

Appendix: 2.4G Wi-Fi

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Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.040	2408.320	2415.360	0.5	PASS
11B	Ant1	2437	7.520	2432.880	2440.400	0.5	PASS
11B	Ant1	2462	7.560	2457.840	2465.400	0.5	PASS
11G	Ant1	2412	14.080	2404.280	2418.360	0.5	PASS
11G	Ant1	2437	15.160	2429.280	2444.440	0.5	PASS
11G	Ant1	2462	15.160	2454.280	2469.440	0.5	PASS
11N20SISO	Ant1	2412	15.080	2404.320	2419.400	0.5	PASS
11N20SISO	Ant1	2437	15.120	2429.320	2444.440	0.5	PASS
11N20SISO	Ant1	2462	15.160	2454.280	2469.440	0.5	PASS

Test Graphs









Appendix B: Occupied Channel Bandwidth

Test Result

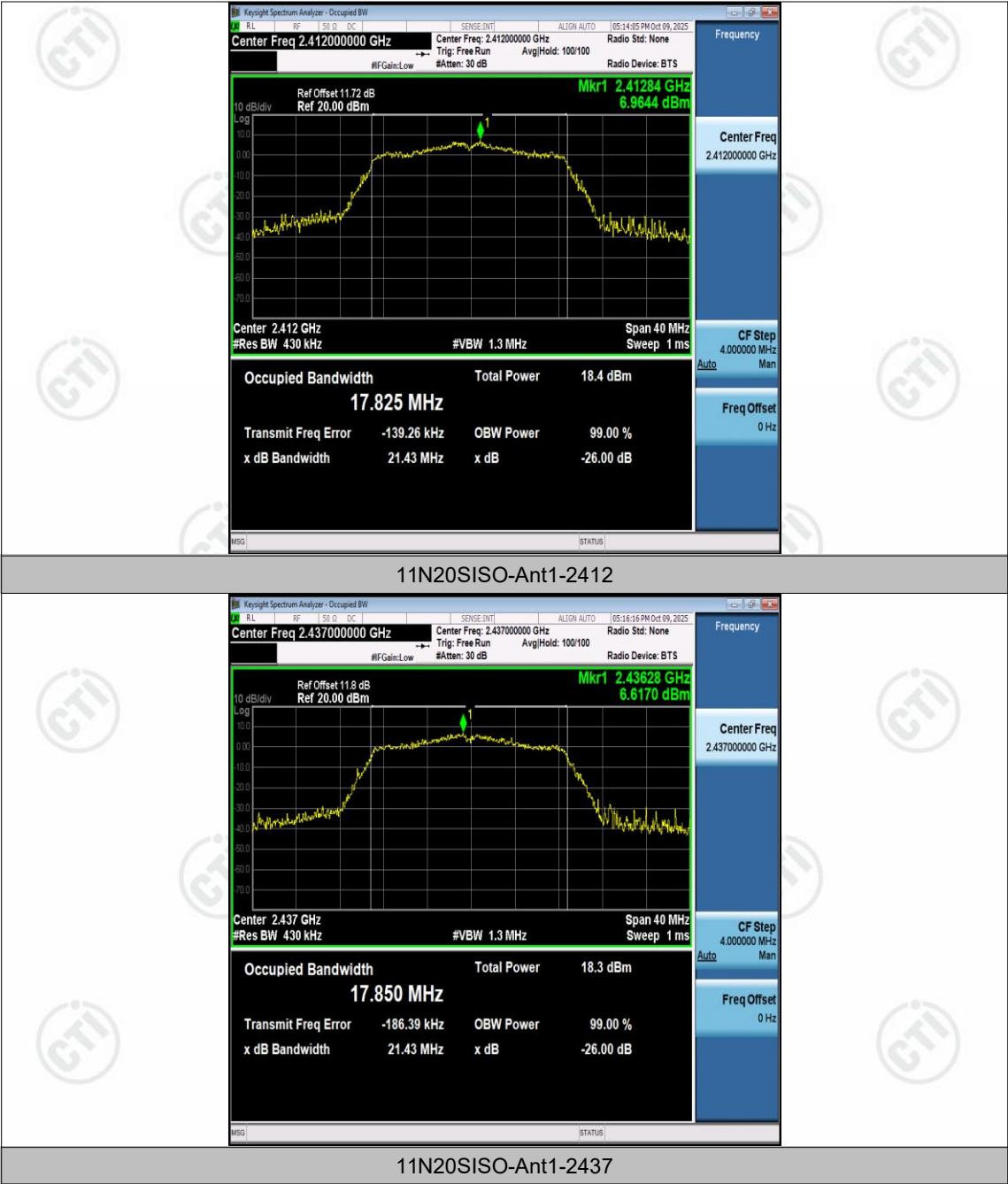
Test Mode	Antenna	Channel Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	10.832	2406.5416	2417.3736	---	---
11B	Ant1	2437	10.867	2431.4531	2442.3201	---	---
11B	Ant1	2462	11.179	2456.2942	2467.4732	---	---
11G	Ant1	2412	16.934	2403.4035	2420.3375	---	---
11G	Ant1	2437	16.934	2428.3950	2445.3290	---	---
11G	Ant1	2462	16.757	2453.4945	2470.2515	---	---
11N20SISO	Ant1	2412	17.825	2402.9482	2420.7732	---	---
11N20SISO	Ant1	2437	17.850	2427.8886	2445.7386	---	---
11N20SISO	Ant1	2462	17.787	2452.9194	2470.7064	---	---

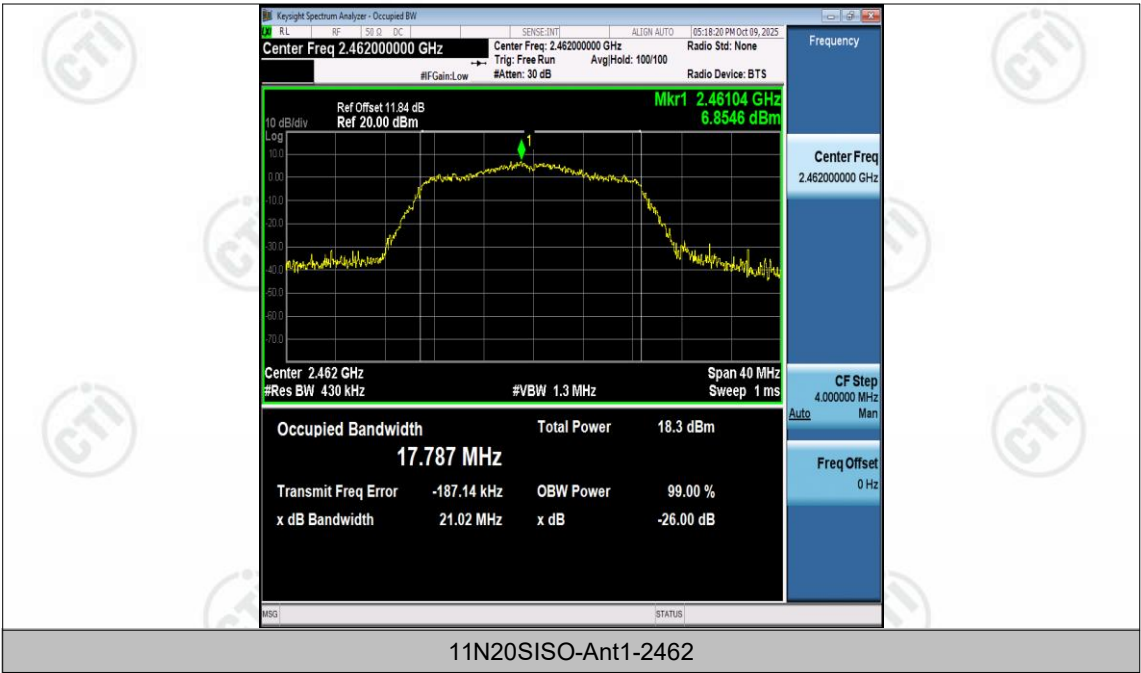
Test Graphs











11N20SISO-Ant1-2462

Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequen cy[MHz]	Conducted Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	12.52	≤30.00	14.79	≤36.00	PASS
11B	Ant1	2437	12.44	≤30.00	14.71	≤36.00	PASS
11B	Ant1	2462	12.44	≤30.00	14.71	≤36.00	PASS
11G	Ant1	2412	13.22	≤30.00	15.49	≤36.00	PASS
11G	Ant1	2437	13.20	≤30.00	15.47	≤36.00	PASS
11G	Ant1	2462	13.15	≤30.00	15.42	≤36.00	PASS
11N20SISO	Ant1	2412	12.77	≤30.00	15.04	≤36.00	PASS
11N20SISO	Ant1	2437	12.62	≤30.00	14.89	≤36.00	PASS
11N20SISO	Ant1	2462	12.73	≤30.00	15.00	≤36.00	PASS

Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-14.22	≤8.00	PASS
11B	Ant1	2437	-14.17	≤8.00	PASS
11B	Ant1	2462	-12.92	≤8.00	PASS
11G	Ant1	2412	-13.70	≤8.00	PASS
11G	Ant1	2437	-12.99	≤8.00	PASS
11G	Ant1	2462	-13.94	≤8.00	PASS
11N20SISO	Ant1	2412	-15.33	≤8.00	PASS
11N20SISO	Ant1	2437	-15.93	≤8.00	PASS
11N20SISO	Ant1	2462	-15.45	≤8.00	PASS

Test Graphs

