



11AX40MIMO-Ant2-2422-PASS



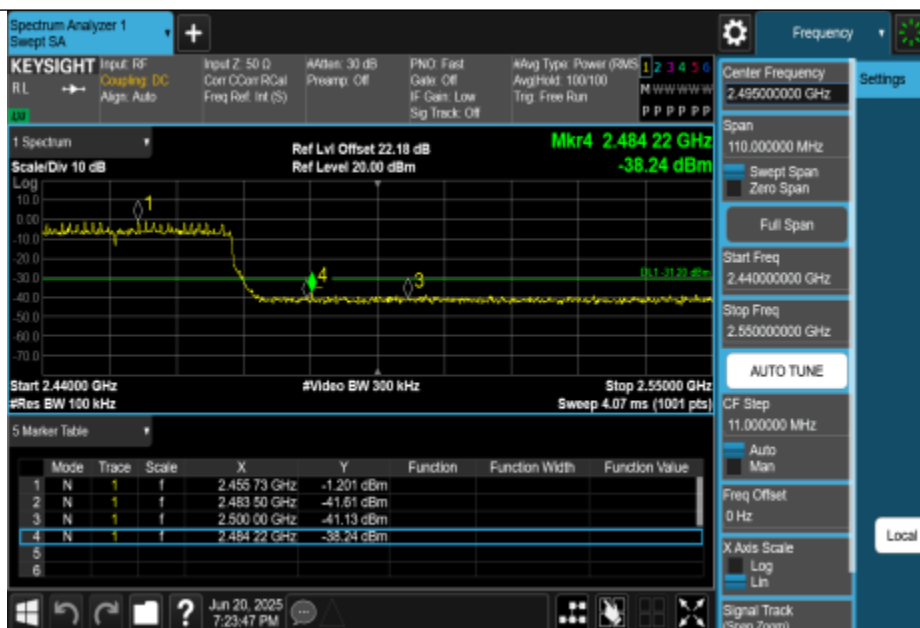
11AX40MIMO-Ant3-2422-PASS



11AX40MIMO-Ant3-2452-PASS



11AX40MIMO-Ant0-2452-PASS



11AX40MIMO-Ant2-2452-PASS



11AX40MIMO-Ant1-2452-PASS



11BE20MIMO-Ant0-2412-PASS



11BE20MIMO-Ant1-2412-PASS



11BE20MIMO-Ant2-2412-PASS



11BE20MIMO-Ant3-2412-PASS



11BE20MIMO-Ant0-2462-PASS



11BE20MIMO-Ant1-2462-PASS



11BE20MIMO-Ant2-2462-PASS



11BE20MIMO-Ant3-2462-PASS



11BE40MIMO-Ant0-2422-PASS



11BE40MIMO-Ant1-2422-PASS



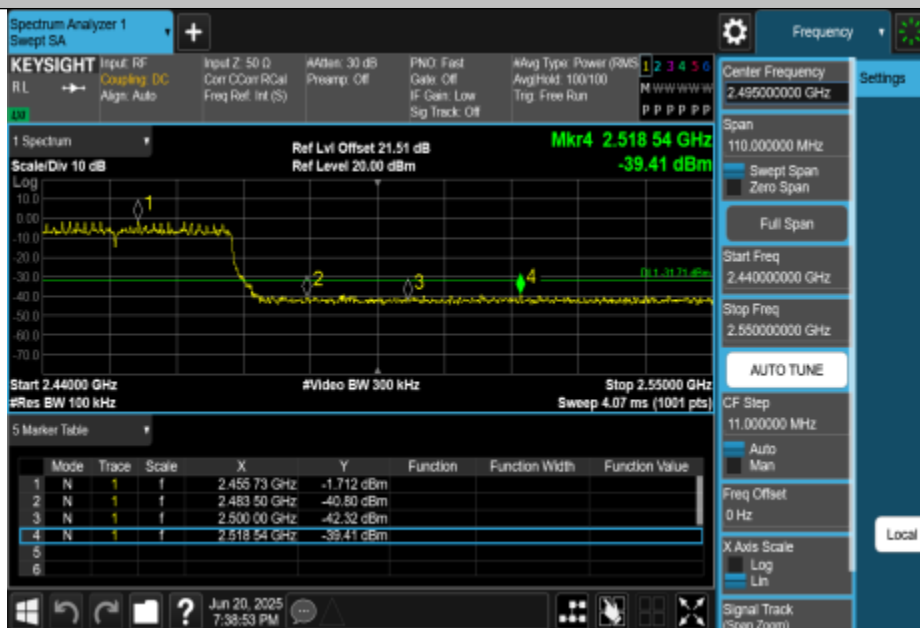
11BE40MIMO-Ant2-2422-PASS



11BE40MIMO-Ant3-2422-PASS



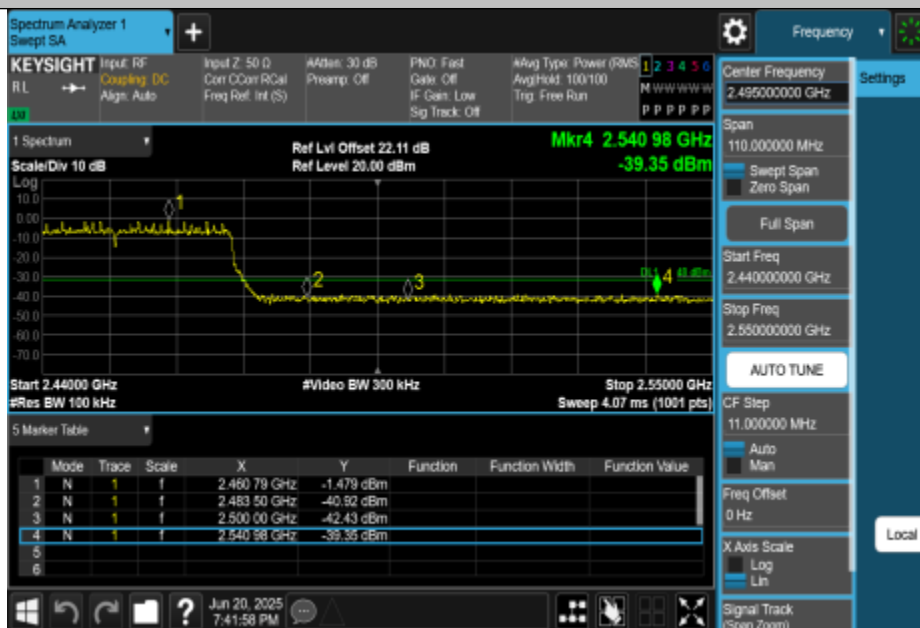
11BE40MIMO-Ant0-2452-PASS



11BE40MIMO-Ant1-2452-PASS



11BE40MIMO-Ant2-2452-PASS



11BE40MIMO-Ant3-2452-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 tonscond test system, and the spectrum analyser is set as follow:

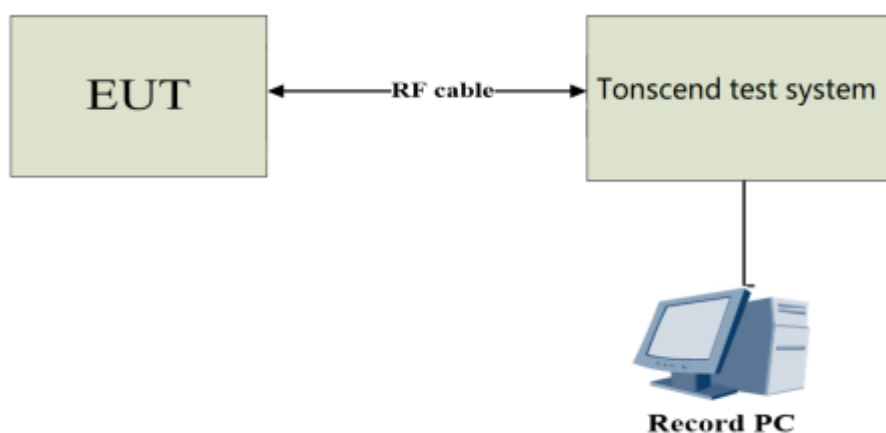
Centre Frequency	The centre frequency of the channel under test
RBW	100kHz
VBW	300kHz
Frequency span	2x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

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	Ant0	2412	7.560	2408.000	2415.560	0.5	PASS
11B-CDD	Ant1	2412	7.040	2408.480	2415.520	0.5	PASS
11B-CDD	Ant2	2412	7.520	2408.480	2416.000	0.5	PASS
11B-CDD	Ant3	2412	7.520	2408.480	2416.000	0.5	PASS
11B-CDD	Ant0	2437	7.080	2433.480	2440.560	0.5	PASS
11B-CDD	Ant1	2437	7.040	2433.480	2440.520	0.5	PASS
11B-CDD	Ant2	2437	7.560	2433.480	2441.040	0.5	PASS
11B-CDD	Ant3	2437	7.040	2433.480	2440.520	0.5	PASS
11B-CDD	Ant0	2462	7.520	2458.000	2465.520	0.5	PASS
11B-CDD	Ant1	2462	7.560	2458.000	2465.560	0.5	PASS
11B-CDD	Ant2	2462	7.040	2458.480	2465.520	0.5	PASS
11B-CDD	Ant3	2462	7.040	2458.480	2465.520	0.5	PASS
11G-CDD	Ant0	2412	16.320	2403.840	2420.160	0.5	PASS
11G-CDD	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
11G-CDD	Ant2	2412	16.320	2403.840	2420.160	0.5	PASS
11G-CDD	Ant3	2412	16.320	2403.840	2420.160	0.5	PASS
11G-CDD	Ant0	2437	16.320	2428.840	2445.160	0.5	PASS
11G-CDD	Ant1	2437	16.320	2428.840	2445.160	0.5	PASS
11G-CDD	Ant2	2437	16.280	2428.880	2445.160	0.5	PASS
11G-CDD	Ant3	2437	16.320	2428.840	2445.160	0.5	PASS
11G-CDD	Ant0	2462	16.320	2453.840	2470.160	0.5	PASS
11G-CDD	Ant1	2462	16.320	2453.840	2470.160	0.5	PASS
11G-CDD	Ant2	2462	16.320	2453.840	2470.160	0.5	PASS
11G-CDD	Ant3	2462	16.320	2453.840	2470.160	0.5	PASS
11N20MIMO	Ant0	2412	17.560	2403.240	2420.800	0.5	PASS
11N20MIMO	Ant1	2412	17.560	2403.240	2420.800	0.5	PASS
11N20MIMO	Ant2	2412	17.560	2403.240	2420.800	0.5	PASS
11N20MIMO	Ant3	2412	17.560	2403.240	2420.800	0.5	PASS
11N20MIMO	Ant0	2437	17.560	2428.240	2445.800	0.5	PASS
11N20MIMO	Ant1	2437	17.560	2428.240	2445.800	0.5	PASS
11N20MIMO	Ant2	2437	17.560	2428.240	2445.800	0.5	PASS
11N20MIMO	Ant3	2437	17.600	2428.200	2445.800	0.5	PASS
11N20MIMO	Ant0	2462	17.560	2453.200	2470.760	0.5	PASS
11N20MIMO	Ant1	2462	17.160	2453.240	2470.400	0.5	PASS
11N20MIMO	Ant2	2462	17.600	2453.200	2470.800	0.5	PASS
11N20MIMO	Ant3	2462	17.320	2453.200	2470.520	0.5	PASS
11N40MIMO	Ant0	2422	36.320	2403.840	2440.160	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	Ant3	2422	36.240	2403.920	2440.160	0.5	PASS
11N40MIMO	Ant0	2437	36.320	2418.840	2455.160	0.5	PASS
11N40MIMO	Ant1	2437	36.320	2418.840	2455.160	0.5	PASS
11N40MIMO	Ant2	2437	36.240	2418.920	2455.160	0.5	PASS
11N40MIMO	Ant3	2437	36.320	2418.840	2455.160	0.5	PASS
11N40MIMO	Ant0	2452	35.920	2433.840	2469.760	0.5	PASS
11N40MIMO	Ant1	2452	36.320	2433.840	2470.160	0.5	PASS
11N40MIMO	Ant2	2452	36.320	2433.840	2470.160	0.5	PASS
11N40MIMO	Ant3	2452	36.320	2433.840	2470.160	0.5	PASS
11AX20MIMO	Ant3	2412	18.840	2402.640	2421.480	0.5	PASS
11AX20MIMO	Ant0	2412	18.880	2402.520	2421.400	0.5	PASS
11AX20MIMO	Ant1	2412	18.840	2402.680	2421.520	0.5	PASS
11AX20MIMO	Ant2	2412	18.840	2402.640	2421.480	0.5	PASS
11AX20MIMO	Ant0	2437	18.840	2427.600	2446.440	0.5	PASS
11AX20MIMO	Ant1	2437	18.880	2427.600	2446.480	0.5	PASS
11AX20MIMO	Ant2	2437	18.800	2427.680	2446.480	0.5	PASS
11AX20MIMO	Ant3	2437	18.920	2427.600	2446.520	0.5	PASS
11AX20MIMO	Ant0	2462	18.880	2452.520	2471.400	0.5	PASS
11AX20MIMO	Ant1	2462	18.920	2452.520	2471.440	0.5	PASS
11AX20MIMO	Ant2	2462	18.640	2452.600	2471.240	0.5	PASS
11AX20MIMO	Ant3	2462	18.880	2452.520	2471.400	0.5	PASS
11AX40MIMO	Ant0	2422	37.760	2403.200	2440.960	0.5	PASS
11AX40MIMO	Ant1	2422	37.840	2403.120	2440.960	0.5	PASS
11AX40MIMO	Ant2	2422	37.680	2403.200	2440.880	0.5	PASS
11AX40MIMO	Ant3	2422	37.600	2403.200	2440.800	0.5	PASS
11AX40MIMO	Ant0	2437	37.600	2418.200	2455.800	0.5	PASS
11AX40MIMO	Ant1	2437	37.680	2418.200	2455.880	0.5	PASS
11AX40MIMO	Ant2	2437	37.600	2418.200	2455.800	0.5	PASS
11AX40MIMO	Ant3	2437	37.760	2418.120	2455.880	0.5	PASS
11AX40MIMO	Ant0	2452	37.600	2433.200	2470.800	0.5	PASS
11AX40MIMO	Ant1	2452	37.600	2433.200	2470.800	0.5	PASS
11AX40MIMO	Ant2	2452	37.600	2433.200	2470.800	0.5	PASS
11AX40MIMO	Ant3	2452	37.840	2433.040	2470.880	0.5	PASS
11BE20MIMO	Ant0	2412	18.680	2402.600	2421.280	0.5	PASS
11BE20MIMO	Ant1	2412	18.600	2402.760	2421.360	0.5	PASS
11BE20MIMO	Ant2	2412	18.400	2402.960	2421.360	0.5	PASS
11BE20MIMO	Ant3	2412	18.440	2402.880	2421.320	0.5	PASS
11BE20MIMO	Ant0	2437	18.400	2427.880	2446.280	0.5	PASS
11BE20MIMO	Ant1	2437	18.720	2427.800	2446.520	0.5	PASS
11BE20MIMO	Ant2	2437	18.080	2427.840	2445.920	0.5	PASS
11BE20MIMO	Ant3	2437	18.000	2427.720	2445.720	0.5	PASS

11BE20MIMO	Ant0	2462	17.680	2453.040	2470.720	0.5	PASS
11BE20MIMO	Ant1	2462	18.240	2452.960	2471.200	0.5	PASS
11BE20MIMO	Ant2	2462	18.520	2452.560	2471.080	0.5	PASS
11BE20MIMO	Ant3	2462	18.440	2452.680	2471.120	0.5	PASS
11BE40MIMO	Ant0	2422	37.600	2403.200	2440.800	0.5	PASS
11BE40MIMO	Ant1	2422	37.200	2403.200	2440.400	0.5	PASS
11BE40MIMO	Ant2	2422	37.600	2403.200	2440.800	0.5	PASS
11BE40MIMO	Ant3	2422	37.520	2403.200	2440.720	0.5	PASS
11BE40MIMO	Ant0	2437	37.520	2418.440	2455.960	0.5	PASS
11BE40MIMO	Ant1	2437	37.840	2418.120	2455.960	0.5	PASS
11BE40MIMO	Ant2	2437	37.680	2418.200	2455.880	0.5	PASS
11BE40MIMO	Ant3	2437	37.280	2418.200	2455.480	0.5	PASS
11BE40MIMO	Ant0	2452	36.400	2433.200	2469.600	0.5	PASS
11BE40MIMO	Ant1	2452	37.360	2433.200	2470.560	0.5	PASS
11BE40MIMO	Ant2	2452	36.960	2433.200	2470.160	0.5	PASS
11BE40MIMO	Ant3	2452	36.880	2433.120	2470.000	0.5	PASS

Test Graphs



11B-CDD-Ant0-2412-PASS



11B-CDD-Ant1-2412-PASS



11B-CDD-Ant2-2412-PASS



11B-CDD-Ant3-2412-PASS



11B-CDD-Ant0-2437-PASS



11B-CDD-Ant1-2437-PASS



11B-CDD-Ant2-2437-PASS



11B-CDD-Ant3-2437-PASS





11B-CDD-Ant2-2462-PASS



11B-CDD-Ant3-2462-PASS



11G-CDD-Ant0-2412-PASS



11G-CDD-Ant1-2412-PASS



11G-CDD-Ant2-2412-PASS



11G-CDD-Ant3-2412-PASS



11G-CDD-Ant0-2437-PASS



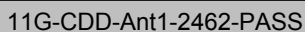
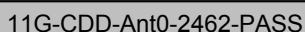
11G-CDD-Ant1-2437-PASS



11G-CDD-Ant2-2437-PASS



11G-CDD-Ant3-2437-PASS





11G-CDD-Ant2-2462-PASS



11G-CDD-Ant3-2462-PASS



11N20MIMO-Ant0-2412-PASS



11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant3-2412-PASS



11N20MIMO-Ant0-2437-PASS



11N20MIMO-Ant1-2437-PASS



11N20MIMO-Ant2-2437-PASS



11N20MIMO-Ant3-2437-PASS



11N20MIMO-Ant0-2462-PASS



11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS



11N20MIMO-Ant3-2462-PASS



11N40MIMO-Ant0-2422-PASS



11N40MIMO-Ant1-2422-PASS



11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant3-2422-PASS



11N40MIMO-Ant0-2437-PASS



11N40MIMO-Ant1-2437-PASS



11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant3-2437-PASS



11N40MIMO-Ant0-2452-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



11N40MIMO-Ant3-2452-PASS



11AX20MIMO-Ant3-2412-PASS



11AX20MIMO-Ant0-2412-PASS



11AX20MIMO-Ant1-2412-PASS



11AX20MIMO-Ant2-2412-PASS



11AX20MIMO-Ant0-2437-PASS



11AX20MIMO-Ant1-2437-PASS



11AX20MIMO-Ant2-2437-PASS



11AX20MIMO-Ant3-2437-PASS



11AX20MIMO-Ant0-2462-PASS



11AX20MIMO-Ant1-2462-PASS



11AX20MIMO-Ant2-2462-PASS



11AX20MIMO-Ant3-2462-PASS



11AX40MIMO-Ant0-2422-PASS



11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant3-2422-PASS



11AX40MIMO-Ant0-2437-PASS



11AX40MIMO-Ant1-2437-PASS



11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant3-2437-PASS



11AX40MIMO-Ant0-2452-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS



11AX40MIMO-Ant3-2452-PASS



11BE20MIMO-Ant0-2412-PASS



11BE20MIMO-Ant1-2412-PASS



11BE20MIMO-Ant2-2412-PASS



11BE20MIMO-Ant3-2412-PASS



11BE20MIMO-Ant0-2437-PASS



11BE20MIMO-Ant1-2437-PASS



11BE20MIMO-Ant2-2437-PASS



11BE20MIMO-Ant3-2437-PASS



11BE20MIMO-Ant0-2462-PASS



11BE20MIMO-Ant1-2462-PASS



11BE20MIMO-Ant2-2462-PASS



11BE20MIMO-Ant3-2462-PASS



11BE40MIMO-Ant0-2422-PASS



11BE40MIMO-Ant1-2422-PASS



11BE40MIMO-Ant2-2422-PASS



11BE40MIMO-Ant3-2422-PASS



11BE40MIMO-Ant0-2437-PASS



11BE40MIMO-Ant1-2437-PASS



11BE40MIMO-Ant2-2437-PASS



11BE40MIMO-Ant3-2437-PASS