

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	-38.65	≤-26.87	PASS
				5700~5720	-33.33	≤15.47	PASS
				5720~5725	-30.43	≤17.13	PASS
				5760~5650	-38.93	≤-27	PASS
		High	5825	5850~5855	-32.05	≤19.42	PASS
				5855~5875	-38.54	≤10.25	PASS
				5875~5925	-38.96	≤-26.71	PASS
				5925~5935	-38.08	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-40.18	≤-26.96	PASS
				5700~5720	-31.97	≤14.95	PASS
				5720~5725	-30.69	≤16.34	PASS
				5760~5650	-39.16	≤-27	PASS
		High	5825	5850~5855	-38.65	≤16.03	PASS
				5855~5875	-38.47	≤10.29	PASS
				5875~5925	-39.03	≤-26.81	PASS
				5925~5935	-37.23	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-40.26	≤-26.70	PASS
				5700~5720	-27	≤15.50	PASS
				5720~5725	-28.08	≤15.74	PASS
				5780~5650	-39.1	≤-27	PASS
		High	5795	5850~5855	-38.97	≤16.03	PASS
				5855~5875	-38.72	≤10.43	PASS
				5875~5925	-38.93	≤-26.71	PASS
				5925~5935	-37.61	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-39.85	≤-26.96	PASS
				5700~5720	-28.84	≤15.56	PASS
				5720~5725	-24.68	≤21.32	PASS
				5760~5650	-38.76	≤-27	PASS
		High	5825	5850~5855	-38.08	≤16.03	PASS
				5855~5875	-38.32	≤10.13	PASS
				5875~5925	-38.74	≤-26.41	PASS
				5925~5935	-37.66	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-39.48	≤-26.50	PASS
				5700~5720	-27.77	≤14.41	PASS
				5720~5725	-24.49	≤18.81	PASS
				5780~5650	-38.56	≤-27	PASS

		High	5795	5850~5855	-38.41	≤ 16.41	PASS
				5855~5875	-37.85	≤ 10.34	PASS
				5875~5925	-37.37	≤ -24.88	PASS
				5925~5935	-38.21	≤ -27	PASS
11AX20SI SO	Ant1	Low	5745	5650~5700	-38.83	≤ -26.62	PASS
				5700~5720	-27.99	≤ 15.14	PASS
				5720~5725	-28.14	≤ 17.65	PASS
				5760~5650	-37.92	≤ -27	PASS
	High	5825		5850~5855	-36.5	≤ 16.65	PASS
				5855~5875	-37.69	≤ 10.66	PASS
				5875~5925	-38.8	≤ -26.61	PASS
				5925~5935	-36.74	≤ -27	PASS
11AX40SI SO	Ant1	Low	5755	5650~5700	-39.52	≤ -26.00	PASS
				5700~5720	-25.99	≤ 15.54	PASS
				5720~5725	-26.45	≤ 15.74	PASS
				5780~5650	-39.2	≤ -27	PASS
	High	5795		5850~5855	-37.82	≤ 15.66	PASS
				5855~5875	-37.31	≤ 10.34	PASS
				5875~5925	-38.27	≤ -26.83	PASS
				5925~5935	-37.88	≤ -27	PASS

Test GraphsB4





11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



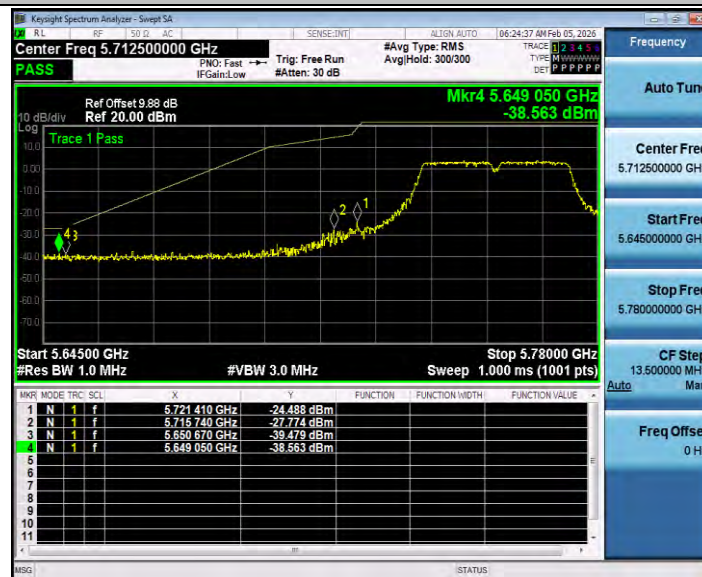
11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



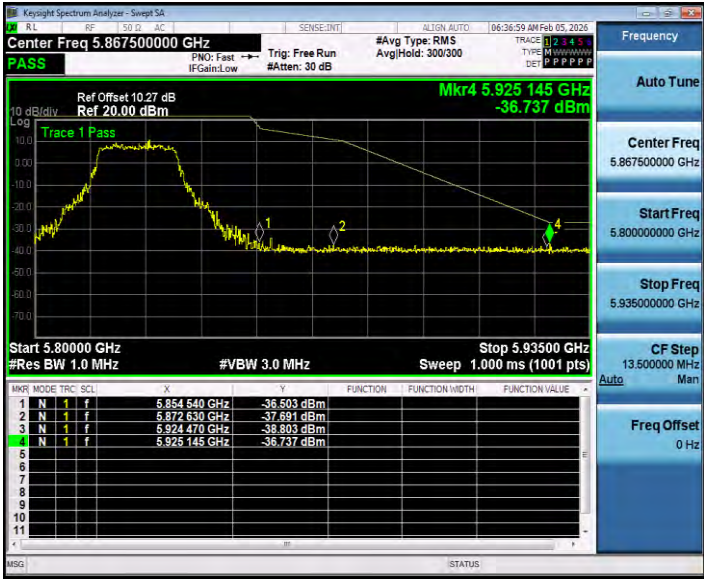
11AC40SISO_Ant1_High_5795



11AX20SISO_Ant1_Low_5745



11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755



11AX40SISO_Ant1_High_5795



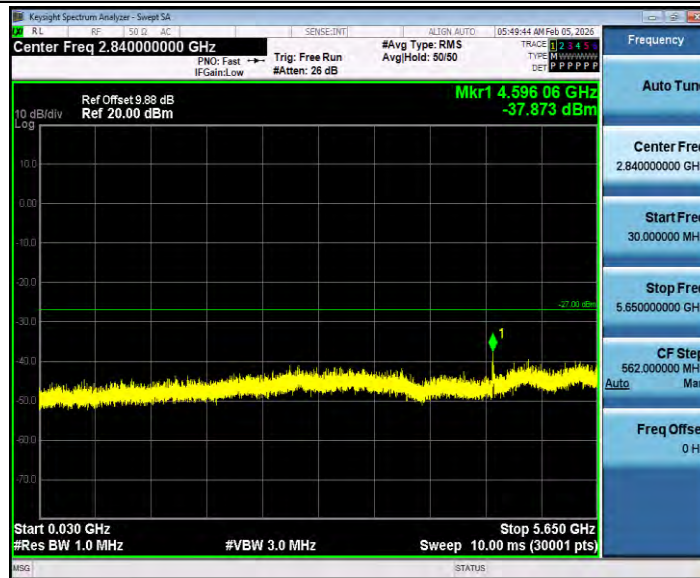
Appendix E.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	4596.06	-37.87	≤-27	PASS
			5925~27000	26950.83	-31.26	≤-27	PASS
		5785	30~5650	4628.1	-35.65	≤-27	PASS
			5925~27000	26549.7	-31.16	≤-27	PASS
		5825	30~5650	4660.32	-36.52	≤-27	PASS
			5925~27000	24845.43	-31.46	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4596.25	-38.93	≤-27	PASS
			5925~27000	23537.38	-31.79	≤-27	PASS
		5785	30~5650	4628.1	-36.66	≤-27	PASS
			5925~27000	26016.5	-31.69	≤-27	PASS
		5825	30~5650	4659.94	-36.34	≤-27	PASS
			5925~27000	25285.2	-31.23	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	4621.35	-36.35	≤-27	PASS
			5925~27000	24271.49	-30.57	≤-27	PASS
		5795	30~5650	4650.95	-35.63	≤-27	PASS
			5925~27000	26593.96	-31.23	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	4596.06	-38.43	≤-27	PASS
			5925~27000	26839.83	-31.53	≤-27	PASS
		5785	30~5650	4628.28	-35.08	≤-27	PASS
			5925~27000	24212.48	-31.41	≤-27	PASS
		5825	30~5650	4660.32	-36.37	≤-27	PASS
			5925~27000	24277.11	-30.55	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	4621.91	-35.52	≤-27	PASS
			5925~27000	26007.37	-32.06	≤-27	PASS
		5795	30~5650	4652.64	-34.37	≤-27	PASS
			5925~27000	26790.66	-31.28	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	4596.25	-38.87	≤-27	PASS
			5925~27000	25201.6	-31.8	≤-27	PASS
		5785	30~5650	4619.85	-35.64	≤-27	PASS
			5925~27000	23679.28	-31.49	≤-27	PASS
		5825	30~5650	4660.32	-35.77	≤-27	PASS
			5925~27000	26527.92	-30.8	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	4621.73	-36.87	≤-27	PASS
			5925~27000	25060.4	-32.09	≤-27	PASS
		5795	30~5650	4654.51	-35.47	≤-27	PASS
			5925~27000	26472.42	-31.26	≤-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



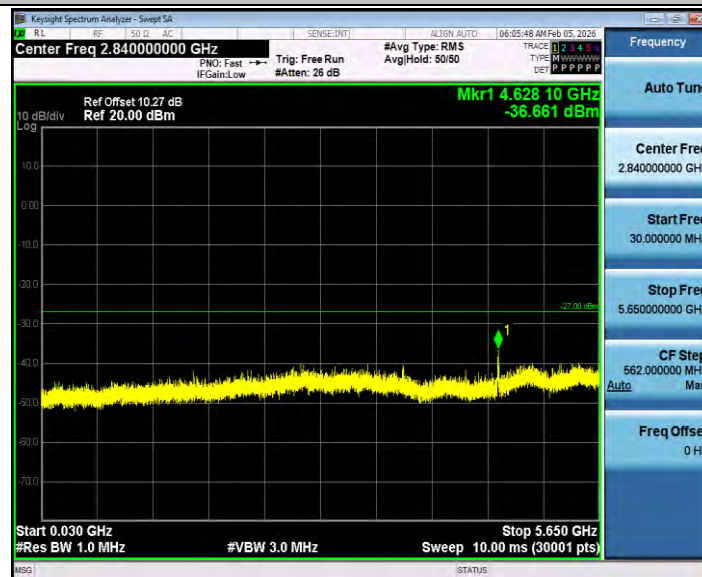
11N20SISO_Ant1_5745_30~5650



11N20SISO_Ant1_5745_5925~27000



11N20SISO_Ant1_5785_30~5650



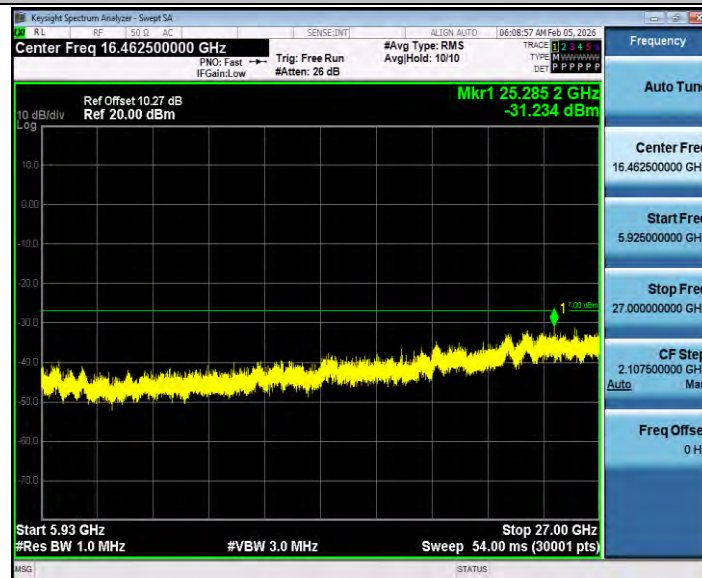
11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



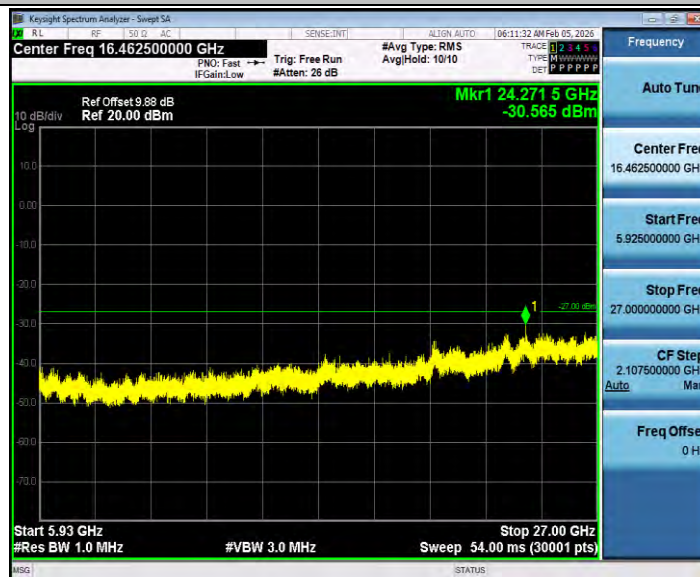
11N20SISO_Ant1_5825_5925~27000



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



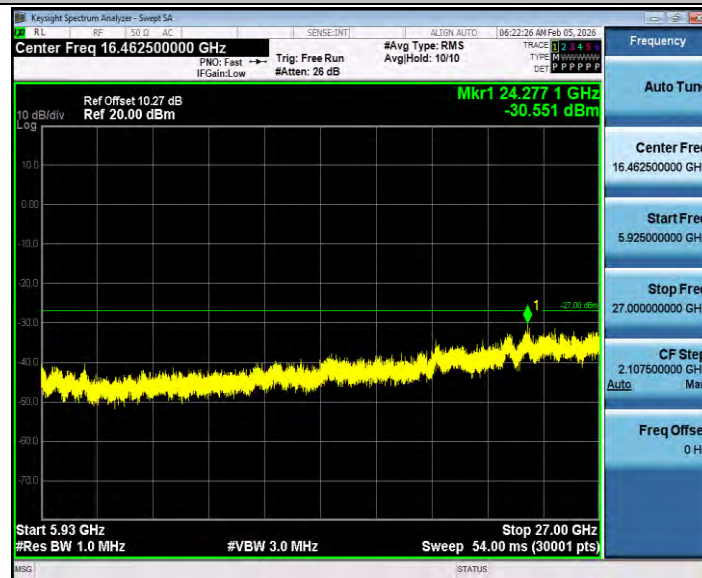
11AC20SISO_Ant1_5785_5925~27000



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



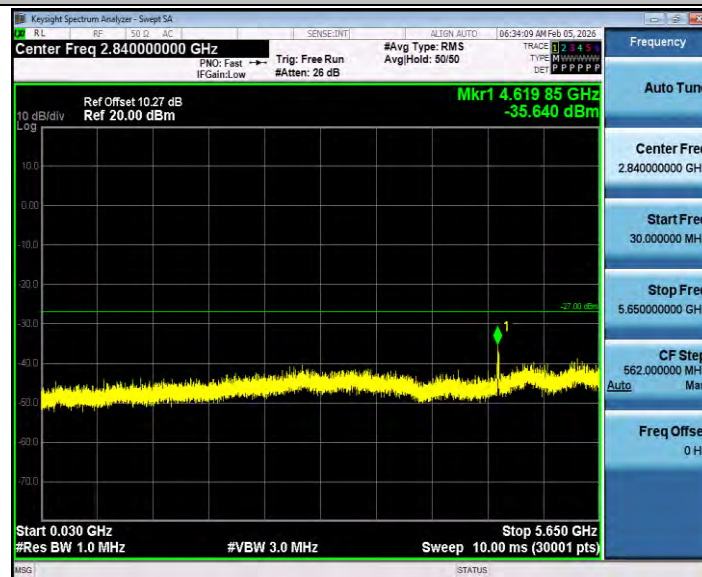
11AX20SISO_Ant1_5745_30~5650



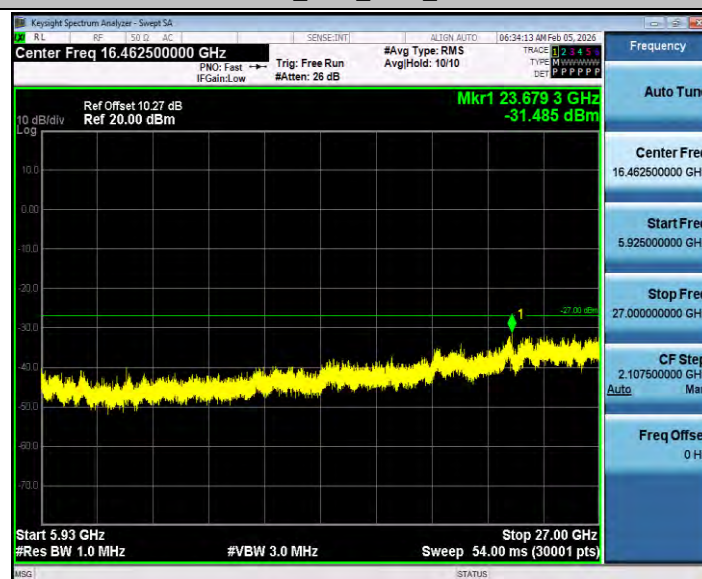
11AX20SISO_Ant1_5745_5925~27000



11AX20SISO_Ant1_5785_30~5650



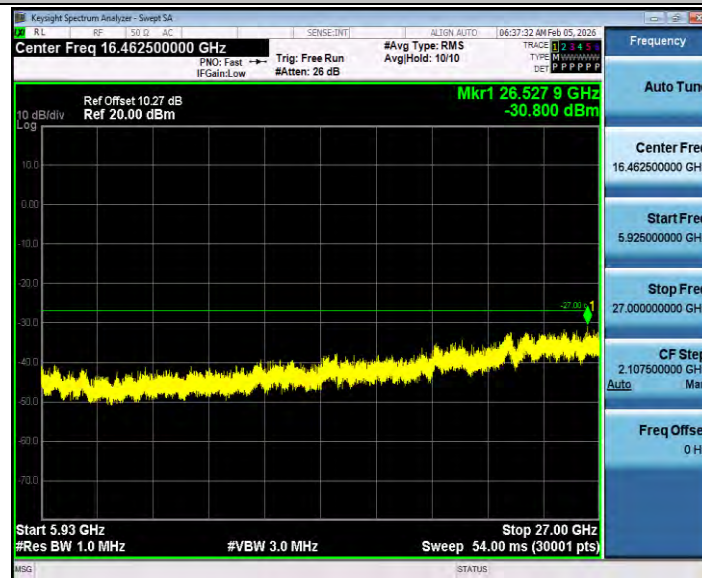
11AX20SISO_Ant1_5785_5925~27000



11AX20SISO_Ant1_5825_30~5650



11AX20SISO_Ant1_5825_5925~27000



11AX40SISO_Ant1_5755_30~5650

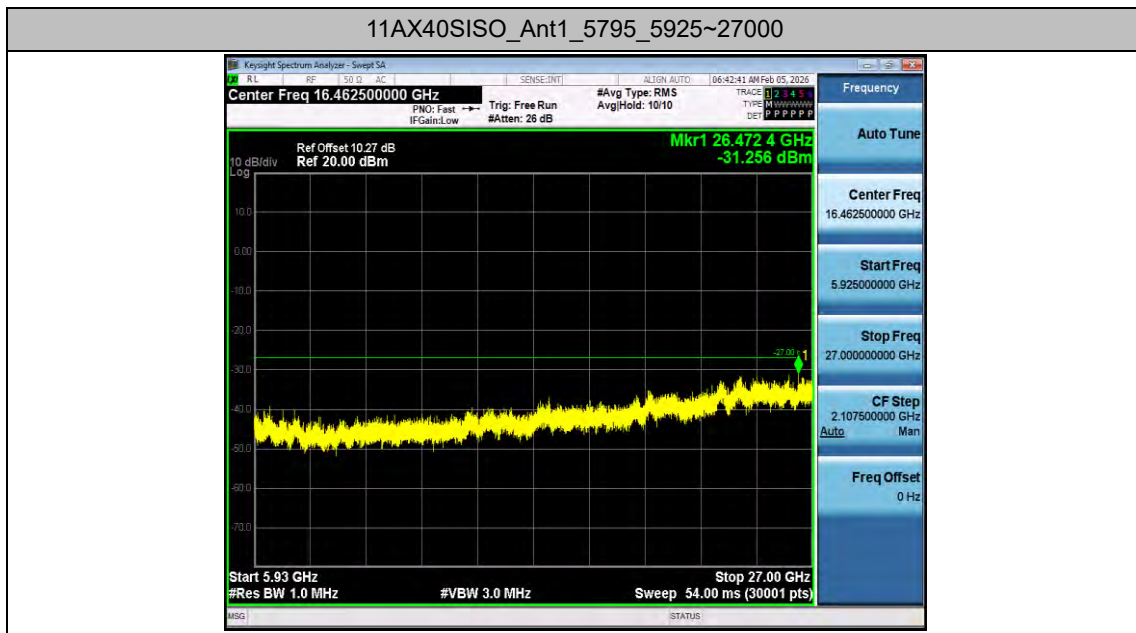


11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650





Appendix E.8:Emissions in Restricted Bands

Test Result

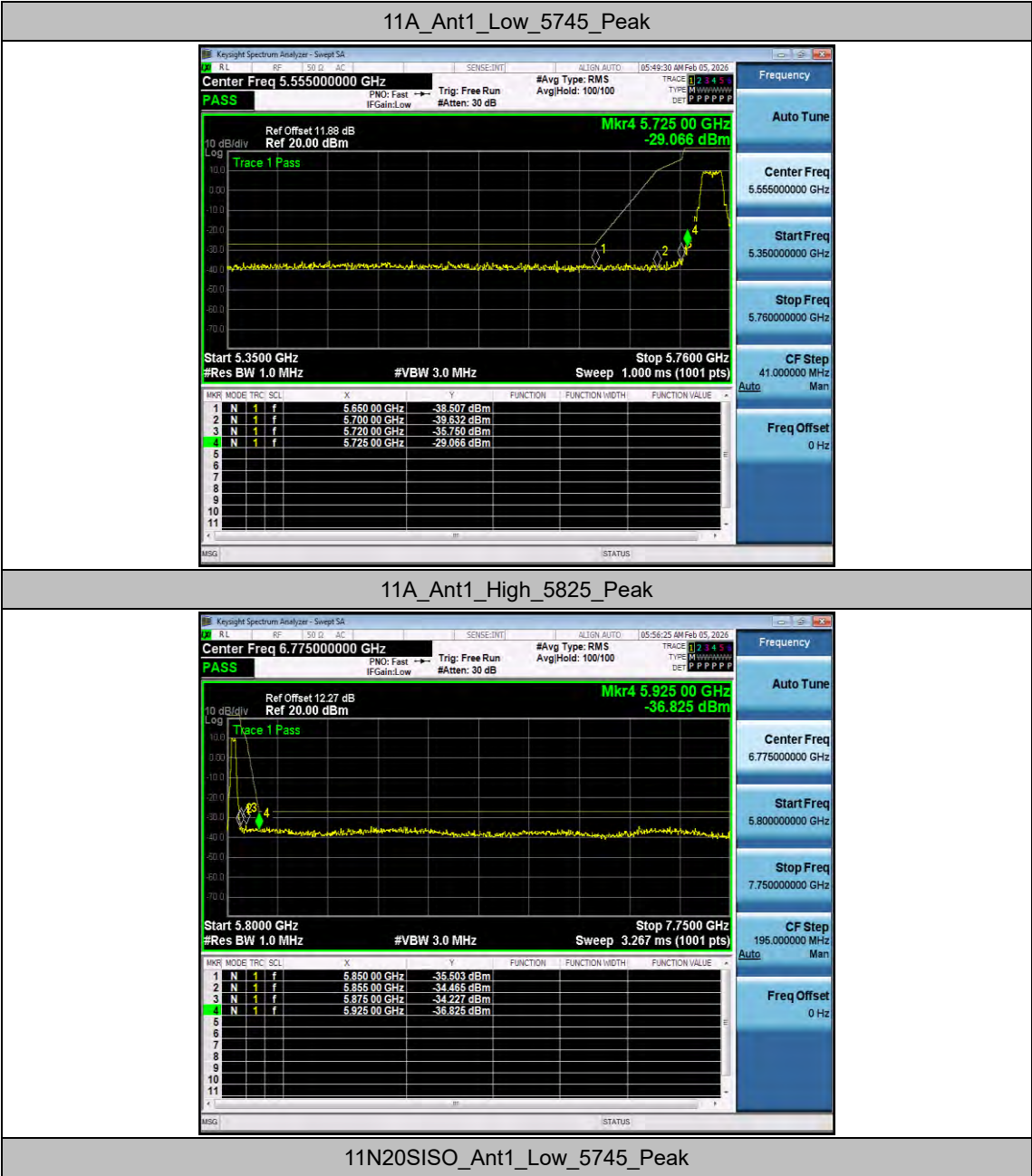
TestMode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-38.507	≤-27.00	---	---	PASS
				Peak	5700.000	-39.63	≤10.00	---	---	PASS
				Peak	5720.000	-35.75	≤15.60	---	---	PASS
				Peak	5725.000	-29.07	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-35.503	≤27.00	---	---	PASS
				Peak	5855.000	-34.47	≤15.60	---	---	PASS
				Peak	5875.000	-34.23	≤10.00	---	---	PASS
				Peak	5925.000	-36.83	≤-27.00	- - -	- - -	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-39.845	≤-27.00	---	---	PASS
				Peak	5700.000	-38.81	≤10.00	---	---	PASS
				Peak	5720.000	-35.16	≤15.60	---	---	PASS
				Peak	5725.000	-27.67	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-35.435	≤27.00	---	---	PASS
				Peak	5855.000	-36.19	≤15.60	---	---	PASS
				Peak	5875.000	-36.04	≤10.00	---	---	PASS
				Peak	5925.000	-35.32	≤-27.00	- - -	- - -	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-40.22	≤-27.00	---	---	PASS
				Peak	5700.000	-37.76	≤10.00	---	---	PASS
				Peak	5720.000	-31.37	≤15.60	---	---	PASS
				Peak	5725.000	-29.73	≤27.00	- - -	- - -	PASS
		High	5795	Peak	5850.000	-35.374	≤27.00	---	---	PASS
				Peak	5855.000	-35.99	≤15.60	---	---	PASS
				Peak	5875.000	-35.34	≤10.00	---	---	PASS
				Peak	5925.000	-36.08	≤-27.00	- - -	- - -	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-37.741	≤-27.00	---	---	PASS
				Peak	5700.000	-38.88	≤10.00	---	---	PASS
				Peak	5720.000	-32.71	≤15.60	---	---	PASS
				Peak	5725.000	-27.98	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-36.548	≤27.00	---	---	PASS
				Peak	5855.000	-36.71	≤15.60	---	---	PASS
				Peak	5875.000	-36.56	≤10.00	---	---	PASS
				Peak	5925.000	-36.05	≤-27.00	- - -	- - -	PASS
11AC40SISO	Ant1	Low	5755	Peak	5650.000	-39.393	≤-27.00	---	---	PASS
				Peak	5700.000	-37.87	≤10.00	---	---	PASS
				Peak	5720.000	-27.48	≤15.60	---	---	PASS
				Peak	5725.000	-24.92	≤27.00	- - -	- - -	PASS

		High	5795	Peak	5850.000	-36.34	≤ 27.00	---	---	PASS
				Peak	5855.000	-35.8	≤ 15.60	---	---	PASS
				Peak	5875.000	-37.15	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.22	≤ -27.00	- - -	- - -	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-37.705	≤ -27.00	---	---	PASS
				Peak	5700.000	-39.19	≤ 10.00	---	---	PASS
				Peak	5720.000	-32.7	≤ 15.60	---	---	PASS
				Peak	5725.000	-26.32	≤ 27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-28.188	≤ 27.00	---	---	PASS
				Peak	5855.000	-36.91	≤ 15.60	---	---	PASS
				Peak	5875.000	-36.2	≤ 10.00	---	---	PASS
				Peak	5925.000	-36.37	≤ -27.00	- - -	- - -	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-40.615	≤ -27.00	---	---	PASS
				Peak	5700.000	-36.2	≤ 10.00	---	---	PASS
				Peak	5720.000	-31.32	≤ 15.60	---	---	PASS
				Peak	5725.000	-30.37	≤ 27.00	- - -	- - -	PASS
		High	5795	Peak	5850.000	-34.585	≤ 27.00	---	---	PASS
				Peak	5855.000	-36.45	≤ 15.60	---	---	PASS
				Peak	5875.000	-36.39	≤ 10.00	---	---	PASS
				Peak	5925.000	-35.04	≤ -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



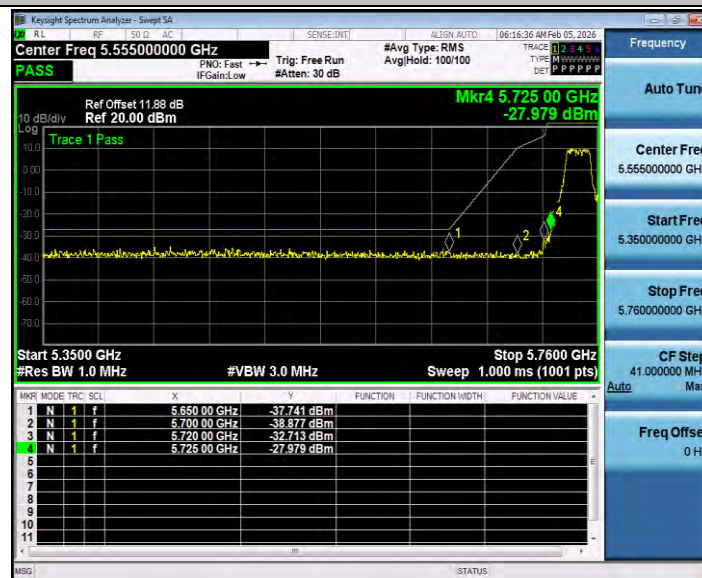
11N40SISO_Ant1_Low_5755_Peak



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



11AX40SISO_Ant1_High_5795_Peak

