

Appendix for WIFI 2.4GHz

Product Name: PC Motherboard

Model No: MS-Challenger B760ITX D5 WIFI

Appendix A: DTS Bandwidth

Test Result

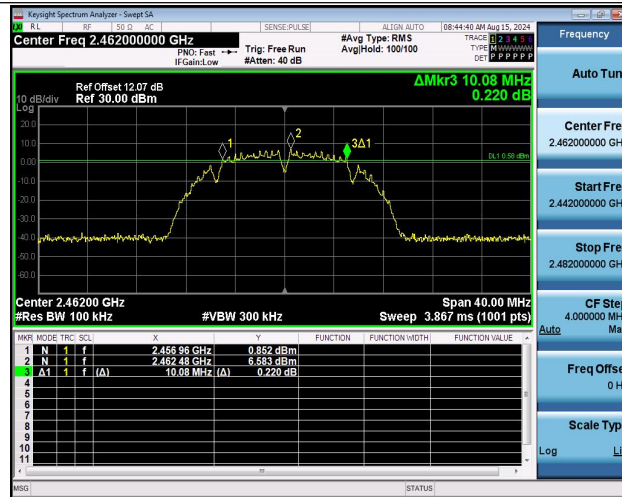
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	10.040	2407.000	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant0	2412	13.800	2404.440	2418.240	0.5	PASS
		2437	14.400	2429.480	2443.880	0.5	PASS
		2462	15.040	2454.520	2469.560	0.5	PASS
11N20SISO	Ant0	2412	13.840	2405.680	2419.520	0.5	PASS
		2437	12.640	2429.520	2442.160	0.5	PASS
		2462	16.520	2453.640	2470.160	0.5	PASS
11N40SISO	Ant0	2422	33.760	2405.760	2439.520	0.5	PASS
		2437	30.640	2423.880	2454.520	0.5	PASS
		2452	31.280	2436.960	2468.240	0.5	PASS
11AX20SISO	Ant0	2412	13.080	2406.800	2419.880	0.5	PASS
		2437	13.200	2431.720	2444.920	0.5	PASS
		2462	10.600	2456.680	2467.280	0.5	PASS
11AX40SISO	Ant0	2422	28.080	2408.960	2437.040	0.5	PASS
		2437	32.560	2419.480	2452.040	0.5	PASS
		2452	31.520	2436.240	2467.760	0.5	PASS

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.040	2407.000	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.040	2456.960	2467.000	0.5	PASS
11G	Ant1	2412	13.760	2405.720	2419.480	0.5	PASS
		2437	15.640	2429.120	2444.760	0.5	PASS
		2462	15.400	2454.400	2469.800	0.5	PASS
11N20SISO	Ant1	2412	13.240	2404.440	2417.680	0.5	PASS
		2437	12.560	2431.960	2444.520	0.5	PASS
		2462	15.000	2454.520	2469.520	0.5	PASS
11N40SISO	Ant1	2422	26.880	2408.560	2435.440	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	15.160	2404.440	2419.600	0.5	PASS
		2437	15.120	2429.440	2444.560	0.5	PASS
		2462	15.120	2454.440	2469.560	0.5	PASS

11AX40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

Test Graphs





11G_Ant0_2412



11G_Ant0_2437



11G_Ant0_2462



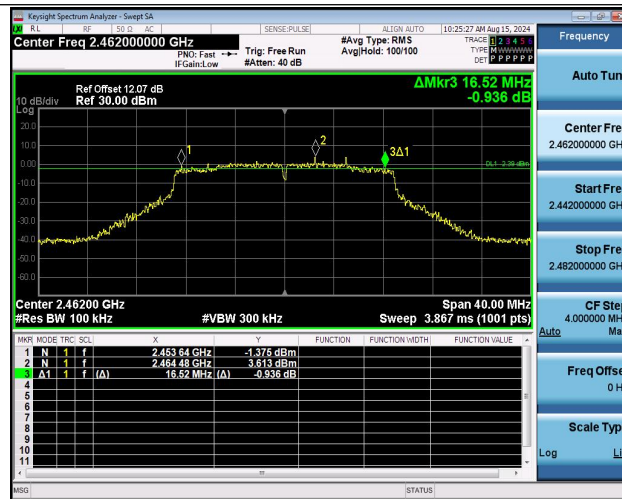
11N20SISO_Ant0_2412



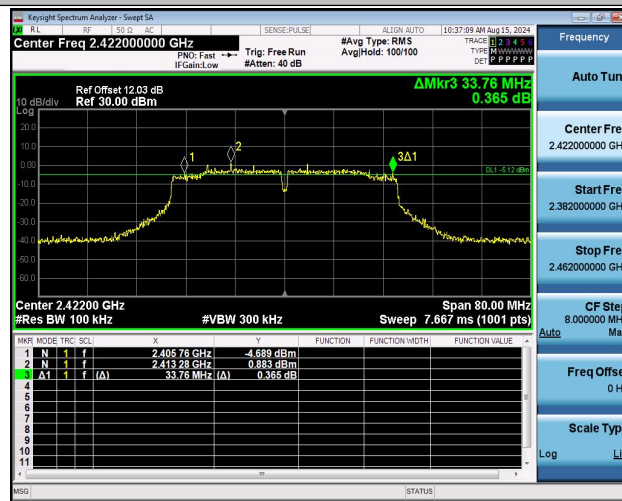
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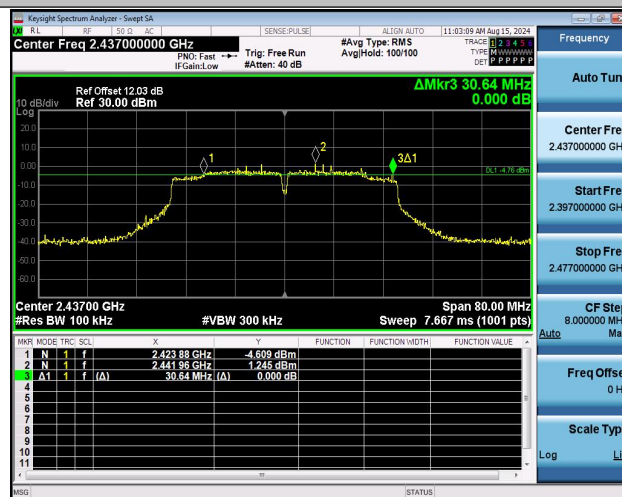
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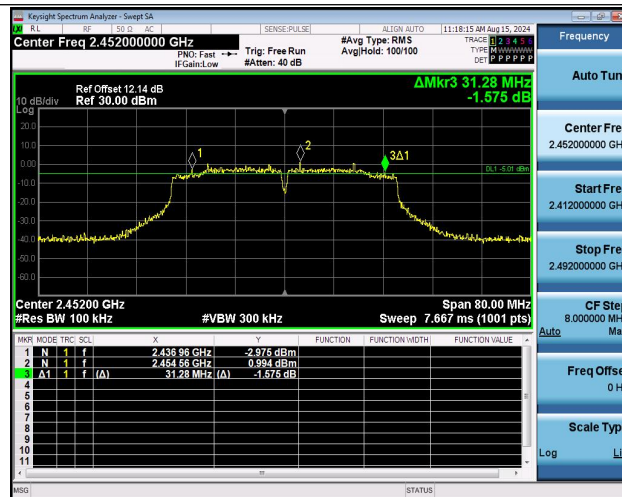
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



11N40SISO_Ant0_2452



11AX20SISO_Ant0_2412



11AX20SISO_Ant0_2437



11AX20SISO_Ant0_2462



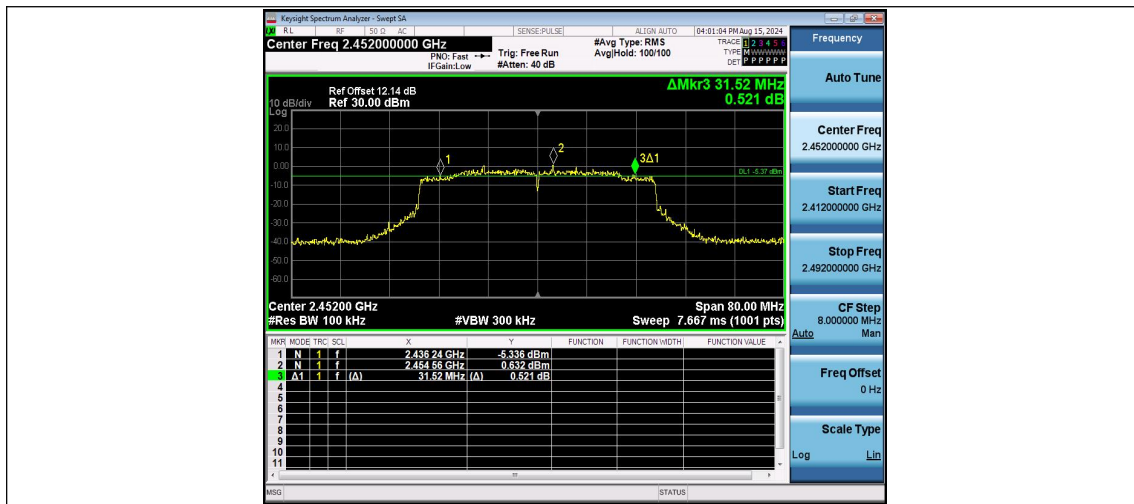
11AX40SISO_Ant0_2422



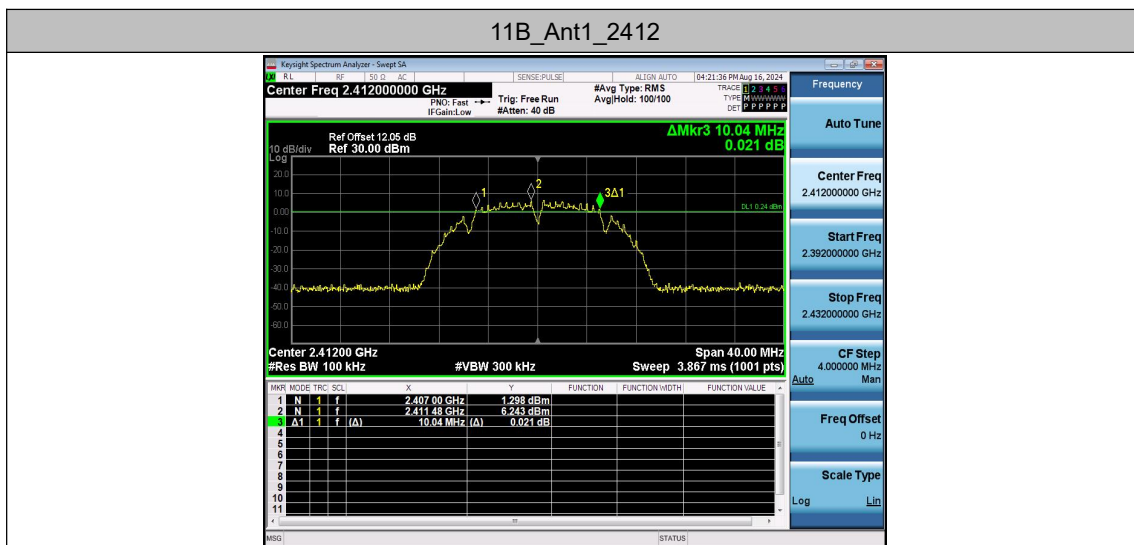
11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



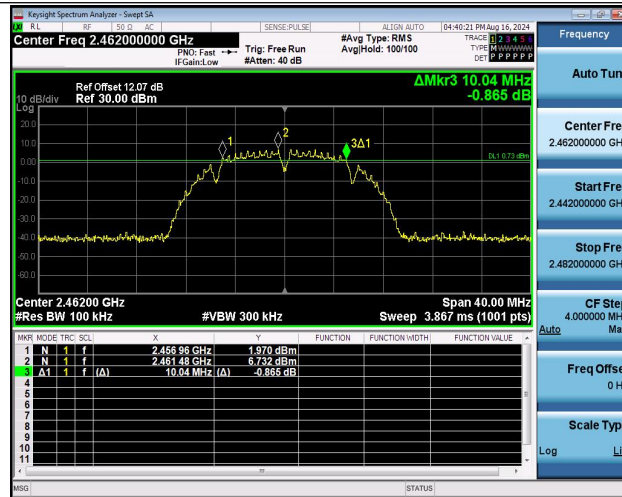
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



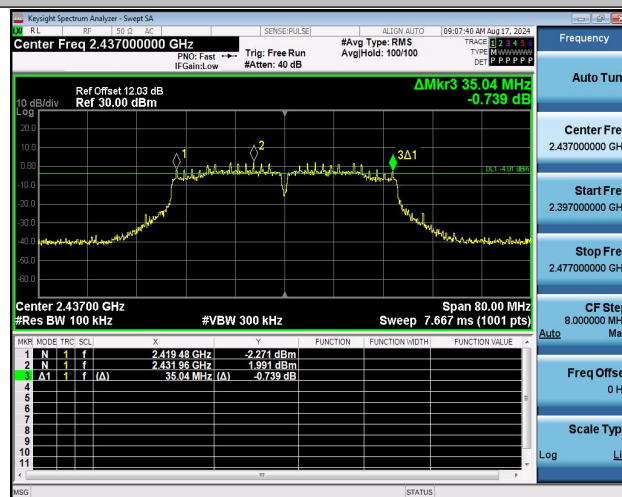
11N20SISO_Ant1_2462



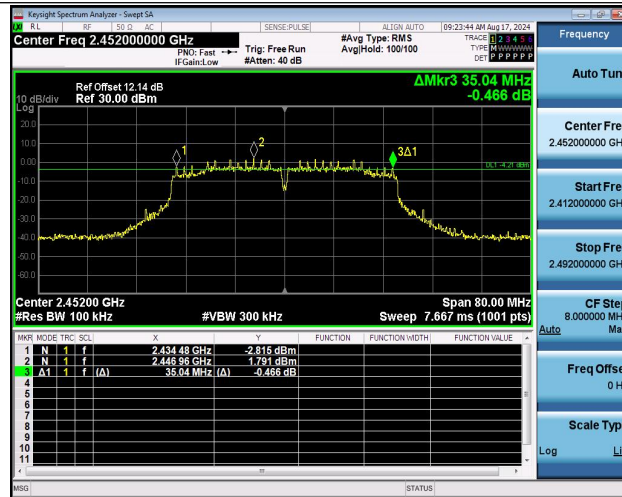
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462