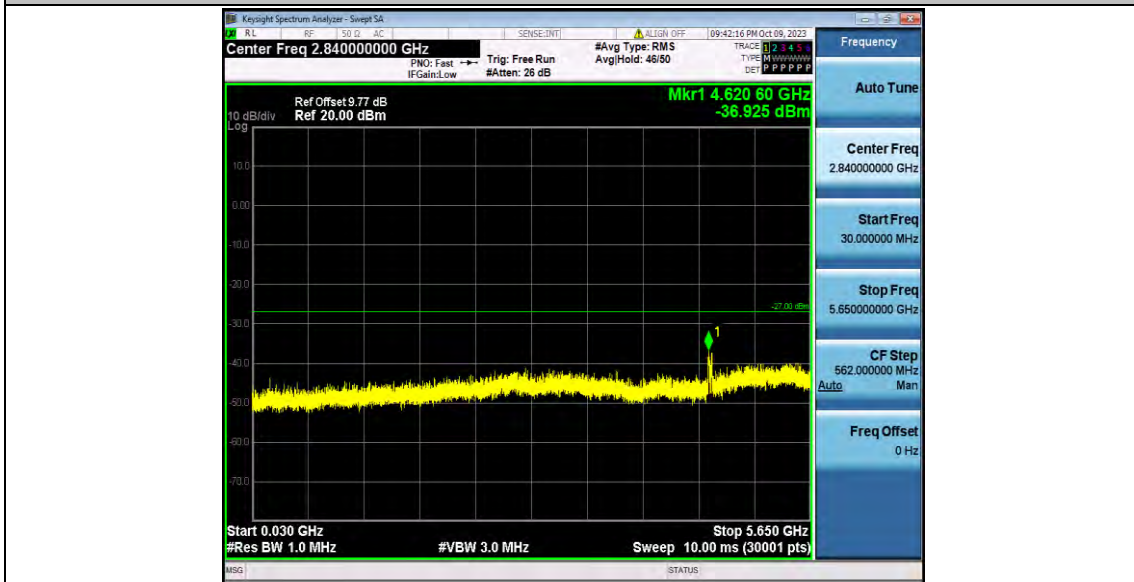
11AC20SISO_Ant1_5825_5925~40000



11AC40SISO_Ant1_5755_30~5650



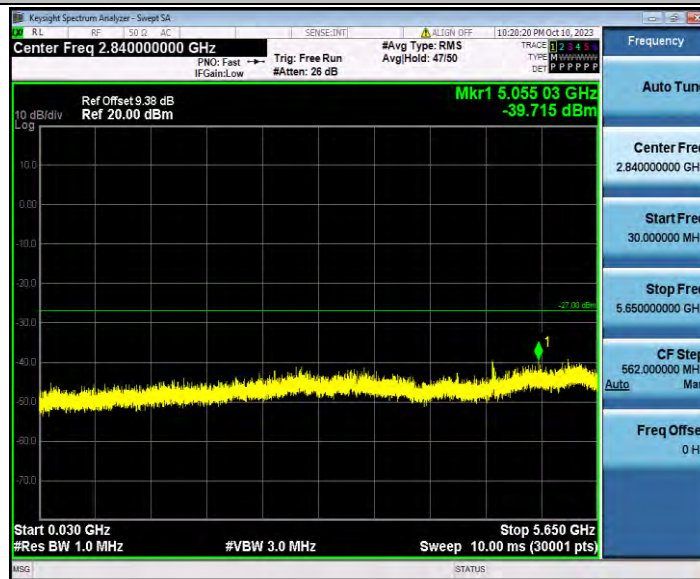
11AC40SISO_Ant1_5755_5925~4000



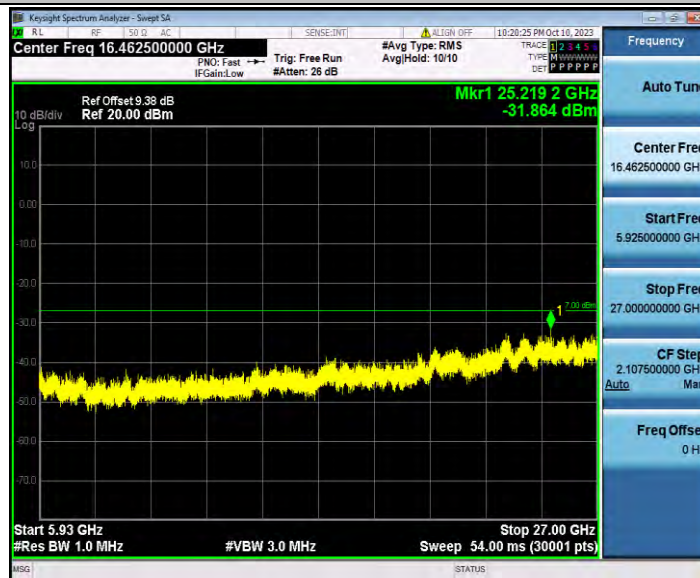
11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~40000



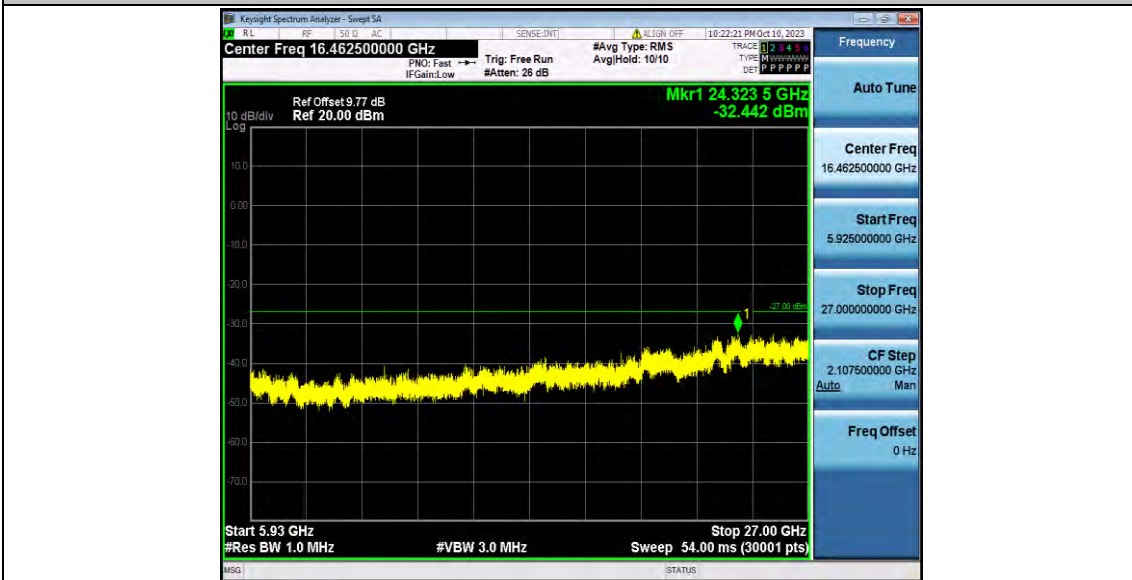
11AX20SISO_Ant1_5745_30~5650



11AX20SISO_Ant1_5745_5925~40000



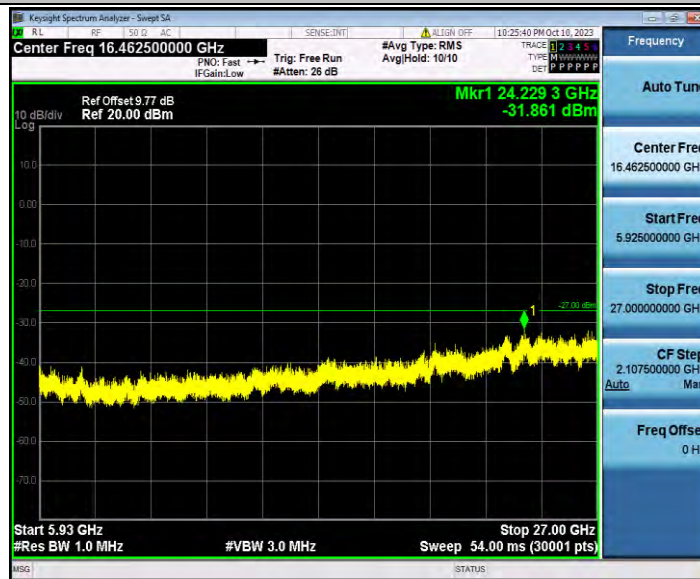
11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~40000



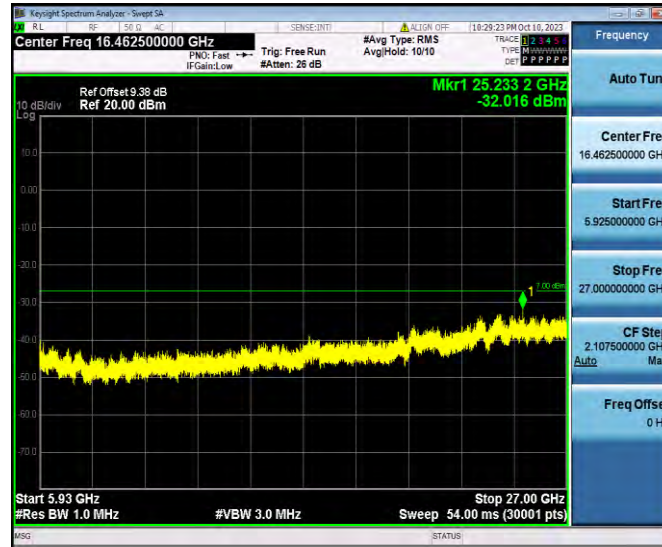
11AX20SISO_Ant1_5825_30~5650



11AX20SISO_Ant1_5825_5925~40000



11AX40SISO_Ant1_5755_30~5650



11AX40SISO_Ant1_5755_5925~4000



11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~4000

Appendix G.8: Emissions in Restricted Bands

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-39.8	≤-27.00	---	---	PASS
				Peak	5700.000	-40.22	≤10.00	---	---	PASS
				Peak	5720.000	-31.01	≤15.60	---	---	PASS
				Peak	5725.000	-33.22	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-38.14 5	≤15.60	---	---	PASS
				Peak	5855.000	-38.02	≤27.00	---	---	PASS
				Peak	5875.000	-39.8	≤15.60	---	---	PASS
				Peak	5925.000	-38.03	≤10.00	---	---	PASS
11N20SIS O	Ant1	Low	5745	Peak	5650.000	-39.96 8	≤-27.00	---	---	PASS
				Peak	5700.000	-37.99	≤10.00	---	---	PASS
				Peak	5720.000	-38.38	≤15.60	---	---	PASS
				Peak	5725.000	-32.56	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-36.17 1	≤15.60	---	---	PASS
				Peak	5855.000	-37.88	≤27.00	---	---	PASS
				Peak	5875.000	-39.68	≤15.60	---	---	PASS
				Peak	5925.000	-38.33	≤10.00	---	---	PASS
11N40SIS O	Ant1	Low	5755	Peak	5650.000	-40.49 1	≤-27.00	---	---	PASS
				Peak	5700.000	-41.12	≤10.00	---	---	PASS
				Peak	5720.000	-34.88	≤15.60	---	---	PASS
				Peak	5725.000	-28.38	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-38.22 2	≤15.60	---	---	PASS
				Peak	5855.000	-39.76	≤27.00	---	---	PASS
				Peak	5875.000	-40.56	≤15.60	---	---	PASS
				Peak	5925.000	-39.01	≤10.00	---	---	PASS
11AC20SI SO	Ant1	Low	5745	Peak	5650.000	-39.66 6	≤-27.00	---	---	PASS
				Peak	5700.000	-39.06	≤10.00	---	---	PASS
				Peak	5720.000	-37.59	≤15.60	---	---	PASS
				Peak	5725.000	-30.34	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-37.38 2	≤15.60	---	---	PASS

				Peak	5855.000	-39.12	≤ 27.00	---	---	PASS
				Peak	5875.000	-39.41	≤ 15.60	---	---	PASS
				Peak	5925.000	-39.36	≤ 10.00	---	---	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-38.71 5	≤ -27.00	---	---	PASS
				Peak	5700.000	-37.79	≤ 10.00	---	---	PASS
				Peak	5720.000	-34.83	≤ 15.60	---	---	PASS
				Peak	5725.000	-29.66	≤ 27.00	---	---	PASS
		High	5795	Peak	5850.000	-37.96 3	≤ 15.60	---	---	PASS
				Peak	5855.000	-39.66	≤ 27.00	---	---	PASS
				Peak	5875.000	-38.98	≤ 15.60	---	---	PASS
				Peak	5925.000	-37.1	≤ 10.00	---	---	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-39.62 8	≤ -27.00	---	---	PASS
				Peak	5700.000	-40.19	≤ 10.00	---	---	PASS
				Peak	5720.000	-38.04	≤ 15.60	---	---	PASS
				Peak	5725.000	-36.11	≤ 27.00	---	---	PASS
		High	5825	Peak	5850.000	-37.35 8	≤ 15.60	---	---	PASS
				Peak	5855.000	-38.25	≤ 27.00	---	---	PASS
				Peak	5875.000	-39.58	≤ 15.60	---	---	PASS
				Peak	5925.000	-40.43	≤ 10.00	---	---	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-40.23 8	≤ -27.00	---	---	PASS
				Peak	5700.000	-39.29	≤ 10.00	---	---	PASS
				Peak	5720.000	-36.11	≤ 15.60	---	---	PASS
				Peak	5725.000	-32.21	≤ 27.00	---	---	PASS
		High	5795	Peak	5850.000	-38.49 3	≤ 15.60	---	---	PASS
				Peak	5855.000	-39.5	≤ 27.00	---	---	PASS
				Peak	5875.000	-40.04	≤ 15.60	---	---	PASS
				Peak	5925.000	-39.24	≤ 10.00	---	---	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_Low_5745_Peak



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



11AX20SISO_Ant1_Low_5745_Peak



11AX20SISO_Ant1_High_5825_Peak



