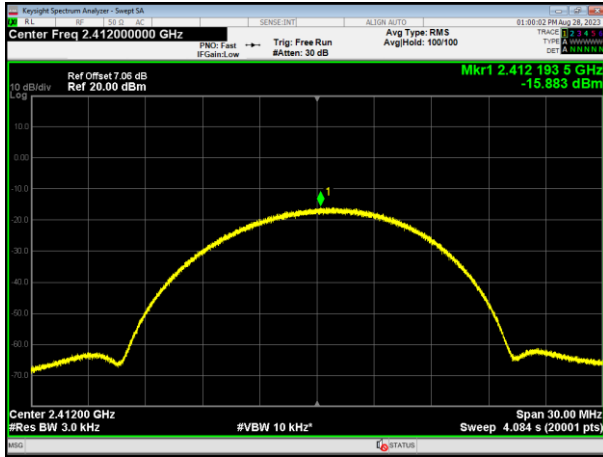


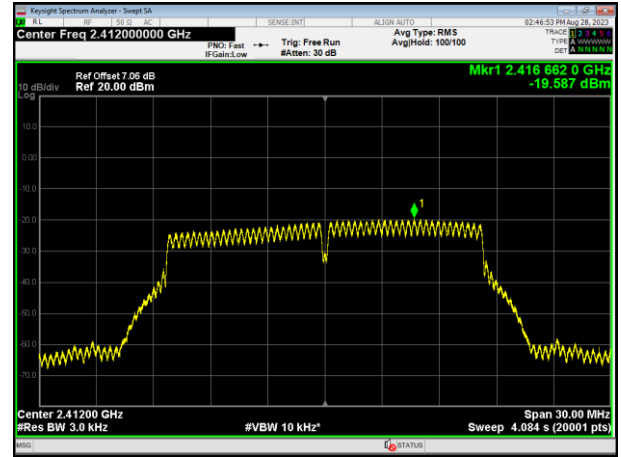


Antenna1:

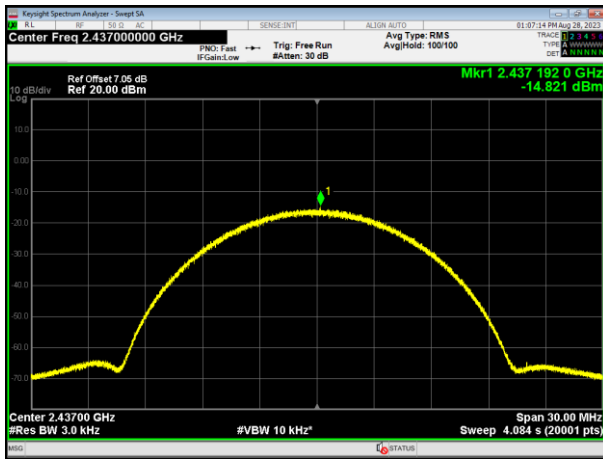
802.11b



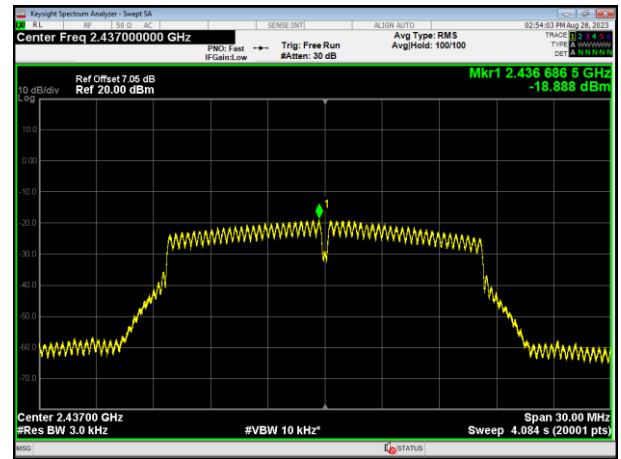
802.11g



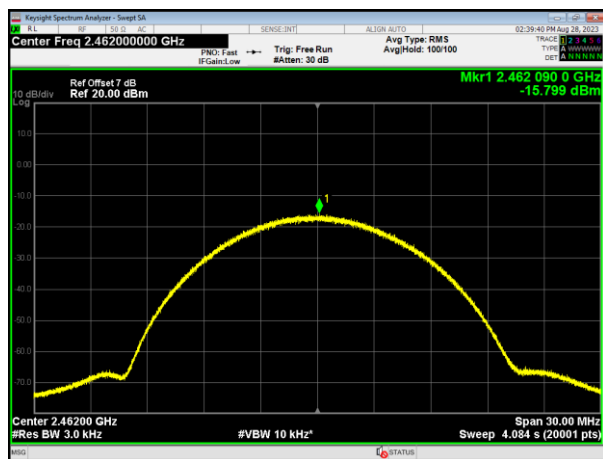
2412MHz



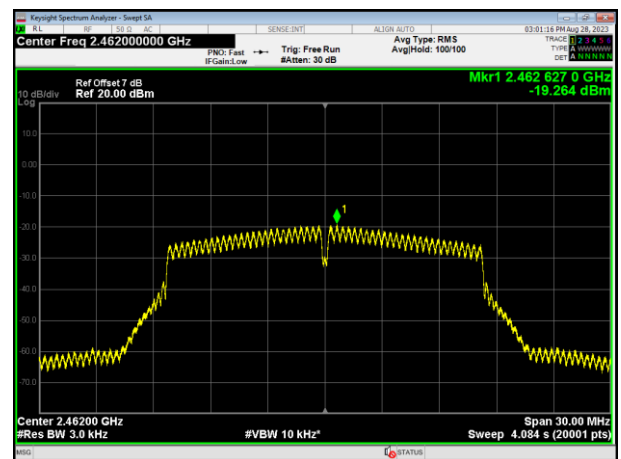
2412MHz



2437MHz



2437MHz

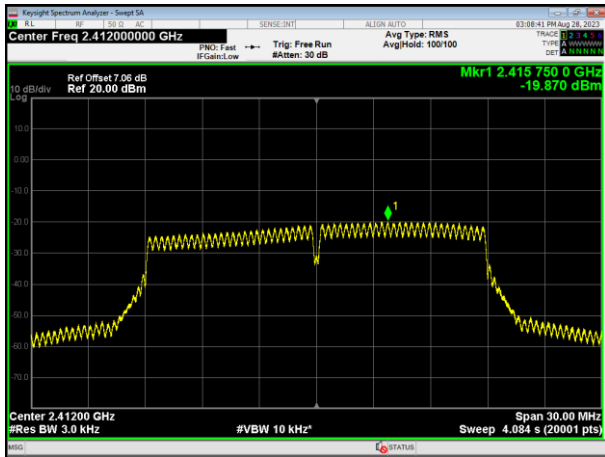


2462MHz

2462MHz

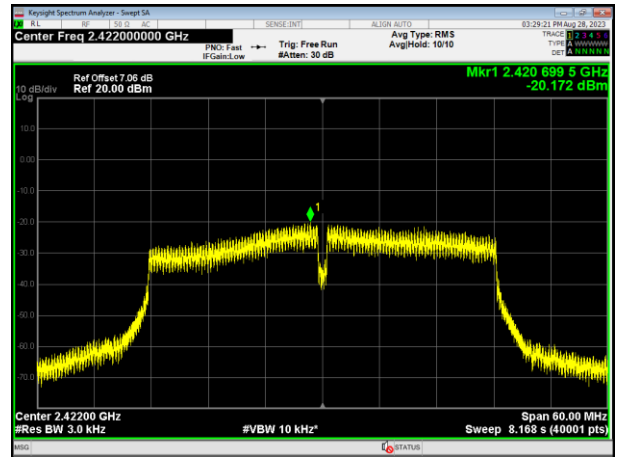


802.11n HT20

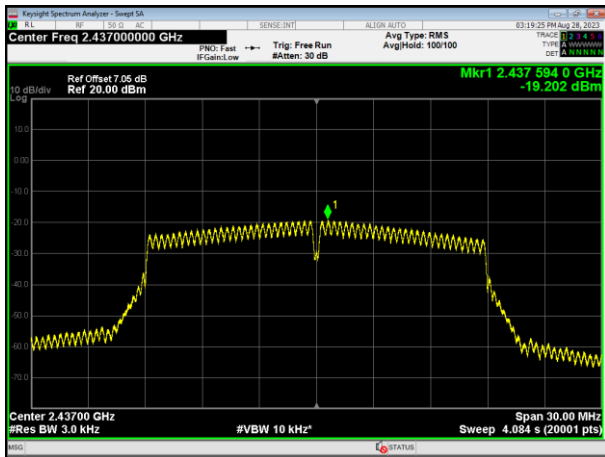


2412MHz

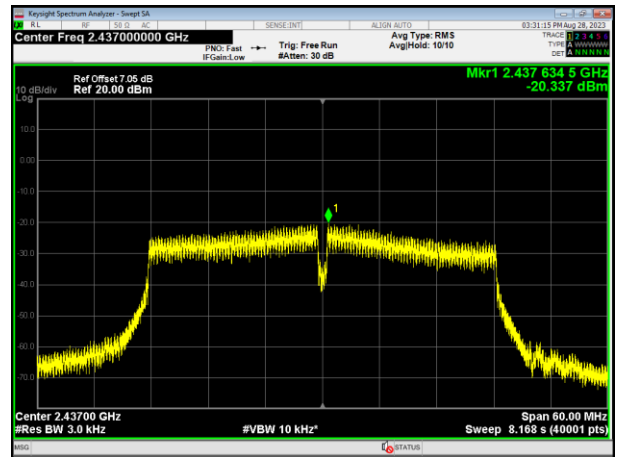
802.11n HT40



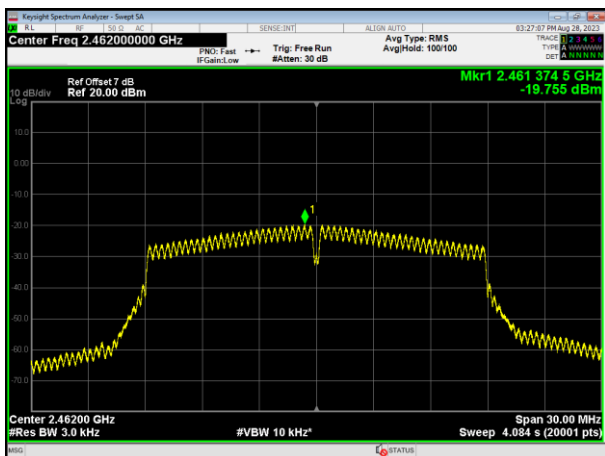
2422MHz



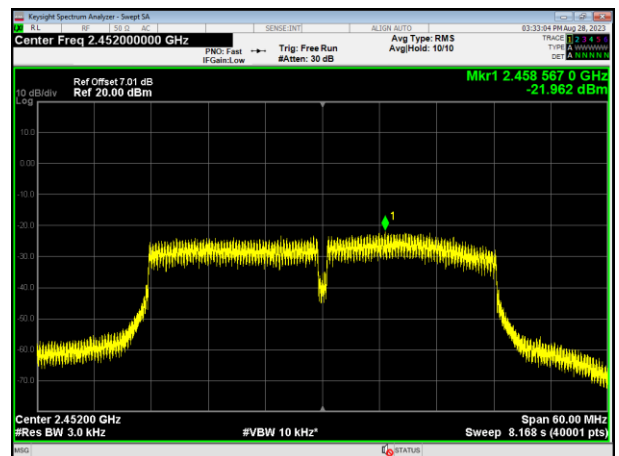
2437MHz



2437MHz



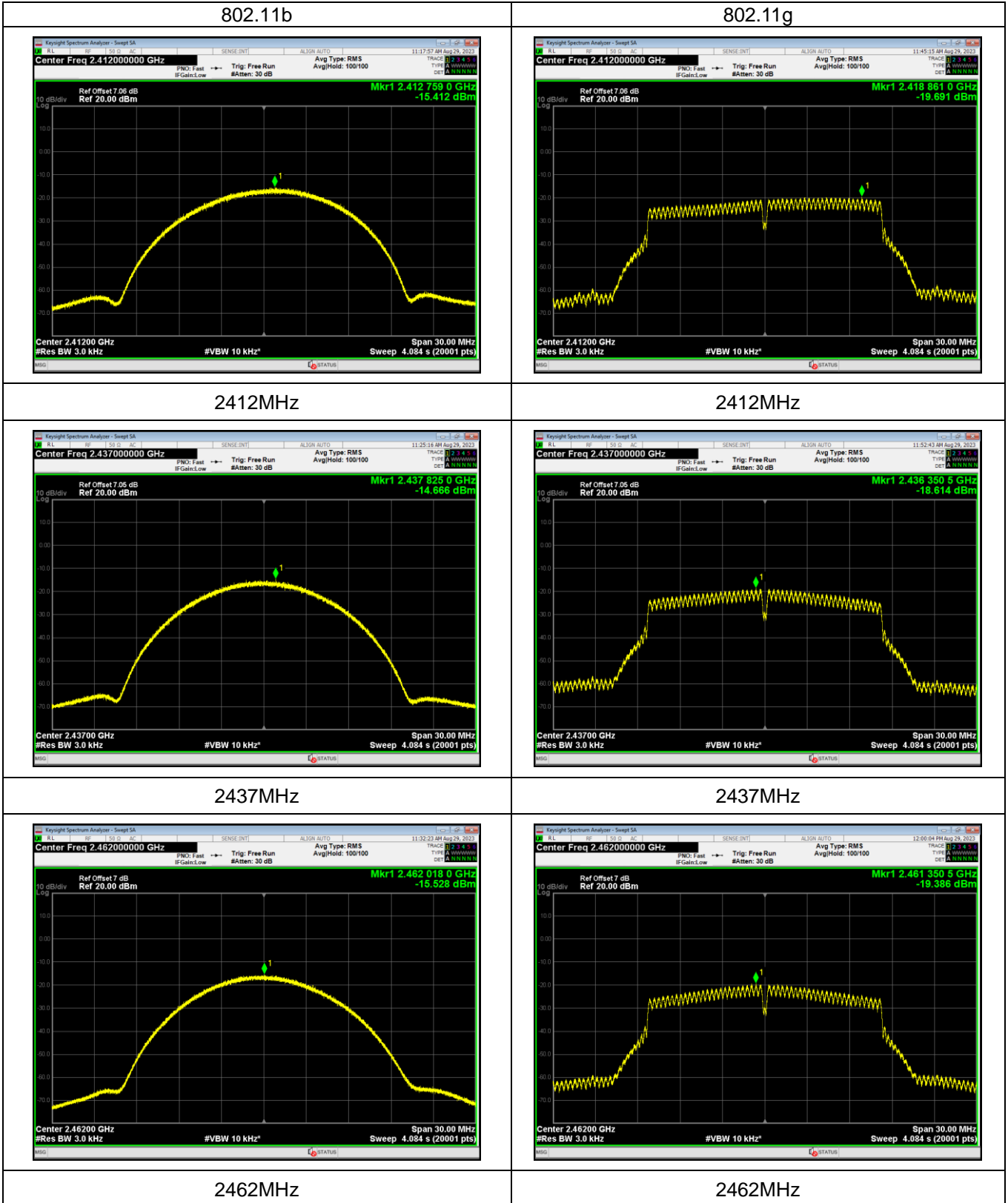
2462MHz



2452MHz

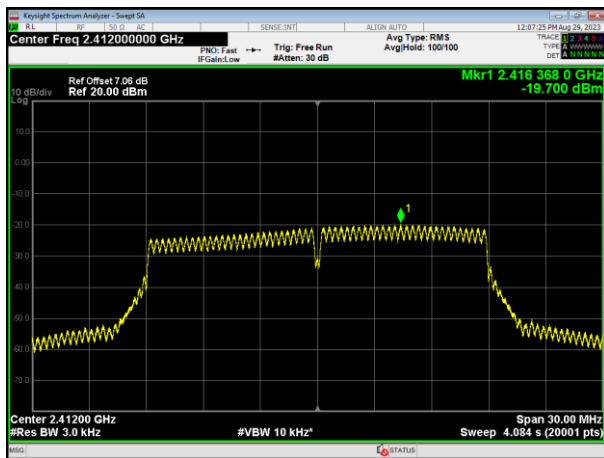


Antenna2:



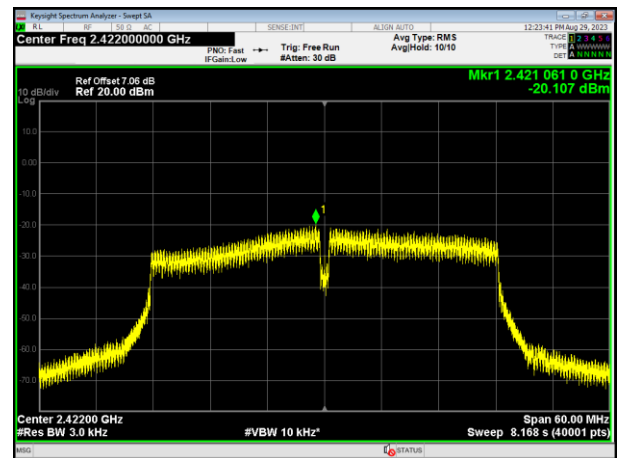


802.11n HT20

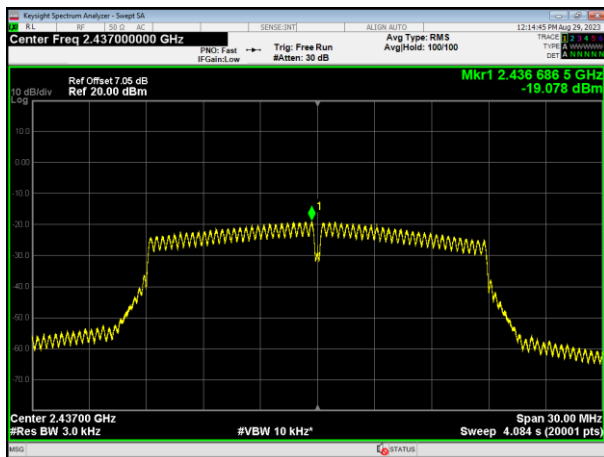


2412MHz

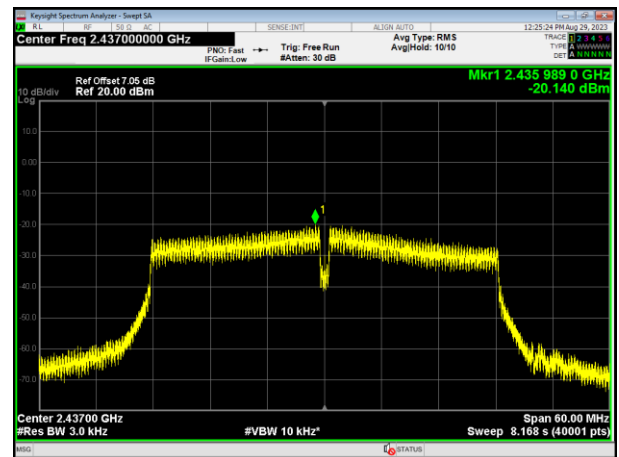
802.11n HT40



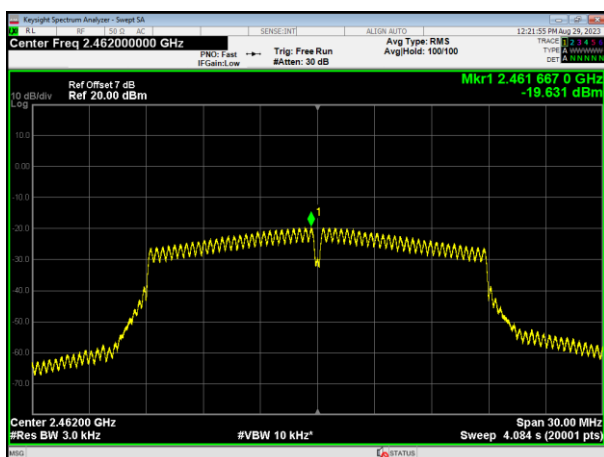
2422MHz



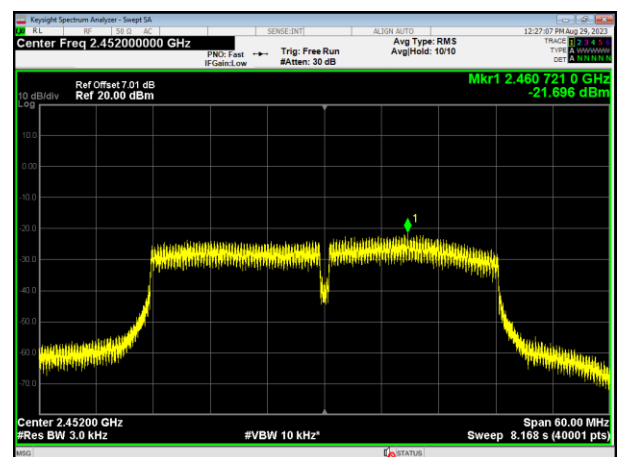
2437MHz



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.

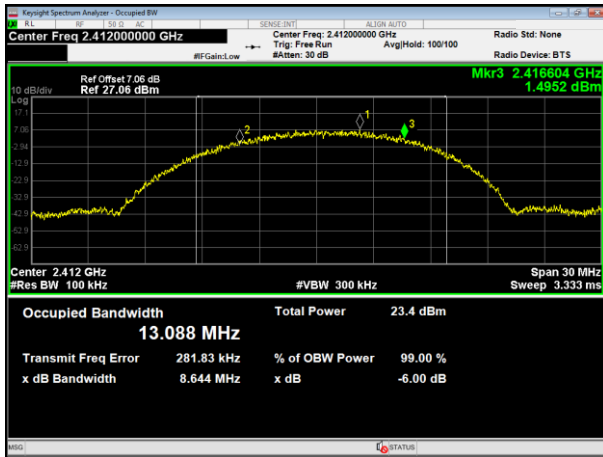
**6.1.5 TEST RESULTS**

| 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 | | |

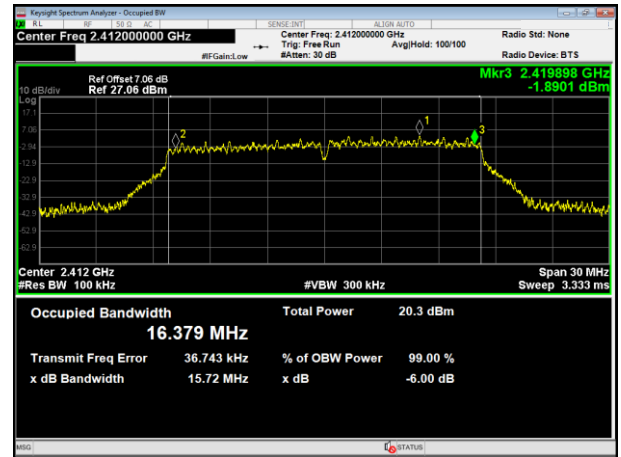


Antenna1:

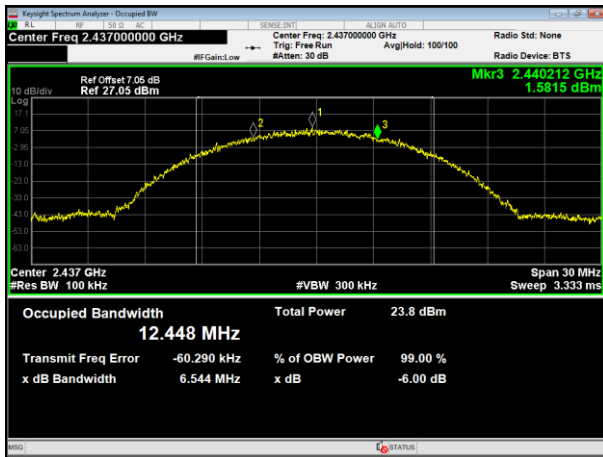
802.11b



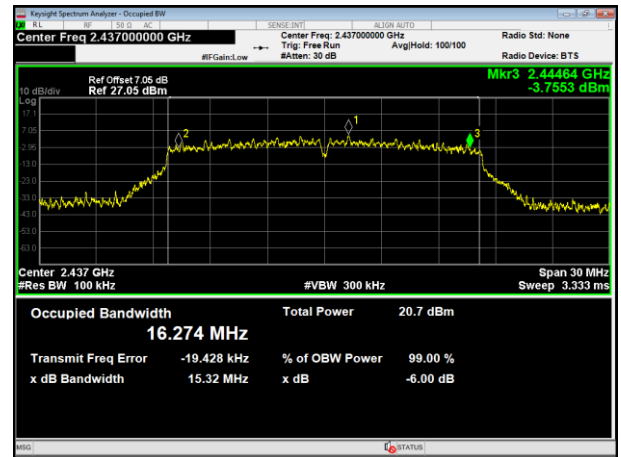
802.11g



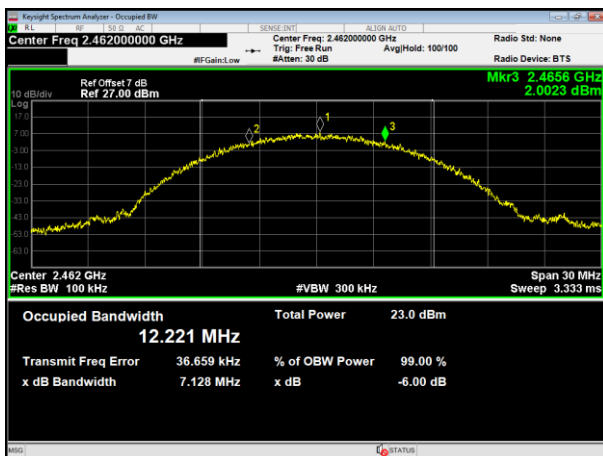
2412MHz



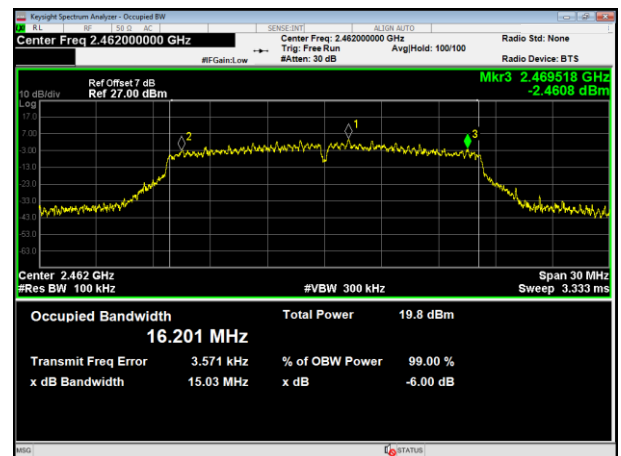
2412MHz



2437MHz



2437MHz

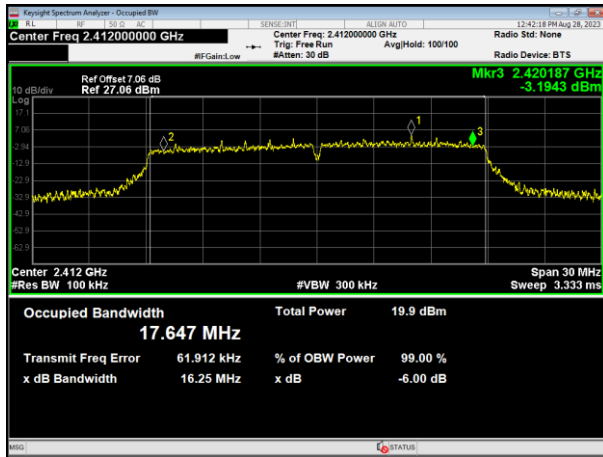


2462MHz

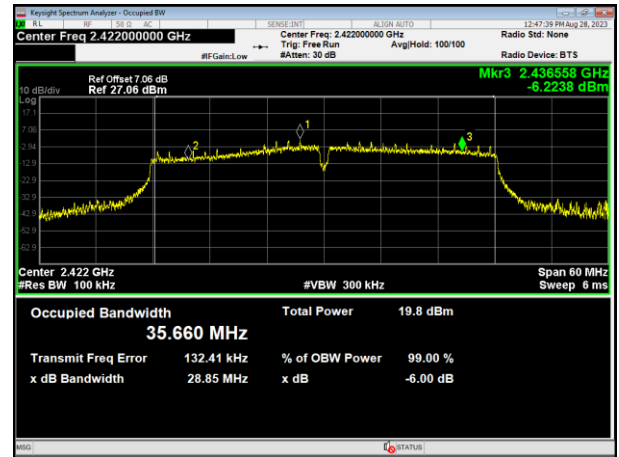
2462MHz



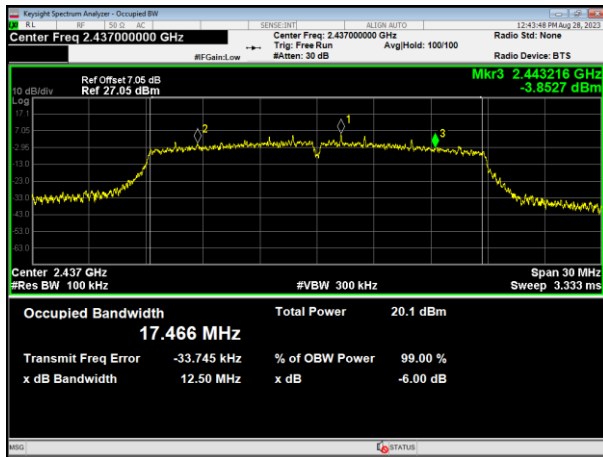
802.11n HT20



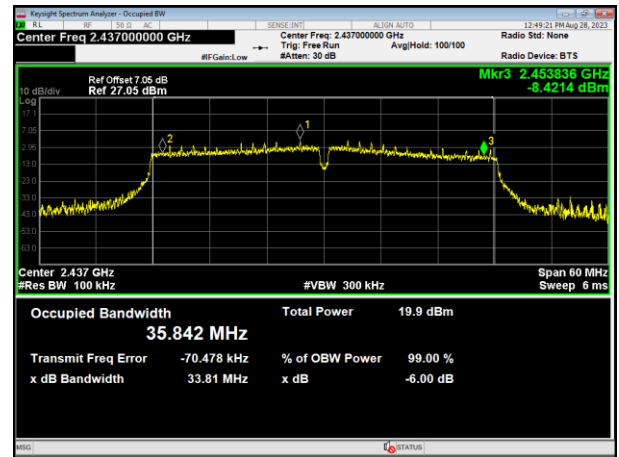
802.11n HT40



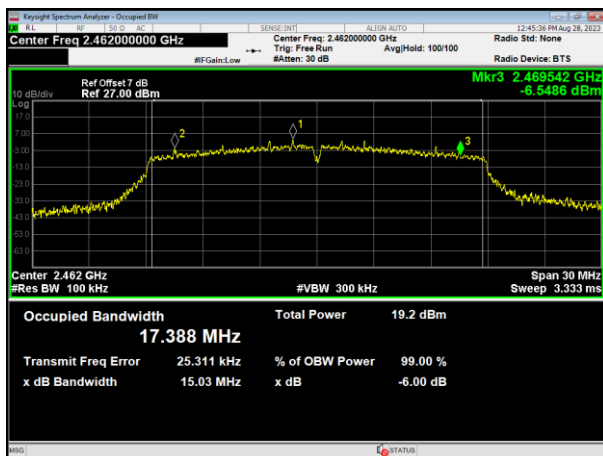
2412MHz



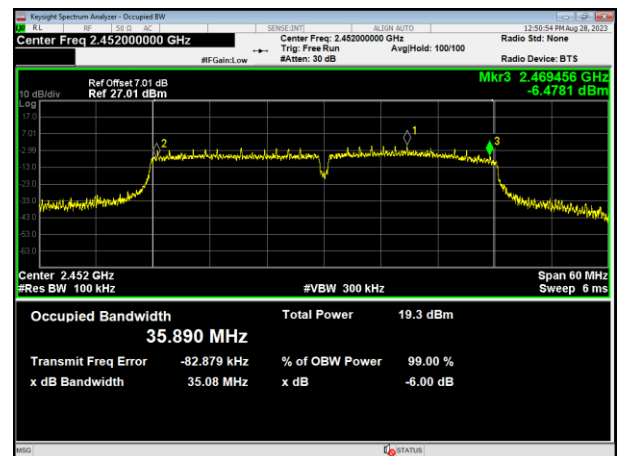
2422MHz



2437MHz



2437MHz



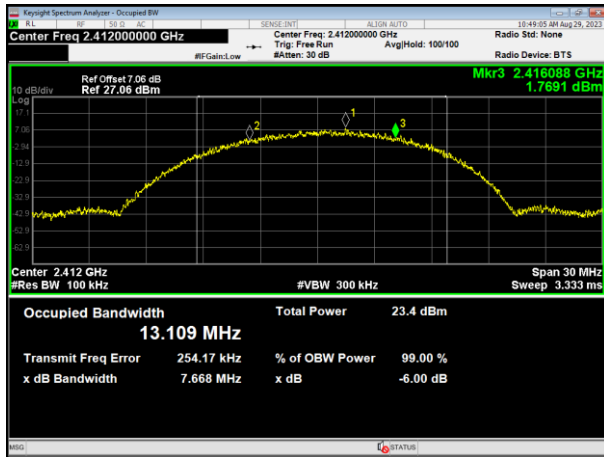
2462MHz

2452MHz

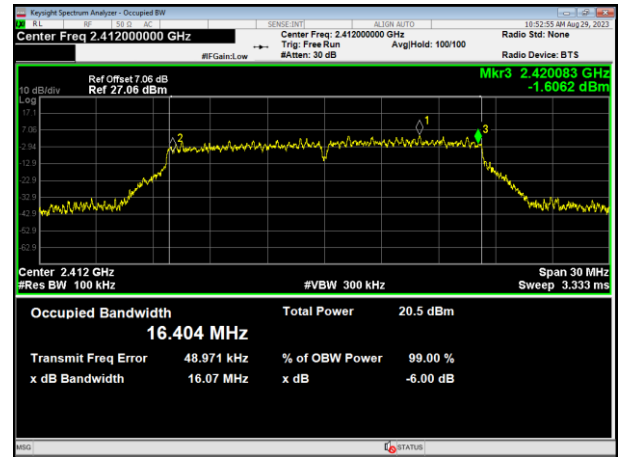


Antenna2:

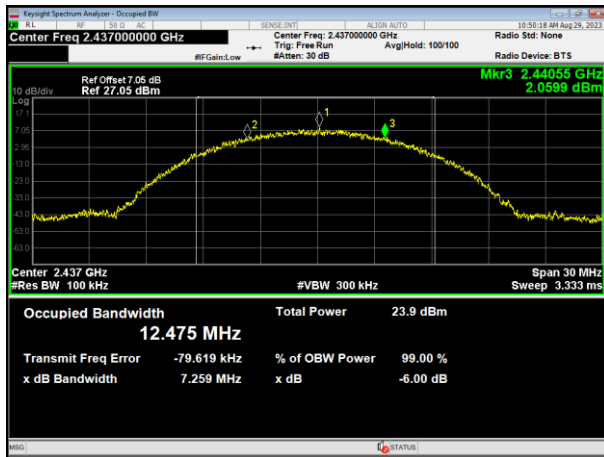
802.11b



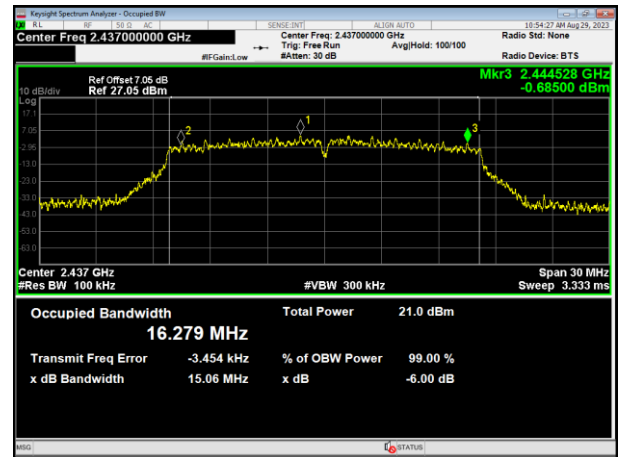
802.11g



2412MHz



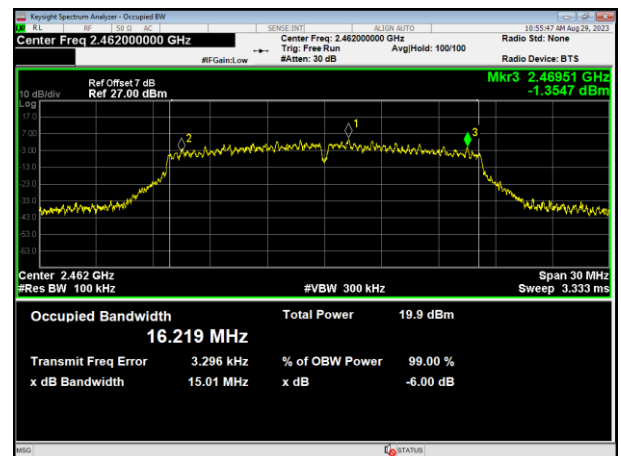
2412MHz



2437MHz



2437MHz

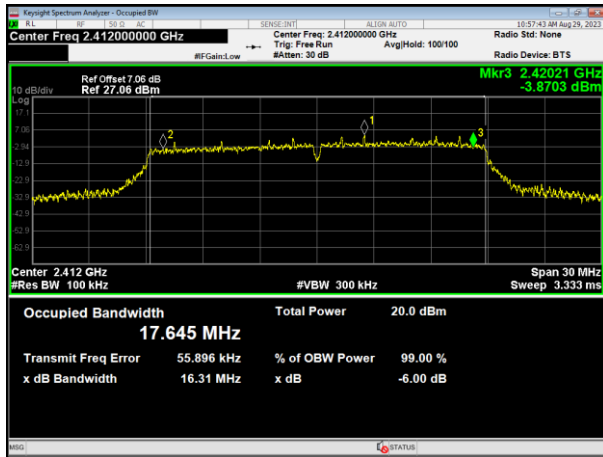


2462MHz

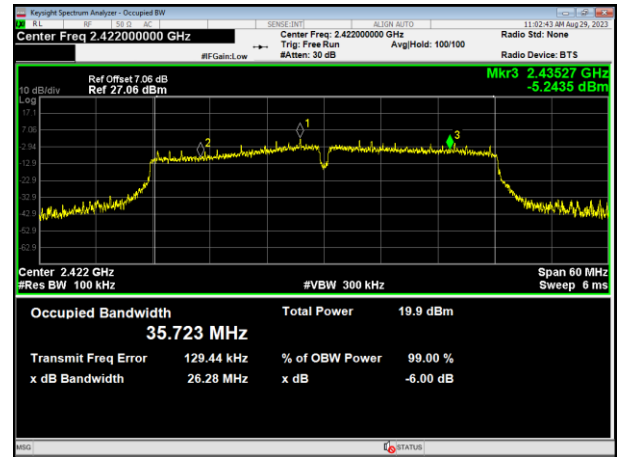
2462MHz



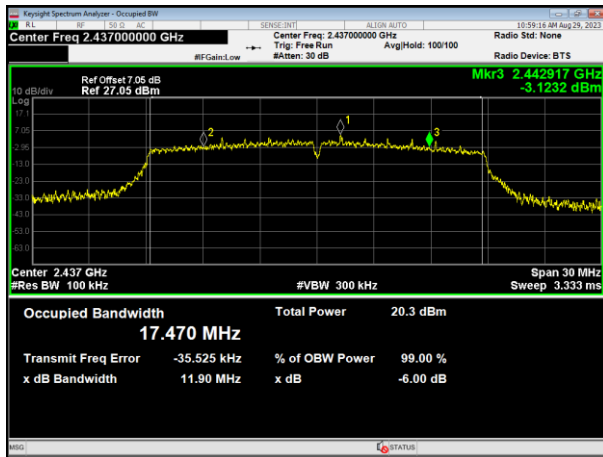
802.11n HT20



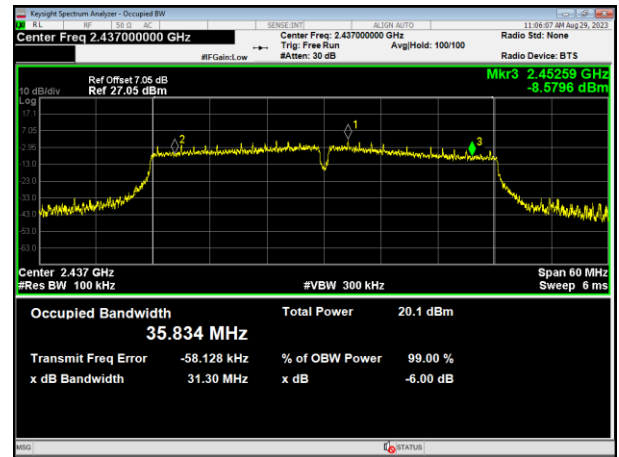
802.11n HT40



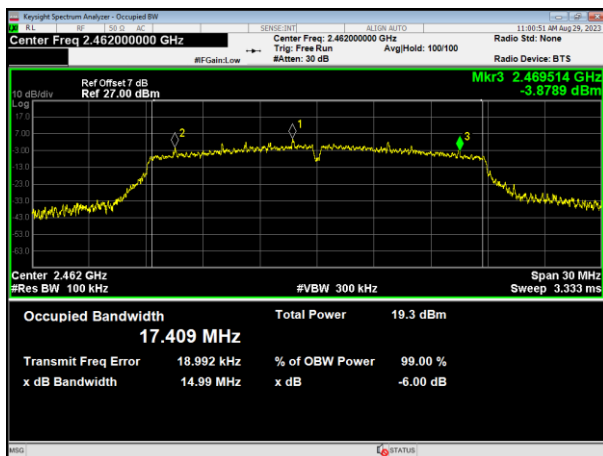
2412MHz



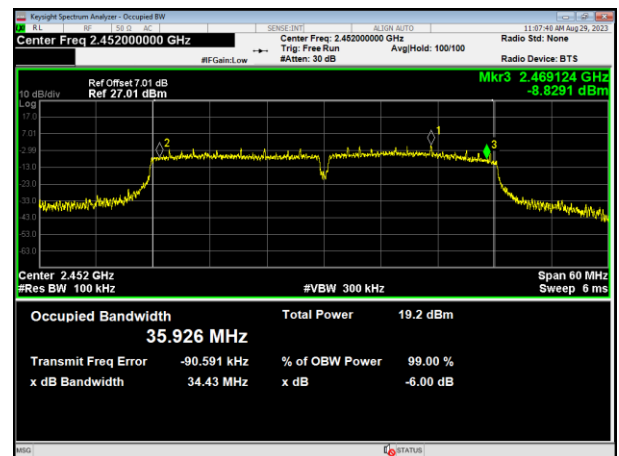
2422MHz



2437MHz



2437MHz



2462MHz

2452MHz



7. ANTENNA REQUIREMENT

7.1 STANDARD REQUIREMENT

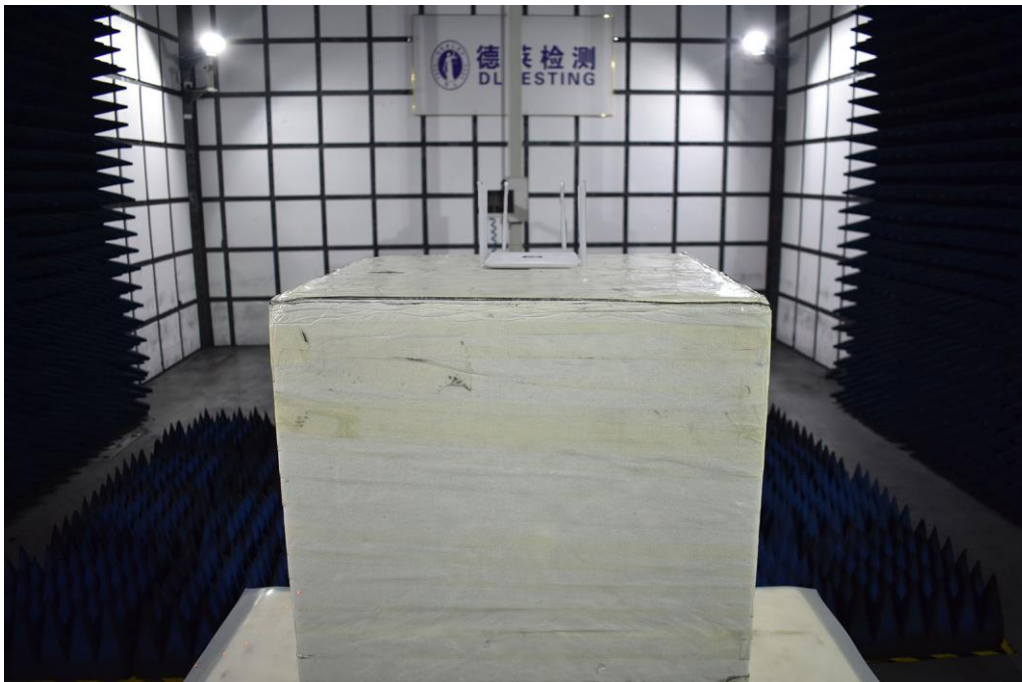
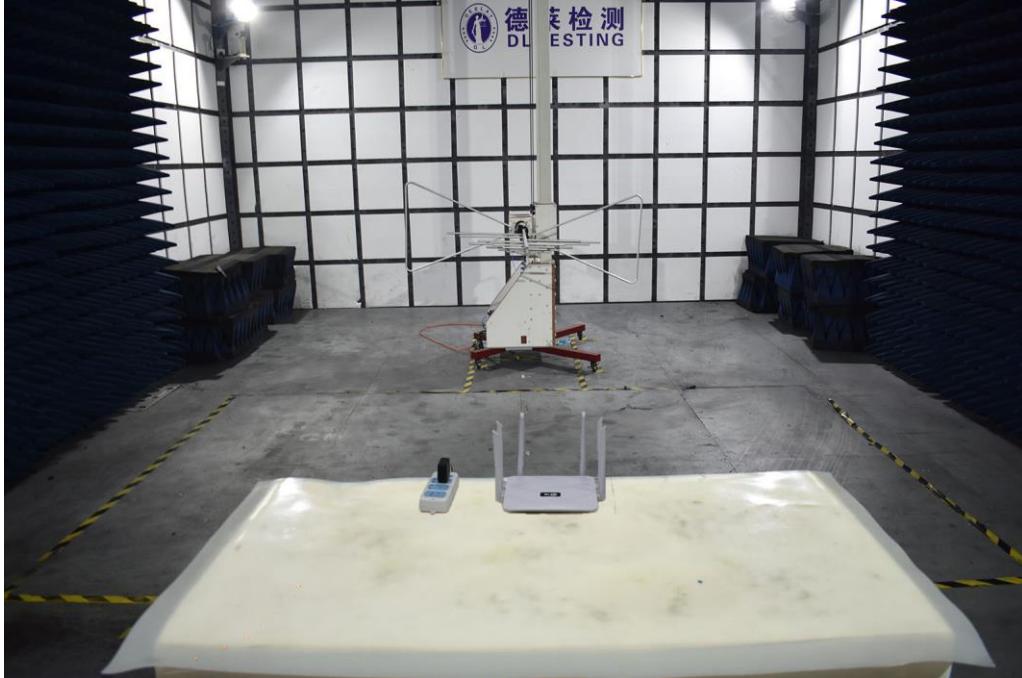
15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

7.2 EUT ANTENNA

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

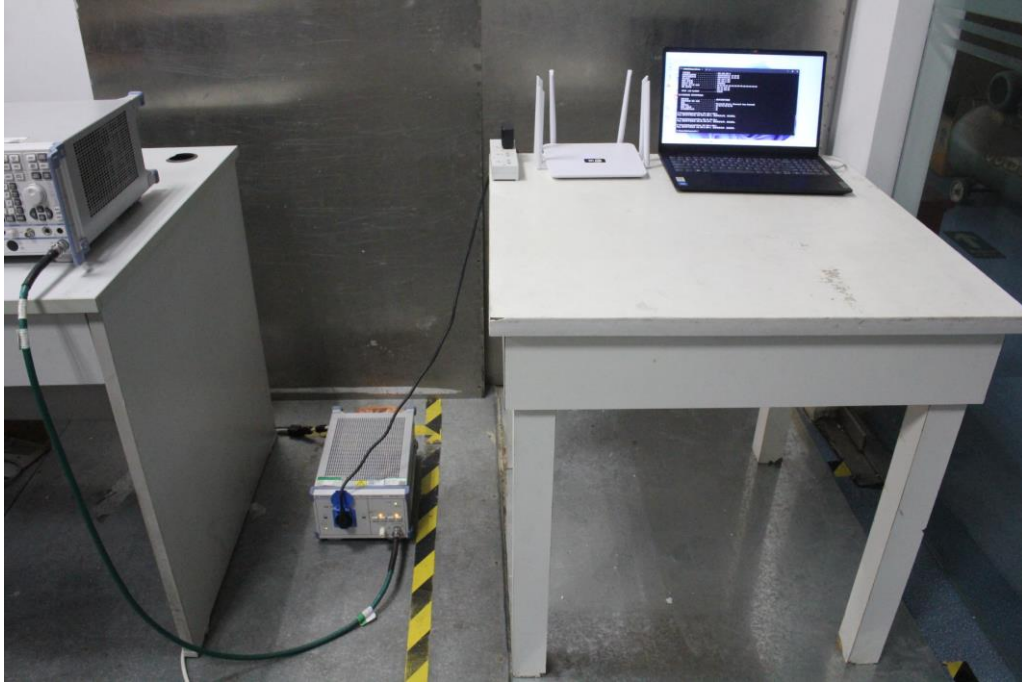
8. TEST SEUUP PHOTO

Radiated Measurement Photos





Conducted Measurement Photos

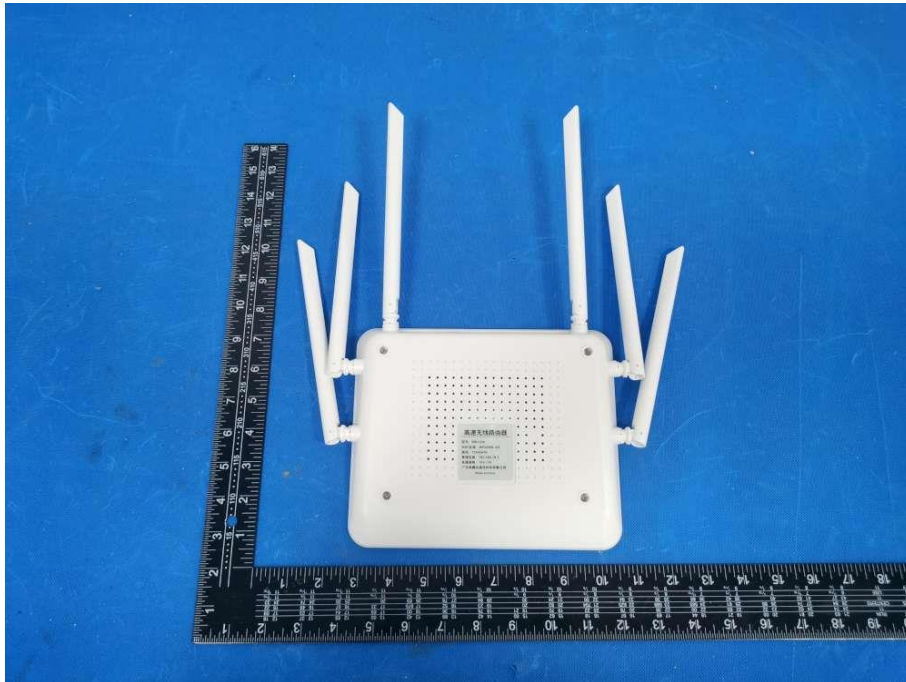
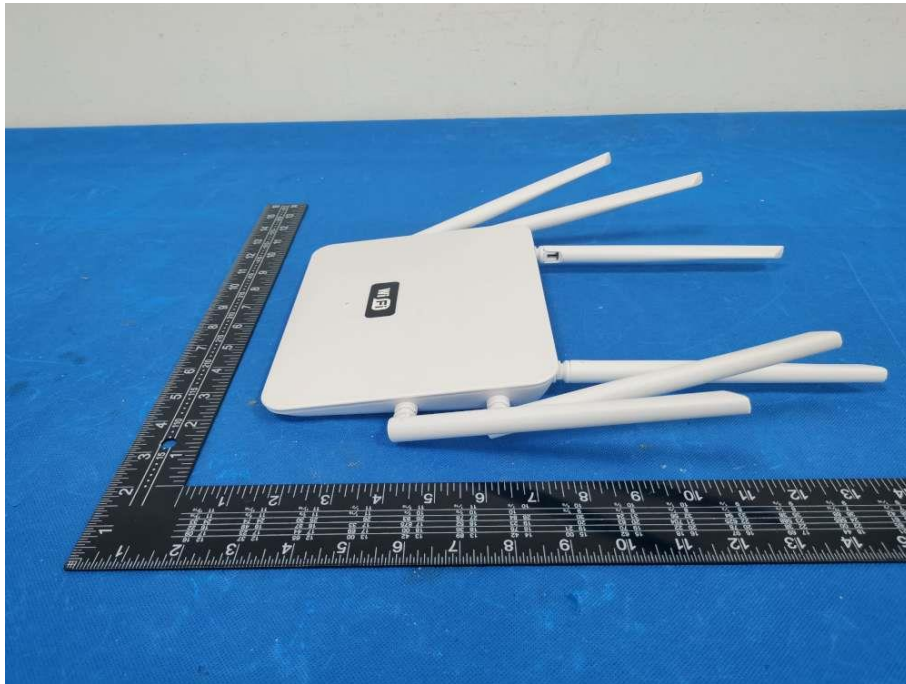


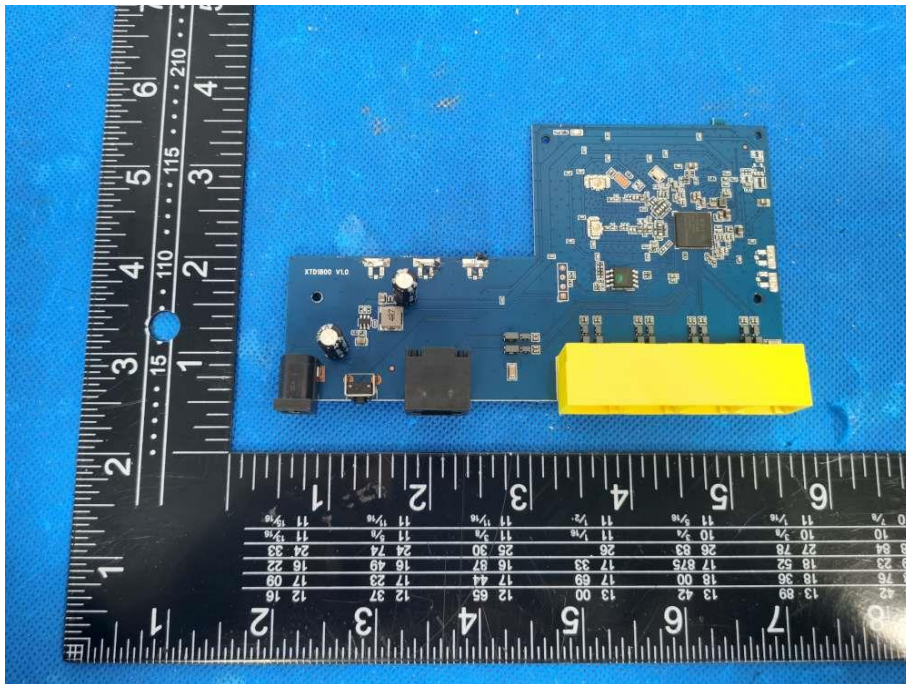
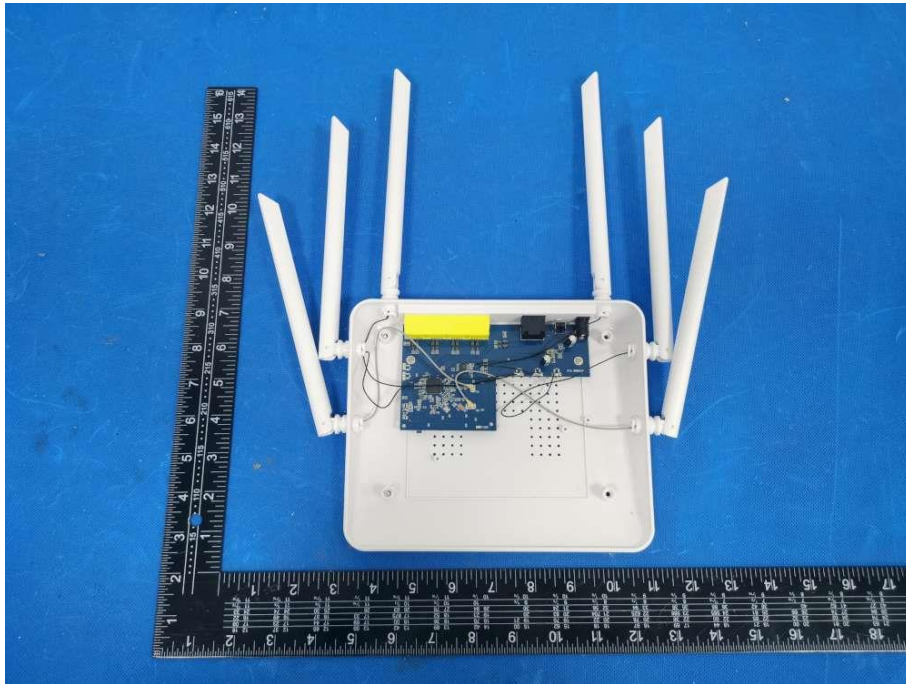
9. EUT PHOTO

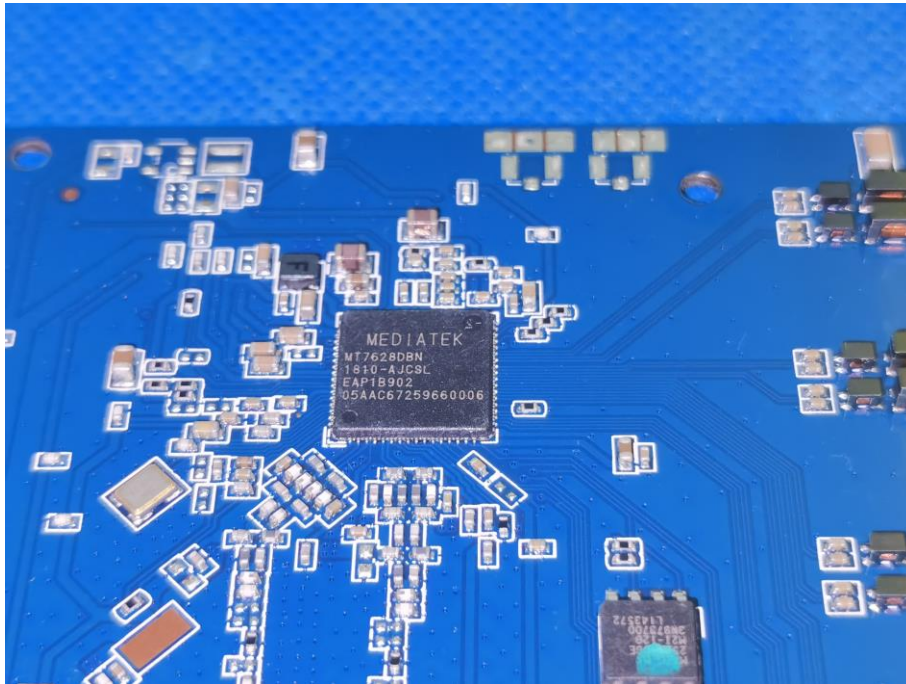
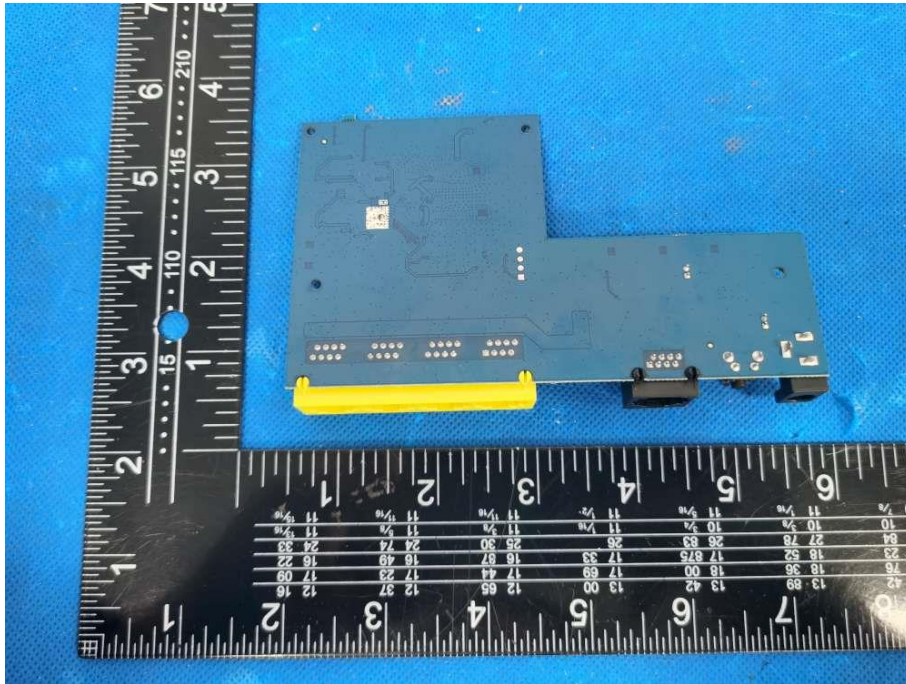












***** END OF REPORT *****