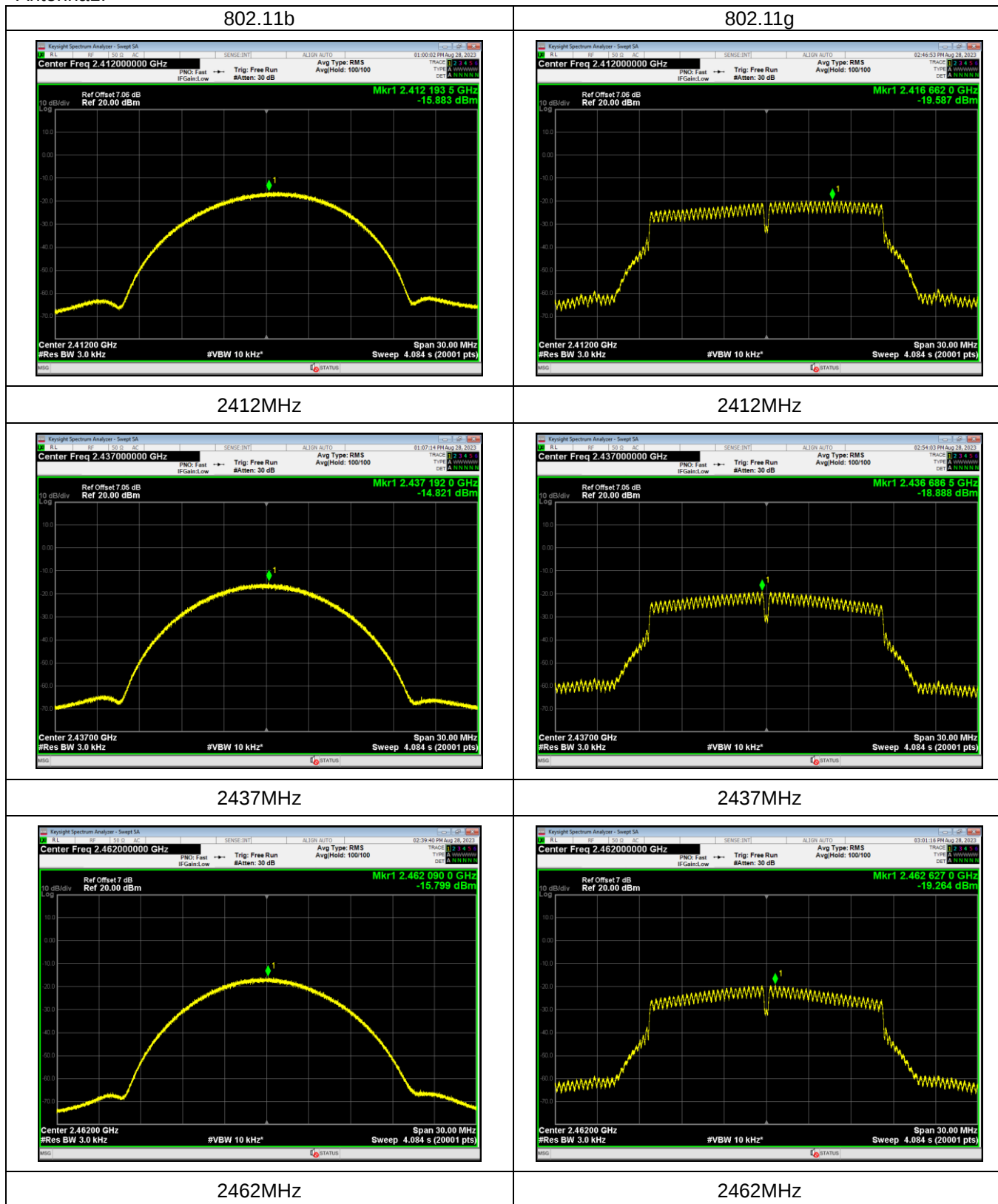


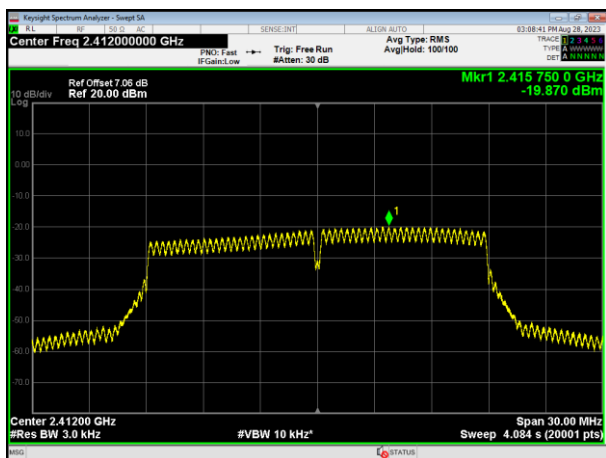


Antenna1:

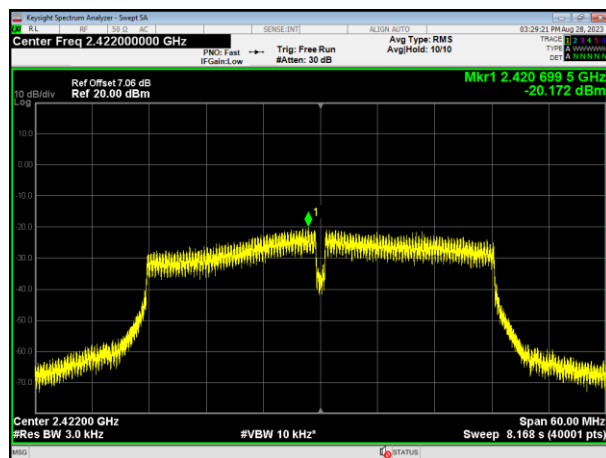




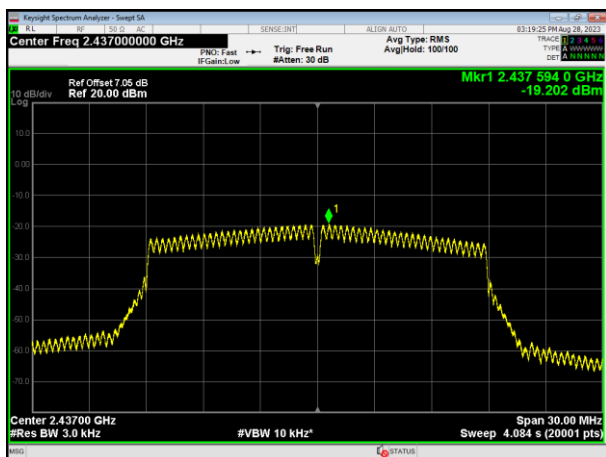
802.11n HT20



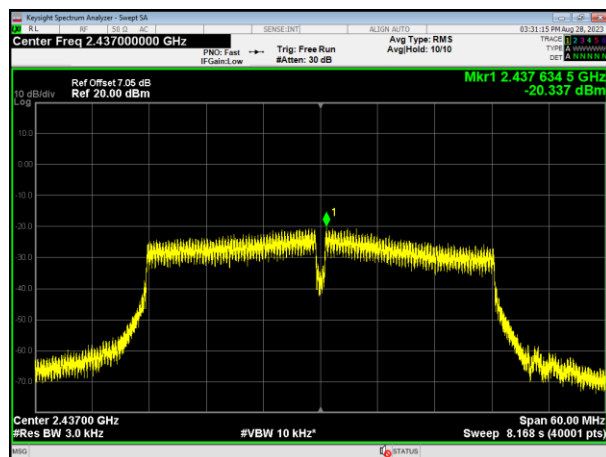
802.11n HT40



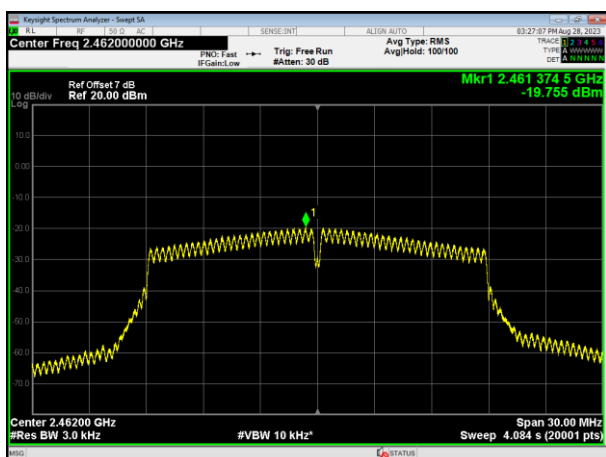
2412MHz



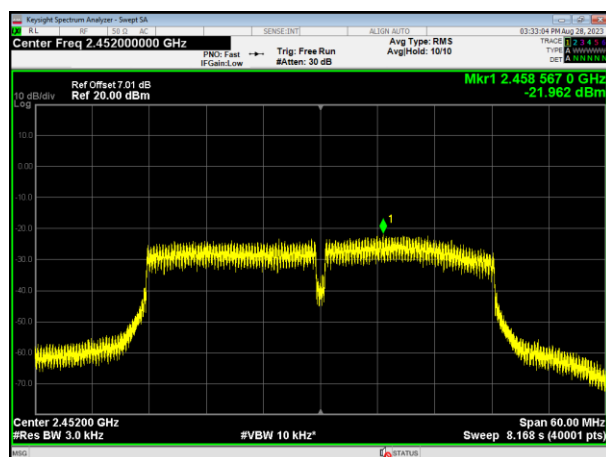
2422MHz



2437MHz



2437MHz

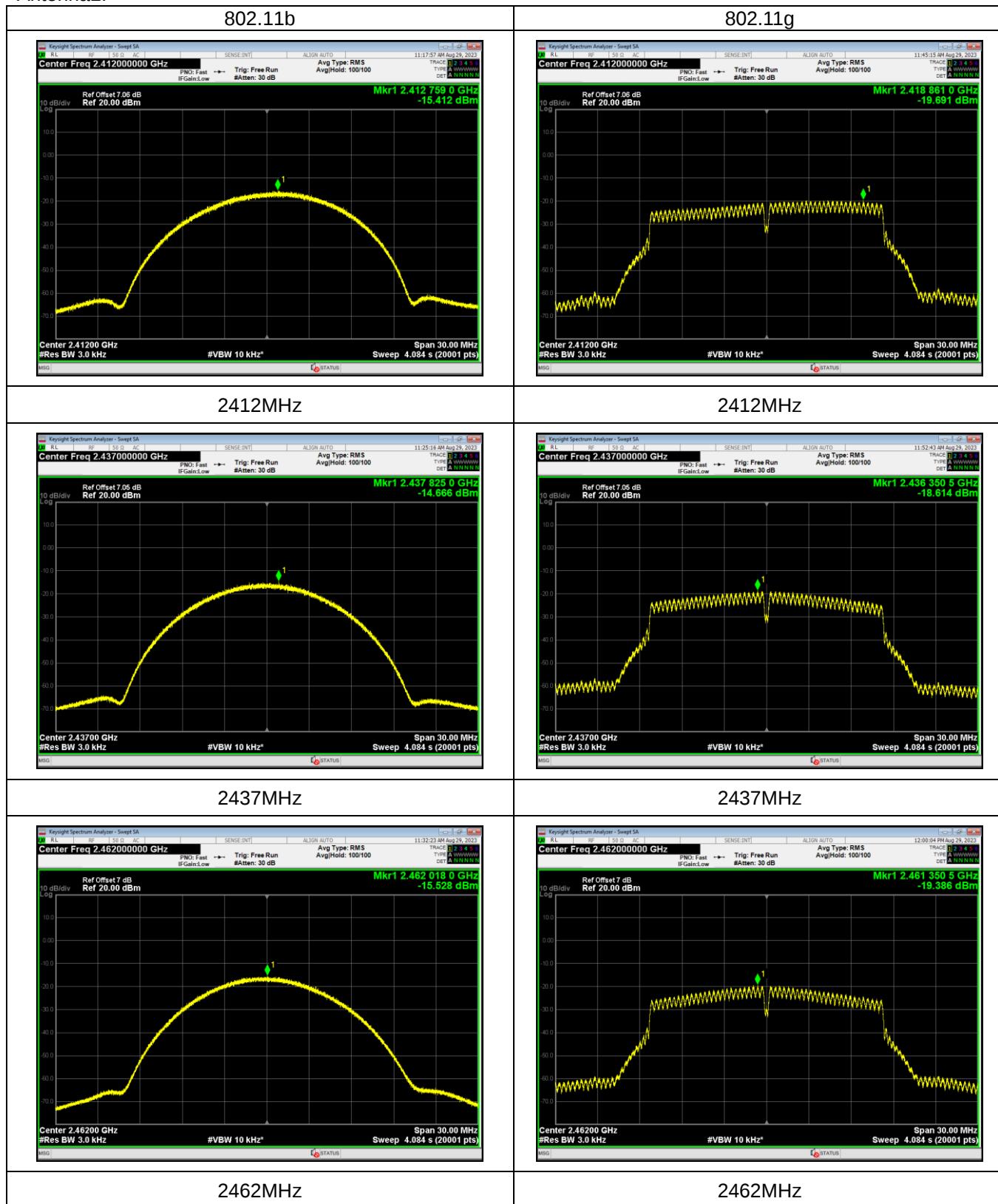


2462MHz

2452MHz

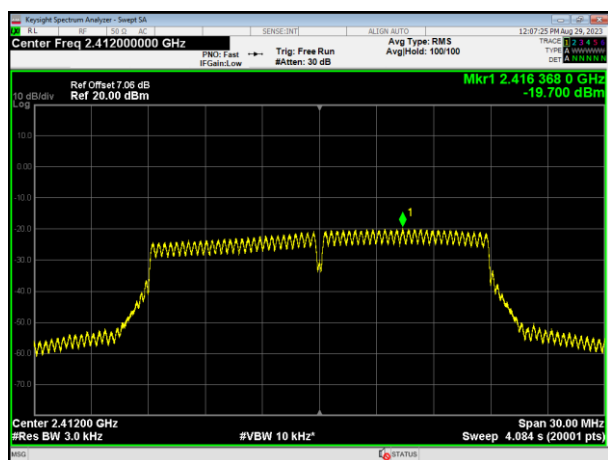


Antenna2:

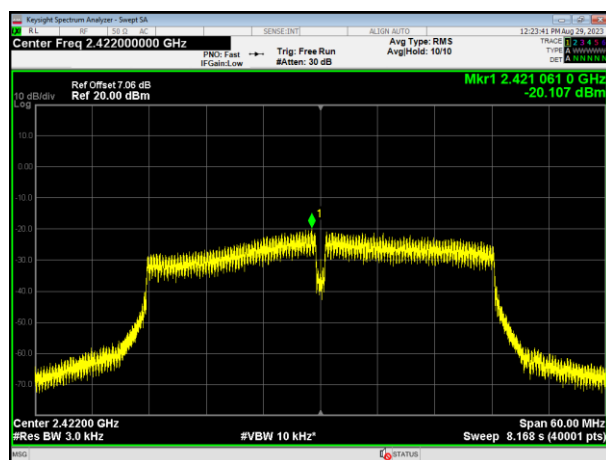




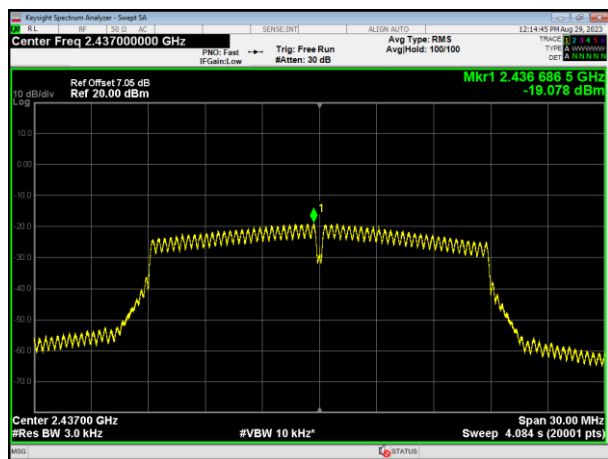
802.11n HT20



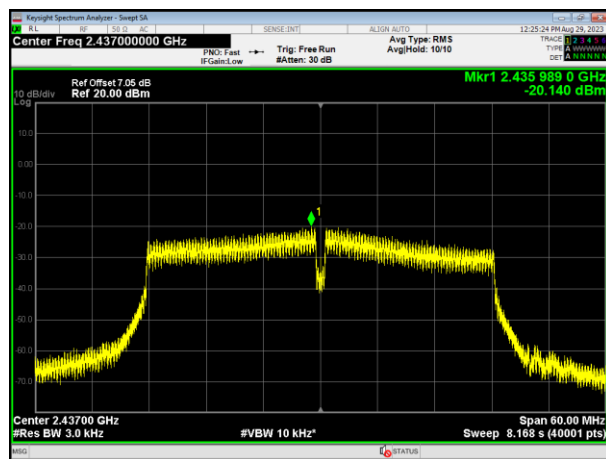
802.11n HT40



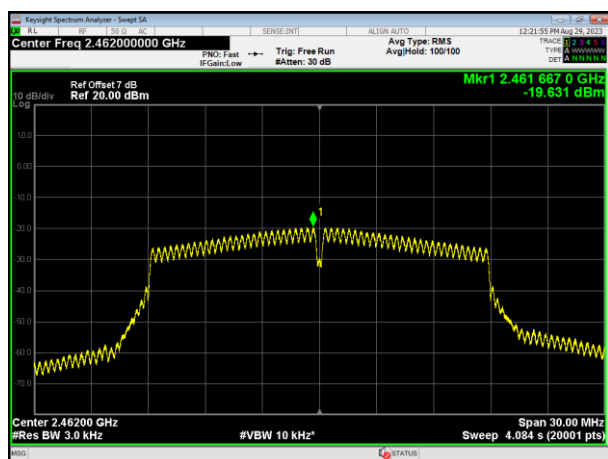
2412MHz



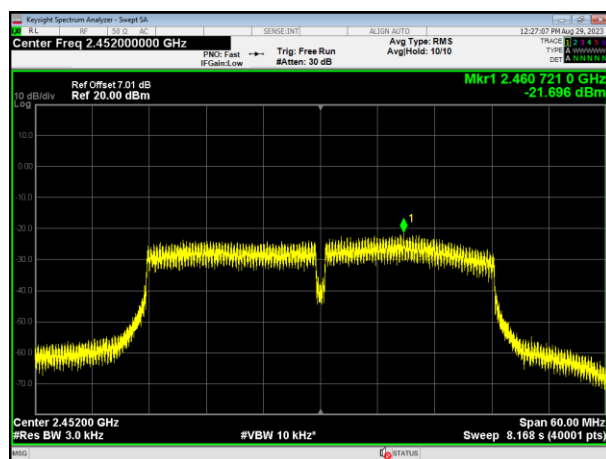
2422MHz



2437MHz



2437MHz



2462MHz

2452MHz



6. 6DB BANDWIDTH TEST

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range(MHz)	Result
15.247(a)(2)	Bandwidth	$\geq 500\text{KHz}$ (6dB bandwidth)	2400-2483.5	PASS

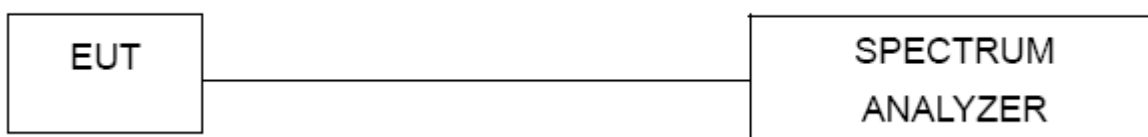
6.1.1 TEST PROCEDURE

1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) $\geq$ RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP



6.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

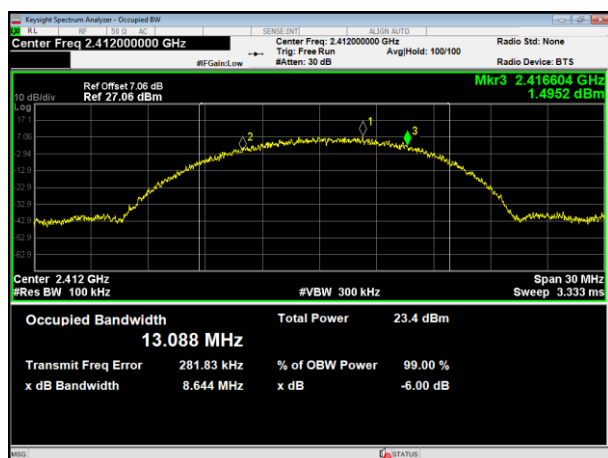
**6.1.5 TEST RESULTS**

Test CH		Channel Bandwidth (MHz)		Limit(KHz)	Result
		Ant1	Ant2		
802.11b	Lowest	8.644	7.668	>500	Pass
	Middle	6.544	7.259		
	Highest	7.128	7.012		
802.11g	Lowest	15.722	16.068		
	Middle	15.318	15.062		
	Highest	15.028	15.013		
802.11n (20MHz)	Lowest	16.251	16.308		
	Middle	12.499	11.905		
	Highest	15.034	14.991		
802.11n (40MHz)	Lowest	28.851	26.281		
	Middle	33.812	31.296		
	Highest	35.077	34.43		

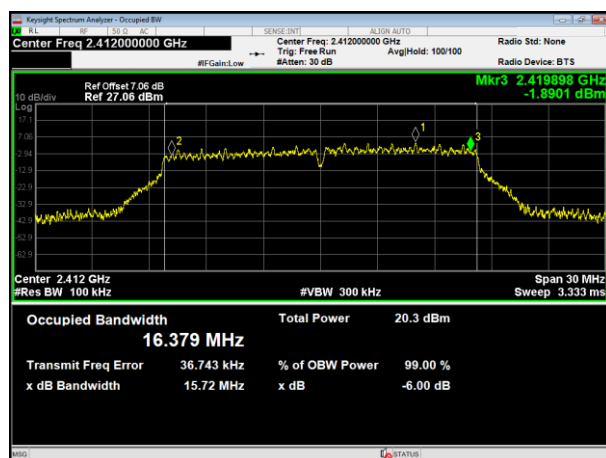


Antenna1:

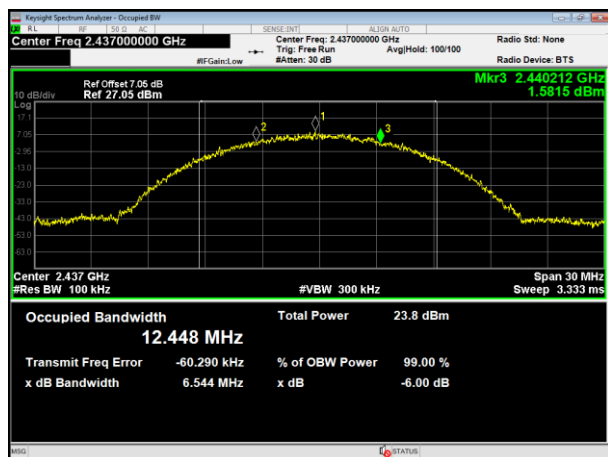
802.11b



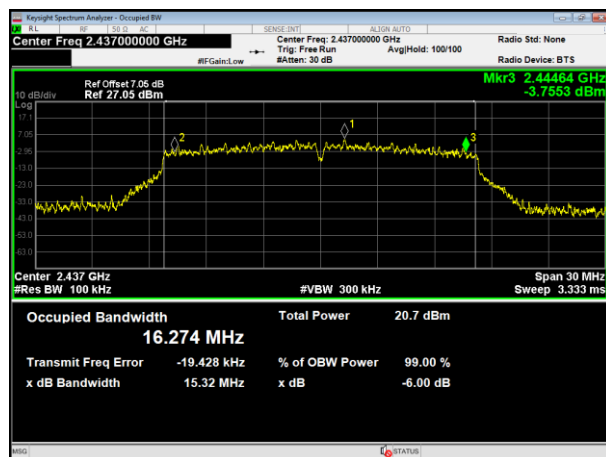
802.11g



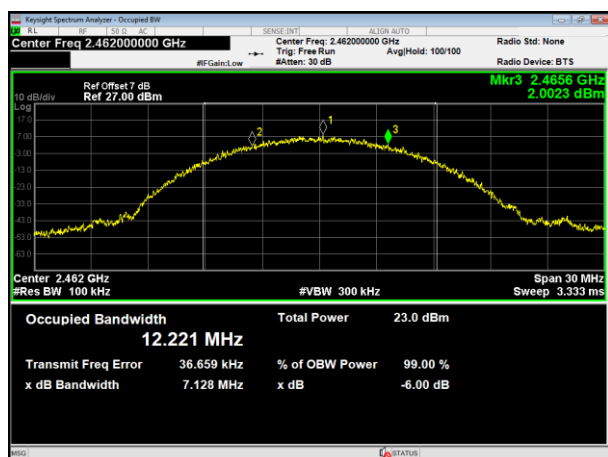
2412MHz



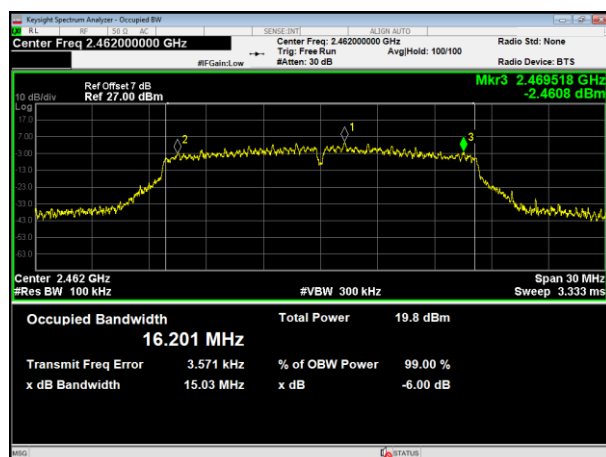
2412MHz



2437MHz



2437MHz

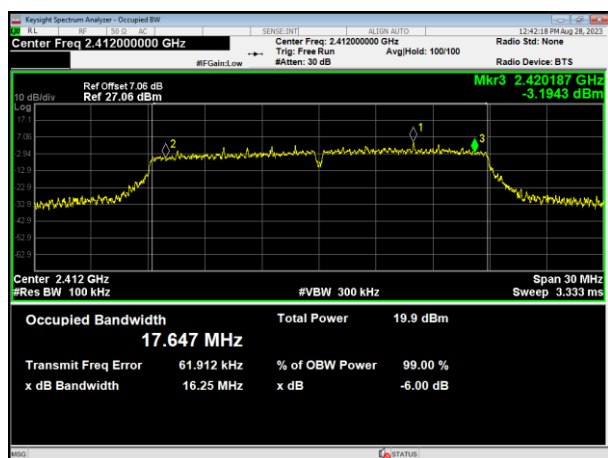


2462MHz

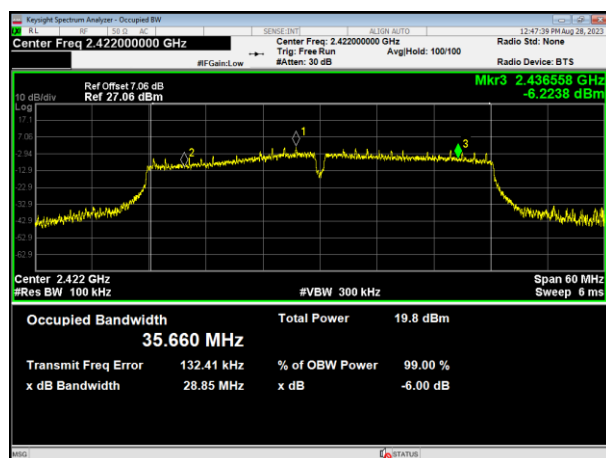
2462MHz



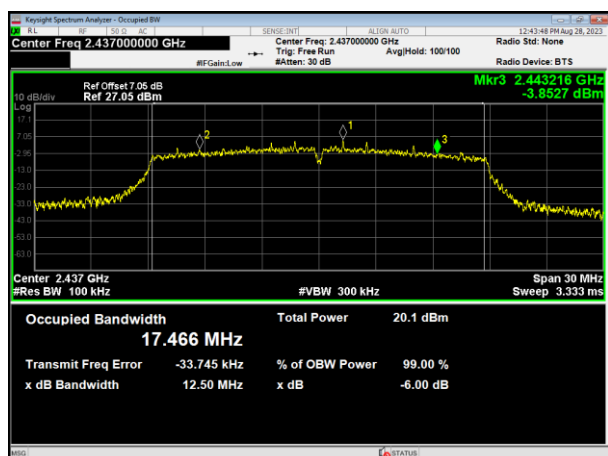
802.11n HT20



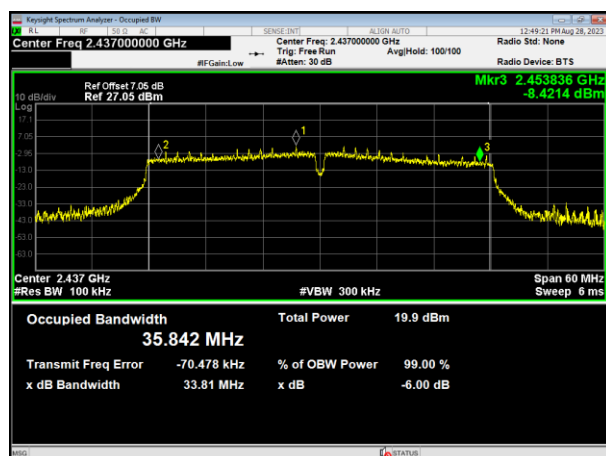
802.11n HT40



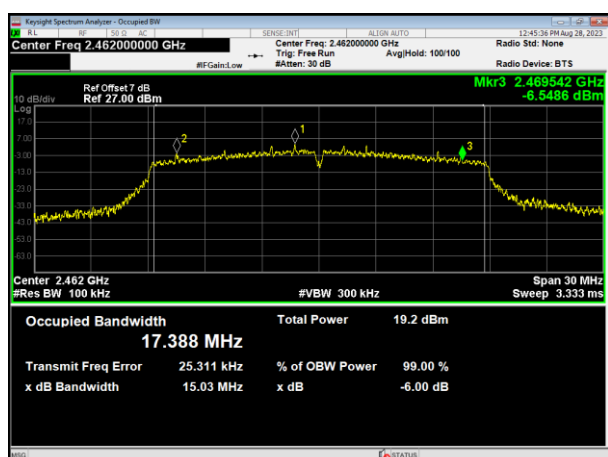
2412MHz



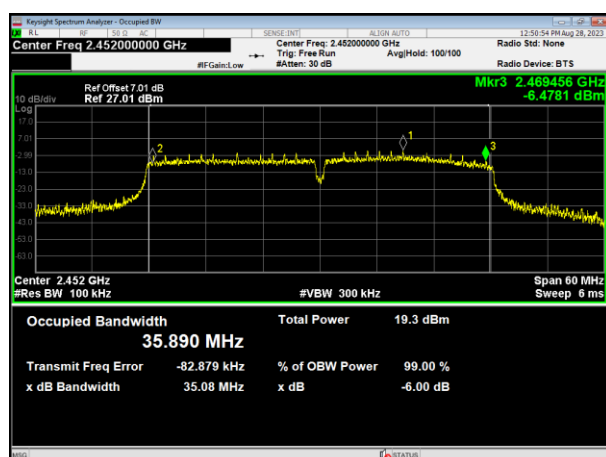
2422MHz



2437MHz



2437MHz



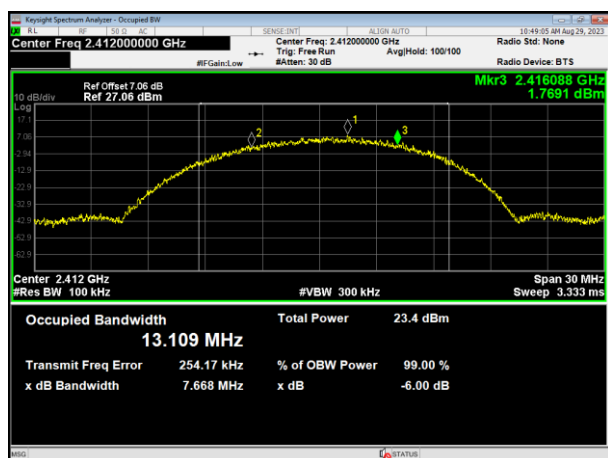
2462MHz

2452MHz

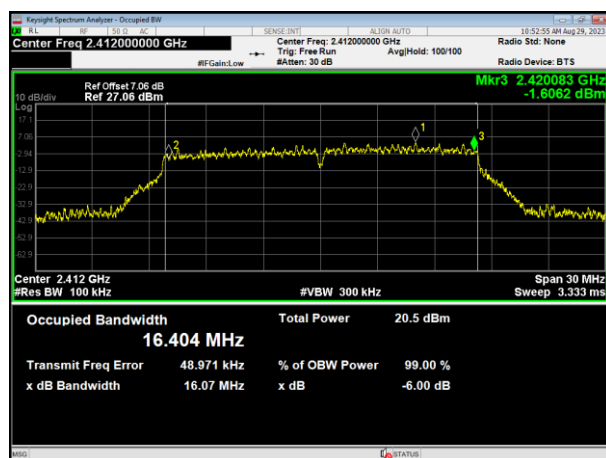


Antenna2:

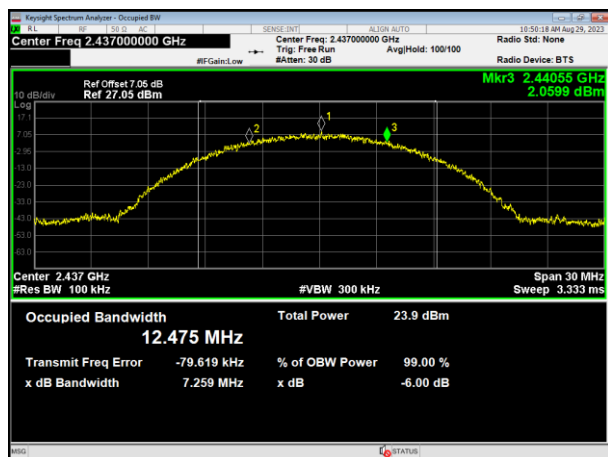
802.11b



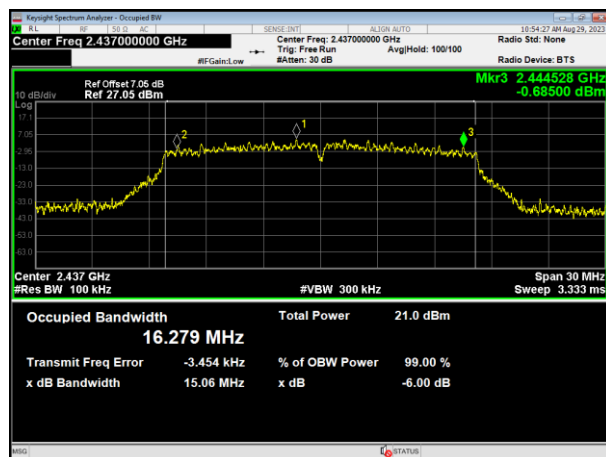
802.11g



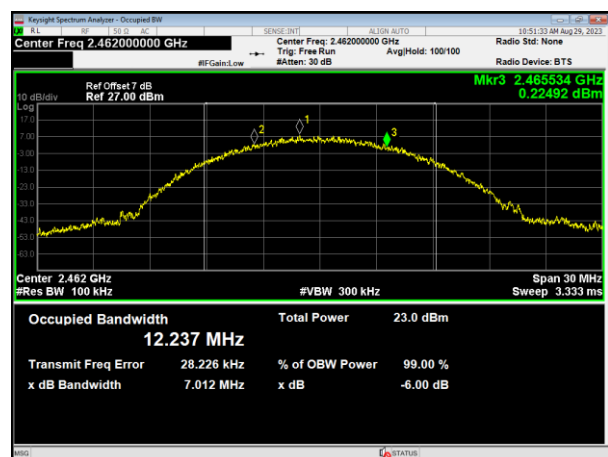
2412MHz



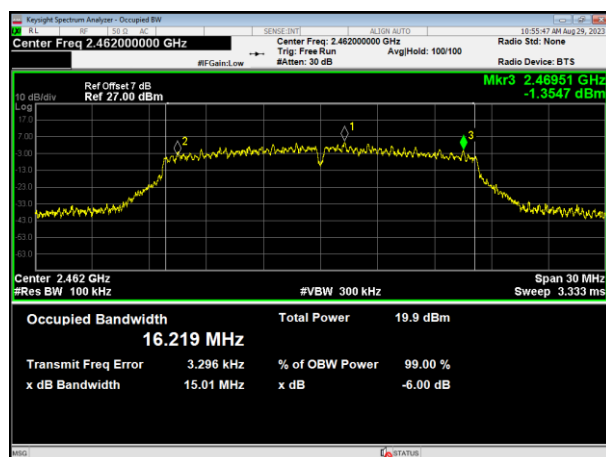
2412MHz



2437MHz



2437MHz

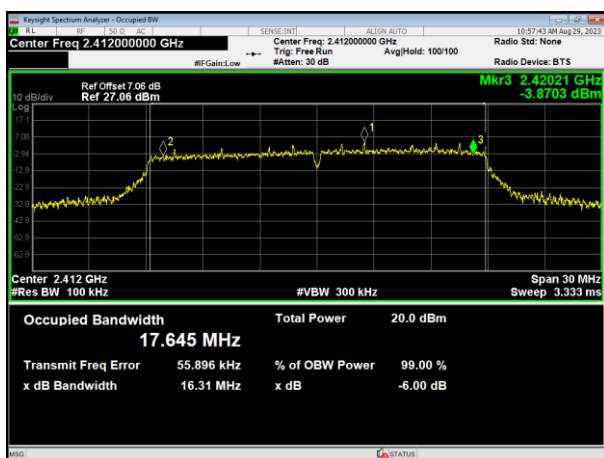


2462MHz

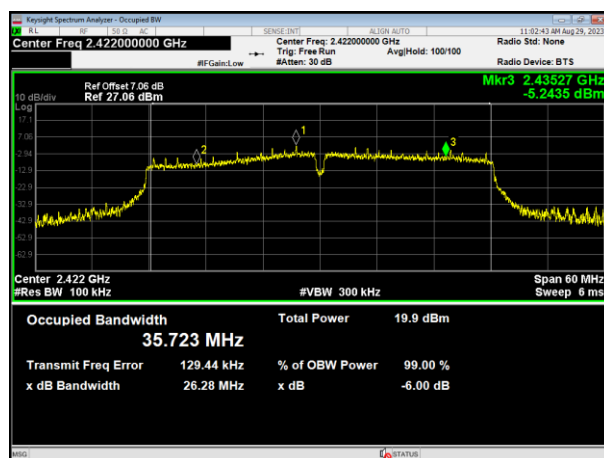
2462MHz



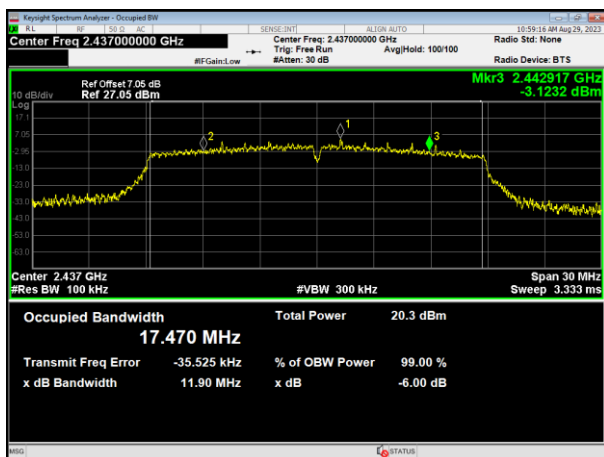
802.11n HT20



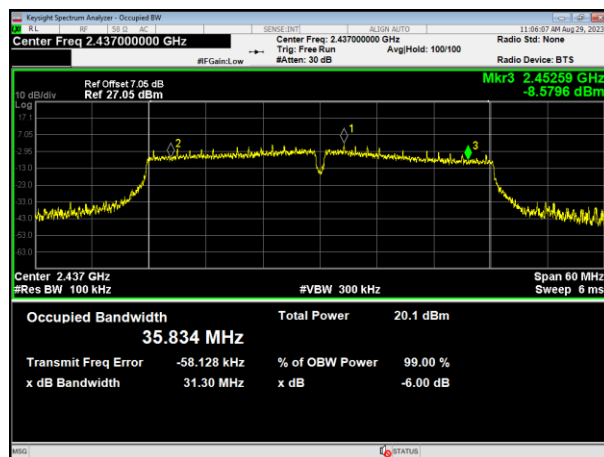
802.11n HT40



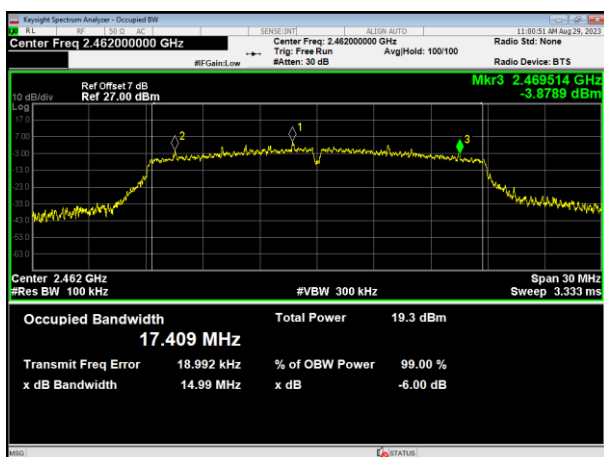
2412MHz



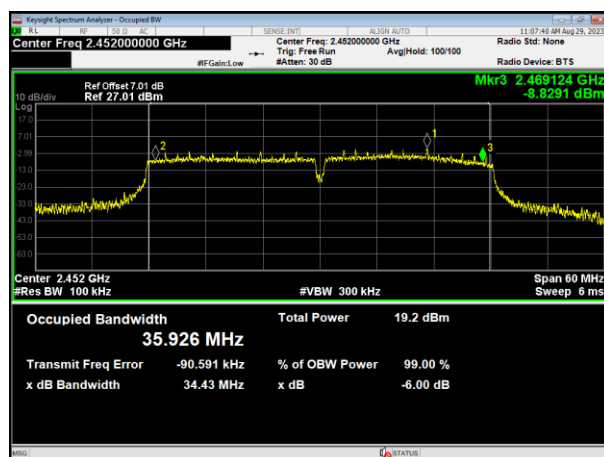
2422MHz



2437MHz



2437MHz



2462MHz

2452MHz



7. ANTENNA REQUIREMENT

7.1 STANDARD REQUIREMENT

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

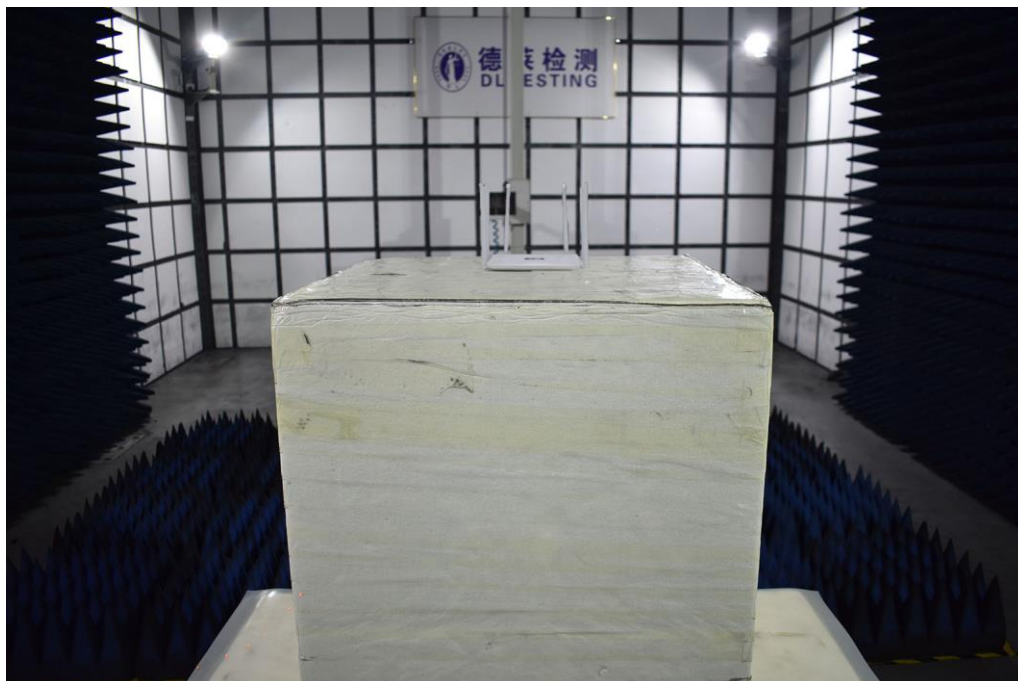
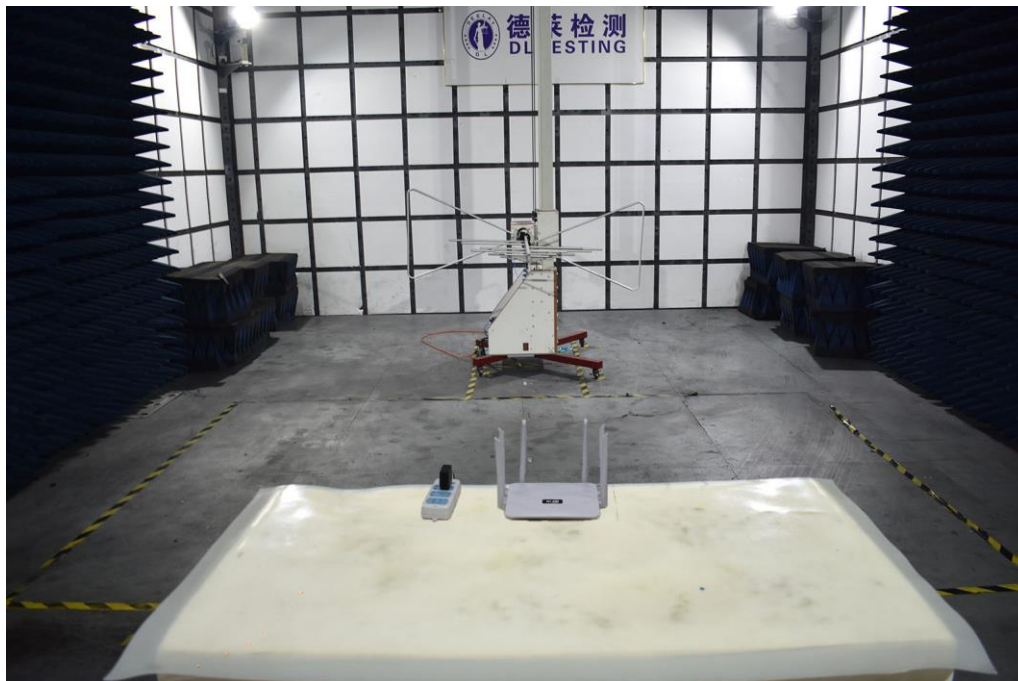
7.2 EUT ANTENNA

The EUT antenna is External antenna, It comply with the standard requirement.



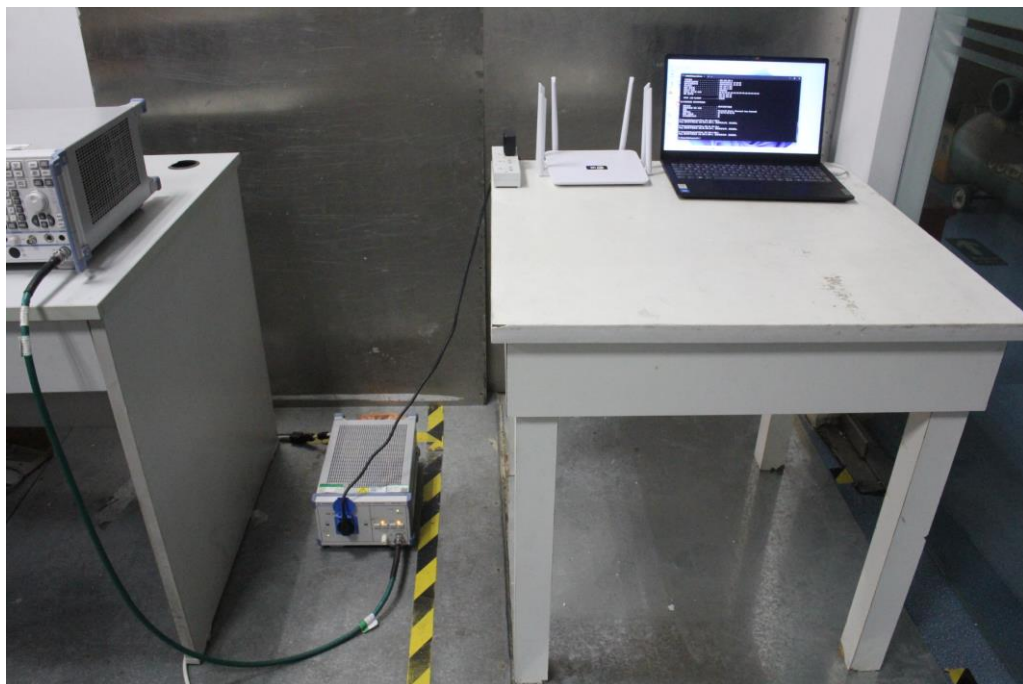
8. TEST SEUUP PHOTO

Radiated Measurement Photos





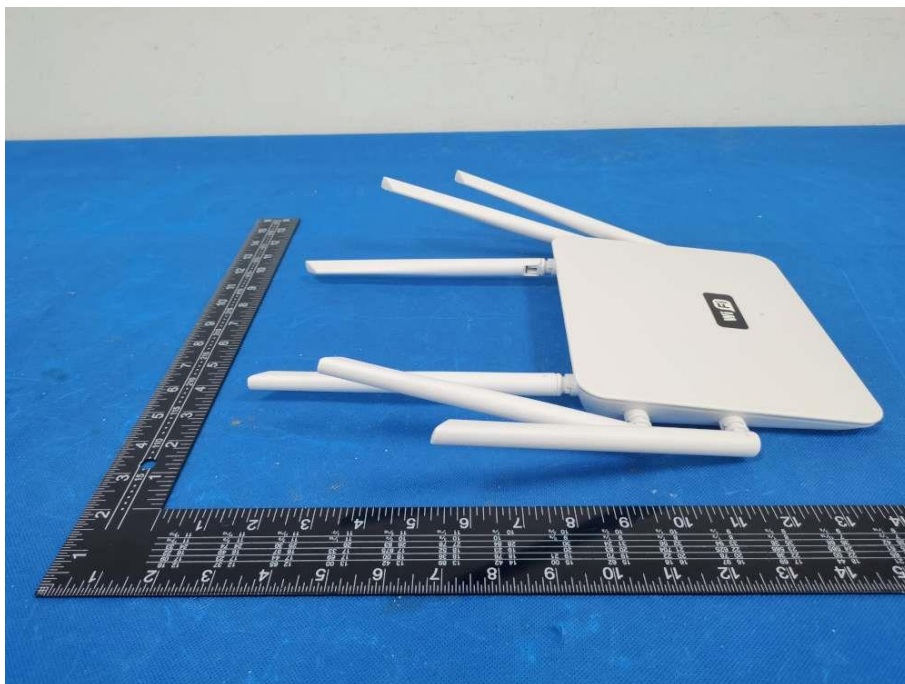
Conducted Measurement Photos

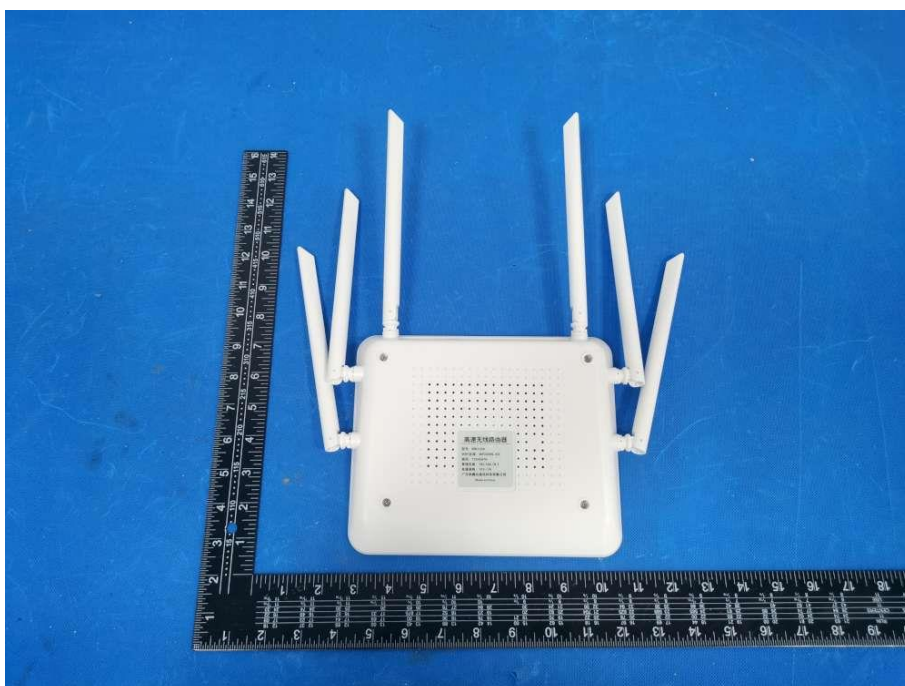
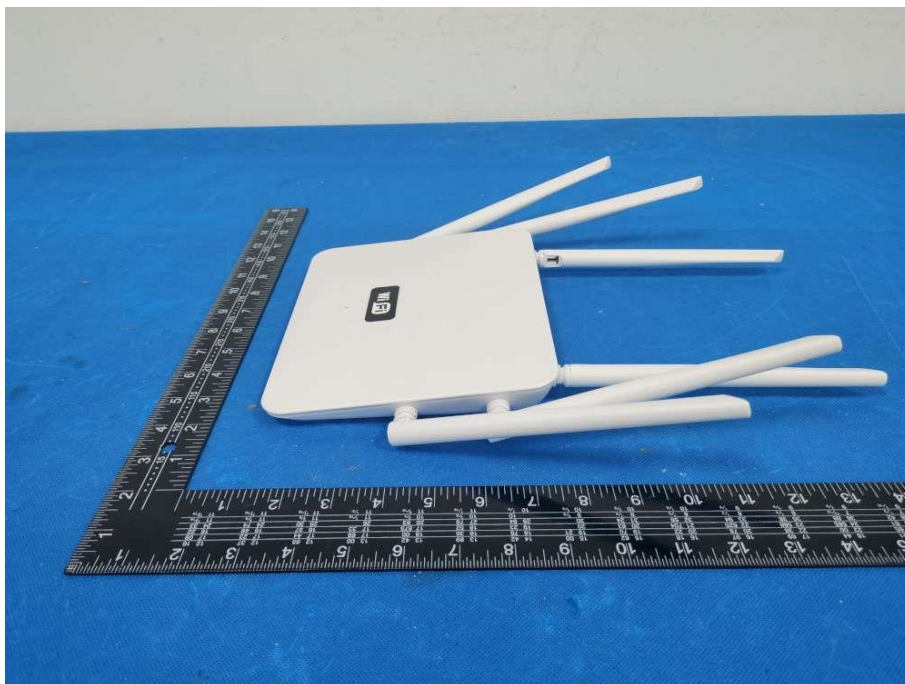


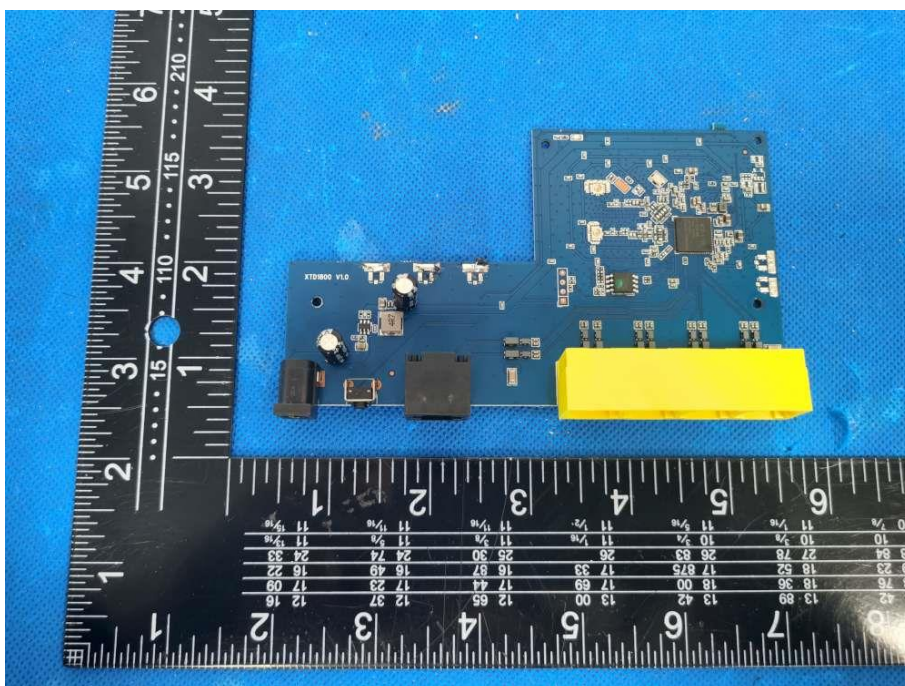
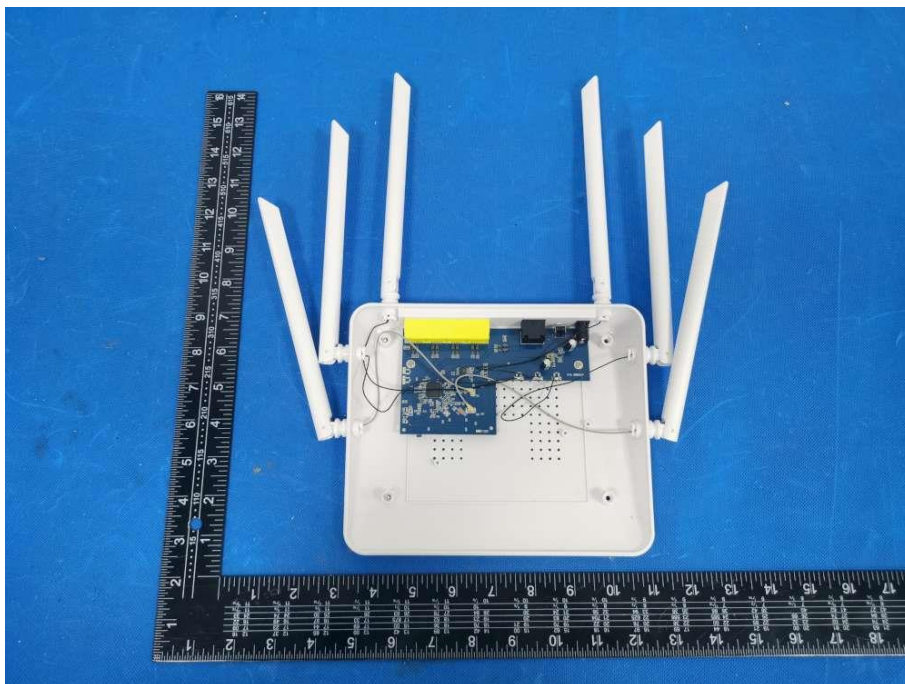
9. EUT PHOTO

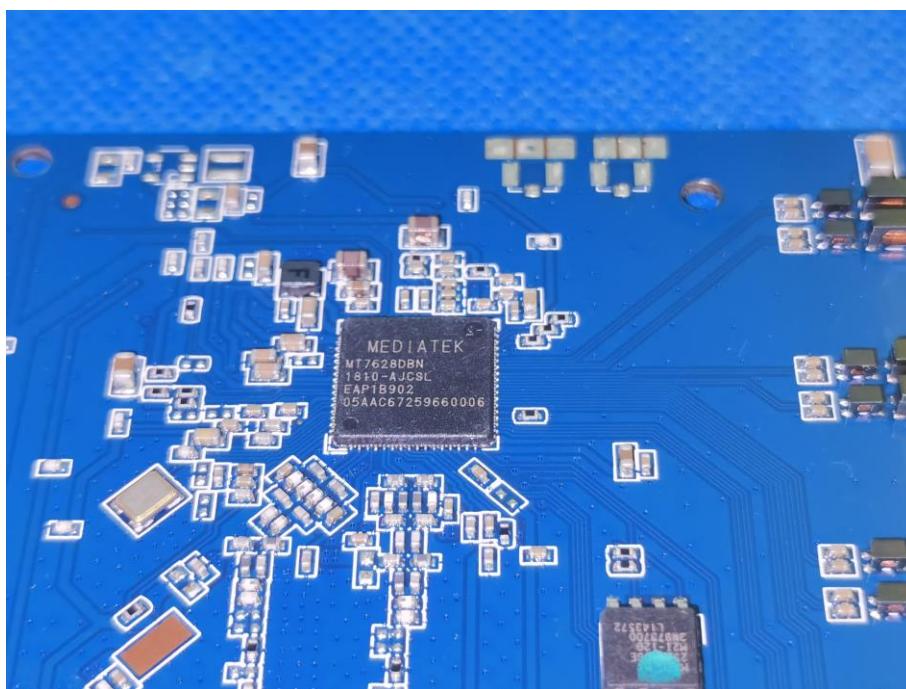
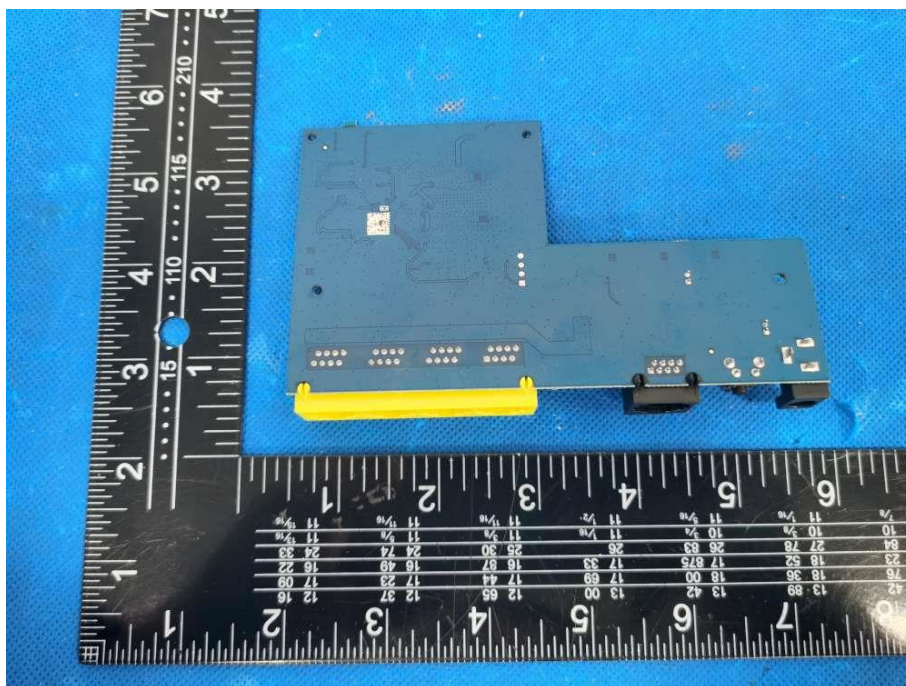












***** END OF REPORT *****