

Appendix for 15.247

1.Bandwidth

Test Result

TestMode	Antenna	Rate	Frequency[MHz]	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	1Mbps	2412	8.080	2407.960	2416.040	0.5	PASS
11B	Ant1	1Mbps	2437	8.040	2432.960	2441.000	0.5	PASS
11B	Ant1	1Mbps	2462	8.520	2457.960	2466.480	0.5	PASS
11G	Ant1	6Mbps	2412	13.480	2406.000	2419.480	0.5	PASS
11G	Ant1	6Mbps	2437	15.680	2429.200	2444.880	0.5	PASS
11G	Ant1	6Mbps	2462	15.800	2454.080	2469.880	0.5	PASS
11N20SISO	Ant1	MCS0	2412	16.040	2404.080	2420.120	0.5	PASS
11N20SISO	Ant1	MCS0	2437	16.320	2429.400	2445.720	0.5	PASS
11N20SISO	Ant1	MCS0	2462	13.840	2455.680	2469.520	0.5	PASS
11N40SISO	Ant1	MCS0	2422	35.040	2404.480	2439.520	0.5	PASS
11N40SISO	Ant1	MCS0	2437	35.040	2419.480	2454.520	0.5	PASS
11N40SISO	Ant1	MCS0	2452	33.840	2435.680	2469.520	0.5	PASS
11B	Ant2	1Mbps	2412	8.080	2408.440	2416.520	0.5	PASS
11B	Ant2	1Mbps	2437	8.560	2432.480	2441.040	0.5	PASS
11B	Ant2	1Mbps	2462	8.080	2457.960	2466.040	0.5	PASS
11G	Ant2	6Mbps	2412	15.360	2404.200	2419.560	0.5	PASS
11G	Ant2	6Mbps	2437	13.840	2429.440	2443.280	0.5	PASS
11G	Ant2	6Mbps	2462	14.400	2455.080	2469.480	0.5	PASS
11N20SISO	Ant2	MCS0	2412	15.120	2404.440	2419.560	0.5	PASS
11N20SISO	Ant2	MCS0	2437	16.640	2428.840	2445.480	0.5	PASS
11N20SISO	Ant2	MCS0	2462	15.560	2454.200	2469.760	0.5	PASS
11N40SISO	Ant2	MCS0	2422	32.560	2406.960	2439.520	0.5	PASS
11N40SISO	Ant2	MCS0	2437	33.840	2420.680	2454.520	0.5	PASS
11N40SISO	Ant2	MCS0	2452	32.640	2434.400	2467.040	0.5	PASS
11N20MIMO	Ant1	MCS0	2412	15.680	2404.200	2419.880	0.5	PASS
11N20MIMO	Ant2	MCS0	2412	15.720	2403.840	2419.560	0.5	PASS
11N20MIMO	Ant1	MCS0	2437	15.000	2429.480	2444.480	0.5	PASS
11N20MIMO	Ant2	MCS0	2437	17.560	2428.200	2445.760	0.5	PASS
11N20MIMO	Ant1	MCS0	2462	13.400	2454.480	2467.880	0.5	PASS
11N20MIMO	Ant2	MCS0	2462	15.080	2454.440	2469.520	0.5	PASS
11N40MIMO	Ant1	MCS0	2422	35.040	2404.480	2439.520	0.5	PASS
11N40MIMO	Ant2	MCS0	2422	35.040	2404.480	2439.520	0.5	PASS
11N40MIMO	Ant1	MCS0	2437	32.640	2420.680	2453.320	0.5	PASS
11N40MIMO	Ant2	MCS0	2437	33.840	2420.680	2454.520	0.5	PASS
11N40MIMO	Ant1	MCS0	2452	35.040	2434.480	2469.520	0.5	PASS
11N40MIMO	Ant2	MCS0	2452	35.040	2434.480	2469.520	0.5	PASS

Test Graphs



11B-Ant1-2412



11B-Ant1-2437



11B-Ant1-2462



11G-Ant1-2412



11G-Ant1-2437



11G-Ant1-2462



11N40SISO-Ant1-2437

11N40SISO-Ant1-2452



11B-Ant2-2412

11B-Ant2-2437



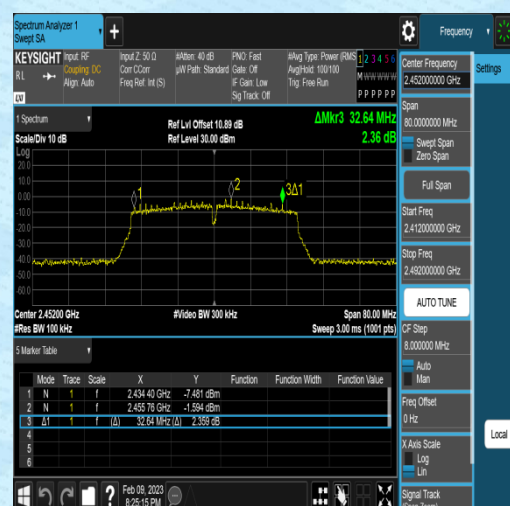
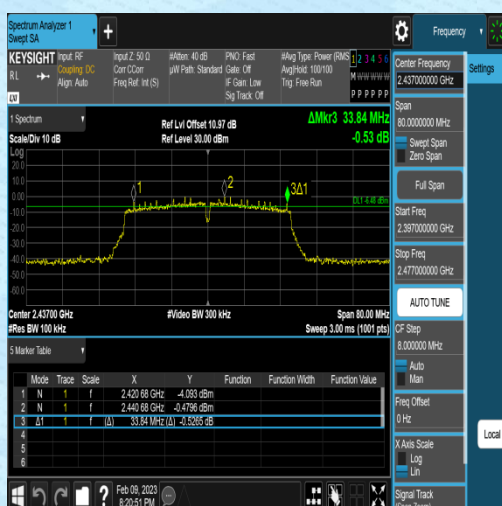
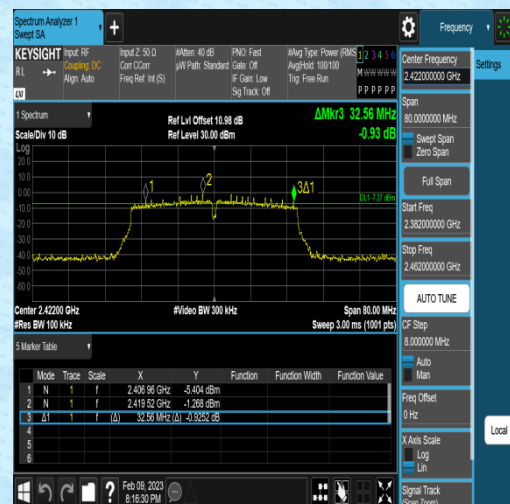
11B-Ant2-2462

11G-Ant2-2412



11G-Ant2-2437

11G-Ant2-2462



11N40SISO-Ant2-2437

11N40SISO-Ant2-2452





2.Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Rate	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	1Mbps	2412	13.522	2405.2149	2418.7369	---	---
11B	Ant1	1Mbps	2437	13.543	2430.2507	2443.7937	---	---
11B	Ant1	1Mbps	2462	13.503	2455.2221	2468.7251	---	---
11G	Ant1	6Mbps	2412	16.812	2403.5362	2420.3482	---	---
11G	Ant1	6Mbps	2437	16.799	2428.5914	2445.3904	---	---
11G	Ant1	6Mbps	2462	16.736	2453.5885	2470.3245	---	---
11N20SISO	Ant1	MCS0	2412	17.794	2403.0902	2420.8842	---	---
11N20SISO	Ant1	MCS0	2437	17.797	2428.1048	2445.9018	---	---
11N20SISO	Ant1	MCS0	2462	17.826	2453.0514	2470.8774	---	---
11N40SISO	Ant1	MCS0	2422	36.173	2403.9171	2440.0901	---	---
11N40SISO	Ant1	MCS0	2437	36.029	2418.9608	2454.9898	---	---
11N40SISO	Ant1	MCS0	2452	36.122	2433.9221	2470.0441	---	---
11B	Ant2	1Mbps	2412	13.454	2405.2462	2418.7002	---	---
11B	Ant2	1Mbps	2437	13.491	2430.2247	2443.7157	---	---
11B	Ant2	1Mbps	2462	13.484	2455.1967	2468.6807	---	---
11G	Ant2	6Mbps	2412	16.838	2403.5687	2420.4067	---	---
11G	Ant2	6Mbps	2437	16.813	2428.5794	2445.3924	---	---
11G	Ant2	6Mbps	2462	16.812	2453.5611	2470.3731	---	---
11N20SISO	Ant2	MCS0	2412	17.837	2403.0497	2420.8867	---	---
11N20SISO	Ant2	MCS0	2437	17.738	2428.0847	2445.8227	---	---
11N20SISO	Ant2	MCS0	2462	17.756	2453.0738	2470.8298	---	---
11N40SISO	Ant2	MCS0	2422	36.164	2403.8717	2440.0357	---	---
11N40SISO	Ant2	MCS0	2437	36.089	2418.9318	2455.0208	---	---
11N40SISO	Ant2	MCS0	2452	36.133	2433.8728	2470.0058	---	---
11N20MIMO	Ant1	MCS0	2412	17.836	2403.0805	2420.9165	---	---
11N20MIMO	Ant2	MCS0	2412	17.725	2403.1248	2420.8498	---	---
11N20MIMO	Ant1	MCS0	2437	17.784	2428.1052	2445.8892	---	---
11N20MIMO	Ant2	MCS0	2437	17.746	2428.1212	2445.8672	---	---
11N20MIMO	Ant1	MCS0	2462	17.781	2453.0858	2470.8668	---	---
11N20MIMO	Ant2	MCS0	2462	17.675	2453.1395	2470.8145	---	---
11N40MIMO	Ant1	MCS0	2422	36.101	2403.8961	2439.9971	---	---
11N40MIMO	Ant2	MCS0	2422	36.122	2404.0256	2440.1476	---	---
11N40MIMO	Ant1	MCS0	2437	36.128	2418.9506	2455.0786	---	---
11N40MIMO	Ant2	MCS0	2437	36.058	2419.0186	2455.0766	---	---
11N40MIMO	Ant1	MCS0	2452	36.089	2433.8986	2469.9876	---	---
11N40MIMO	Ant2	MCS0	2452	35.965	2433.9707	2469.9357	---	---

Test Graphs



11B-Ant1-2412



11B-Ant1-2437



11B-Ant1-2462



11G-Ant1-2412



11G-Ant1-2437



11G-Ant1-2462

