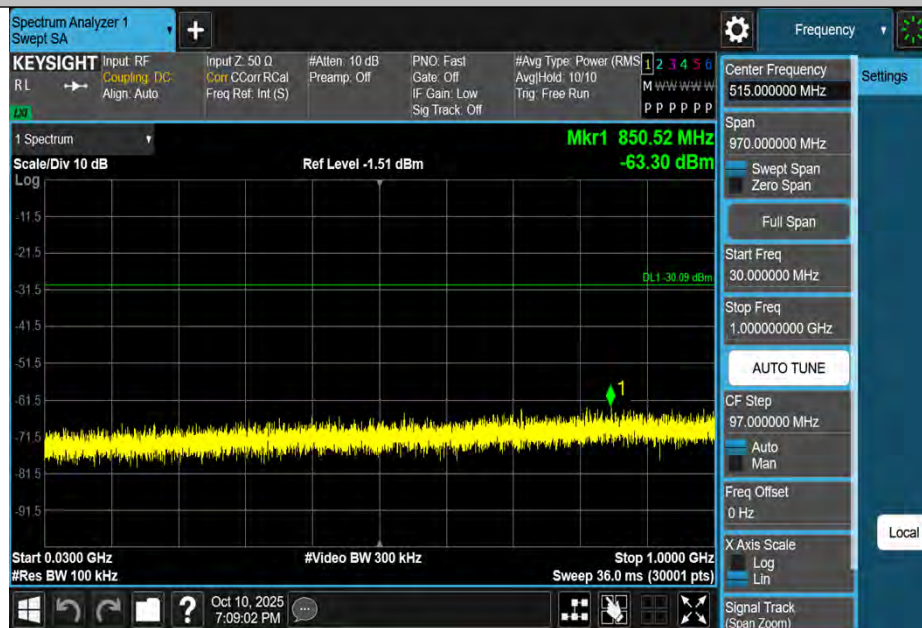




11AX20MIMO-Ant1-2462-30~1000-PASS



11AX20MIMO-Ant2-2462-30~1000-PASS



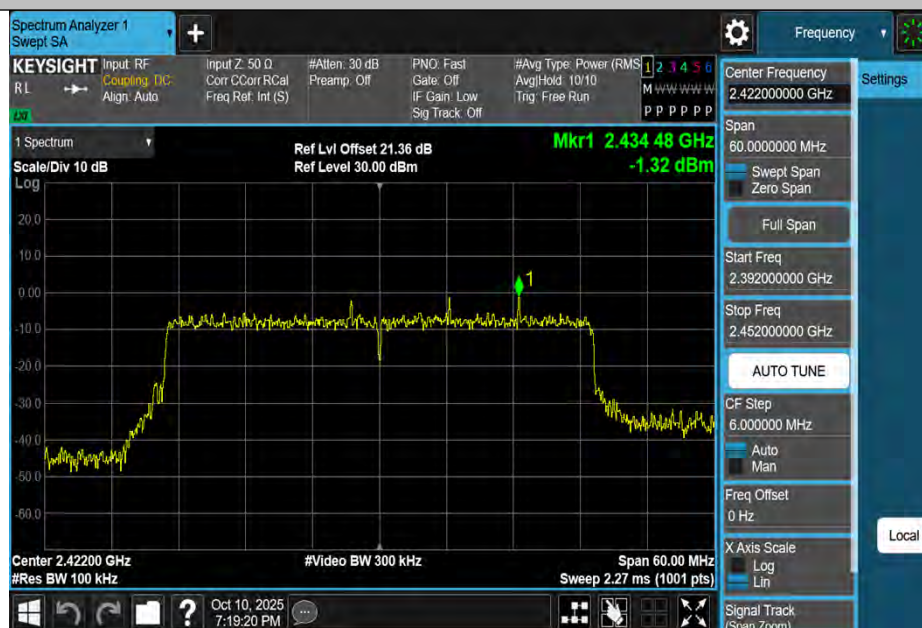
11AX20MIMO-Ant1-2462-1000~26500-PASS



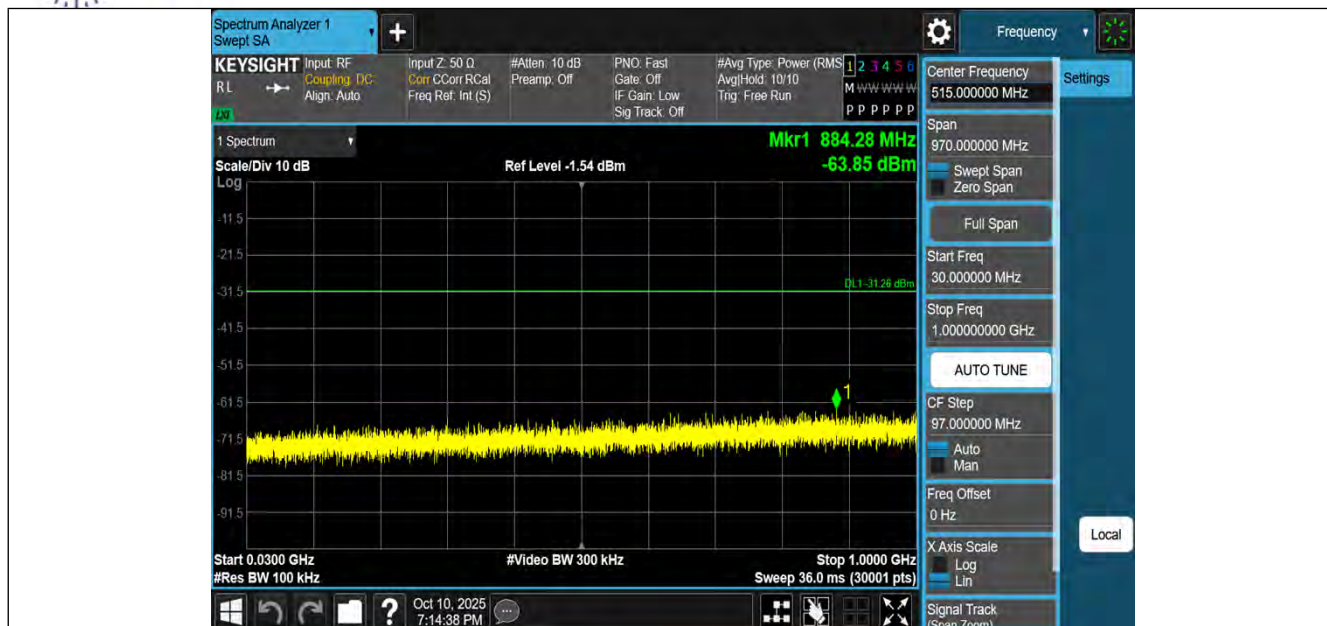
11AX20MIMO-Ant2-2462-1000~26500-PASS



11AX40MIMO-Ant1-2422-0~Reference-PASS



11AX40MIMO-Ant2-2422-0~Reference-PASS



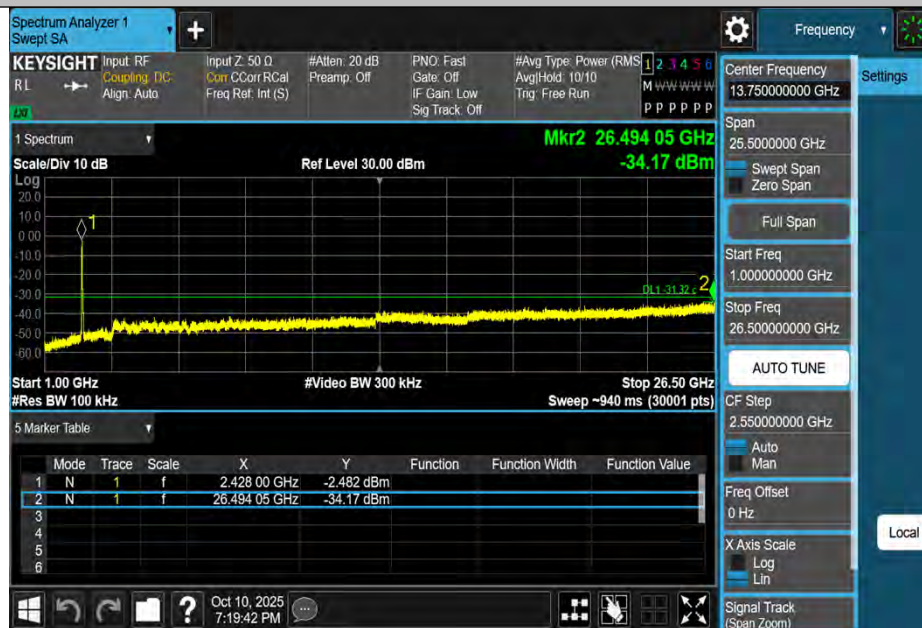
11AX40MIMO-Ant1-2422-30~1000-PASS



11AX40MIMO-Ant2-2422-30~1000-PASS



11AX40MIMO-Ant1-2422-1000~26500-PASS



11AX40MIMO-Ant2-2422-1000~26500-PASS



11AX40MIMO-Ant1-2437-0~Reference-PASS



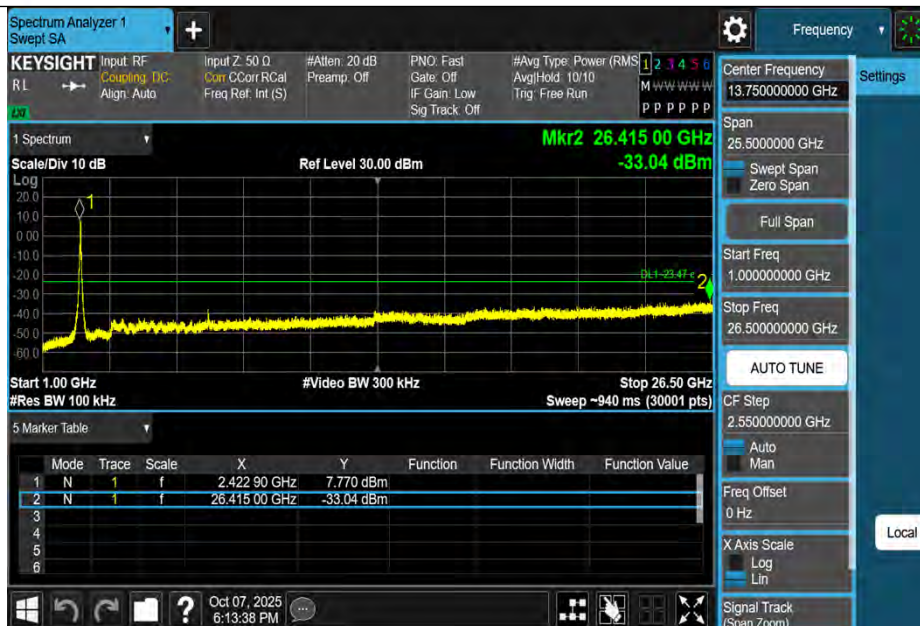
11AX40MIMO-Ant2-2437-0~Reference-PASS



11AX40MIMO-Ant1-2437-30~1000-PASS



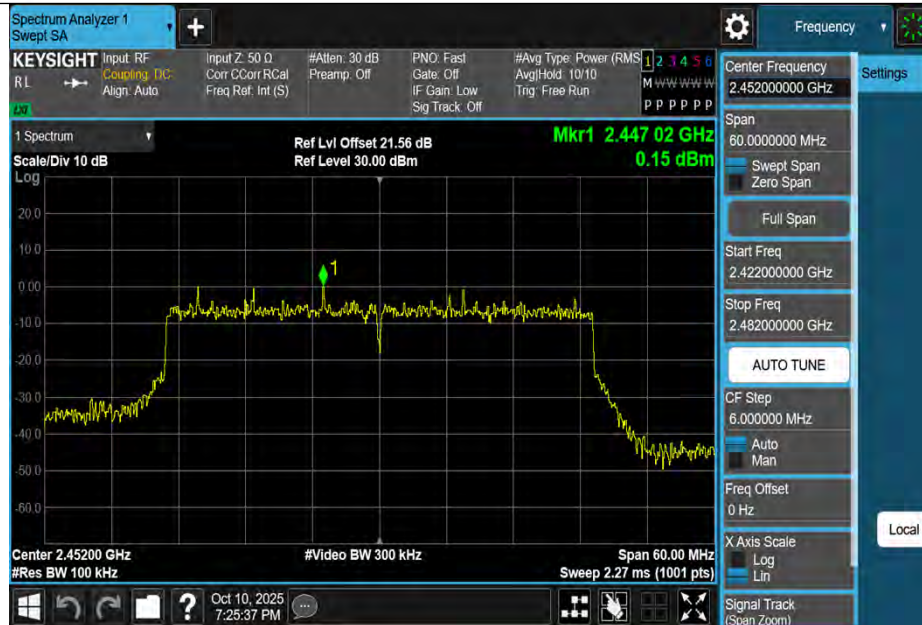
11AX40MIMO-Ant2-2437-30~1000-PASS



11AX40MIMO-Ant1-2437-1000~26500-PASS



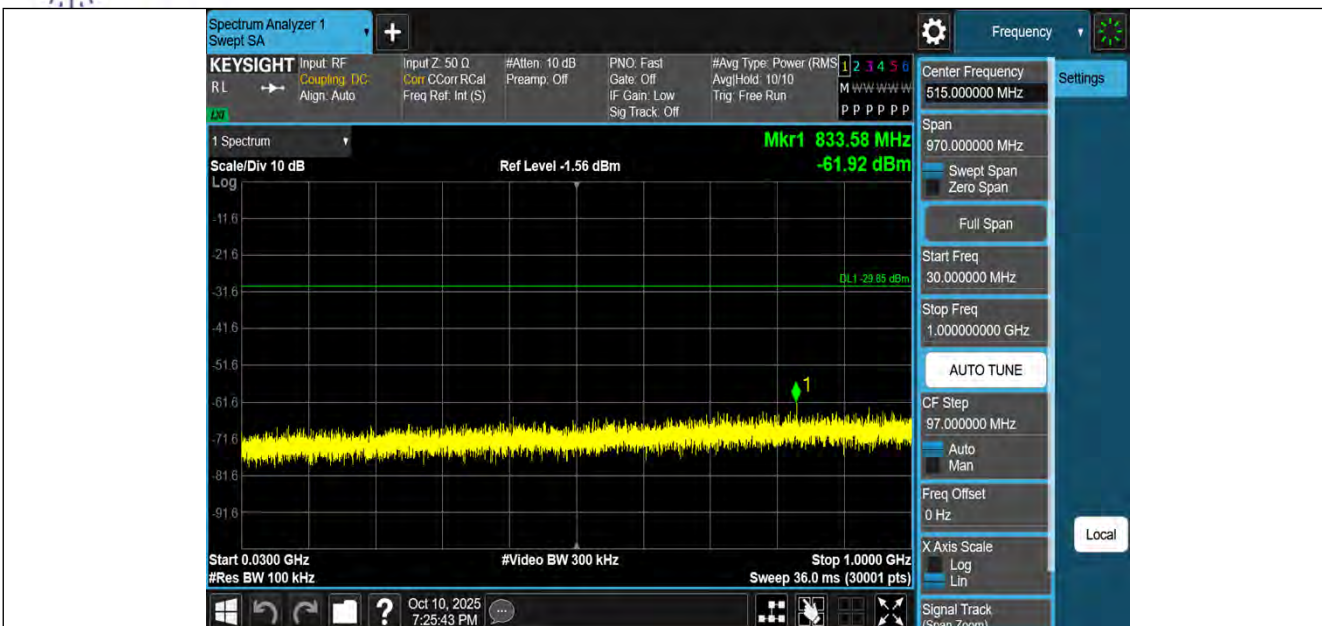
11AX40MIMO-Ant2-2437-1000~26500-PASS



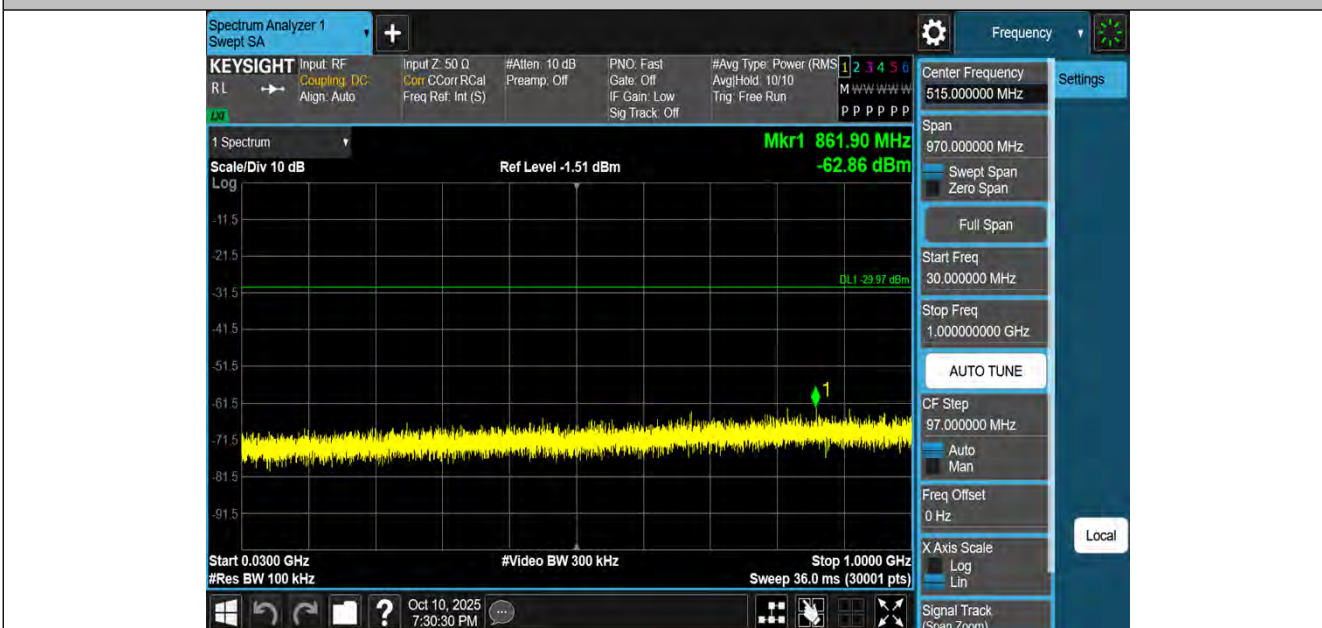
11AX40MIMO-Ant1-2452-0~Reference-PASS



11AX40MIMO-Ant2-2452-0~Reference-PASS



11AX40MIMO-Ant1-2452-30~1000-PASS



11AX40MIMO-Ant2-2452-30~1000-PASS



11AX40MIMO-Ant1-2452-1000~26500-PASS



11AX40MIMO-Ant2-2452-1000~26500-PASS



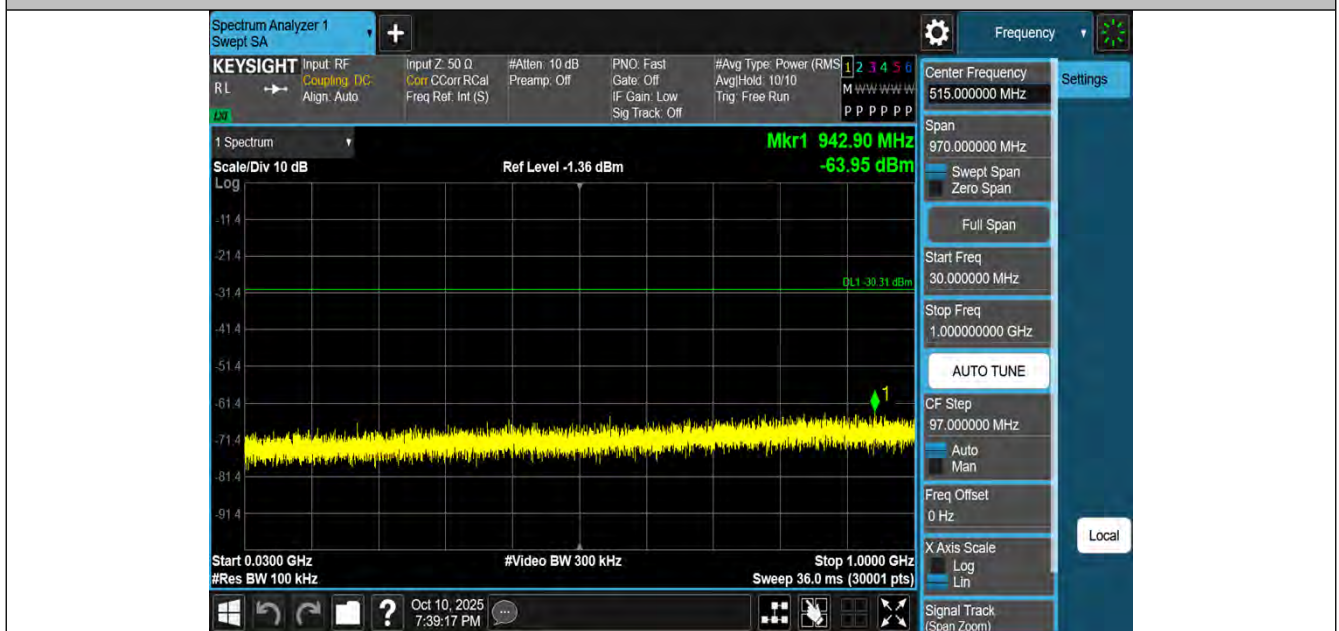
11BE20MIMO-Ant1-2412-0~Reference-PASS



11BE20MIMO-Ant2-2412-0~Reference-PASS



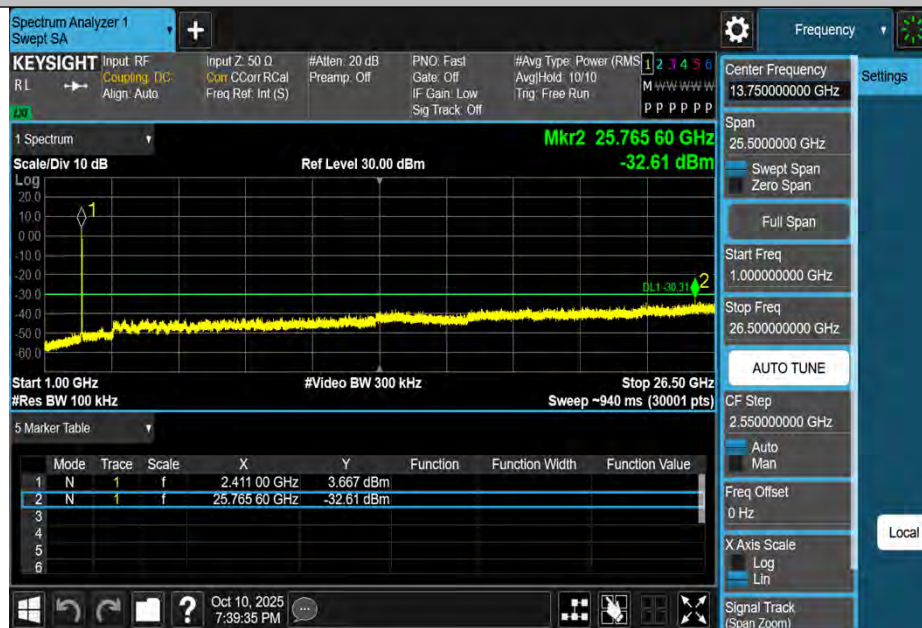
11BE20MIMO-Ant1-2412-30~1000-PASS



11BE20MIMO-Ant2-2412-30~1000-PASS



11BE20MIMO-Ant1-2412-1000~26500-PASS



11BE20MIMO-Ant2-2412-1000~26500-PASS



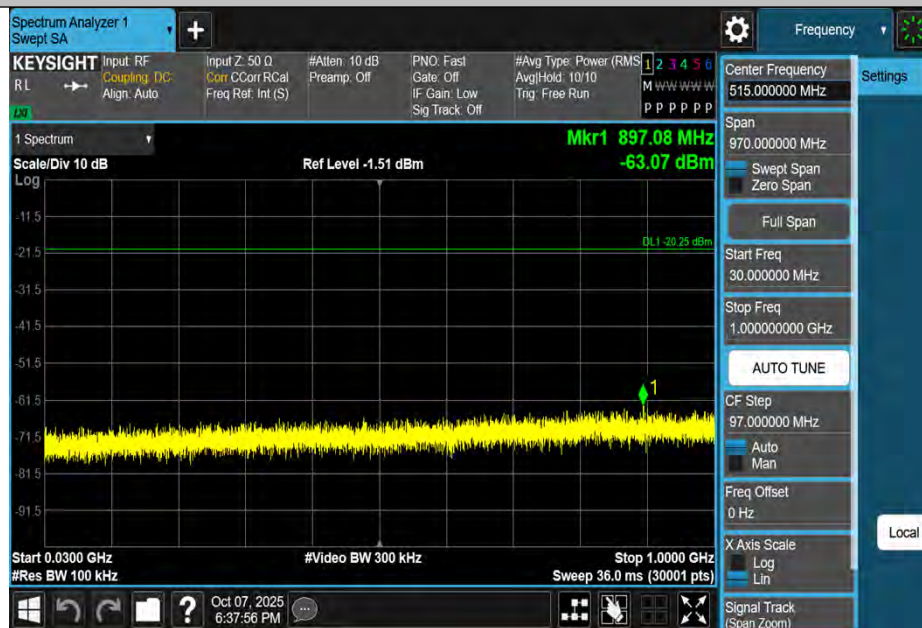
11BE20MIMO-Ant1-2437-0~Reference-PASS



11BE20MIMO-Ant2-2437-0~Reference-PASS



11BE20MIMO-Ant1-2437-30~1000-PASS



11BE20MIMO-Ant2-2437-30~1000-PASS



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



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



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



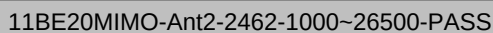
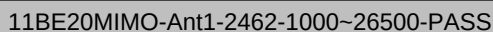
11BE20MIMO-Ant2-2462-0~Reference-PASS



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



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





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



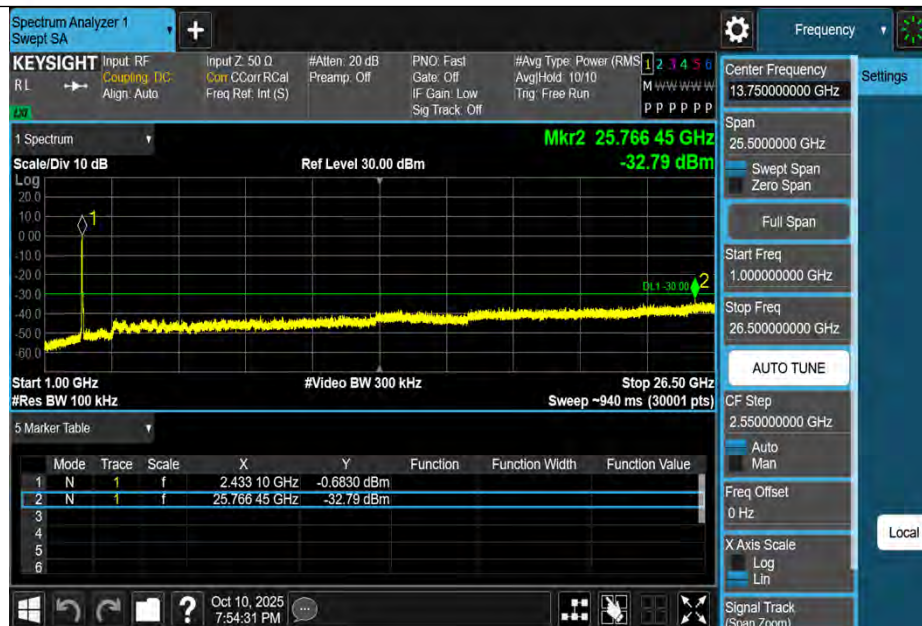
11BE40MIMO-Ant2-2422-0~Reference-PASS



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



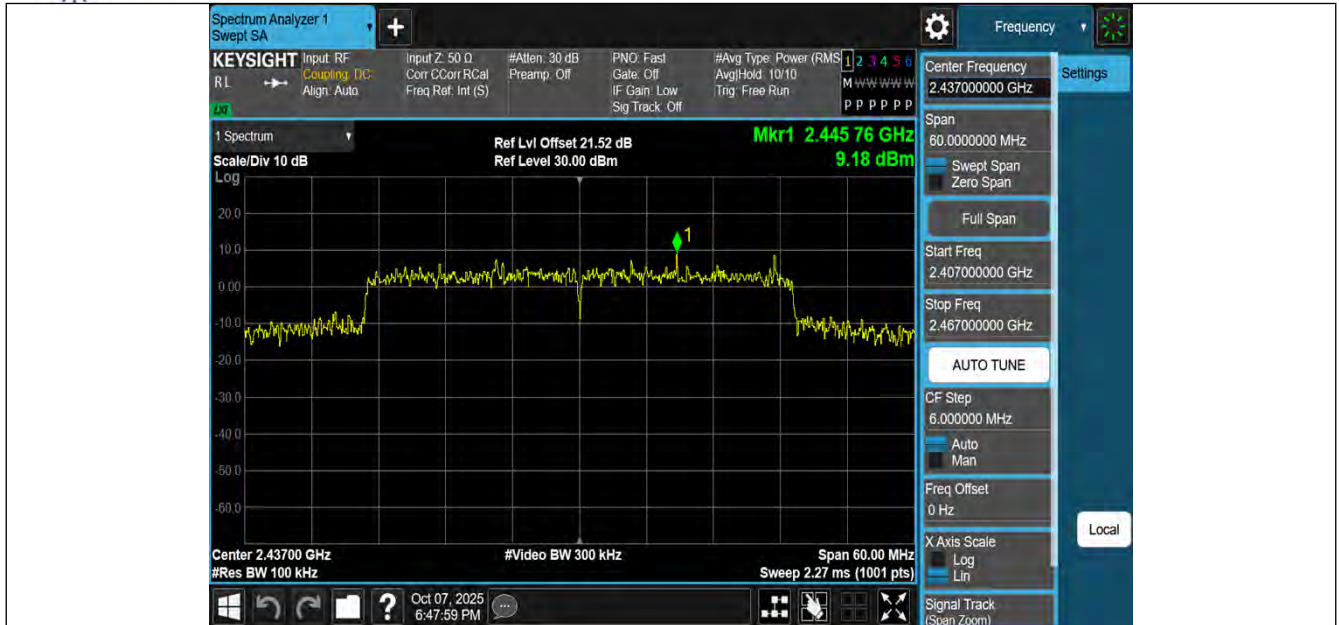
11BE40MIMO-Ant2-2422-30~1000-PASS



11BE40MIMO-Ant1-2422-1000~26500-PASS



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



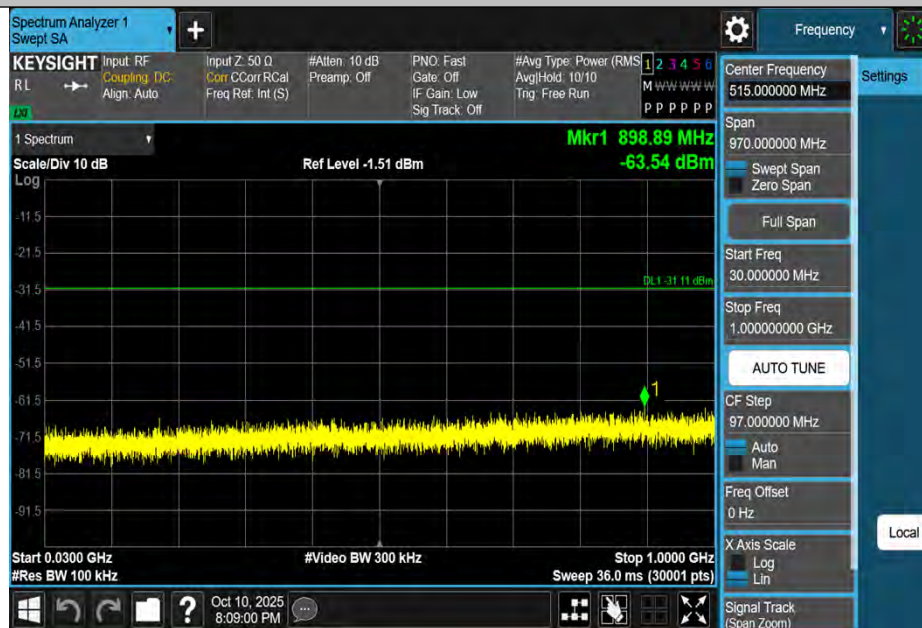
11BE40MIMO-Ant1-2452-0~Reference-PASS



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



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



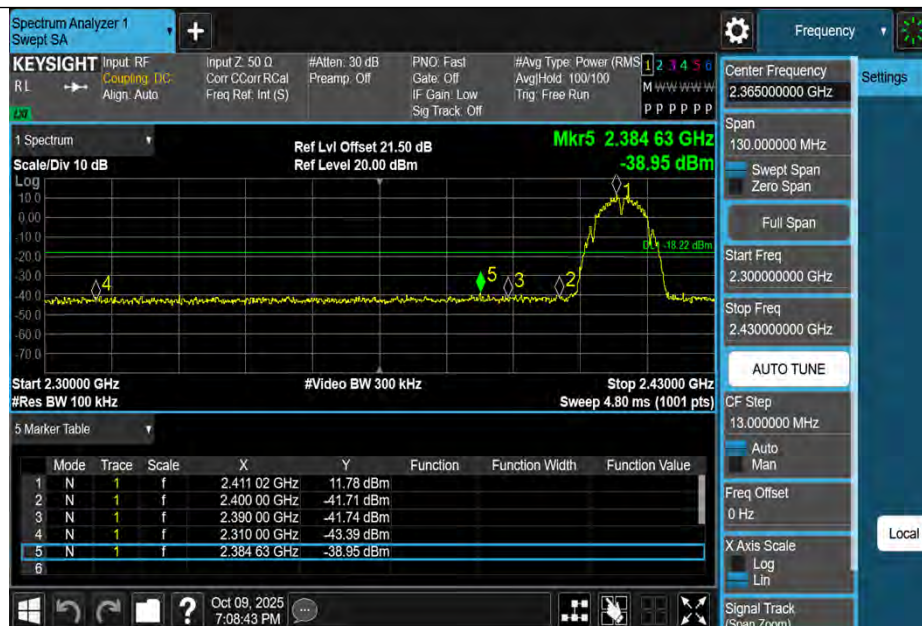
11BE40MIMO-Ant2-2452-30~1000-PASS



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



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



11B-Ant1-2412-PASS



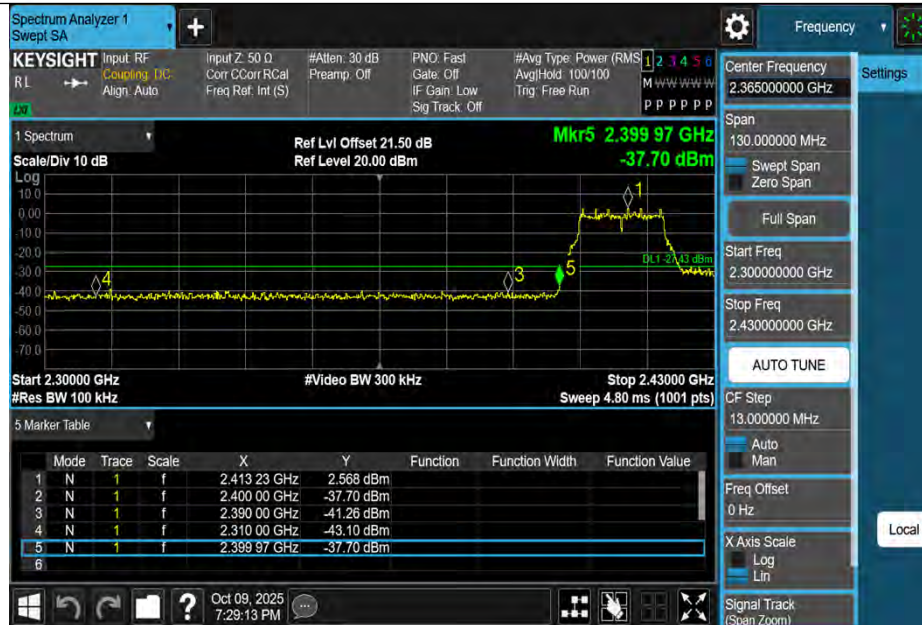
11B-Ant2-2412-PASS



11B-Ant1-2462-PASS



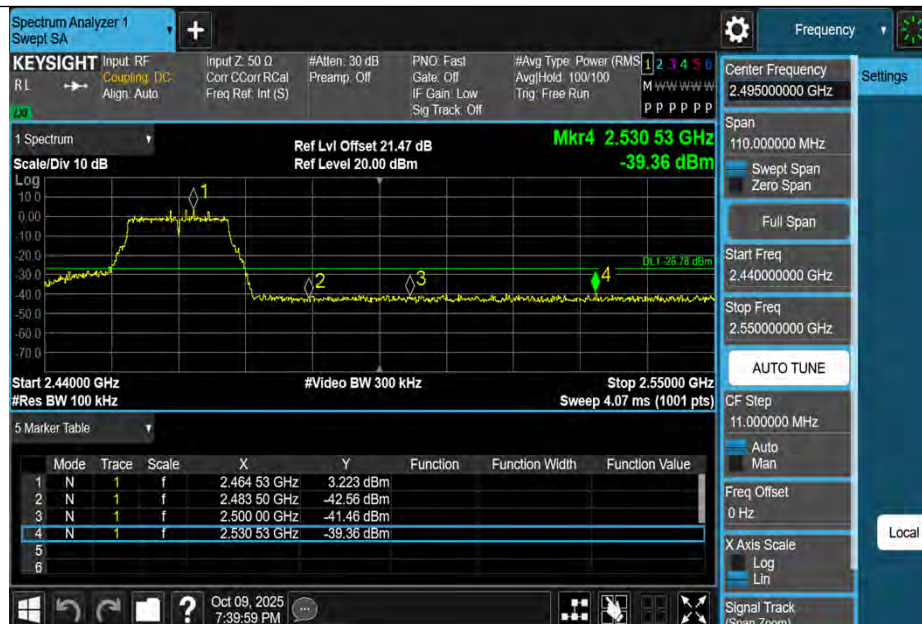
11B-Ant2-2462-PASS



11G-Ant1-2412-PASS



11G-Ant2-2412-PASS



11G-Ant1-2462-PASS



11G-Ant2-2462-PASS



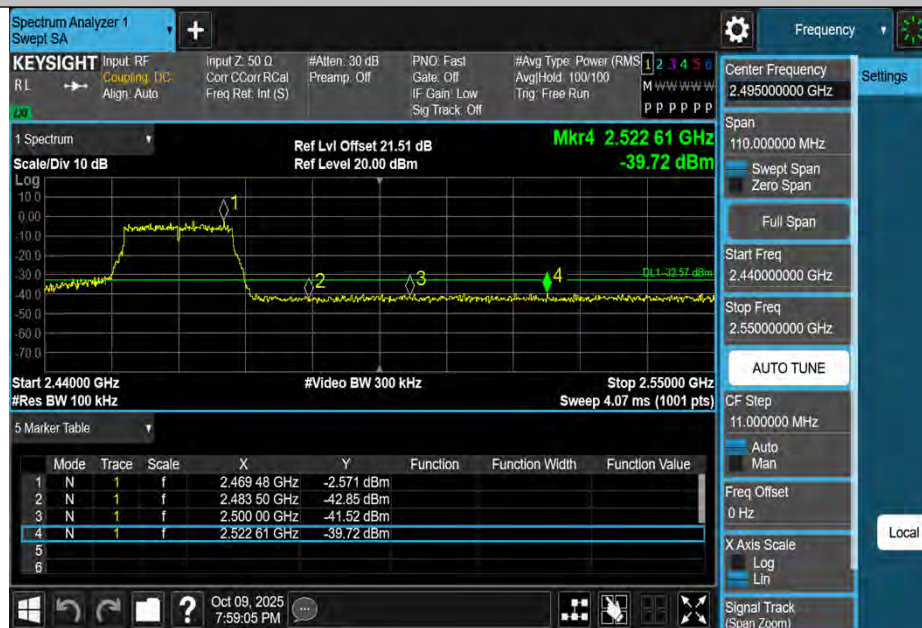
11N20MIMO-Ant1-2412-PASS



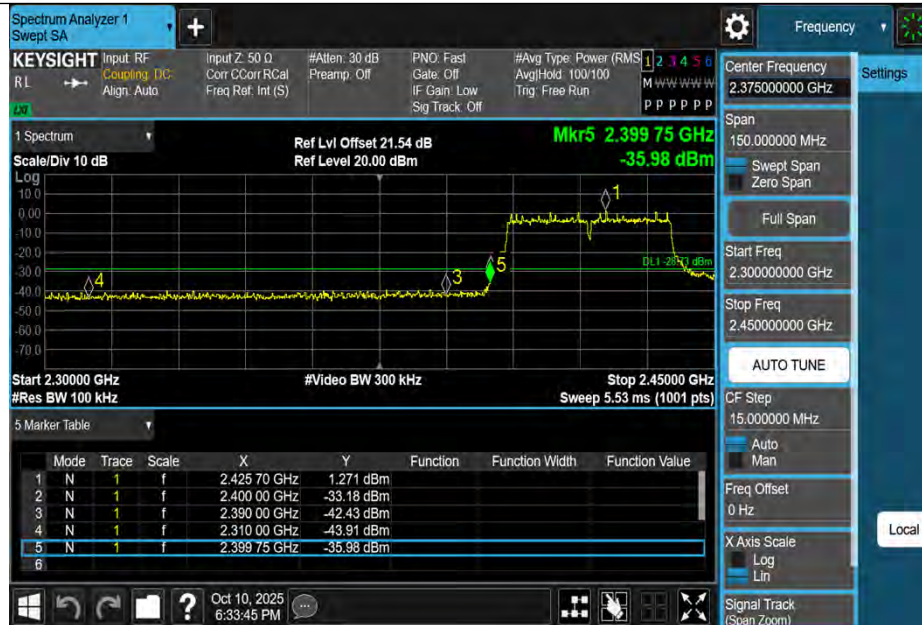
11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS



11N40MIMO-Ant1-2422-PASS



11N40MIMO-Ant2-2422-PASS



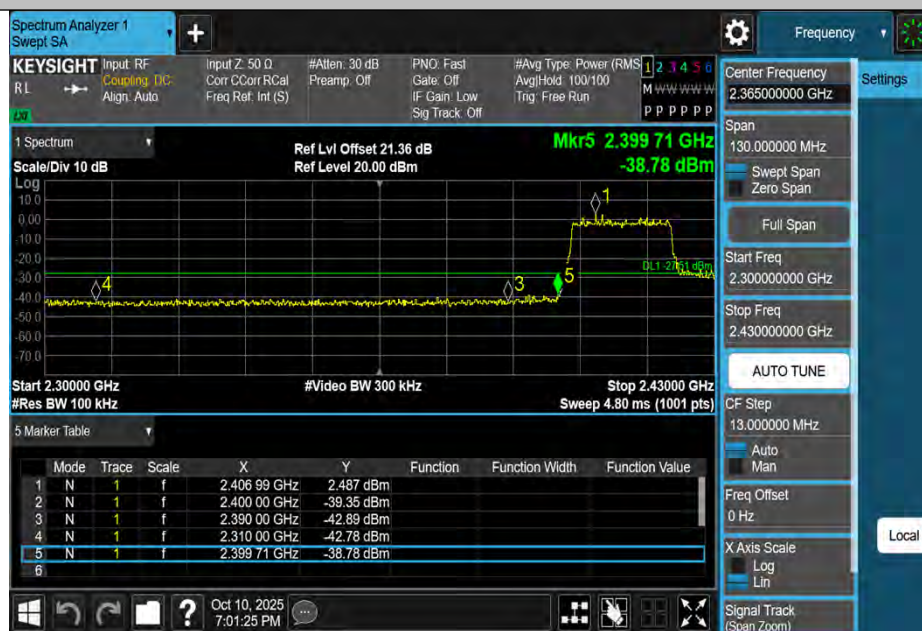
11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



11AX20MIMO-Ant1-2412-PASS



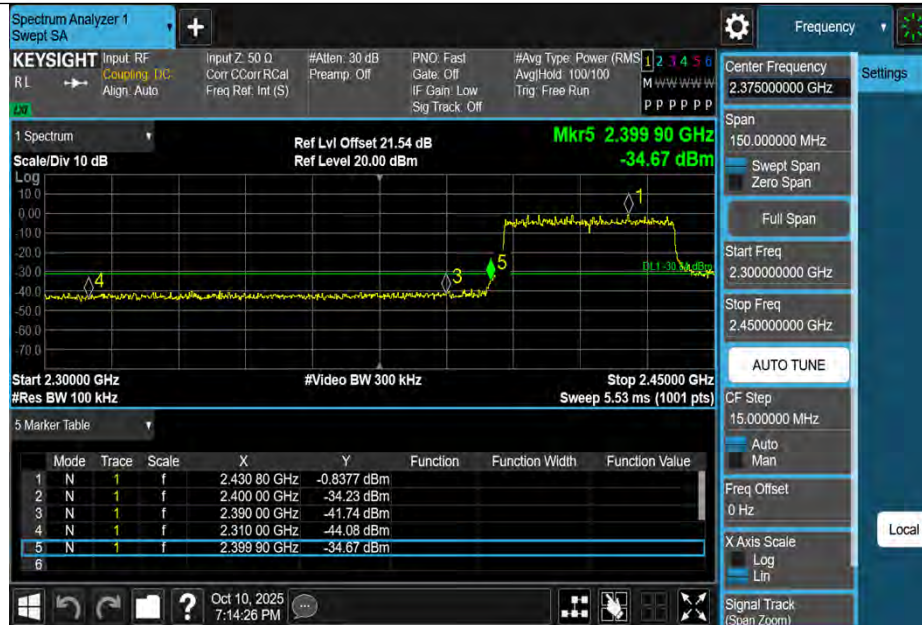
11AX20MIMO-Ant2-2412-PASS



11AX20MIMO-Ant1-2462-PASS



11AX20MIMO-Ant2-2462-PASS



11AX40MIMO-Ant1-2422-PASS



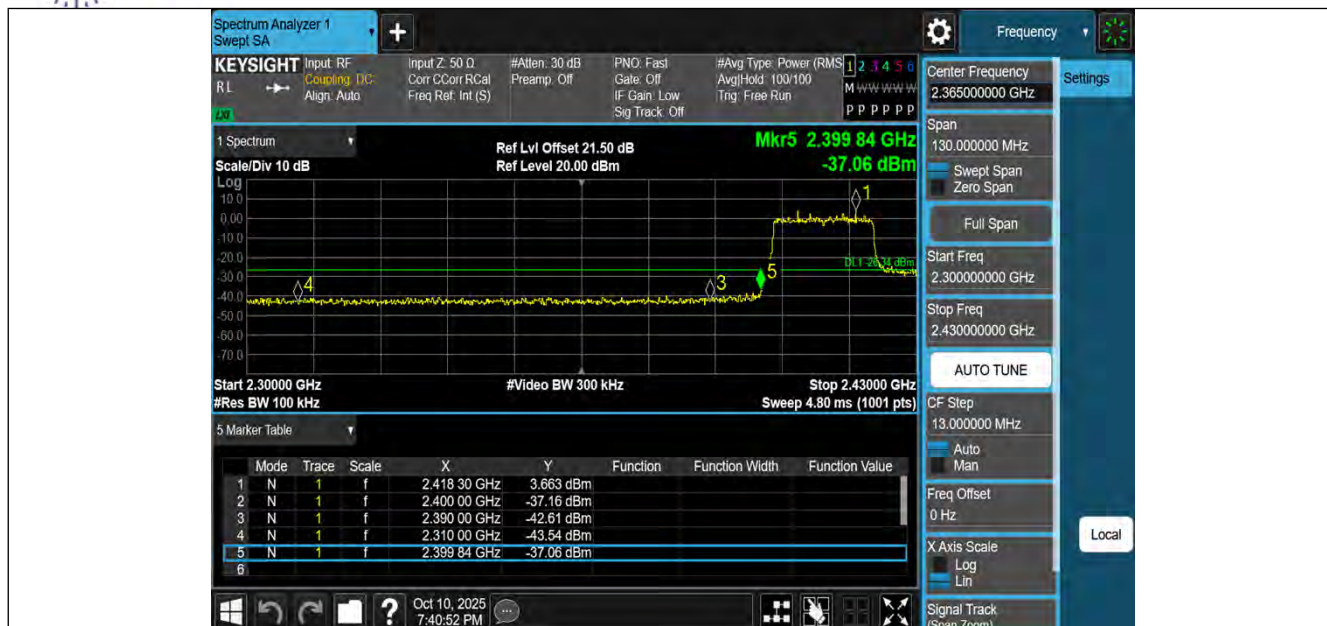
11AX40MIMO-Ant2-2422-PASS



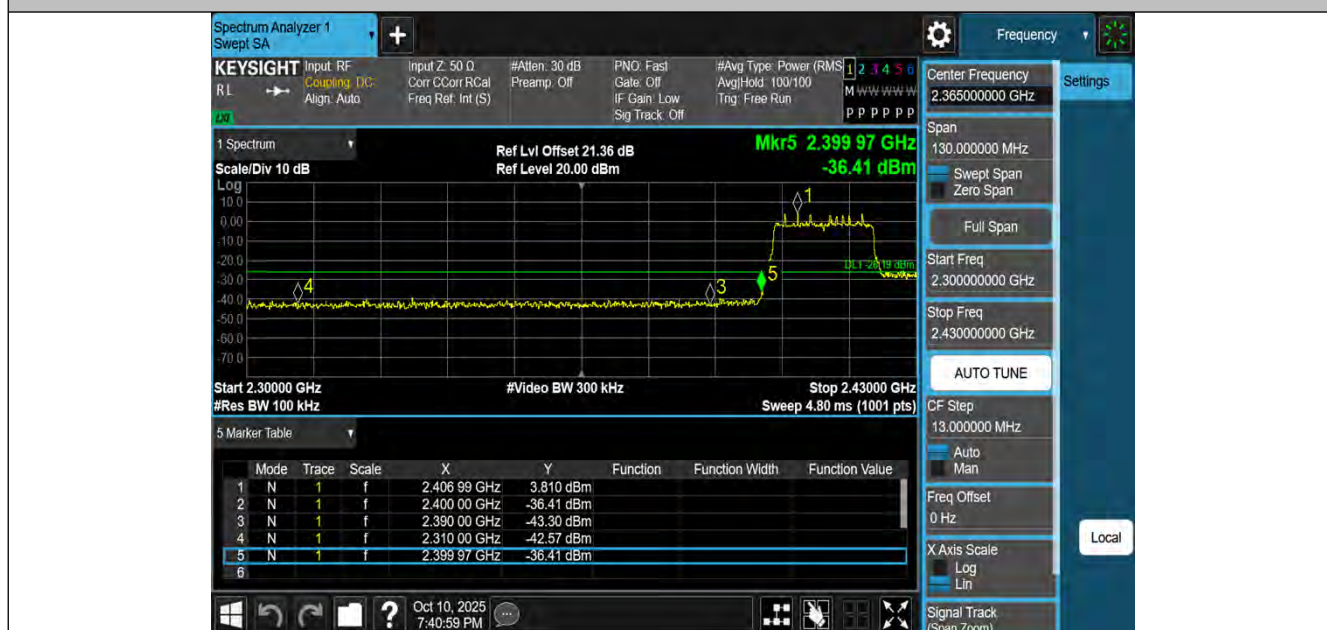
11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS



11BE20MIMO-Ant1-2412-PASS



11BE20MIMO-Ant2-2412-PASS



11BE20MIMO-Ant1-2462-PASS



11BE20MIMO-Ant2-2462-PASS



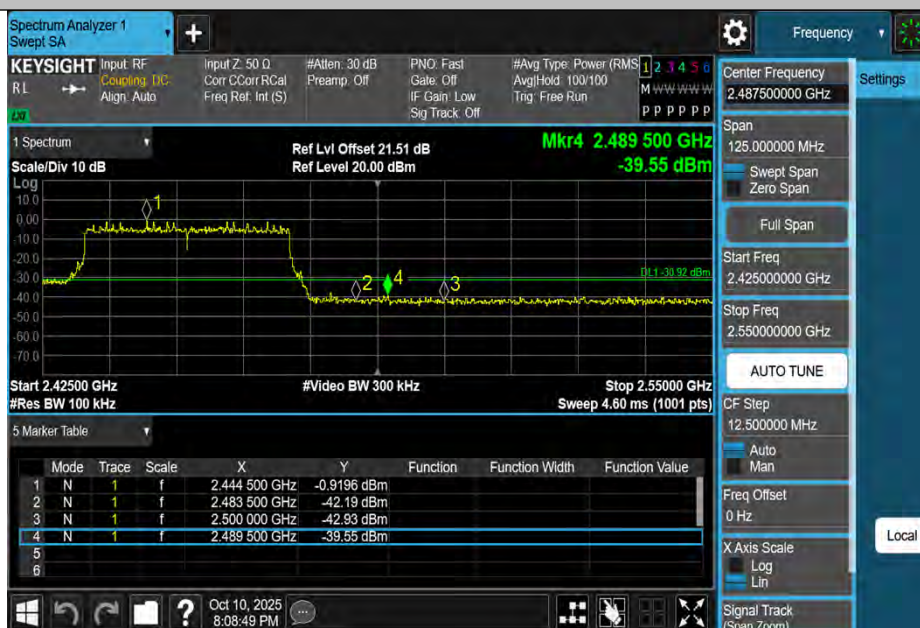
11BE40MIMO-Ant1-2422-PASS



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

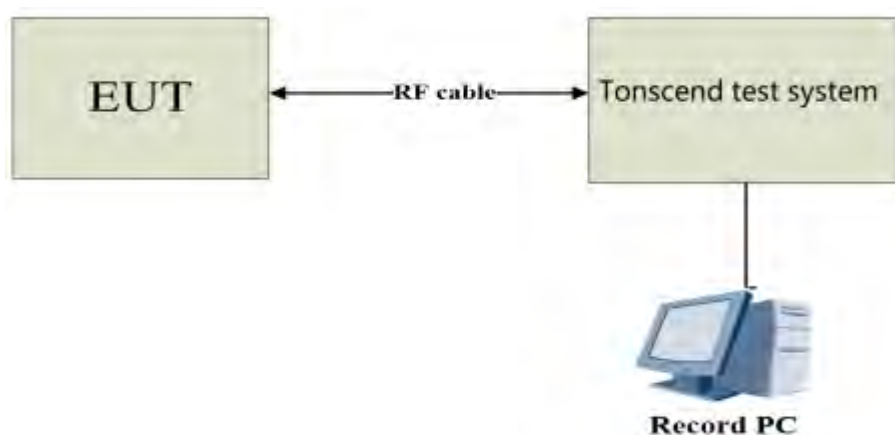
Centre Frequency	The centre frequency of the channel under test
RBW	100kHz
VBW	300kHz
Frequency span	2x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

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



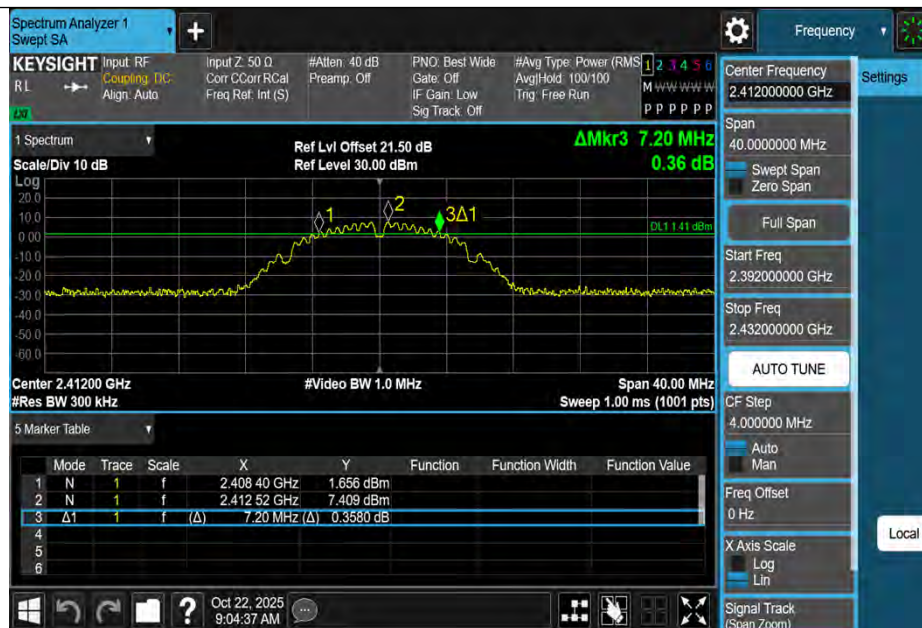
3.4.4 Test Result

DTS Bandwidth

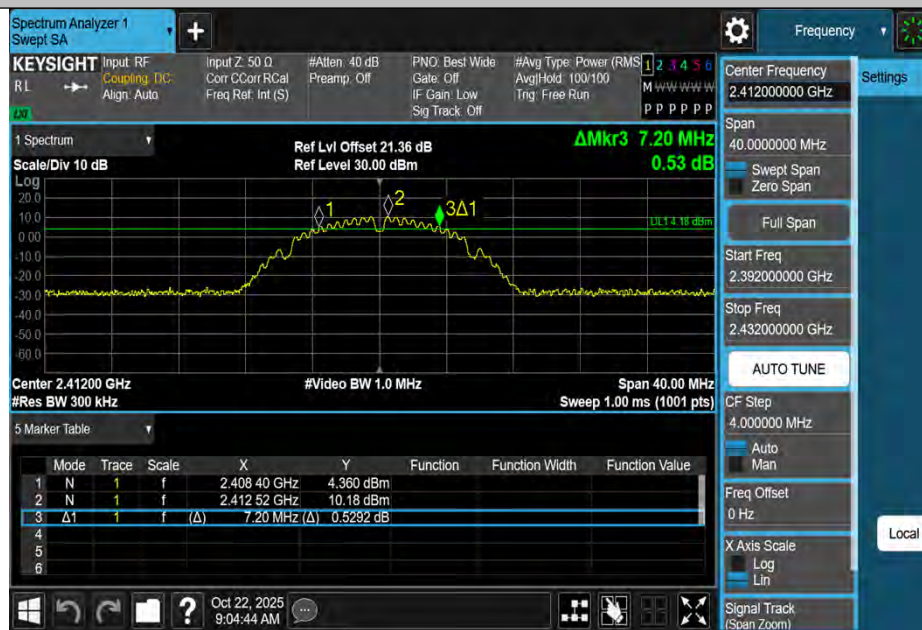
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.200	2408.400	2415.600	0.5	PASS
11B	Ant2	2412	7.200	2408.400	2415.600	0.5	PASS
11B	Ant1	2437	7.200	2433.400	2440.600	0.5	PASS
11B	Ant2	2437	7.200	2433.400	2440.600	0.5	PASS
11B	Ant1	2462	7.200	2458.400	2465.600	0.5	PASS
11B	Ant2	2462	7.160	2458.440	2465.600	0.5	PASS
11G	Ant1	2412	16.440	2403.800	2420.240	0.5	PASS
11G	Ant2	2412	16.480	2403.760	2420.240	0.5	PASS
11G	Ant1	2437	16.440	2428.760	2445.200	0.5	PASS
11G	Ant2	2437	16.480	2428.760	2445.240	0.5	PASS
11G	Ant1	2462	16.480	2453.760	2470.240	0.5	PASS
11G	Ant2	2462	16.400	2453.840	2470.240	0.5	PASS
11N20MIMO	Ant1	2412	17.680	2403.160	2420.840	0.5	PASS
11N20MIMO	Ant2	2412	17.680	2403.160	2420.840	0.5	PASS
11N20MIMO	Ant1	2437	17.720	2428.160	2445.880	0.5	PASS
11N20MIMO	Ant2	2437	17.680	2428.160	2445.840	0.5	PASS
11N20MIMO	Ant1	2462	17.640	2453.200	2470.840	0.5	PASS
11N20MIMO	Ant2	2462	17.720	2453.160	2470.880	0.5	PASS
11N40MIMO	Ant1	2422	36.320	2403.840	2440.160	0.5	PASS
11N40MIMO	Ant2	2422	36.400	2403.840	2440.240	0.5	PASS
11N40MIMO	Ant1	2437	36.320	2418.840	2455.160	0.5	PASS
11N40MIMO	Ant2	2437	36.320	2418.840	2455.160	0.5	PASS
11N40MIMO	Ant1	2452	36.640	2433.760	2470.400	0.5	PASS
11N40MIMO	Ant2	2452	36.320	2433.840	2470.160	0.5	PASS
11AX20MIMO	Ant1	2412	19.000	2402.480	2421.480	0.5	PASS
11AX20MIMO	Ant2	2412	18.920	2402.560	2421.480	0.5	PASS
11AX20MIMO	Ant1	2437	19.080	2427.440	2446.520	0.5	PASS
11AX20MIMO	Ant2	2437	19.040	2427.480	2446.520	0.5	PASS
11AX20MIMO	Ant1	2462	18.840	2452.600	2471.440	0.5	PASS
11AX20MIMO	Ant2	2462	19.000	2452.560	2471.560	0.5	PASS
11AX40MIMO	Ant1	2422	37.840	2403.040	2440.880	0.5	PASS
11AX40MIMO	Ant2	2422	37.840	2403.120	2440.960	0.5	PASS
11AX40MIMO	Ant1	2437	38.000	2417.960	2455.960	0.5	PASS
11AX40MIMO	Ant2	2437	37.600	2418.280	2455.880	0.5	PASS
11AX40MIMO	Ant1	2452	37.680	2433.280	2470.960	0.5	PASS
11AX40MIMO	Ant2	2452	38.240	2432.880	2471.120	0.5	PASS
11BE20MIMO	Ant1	2412	18.760	2402.560	2421.320	0.5	PASS
11BE20MIMO	Ant2	2412	18.600	2402.880	2421.480	0.5	PASS

11BE20MIMO	Ant1	2437	18.920	2427.520	2446.440	0.5	PASS
11BE20MIMO	Ant2	2437	18.840	2427.640	2446.480	0.5	PASS
11BE20MIMO	Ant1	2462	18.720	2452.760	2471.480	0.5	PASS
11BE20MIMO	Ant2	2462	18.000	2453.160	2471.160	0.5	PASS
11BE40MIMO	Ant1	2422	37.680	2403.200	2440.880	0.5	PASS
11BE40MIMO	Ant2	2422	37.200	2403.600	2440.800	0.5	PASS
11BE40MIMO	Ant1	2437	37.600	2418.200	2455.800	0.5	PASS
11BE40MIMO	Ant2	2437	37.680	2418.200	2455.880	0.5	PASS
11BE40MIMO	Ant1	2452	37.760	2433.200	2470.960	0.5	PASS
11BE40MIMO	Ant2	2452	37.360	2433.440	2470.800	0.5	PASS

Test Graphs



11B-Ant1-2412-PASS



11B-Ant2-2412-PASS



11B-Ant1-2437-PASS



11B-Ant2-2437-PASS



11B-Ant1-2462-PASS



11B-Ant2-2462-PASS



11G-Ant1-2412-PASS



11G-Ant2-2412-PASS



11G-Ant1-2437-PASS



11G-Ant2-2437-PASS



11G-Ant1-2462-PASS



11G-Ant2-2462-PASS



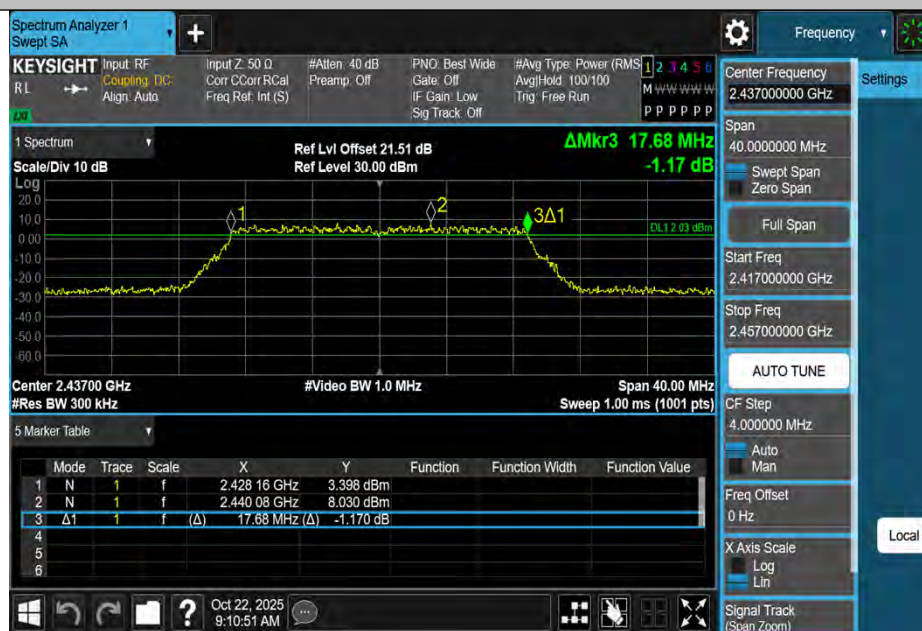
11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2437-PASS



11N20MIMO-Ant2-2437-PASS



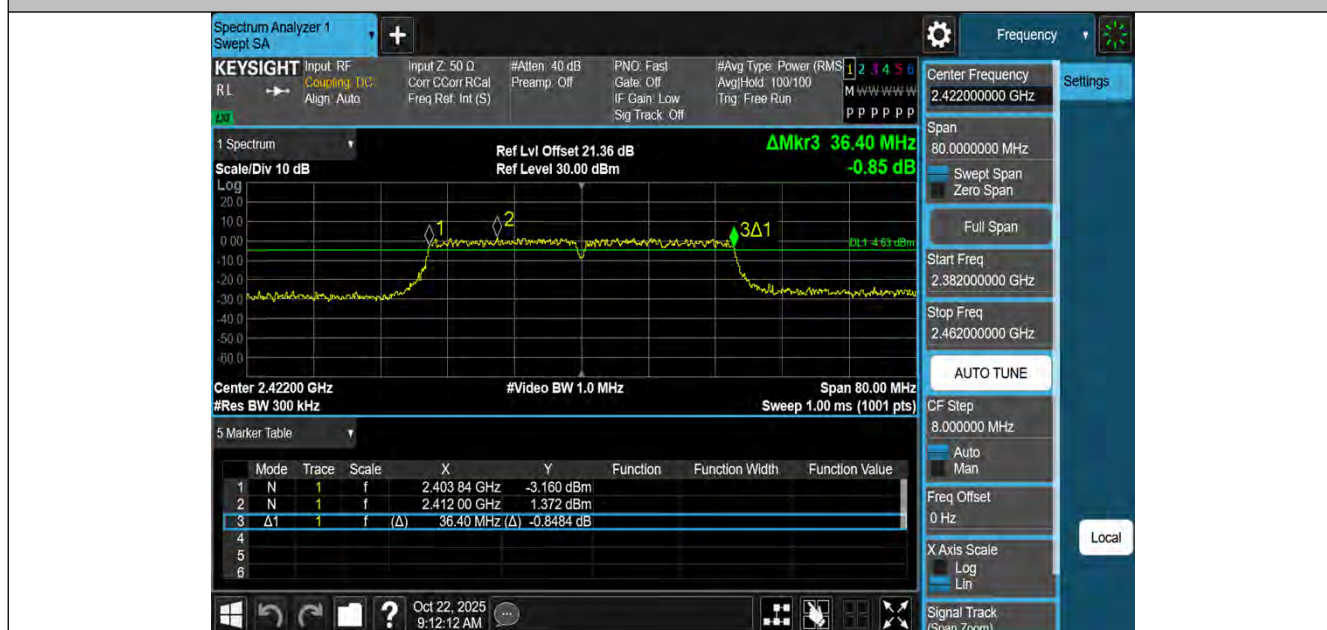
11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS



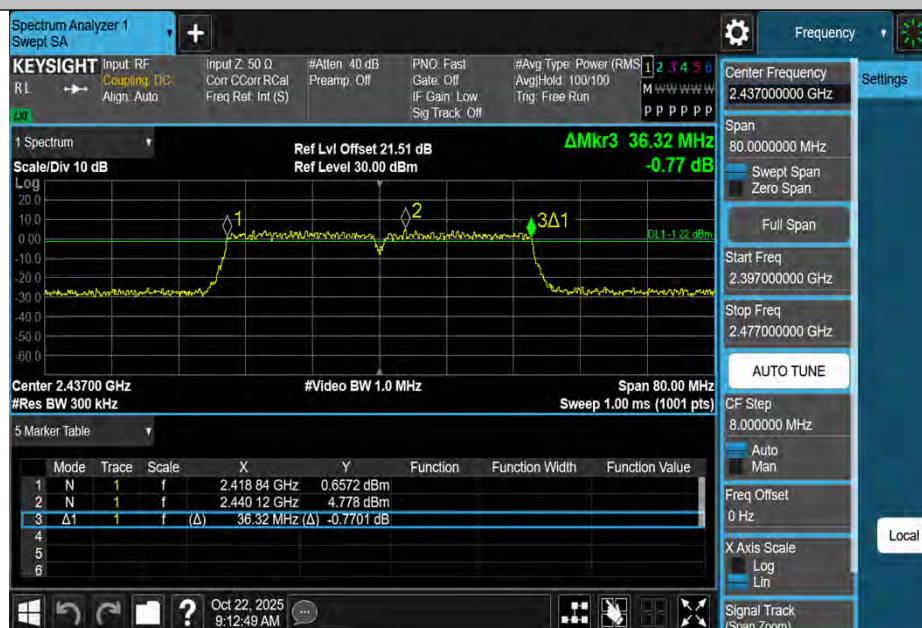
11N40MIMO-Ant1-2422-PASS



11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2437-PASS



11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



11AX20MIMO-Ant1-2412-PASS



11AX20MIMO-Ant2-2412-PASS



11AX20MIMO-Ant1-2437-PASS



11AX20MIMO-Ant2-2437-PASS



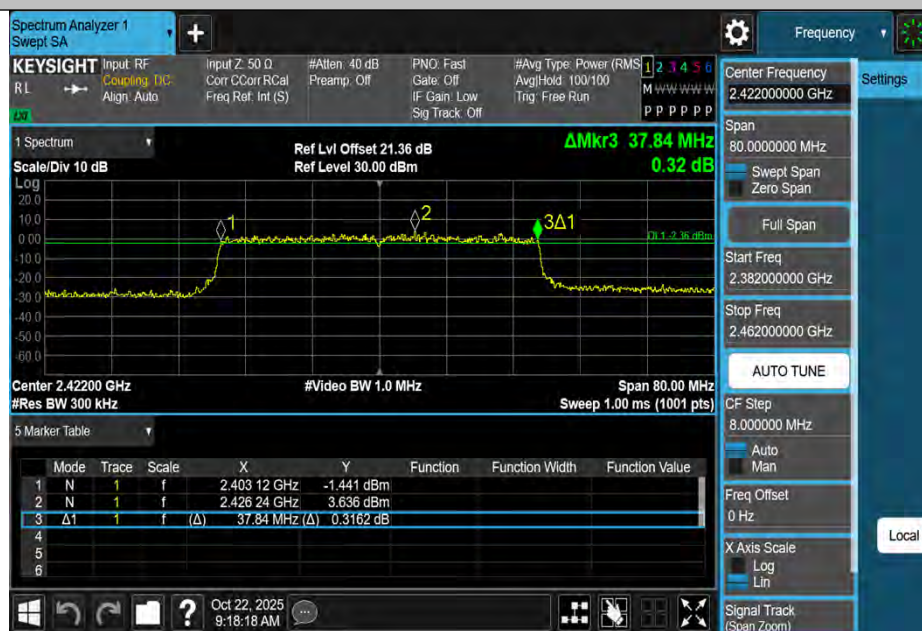
11AX20MIMO-Ant1-2462-PASS



11AX20MIMO-Ant2-2462-PASS



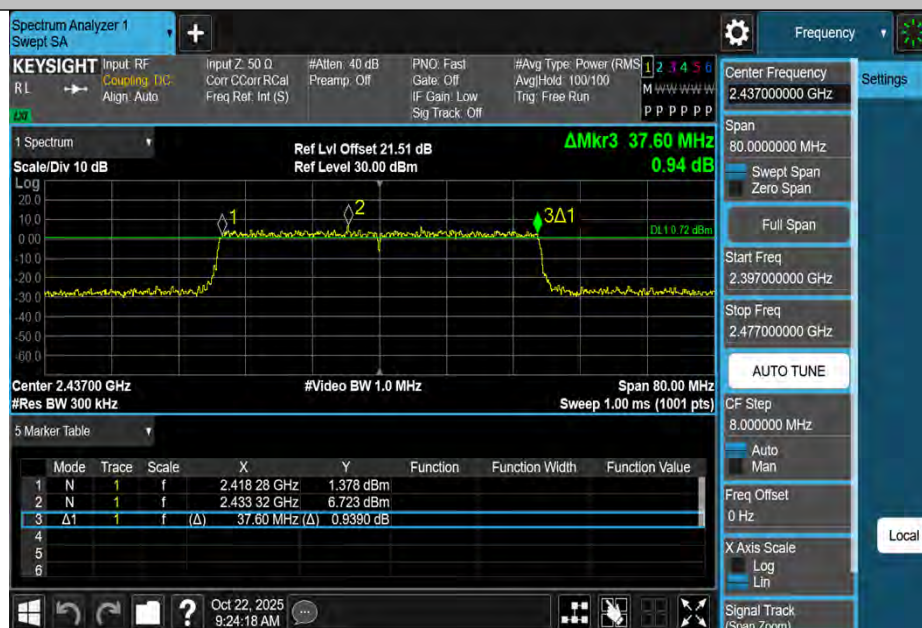
11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2437-PASS



11AX40MIMO-Ant2-2437-PASS