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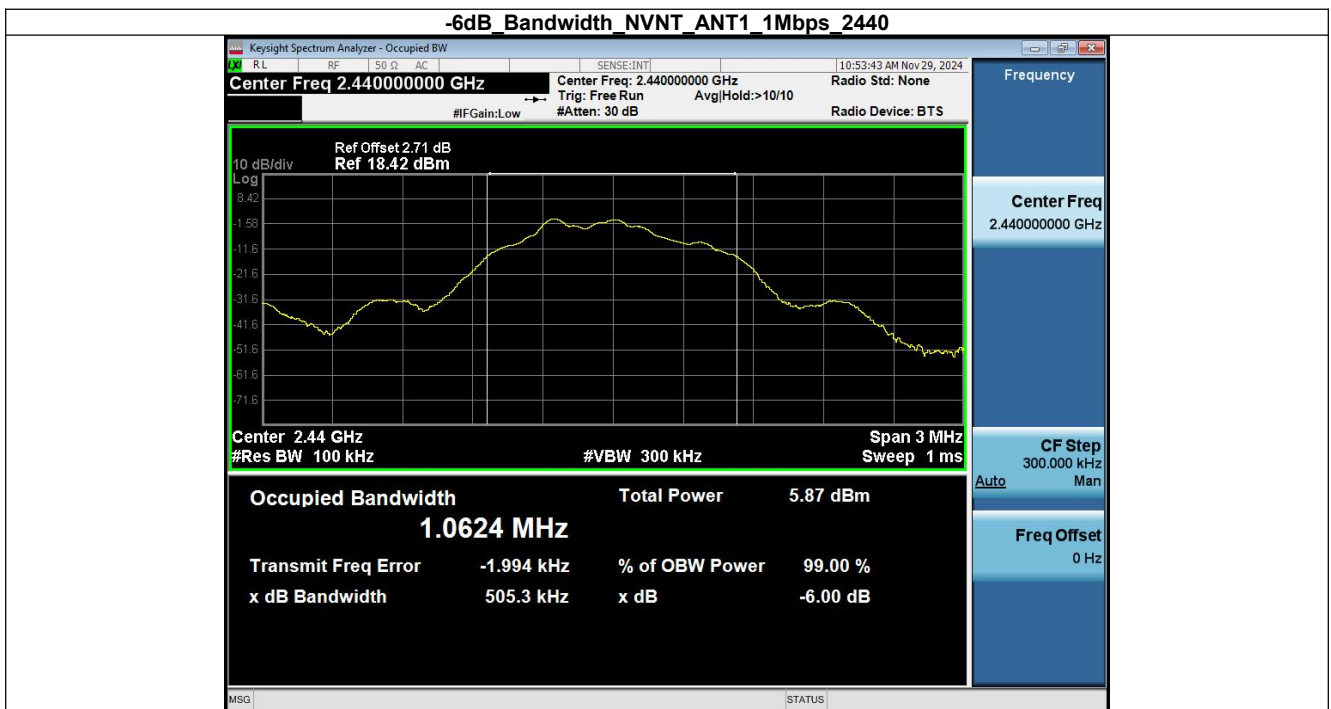
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# FCC ID&IC ID BLE-1

## FCC&IC\_BLE (Part15.247&RSS-247) Test Data

### 1. -6dB Bandwidth

| Condition | Antenna | Rate  | Frequency (MHz) | -6dB BW(kHz) | limit(kHz) | Result |
|-----------|---------|-------|-----------------|--------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 505.45       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 505.30       | 500        | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 505.68       | 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         | 1.019        |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 1.020        |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 1.020        |

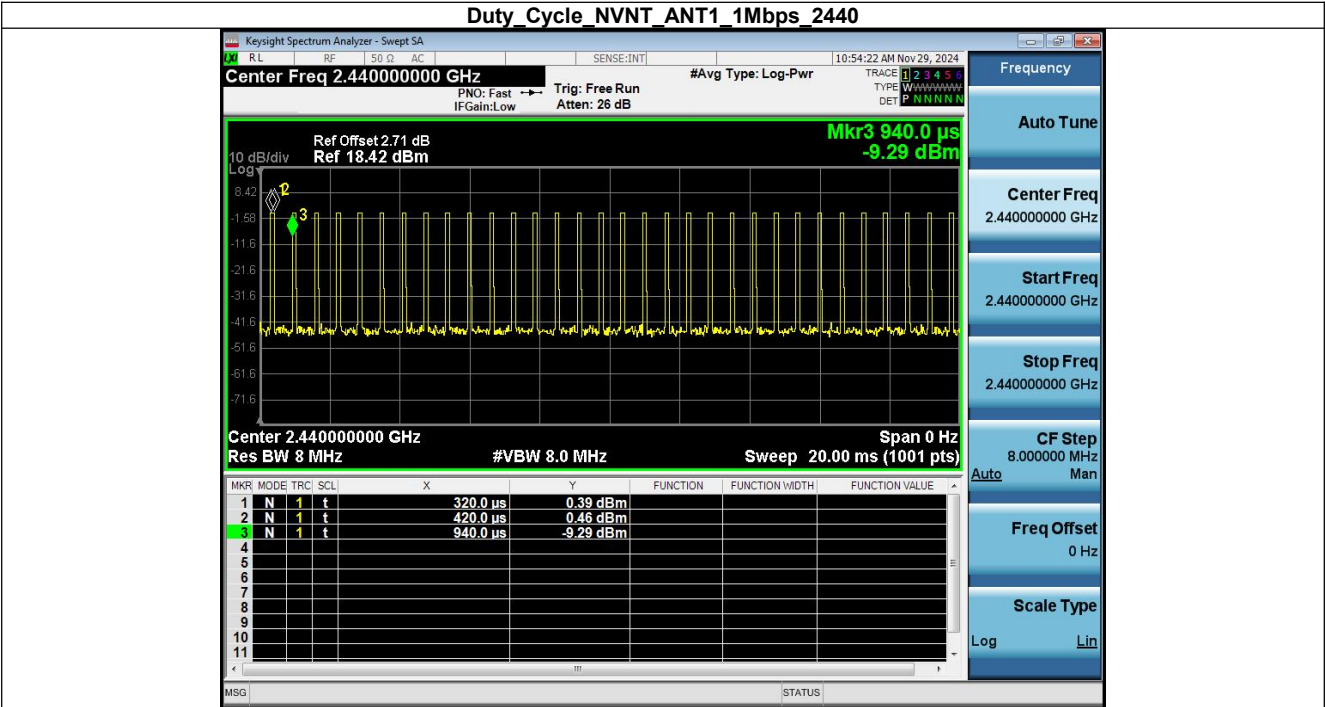
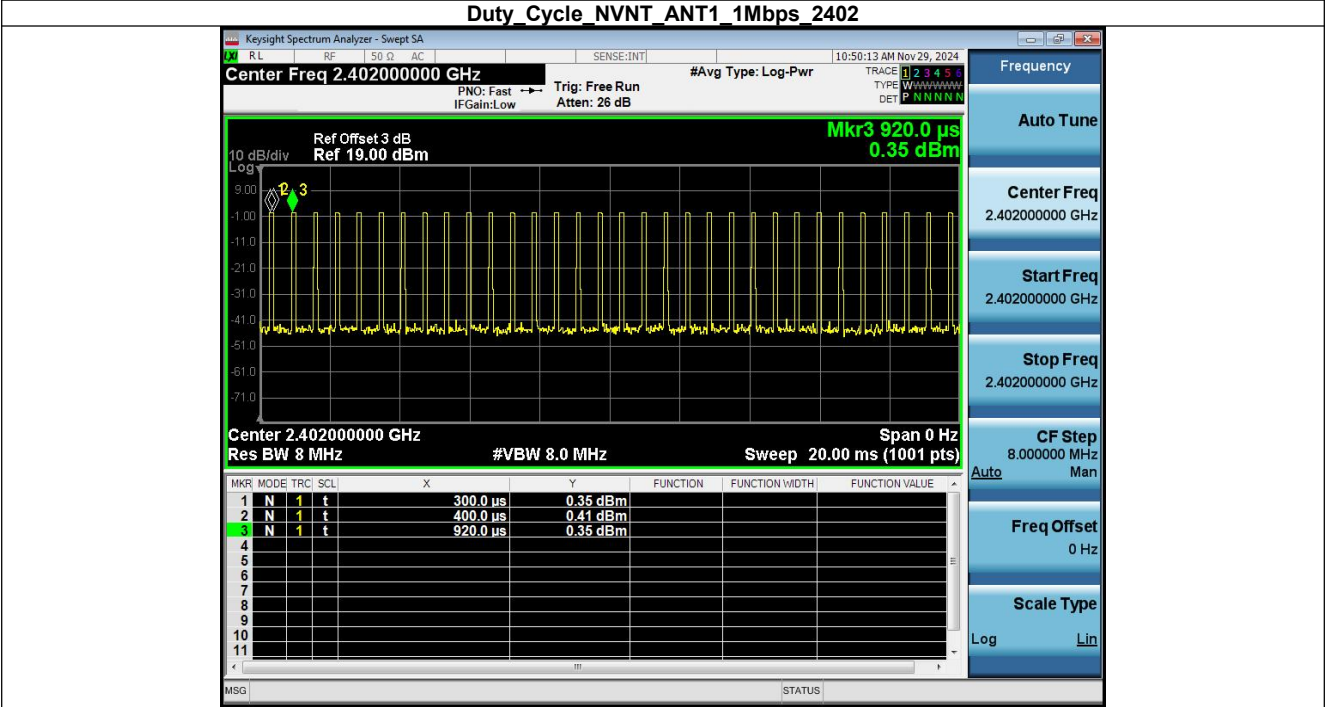


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

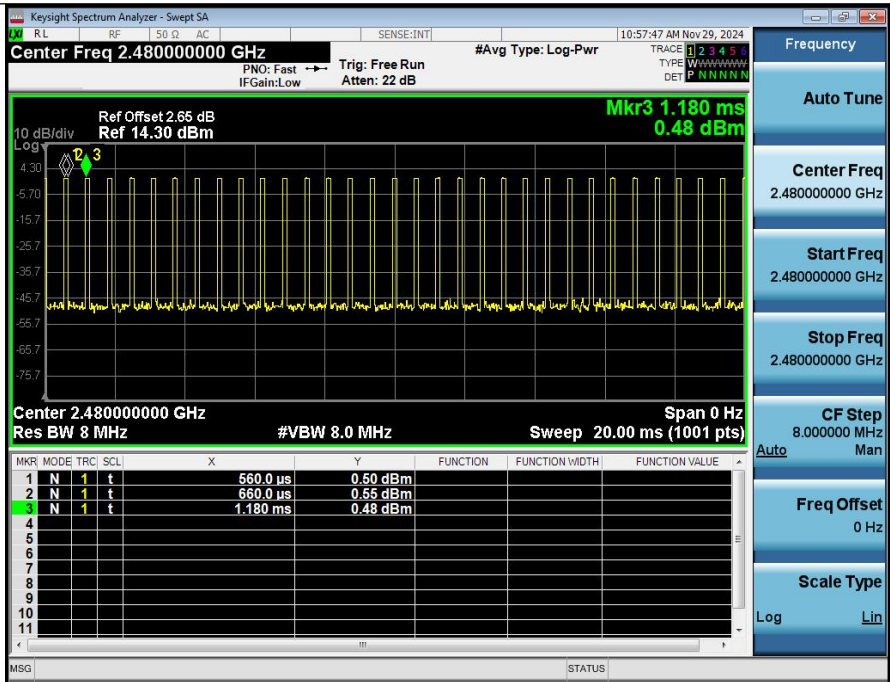


3. Duty Cycle

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

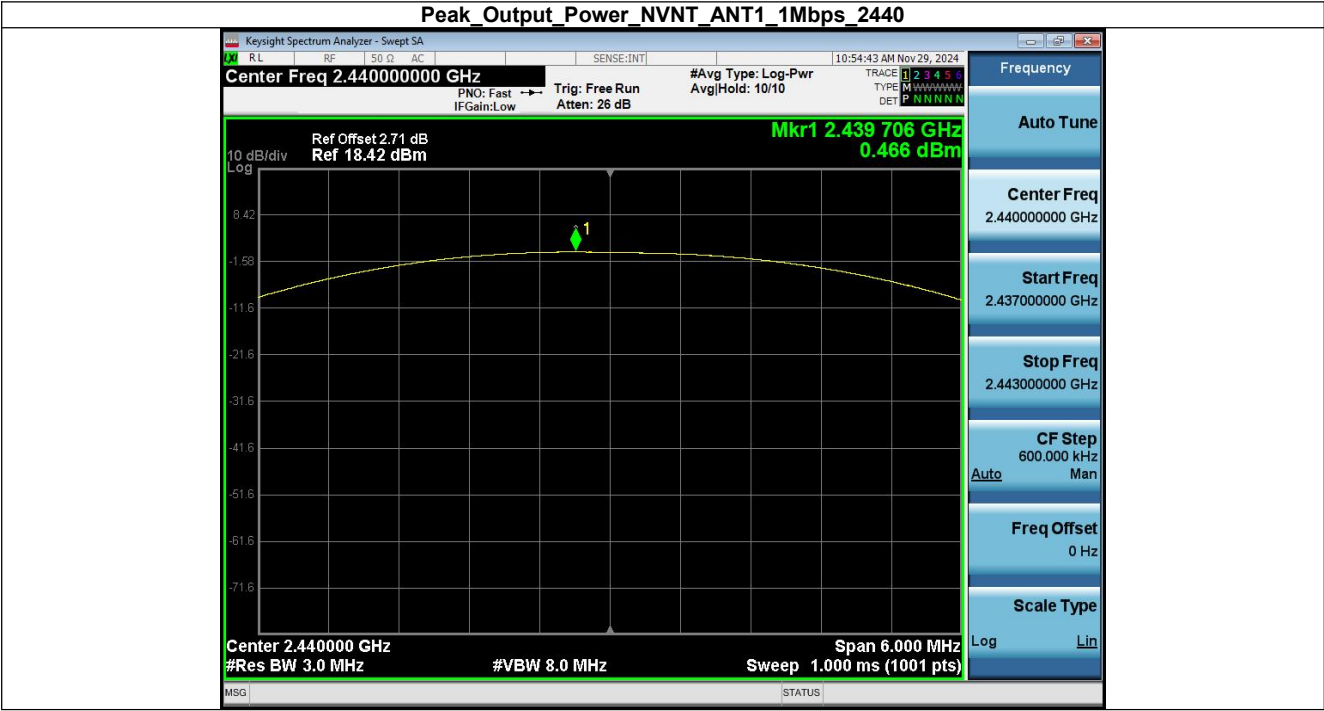
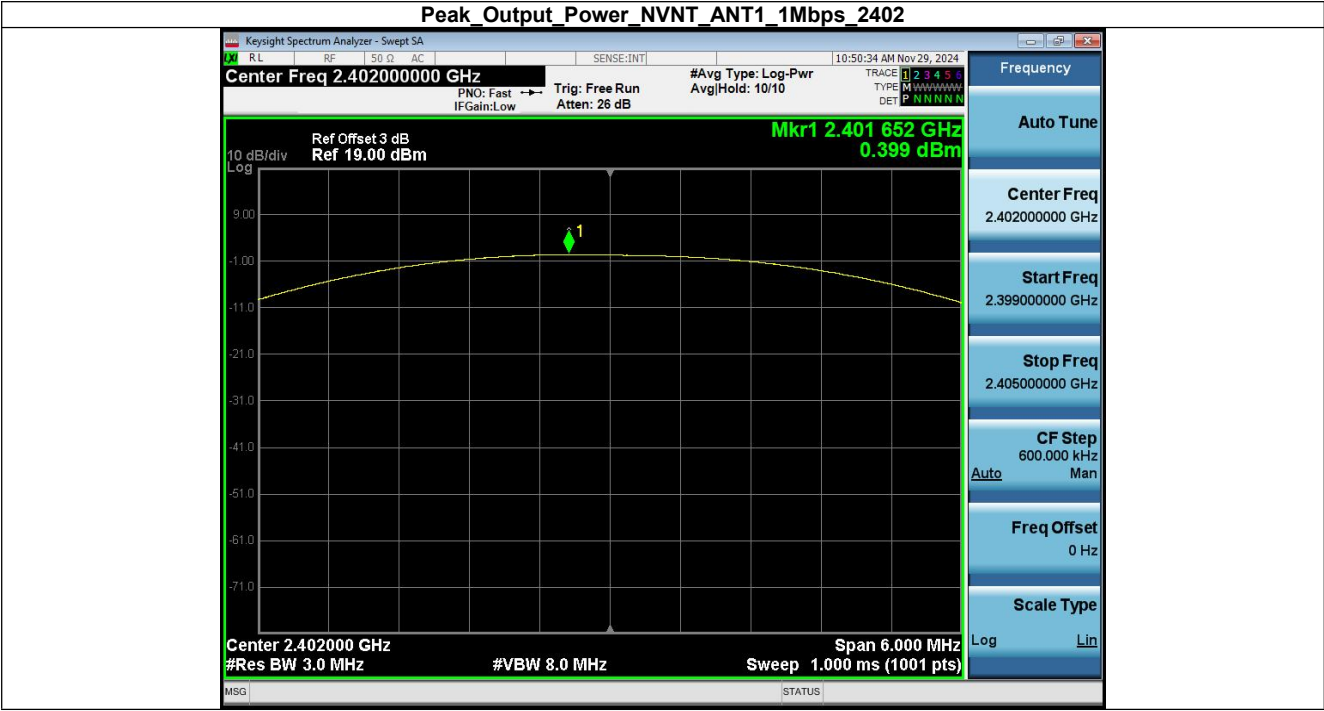


Duty Cycle\_NVNT\_ANT1\_1Mbps\_2480



4. Peak Output Power

| Condition | Antenna | Rate  | Frequency (MHz) | Max. Conducted Power(dBm) | Max. Conducted Power Limit (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP Limit((dBm) | Result |
|-----------|---------|-------|-----------------|---------------------------|----------------------------------|--------------------|------------|------------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | 0.40                      | 30                               | -2.112             | -1.712     | 36               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | 0.47                      | 30                               | -2.112             | -1.642     | 36               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | 0.56                      | 30                               | -2.112             | -1.552     | 36               | Pass   |



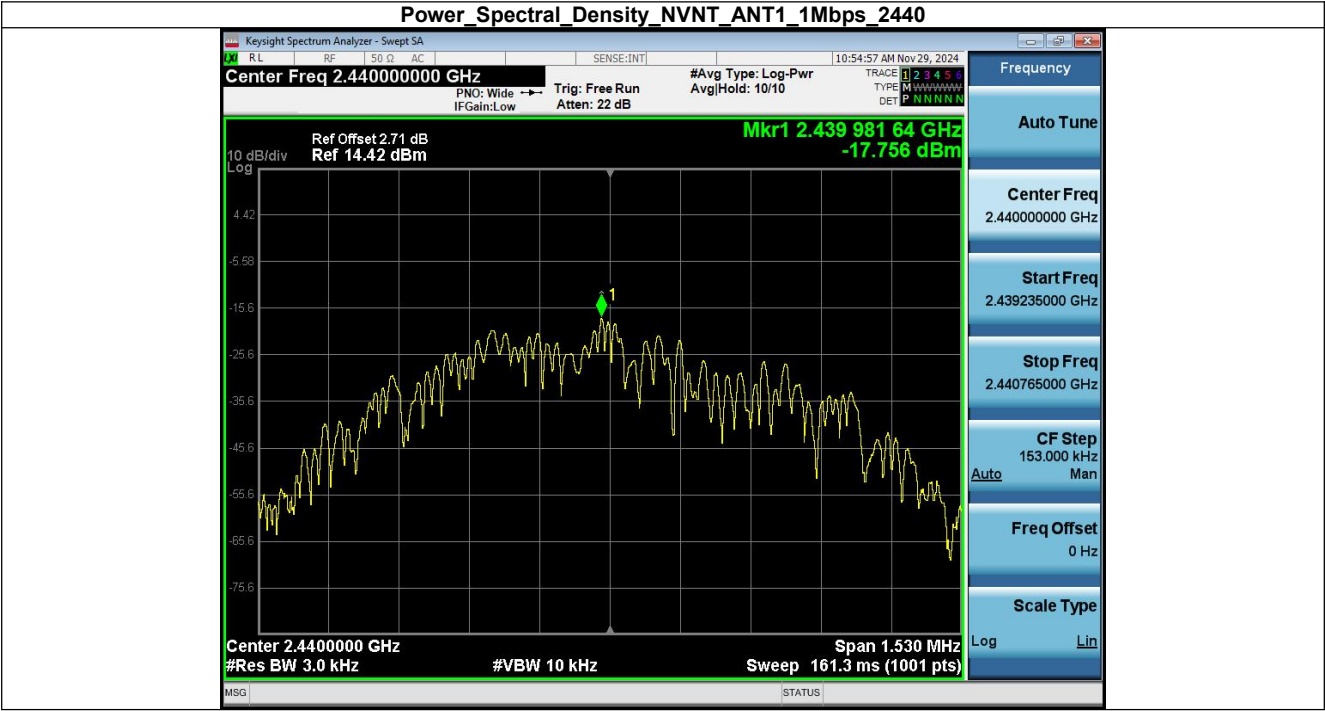
Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2480



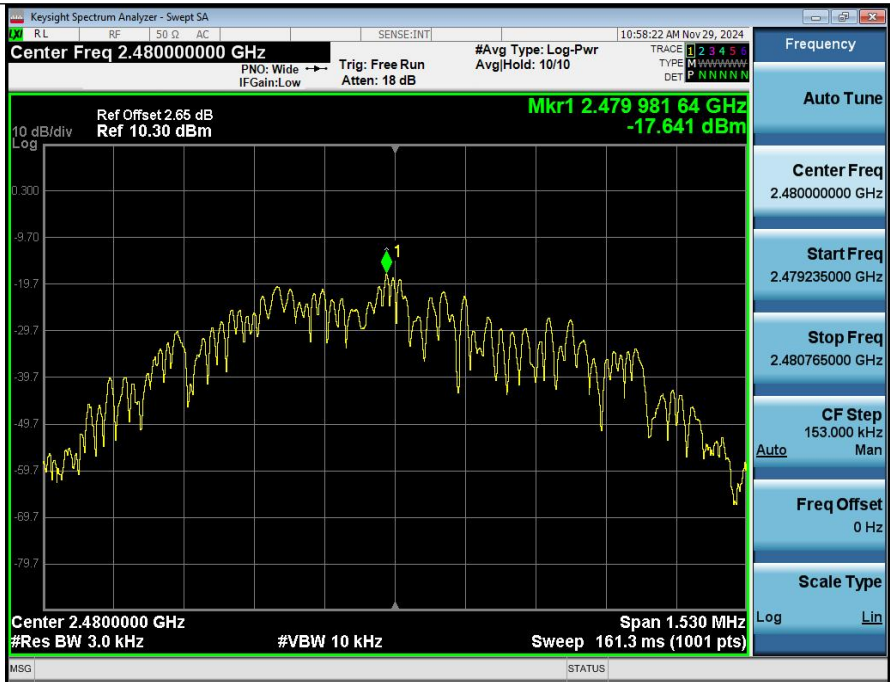


5. Power Spectral Density

| Condition | Antenna | Rate  | Frequency (MHz) | Power Spectral Density(dBm/3kHz) | Limit(dBm/3kHz) | Result |
|-----------|---------|-------|-----------------|----------------------------------|-----------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00         | -17.89                           | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00         | -17.76                           | 8               | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00         | -17.64                           | 8               | Pass   |

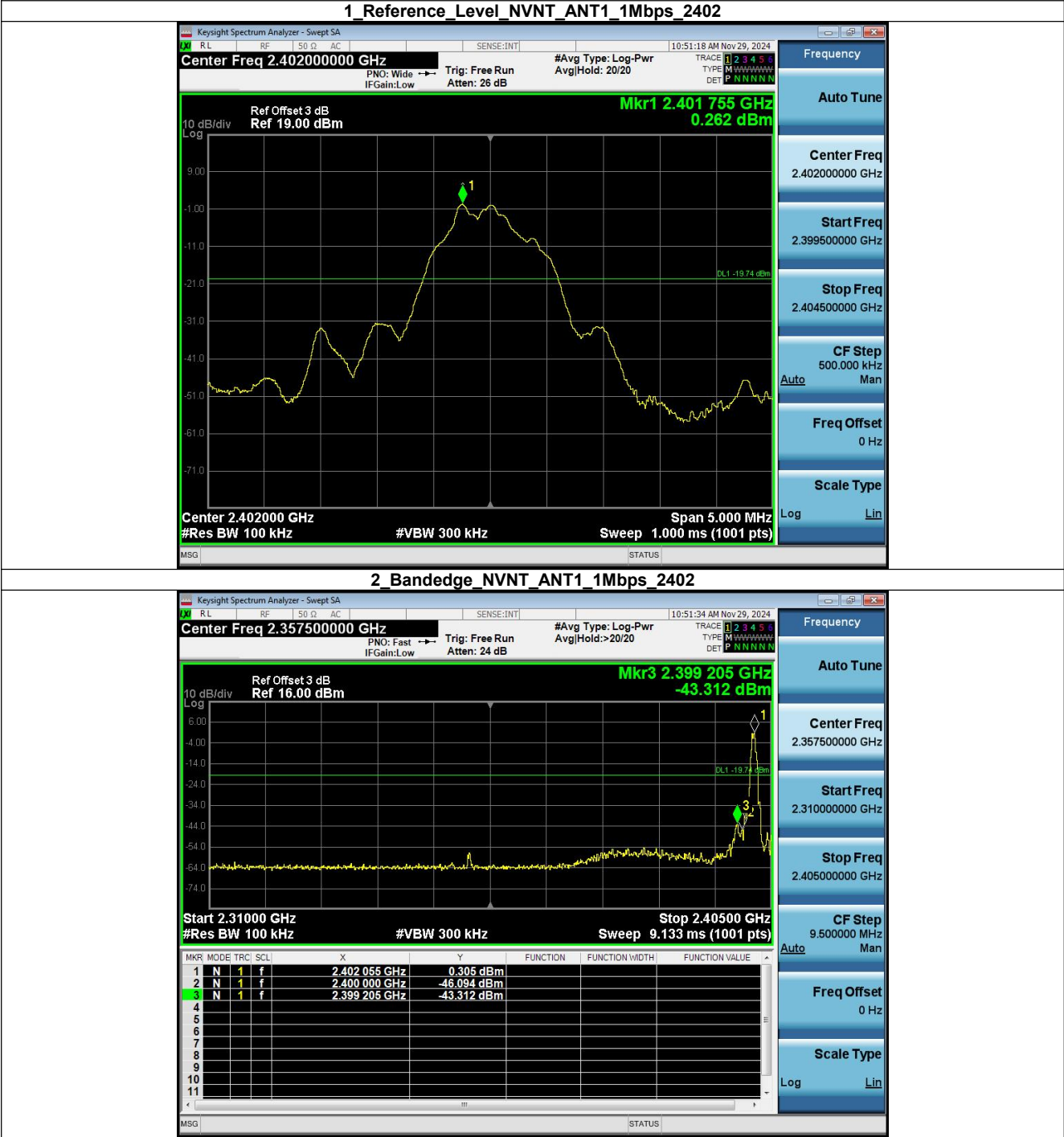


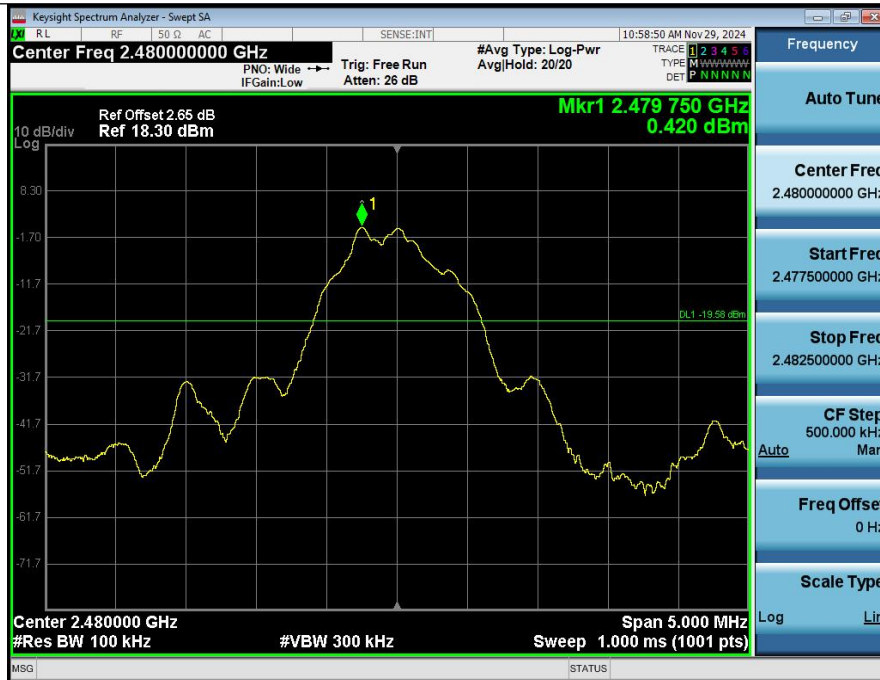
Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2480



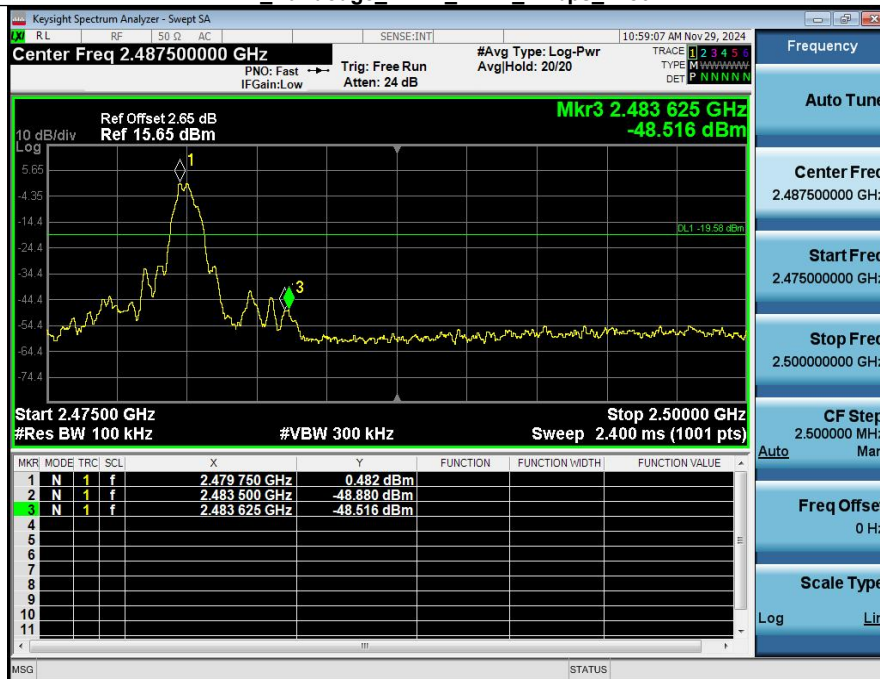
6. Bandedge

| Condition | Antenna | Rate  | TX_Frequency (MHz) | Max. Mark Frequency (MHz) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|-------|--------------------|---------------------------|---------------------|------------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00            | 2399.205                  | -43.312             | -19.738    | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00            | 2483.625                  | -48.516             | -19.580    | Pass   |



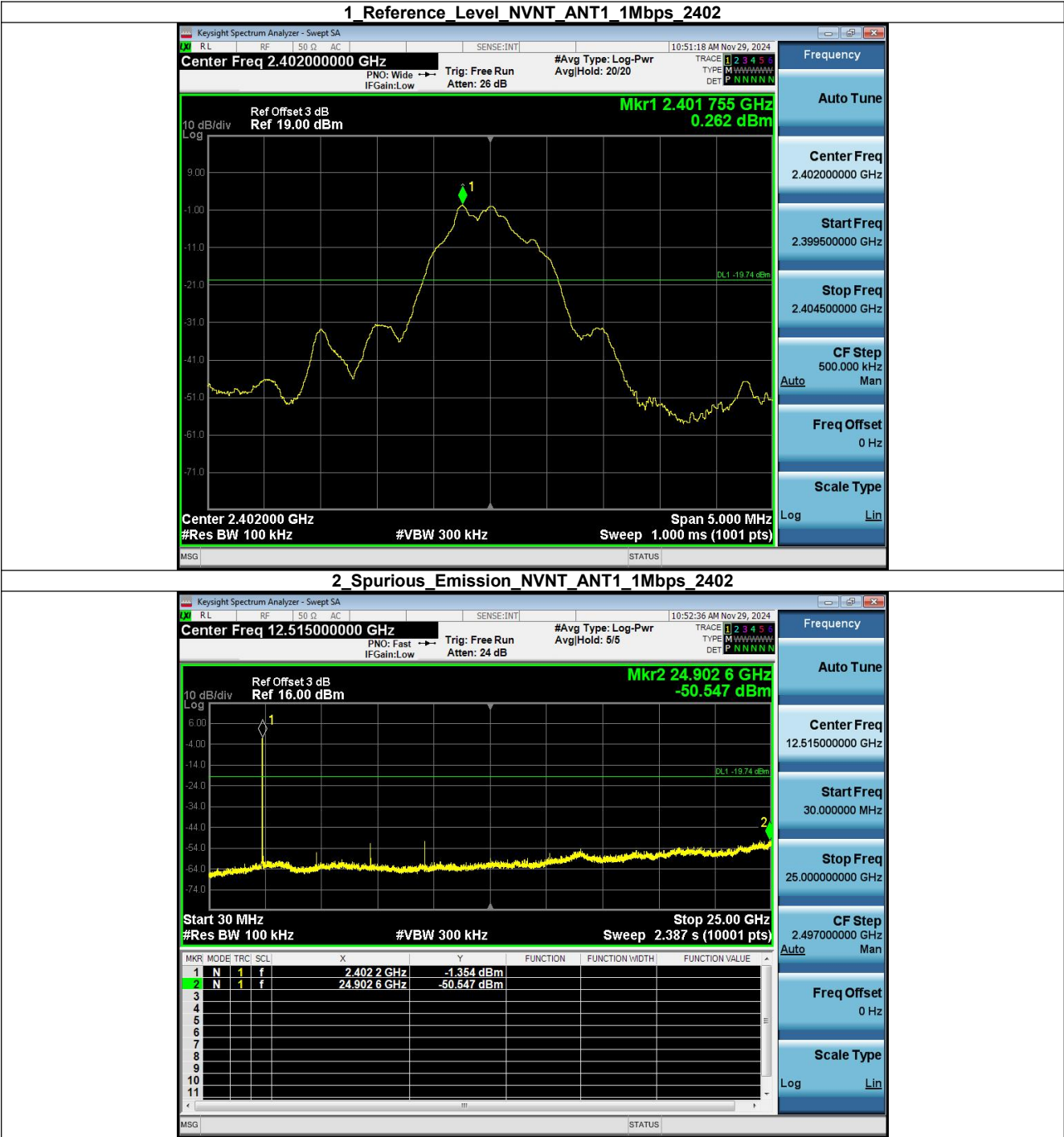


## 2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2480



7. Spurious Emission

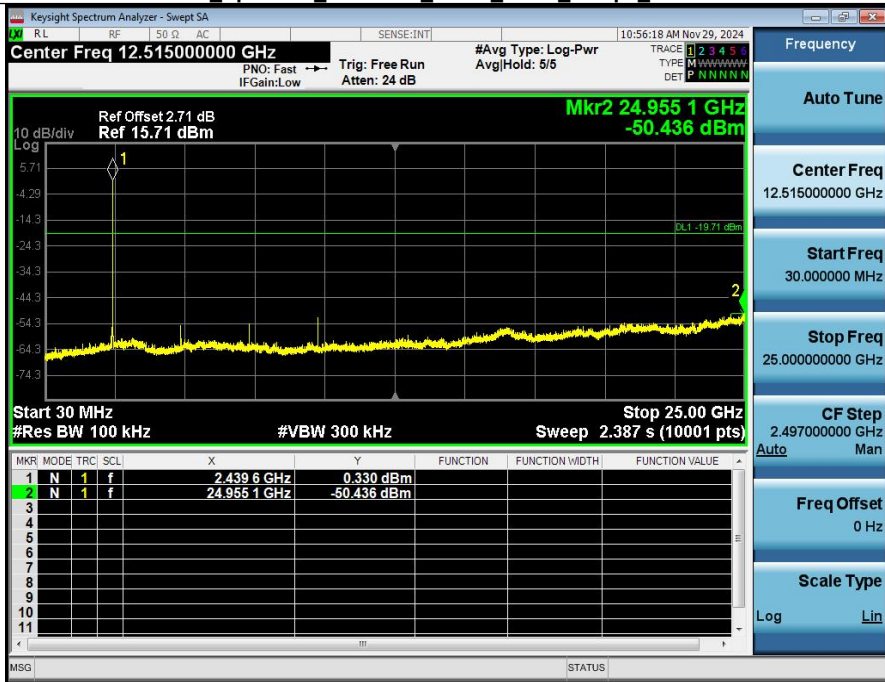
| Condition | Antenna | Rate  | TX_Frequency(MHz) | Spurious MAX.Value(dBm) | Limit   | Result |
|-----------|---------|-------|-------------------|-------------------------|---------|--------|
| NVNT      | ANT1    | 1Mbps | 2402.00           | -50.547                 | -19.738 | Pass   |
| NVNT      | ANT1    | 1Mbps | 2440.00           | -50.436                 | -19.706 | Pass   |
| NVNT      | ANT1    | 1Mbps | 2480.00           | -50.127                 | -19.580 | Pass   |



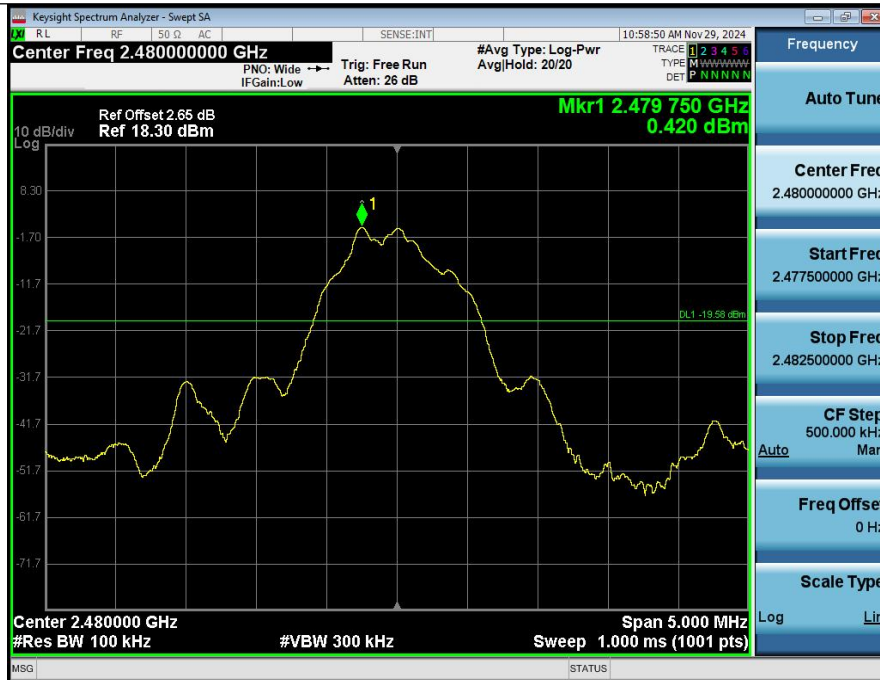




2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2440



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



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

