

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

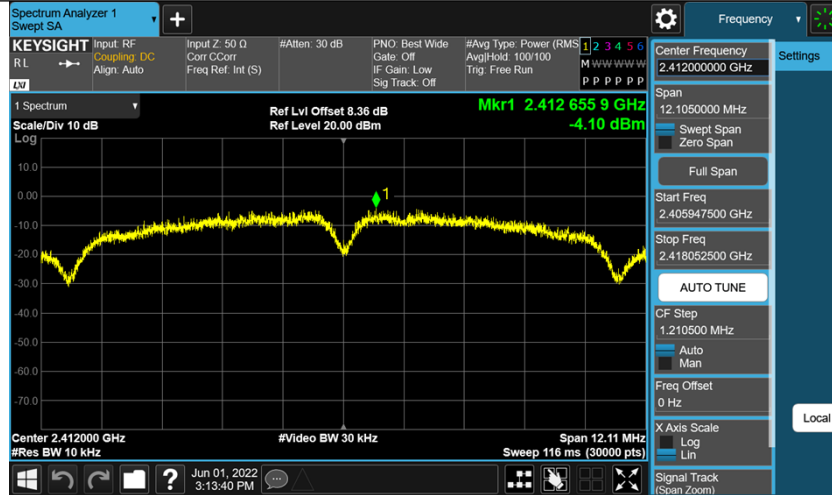
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Appendix B.1: Test Results of Conducted Peak Power Spectral Density

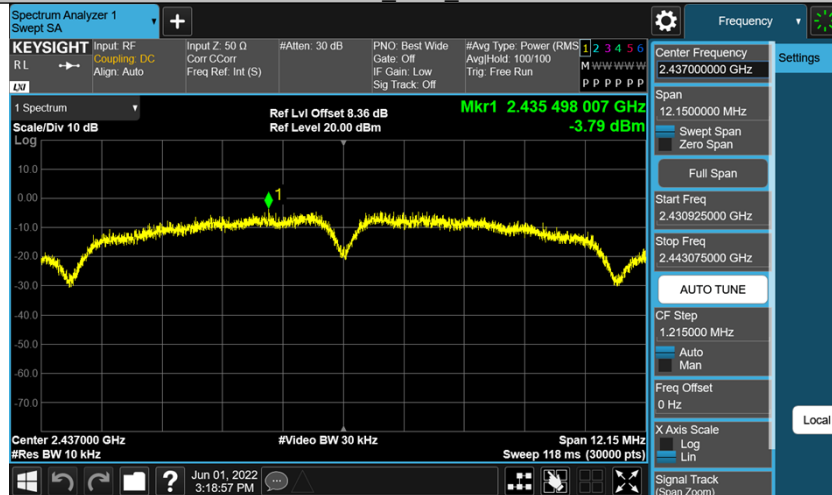
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant	2412	-4.1	≤8.00	PASS
		2437	-3.8	≤8.00	PASS
		2462	-4.42	≤8.00	PASS
11G	Ant1	2412	-6.42	≤8.00	PASS
		2437	-7.4	≤8.00	PASS
		2462	-7.33	≤8.00	PASS
11N20	Ant1	2412	-6.44	≤8.00	PASS
		2437	-7.19	≤8.00	PASS
		2462	-6.34	≤8.00	PASS
11N40	Ant1	2422	-8.95	≤8.00	PASS
		2437	-8.88	≤8.00	PASS
		2452	-8.86	≤8.00	PASS

Both Port 0 and Port 1 tested, only the worst-case reported.

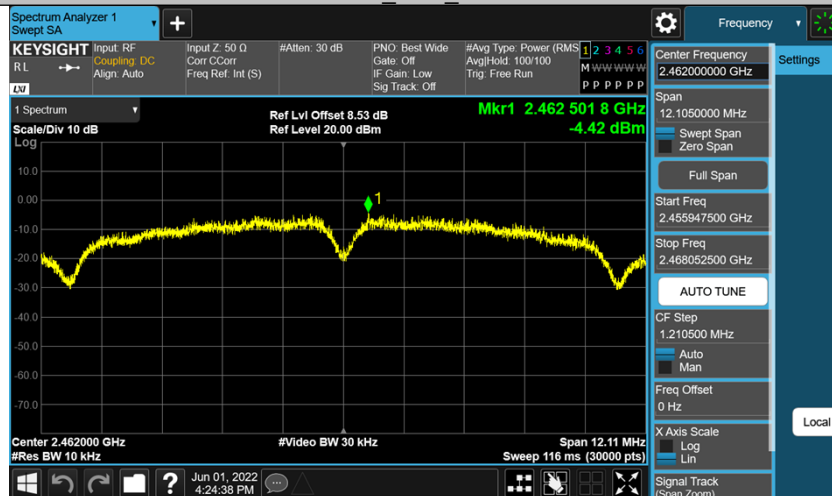
11B Ant1 2412



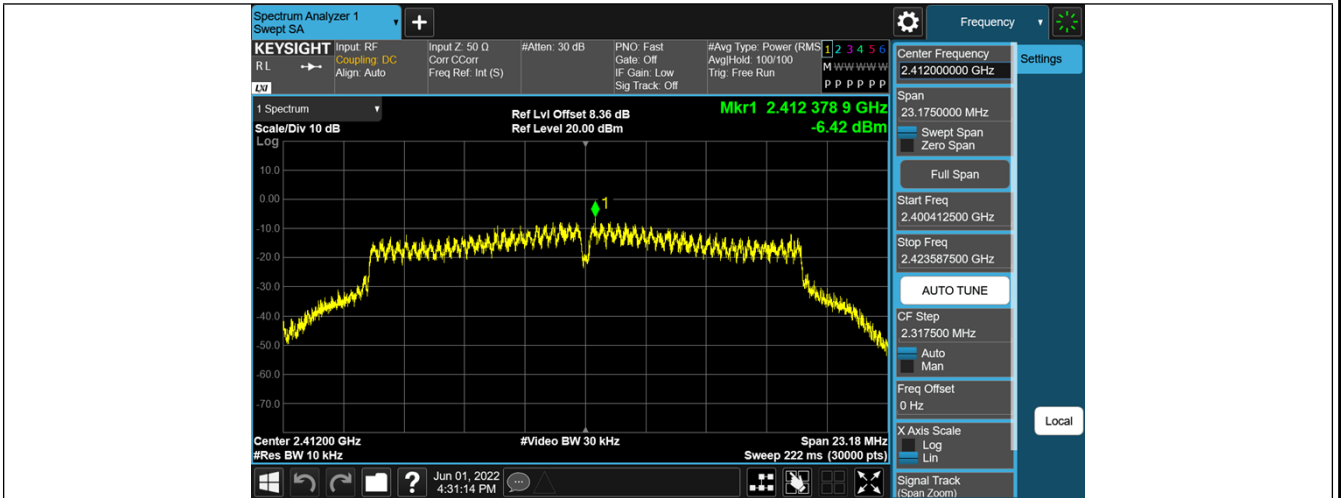
11B Ant1 2437



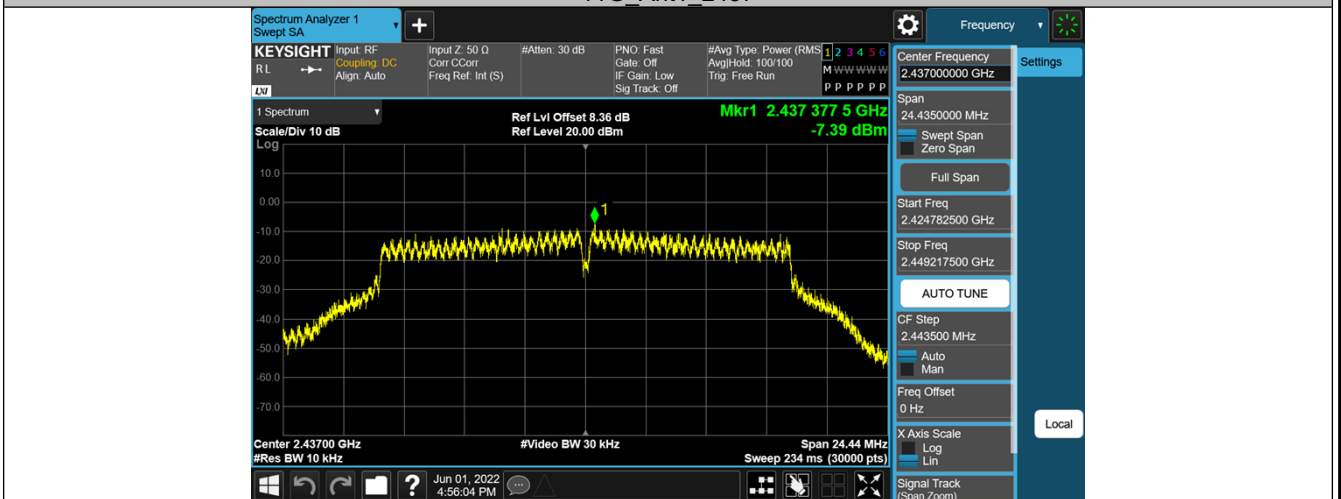
11B Ant1 2462



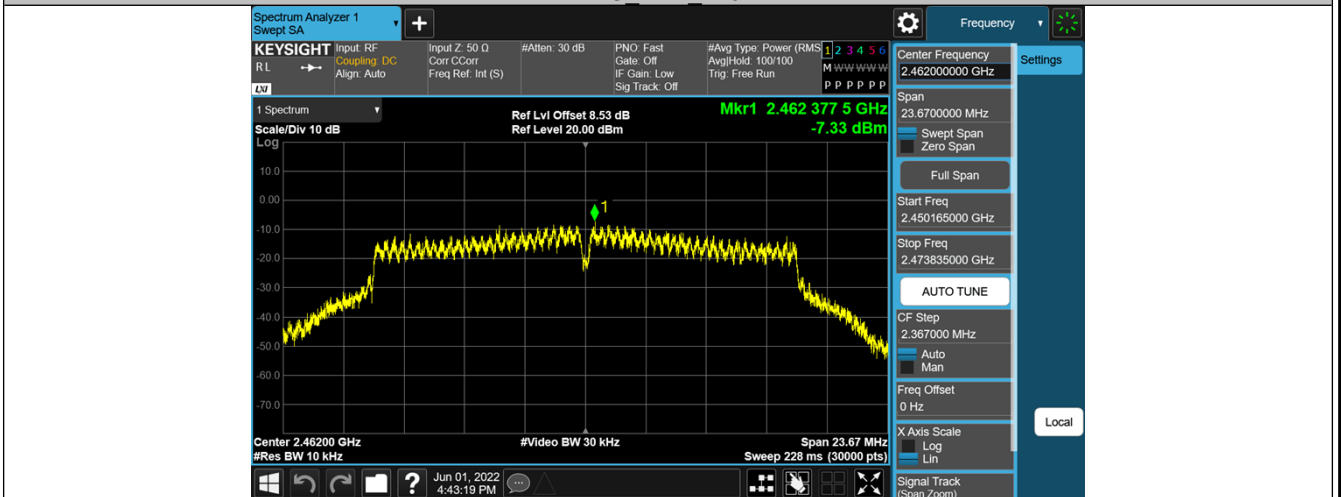
11G Ant1 2412



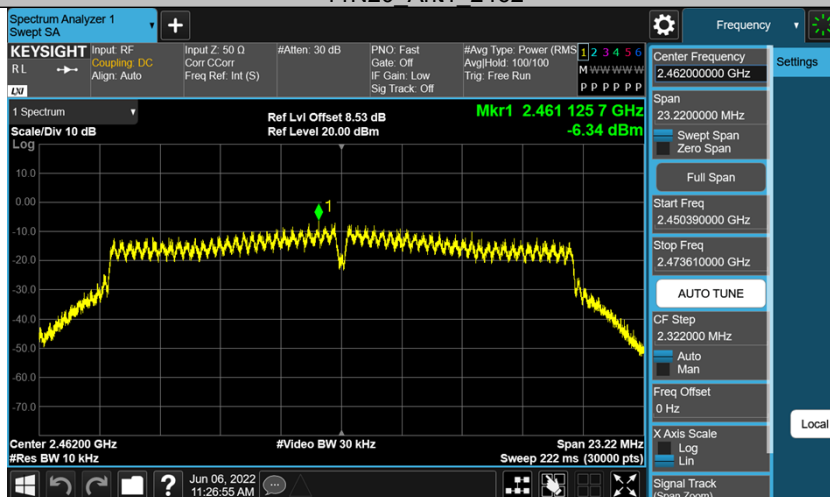
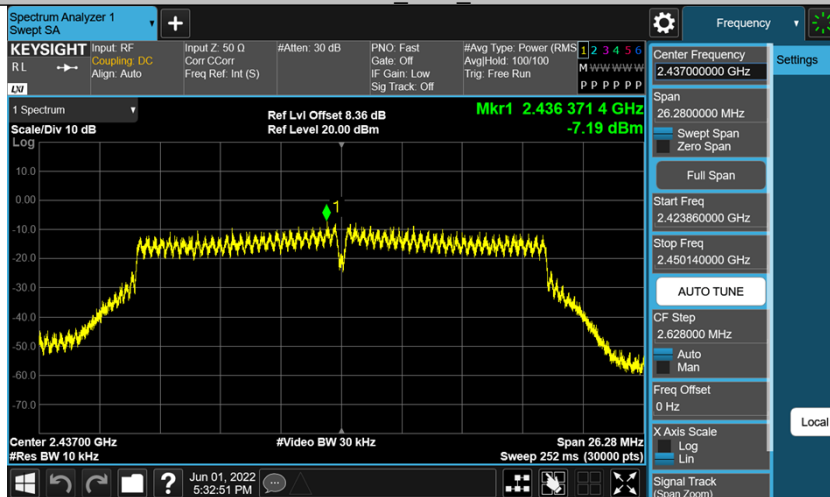
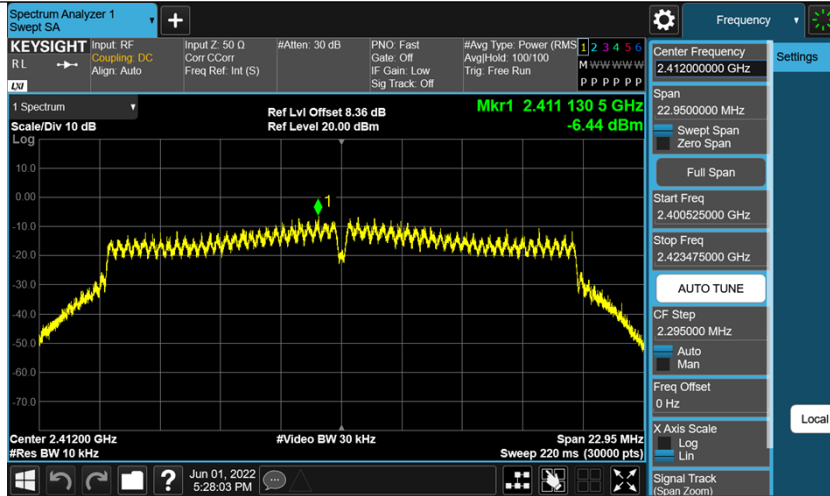
11G Ant1 2437

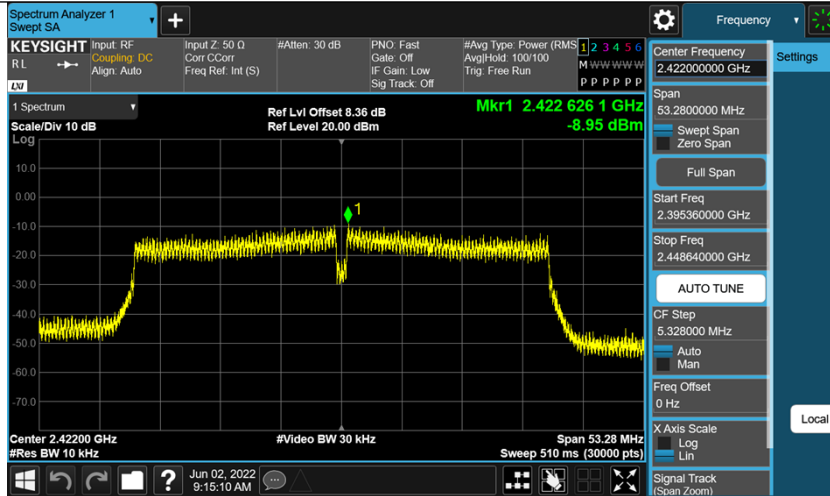


11G Ant1 2462

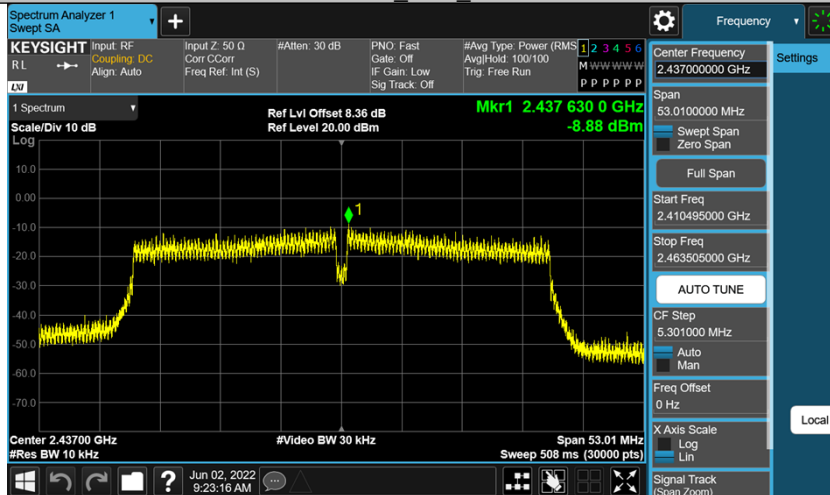


11N20 Ant1 2412

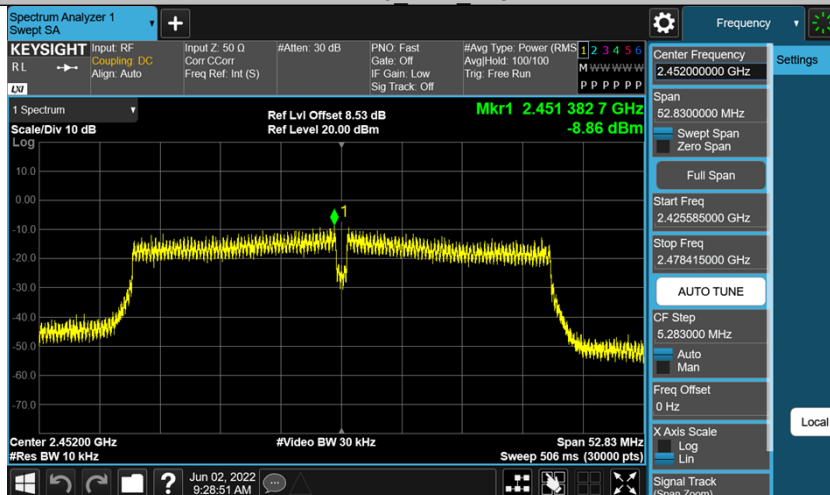




11N40 Ant1 2437



11N40 Ant1 2452



Appendix B.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.070	2407.980	2416.050	0.5	PASS
		2437	8.100	2432.950	2441.050	0.5	PASS
		2462	8.070	2457.980	2466.050	0.5	PASS
11G	Ant1	2412	15.360	2404.530	2419.890	0.5	PASS
		2437	16.290	2428.870	2445.160	0.5	PASS
		2462	15.810	2454.110	2469.920	0.5	PASS
11N20	Ant1	2412	15.360	2404.440	2419.800	0.5	PASS
		2437	17.520	2428.240	2445.760	0.5	PASS
		2462	15.480	2454.110	2469.590	0.5	PASS
11N40	Ant1	2422	35.520	2404.240	2439.760	0.5	PASS
		2437	35.340	2419.240	2454.580	0.5	PASS
		2452	35.220	2434.300	2469.520	0.5	PASS

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



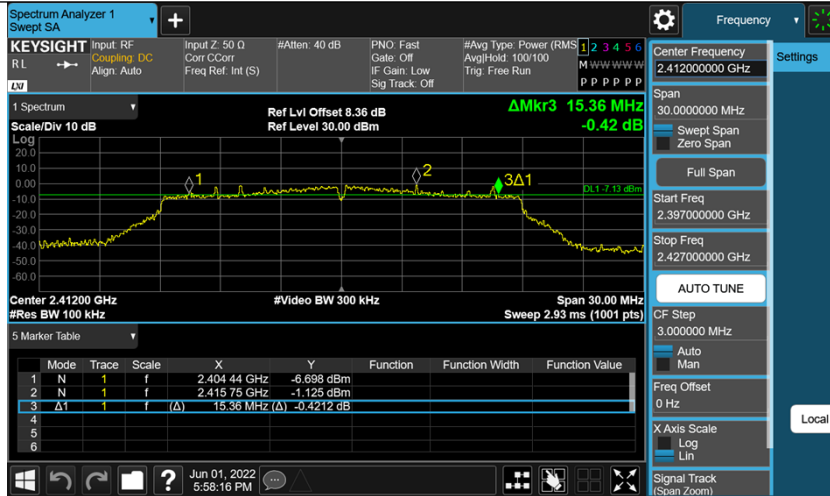
11G Ant1 2437



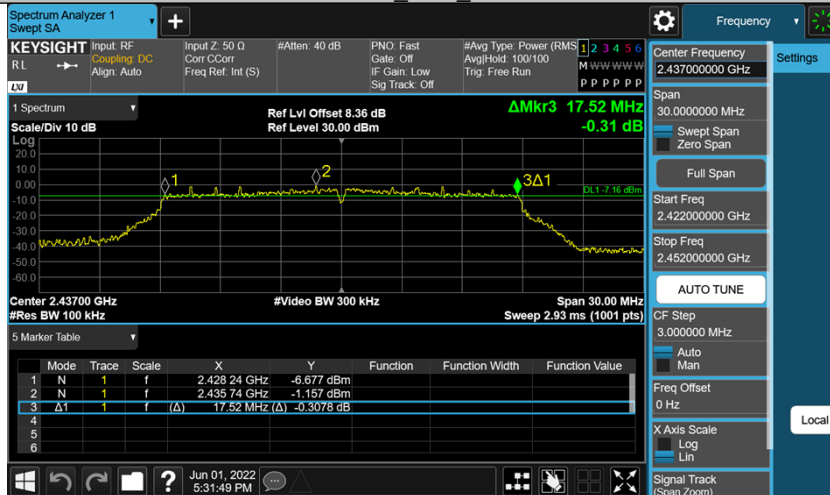
11G Ant1 2462



11N20 Ant1 2412



11N20 Ant1 2437



11N20 Ant1 2462



11N40 Ant1 2422



11N40 Ant1 2437



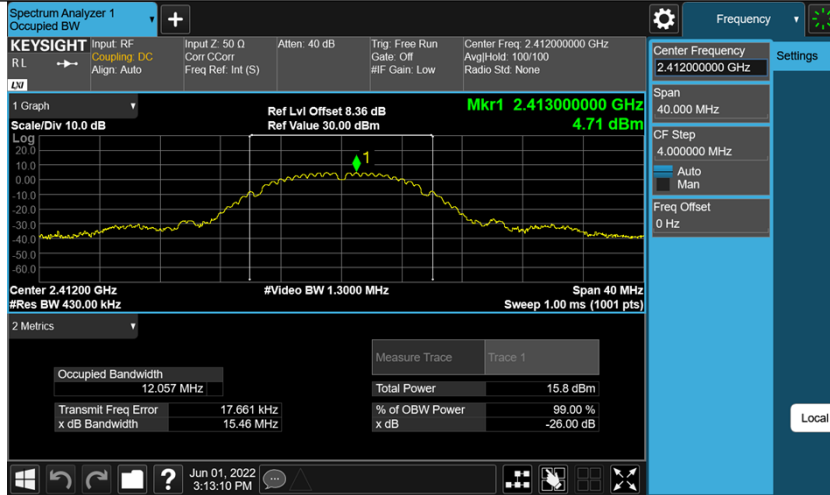
11N40 Ant1 2452



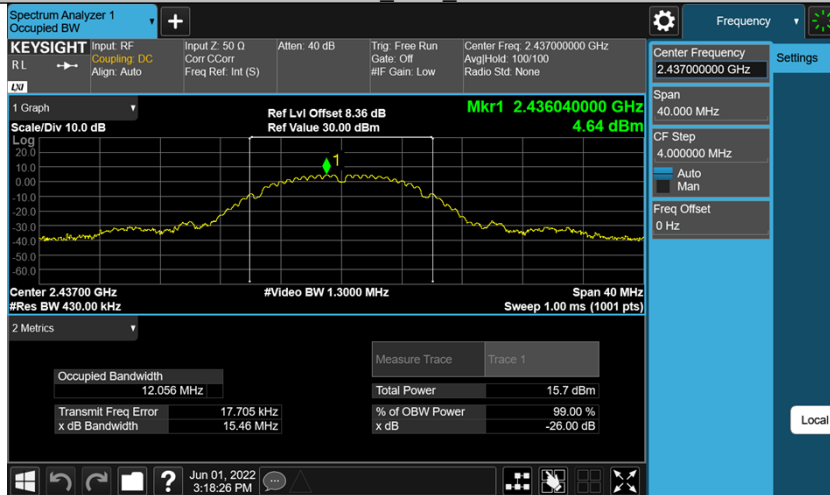
Appendix B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.057	2405.989	2418.046	---	---
		2437	12.056	2430.990	2443.046	---	---
		2462	12.157	2455.894	2468.051	---	---
11G	Ant1	2412	16.926	2403.540	2420.466	---	---
		2437	17.222	2428.380	2445.602	---	---
		2462	16.966	2453.488	2470.454	---	---
11N20	Ant1	2412	17.933	2403.082	2421.015	---	---
		2437	18.126	2427.920	2446.046	---	---
		2462	17.934	2452.982	2470.916	---	---
11N40	Ant1	2422	36.388	2403.829	2440.217	---	---
		2437	36.385	2418.802	2455.187	---	---
		2452	36.399	2433.744	2470.143	---	---

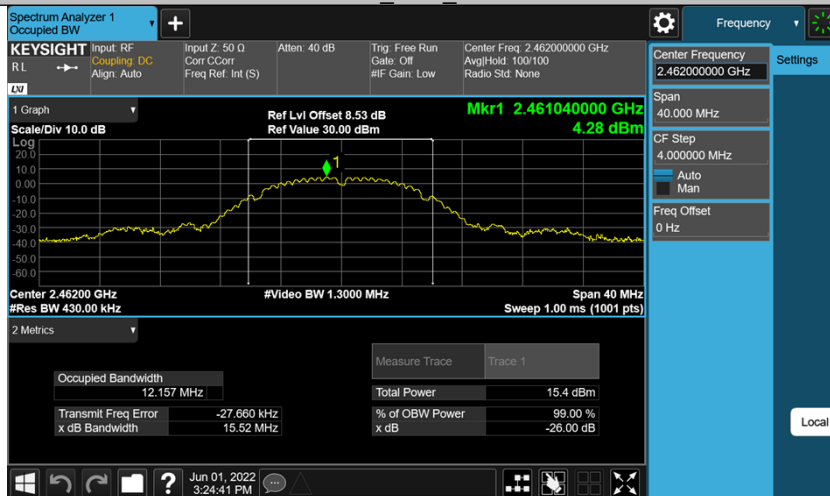
11B_Ant1_2412



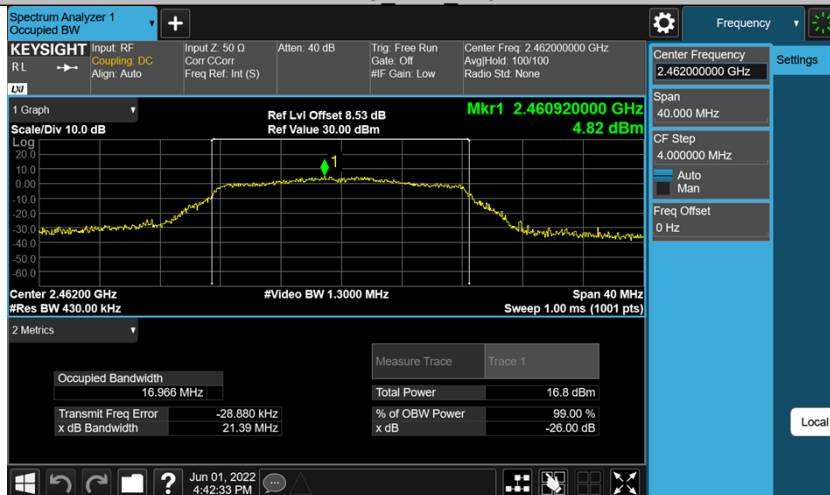
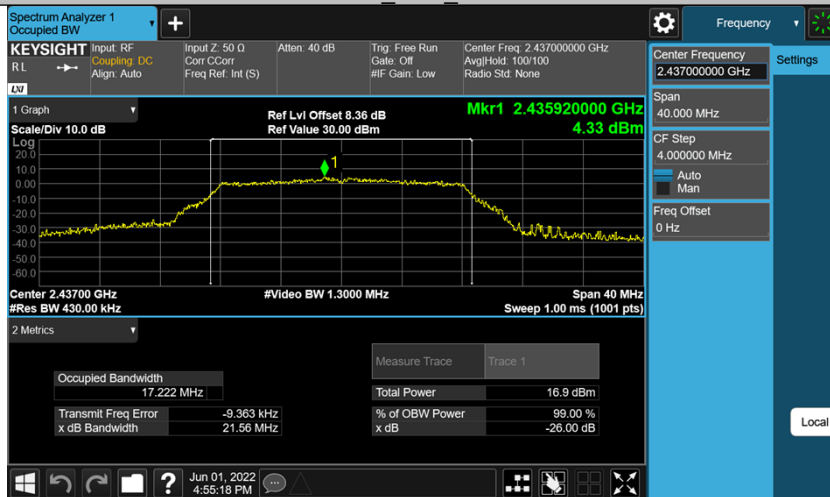
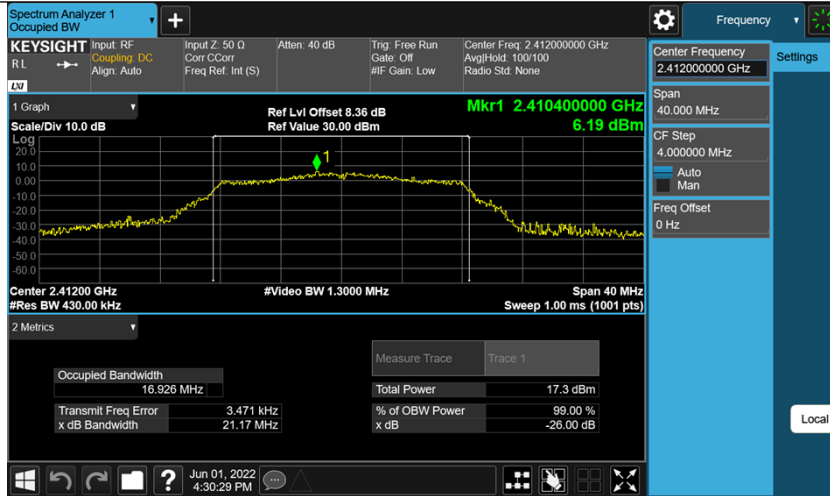
11B_Ant1_2437

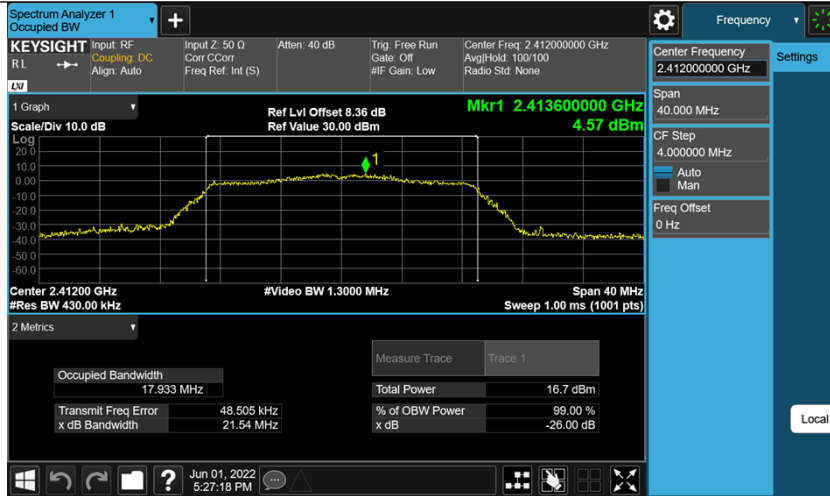


11B_Ant1_2462

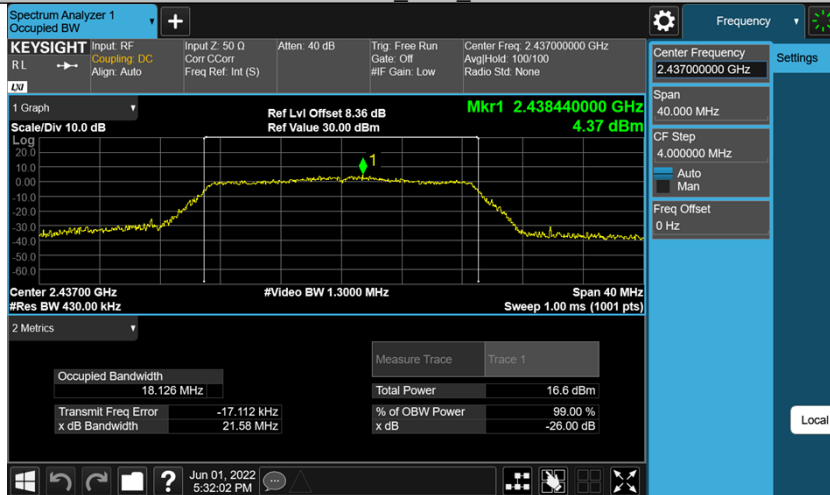


11G_Ant1_2412

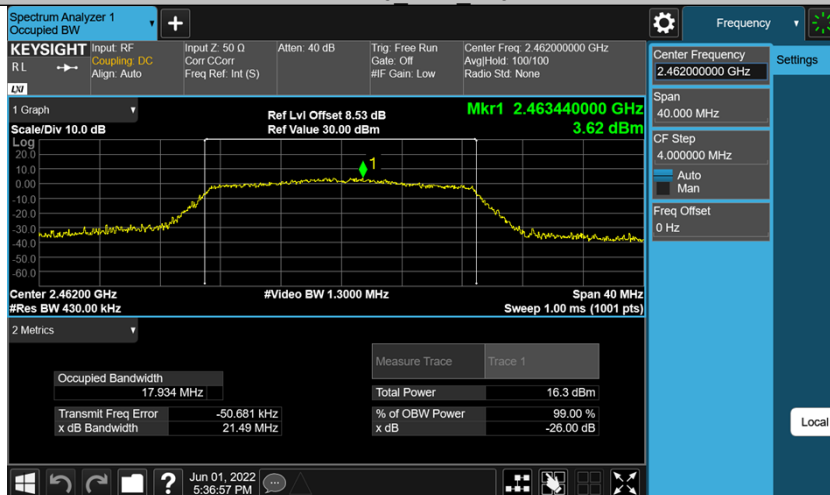




11N20 Ant1 2437



11N20 Ant1 2462



11N40 Ant1 2422