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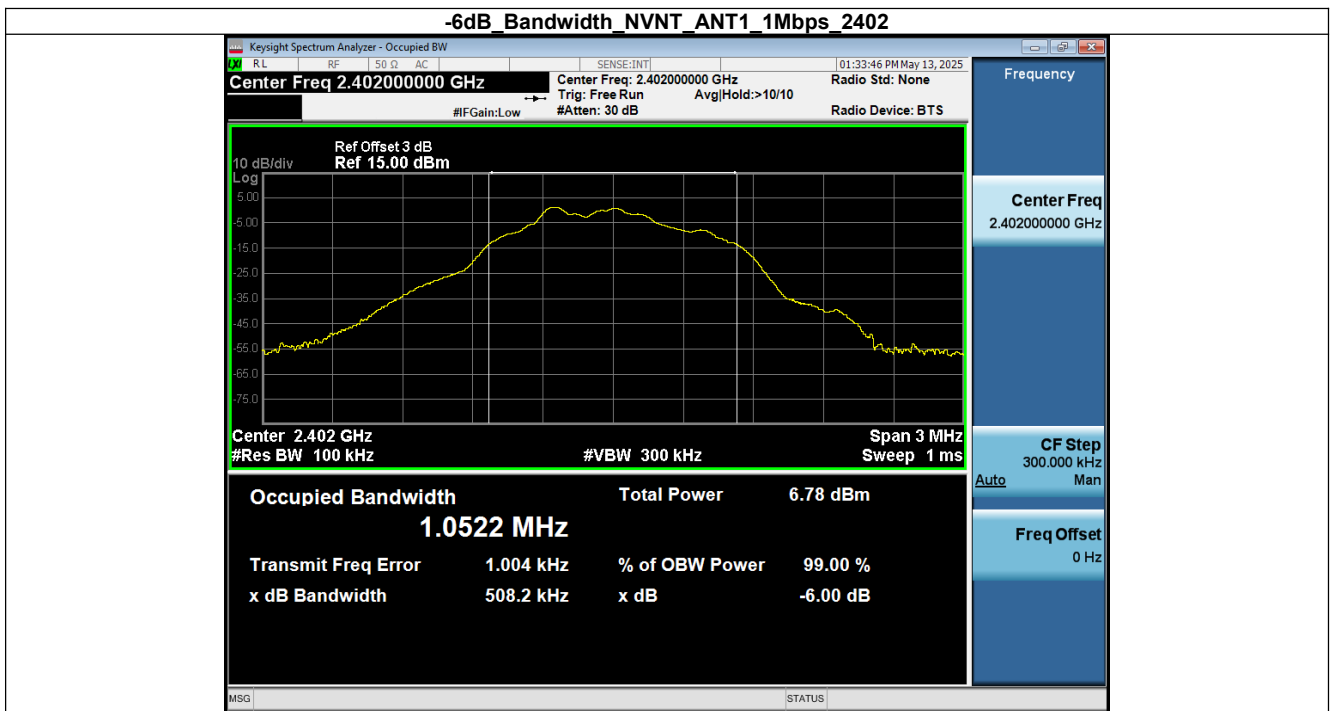
# Report No.:NCT25019002XE1-1

## FCC ID:2BFZL-H3

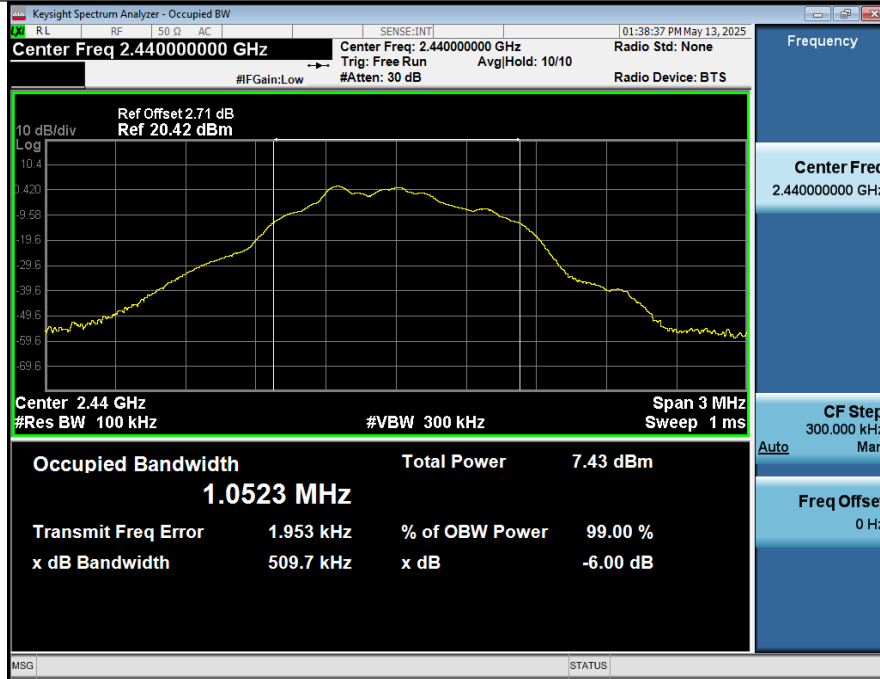
### FCC\_BLE (Part15.247) Test Data

#### 1. -6dB Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | -6dB BW(kHz) | limit(kHz) | Result |
|-----------|---------|-------|-----------------|--------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 508.17       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 509.67       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 507.63       | 500        | Pass   |



-6dB Bandwidth NVNT\_ANT1\_1Mbps\_2440

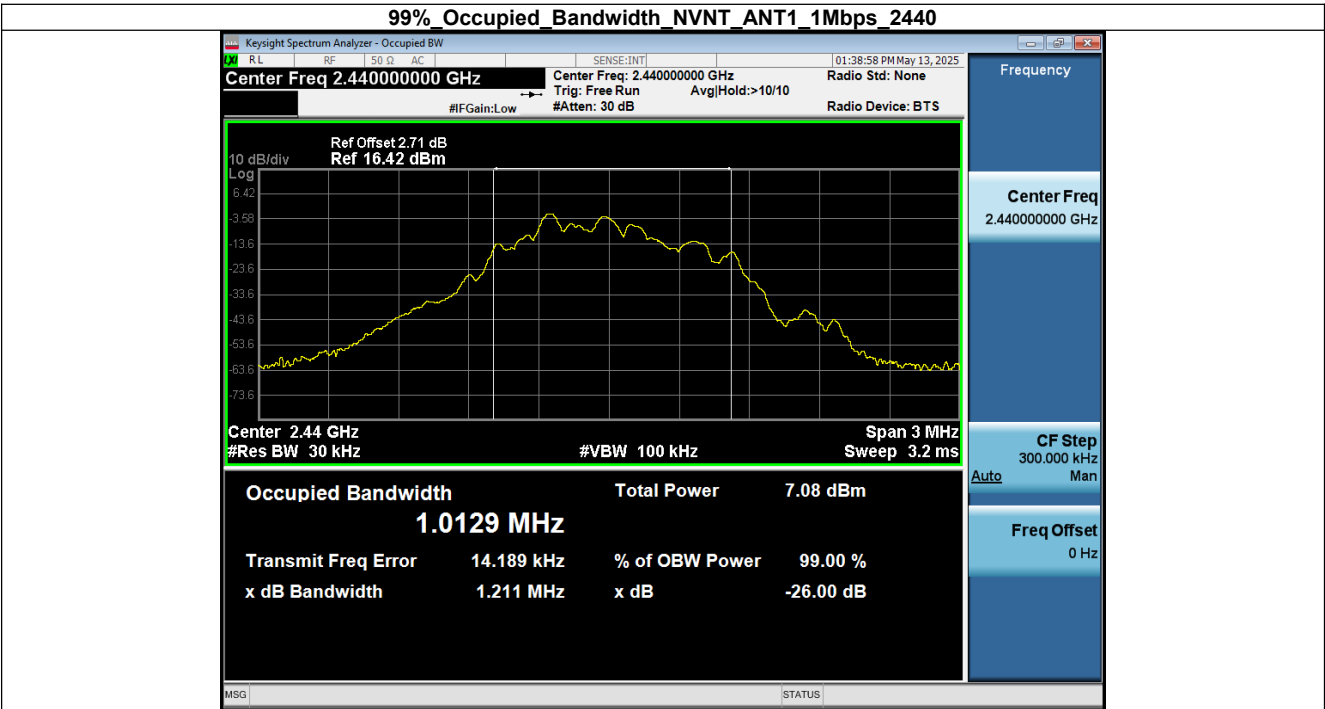
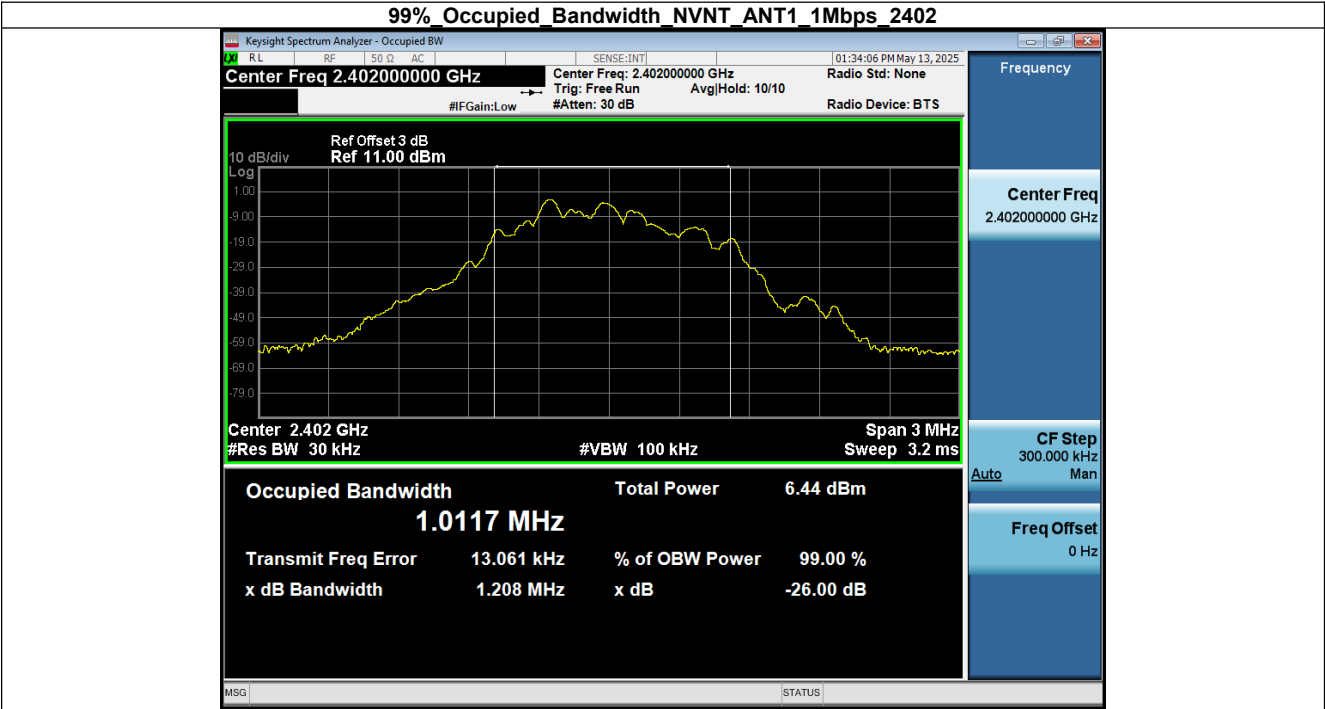


-6dB Bandwidth NVNT\_ANT1\_1Mbps\_2480



2. 99% Occupied Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | 99% BW (MHz) |
|-----------|---------|-------|-----------------|--------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 1.012        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 1.013        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 1.014        |

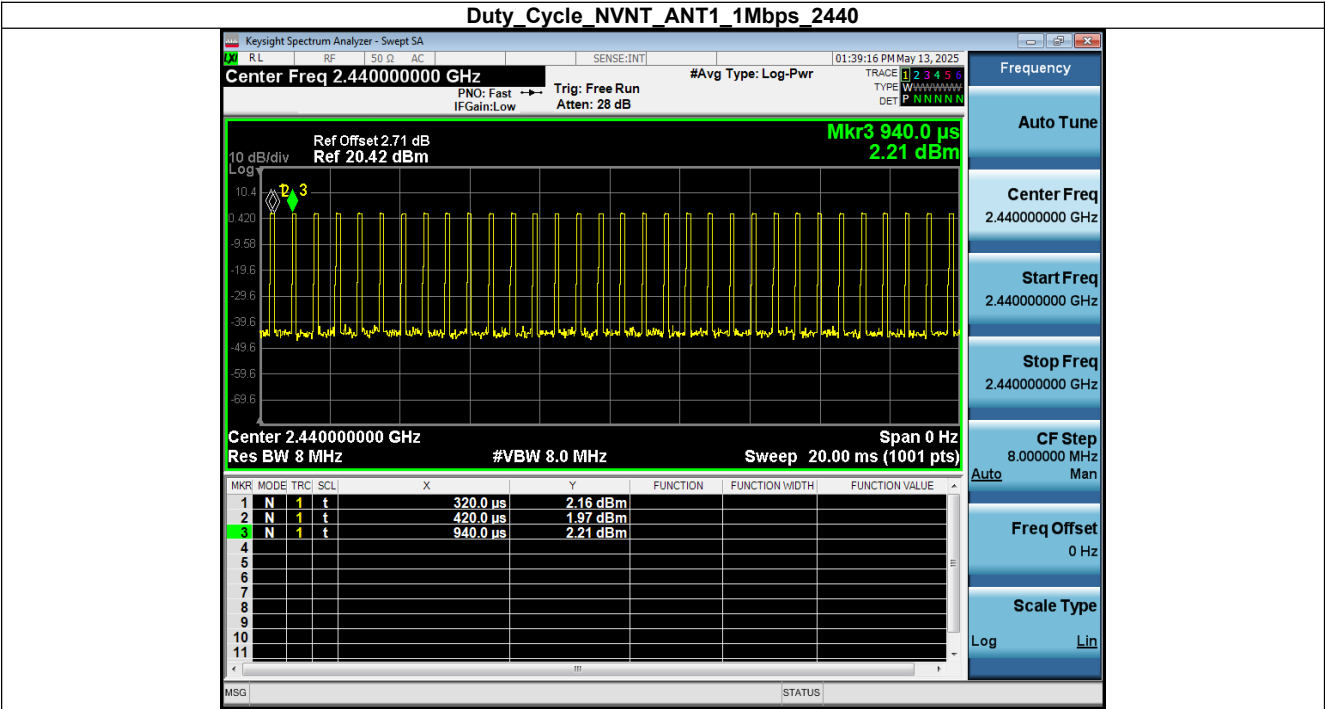
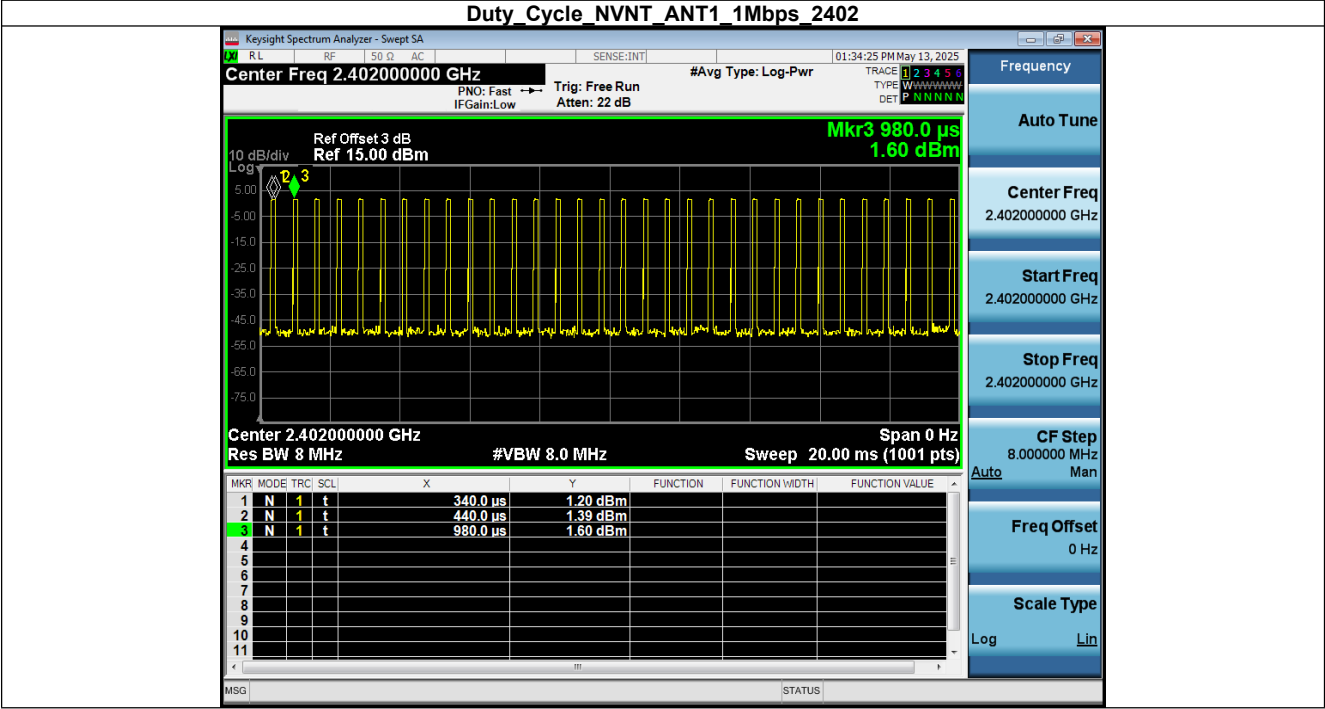


# 99% Occupied Bandwidth NVNT\_ANT1\_1Mbps\_2480

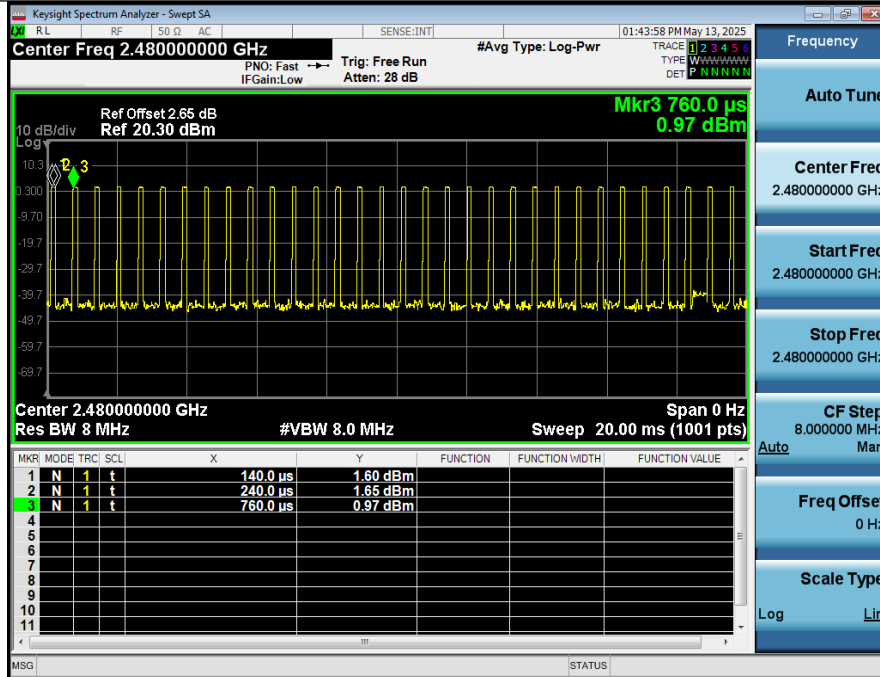


3. Duty Cycle

| Condition | Antenna | Rate  | Frequency (MHz) | Dutycycle(%) | Duty_factor |
|-----------|---------|-------|-----------------|--------------|-------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 15.63        | 8.06        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 16.13        | 7.92        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 16.13        | 7.92        |



# Duty Cycle\_NVNT\_ANT1\_1Mbps\_2480

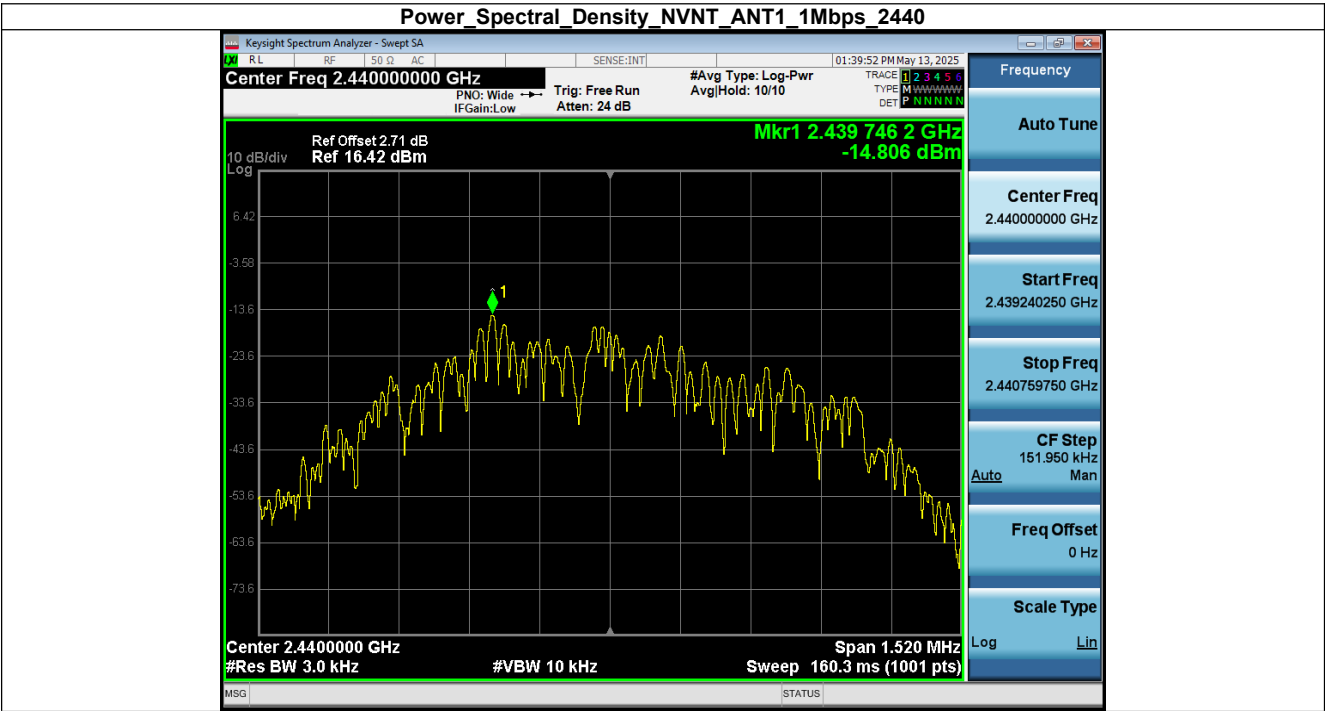
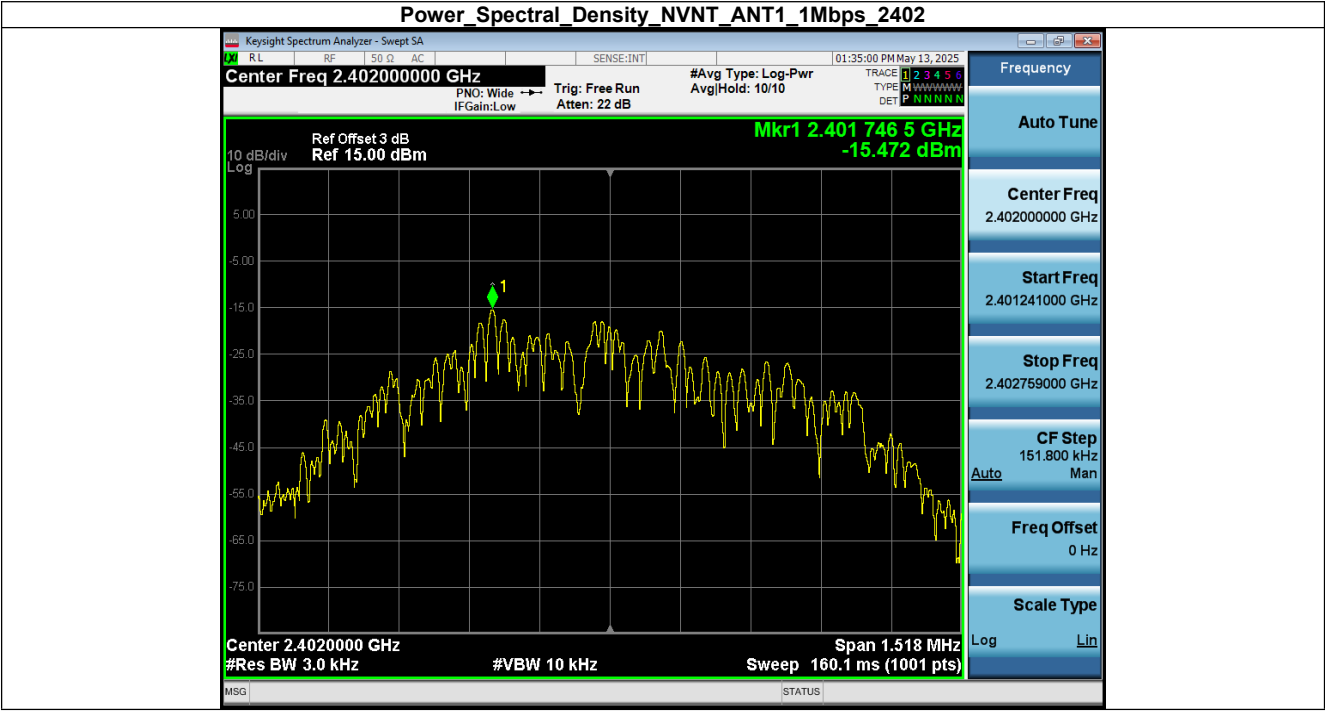


## 4. Peak Output Power

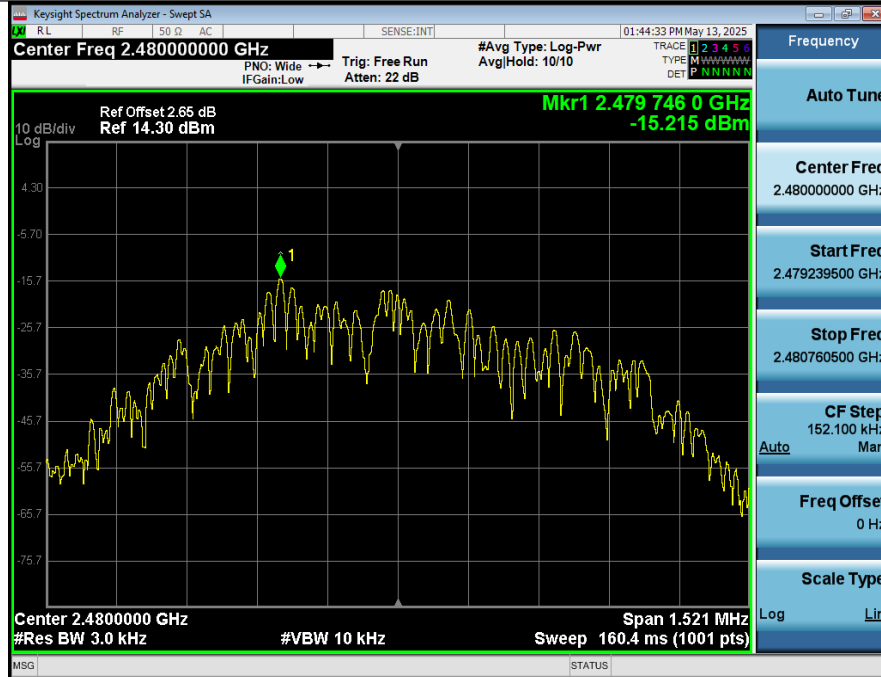
| Condition | Antenna | Rate  | Frequency (MHz) | Max. Conducted Power(dBm) | Max. Conducted Power(mW) | Limit(mW) | Result |
|-----------|---------|-------|-----------------|---------------------------|--------------------------|-----------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 1.65                      | 1.46                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 2.31                      | 1.70                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 1.99                      | 1.58                     | 1000      | Pass   |

5. Power Spectral Density

| Condition | Antenna | Rate  | Frequency (MHz) | Power Spectral Density(dBm/3kHz) | Limit(dBm/3kHz) | Result |
|-----------|---------|-------|-----------------|----------------------------------|-----------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | -15.47                           | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -14.81                           | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -15.21                           | 8               | Pass   |

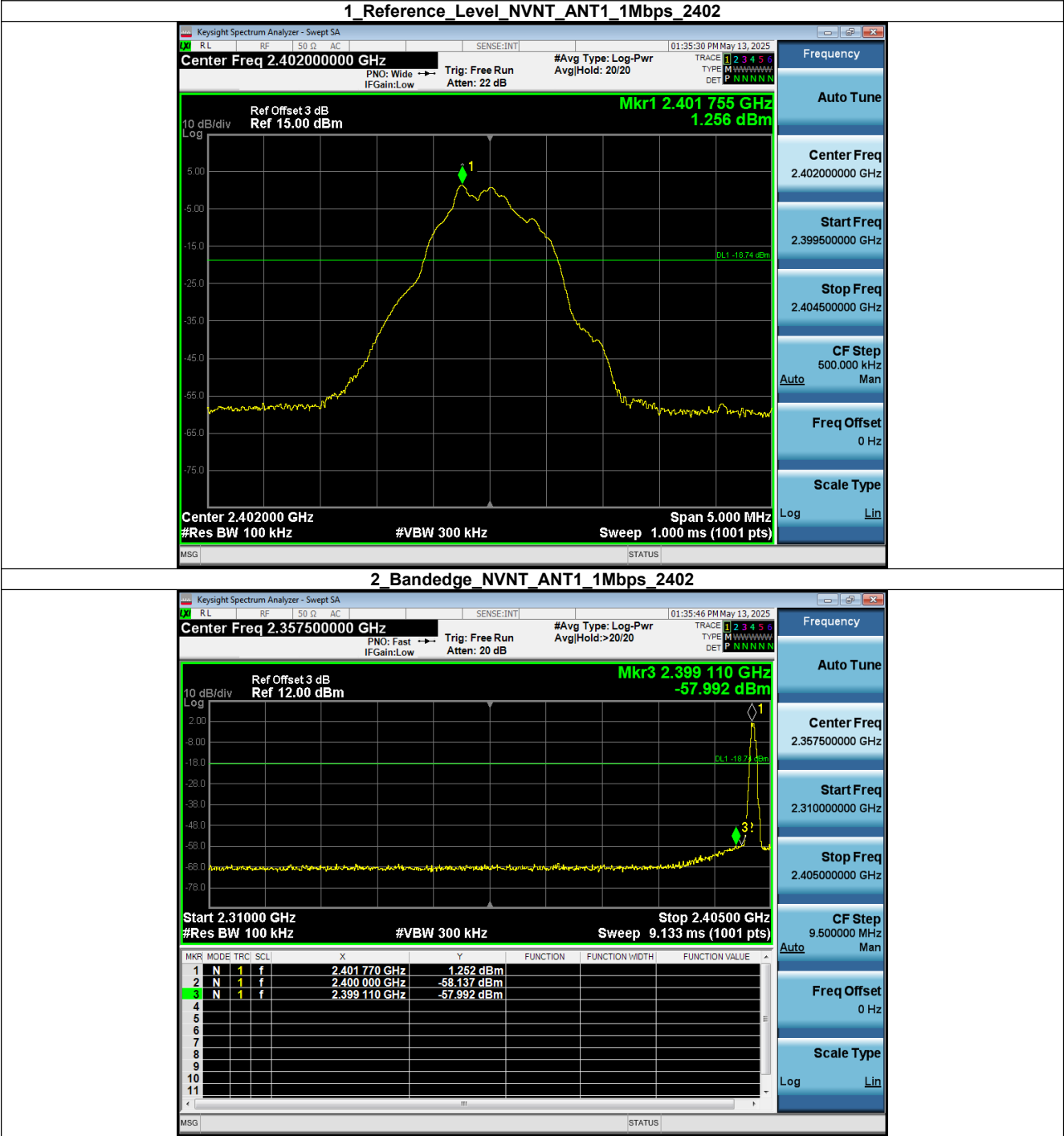


# Power Spectral Density NVNT\_ANT1\_1Mbps\_2480

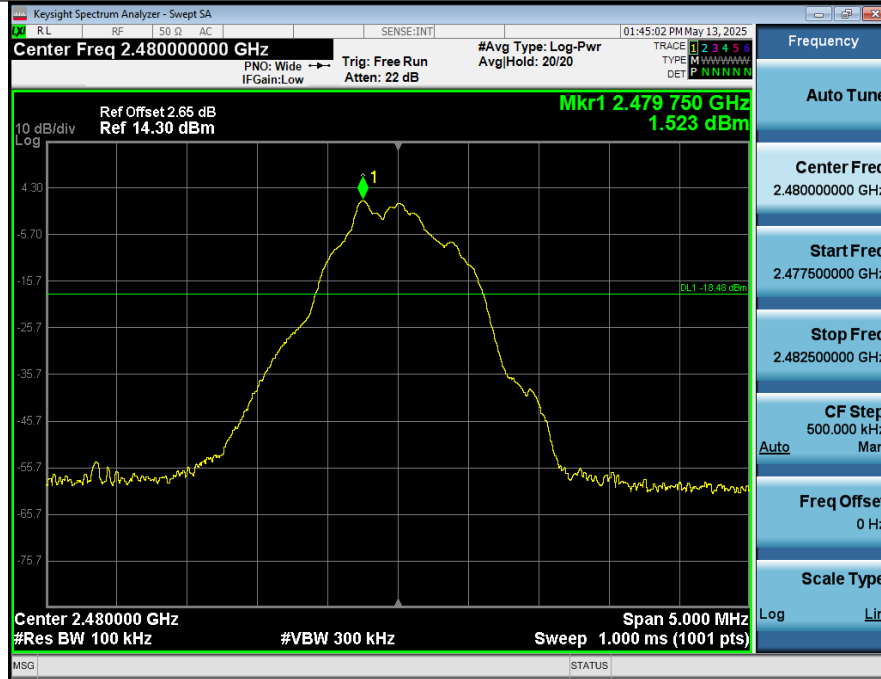


6. Bandedge

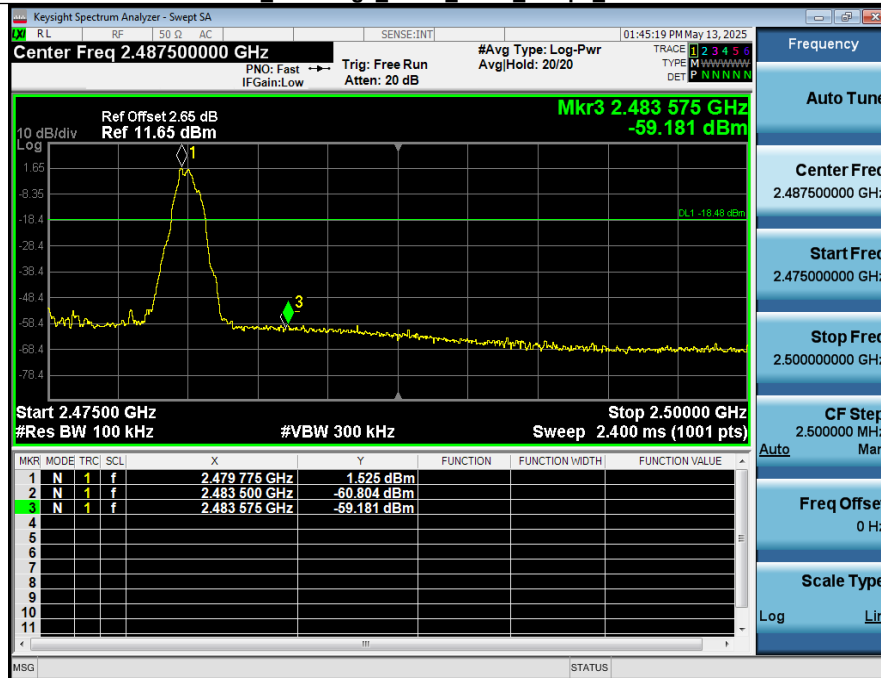
| Condition | Antenna | Modulation | TX_Frequency (MHz) | Max. Mark_freq(MHz) | Ref_level(dBm) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|------------|--------------------|---------------------|----------------|---------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps      | 2402.00            | 2399.110            | 1.256          | -57.992             | -18.744    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2480.00            | 2483.575            | 1.523          | -59.181             | -18.477    | Pass   |



### 1 Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480

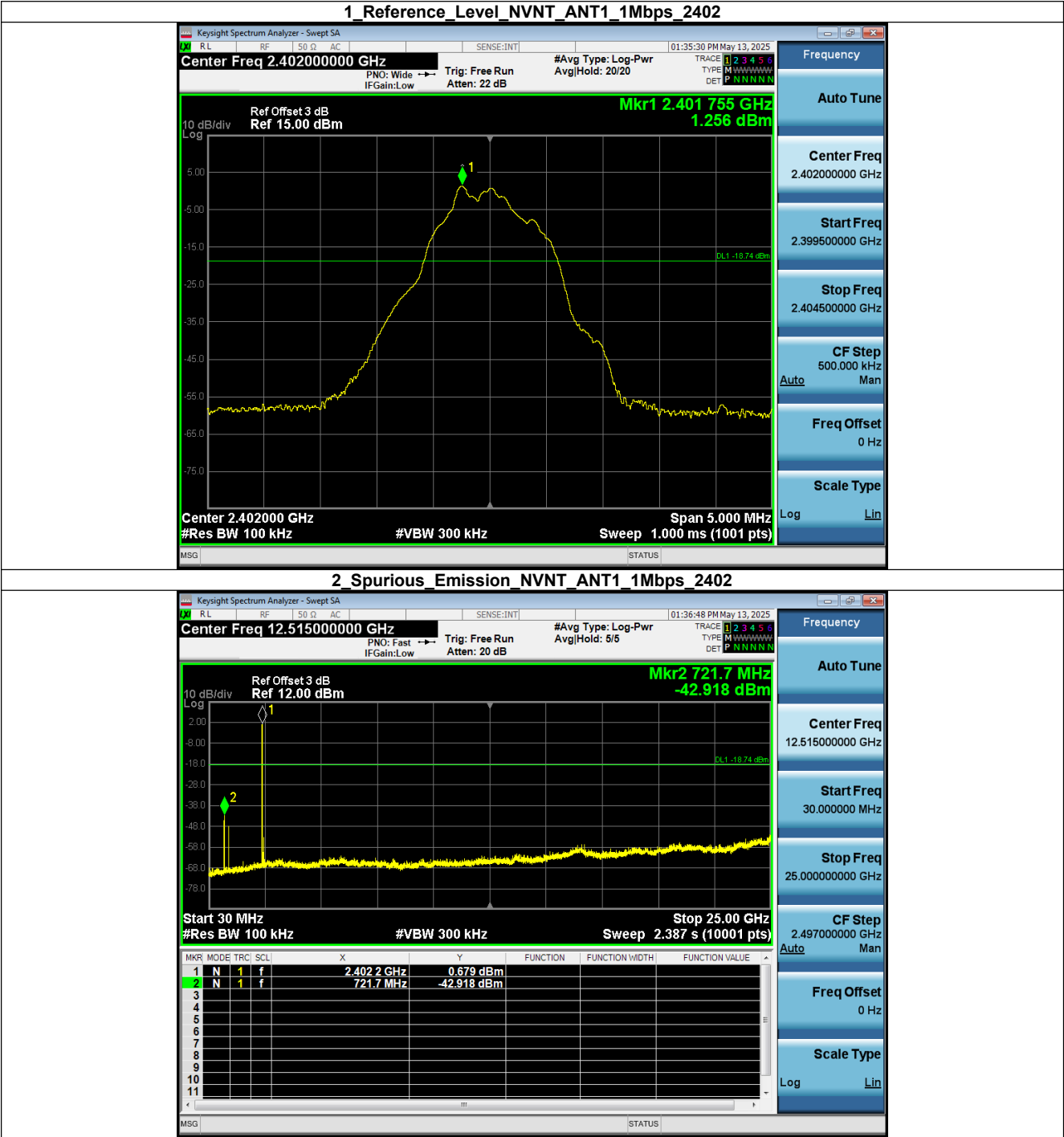


### 2 Bandedge\_NVNT\_ANT1\_1Mbps\_2480

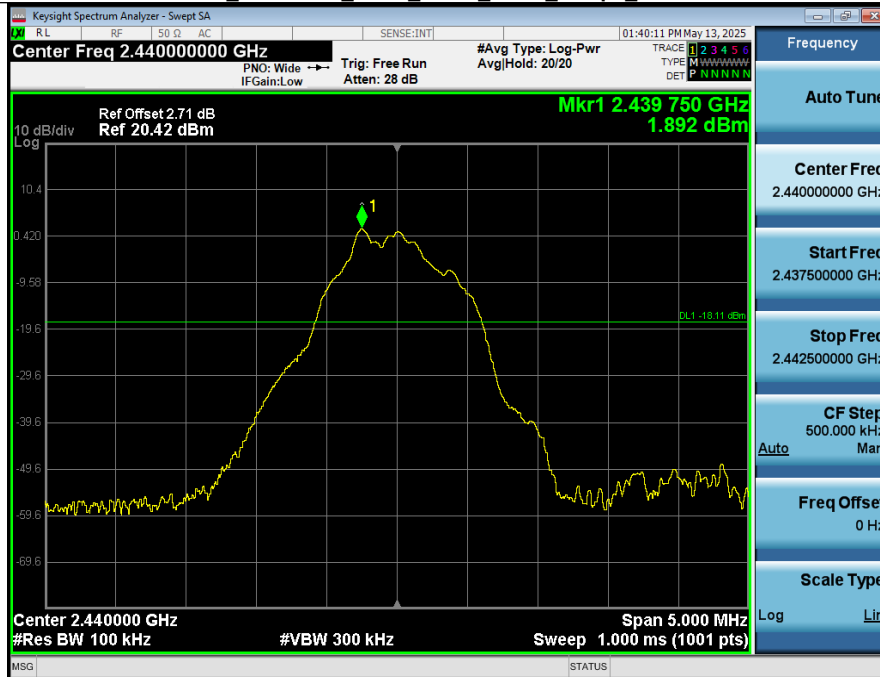


7. Spurious Emission

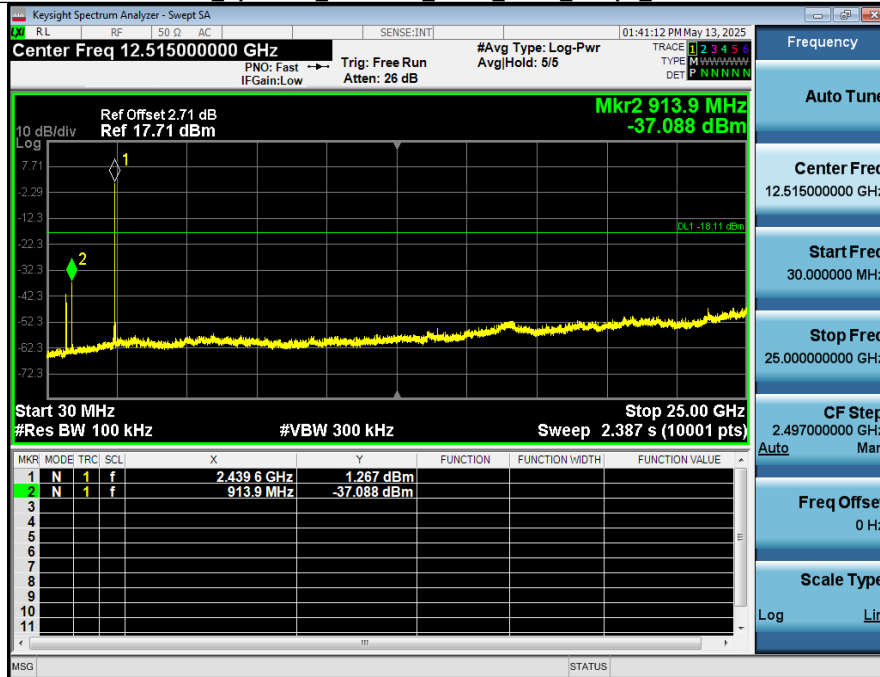
| Condition | Antenna | Modulation | TX_Frequency (MHz) | Ref_level(dBm) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|------------|--------------------|----------------|---------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps      | 2402.00            | 1.256          | -42.918             | -18.744    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2440.00            | 1.892          | -37.088             | -18.108    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2480.00            | 1.523          | -45.723             | -18.477    | Pass   |



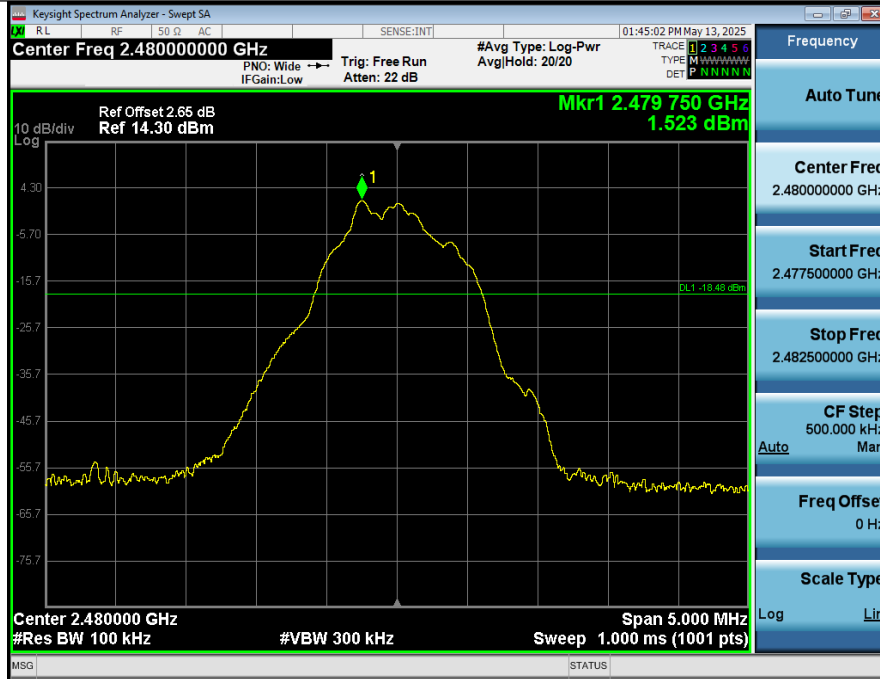
# 1 Reference\_Level\_NVNT\_ANT1\_1Mbps\_2440



# 2 Spurious Emission\_NVNT\_ANT1\_1Mbps\_2440



### 1 Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480



### 2 Spurious Emission\_NVNT\_ANT1\_1Mbps\_2480

