















11.3. Appendix C: Maximum AVG conducted output power

11.3.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	13.46	<=30	PASS
	Ant2	2412	14.29	<=30	PASS
	Ant1	2437	13.42	<=30	PASS
	Ant2	2437	14.11	<=30	PASS
	Ant1	2462	13.63	<=30	PASS
	Ant2	2462	14.19	<=30	PASS
11G	Ant1	2412	13.49	<=30	PASS
	Ant2	2412	14.17	<=30	PASS
	Ant1	2437	13.62	<=30	PASS
	Ant2	2437	14.06	<=30	PASS
	Ant1	2462	13.56	<=30	PASS
	Ant2	2462	14.05	<=30	PASS
11N20MIMO	Ant1	2412	11.94	<=30	PASS
	Ant2	2412	13.00	<=30	PASS
	total	2412	15.51	<=30	PASS
	Ant1	2437	11.99	<=30	PASS
	Ant2	2437	12.90	<=30	PASS
	total	2437	15.48	<=30	PASS
	Ant1	2462	12.13	<=30	PASS
	Ant2	2462	12.96	<=30	PASS
11N40MIMO	total	2462	15.58	<=30	PASS
	Ant1	2422	10.20	<=30	PASS
	Ant2	2422	11.10	<=30	PASS
	total	2422	13.68	<=30	PASS
	Ant1	2437	10.87	<=30	PASS
	Ant2	2437	11.63	<=30	PASS
	total	2437	14.28	<=30	PASS
	Ant1	2452	11.09	<=30	PASS
	Ant2	2452	11.74	<=30	PASS
	total	2452	14.44	<=30	PASS

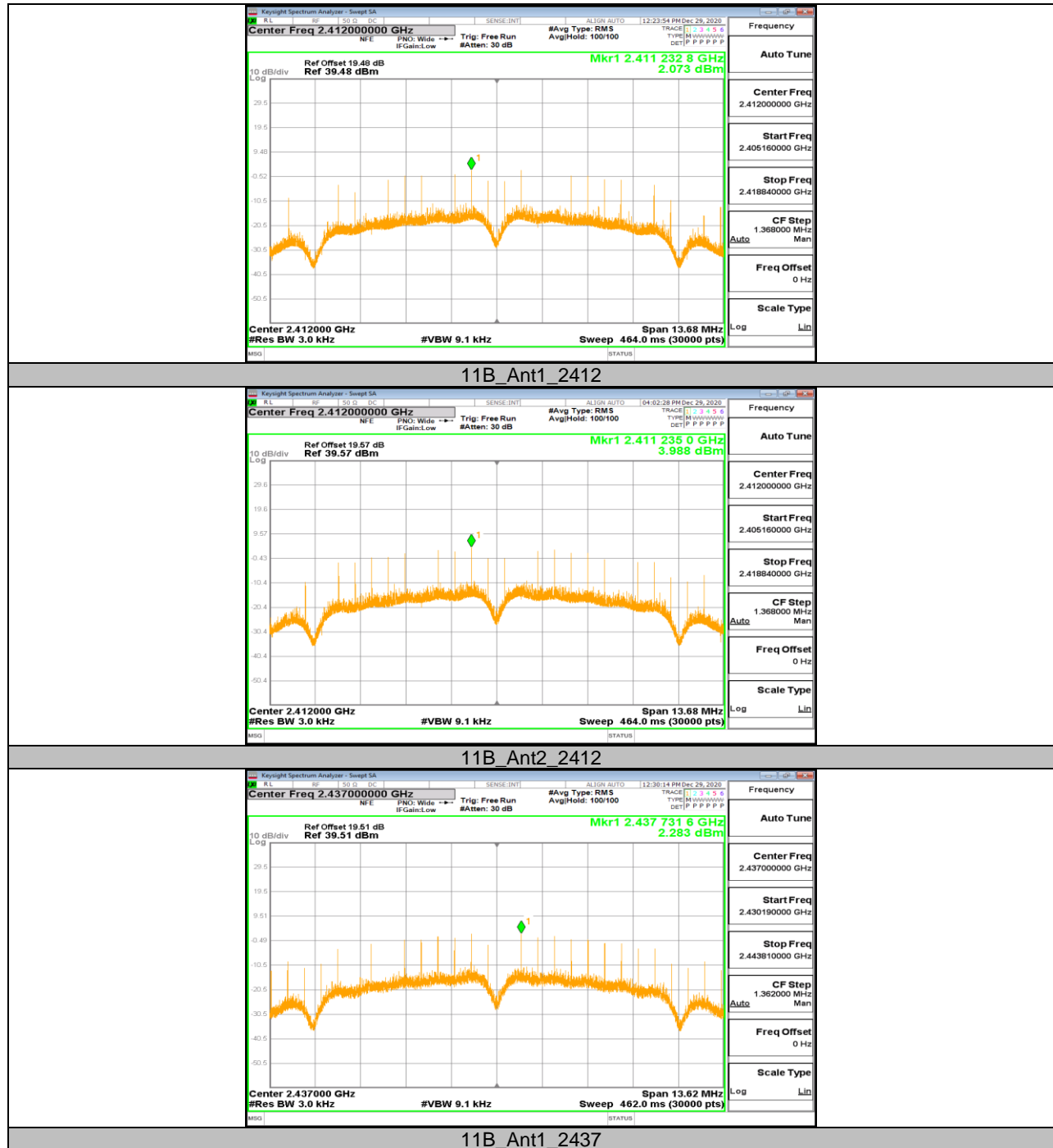
Note: 1. Conducted Power=Meas. Level+ Correction Factor

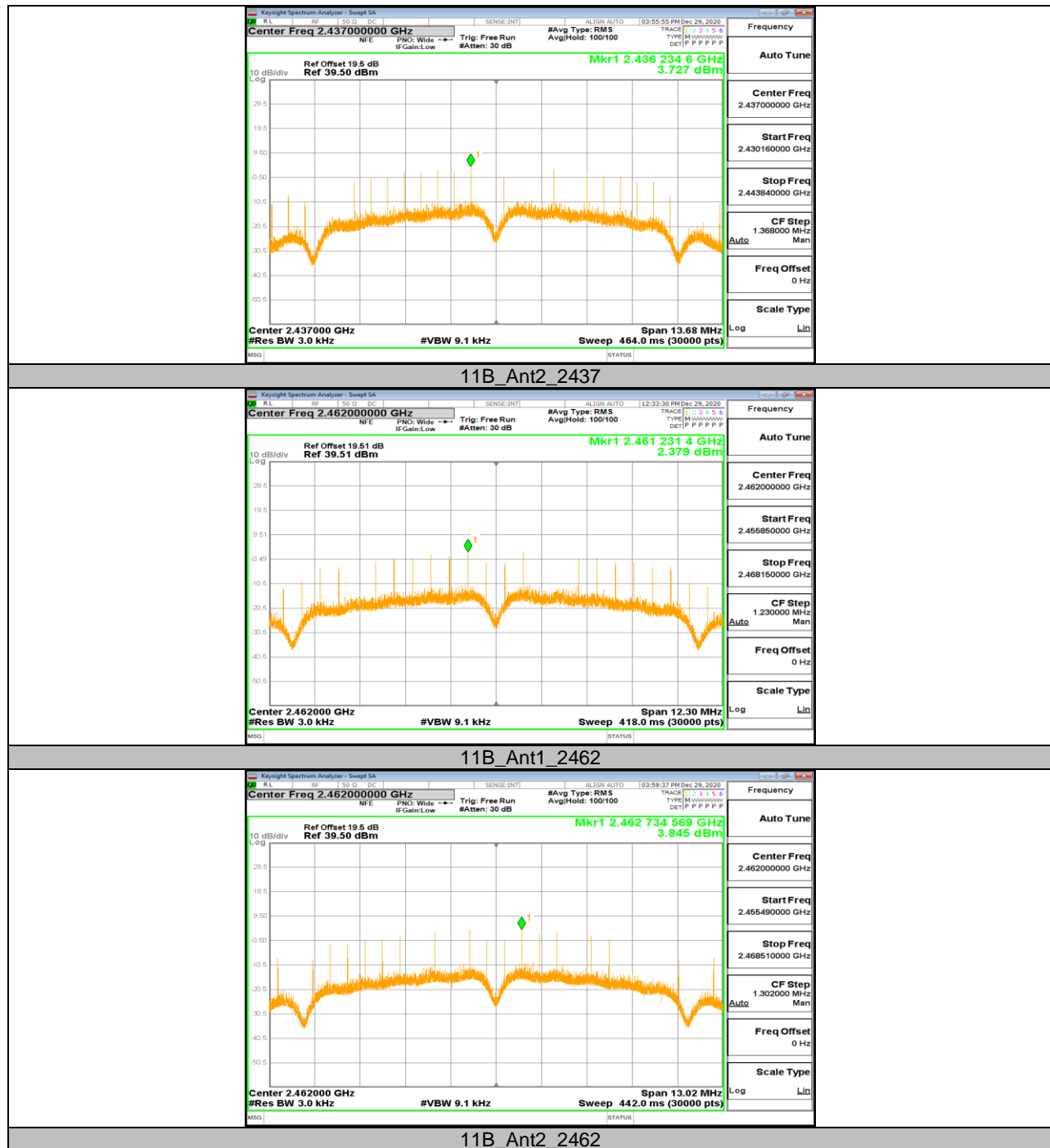
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

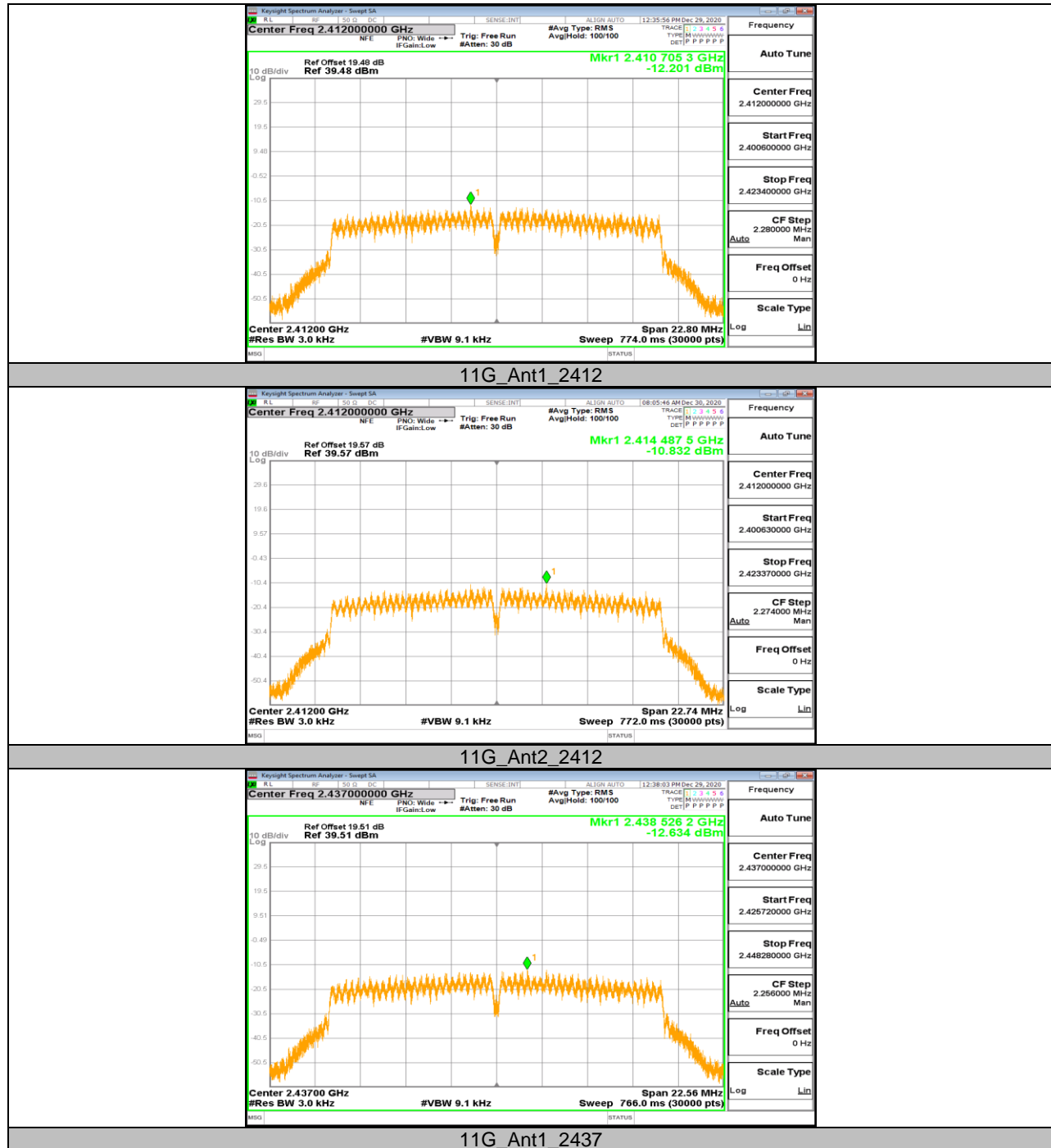
**11.4. Appendix D: Maximum power spectral density****11.4.1. Test Result**

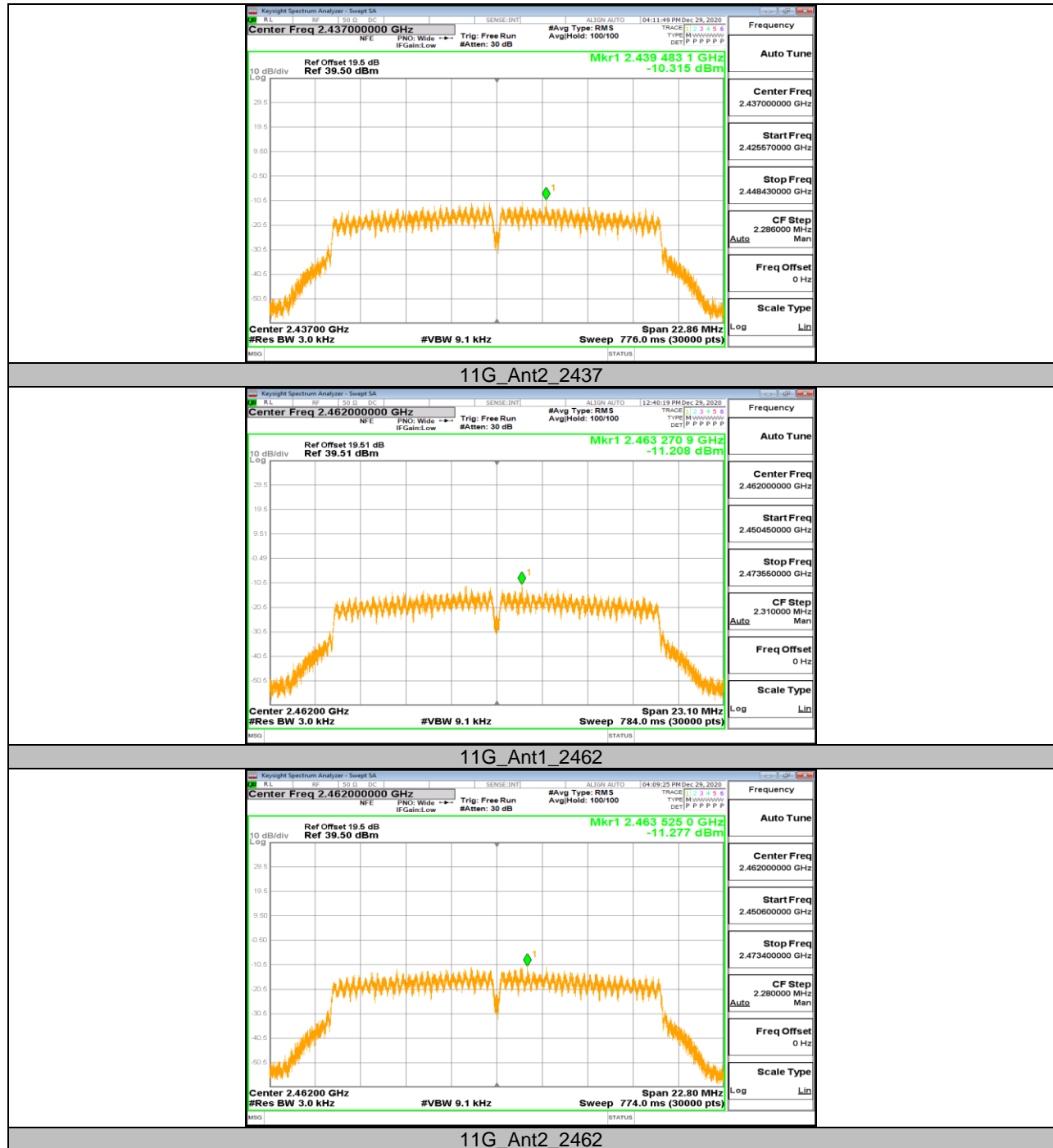
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	2.07	<=8	PASS
	Ant2	2412	3.99	<=8	PASS
	Ant1	2437	2.28	<=8	PASS
	Ant2	2437	3.73	<=8	PASS
	Ant1	2462	2.38	<=8	PASS
	Ant2	2462	3.85	<=8	PASS
11G	Ant1	2412	-12.20	<=8	PASS
	Ant2	2412	-10.83	<=8	PASS
	Ant1	2437	-12.63	<=8	PASS
	Ant2	2437	-10.32	<=8	PASS
	Ant1	2462	-11.21	<=8	PASS
	Ant2	2462	-11.28	<=8	PASS
11N20MIMO	Ant1	2412	-13.70	<=8	PASS
	Ant2	2412	-12.34	<=8	PASS
	total	2412	-9.96	<=8	PASS
	Ant1	2437	-12.49	<=8	PASS
	Ant2	2437	-10.25	<=8	PASS
	total	2437	-8.22	<=8	PASS
	Ant1	2462	-10.70	<=8	PASS
	Ant2	2462	-9.58	<=8	PASS
	total	2462	-7.09	<=8	PASS
11N40MIMO	Ant1	2422	-18.73	<=8	PASS
	Ant2	2422	-18.22	<=8	PASS
	total	2422	-15.46	<=8	PASS
	Ant1	2437	-18.78	<=8	PASS
	Ant2	2437	-17.70	<=8	PASS
	total	2437	-15.20	<=8	PASS
	Ant1	2452	-18.4	<=8	PASS
	Ant2	2452	-18.53	<=8	PASS
	total	2452	-15.45	<=8	PASS

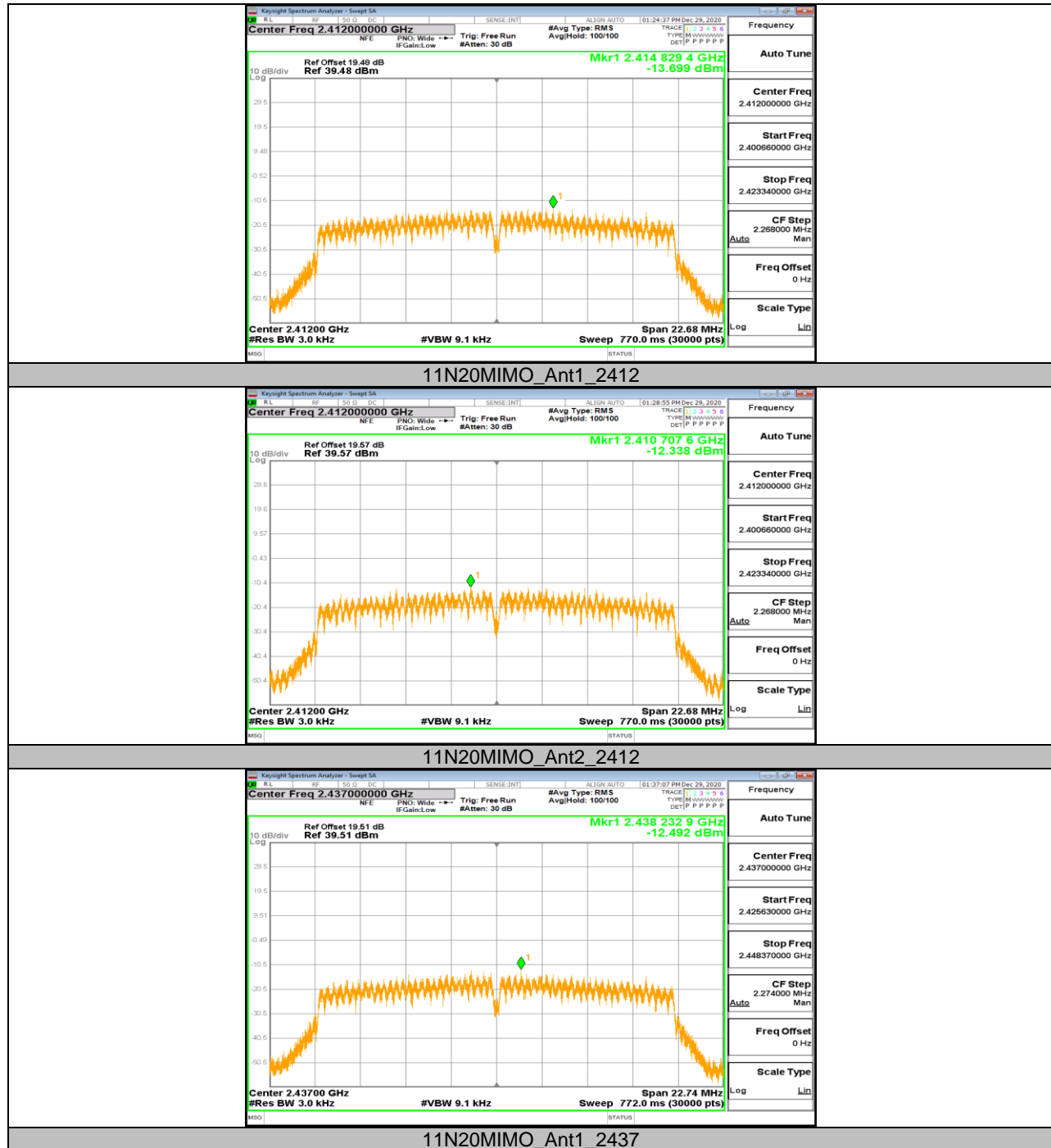
11.4.2. Test Graphs

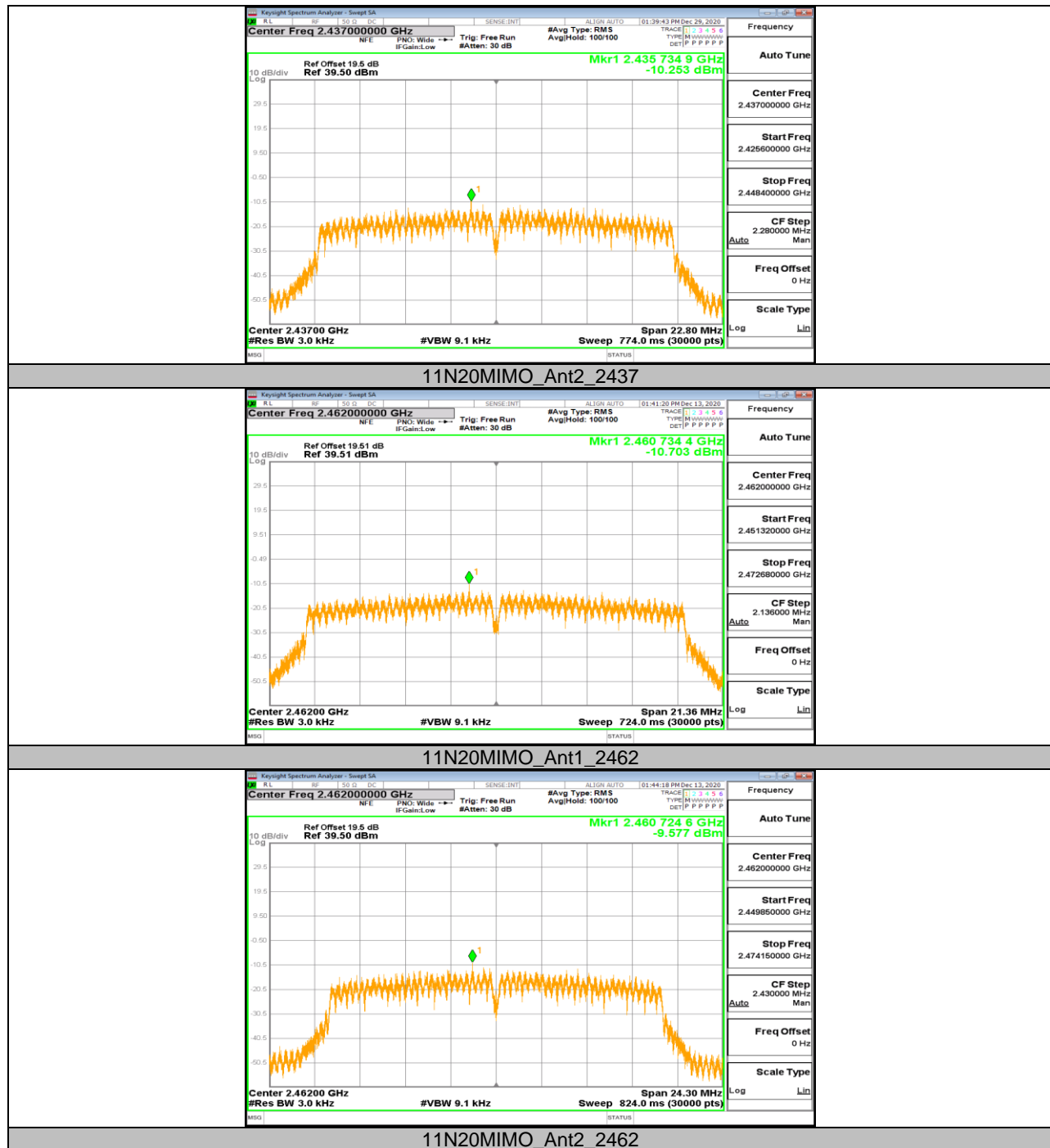


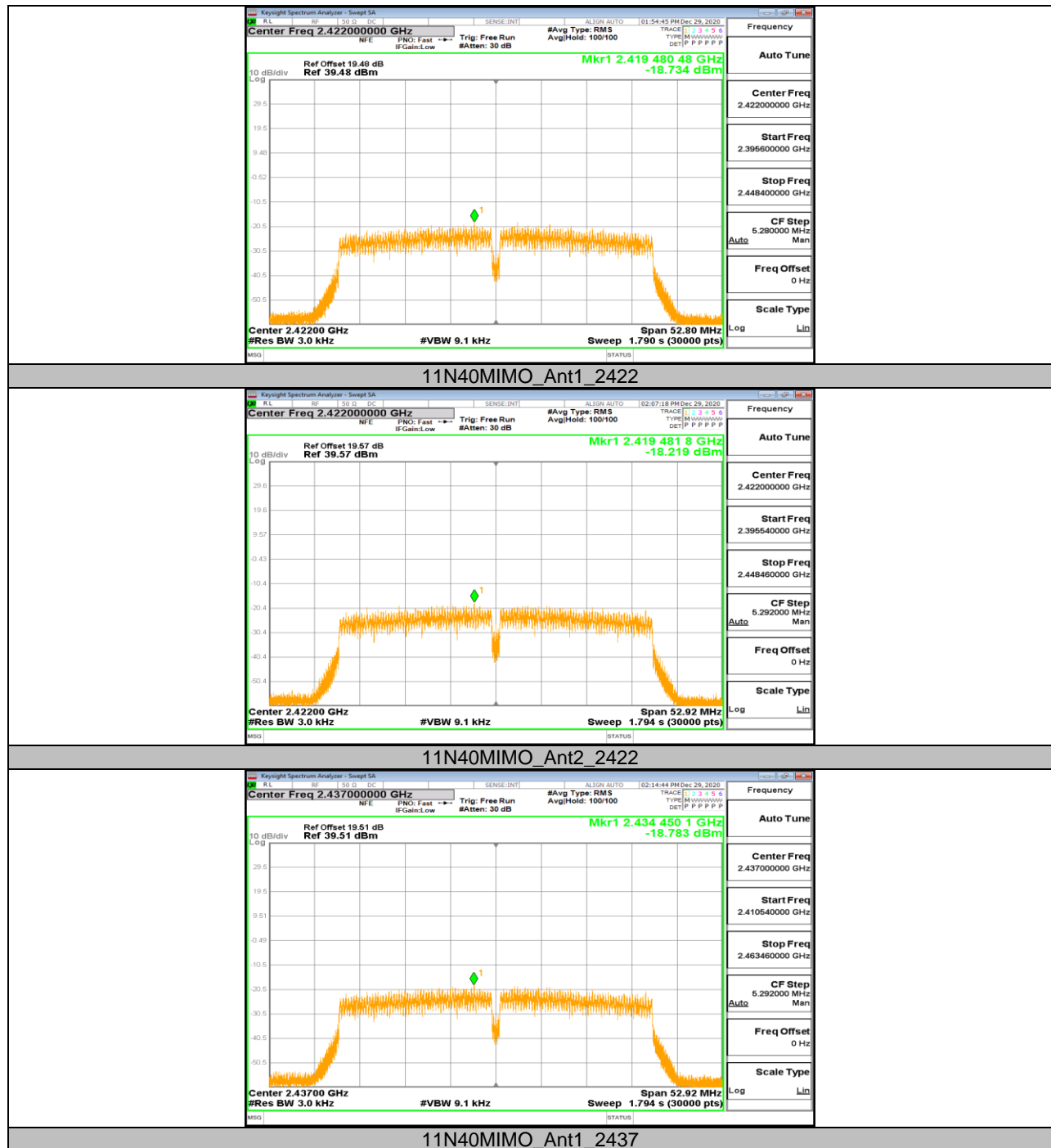


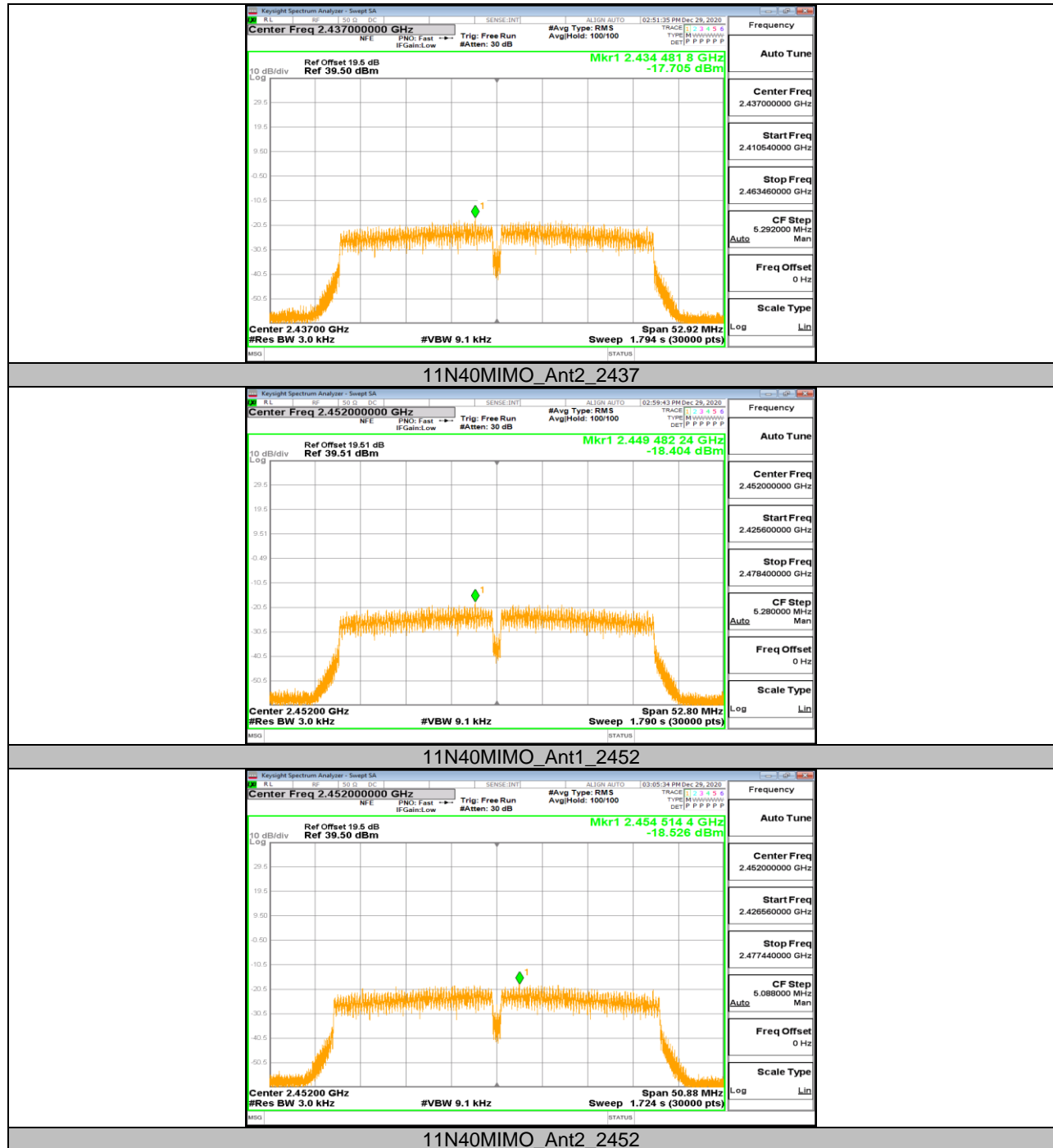














11.5. Appendix E: Band edge measurements

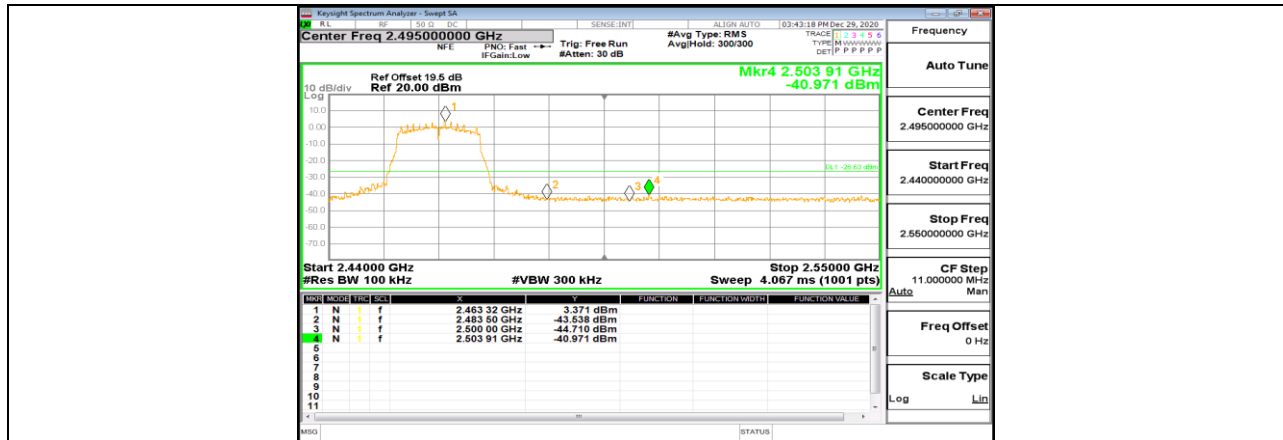
11.5.1. Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	4.63	-39.3	<=-25.37	PASS
		High	2462	4.67	-40.75	<=-25.33	PASS
11G	Ant2	Low	2412	3.65	-32.31	<=-26.35	PASS
		High	2462	3.37	-40.97	<=-26.63	PASS
11N20 MIMO	Ant1	Low	2412	0.98	-31.3	<=-29.02	PASS
	Ant2	Low	2412	2.39	-27.86	<=-27.61	PASS
	Ant1	High	2462	1.73	-40.11	<=-28.27	PASS
	Ant2	High	2462	2.41	-40.61	<=-27.59	PASS
11N40 MIMO	Ant1	Low	2422	-4.34	-37.66	<=-34.34	PASS
	Ant2	Low	2422	-3.62	-38.33	<=-33.62	PASS
	Ant1	High	2452	-3.74	-39.55	<=-33.74	PASS
	Ant2	High	2452	-2.84	-39.2	<=-32.84	PASS

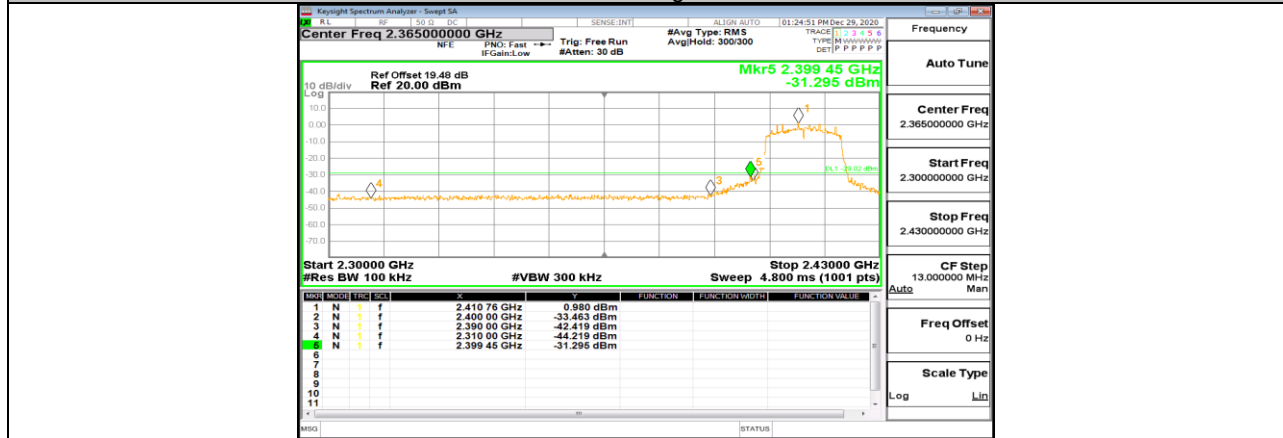


11.5.2. Test Graphs

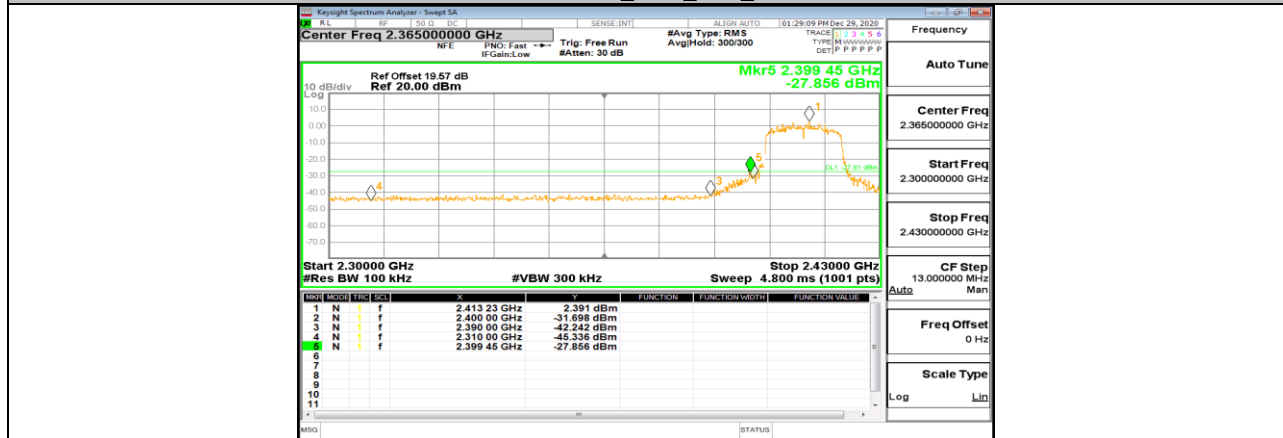




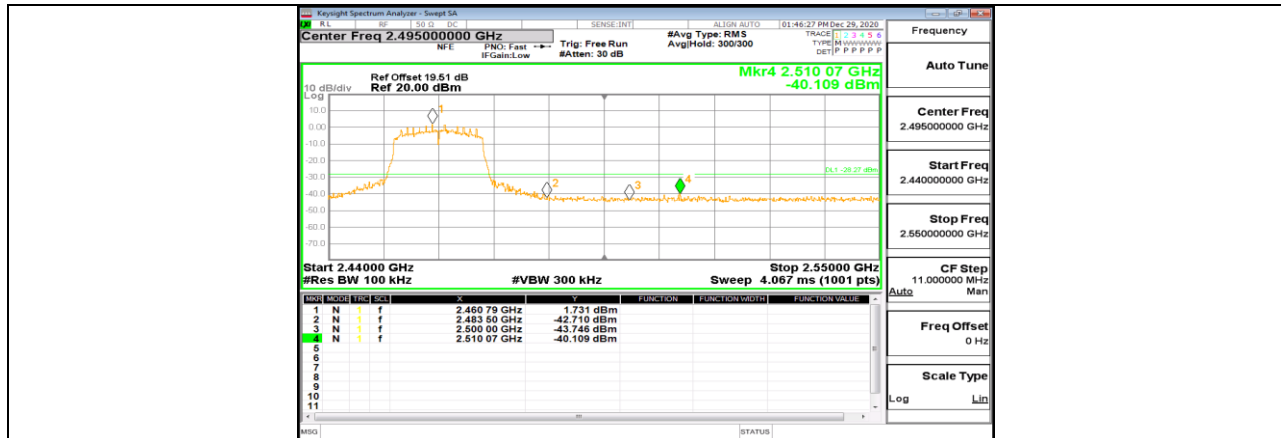
11G_Ant2_High_2462



11N20MIMO_Ant1_Low_2412



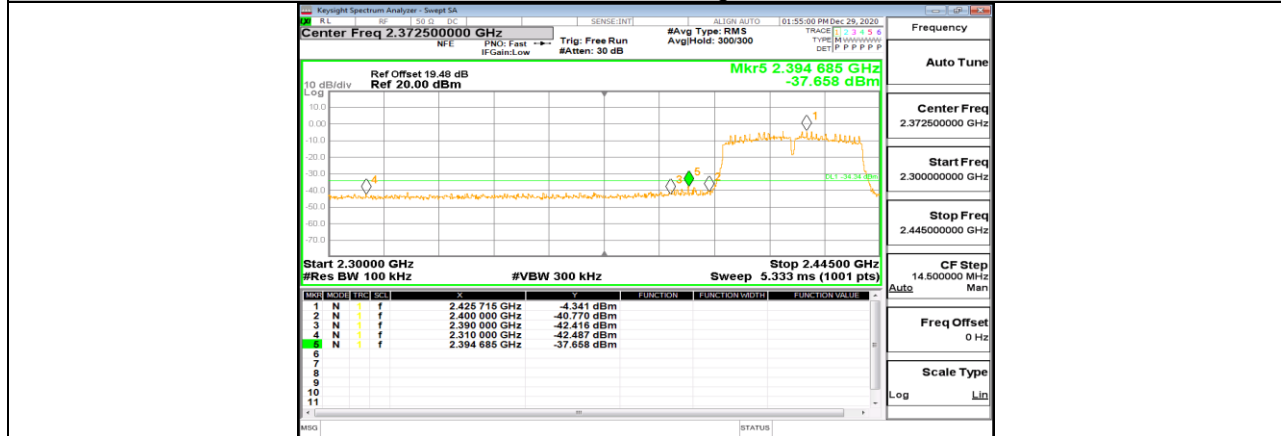
11N20MIMO_Ant2_Low_2412



11N20MIMO_Ant1_High_2462



11N20MIMO_Ant2_High_2462



11N40MIMO_Ant1_Low_2422



**11.6. Appendix F: Conducted Spurious Emission****11.6.1. Test Result**

Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	4.61	---	PASS
			30~1000	---	<=-25.39	PASS
			1000~26500	---	<=-25.39	PASS
		2437	Reference	4.54	---	PASS
			30~1000	---	<=-25.47	PASS
			1000~26500	---	<=-25.47	PASS
		2462	Reference	4.68	---	PASS
			30~1000	---	<=-25.32	PASS
			1000~26500	---	<=-25.32	PASS
11G	Ant2	2412	Reference	1.61	---	PASS
			30~1000	---	<=-28.39	PASS
			1000~26500	---	<=-28.39	PASS
		2437	Reference	3.61	---	PASS
			30~1000	---	<=-26.39	PASS
			1000~26500	---	<=-26.39	PASS
		2462	Reference	3.62	---	PASS
			30~1000	---	<=-26.38	PASS
			1000~26500	---	<=-26.38	PASS
11N20MIMO	Ant1	2412	Reference	1.68	---	PASS
			30~1000	---	<=-28.33	PASS
			1000~26500	---	<=-28.33	PASS
	Ant2	2412	Reference	1.24	---	PASS
			30~1000	---	<=-28.76	PASS
			1000~26500	---	<=-28.76	PASS
	Ant1	2437	Reference	1.36	---	PASS
			30~1000	---	<=-28.64	PASS
			1000~26500	---	<=-28.64	PASS
	Ant2	2437	Reference	2.31	---	PASS
			30~1000	---	<=-27.69	PASS
			1000~26500	---	<=-27.69	PASS
	Ant1	2462	Reference	1.05	---	PASS
			30~1000	---	<=-28.95	PASS
			1000~26500	---	<=-28.95	PASS
	Ant2	2462	Reference	1.31	---	PASS
			30~1000	---	<=-28.7	PASS
			1000~26500	---	<=-28.7	PASS
11N40MIMO	Ant1	2422	Reference	-4.31	---	PASS
			30~1000	---	<=-34.31	PASS
			1000~26500	---	<=-34.31	PASS
	Ant2	2422	Reference	-3.34	---	PASS
			30~1000	---	<=-33.34	PASS
			1000~26500	---	<=-33.34	PASS
	Ant1	2437	Reference	-4.03	---	PASS
			30~1000	---	<=-34.03	PASS
			1000~26500	---	<=-34.03	PASS
	Ant2	2437	Reference	-2.95	---	PASS
			30~1000	---	<=-32.95	PASS
			1000~26500	---	<=-32.95	PASS
	Ant1	2452	Reference	-3.89	---	PASS
			30~1000	---	<=-33.89	PASS
			1000~26500	---	<=-33.89	PASS
	Ant2	2452	Reference	-2.85	---	PASS
			30~1000	---	<=-32.85	PASS
			1000~26500	---	<=-32.85	PASS



11.6.2. Test Graphs



