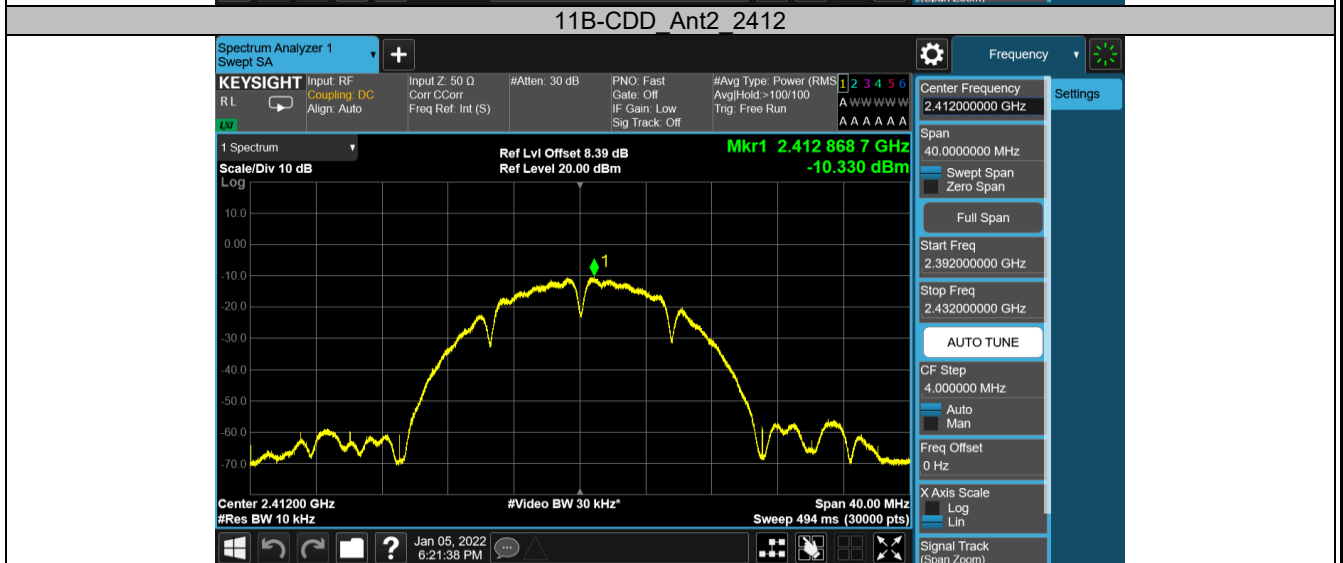


Appendix B: Test Results of Wi-Fi 802.11 b/g/n

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

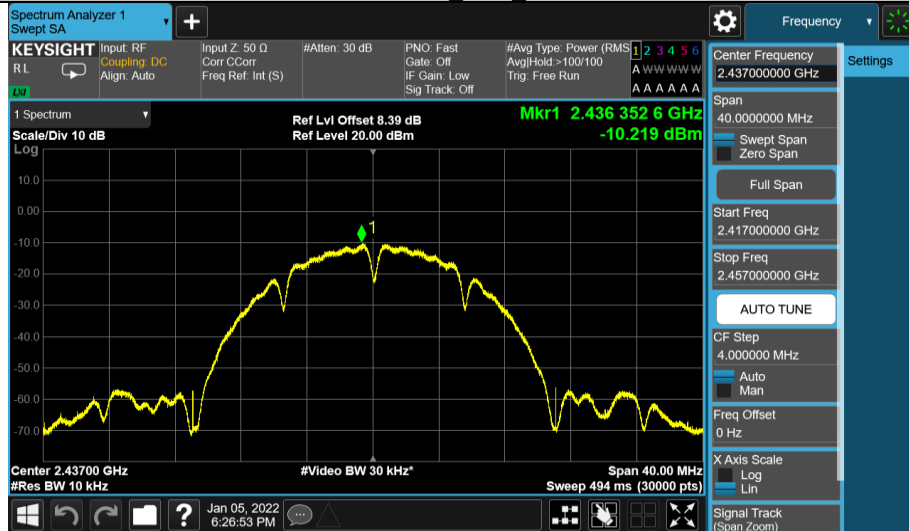
Wi-Fi 802.11 b mode, 1 Mbps



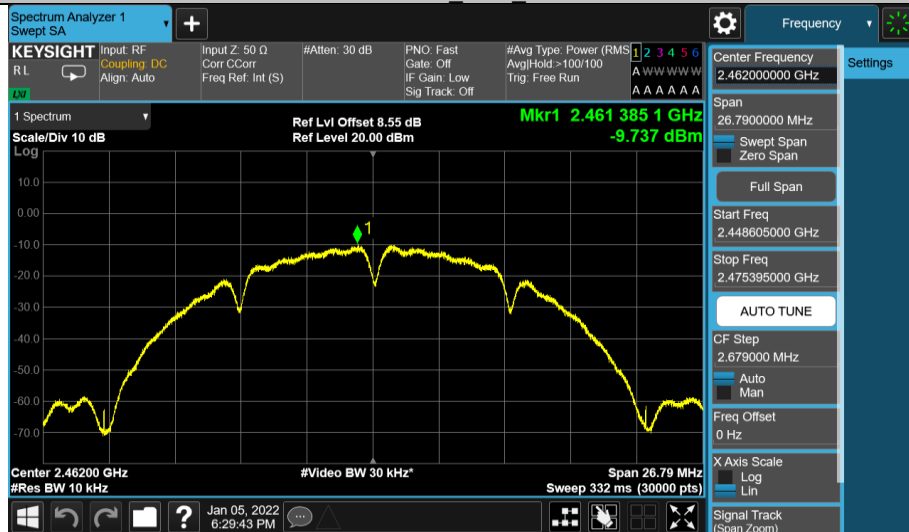
11B-CDD Ant1 2437



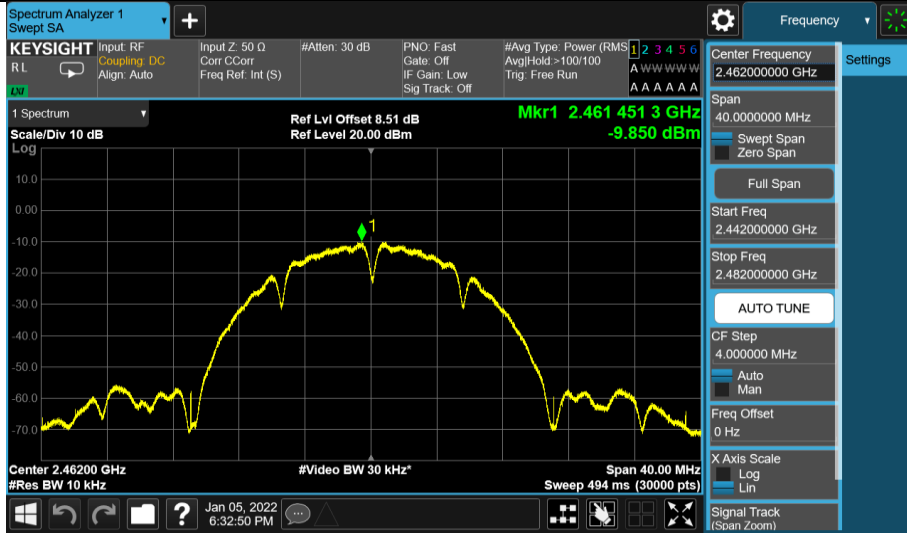
11B-CDD Ant2 2437



11B-CDD Ant1 2462

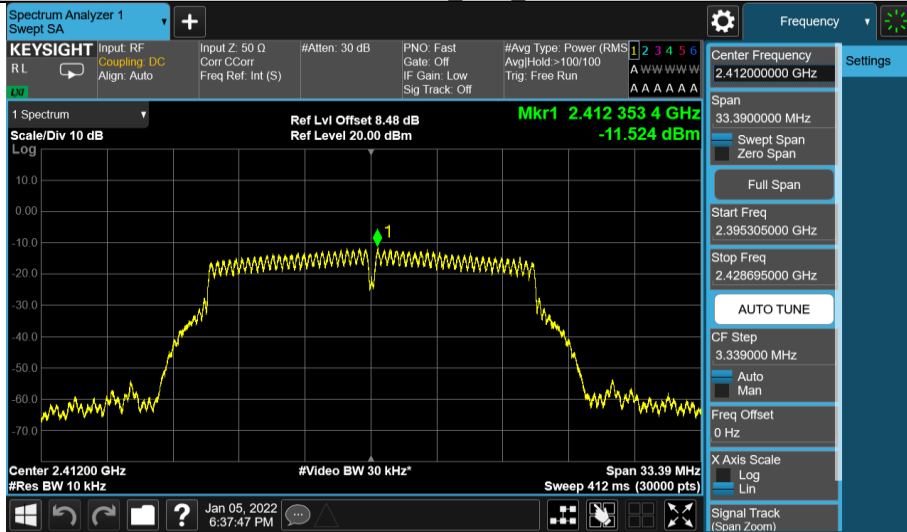


11B-CDD Ant2 2462

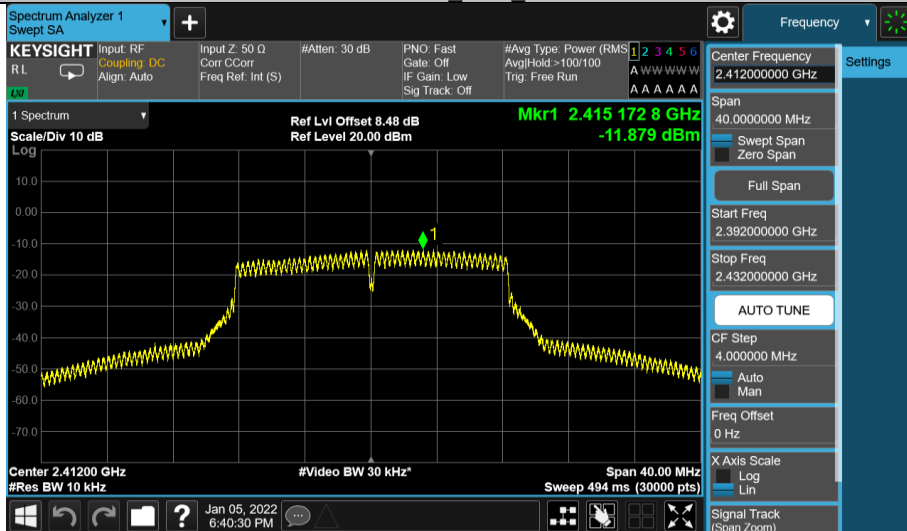


Wi-Fi 802.11 g mode, 6 Mbps

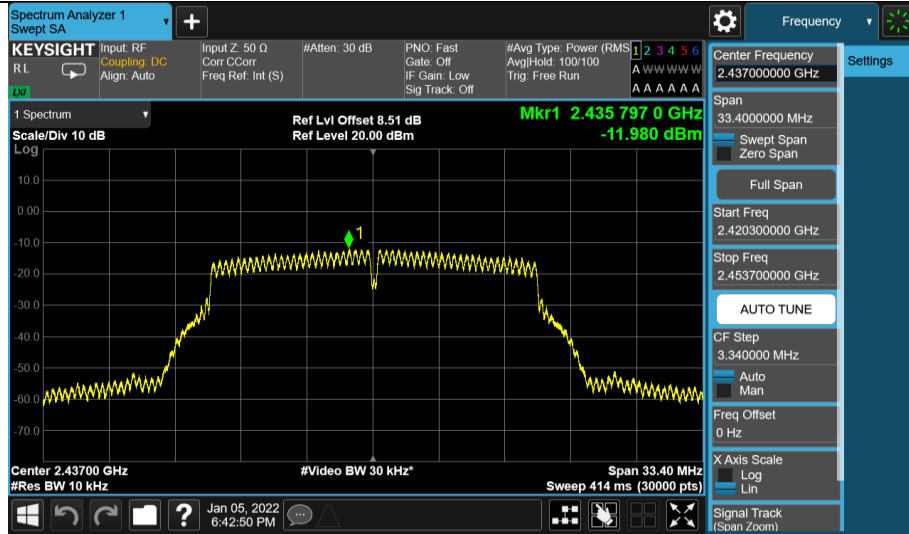
11G-CDD Ant1 2412



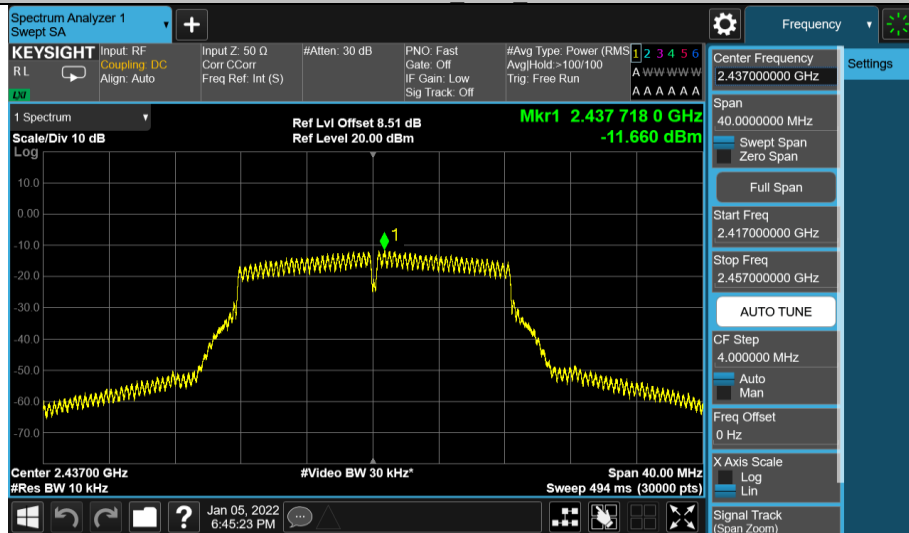
11G-CDD Ant2 2412



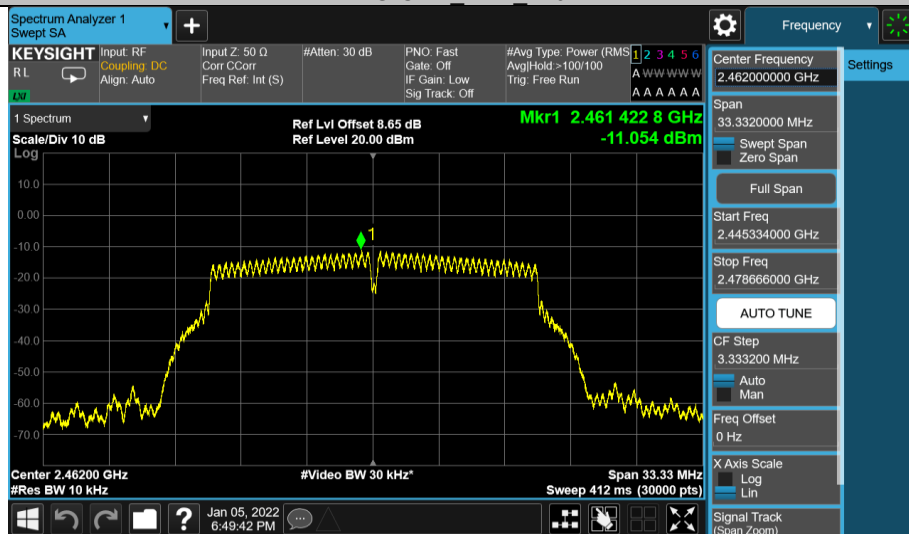
11G-CDD Ant1 2437



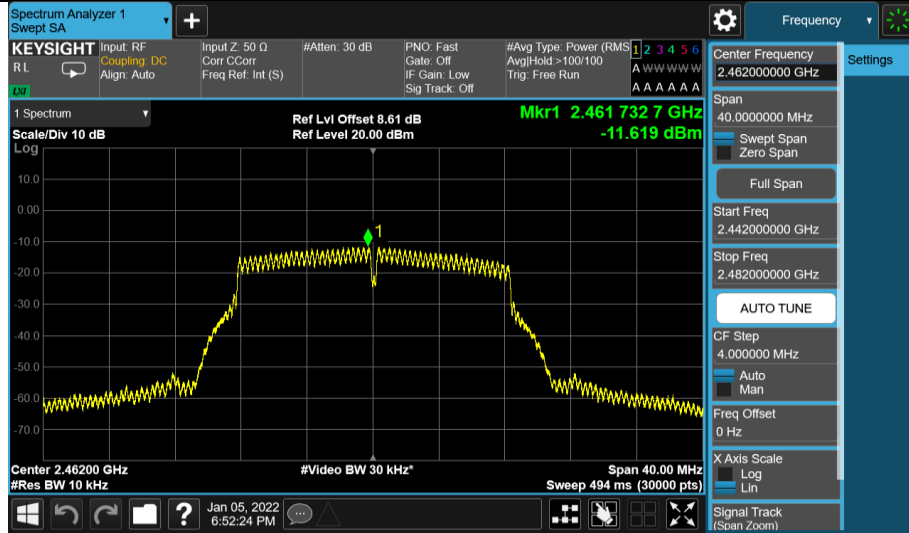
11G-CDD Ant2 2437



11G-CDD Ant1 2462

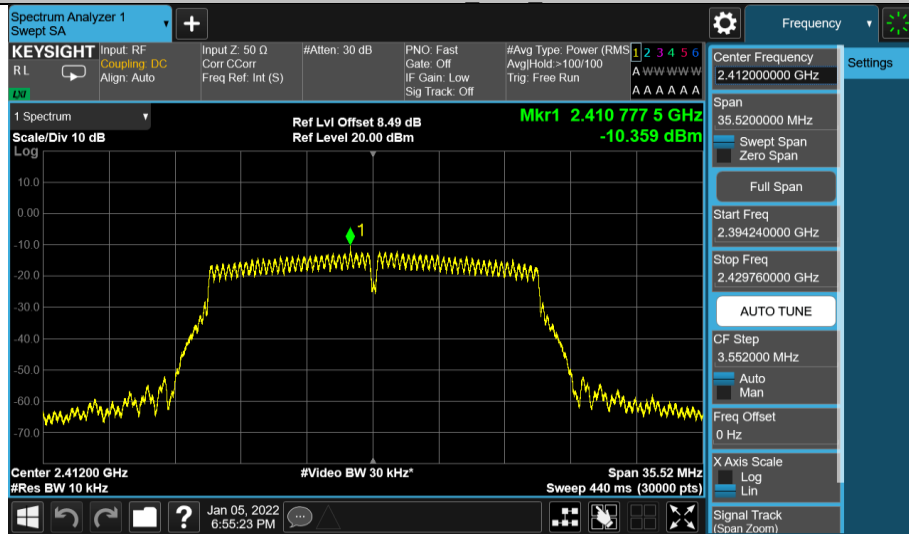


11G-CDD Ant2 2462

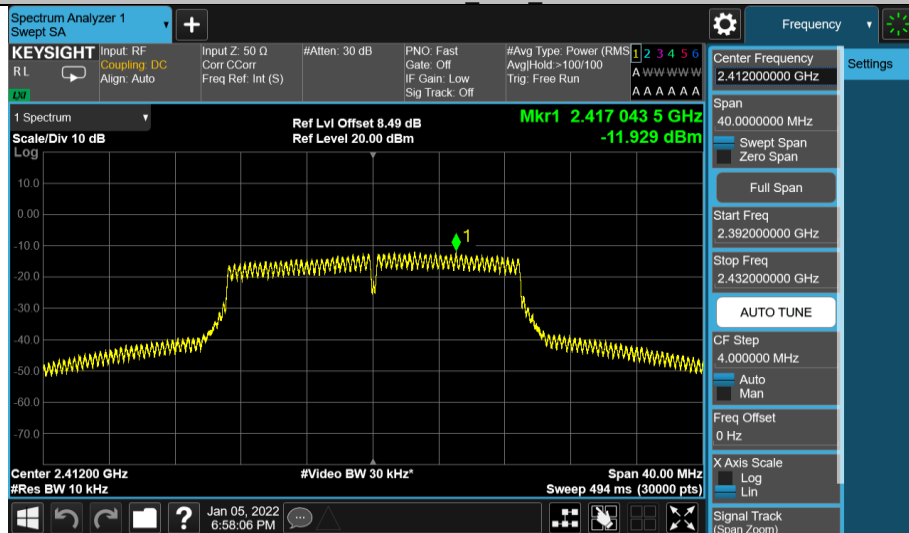


Wi-Fi 802.11 n20 mode, MCS0 Mbps

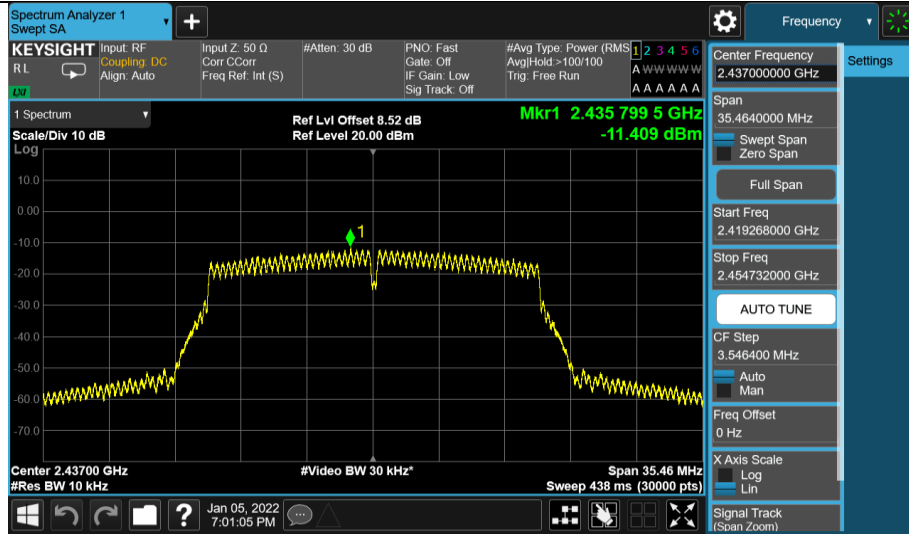
11N20MIMO Ant1 2412



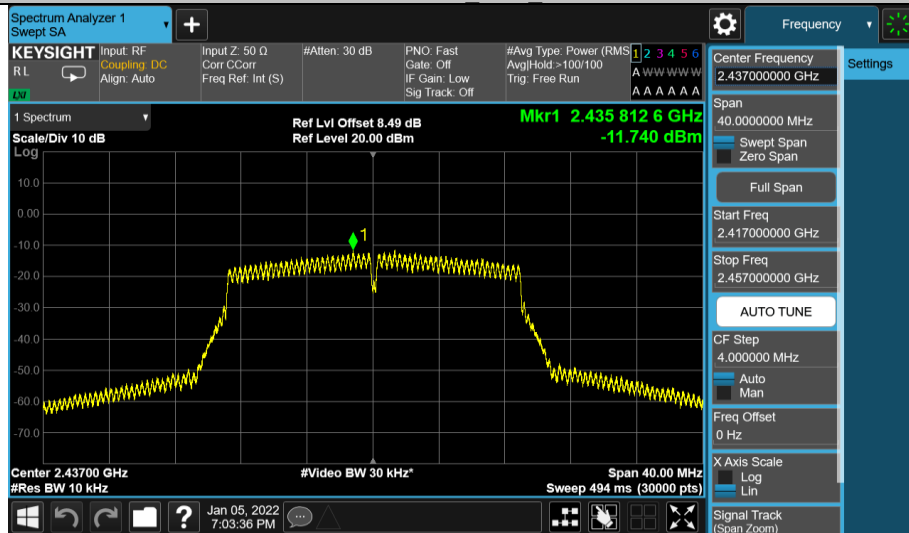
11N20MIMO Ant2 2412



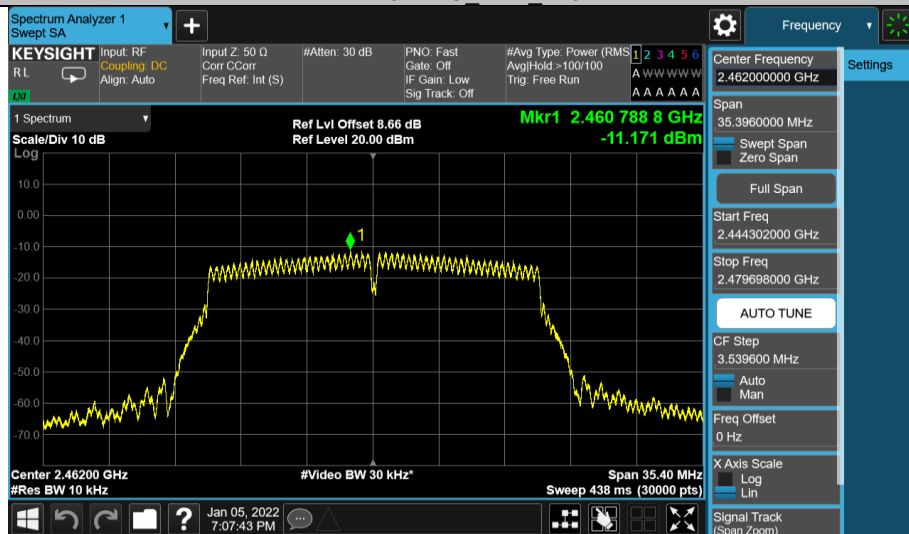
11N20MIMO Ant1 2437



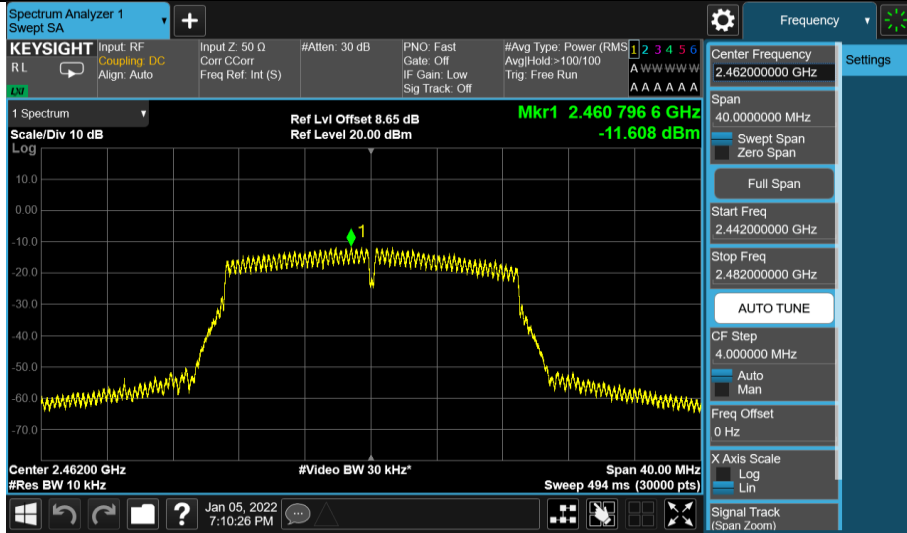
11N20MIMO Ant2 2437



11N20MIMO Ant1 2462

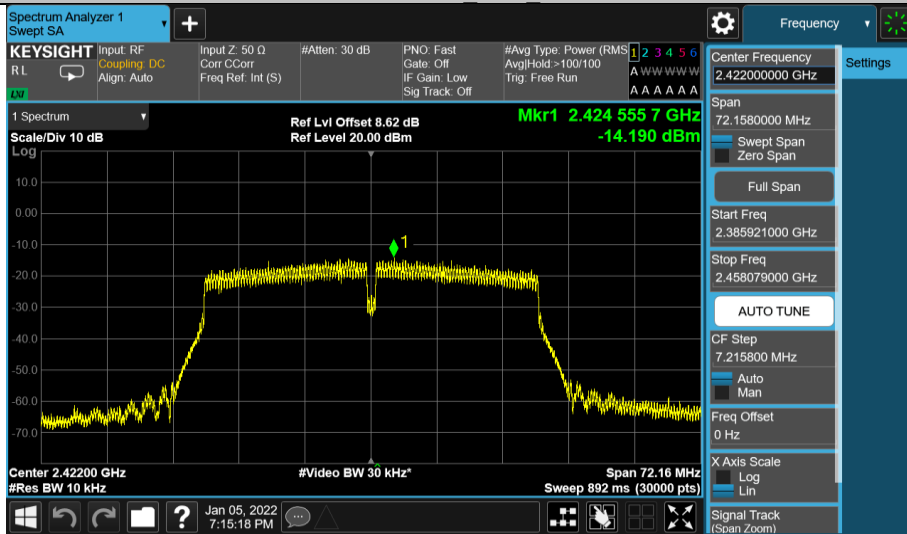


11N20MIMO Ant2 2462

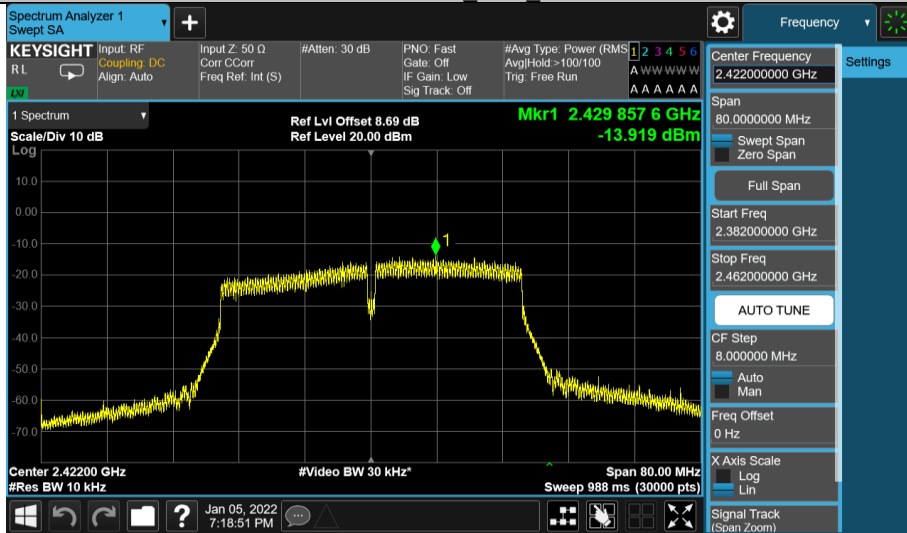


Wi-Fi 802.11 n40 mode, MCS0 Mbps

11N40MIMO Ant1 2422



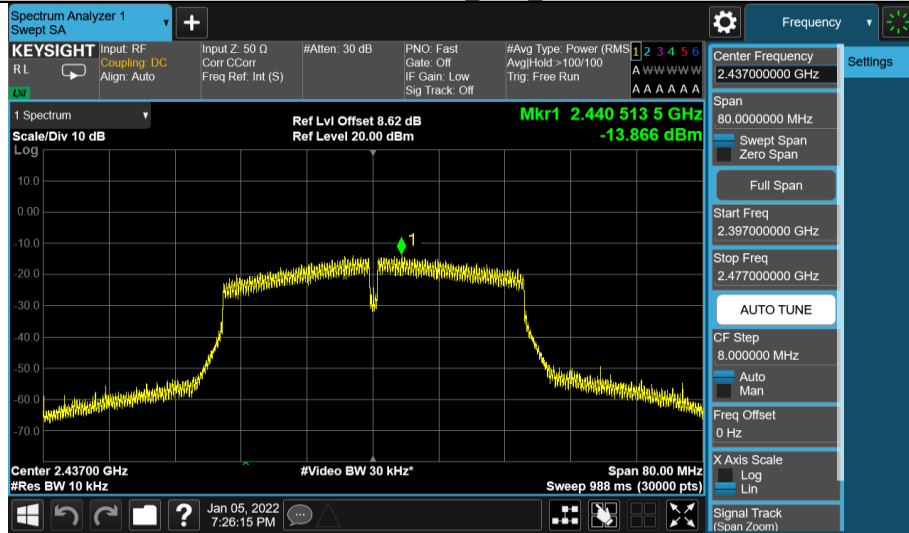
11N40MIMO Ant2 2422



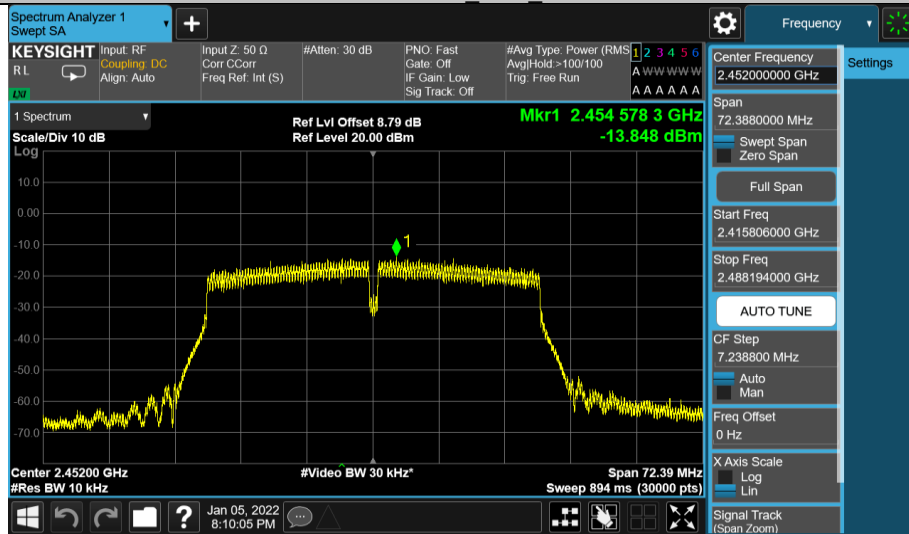
11N40MIMO Ant1 2437



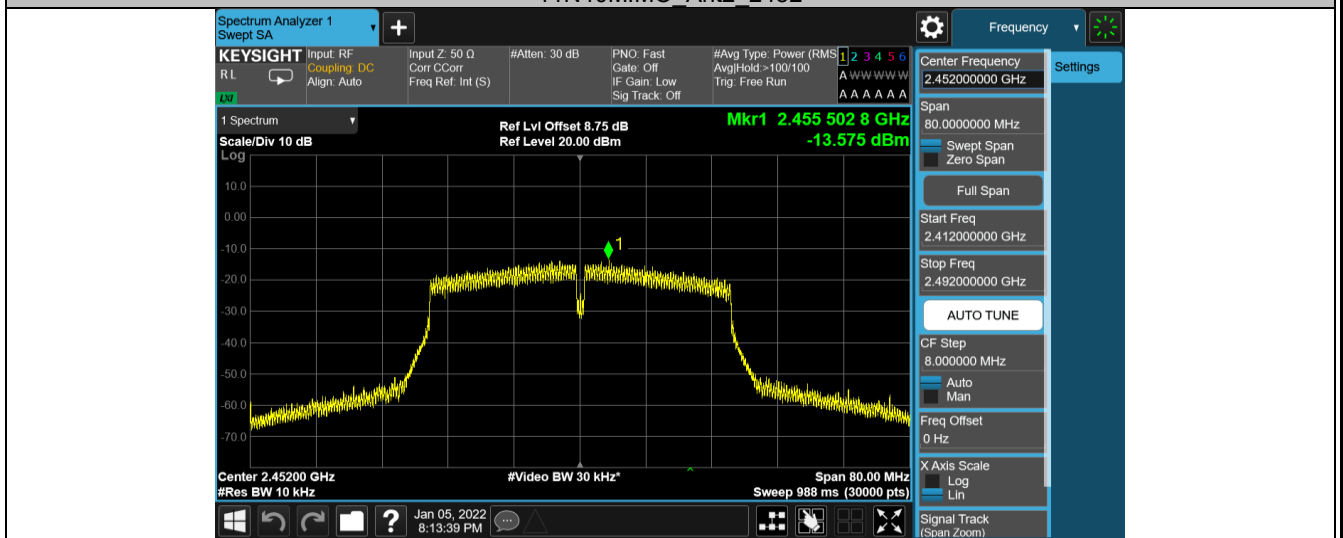
11N40MIMO Ant2 2437



11N40MIMO Ant1 2452



11N40MIMO Ant2 2452

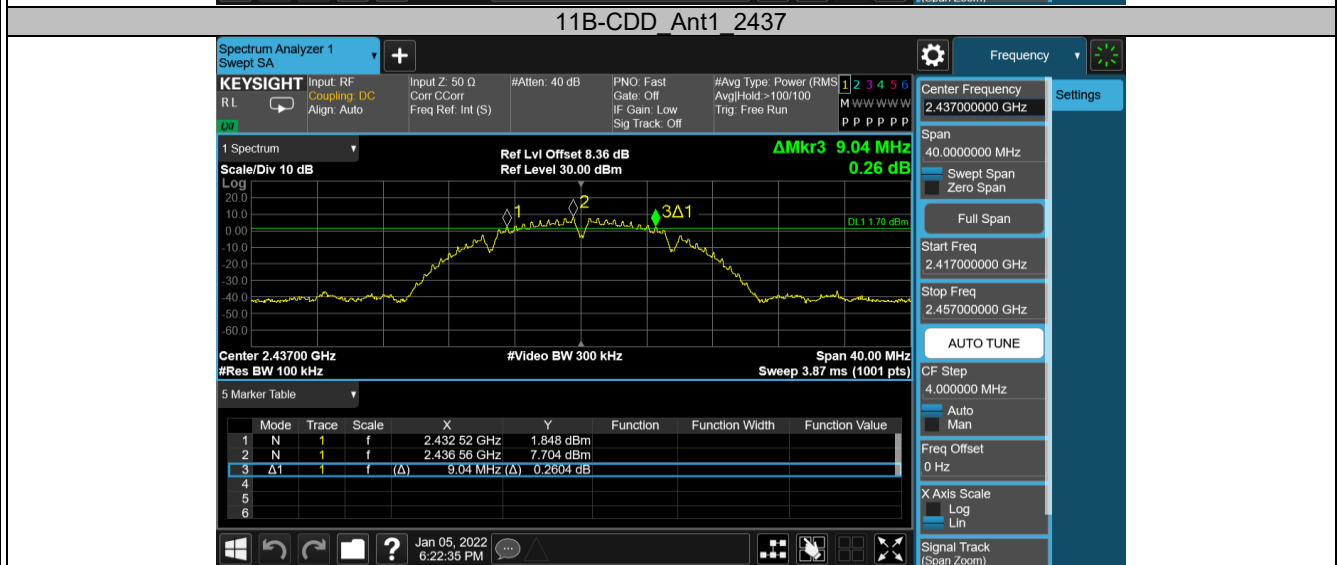
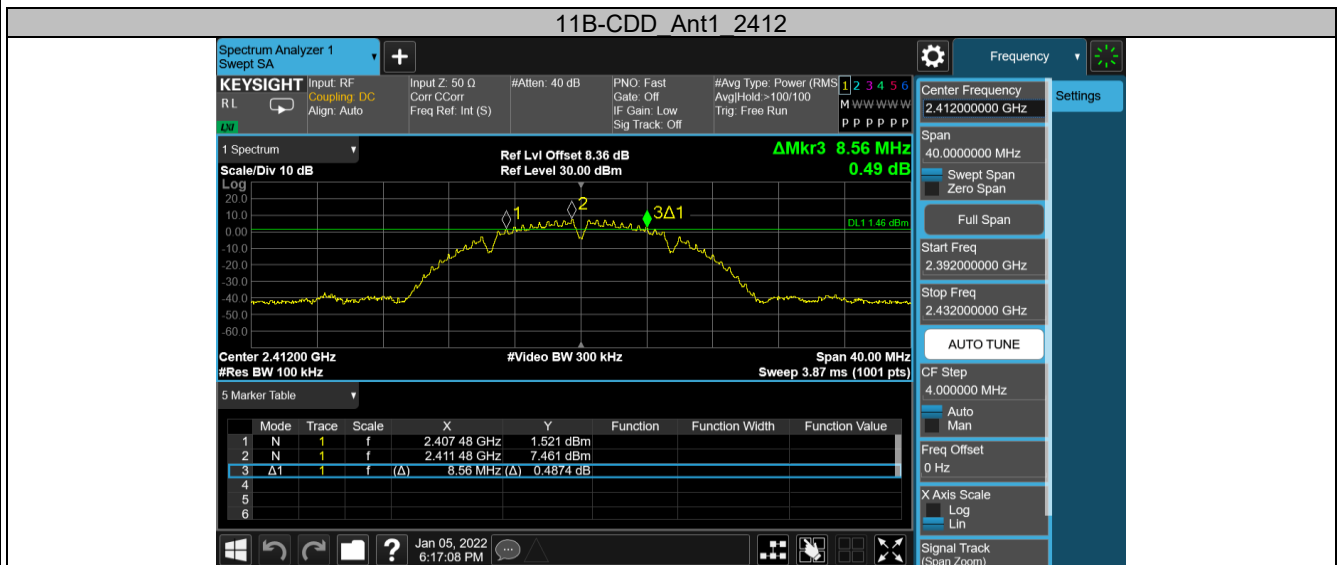


Appendix B.2: Test Results of 6dB Bandwidth

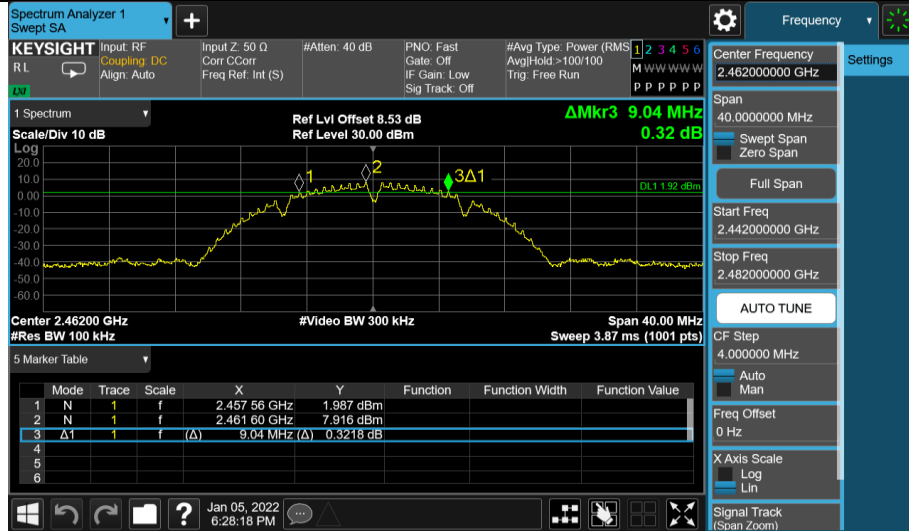
DTS Bandwidth Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	8.560	2407.480	2416.040	0.5	PASS
		2437	9.040	2432.520	2441.560	0.5	PASS
		2462	9.040	2457.560	2466.600	0.5	PASS
11G-CDD	Ant1	2412	15.080	2404.520	2419.600	0.5	PASS
		2437	15.080	2429.520	2444.600	0.5	PASS
		2462	15.080	2454.520	2469.600	0.5	PASS
11N20MIMO	Ant1	2412	15.320	2404.480	2419.800	0.5	PASS
		2437	15.640	2429.520	2445.160	0.5	PASS
		2462	15.680	2454.480	2470.160	0.5	PASS
11N40MIMO	Ant1	2422	35.120	2404.480	2439.600	0.5	PASS
		2437	35.120	2419.480	2454.600	0.5	PASS
		2452	35.120	2434.480	2469.600	0.5	PASS

Wi-Fi 802.11 b mode, 1 Mbps

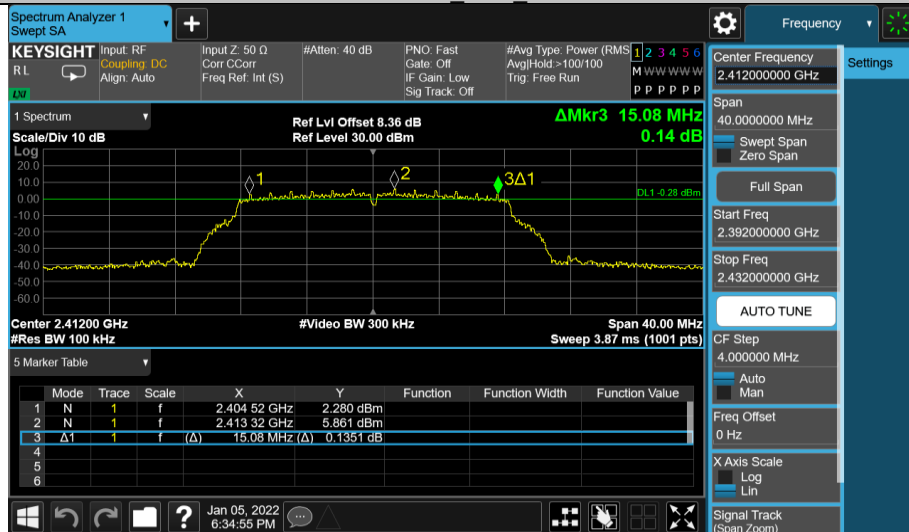


11B-CDD Ant1 2462

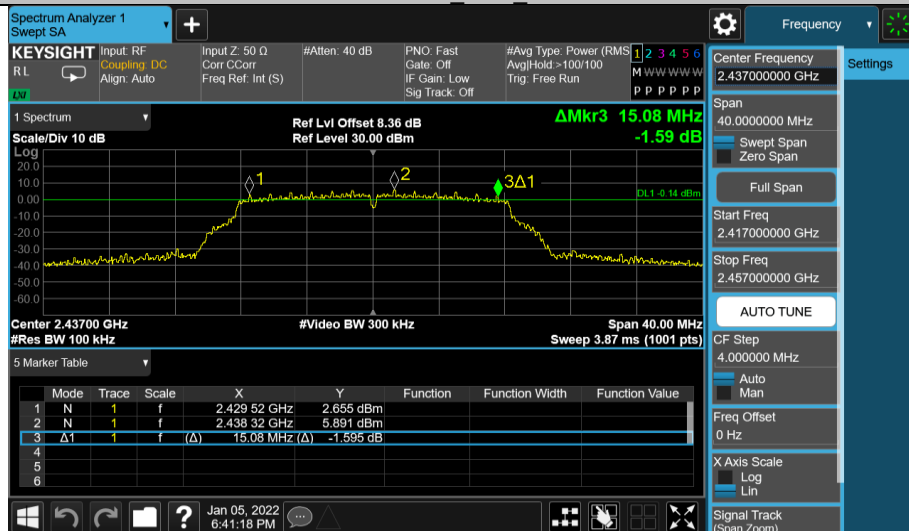


Wi-Fi 802.11 g mode, 6 Mbps

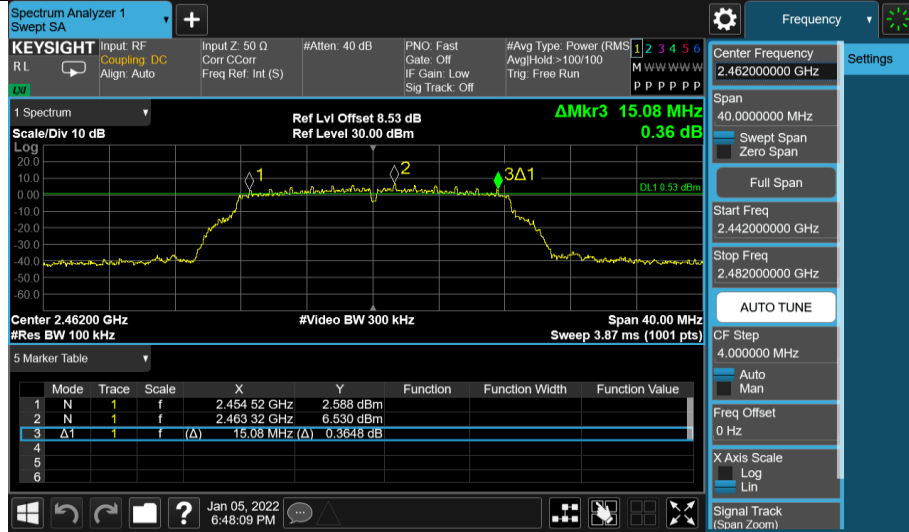
11G-CDD Ant1 2412



11G-CDD Ant1 2437

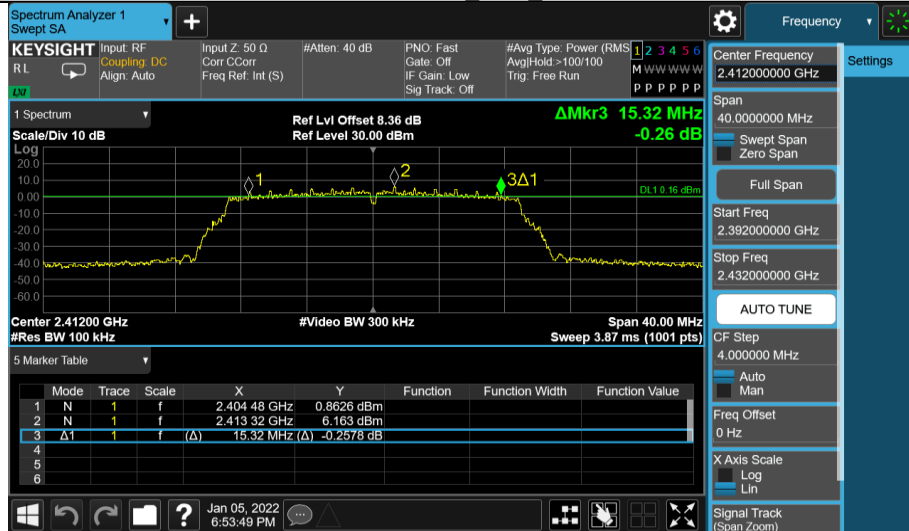


11G-CDD Ant1 2462

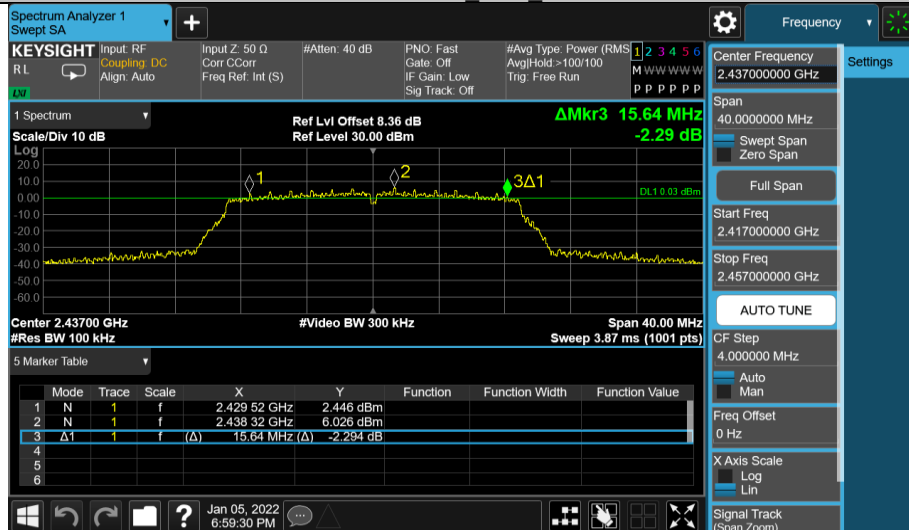


Wi-Fi 802.11 n20 mode, MCS0 Mbps

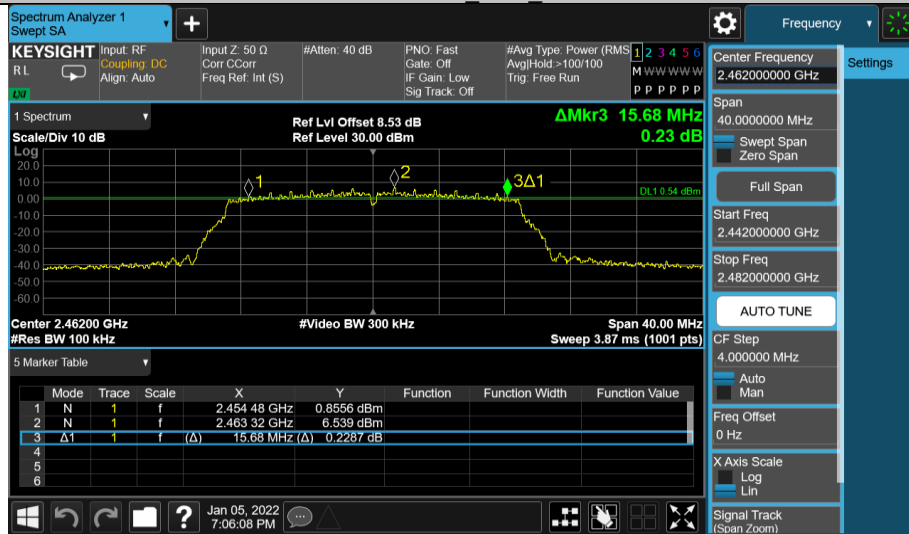
11N20MIMO Ant1 2412



11N20MIMO Ant1 2437

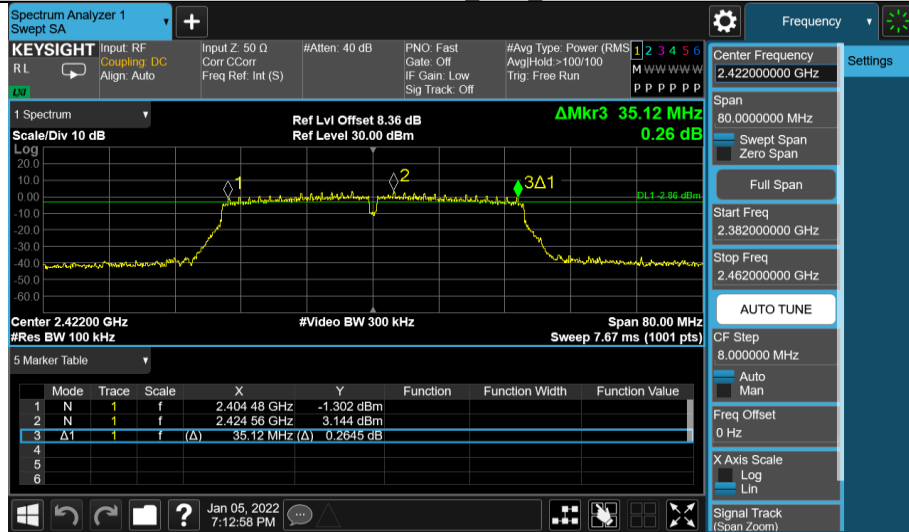


11N20MIMO Ant1 2462

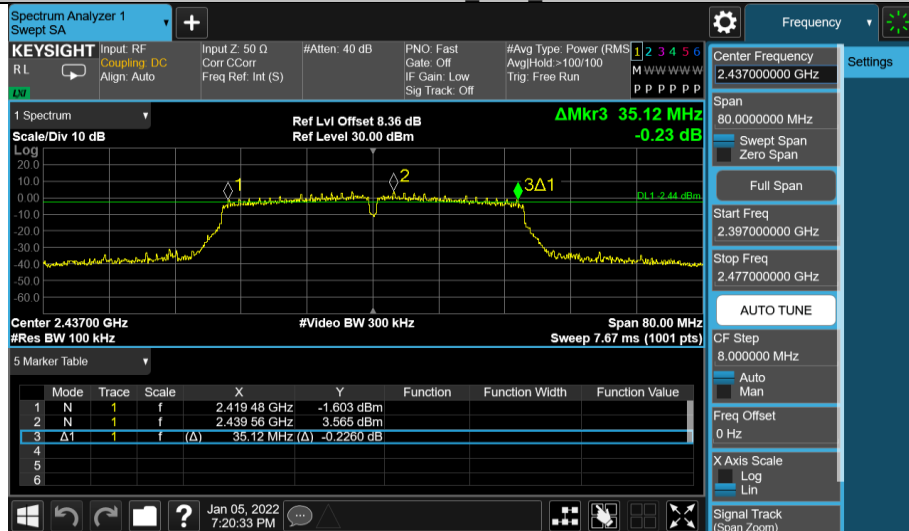


Wi-Fi 802.11 n 40 mode, MCS0 Mbps

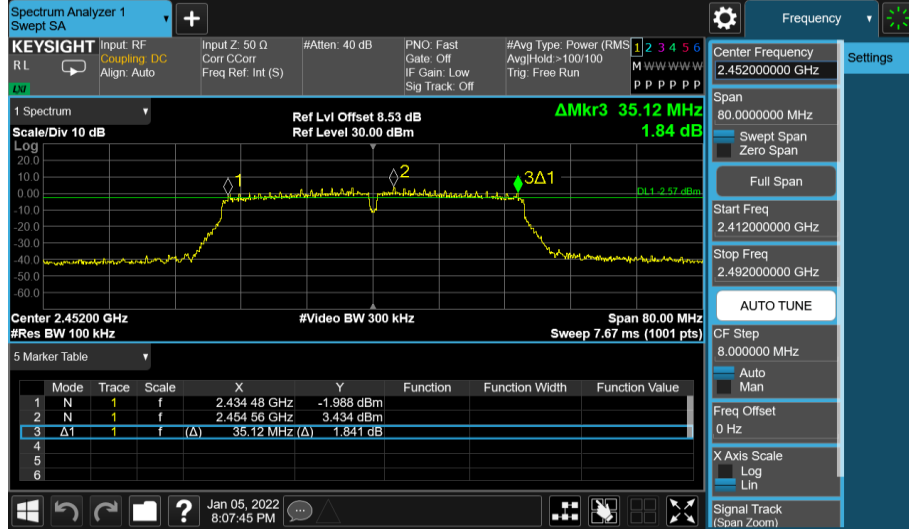
11N40MIMO Ant1 2422



11N40MIMO Ant1 2437



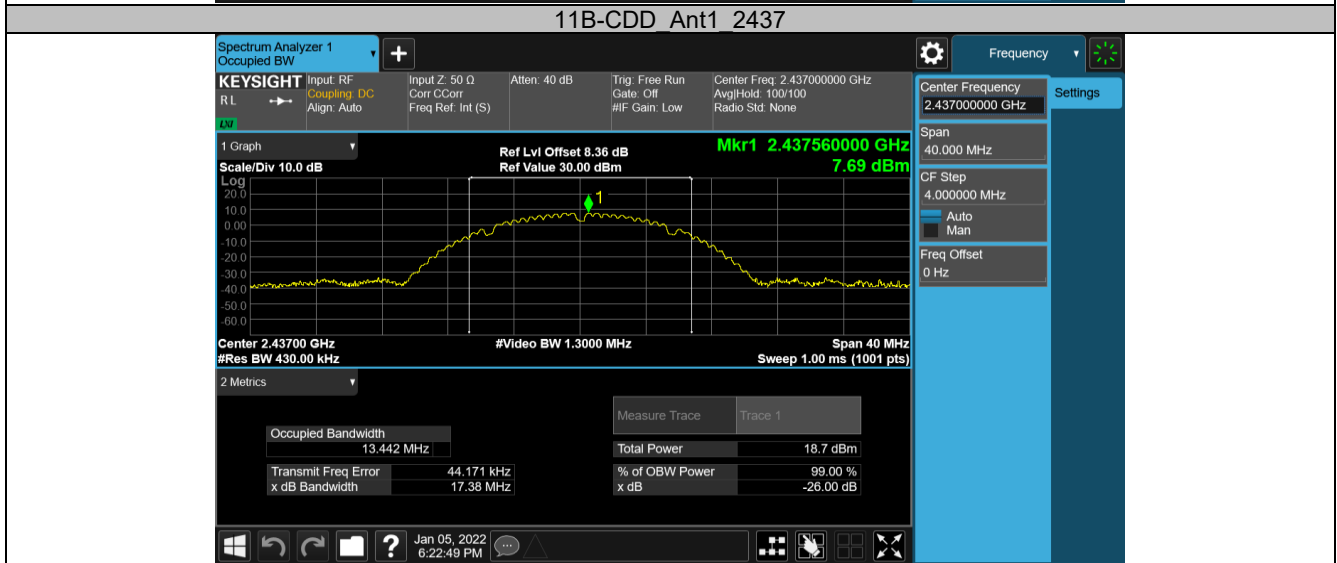
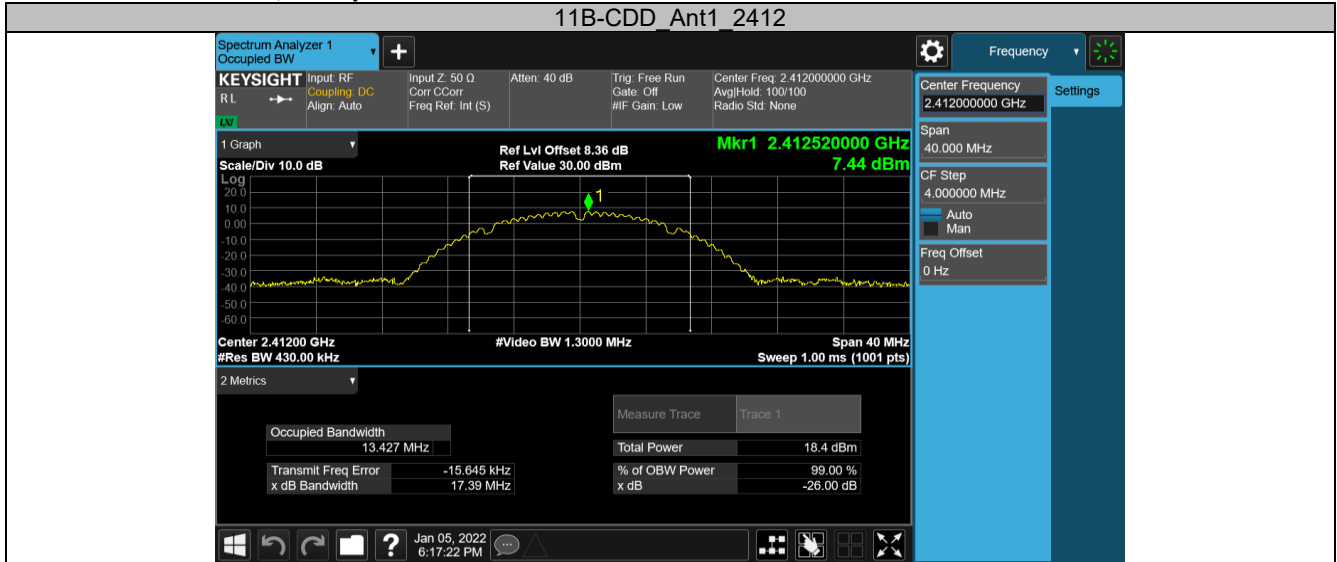
11N40MIMO Ant1 2452

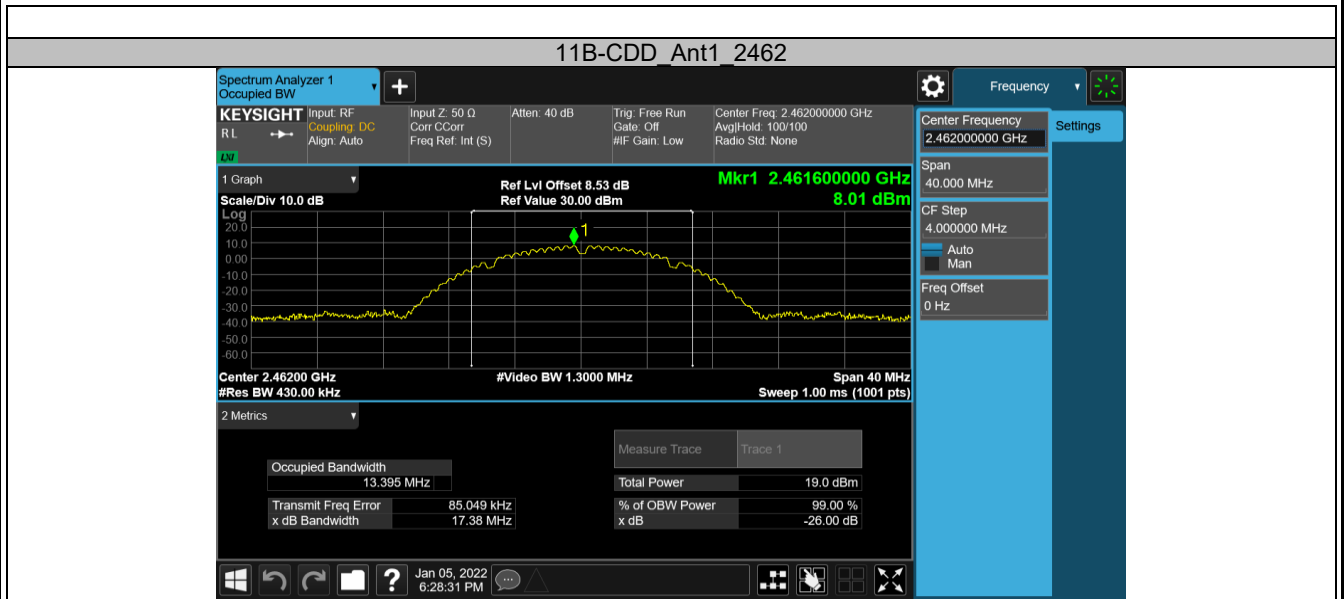


Appendix B.3: Test Results of 99% Bandwidth

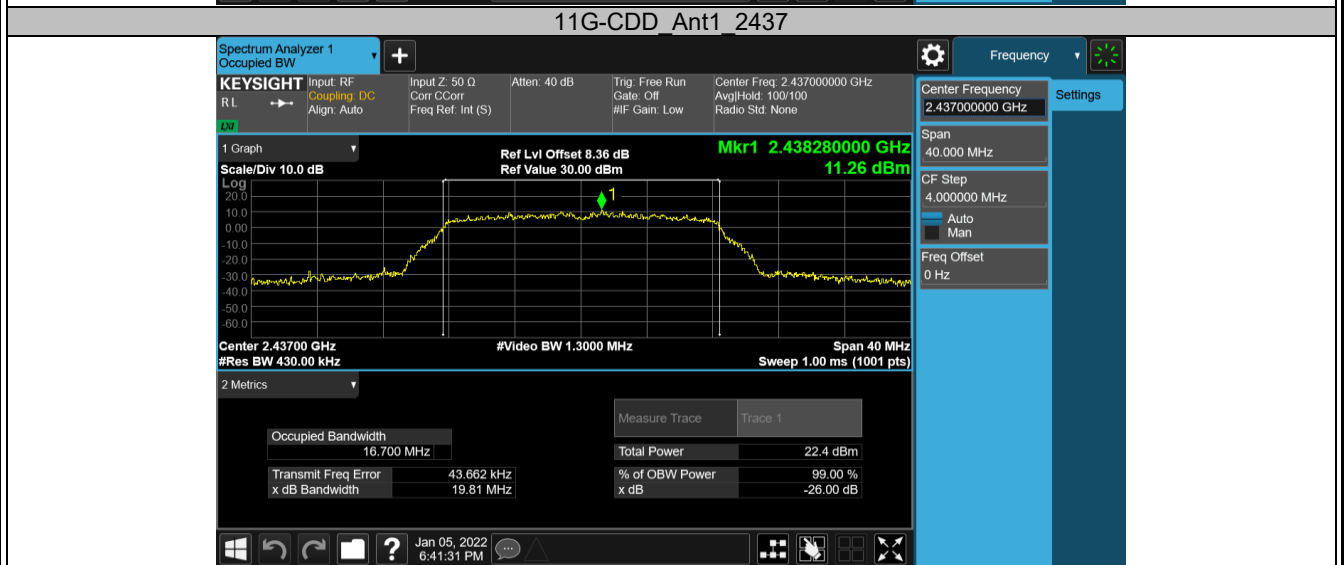
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	13.427	2405.271	2418.698	---	PASS
		2437	13.442	2430.323	2443.765	---	PASS
		2462	13.395	2455.388	2468.783	---	PASS
11G-CDD	Ant1	2412	16.695	2403.715	2420.410	---	PASS
		2437	16.700	2428.694	2445.394	---	PASS
		2462	16.666	2453.745	2470.411	---	PASS
11N20MIMO	Ant1	2412	17.760	2403.185	2420.945	---	PASS
		2437	17.732	2428.175	2445.907	---	PASS
		2462	17.698	2453.219	2470.917	---	PASS
11N40MIMO	Ant1	2422	36.079	2404.006	2440.085	---	PASS
		2437	36.000	2419.063	2455.063	---	PASS
		2452	36.194	2434.010	2470.204	---	PASS

Wi-Fi 802.11 b mode, 1 Mbps

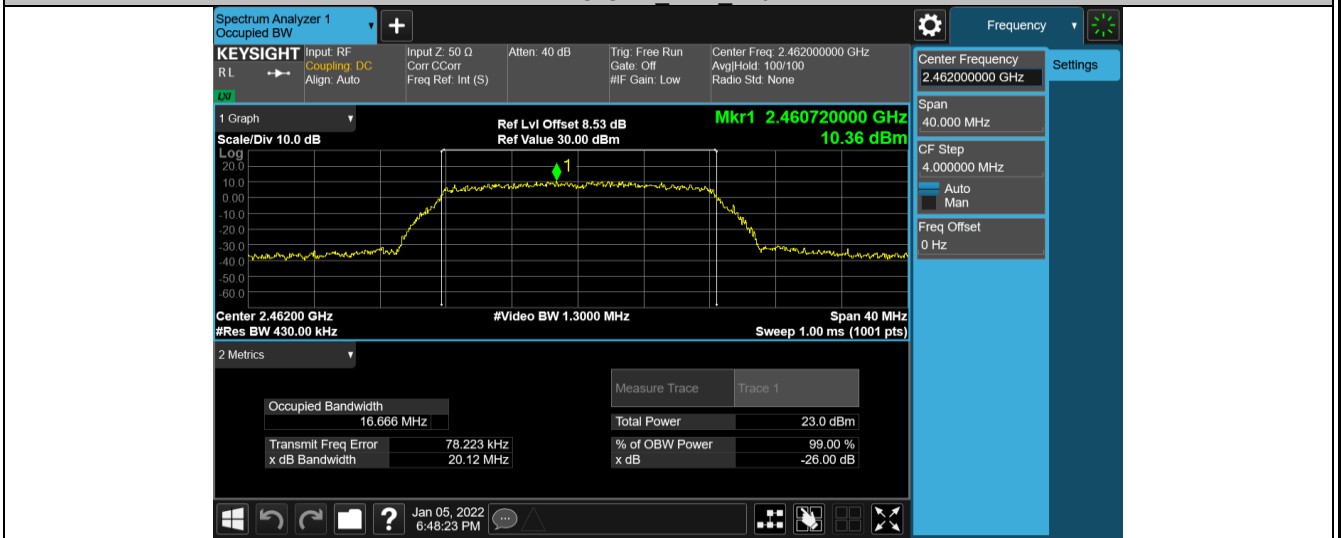




Wi-Fi 802.11 g mode, 6 Mbps

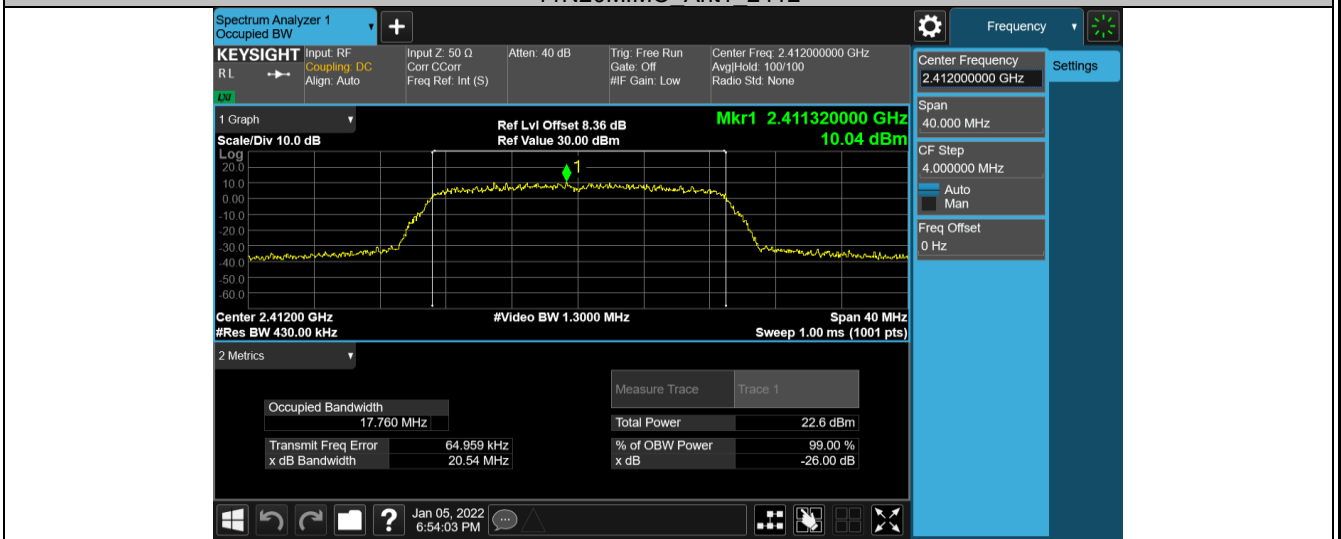


11G-CDD Ant1 2462



Wi-Fi 802.11 n(HT20) mode, MCS0

11N20MIMO Ant1 2412



11N20MIMO Ant1 2437

