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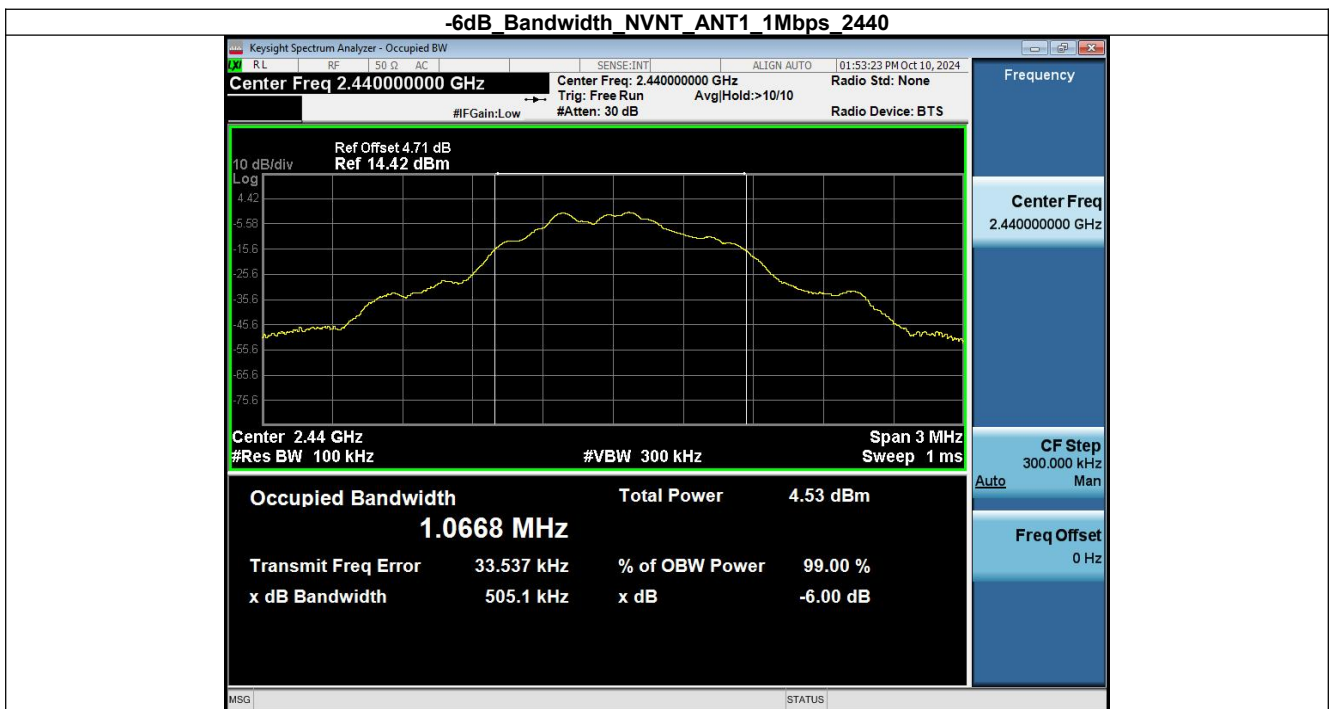
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# FCC ID BLE

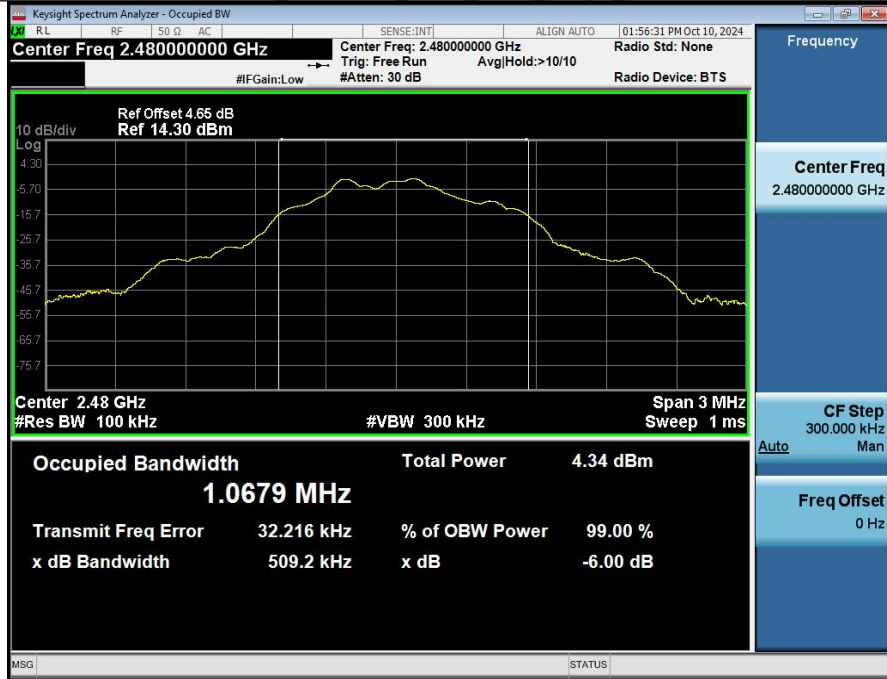
## FCC\_BLE (Part15.247) Test Data

### 1. -6dB Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | -6dB BW(kHz) | limit(kHz) | Result |
|-----------|---------|-------|-----------------|--------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 540.73       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 505.06       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 509.21       | 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         | 1.032        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 1.029        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 1.026        |

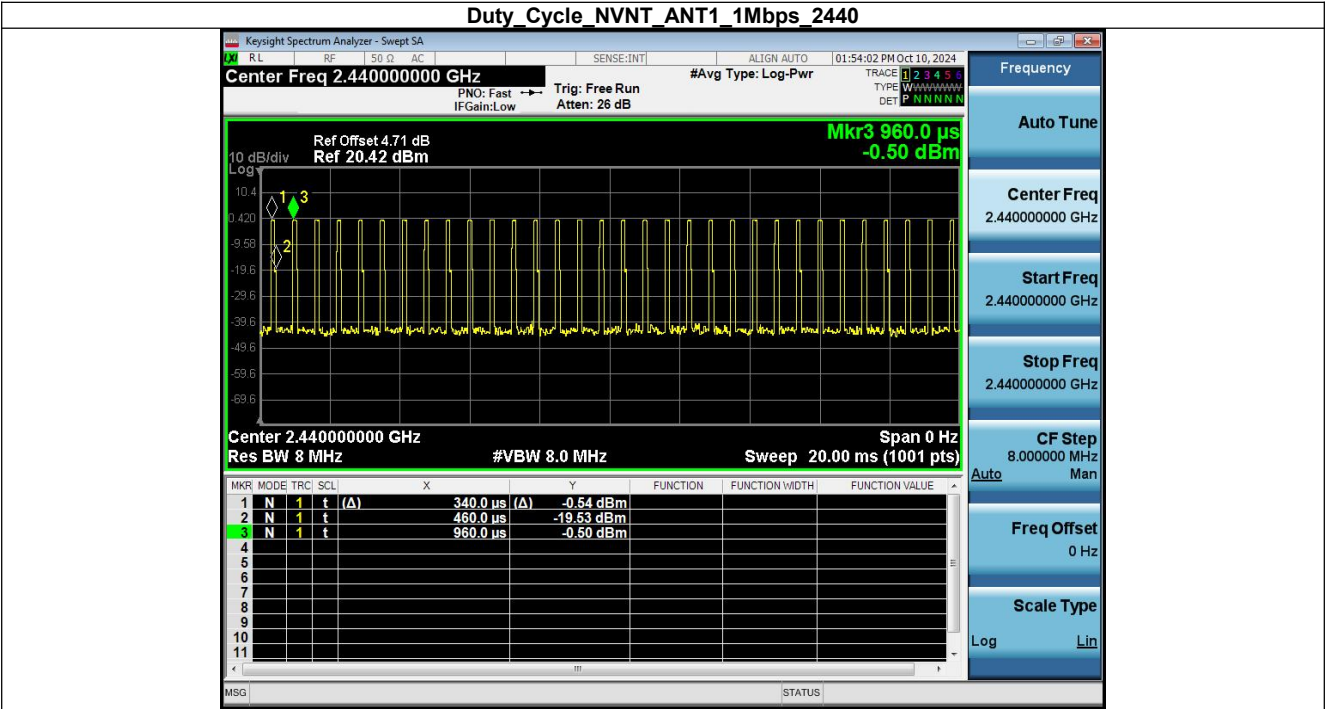
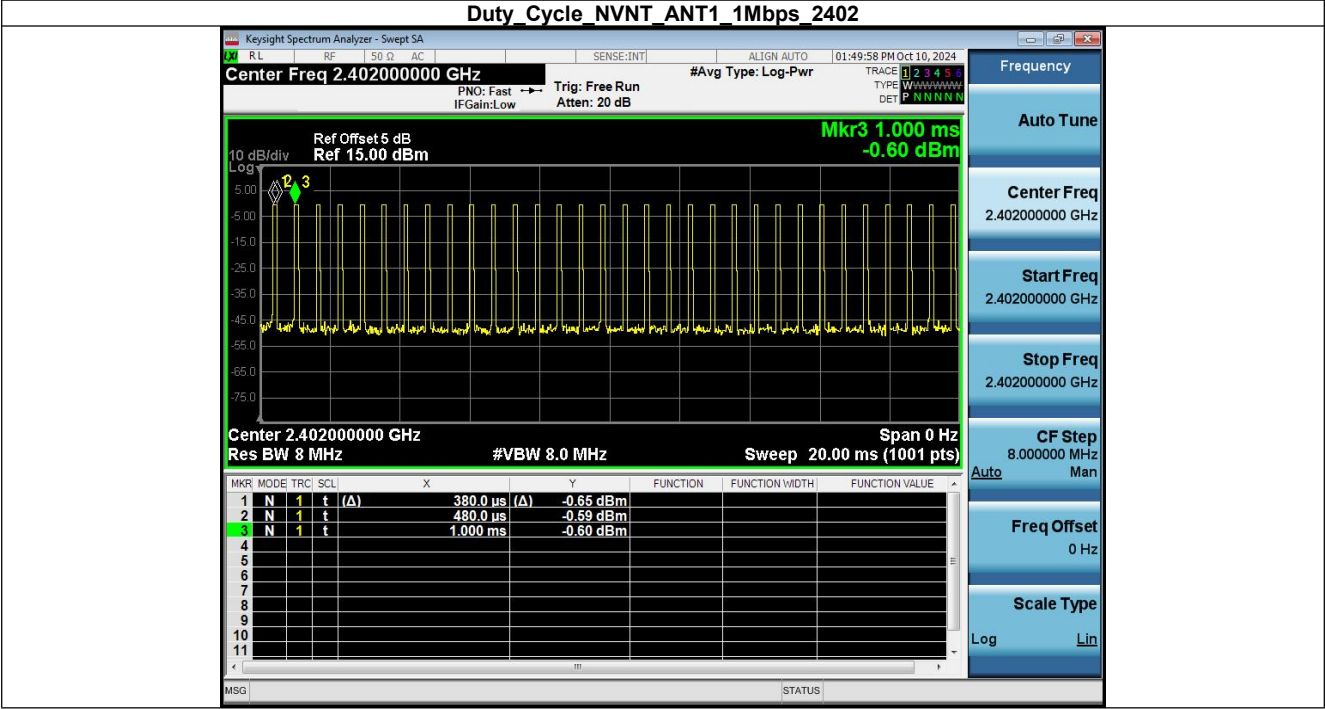


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

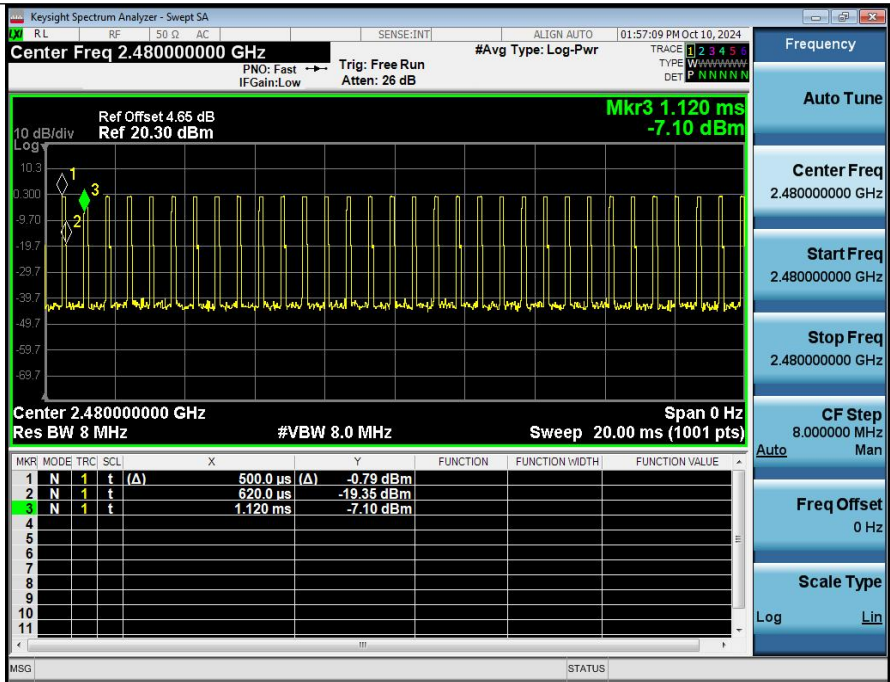


3. Duty Cycle

| 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         | 22.58        | 6.46        |

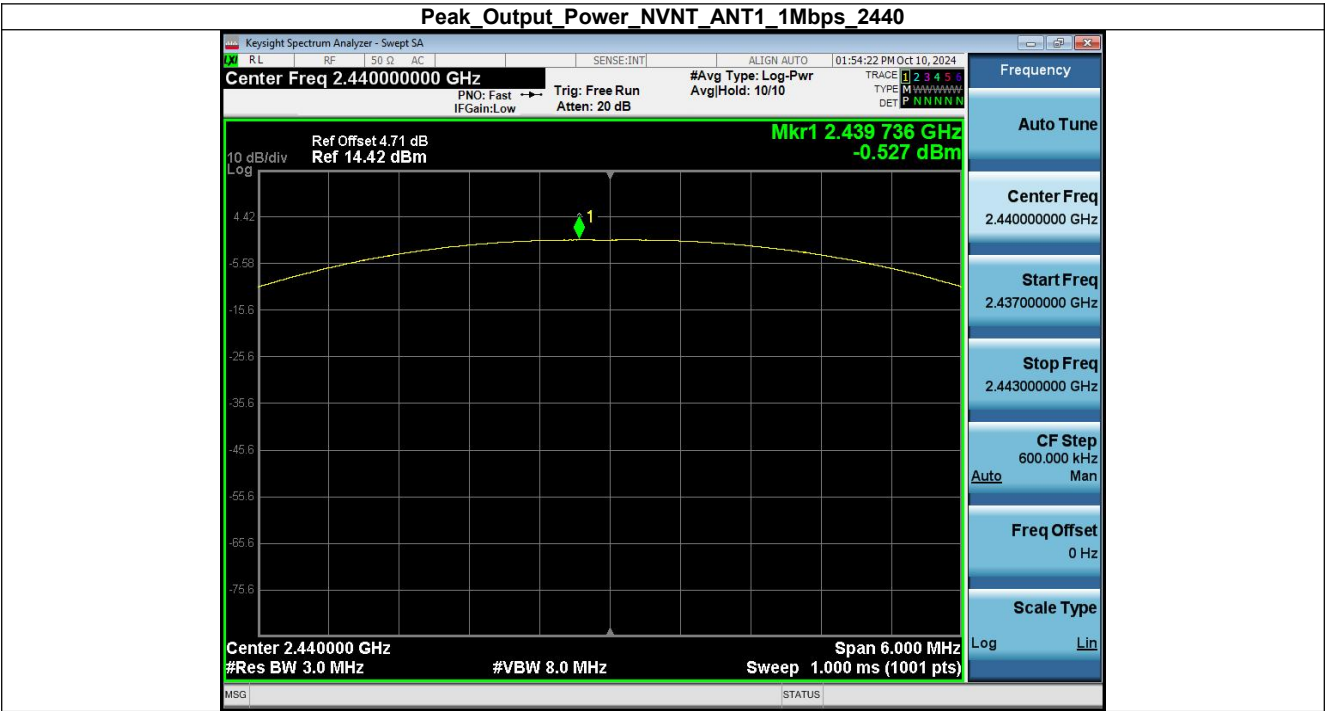
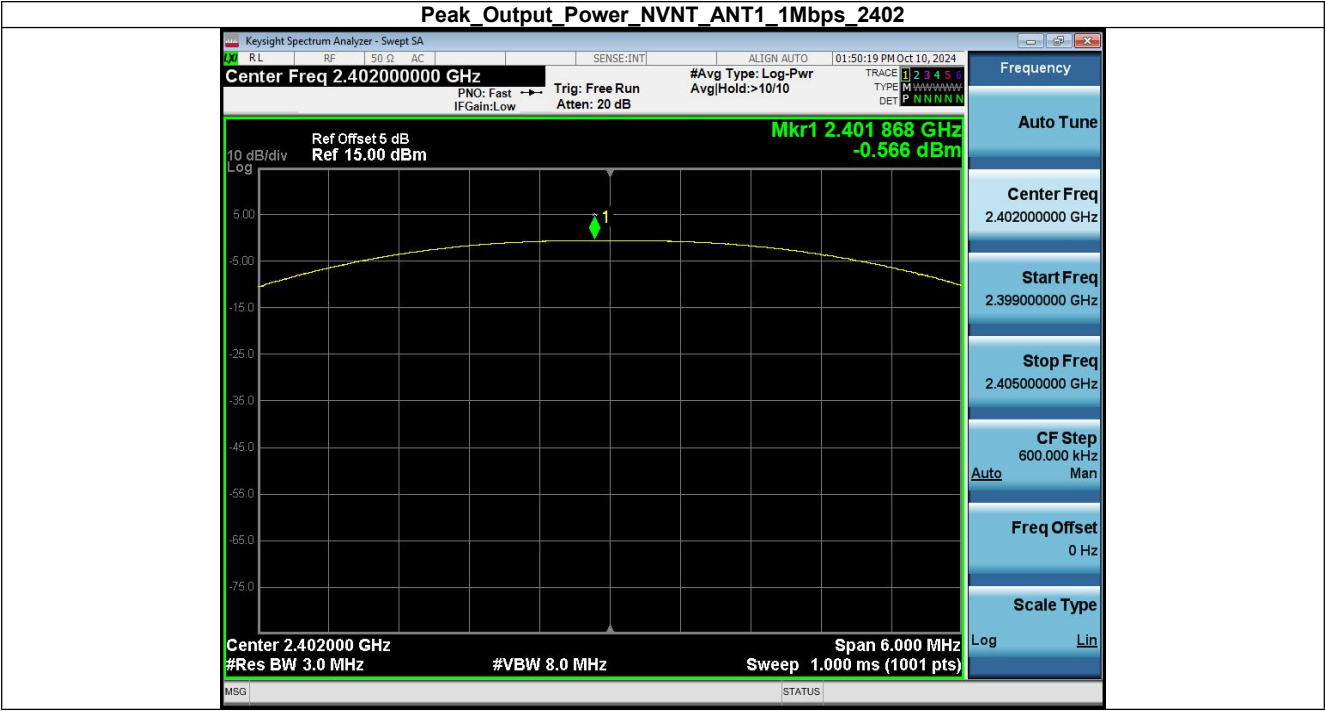


Duty Cycle\_NVNT\_ANT1\_1Mbps\_2480



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         | -0.57                     | 0.88                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -0.53                     | 0.89                     | 1000      | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -0.73                     | 0.84                     | 1000      | Pass   |



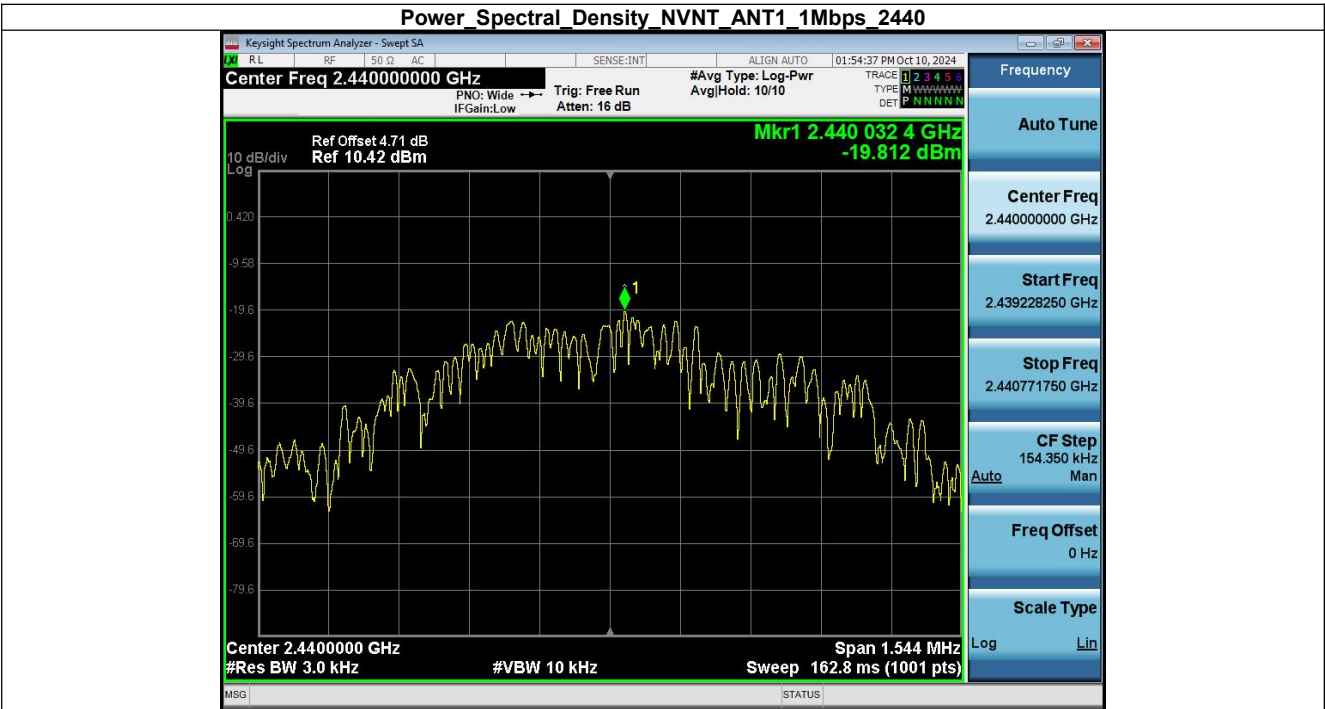
Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2480





5. Power Spectral Density

| Condition | Antenna | Rate  | Frequency (MHz) | Power Spectral Density(dBm) | Limit(dBm/3kHz) | Result |
|-----------|---------|-------|-----------------|-----------------------------|-----------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | -19.98                      | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -19.81                      | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -20.25                      | 8               | Pass   |

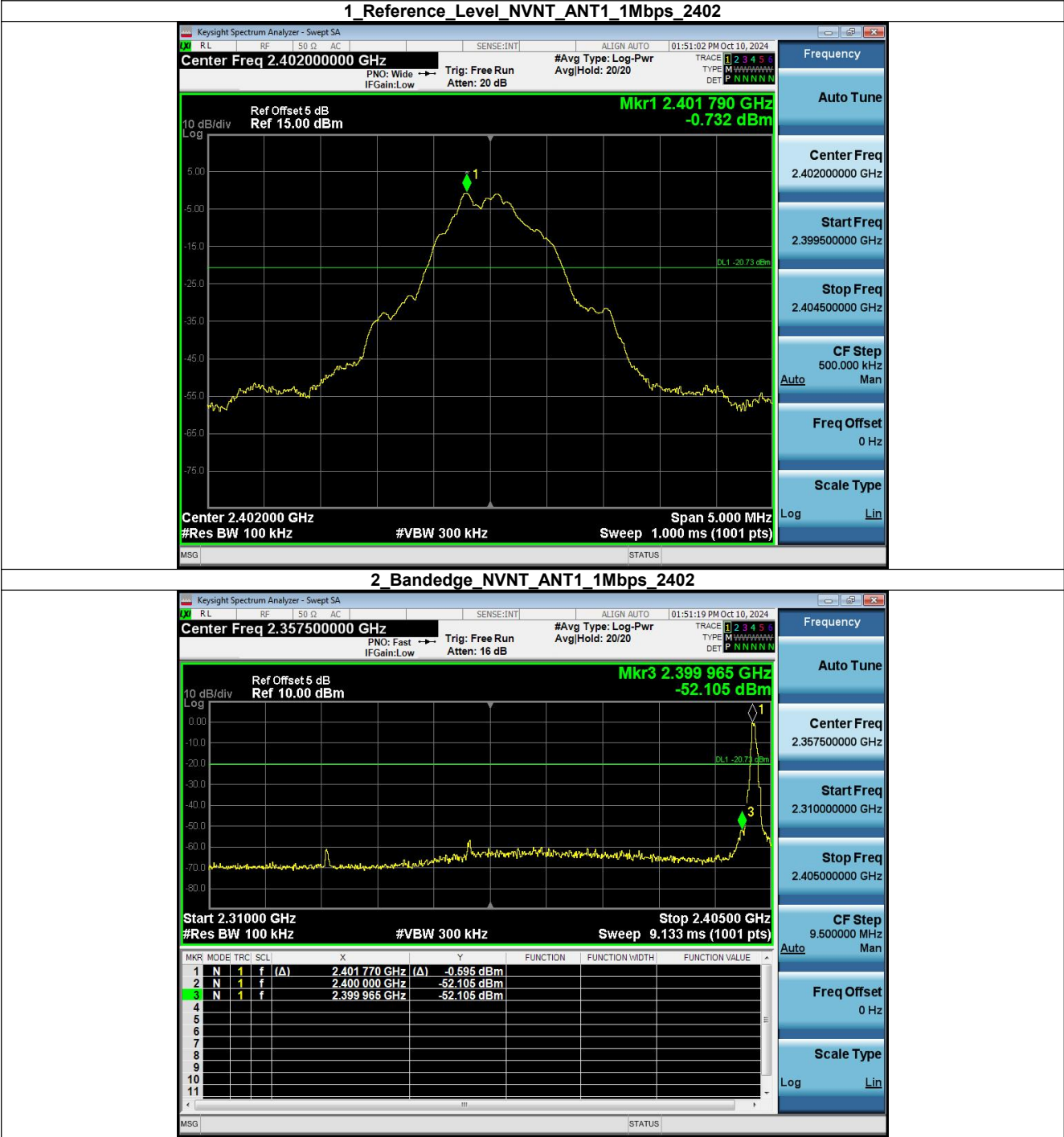


Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2480



6. Bandedge

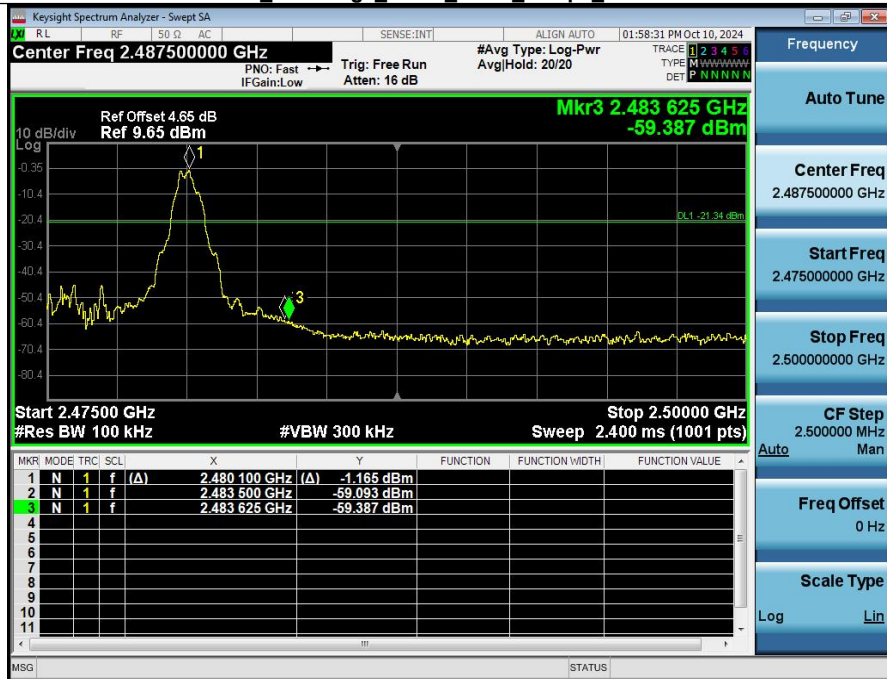
| Condition | Antenna | Rate  | TX_Frequency (MHz) | Max. Mark Frequency (MHz) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|-------|--------------------|---------------------------|---------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00            | 2399.965                  | -52.105             | -20.732    | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00            | 2483.625                  | -59.387             | -21.335    | Pass   |



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

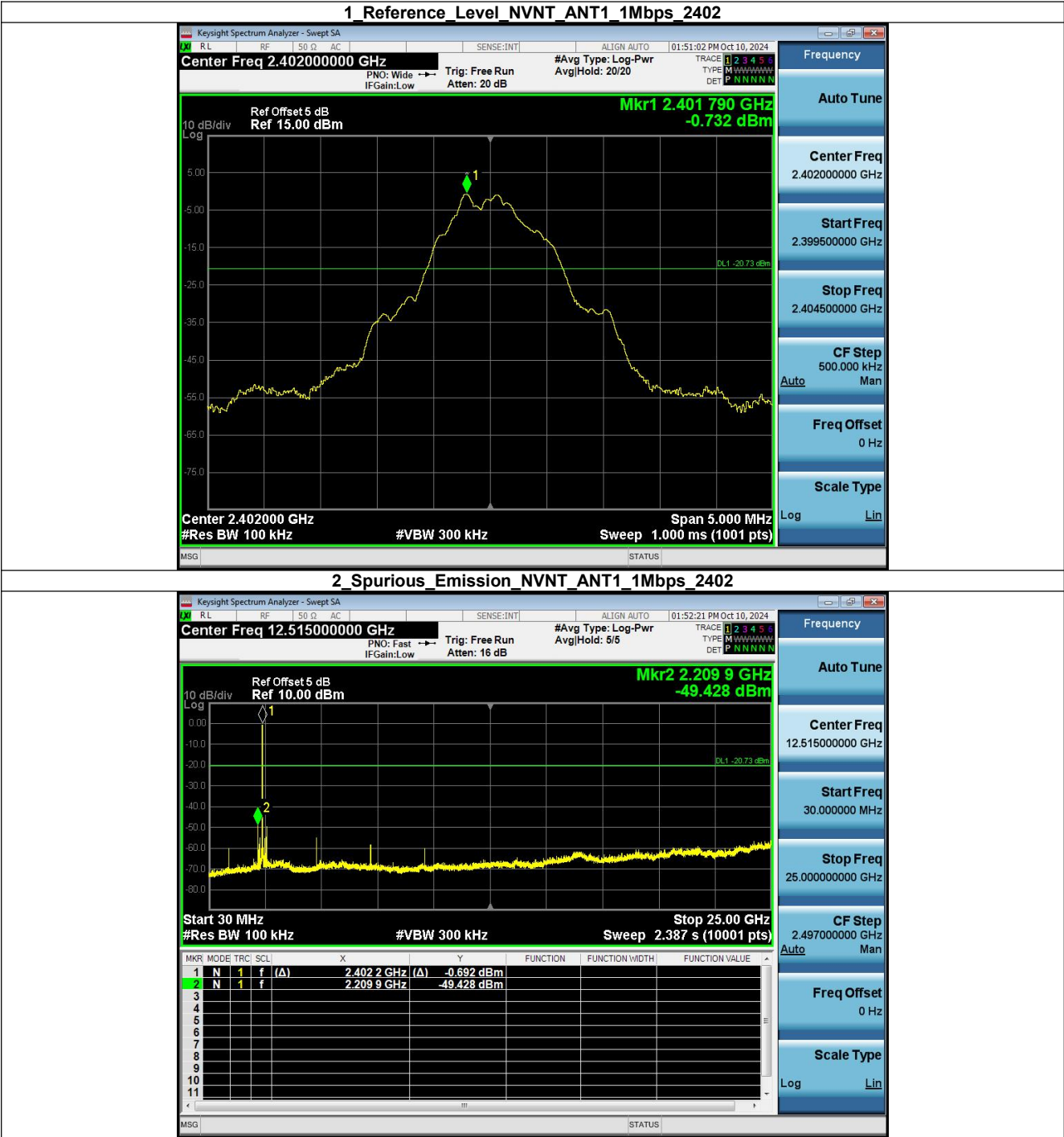


## 2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2480



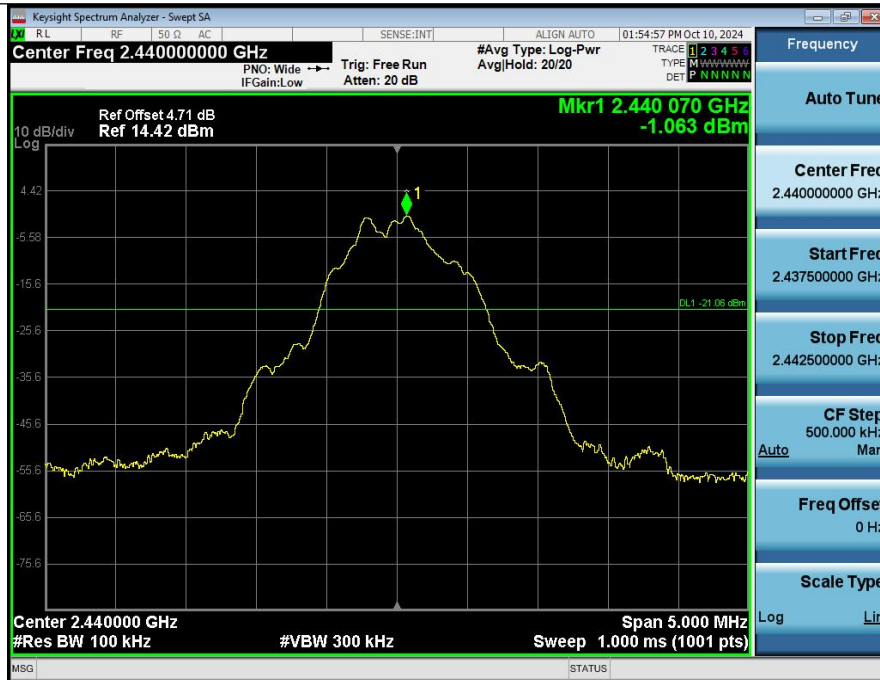
7. Spurious Emission

| Condition | Antenna | Rate  | TX_Frequency(MHz) | Spurious MAX.Value(dBm) | Limit   | Result |
|-----------|---------|-------|-------------------|-------------------------|---------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00           | -49.428                 | -20.732 | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00           | -46.878                 | -21.063 | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00           | -46.656                 | -21.335 | Pass   |

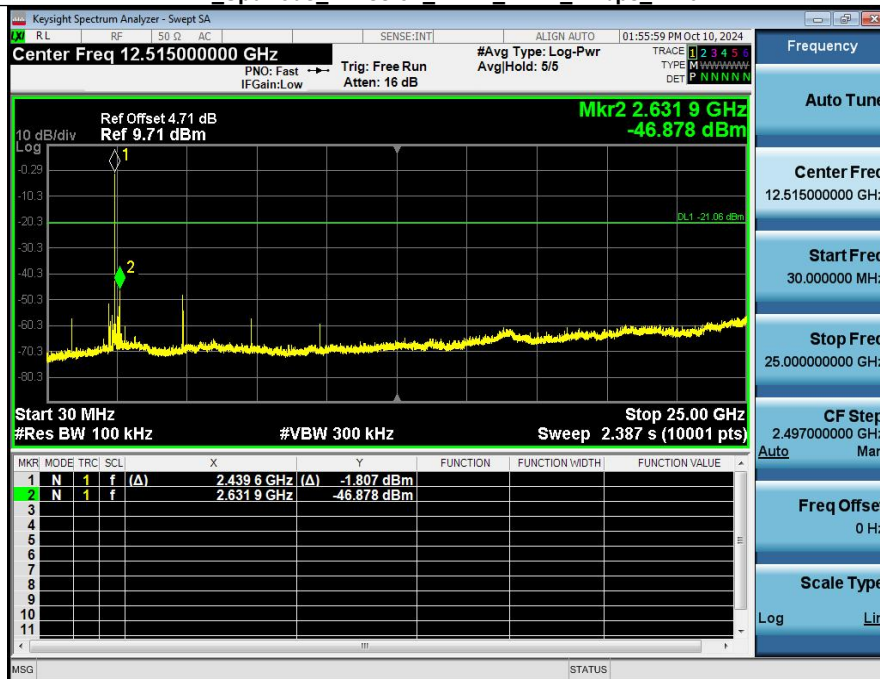


1 Reference\_Level\_NVNT\_ANT1\_1Mbps\_2440





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



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



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

