

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	-40.01	≤-26.87	PASS
				5700~5720	-28.78	≤14.69	PASS
				5720~5725	-27.17	≤16.60	PASS
				5760~5650	-39.96	≤-27	PASS
		High	5825	5850~5855	-26.26	≤19.11	PASS
				5855~5875	-28.08	≤15.35	PASS
				5875~5925	-38.43	≤-26.31	PASS
				5925~5935	-37.6	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-40.1	≤-26.87	PASS
				5700~5720	-28.2	≤15.47	PASS
				5720~5725	-27.99	≤15.82	PASS
				5760~5650	-38.83	≤-27	PASS
		High	5825	5850~5855	-28.07	≤16.34	PASS
				5855~5875	-27.91	≤13.54	PASS
				5875~5925	-38.74	≤-26.51	PASS
				5925~5935	-38.46	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-39.52	≤-26.40	PASS
				5700~5720	-22.96	≤12.74	PASS
				5720~5725	-22.3	≤15.74	PASS
				5780~5650	-39.24	≤-27	PASS
		High	5795	5850~5855	-29.57	≤18.67	PASS
				5855~5875	-31.42	≤15.28	PASS
				5875~5925	-38.97	≤-26.71	PASS
				5925~5935	-38.2	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-40.73	≤-26.53	PASS
				5700~5720	-26.23	≤15.53	PASS
				5720~5725	-24.54	≤17.39	PASS
				5760~5650	-38.88	≤-27	PASS
		High	5825	5850~5855	-27.35	≤15.73	PASS
				5855~5875	-26.87	≤13.91	PASS
				5875~5925	-38.3	≤-25.91	PASS
				5925~5935	-37.97	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-40.05	≤-26.90	PASS
				5700~5720	-21.94	≤15.31	PASS
				5720~5725	-19.31	≤20.97	PASS
				5780~5650	-39.87	≤-27	PASS

		High	5795	5850~5855	-31.51	≤ 17.16	PASS
				5855~5875	-35.57	≤ 12.14	PASS
				5875~5925	-39.64	≤ -26.83	PASS
				5925~5935	-37.65	≤ -27	PASS
11AX20SISO	Ant1	Low	5745	5650~5700	-39.69	≤ -26.45	PASS
				5700~5720	-26.09	≤ 15.40	PASS
				5720~5725	-21.33	≤ 19.23	PASS
				5760~5650	-40.02	≤ -27	PASS
		High	5825	5850~5855	-27.16	≤ 16.34	PASS
				5855~5875	-29.57	≤ 11.87	PASS
				5875~5925	-37.8	≤ -25.91	PASS
				5925~5935	-37.62	≤ -27	PASS
11AX40SISO	Ant1	Low	5755	5650~5700	-39.81	≤ -26.50	PASS
				5700~5720	-22.86	≤ 14.18	PASS
				5720~5725	-24.35	≤ 17.28	PASS
				5780~5650	-39	≤ -27	PASS
		High	5795	5850~5855	-31.08	≤ 17.91	PASS
				5855~5875	-33.76	≤ 12.70	PASS
				5875~5925	-40.37	≤ -26.95	PASS
				5925~5935	-38.71	≤ -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	5417.89	-41	≤-27	PASS
			5925~27000	24303.1	-32.02	≤-27	PASS
		5785	30~5650	5398.79	-39.91	≤-27	PASS
			5925~27000	26920.62	-31.6	≤-27	PASS
		5825	30~5650	5508.75	-39.37	≤-27	PASS
			5925~27000	26674.74	-31.05	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5428.2	-40.25	≤-27	PASS
			5925~27000	24236.37	-31.65	≤-27	PASS
		5785	30~5650	2668.22	-40.24	≤-27	PASS
			5925~27000	23469.94	-30.87	≤-27	PASS
		5825	30~5650	5499.76	-40.59	≤-27	PASS
			5925~27000	24227.23	-31.42	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	2656.79	-40.18	≤-27	PASS
			5925~27000	25190.36	-32.3	≤-27	PASS
		5795	30~5650	5444.5	-39.58	≤-27	PASS
			5925~27000	25648.39	-31.48	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5432.51	-40.43	≤-27	PASS
			5925~27000	24284.84	-31.97	≤-27	PASS
		5785	30~5650	5438.88	-38.01	≤-27	PASS
			5925~27000	25983.48	-31.99	≤-27	PASS
		5825	30~5650	5475.41	-39.9	≤-27	PASS
			5925~27000	24844.03	-31.29	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5492.08	-40.65	≤-27	PASS
			5925~27000	26981.03	-32.41	≤-27	PASS
		5795	30~5650	5461.92	-39.99	≤-27	PASS
			5925~27000	25122.92	-31.22	≤-27	PASS
11AX20SISO	Ant1	5745	30~5650	4899.17	-40.1	≤-27	PASS
			5925~27000	24244.8	-32.33	≤-27	PASS
		5785	30~5650	3177.95	-39.83	≤-27	PASS
			5925~27000	23594.98	-31.52	≤-27	PASS
		5825	30~5650	4977.85	-39.25	≤-27	PASS
			5925~27000	25674.38	-31.9	≤-27	PASS
11AX40SISO	Ant1	5755	30~5650	5373.87	-40.35	≤-27	PASS
			5925~27000	24237.07	-32.01	≤-27	PASS
		5795	30~5650	5507.44	-40	≤-27	PASS
			5925~27000	24705.64	-31.42	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



11A_Ant1_5785_30~5650



11A_Ant1_5785_5925~27000



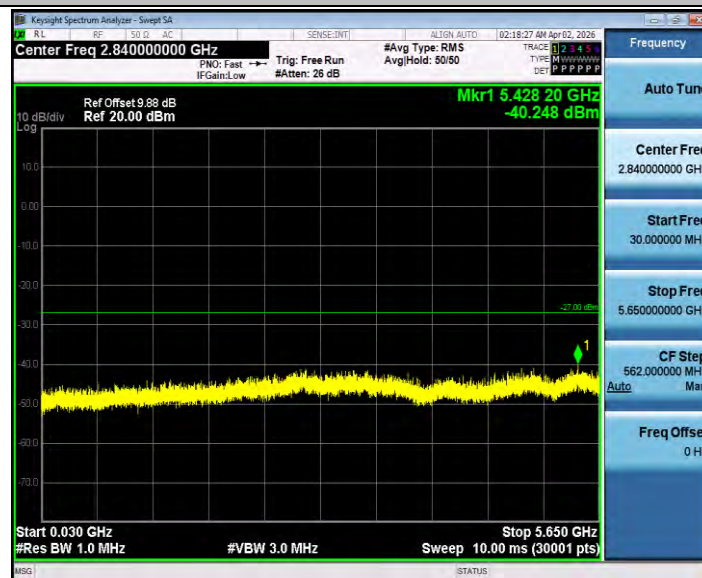
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



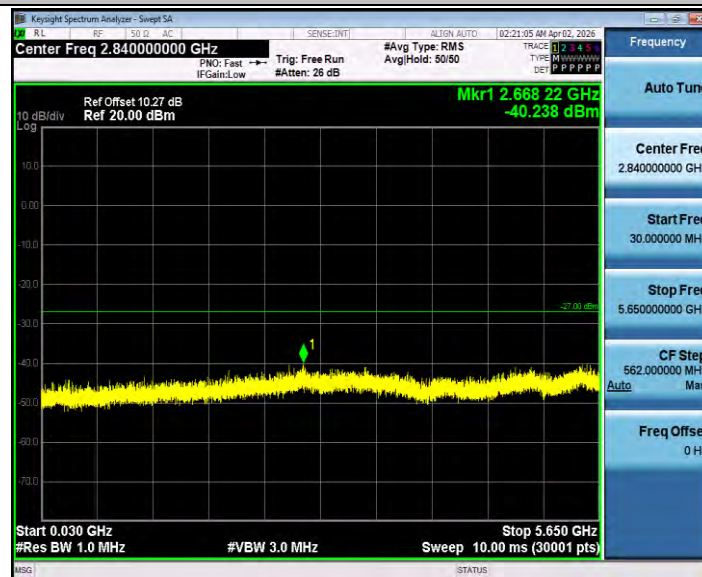
11N20SISO_Ant1_5745_30~5650



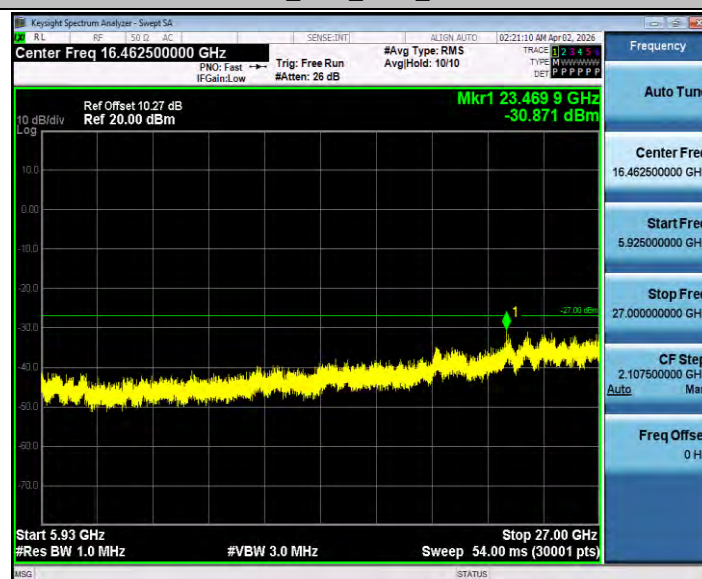
11N20SISO_Ant1_5745_5925~27000



11N20SISO_Ant1_5785_30~5650



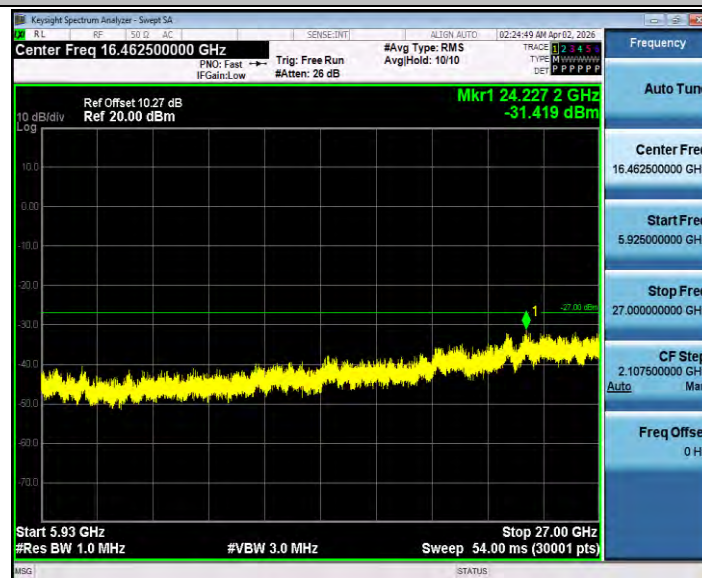
11N20SISO_Ant1_5785_5925~27000



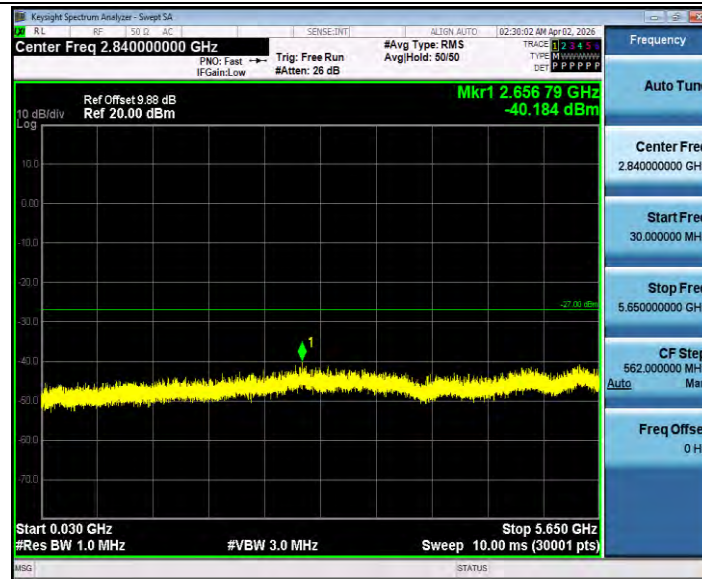
11N20SISO_Ant1_5825_30~5650



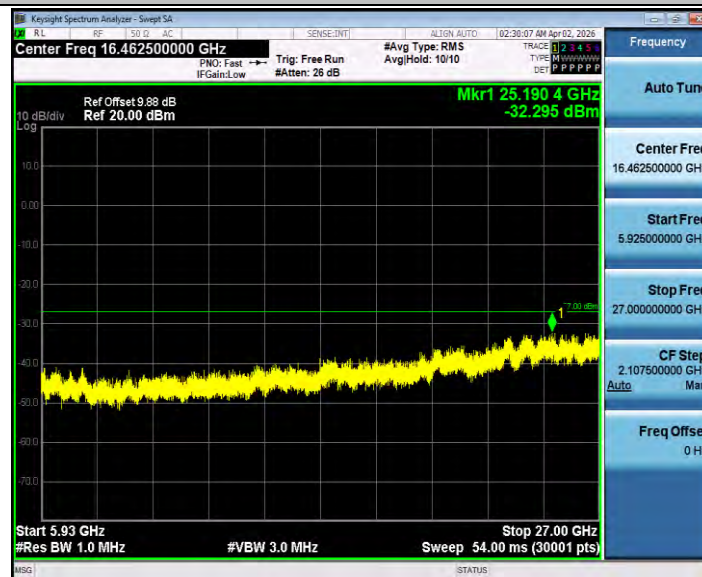
11N20SISO_Ant1_5825_5925~27000



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



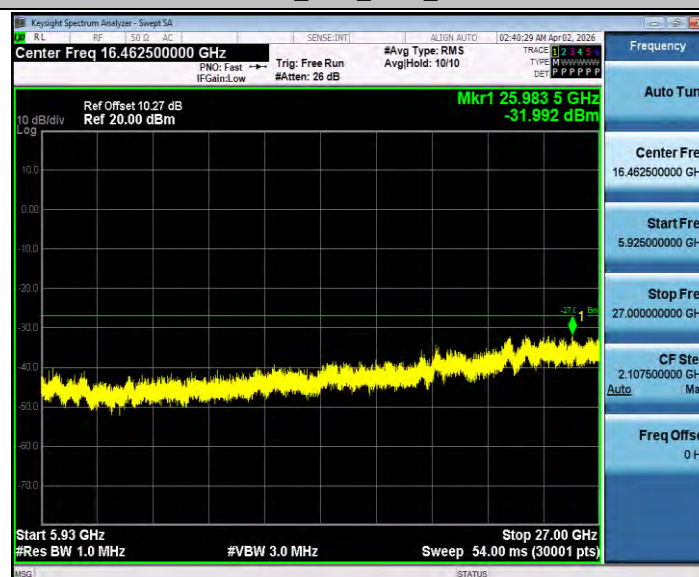
11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



11AC20SISO_Ant1_5785_5925~27000



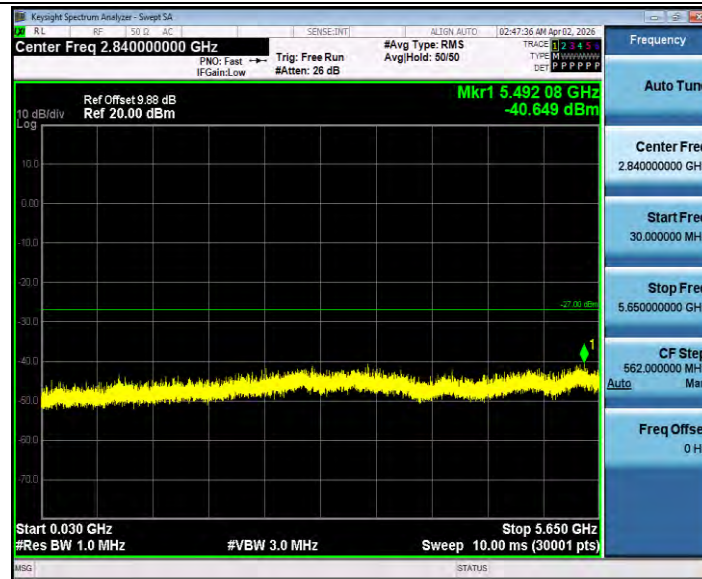
11AC20SISO_Ant1_5825_30~5650



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



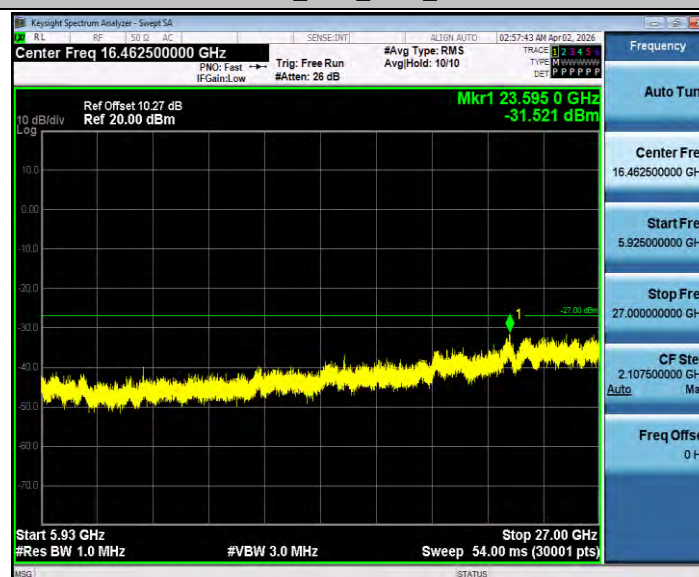
11AX20SISO_Ant1_5745_5925~27000



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

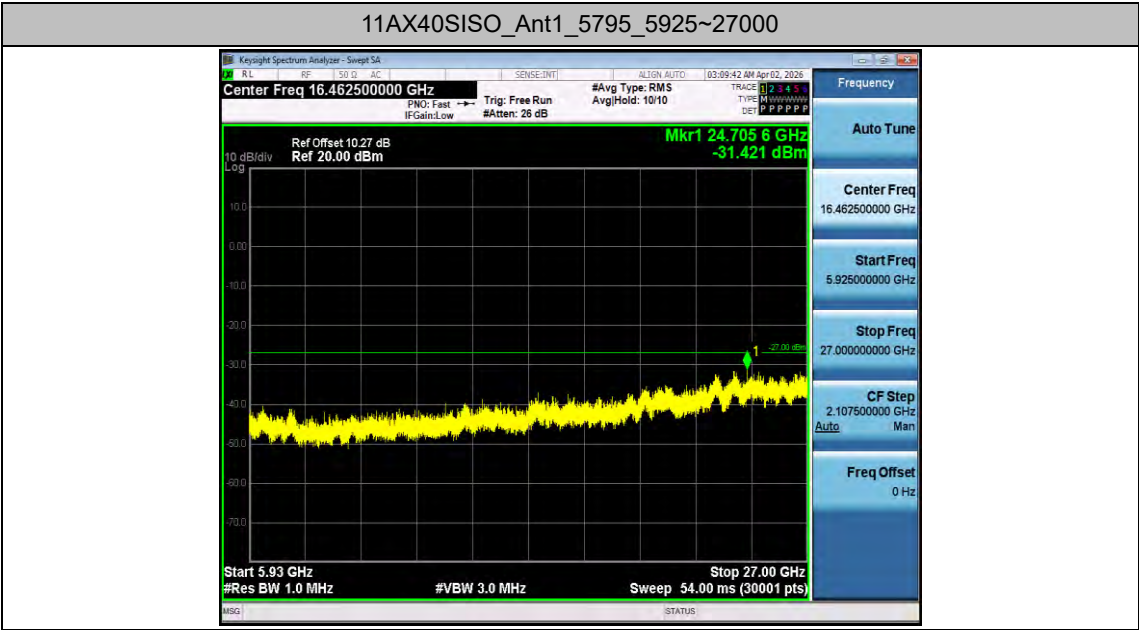


11AX40SISO_Ant1_5755_5925~27000



11AX40SISO_Ant1_5795_30~5650





Appendix E.8:Emissions in Restricted Bands

Test Result

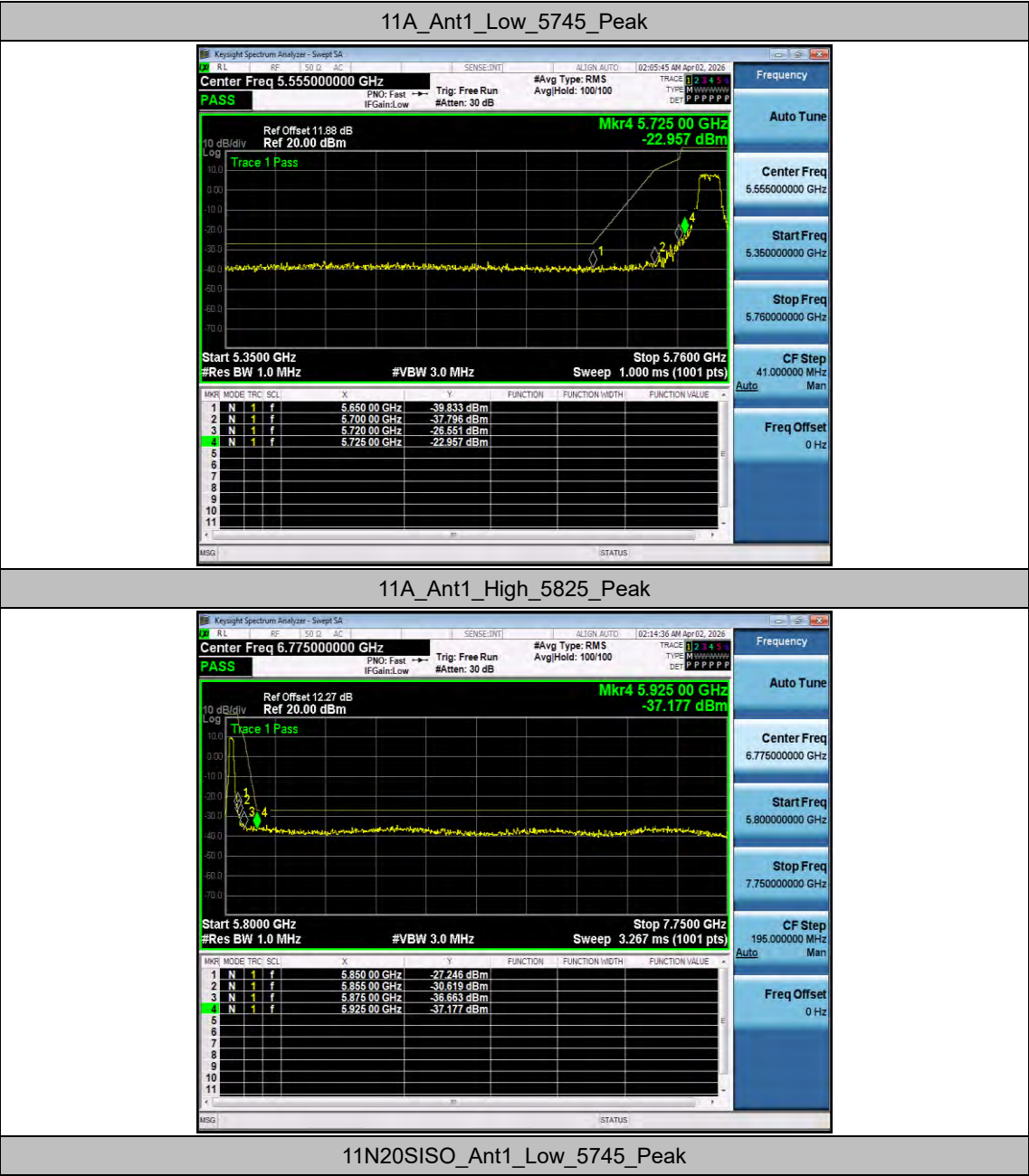
TestMode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-39.833	≤-27.00	---	---	PASS
				Peak	5700.000	-37.8	≤10.00	---	---	PASS
				Peak	5720.000	-26.55	≤15.60	---	---	PASS
				Peak	5725.000	-22.96	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-27.246	≤27.00	---	---	PASS
				Peak	5855.000	-30.62	≤15.60	---	---	PASS
				Peak	5875.000	-36.66	≤10.00	---	---	PASS
				Peak	5925.000	-37.18	≤-27.00	- - -	- - -	PASS
11N20SIS O	Ant1	Low	5745	Peak	5650.000	-39.262	≤-27.00	---	---	PASS
				Peak	5700.000	-37.06	≤10.00	---	---	PASS
				Peak	5720.000	-30.56	≤15.60	---	---	PASS
				Peak	5725.000	-23.17	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-27.31	≤27.00	---	---	PASS
				Peak	5855.000	-29.91	≤15.60	---	---	PASS
				Peak	5875.000	-36.02	≤10.00	---	---	PASS
				Peak	5925.000	-36.69	≤-27.00	- - -	- - -	PASS
11N40SIS O	Ant1	Low	5755	Peak	5650.000	-39.908	≤-27.00	---	---	PASS
				Peak	5700.000	-38.28	≤10.00	---	---	PASS
				Peak	5720.000	-27.9	≤15.60	---	---	PASS
				Peak	5725.000	-23.1	≤27.00	- - -	- - -	PASS
		High	5795	Peak	5850.000	-30.926	≤27.00	---	---	PASS
				Peak	5855.000	-32.71	≤15.60	---	---	PASS
				Peak	5875.000	-36.75	≤10.00	---	---	PASS
				Peak	5925.000	-35.97	≤-27.00	- - -	- - -	PASS
11AC20SI SO	Ant1	Low	5745	Peak	5650.000	-39.37	≤-27.00	---	---	PASS
				Peak	5700.000	-37.22	≤10.00	---	---	PASS
				Peak	5720.000	-29.15	≤15.60	---	---	PASS
				Peak	5725.000	-24.86	≤27.00	- - -	- - -	PASS
		High	5825	Peak	5850.000	-25.248	≤27.00	---	---	PASS
				Peak	5855.000	-27.21	≤15.60	---	---	PASS
				Peak	5875.000	-34.25	≤10.00	---	---	PASS
				Peak	5925.000	-36.05	≤-27.00	- - -	- - -	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-38.599	≤-27.00	---	---	PASS
				Peak	5700.000	-36.48	≤10.00	---	---	PASS
				Peak	5720.000	-25.81	≤15.60	---	---	PASS
				Peak	5725.000	-22.03	≤27.00	- - -	- - -	PASS

		High	5795	Peak	5850.000	-29.519	≤27.00	---	---	PASS
				Peak	5855.000	-32.26	≤15.60	---	---	PASS
				Peak	5875.000	-37.72	≤10.00	---	---	PASS
				Peak	5925.000	-35.79	≤-27.00	- --	- --	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-41.062	≤-27.00	---	---	PASS
				Peak	5700.000	-37.05	≤10.00	---	---	PASS
				Peak	5720.000	-27.32	≤15.60	---	---	PASS
				Peak	5725.000	-21	≤27.00	- --	- --	PASS
		High	5825	Peak	5850.000	-23.941	≤27.00	---	---	PASS
				Peak	5855.000	-27.62	≤15.60	---	---	PASS
				Peak	5875.000	-36.51	≤10.00	---	---	PASS
				Peak	5925.000	-36.51	≤-27.00	- --	- --	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-38.106	≤-27.00	---	---	PASS
				Peak	5700.000	-33.9	≤10.00	---	---	PASS
				Peak	5720.000	-24.11	≤15.60	---	---	PASS
				Peak	5725.000	-22.41	≤27.00	- --	- --	PASS
		High	5795	Peak	5850.000	-27.574	≤27.00	---	---	PASS
				Peak	5855.000	-31.49	≤15.60	---	---	PASS
				Peak	5875.000	-35.23	≤10.00	---	---	PASS
				Peak	5925.000	-36.75	≤-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



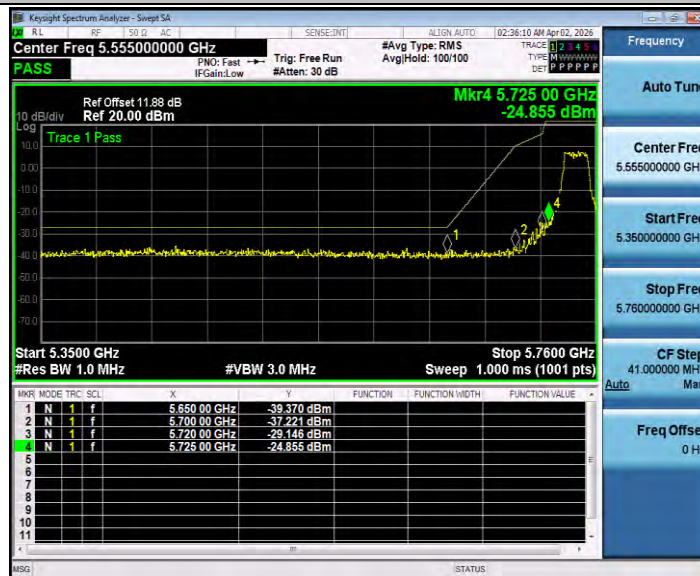
11N40SISO_Ant1_Low_5755_Peak



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



11AX40ISO_Ant1_High_5795_Peak

