

**APPENDIX D: CONDUCTED AVERAGE OUTPUT POWER****Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	20.87	30	PASS
	Ant2	2412	20.91	30	PASS
	Ant1	2437	20.76	30	PASS
	Ant2	2437	20.86	30	PASS
	Ant1	2462	19.41	30	PASS
	Ant2	2462	19.99	30	PASS
11G	Ant1	2412	17.97	30	PASS
	Ant2	2412	18.33	30	PASS
	Ant1	2437	17.83	30	PASS
	Ant2	2437	17.92	30	PASS
	Ant1	2462	17.55	30	PASS
	Ant2	2462	17.90	30	PASS
11N20MIMO	Ant1	2412	14.56	30	PASS
	Ant2	2412	14.41	30	PASS
	total	2412	17.5	30	PASS
	Ant1	2437	14.39	30	PASS
	Ant2	2437	14.67	30	PASS
	total	2437	17.54	30	PASS
	Ant1	2462	13.56	30	PASS
	Ant2	2462	13.80	30	PASS
11N40MIMO	total	2462	16.7	30	PASS
	Ant1	2422	13.42	30	PASS
	Ant2	2422	13.55	30	PASS
	total	2422	16.5	30	PASS
	Ant1	2437	13.67	30	PASS
	Ant2	2437	13.78	30	PASS
	total	2437	16.74	30	PASS
	Ant1	2452	12.01	30	PASS
	Ant2	2452	12.12	30	PASS
	total	2452	15.08	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.

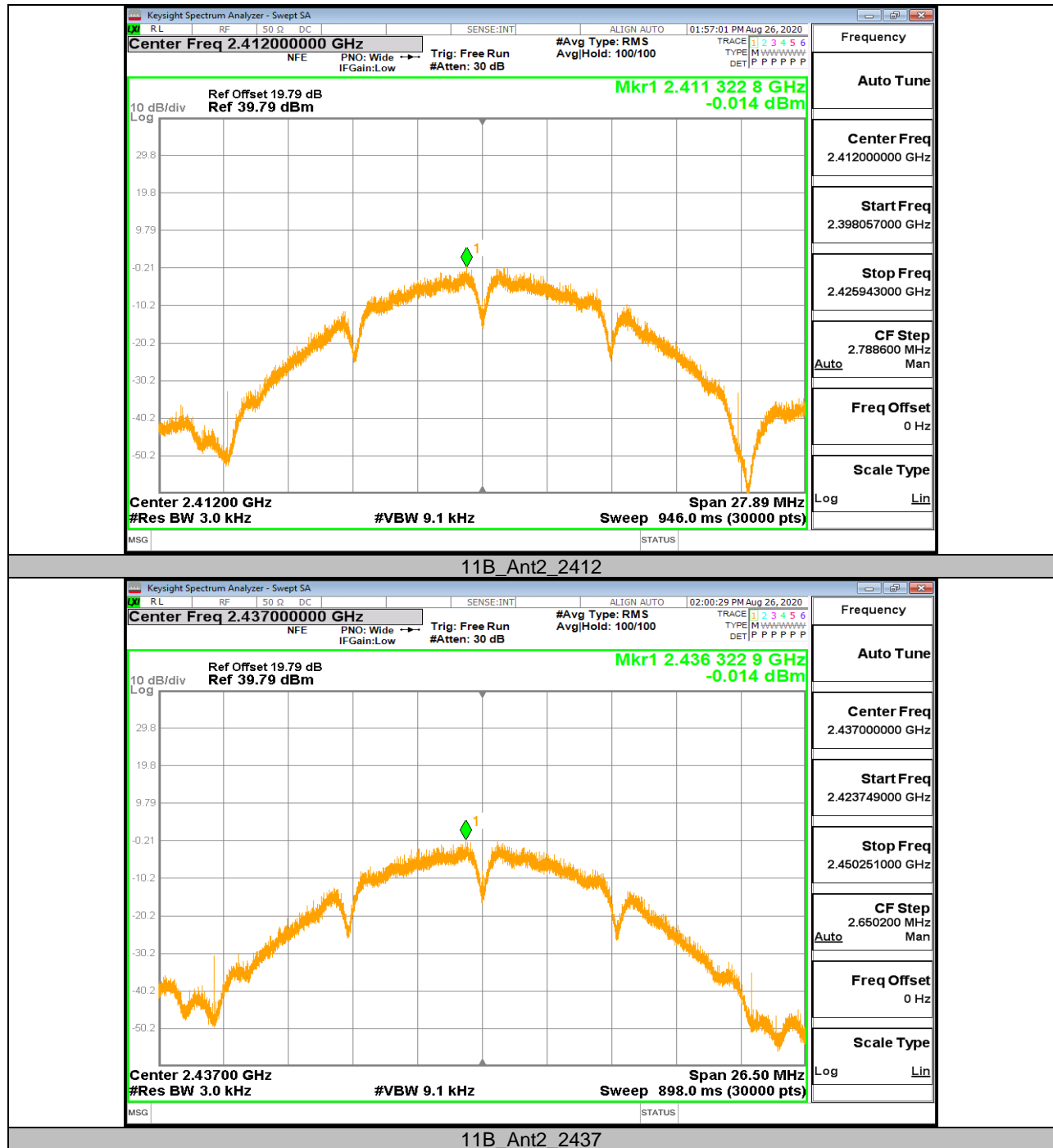
**APPENDIX E: PEAK POWER SPECTRAL DENSITY****Test Result**

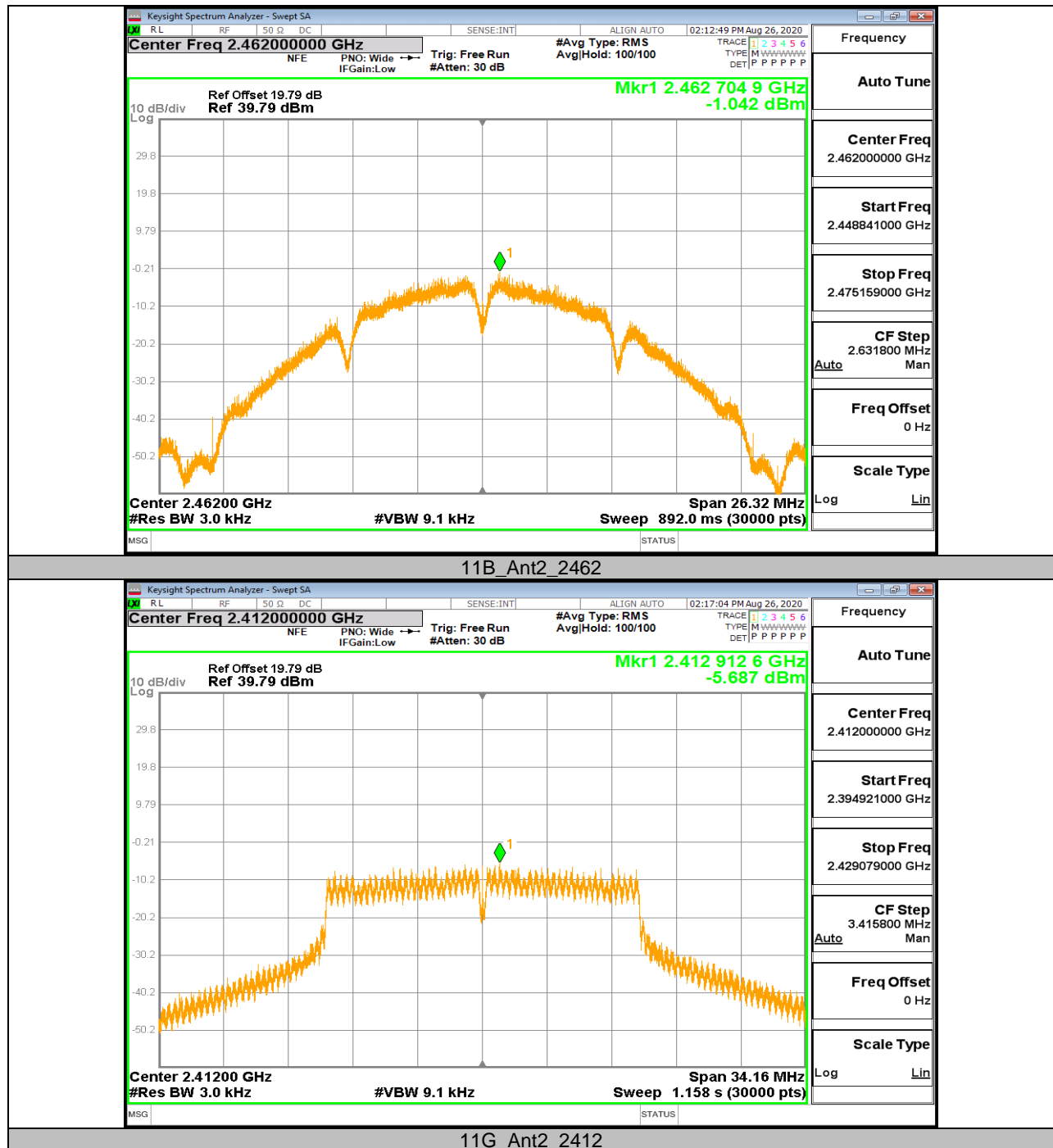
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-0.01	<=8	PASS
		2437	-0.01	<=8	PASS
		2462	-1.04	<=8	PASS
11G	Ant1	2412	-5.69	<=8	PASS
		2437	-6.3	<=8	PASS
		2462	-5.15	<=8	PASS
11N20MIMO	Ant1	2412	-7.09	<=8	PASS
	Ant2	2412	-6.74	<=8	PASS
	total	2412	-3.90	<=8	PASS
	Ant1	2437	-7.26	<=8	PASS
	Ant2	2437	-4.92	<=8	PASS
	total	2437	-2.92	<=8	PASS
	Ant1	2462	-8.66	<=8	PASS
	Ant2	2462	-9.37	<=8	PASS
	total	2462	-5.99	<=8	PASS
11N40MIMO	Ant1	2422	-12.31	<=8	PASS
	Ant2	2422	-11.35	<=8	PASS
	total	2422	-8.79	<=8	PASS
	Ant1	2437	-11.29	<=8	PASS
	Ant2	2437	-10.54	<=8	PASS
	total	2437	-7.89	<=8	PASS
	Ant1	2452	-14.79	<=8	PASS
	Ant2	2452	-14.89	<=8	PASS
	total	2452	-11.83	<=8	PASS

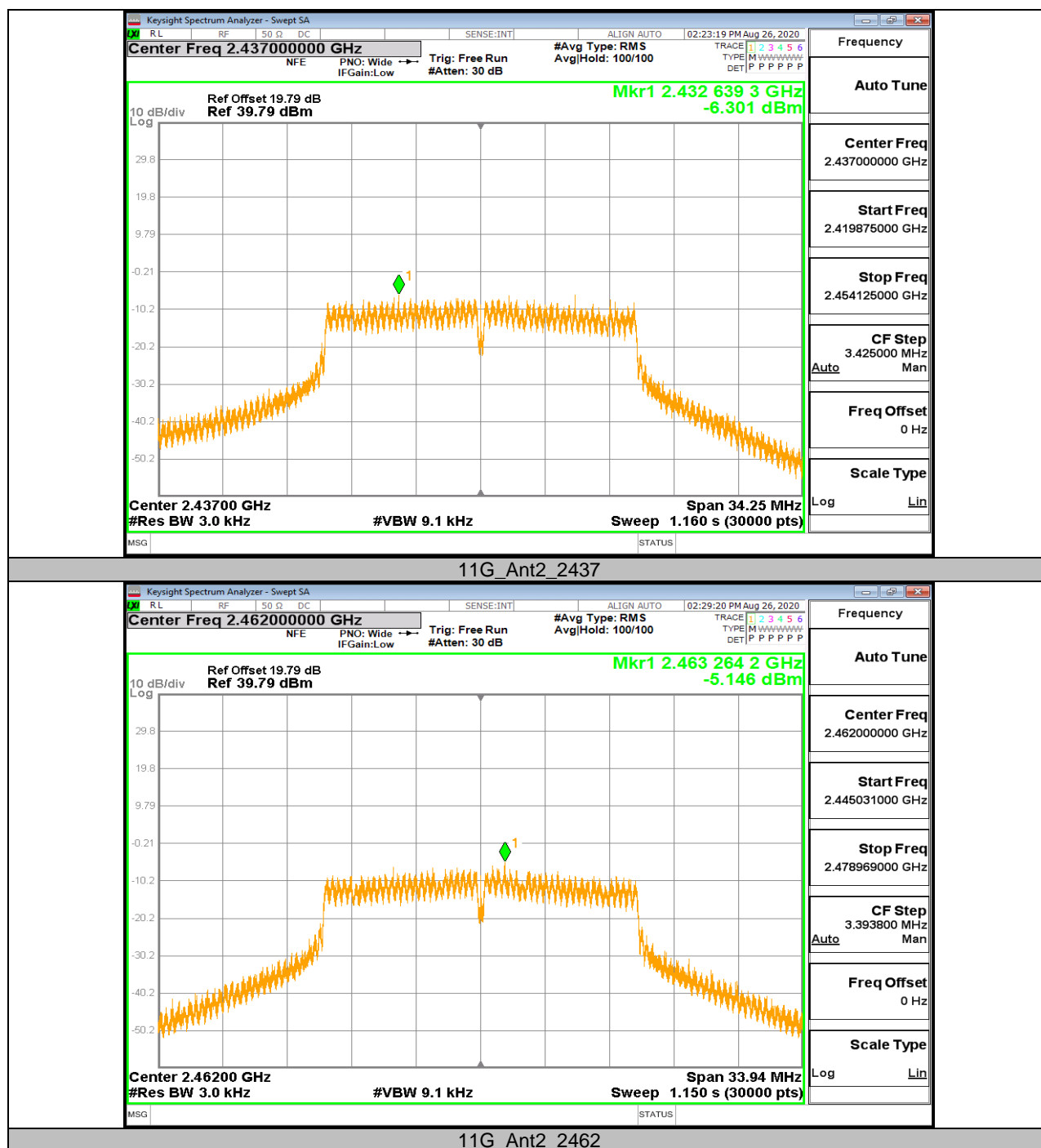
Note: For 802.11b & g modes, both antennas had been tested, only the worst data was recorded in the report.



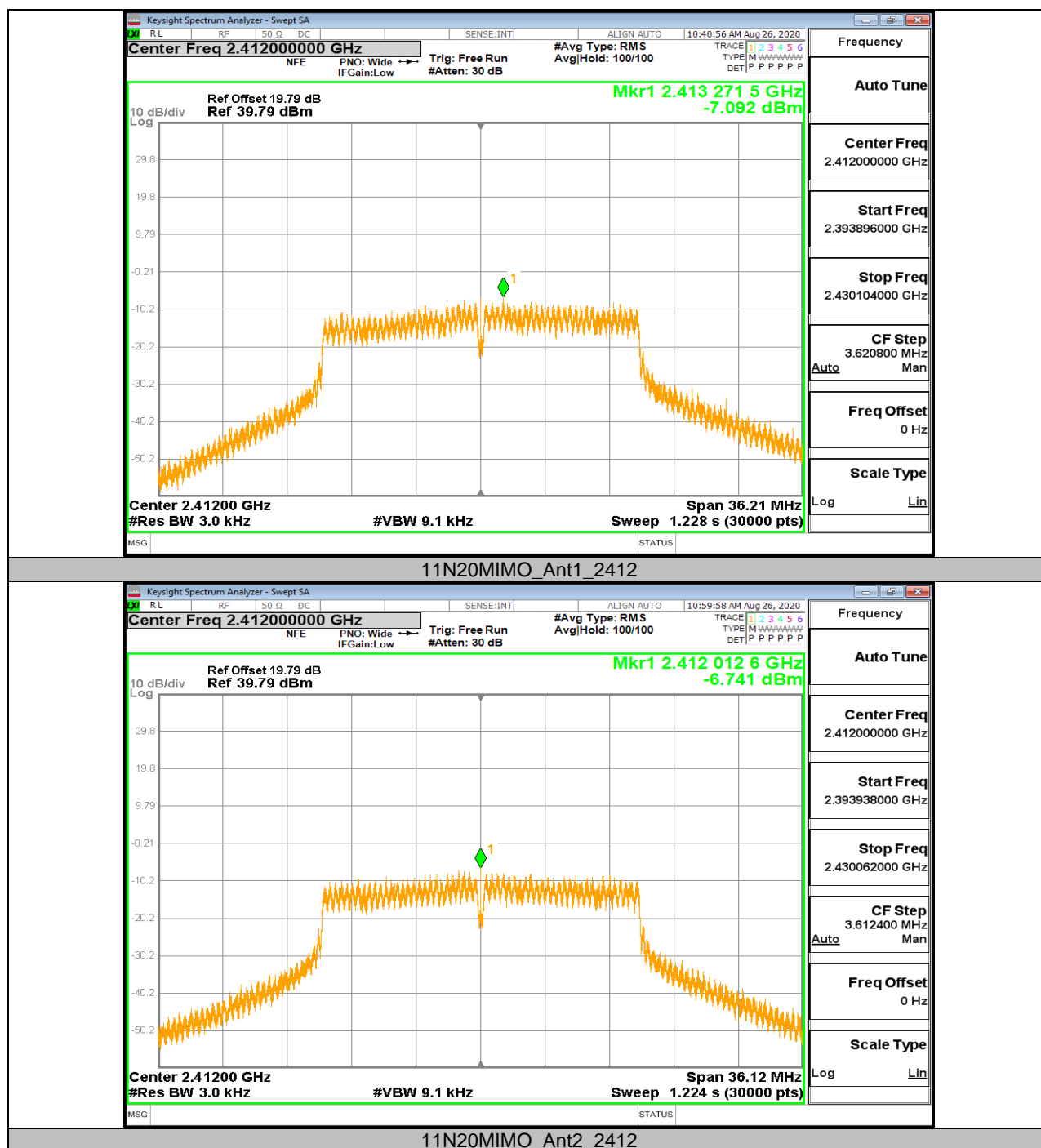
## Test Graphs

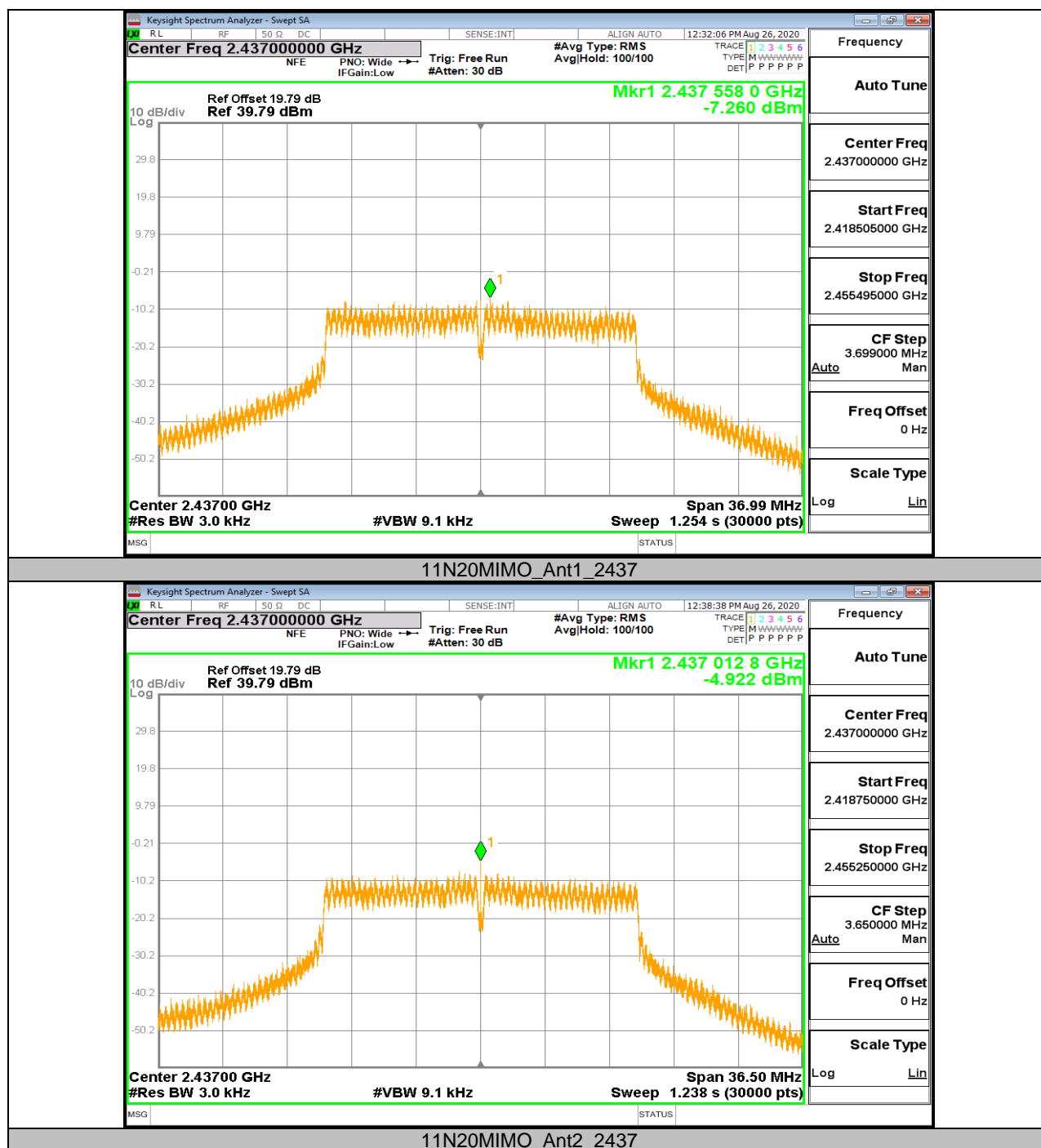


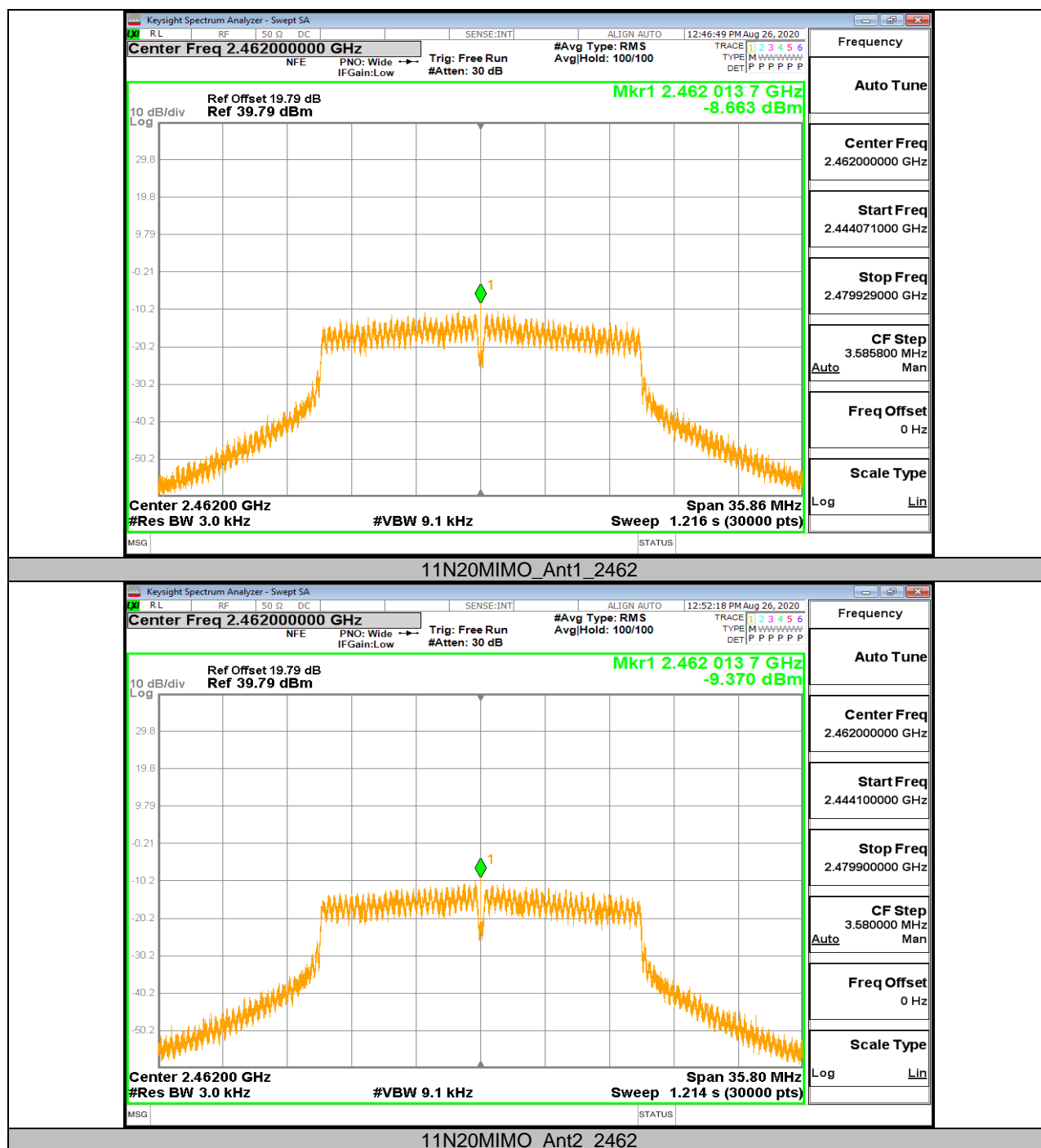


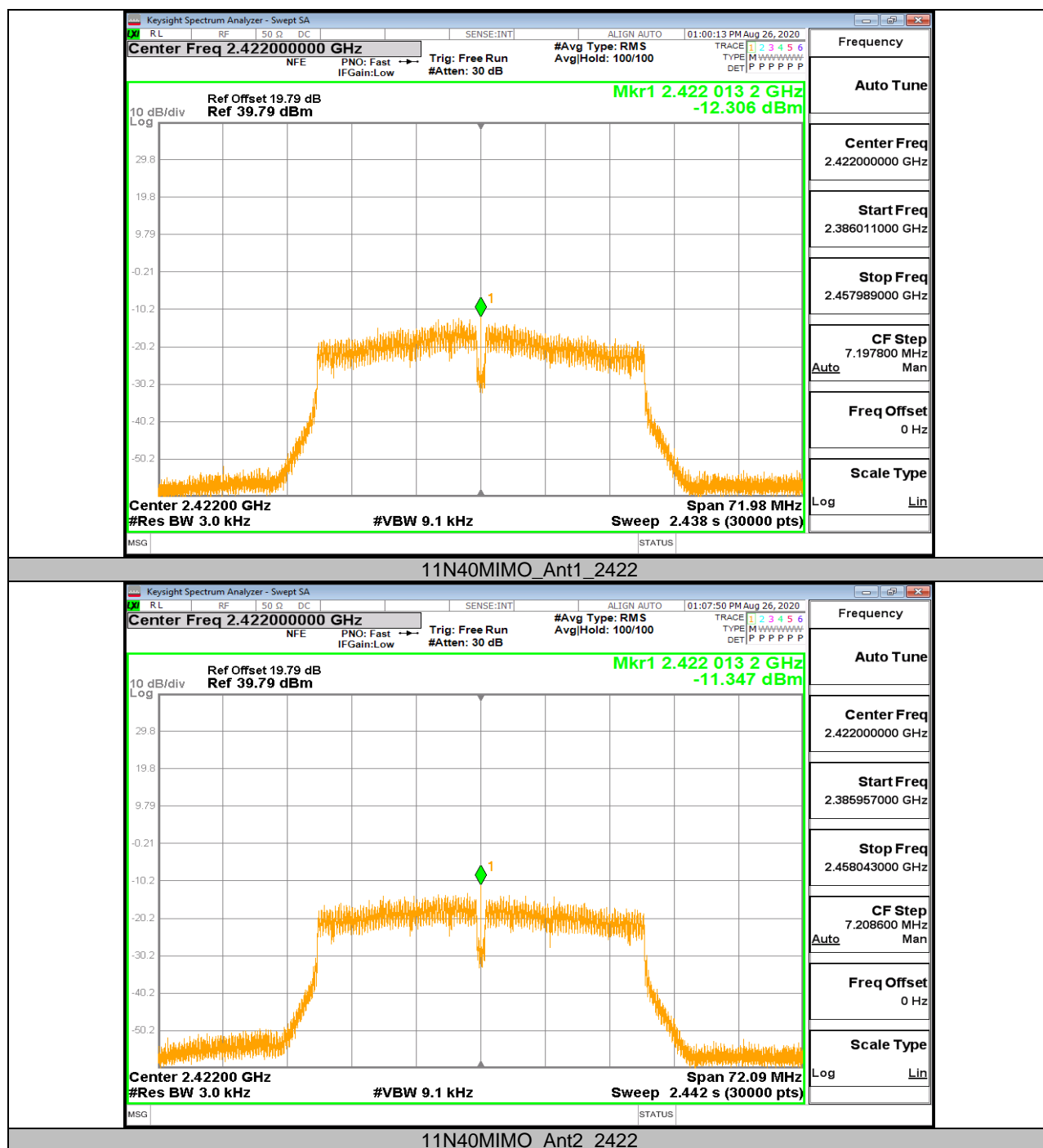


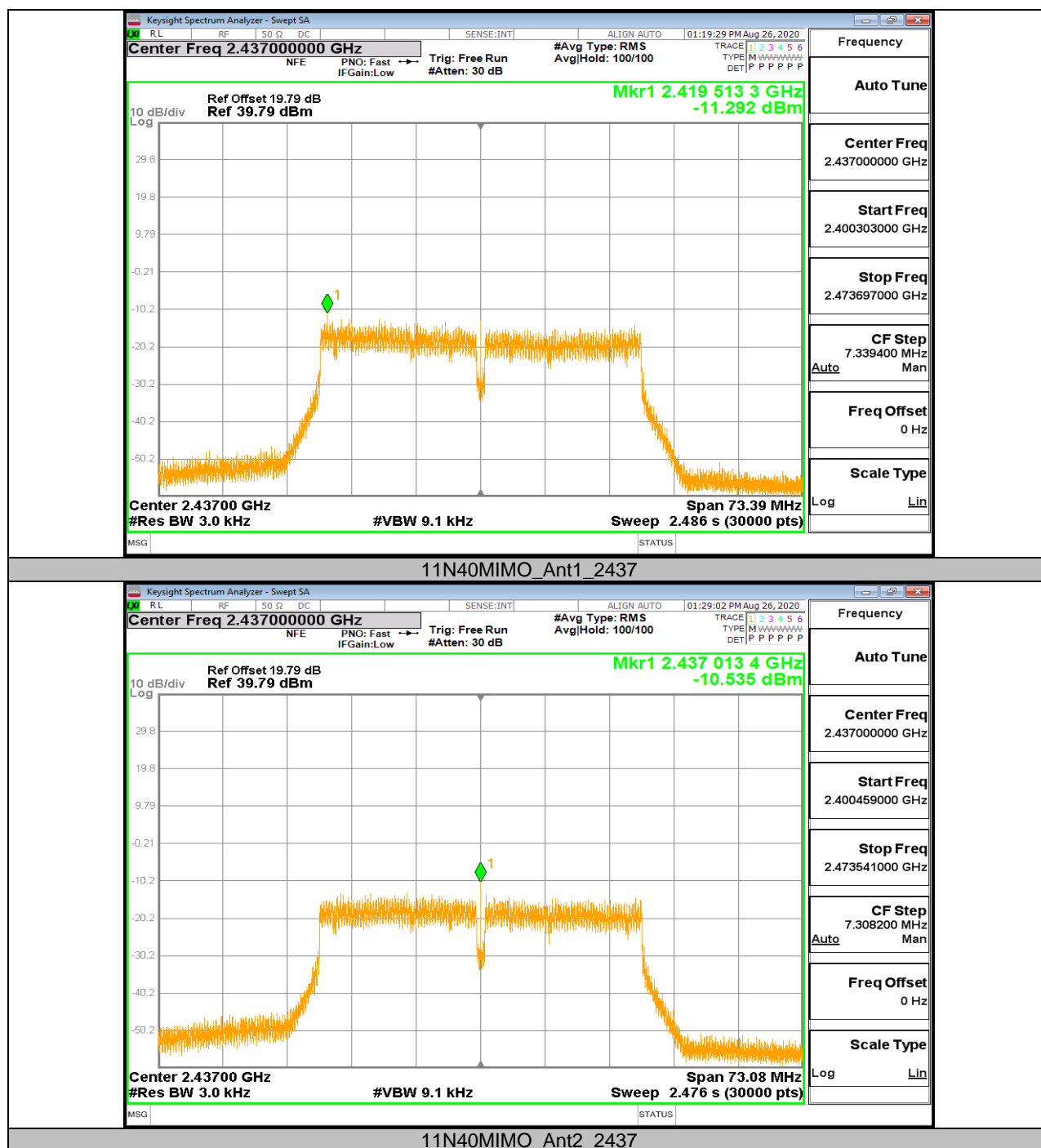


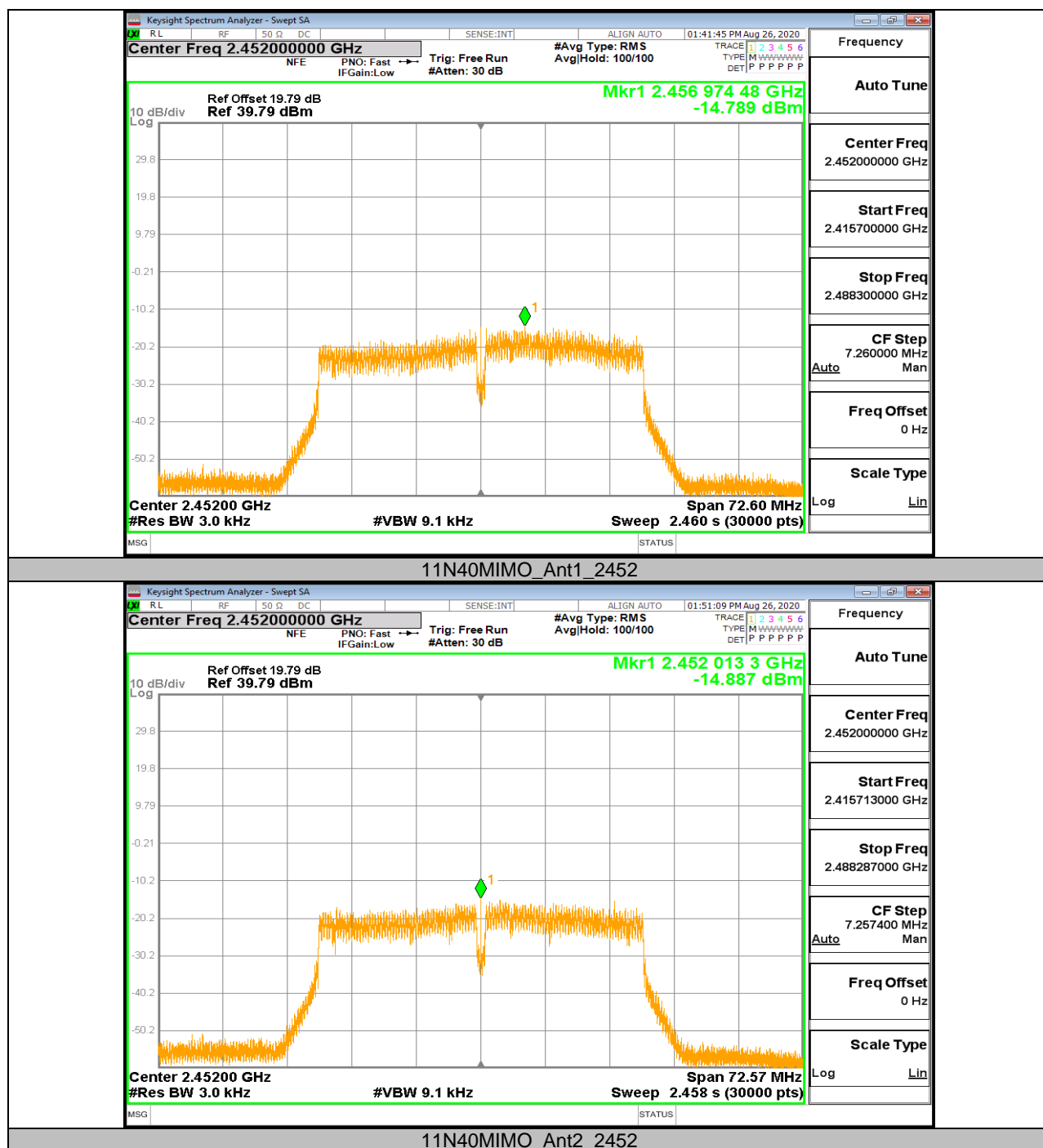














## APPENDIX F: CONDUCTED BANDEDGE

### Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	13.50	-23.6	<=-16.5	PASS
		High	2462	12.00	-39.89	<=-18	PASS
11G	Ant2	Low	2412	7.68	-22.6	<=-22.33	PASS
		High	2462	8.51	-39.94	<=-21.49	PASS
11N20MIMO	Ant1	Low	2412	5.53	-25.57	<=-24.47	PASS
	Ant2	Low	2412	6.21	-24.8	<=-23.79	PASS
	Ant1	High	2462	4.35	-40.87	<=-25.65	PASS
	Ant2	High	2462	3.34	-40.46	<=-26.66	PASS
11N40MIMO	Ant1	Low	2422	1.50	-37.65	<=-28.5	PASS
	Ant2	Low	2422	1.22	-32.85	<=-28.78	PASS
	Ant1	High	2452	-0.26	-39.47	<=-30.26	PASS
	Ant2	High	2452	-0.91	-36.97	<=-30.91	PASS

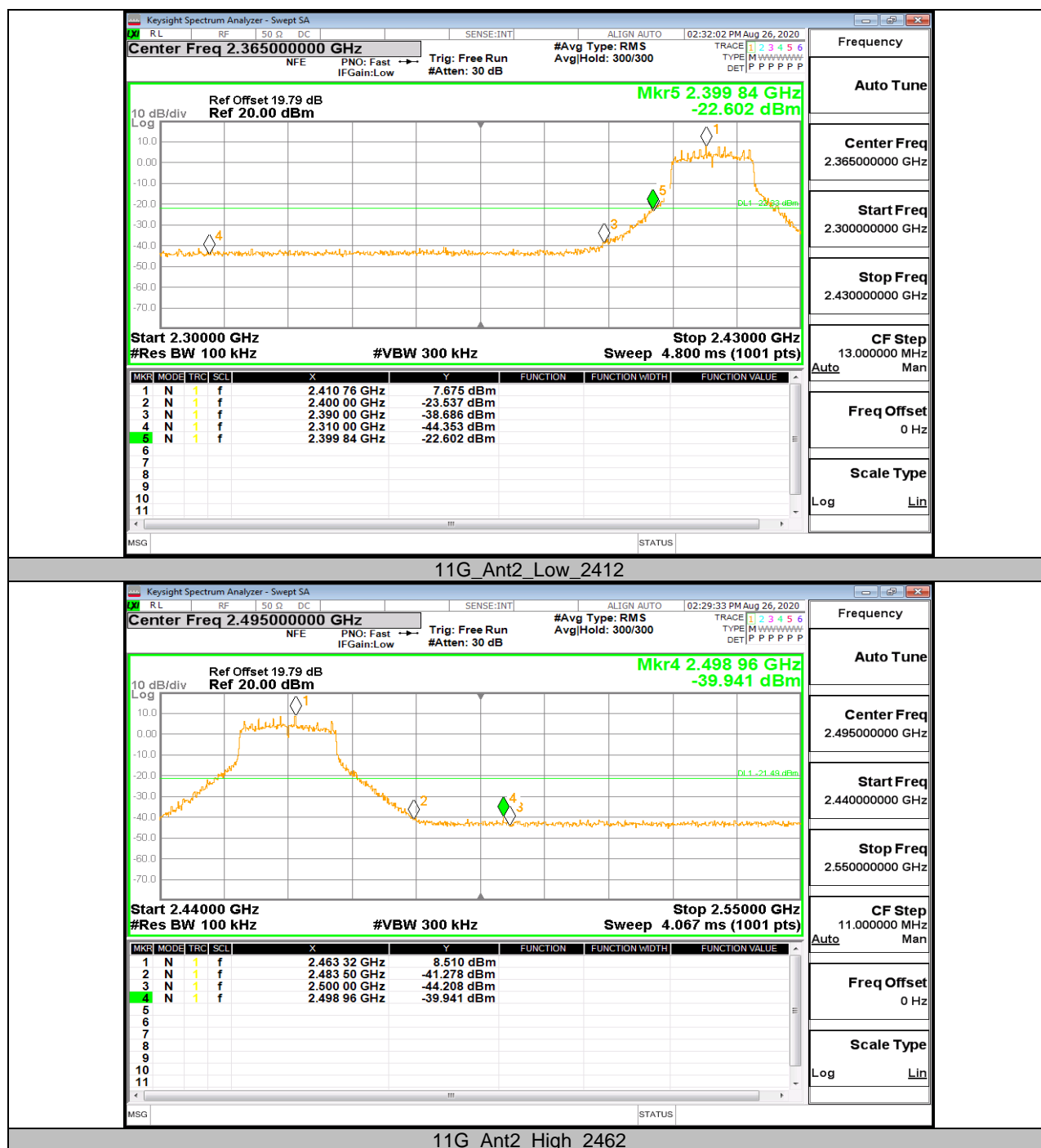
Note: For 802.11b & g modes, both antennas had been tested, only the worst data was recorded in the report.

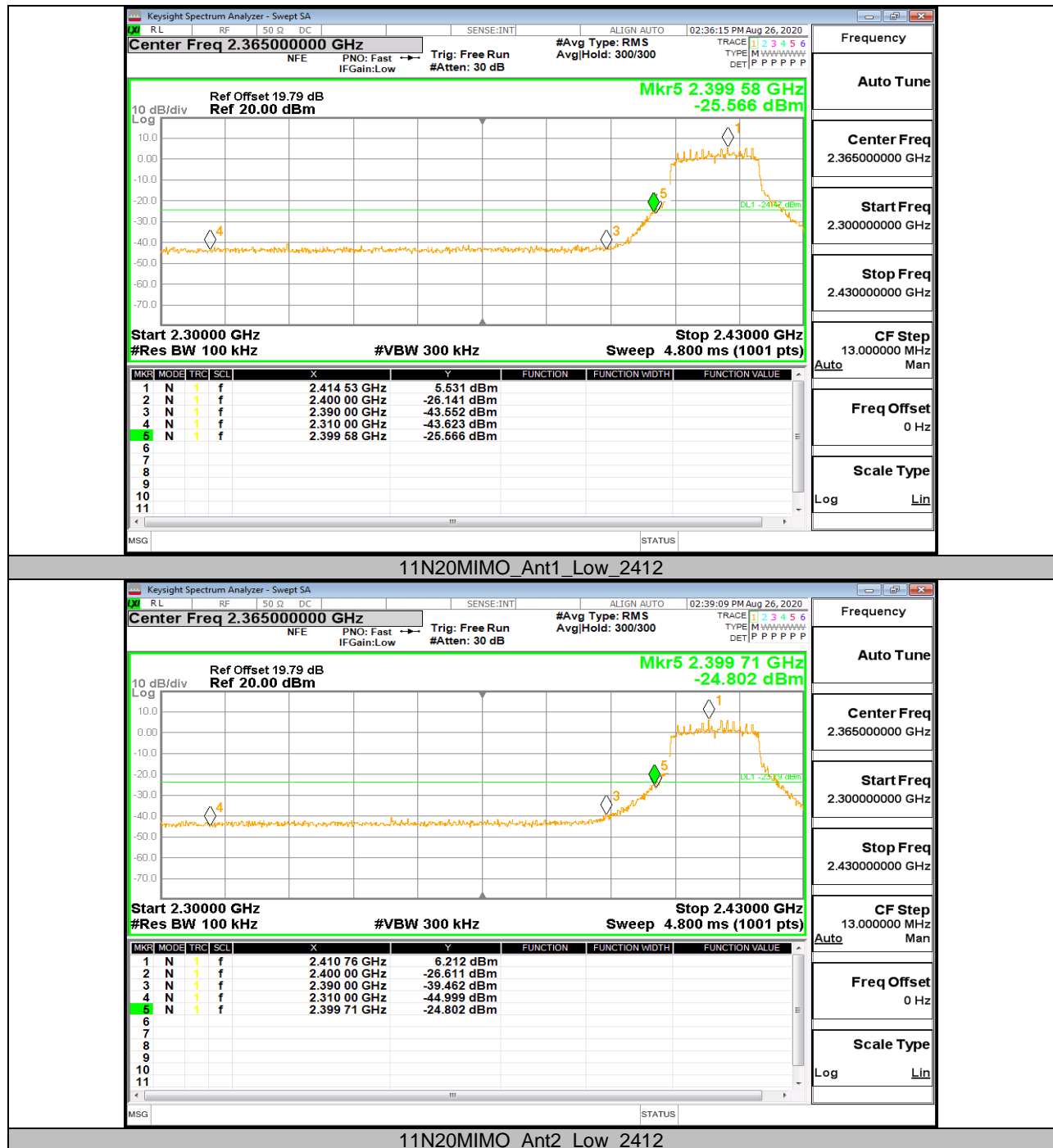


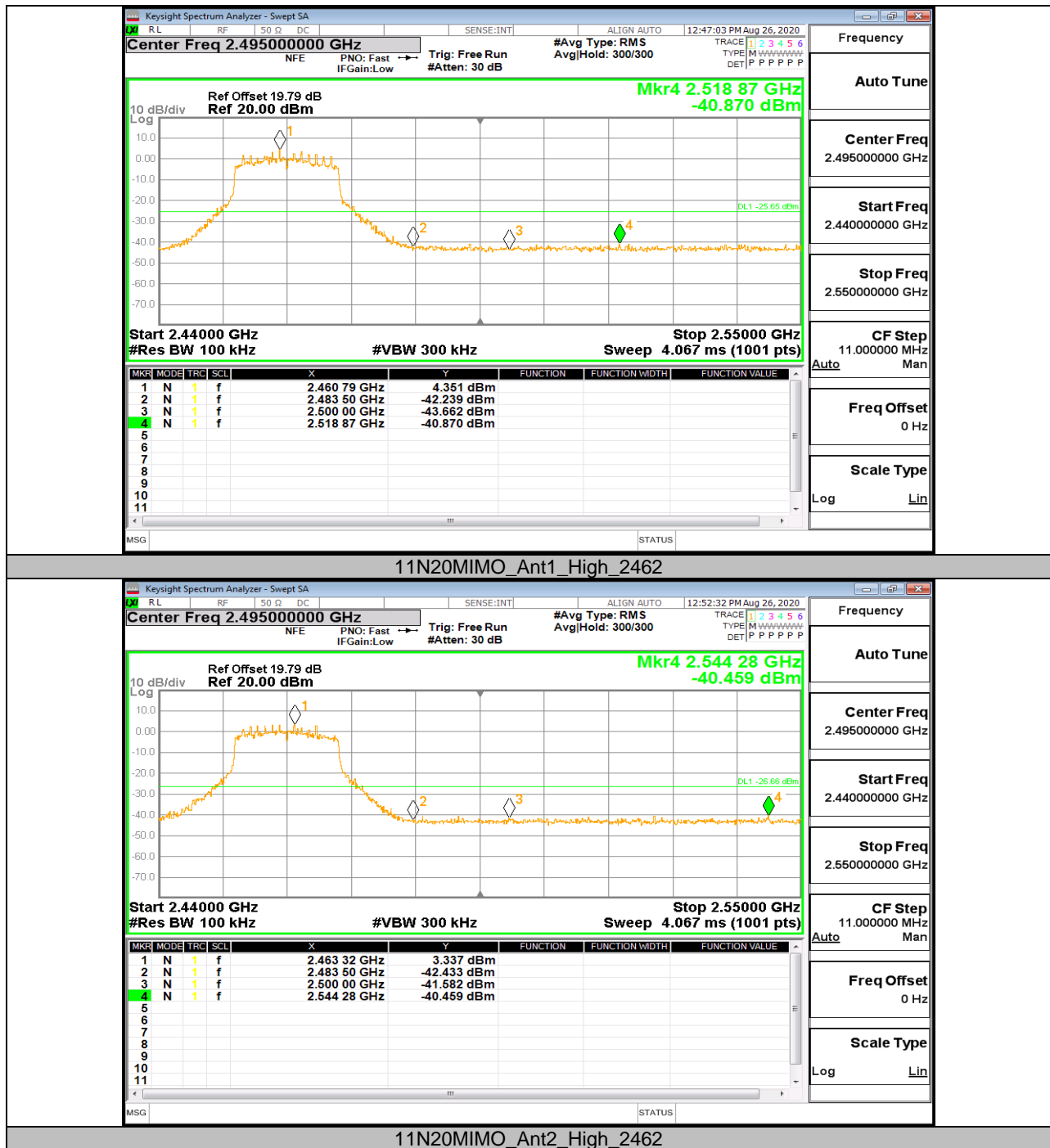
## Test Graphs

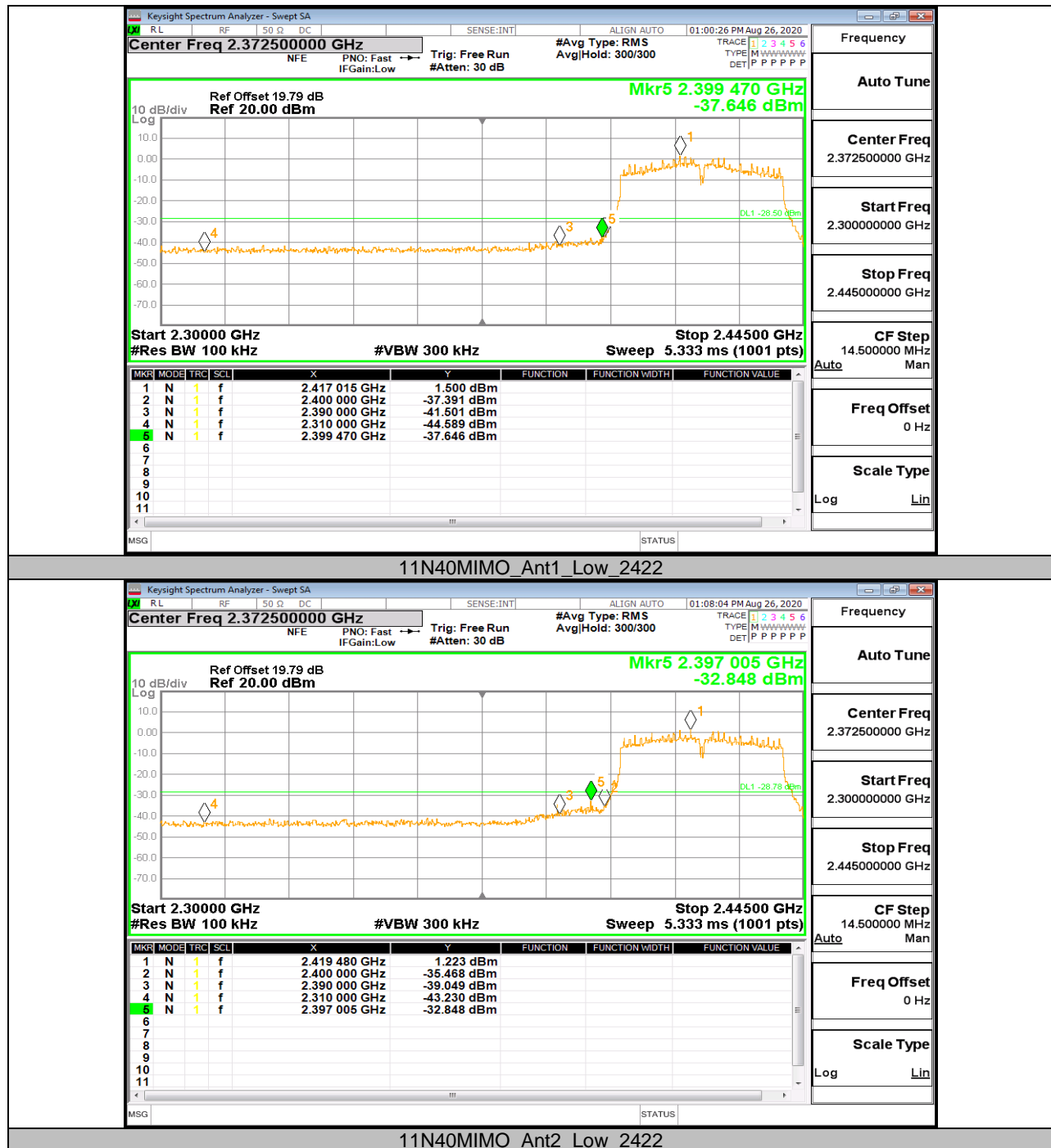


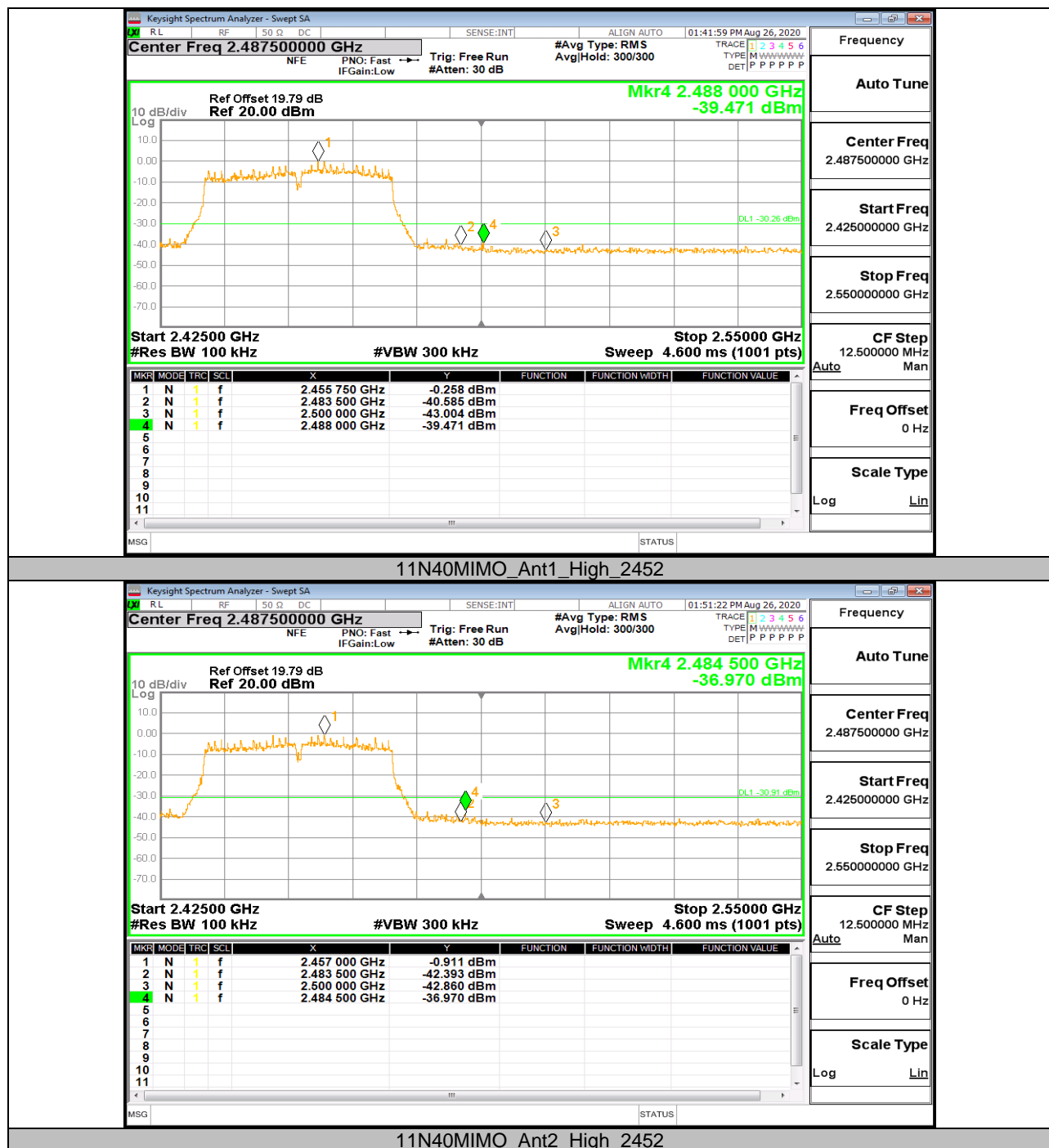












**APPENDIX G: CONDUCTED SPURIOUS EMISSION****Test Result**

Test Mode	Antenna	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	13.46	13.46	---	PASS
			30~1000	---	-52.577	<=-16.544	PASS
			1000~26500	---	-43.469	<=-16.544	PASS
		2437	Reference	12.50	12.50	---	PASS
			30~1000	---	-53.725	<=-17.504	PASS
			1000~26500	---	-44.533	<=-17.504	PASS
		2462	Reference	11.59	11.59	---	PASS
			30~1000	---	-52.254	<=-18.407	PASS
			1000~26500	---	-43.218	<=-18.407	PASS
11G	Ant2	2412	Reference	8.10	8.10	---	PASS
			30~1000	---	-53.753	<=-21.899	PASS
			1000~26500	---	-44.493	<=-21.899	PASS
		2437	Reference	7.55	7.55	---	PASS
			30~1000	---	-53.653	<=-22.452	PASS
			1000~26500	---	-44.151	<=-22.452	PASS
		2462	Reference	8.29	8.29	---	PASS
			30~1000	---	-53.106	<=-21.708	PASS
			1000~26500	---	-44.285	<=-21.708	PASS
11N20MIMO	Ant1	2412	Reference	5.21	5.21	---	PASS
			30~1000	---	-52.939	<=-24.789	PASS
			1000~26500	---	-45.013	<=-24.789	PASS
	Ant2	2412	Reference	7.15	7.15	---	PASS
			30~1000	---	-52.84	<=-22.846	PASS
			1000~26500	---	-43.716	<=-22.846	PASS
	Ant1	2437	Reference	6.10	6.10	---	PASS
			30~1000	---	-53.768	<=-23.901	PASS
			1000~26500	---	-44.678	<=-23.901	PASS
	Ant2	2437	Reference	6.62	6.62	---	PASS
			30~1000	---	-52.155	<=-23.376	PASS
			1000~26500	---	-44.452	<=-23.376	PASS
	Ant1	2462	Reference	3.35	3.35	---	PASS
			30~1000	---	-52.558	<=-26.653	PASS
			1000~26500	---	-44.547	<=-26.653	PASS
	Ant2	2462	Reference	3.17	3.17	---	PASS
			30~1000	---	-53.369	<=-26.831	PASS
			1000~26500	---	-43.919	<=-26.831	PASS
11N40MIMO	Ant1	2422	Reference	1.03	1.03	---	PASS
			30~1000	---	-52.593	<=-28.97	PASS
			1000~26500	---	-43.935	<=-28.97	PASS
	Ant2	2422	Reference	1.35	1.35	---	PASS
			30~1000	---	-52.588	<=-28.652	PASS
			1000~26500	---	-44.518	<=-28.652	PASS
	Ant1	2437	Reference	1.39	1.39	---	PASS
			30~1000	---	-52.824	<=-28.611	PASS
			1000~26500	---	-43.853	<=-28.611	PASS
	Ant2	2437	Reference	0.90	0.90	---	PASS
			30~1000	---	-53.162	<=-29.099	PASS
			1000~26500	---	-43.641	<=-29.099	PASS
	Ant1	2452	Reference	-0.12	-0.12	---	PASS
			30~1000	---	-53.161	<=-30.12	PASS
			1000~26500	---	-44.189	<=-30.12	PASS
	Ant2	2452	Reference	-0.24	-0.24	---	PASS
			30~1000	---	-52.557	<=-30.237	PASS
			1000~26500	---	-44.315	<=-30.237	PASS



Note: For 802.11b & g modes, both antennas had been tested, only the worst data was recorded in the report.



## Test Graphs

