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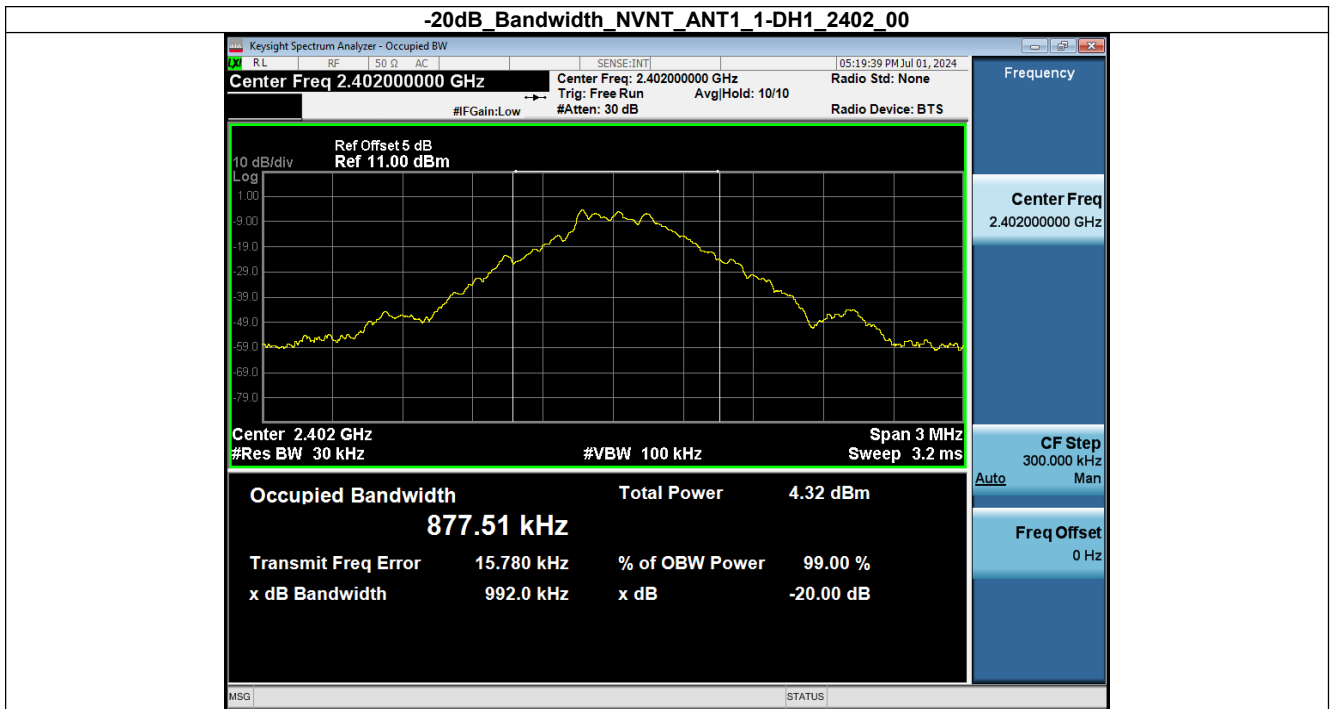
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# FCC ID:2A9CV-T68

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

### 1. -20dB Bandwidth

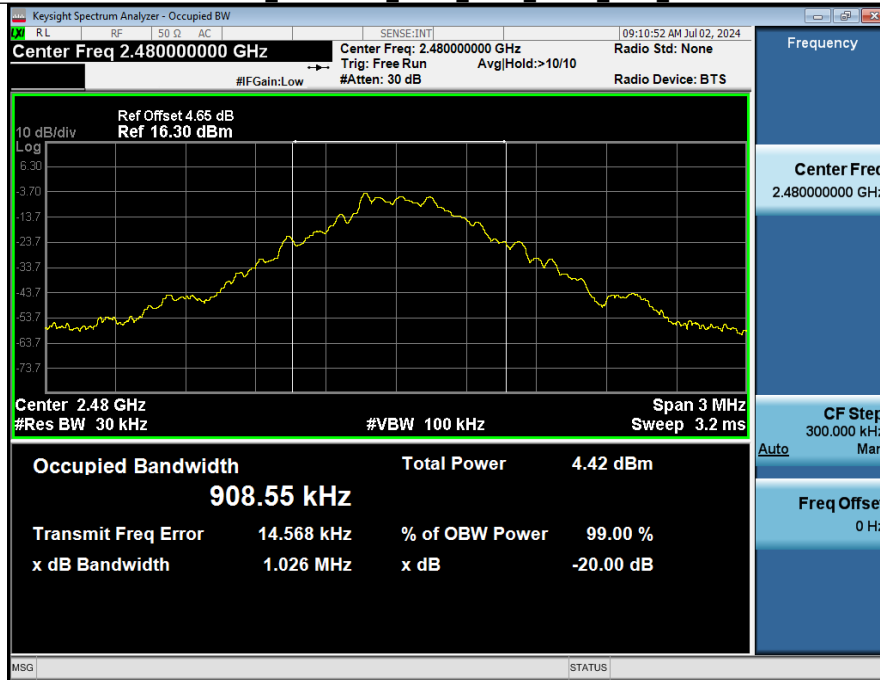
| Condition | Antenna | Modulation | Frequency (MHz) | -20dB BW(MHz) | if larger than CFS |
|-----------|---------|------------|-----------------|---------------|--------------------|
| NVNT      | ANT1    | 1-DH1      | 2402.00         | 0.992         | No                 |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | 1.021         | Yes                |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | 1.026         | Yes                |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | 1.292         | Yes                |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | 1.293         | Yes                |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | 1.285         | Yes                |



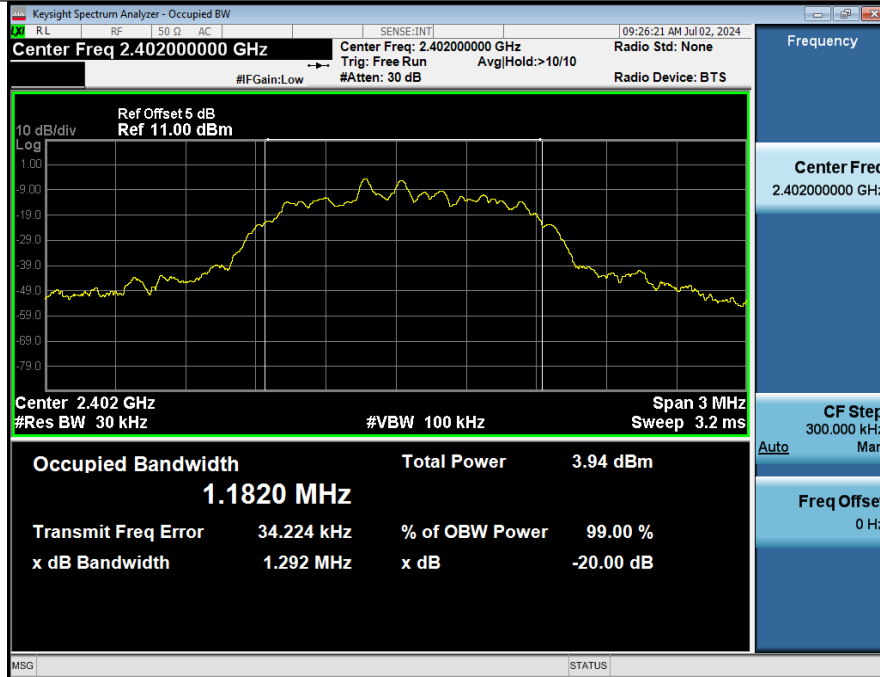
-20dB\_Bandwidth\_NVNT\_ANT1\_1-DH1\_2441\_00



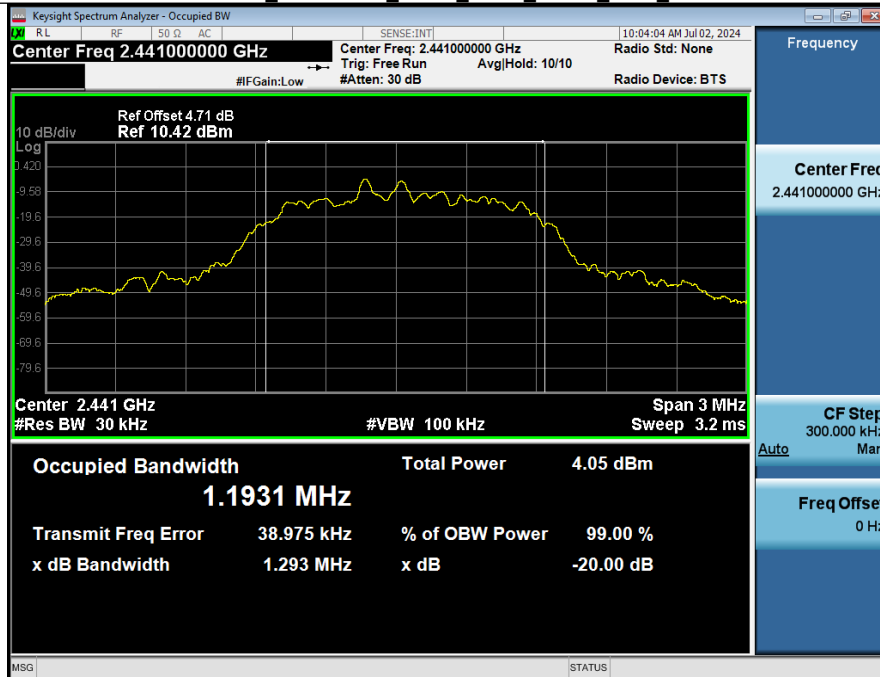
-20dB\_Bandwidth\_NVNT\_ANT1\_1-DH1\_2480\_00



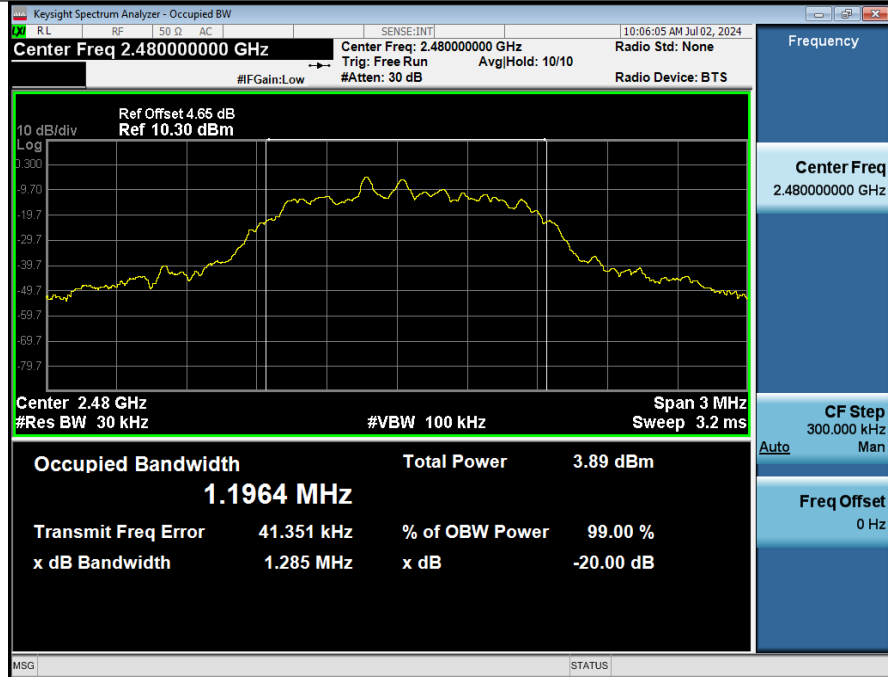
-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2402\_00



-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2441\_00

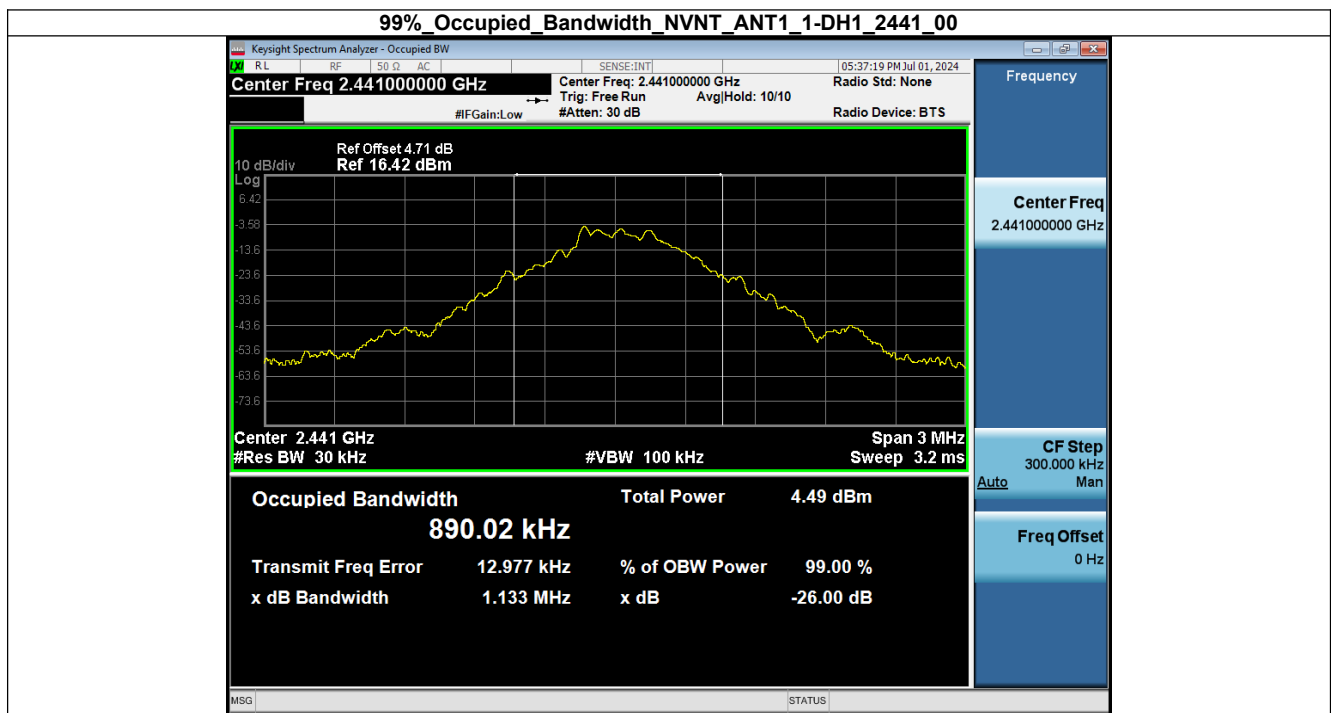
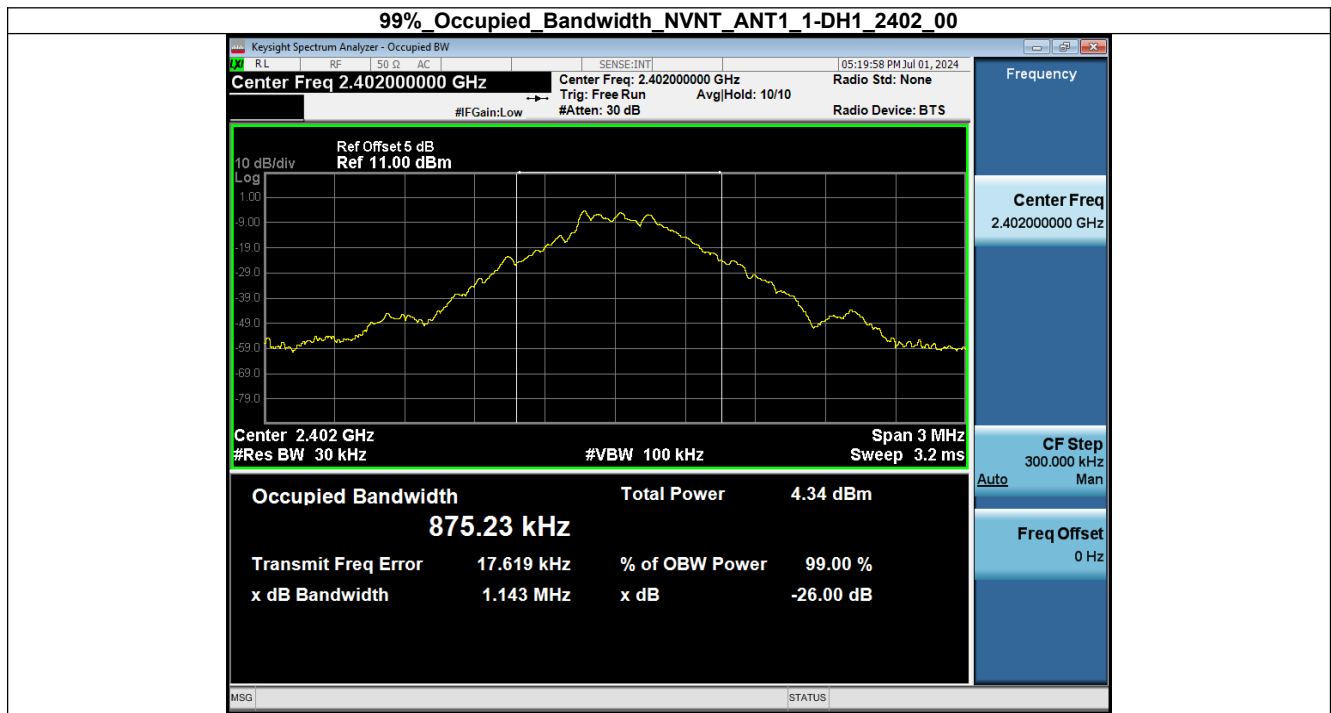


-20dB\_Bandwidth\_NVNT\_ANT1\_2-DH1\_2480\_00



## 2. 99% Occupied Bandwidth

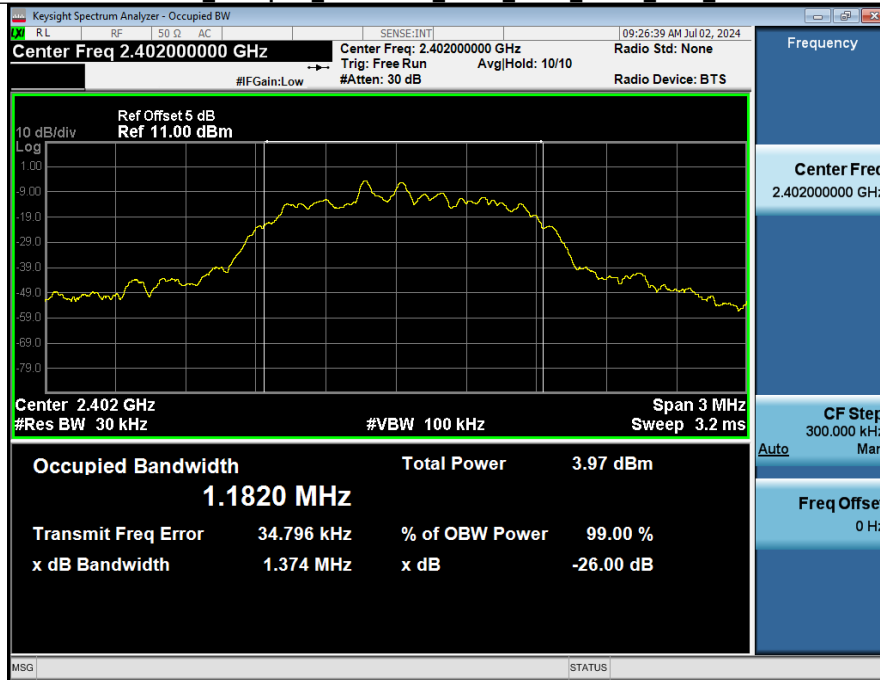
| Condition | Antenna | Modulation | Frequency (MHz) | 99% BW (MHz) |
|-----------|---------|------------|-----------------|--------------|
| NVNT      | ANT1    | 1-DH1      | 2402.00         | 0.875        |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | 0.890        |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | 0.910        |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | 1.182        |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | 1.191        |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | 1.195        |



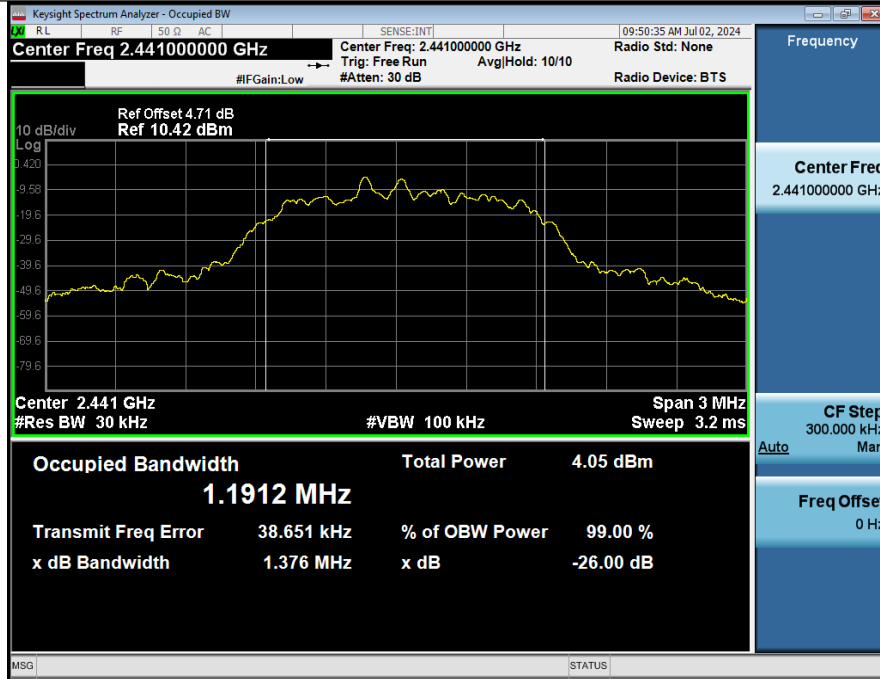
# 99% Occupied Bandwidth NVNT\_ANT1\_1-DH1\_2480\_00



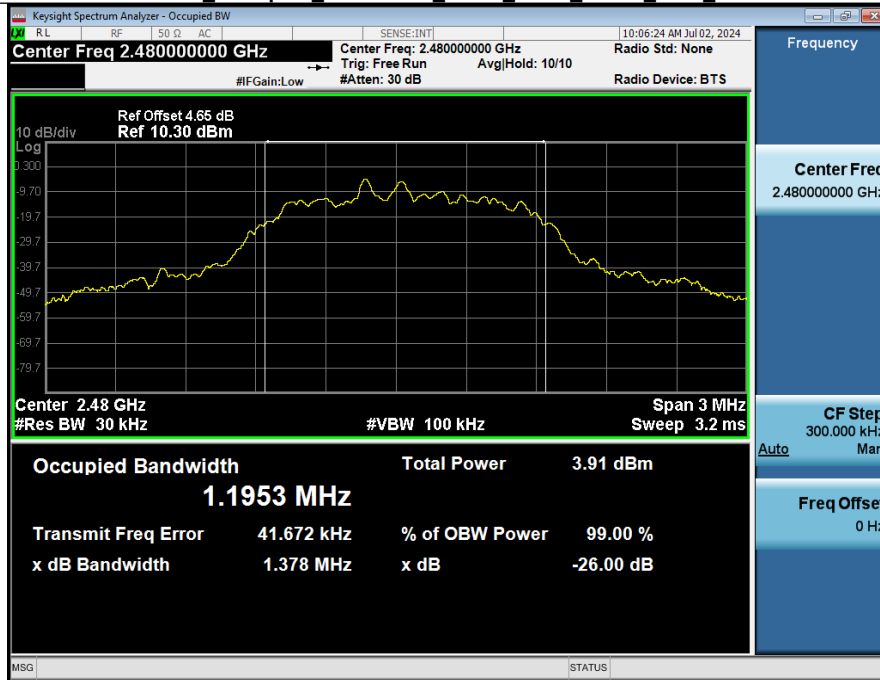
# 99% Occupied Bandwidth NVNT\_ANT1\_2-DH1\_2402\_00



# 99% Occupied Bandwidth NVNT\_ANT1\_2-DH1\_2441\_00

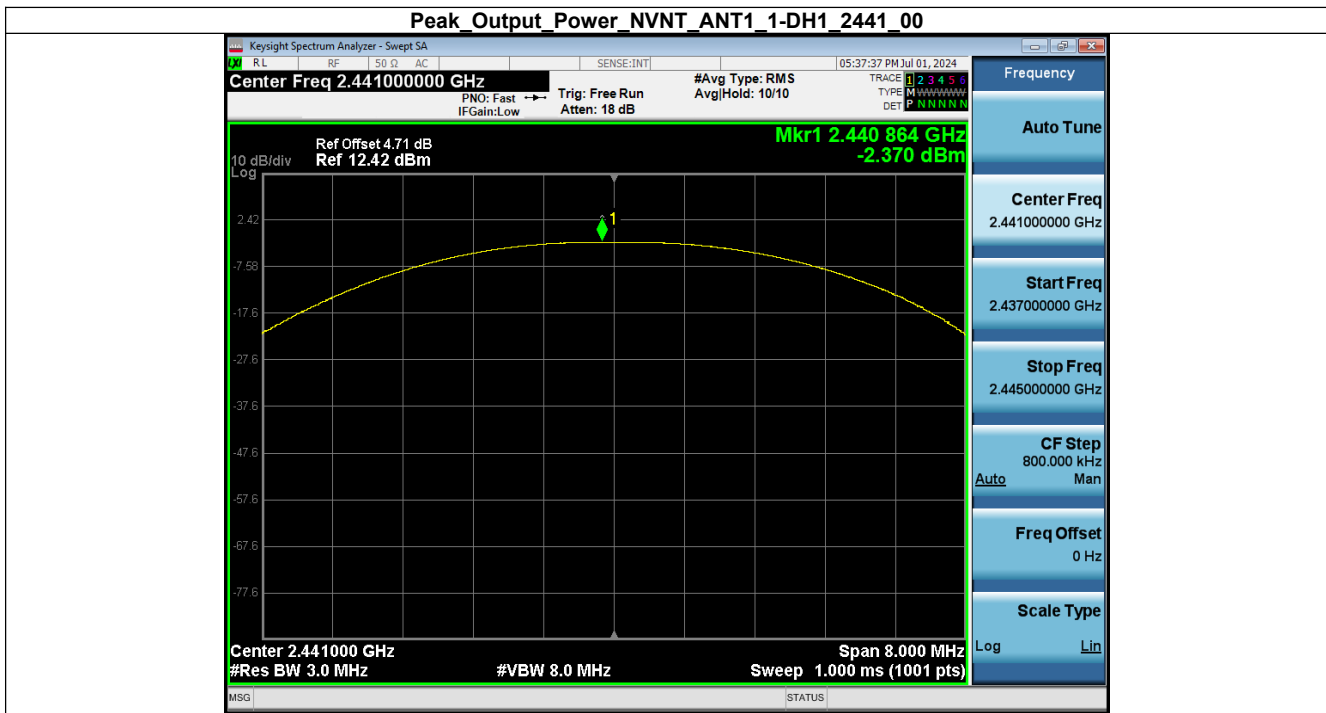
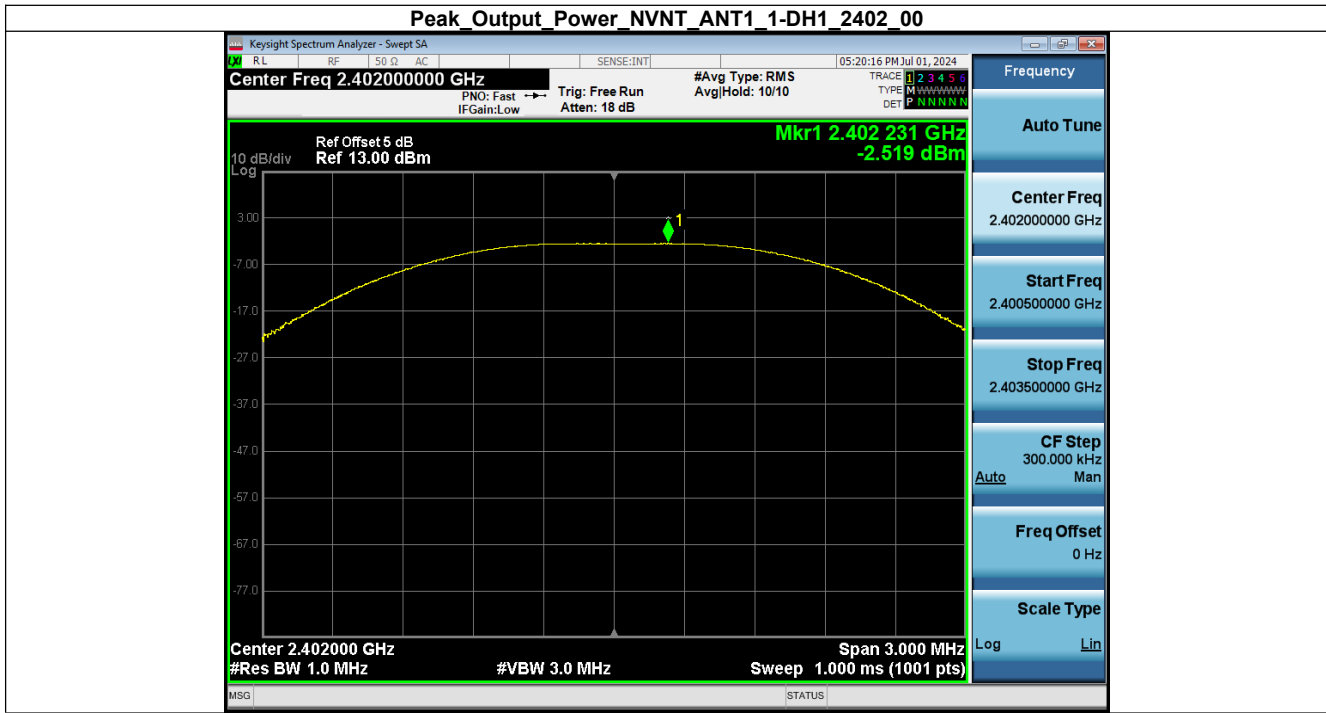


# 99% Occupied Bandwidth NVNT\_ANT1\_2-DH1\_2480\_00

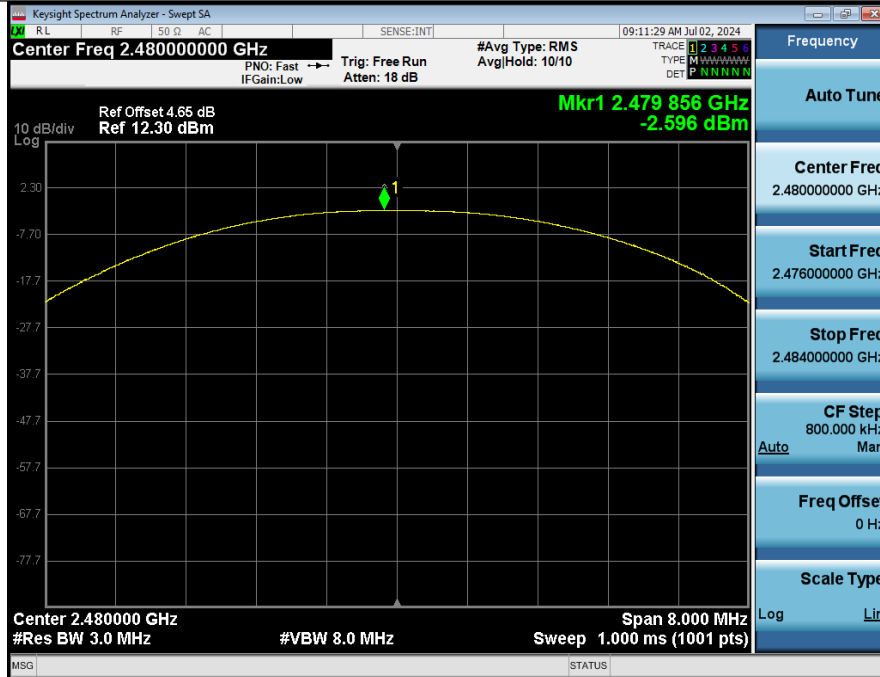


### 3. Peak Output Power

| Condition | Antenna | Modulation | Frequency (MHz) | Max. Conducted Power(dBm) | Max. Conducted Power(mW) | Limit(mW) | Result |
|-----------|---------|------------|-----------------|---------------------------|--------------------------|-----------|--------|
| NVNT      | ANT1    | 1-DH1      | 2402.00         | -2.52                     | 0.56                     | 1000      | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2441.00         | -2.37                     | 0.58                     | 125       | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00         | -2.60                     | 0.55                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00         | -1.81                     | 0.66                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00         | -1.72                     | 0.67                     | 125       | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00         | -1.91                     | 0.64                     | 125       | Pass   |



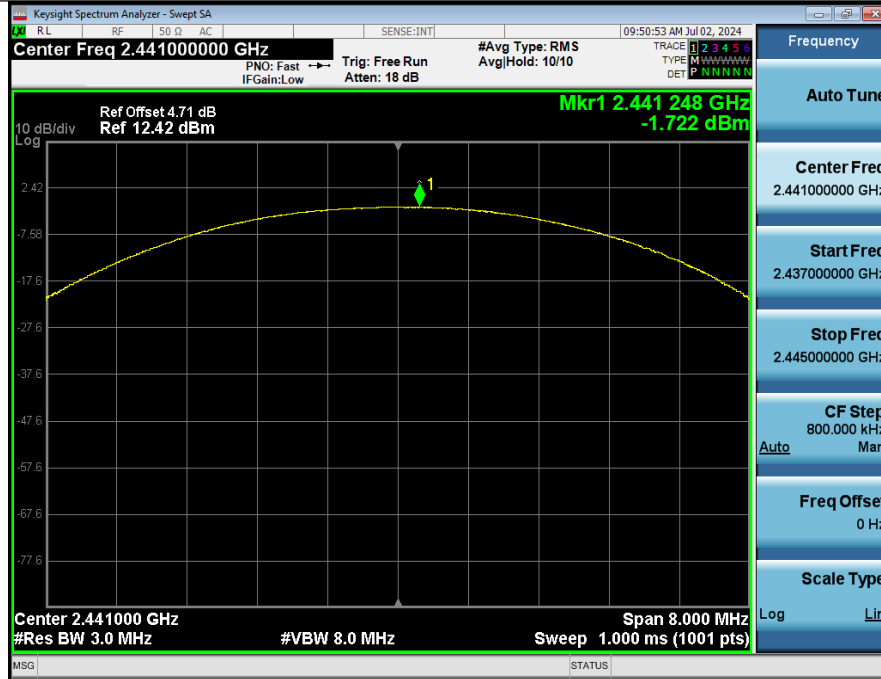
# Peak Output Power\_NVNT\_ANT1\_1-DH1\_2480\_00



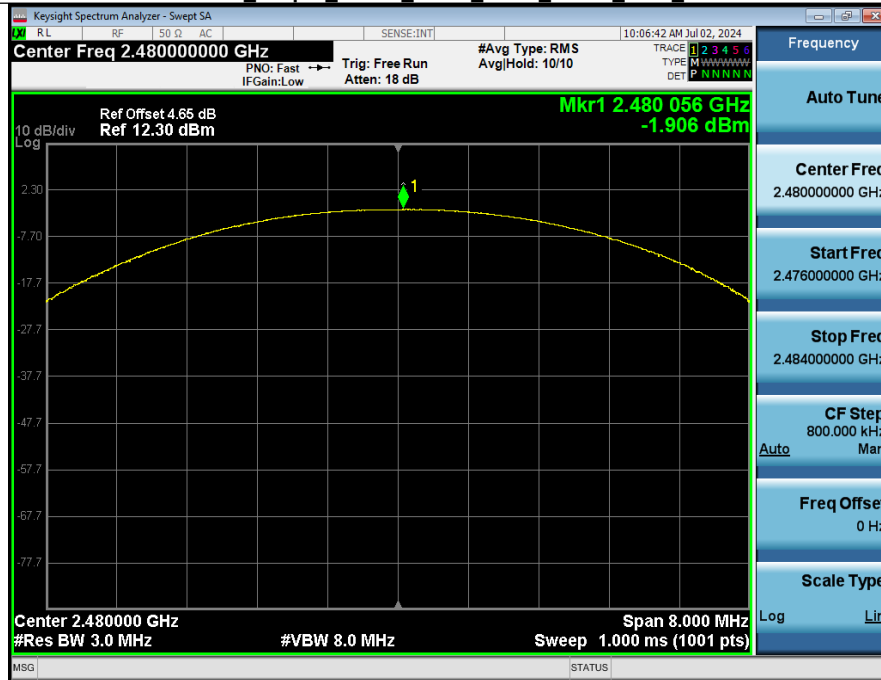
# Peak Output Power\_NVNT\_ANT1\_2-DH1\_2402\_00



# Peak Output Power\_NVNT\_ANT1\_2-DH1\_2441\_00

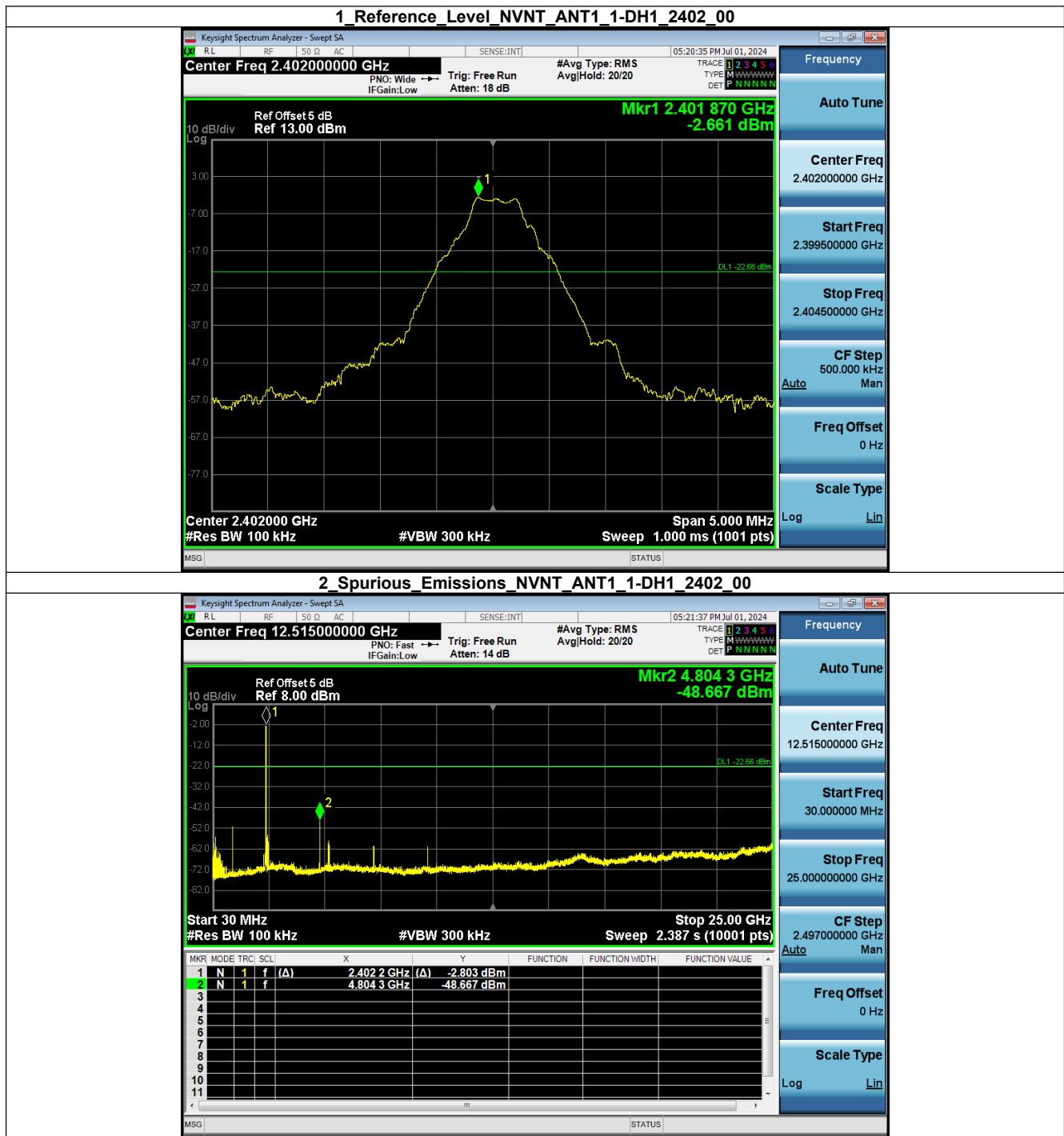


# Peak Output Power\_NVNT\_ANT1\_2-DH1\_2480\_00

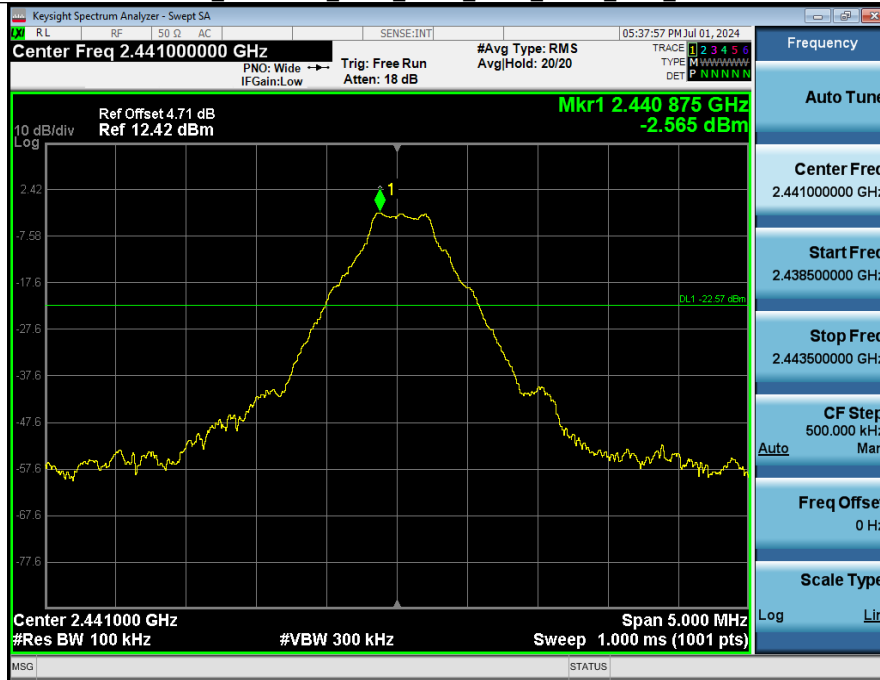


4. Spurious Emissions

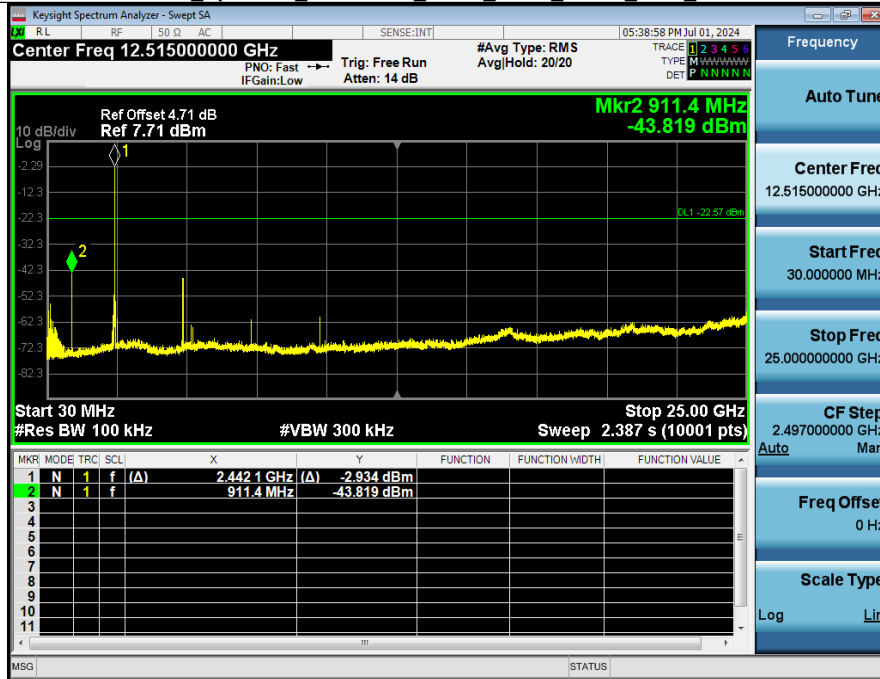
| Condition | Antenna | Modulation | TX Mode | Spurious MAX.Value(dBm) | Limit   | Result |
|-----------|---------|------------|---------|-------------------------|---------|--------|
| NVNT      | ANT1    | 1-DH1      | 2402.00 | -48.667                 | -22.661 | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2441.00 | -43.819                 | -22.565 | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00 | -28.788                 | -22.805 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00 | -50.149                 | -22.942 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00 | -49.505                 | -22.751 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00 | -49.938                 | -22.945 | Pass   |



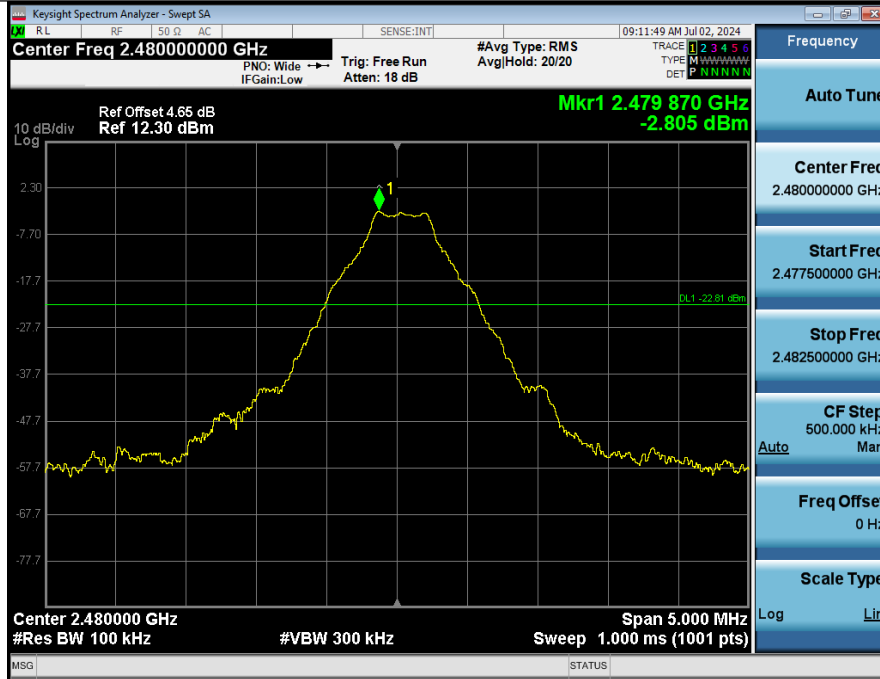
# 1 Reference\_Level\_NVNT\_ANT1\_1-DH1\_2441\_00



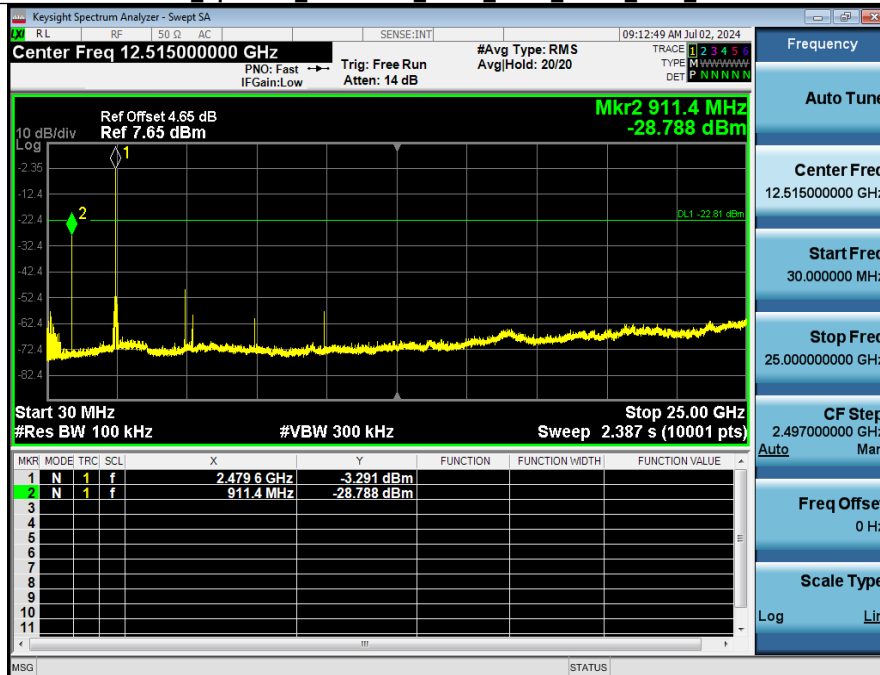
# 2 Spurious\_Emissions\_NVNT\_ANT1\_1-DH1\_2441\_00



# 1 Reference\_Level\_NVNT\_ANT1\_1-DH1\_2480\_00



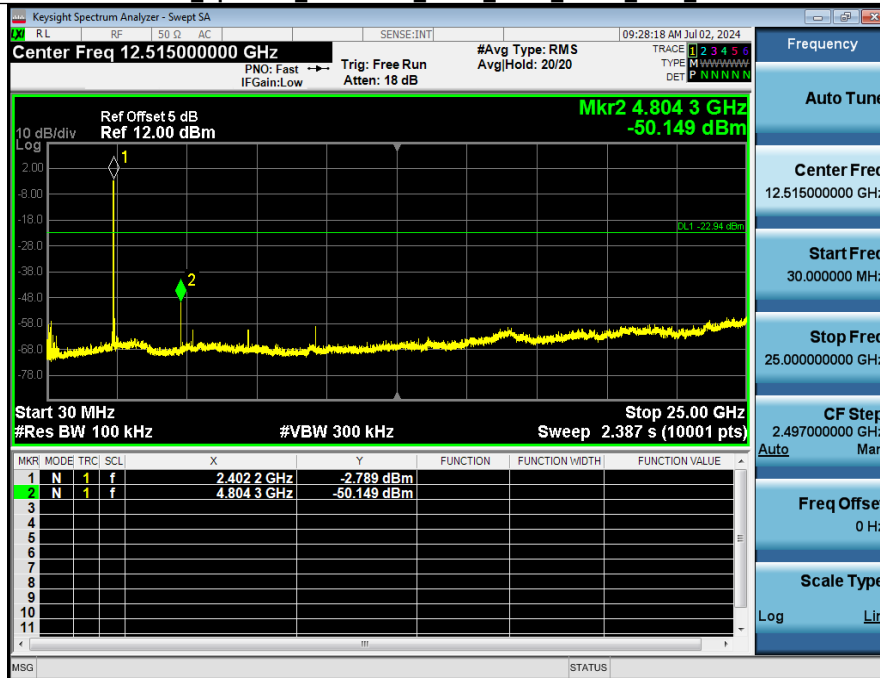
# 2 Spurious\_Emissions\_NVNT\_ANT1\_1-DH1\_2480\_00



# 1 Reference\_Level\_NVNT\_ANT1\_2-DH1\_2402\_00



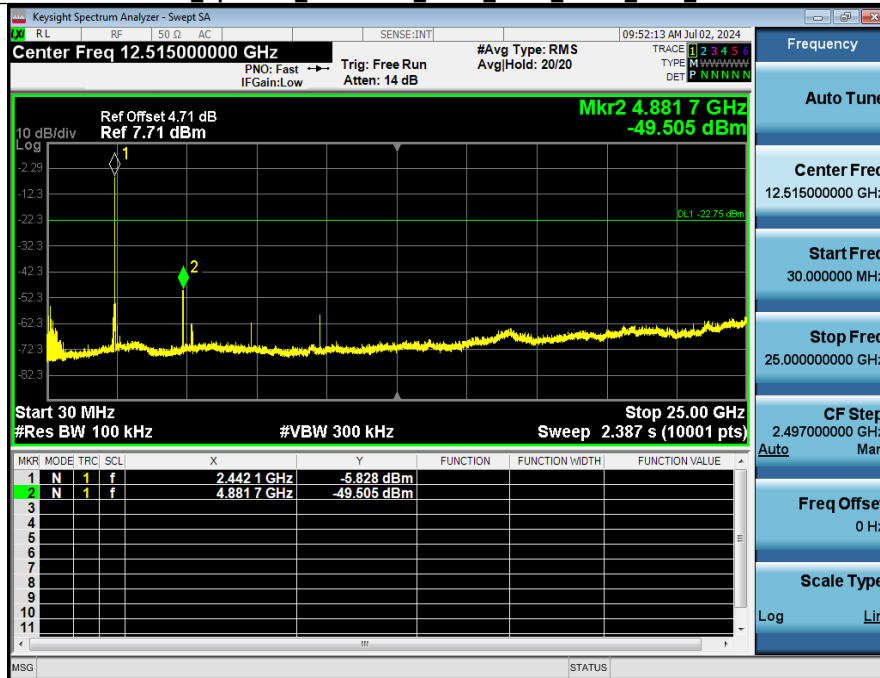
# 2 Spurious\_Emissions\_NVNT\_ANT1\_2-DH1\_2402\_00



# 1 Reference\_Level\_NVNT\_ANT1\_2-DH1\_2441\_00



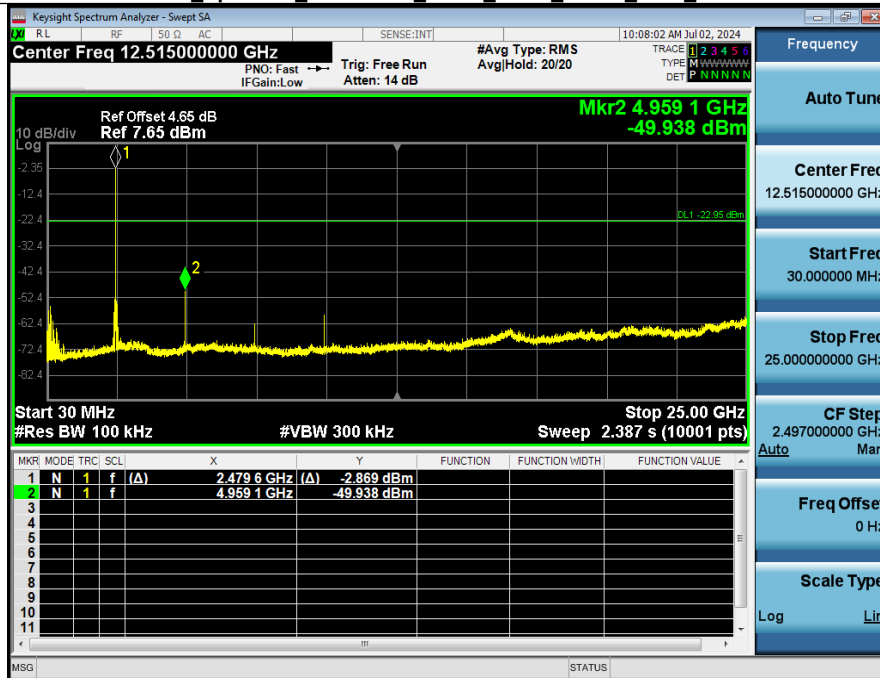
# 2 Spurious\_Emissions\_NVNT\_ANT1\_2-DH1\_2441\_00



# 1 Reference\_Level\_NVNT\_ANT1\_2-DH1\_2480\_00

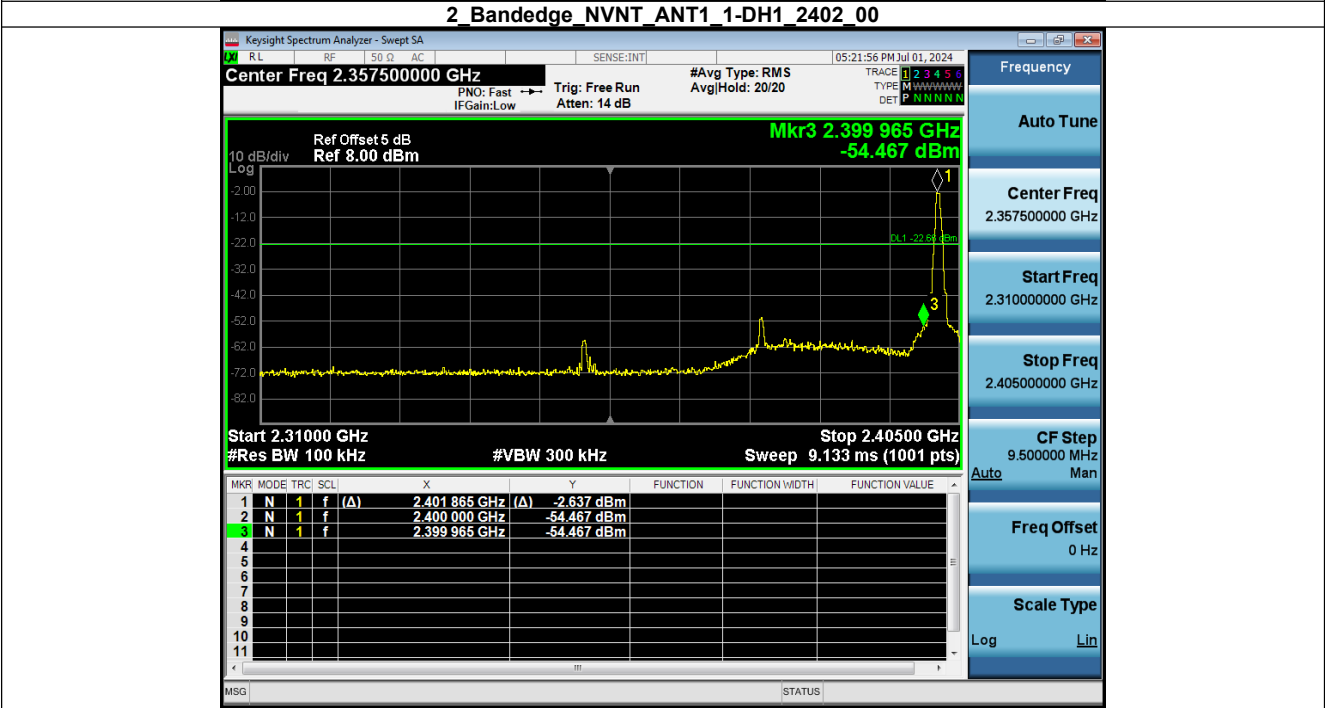
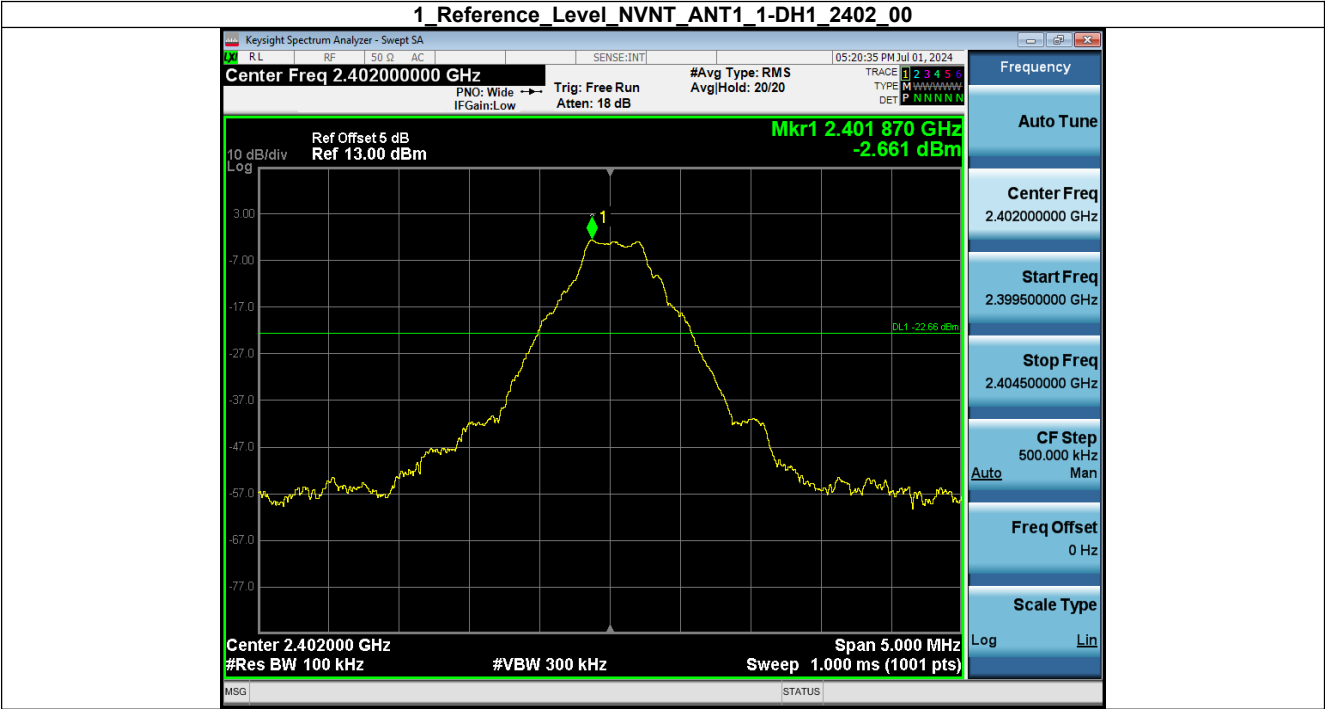


# 2 Spurious\_Emissions\_NVNT\_ANT1\_2-DH1\_2480\_00

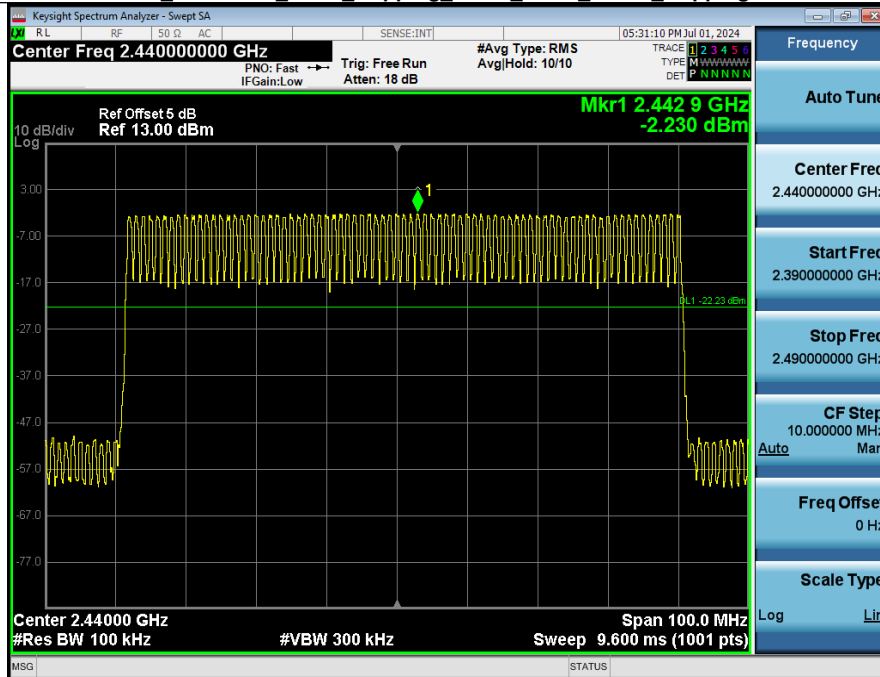


5. Bandedge

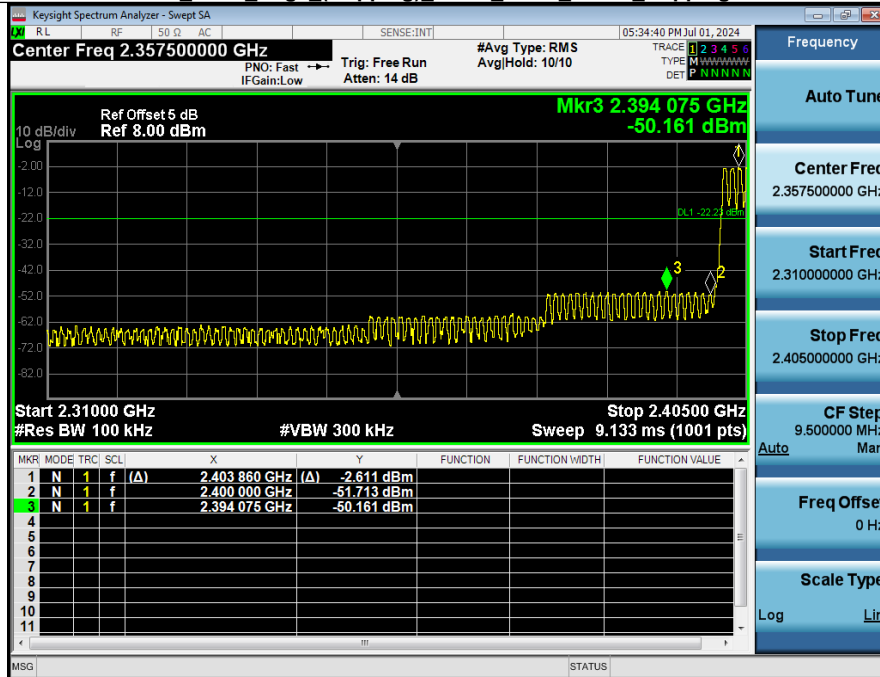
| Condition | Antenna | Modulation | TX Mode     | Bandedge MAX.Value | Limit   | Result |
|-----------|---------|------------|-------------|--------------------|---------|--------|
| NVNT      | ANT1    | 1-DH1      | 2402.00     | -54.467            | -22.661 | Pass   |
| NVNT      | ANT1    | 1-DH1      | Hopping_LCH | -50.161            | -22.230 | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00     | -59.248            | -22.805 | Pass   |
| NVNT      | ANT1    | 1-DH1      | Hopping_HCH | -51.110            | -22.643 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00     | -56.209            | -22.942 | Pass   |
| NVNT      | ANT1    | 2-DH1      | Hopping_LCH | -51.272            | -22.325 | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2480.00     | -58.952            | -22.945 | Pass   |
| NVNT      | ANT1    | 2-DH1      | Hopping_HCH | -50.830            | -22.656 | Pass   |



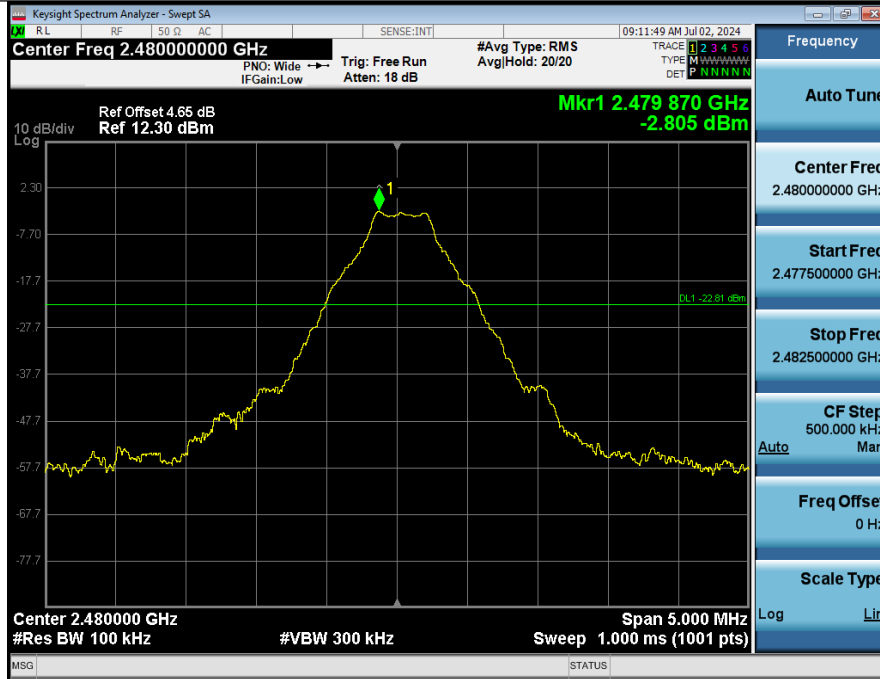
# 1 Reference\_Level\_Hopping\_NVNT\_ANT1\_1-DH1\_Hopping



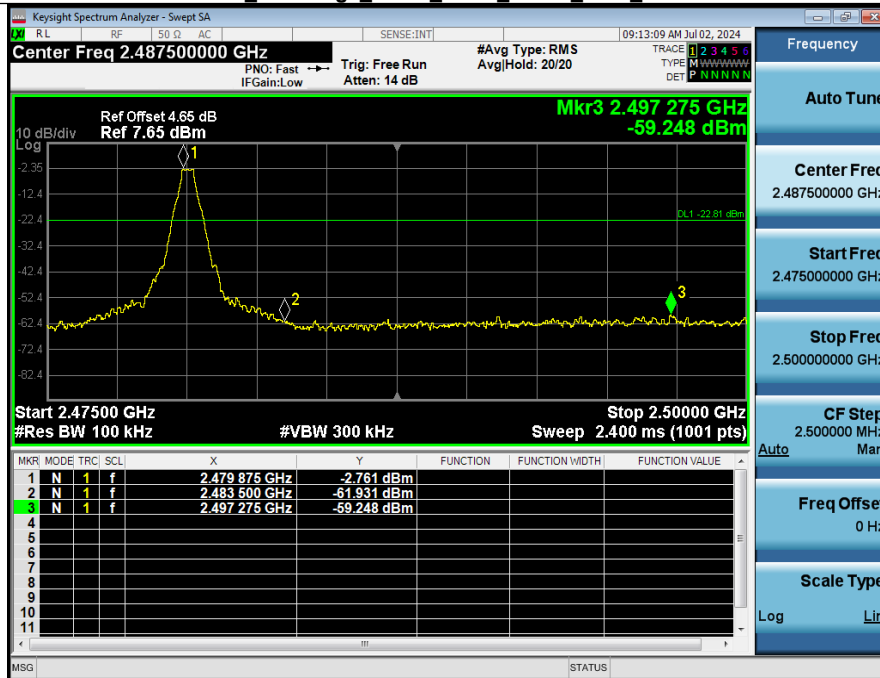
# 2 Band\_Edge\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



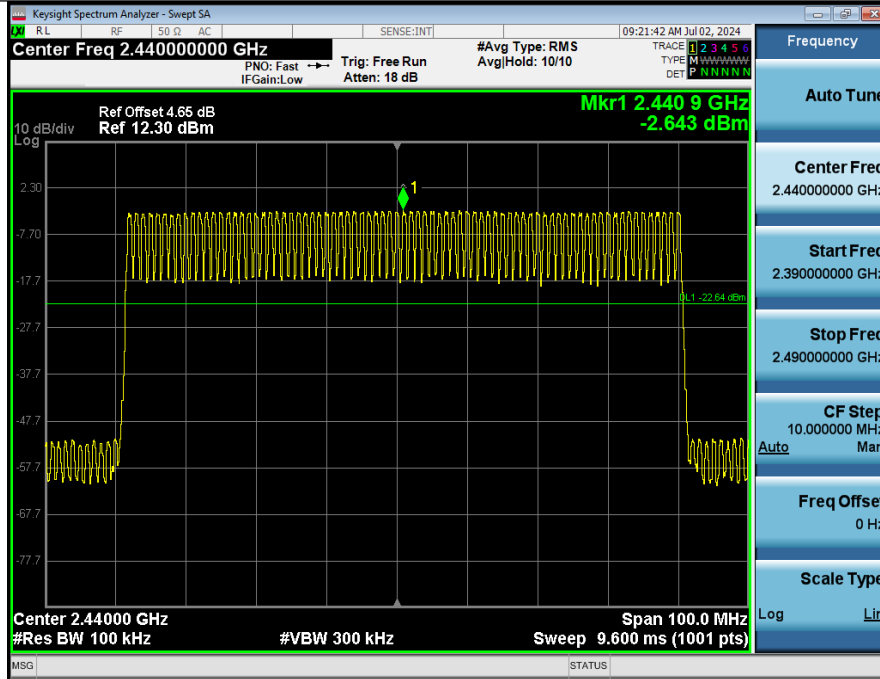
# 1\_Reference\_Level\_NVNT\_ANT1\_1-DH1\_2480\_00



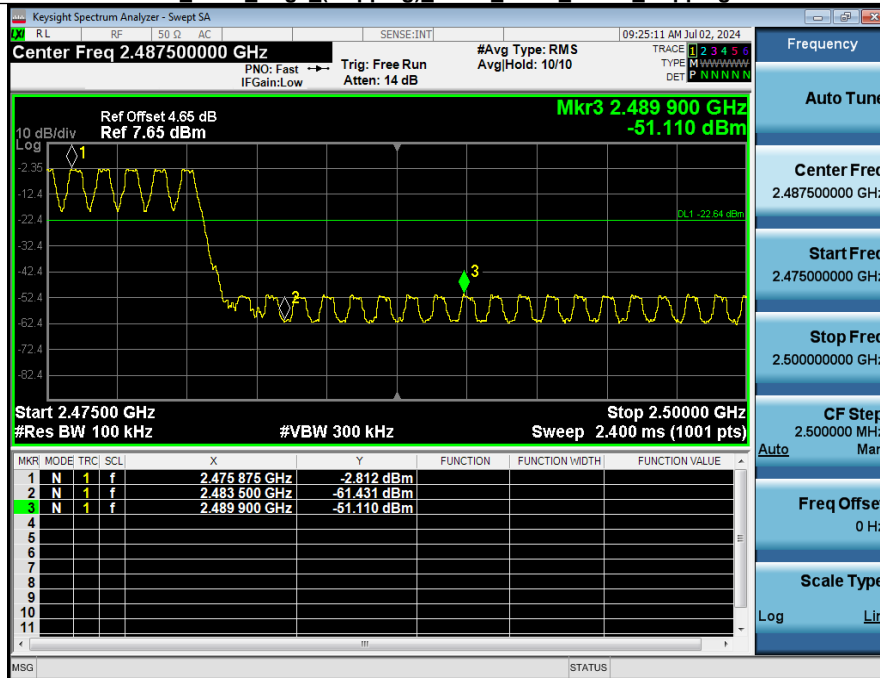
# 2\_Bandedge\_NVNT\_ANT1\_1-DH1\_2480\_00



### 1\_Reference\_Level\_Hopping\_NVNT\_ANT1\_1-DH1\_Hopping



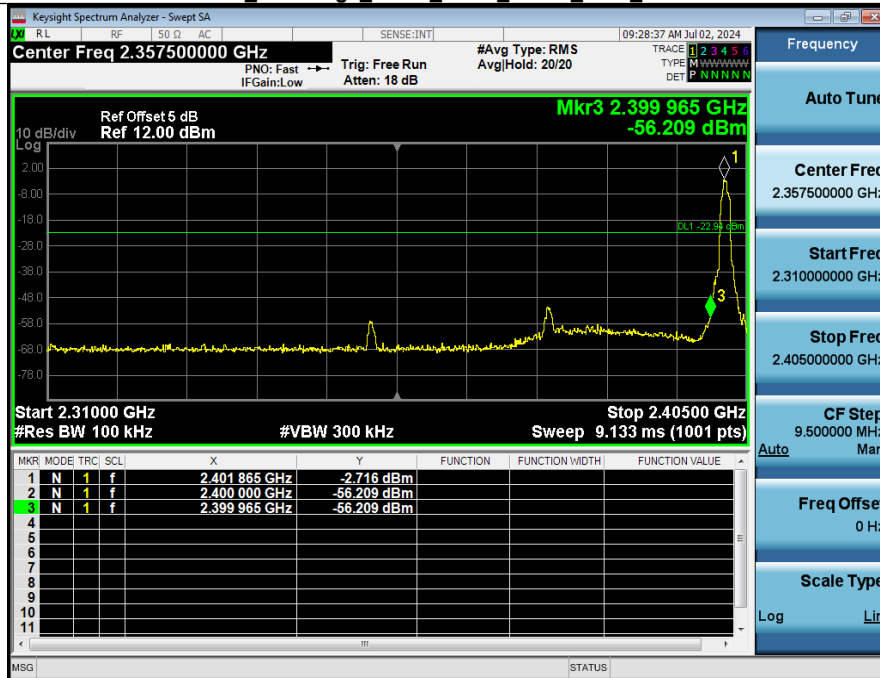
### 2\_Band\_Edge\_(Hopping)\_NVNT\_ANT1\_1-DH1\_Hopping



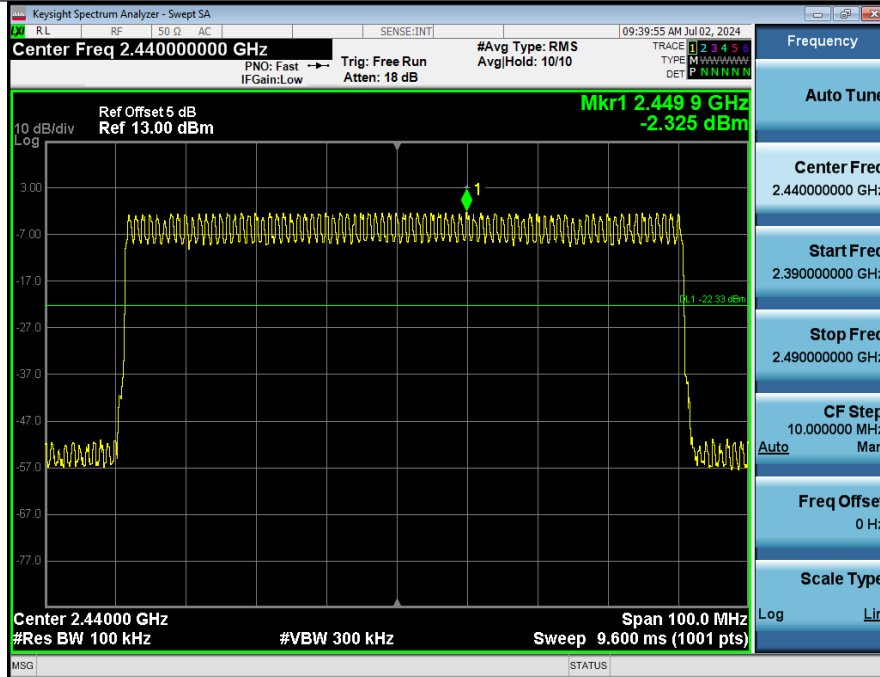
# 1 Reference\_Level\_NVNT\_ANT1\_2-DH1\_2402\_00



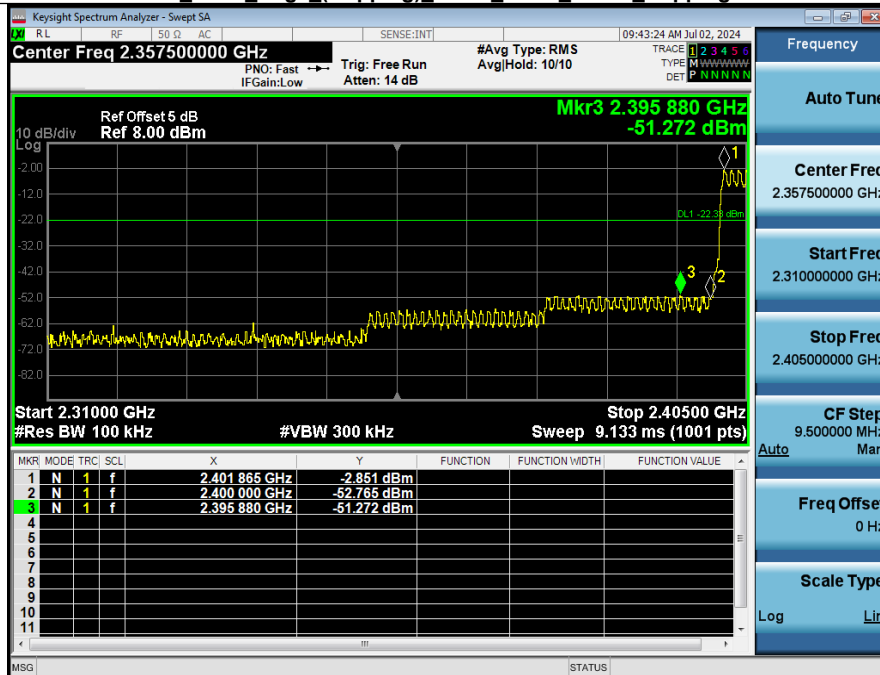
# 2 Bandedge\_NVNT\_ANT1\_2-DH1\_2402\_00



# 1 Reference Level Hopping NVNT ANT1 2-DH1 Hopping



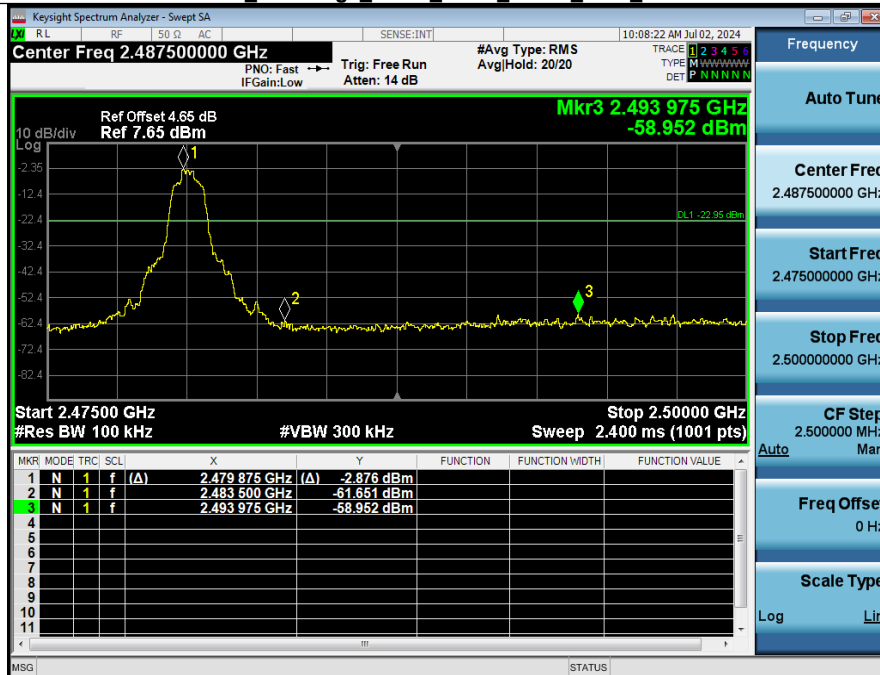
# 2 Band Edge (Hopping) NVNT ANT1 2-DH1 Hopping



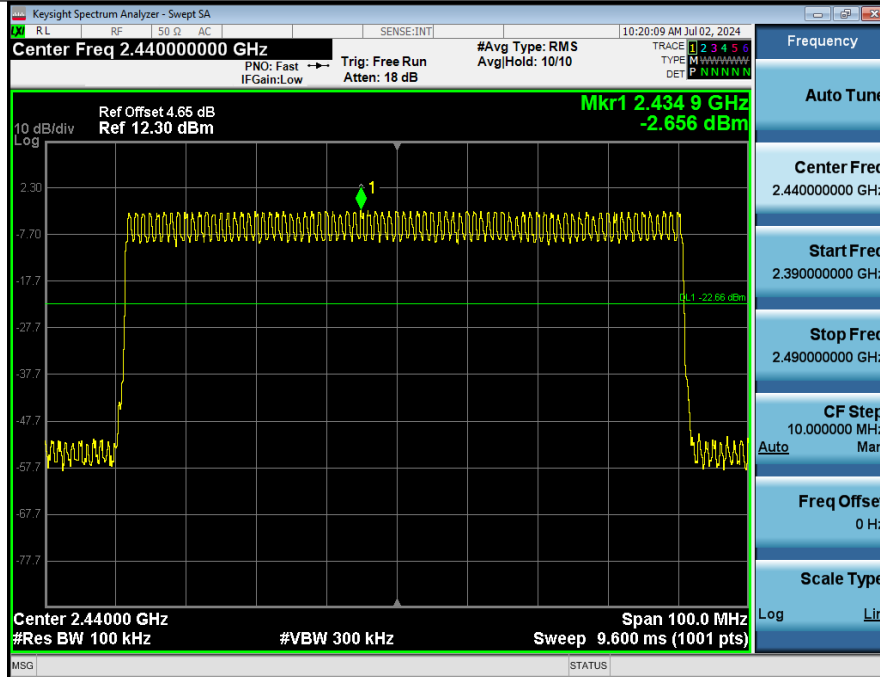
# 1\_Reference\_Level\_NVNT\_ANT1\_2-DH1\_2480\_00



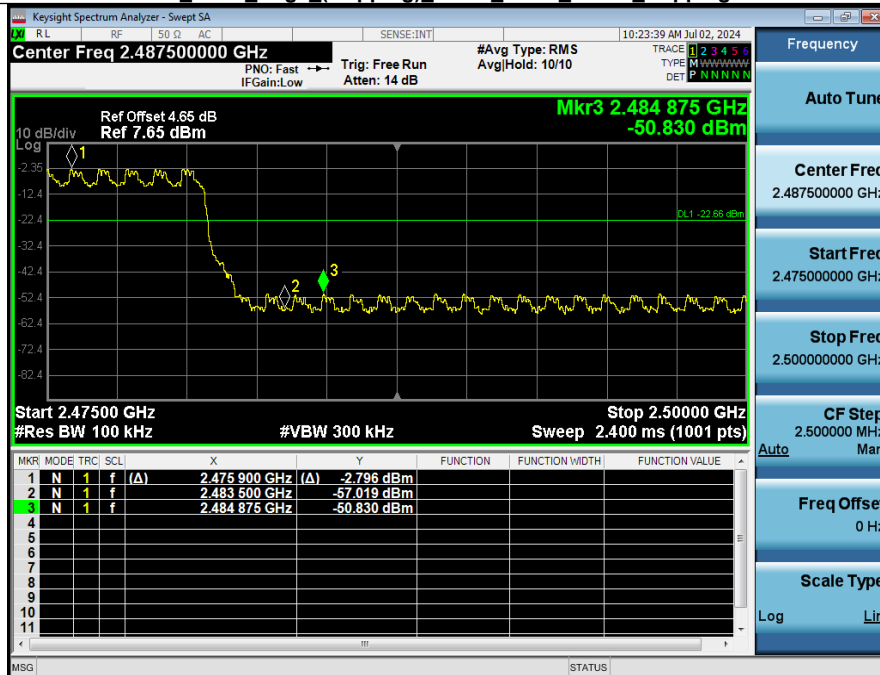
# 2\_Bandedge\_NVNT\_ANT1\_2-DH1\_2480\_00



# 1 Reference Level Hopping NVNT\_ANT1\_2-DH1\_Hopping

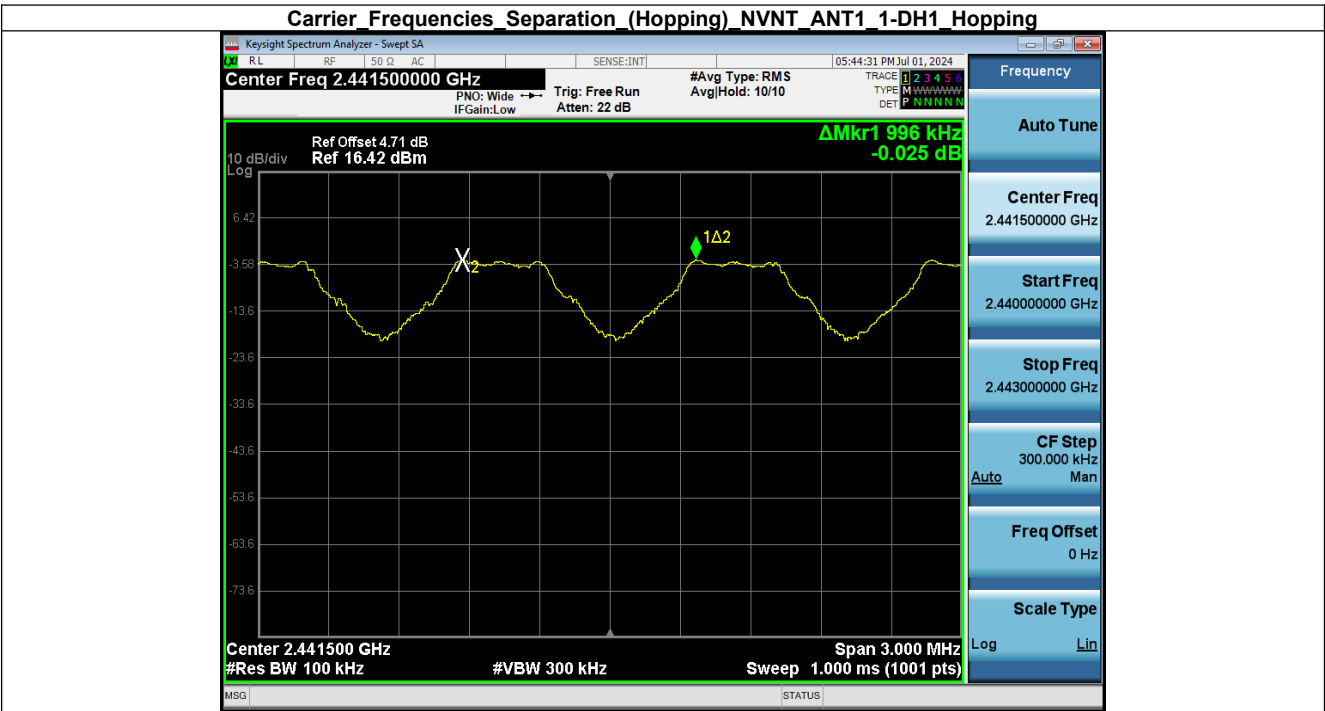
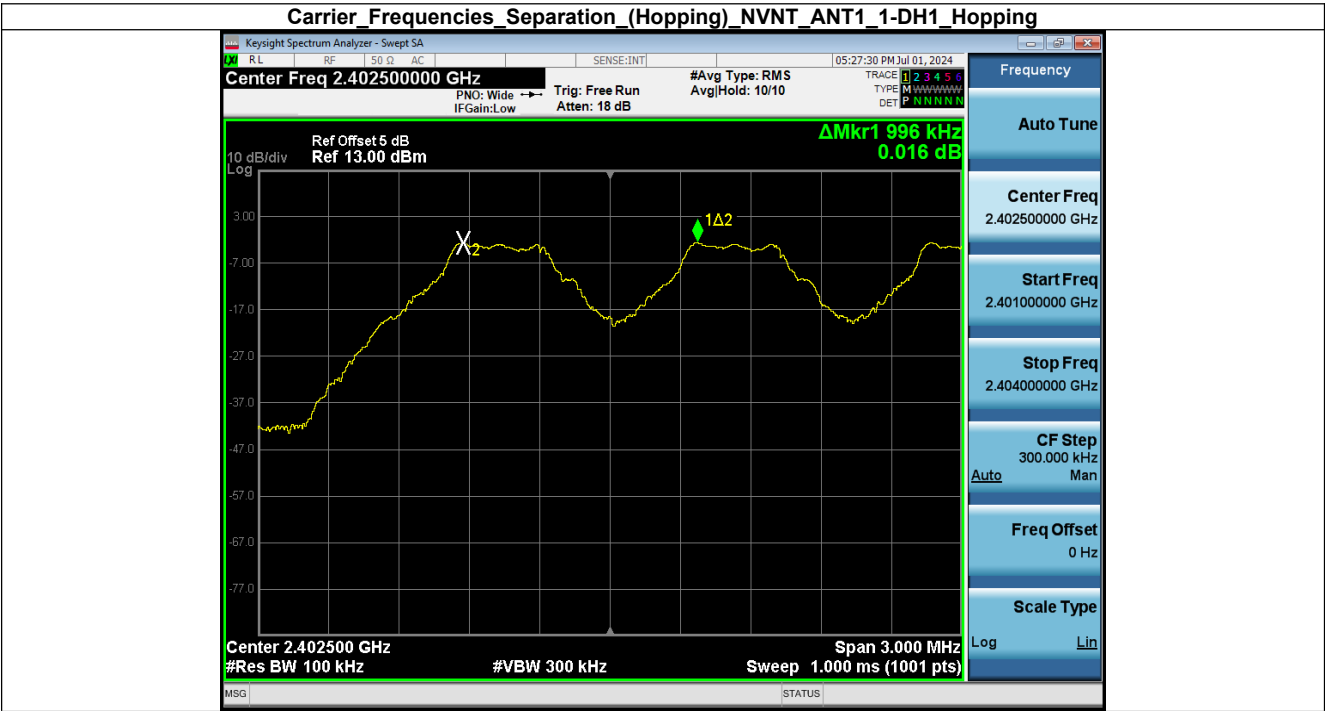


# 2 Band\_Edge\_(Hopping) NVNT\_ANT1\_2-DH1\_Hopping

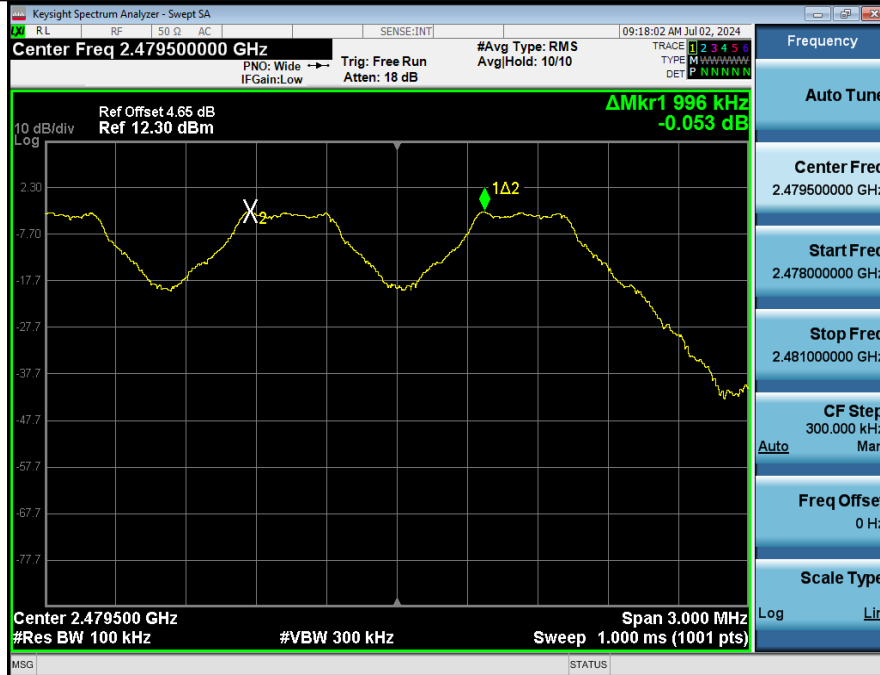


6. Carrier Frequencies Separation (Hopping)

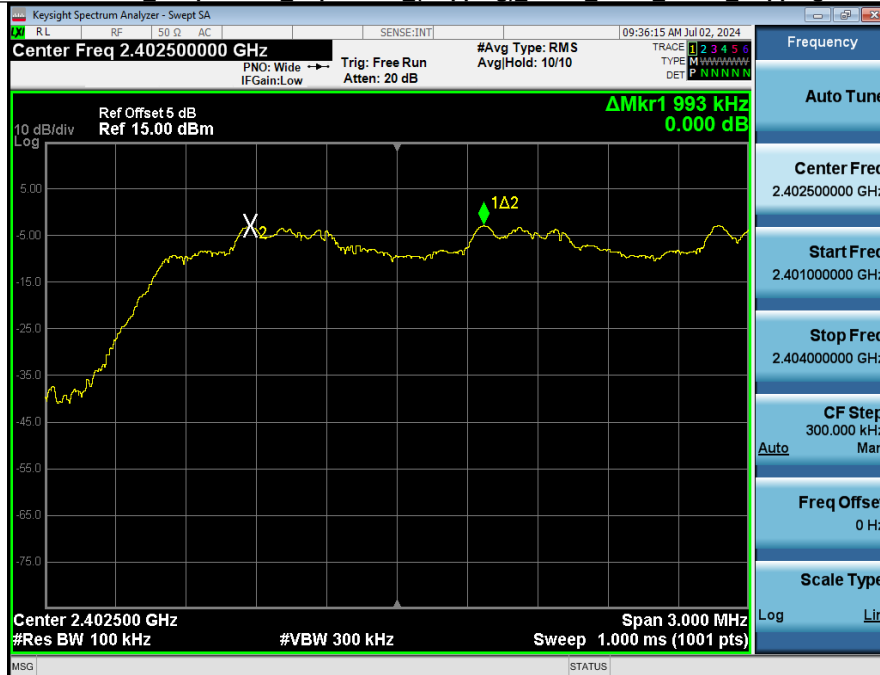
| Condition | Antenna | Modulation | Frequency(MHz) | Hopping NO.0 (MHz) | Hopping NO.1 (MHz) | Carrier Frequencies Separation(MHz) | Limit(MHz) | Result |
|-----------|---------|------------|----------------|--------------------|--------------------|-------------------------------------|------------|--------|
| NVNT      | ANT1    | 1-DH1      | 2402.00        | 2401.876           | 2402.872           | 1.00                                | 0.992      | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2441.00        | 2440.870           | 2441.866           | 1.00                                | 0.681      | Pass   |
| NVNT      | ANT1    | 1-DH1      | 2480.00        | 2478.876           | 2479.872           | 1.00                                | 0.684      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2402.00        | 2401.876           | 2402.869           | 0.99                                | 0.861      | Pass   |
| NVNT      | ANT1    | 2-DH1      | 2441.00        | 2440.864           | 2441.872           | 1.01                                | 0.861      | Fail   |
| NVNT      | ANT1    | 2-DH1      | 2480.00        | 2478.870           | 2479.875           | 1.00                                | 0.857      | Pass   |



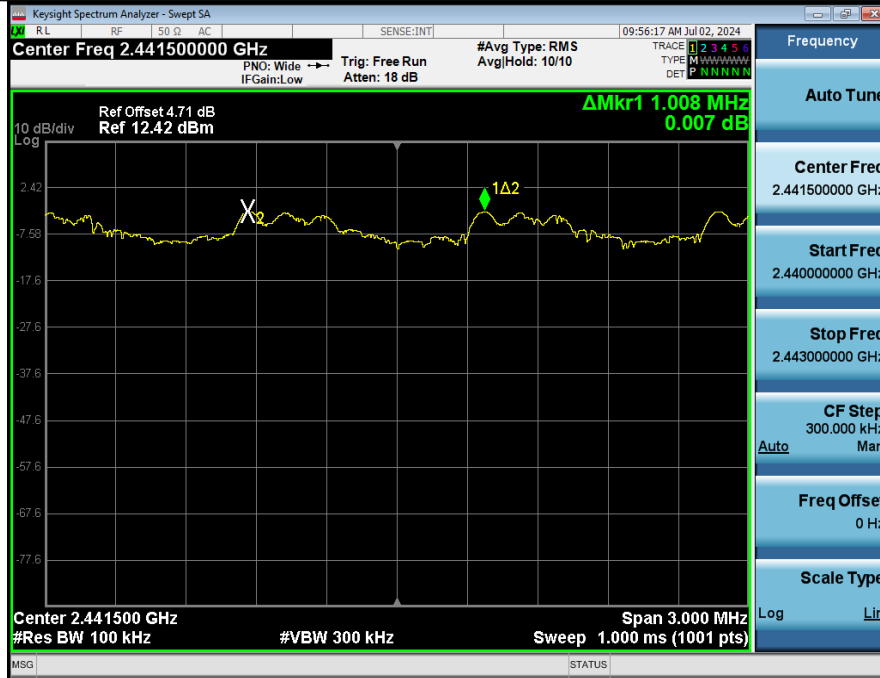
# Carrier Frequencies Separation (Hopping) NVNT\_ANT1 1-DH1 Hopping



# Carrier Frequencies Separation (Hopping) NVNT\_ANT1 2-DH1 Hopping



# Carrier Frequencies Separation (Hopping) NVNT\_ANT1 2-DH1 Hopping

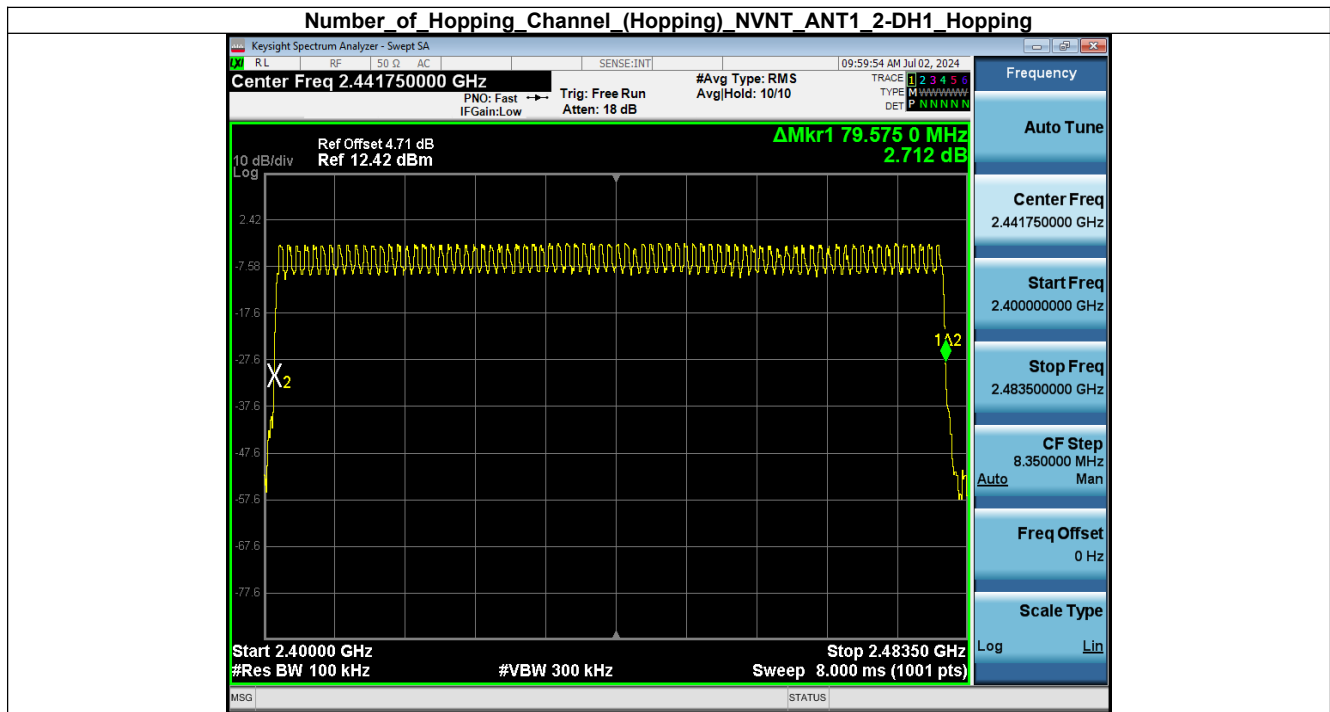
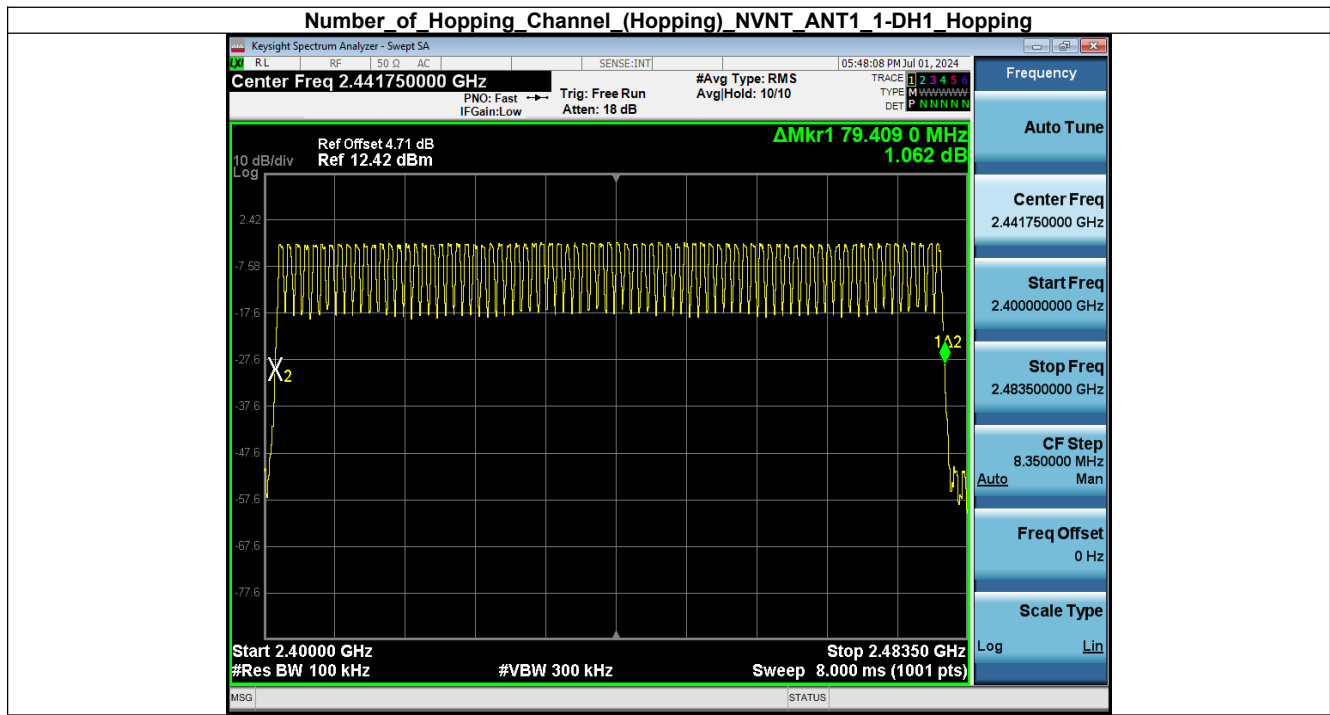


# Carrier Frequencies Separation (Hopping) NVNT\_ANT1 2-DH1 Hopping



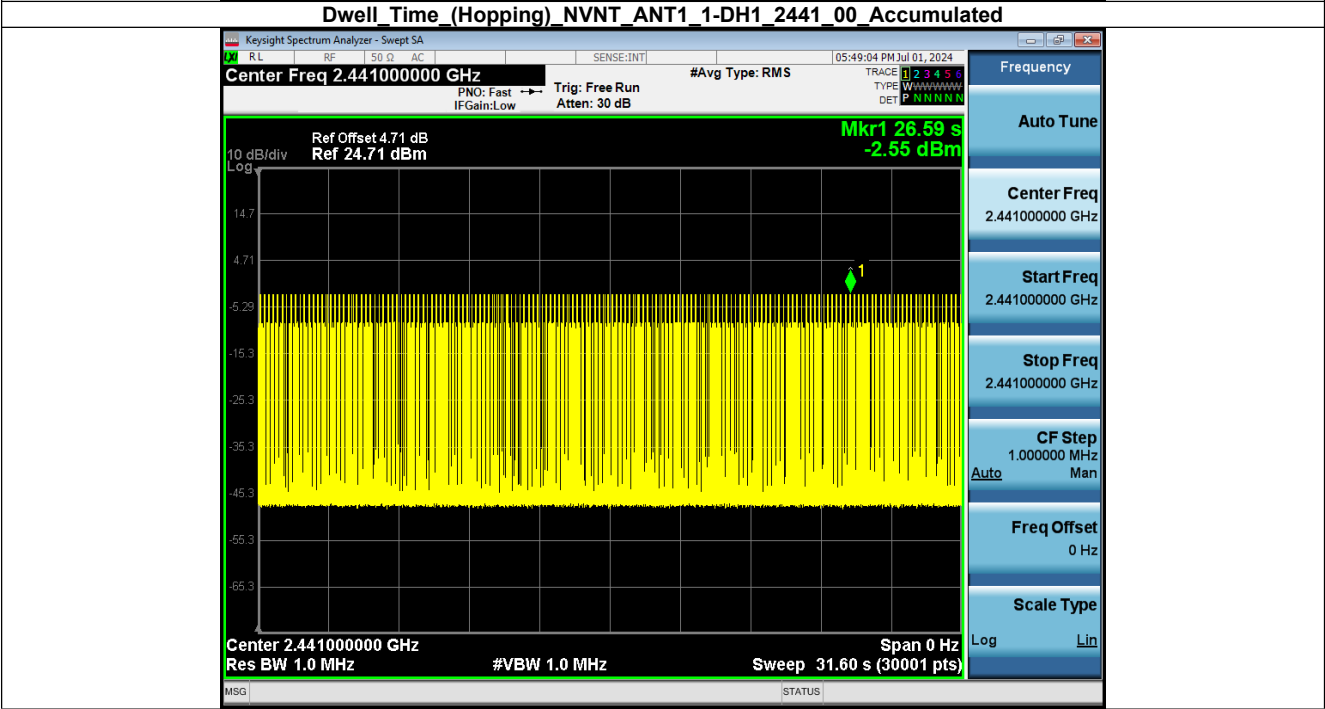
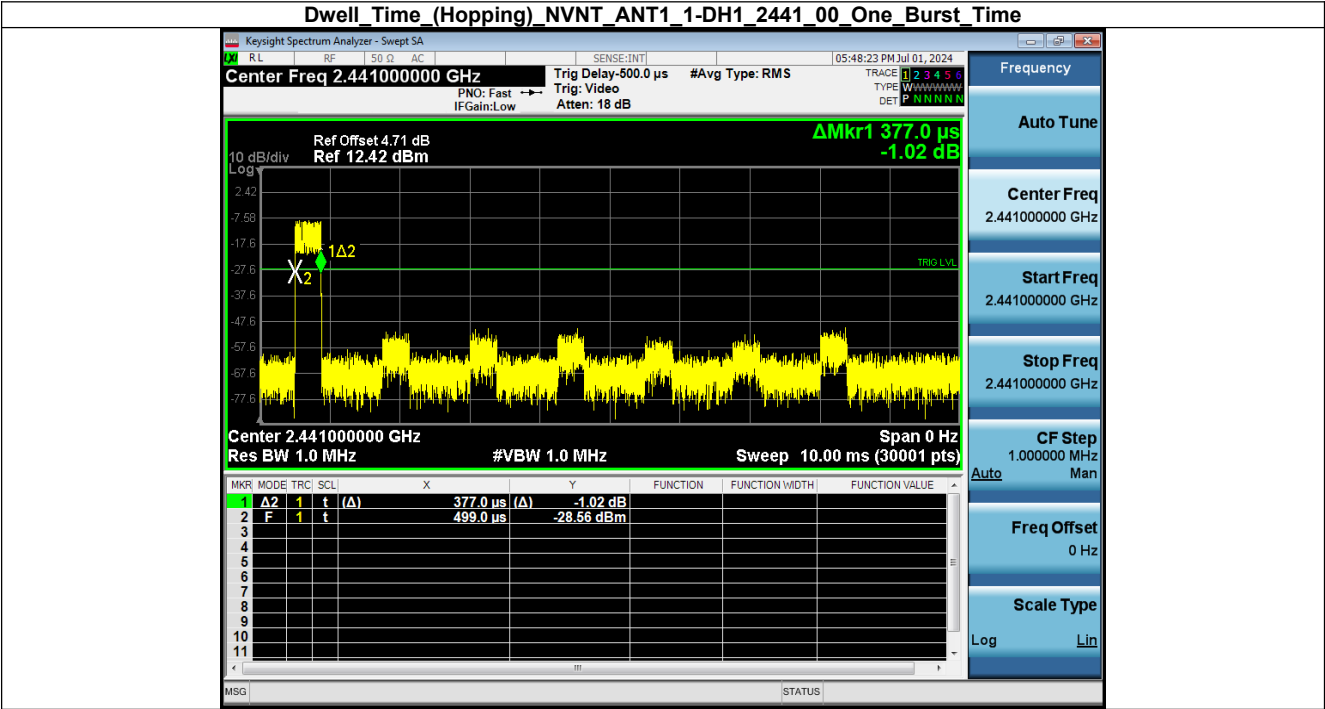
7. Number of Hopping Channel (Hopping)

| Condition | Antenna | Modulation | Hopping Num | Limit | Result |
|-----------|---------|------------|-------------|-------|--------|
| NVNT      | ANT1    | 1-DH1      | 79          | 15    | Pass   |
| NVNT      | ANT1    | 2-DH1      | 79          | 15    | Pass   |

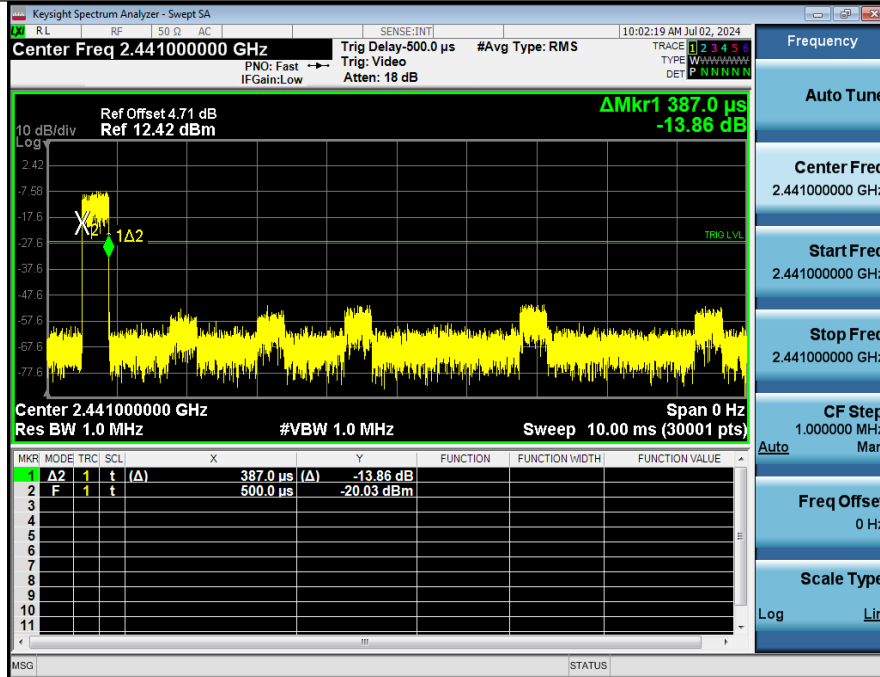


8. Dwell Time (Hopping)

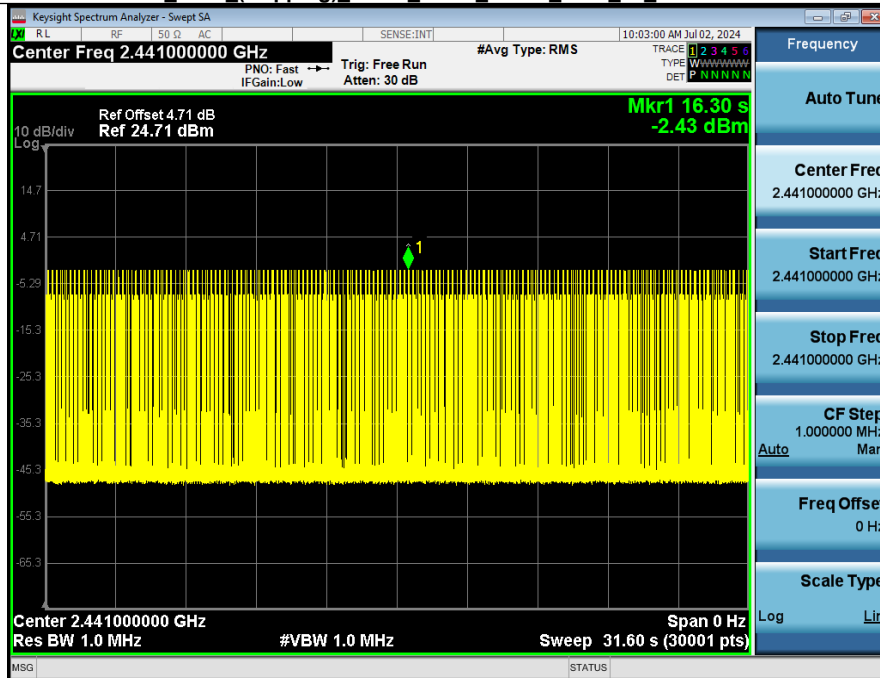
| Condition | Antenna | Packet Type | Pulse Time(ms) | Hops   | Dwell Time(ms) | Limit(s) | Result |
|-----------|---------|-------------|----------------|--------|----------------|----------|--------|
| NVNT      | ANT1    | 1-DH1       | 0.377          | 320.00 | 120.640        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH1       | 0.387          | 320.00 | 123.840        | 0.40     | Pass   |
| NVNT      | ANT1    | 1-DH3       | 1.633          | 157.00 | 256.381        | 0.40     | Pass   |
| NVNT      | ANT1    | 1-DH5       | 2.881          | 108.00 | 311.148        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH3       | 1.639          | 149.00 | 244.211        | 0.40     | Pass   |
| NVNT      | ANT1    | 2-DH5       | 2.887          | 106.00 | 306.022        | 0.40     | Pass   |



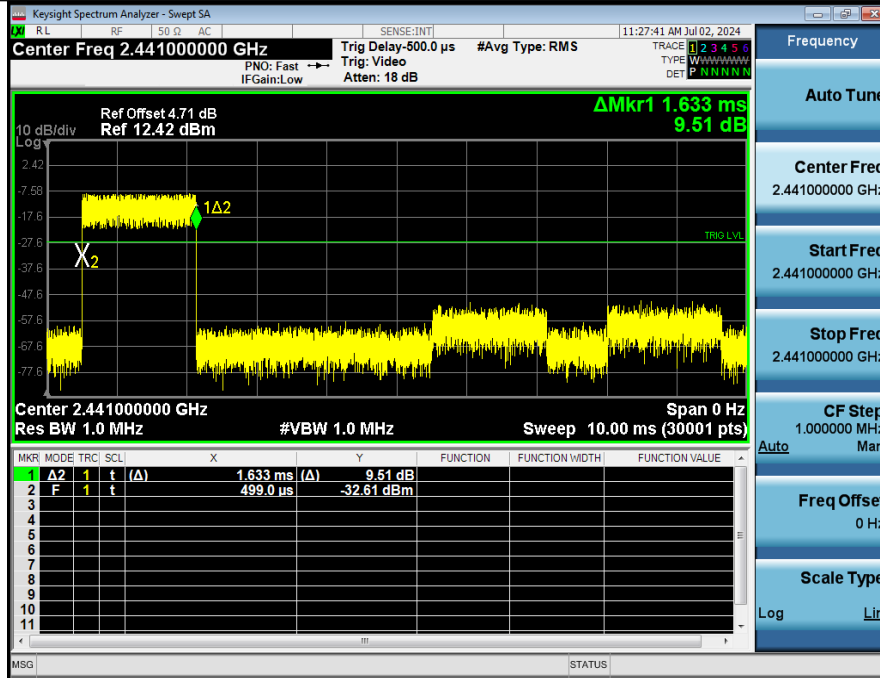
### Dwell Time (Hopping) NVNT\_ANT1\_2-DH1\_2441\_00\_One\_Burst\_Time



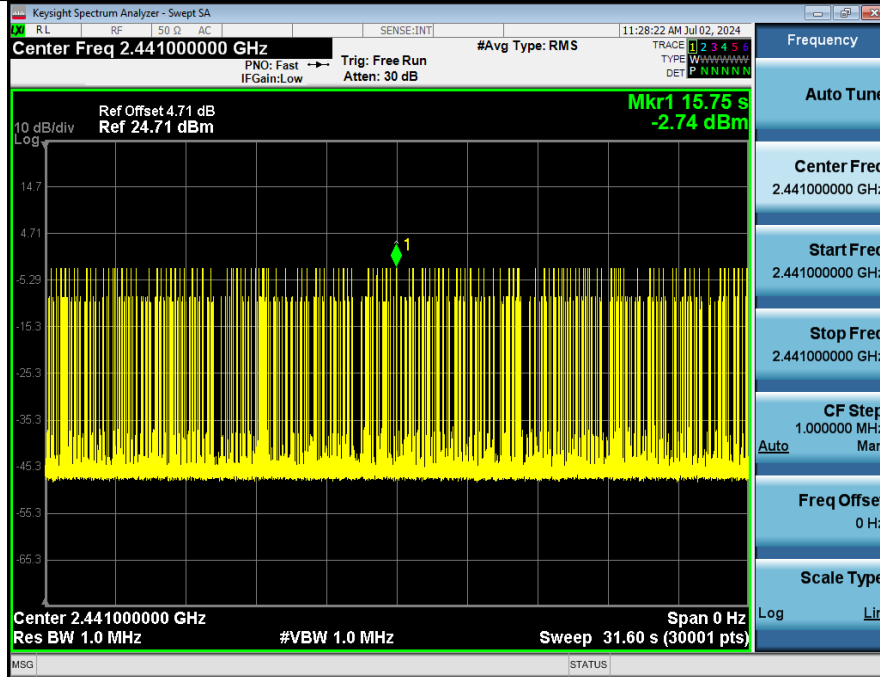
### Dwell Time (Hopping) NVNT\_ANT1\_2-DH1\_2441\_00\_Accumulated



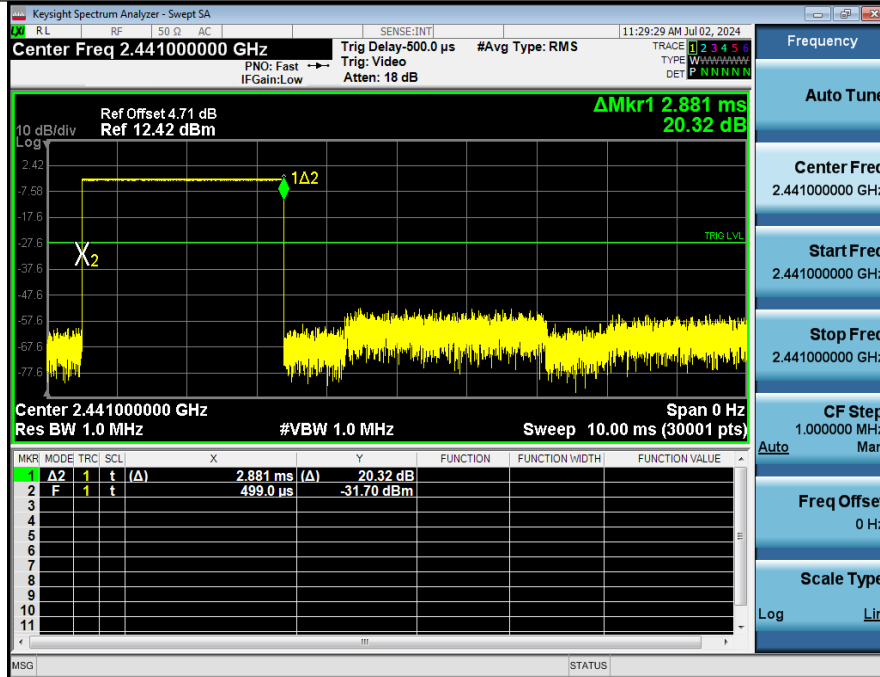
# Dwell Time (Hopping) NVNT\_ANT1\_1-DH3\_2441\_00\_One\_Burst Time



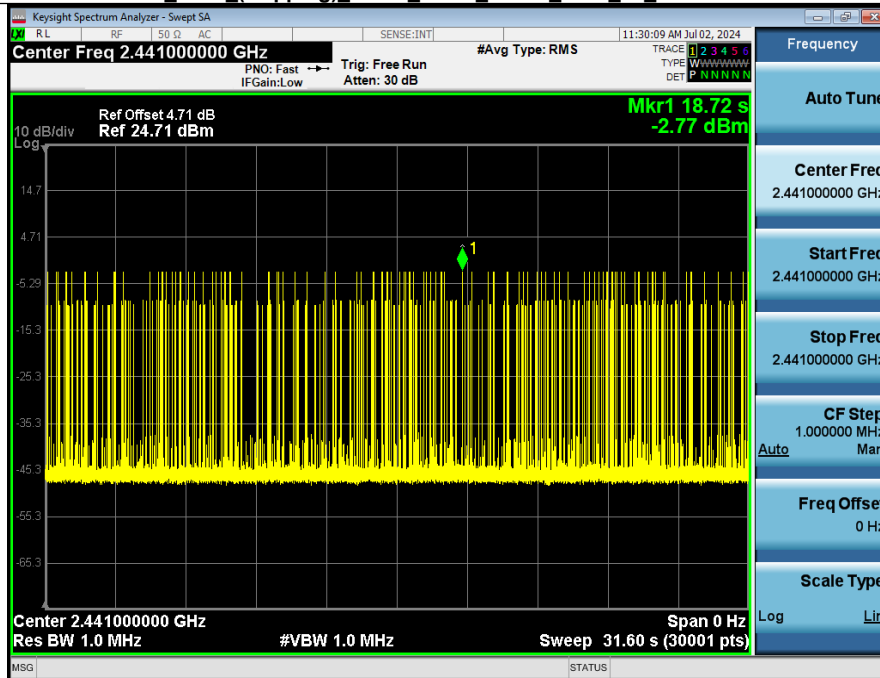
# Dwell Time (Hopping) NVNT\_ANT1\_1-DH3\_2441\_00\_Accumulated



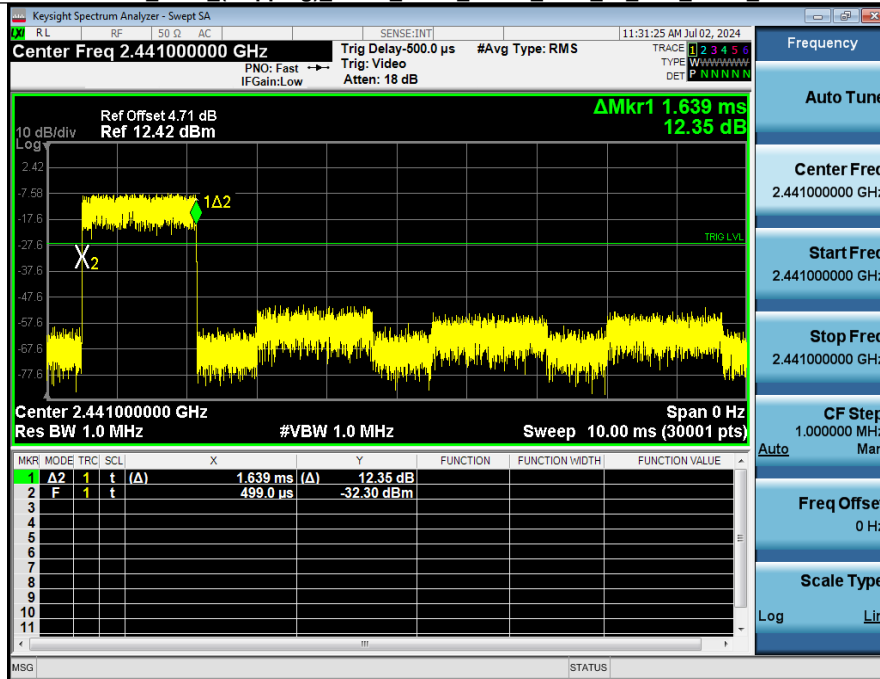
### Dwell Time (Hopping) NVNT\_ANT1\_1-DH5\_2441\_00\_One Burst Time



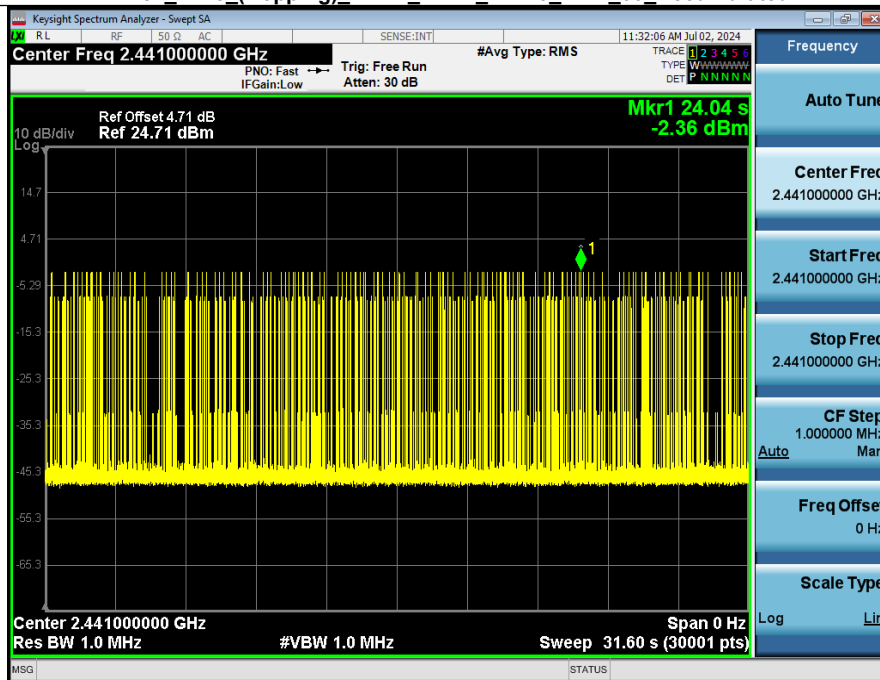
### Dwell Time (Hopping) NVNT\_ANT1\_1-DH5\_2441\_00\_Accumulated



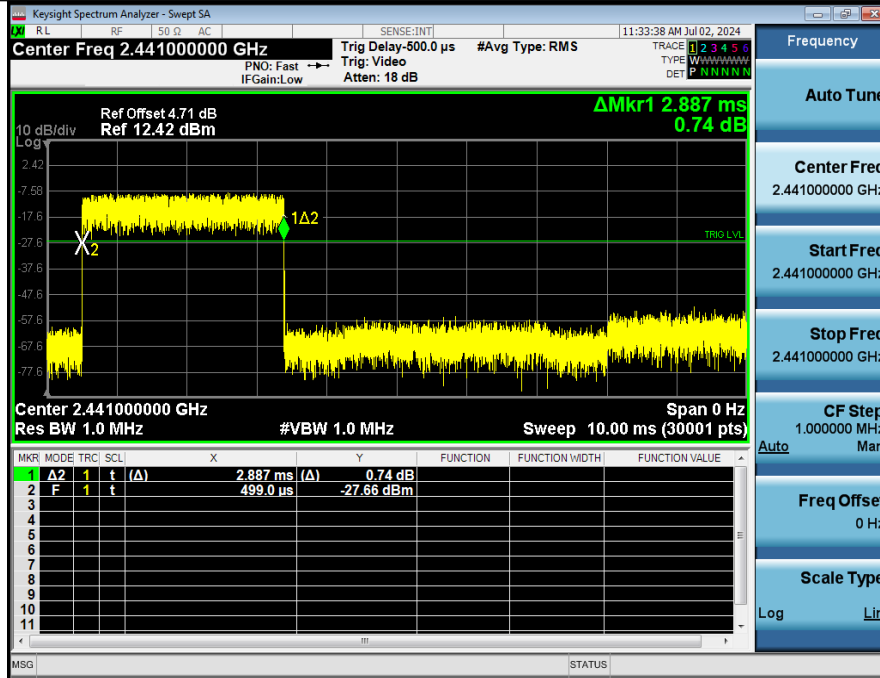
# Dwell Time (Hopping) NVNT\_ANT1\_2-DH3\_2441\_00\_One\_Burst\_Time



# Dwell Time (Hopping) NVNT\_ANT1\_2-DH3\_2441\_00\_Accumulated



# Dwell Time (Hopping) NVNT\_ANT1\_2-DH5\_2441\_00\_One\_Burst Time



# Dwell Time (Hopping) NVNT\_ANT1\_2-DH5\_2441\_00\_Accumulated

