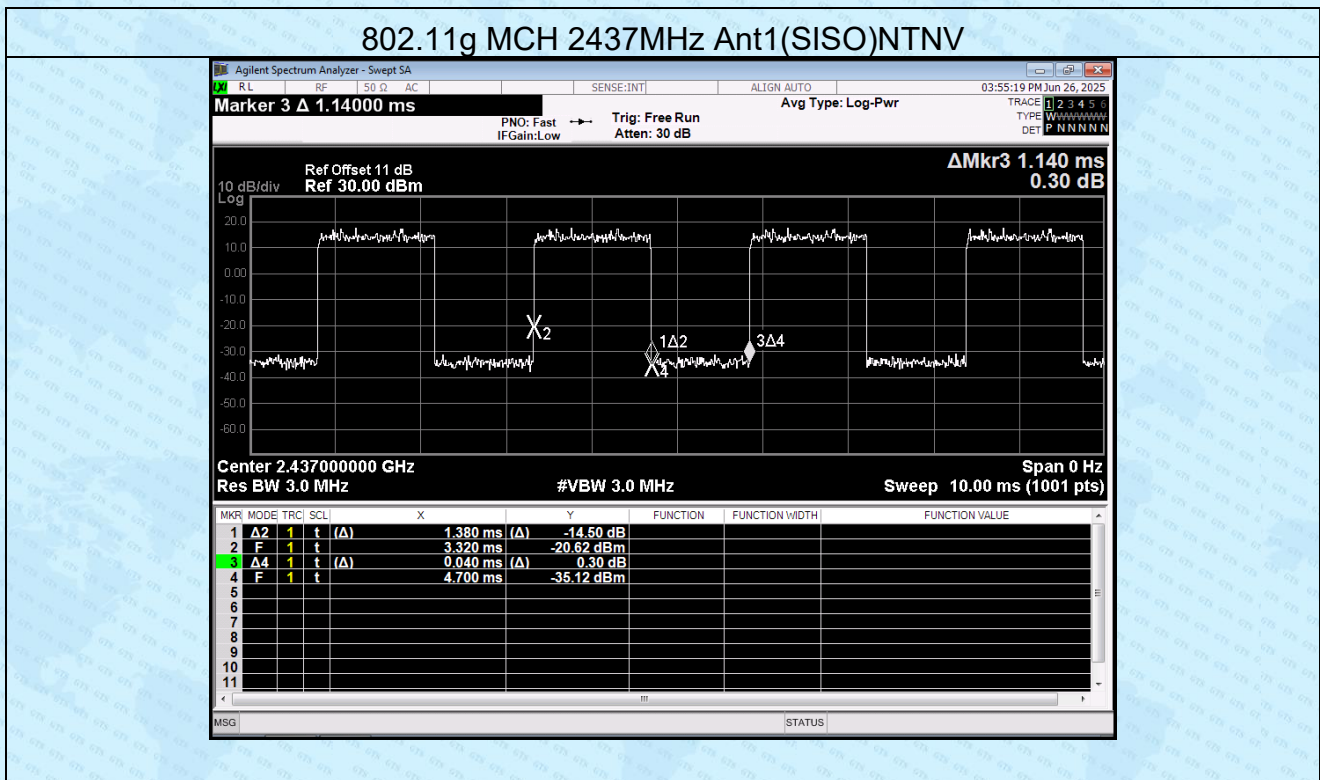
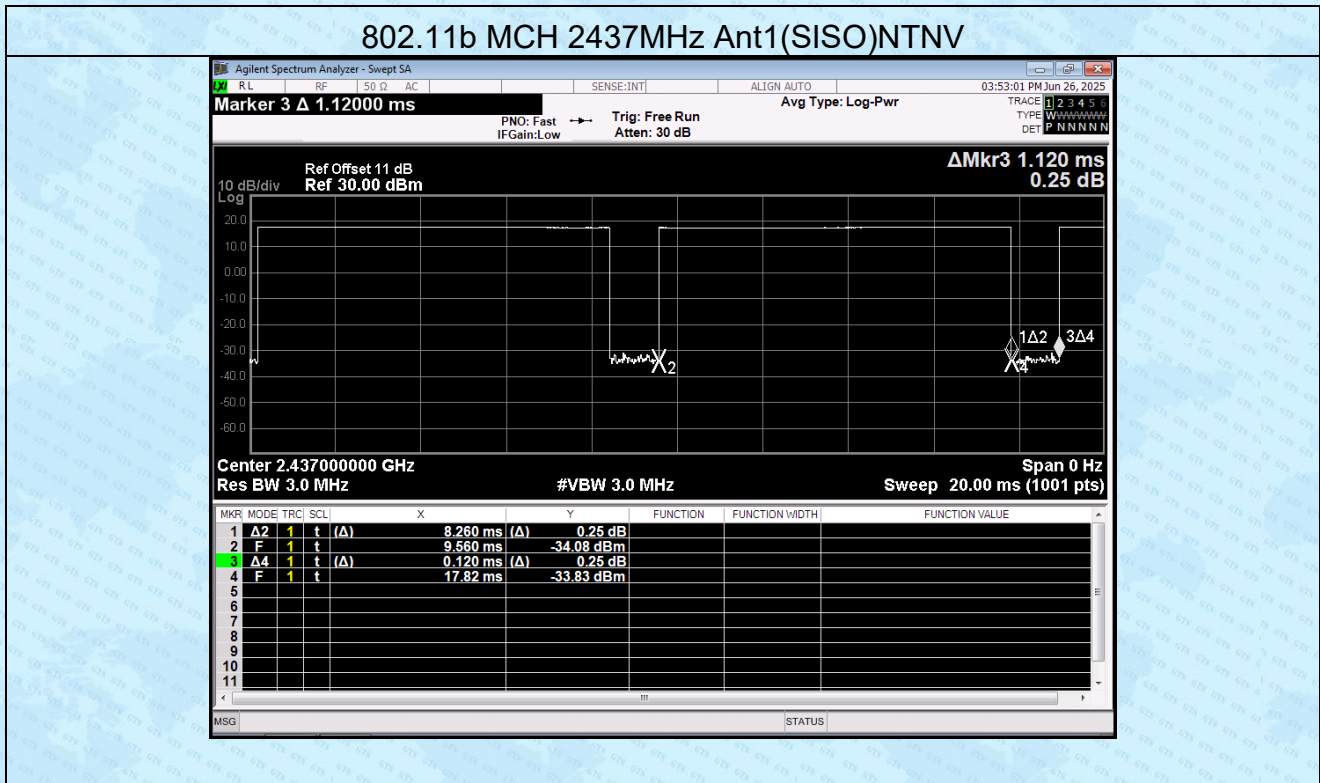


## 1. Duty Cycle

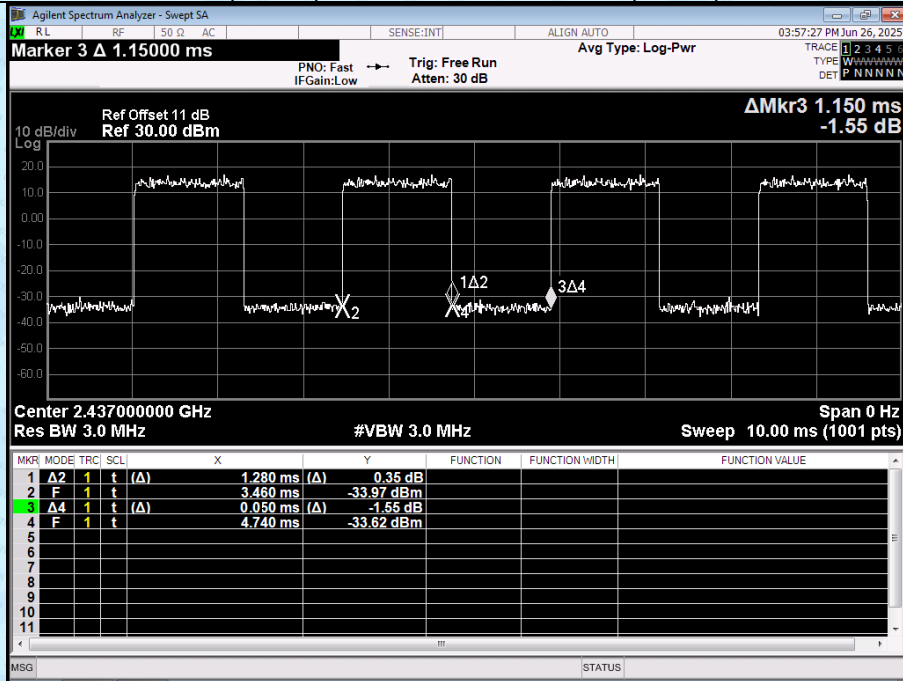
### 1.1 Test Result

| Mode           | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle(%) | Duty cycleCorrection Factor (dB) | Max. DC Variation(%) |
|----------------|---------|-----------------|-----------|-------------|---------------|----------------------------------|----------------------|
| 802.11b        | SISO    | 2437            | 8.24      | 8.36        | 98.56         | 0.02                             | 0.04                 |
| 802.11g        | SISO    | 2437            | 1.38      | 1.41        | 97.87         | 0.11                             | 0.03                 |
| 802.11n (HT20) | SISO    | 2437            | 1.28      | 1.31        | 97.70         | 0.12                             | 0.07                 |

## 1.2 Test Graph



## 802.11n(HT20) MCH 2437MHz Ant1(SISO)NTNV



## 2. Conducted Peak Output Power

### 2.1 Test Result

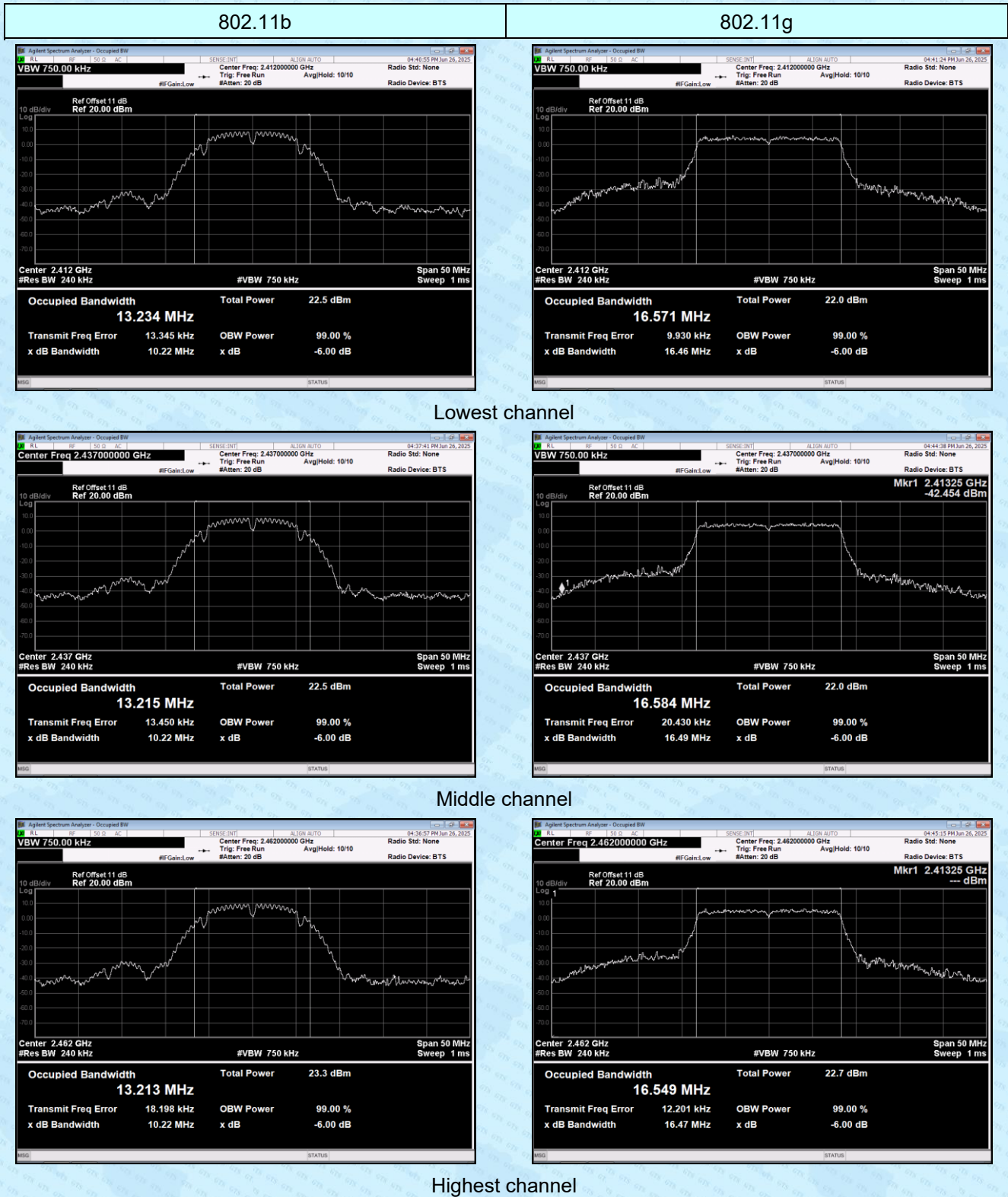
| Test CH | Peak Output Power (dBm) |         |               | Limit(dBm) | Result |
|---------|-------------------------|---------|---------------|------------|--------|
|         | 802.11b                 | 802.11g | 802.11n(HT20) |            |        |
| Lowest  | 20.680                  | 23.030  | 23.280        | 30.00      | Pass   |
| Middle  | 20.500                  | 22.920  | 23.070        |            |        |
| Highest | 21.440                  | 23.560  | 23.430        |            |        |

## 3.Channel Bandwidth & 99% Occupy Bandwidth

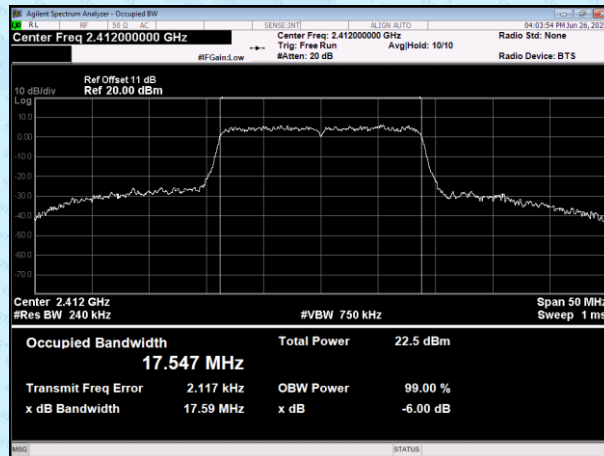
### 3.1 Test Result

| Test CH | Channel Bandwidth (MHz) |         |               | Limit(KHz) | Result |
|---------|-------------------------|---------|---------------|------------|--------|
|         | 802.11b                 | 802.11g | 802.11n(HT20) |            |        |
| Lowest  | 10.220                  | 16.460  | 17.590        | >500       | Pass   |
| Middle  | 10.220                  | 16.490  | 17.570        |            |        |
| Highest | 10.220                  | 16.470  | 17.560        |            |        |

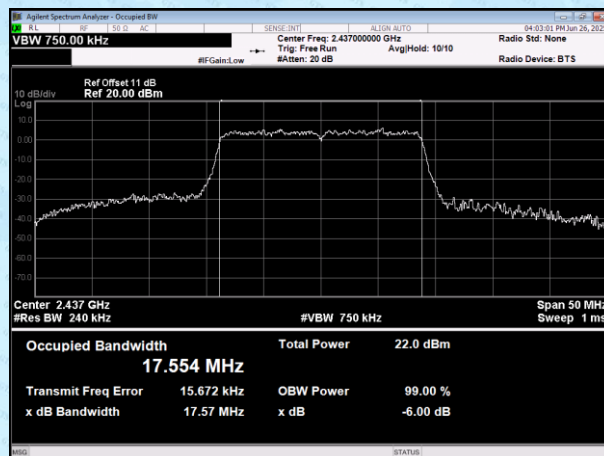
## 3.2 Test Graph



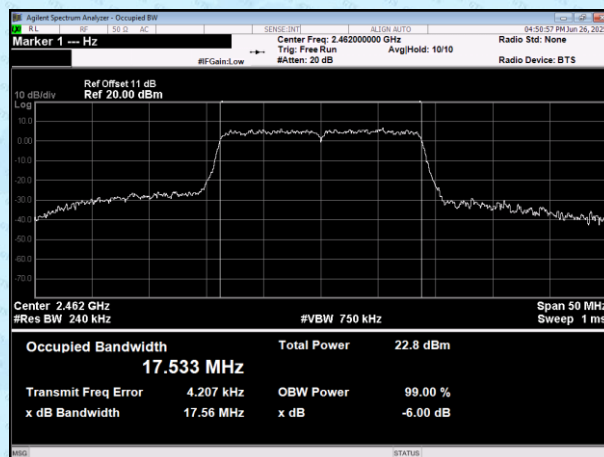
## 802.11n(HT20)



Lowest channel



Middle channel



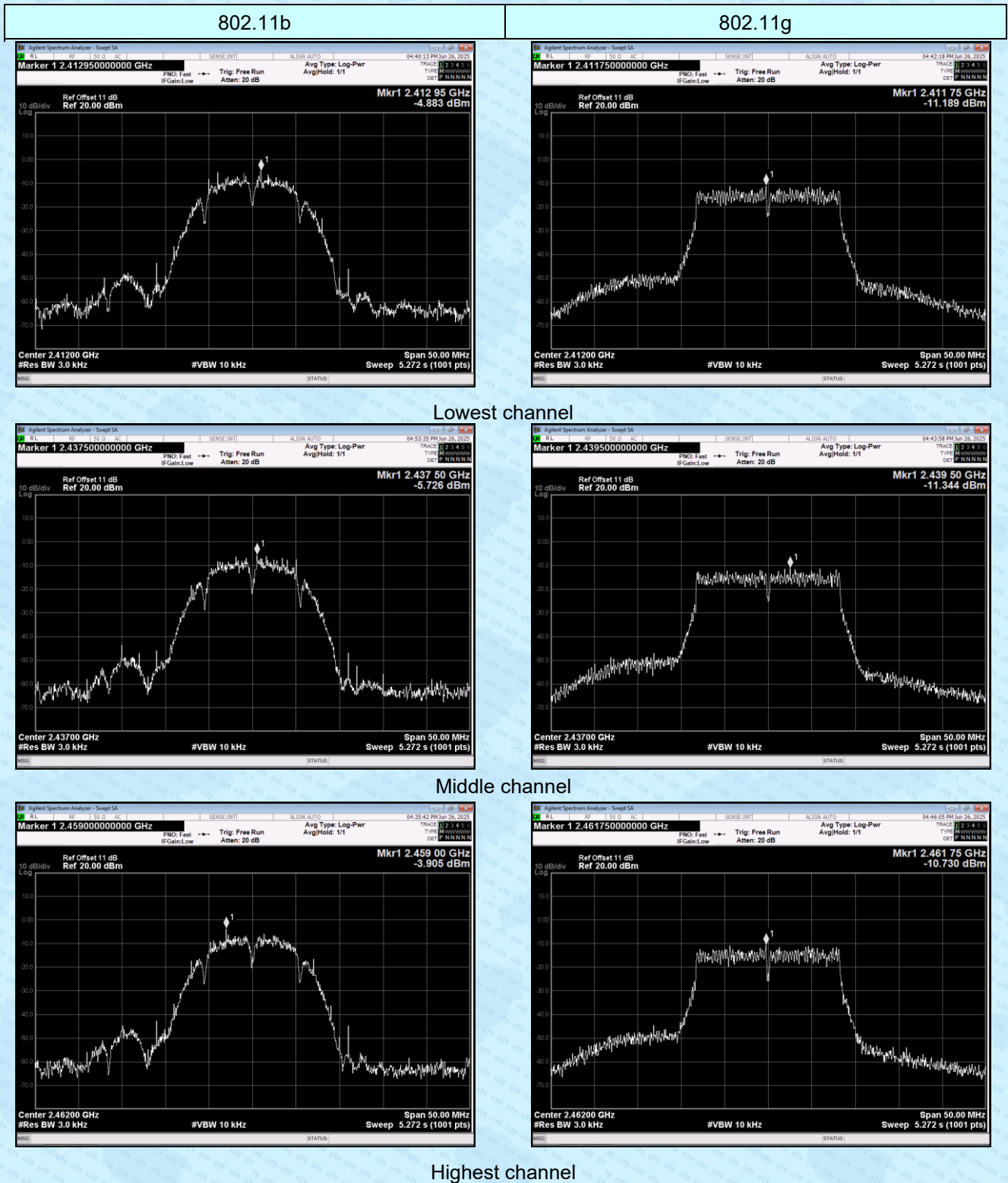
Highest channel

## 4. Power Spectral Density

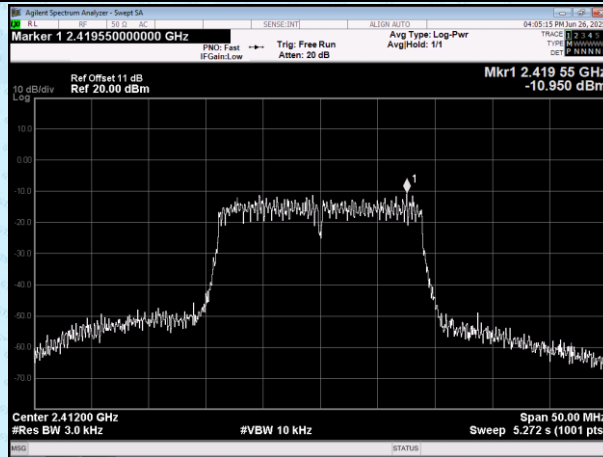
### 4.1 Test Result

| Test CH | Power Spectral Density (dBm/3kHz) |         |               | Limit(dBm) | Result |
|---------|-----------------------------------|---------|---------------|------------|--------|
|         | 802.11b                           | 802.11g | 802.11n(HT20) |            |        |
| Lowest  | -4.883                            | -11.189 | -10.950       | 8.00       | Pass   |
| Middle  | -5.726                            | -11.344 | -11.136       |            |        |
| Highest | -3.905                            | -10.730 | -10.493       |            |        |

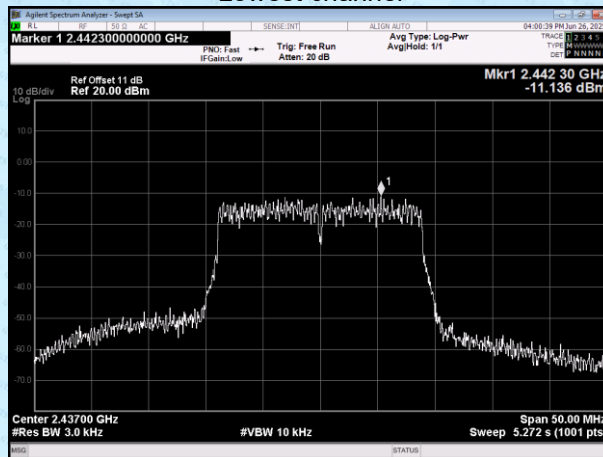
## 4.2 Test Graph



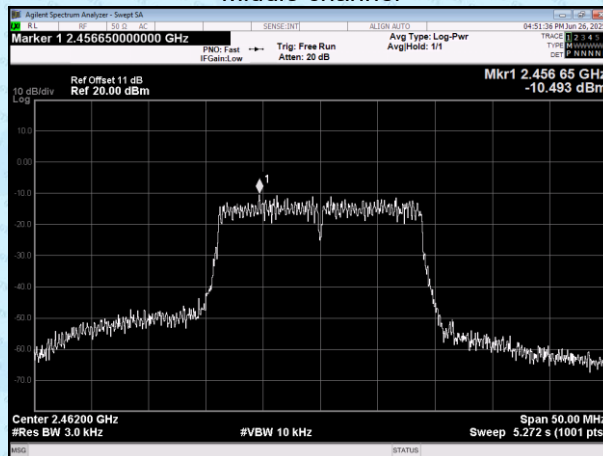
## 802.11n(HT20)



## Lowest channel



## Middle channel



## Highest channel

## 5. Spurious Emission in Non-restricted & restricted Bands

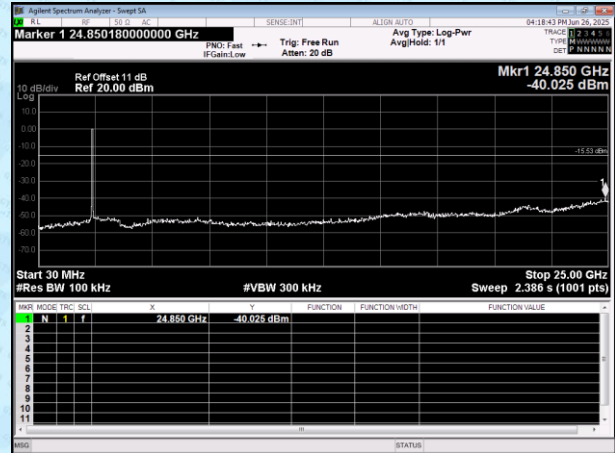
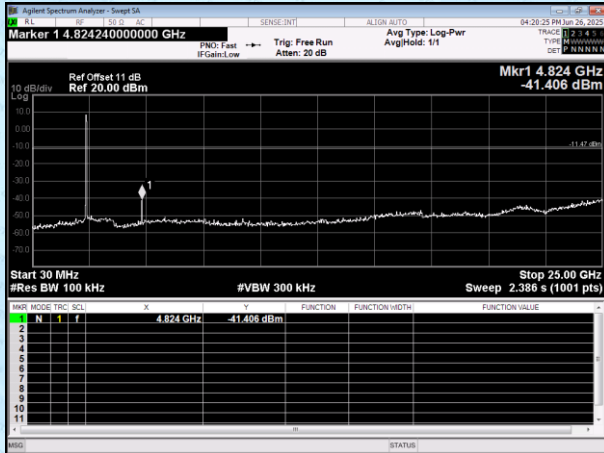
### 5.1 Unwanted Emissions in non-restricted Frequency Bands

#### 5.1.1 Test Graph

802.11b

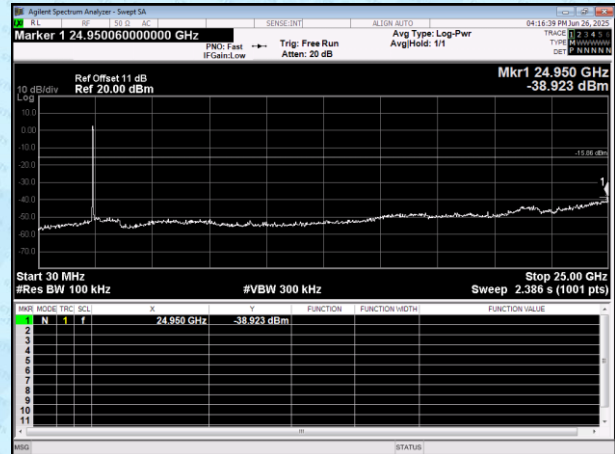
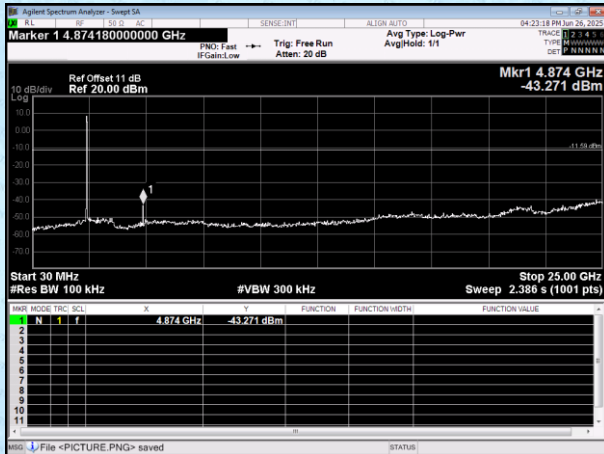
802.11g

Lowest channel



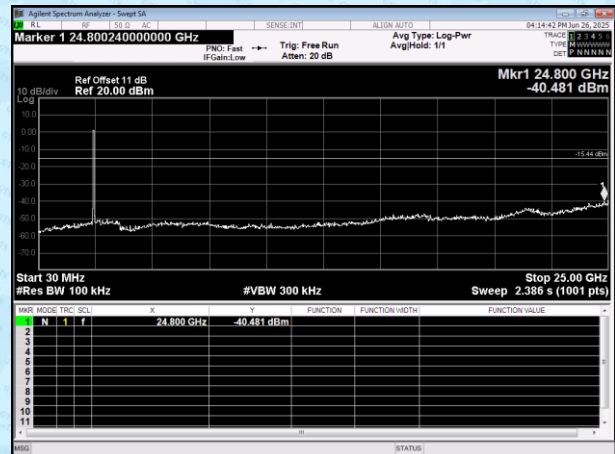
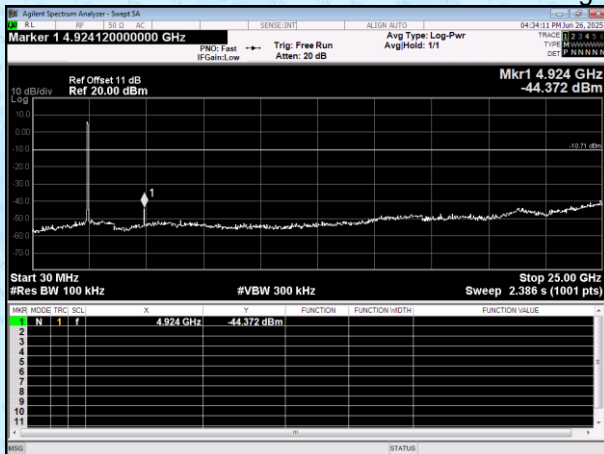
30MHz~25GHz

Middle channel



30MHz~25GHz

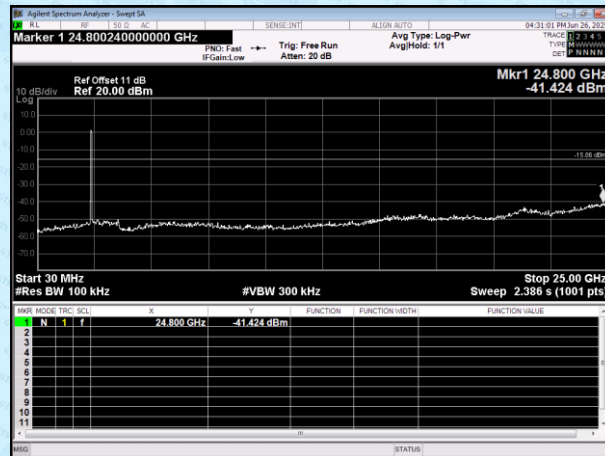
Highest channel



30MHz~25GHz

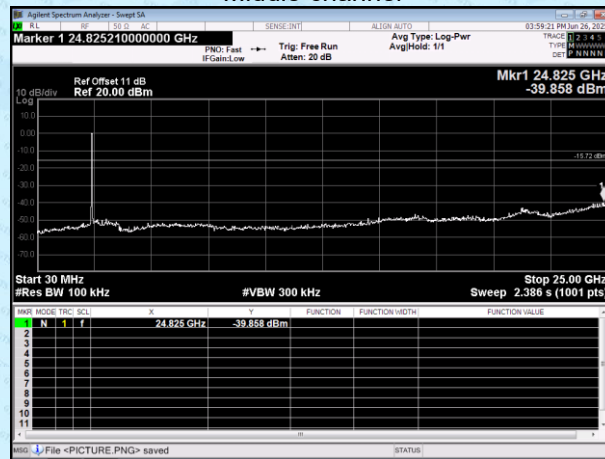
## 802.11n(HT20)

### Lowest channel



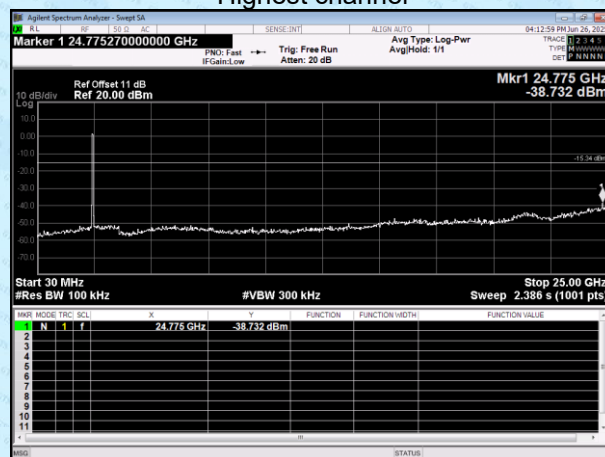
### 30MHz~25GHz

### Middle channel



### 30MHz~25GHz

### Highest channel

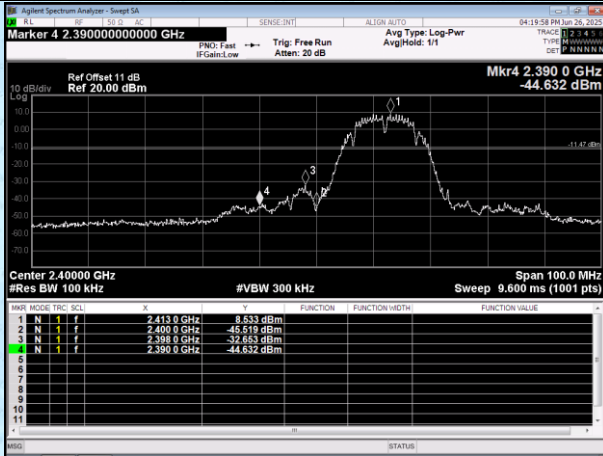


### 30MHz~25GHz

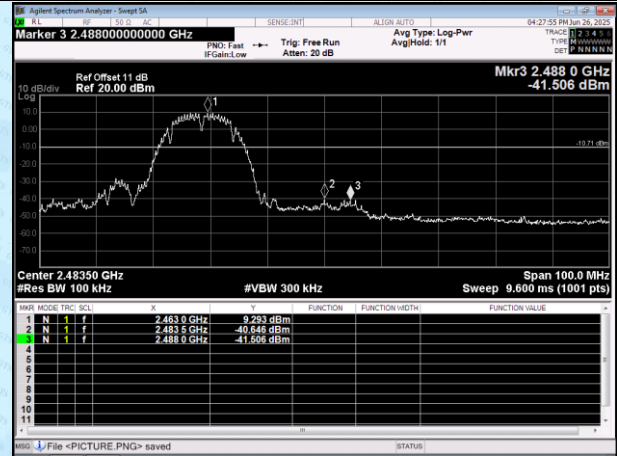
## 5.2 Unwanted Emissions in restricted Frequency Bands

### 5.2.1 Test Graph

802.11b

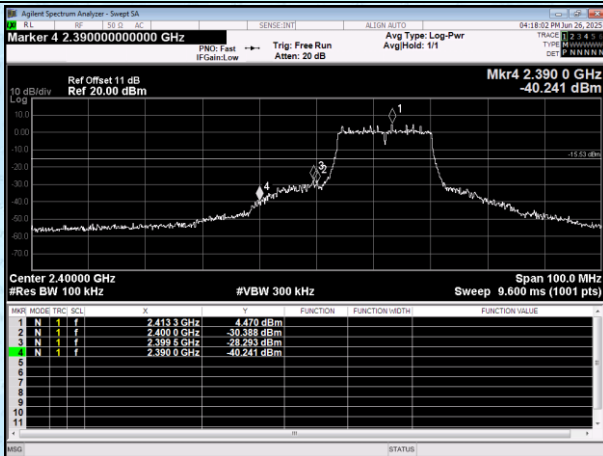


Lowest channel

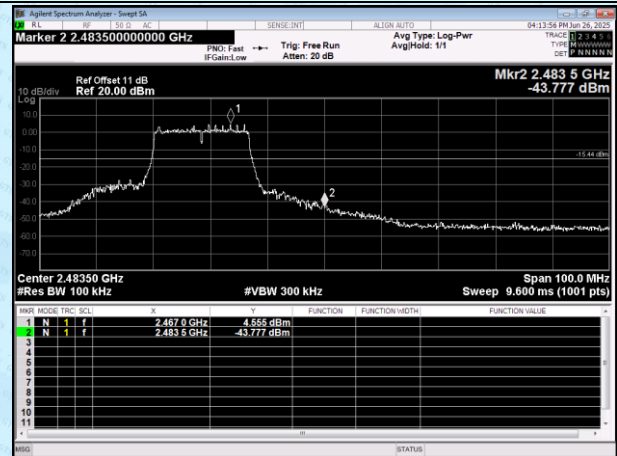


Highest channel

802.11g

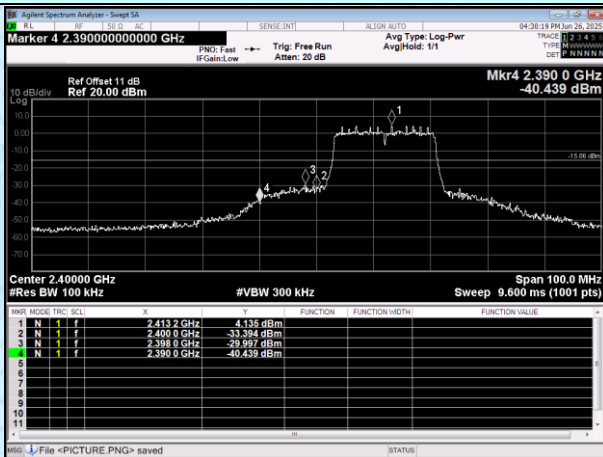


Lowest channel

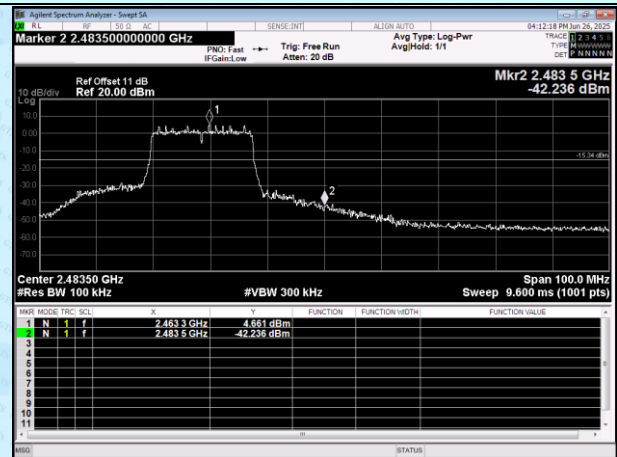


Highest channel

802.11n(HT20)



Lowest channel



Highest channel

-----End-----