

AppendixD.6:Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5645~5650	-40.87	≤-27	PASS
				5650~5700	-42.49	≤-26.96	PASS
				5700~5720	-41.82	≤10.06	PASS
				5720~5725	-35.4	≤16.60	PASS
		High	5825	5850~5855	-42.4	≤16.03	PASS
				5855~5875	-41.1	≤10.10	PASS
				5875~5925	-41.06	≤-25.81	PASS
				5925~5935	-40.11	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5645~5650	-41.23	≤-27	PASS
				5650~5700	-41.73	≤-25.85	PASS
				5700~5720	-40.2	≤11.79	PASS
				5720~5725	-33.98	≤17.39	PASS
		High	5825	5850~5855	-40.68	≤16.96	PASS
				5855~5875	-40.6	≤10.17	PASS
				5875~5925	-40.7	≤-26.21	PASS
				5925~5935	-39.64	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5645~5650	-40.3	≤-27	PASS
				5650~5700	-42.39	≤-26.50	PASS
				5700~5720	-34.19	≤15.43	PASS
				5720~5725	-31.79	≤16.04	PASS
		High	5795	5850~5855	-41.6	≤15.66	PASS
				5855~5875	-38.25	≤12.51	PASS
				5875~5925	-40.69	≤-26.83	PASS
				5925~5935	-40	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5645~5650	-40.99	≤-27	PASS
				5650~5700	-41.71	≤-26.36	PASS
				5700~5720	-40.38	≤10.89	PASS
				5720~5725	-32.46	≤20.80	PASS
		High	5825	5850~5855	-41.69	≤15.73	PASS
				5855~5875	-39.75	≤10.32	PASS
				5875~5925	-39.87	≤-26.81	PASS
				5925~5935	-39.86	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5645~5650	-40.33	≤-27	PASS
				5650~5700	-40.95	≤-25.61	PASS
				5700~5720	-36.83	≤14.60	PASS
				5720~5725	-36.76	≤17.28	PASS

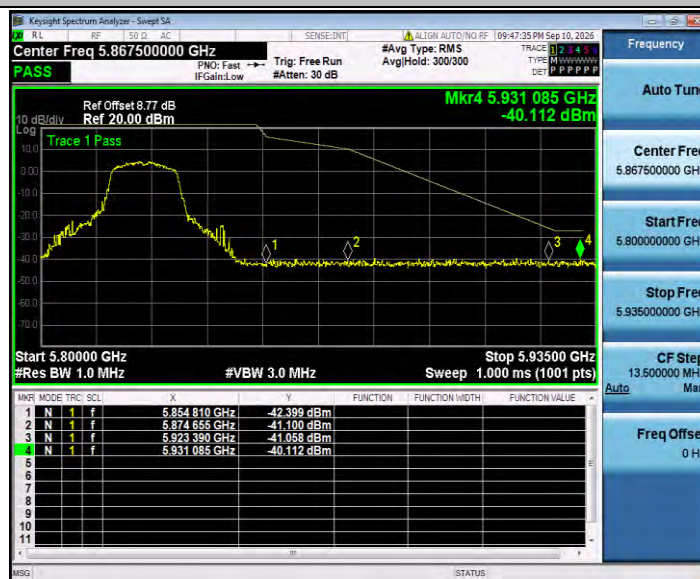
		High	5795	5850~5855	-41.2	≤ 15.66	PASS
				5855~5875	-41.02	≤ 10.02	PASS
				5875~5925	-41.36	≤ -26.71	PASS
				5925~5935	-39.57	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5645~5650	-41.62	≤ -27	PASS
				5650~5700	-41.15	≤ -26.36	PASS
				5700~5720	-40.72	≤ 10.35	PASS
				5720~5725	-27.43	≤ 21.32	PASS
		High	5825	5850~5855	-40.53	≤ 15.73	PASS
				5855~5875	-39.89	≤ 10.06	PASS
				5875~5925	-40.94	≤ -26.61	PASS
				5925~5935	-39.89	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5645~5650	-41.07	≤ -27	PASS
				5650~5700	-42.13	≤ -26.90	PASS
				5700~5720	-36.38	≤ 15.39	PASS
				5720~5725	-37.61	≤ 15.74	PASS
		High	5795	5850~5855	-41.29	≤ 15.66	PASS
				5855~5875	-41.27	≤ 10.11	PASS
				5875~5925	-40.22	≤ -26.59	PASS
				5925~5935	-39.71	≤ -27	PASS

Test GraphsB4

11A_Ant1_Low_5745



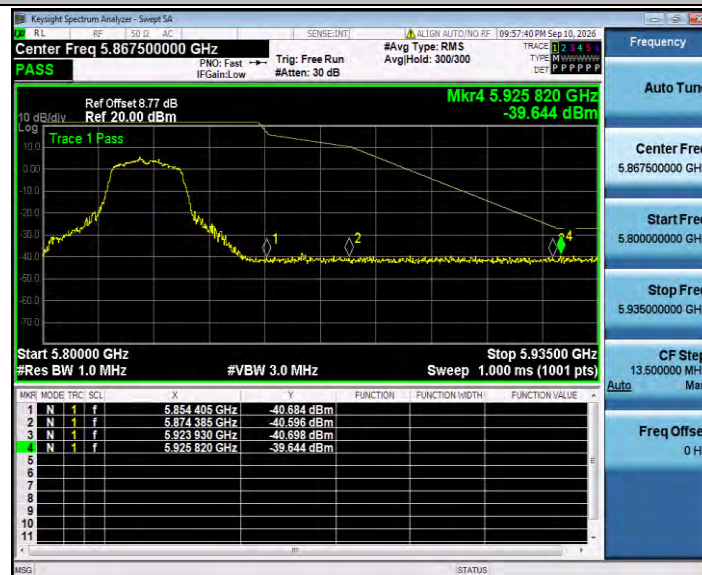
11A_Ant1_High_5825



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



11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



AppendixD.7:Conducted Spurious Emission

Test Result

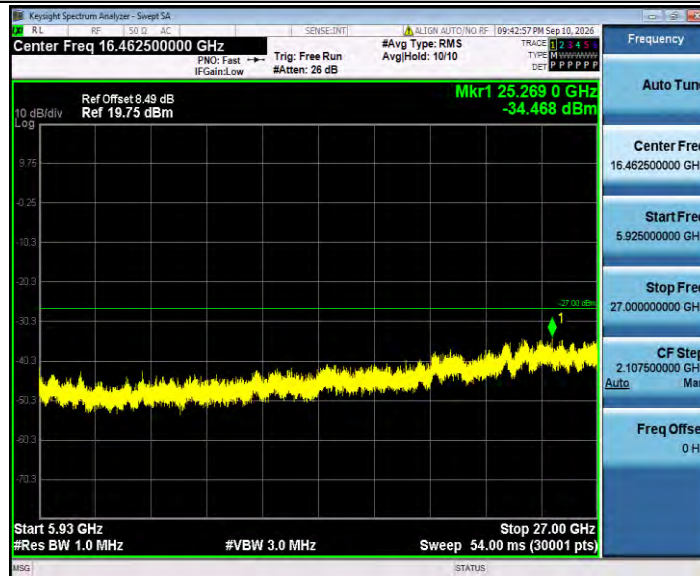
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	3157.16	-41.27	≤-27	PASS
			5925~27000	25269.04	-34.47	≤-27	PASS
		5785	30~5650	3159.78	-41.56	≤-27	PASS
			5925~27000	24226.53	-34.29	≤-27	PASS
		5825	30~5650	5377.06	-40.89	≤-27	PASS
			5925~27000	24792.75	-34.02	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5543.59	-41.38	≤-27	PASS
			5925~27000	25551.45	-34.47	≤-27	PASS
		5785	30~5650	5497.89	-41.02	≤-27	PASS
			5925~27000	24225.13	-34.03	≤-27	PASS
		5825	30~5650	4904.98	-40.99	≤-27	PASS
			5925~27000	24308.72	-32.38	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5493.2	-40.77	≤-27	PASS
			5925~27000	23524.73	-34.03	≤-27	PASS
		5795	30~5650	5446.37	-40.35	≤-27	PASS
			5925~27000	25269.74	-33.16	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	4927.27	-40.5	≤-27	PASS
			5925~27000	25261.31	-33.58	≤-27	PASS
		5785	30~5650	2660.53	-40.59	≤-27	PASS
			5925~27000	24296.78	-32.05	≤-27	PASS
		5825	30~5650	4938.88	-40.99	≤-27	PASS
			5925~27000	23479.77	-33.02	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5123.22	-41.5	≤-27	PASS
			5925~27000	26691.6	-33.39	≤-27	PASS
		5795	30~5650	5415.65	-41.47	≤-27	PASS
			5925~27000	26516.68	-33.38	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	4864.7	-41.61	≤-27	PASS
			5925~27000	24275.71	-33.36	≤-27	PASS
		5785	30~5650	3276.11	-41.37	≤-27	PASS
			5925~27000	24934.65	-33.36	≤-27	PASS
		5825	30~5650	5355.51	-41.49	≤-27	PASS
			5925~27000	24298.89	-33.01	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	3203.8	-40.82	≤-27	PASS
			5925~27000	26616.44	-33.01	≤-27	PASS
		5795	30~5650	2656.04	-41.66	≤-27	PASS
			5925~27000	26624.16	-32.95	≤-27	PASS

Test Graphs

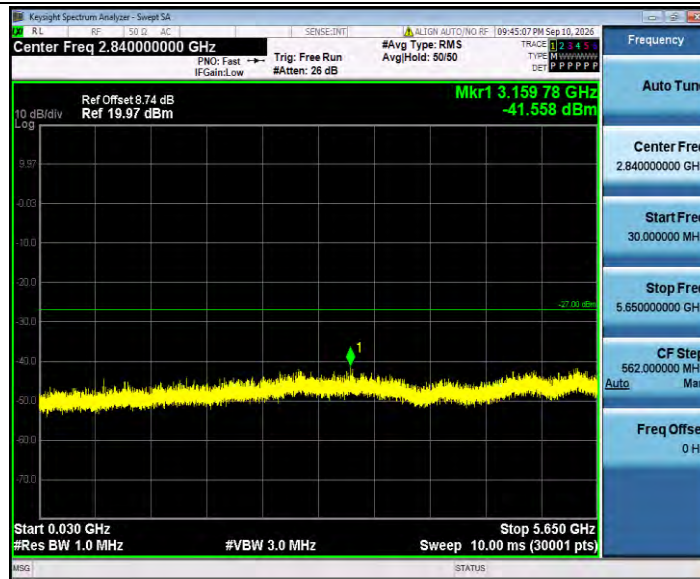
11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



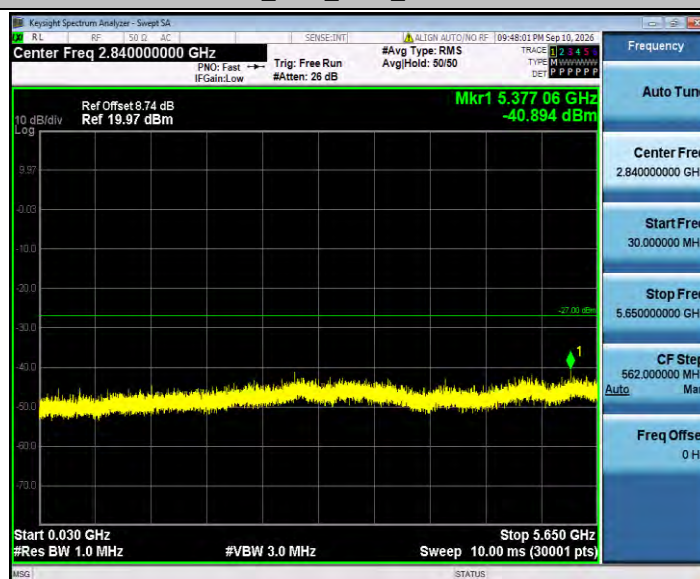
11A_Ant1_5785_30~5650



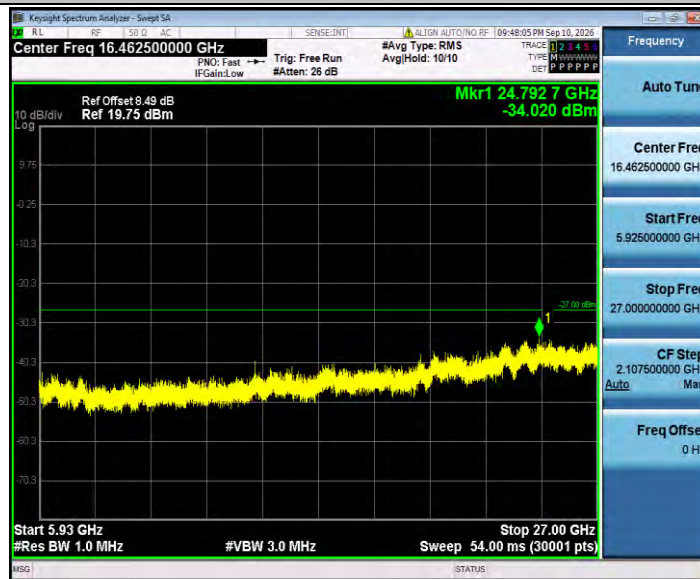
11A_Ant1_5785_5925~27000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



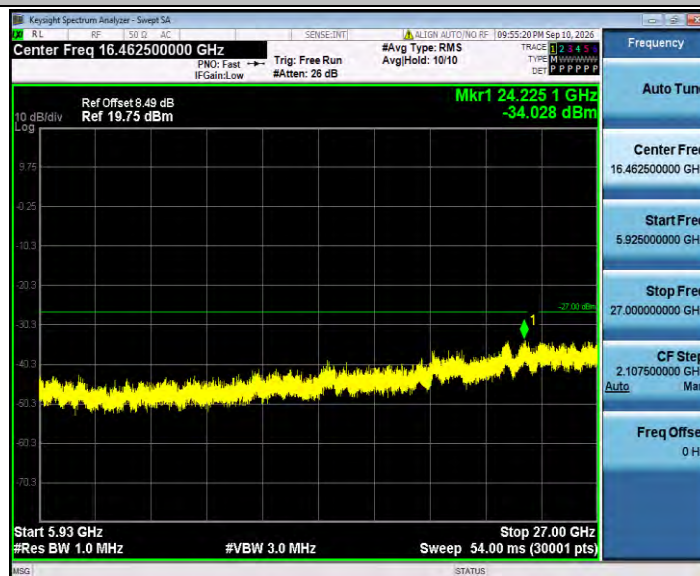
11N20SISO_Ant1_5745_5925~27000



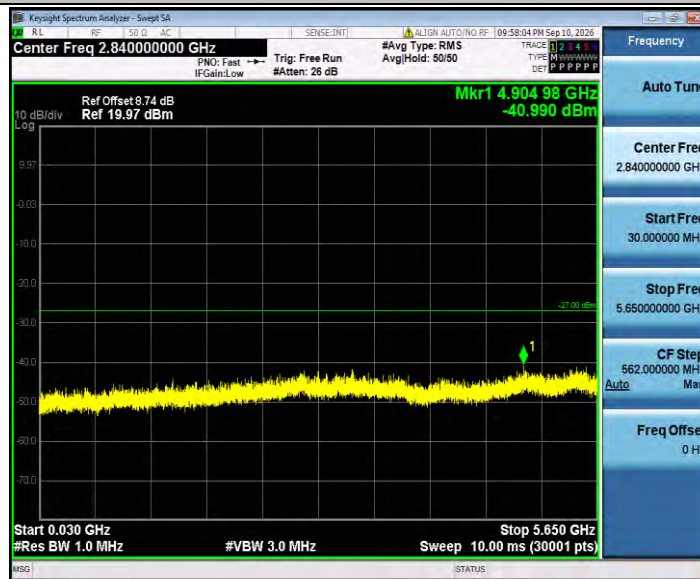
11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~27000



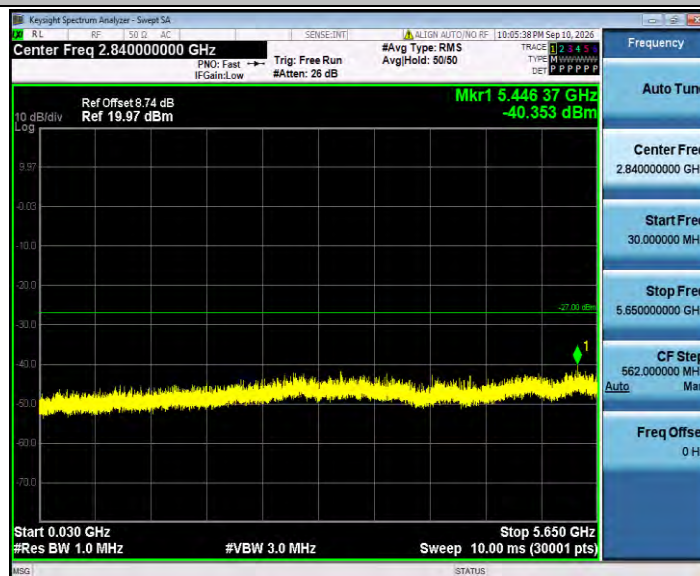
11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



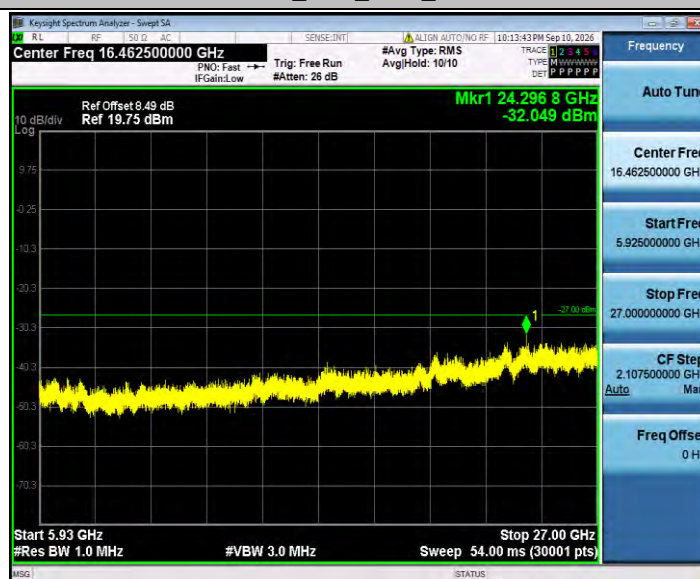
11AC20SISO_Ant1_5745_5925~27000



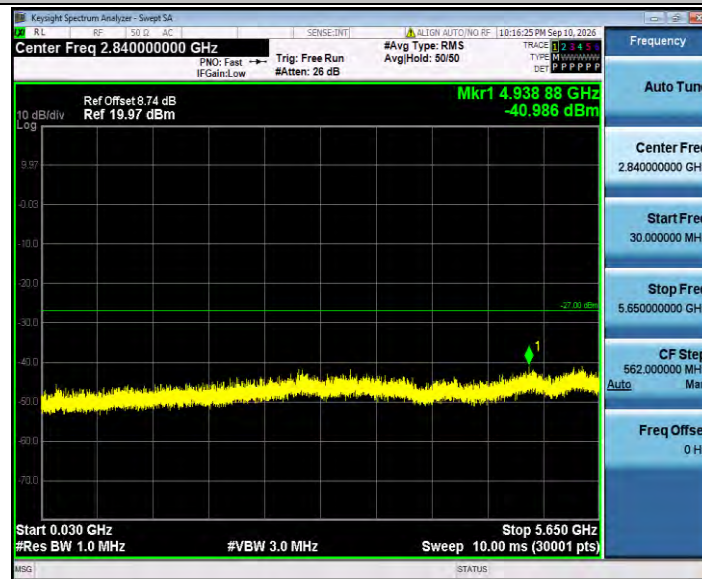
11AC20SISO_Ant1_5785_30~5650



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



11AX20SISO_Ant1_5745_30~5650



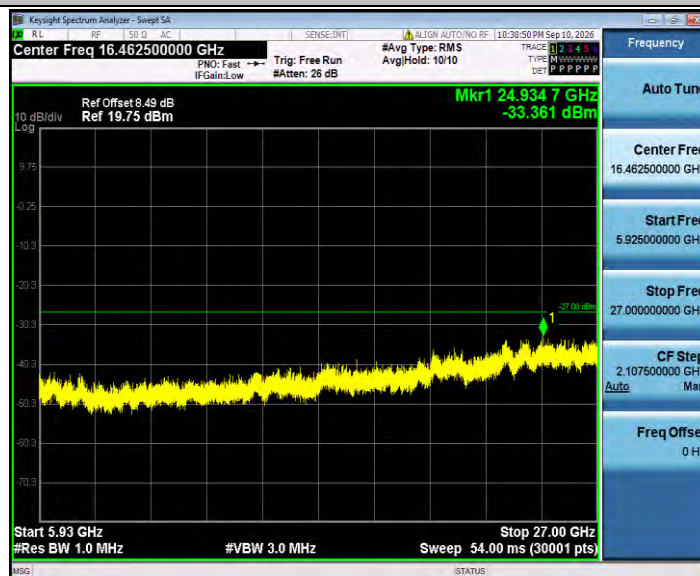
11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~27000



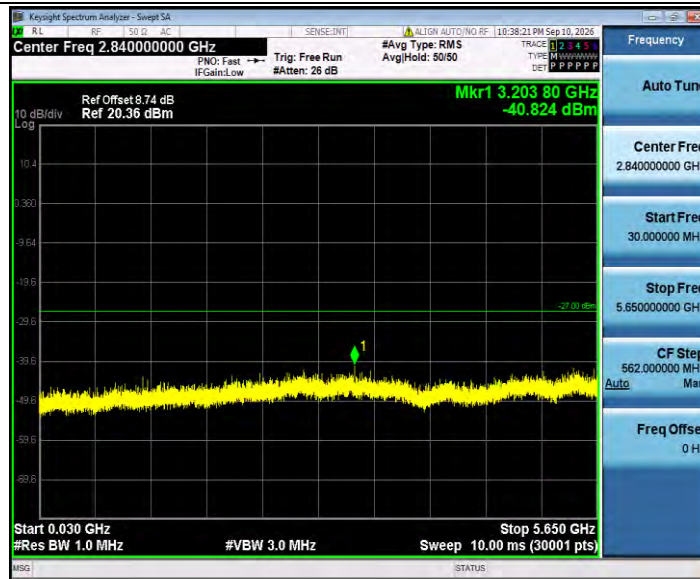
11AX20SISO_Ant1_5825_30~5650



11AX20SISO_Ant1_5825_5925~27000



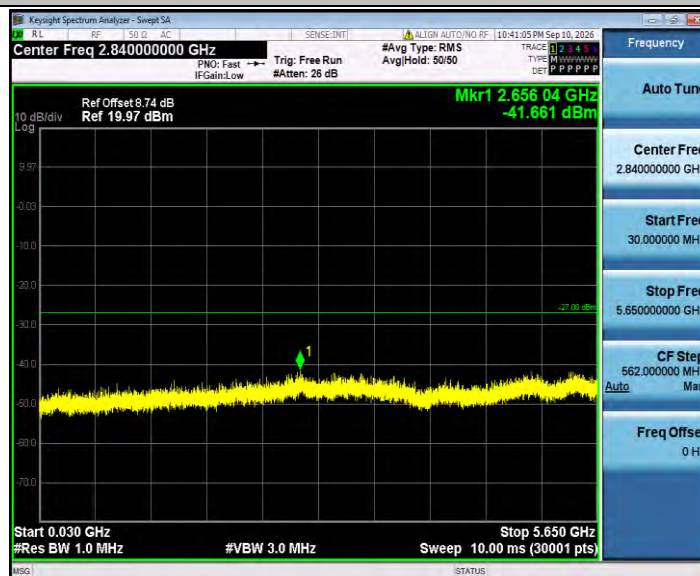
11AX40SISO_Ant1_5755_30~5650

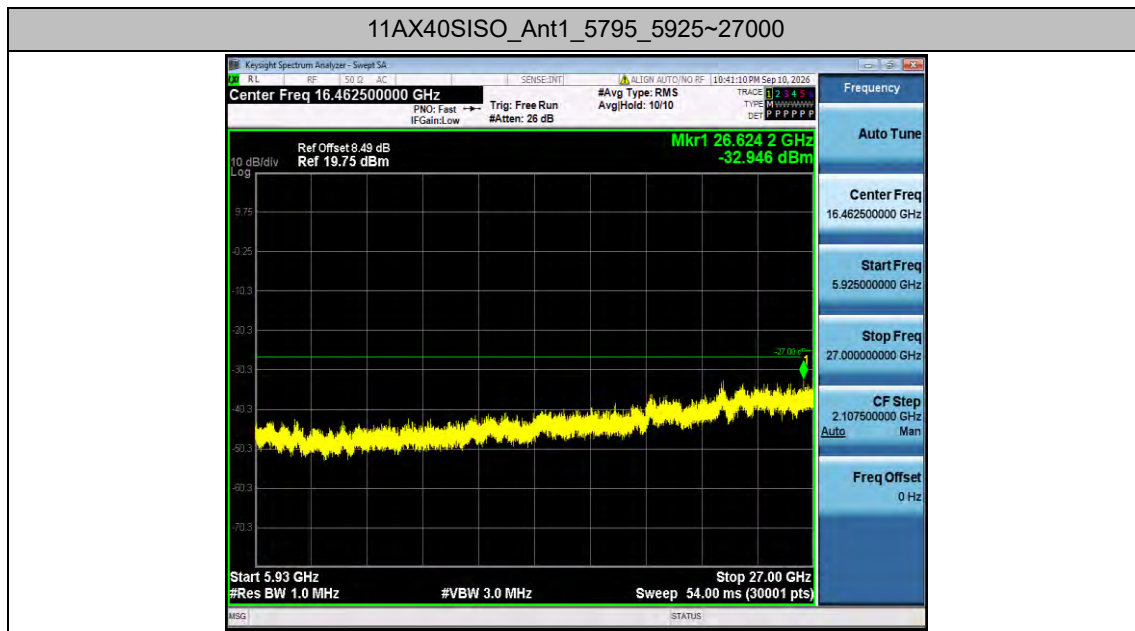


11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650





AppendixD.8:Emissions in Restricted Bands

Test Result

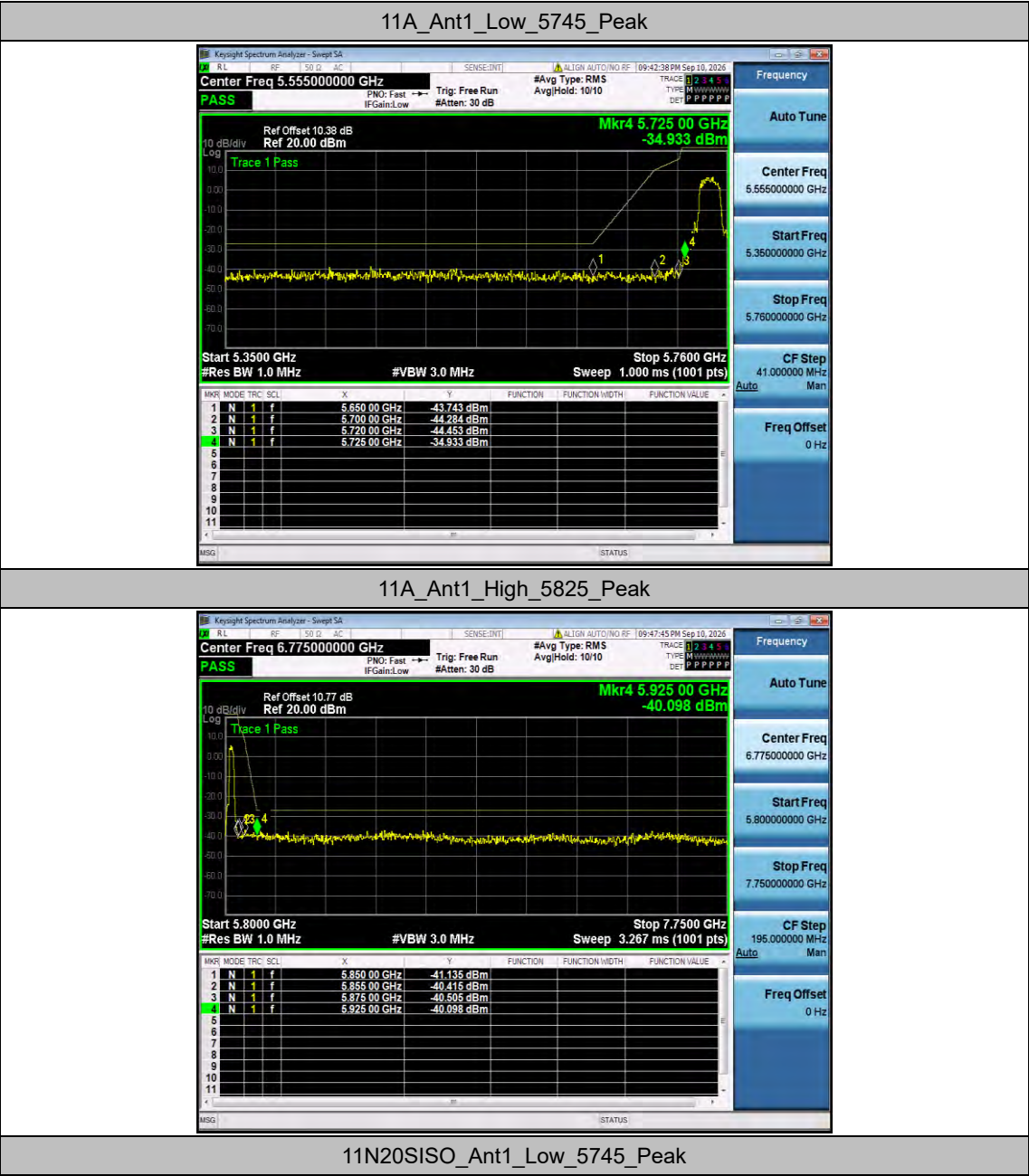
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-43.74 3	≤-27.00	---	---	PASS
				Peak	5700.000	-44.28	≤10.00	---	---	PASS
				Peak	5720.000	-44.45	≤15.60	---	---	PASS
				Peak	5725.000	-34.93	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-41.13 5	≤27.00	---	---	PASS
				Peak	5855.000	-40.42	≤15.60	---	---	PASS
				Peak	5875.000	-40.51	≤10.00	---	---	PASS
				Peak	5925.000	-40.1	≤-27.00	- - -	- - -	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-44.57	≤-27.00	---	---	PASS
				Peak	5700.000	-42.99	≤10.00	---	---	PASS
				Peak	5720.000	-40.44	≤15.60	---	---	PASS
				Peak	5725.000	-30.17	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-37.19 1	≤27.00	---	---	PASS
				Peak	5855.000	-39.69	≤15.60	---	---	PASS
				Peak	5875.000	-38.18	≤10.00	---	---	PASS
				Peak	5925.000	-39.84	≤-27.00	- - -	- - -	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-44.35 8	≤-27.00	---	---	PASS
				Peak	5700.000	-43.55	≤10.00	---	---	PASS
				Peak	5720.000	-38.83	≤15.60	---	---	PASS
				Peak	5725.000	-38.12	≤27.00	- - -	- - -	PASS
		High	5795	Peak	5850.000	-38.71 2	≤27.00	---	---	PASS
				Peak	5855.000	-39.87	≤15.60	---	---	PASS
				Peak	5875.000	-38.96	≤10.00	---	---	PASS
				Peak	5925.000	-41.95	≤-27.00	- - -	- - -	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-42.44 5	≤-27.00	---	---	PASS
				Peak	5700.000	-43.96	≤10.00	---	---	PASS
				Peak	5720.000	-41.11	≤15.60	---	---	PASS
				Peak	5725.000	-34.6	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-37.80 4	≤27.00	---	---	PASS

				Peak	5855.000	-39.24	≤ 15.60	---	---	PASS
				Peak	5875.000	-38.69	≤ 10.00	---	---	PASS
				Peak	5925.000	-39.72	≤ -27.00	---	---	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-45.35 ₃	≤ -27.00	---	---	PASS
				Peak	5700.000	-43.72	≤ 10.00	---	---	PASS
				Peak	5720.000	-40.05	≤ 15.60	---	---	PASS
				Peak	5725.000	-37.67	≤ 27.00	---	---	PASS
		High	5795	Peak	5850.000	-36.23 ₁	≤ 27.00	---	---	PASS
				Peak	5855.000	-39.92	≤ 15.60	---	---	PASS
				Peak	5875.000	-40.31	≤ 10.00	---	---	PASS
				Peak	5925.000	-38.39	≤ -27.00	---	---	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-43.20 ₄	≤ -27.00	---	---	PASS
				Peak	5700.000	-43.55	≤ 10.00	---	---	PASS
				Peak	5720.000	-38.68	≤ 15.60	---	---	PASS
				Peak	5725.000	-35.13	≤ 27.00	---	---	PASS
		High	5825	Peak	5850.000	-38.99	≤ 27.00	---	---	PASS
				Peak	5855.000	-39.69	≤ 15.60	---	---	PASS
				Peak	5875.000	-38.93	≤ 10.00	---	---	PASS
				Peak	5925.000	-37.77	≤ -27.00	---	---	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-44.17	≤ -27.00	---	---	PASS
				Peak	5700.000	-42.32	≤ 10.00	---	---	PASS
				Peak	5720.000	-40.12	≤ 15.60	---	---	PASS
				Peak	5725.000	-36.17	≤ 27.00	---	---	PASS
		High	5795	Peak	5850.000	-41.34 ₄	≤ 27.00	---	---	PASS
				Peak	5855.000	-38.63	≤ 15.60	---	---	PASS
				Peak	5875.000	-38.79	≤ 10.00	---	---	PASS
				Peak	5925.000	-39.56	≤ -27.00	---	---	PASS

Note:

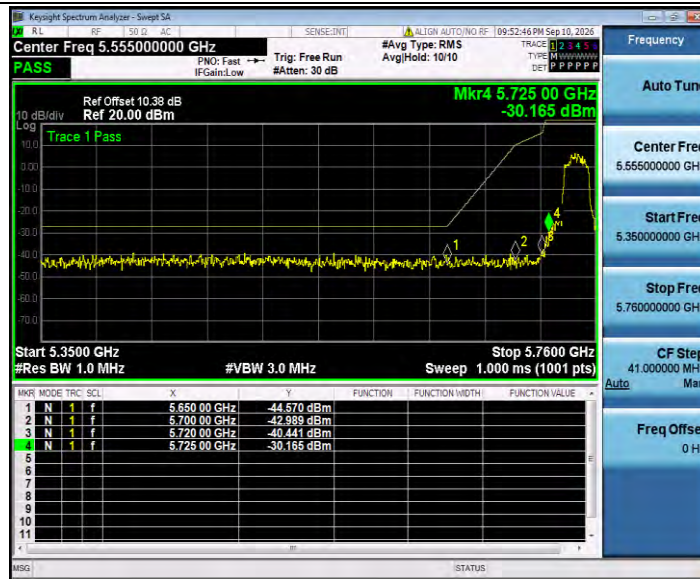
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

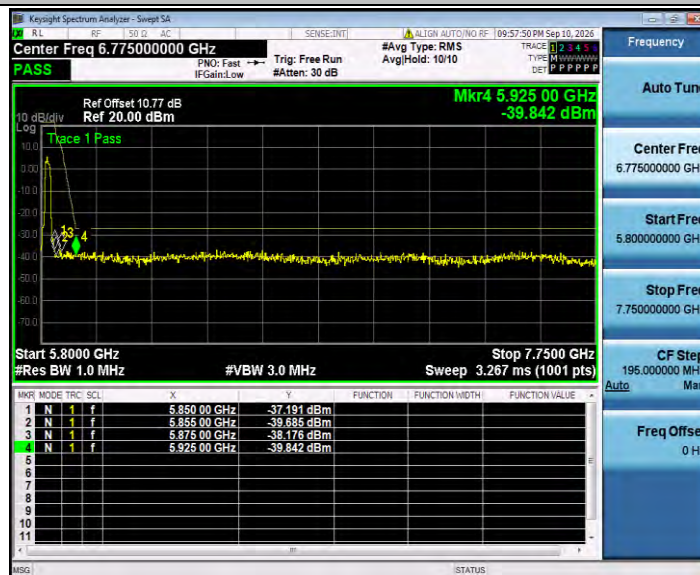


11A_Ant1_High_5825_Peak

11N20SISO_Ant1_Low_5745_Peak



11N20SISO_Ant1_High_5825_Peak



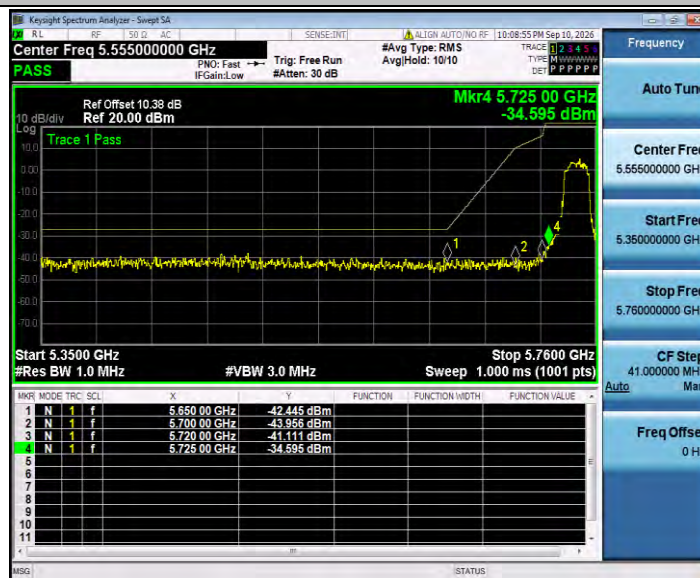
11N40SISO_Ant1_Low_5755_Peak



11N40SISO_Ant1_High_5795_Peak



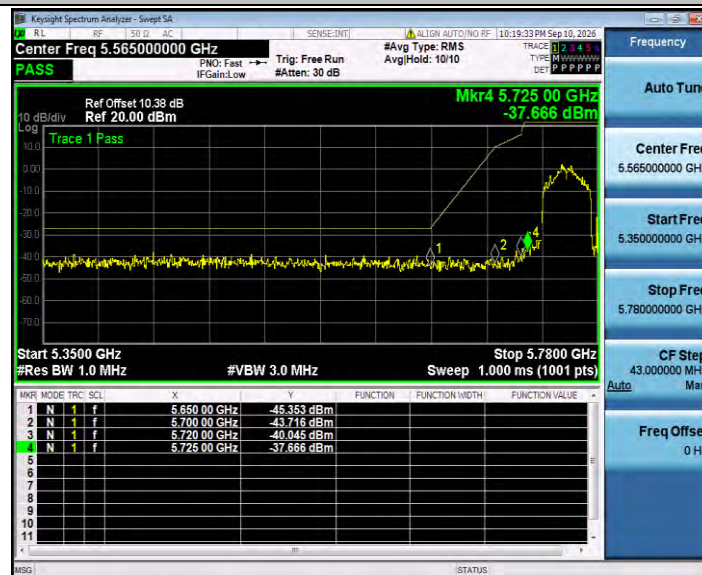
11AC20SISO_Ant1_Low_5745_Peak



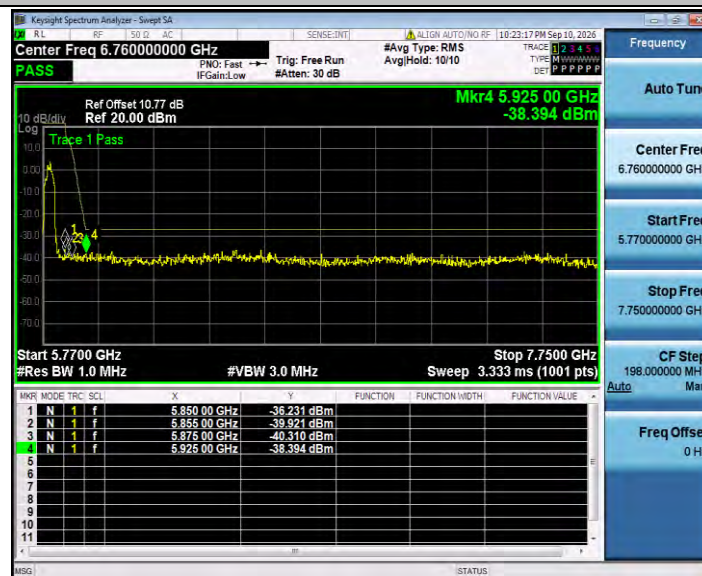
11AC20SISO_Ant1_High_5825_Peak



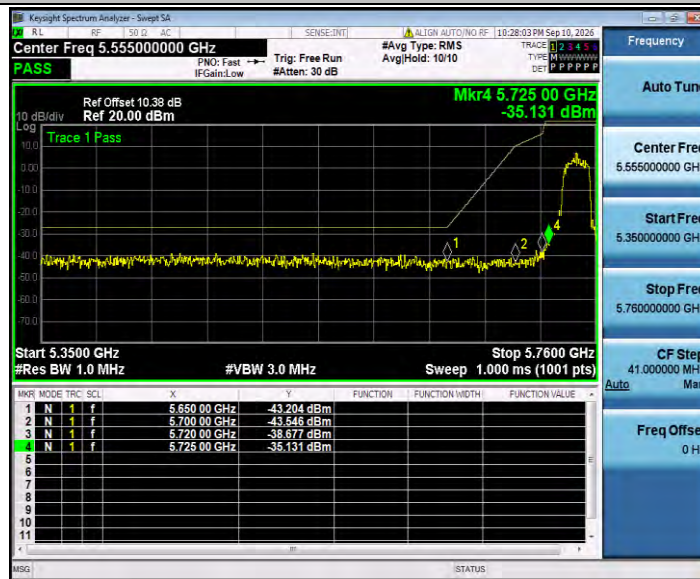
11AC40SISO_Ant1_Low_5755_Peak



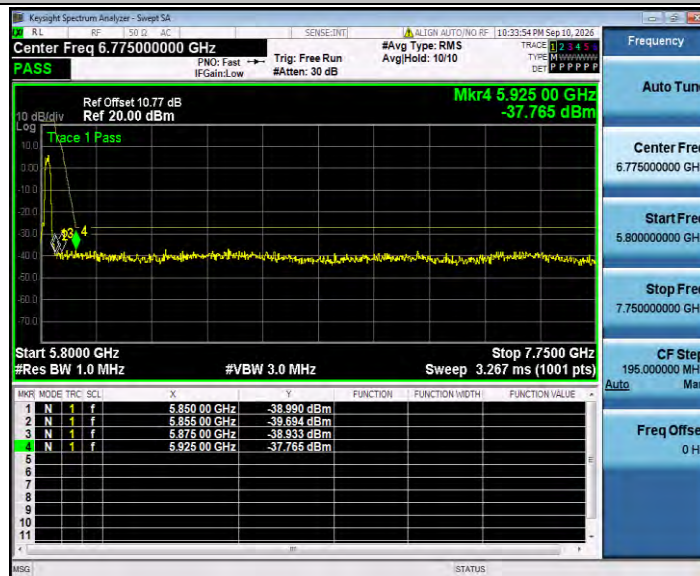
11AC40SISO_Ant1_High_5795_Peak



11AX20SISO_Ant1_Low_5745_Peak



11AX20SISO_Ant1_High_5825_Peak



11AX40SISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak

