

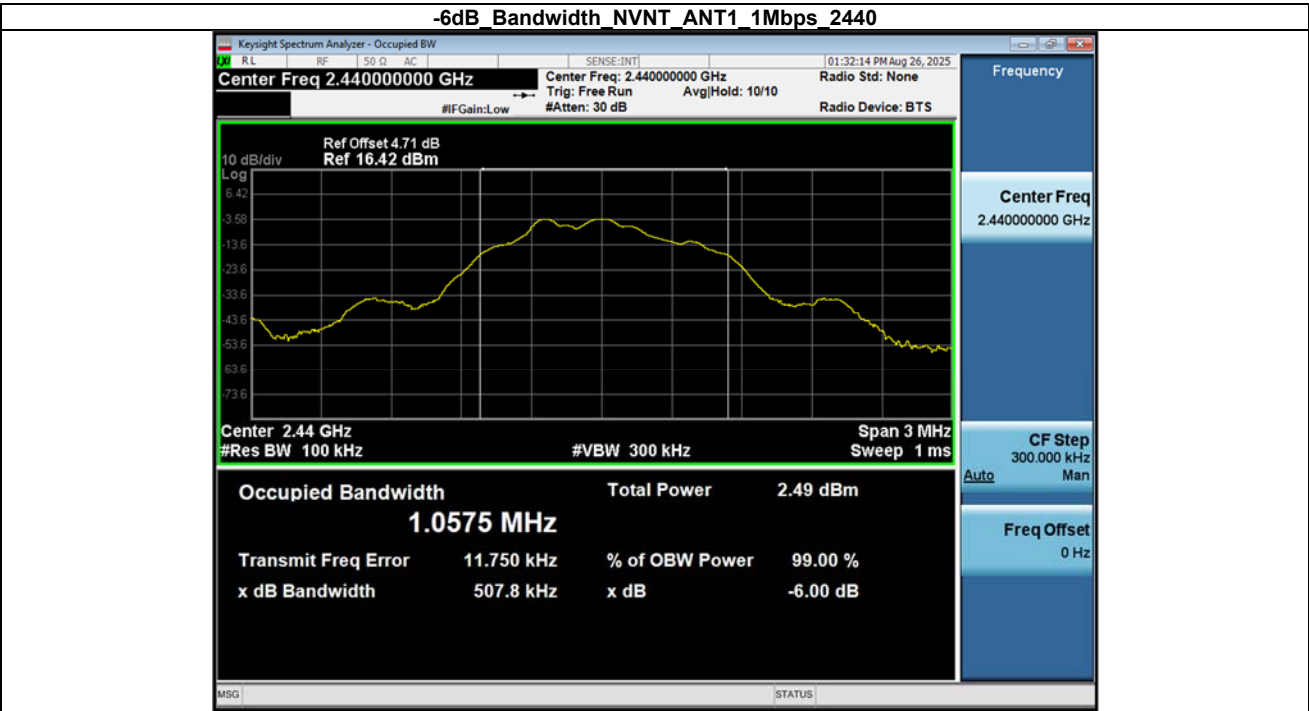
**FCC\_BLE (Part15.247) Test Data**  
**Report No.: NCT25034613XE1-1**  
**FCC ID:2ABTX-NXSWDLRROUND**

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1. -6dB Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | -6dB BW(kHz) | limit(kHz) | Result |
|-----------|---------|-------|-----------------|--------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 505.32       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 507.80       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 509.18       | 500        | Pass   |



-6dB Bandwidth NVNT\_ANT1\_1Mbps\_2480



2. 99% Occupied Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | 99% BW (MHz) |
|-----------|---------|-------|-----------------|--------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 1.006        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 1.003        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 1.005        |

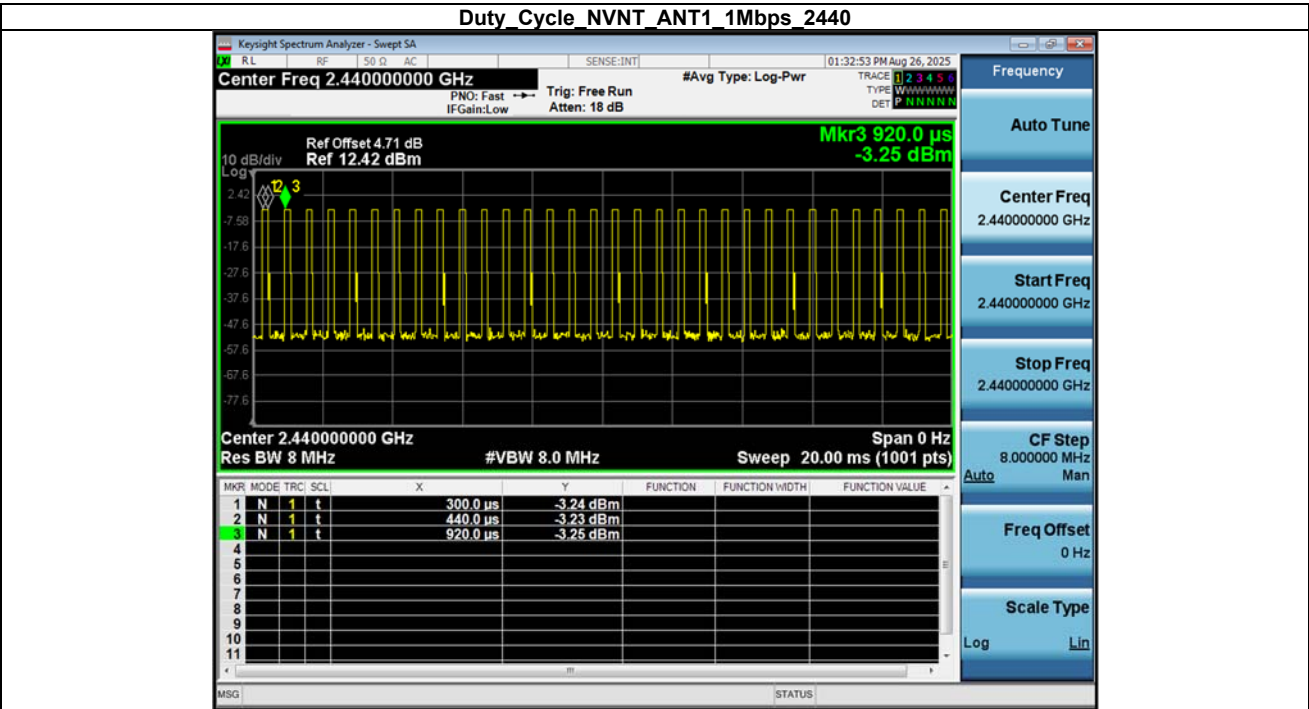
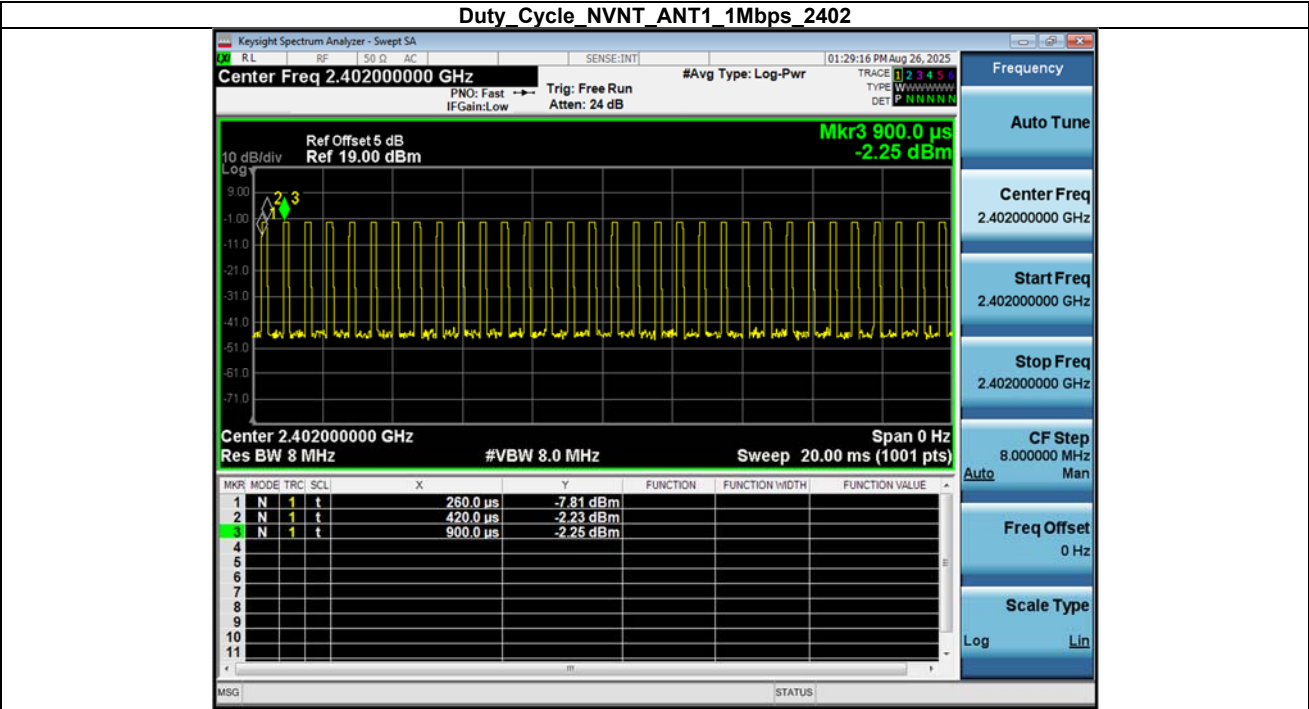


# 99% Occupied Bandwidth NVNT\_ANT1\_1Mbps\_2480

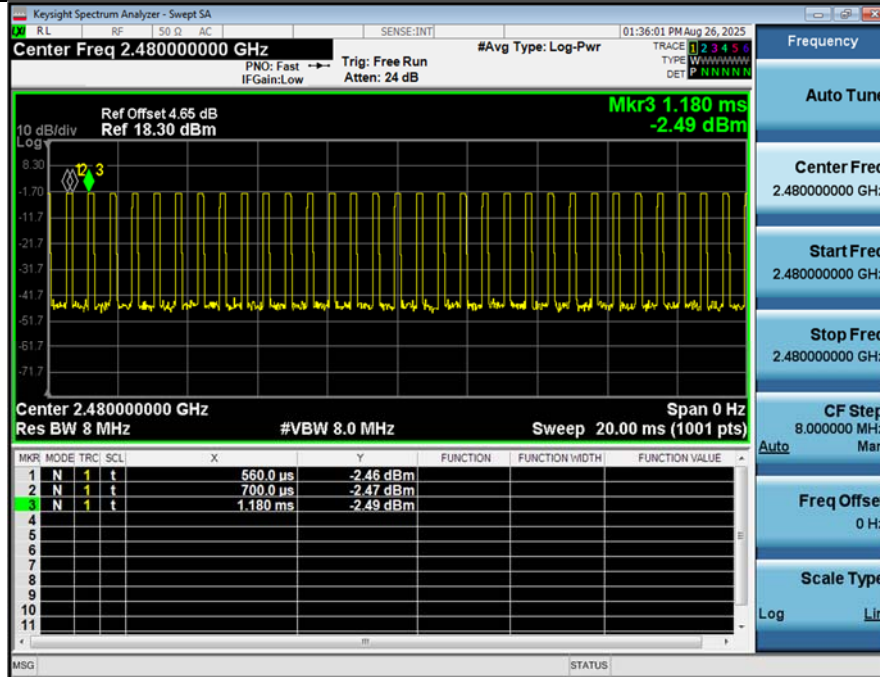


3. Duty Cycle

| Condition | Antenna | Rate  | Frequency (MHz) | Dutycycle(%) | Duty_factor |
|-----------|---------|-------|-----------------|--------------|-------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 25.00        | 6.02        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 22.58        | 6.46        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 25.81        | 5.88        |

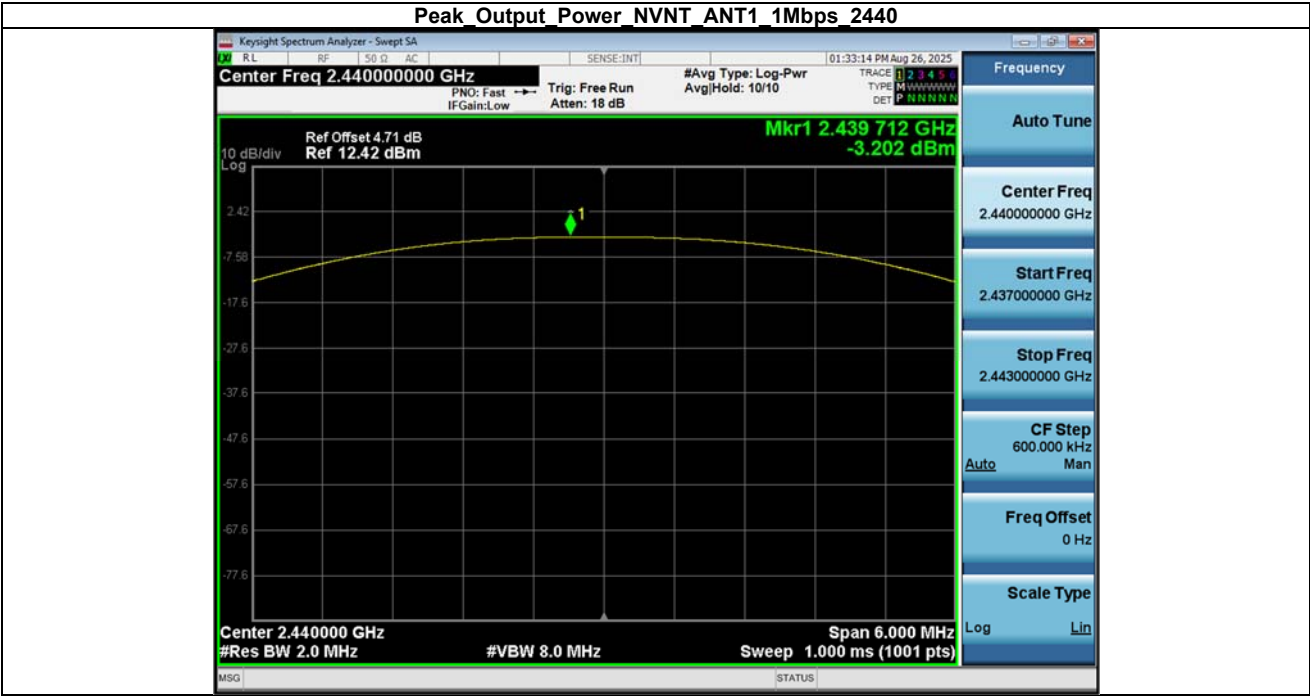
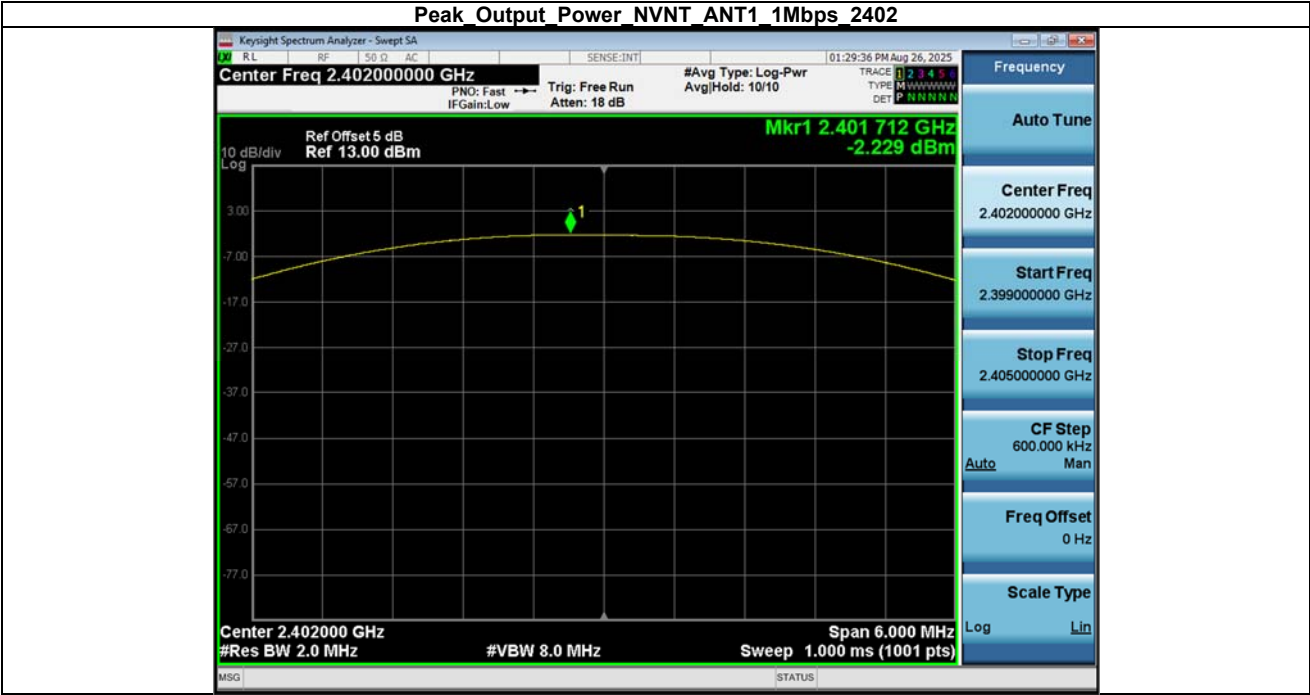


# Duty Cycle NVNT\_ANT1\_1Mbps\_2480

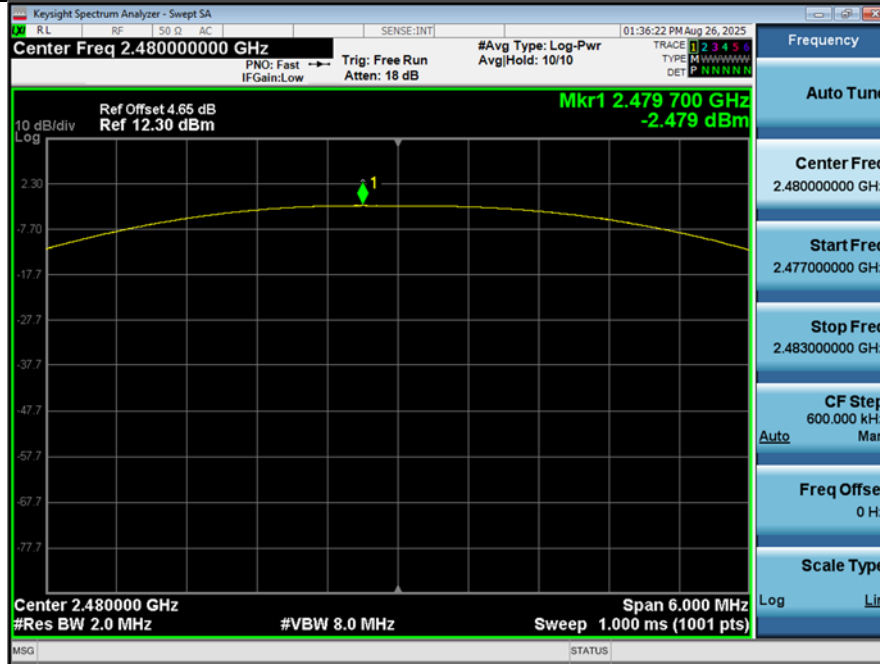


4. Peak Output Power

| Condition | Antenna | Rate  | Frequency (MHz) | Max. Conducted Power(dBm) | Max. Conducted Power(mW) | Limit(mW) | Result |
|-----------|---------|-------|-----------------|---------------------------|--------------------------|-----------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | -2.23                     | 0.60                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -3.20                     | 0.48                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -2.48                     | 0.57                     | 1000      | Pass   |

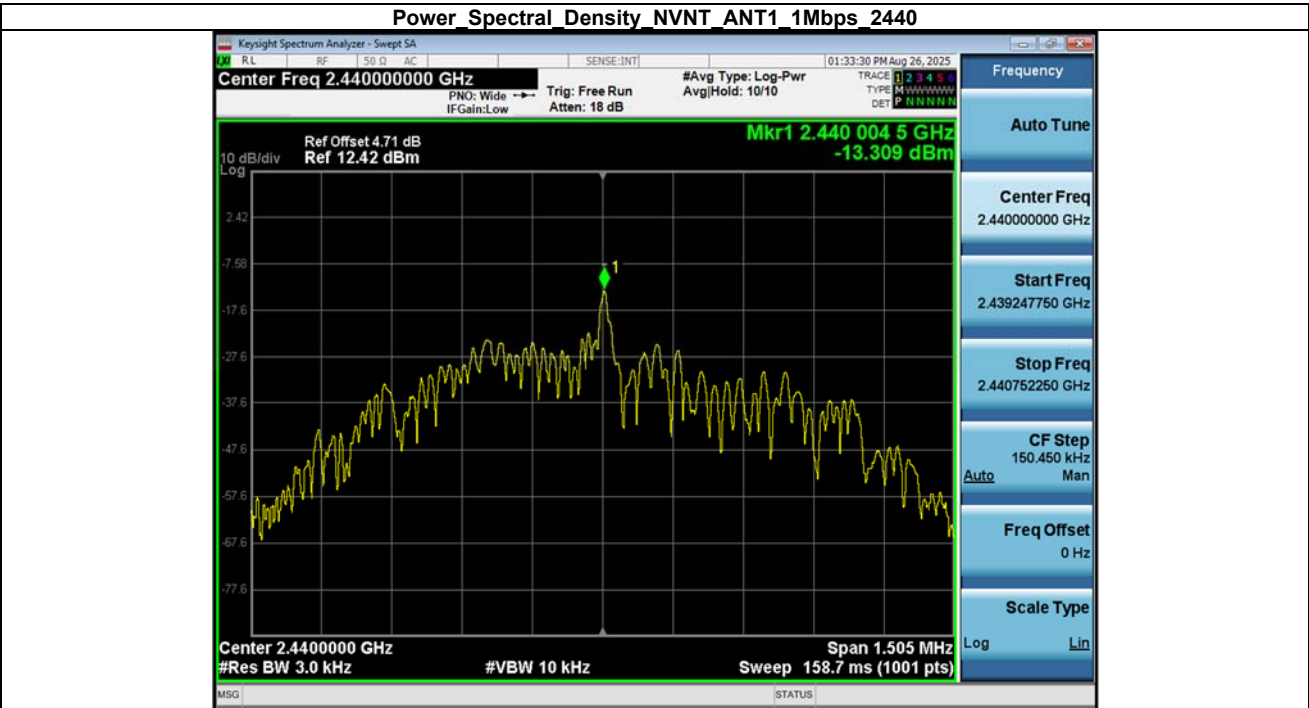
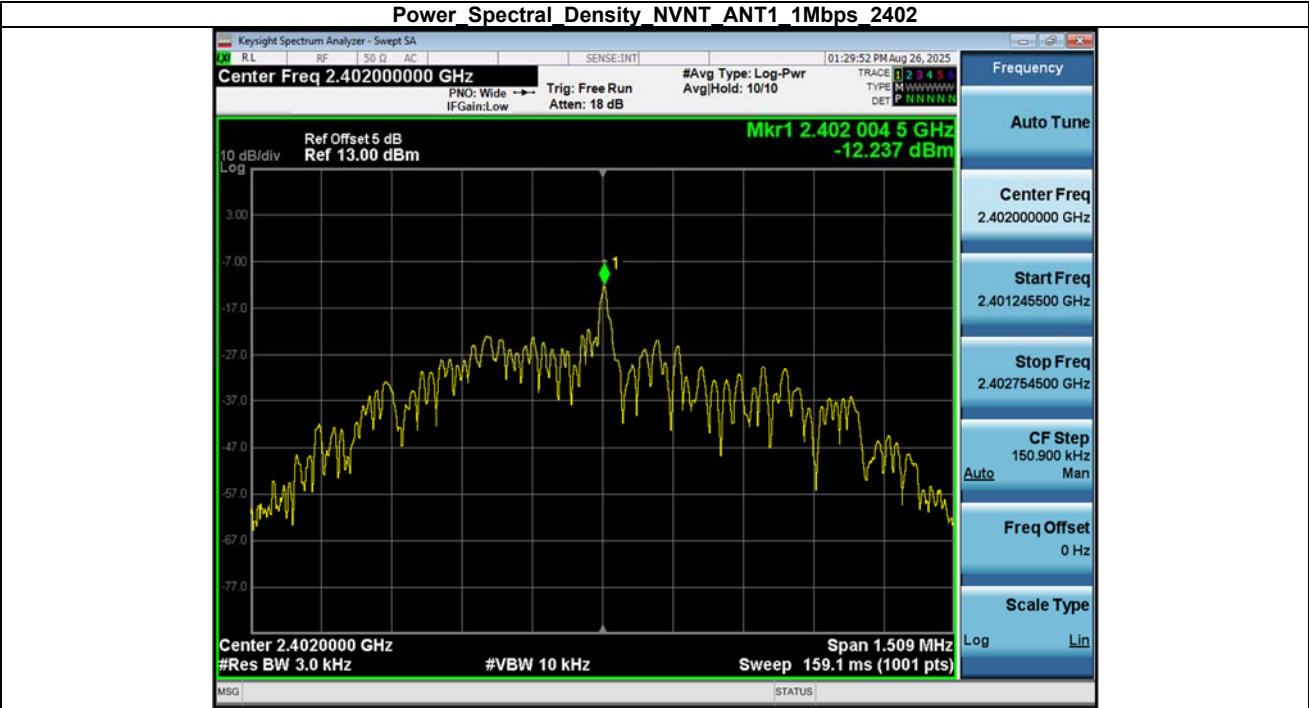


Peak Output Power\_NVNT\_ANT1\_1Mbps\_2480

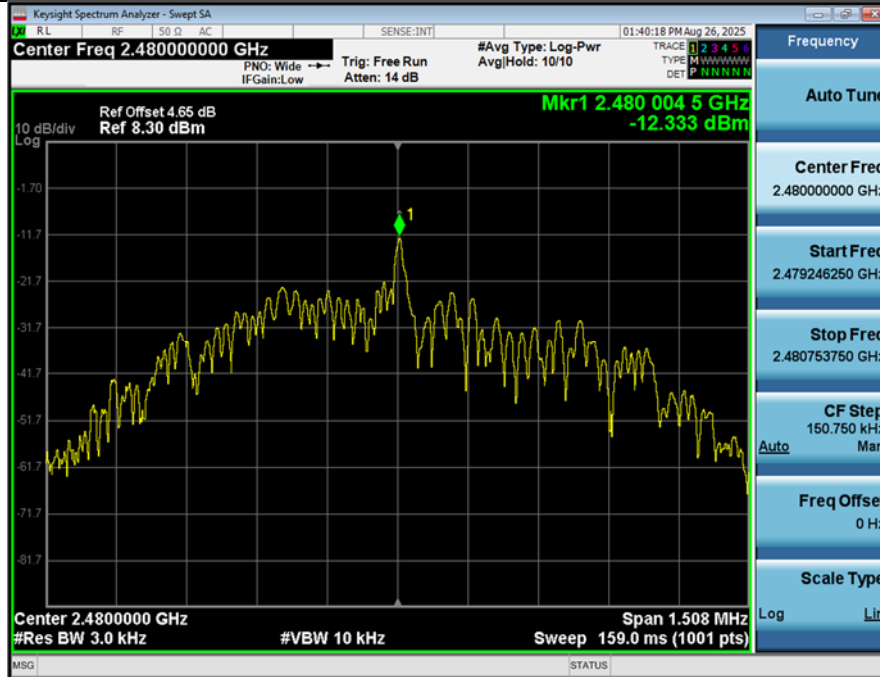


5. Power Spectral Density

| Condition | Antenna | Rate  | Frequency (MHz) | Power Spectral Density(dBm/3kHz) | Limit(dBm/3kHz) | Result |
|-----------|---------|-------|-----------------|----------------------------------|-----------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | -12.24                           | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -13.31                           | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -12.33                           | 8               | Pass   |

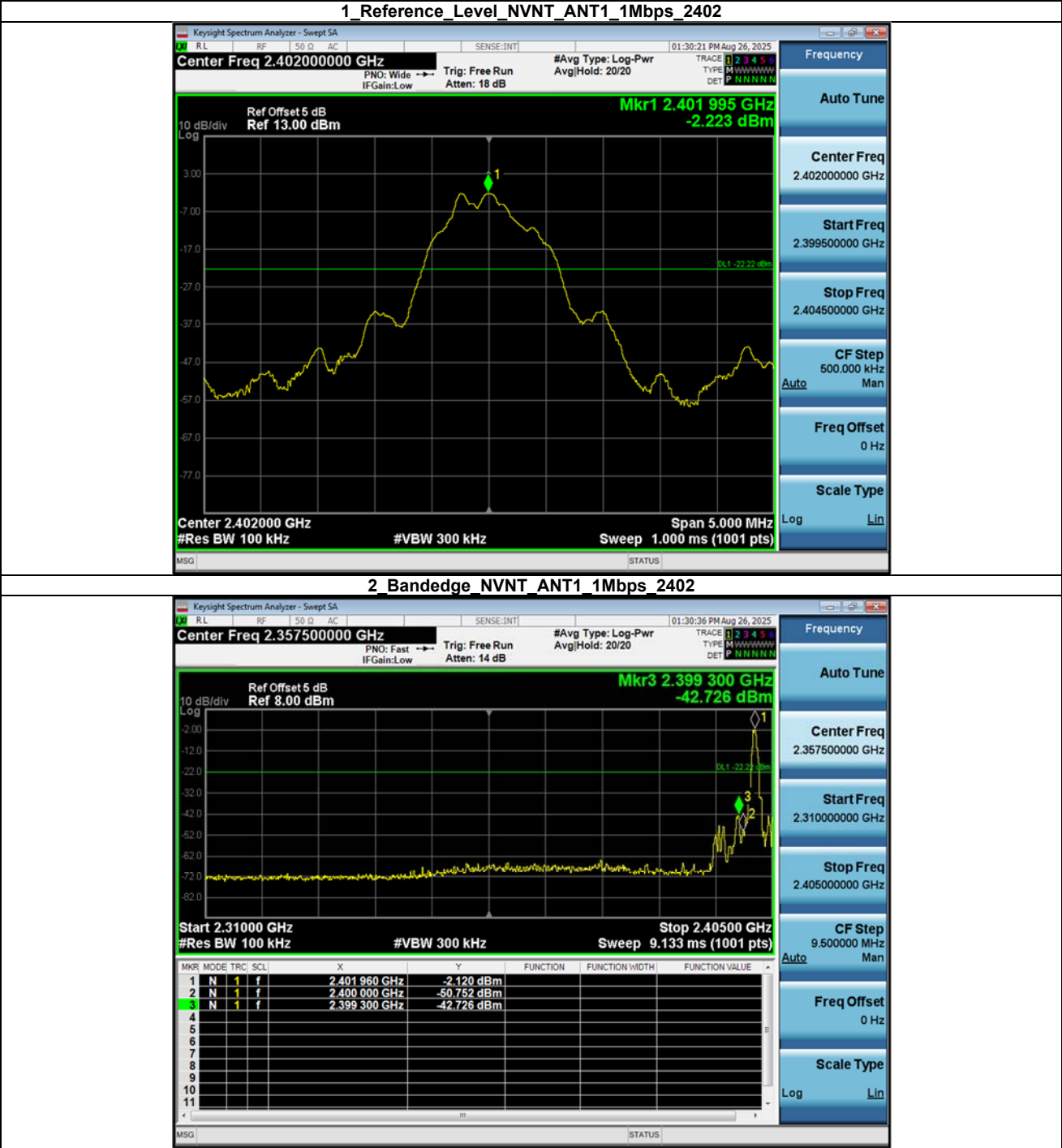


# Power Spectral Density NVNT\_ANT1\_1Mbps\_2480



6. Bandedge

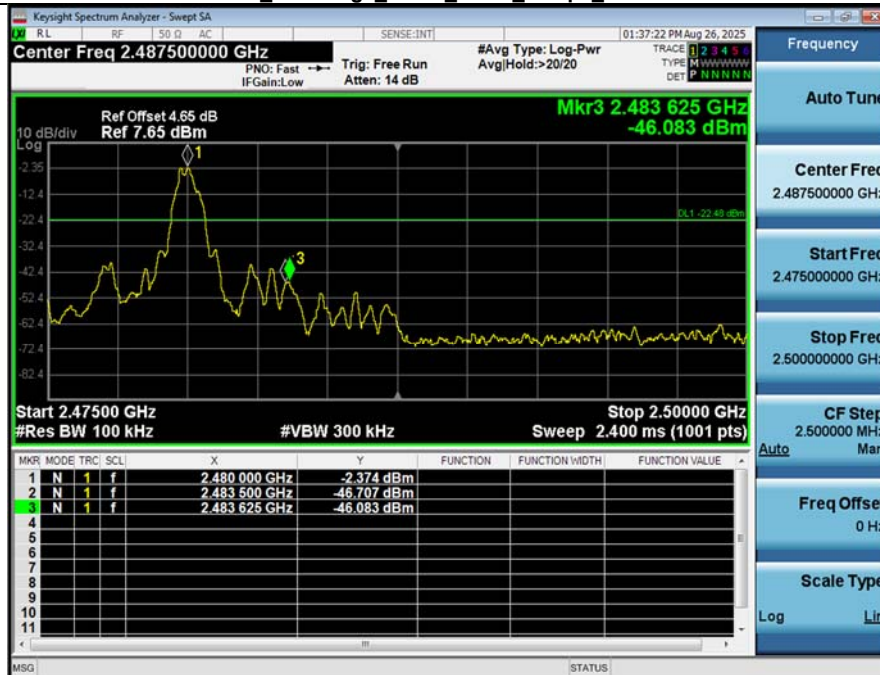
| Condition | Antenna | Modulation | TX_Frequency (MHz) | Max. Mark_freq(MHz) | Ref_level(dBm) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|------------|--------------------|---------------------|----------------|---------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps      | 2402.00            | 2399.300            | -2.223         | -42.726             | -22.223    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2480.00            | 2483.625            | -2.481         | -46.083             | -22.481    | Pass   |



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

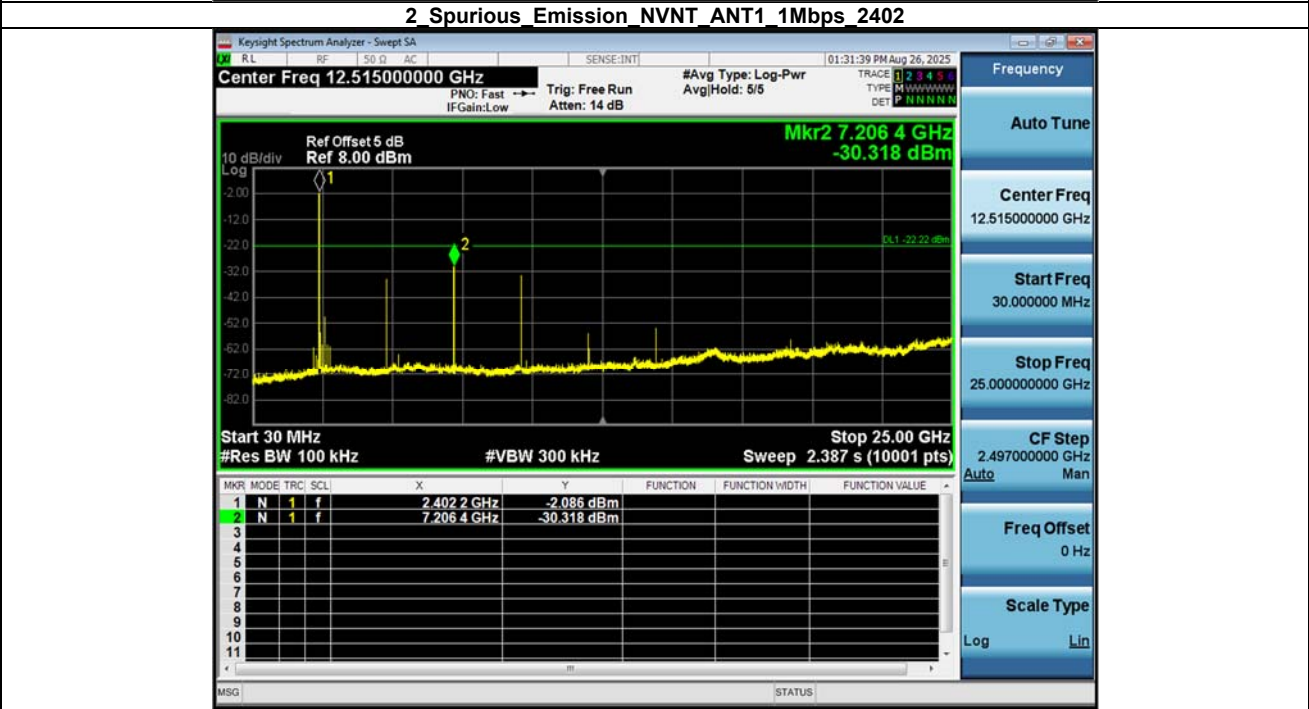


# 2 Bandedge\_NVNT\_ANT1\_1Mbps\_2480



7. Spurious Emission

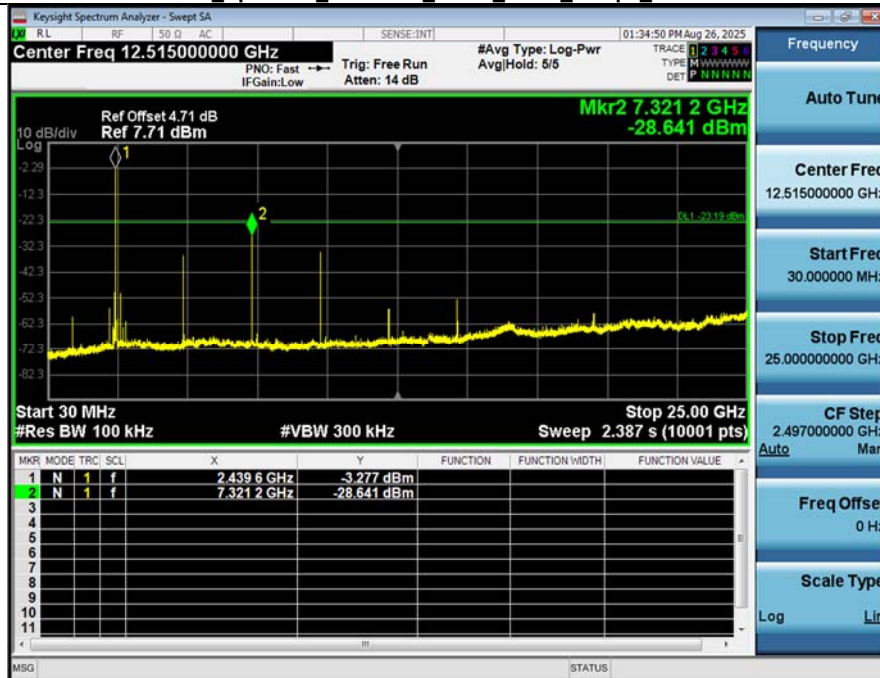
| Condition | Antenna | Modulation | TX_Frequency (MHz) | Ref_level(dBm) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|------------|--------------------|----------------|---------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps      | 2402.00            | -2.223         | -30.318             | -22.223    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2440.00            | -3.186         | -28.641             | -23.186    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2480.00            | -2.481         | -29.764             | -22.481    | 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

