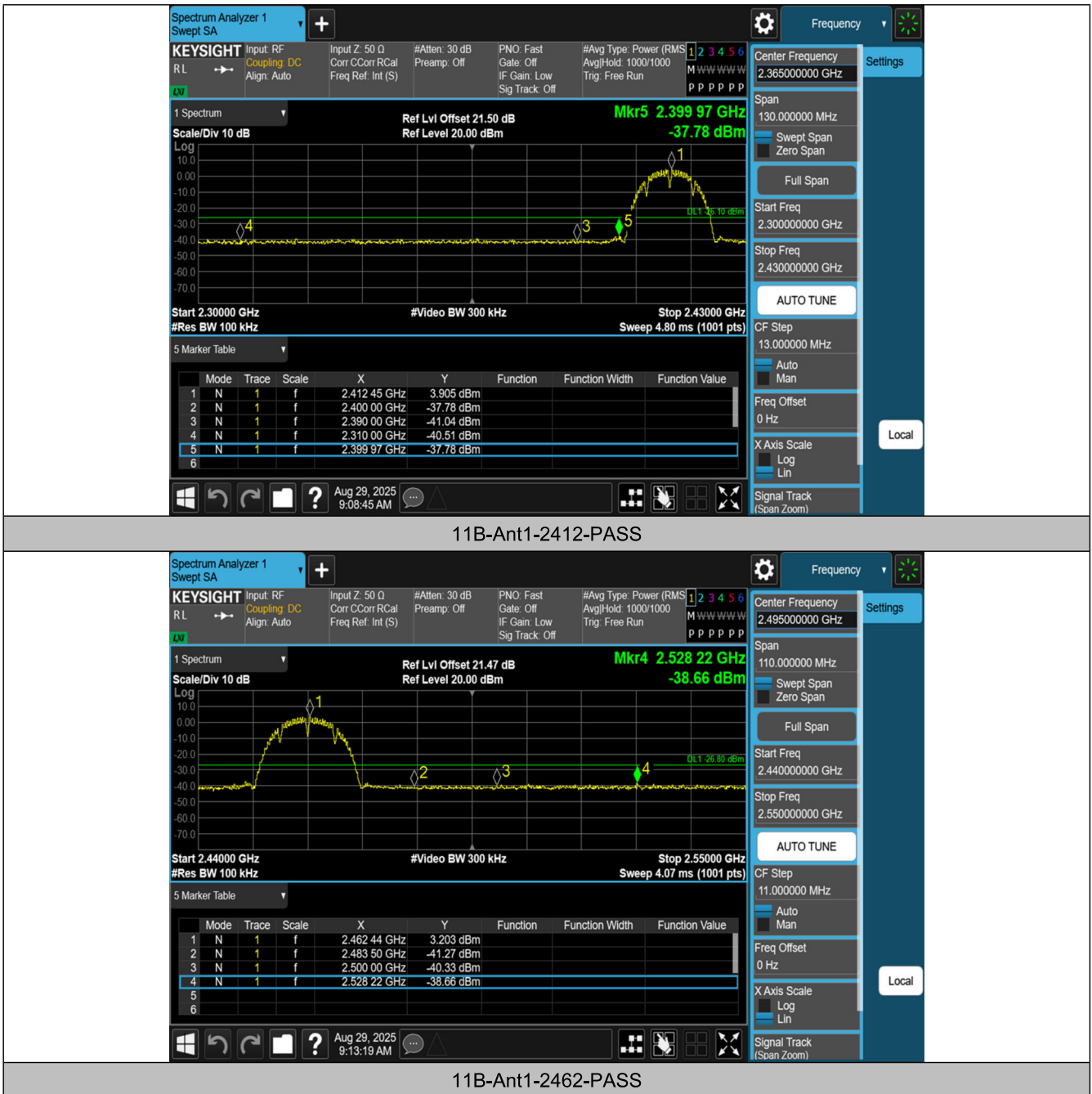


Band edge:

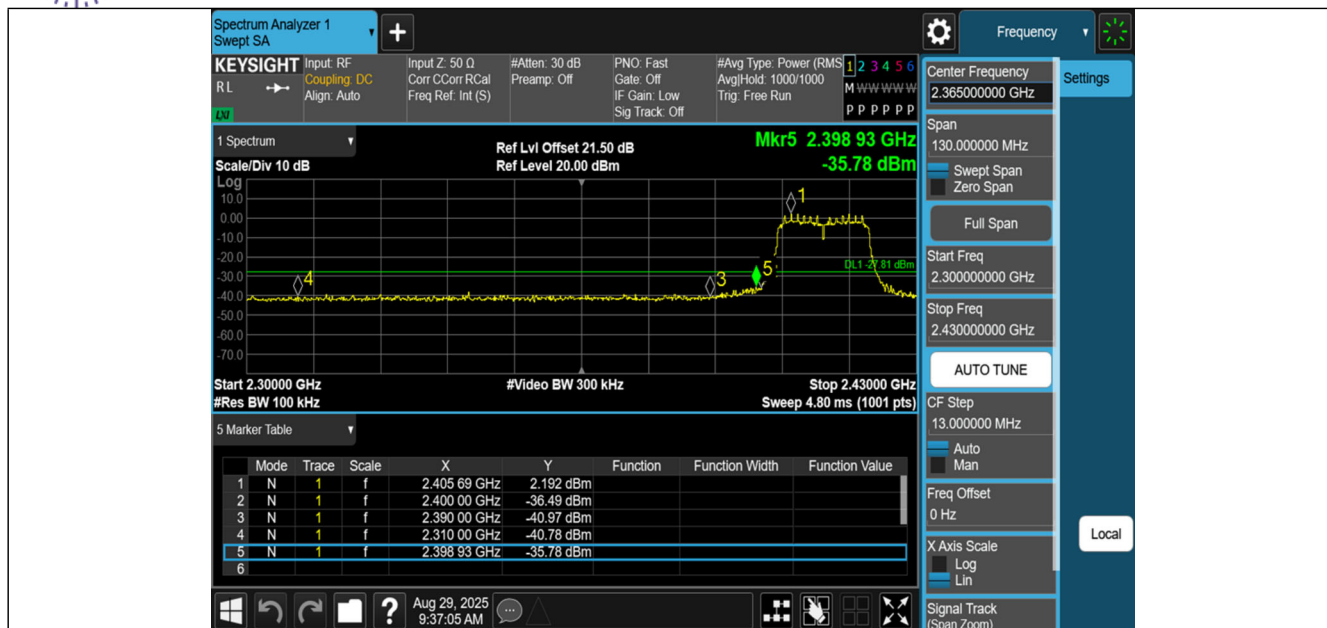




11G-Ant1-2412-PASS



11G-Ant1-2462-PASS



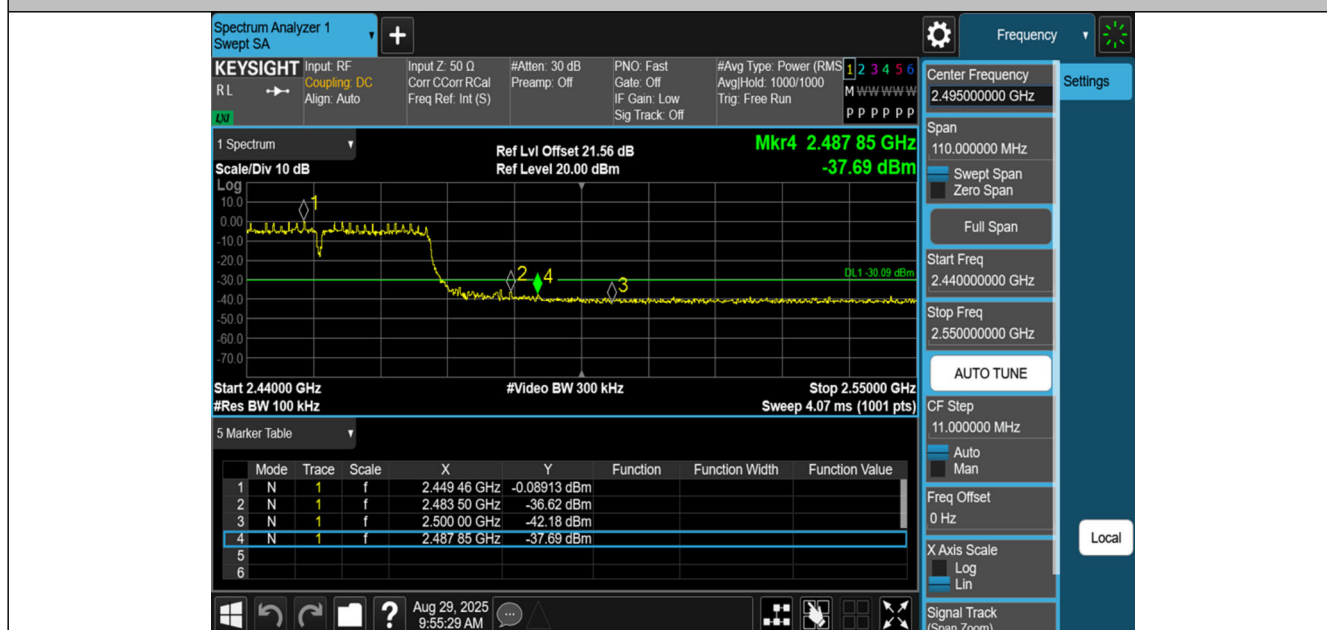
11N20SISO-Ant1-2412-PASS



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

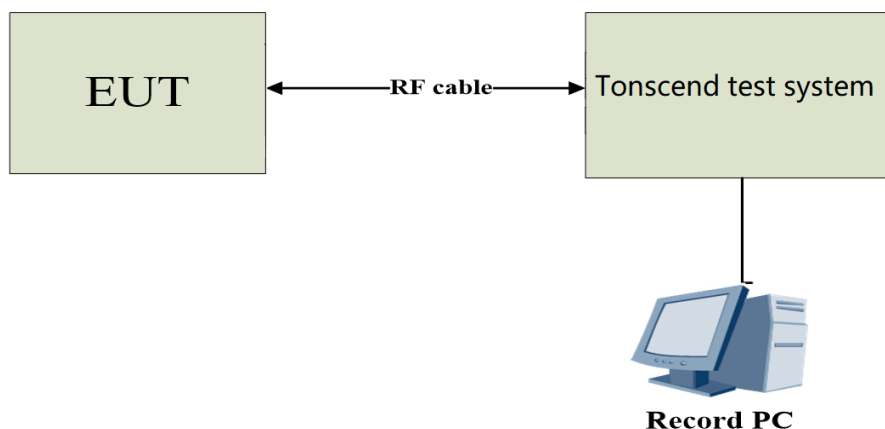
Centre Frequency	The centre frequency of the channel under test
RBW	100kHz
VBW	300kHz
Frequency span	2x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

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

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.960	2417.040	0.5	PASS
	Ant1	2437	10.080	2431.960	2442.040	0.5	PASS
	Ant1	2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant1	2412	16.280	2403.840	2420.120	0.5	PASS
	Ant1	2437	16.280	2428.840	2445.120	0.5	PASS
	Ant1	2462	16.040	2453.840	2469.880	0.5	PASS
11N20SISO	Ant1	2412	16.680	2403.600	2420.280	0.5	PASS
	Ant1	2437	16.520	2428.600	2445.120	0.5	PASS
	Ant1	2462	16.280	2453.600	2469.880	0.5	PASS
11N40SISO	Ant1	2422	35.120	2404.400	2439.520	0.5	PASS
	Ant1	2437	35.120	2419.400	2454.520	0.5	PASS
	Ant1	2452	35.120	2434.400	2469.520	0.5	PASS



11B-Ant1-2412-PASS



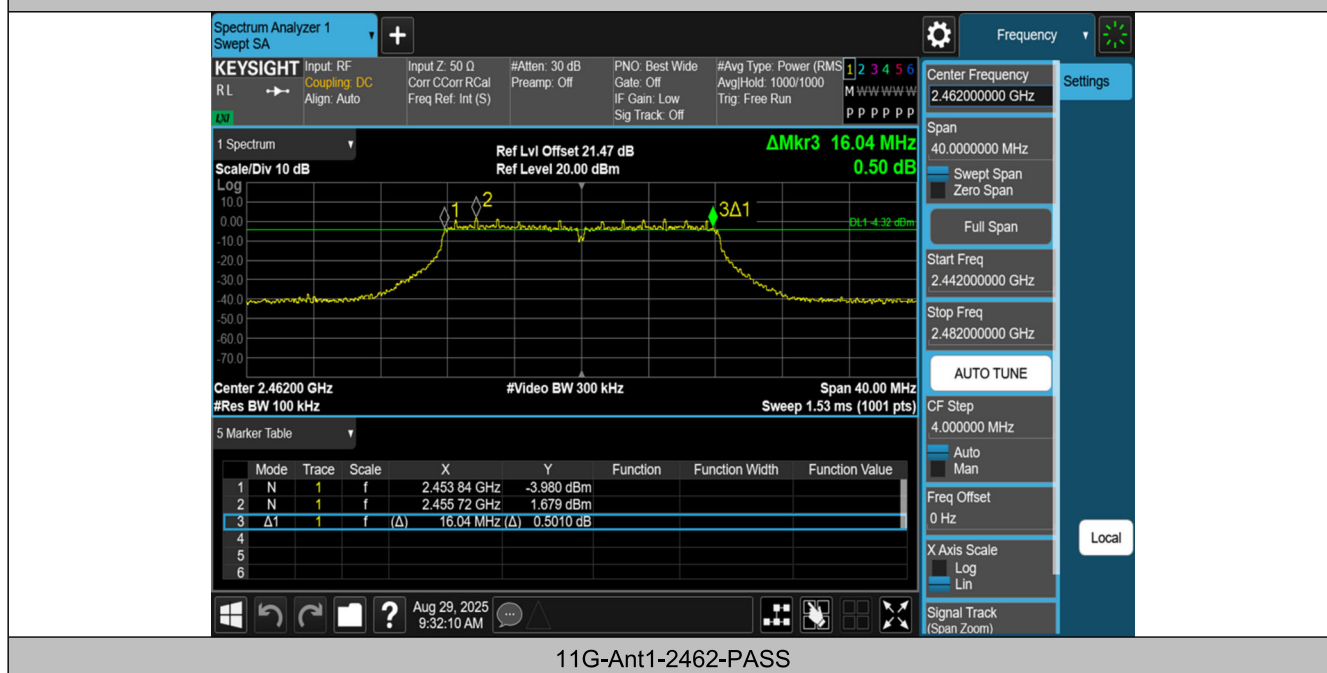
11B-Ant1-2437-PASS



11B-Ant1-2462-PASS



11G-Ant1-2412-PASS





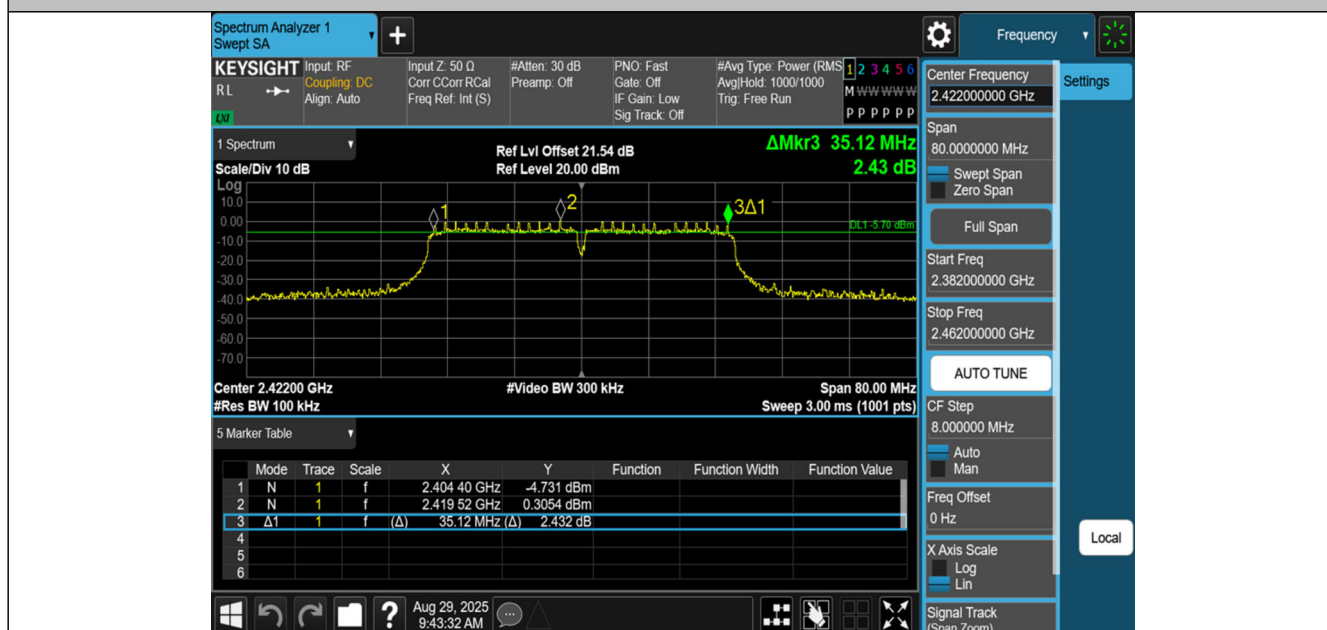
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



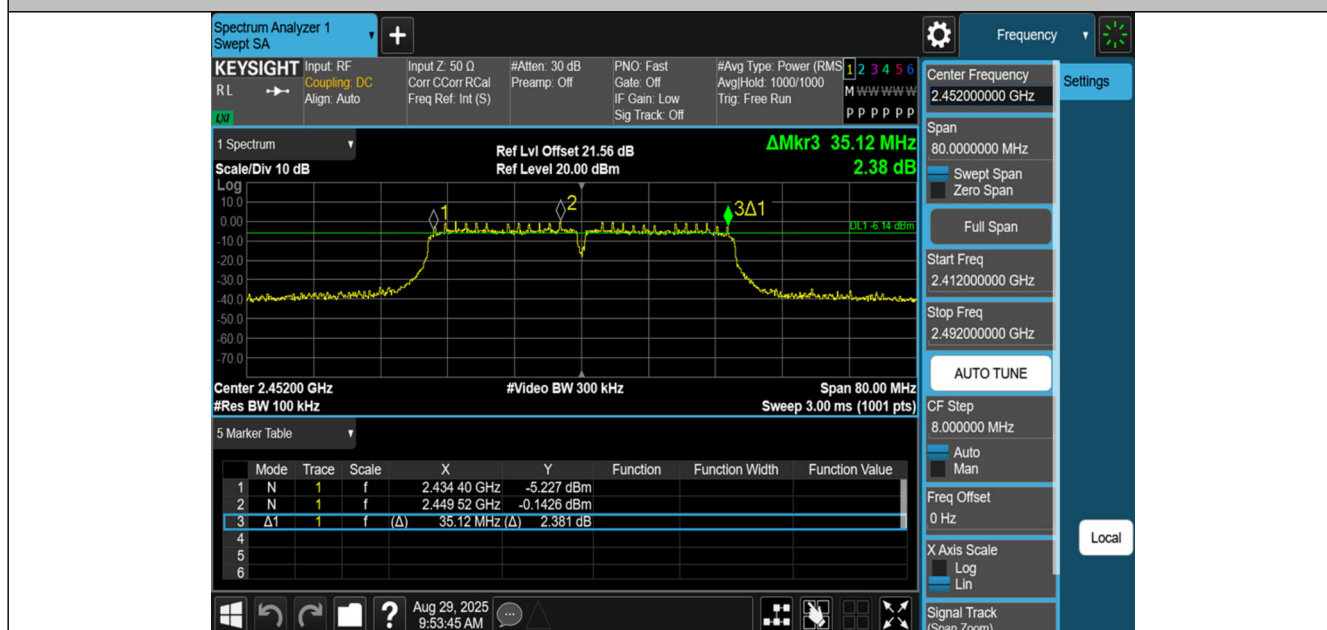
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



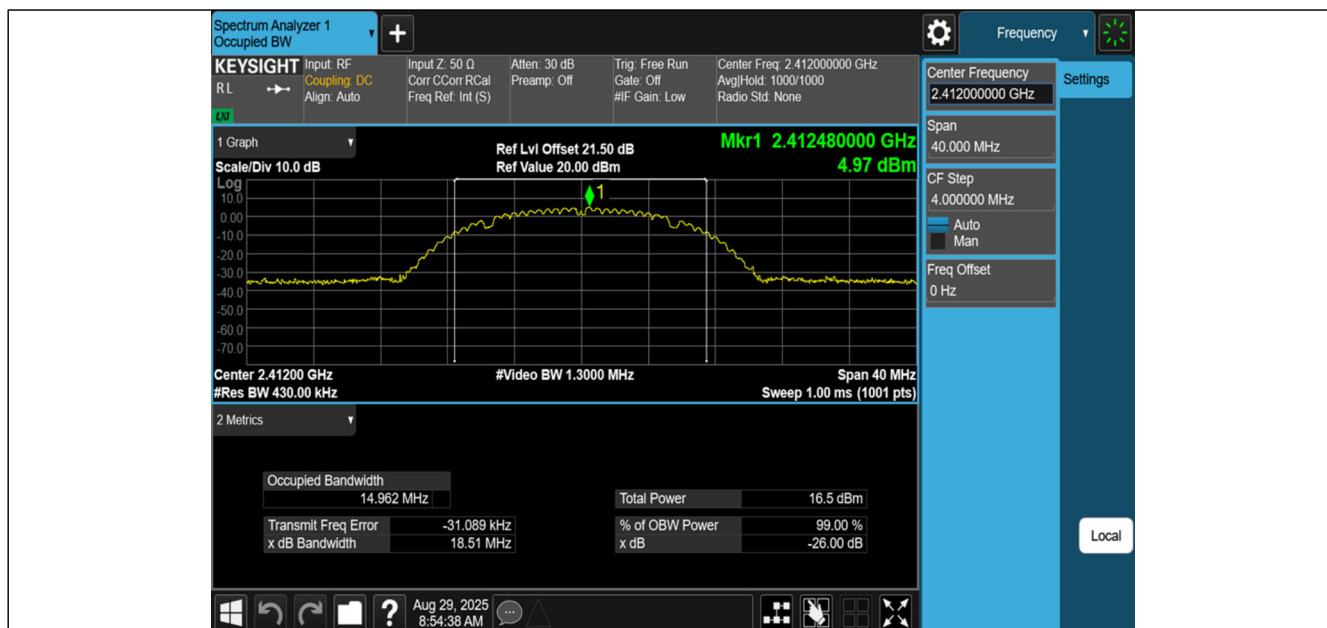
11N40SISO-Ant1-2437-PASS



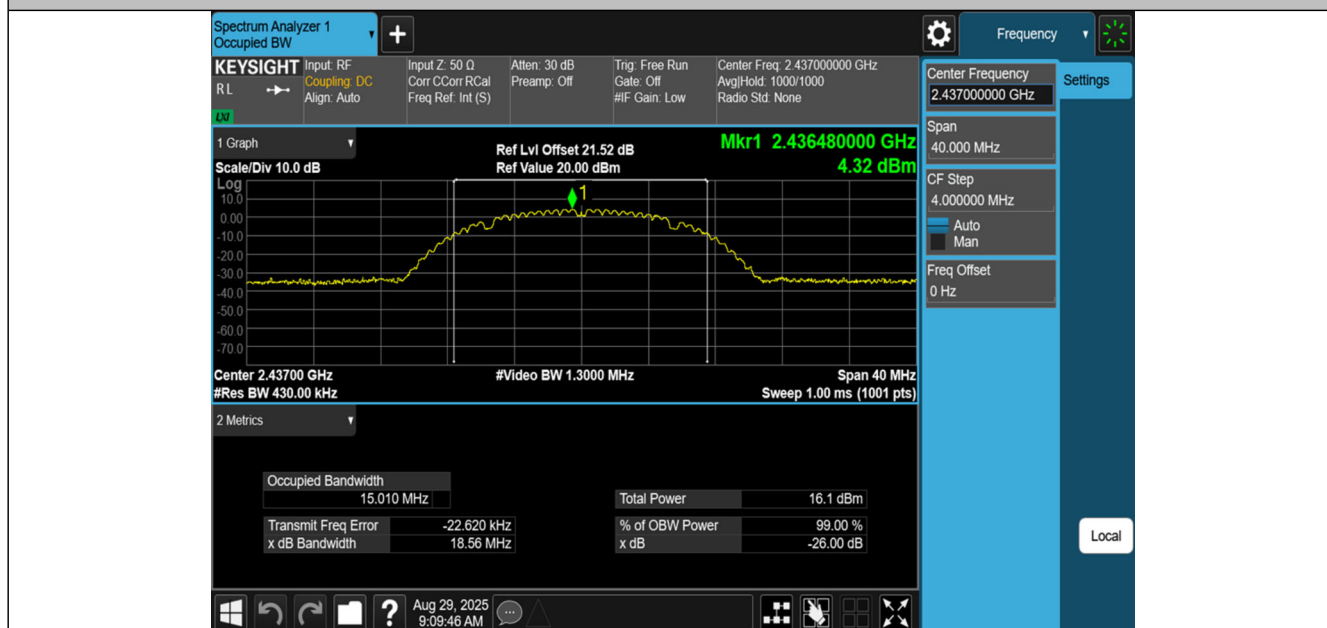
11N40SISO-Ant1-2452-PASS

Occupied Channel Bandwidth

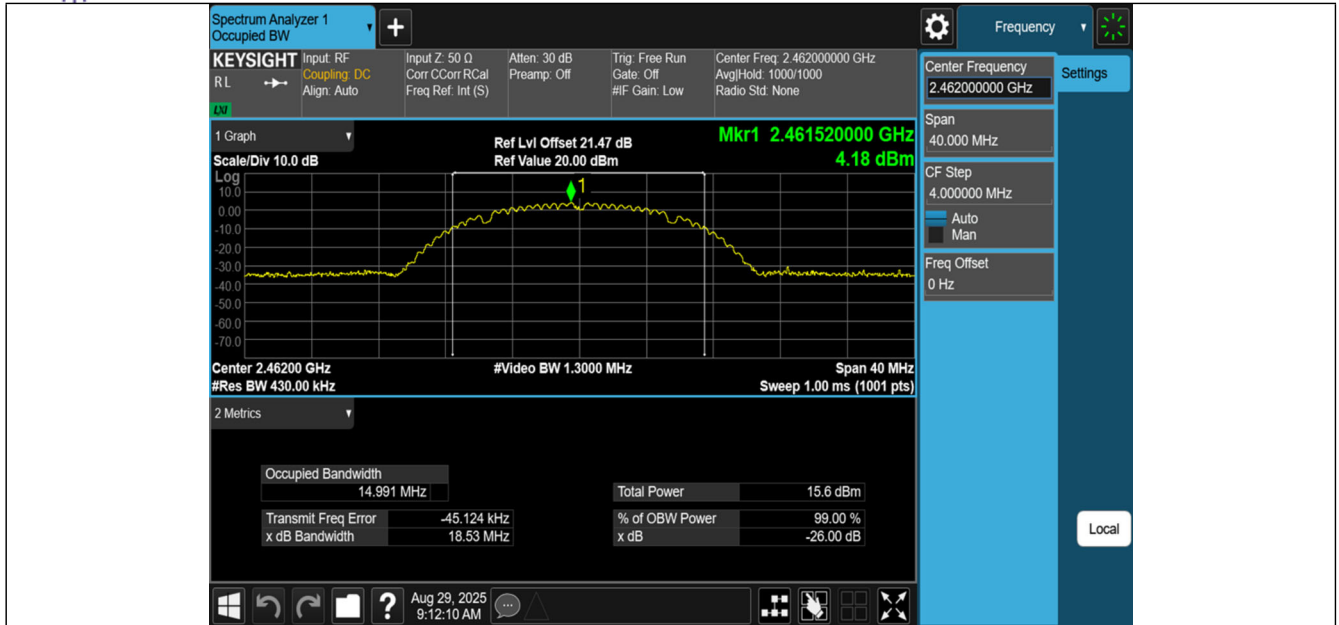
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.962	2404.4879	2419.4499	---	---
		2437	15.010	2429.4724	2444.4824	---	---
		2462	14.991	2454.4594	2469.4504	---	---
11G	Ant1	2412	16.897	2403.5572	2420.4542	---	---
		2437	16.871	2428.5574	2445.4284	---	---
		2462	16.888	2453.5501	2470.4381	---	---
11N20SISO	Ant1	2412	17.837	2403.0494	2420.8864	---	---
		2437	17.862	2428.0281	2445.8901	---	---
		2462	17.838	2453.0186	2470.8566	---	---
11N40SISO	Ant1	2422	36.493	2403.7195	2440.2125	---	---
		2437	36.569	2418.6665	2455.2355	---	---
		2452	36.457	2433.7047	2470.1617	---	---



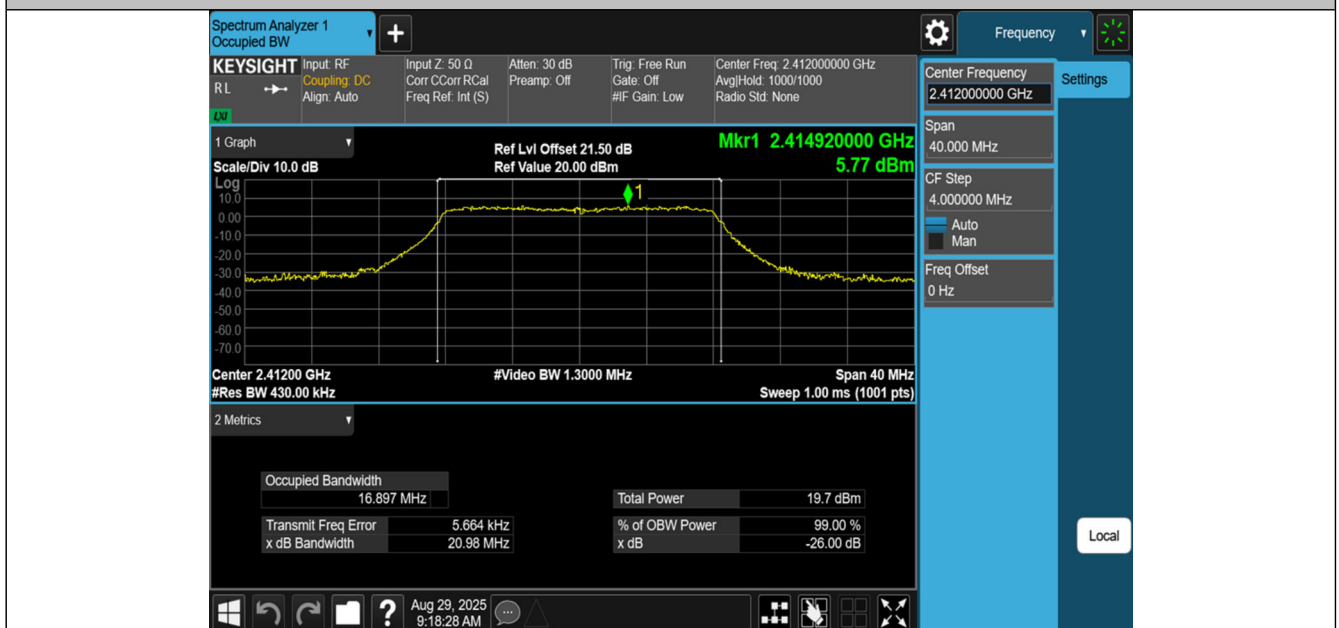
11B-Ant1-2412



11B-Ant1-2437



11B-Ant1-2462



11G-Ant1-2412