

AppendixA: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	8.640	2407.440	2416.080	0.5	PASS
11B	Ant1	2437	1Mbps	10.040	2431.960	2442.000	0.5	PASS
11B	Ant1	2462	1Mbps	9.520	2456.960	2466.480	0.5	PASS
11G	Ant1	2412	6Mbps	16.360	2403.800	2420.160	0.5	PASS
11G	Ant1	2437	6Mbps	16.360	2428.800	2445.160	0.5	PASS
11G	Ant1	2462	6Mbps	16.280	2453.840	2470.120	0.5	PASS
11N20SISO	Ant1	2412	MCS0	16.920	2403.480	2420.400	0.5	PASS
11N20SISO	Ant1	2437	MCS0	17.080	2428.440	2445.520	0.5	PASS
11N20SISO	Ant1	2462	MCS0	17.040	2453.480	2470.520	0.5	PASS

Test Graphs



11B-Ant1-2412-PASS



11B-Ant1-2437-PASS



11B-Ant1-2462-PASS

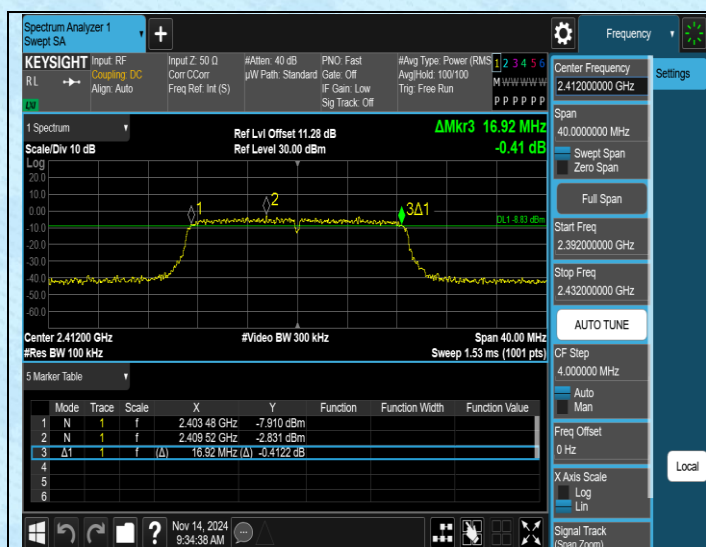


11G-Ant1-2412-PASS



11G-Ant1-2437-PASS

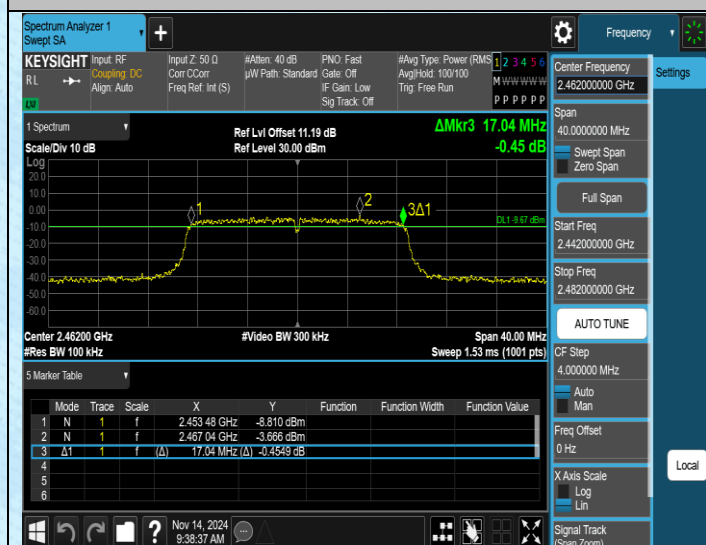
11G-Ant1-2462-PASS



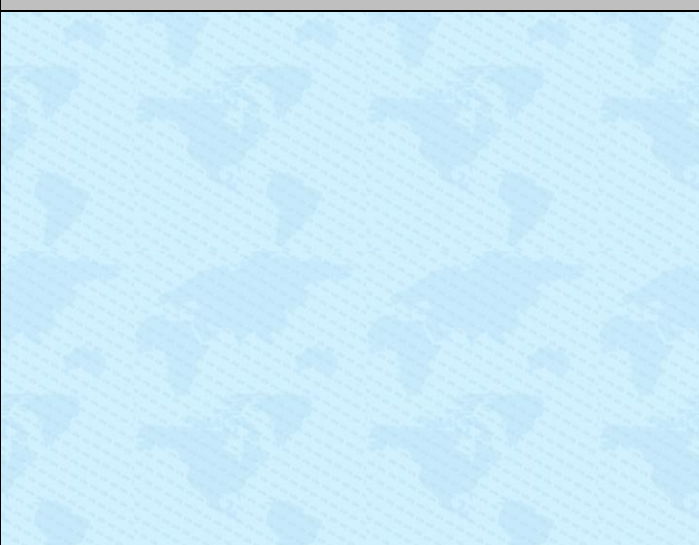
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



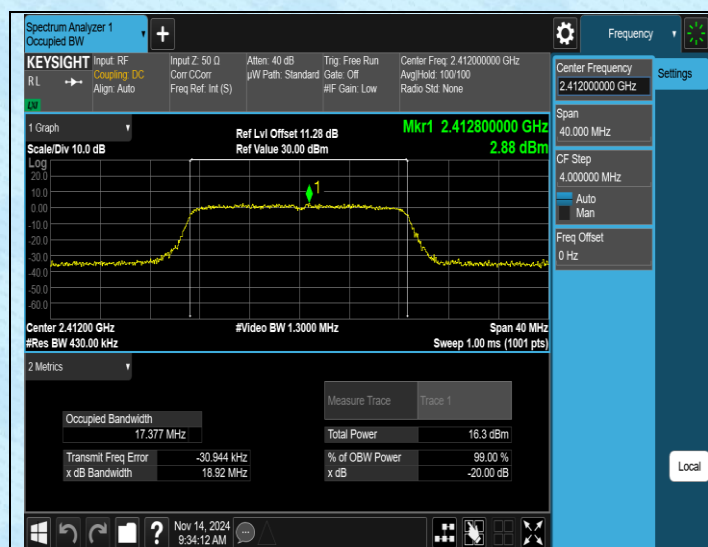
AppendixB: Occupied Channel Bandwidth

Test Result

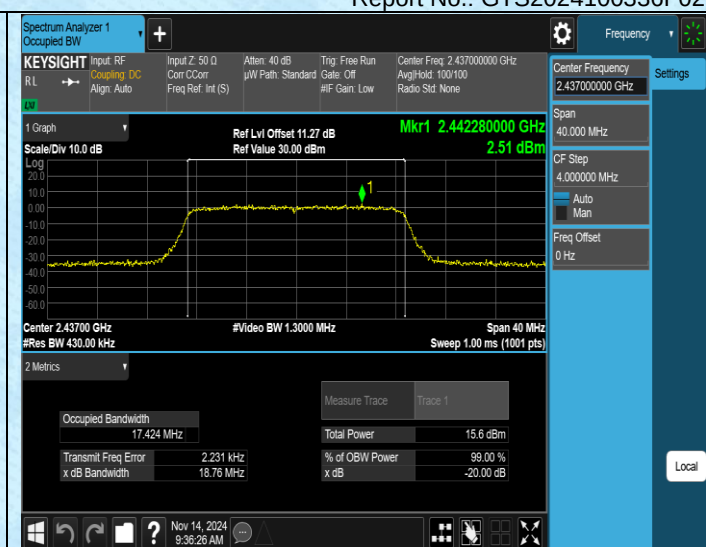
Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	12.995	2405.4198	2418.4148	---	---
11B	Ant1	2437	1Mbps	13.045	2430.4238	2443.4688	---	---
11B	Ant1	2462	1Mbps	13.088	2455.3723	2468.4603	---	---
11G	Ant1	2412	6Mbps	16.558	2403.6806	2420.2386	---	---
11G	Ant1	2437	6Mbps	16.573	2428.6774	2445.2504	---	---
11G	Ant1	2462	6Mbps	16.580	2453.7013	2470.2813	---	---
11N20SISO	Ant1	2412	MCS0	17.377	2403.2806	2420.6576	---	---
11N20SISO	Ant1	2437	MCS0	17.424	2428.2902	2445.7142	---	---
11N20SISO	Ant1	2462	MCS0	17.387	2453.2946	2470.6816	---	---

Test Graphs

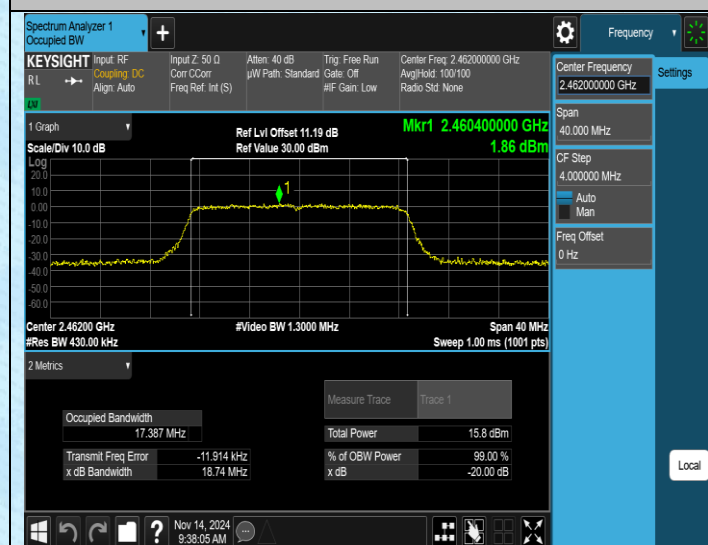




11N20SISO-Ant1-2412



11N20SISO-Ant1-2437



11N20SISO-Ant1-2462

AppendixC: Maximum conducted output power

Test Result Peak

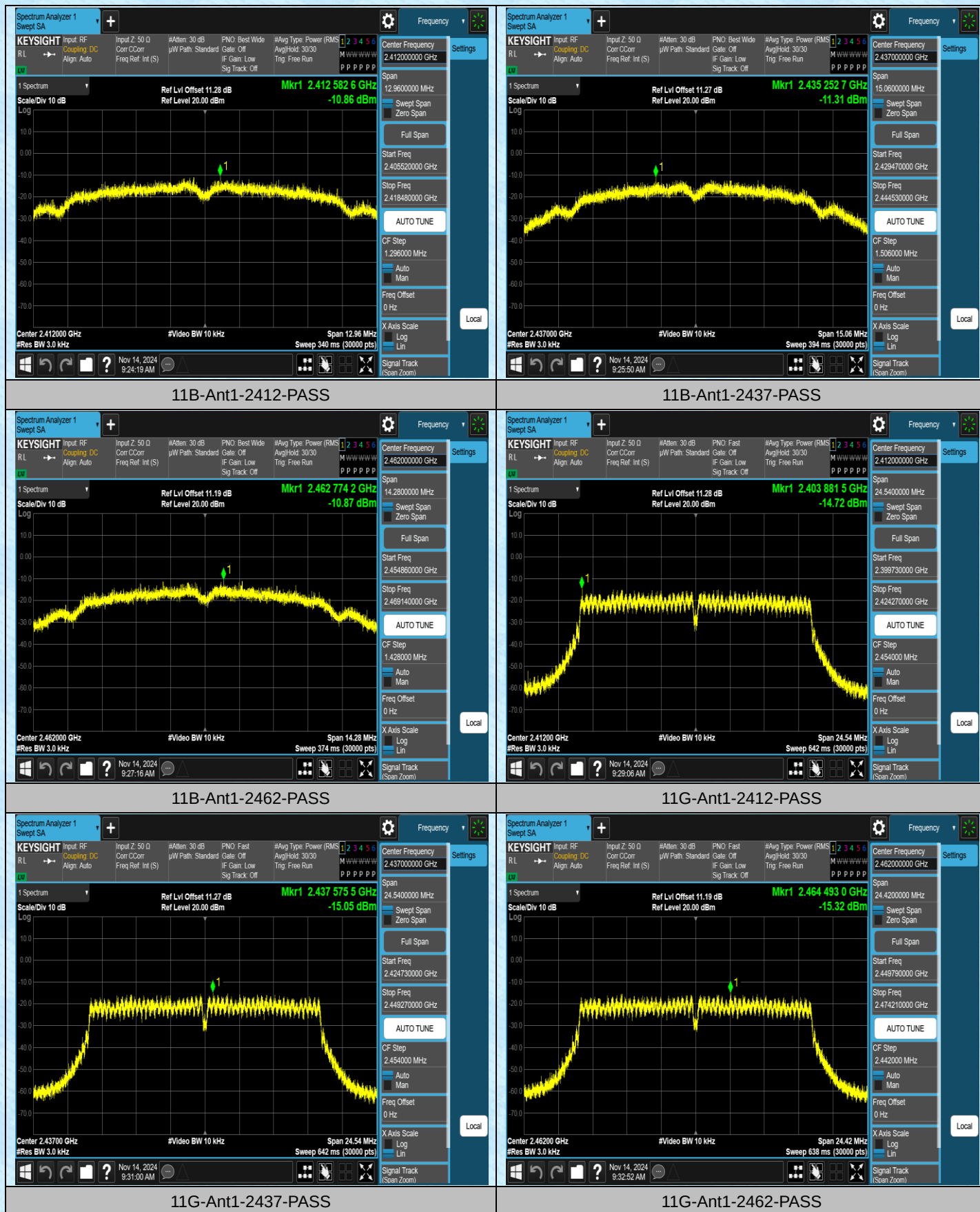
Test Mode	Antenna	Frequency[MHz]	Rate	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	17.79	≤30.00	PASS
11B	Ant1	2437	1Mbps	17.42	≤30.00	PASS
11B	Ant1	2462	1Mbps	17.51	≤30.00	PASS
11G	Ant1	2412	6Mbps	17.94	≤30.00	PASS
11G	Ant1	2437	6Mbps	17.46	≤30.00	PASS
11G	Ant1	2462	6Mbps	17.41	≤30.00	PASS
11N20SISO	Ant1	2412	MCS0	17.33	≤30.00	PASS
11N20SISO	Ant1	2437	MCS0	16.70	≤30.00	PASS
11N20SISO	Ant1	2462	MCS0	16.78	≤30.00	PASS

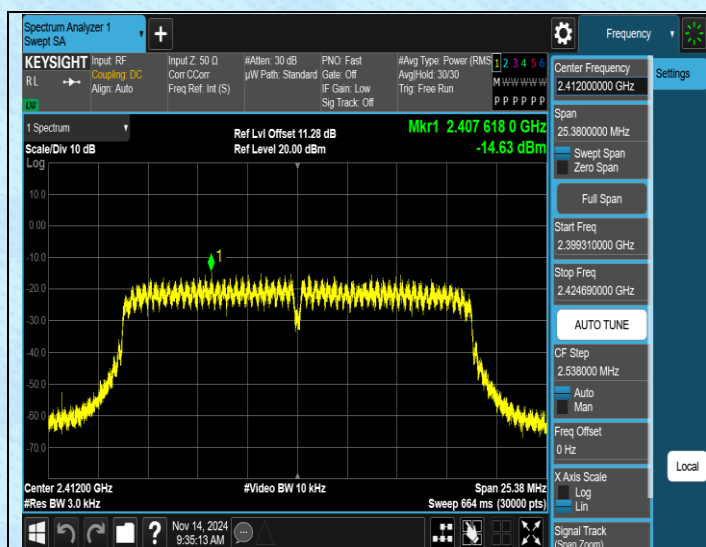
AppendixD: Maximum power spectral density

Test Result

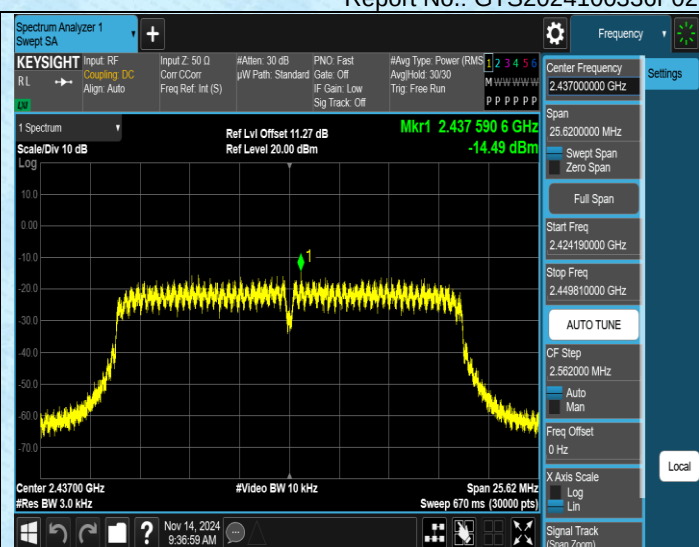
Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-10.86	≤8.00	PASS
11B	Ant1	2437	1Mbps	-11.31	≤8.00	PASS
11B	Ant1	2462	1Mbps	-10.87	≤8.00	PASS
11G	Ant1	2412	6Mbps	-14.72	≤8.00	PASS
11G	Ant1	2437	6Mbps	-15.05	≤8.00	PASS
11G	Ant1	2462	6Mbps	-15.32	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-14.64	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-14.49	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-14.84	≤8.00	PASS

Test Graphs

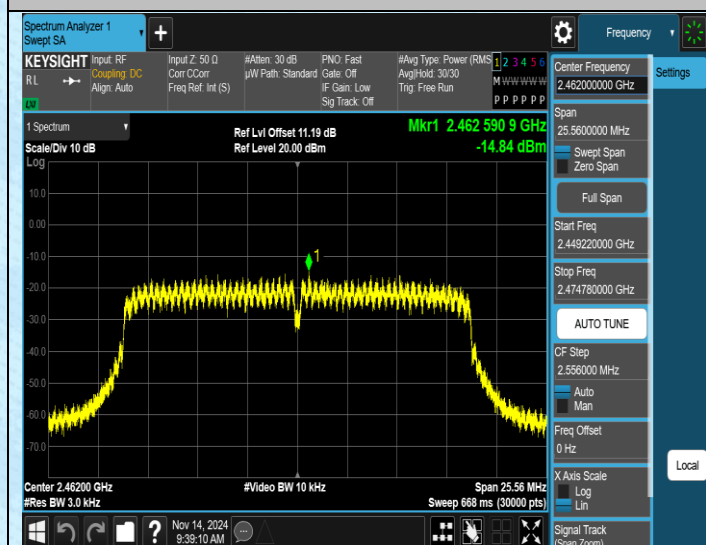




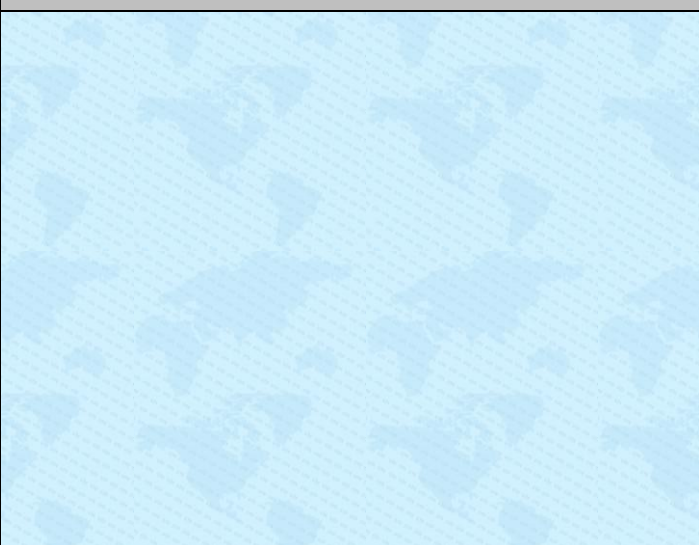
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



AppendixE:Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Rate	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1Mbps	2.92	-44.17	≤-17.08	PASS
11B	Ant1	High	2462	1Mbps	2.74	-48.47	≤-17.26	PASS
11G	Ant1	Low	2412	6Mbps	-1.15	-41.68	≤-21.15	PASS
11G	Ant1	High	2462	6Mbps	-1.88	-47.75	≤-21.88	PASS
11N20SISO	Ant1	Low	2412	MCS0	-1.57	-42.63	≤-21.57	PASS
11N20SISO	Ant1	High	2462	MCS0	-2.42	-47.06	≤-22.42	PASS

Test Graphs

