

















**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	12.67	<=30	PASS
	Ant2	2412	14.03	<=30	PASS
	Ant1	2437	12.35	<=30	PASS
	Ant2	2437	13.77	<=30	PASS
	Ant1	2462	12.63	<=30	PASS
	Ant2	2462	13.85	<=30	PASS
11G	Ant1	2412	14.73	<=30	PASS
	Ant2	2412	16.05	<=30	PASS
	Ant1	2437	14.71	<=30	PASS
	Ant2	2437	16.60	<=30	PASS
	Ant1	2462	14.48	<=30	PASS
	Ant2	2462	16.07	<=30	PASS
11N20MIMO	Ant1	2412	11.67	<=30	PASS
	Ant2	2412	13.07	<=30	PASS
	total	2412	15.4	<=30	PASS
	Ant1	2437	11.93	<=30	PASS
	Ant2	2437	13.50	<=30	PASS
	total	2437	15.8	<=30	PASS
	Ant1	2462	11.78	<=30	PASS
	Ant2	2462	13.21	<=30	PASS
11N40MIMO	total	2462	15.6	<=30	PASS
	Ant1	2422	7.74	<=30	PASS
	Ant2	2422	10.06	<=30	PASS
	total	2422	12.1	<=30	PASS
	Ant1	2437	12.07	<=30	PASS
	Ant2	2437	13.65	<=30	PASS
	total	2437	15.9	<=30	PASS
	Ant1	2452	7.28	<=30	PASS
	Ant2	2452	9.61	<=30	PASS
	total	2452	11.6	<=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.



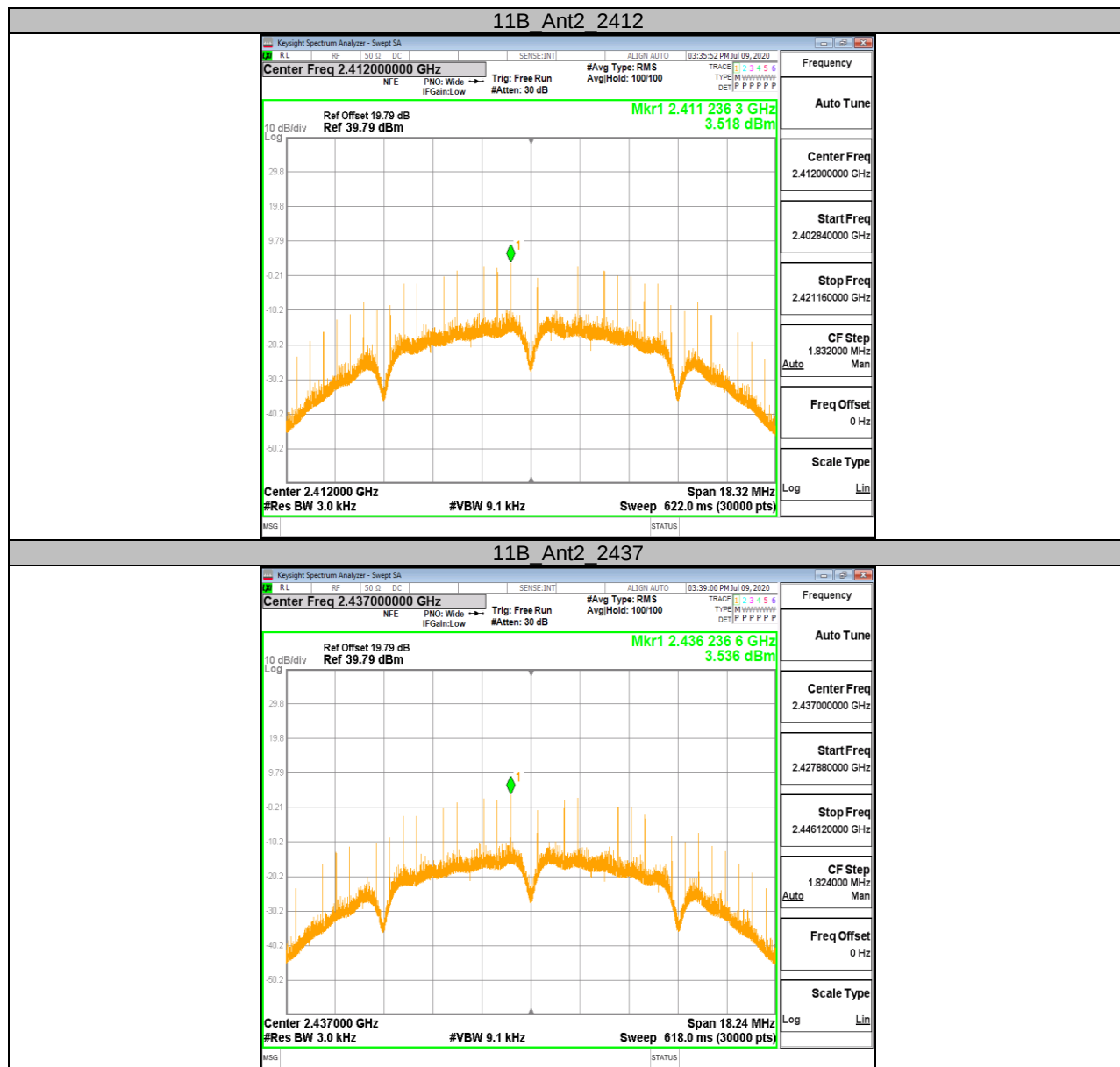
11.4. Appendix D: Maximum power spectral density

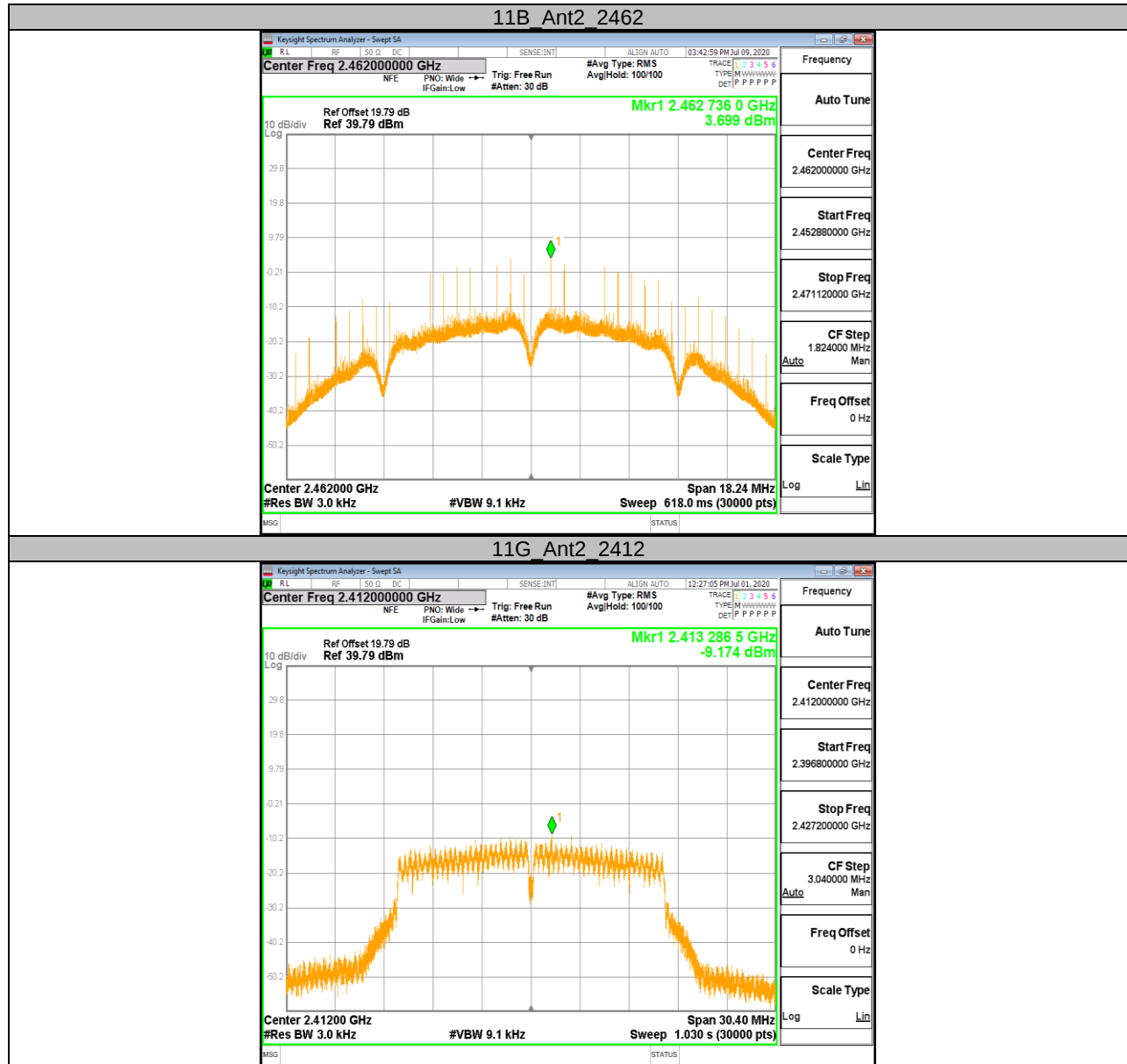
11.4.1. Test Result

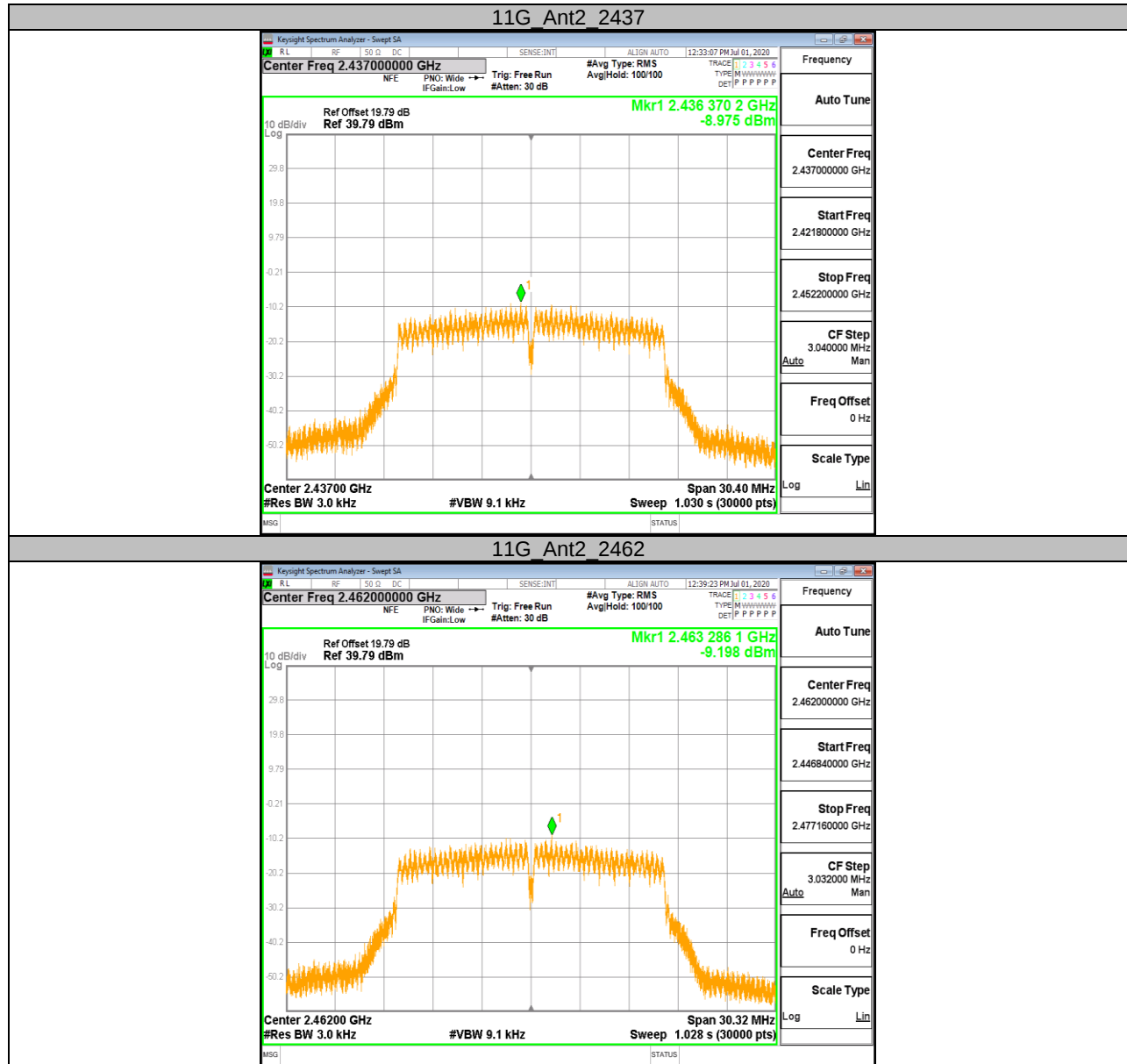
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	3.52	<=8	PASS
		2437	3.54	<=8	PASS
		2462	3.7	<=8	PASS
11G	Ant2	2412	-9.17	<=8	PASS
		2437	-8.98	<=8	PASS
		2462	-9.2	<=8	PASS
11N20MIMO	Ant1	2412	-13.72	<=8	PASS
	Ant2	2412	-9.48	<=8	PASS
	total	2412	-8.09	<=8	PASS
	Ant1	2437	-13.31	<=8	PASS
	Ant2	2437	-11.01	<=8	PASS
	total	2437	-9.00	<=8	PASS
	Ant1	2462	-11.12	<=8	PASS
	Ant2	2462	-10.96	<=8	PASS
	total	2462	-8.03	<=8	PASS
11N40MIMO	Ant1	2422	-20.15	<=8	PASS
	Ant2	2422	-18.17	<=8	PASS
	total	2422	-16.04	<=8	PASS
	Ant1	2437	-16.4	<=8	PASS
	Ant2	2437	-14.56	<=8	PASS
	total	2437	-12.37	<=8	PASS
	Ant1	2452	-16.4	<=8	PASS
	Ant2	2452	-14.01	<=8	PASS
	total	2452	-12.03	<=8	PASS

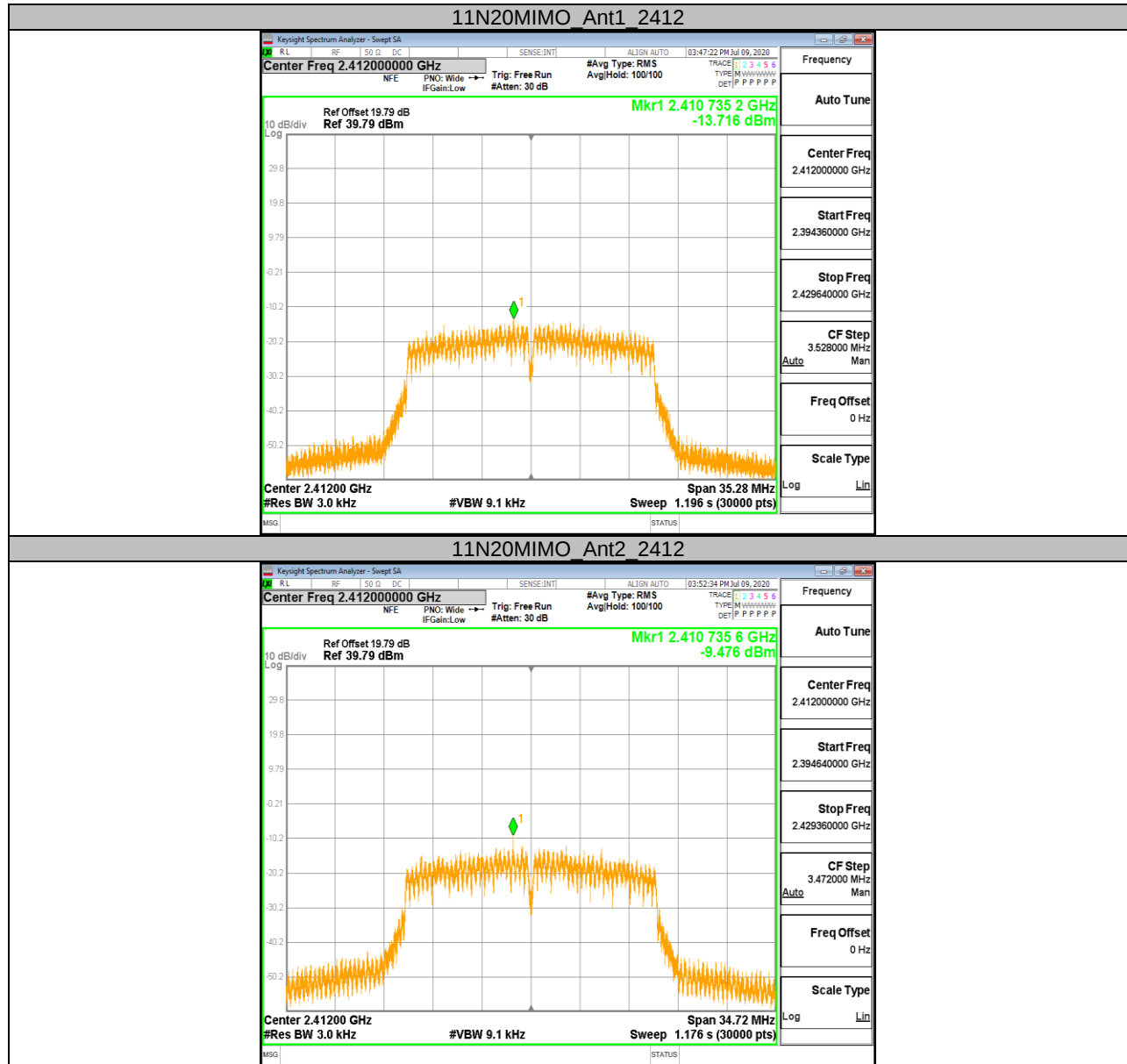


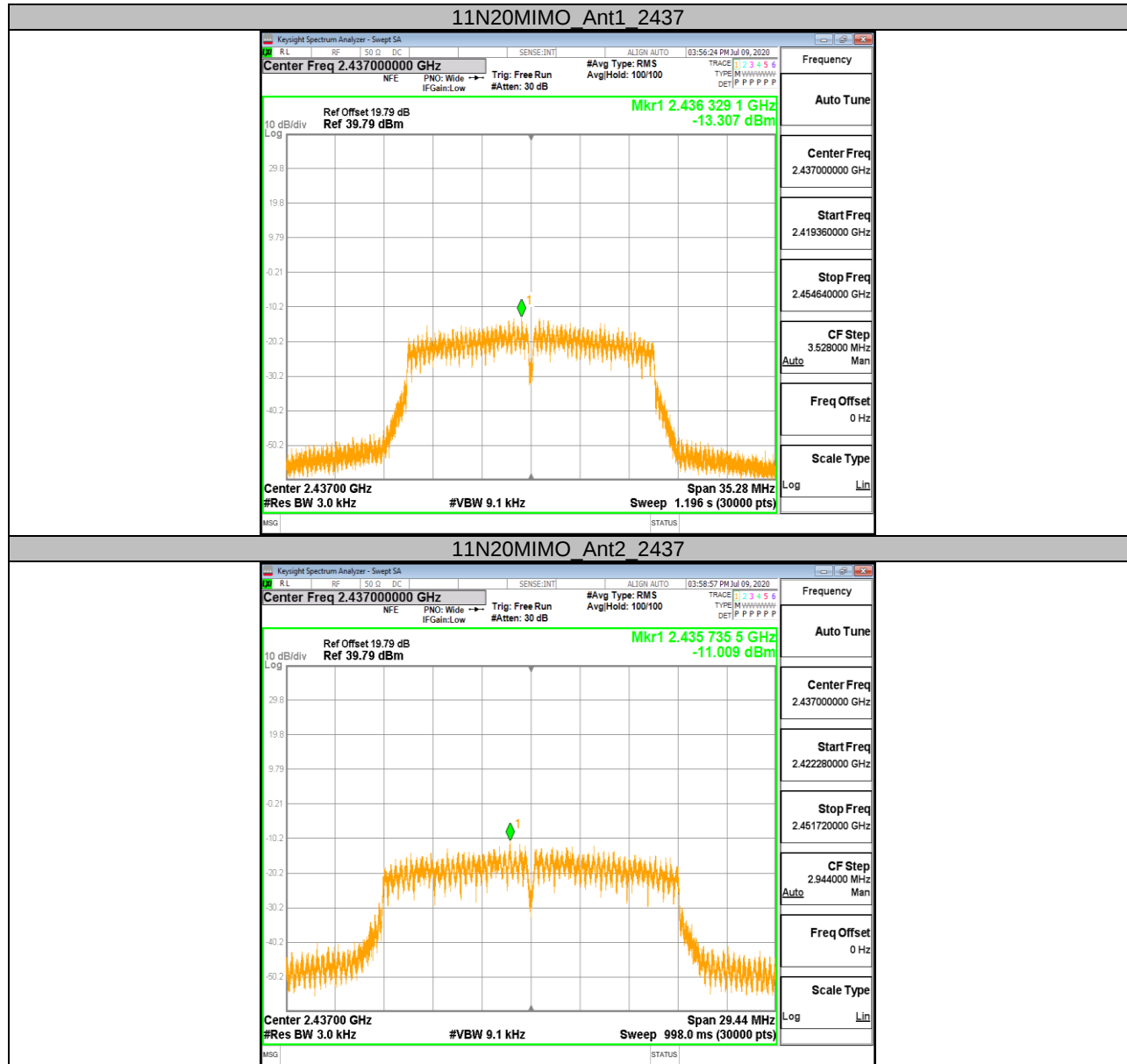
11.4.2. Test Graphs

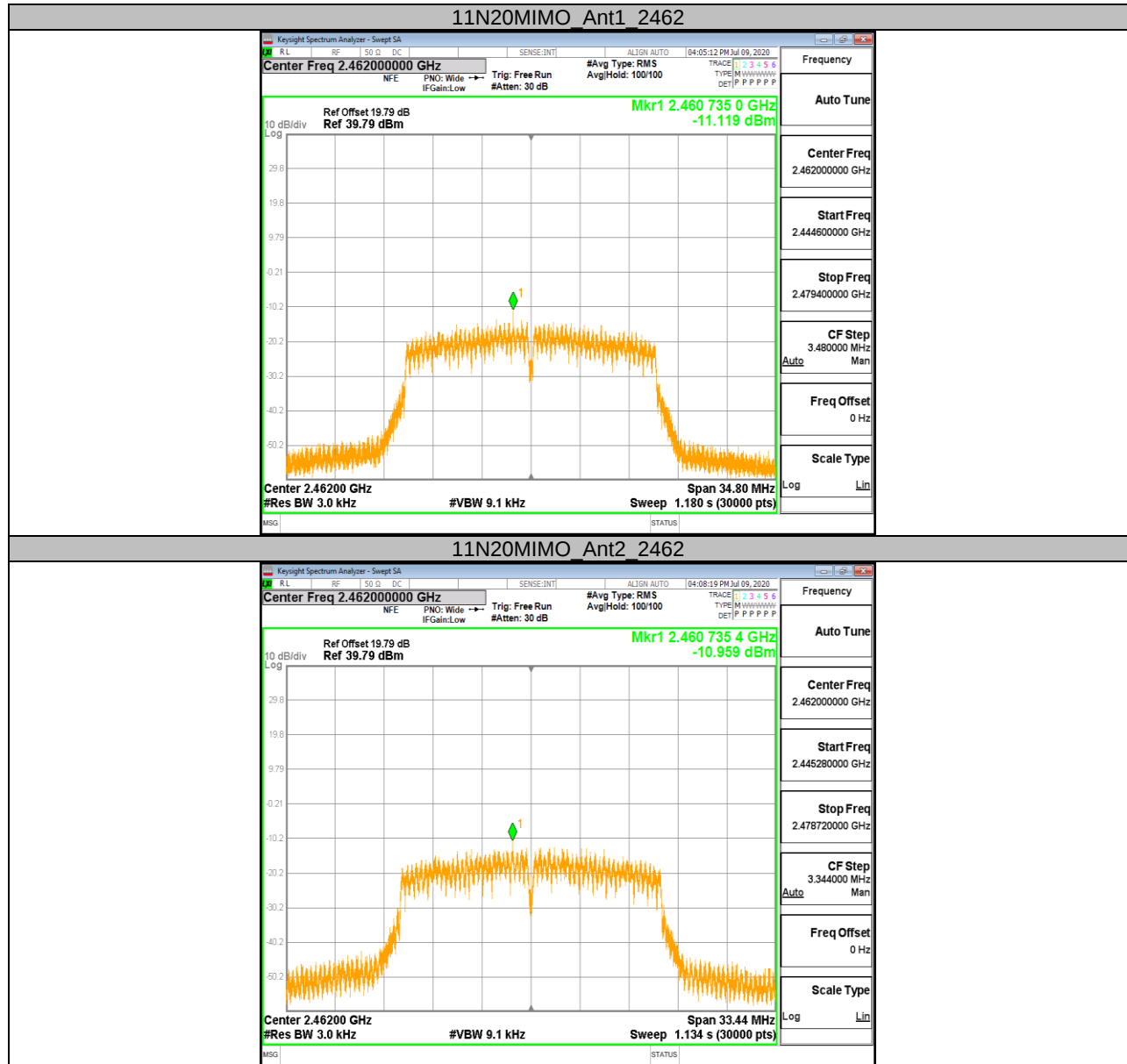


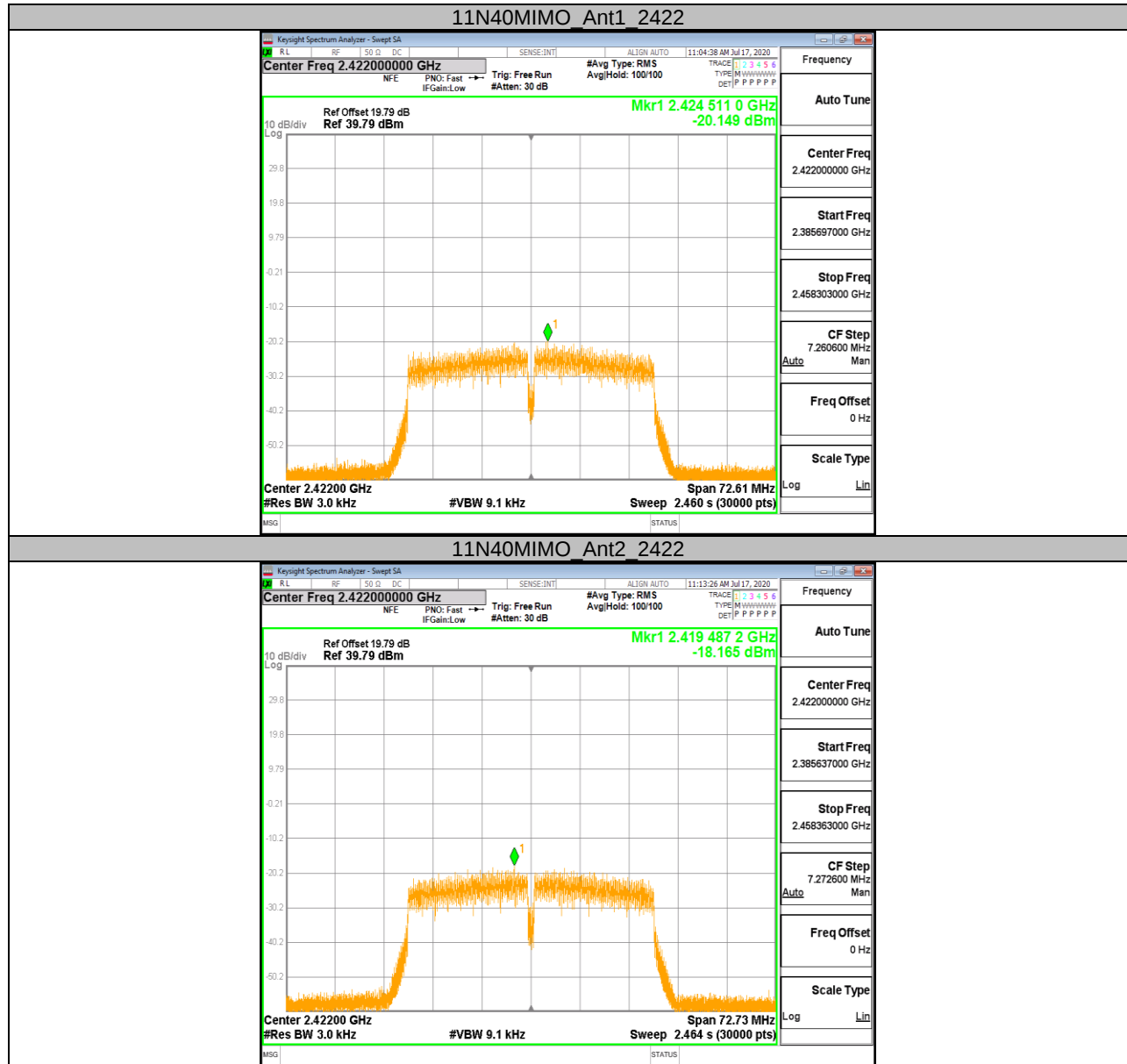


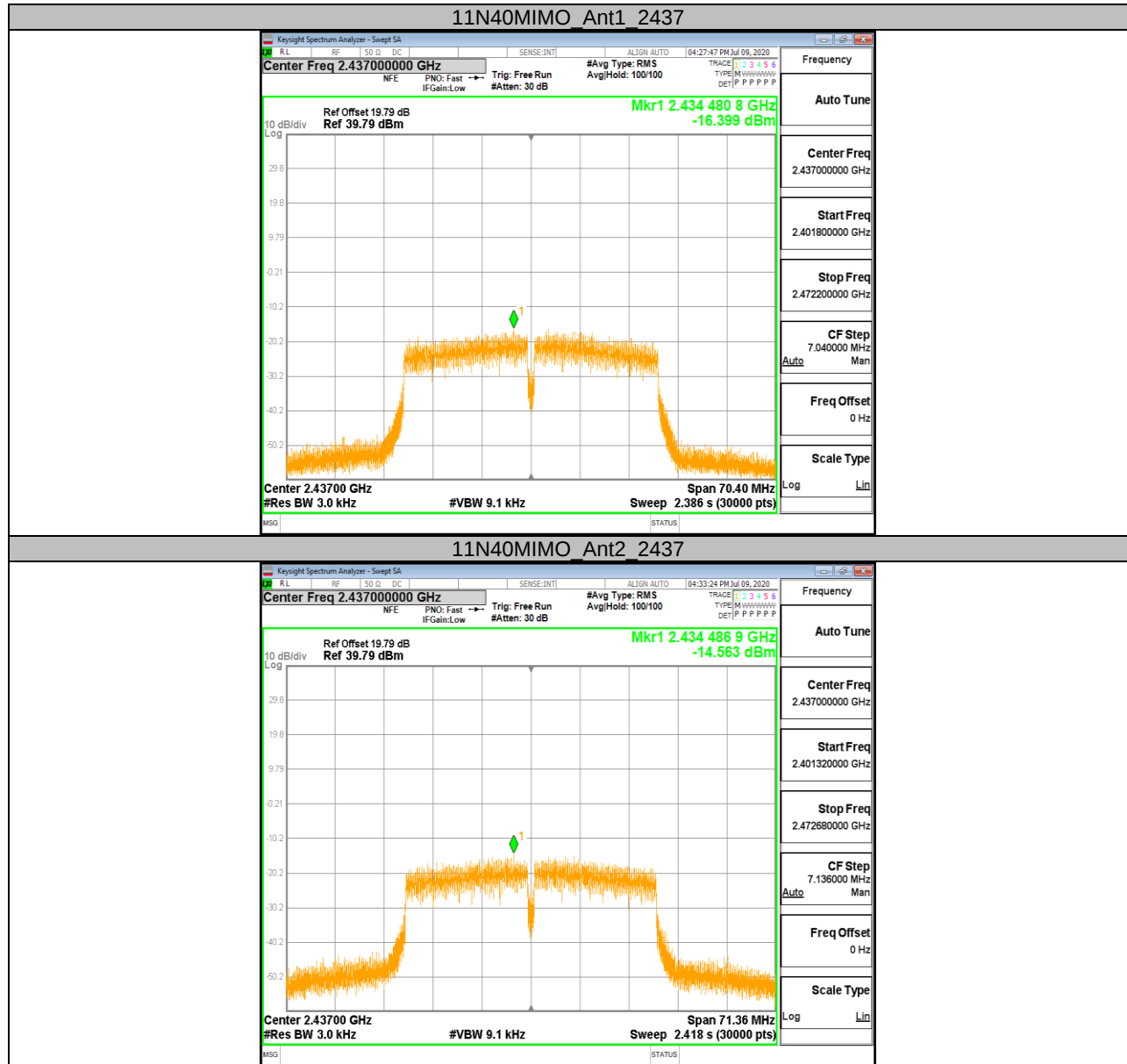


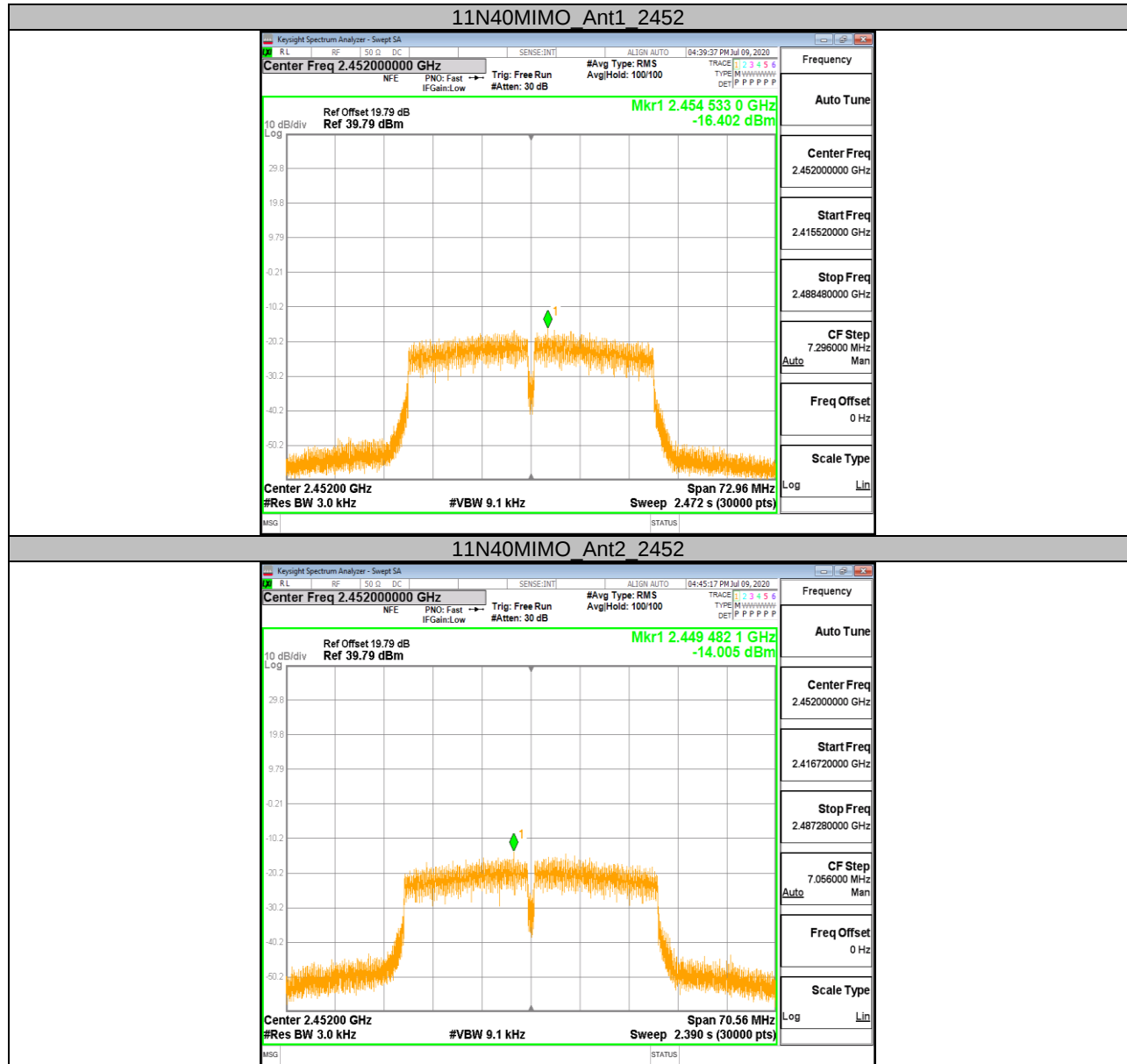












Note: All the test modes have been tested, only the worst data record in the report.



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	7.94	-32.1	<=-22.06	PASS
		High	2462	7.86	-41	<=-22.14	PASS
11G	Ant2	Low	2412	5.58	-27.32	<=-24.42	PASS
		High	2462	5.12	-40.08	<=-24.88	PASS
11N20MIMO	Ant1	Low	2412	2.98	-32.61	<=-27.02	PASS
	Ant2	Low	2412	4.60	-25.8	<=-25.4	PASS
	Ant1	High	2462	3.05	-40.04	<=-26.95	PASS
	Ant2	High	2462	4.31	-40.54	<=-25.69	PASS
11N40MIMO	Ant1	Low	2422	0.51	-31.04	<=-29.49	PASS
	Ant2	Low	2422	1.89	-28.35	<=-28.11	PASS
	Ant1	High	2452	0.38	-32.93	<=-29.63	PASS
	Ant2	High	2452	2.56	-31.95	<=-27.44	PASS



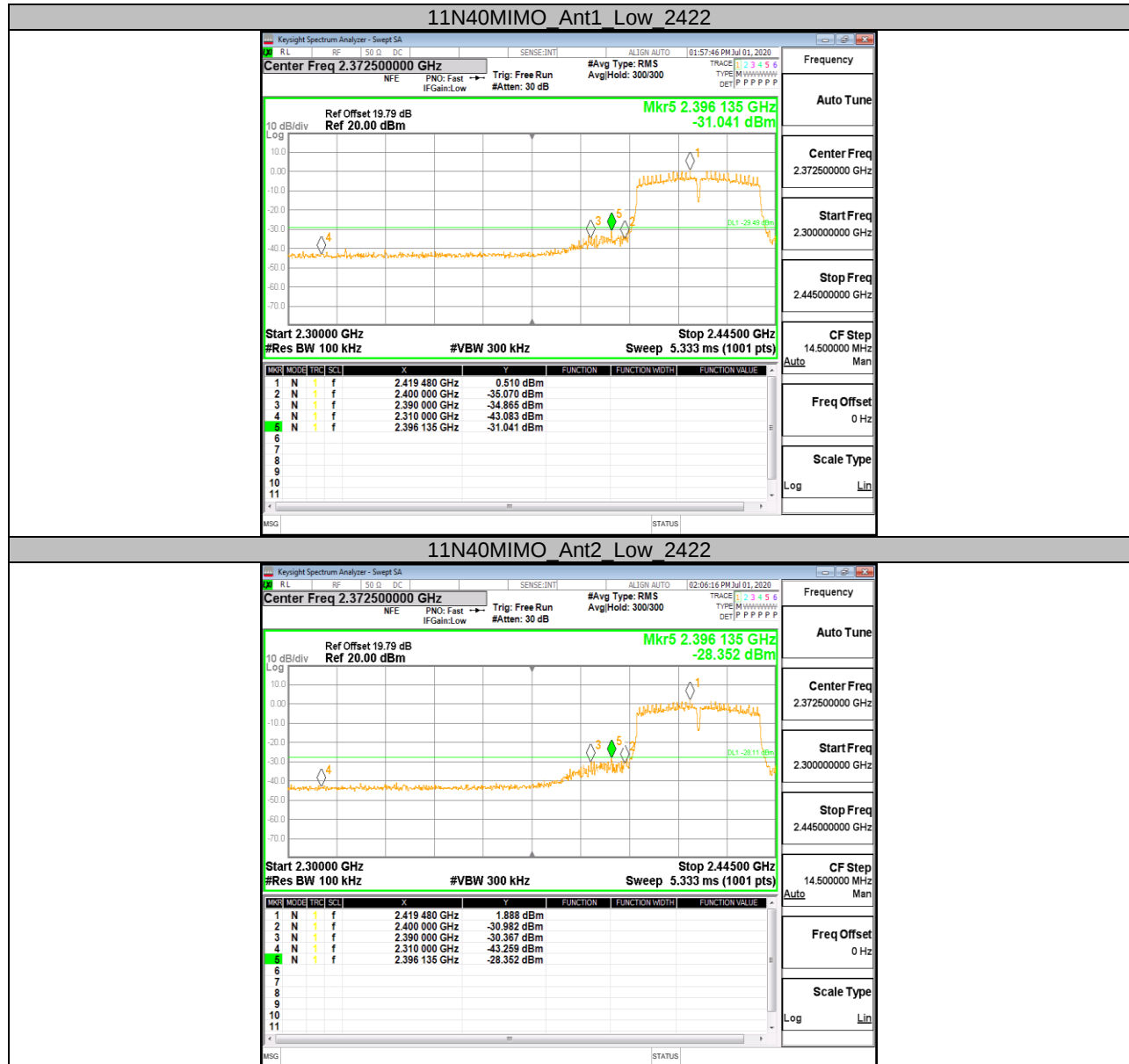
11.5.2. Test Graphs













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

Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	7.85	7.85	---	PASS
			30~1000	30~1000	-63.214	<=-22.146	PASS
			1000~26500	1000~26500	-34.896	<=-22.146	PASS
		2437	Reference	8.41	8.41	---	PASS
			30~1000	30~1000	-63.113	<=-21.594	PASS
			1000~26500	1000~26500	-53.898	<=-21.594	PASS
		2462	Reference	7.74	7.74	---	PASS
			30~1000	30~1000	-62.026	<=-22.263	PASS
			1000~26500	1000~26500	-51.369	<=-22.263	PASS
11G	Ant2	2412	Reference	5.41	5.41	---	PASS
			30~1000	30~1000	-63.48	<=-24.589	PASS
			1000~26500	1000~26500	-29.88	<=-24.589	PASS
		2437	Reference	5.68	5.68	---	PASS
			30~1000	30~1000	-62.37	<=-24.323	PASS
			1000~26500	1000~26500	-54.028	<=-24.323	PASS
		2462	Reference	5.12	5.12	---	PASS
			30~1000	30~1000	-63.222	<=-24.885	PASS
			1000~26500	1000~26500	-48.229	<=-24.885	PASS
11N20MIMO	Ant1	2412	Reference	2.65	2.65	---	PASS
			30~1000	30~1000	-61.707	<=-27.353	PASS
			1000~26500	1000~26500	-34.265	<=-27.353	PASS
	Ant2	2412	Reference	3.71	3.71	---	PASS
			30~1000	30~1000	-63.074	<=-26.292	PASS
			1000~26500	1000~26500	-32.347	<=-26.292	PASS
	Ant1	2437	Reference	3.23	3.23	---	PASS
			30~1000	30~1000	-62.865	<=-26.767	PASS
			1000~26500	1000~26500	-54.335	<=-26.767	PASS
	Ant2	2437	Reference	3.32	3.32	---	PASS
			30~1000	30~1000	-63.3	<=-26.679	PASS
			1000~26500	1000~26500	-53.627	<=-26.679	PASS
	Ant1	2462	Reference	2.71	2.71	---	PASS
			30~1000	30~1000	-63.355	<=-27.29	PASS
			1000~26500	1000~26500	-49.868	<=-27.29	PASS
	Ant2	2462	Reference	3.84	3.84	---	PASS
			30~1000	30~1000	-63.16	<=-26.158	PASS
			1000~26500	1000~26500	-48.995	<=-26.158	PASS
11N40MIMO	Ant1	2422	Reference	0.40	0.40	---	PASS
			30~1000	30~1000	-63.243	<=-29.6	PASS
			1000~26500	1000~26500	-31.464	<=-29.6	PASS
	Ant2	2422	Reference	1.88	1.88	---	PASS
			30~1000	30~1000	-63.277	<=-28.117	PASS
			1000~26500	1000~26500	-30.453	<=-28.117	PASS
	Ant1	2437	Reference	0.45	0.45	---	PASS
			30~1000	30~1000	-63.233	<=-29.553	PASS
			1000~26500	1000~26500	-42.981	<=-29.553	PASS
	Ant2	2437	Reference	1.70	1.70	---	PASS
			30~1000	30~1000	-62.953	<=-28.302	PASS
			1000~26500	1000~26500	-40.309	<=-28.302	PASS
	Ant1	2452	Reference	0.04	0.04	---	PASS
			30~1000	30~1000	-63.602	<=-29.962	PASS
			1000~26500	1000~26500	-38.55	<=-29.962	PASS
	Ant2	2452	Reference	1.98	1.98	---	PASS
			30~1000	30~1000	-62.946	<=-28.022	PASS
			1000~26500	1000~26500	-32.306	<=-28.022	PASS

11.6.2. Test Graphs

