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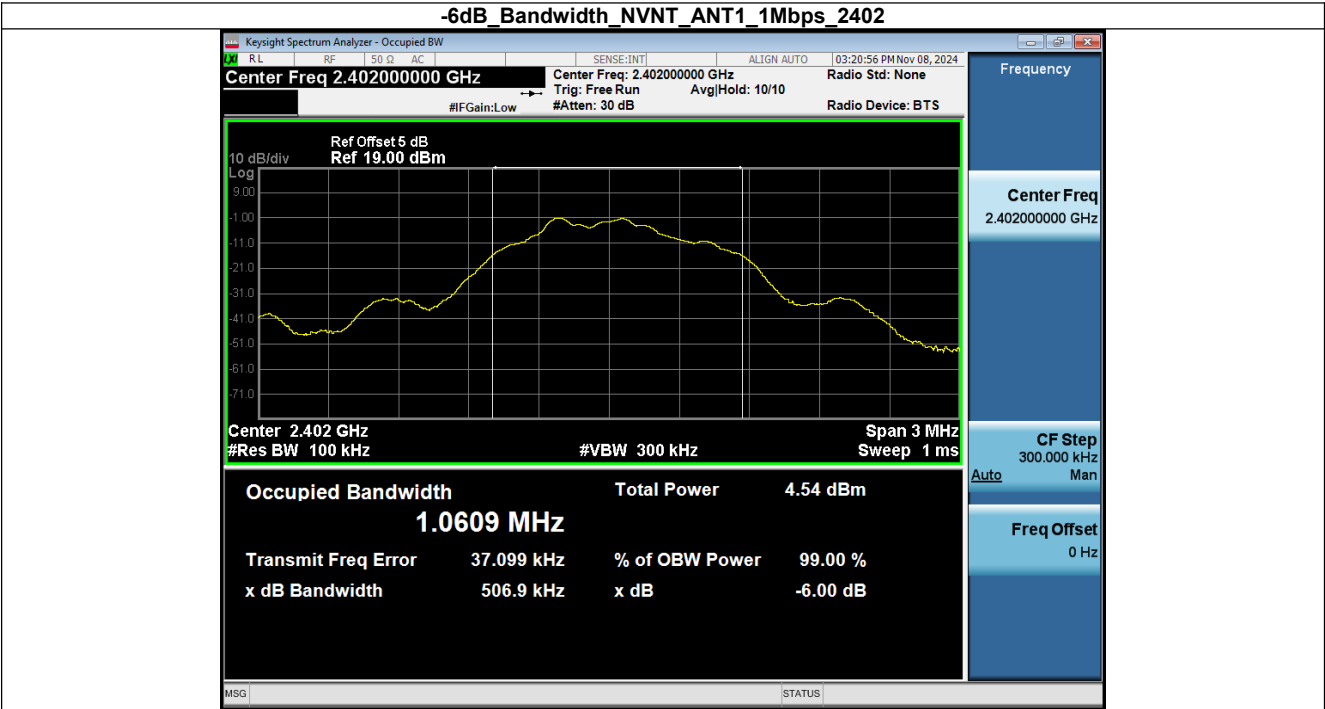
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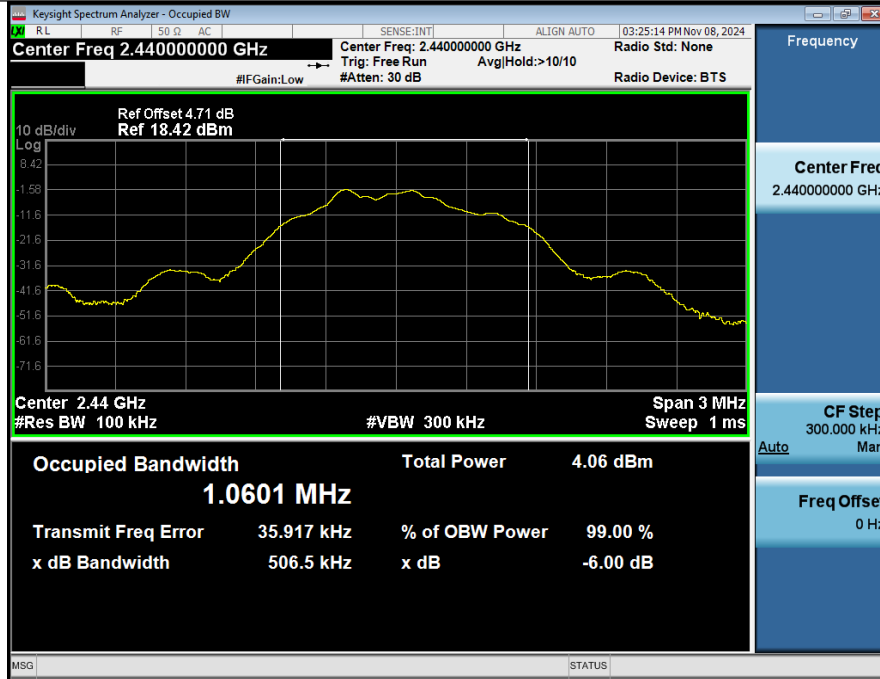
Applicant's name:Shenzhen Distar Technology Co., Ltd.  
Model name:G38, CH10, CH06, CH08, CH11, CH12, CH13,  
CH15, CH16, CH17, CH18, CH19, CH20  
FCC ID:2BKLC-G38  
FCC\_BLE (Part15.247) Test Data

1. -6dB Bandwidth

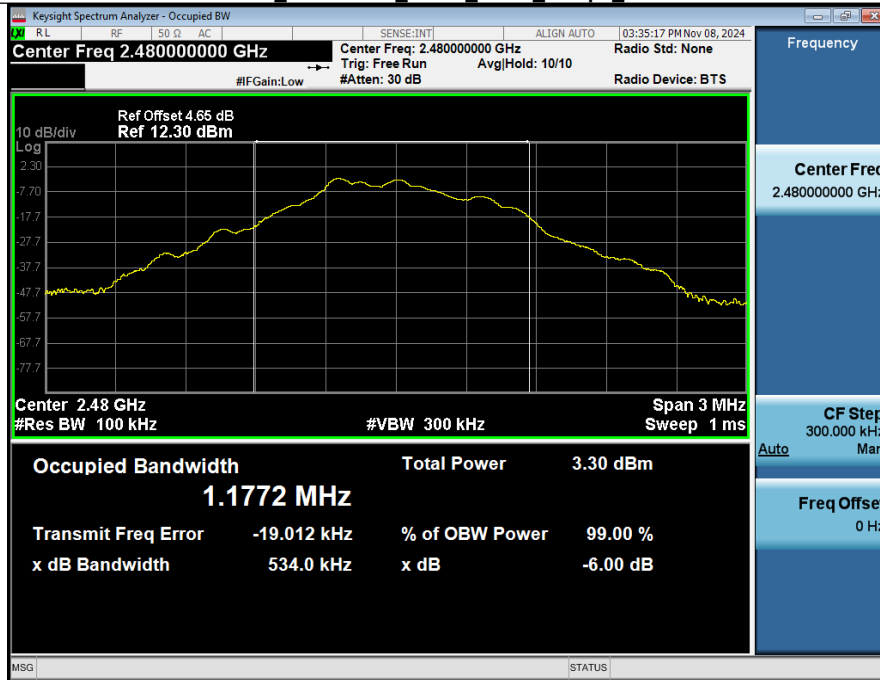
| Condition | Antenna | Rate  | Frequency (MHz) | -6dB BW(kHz) | limit(kHz) | Result |
|-----------|---------|-------|-----------------|--------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 506.85       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 506.53       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 533.98       | 500        | Pass   |



-6dB Bandwidth NVNT\_ANT1\_1Mbps\_2440

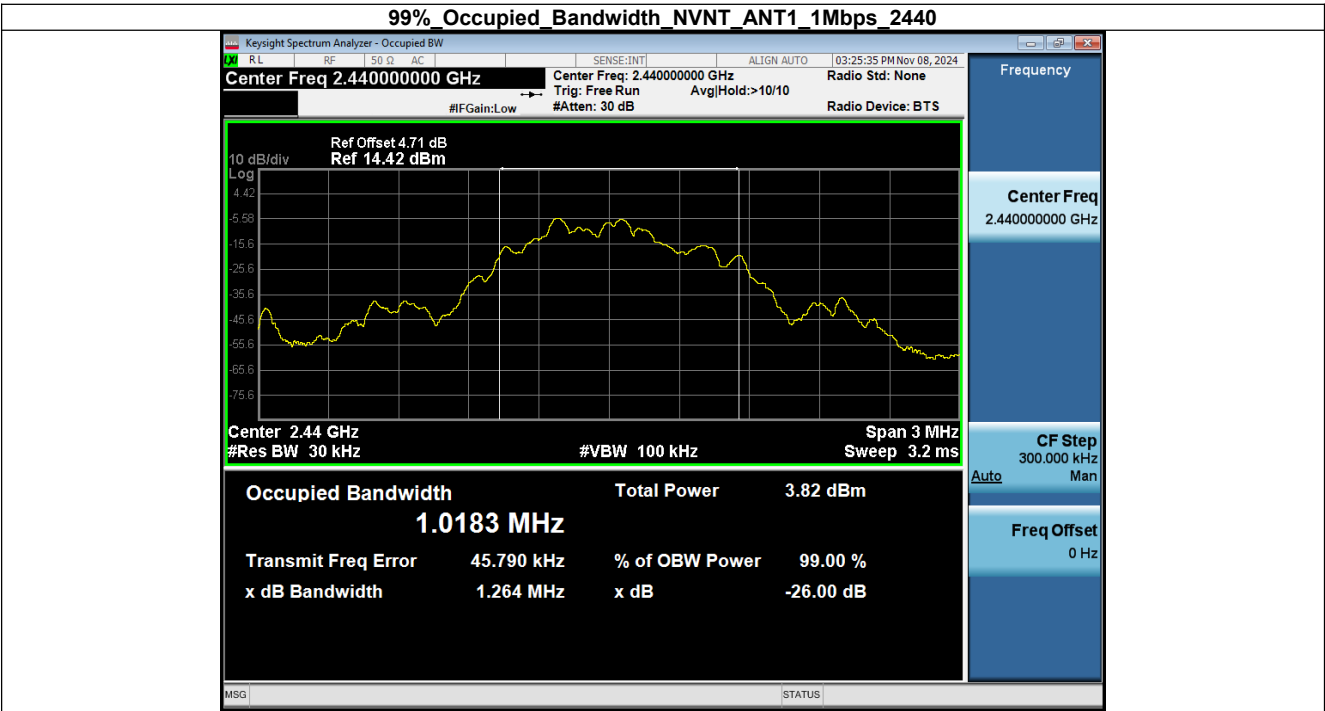
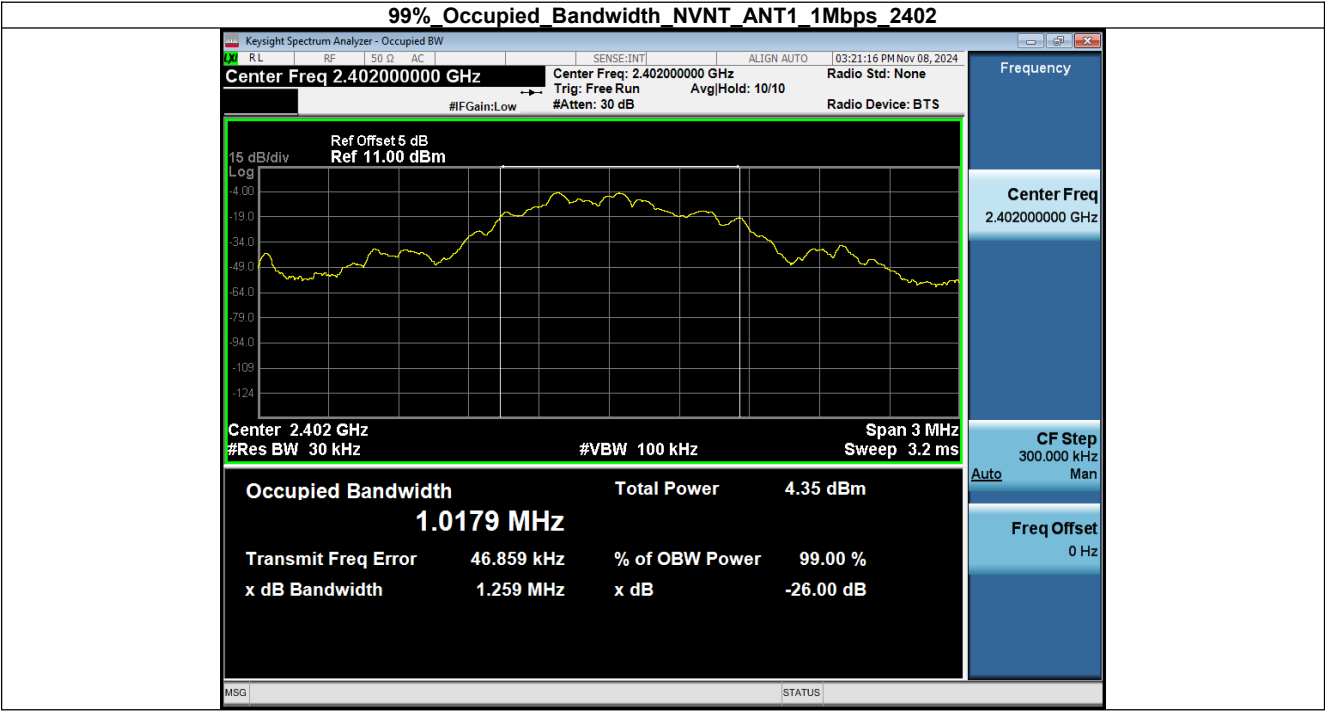


-6dB Bandwidth NVNT\_ANT1\_1Mbps\_2480



2. 99% Occupied Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | 99% BW (MHz) |
|-----------|---------|-------|-----------------|--------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 1.018        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 1.018        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 1.161        |

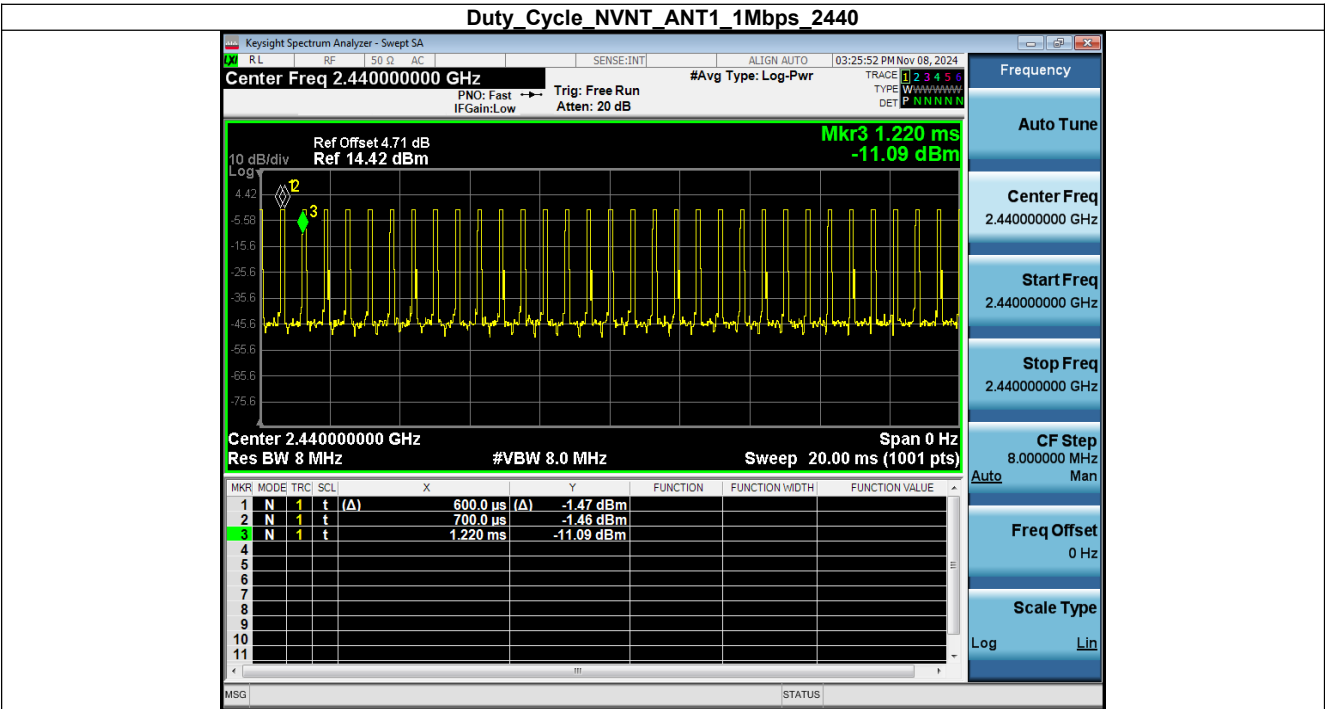
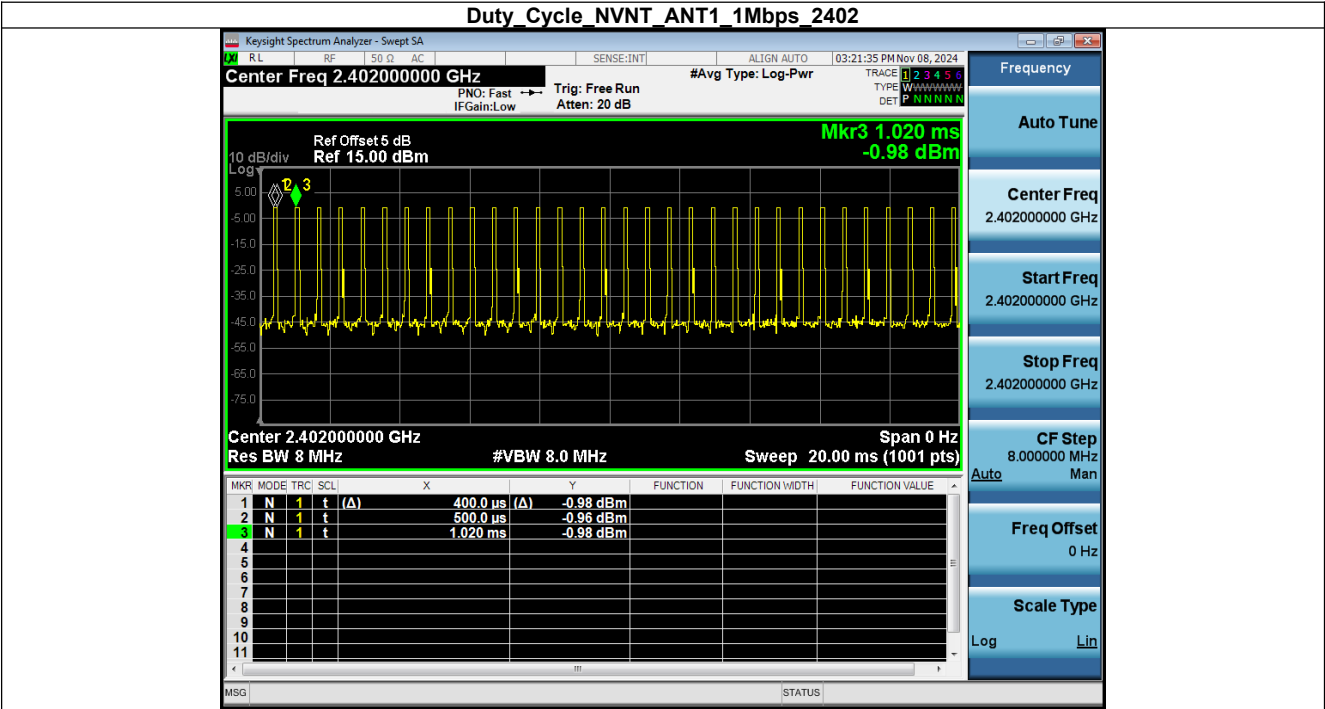


# 99% Occupied Bandwidth NVNT\_ANT1\_1Mbps\_2480

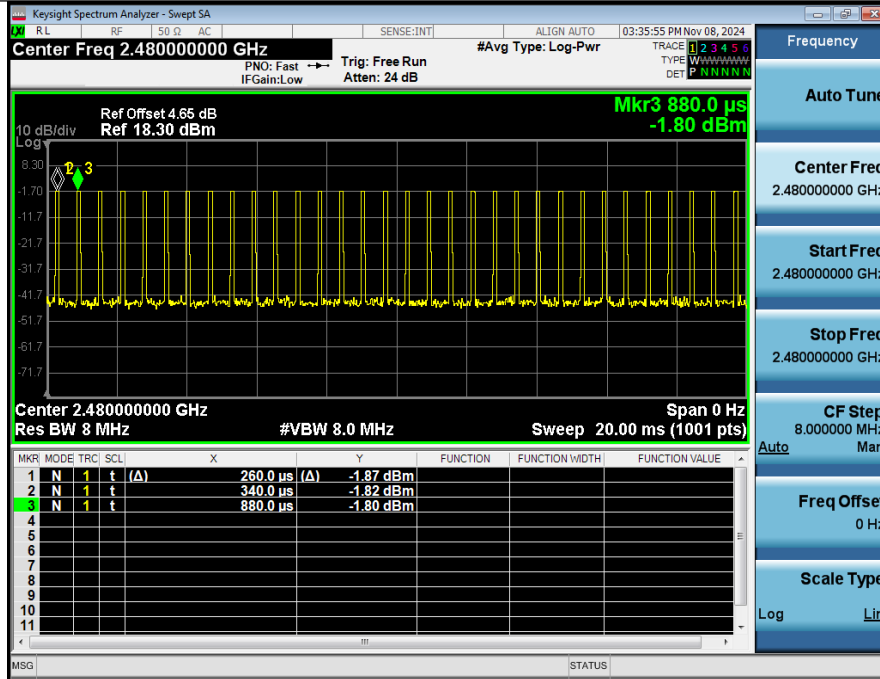


3. Duty Cycle

| Condition | Antenna | Rate  | Frequency (MHz) | Dutycycle(%) | Duty_factor |
|-----------|---------|-------|-----------------|--------------|-------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 16.13        | 7.92        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 19.35        | 7.13        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 12.90        | 8.89        |



# Duty Cycle\_NVNT\_ANT1\_1Mbps\_2480

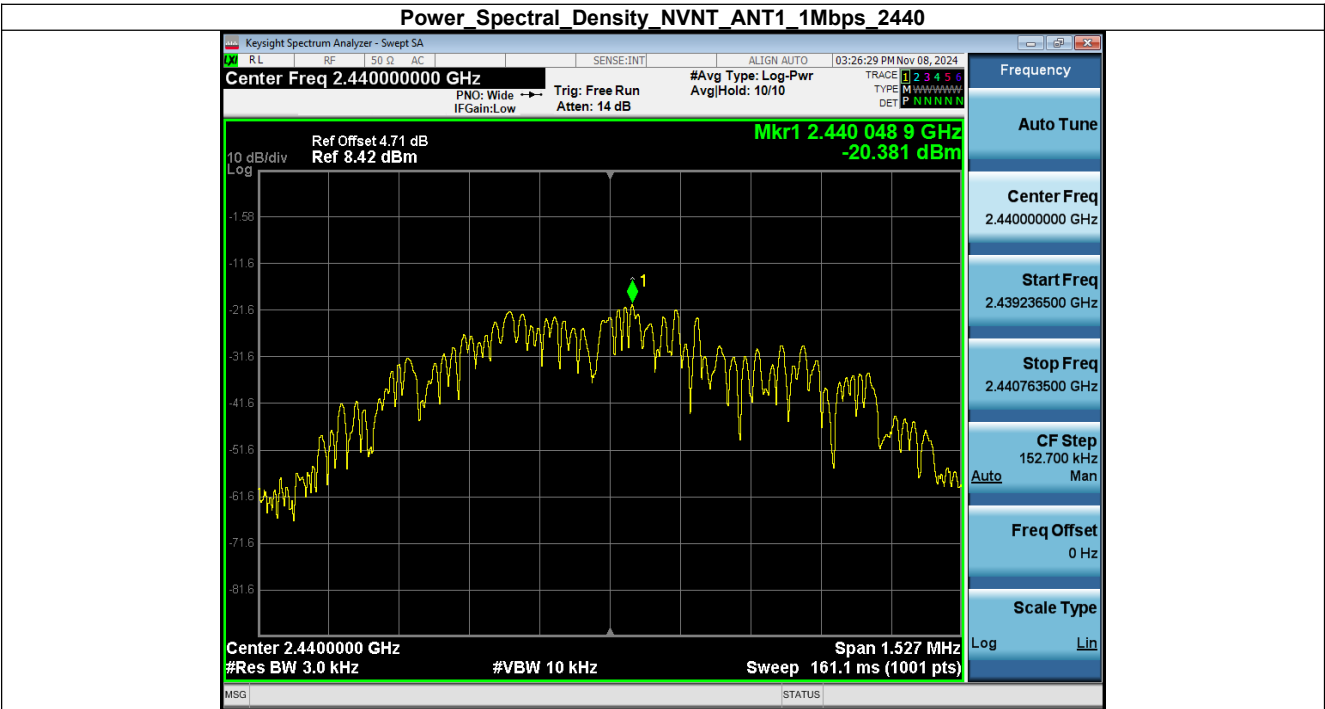
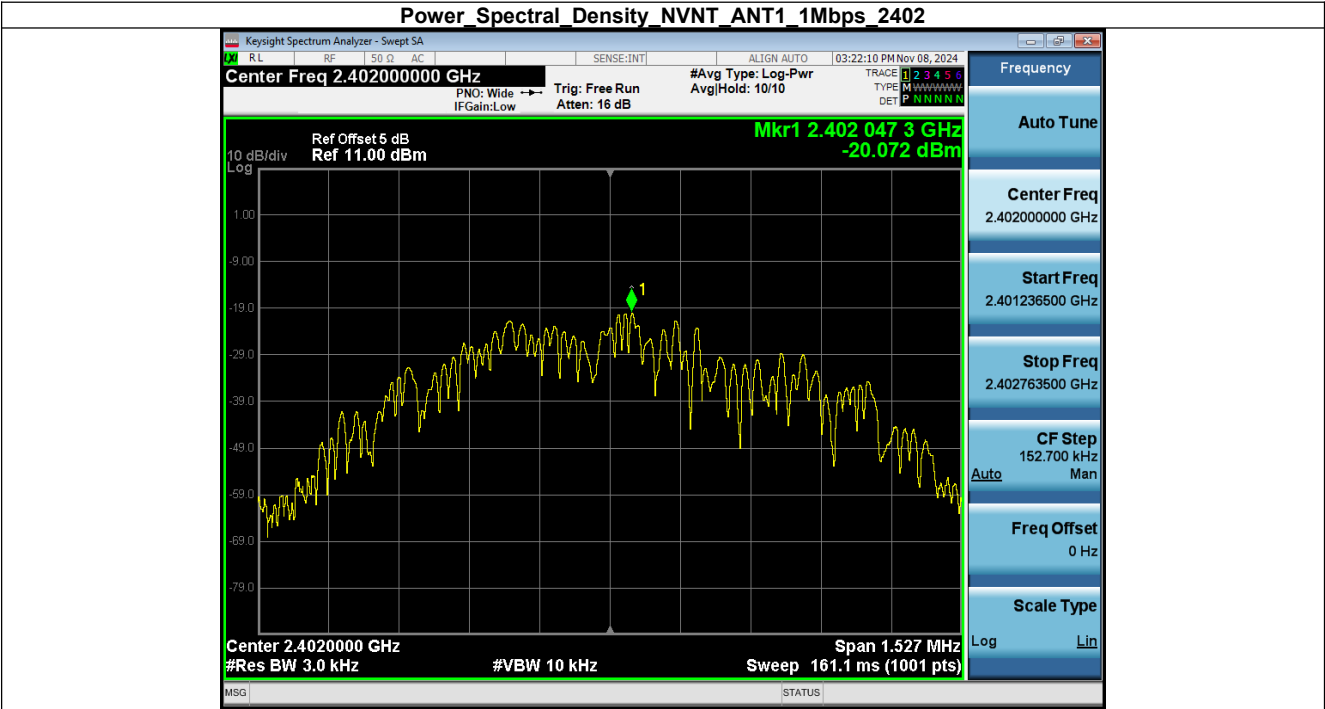


## 4. Peak Output Power

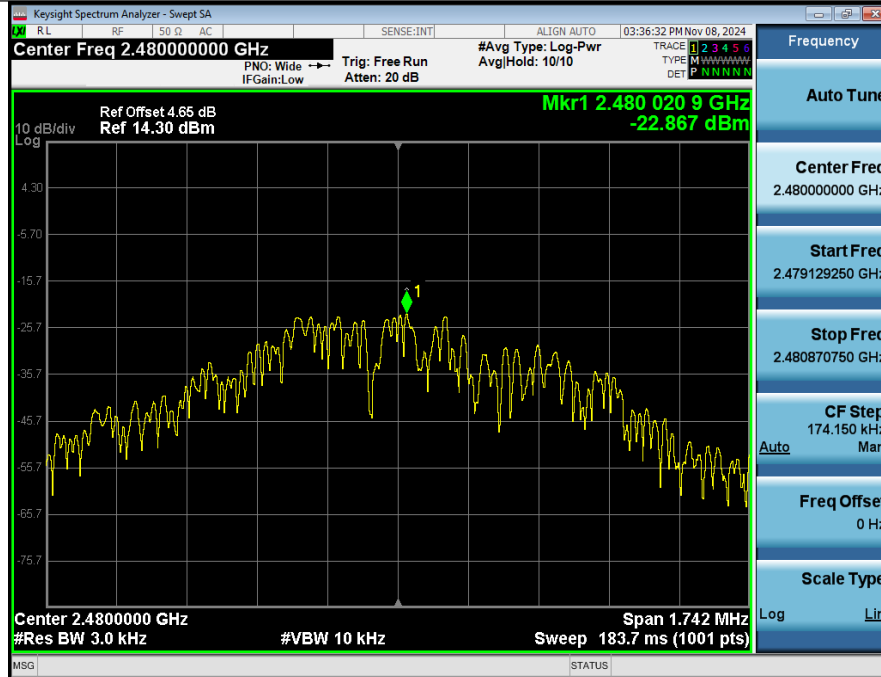
| Condition | Antenna | Rate  | Frequency (MHz) | Max. Conducted Power(dBm) | Max. Conducted Power(mW) | Limit(mW) | Result |
|-----------|---------|-------|-----------------|---------------------------|--------------------------|-----------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | -0.96                     | 0.80                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -1.02                     | 0.79                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -1.82                     | 0.66                     | 1000      | Pass   |

5. Power Spectral Density

| Condition | Antenna | Rate  | Frequency (MHz) | Power Spectral Density(dBm) | Limit(dBm/3kHz) | Result |
|-----------|---------|-------|-----------------|-----------------------------|-----------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | -20.07                      | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -20.38                      | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -22.87                      | 8               | Pass   |

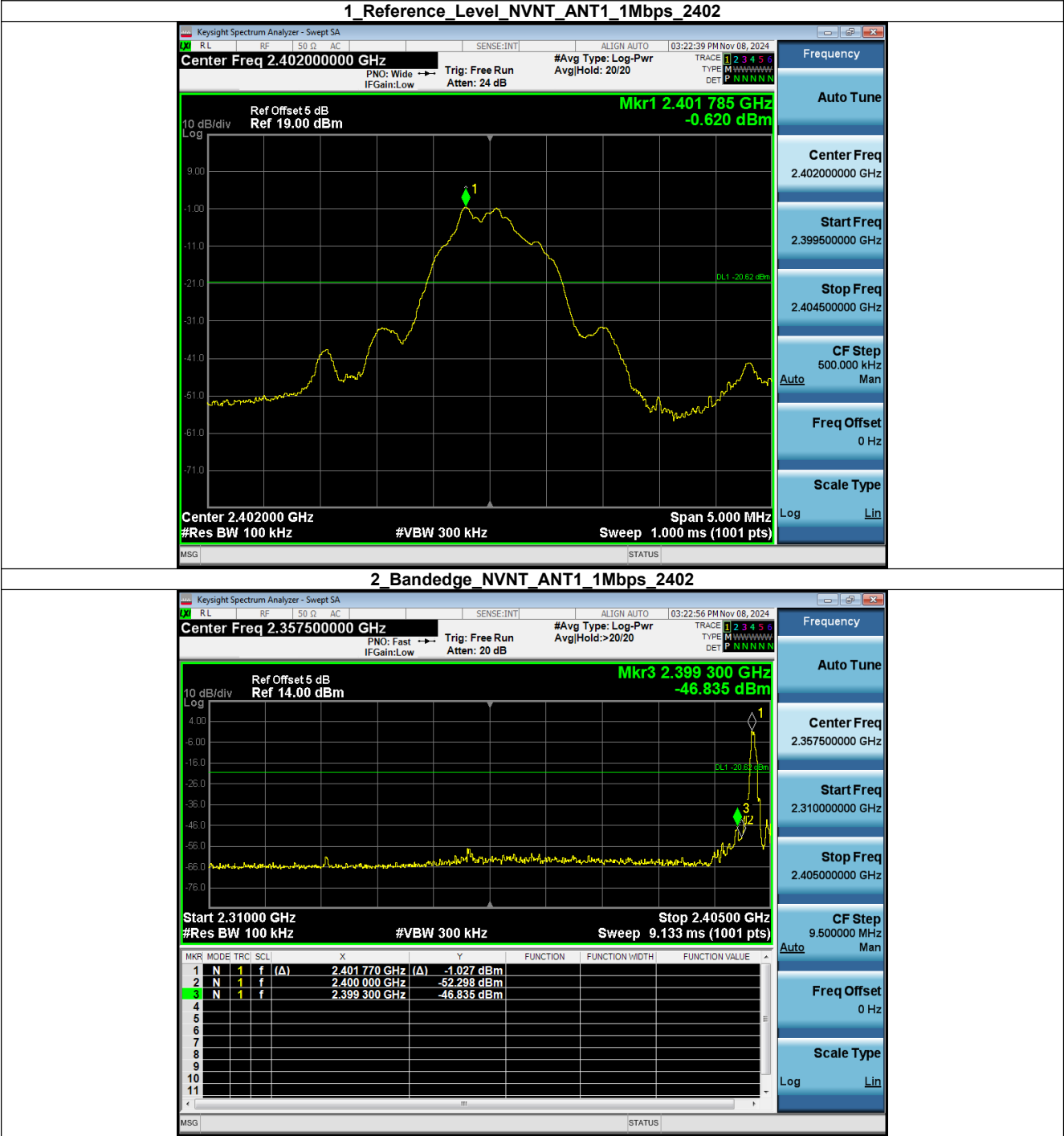


# Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2480



6. Bandedge

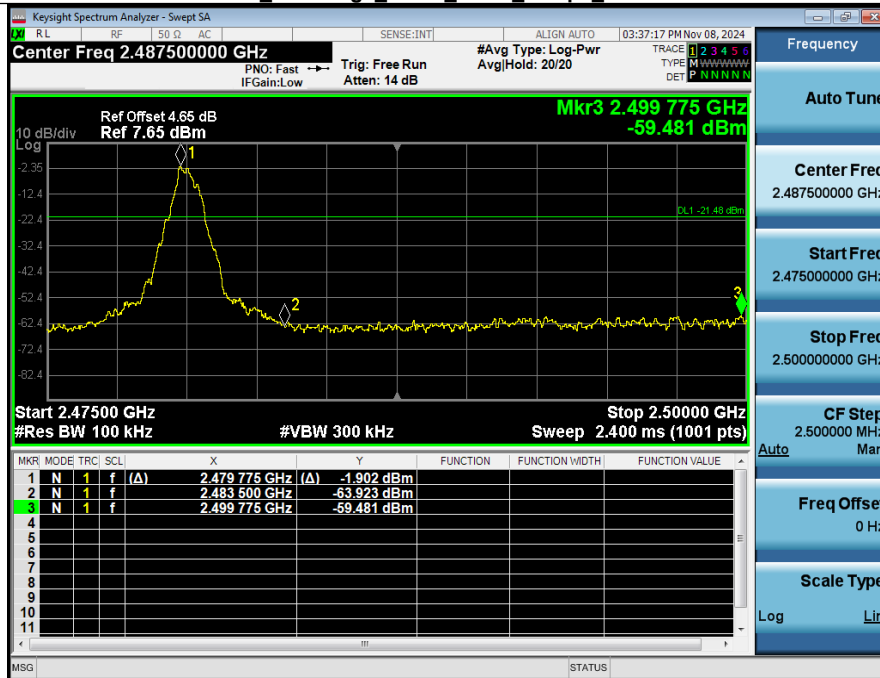
| Condition | Antenna | Rate  | TX_Frequency (MHz) | Max. Mark Frequency (MHz) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|-------|--------------------|---------------------------|---------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00            | 2399.300                  | -46.835             | -20.620    | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00            | 2499.775                  | -59.481             | -21.476    | Pass   |



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

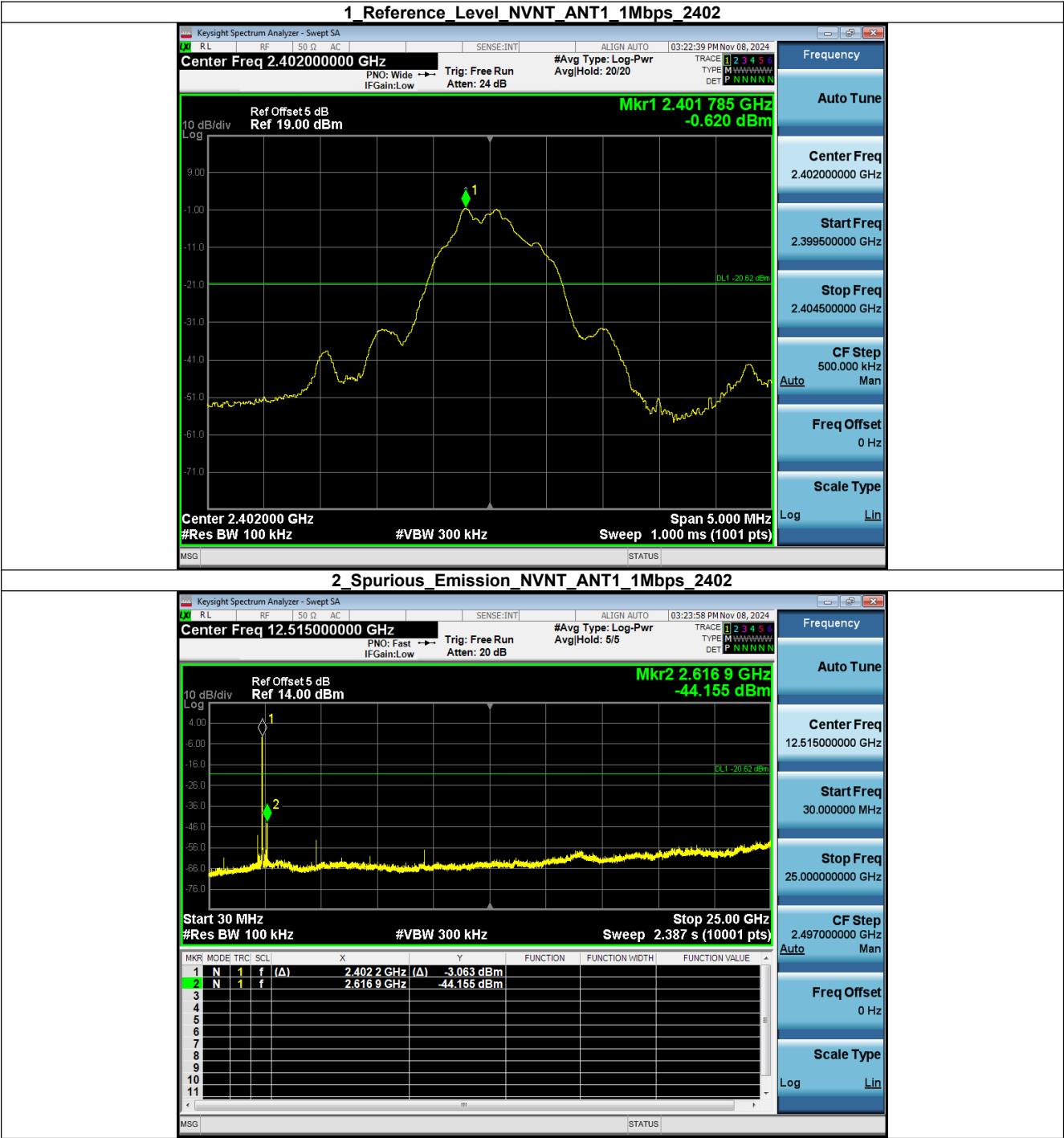


# 2 Bandedge\_NVNT\_ANT1\_1Mbps\_2480



7. Spurious Emission

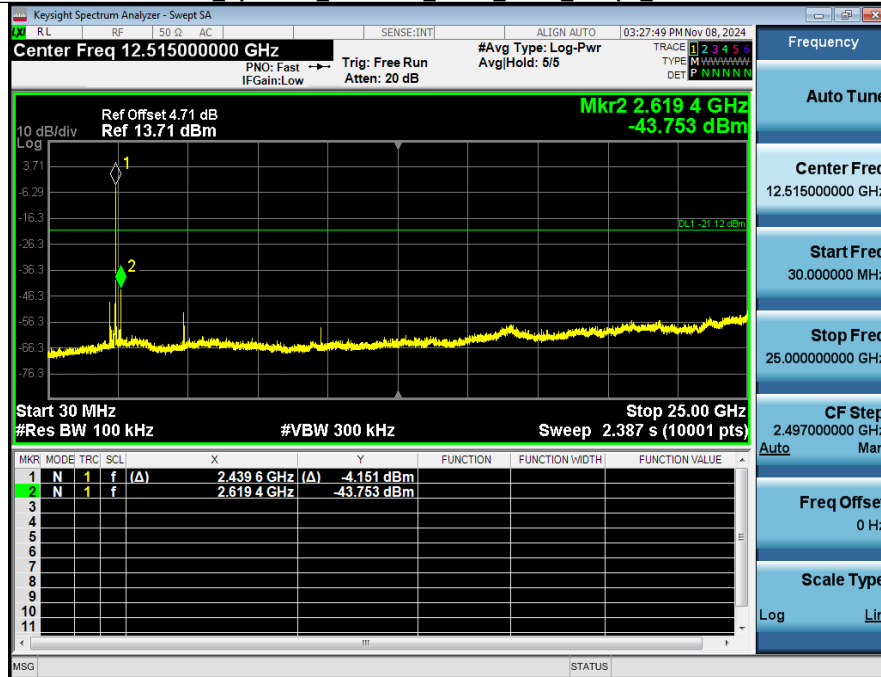
| Condition | Antenna | Rate  | TX_Frequency(MHz) | Spurious MAX.Value(dBm) | Limit   | Result |
|-----------|---------|-------|-------------------|-------------------------|---------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00           | -44.155                 | -20.620 | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00           | -43.753                 | -21.115 | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00           | -45.053                 | -21.476 | 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

