

Appendix B: Test Results of 2.4GHz Wi-Fi

APPENDIX B: TEST RESULTS OF 2.4GHZ WI-FI.....	1
APPENDIX B.1: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY	2
APPENDIX B.2: TEST RESULTS OF 6DB BANDWIDTH.....	7
APPENDIX B.3: TEST RESULTS OF 99% BANDWIDTH	12
APPENDIX B.4: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH.....	17
<i>Band Edge</i>	17
<i>Conducted Spurious Emission</i>	21
APPENDIX B.5: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	34
30MHz - 1GHz (<i>Worst case</i>)	34
1GHz - 18GHz.....	36
APPENDIX B.6: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS	60
<i>Wi-Fi 802.11 b mode</i>	60
<i>Wi-Fi 802.11 g mode</i>	64
<i>Wi-Fi 802.11 n(HT20) mode</i>	68
<i>Wi-Fi 802.11 n(HT40) mode</i>	72
APPENDIX B.7: TEST RESULTS OF CONDUCTED EMISSION	76

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

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1.88	≤8.00	PASS
		2437	2.64	≤8.00	PASS
		2462	3.23	≤8.00	PASS
11G	Ant1	2412	-1.40	≤8.00	PASS
		2437	-1.87	≤8.00	PASS
		2462	-0.32	≤8.00	PASS
11N20SISO	Ant1	2412	-0.99	≤8.00	PASS
		2437	-1.38	≤8.00	PASS
		2462	-1.37	≤8.00	PASS
11N40SISO	Ant1	2422	-3.23	≤8.00	PASS
		2437	-3.81	≤8.00	PASS
		2452	-3.94	≤8.00	PASS

11B_Ant1_2412



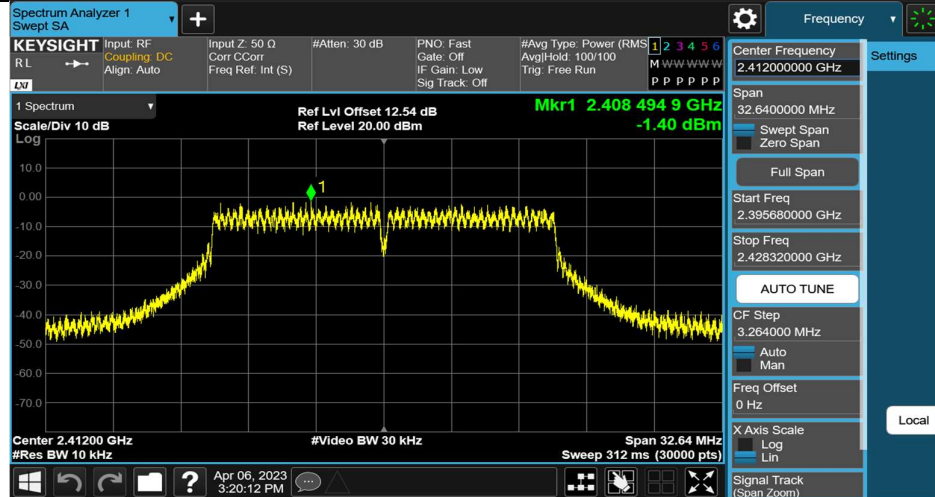
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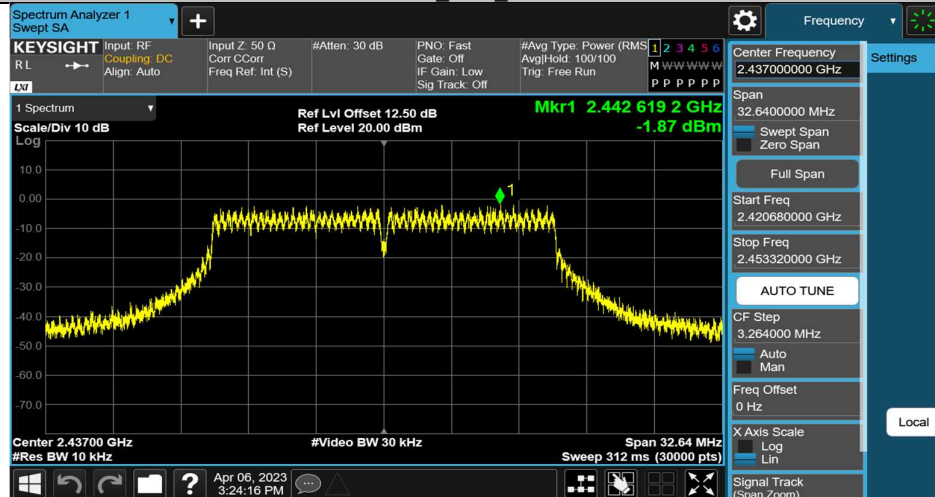
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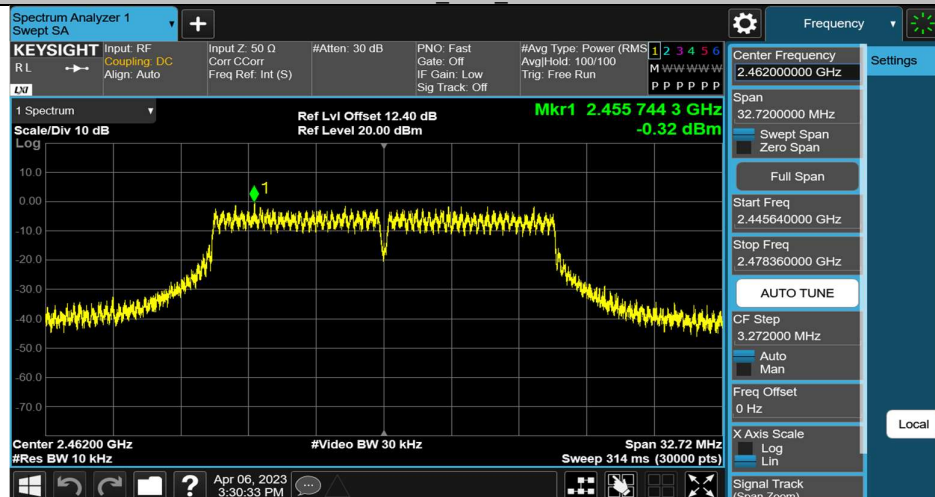
11G Ant1 2412



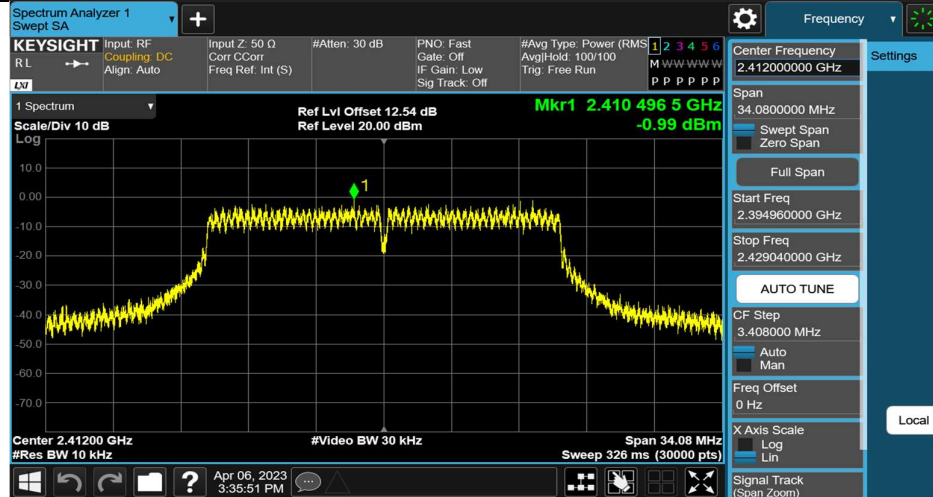
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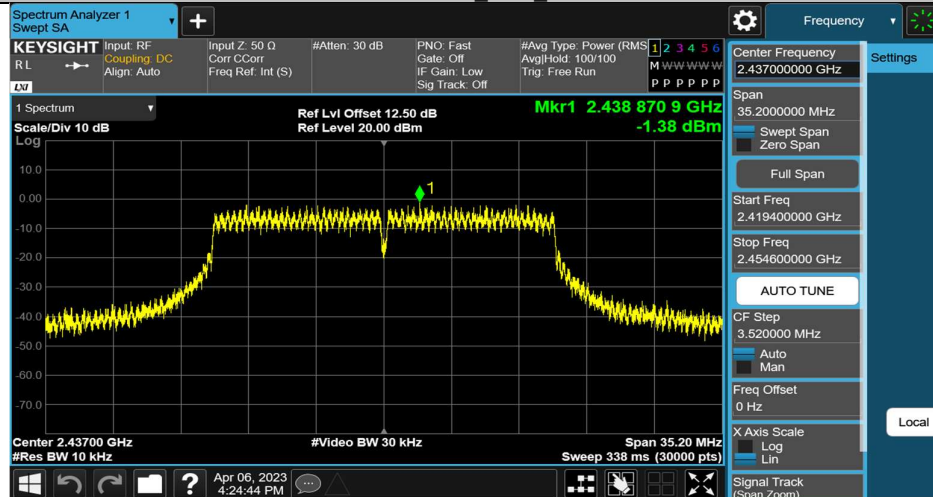
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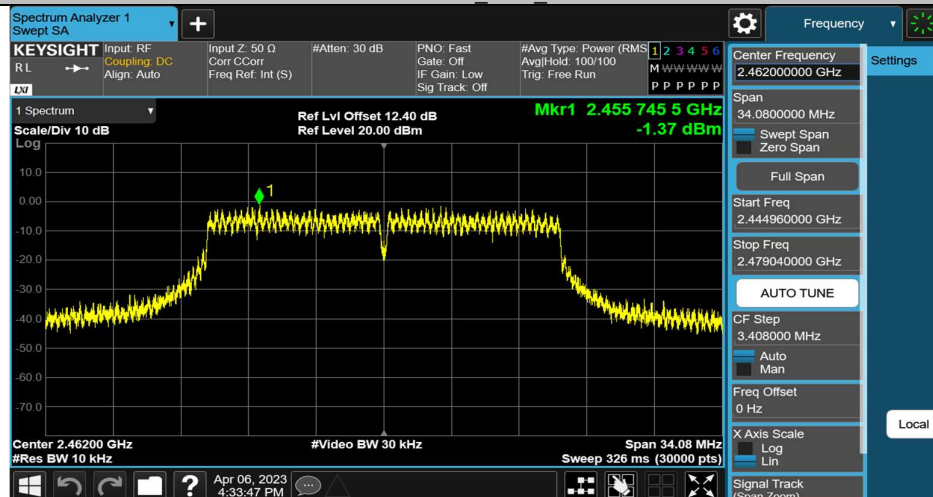
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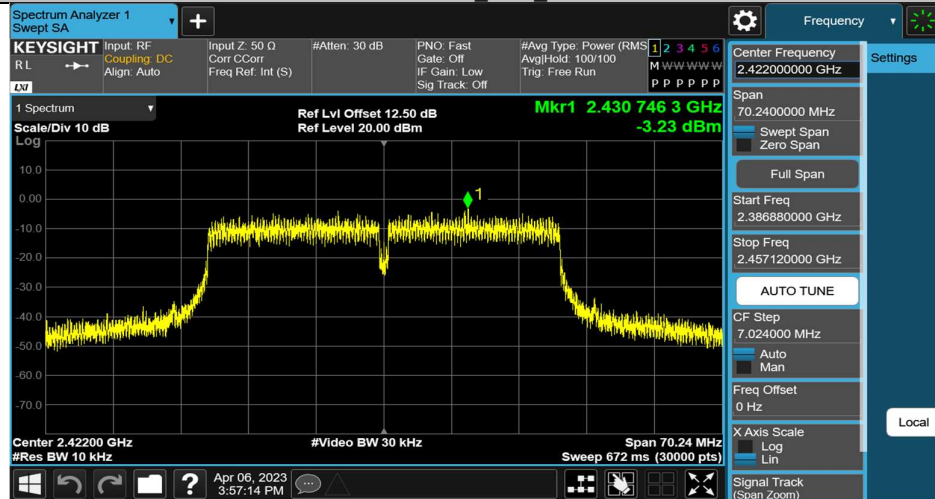
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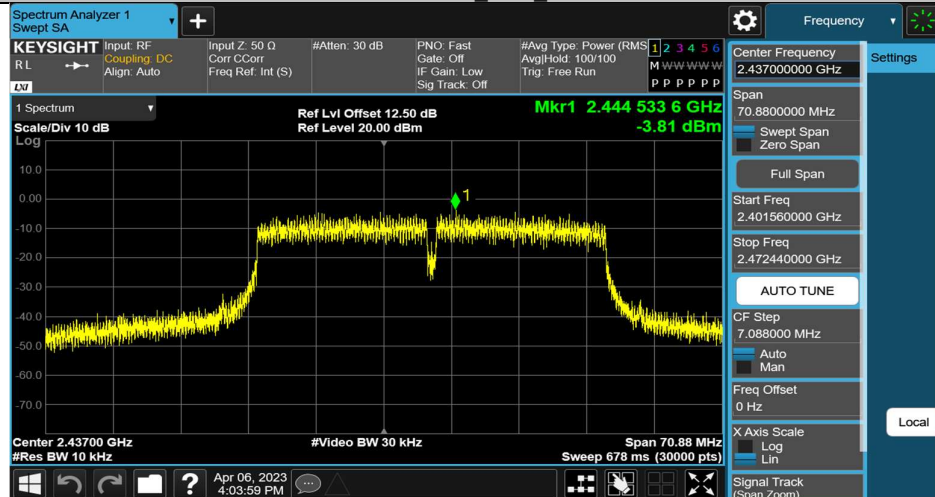
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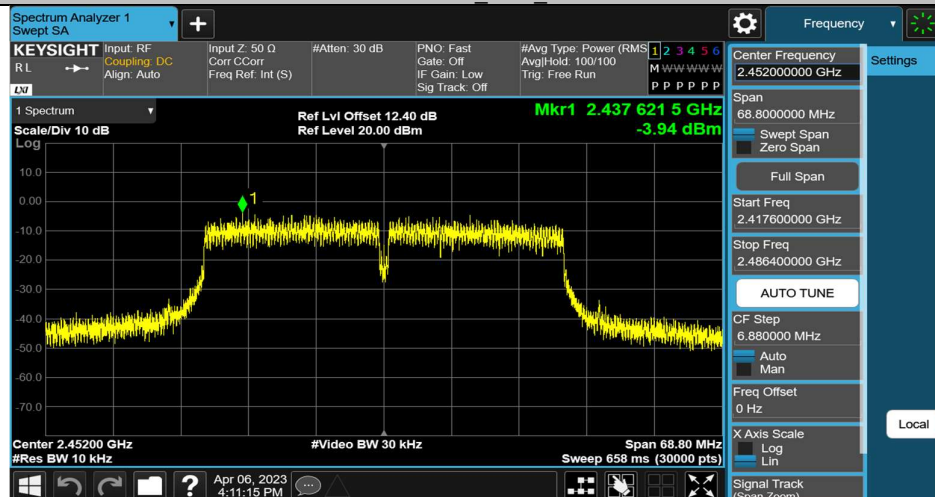
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_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	8.960	2407.520	2416.480	0.5	PASS
		2437	9.040	2432.480	2441.520	0.5	PASS
		2462	8.080	2457.960	2466.040	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.040	2403.480	2420.520	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.040	2453.440	2470.480	0.5	PASS
11N40SISO	Ant1	2422	35.120	2404.400	2439.520	0.5	PASS
		2437	35.440	2424.120	2459.560	0.5	PASS
		2452	34.400	2434.080	2468.480	0.5	PASS

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G Ant1 2412



11G Ant1 2437



11G Ant1 2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



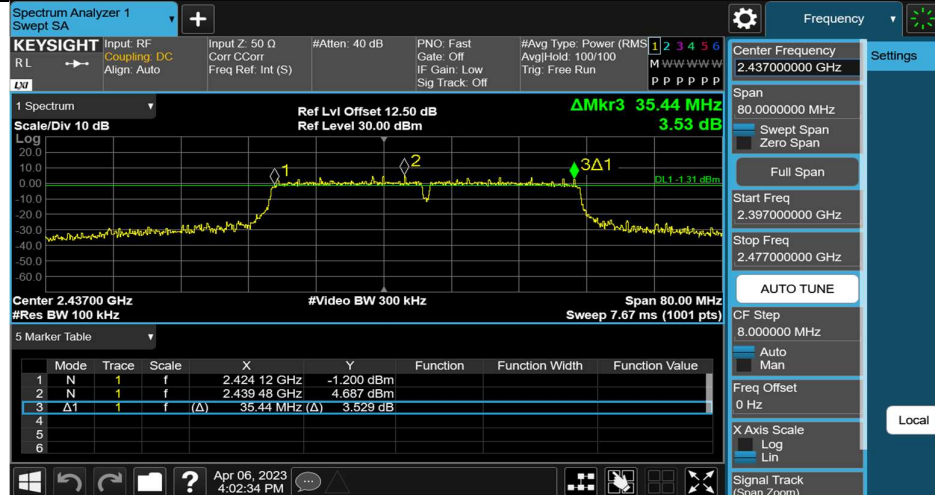
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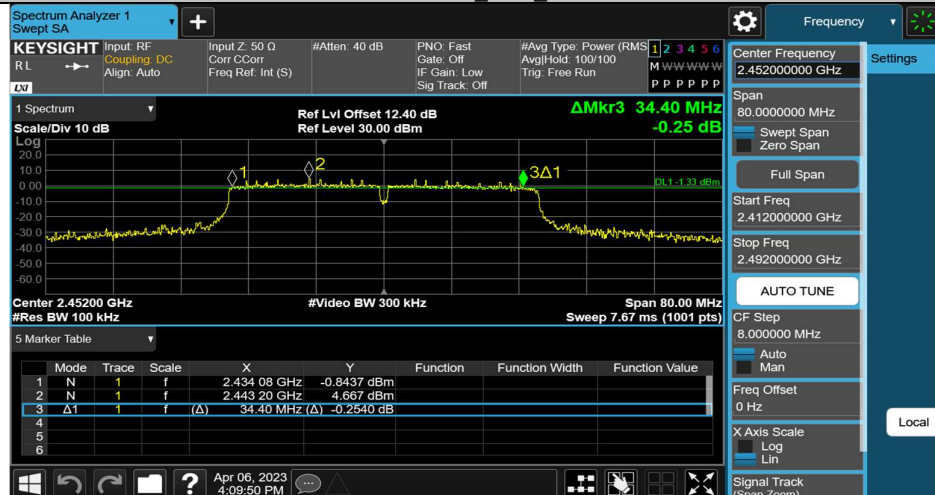
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



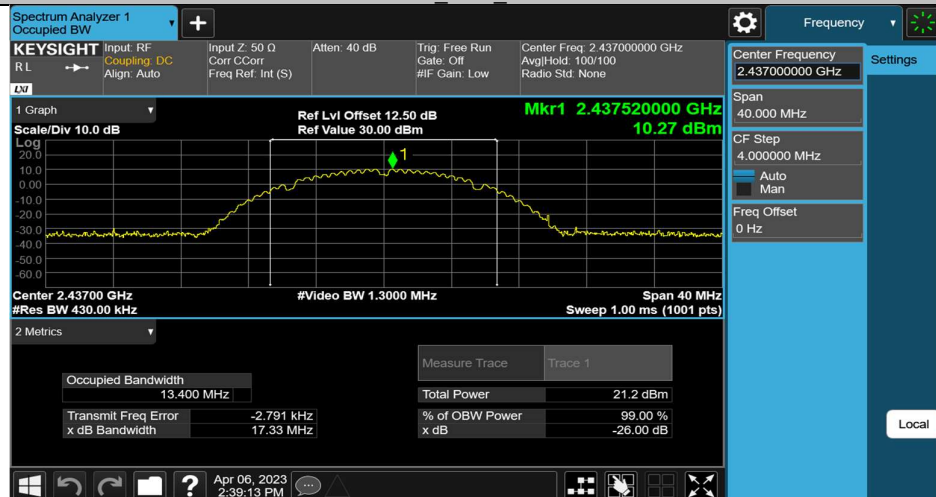
Appendix B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.400	2405.2697	2418.6697	---	PASS
		2437	13.400	2430.2972	2443.6972	---	PASS
		2462	13.391	2455.2562	2468.6472	---	PASS
11G	Ant1	2412	17.005	2403.5499	2420.5549	---	PASS
		2437	17.087	2428.4347	2445.5217	---	PASS
		2462	17.160	2453.3568	2470.5168	---	PASS
11N20SISO	Ant1	2412	18.116	2402.9595	2421.0755	---	PASS
		2437	18.074	2427.9701	2446.0441	---	PASS
		2462	18.097	2452.9313	2471.0283	---	PASS
11N40SISO	Ant1	2422	36.447	2403.8265	2440.2735	---	PASS
		2437	36.480	2423.6687	2460.1487	---	PASS
		2452	36.277	2433.8118	2470.0888	---	PASS

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

