

# FCC ID:2BQTQ-TX-06BE

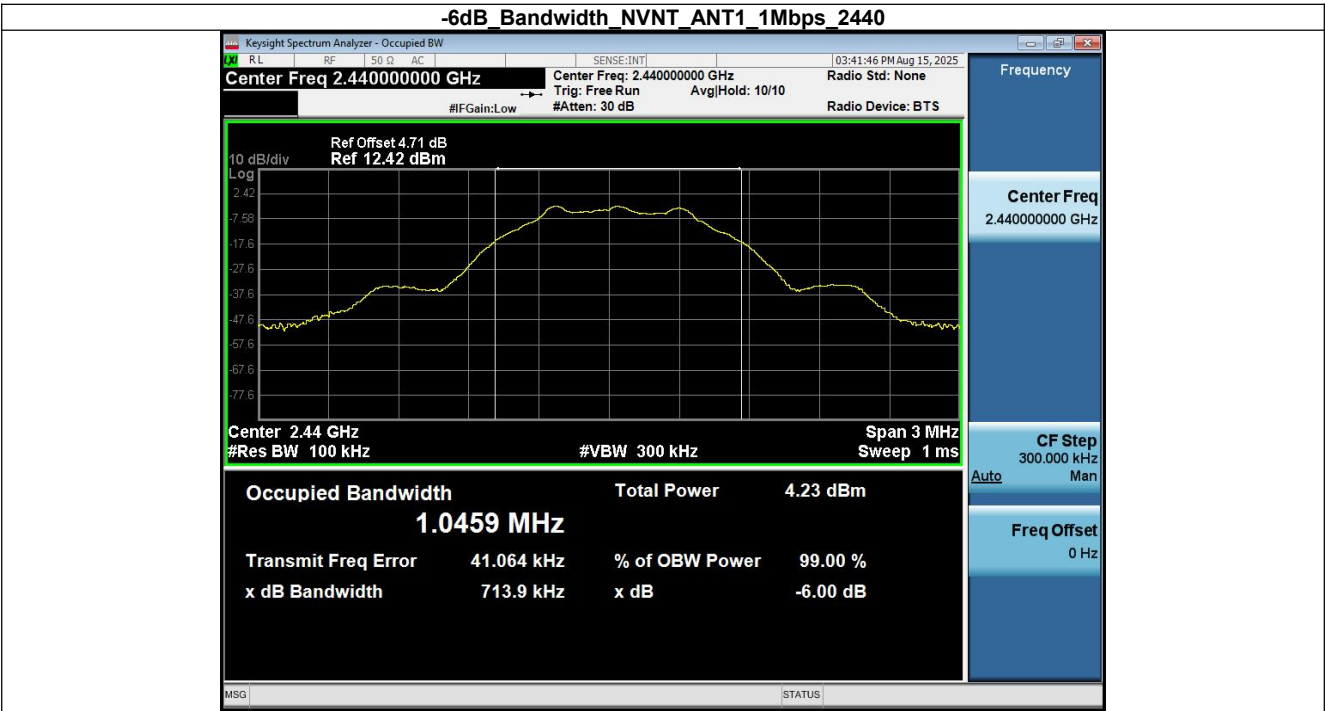
## FCC\_BLE (Part15.247) Test Data

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1. -6dB Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | -6dB BW(kHz) | limit(kHz) | Result |
|-----------|---------|-------|-----------------|--------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 704.22       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 713.92       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 704.66       | 500        | Pass   |

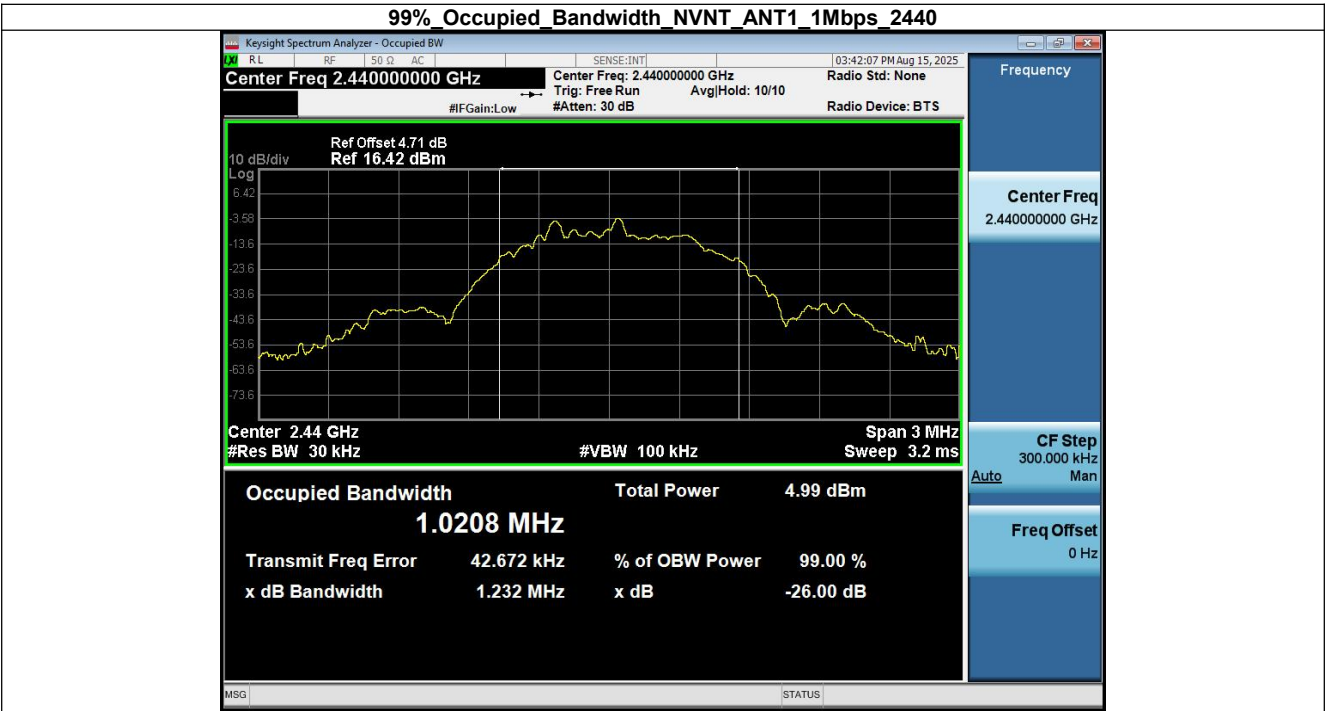


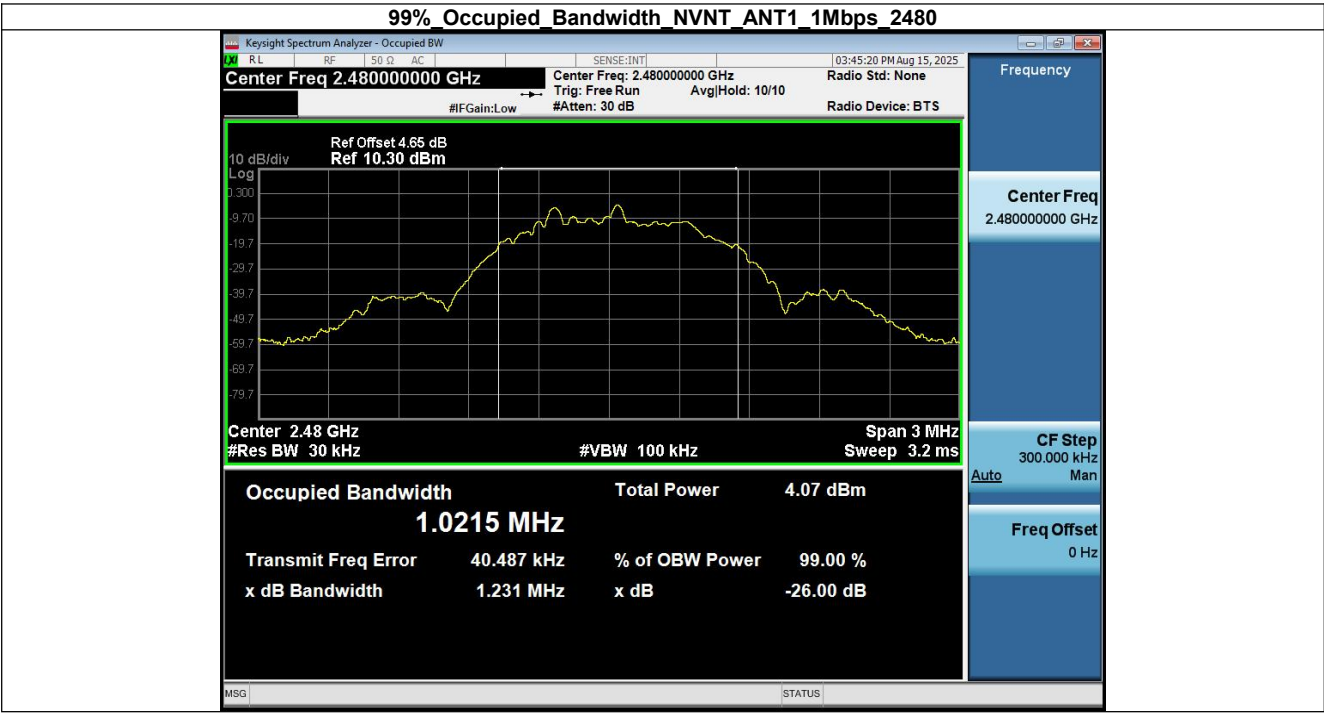
-6dB Bandwidth NVNT ANT1 1Mbps 2480



2. 99% Occupied Bandwidth

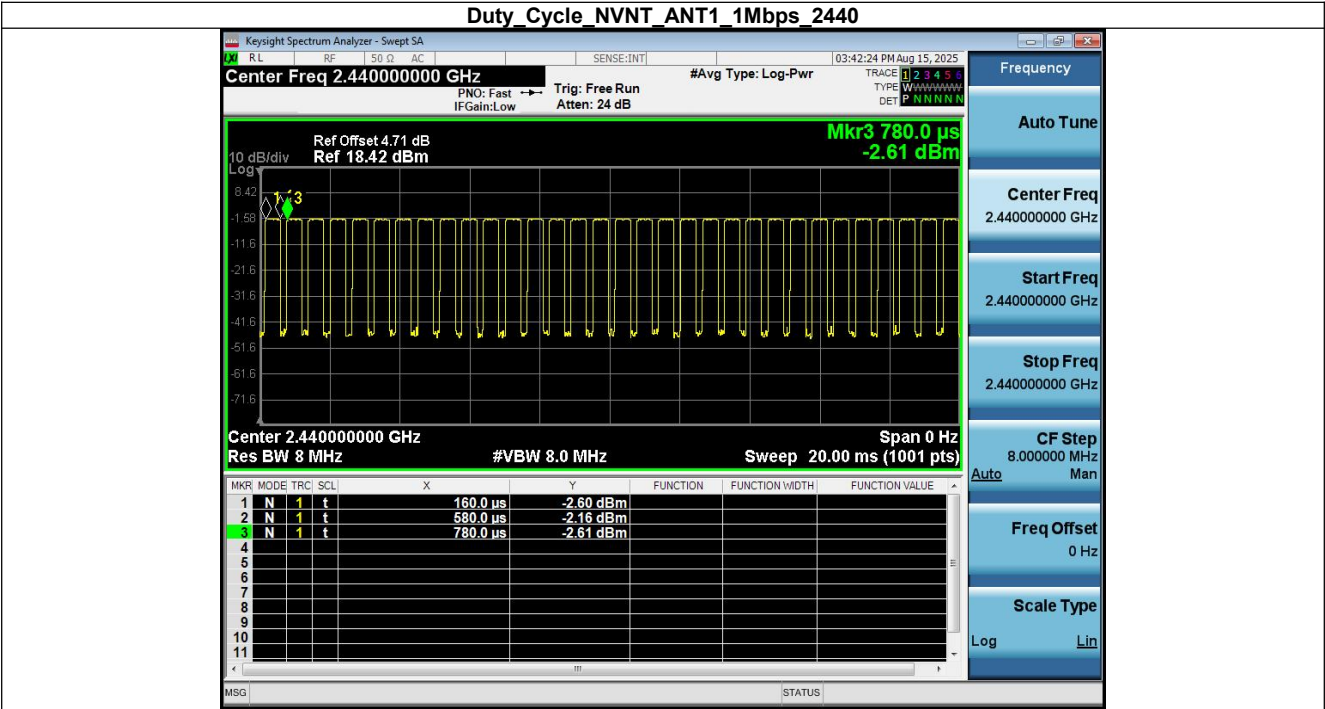
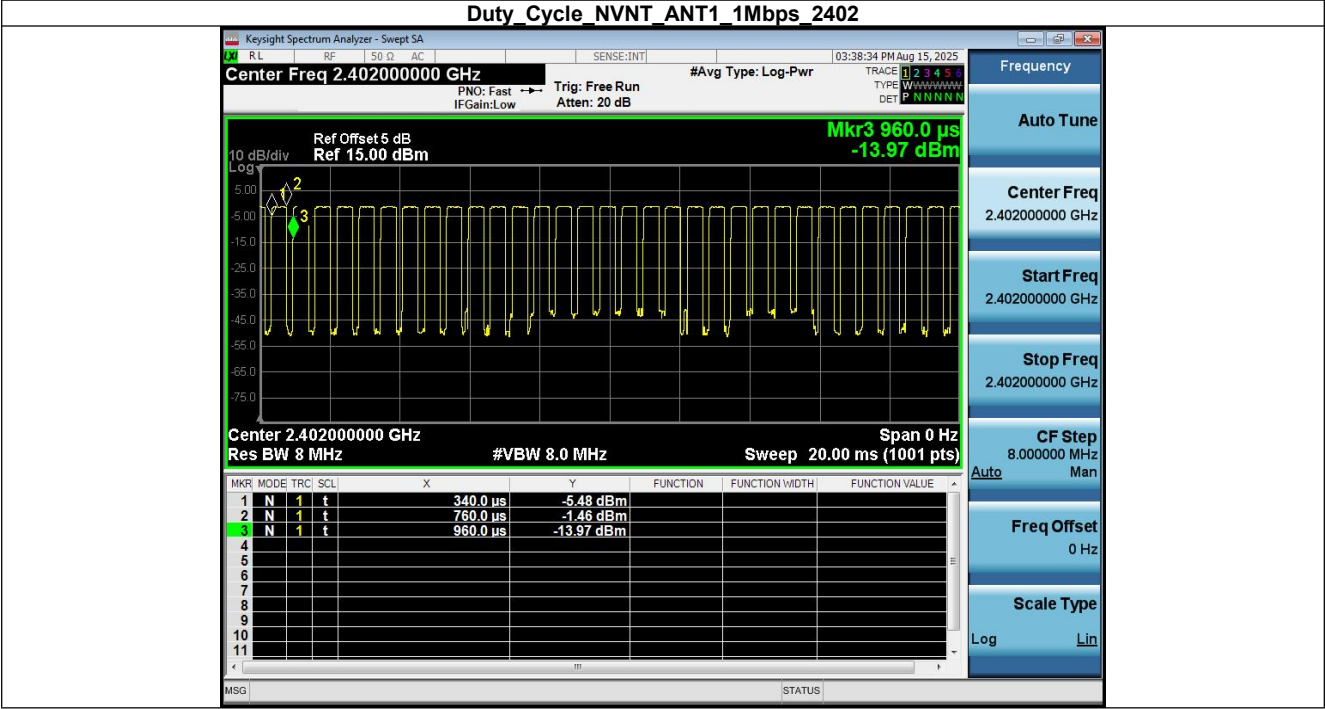
| Condition | Antenna | Rate  | Frequency (MHz) | 99% BW (MHz) |
|-----------|---------|-------|-----------------|--------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 1.021        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 1.021        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 1.022        |



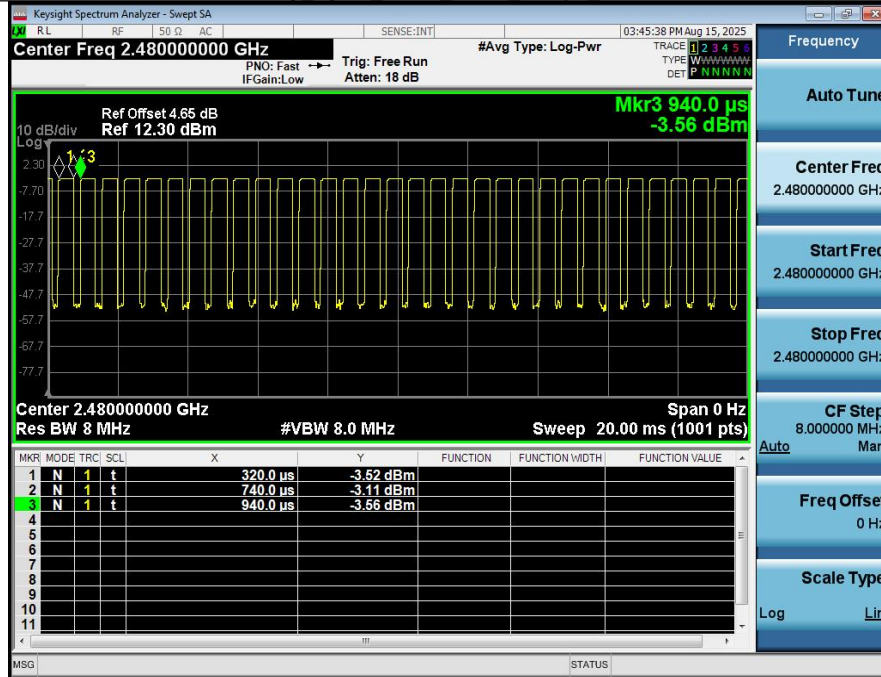


3. Duty Cycle

| Condition | Antenna | Rate  | Frequency (MHz) | Dutycycle(%) | Duty_factor |
|-----------|---------|-------|-----------------|--------------|-------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 70.97        | 1.49        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 67.74        | 1.69        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 70.97        | 1.49        |

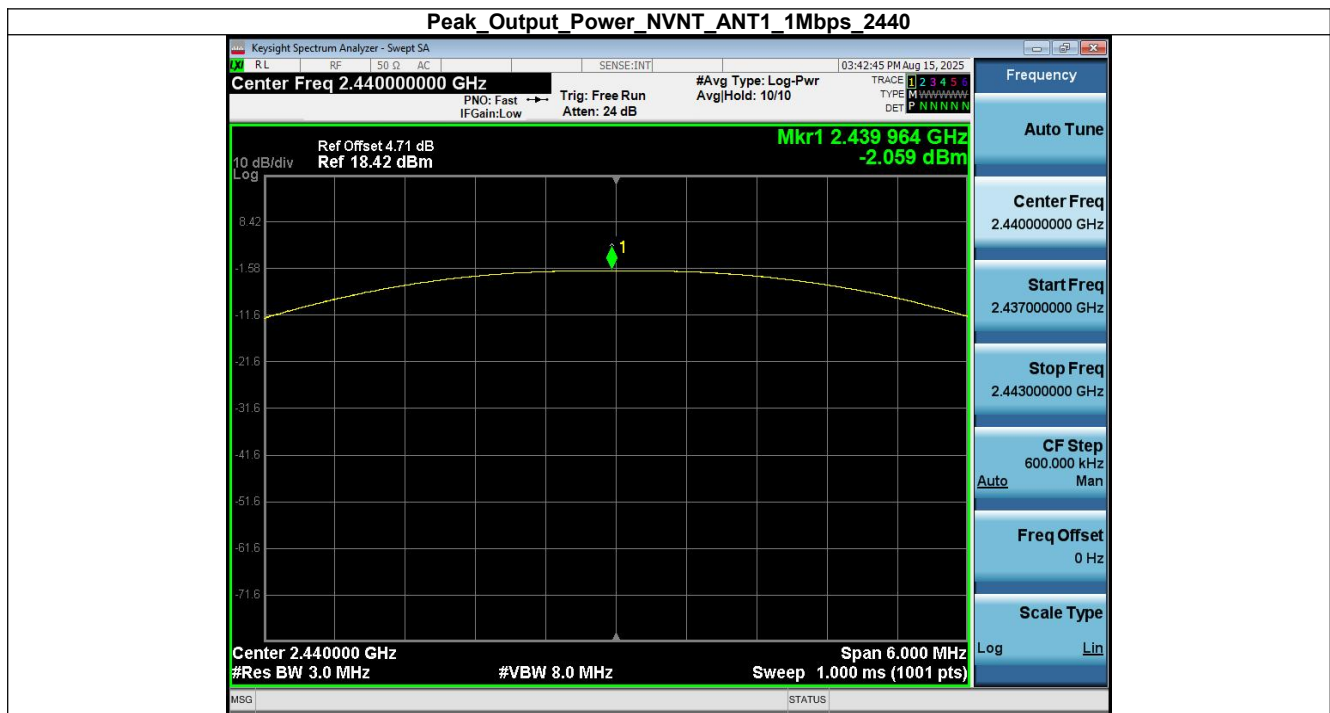
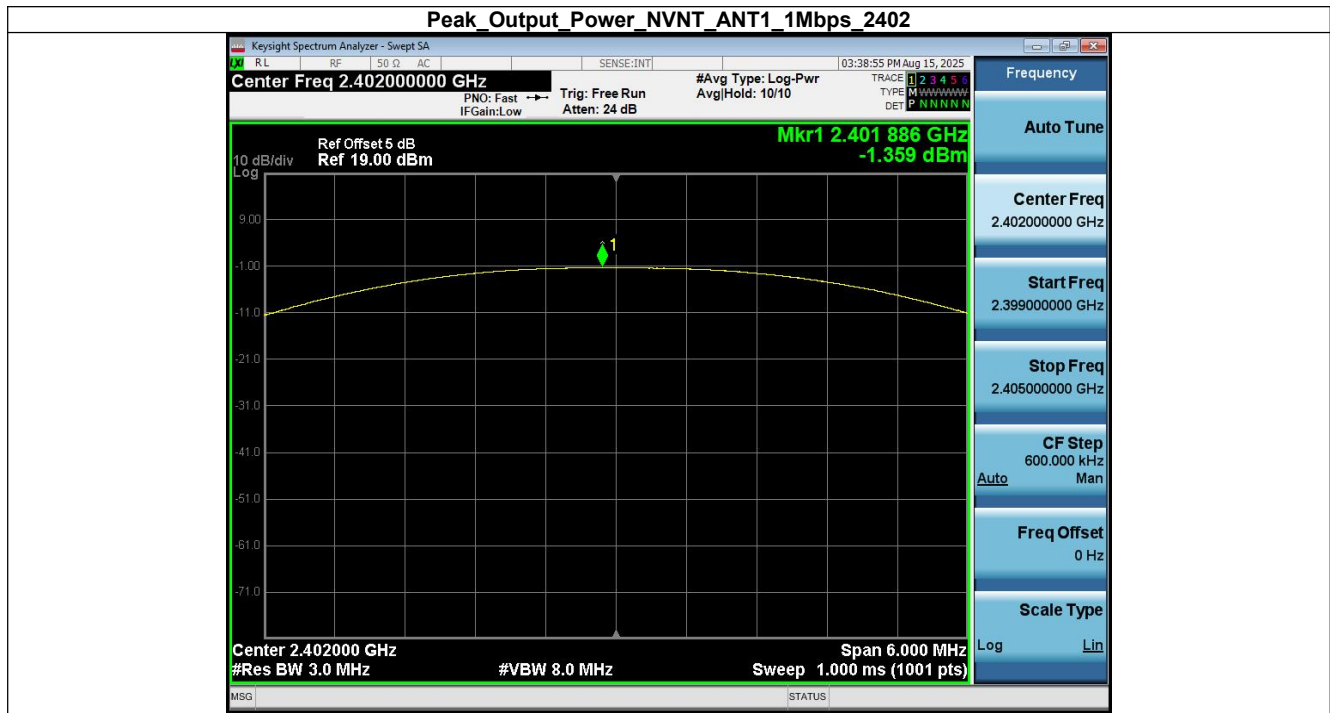


# Duty Cycle NVNT\_ANT1\_1Mbps\_2480



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         | -1.36                     | 0.73                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -2.06                     | 0.62                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -2.99                     | 0.50                     | 1000      | Pass   |



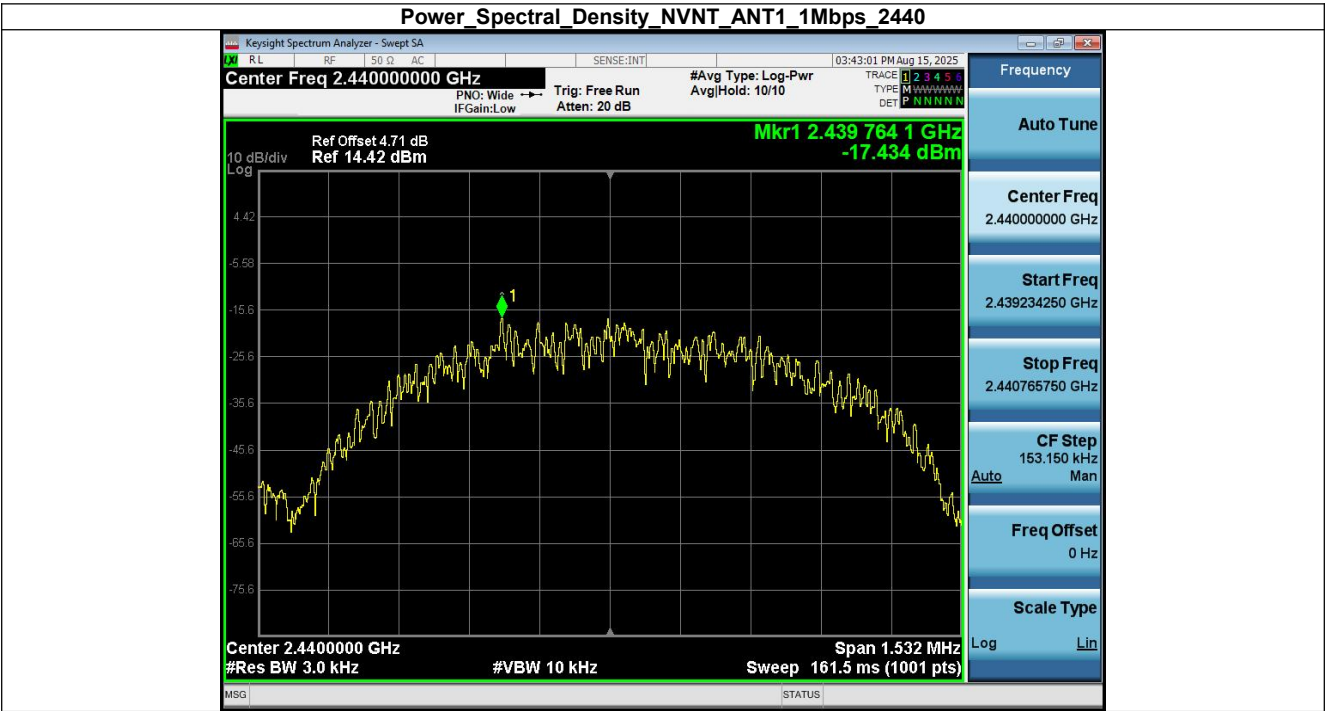
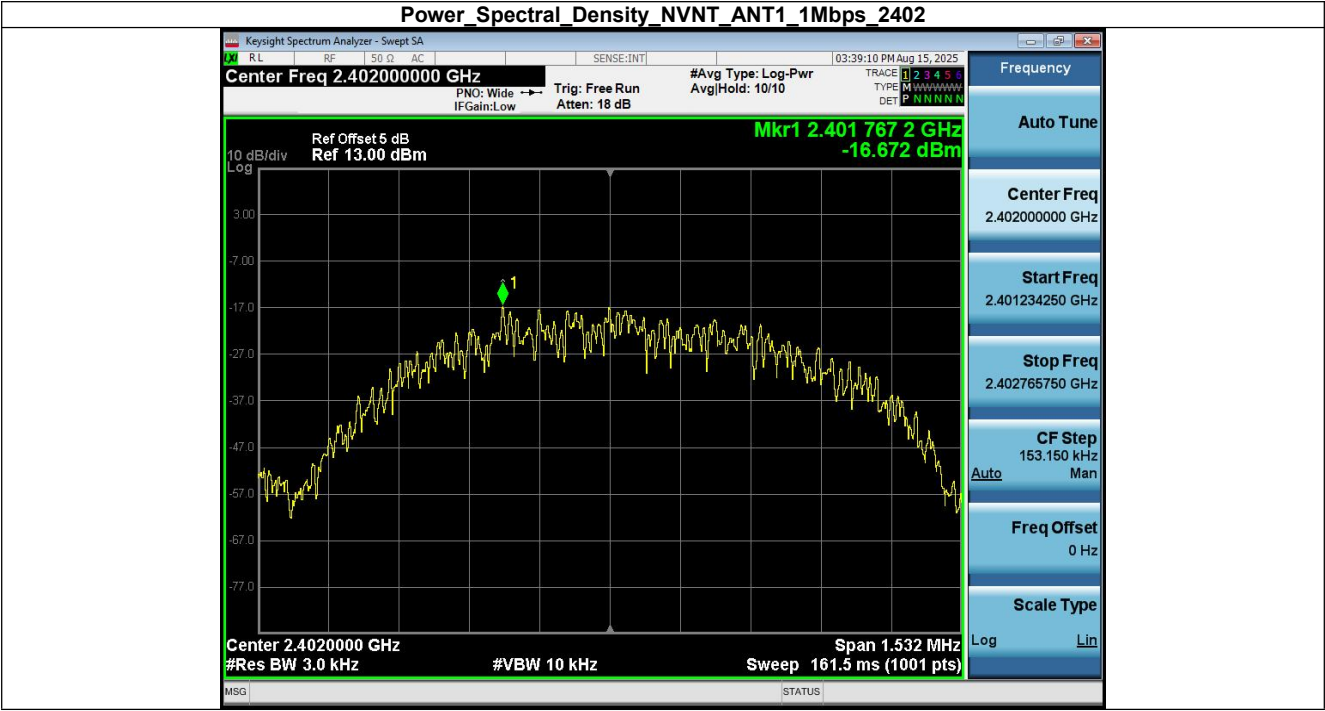


# Peak Output Power NVNT\_ANT1\_1Mbps\_2480

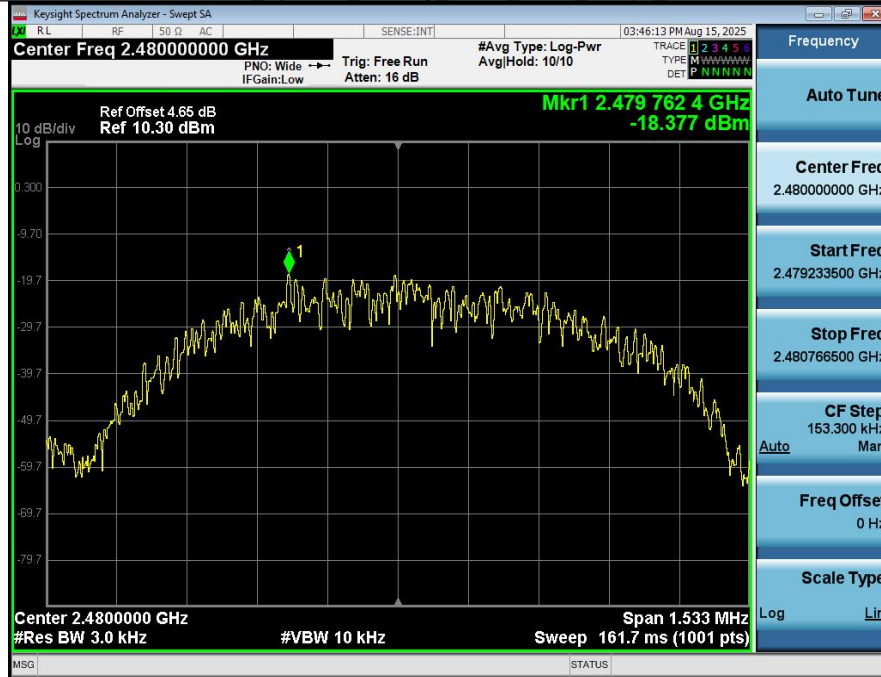


5. Power Spectral Density

| Condition | Antenna | Rate  | Frequency (MHz) | Power Spectral Density(dBm/3kHz) | Limit(dBm/3kHz) | Result |
|-----------|---------|-------|-----------------|----------------------------------|-----------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | -16.67                           | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -17.43                           | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -18.38                           | 8               | Pass   |

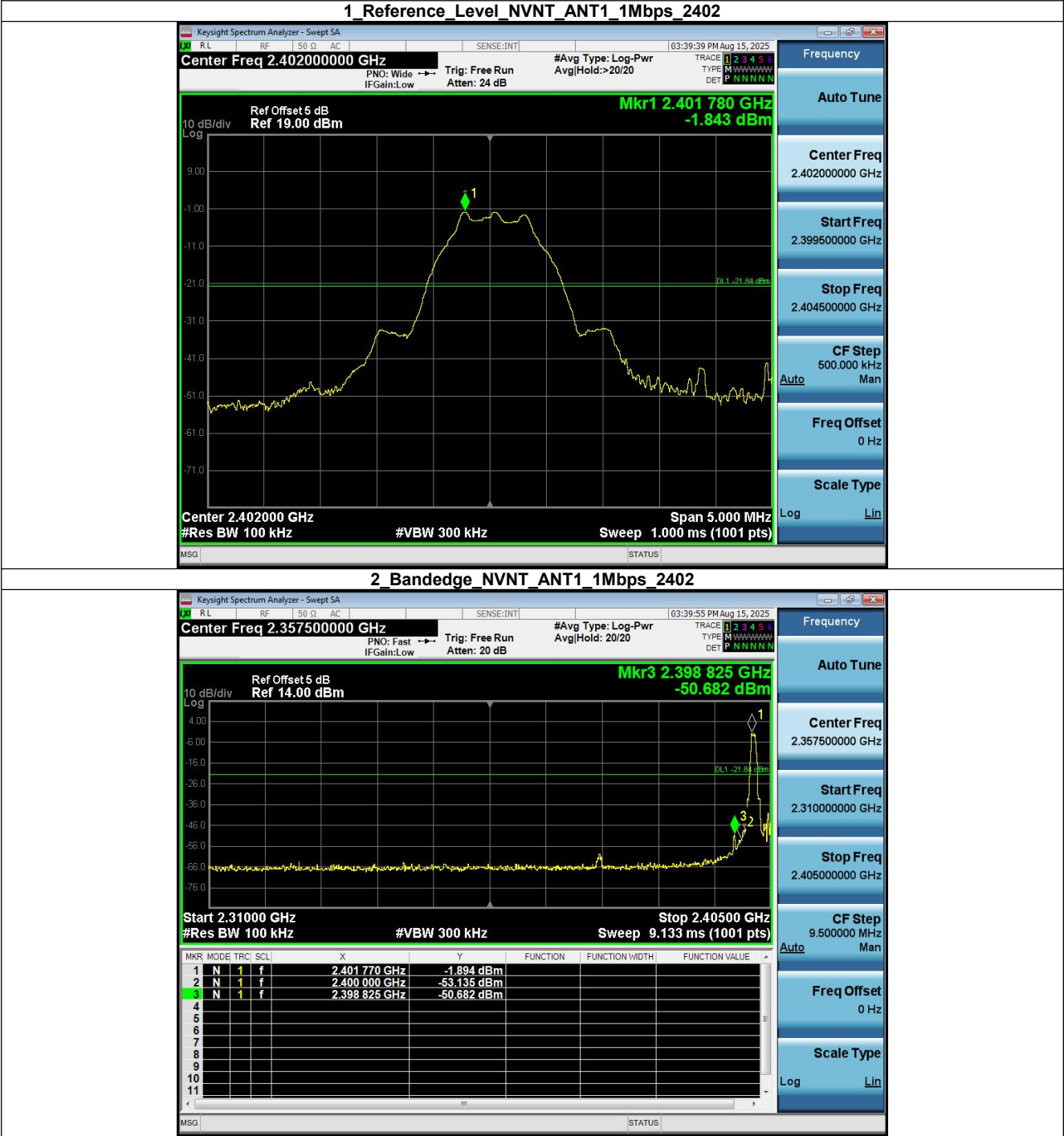


# Power Spectral Density NVNT ANT1 1Mbps 2480



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            | 2398.825            | -1.843         | -50.682             | -21.843    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2480.00            | 2483.725            | -3.511         | -60.501             | -23.511    | Pass   |



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

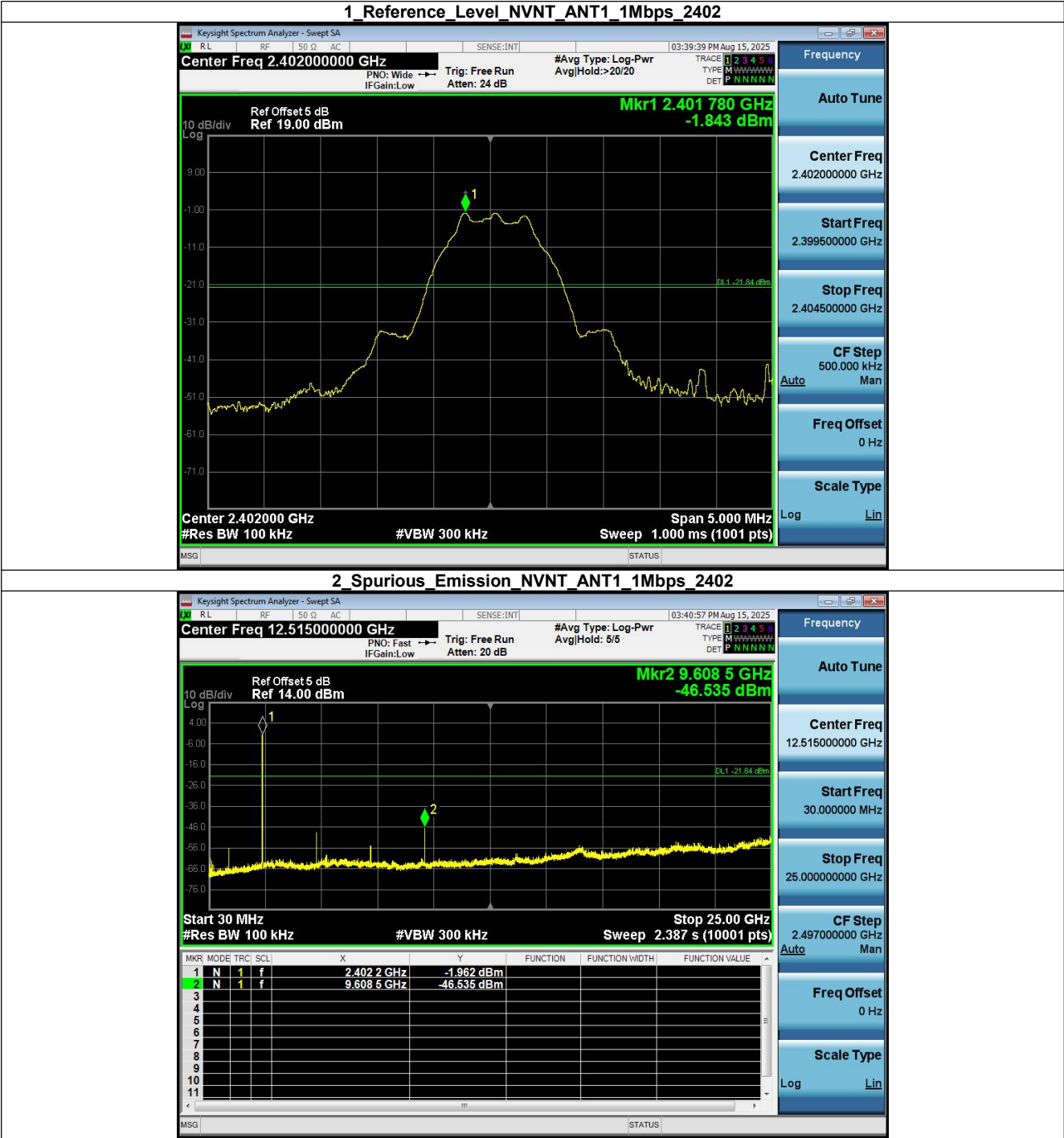


# 2 Bandedge\_NVNT\_ANT1\_1Mbps\_2480



7. Spurious Emission

| Condition | Antenna | Modulation | TX_Frequency (MHz) | Ref_level(dBm) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|------------|--------------------|----------------|---------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps      | 2402.00            | -1.843         | -46.535             | -21.843    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2440.00            | -2.555         | -49.570             | -22.555    | Pass   |
| NVNT      | ANT1    | 1Mbps      | 2480.00            | -3.511         | -51.507             | -23.511    | Pass   |

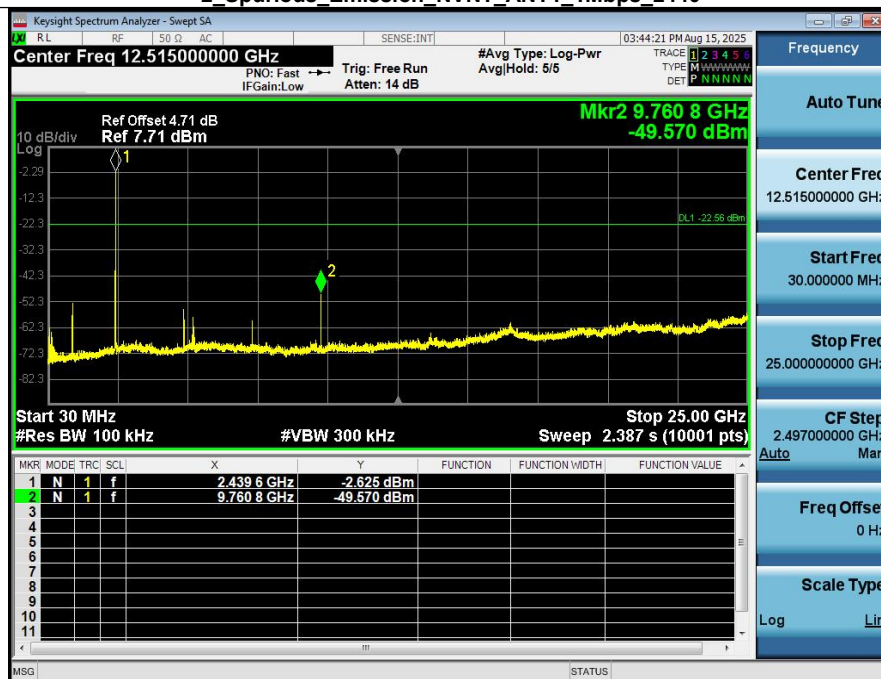




# 1 Reference Level NVNT ANT1 1Mbps 2440



# 2 Spurious Emission NVNT ANT1 1Mbps 2440



# 1 Reference Level NVNT ANT1 1Mbps 2480



# 2 Spurious Emission NVNT ANT1 1Mbps 2480

