

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
<i>30MHz - 1GHz (Worst case)</i>	34
<i>1GHz - 18GHz</i>	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

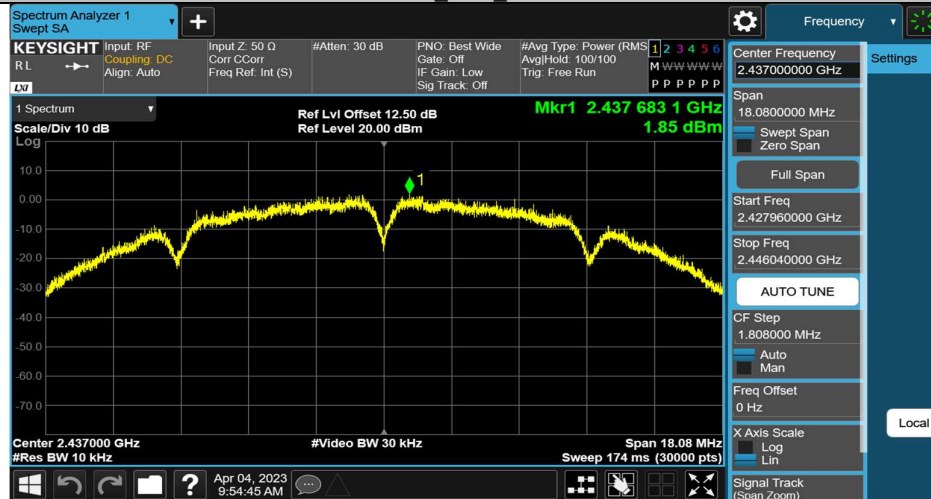
Appendix B.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	2.31	≤8.00	PASS
		2437	1.85	≤8.00	PASS
		2462	2.69	≤8.00	PASS
11G	Ant1	2412	0.65	≤8.00	PASS
		2437	-1.45	≤8.00	PASS
		2462	-0.43	≤8.00	PASS
11N20SISO	Ant1	2412	0.69	≤8.00	PASS
		2437	-1.49	≤8.00	PASS
		2462	-0.15	≤8.00	PASS
11N40SISO	Ant1	2422	-3.93	≤8.00	PASS
		2437	-3.83	≤8.00	PASS
		2452	-1.94	≤8.00	PASS

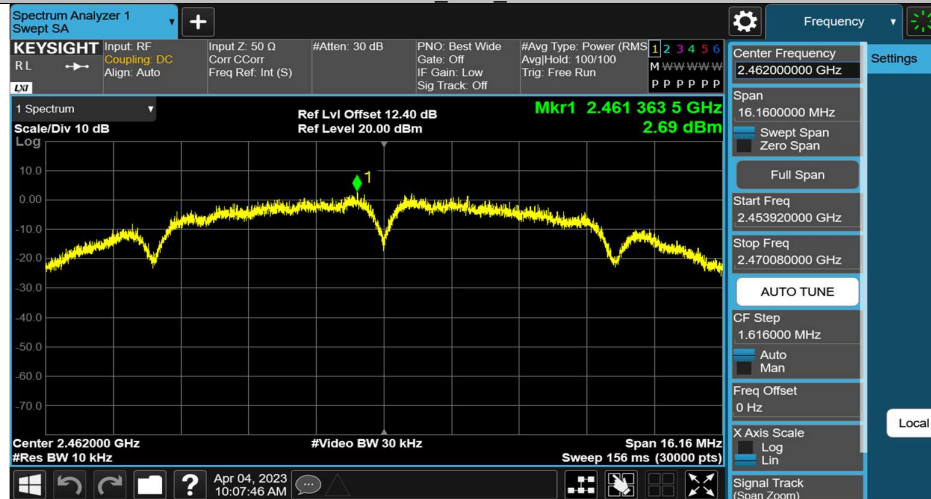
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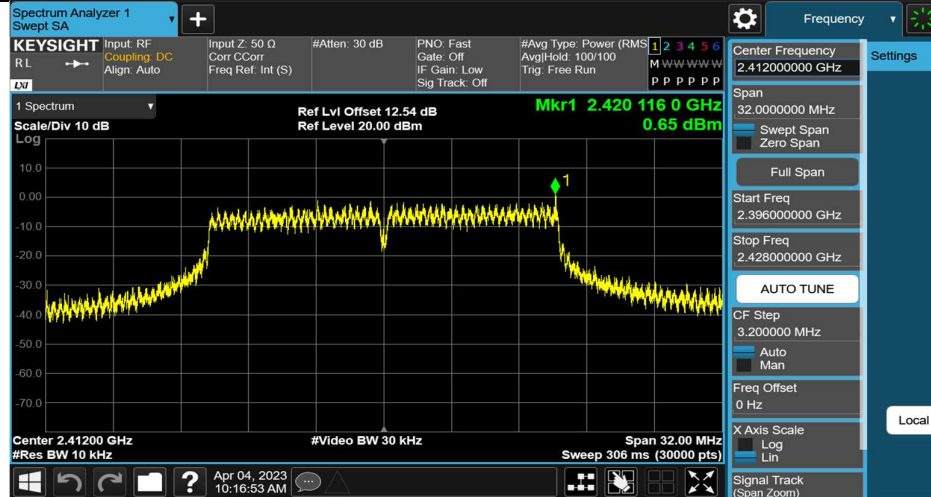
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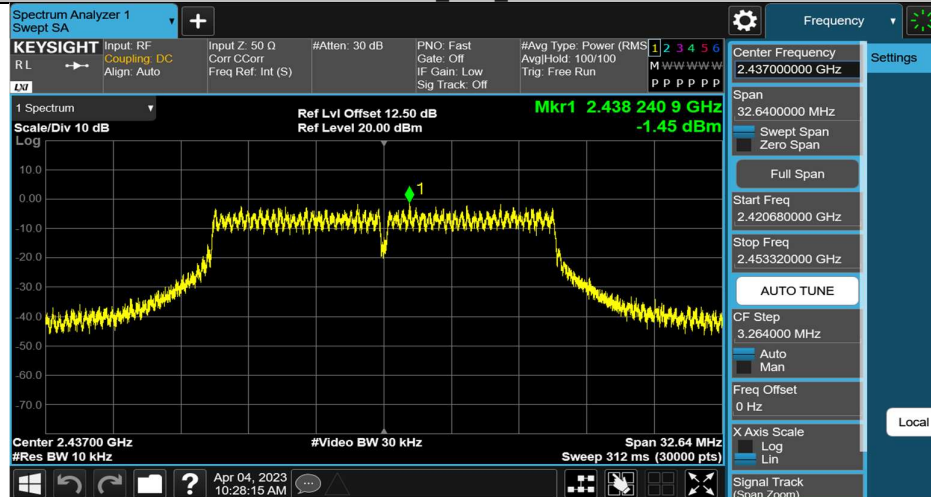
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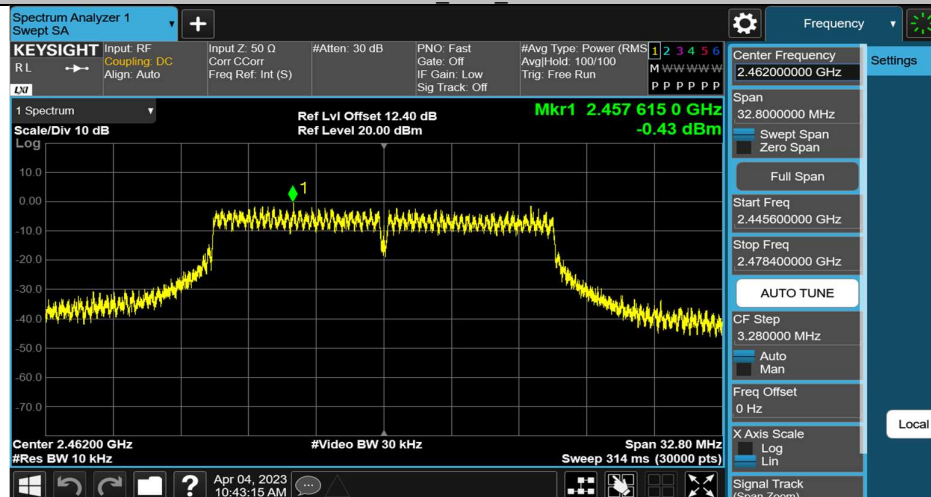
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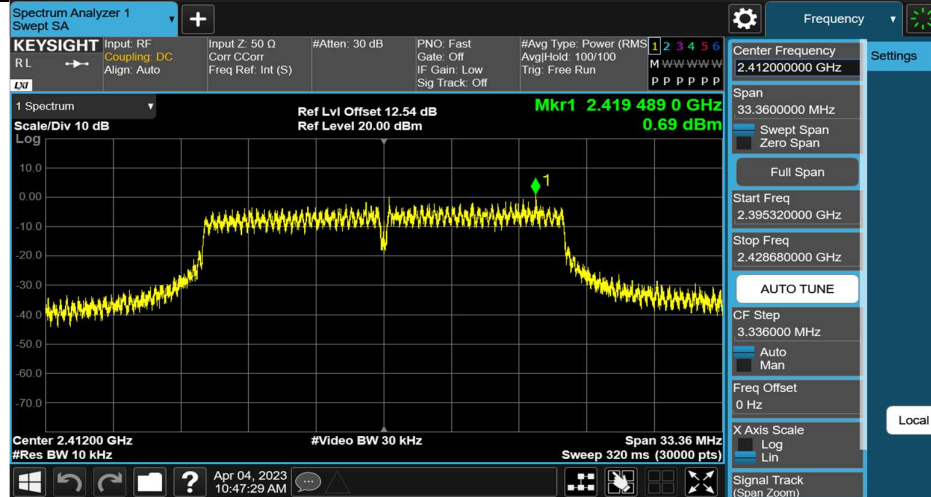
11G Ant1_2437



11G Ant1_2462



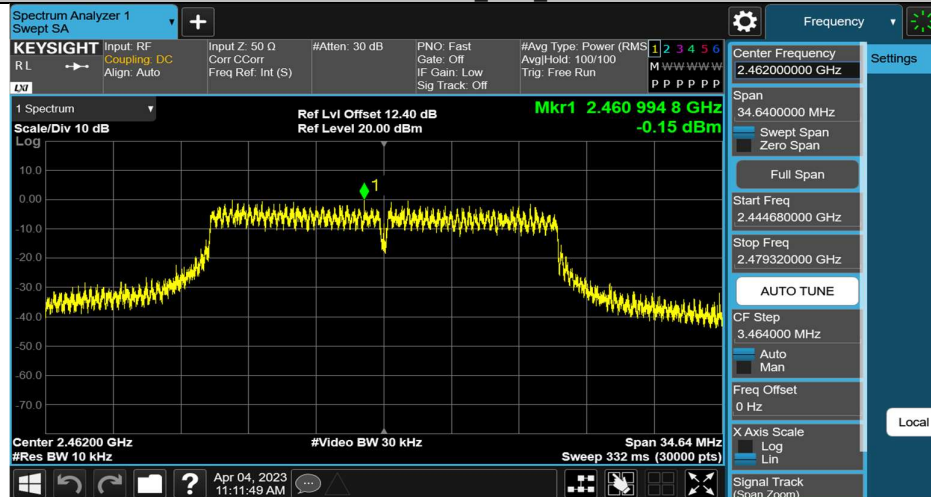
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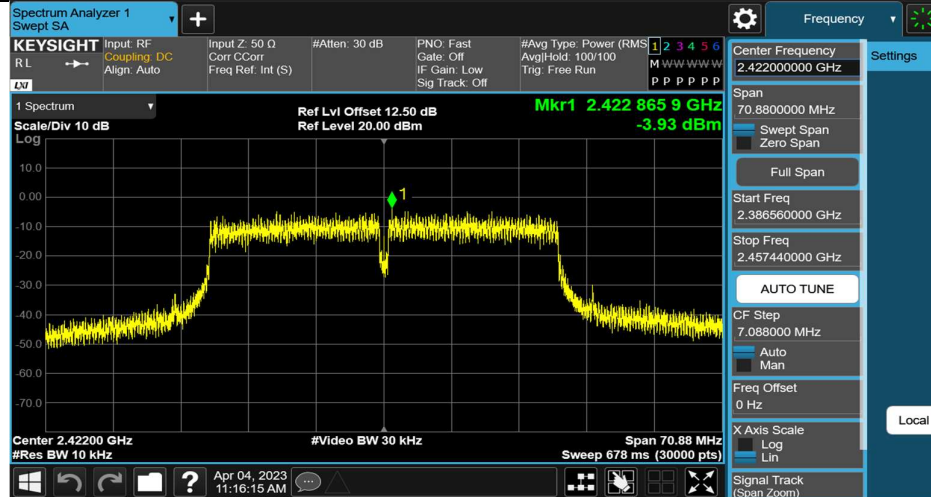
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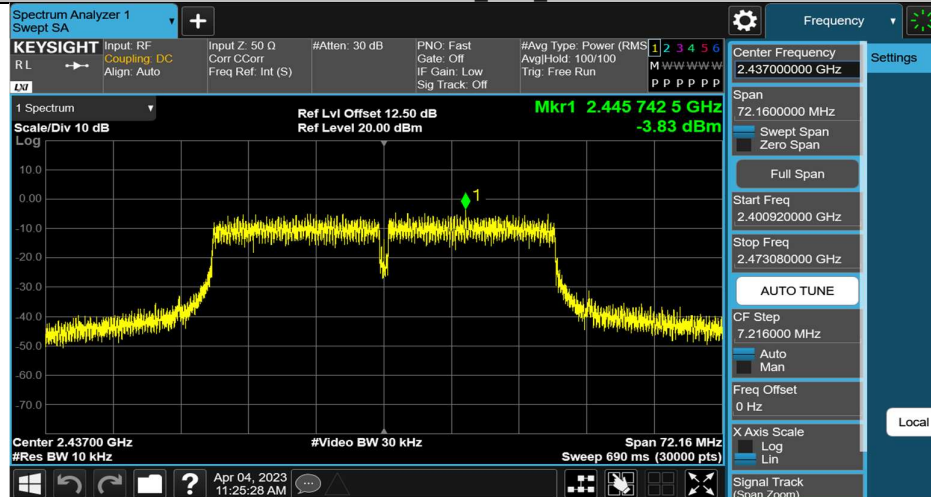
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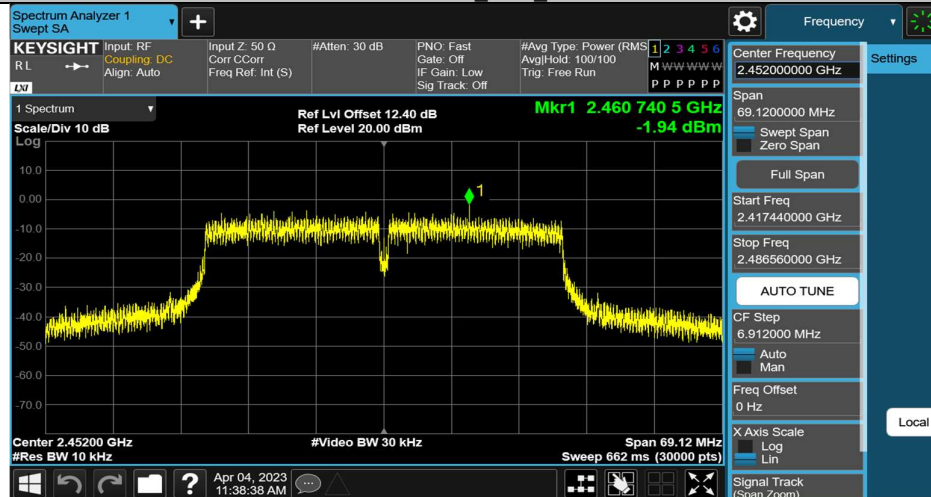
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11N40SISO_Ant1_2437



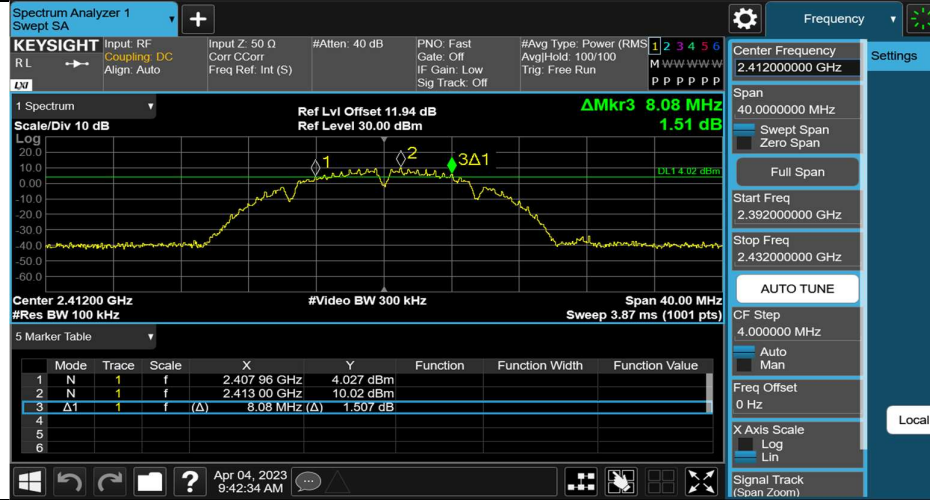
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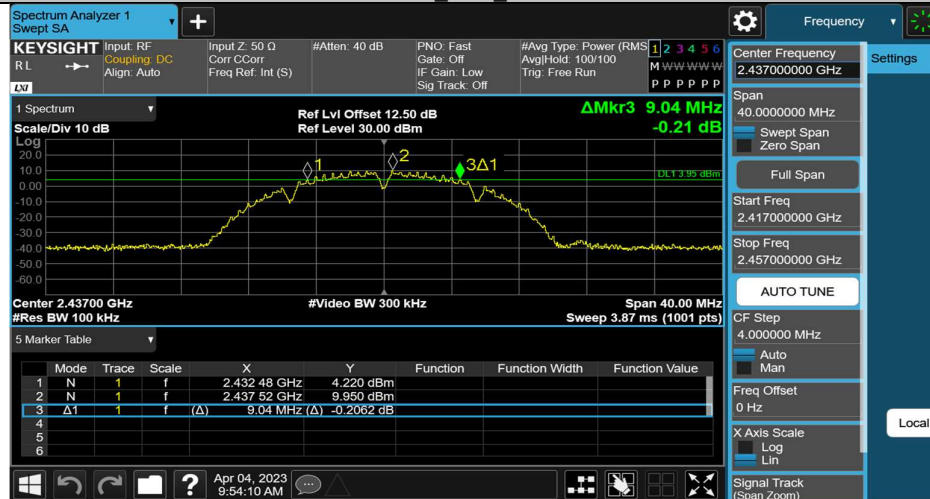
Appendix B.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.080	2407.960	2416.040	0.5	PASS
		2437	9.040	2432.480	2441.520	0.5	PASS
		2462	8.080	2457.480	2465.560	0.5	PASS
11G	Ant1	2412	16.000	2404.160	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.400	2453.760	2470.160	0.5	PASS
11N20SISO	Ant1	2412	16.680	2404.120	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.320	2453.200	2470.520	0.5	PASS
11N40SISO	Ant1	2422	35.440	2404.480	2439.920	0.5	PASS
		2437	36.080	2419.080	2455.160	0.5	PASS
		2452	34.560	2434.480	2469.040	0.5	PASS

11B_Ant1_2412



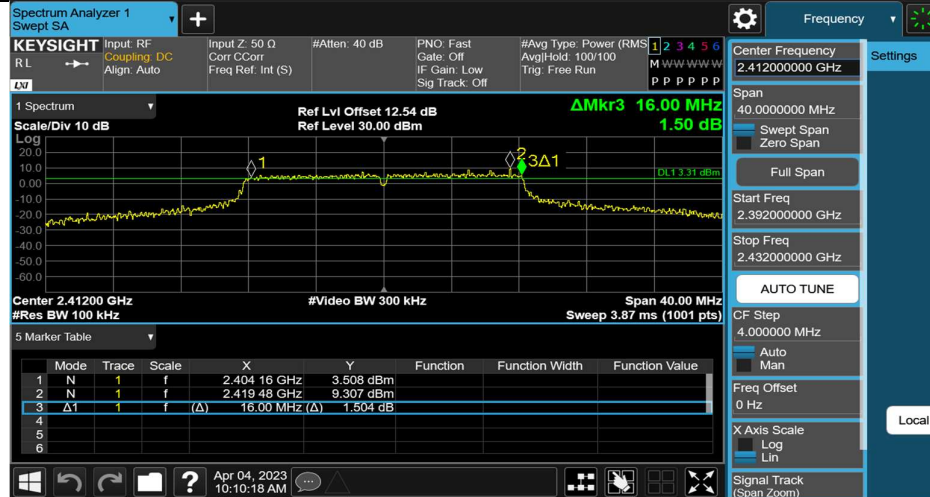
11B_Ant1_2437



11B_Ant1_2462



11G Ant1_2412



11G Ant1_2437



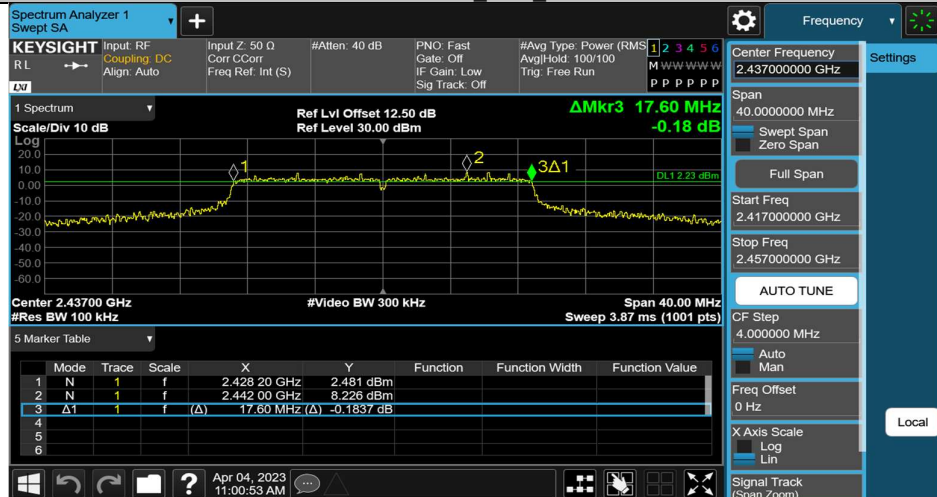
11G Ant1_2462



11N20SISO_Ant1_2412



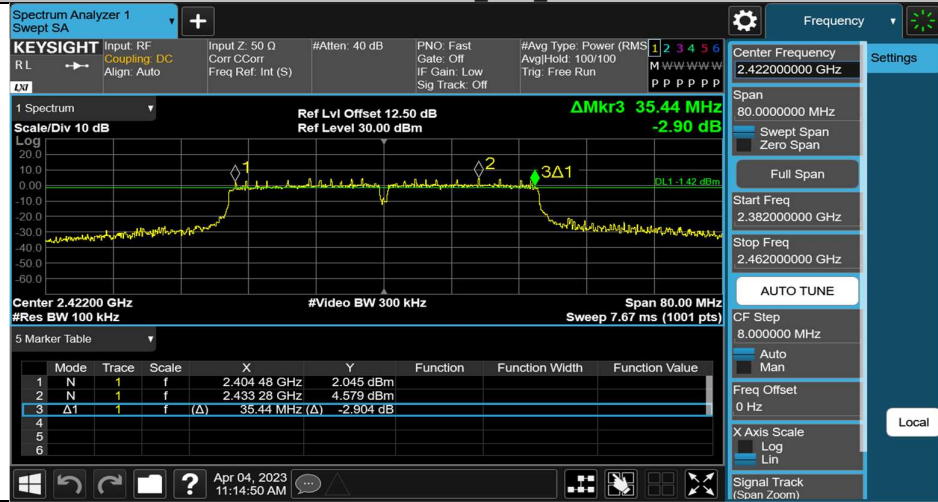
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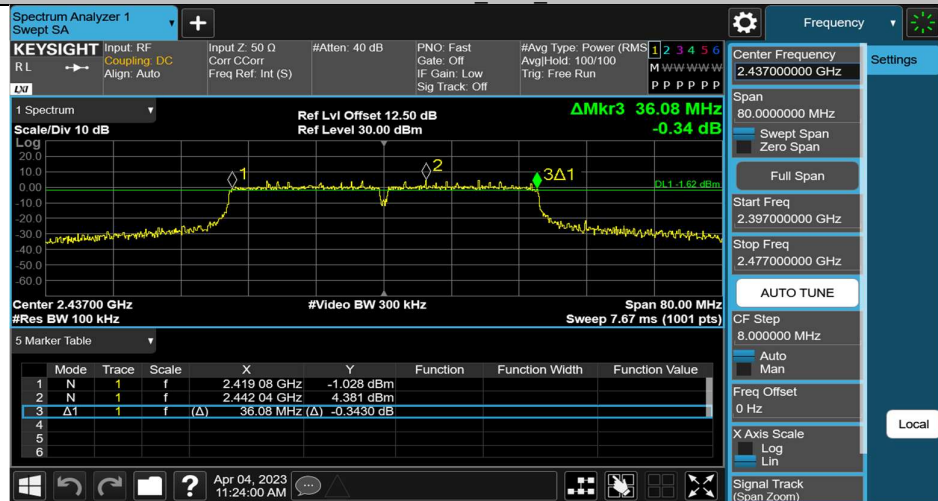
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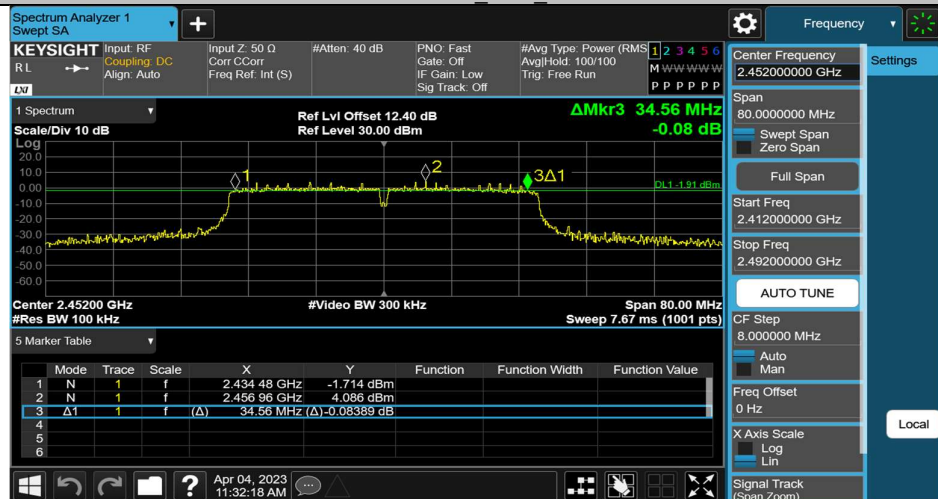
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



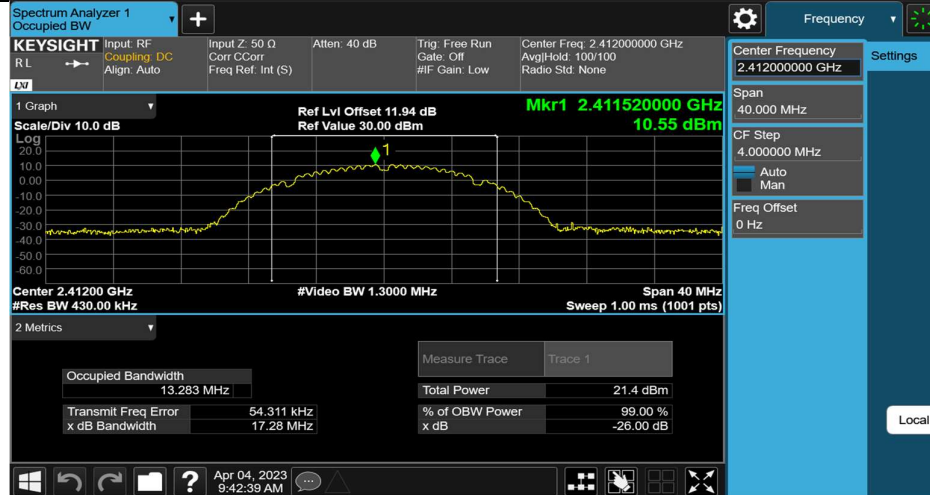
11N40SISO_Ant1_2452



Appendix B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.283	2405.4128	2418.6958	---	PASS
		2437	13.389	2430.3230	2443.7120	---	PASS
		2462	13.386	2455.2331	2468.6191	---	PASS
11G	Ant1	2412	17.544	2403.4212	2420.9652	---	PASS
		2437	17.211	2428.3789	2445.5899	---	PASS
		2462	17.170	2453.3861	2470.5561	---	PASS
11N20SISO	Ant1	2412	18.315	2403.0206	2421.3356	---	PASS
		2437	19.098	2427.6264	2446.7244	---	PASS
		2462	18.588	2452.5380	2471.1260	---	PASS
11N40SISO	Ant1	2422	36.463	2403.8731	2440.3361	---	PASS
		2437	36.726	2418.6933	2455.4193	---	PASS
		2452	36.363	2433.7567	2470.1197	---	PASS

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

