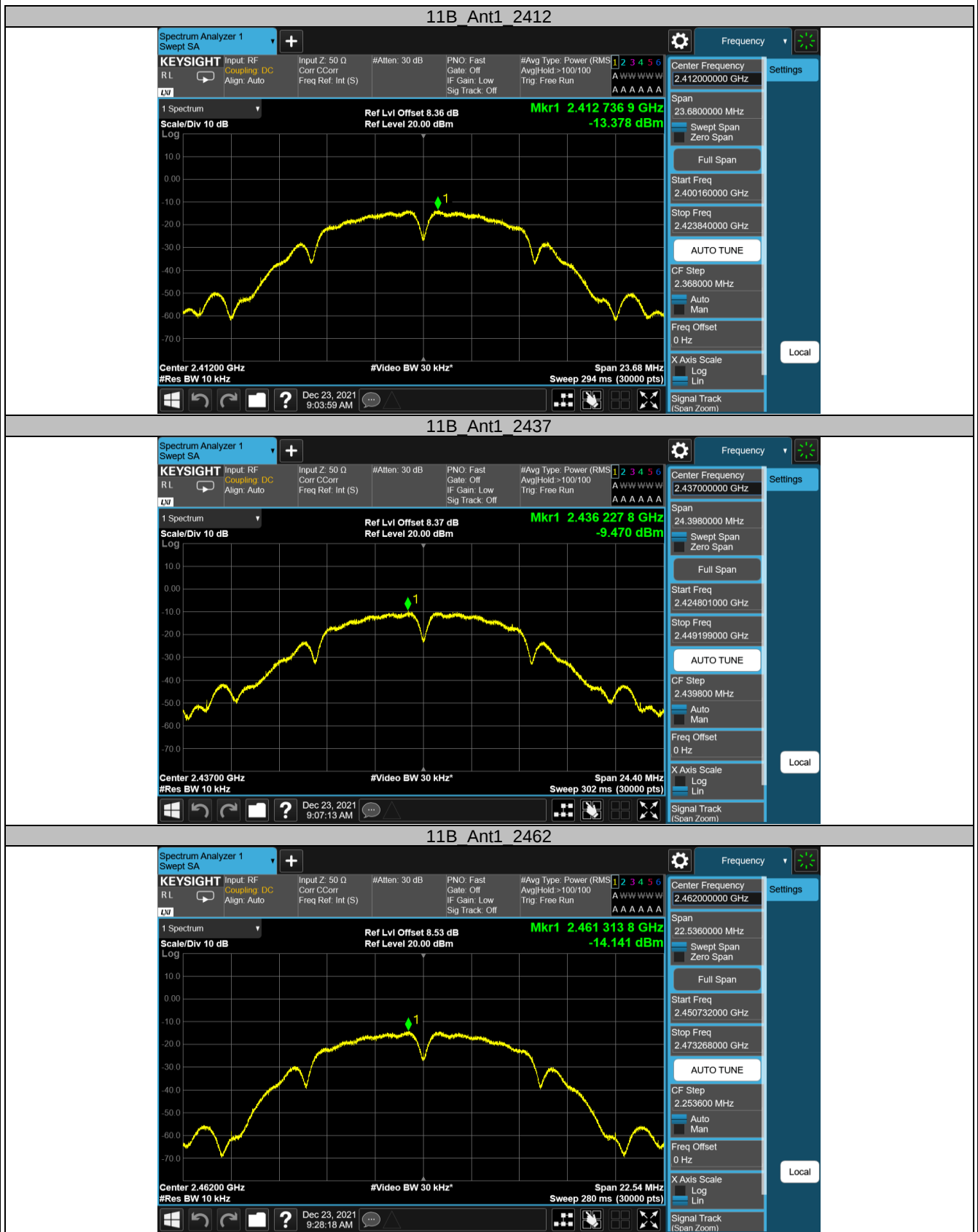


Appendix C: Test Results of Wi-Fi 802.11 b/g/n

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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	-13.38	≤8	PASS
		2437	-9.47	≤8	PASS
		2462	-14.14	≤8	PASS
11G	Ant1	2412	-12.89	≤8	PASS
		2437	-10.04	≤8	PASS
		2462	-11.02	≤8	PASS
11N20SISO	Ant1	2412	-13.35	≤8	PASS
		2437	-10.36	≤8	PASS
		2462	-21.61	≤8	PASS
11N40SISO	Ant1	2422	-18.92	≤8	PASS
		2437	-16.53	≤8	PASS
		2452	-18.60	≤8	PASS







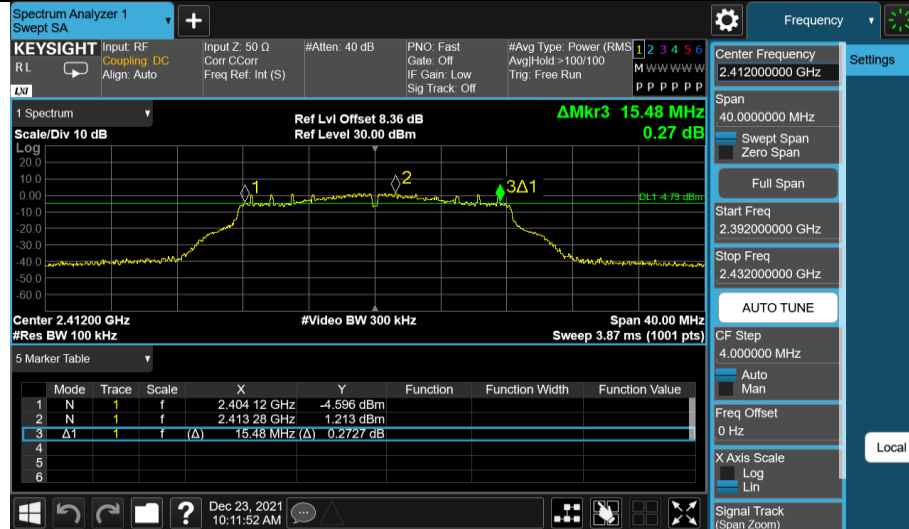


Appendix C.2: Test Results of 6dB Bandwidth

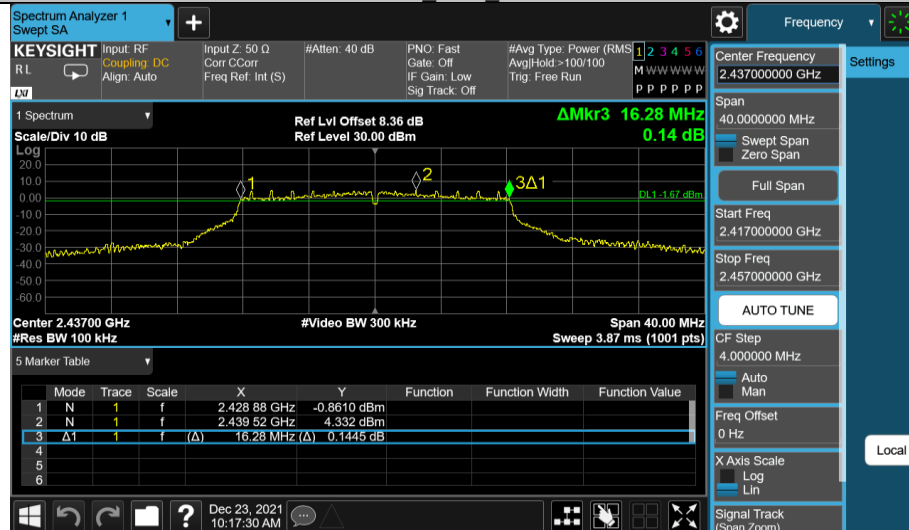
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.080	2407.960	2416.040	0.5	PASS
		2437	8.560	2432.960	2441.520	0.5	PASS
		2462	8.080	2457.960	2466.040	0.5	PASS
11G	Ant1	2412	15.480	2404.120	2419.600	0.5	PASS
		2437	16.280	2428.880	2445.160	0.5	PASS
		2462	15.120	2454.440	2469.560	0.5	PASS
11N20SISO	Ant1	2412	15.160	2404.440	2419.600	0.5	PASS
		2437	17.160	2428.640	2445.800	0.5	PASS
		2462	15.120	2454.440	2469.560	0.5	PASS
11N40SISO	Ant1	2422	35.680	2404.240	2439.920	0.5	PASS
		2437	36.080	2419.080	2455.160	0.5	PASS
		2452	35.200	2434.400	2469.600	0.5	PASS



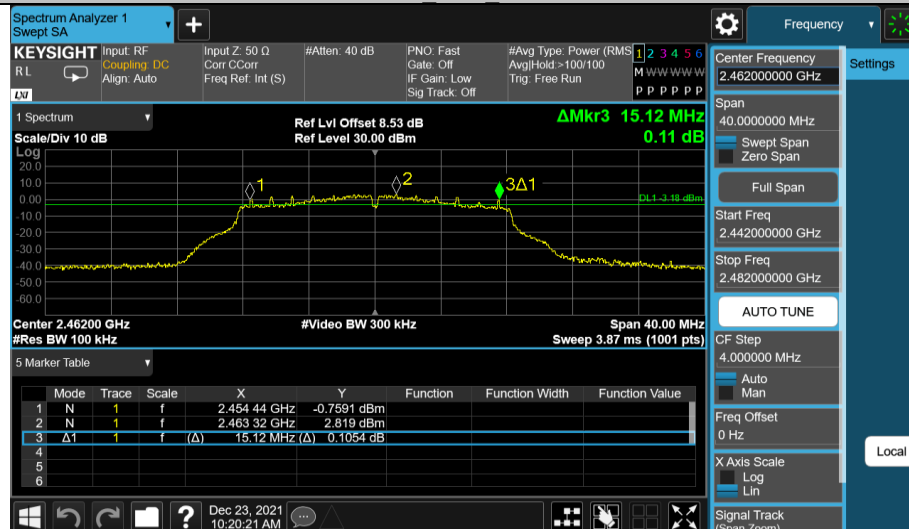
11G_Ant1_2412



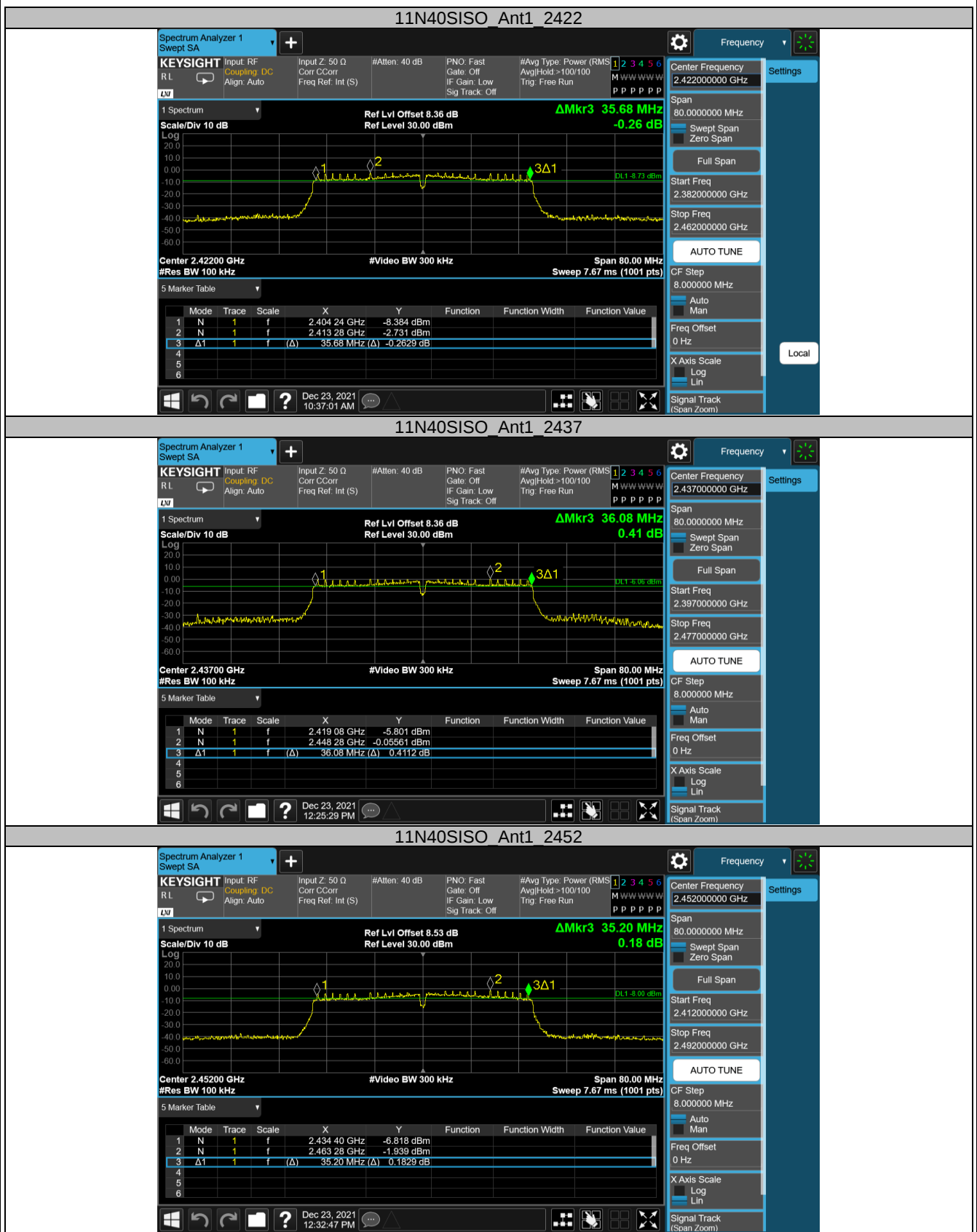
11G_Ant1_2437



11G_Ant1_2462

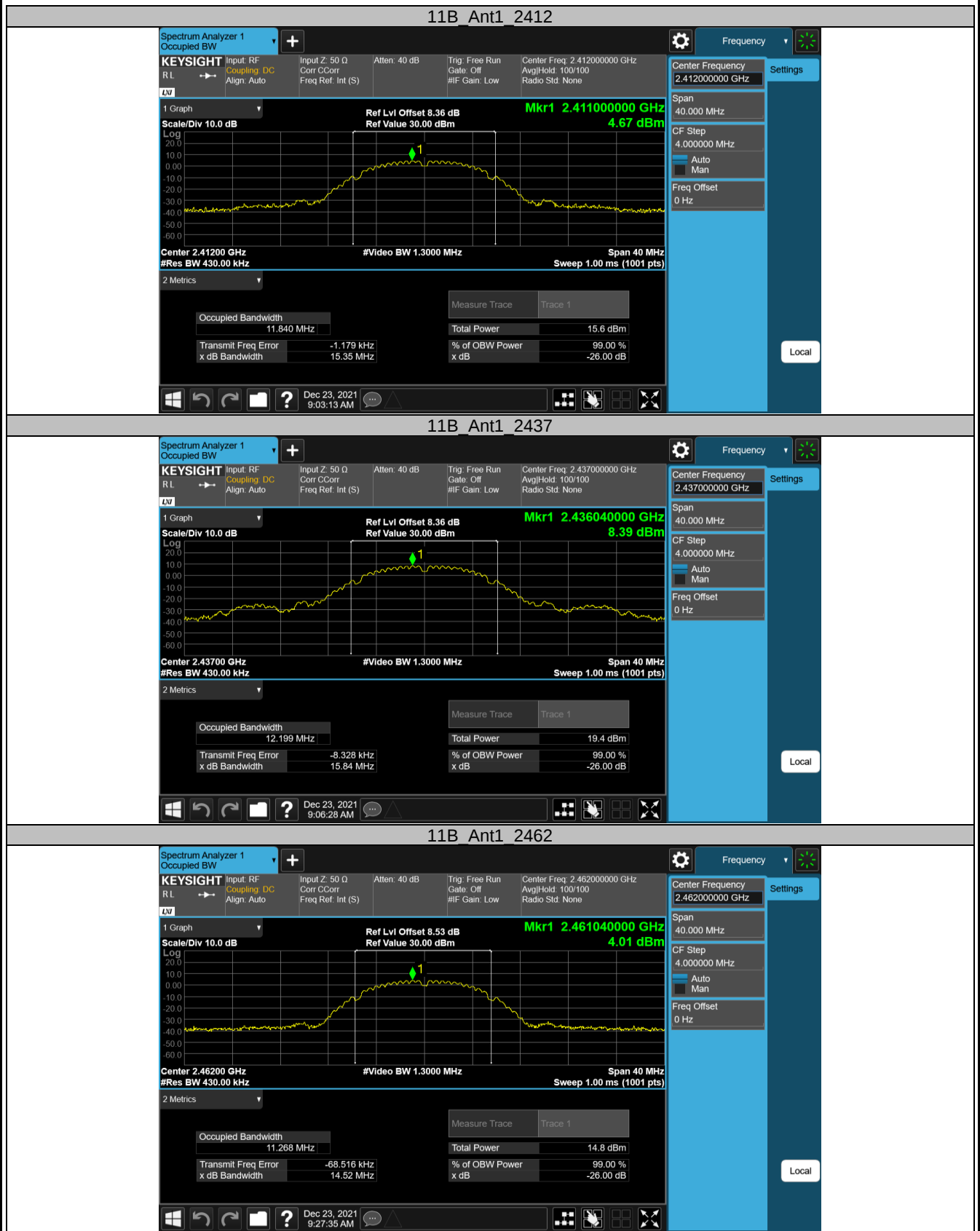


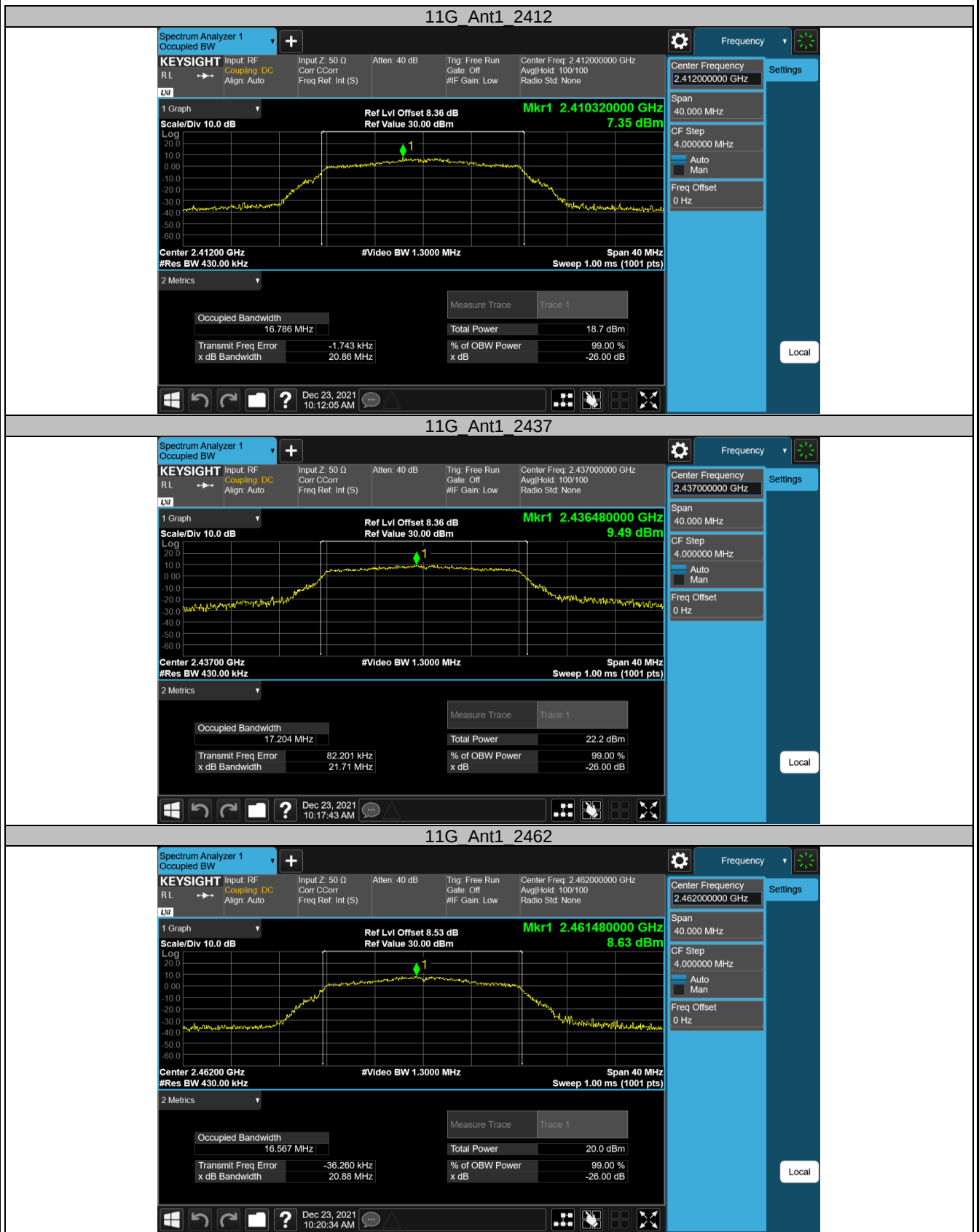


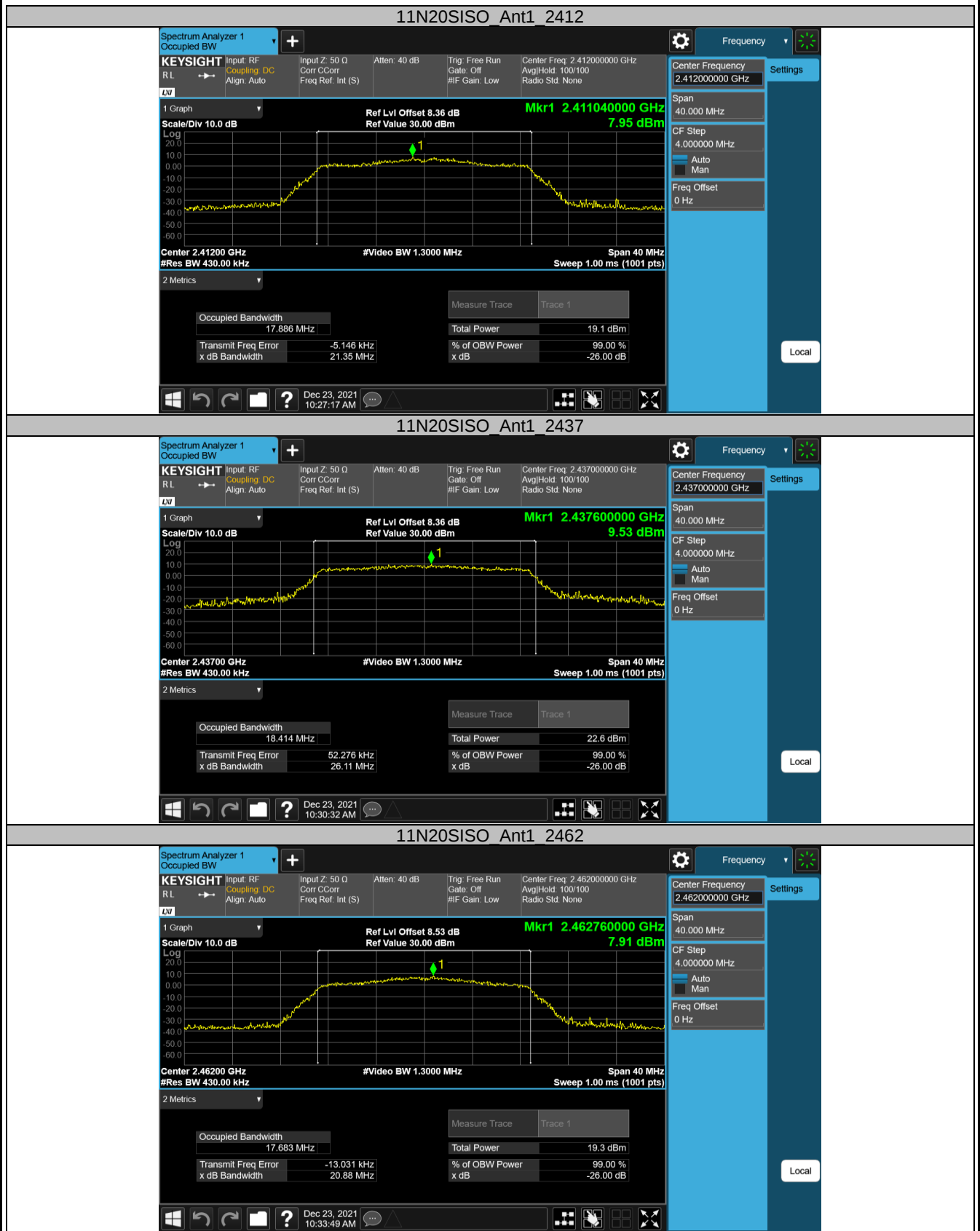


Appendix C.3: Test Results of 99% Bandwidth

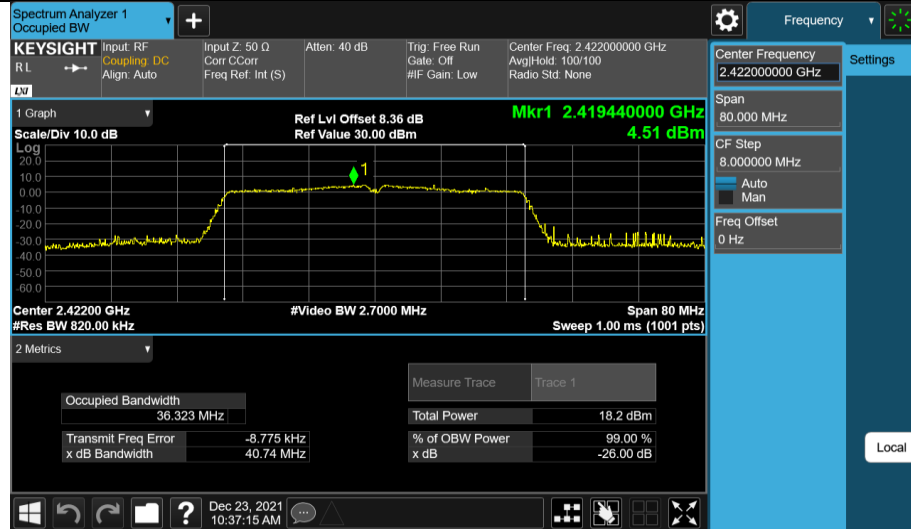
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.840	2406.079	2417.919	---	PASS
		2437	12.199	2430.892	2443.091	---	PASS
		2462	11.268	2456.297	2467.565	---	PASS
11G	Ant1	2412	16.786	2403.605	2420.391	---	PASS
		2437	17.204	2428.480	2445.684	---	PASS
		2462	16.567	2453.680	2470.247	---	PASS
11N20SISO	Ant1	2412	17.886	2403.052	2420.938	---	PASS
		2437	18.414	2427.845	2446.259	---	PASS
		2462	17.683	2453.145	2470.828	---	PASS
11N40SISO	Ant1	2422	36.323	2403.830	2440.153	---	PASS
		2437	36.499	2418.880	2455.379	---	PASS
		2452	36.099	2433.986	2470.085	---	PASS



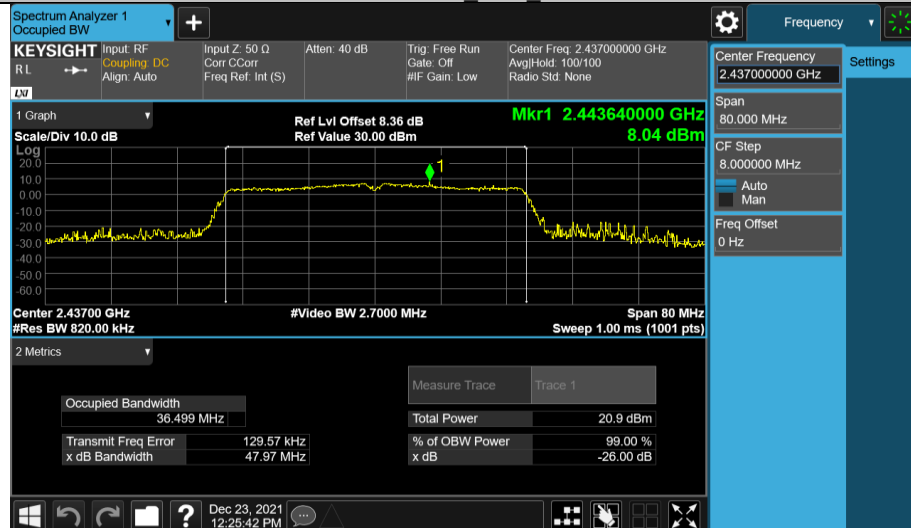




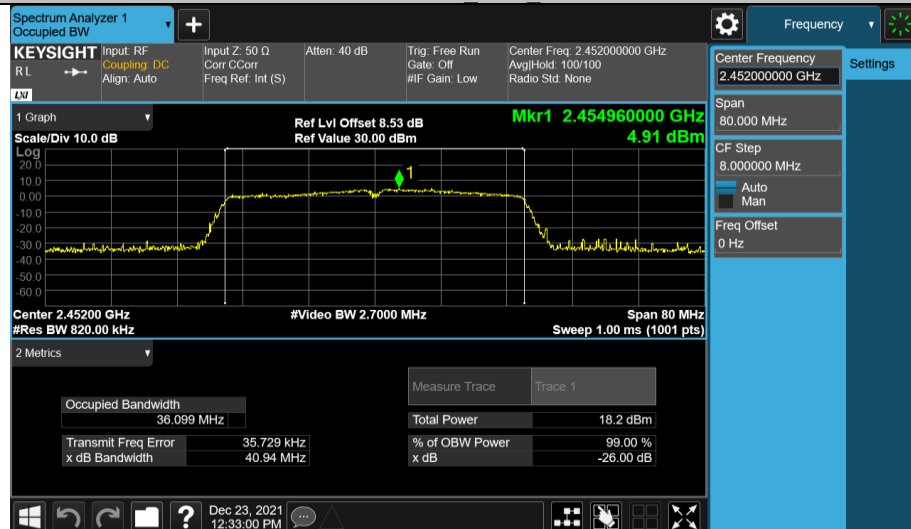
11N40SISO Ant1 2422



11N40SISO Ant1 2437



11N40SISO Ant1 2452



Appendix C.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.61	4.61	---	PASS
			30~1000	4.61	-61.76	≤-25.39	PASS
			1000~26500	4.61	-53.52	≤-25.39	PASS
		2437	Reference	8.20	8.20	---	PASS
			30~1000	8.20	-61.65	≤-21.8	PASS
			1000~26500	8.20	-50.93	≤-21.8	PASS
		2462	Reference	3.78	3.78	---	PASS
			30~1000	3.78	-61.8	≤-26.22	PASS
			1000~26500	3.78	-52.36	≤-26.22	PASS
11G	Ant1	2412	Reference	1.43	1.43	---	PASS
			30~1000	1.43	-62.28	≤-28.57	PASS
			1000~26500	1.43	-53.23	≤-28.57	PASS
		2437	Reference	4.85	4.85	---	PASS
			30~1000	4.85	-61.75	≤-25.15	PASS
			1000~26500	4.85	-52.41	≤-25.15	PASS
		2462	Reference	3.20	3.20	---	PASS
			30~1000	3.20	-62.56	≤-26.8	PASS
			1000~26500	3.20	-52.21	≤-26.8	PASS
11N20SISO	Ant1	2412	Reference	2.06	2.06	---	PASS
			30~1000	2.06	-62.44	≤-27.94	PASS
			1000~26500	2.06	-52.68	≤-27.94	PASS
		2437	Reference	5.23	5.23	---	PASS
			30~1000	5.23	-62.02	≤-24.77	PASS
			1000~26500	5.23	-53.26	≤-24.77	PASS
		2462	Reference	2.88	2.88	---	PASS
			30~1000	2.88	-61.47	≤-27.12	PASS
			1000~26500	2.88	-52.88	≤-27.12	PASS
11N40SISO	Ant1	2422	Reference	-2.64	-2.64	---	PASS
			30~1000	-2.64	-61.79	≤-32.64	PASS
			1000~26500	-2.64	-53.45	≤-32.64	PASS
		2437	Reference	0.17	0.17	---	PASS
			30~1000	0.17	-62.14	≤-29.83	PASS
			1000~26500	0.17	-53.05	≤-29.83	PASS
		2452	Reference	-2.12	-2.12	---	PASS
			30~1000	-2.12	-61.61	≤-32.12	PASS
			1000~26500	-2.12	-52.08	≤-32.12	PASS





