



11BE20MIMO-Ant1-2437-1000~26500-PASS



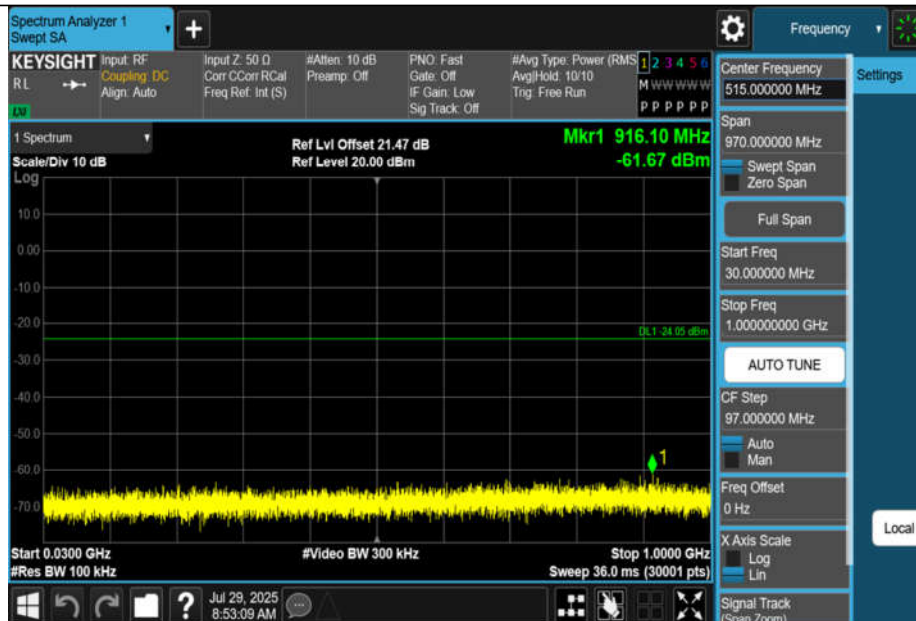
11BE20MIMO-Ant2-2437-1000~26500-PASS



11BE20MIMO-Ant1-2462-0~Reference-PASS



11BE20MIMO-Ant2-2462-0~Reference-PASS



11BE20MIMO-Ant1-2462-30~1000-PASS



11BE20MIMO-Ant2-2462-30~1000-PASS



11BE20MIMO-Ant1-2462-1000~26500-PASS



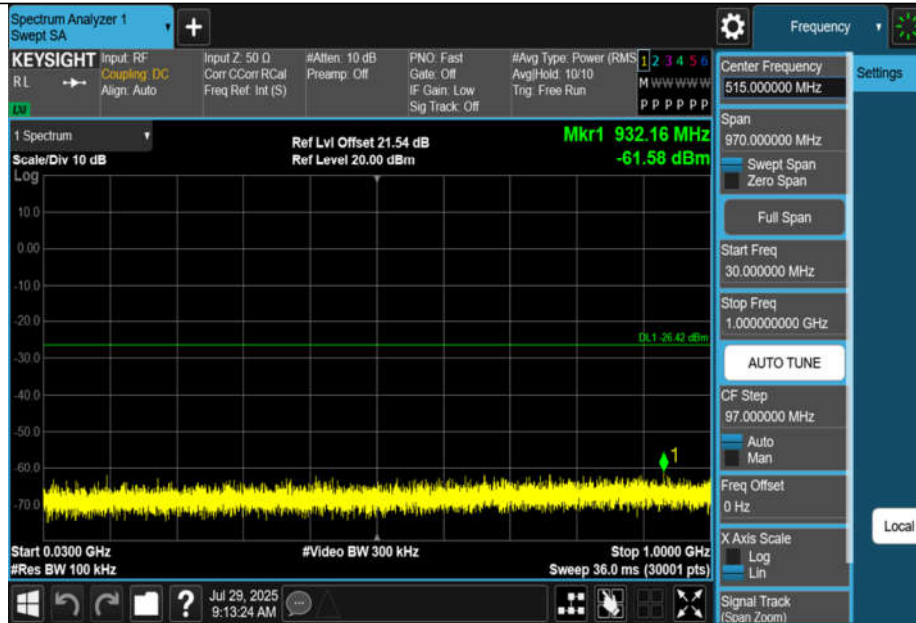
11BE20MIMO-Ant2-2462-1000~26500-PASS



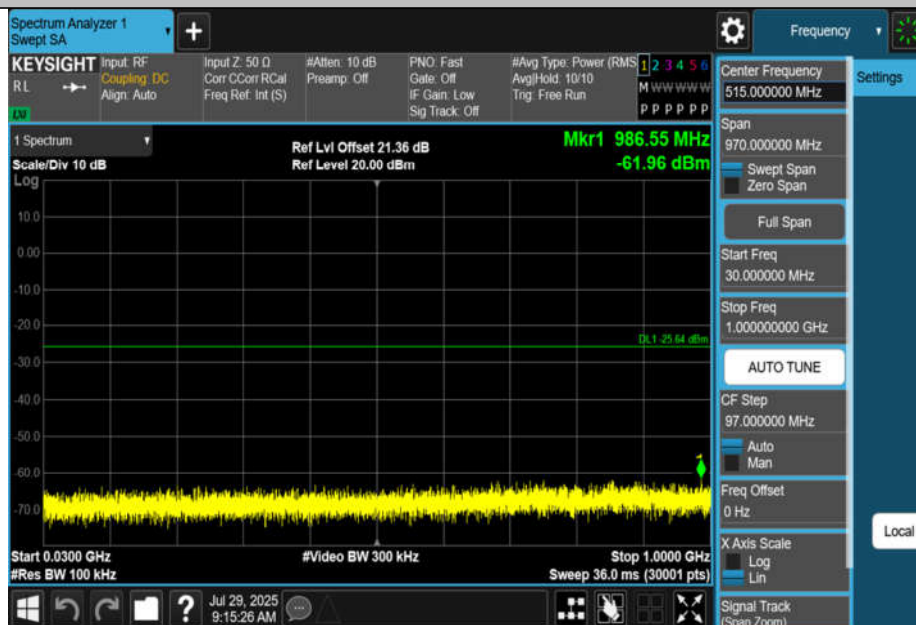
11BE40MIMO-Ant1-2422-0~Reference-PASS



11BE40MIMO-Ant2-2422-0~Reference-PASS



11BE40MIMO-Ant1-2422-30~1000-PASS



11BE40MIMO-Ant2-2422-30~1000-PASS



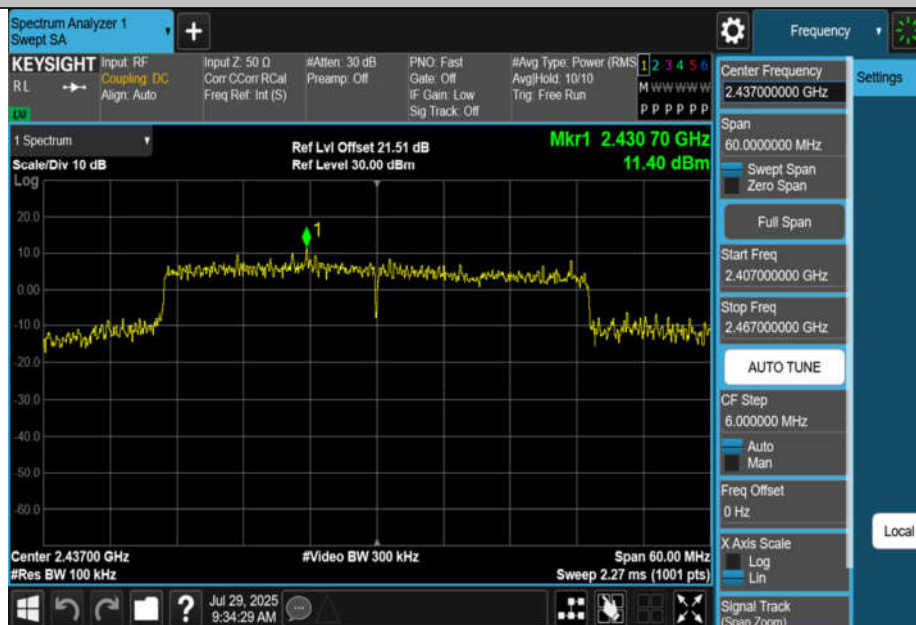
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11BE40MIMO-Ant2-2422-1000~26500-PASS



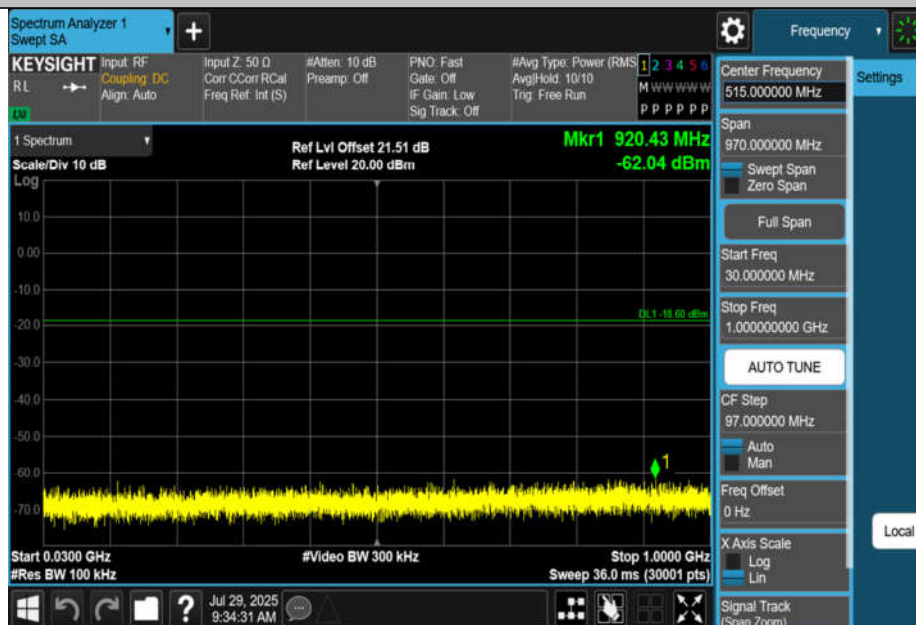
11BE40MIMO-Ant1-2437-0~Reference-PASS



11BE40MIMO-Ant2-2437-0~Reference-PASS



11BE40MIMO-Ant1-2437-30~1000-PASS



11BE40MIMO-Ant2-2437-30~1000-PASS



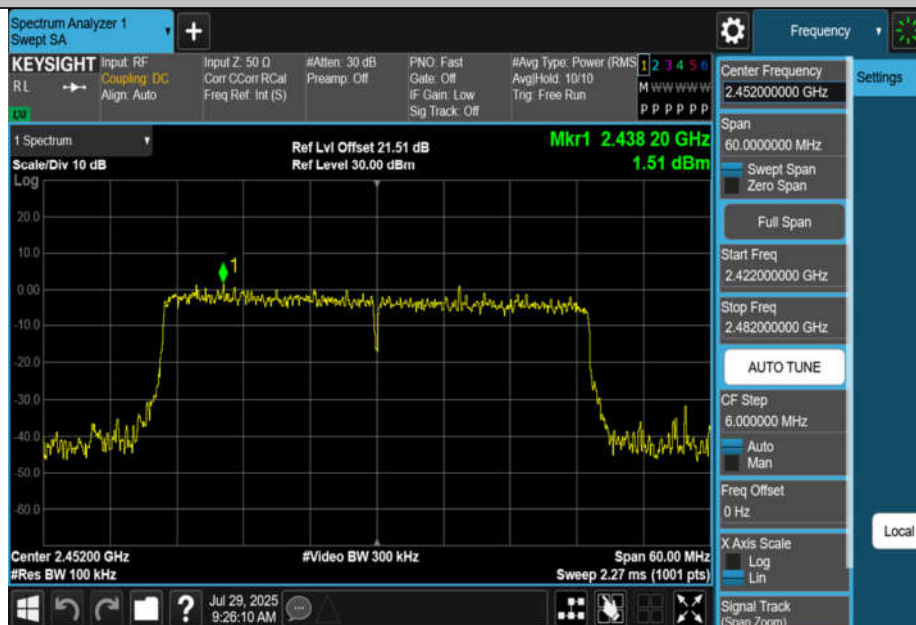
11BE40MIMO-Ant1-2437-1000~26500-PASS



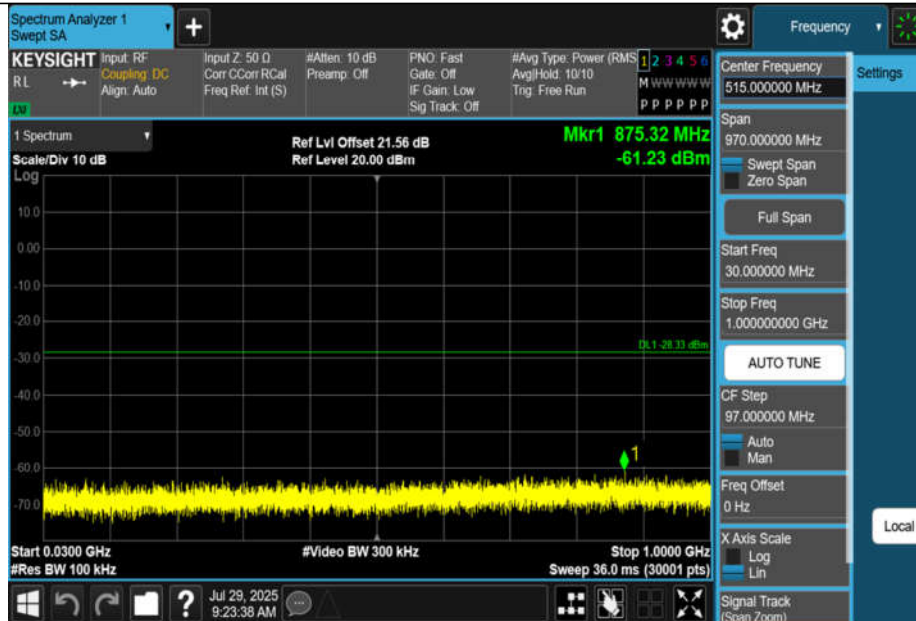
11BE40MIMO-Ant2-2437-1000~26500-PASS



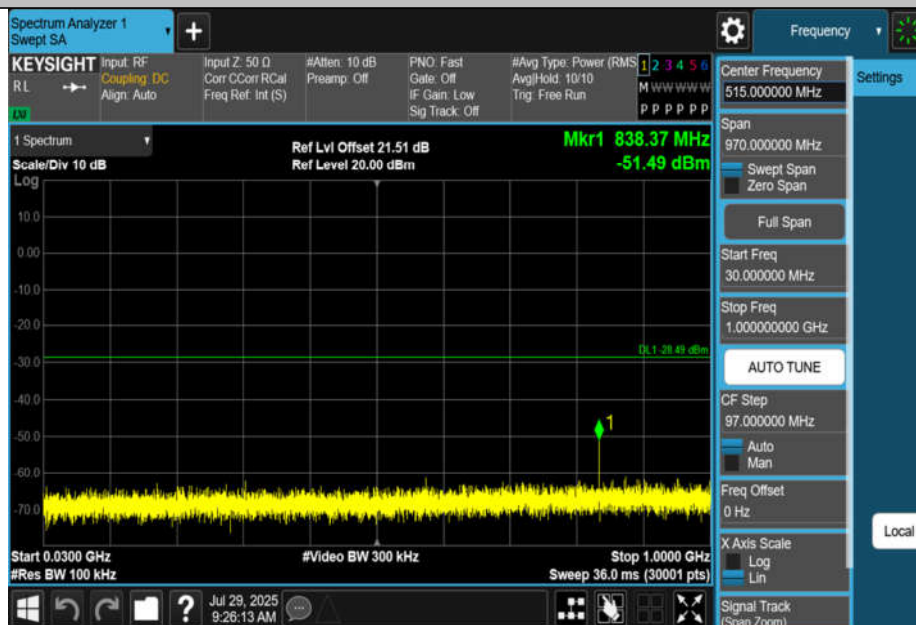
11BE40MIMO-Ant1-2452-0~Reference-PASS



11BE40MIMO-Ant2-2452-0~Reference-PASS



11BE40MIMO-Ant1-2452-30~1000-PASS



11BE40MIMO-Ant2-2452-30~1000-PASS



11BE40MIMO-Ant1-2452-1000~26500-PASS



11BE40MIMO-Ant2-2452-1000~26500-PASS

Band edge



11B-CDD-Ant1-2412-PASS



11B-CDD-Ant2-2412-PASS



11B-CDD-Ant1-2462-PASS



11B-CDD-Ant2-2462-PASS



11G-CDD-Ant1-2412-PASS



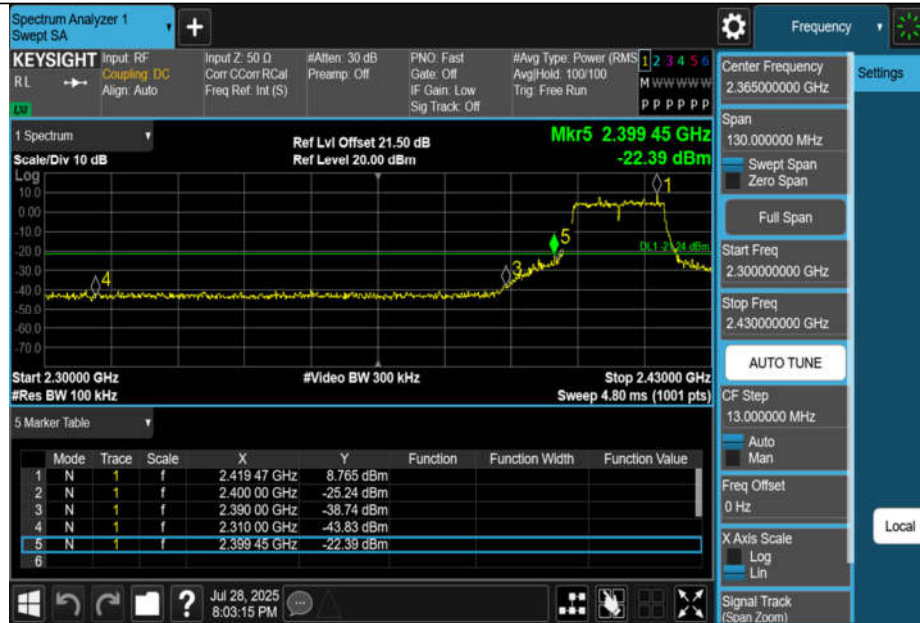
11G-CDD-Ant2-2412-PASS



11G-CDD-Ant1-2462-PASS



11G-CDD-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS



11N40MIMO-Ant1-2422-PASS



11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



11AX20MIMO-Ant1-2412-PASS



11AX20MIMO-Ant2-2412-PASS



11AX20MIMO-Ant1-2462-PASS



11AX20MIMO-Ant2-2462-PASS



11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS



11BE20MIMO-Ant1-2412-PASS



11BE20MIMO-Ant2-2412-PASS



11BE20MIMO-Ant1-2462-PASS



11BE20MIMO-Ant2-2462-PASS



11BE40MIMO-Ant1-2422-PASS



11BE40MIMO-Ant2-2422-PASS



11BE40MIMO-Ant1-2452-PASS



11BE40MIMO-Ant2-2452-PASS

3.4 6dB Bandwidth

3.4.1 Limit

For direct sequence systems, the minimum 6dB bandwidth shall be at least 500kHz

3.4.2 Test Procedure

Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ● : Test ○ : No Test	

a) The EUT was connected to the tonskend test system, and the spectrum analyser is set as follow:

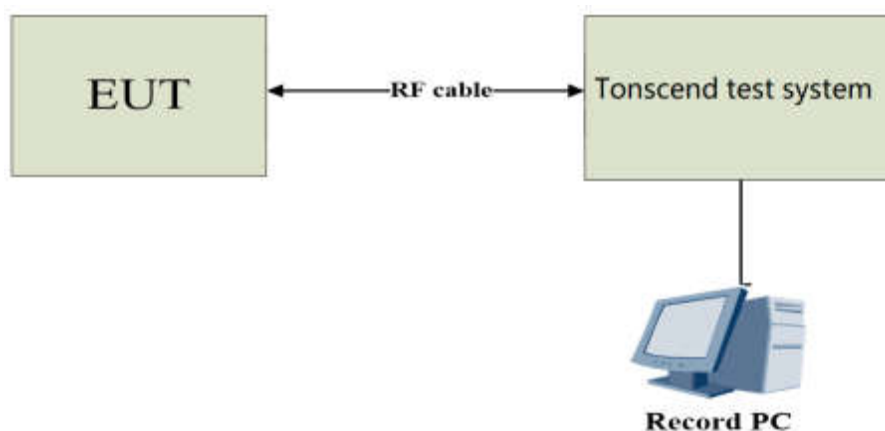
Centre Frequency	The centre frequency of the channel under test
RBW	100kHz
VBW	300kHz
Frequency span	2x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

b) Wait for the trace to stabilize then find the peak value of the trace and place the analyser marker on this peak.

c) Use the -6dB bandwidth function of the spectrum analyser to measure the 6dB Bandwidth of the EUT. This value shall be recorded.

d) Make sure that the power envelope is sufficiently above the noise floor of the analyser to avoid the noise signals left and right from the power envelope being taken into account by this measurement.

3.4.3 Test Setup



3.4.4 Test Result

DTS Bandwidth

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	7.080	2408.440	2415.520	0.5	PASS
11B-CDD	Ant2	2412	6.560	2408.920	2415.480	0.5	PASS
11B-CDD	Ant2	2437	7.560	2432.960	2440.520	0.5	PASS
11B-CDD	Ant1	2437	7.560	2432.960	2440.520	0.5	PASS
11B-CDD	Ant1	2462	7.040	2458.960	2466.000	0.5	PASS
11B-CDD	Ant2	2462	7.560	2458.440	2466.000	0.5	PASS
11G-CDD	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
11G-CDD	Ant2	2412	16.360	2403.800	2420.160	0.5	PASS
11G-CDD	Ant1	2437	16.360	2428.800	2445.160	0.5	PASS
11G-CDD	Ant2	2437	16.400	2428.720	2445.120	0.5	PASS
11G-CDD	Ant1	2462	16.360	2453.800	2470.160	0.5	PASS
11G-CDD	Ant2	2462	16.360	2453.800	2470.160	0.5	PASS
11N20MIMO	Ant1	2412	17.600	2403.160	2420.760	0.5	PASS
11N20MIMO	Ant2	2412	17.600	2403.160	2420.760	0.5	PASS
11N20MIMO	Ant1	2437	17.600	2428.160	2445.760	0.5	PASS
11N20MIMO	Ant2	2437	17.560	2428.160	2445.720	0.5	PASS
11N20MIMO	Ant1	2462	17.560	2453.200	2470.760	0.5	PASS
11N20MIMO	Ant2	2462	17.600	2453.160	2470.760	0.5	PASS
11N40MIMO	Ant1	2422	36.320	2403.840	2440.160	0.5	PASS
11N40MIMO	Ant2	2422	36.320	2403.840	2440.160	0.5	PASS
11N40MIMO	Ant1	2437	35.120	2419.400	2454.520	0.5	PASS
11N40MIMO	Ant2	2437	35.120	2419.400	2454.520	0.5	PASS
11N40MIMO	Ant1	2452	36.080	2433.760	2469.840	0.5	PASS
11N40MIMO	Ant2	2452	35.760	2433.760	2469.520	0.5	PASS
11AX20MIMO	Ant1	2412	18.880	2402.560	2421.440	0.5	PASS
11AX20MIMO	Ant2	2412	18.960	2402.480	2421.440	0.5	PASS
11AX20MIMO	Ant1	2437	18.800	2427.440	2446.240	0.5	PASS
11AX20MIMO	Ant2	2437	17.800	2427.560	2445.360	0.5	PASS
11AX20MIMO	Ant1	2462	18.960	2452.480	2471.440	0.5	PASS
11AX20MIMO	Ant2	2462	19.000	2452.480	2471.480	0.5	PASS
11AX40MIMO	Ant1	2422	37.600	2403.200	2440.800	0.5	PASS
11AX40MIMO	Ant2	2422	37.120	2403.200	2440.320	0.5	PASS
11AX40MIMO	Ant1	2437	35.360	2419.160	2454.520	0.5	PASS
11AX40MIMO	Ant2	2437	36.320	2418.200	2454.520	0.5	PASS
11AX40MIMO	Ant1	2452	36.960	2432.960	2469.920	0.5	PASS
11AX40MIMO	Ant2	2452	36.160	2433.360	2469.520	0.5	PASS
11BE20MIMO	Ant1	2412	19.000	2402.480	2421.480	0.5	PASS
11BE20MIMO	Ant2	2412	18.880	2402.560	2421.440	0.5	PASS

11BE20MIMO	Ant1	2437	19.000	2427.480	2446.480	0.5	PASS
11BE20MIMO	Ant2	2437	18.840	2427.600	2446.440	0.5	PASS
11BE20MIMO	Ant1	2462	18.880	2452.480	2471.360	0.5	PASS
11BE20MIMO	Ant2	2462	18.880	2452.480	2471.360	0.5	PASS
11BE40MIMO	Ant1	2422	37.600	2403.200	2440.800	0.5	PASS
11BE40MIMO	Ant2	2422	37.360	2403.440	2440.800	0.5	PASS
11BE40MIMO	Ant1	2437	36.320	2418.200	2454.520	0.5	PASS
11BE40MIMO	Ant2	2437	35.360	2419.160	2454.520	0.5	PASS
11BE40MIMO	Ant1	2452	37.200	2433.120	2470.320	0.5	PASS
11BE40MIMO	Ant2	2452	36.400	2433.120	2469.520	0.5	PASS

Test Graphs



11B-CDD-Ant1-2412-PASS



11B-CDD-Ant2-2412-PASS



11B-CDD-Ant2-2437-PASS



11B-CDD-Ant1-2437-PASS



11B-CDD-Ant1-2462-PASS



11B-CDD-Ant2-2462-PASS



11G-CDD-Ant1-2412-PASS



11G-CDD-Ant2-2412-PASS



11G-CDD-Ant1-2437-PASS



11G-CDD-Ant2-2437-PASS



11G-CDD-Ant1-2462-PASS



11G-CDD-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2437-PASS



11N20MIMO-Ant2-2437-PASS