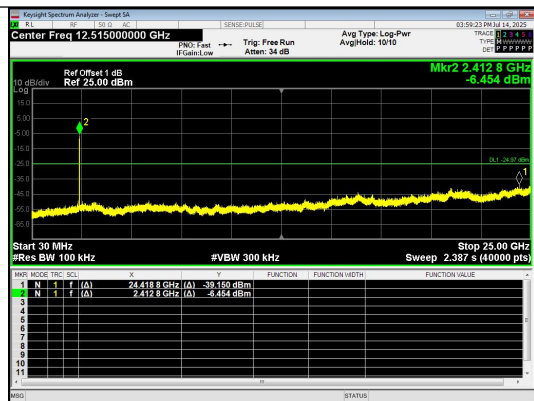
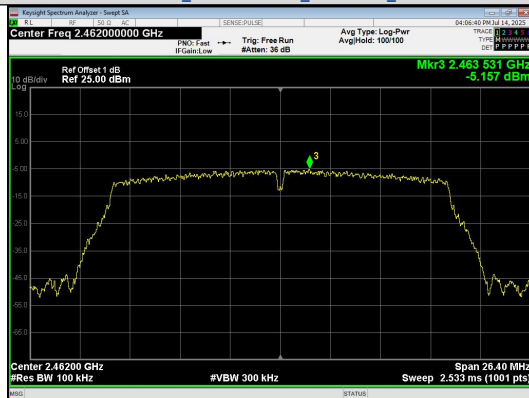




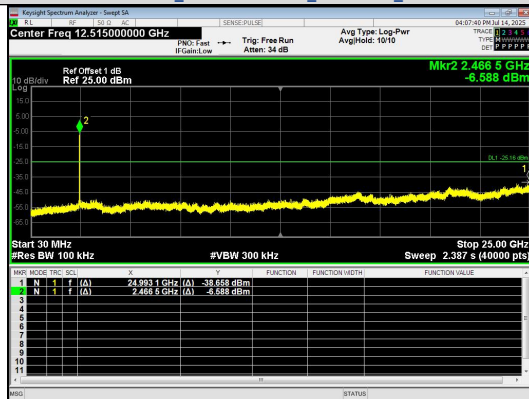
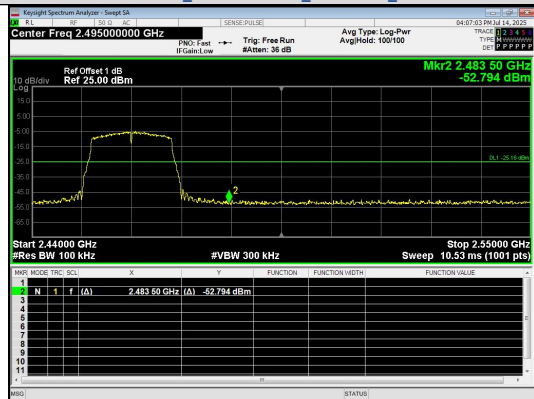
30.0 MHz - 25000.0 MHz  
IEEE 802.11n\_Channel 1\_20MHz\_Antenna 0

In-Band Reference Level  
IEEE 802.11n\_Channel 6\_20MHz\_Antenna 0



30.0 MHz - 25000.0 MHz  
IEEE 802.11n\_Channel 6\_20MHz\_Antenna 0

In-Band Reference Level  
IEEE 802.11n\_Channel 11\_20MHz\_Antenna 0



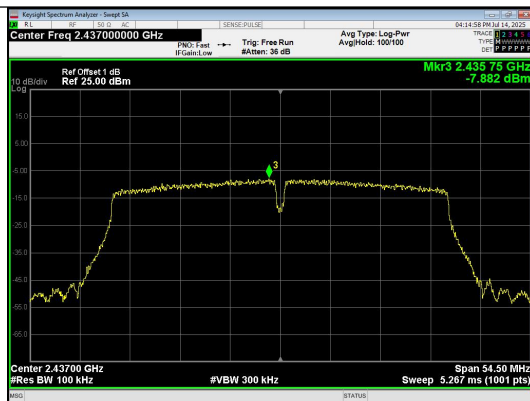
Out Of Band Emission  
IEEE 802.11n\_Channel 11\_20MHz\_Antenna 0

30.0 MHz - 25000.0 MHz  
IEEE 802.11n\_Channel 11\_20MHz\_Antenna 0



In-Band Reference Level  
IEEE 802.11n\_Channel 3\_40MHz\_Antenna 0

Out Of Band Emission  
IEEE 802.11n\_Channel 3\_40MHz\_Antenna 0



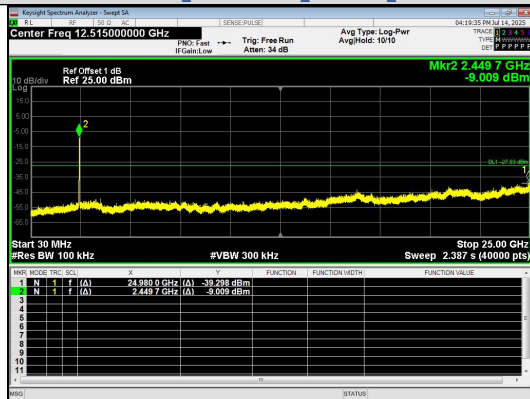
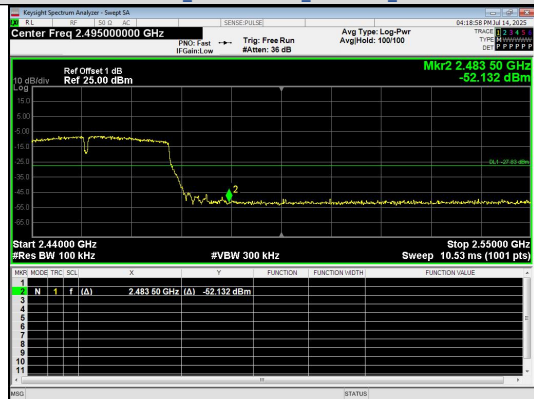
30.0 MHz - 25000.0 MHz  
IEEE 802.11n\_Channel 3\_40MHz\_Antenna 0

In-Band Reference Level  
IEEE 802.11n\_Channel 6\_40MHz\_Antenna 0



30.0 MHz - 25000.0 MHz  
IEEE 802.11n\_Channel 6\_40MHz\_Antenna 0

In-Band Reference Level  
IEEE 802.11n\_Channel 9\_40MHz\_Antenna 0



Out Of Band Emission  
IEEE 802.11n\_Channel 9\_40MHz\_Antenna 0

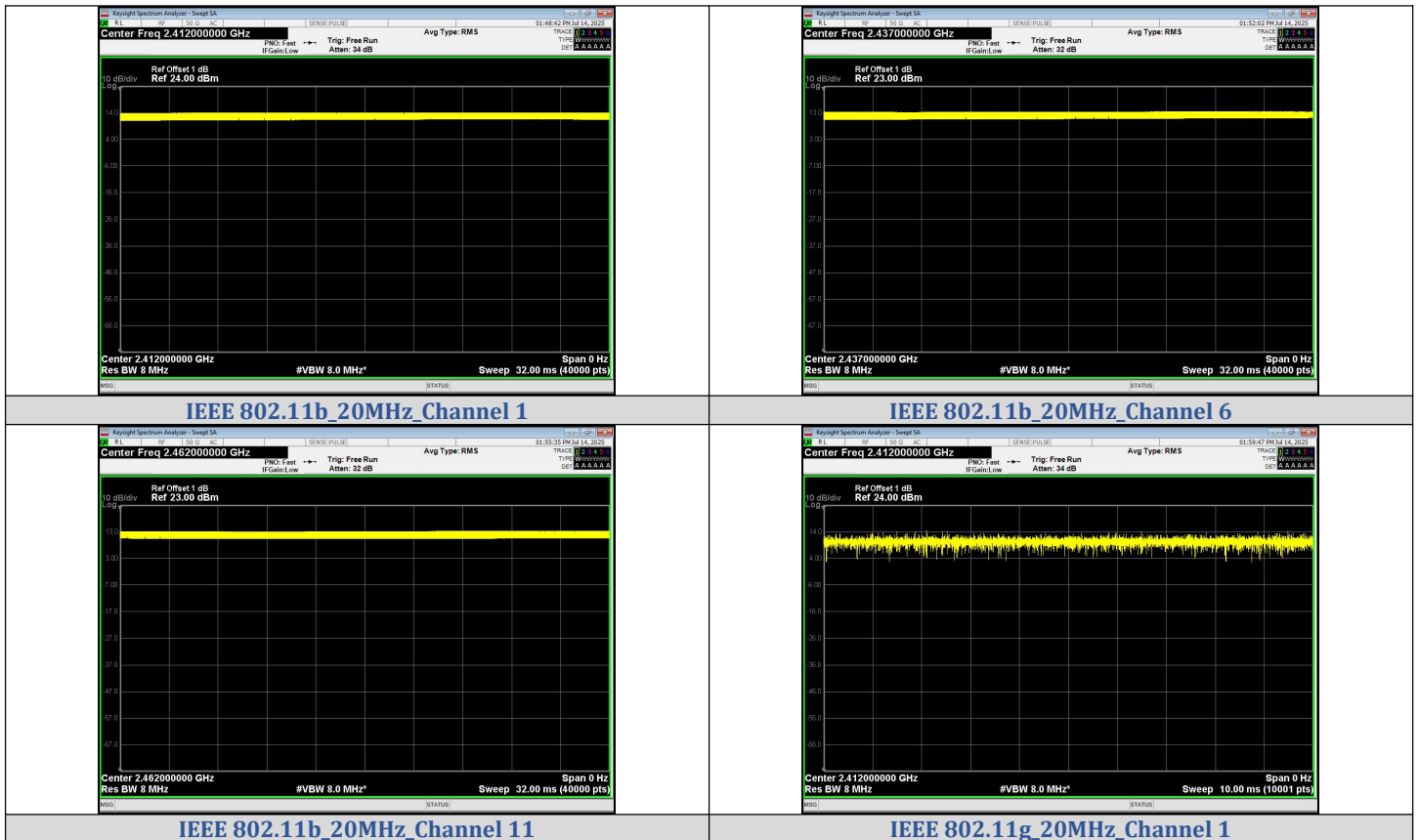
30.0 MHz - 25000.0 MHz  
IEEE 802.11n\_Channel 9\_40MHz\_Antenna 0

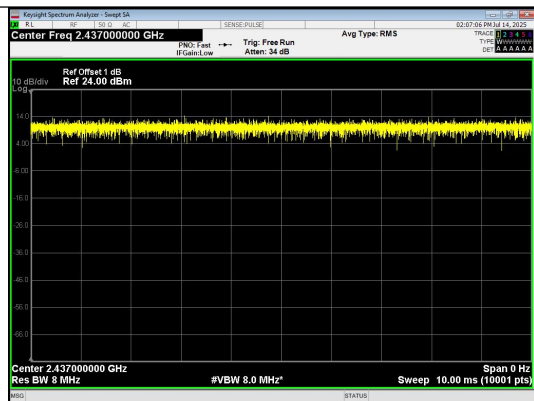
## Duty Cycle

### Test Result

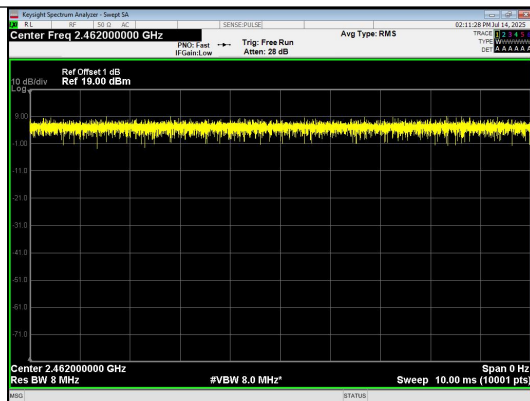
| Mode            | Data rates | Channel | Antenna | On Time (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle (linear) | Duty Cycle Factor (dB) | 1/T    |
|-----------------|------------|---------|---------|--------------|-------------|----------------|---------------------|------------------------|--------|
| IEEE 802.11b    | 1          | 1       | 0       | 32.000       | 32.000      | 100            | 1                   | 0.0                    | 0.0312 |
|                 |            | 6       |         | 32.000       | 32.000      | 100            | 1                   | 0.0                    | 0.0312 |
|                 |            | 11      |         | 32.000       | 32.000      | 100            | 1                   | 0.0                    | 0.0312 |
| IEEE 802.11g    |            | 1       |         | 10.000       | 10.000      | 100            | 1                   | 0.0                    | 0.1000 |
|                 |            | 6       |         | 10.000       | 10.000      | 100            | 1                   | 0.0                    | 0.1000 |
|                 |            | 11      |         | 10.000       | 10.000      | 100            | 1                   | 0.0                    | 0.1000 |
| IEEE 802.11n_20 | MCS 0      | 1       |         | 10.000       | 10.000      | 100            | 1                   | 0.0                    | 0.1000 |
|                 |            | 6       |         | 10.000       | 10.000      | 100            | 1                   | 0.0                    | 0.1000 |
|                 |            | 11      |         | 10.000       | 10.000      | 100            | 1                   | 0.0                    | 0.1000 |
| IEEE 802.11n_40 |            | 3       |         | 10.000       | 10.000      | 100            | 1                   | 0.0                    | 0.1000 |
|                 |            | 6       |         | 10.000       | 10.000      | 100            | 1                   | 0.0                    | 0.1000 |
|                 |            | 9       |         | 10.000       | 10.000      | 100            | 1                   | 0.0                    | 0.1000 |

### Test Graphs

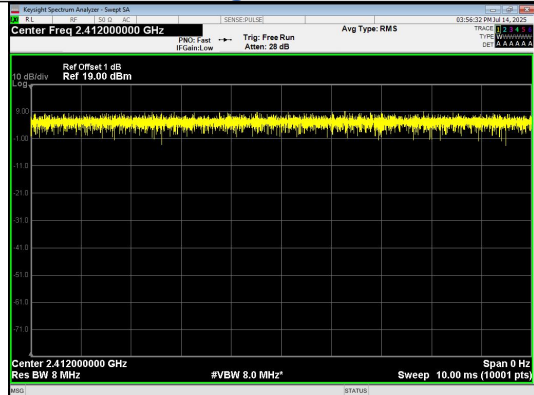




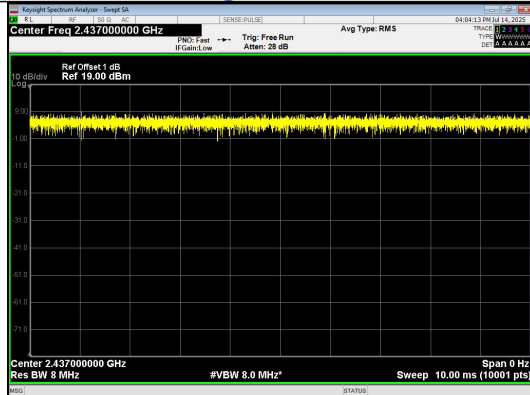
IEEE 802.11g\_20MHz\_Channel 6



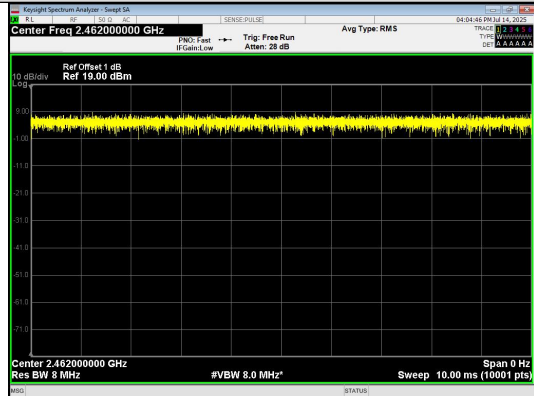
IEEE 802.11g\_20MHz\_Channel 11



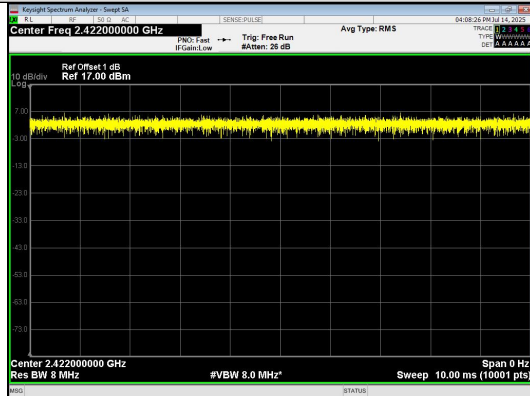
IEEE 802.11n\_20MHz\_Channel 1



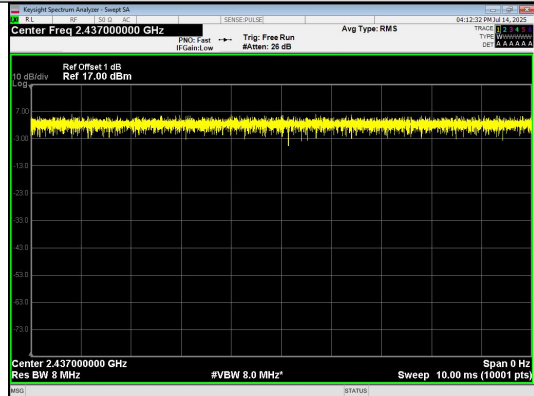
IEEE 802.11n\_20MHz\_Channel 6



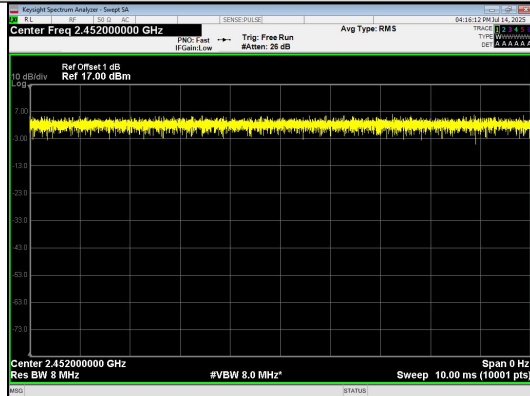
IEEE 802.11n\_20MHz\_Channel 11



IEEE 802.11n\_40MHz\_Channel 3



IEEE 802.11n\_40MHz\_Channel 6



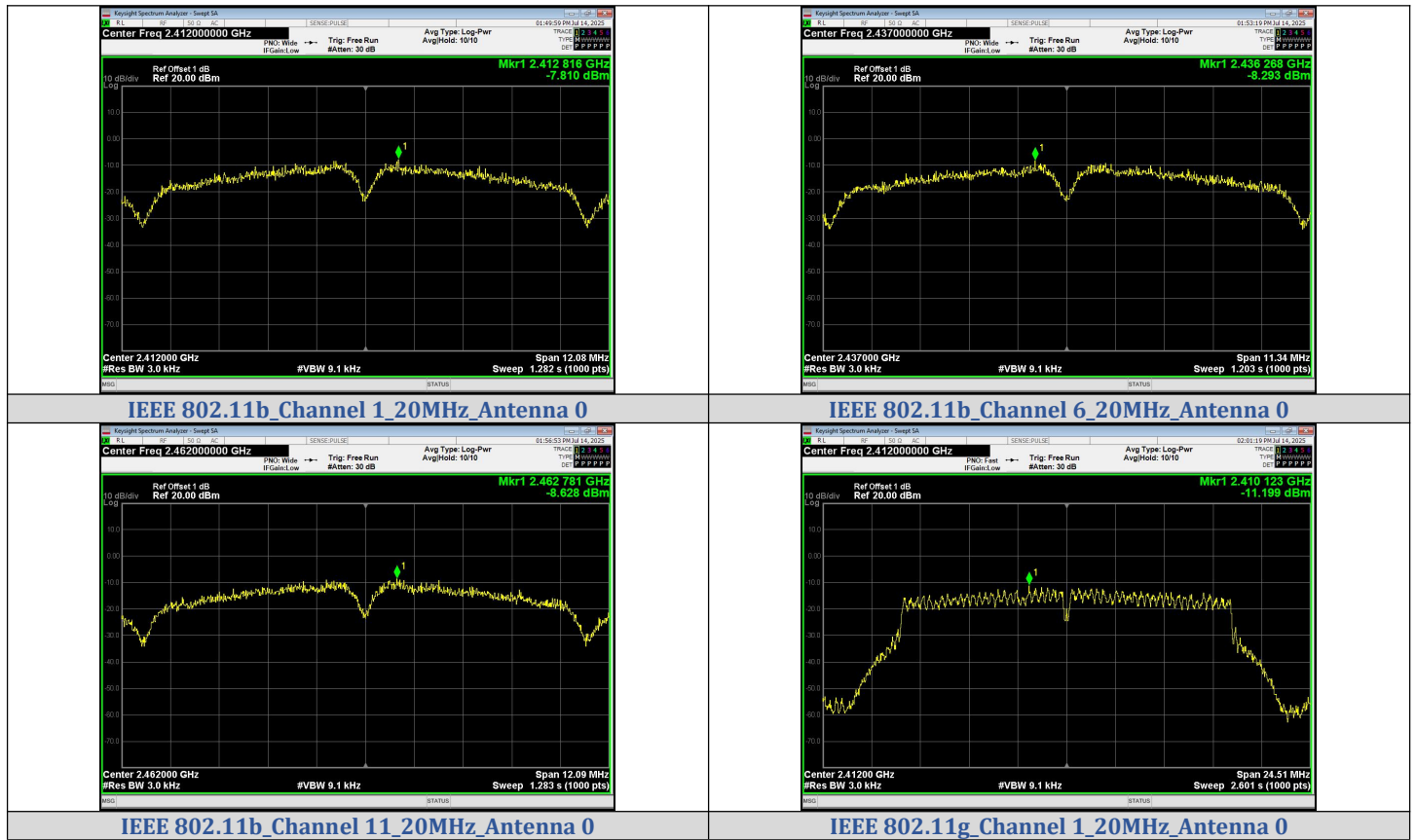
IEEE 802.11n\_40MHz\_Channel 9

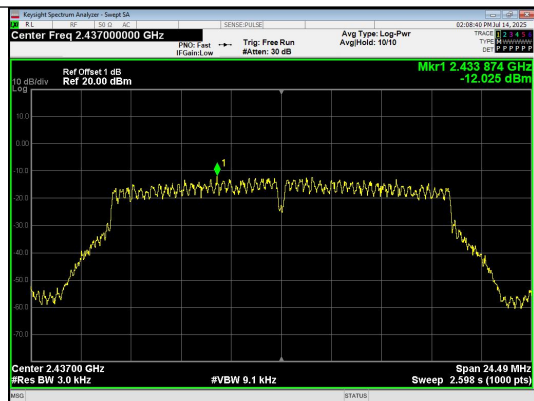
## Power Spectral Density

### Test Result

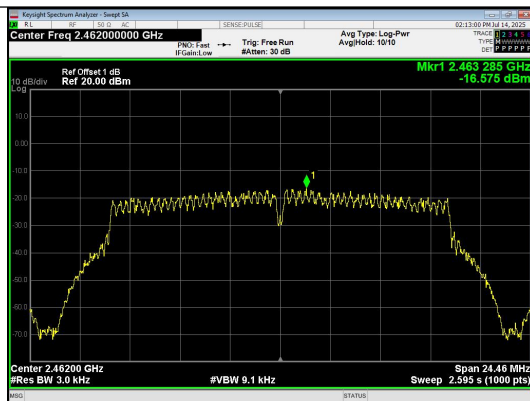
| Mode            | Channel | PSD<br>(dBm/3kHz)<br>Ant. 0 | Limit<br>(dBm/3kHz) | Result |
|-----------------|---------|-----------------------------|---------------------|--------|
| IEEE 802.11b    | 1       | -7.810                      | ≤8                  | PASS   |
|                 | 6       | -8.290                      |                     | PASS   |
|                 | 11      | -8.630                      |                     | PASS   |
| IEEE 802.11g    | 1       | -11.200                     |                     | PASS   |
|                 | 6       | -12.030                     |                     | PASS   |
|                 | 11      | -16.570                     |                     | PASS   |
| IEEE 802.11n_20 | 1       | -16.900                     |                     | PASS   |
|                 | 6       | -16.410                     |                     | PASS   |
|                 | 11      | -16.640                     |                     | PASS   |
| IEEE 802.11n_40 | 3       | -17.920                     |                     | PASS   |
|                 | 6       | -18.690                     |                     | PASS   |
|                 | 9       | -18.250                     |                     | PASS   |

### Test Graphs

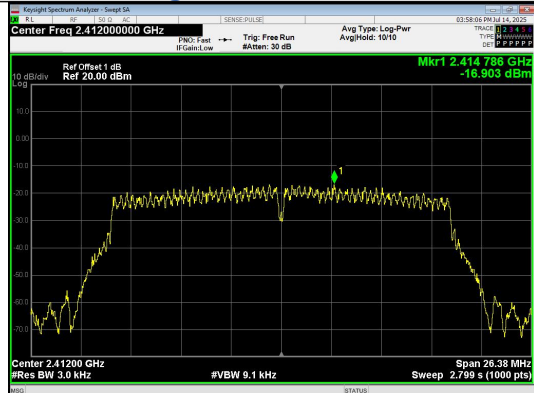




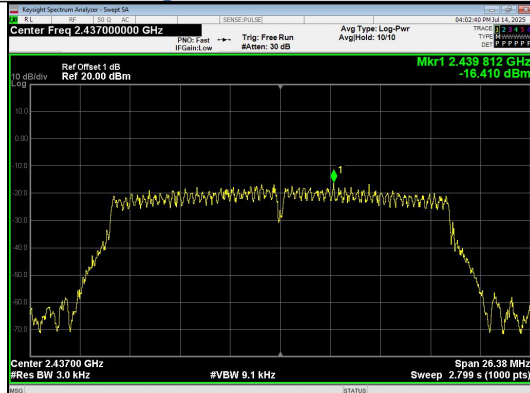
IEEE 802.11g\_Channel 6\_20MHz\_Antenna 0



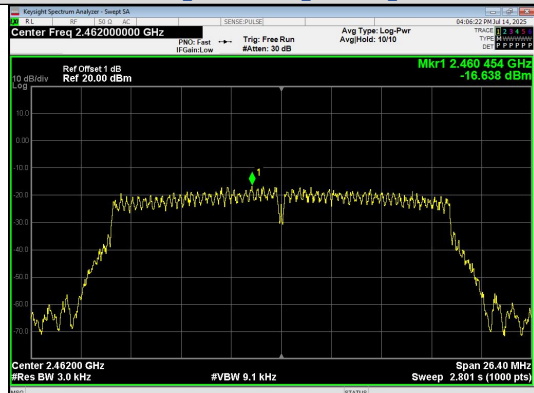
IEEE 802.11g\_Channel 11\_20MHz\_Antenna 0



IEEE 802.11n\_Channel 1\_20MHz\_Antenna 0



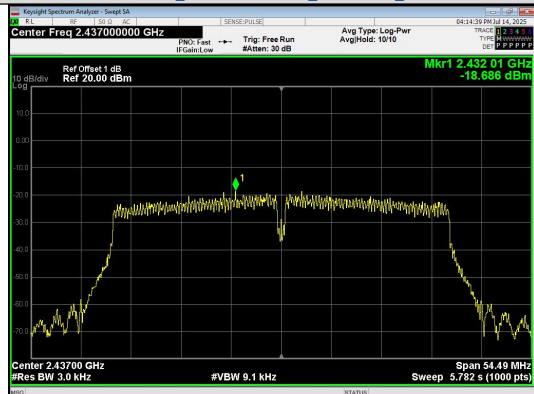
IEEE 802.11n\_Channel 6\_20MHz\_Antenna 0



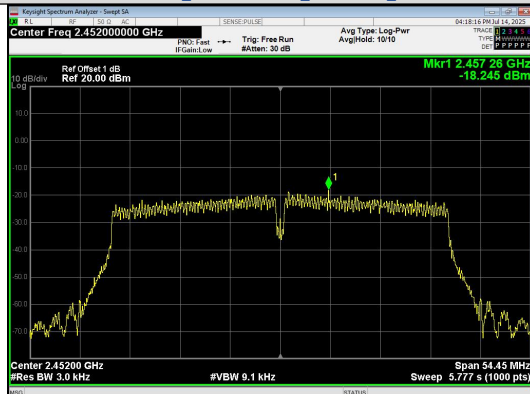
IEEE 802.11n\_Channel 11\_20MHz\_Antenna 0



IEEE 802.11n\_Channel 3\_40MHz\_Antenna 0



IEEE 802.11n\_Channel 6\_40MHz\_Antenna 0



IEEE 802.11n\_Channel 9\_40MHz\_Antenna 0