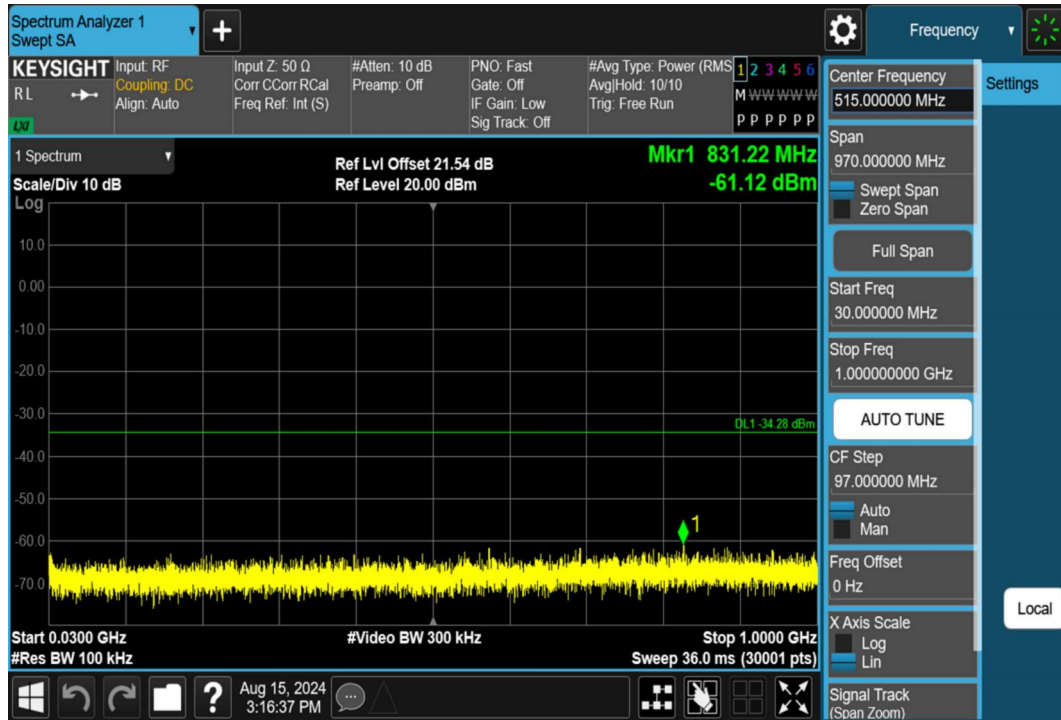




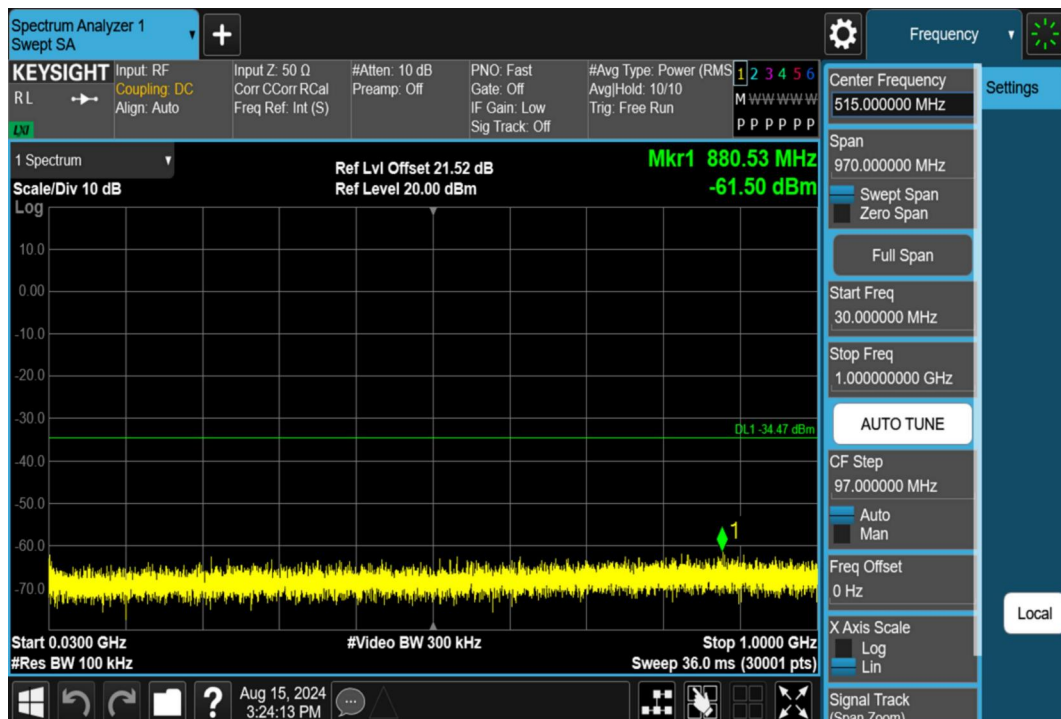
11N40SISO-Ant1-2422-30~1000-PASS



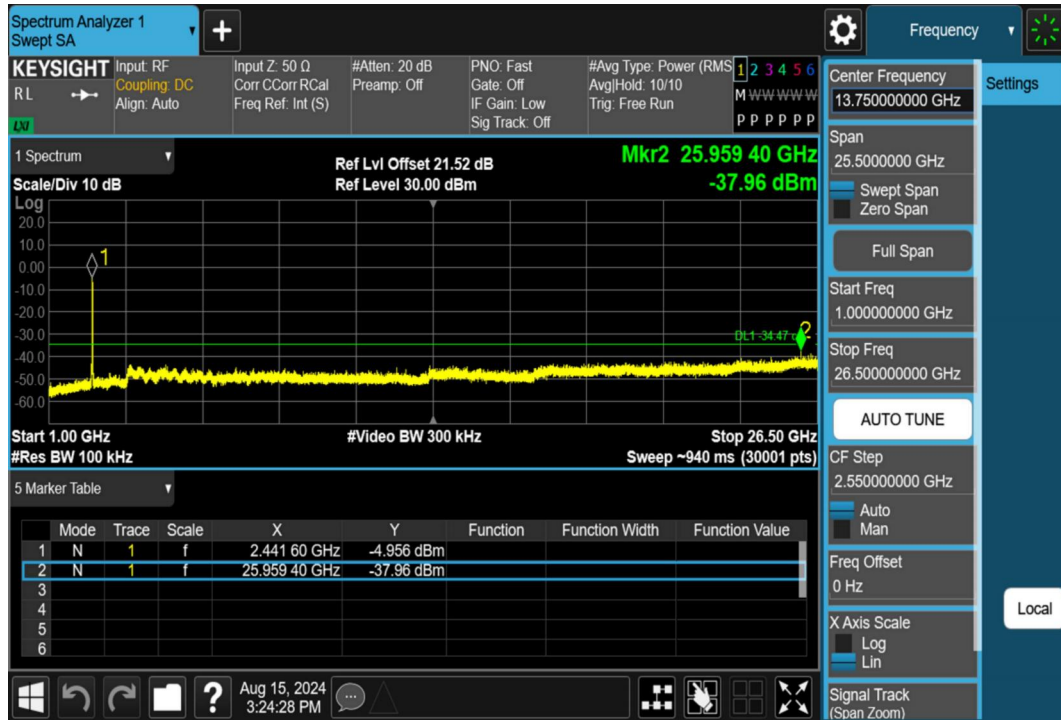
11N40SISO-Ant1-2422-1000~26500-PASS



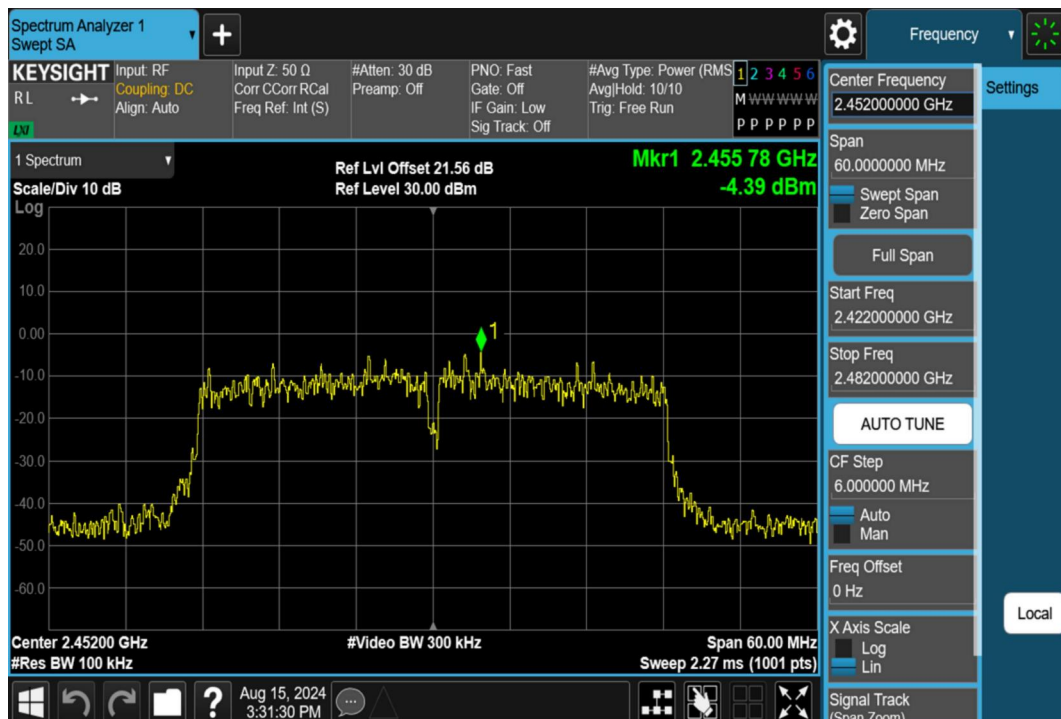
11N40SISO-Ant1-2437-0~Reference-PASS



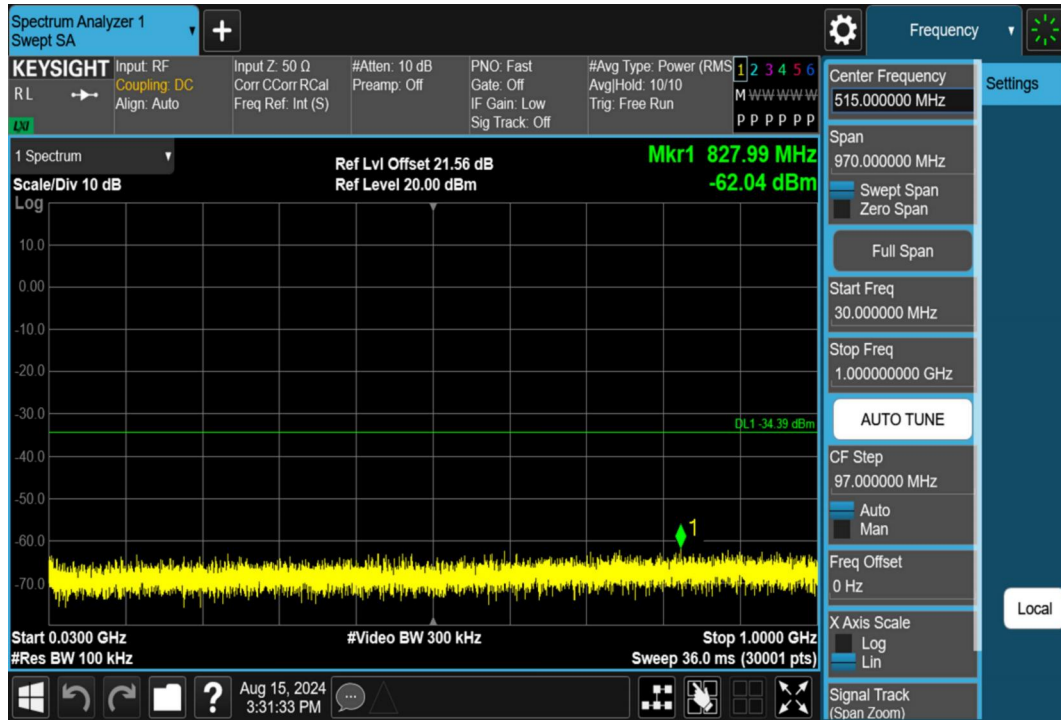
11N40SISO-Ant1-2437-30~1000-PASS



11N40SISO-Ant1-2437-1000~26500-PASS



11N40SISO-Ant1-2452-0~Reference-PASS

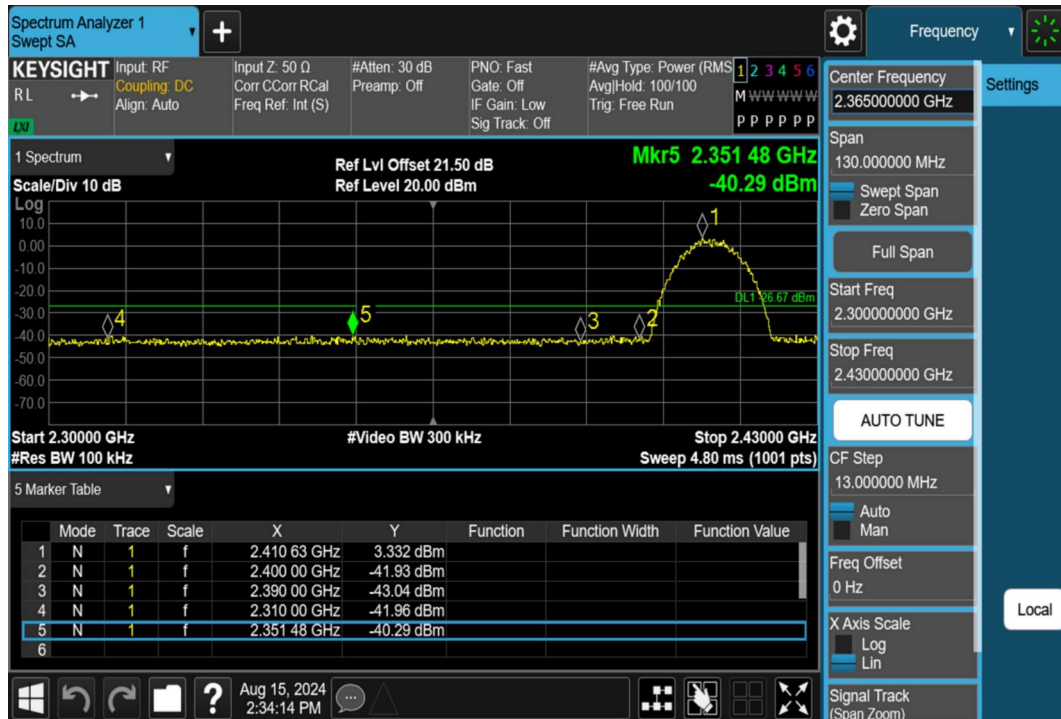


11N40SISO-Ant1-2452-30~1000-PASS



11N40SISO-Ant1-2452-1000~26500-PASS

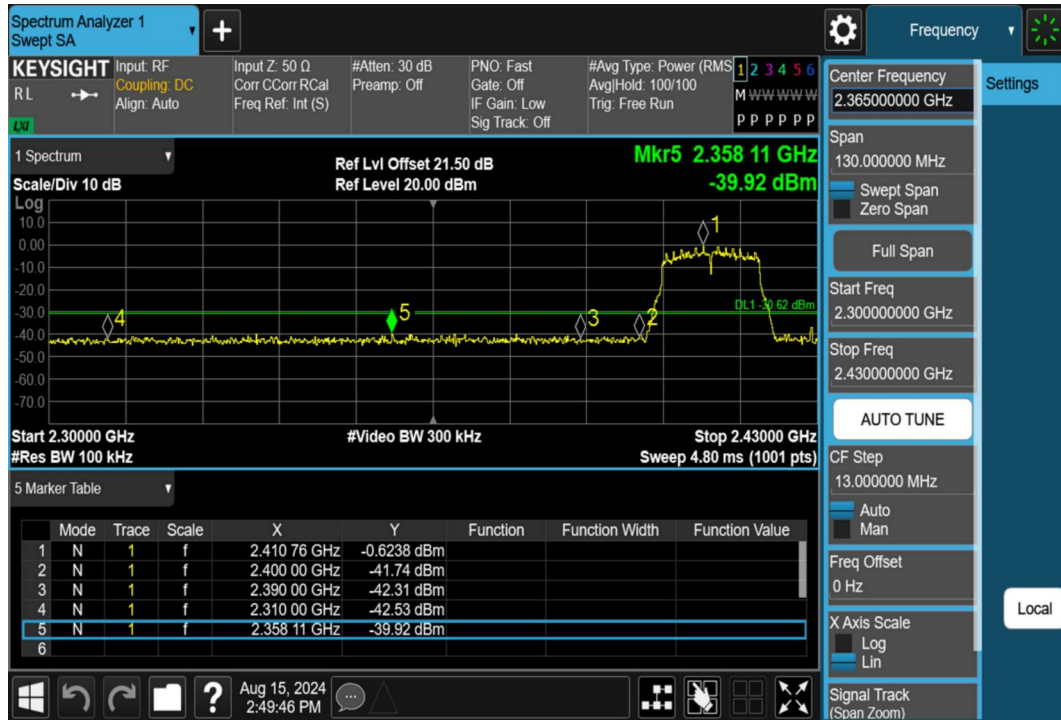
Band edge



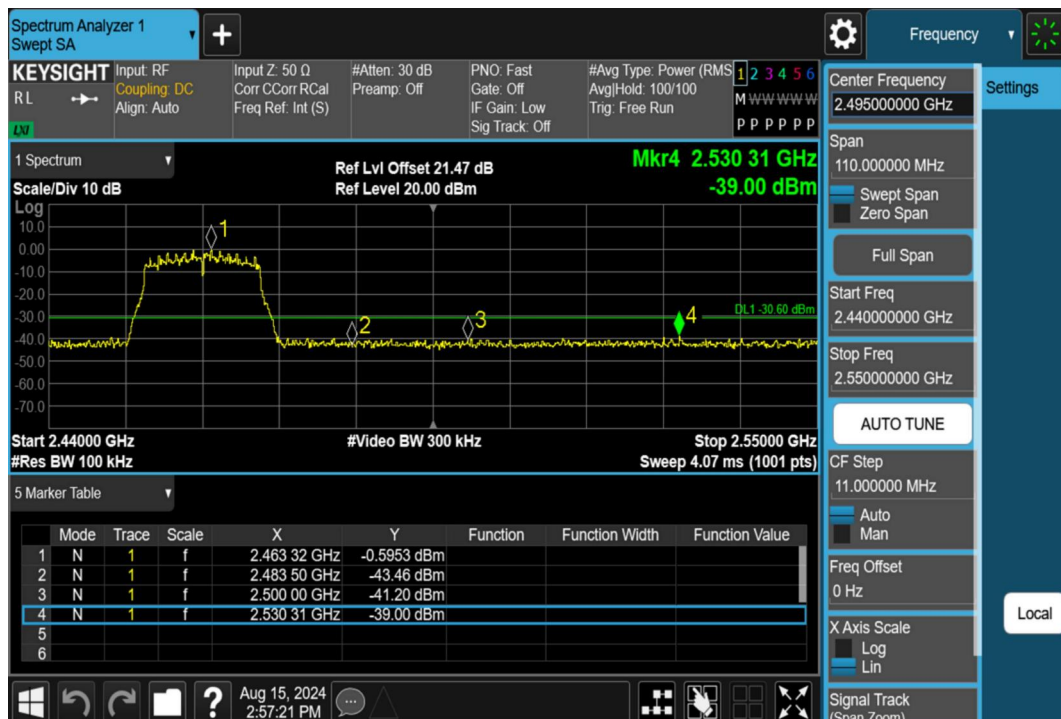
11B-Ant1-2412-PASS



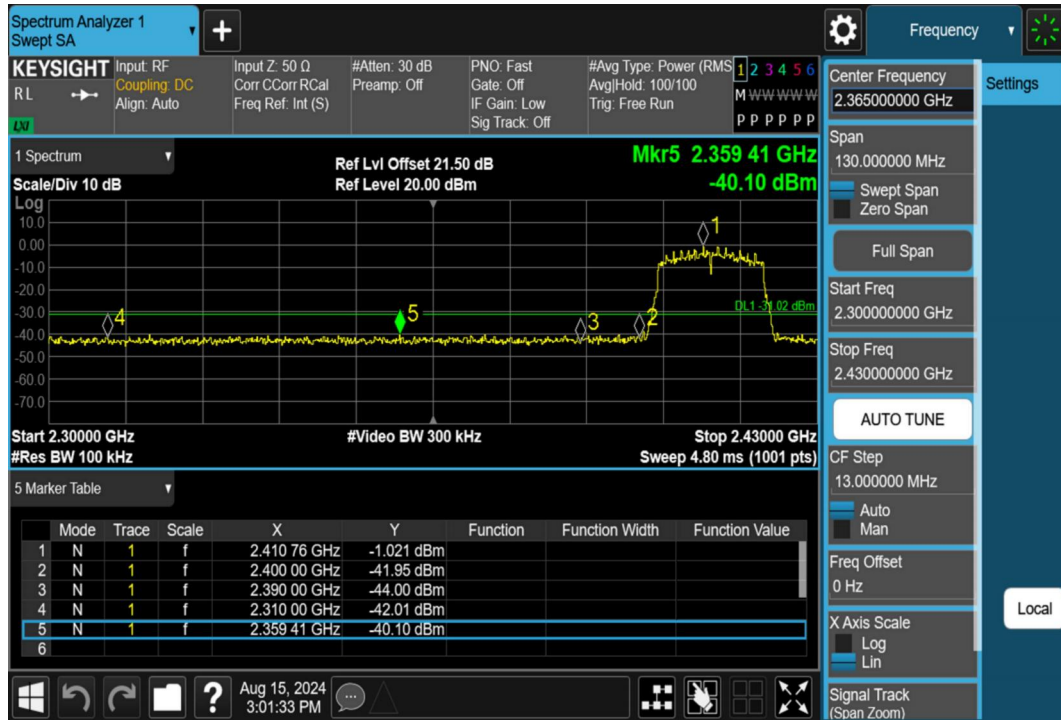
11B-Ant1-2462-PASS



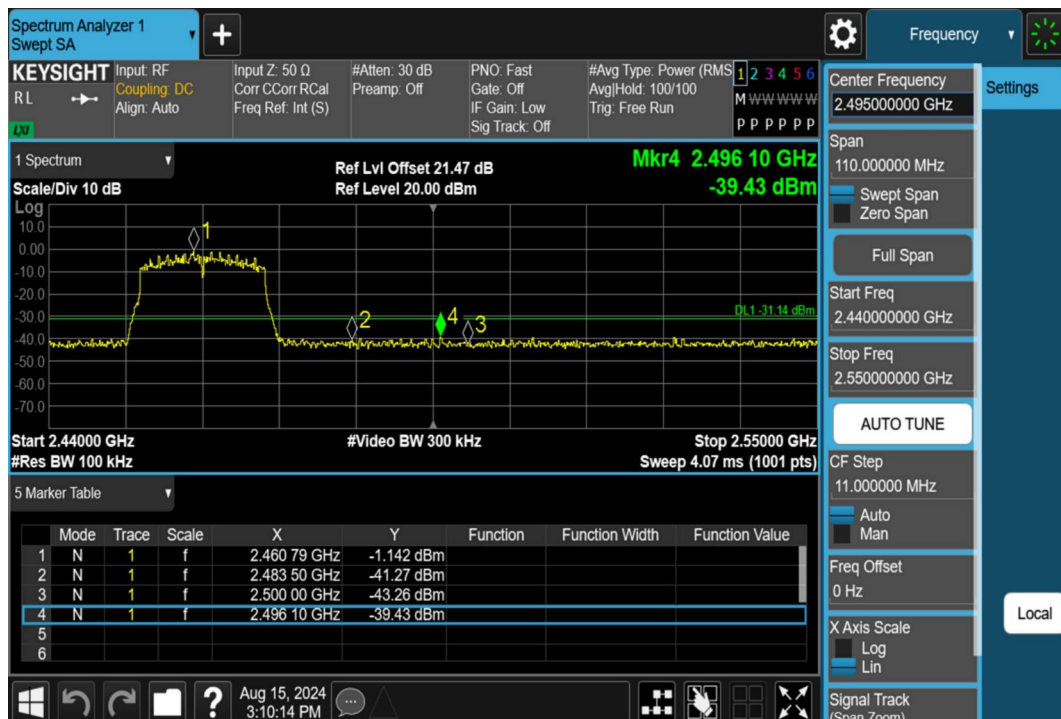
11G-Ant1-2412-PASS



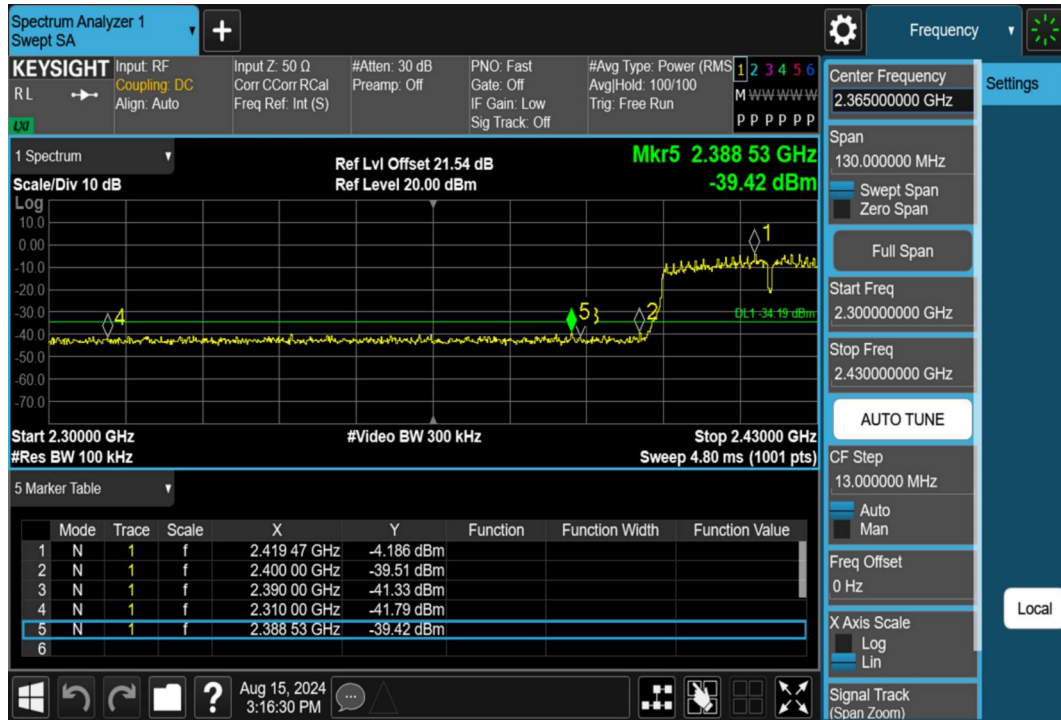
11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-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:

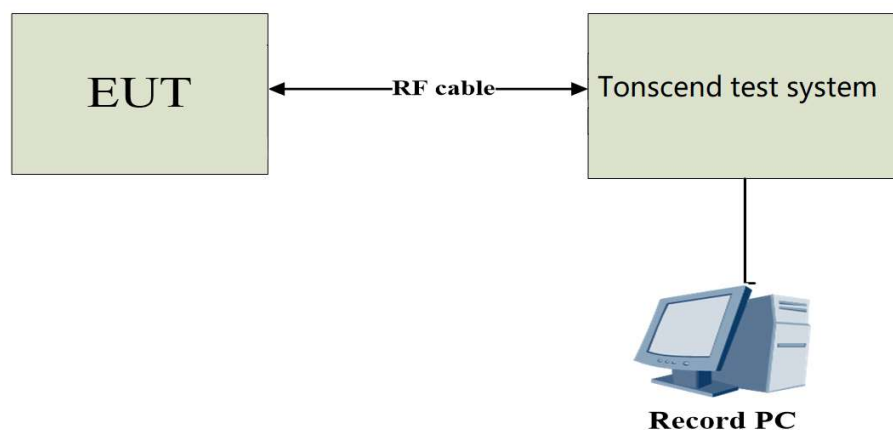
Centre Frequency	The centre frequency of the channel under test
RBW	100kHz
VBW	300kHz
Frequency span	2x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

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.

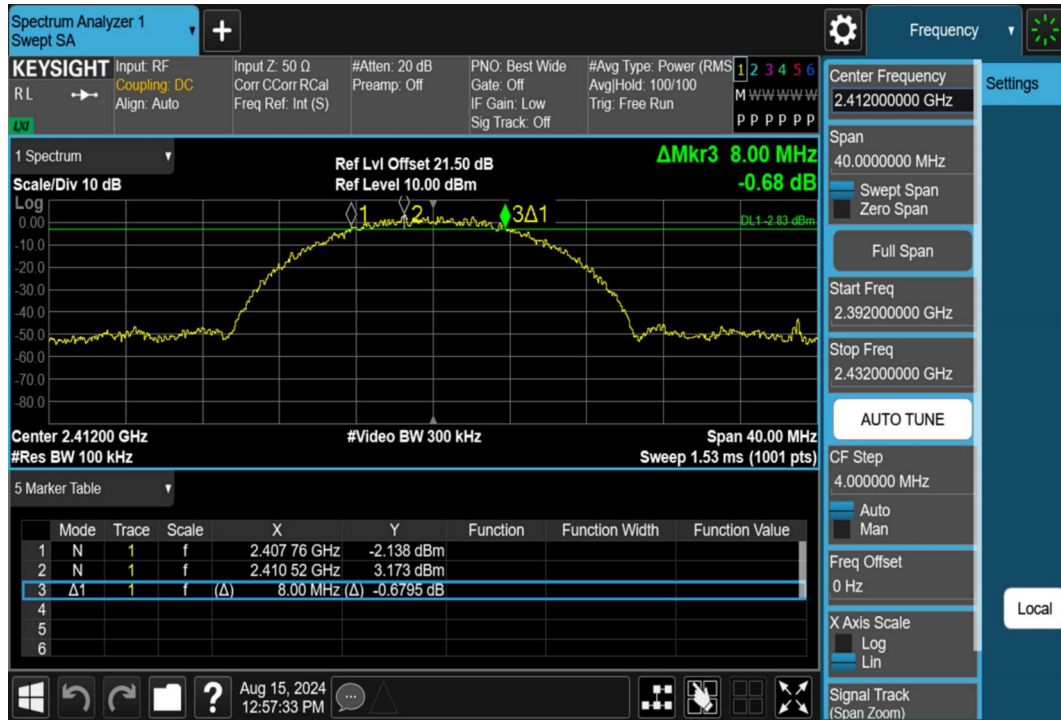
3.4.3 Test Setup



3.4.4 Test Result

DTS Bandwidth

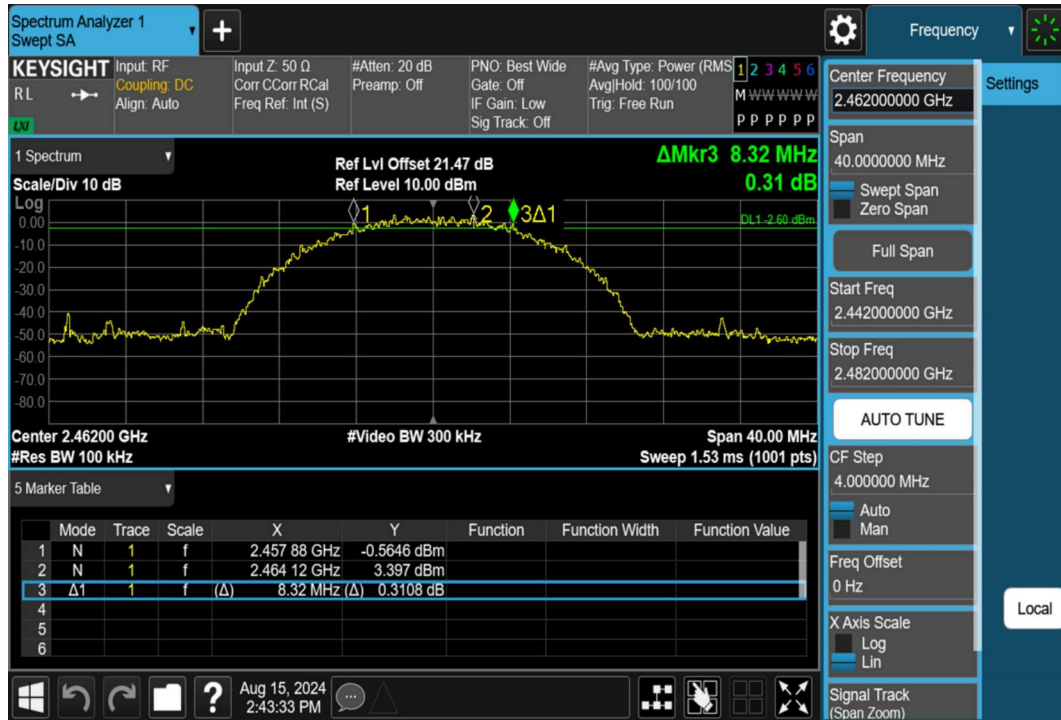
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.000	2407.760	2415.760	0.5	PASS
		2437	8.160	2432.920	2441.080	0.5	PASS
		2462	8.320	2457.880	2466.200	0.5	PASS
11G	Ant1	2412	15.320	2404.560	2419.880	0.5	PASS
		2437	15.360	2429.480	2444.840	0.5	PASS
		2462	15.120	2454.480	2469.600	0.5	PASS
11N20SISO	Ant1	2412	15.960	2404.480	2420.440	0.5	PASS
		2437	15.120	2429.480	2444.600	0.5	PASS
		2462	16.920	2453.880	2470.800	0.5	PASS
11N40SISO	Ant1	2422	35.120	2404.480	2439.600	0.5	PASS
		2437	35.120	2419.480	2454.600	0.5	PASS
		2452	35.040	2434.560	2469.600	0.5	PASS



11B-Ant1-2412-PASS



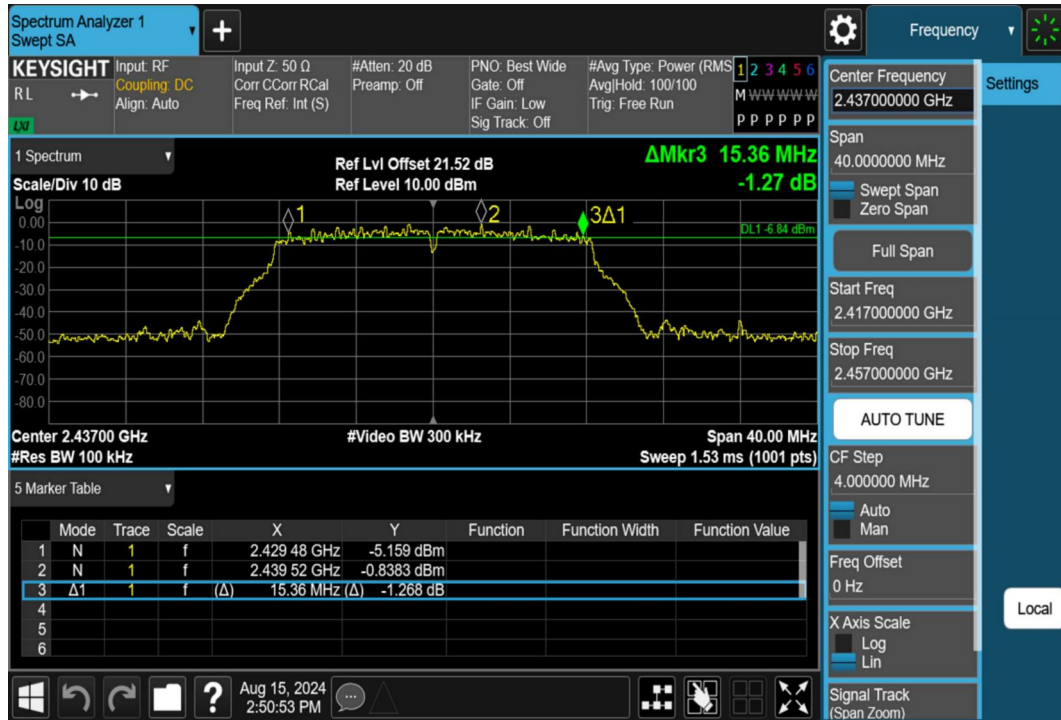
11B-Ant1-2437-PASS



11B-Ant1-2462-PASS



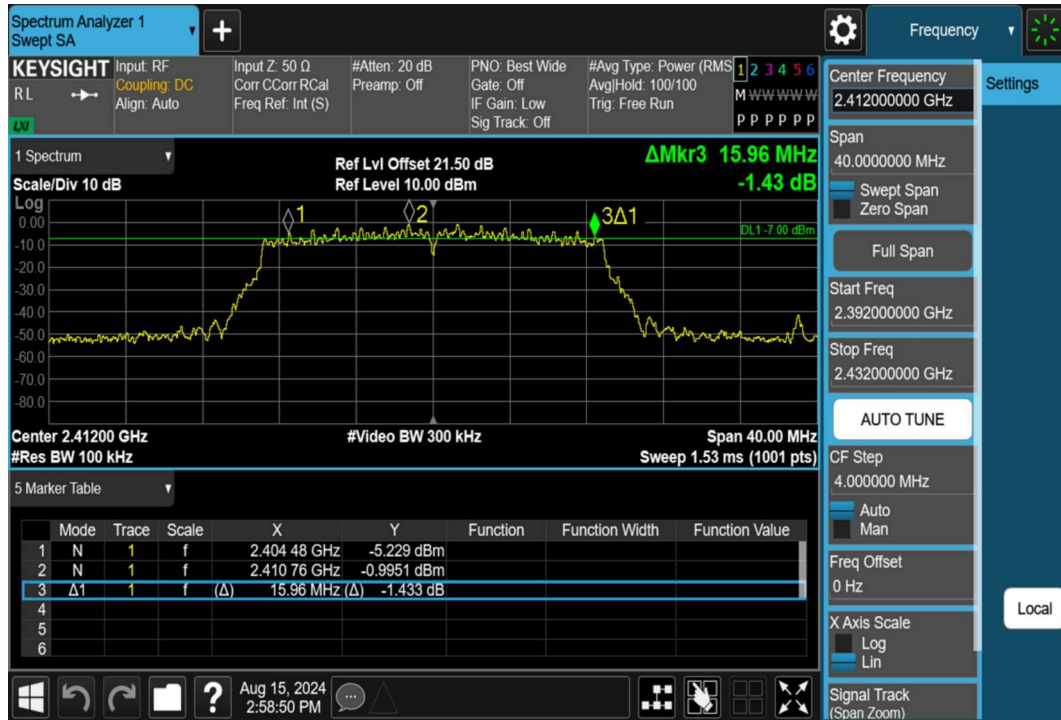
11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



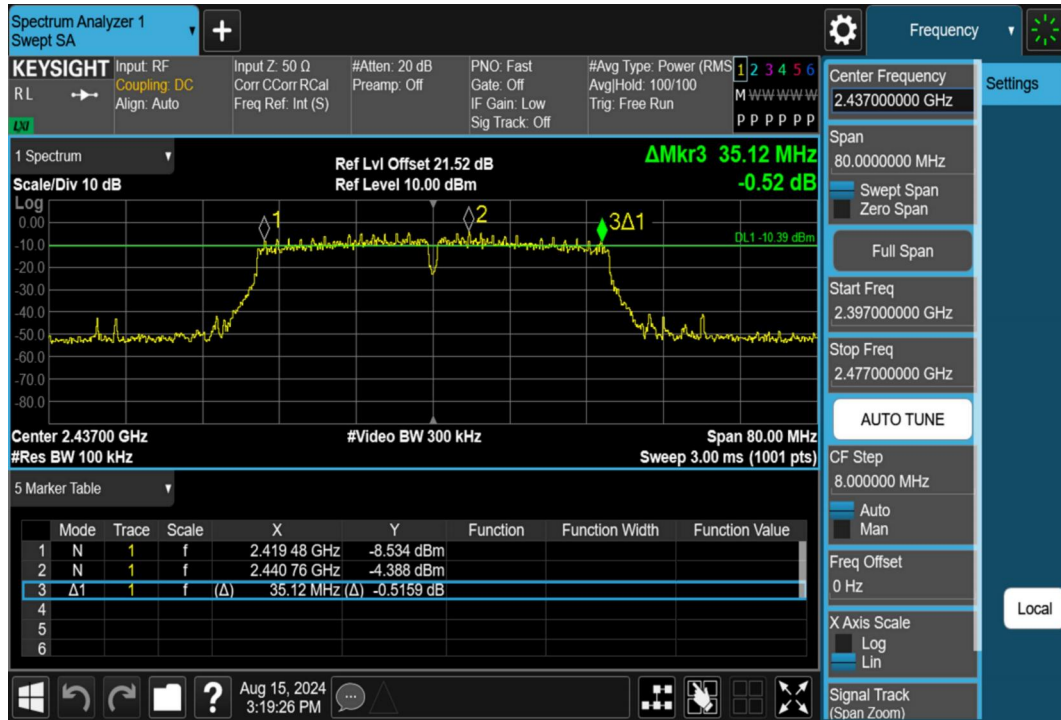
11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



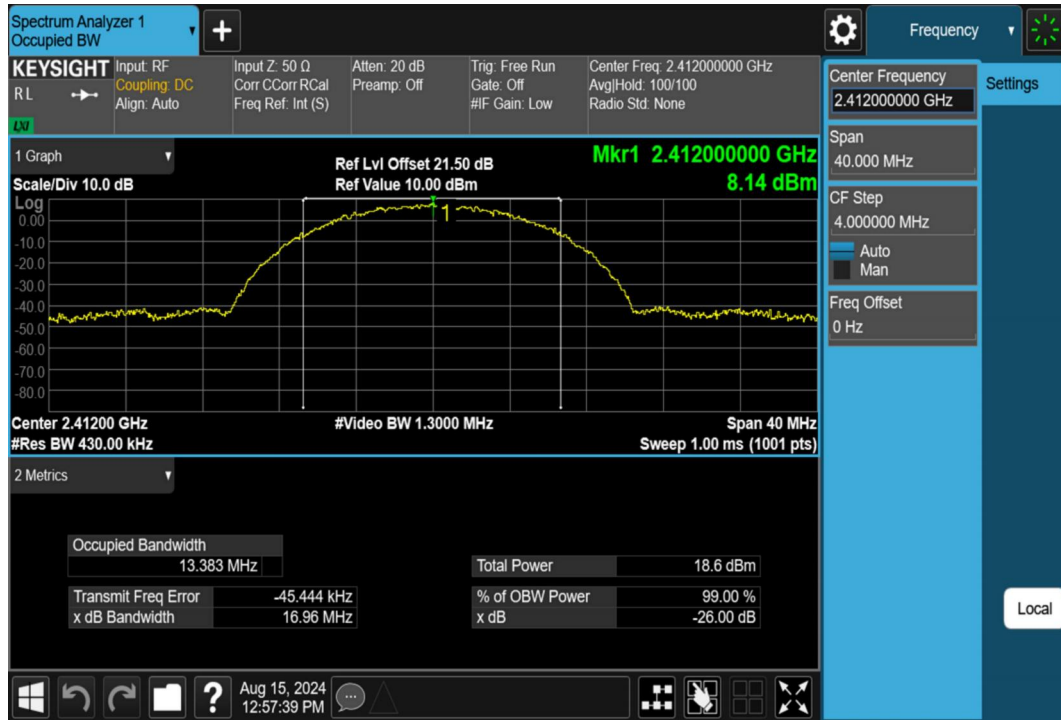
11N40SISO-Ant1-2437-PASS



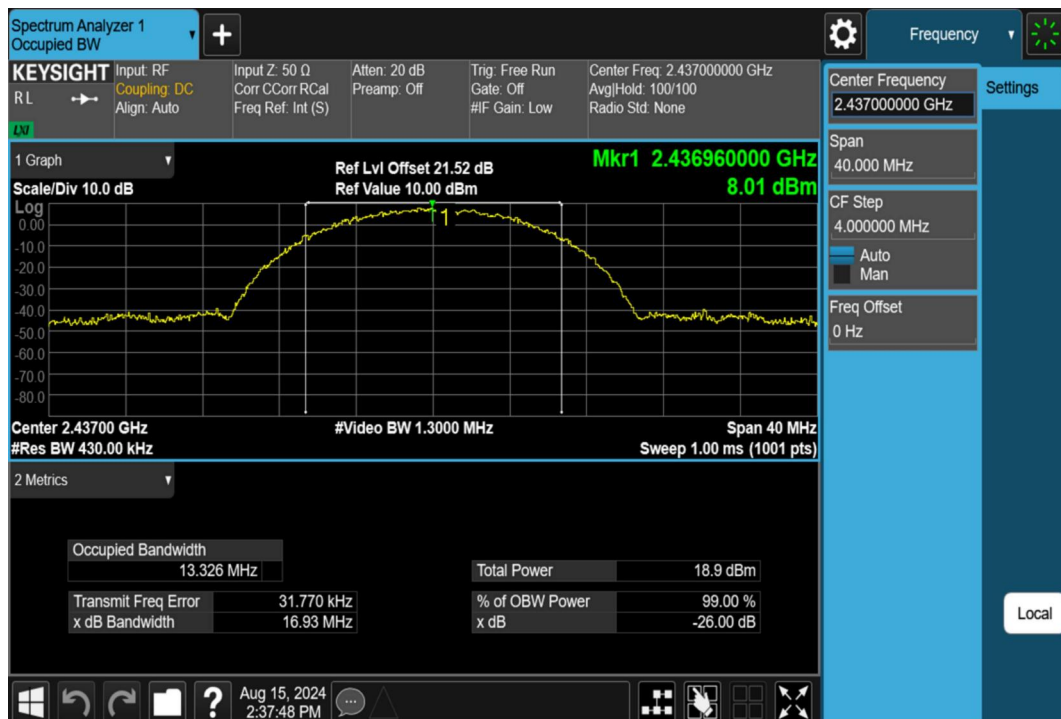
11N40SISO-Ant1-2452-PASS

Occupied Channel Bandwidth

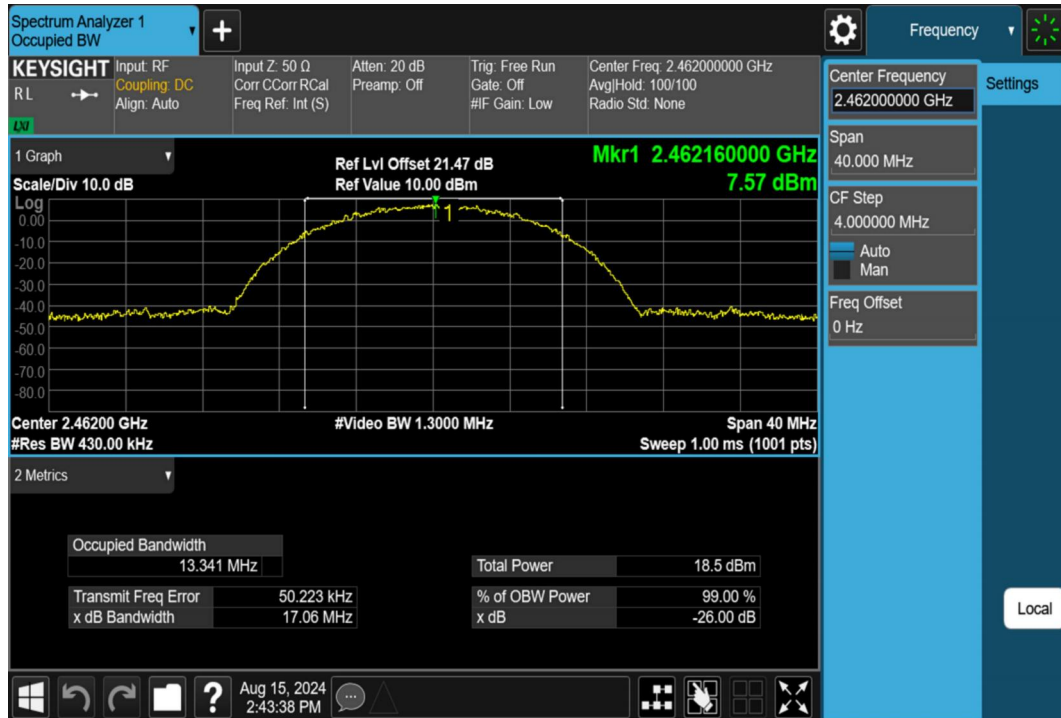
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.383	2405.2631	2418.6461	---	---
		2437	13.326	2430.3688	2443.6948	---	---
		2462	13.341	2455.3797	2468.7207	---	---
11G	Ant1	2412	16.711	2403.6804	2420.3914	---	---
		2437	16.658	2428.6813	2445.3393	---	---
		2462	16.713	2453.6471	2470.3601	---	---
11N20SISO	Ant1	2412	17.696	2403.1670	2420.8630	---	---
		2437	17.697	2428.1781	2445.8751	---	---
		2462	17.708	2453.1935	2470.9015	---	---
11N40SISO	Ant1	2422	36.080	2403.9808	2440.0608	---	---
		2437	36.026	2418.9922	2455.0182	---	---
		2452	36.126	2433.9294	2470.0554	---	---



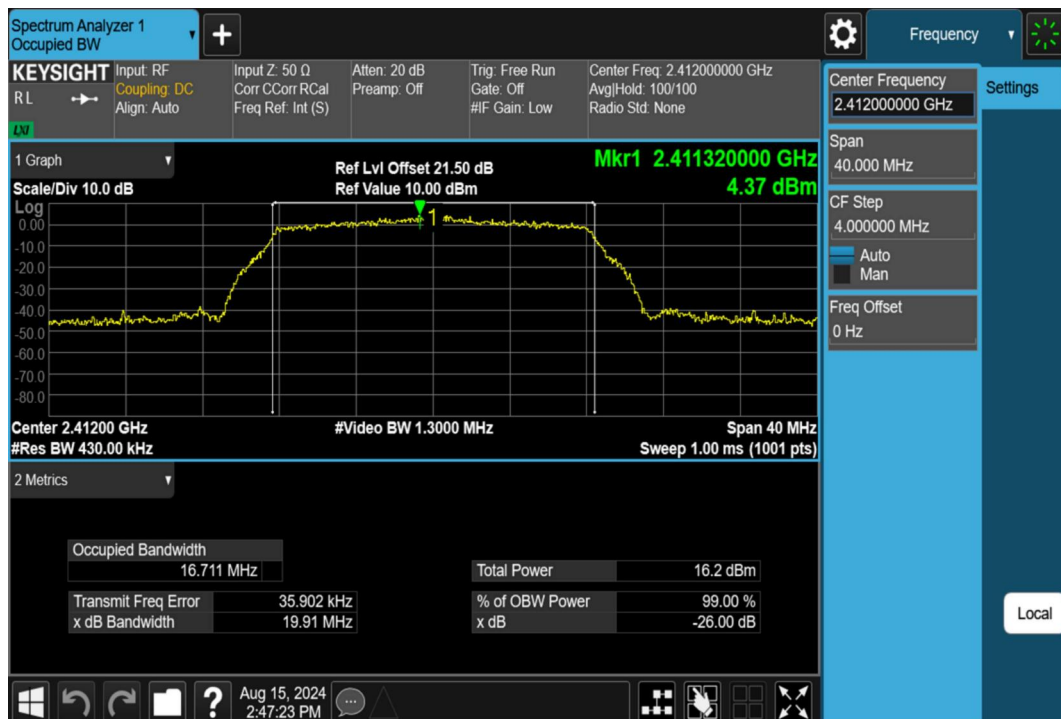
11B-Ant1-2412



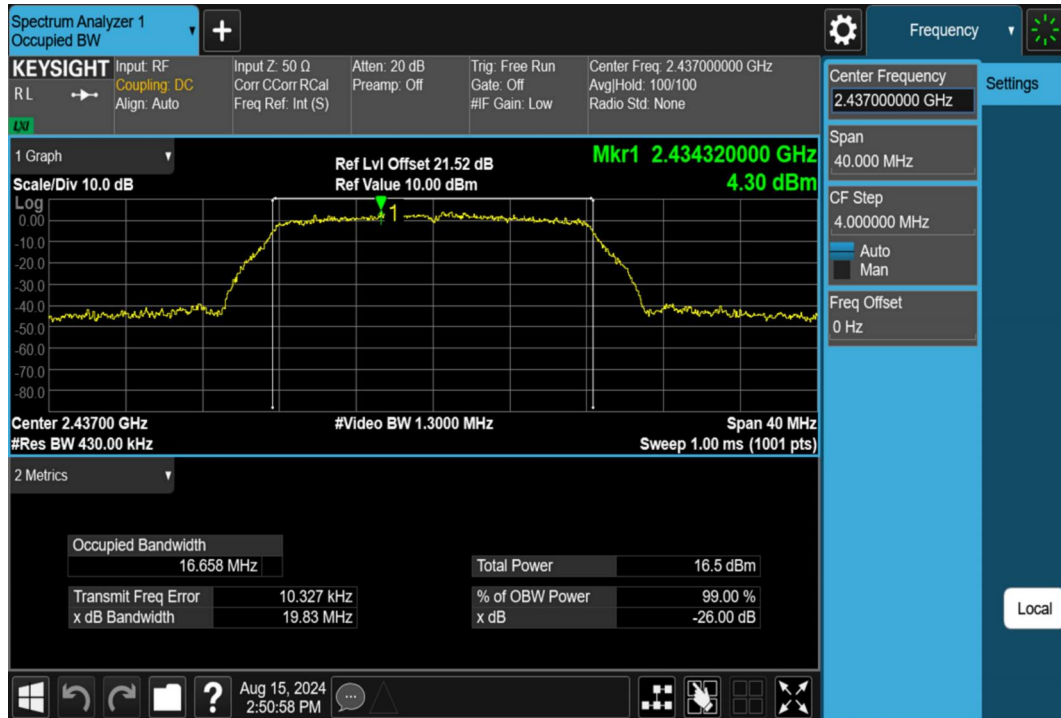
11B-Ant1-2437



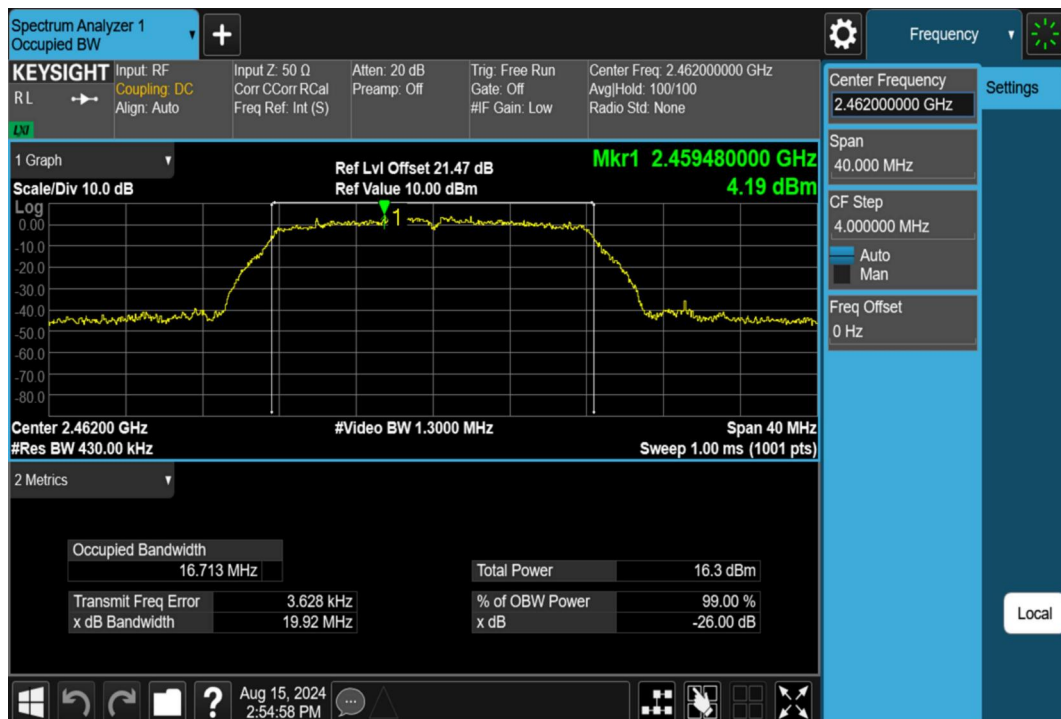
11B-Ant1-2462



11G-Ant1-2412



11G-Ant1-2437



11G-Ant1-2462