

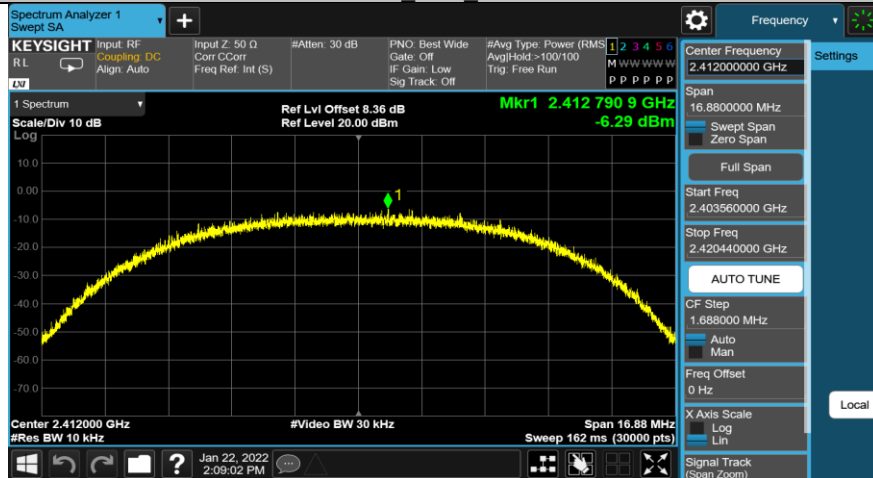
Appendix C: Test Results of Wi-Fi 802.11 b/g/n

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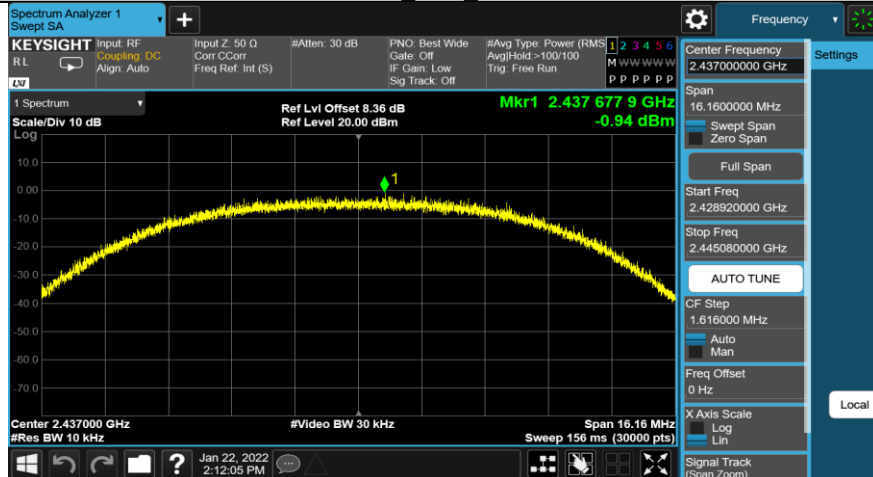
Appendix C.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.29	≤8	PASS
		2437	-0.94	≤8	PASS
		2462	-6.73	≤8	PASS
11G	Ant1	2412	-7	≤8	PASS
		2437	-2.93	≤8	PASS
		2462	-7.41	≤8	PASS
11N20SISO	Ant1	2412	-7.94	≤8	PASS
		2437	-3.27	≤8	PASS
		2462	-7.7	≤8	PASS
11N40SISO	Ant1	2422	-11.18	≤8	PASS
		2437	-7.97	≤8	PASS
		2452	-9.64	≤8	PASS

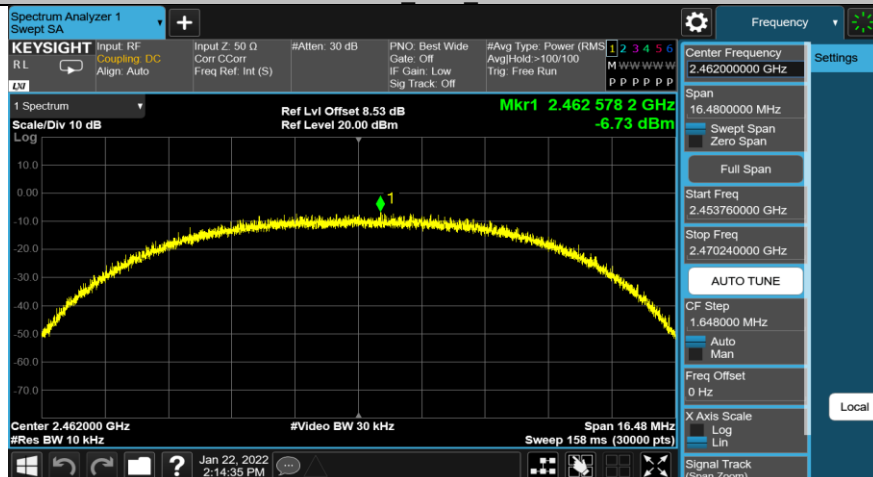
11B_Ant1_2412

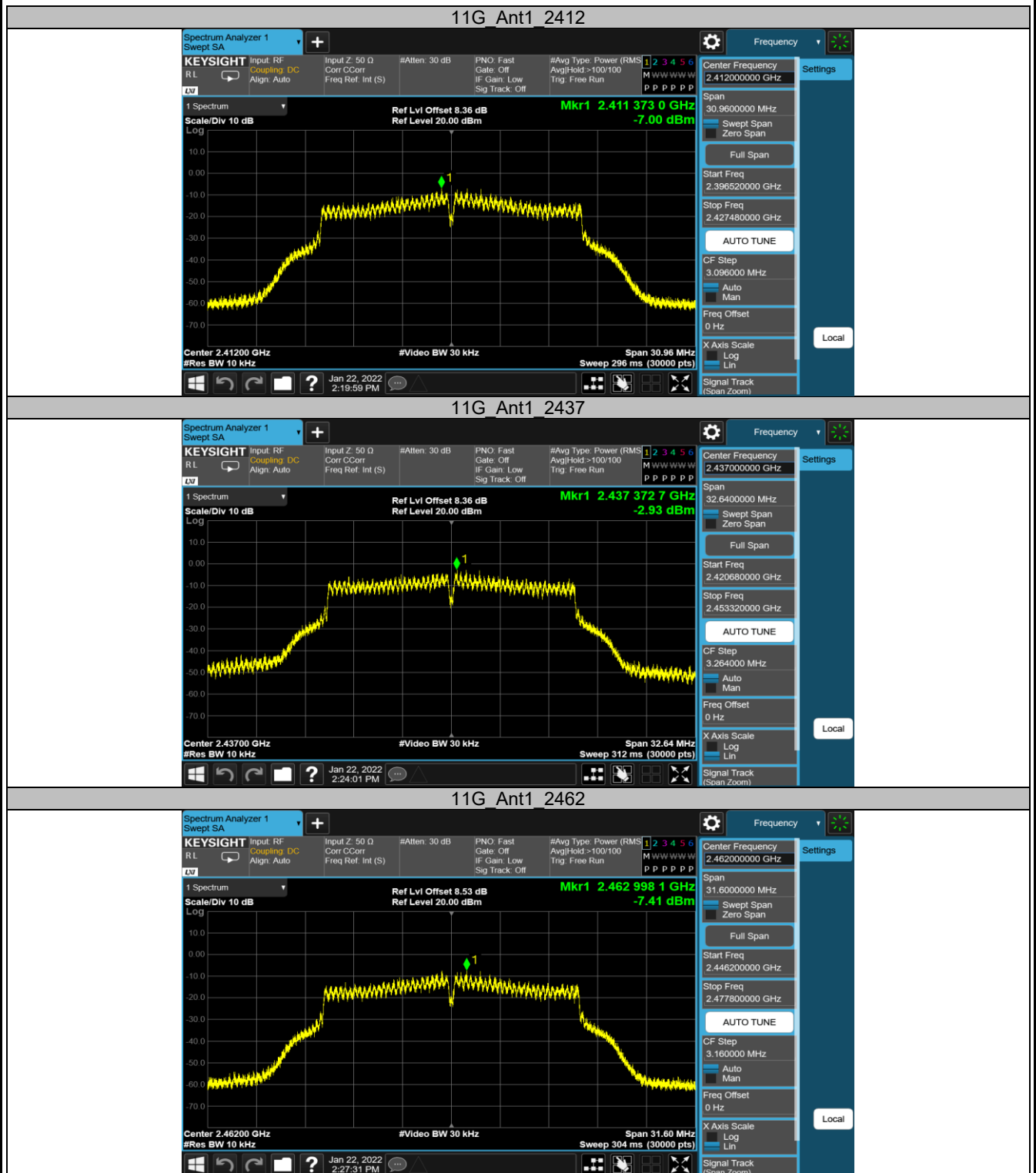


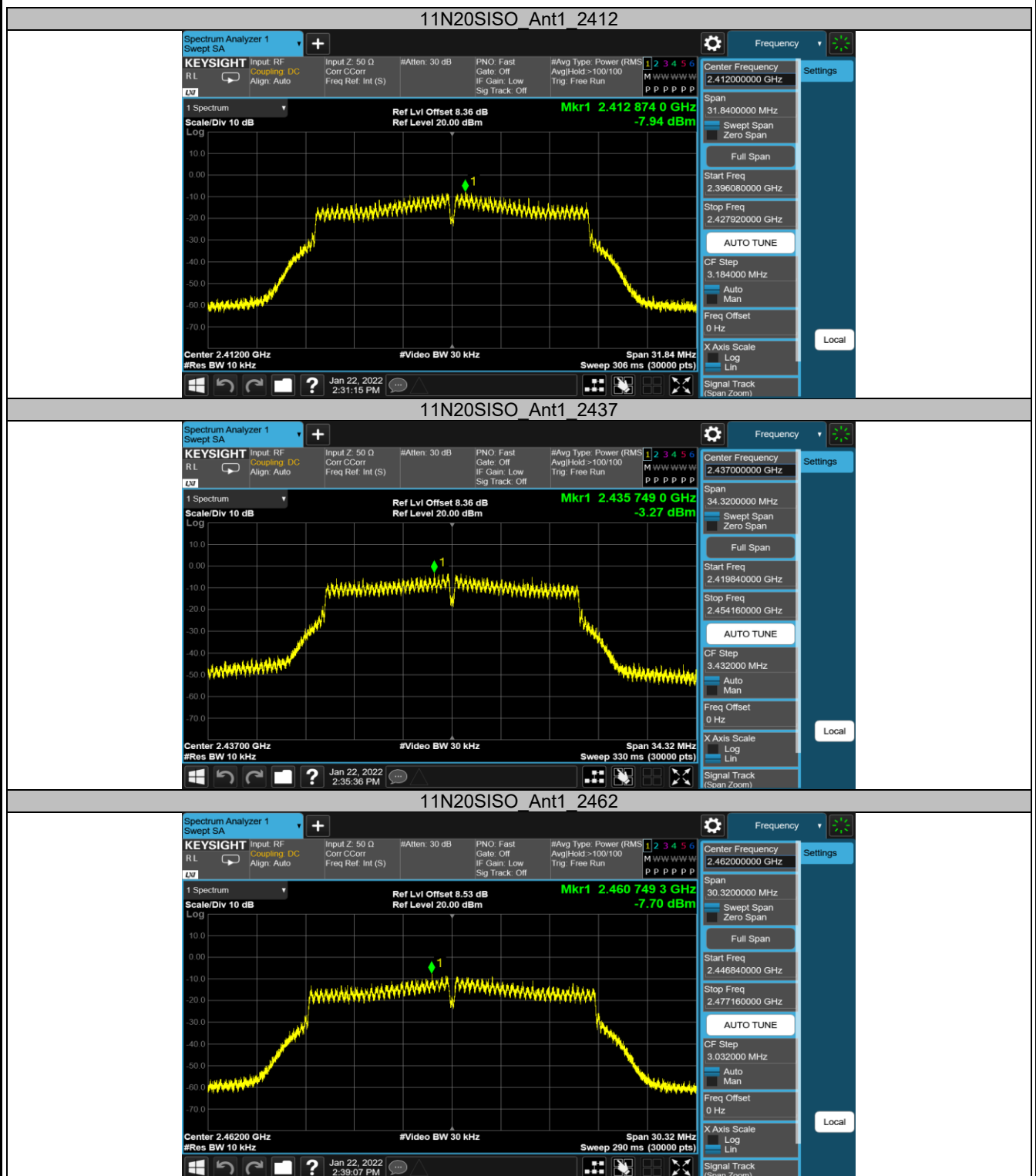
11B_Ant1_2437

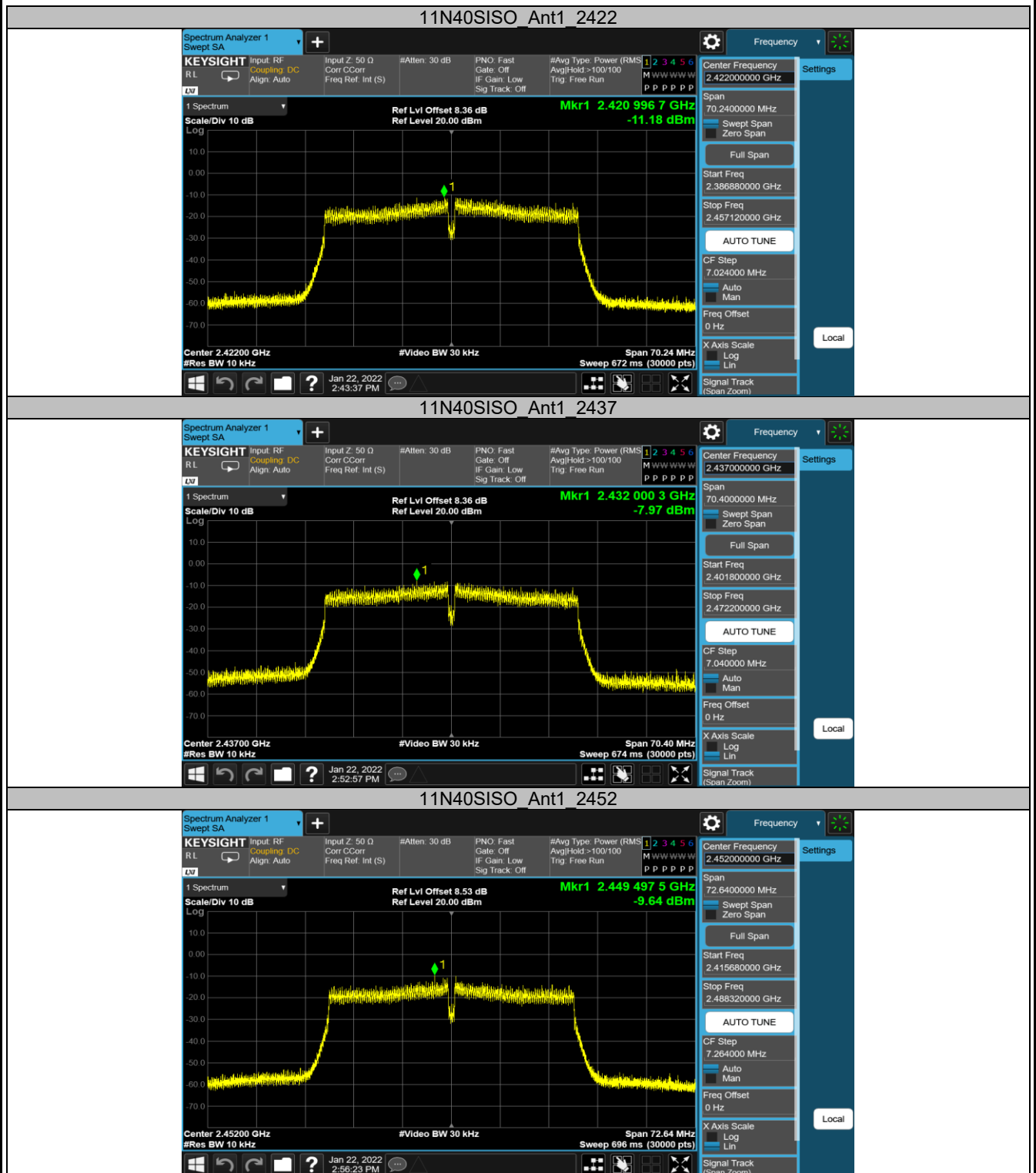


11B_Ant1_2462







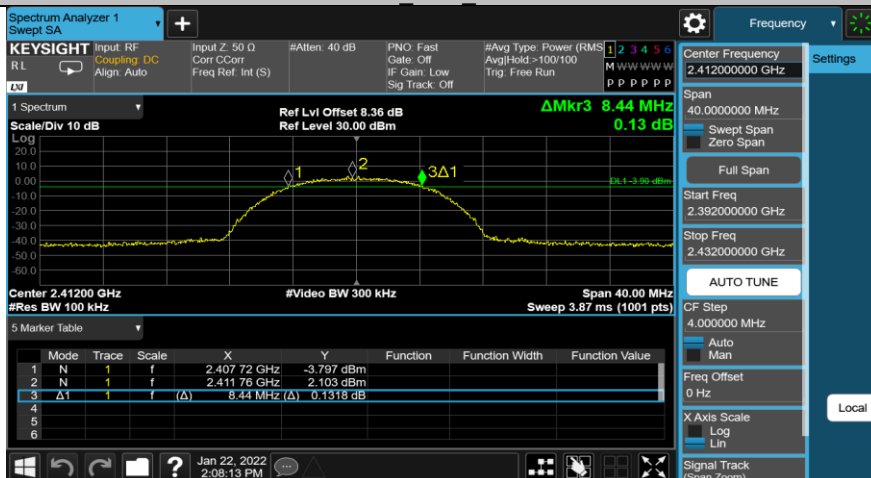


Appendix C.2: Test Results of 6dB Bandwidth

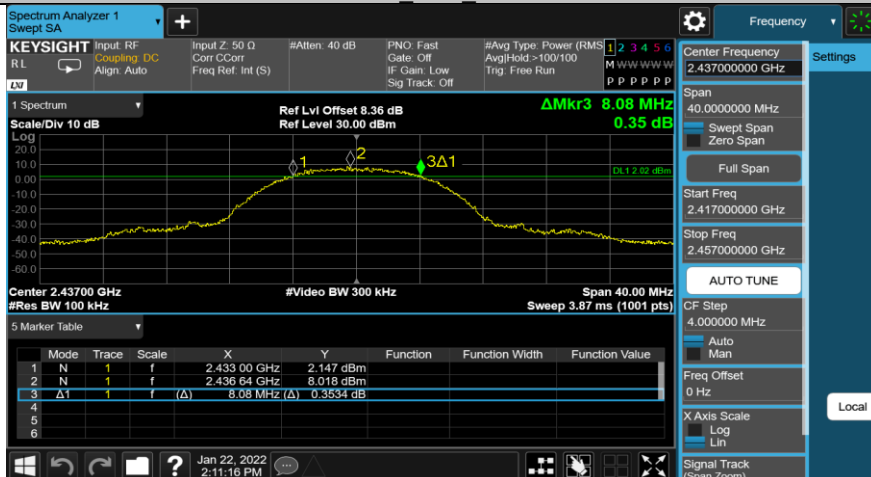
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.440	2407.720	2416.160	0.5	PASS
		2437	8.080	2433.000	2441.080	0.5	PASS
		2462	8.240	2458.080	2466.320	0.5	PASS
11G	Ant1	2412	15.480	2404.120	2419.600	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	15.800	2454.120	2469.920	0.5	PASS
11N20SISO	Ant1	2412	15.920	2404.440	2420.360	0.5	PASS
		2437	17.160	2428.240	2445.400	0.5	PASS
		2462	15.160	2454.400	2469.560	0.5	PASS
11N40SISO	Ant1	2422	35.120	2404.480	2439.600	0.5	PASS
		2437	35.200	2419.400	2454.600	0.5	PASS
		2452	36.320	2433.840	2470.160	0.5	PASS

Maximum conducted (average) output power used to determine compliance with the power limit, thus the peak power in any 100 kHz bandwidth outside of the authorized frequency band attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz.

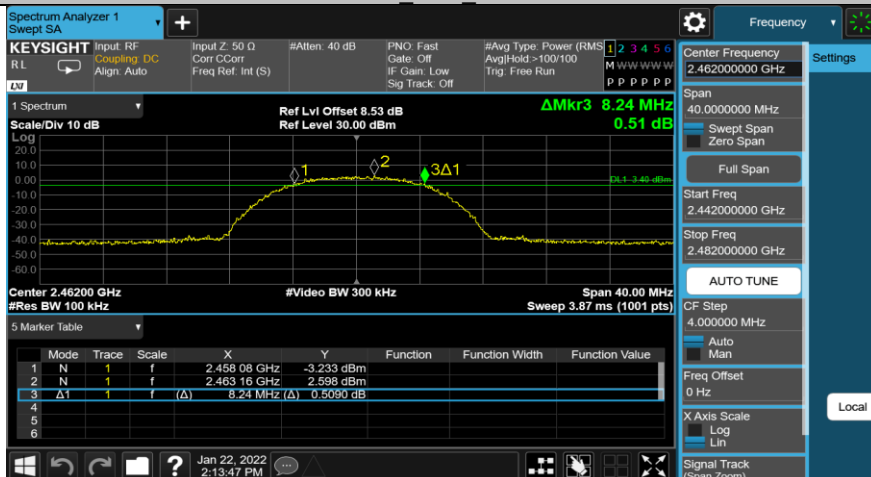
11B_Ant1_2412



11B_Ant1_2437



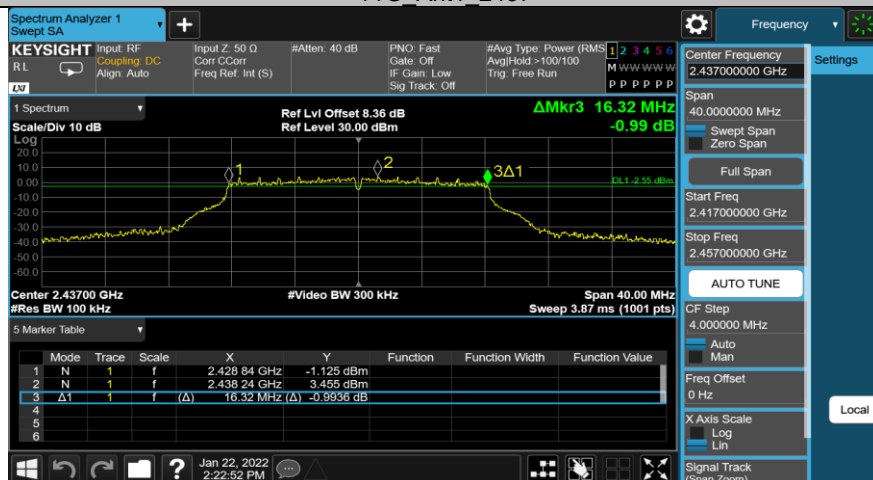
11B_Ant1_2462



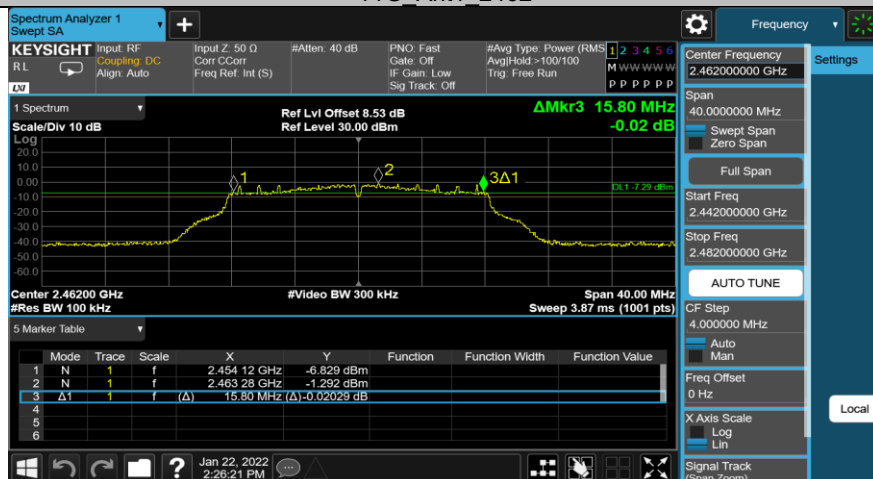
11G_Ant1_2412

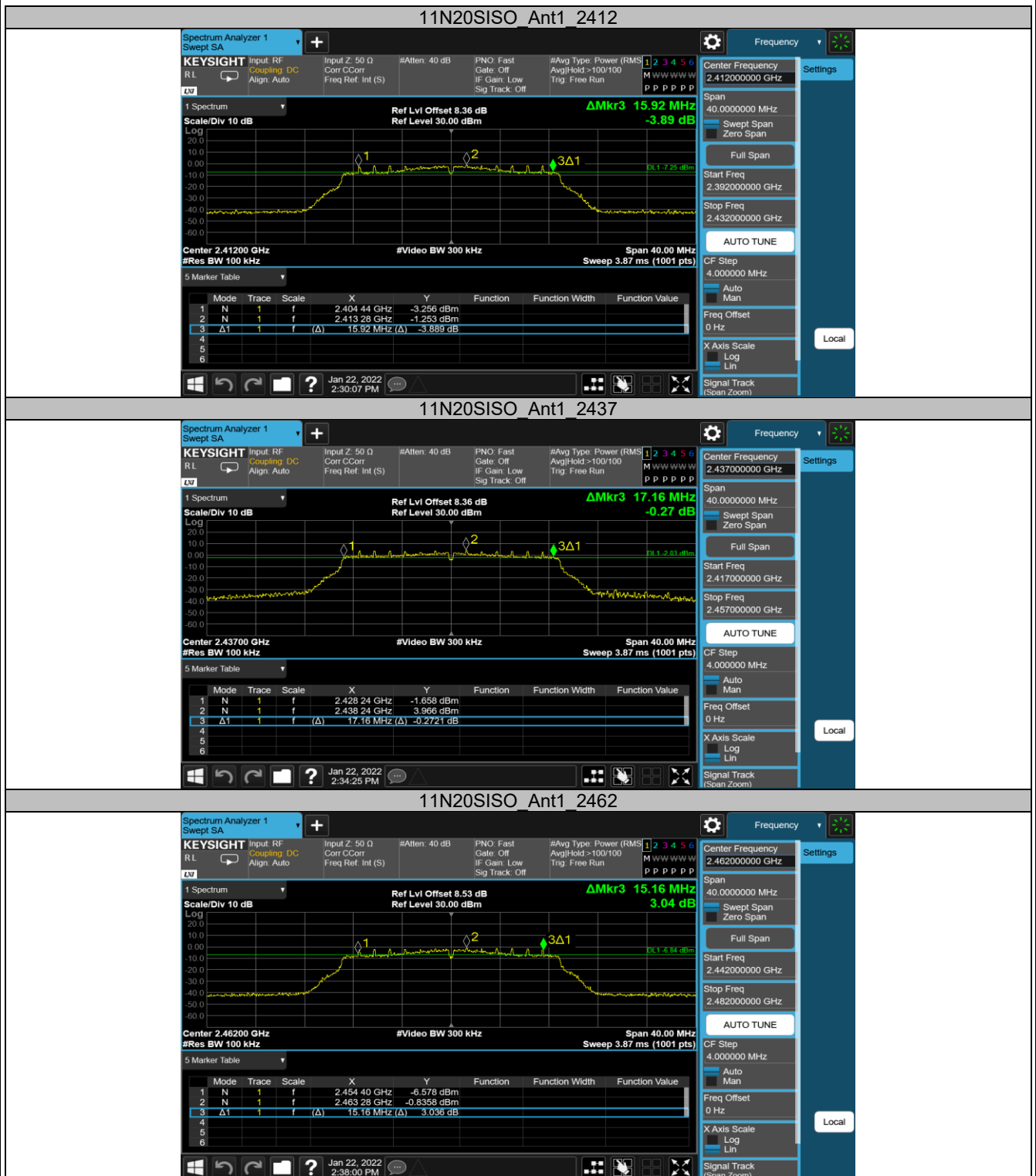


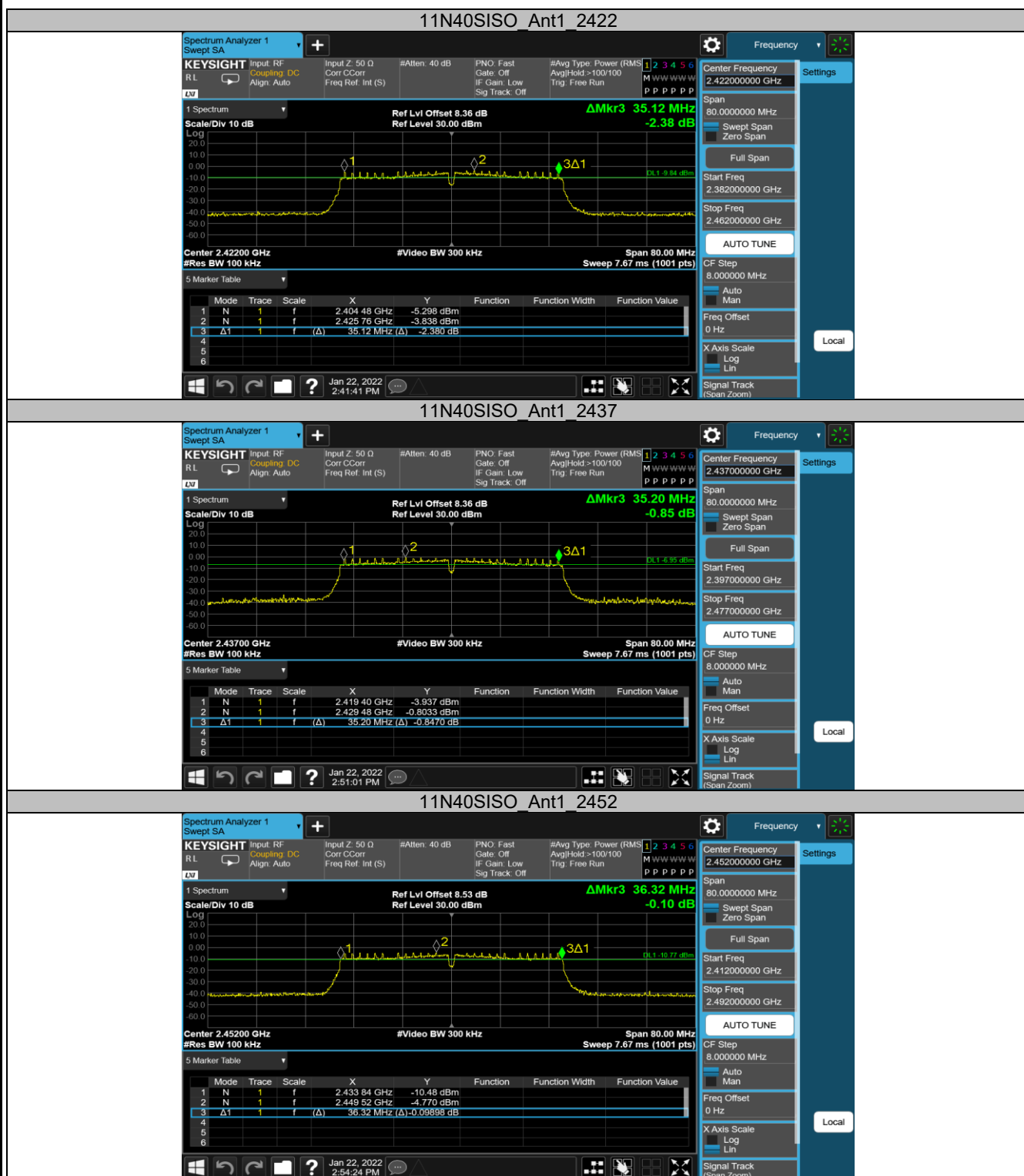
11G_Ant1_2437



11G_Ant1_2462







Appendix C.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.332	2406.393	2417.725	---	PASS
		2437	11.503	2431.181	2442.684	---	PASS
		2462	11.404	2456.353	2467.757	---	PASS
11G	Ant1	2412	16.858	2403.615	2420.473	---	PASS
		2437	17.101	2428.408	2445.509	---	PASS
		2462	16.954	2453.548	2470.502	---	PASS
11N20SISO	Ant1	2412	18.005	2403.083	2421.088	---	PASS
		2437	18.135	2427.900	2446.035	---	PASS
		2462	17.958	2453.071	2471.029	---	PASS
11N40SISO	Ant1	2422	36.229	2403.898	2440.127	---	PASS
		2437	36.265	2418.853	2455.118	---	PASS
		2452	36.413	2433.816	2470.229	---	PASS



