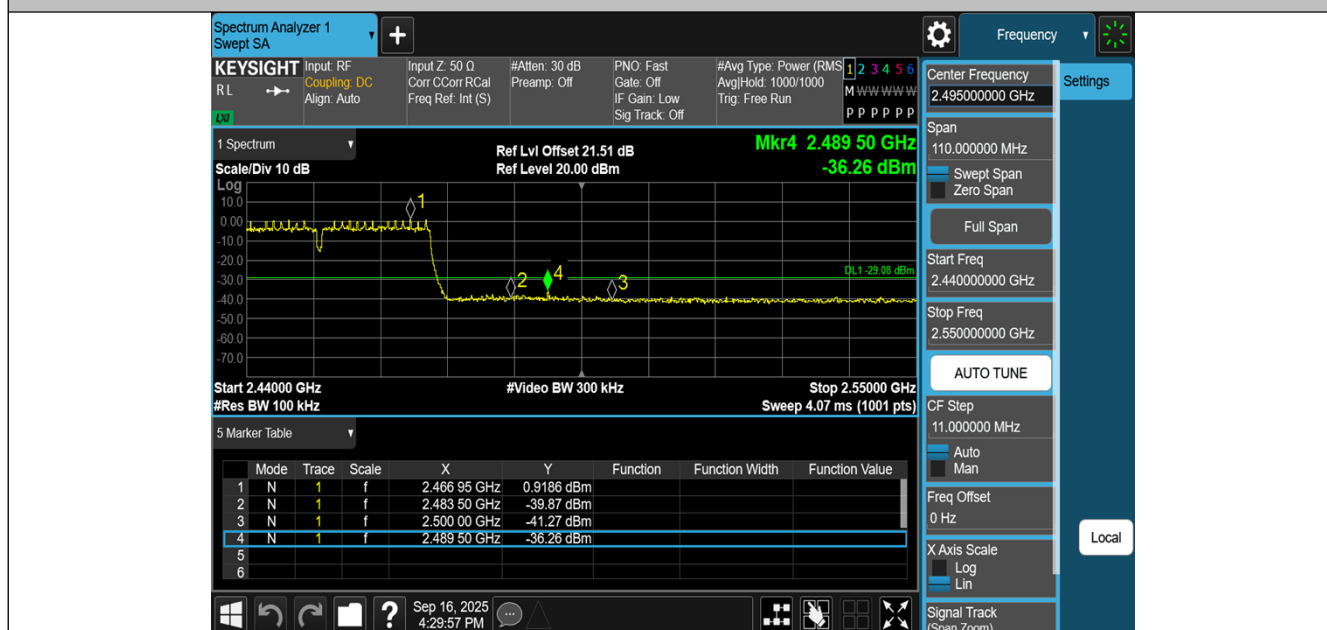
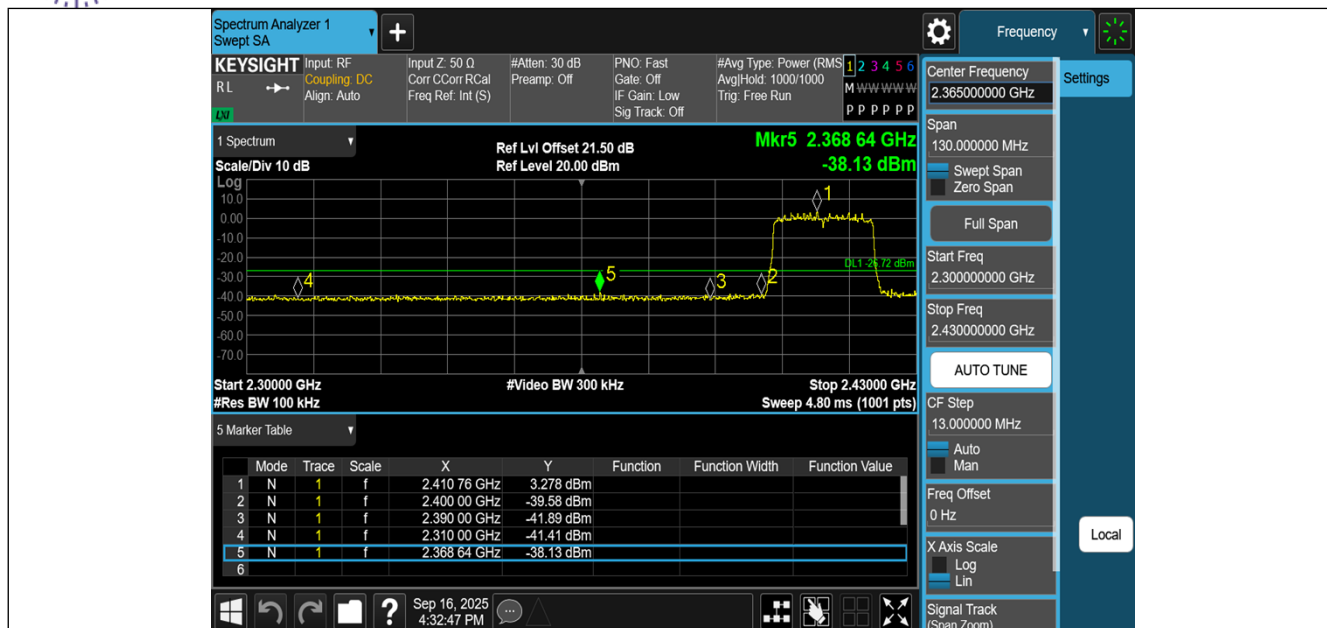




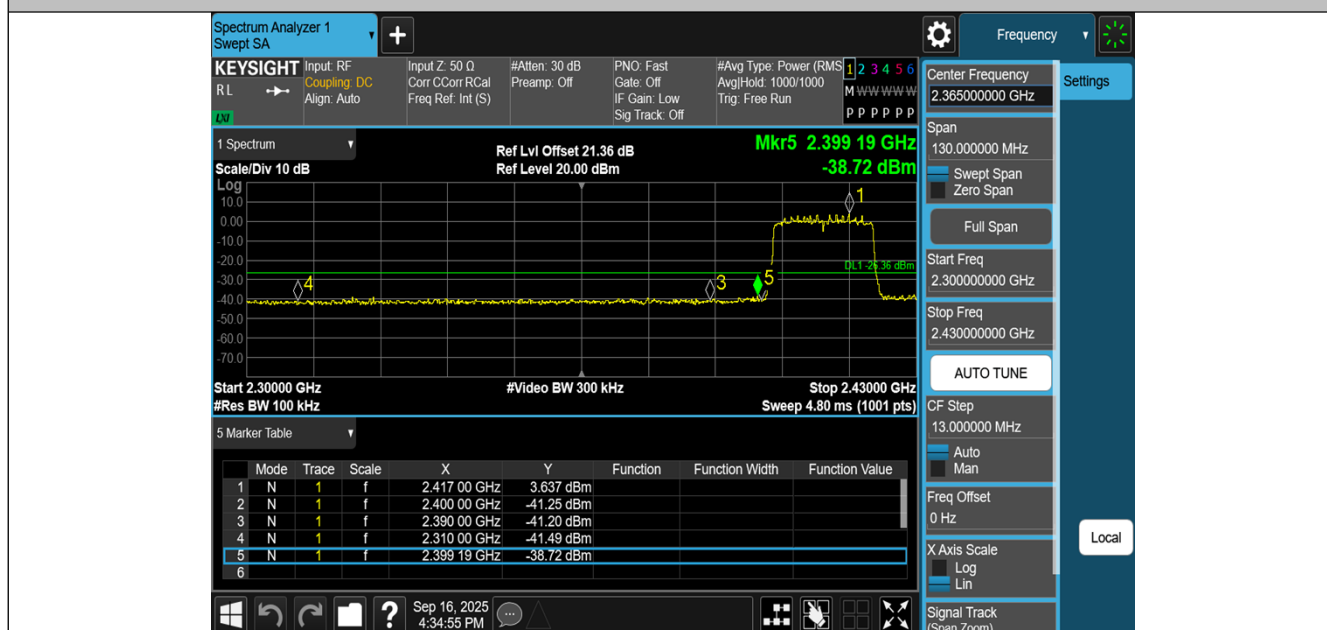
11N40MIMO-Ant1-2452-PASS



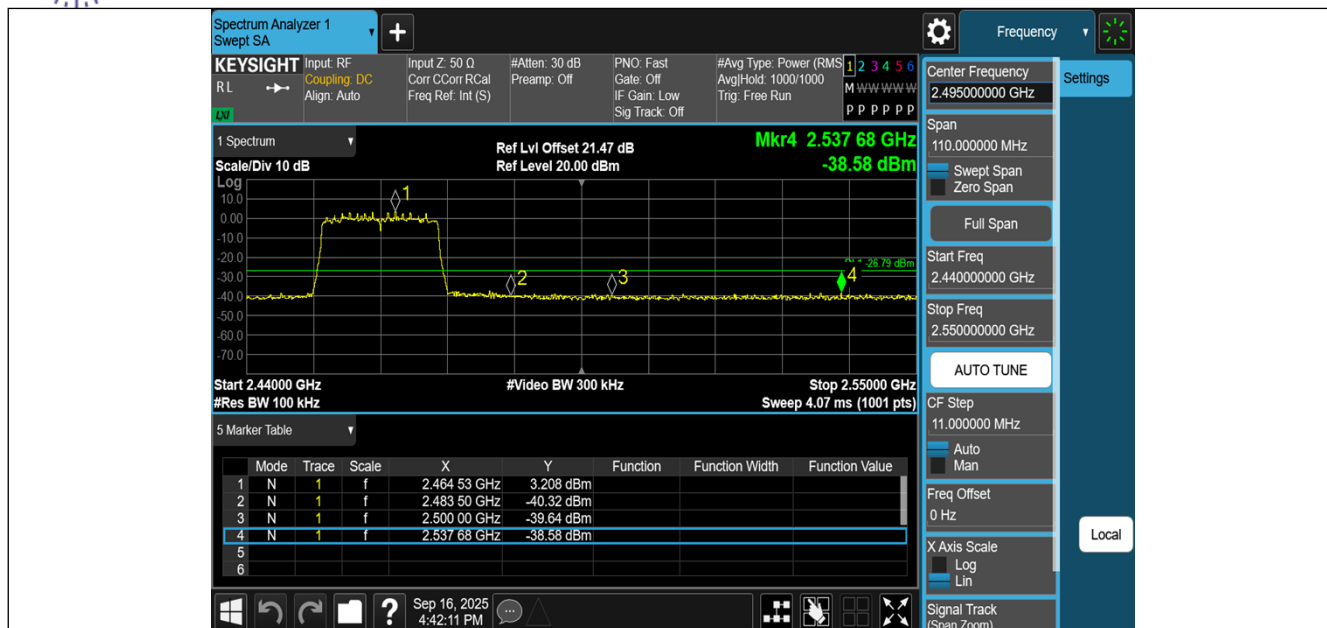
11N40MIMO-Ant2-2452-PASS



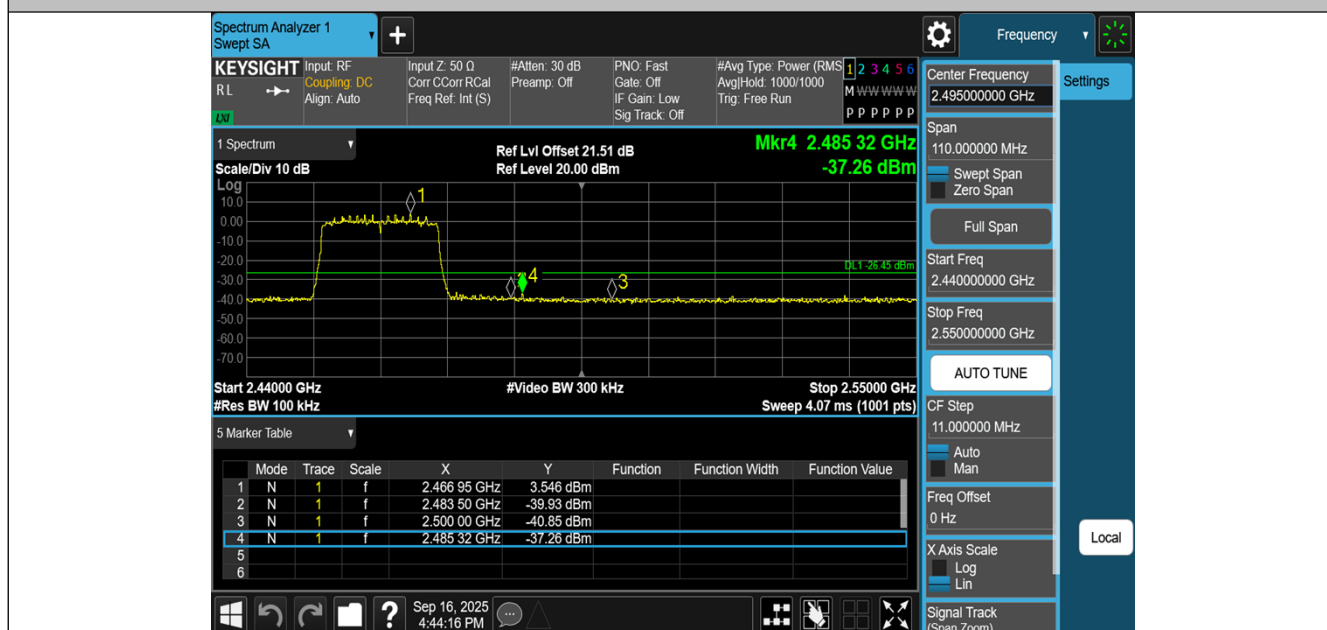
11AX20MIMO-Ant1-2412-PASS



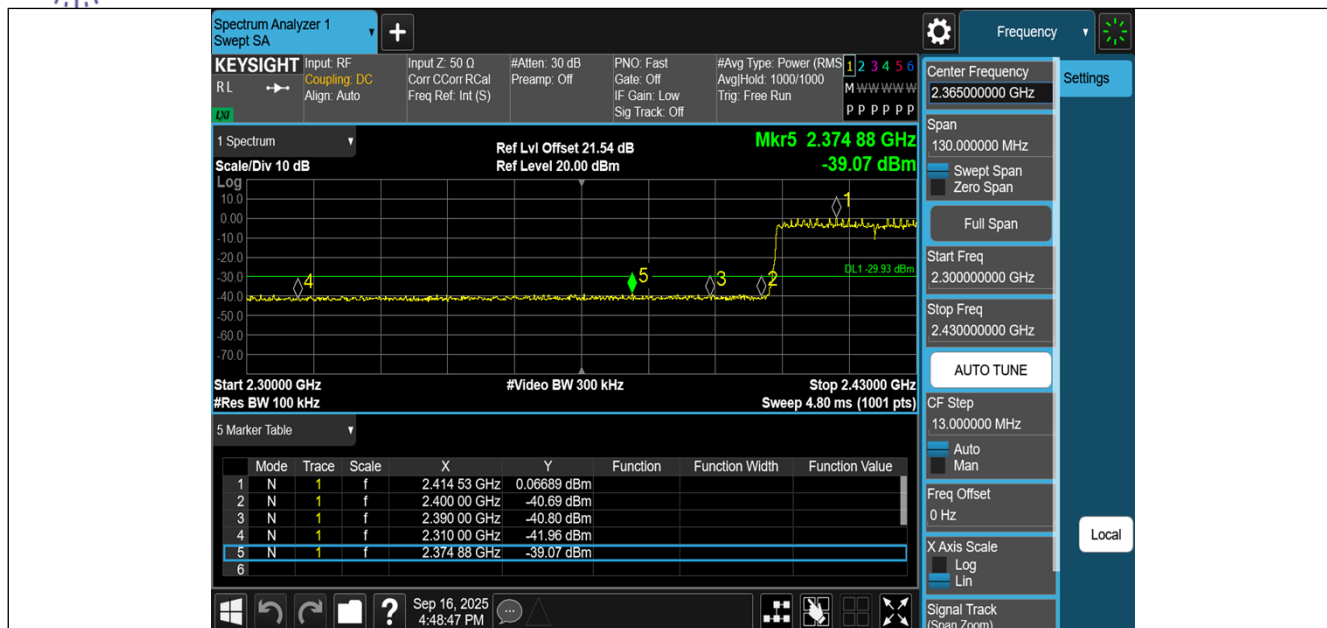
11AX20MIMO-Ant2-2412-PASS



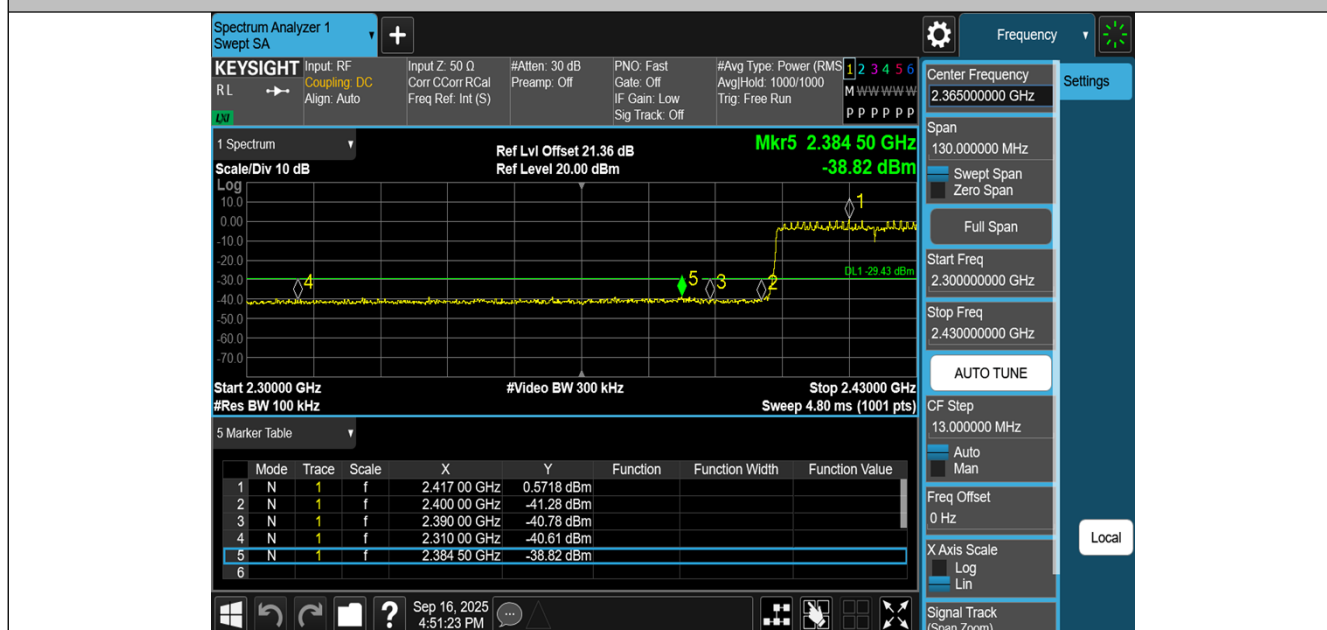
11AX20MIMO-Ant1-2462-PASS



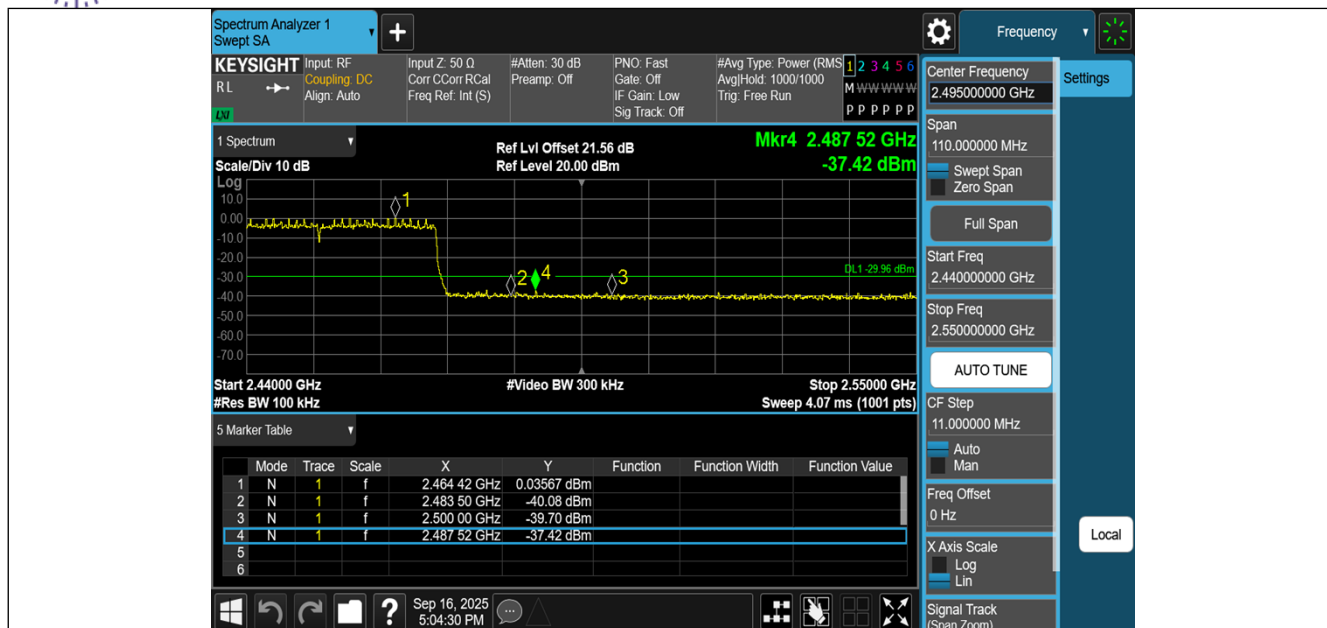
11AX20MIMO-Ant2-2462-PASS



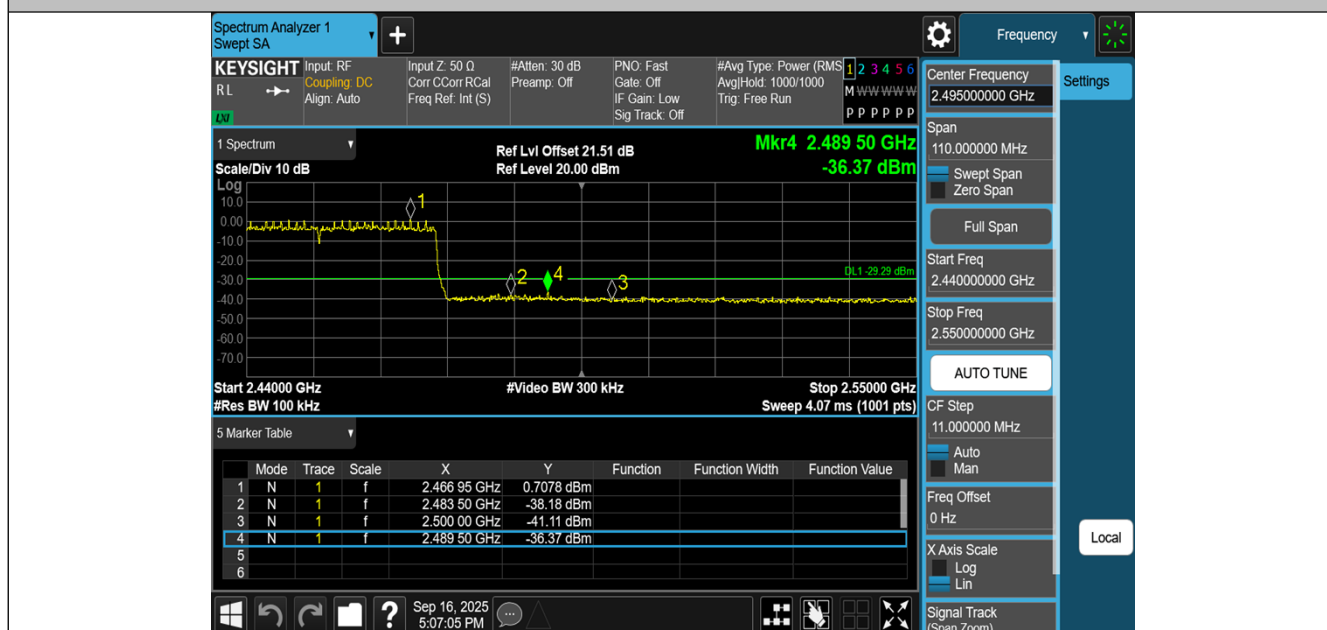
11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS

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 tonscend test system, and the spectrum analyser is set as follow:

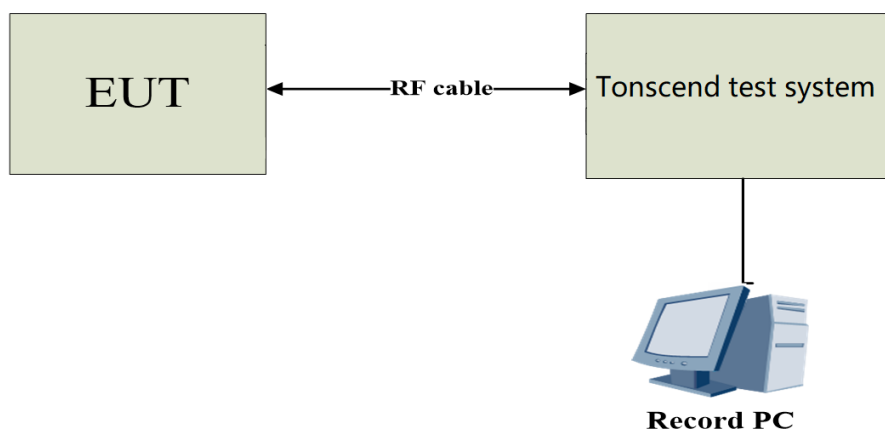
Centre Frequency	The centre frequency of the channel under test
RBW	1% to 5% of the OBW but not less than 100 kHz
VBW	$\geq 3 \times \text{RBW}$
Frequency span	2x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

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



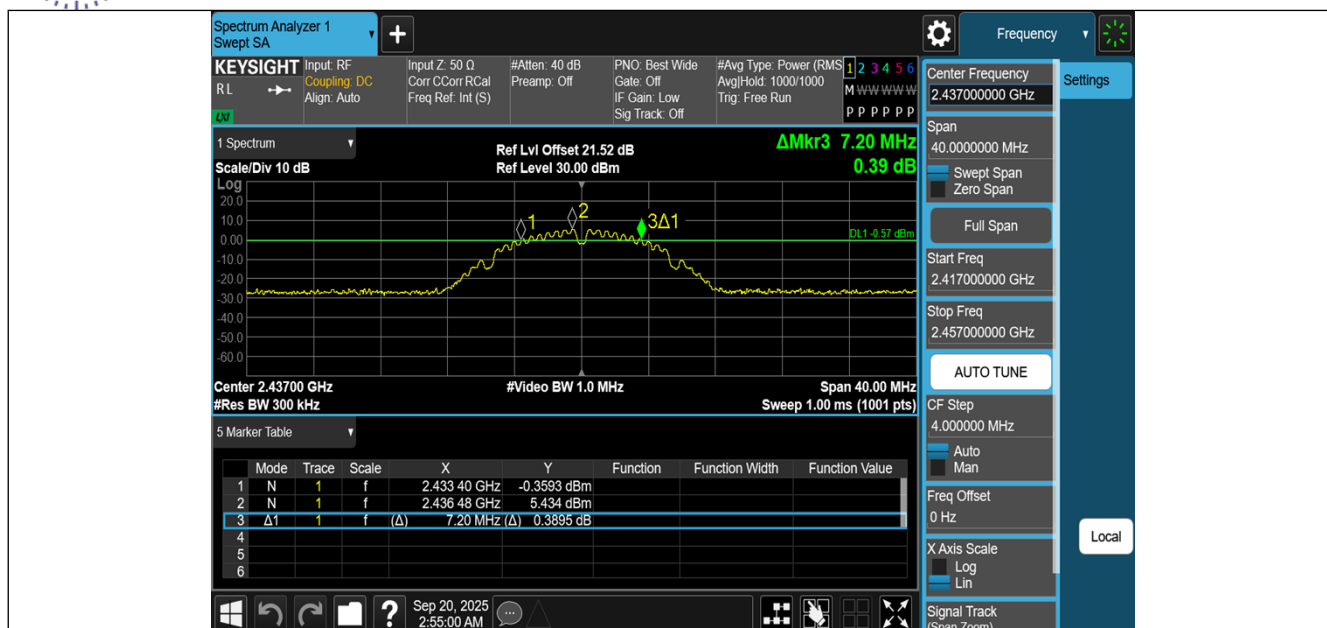
3.4.4 Test Result

DTS Bandwidth

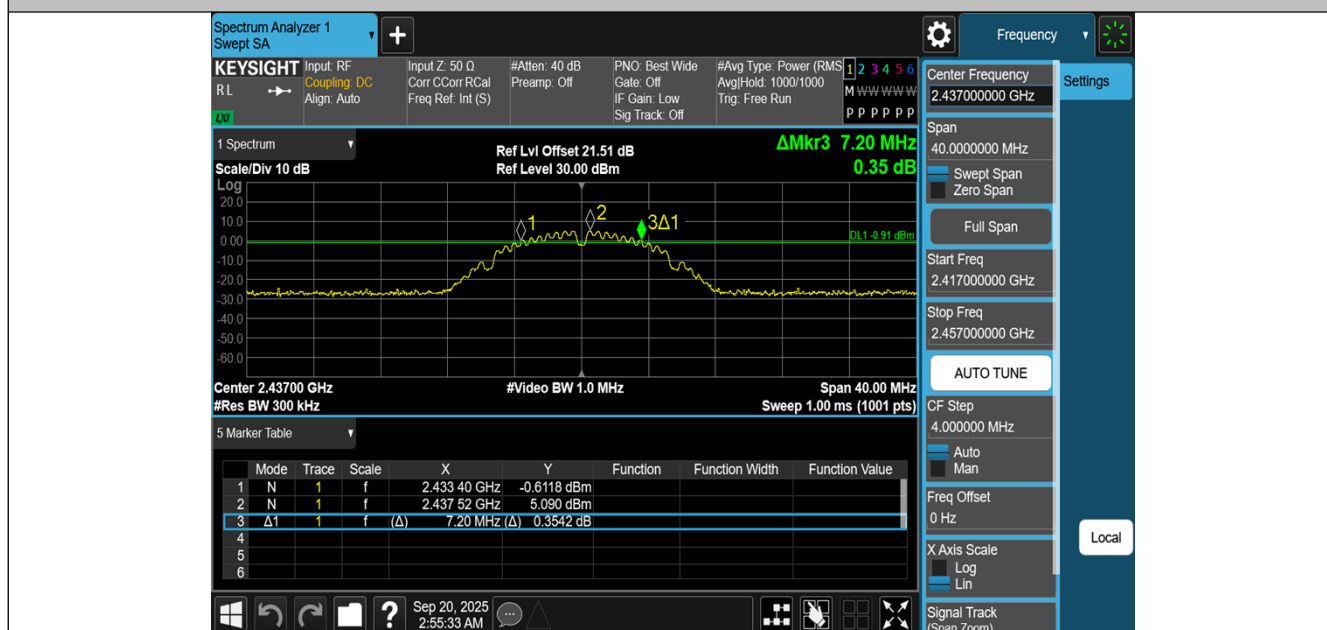
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	7.200	2408.400	2415.600	0.5	PASS
11B-CDD	Ant2	2412	7.200	2408.400	2415.600	0.5	PASS
11B-CDD	Ant1	2437	7.200	2433.400	2440.600	0.5	PASS
11B-CDD	Ant2	2437	7.200	2433.400	2440.600	0.5	PASS
11B-CDD	Ant1	2462	7.200	2458.400	2465.600	0.5	PASS
11B-CDD	Ant2	2462	7.200	2458.400	2465.600	0.5	PASS
11G-CDD	Ant1	2412	16.440	2403.800	2420.240	0.5	PASS
11G-CDD	Ant2	2412	16.520	2403.760	2420.280	0.5	PASS
11G-CDD	Ant1	2437	16.520	2428.760	2445.280	0.5	PASS
11G-CDD	Ant2	2437	16.480	2428.760	2445.240	0.5	PASS
11G-CDD	Ant1	2462	16.480	2453.760	2470.240	0.5	PASS
11G-CDD	Ant2	2462	16.480	2453.760	2470.240	0.5	PASS
11N20MIMO	Ant1	2412	17.760	2403.160	2420.920	0.5	PASS
11N20MIMO	Ant2	2412	17.720	2403.160	2420.880	0.5	PASS
11N20MIMO	Ant1	2437	17.800	2428.120	2445.920	0.5	PASS
11N20MIMO	Ant2	2437	17.760	2428.120	2445.880	0.5	PASS
11N20MIMO	Ant1	2462	17.720	2453.160	2470.880	0.5	PASS
11N20MIMO	Ant2	2462	17.720	2453.160	2470.880	0.5	PASS
11N40MIMO	Ant1	2422	36.560	2403.680	2440.240	0.5	PASS
11N40MIMO	Ant2	2422	36.480	2403.760	2440.240	0.5	PASS
11N40MIMO	Ant1	2437	36.480	2418.760	2455.240	0.5	PASS
11N40MIMO	Ant2	2437	36.480	2418.760	2455.240	0.5	PASS
11N40MIMO	Ant1	2452	36.480	2433.760	2470.240	0.5	PASS
11N40MIMO	Ant2	2452	36.400	2433.840	2470.240	0.5	PASS
11AX20MIMO	Ant1	2412	19.160	2402.440	2421.600	0.5	PASS
11AX20MIMO	Ant2	2412	19.080	2402.480	2421.560	0.5	PASS
11AX20MIMO	Ant1	2437	19.040	2427.480	2446.520	0.5	PASS
11AX20MIMO	Ant2	2437	19.040	2427.480	2446.520	0.5	PASS
11AX20MIMO	Ant1	2462	19.080	2452.440	2471.520	0.5	PASS
11AX20MIMO	Ant2	2462	19.080	2452.480	2471.560	0.5	PASS
11AX40MIMO	Ant1	2422	38.000	2403.040	2441.040	0.5	PASS
11AX40MIMO	Ant2	2422	37.920	2403.040	2440.960	0.5	PASS
11AX40MIMO	Ant1	2437	37.920	2418.040	2455.960	0.5	PASS
11AX40MIMO	Ant2	2437	37.920	2418.040	2455.960	0.5	PASS
11AX40MIMO	Ant1	2452	38.000	2428.000	2466.000	0.5	PASS
11AX40MIMO	Ant2	2452	38.000	2428.000	2466.000	0.5	PASS

Test graph





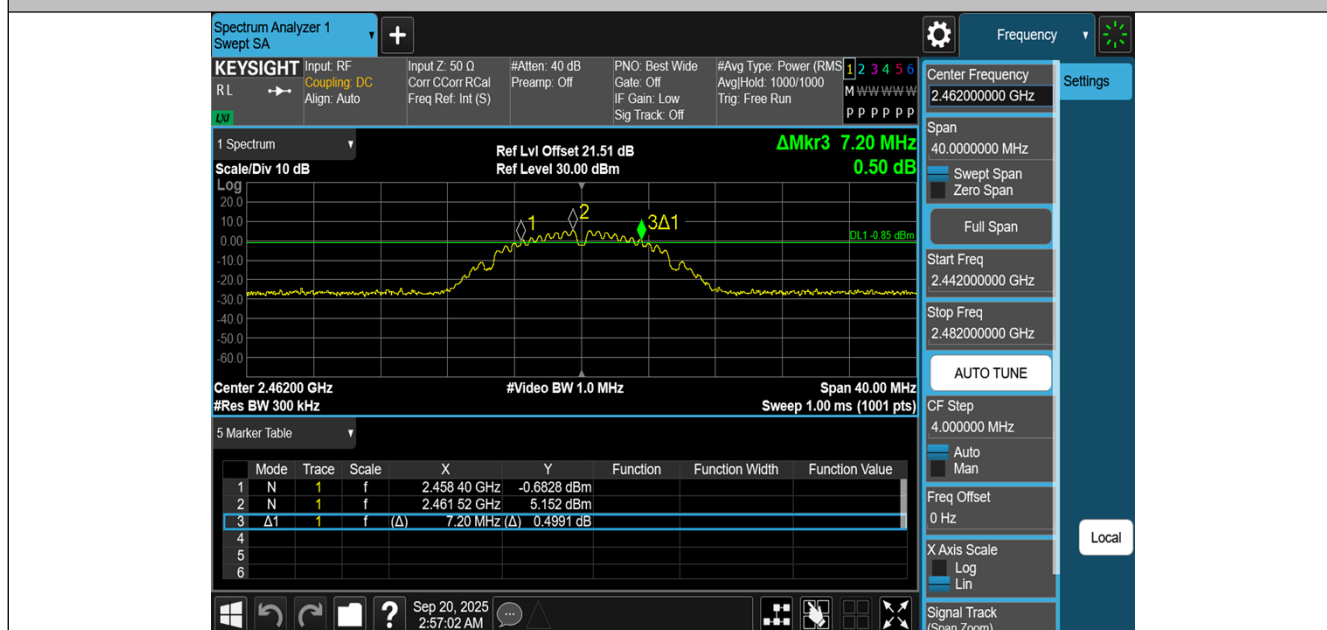
11B-CDD-Ant1-2437-PASS



11B-CDD-Ant2-2437-PASS



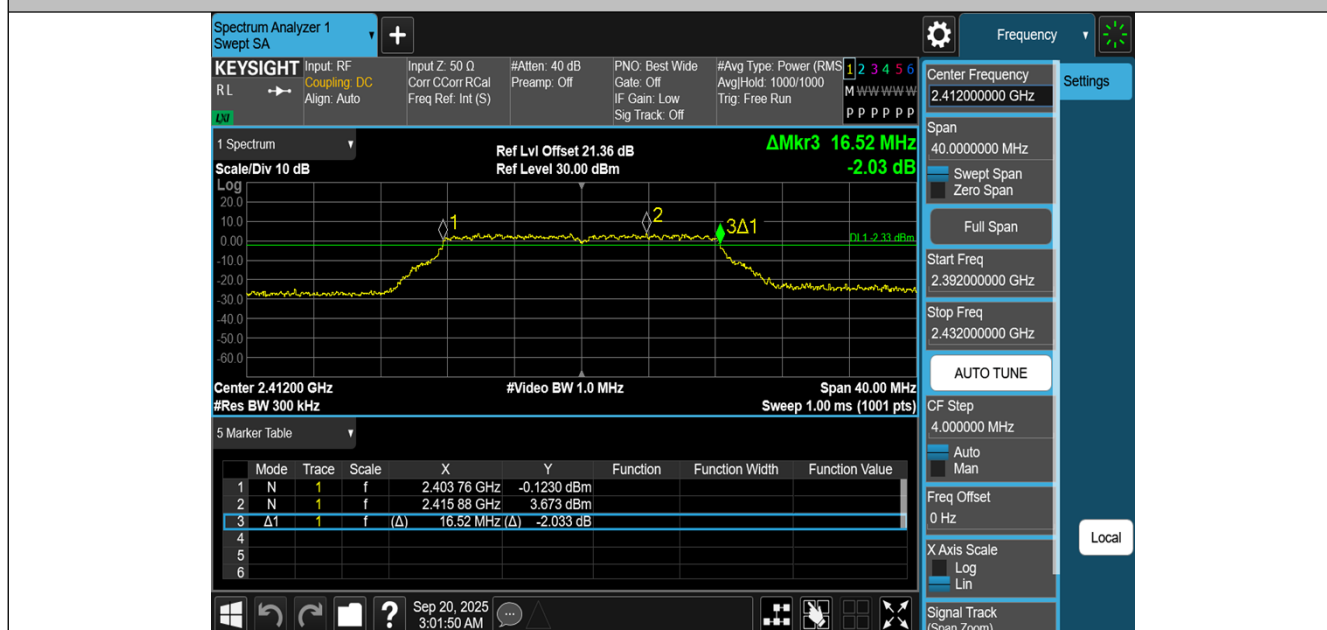
11B-CDD-Ant1-2462-PASS



11B-CDD-Ant2-2462-PASS



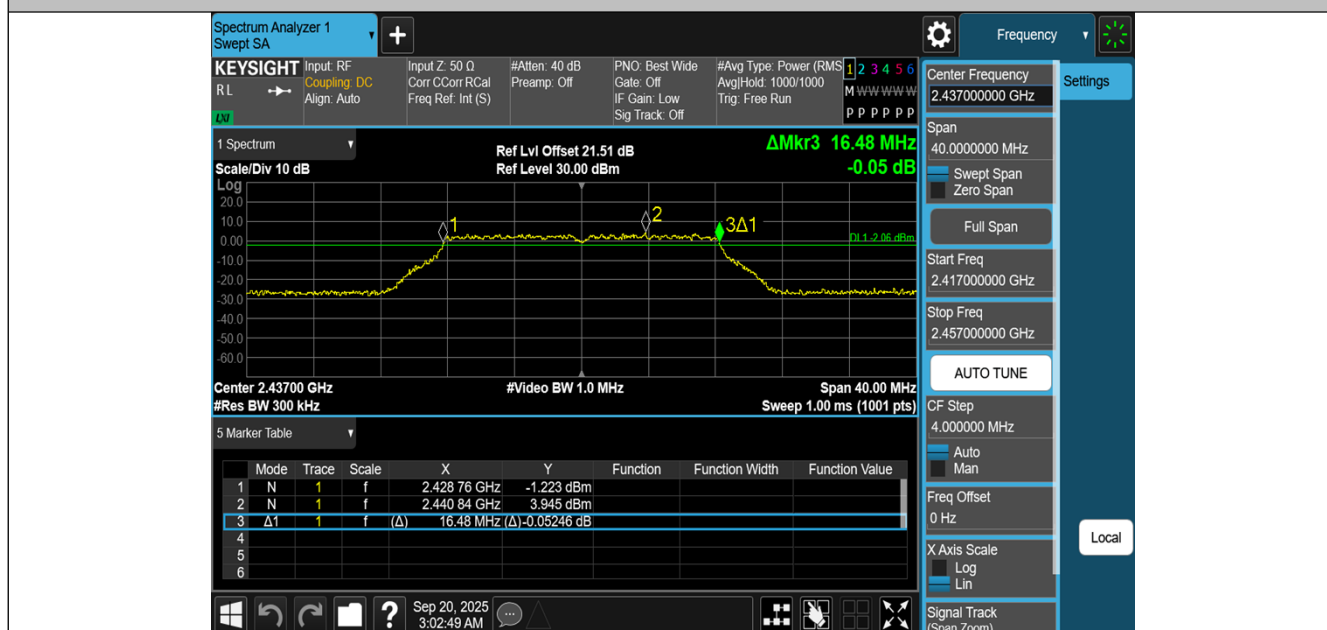
11G-CDD-Ant1-2412-PASS



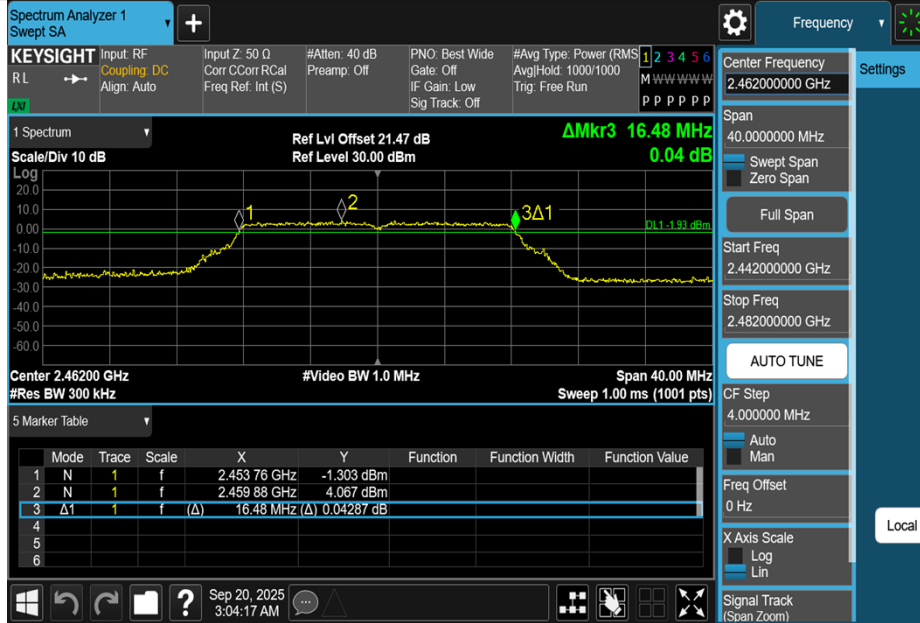
11G-CDD-Ant2-2412-PASS



11G-CDD-Ant1-2437-PASS



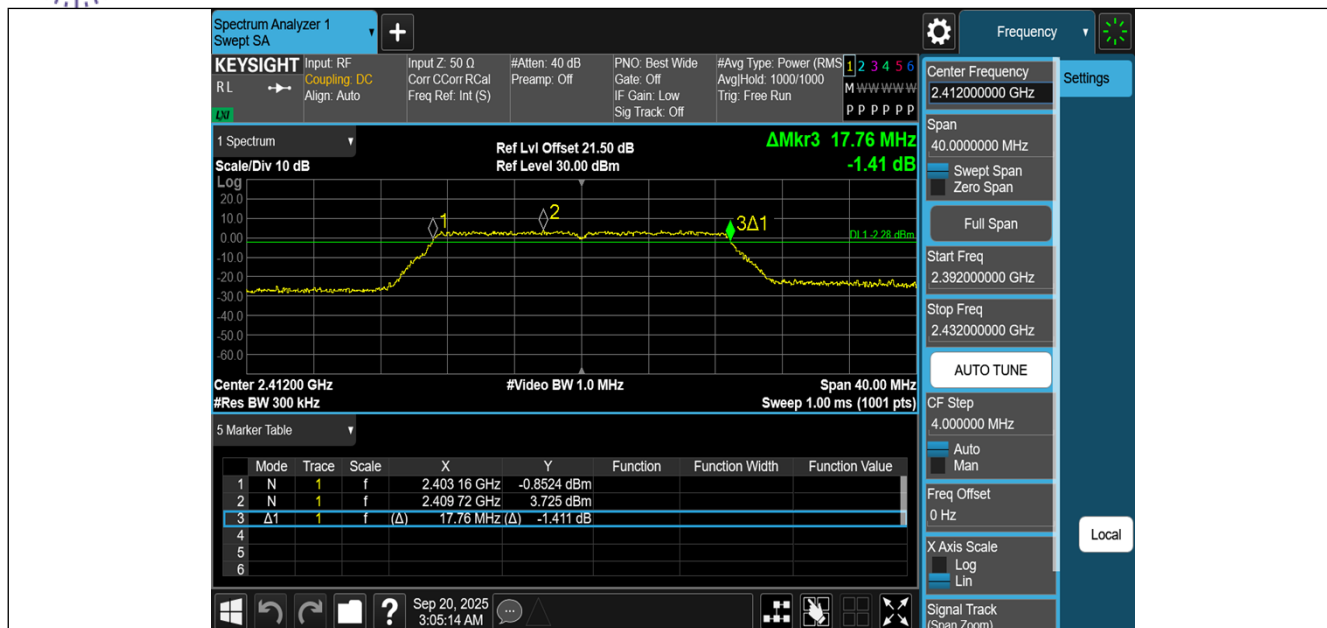
11G-CDD-Ant2-2437-PASS



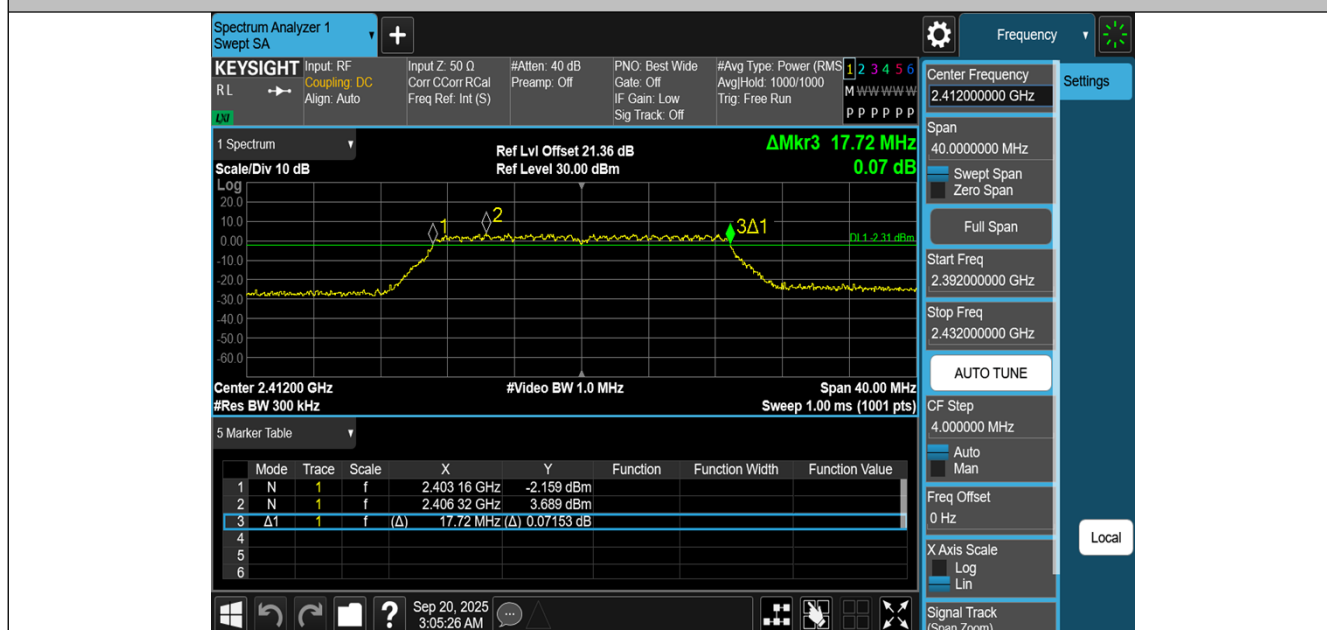
11G-CDD-Ant1-2462-PASS



11G-CDD-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS