

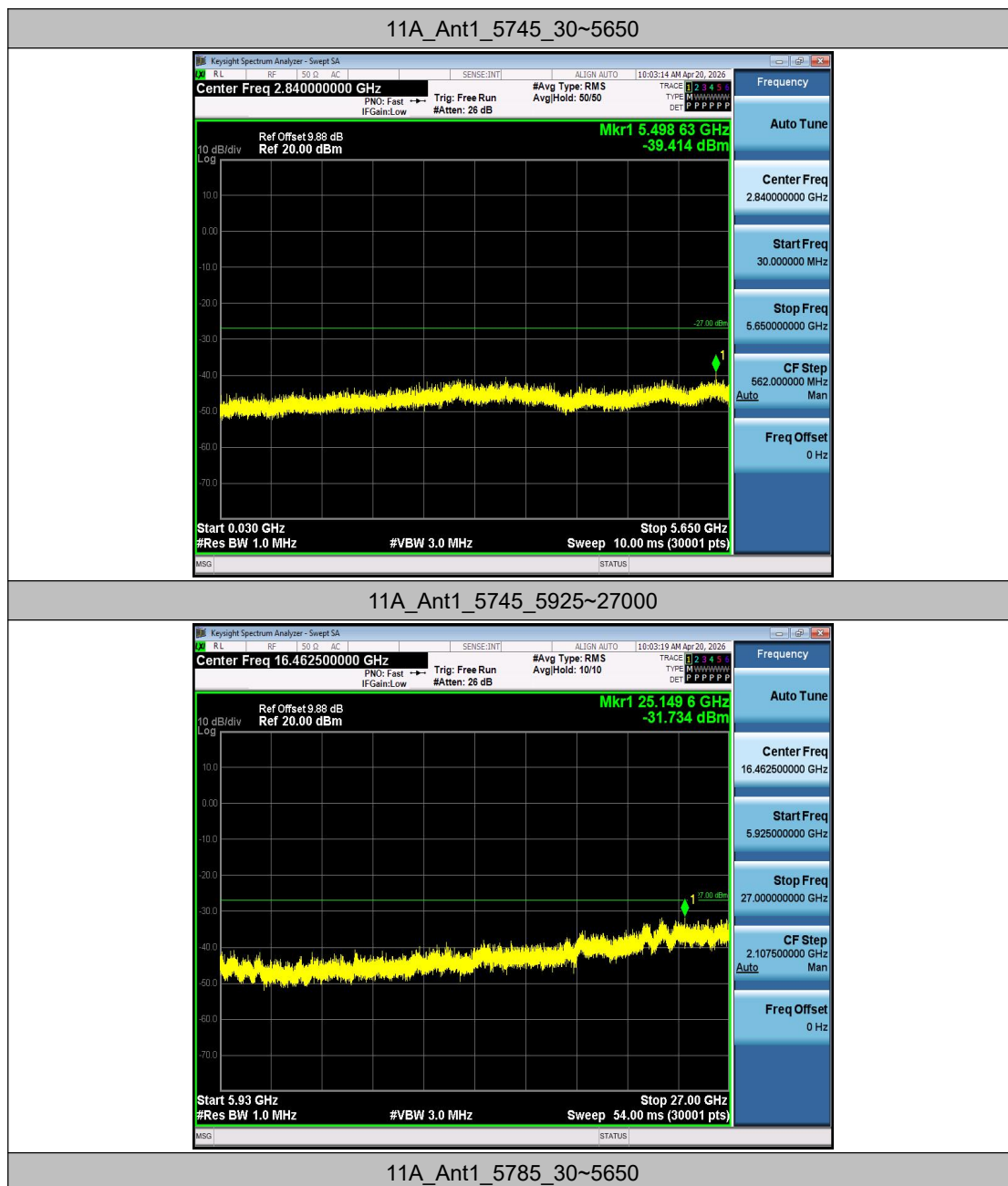


Appendix D.7: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5498.63	-39.41	≤-27	PASS
			5925~27000	25149.62	-31.73	≤-27	PASS
		5785	30~5650	5600.73	-38.25	≤-27	PASS
			5925~27000	26928.35	-31.69	≤-27	PASS
		5825	30~5650	3007.66	-40.01	≤-27	PASS
			5925~27000	24279.22	-31.57	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5510.81	-40.04	≤-27	PASS
			5925~27000	24925.52	-31.32	≤-27	PASS
		5785	30~5650	2831.94	-40.17	≤-27	PASS
			5925~27000	26517.38	-30.83	≤-27	PASS
		5825	30~5650	5634.45	-39.63	≤-27	PASS
			5925~27000	24285.54	-31.17	≤-27	PASS

Test Graphs





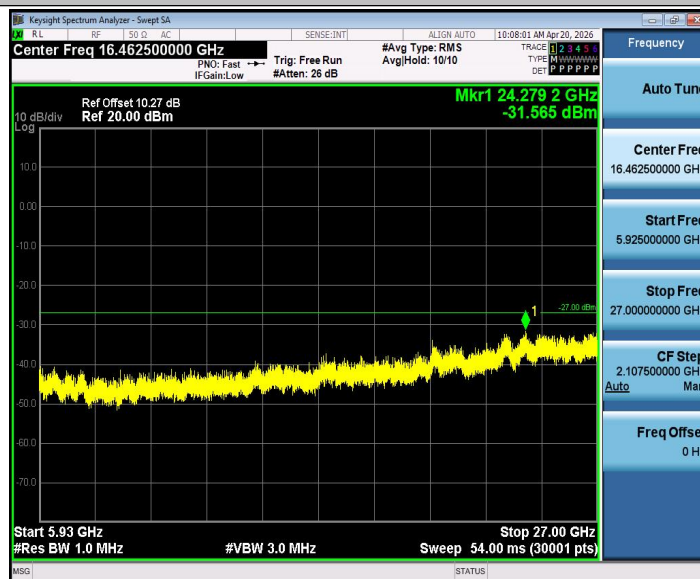
11A_Ant1_5785_5925~27000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



11N20SISO_Ant1_5745_5925~27000



11N20ISO_Ant1_5785_30~5650



11N20ISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~27000



Appendix D.8: Emissions in Restricted Bands

Test Result

Test Mode	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	-39.315	≤-27.00	---	---	PASS
				Peak	5700.000	-27.99	≤10.00	---	---	PASS
				Peak	5720.000	-16.17	≤15.60	---	---	PASS
				Peak	5725.000	-13.8	≤27.00	- --	- --	PASS
		High	5825	Peak	5850.000	-16.668	≤27.00	---	---	PASS
				Peak	5855.000	-16.12	≤15.60	---	---	PASS
				Peak	5875.000	-25.54	≤10.00	---	---	PASS
				Peak	5925.000	-34.86	≤-27.00	- --	- --	PASS
11N20SIS O	Ant1	Low	5745	Peak	5650.000	-38.506	≤-27.00	---	---	PASS
				Peak	5700.000	-22.59	≤10.00	---	---	PASS
				Peak	5720.000	-16.79	≤15.60	---	---	PASS
				Peak	5725.000	-13.66	≤27.00	- --	- --	PASS
		High	5825	Peak	5850.000	-14.655	≤27.00	---	---	PASS
				Peak	5855.000	-17.04	≤15.60	---	---	PASS
				Peak	5875.000	-24.12	≤10.00	---	---	PASS
				Peak	5925.000	-35.56	≤-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)&RSS-Gen. The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

