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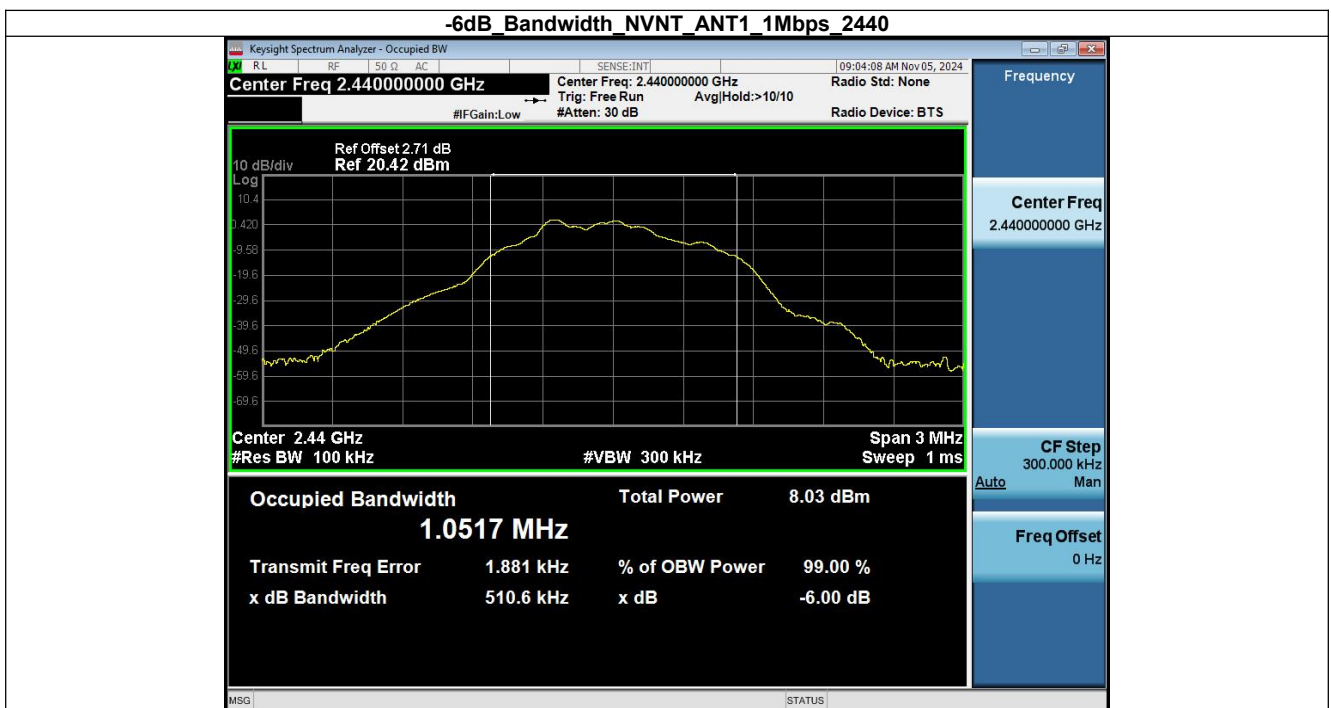
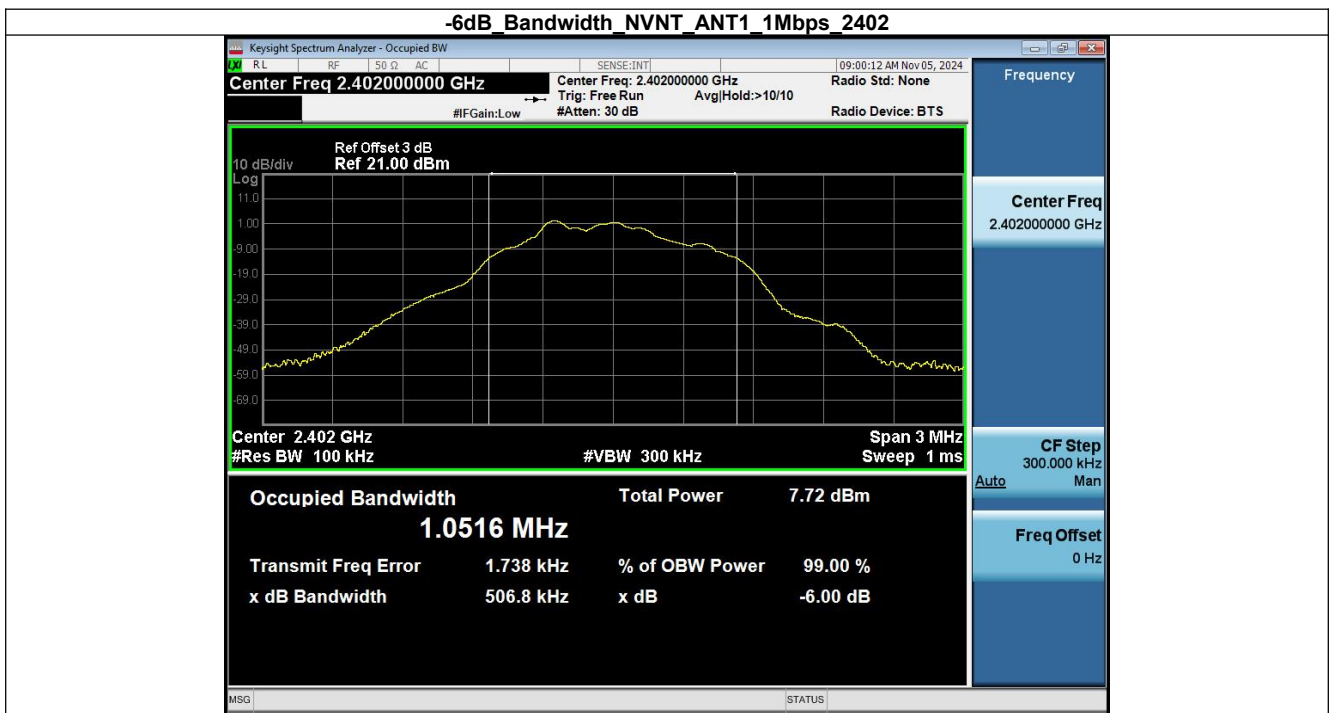
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# FCC ID:2AO8RNI-8511

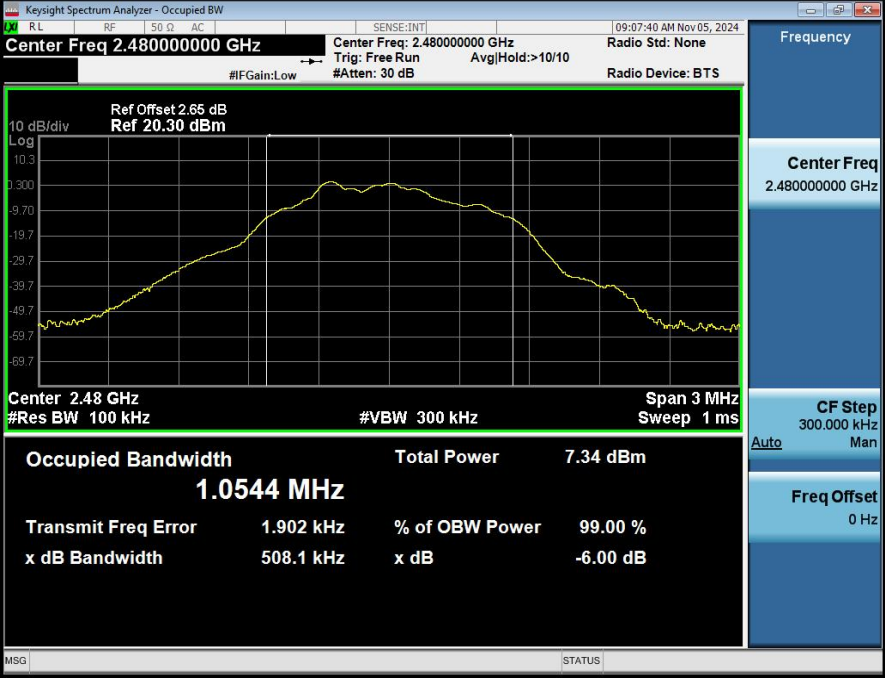
## FCC\_BLE (Part15.247) Test Data

### 1. -6dB Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | -6dB BW(kHz) | limit(kHz) | Result |
|-----------|---------|-------|-----------------|--------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 506.77       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 510.59       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 508.13       | 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         | 1.012        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 1.012        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 1.015        |

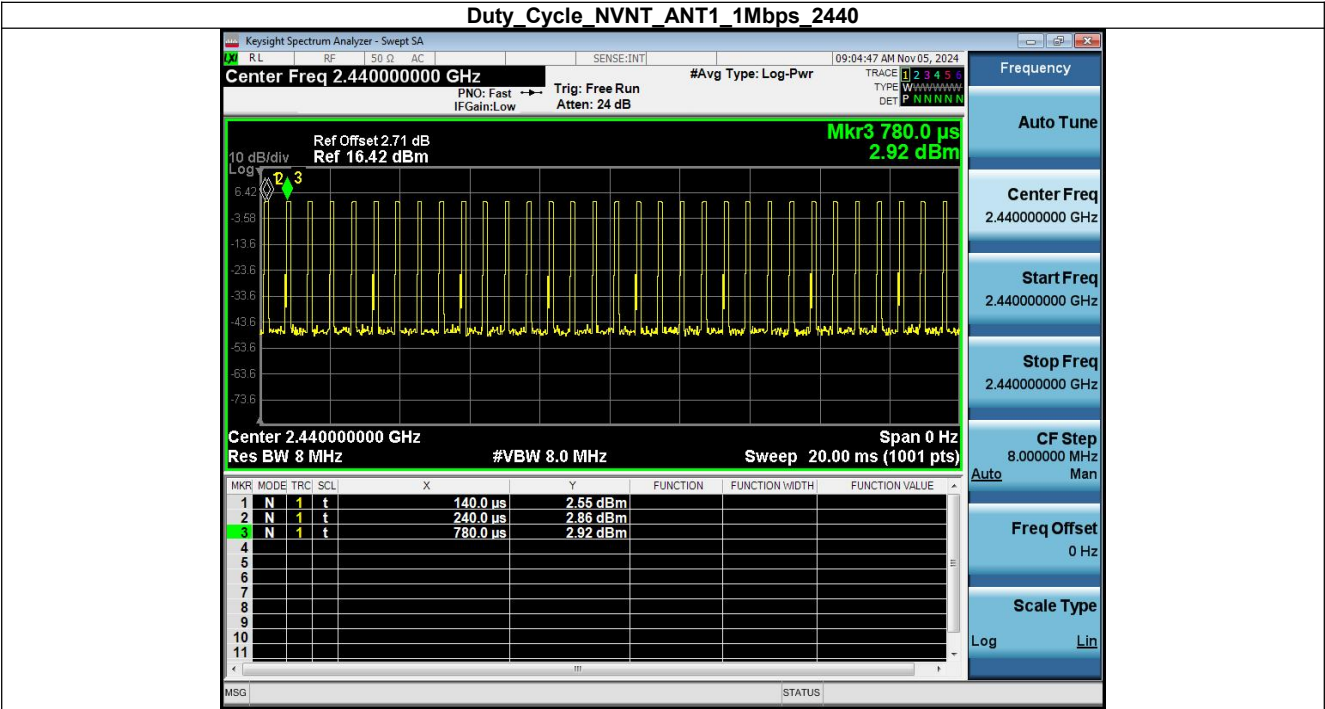
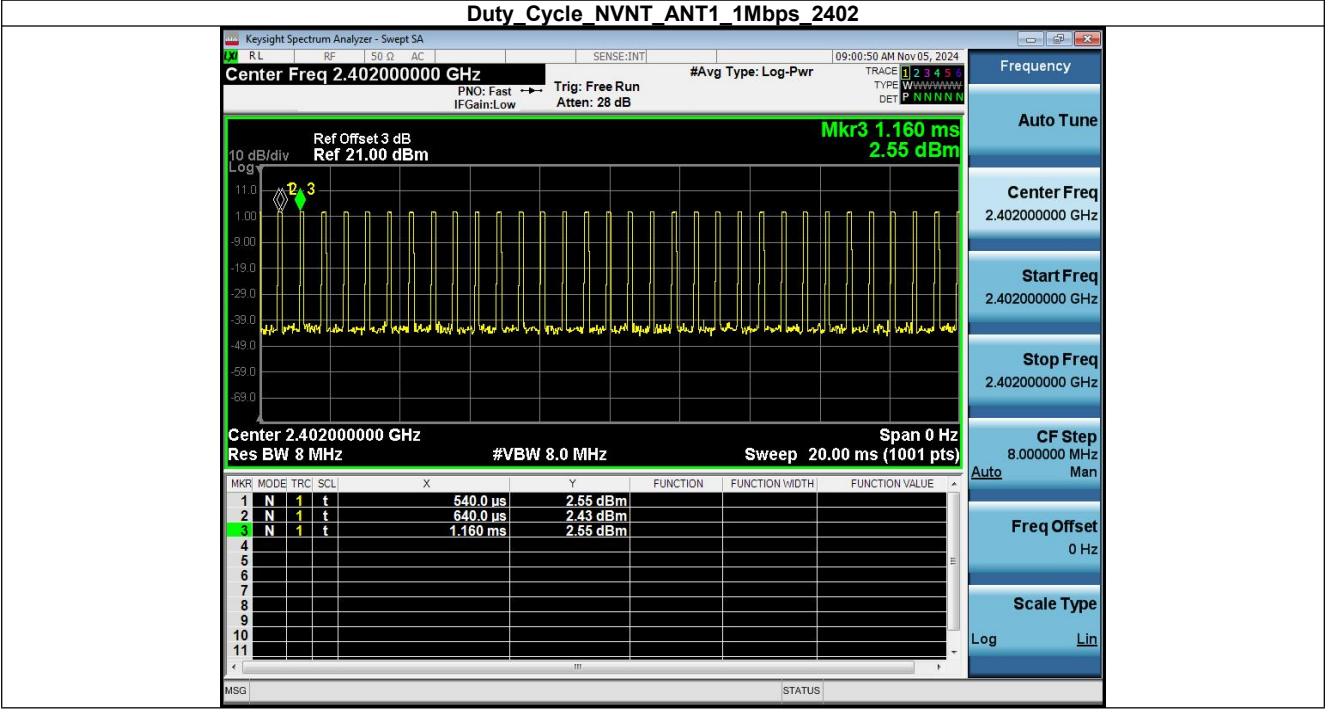


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

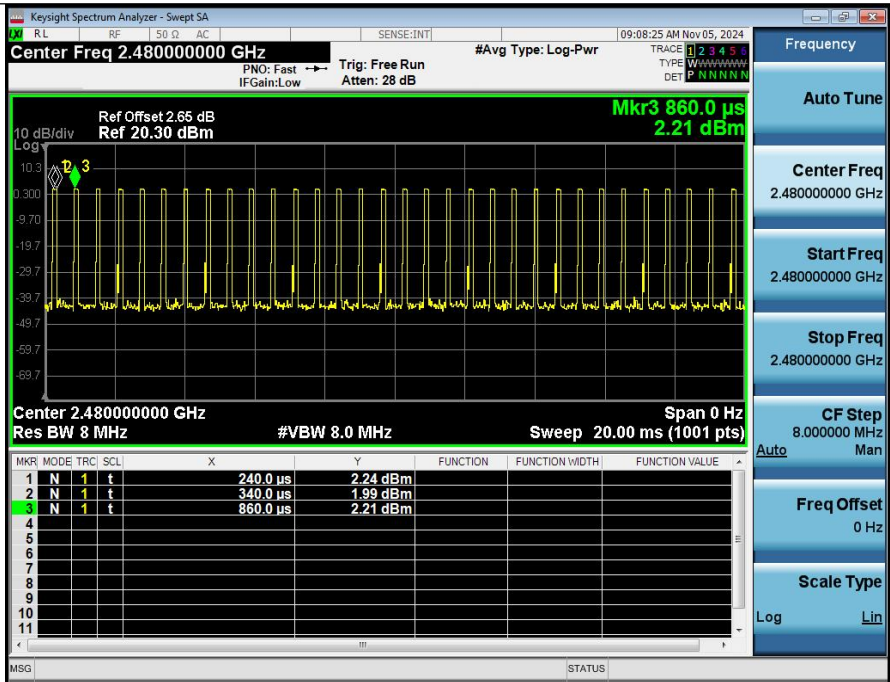


3. Duty Cycle

| Condition | Antenna | Rate  | Frequency (MHz) | Dutycycle(%) | Duty_factor |
|-----------|---------|-------|-----------------|--------------|-------------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 19.35        | 7.13        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 15.63        | 8.06        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 16.13        | 7.92        |

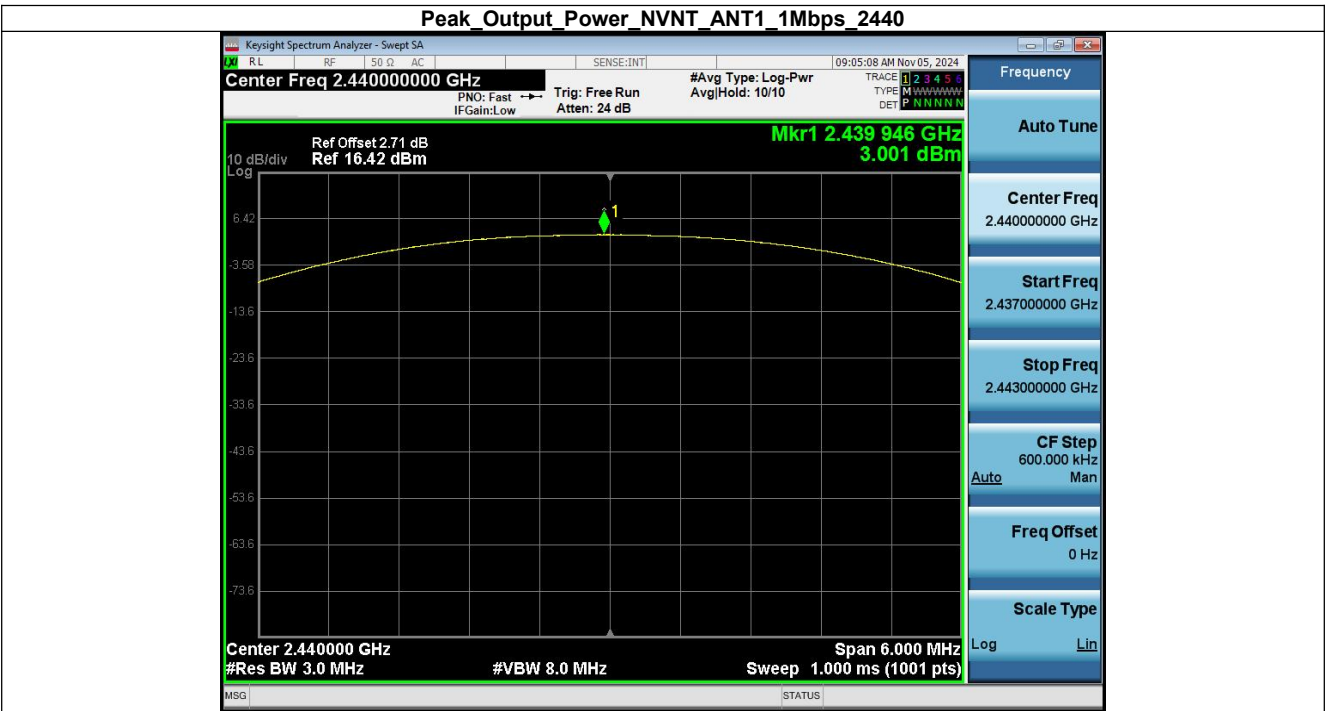
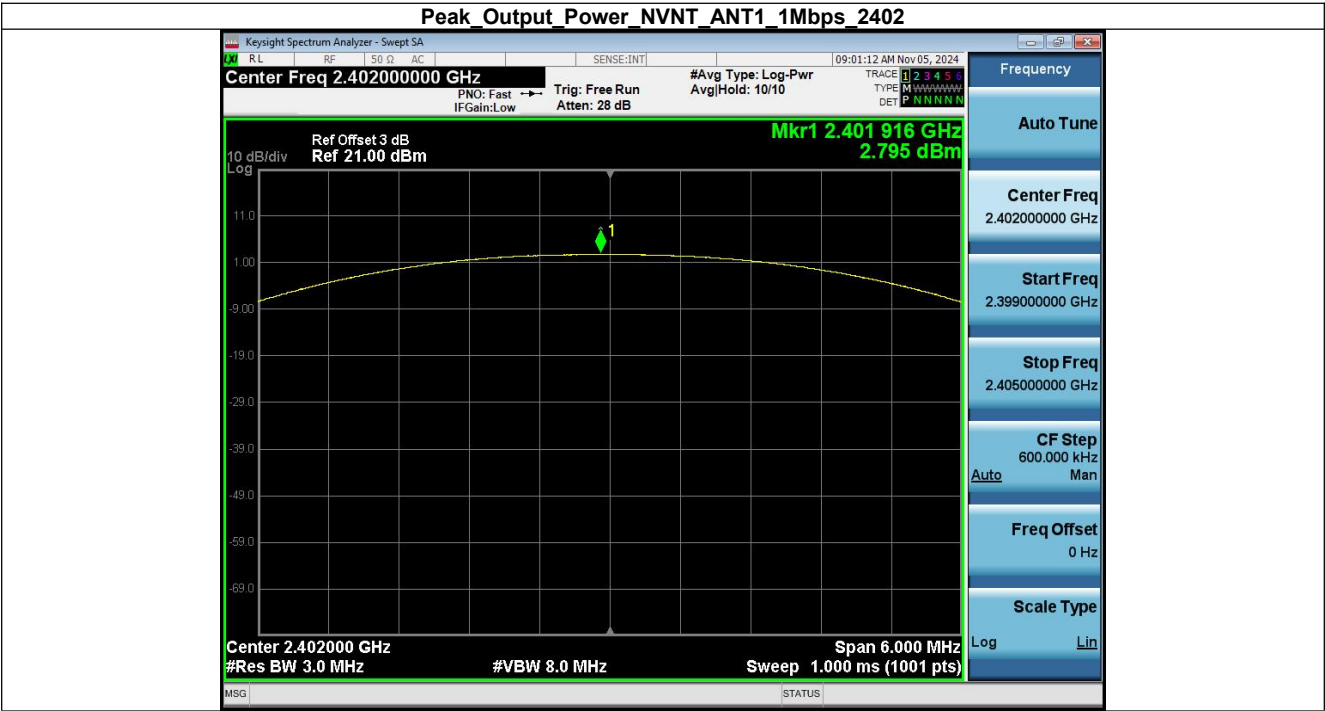


Duty Cycle\_NVNT\_ANT1\_1Mbps\_2480



4. Peak Output Power

| Condition | Antenna | Rate  | Frequency (MHz) | Max. Conducted Power (dBm) | Conducted Power Limit (dBm) | Antenna Gain (dBi) | EIRP(dBm) | EIRP Limit (dBm) | Result |
|-----------|---------|-------|-----------------|----------------------------|-----------------------------|--------------------|-----------|------------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 2.79                       | 30                          | -2.112             | 0.678     | 36               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 3.00                       | 30                          | -2.112             | 0.888     | 36               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 2.30                       | 30                          | -2.112             | 0.188     | 36               | Pass   |

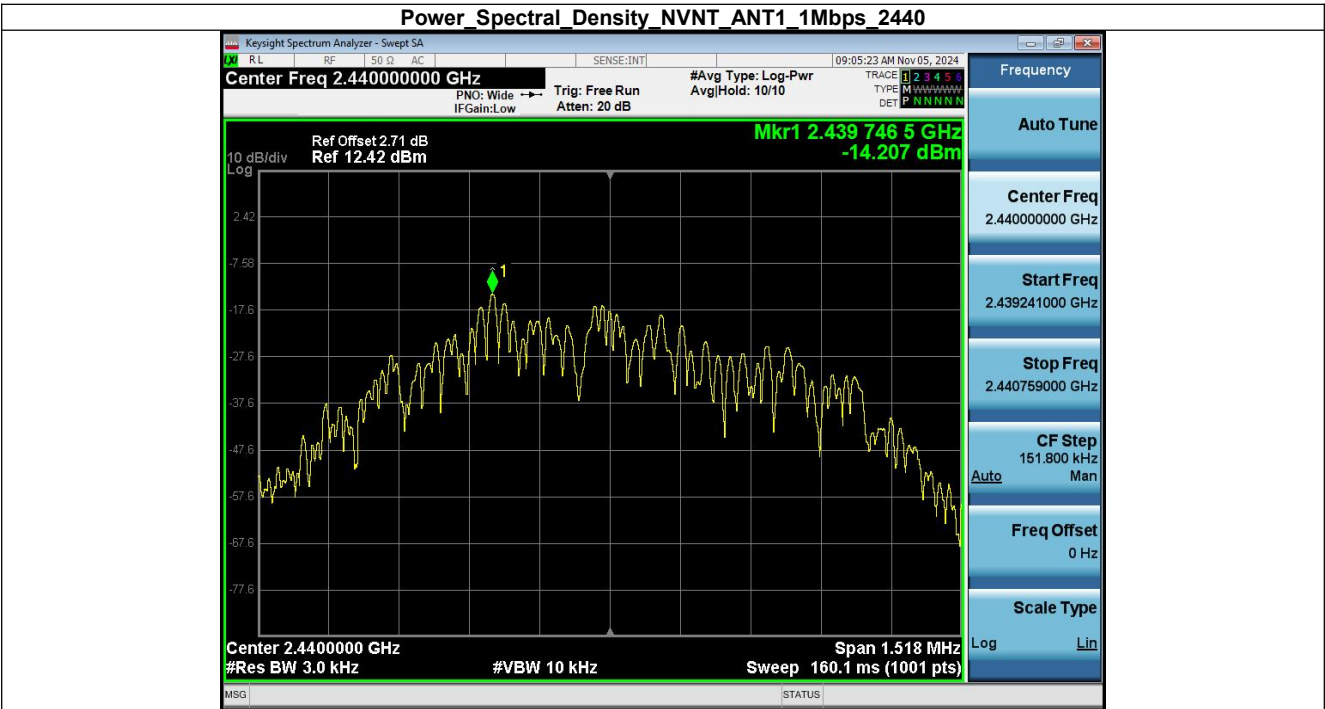


Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2480



5. Power Spectral Density

| Condition | Antenna | Rate  | Frequency (MHz) | Power Spectral Density(dBm) | Limit(dBm/3kHz) | Result |
|-----------|---------|-------|-----------------|-----------------------------|-----------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | -14.32                      | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -14.21                      | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -14.86                      | 8               | Pass   |

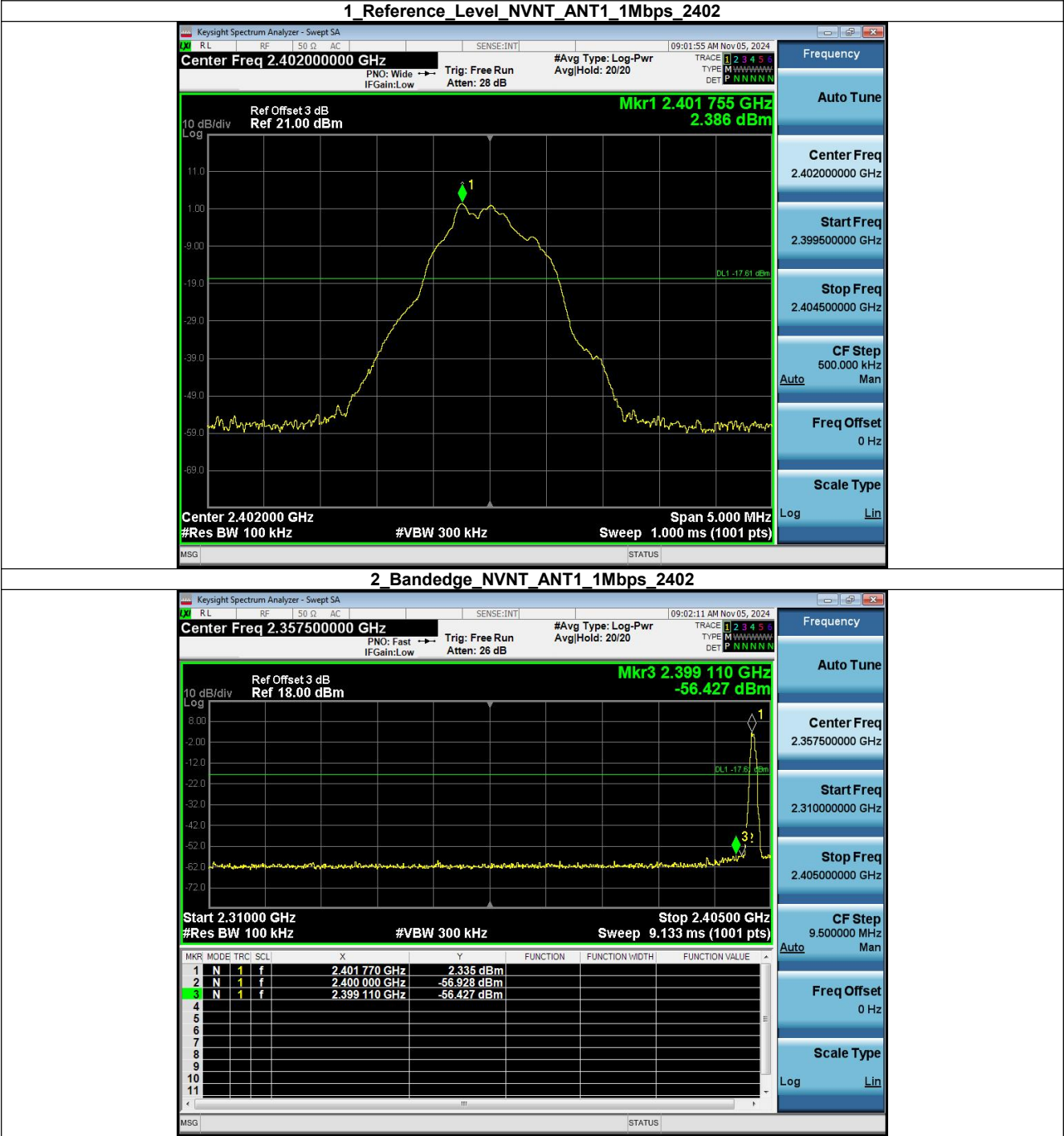


Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2480

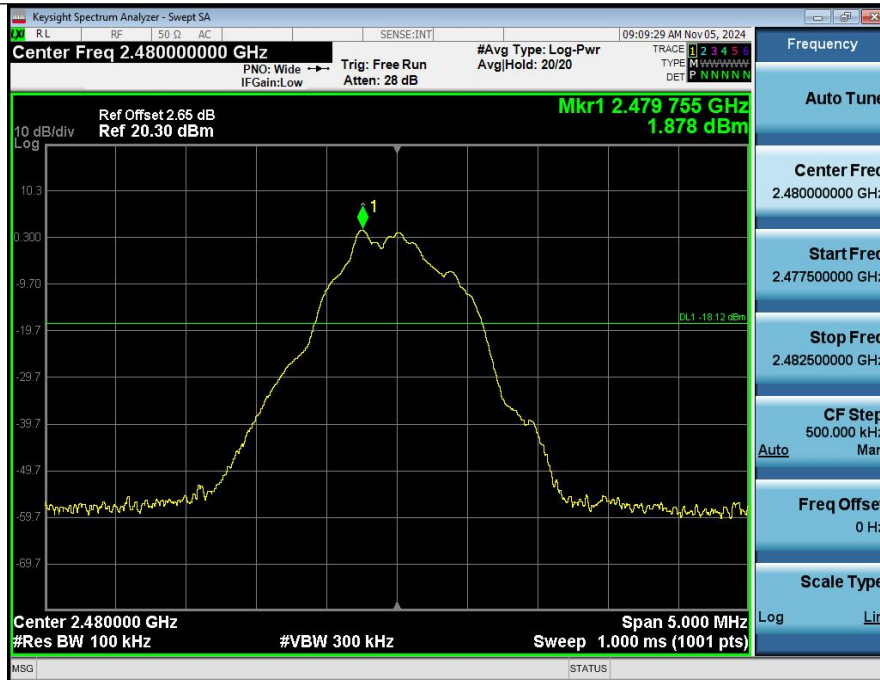


6. Bandedge

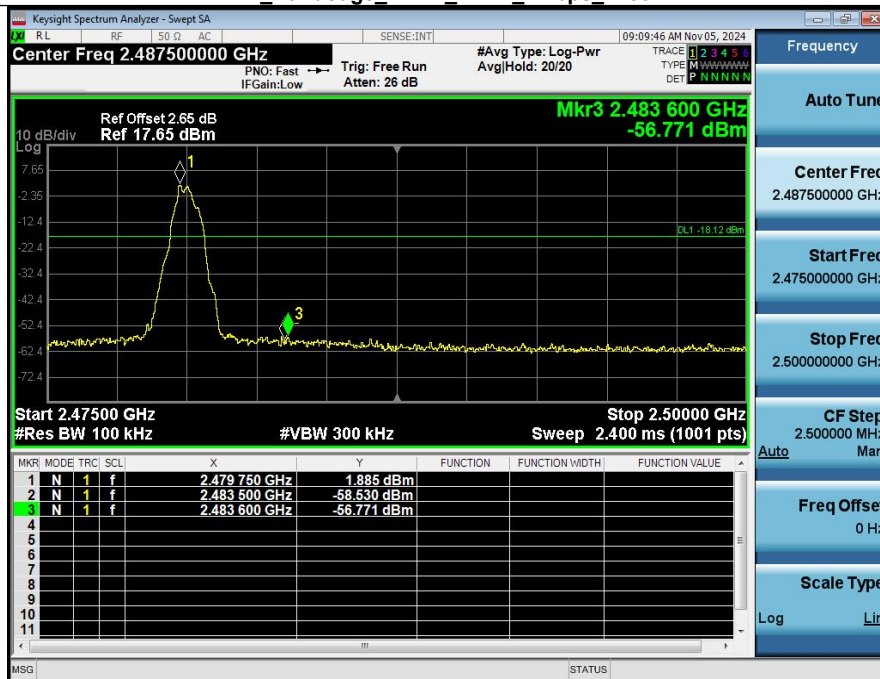
| Condition | Antenna | Rate  | TX_Frequency (MHz) | Max. Mark Frequency (MHz) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|-------|--------------------|---------------------------|---------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00            | 2399.110                  | -56.427             | -17.614    | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00            | 2483.600                  | -56.771             | -18.122    | Pass   |



1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480

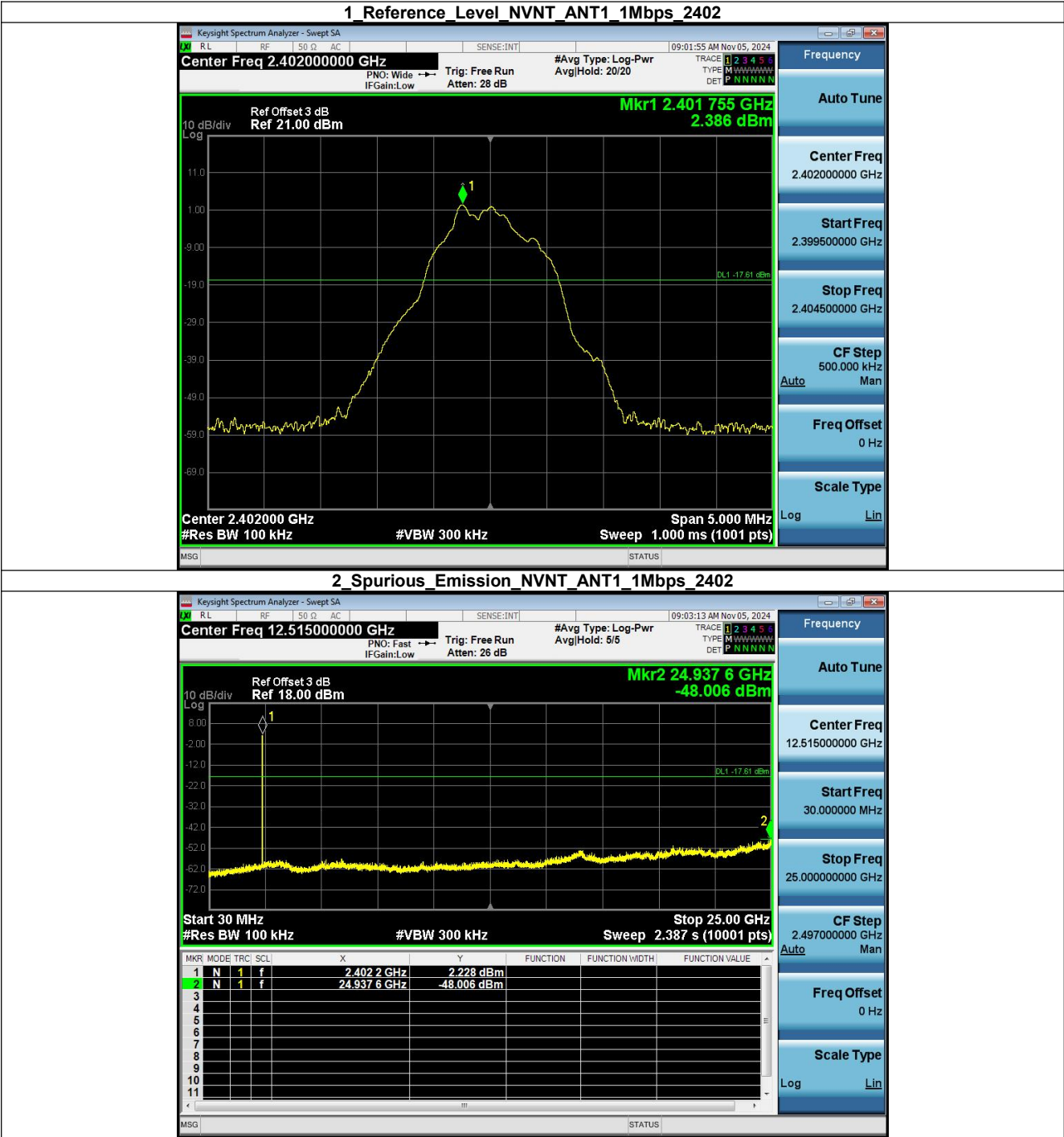


## 2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2480

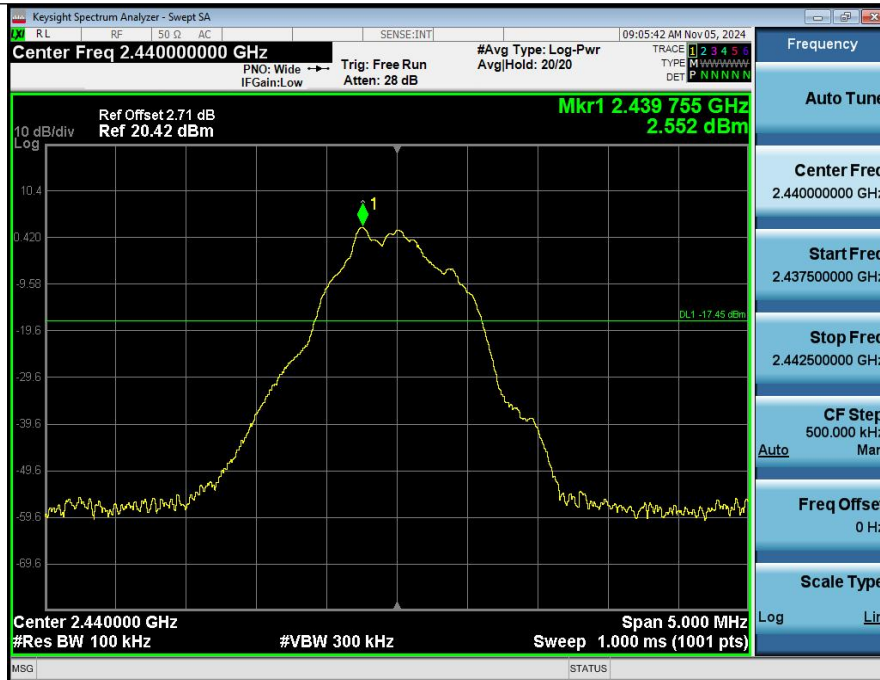


7. Spurious Emission

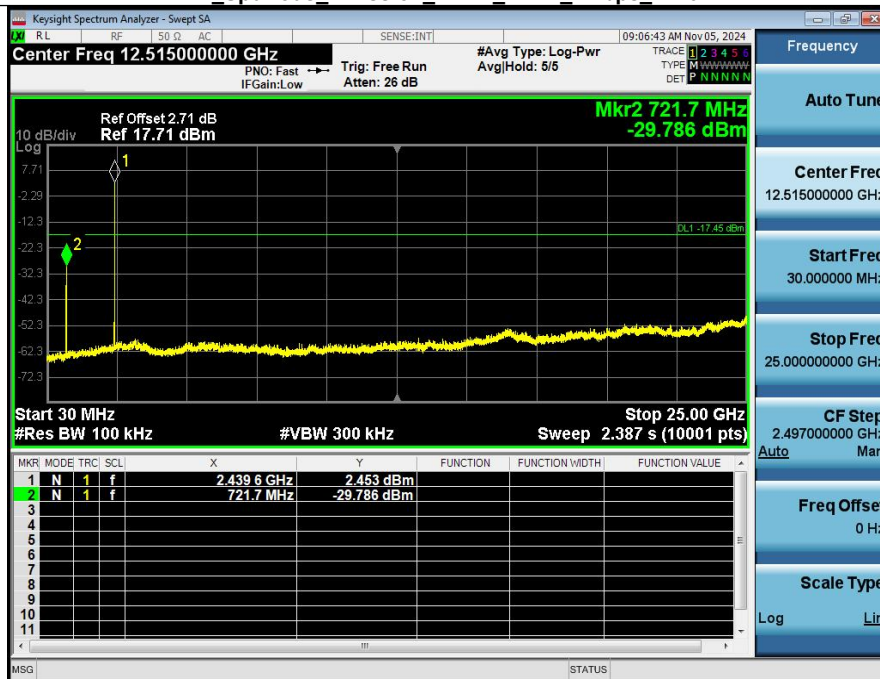
| Condition | Antenna | Rate  | TX_Frequency(MHz) | Spurious MAX.Value(dBm) | Limit   | Result |
|-----------|---------|-------|-------------------|-------------------------|---------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00           | -48.006                 | -17.614 | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00           | -29.786                 | -17.448 | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00           | -31.791                 | -18.122 | Pass   |



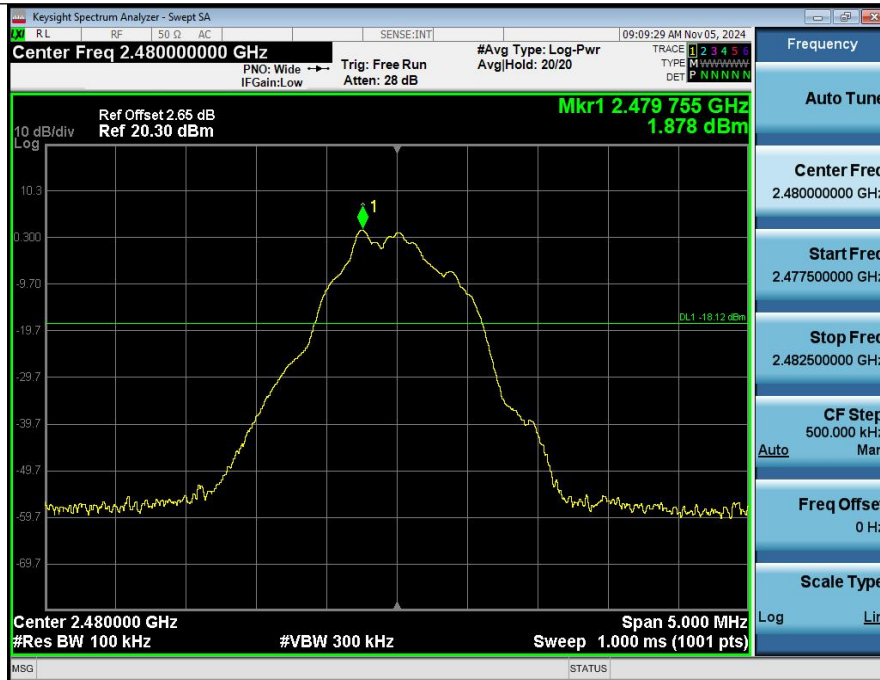
1 Reference\_Level\_NVNT\_ANT1\_1Mbps\_2440



## 2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2440



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



## 2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2480

