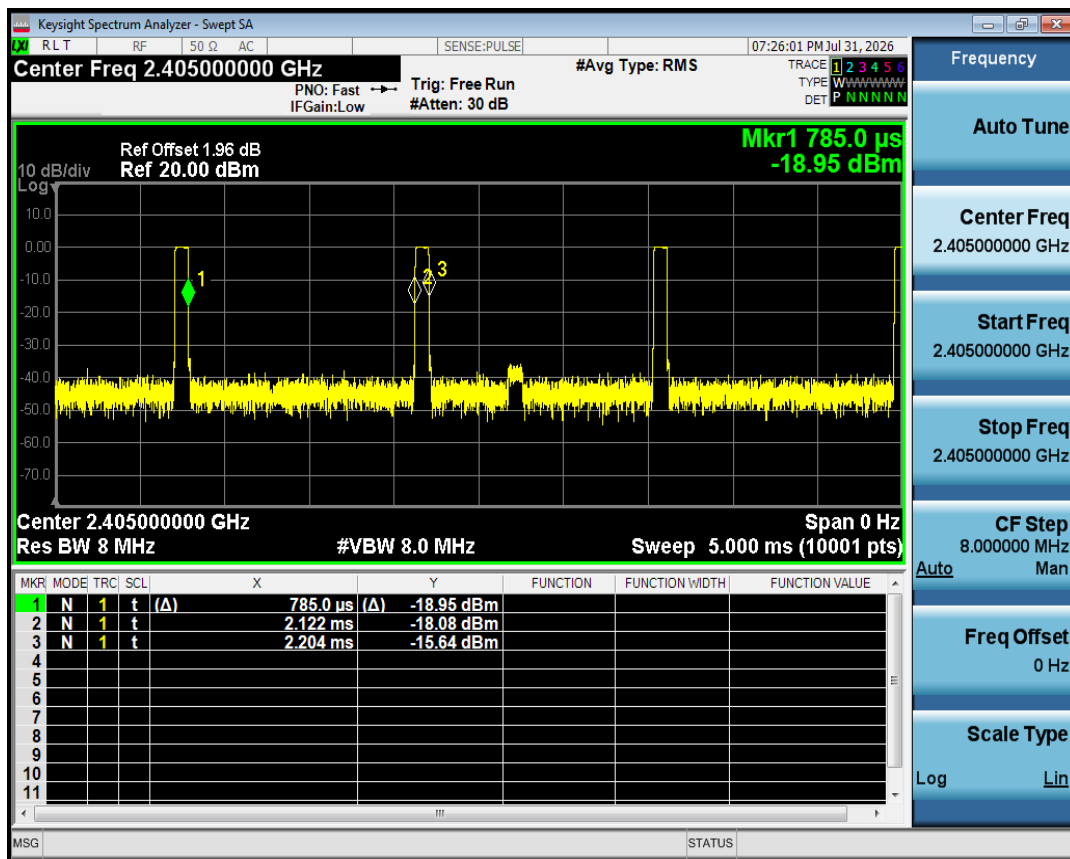


## RF Test Data

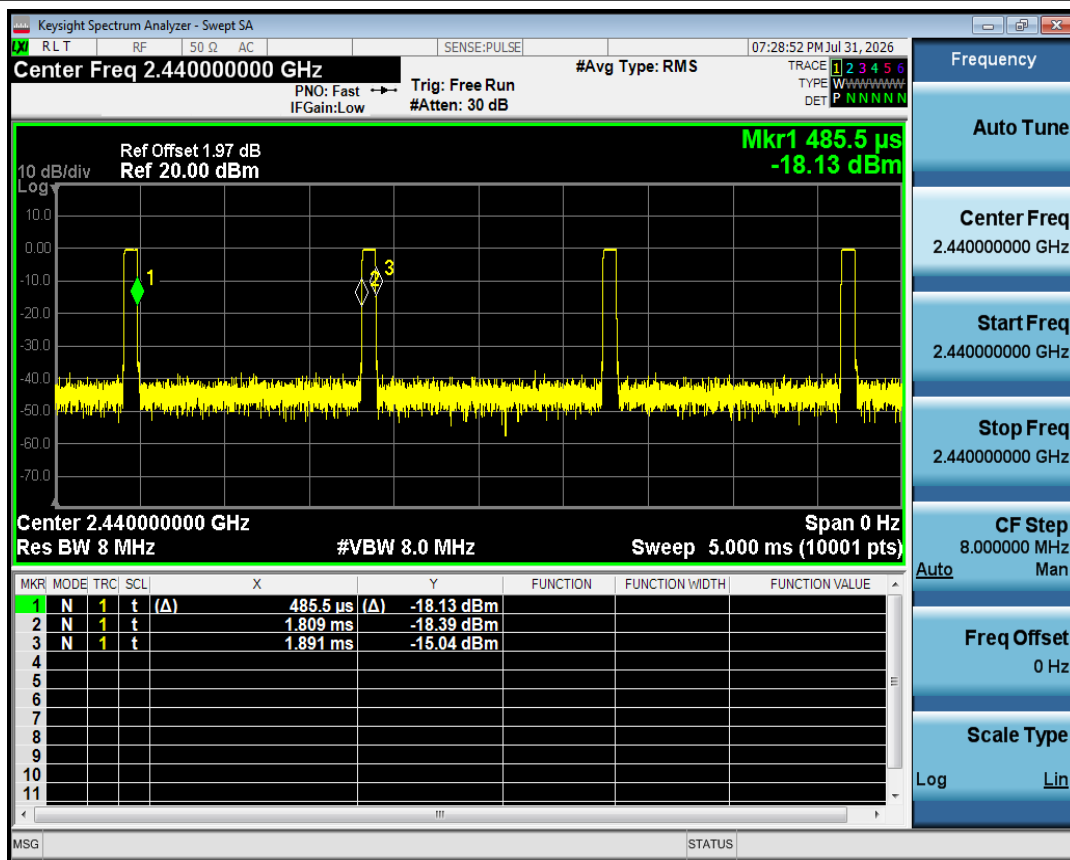
|                                            |    |
|--------------------------------------------|----|
| Duty Cycle .....                           | 2  |
| Maximum Peak Conducted Output Power .....  | 5  |
| -6dB Bandwidth .....                       | 8  |
| Occupied Channel Bandwidth .....           | 11 |
| Maximum Power Spectral Density Level ..... | 14 |
| Band Edge .....                            | 17 |
| Conducted RF Spurious Emission .....       | 20 |

## Duty Cycle

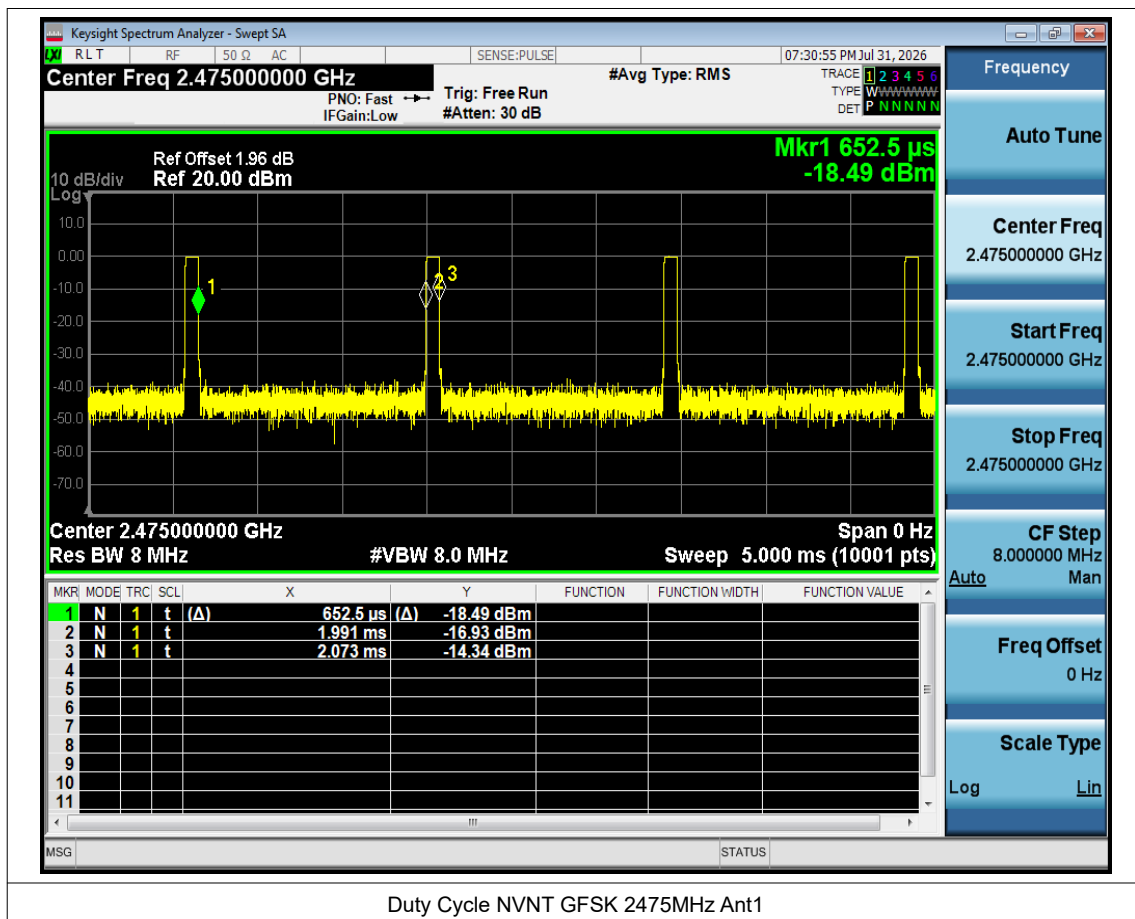
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | GFSK | 2405            | Ant1    | 5.78           | 12.38                  | 12.2      |
| NVNT      | GFSK | 2440            | Ant1    | 5.84           | 12.34                  | 12.2      |
| NVNT      | GFSK | 2475            | Ant1    | 5.77           | 12.38                  | 12.2      |



Duty Cycle NVNT GFSK 2405MHz Ant1

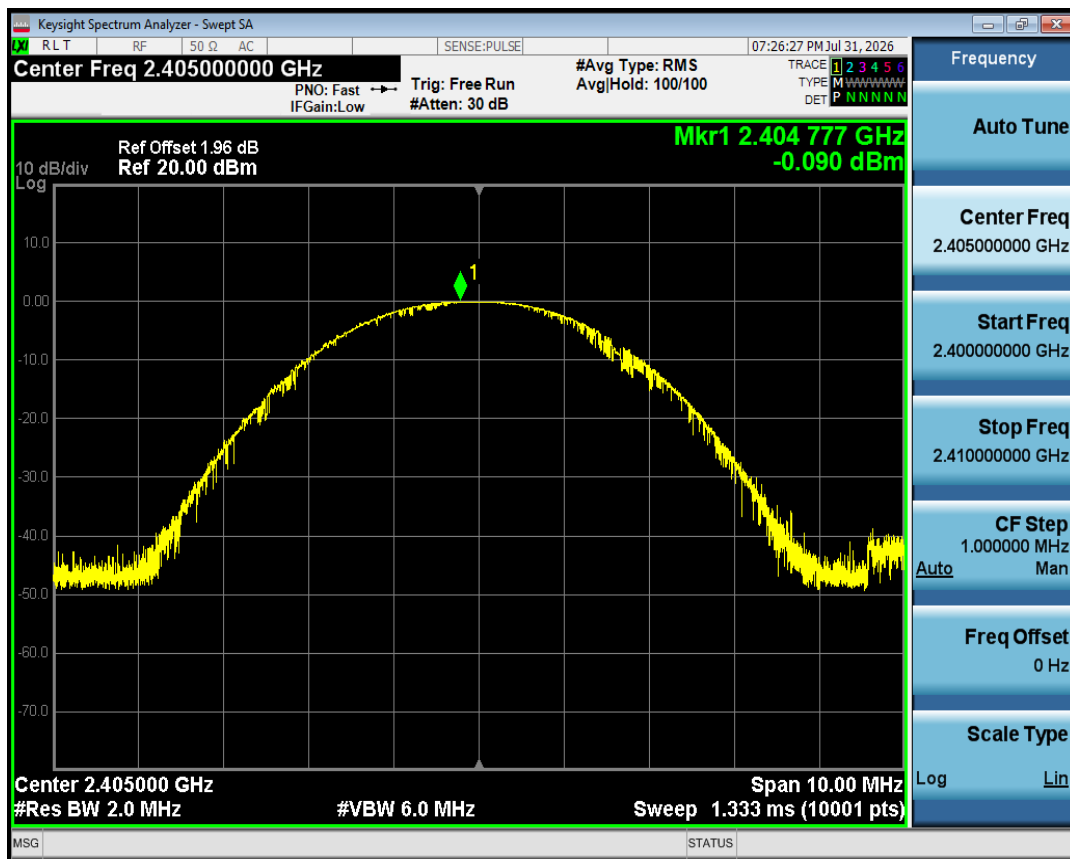


Duty Cycle NVNT GFSK 2440MHz Ant1

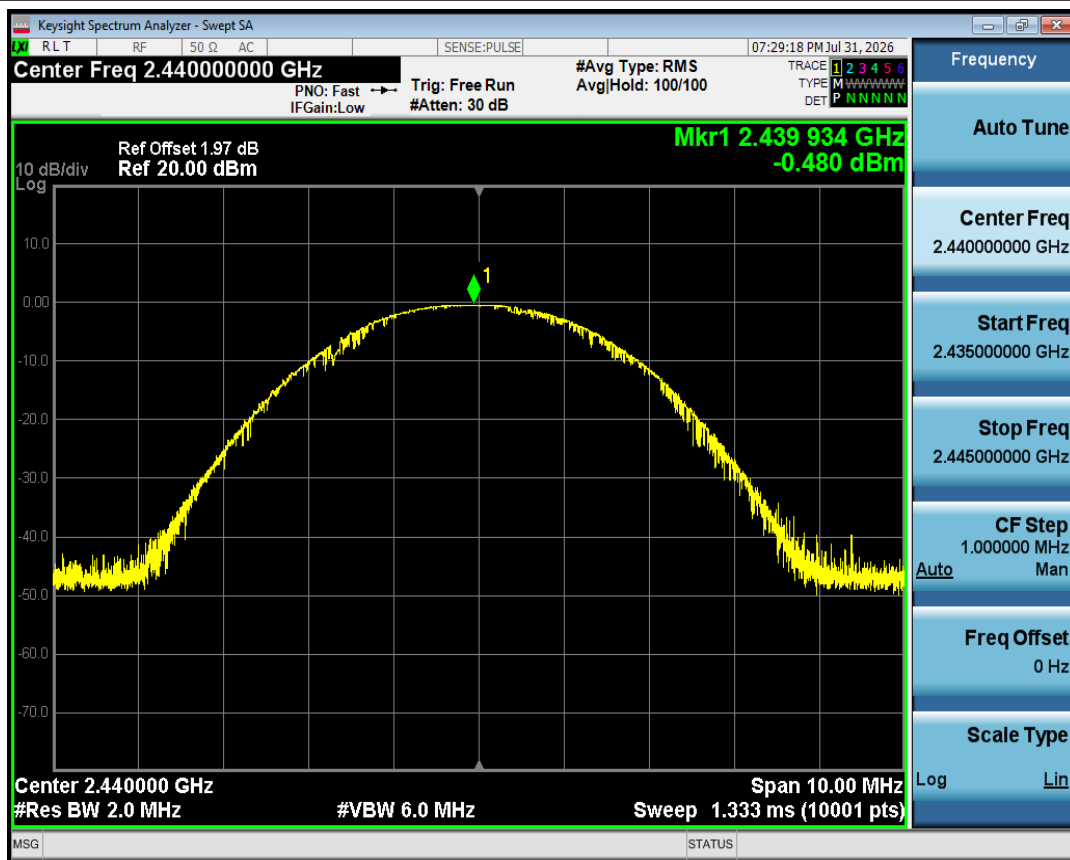


## Maximum Peak Conducted Output Power

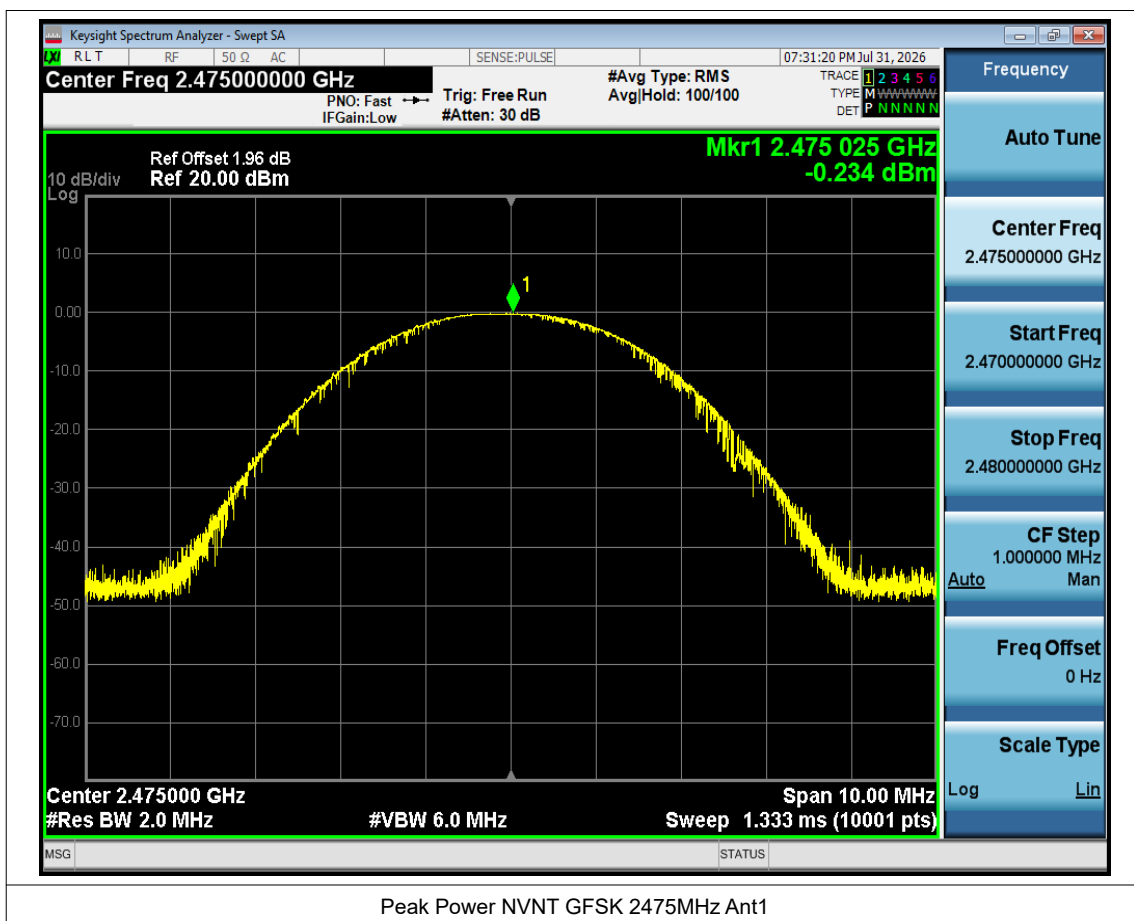
| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted<br>Power (dBm) | Conducted<br>Power (W) | Limit<br>Conducted(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|------------------------|-------------------------|---------|
| NVNT      | GFSK | 2405               | Ant1    | -0.09                    | 0.00098                | 30                      | Pass    |
| NVNT      | GFSK | 2440               | Ant1    | -0.48                    | 0.0009                 | 30                      | Pass    |
| NVNT      | GFSK | 2475               | Ant1    | -0.23                    | 0.00095                | 30                      | Pass    |



Peak Power NVNT GFSK 2405MHz Ant1



Peak Power NVNT GFSK 2440MHz Ant1



## -6dB Bandwidth

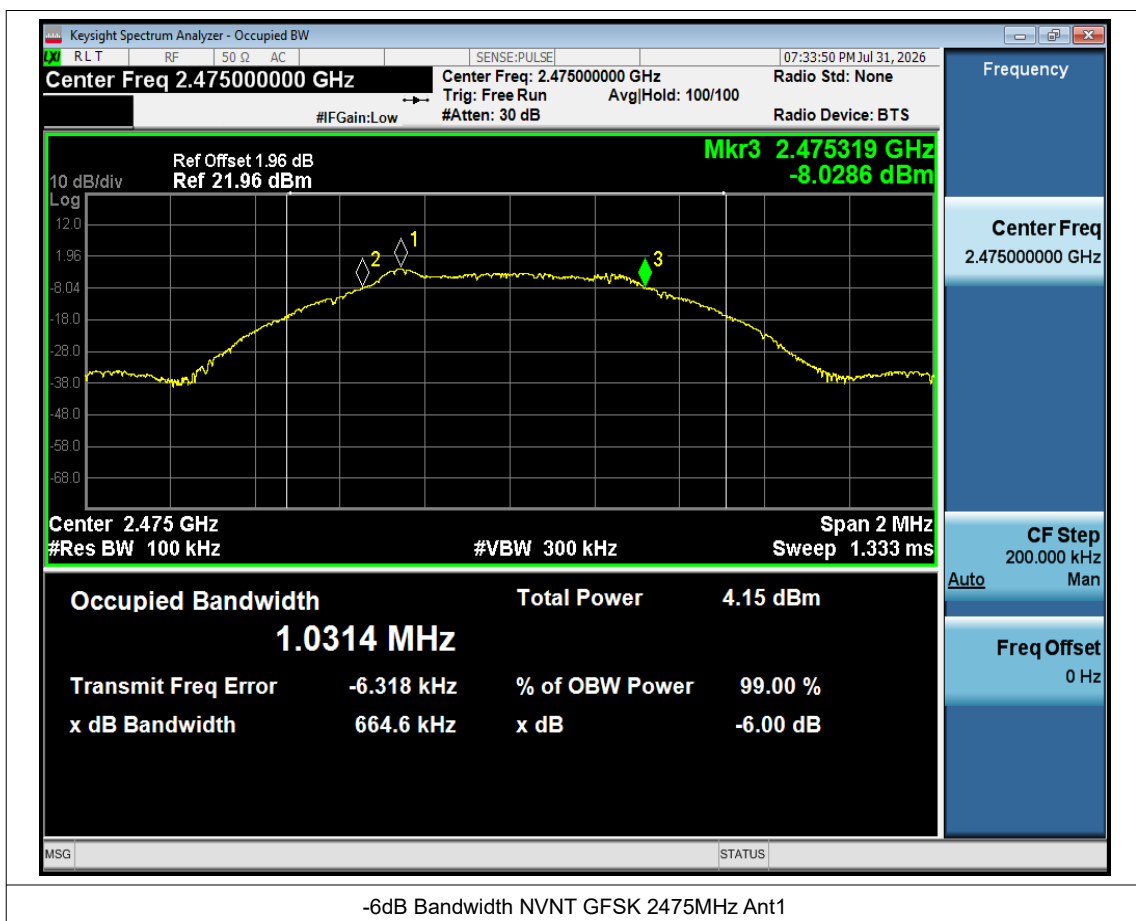
| Condition | Mode | Frequency<br>(MHz) | Antenna | -6 dB Bandwidth<br>(MHz) | Limit -6 dB Bandwidth<br>(MHz) | Verdict |
|-----------|------|--------------------|---------|--------------------------|--------------------------------|---------|
| NVNT      | GFSK | 2405               | Ant1    | 0.6633                   | 0.5                            | Pass    |
| NVNT      | GFSK | 2440               | Ant1    | 0.6558                   | 0.5                            | Pass    |
| NVNT      | GFSK | 2475               | Ant1    | 0.6646                   | 0.5                            | Pass    |



-6dB Bandwidth NVNT GFSK 2405MHz Ant1



-6dB Bandwidth NVNT GFSK 2440MHz Ant1



## Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | GFSK | 2405            | Ant1    | 0.98723       |
| NVNT      | GFSK | 2440            | Ant1    | 0.96723       |
| NVNT      | GFSK | 2475            | Ant1    | 0.96276       |



OBW NVNT GFSK 2405MHz Ant1



OBW NVNT GFSK 2440MHz Ant1



## Maximum Power Spectral Density Level

| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted PSD<br>(dBm/3kHz) | Limit<br>(dBm/3kHz) | Verdict |
|-----------|------|--------------------|---------|-----------------------------|---------------------|---------|
| NVNT      | GFSK | 2405               | Ant1    | -14.84                      | 8                   | Pass    |
| NVNT      | GFSK | 2440               | Ant1    | -15.27                      | 8                   | Pass    |
| NVNT      | GFSK | 2475               | Ant1    | -15.01                      | 8                   | Pass    |



PSD NVNT GFSK 2405MHz Ant1



PSD NVNT GFSK 2440MHz Ant1

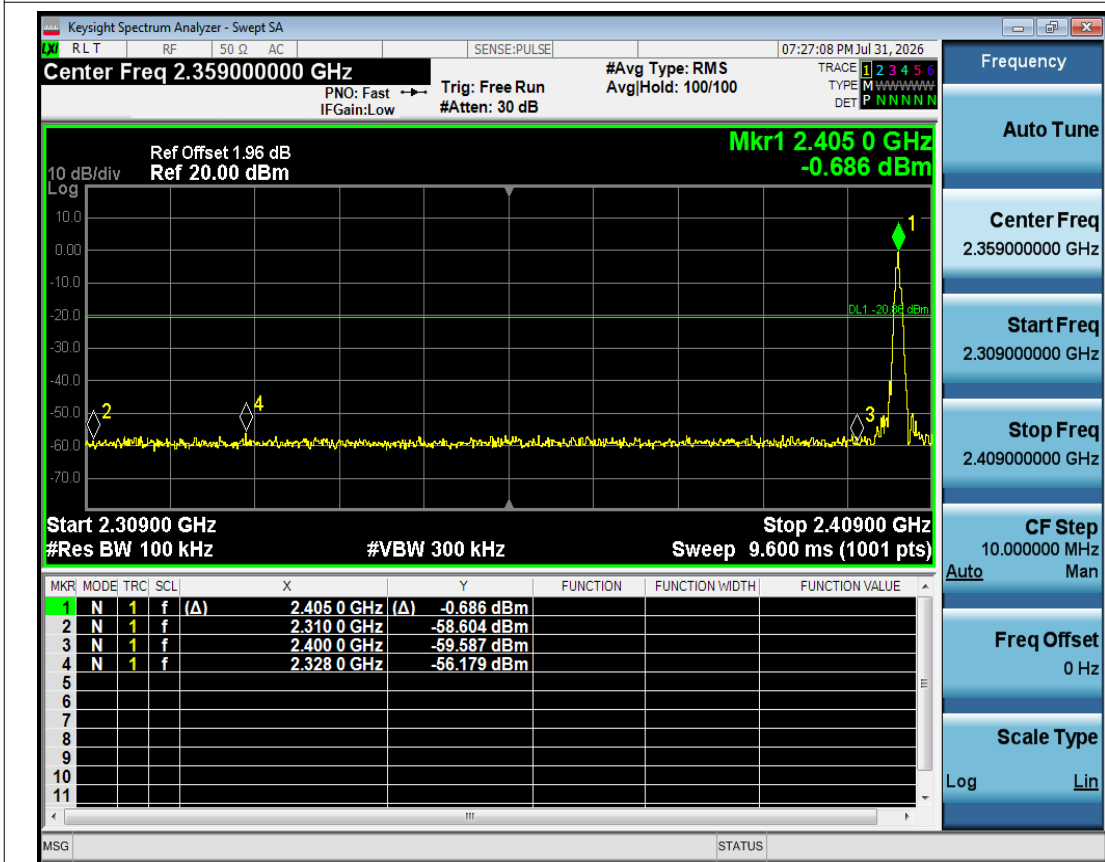


## Band Edge

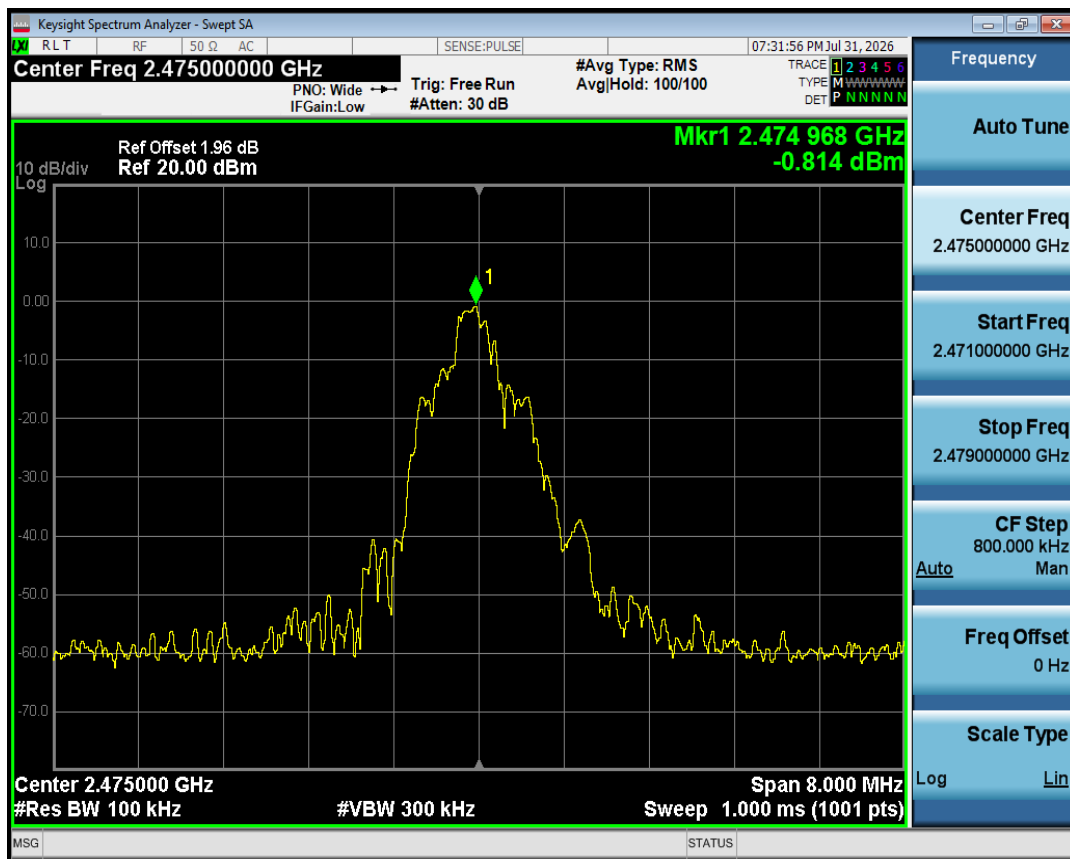
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | GFSK | 2405            | Ant1    | -55.31          | -20         | Pass    |
| NVNT      | GFSK | 2475            | Ant1    | -55.93          | -20         | Pass    |



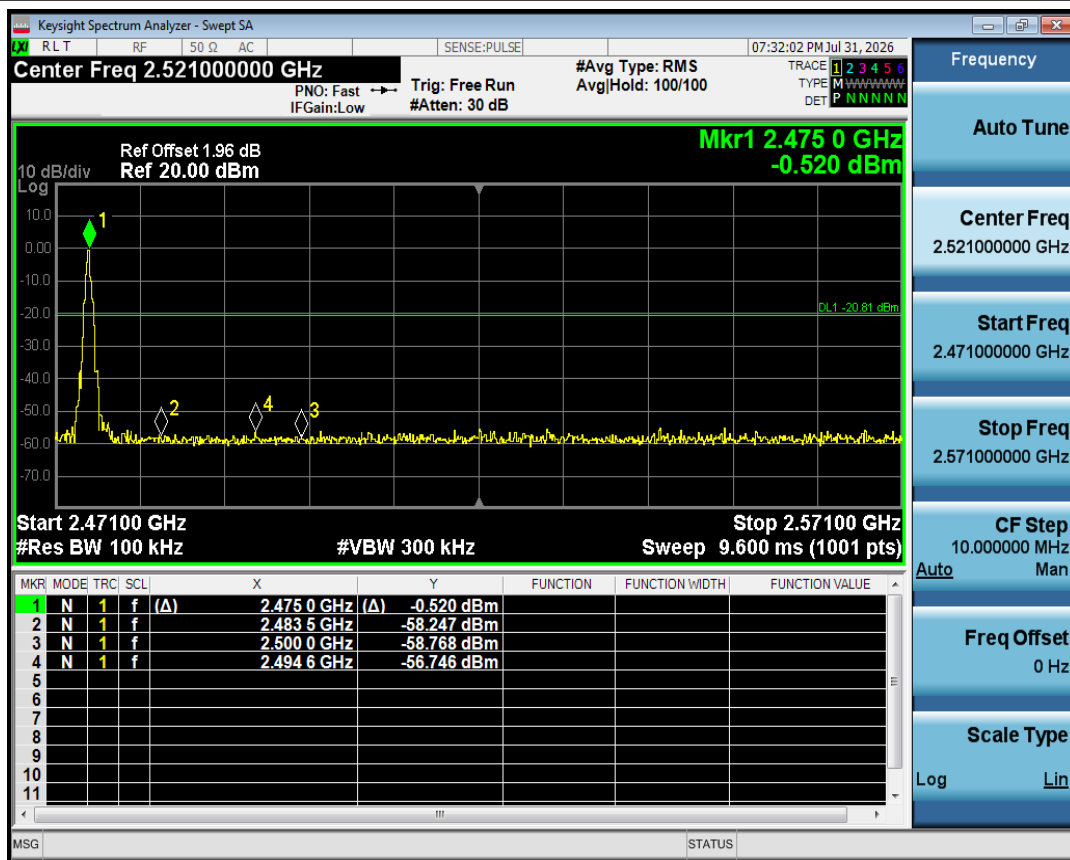
Band Edge NVNT GFSK 2405MHz Ant1 Ref



Band Edge NVNT GFSK 2405MHz Ant1 Emission



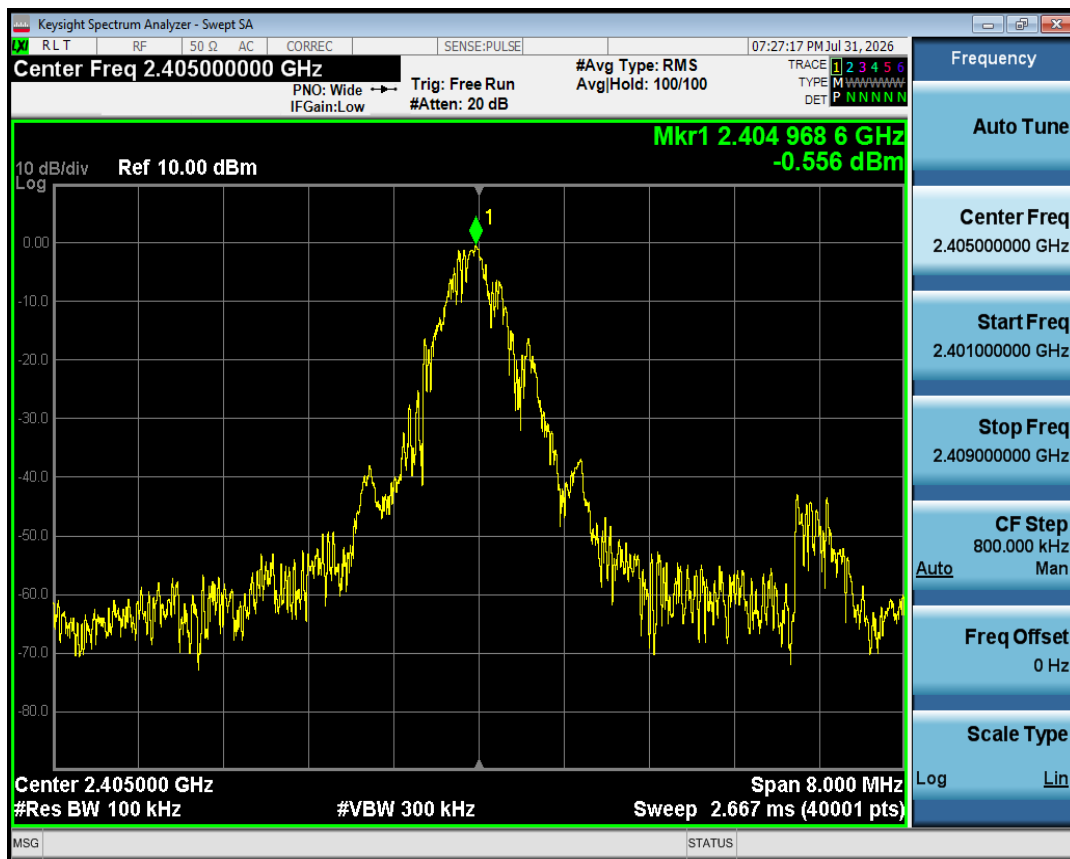
Band Edge NVNT GFSK 2475MHz Ant1 Ref



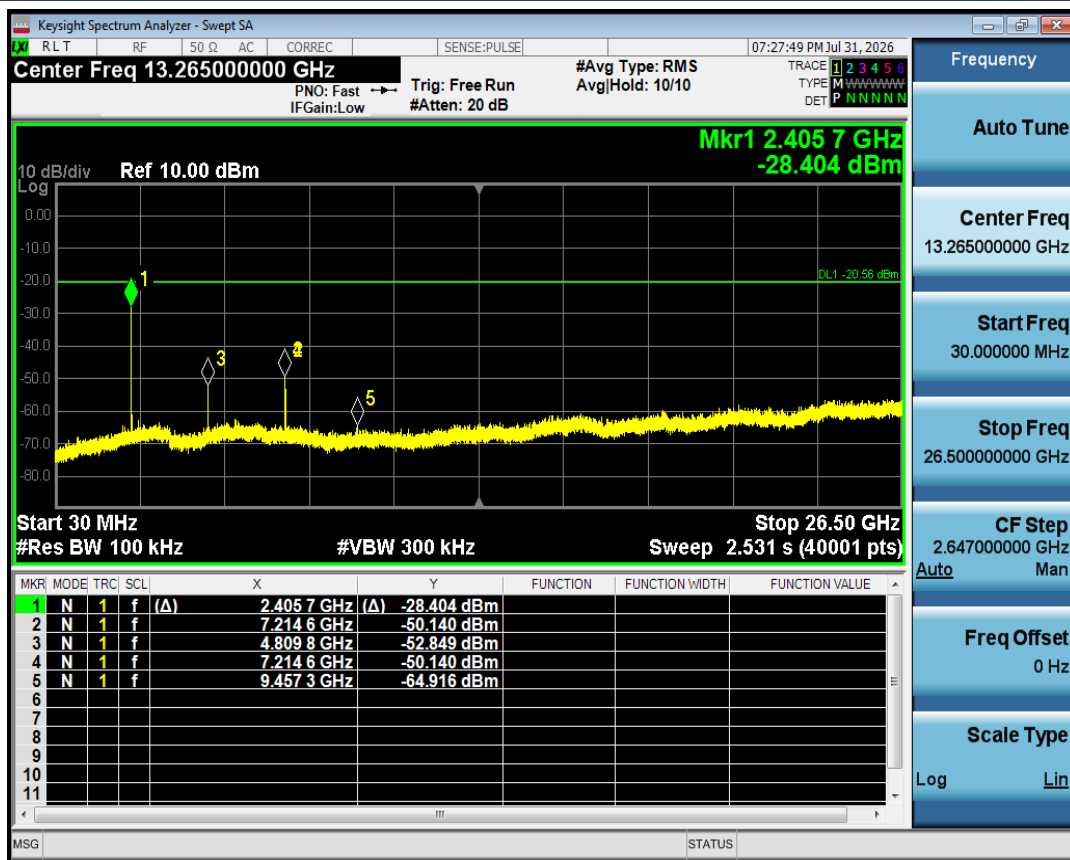
Band Edge NVNT GFSK 2475MHz Ant1 Emission

## Conducted RF Spurious Emission

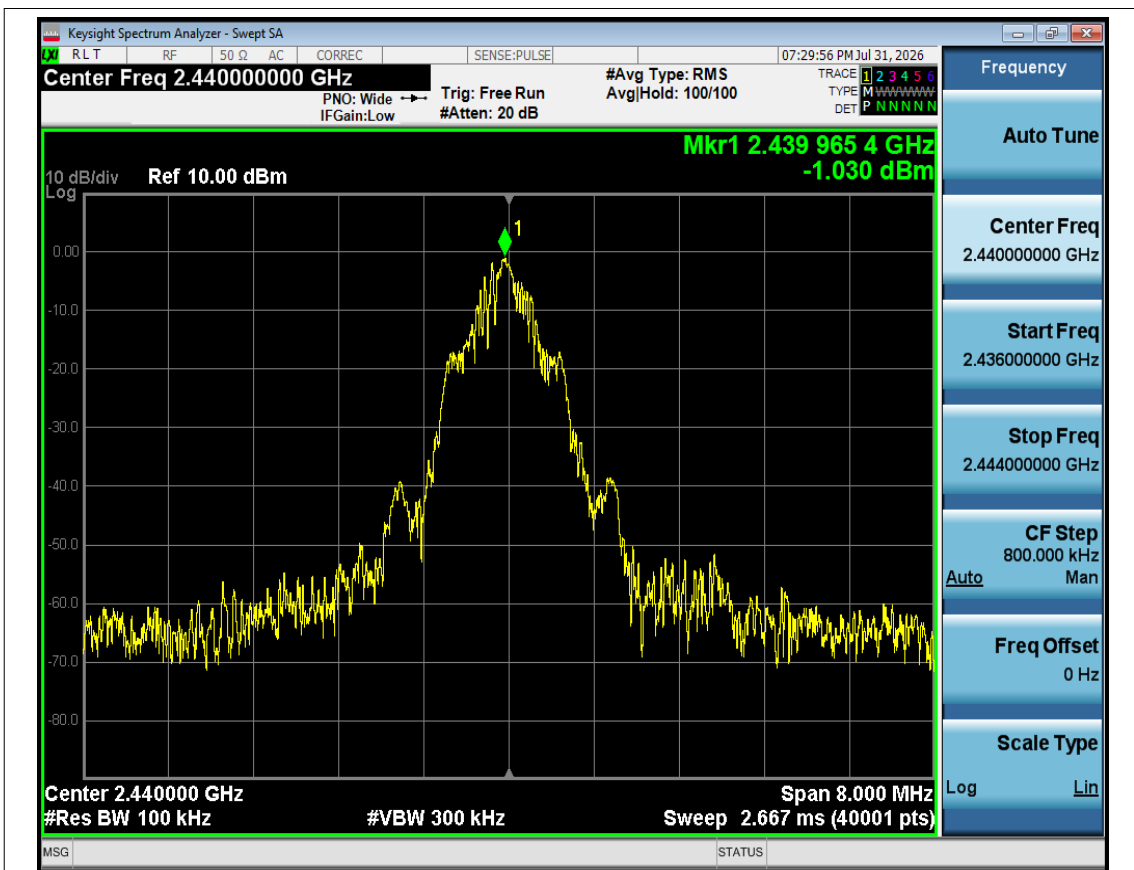
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | GFSK | 2405            | Ant1    | -49.58          | -20         | Pass    |
| NVNT      | GFSK | 2440            | Ant1    | -44.16          | -20         | Pass    |
| NVNT      | GFSK | 2475            | Ant1    | -44.89          | -20         | Pass    |



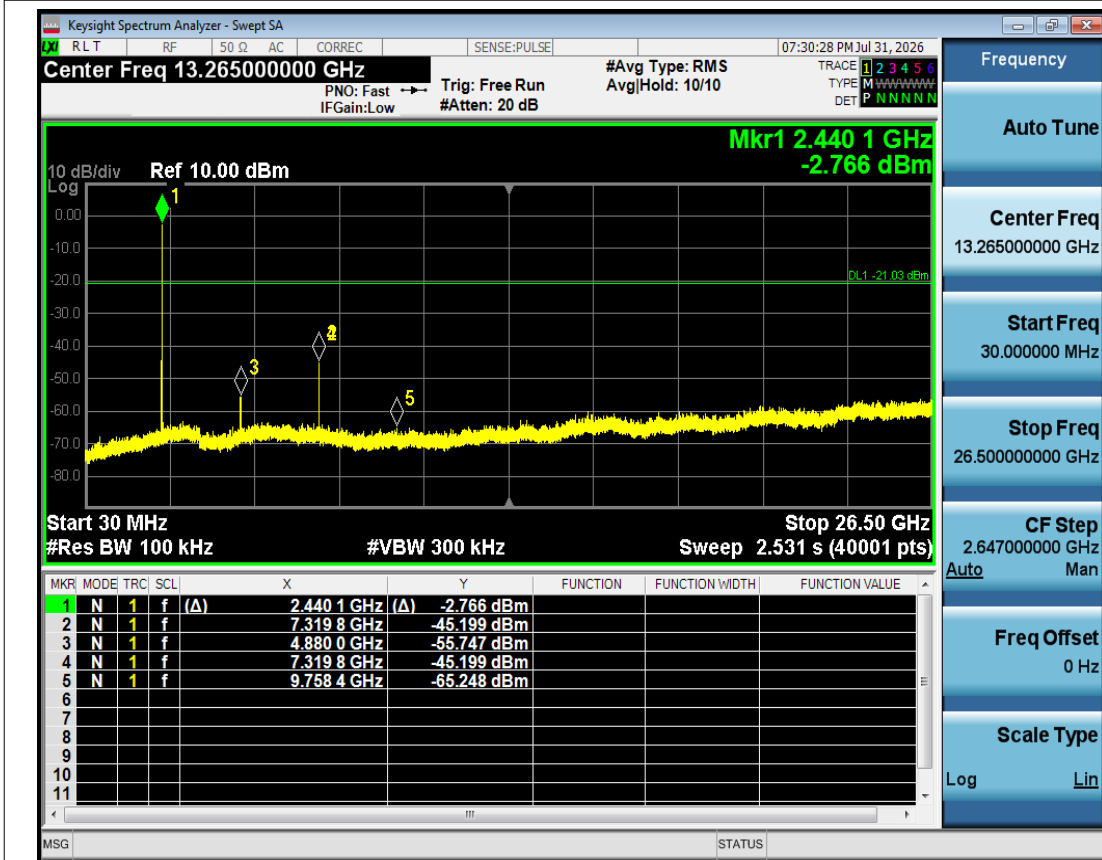
Tx. Spurious NVNT GFSK 2405MHz Ant1 Ref



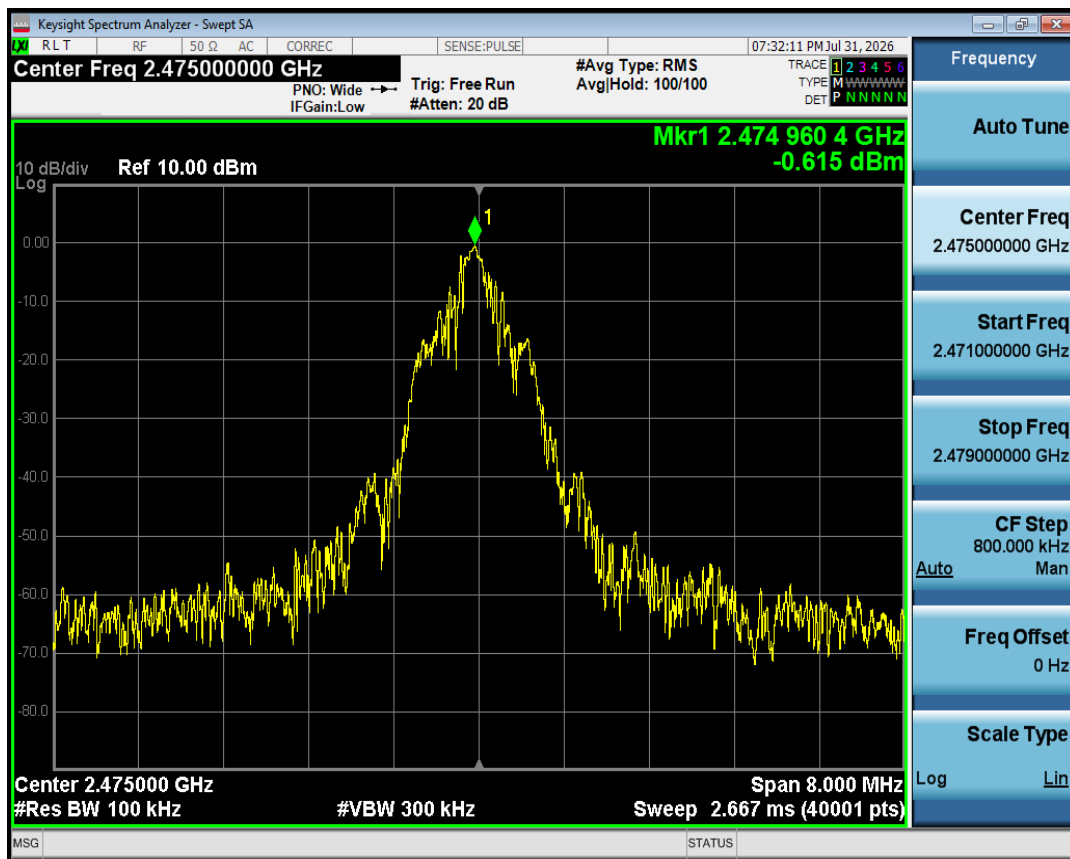
Tx. Spurious NVNT GFSK 2405MHz Ant1 Emission



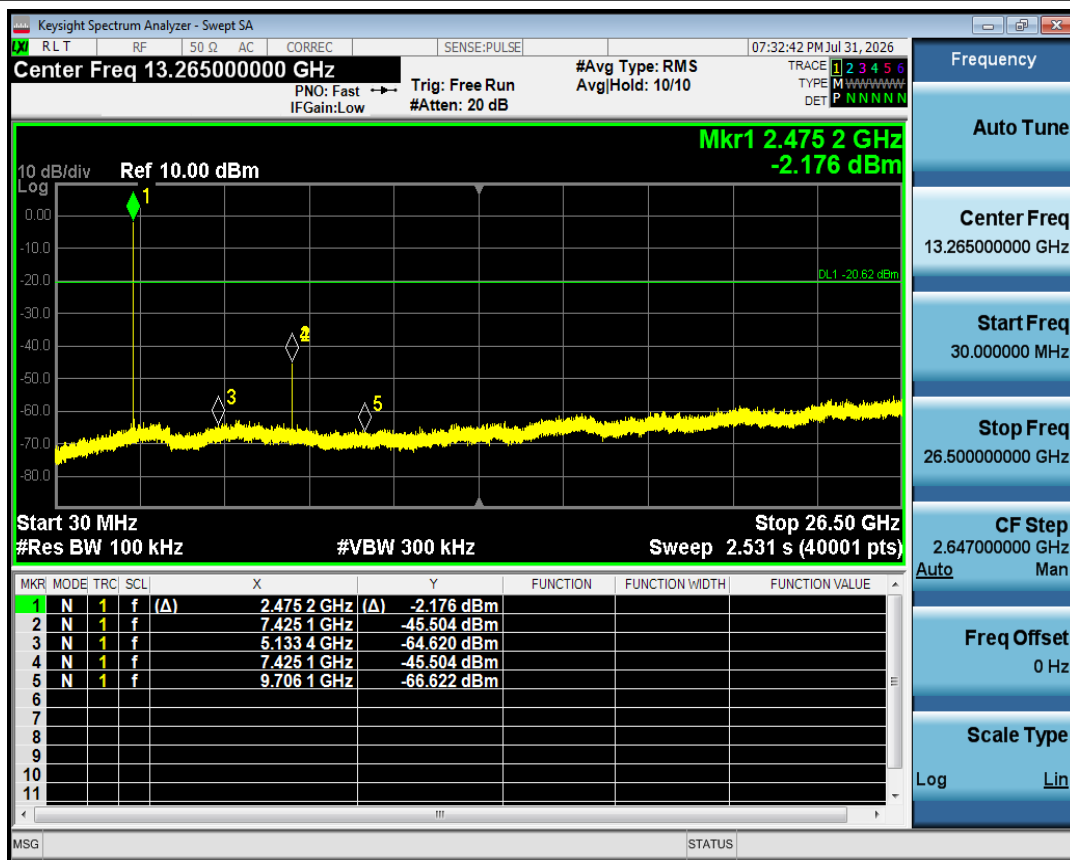
Tx. Spurious NVNT GFSK 2440MHz Ant1 Ref



Tx. Spurious NVNT GFSK 2440MHz Ant1 Emission



Tx. Spurious NVNT GFSK 2475MHz Ant1 Ref



Tx. Spurious NVNT GFSK 2475MHz Ant1 Emission