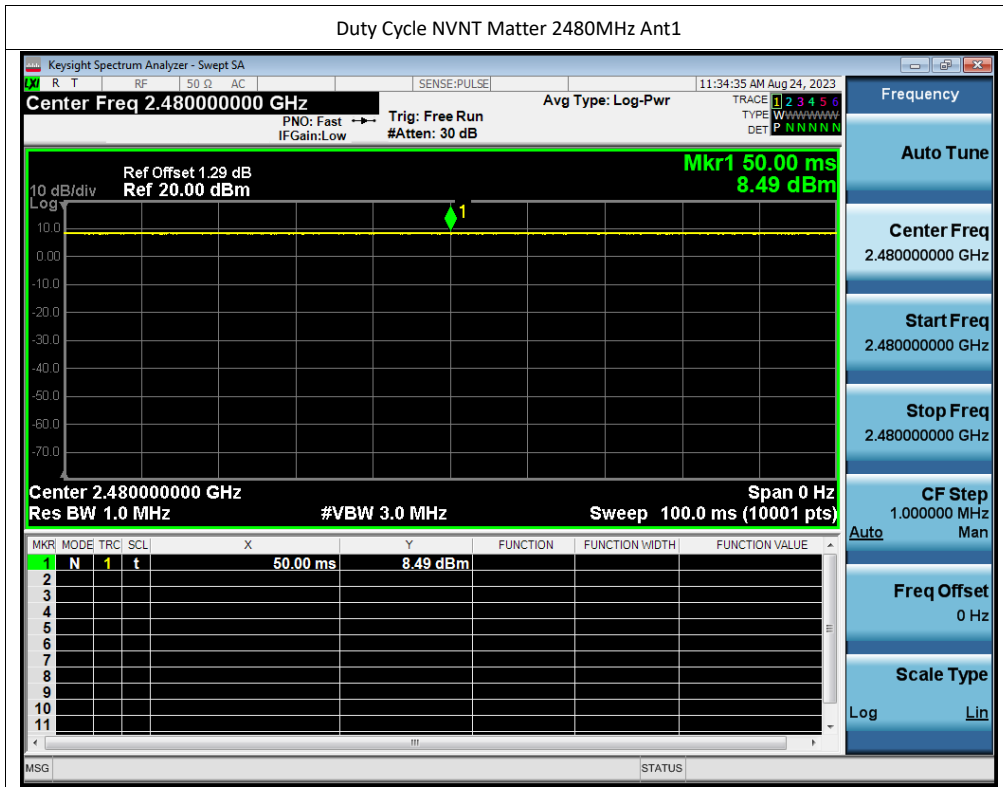


Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|--------|-----------------|---------|----------------|------------------------|-----------|
| NVNT | Matter | 2405 | Ant1 | 100 | 0 | 0 |
| NVNT | Matter | 2440 | Ant1 | 100 | 0 | 0 |
| NVNT | Matter | 2480 | Ant1 | 100 | 0 | 0 |



Maximum Conducted Output Power

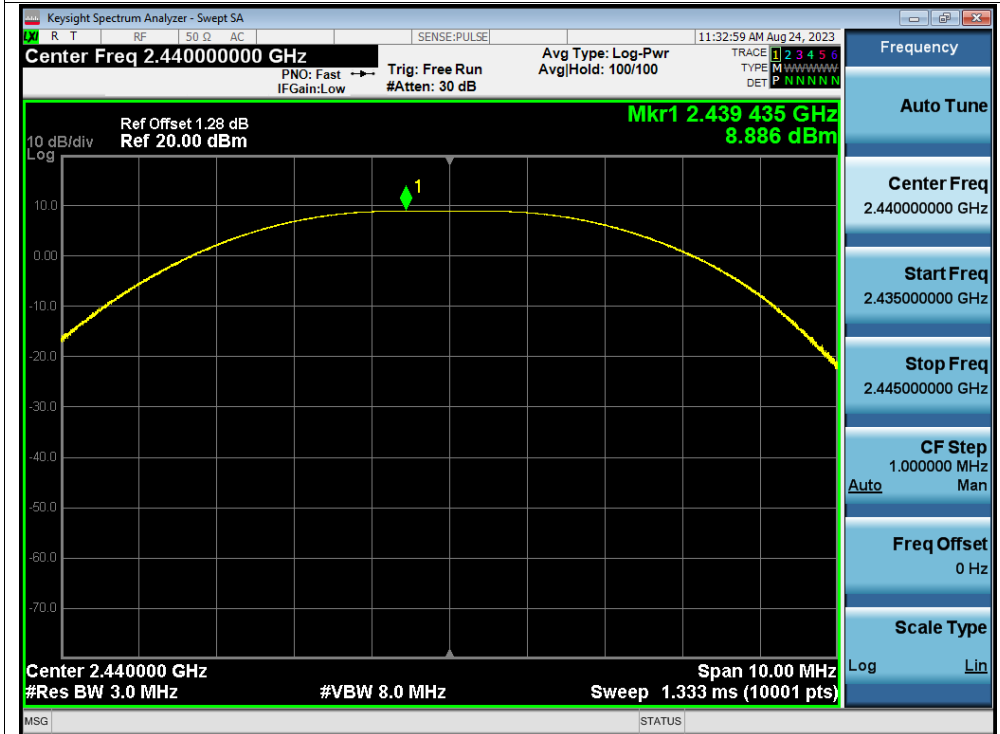
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Antenna gain (dB) | EIRP(dBm) | Limit (dBm) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|-------------------|-----------|-------------|---------|
| NVNT | Matter | 2405 | Ant1 | 8.71 | 0 | 8.71 | 36 | Pass |
| NVNT | Matter | 2440 | Ant1 | 8.89 | 0 | 8.89 | 36 | Pass |
| NVNT | Matter | 2480 | Ant1 | 8.98 | 0 | 8.98 | 36 | Pass |

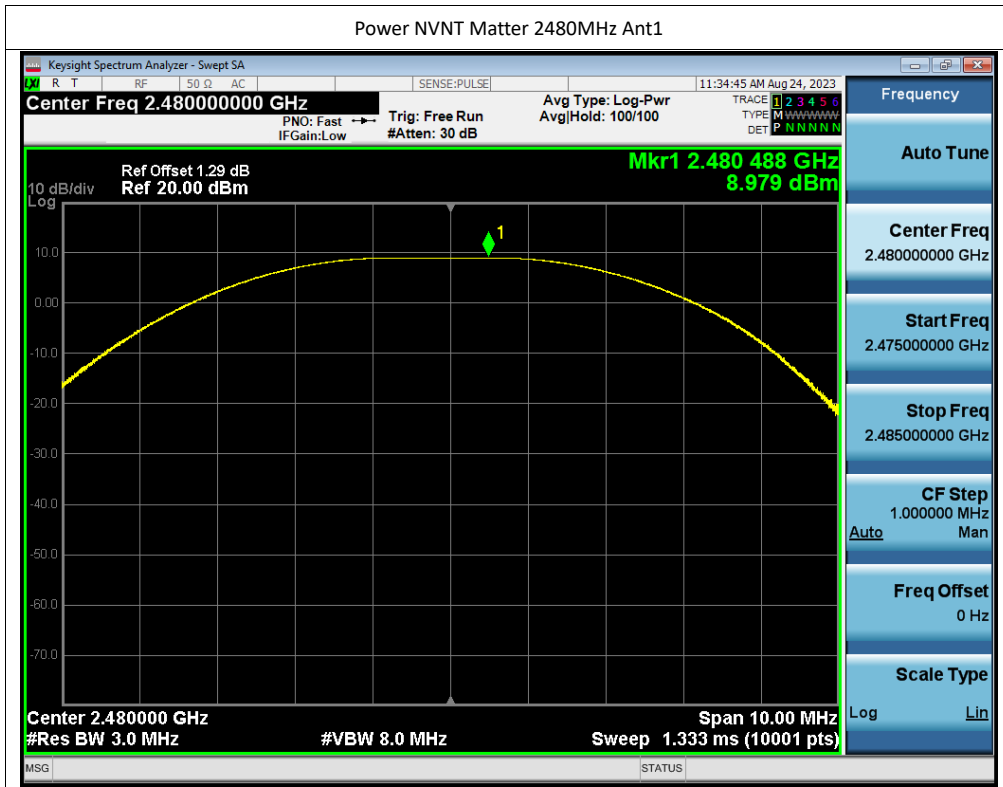
Test Graphs

Power NVNT Matter 2405MHz Ant1



Power NVNT Matter 2440MHz Ant1



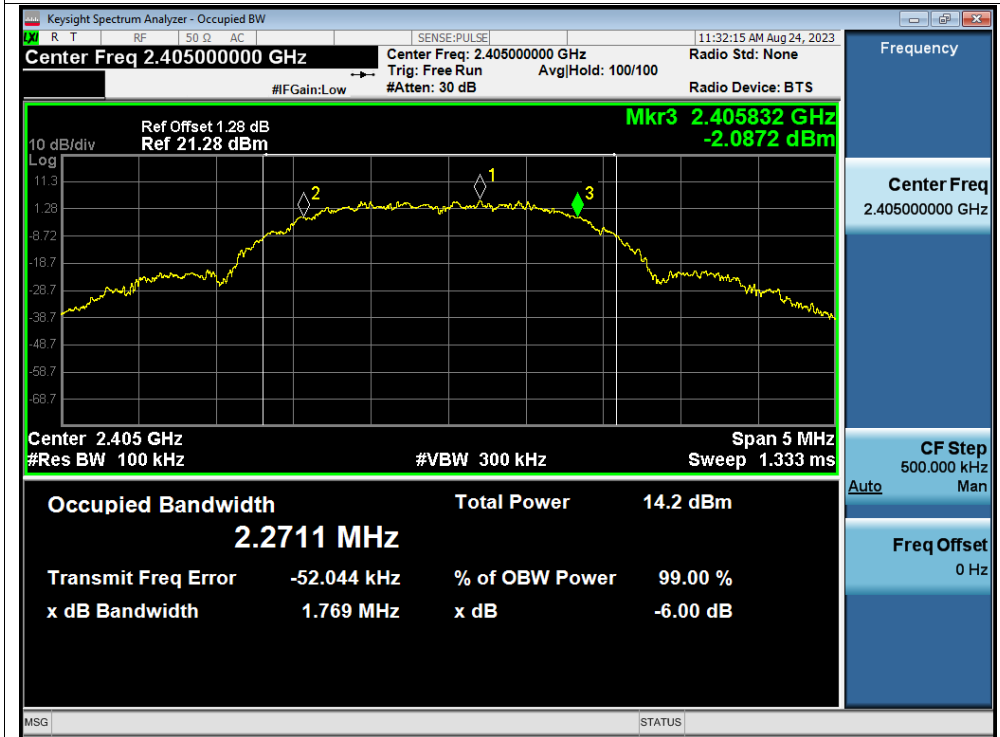


-6dB Bandwidth

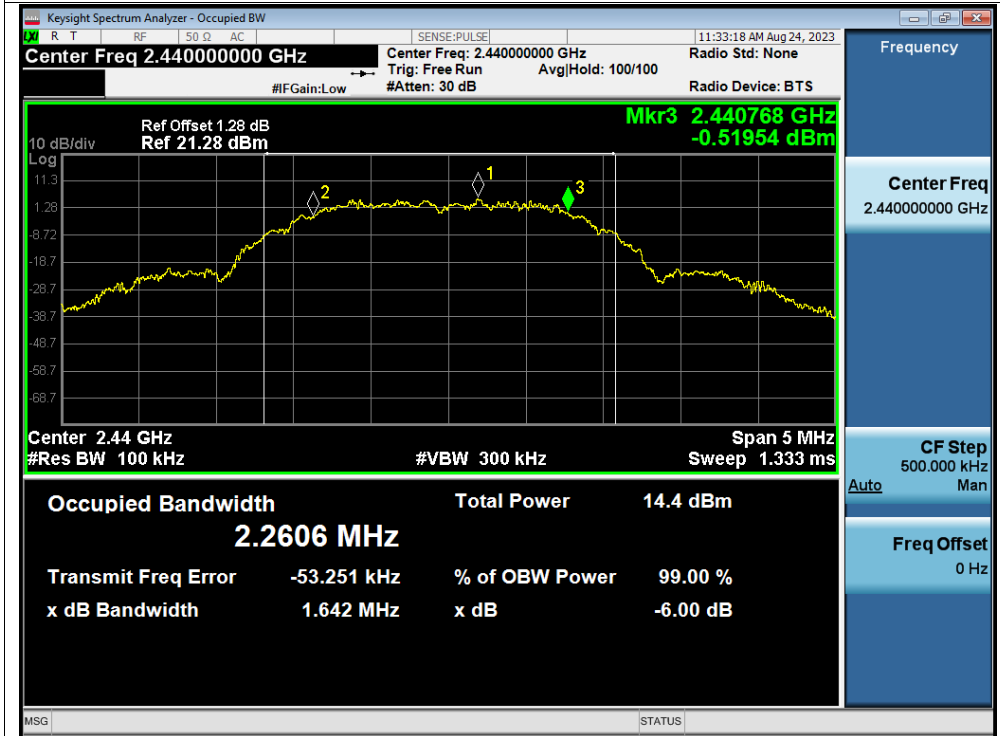
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT | Matter | 2405 | Ant1 | 1.769 | 0.5 | Pass |
| NVNT | Matter | 2440 | Ant1 | 1.642 | 0.5 | Pass |
| NVNT | Matter | 2480 | Ant1 | 1.732 | 0.5 | Pass |

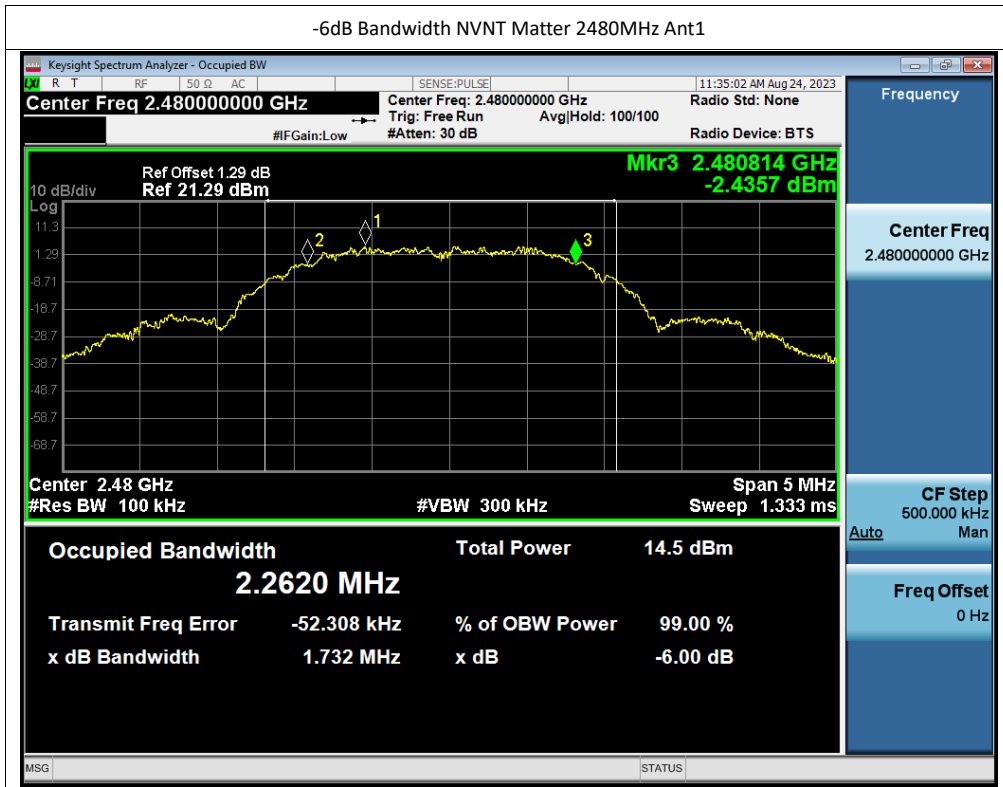
Test Graphs

-6dB Bandwidth NVNT Matter 2405MHz Ant1



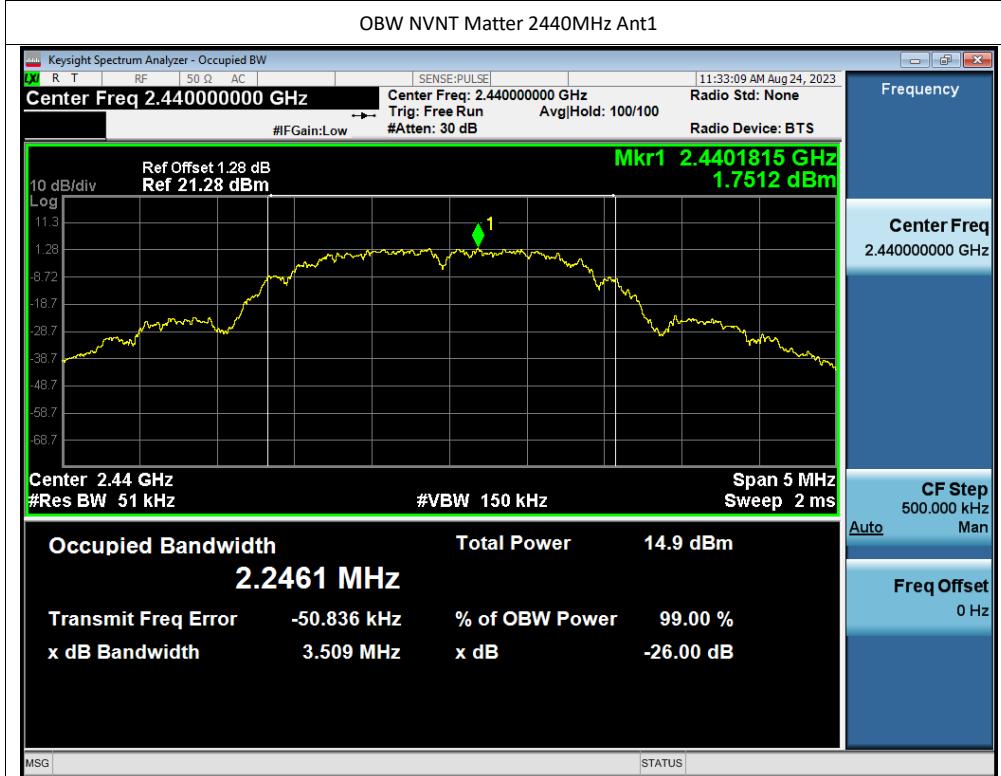
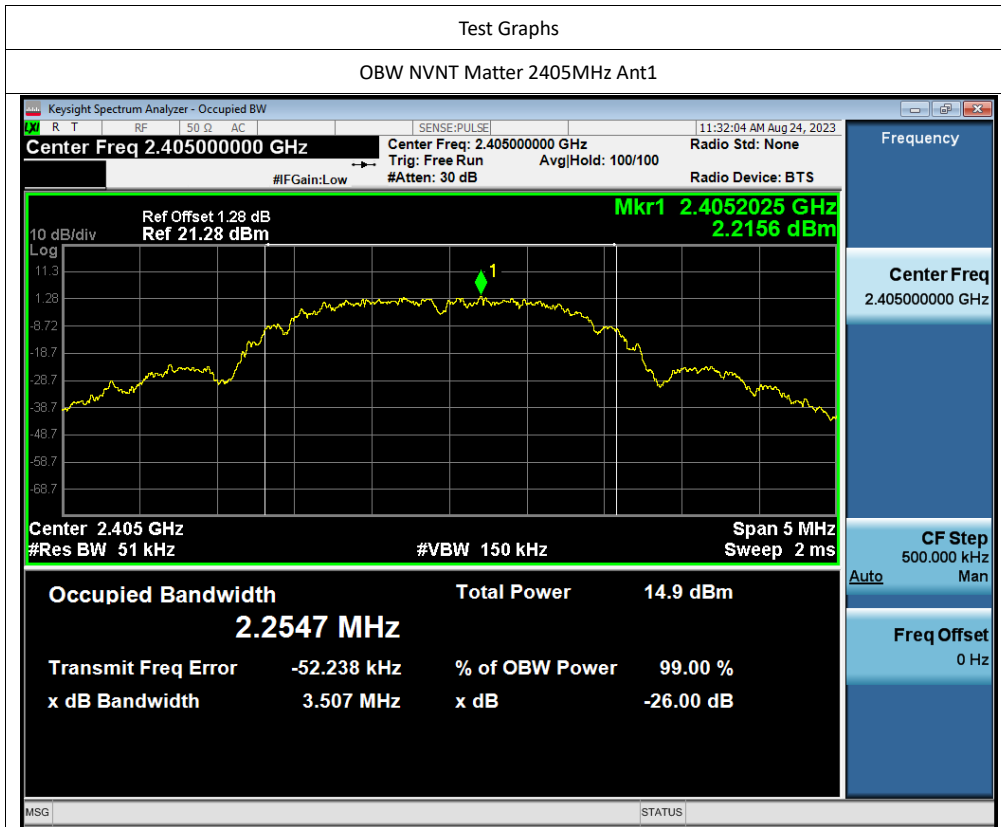
-6dB Bandwidth NVNT Matter 2440MHz Ant1

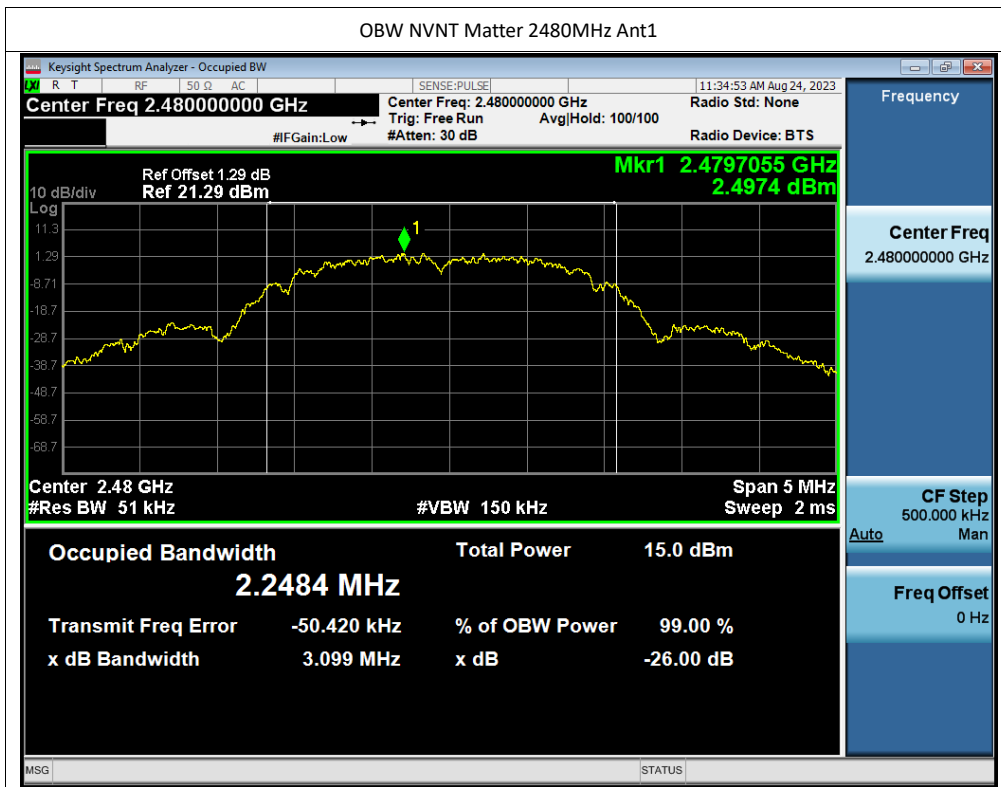




Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|--------|-----------------|---------|---------------|
| NVNT | Matter | 2405 | Ant1 | 2.255 |
| NVNT | Matter | 2440 | Ant1 | 2.246 |
| NVNT | Matter | 2480 | Ant1 | 2.248 |





Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Duty Factor (dB) | Total PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|--------|-----------------|---------|--------------------------|------------------|----------------------|------------------|---------|
| NVNT | Matter | 2405 | Ant1 | -7.43 | 0 | -7.43 | 8 | Pass |
| NVNT | Matter | 2440 | Ant1 | -7.3 | 0 | -7.3 | 8 | Pass |
| NVNT | Matter | 2480 | Ant1 | -6.94 | 0 | -6.94 | 8 | Pass |

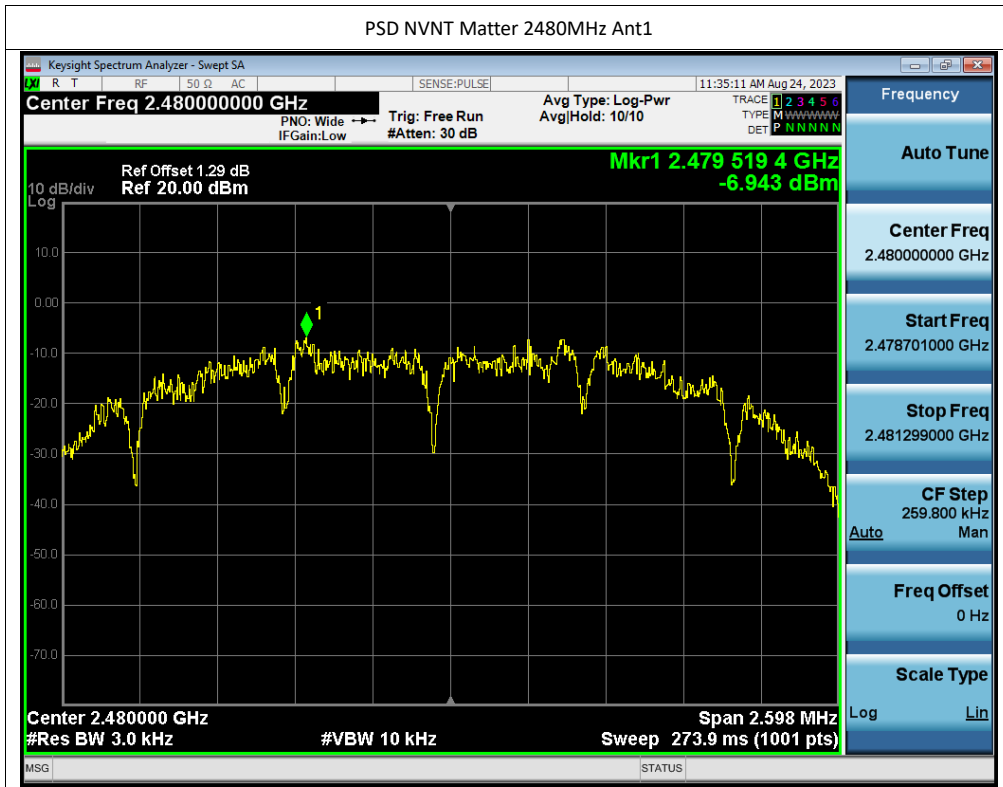
Test Graphs

PSD NVNT Matter 2405MHz Ant1



PSD NVNT Matter 2440MHz Ant1





Band Edge

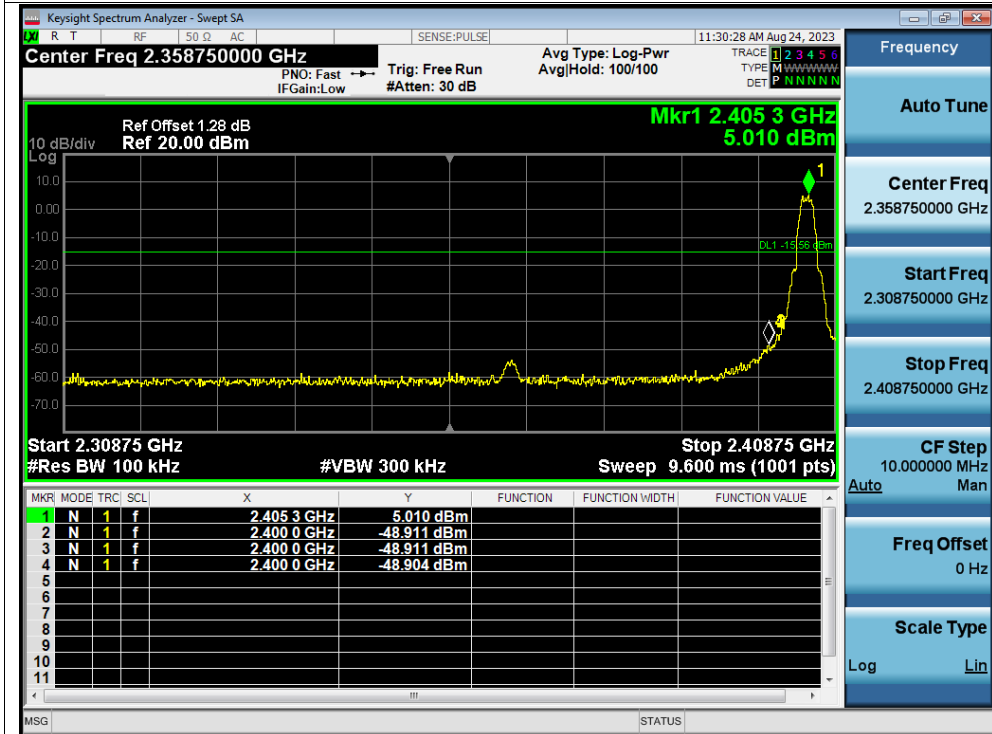
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT | Matter | 2405 | Ant1 | -53.34 | -20 | Pass |
| NVNT | Matter | 2480 | Ant1 | -49.28 | -20 | Pass |

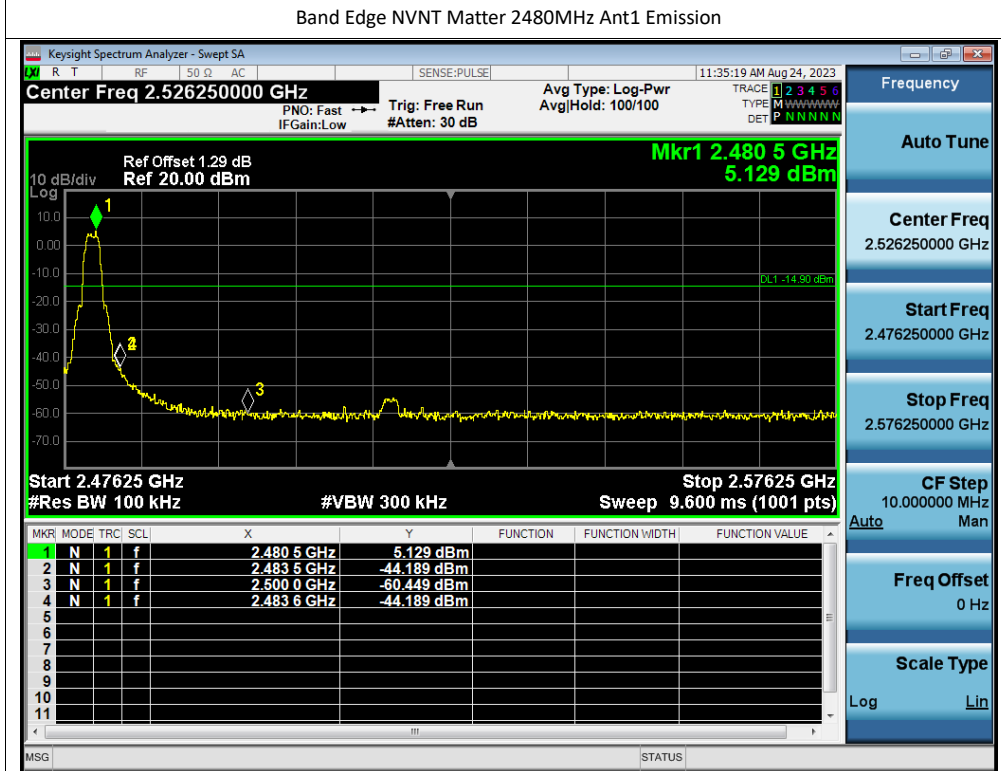
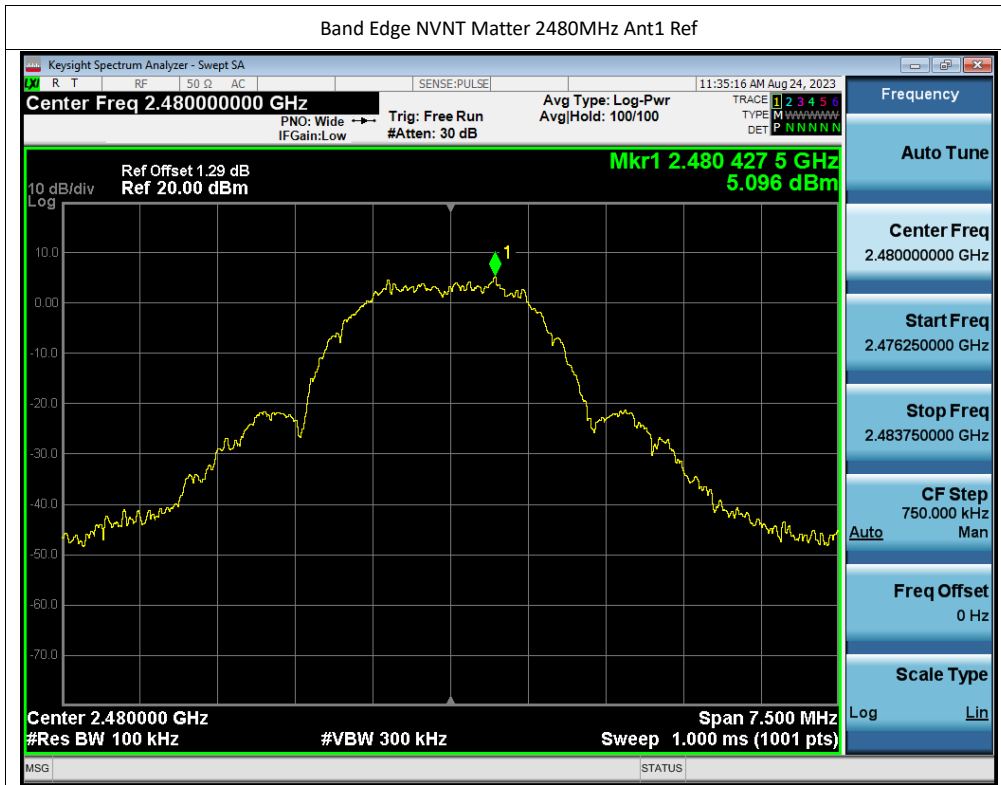
Test Graphs

Band Edge NVNT Matter 2405MHz Ant1 Ref



Band Edge NVNT Matter 2405MHz Ant1 Emission





Conducted RF Spurious Emission

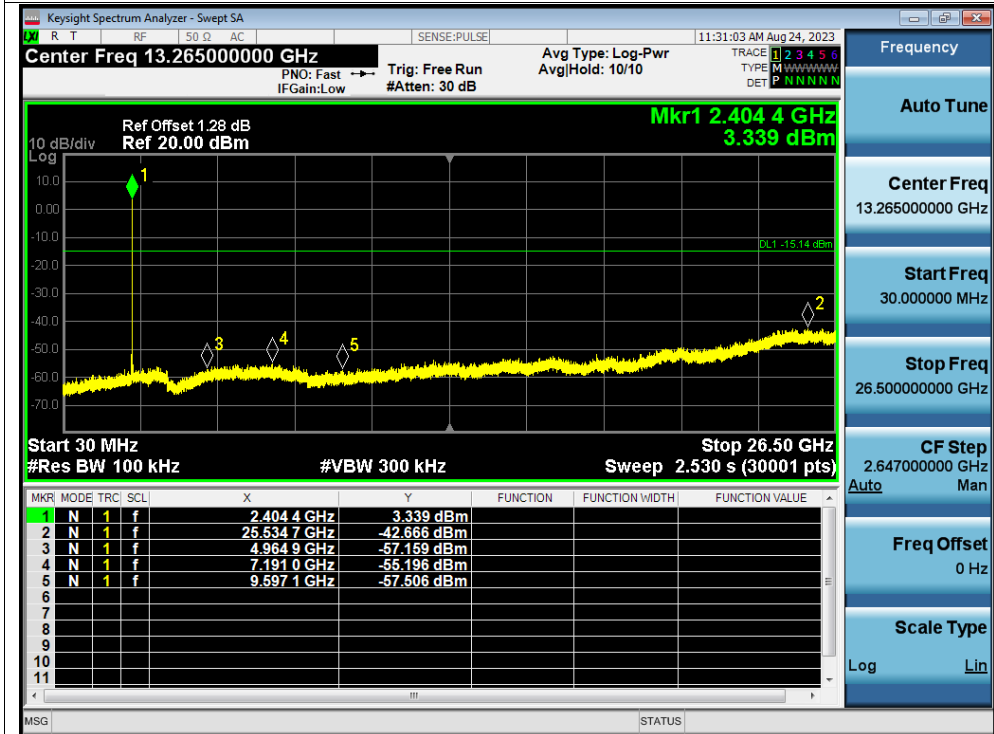
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT | Matter | 2405 | Ant1 | -47.52 | -20 | Pass |
| NVNT | Matter | 2440 | Ant1 | -46.83 | -20 | Pass |
| NVNT | Matter | 2480 | Ant1 | -48 | -20 | Pass |

Test Graphs

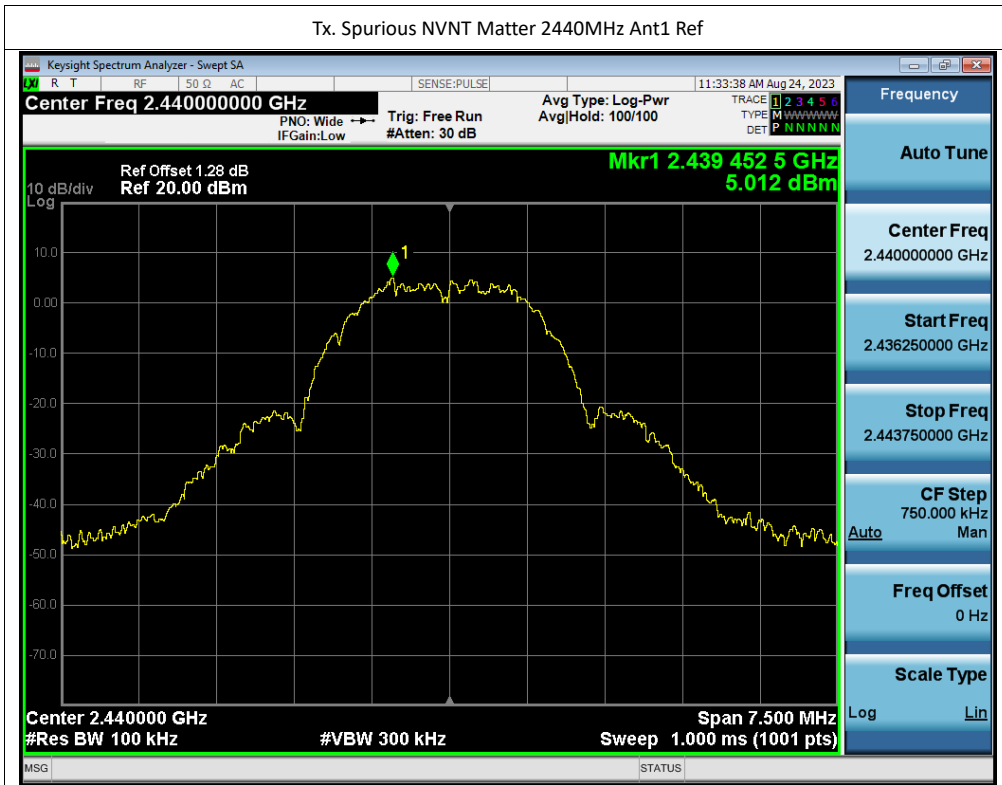
Tx. Spurious NVNT Matter 2405MHz Ant1 Ref



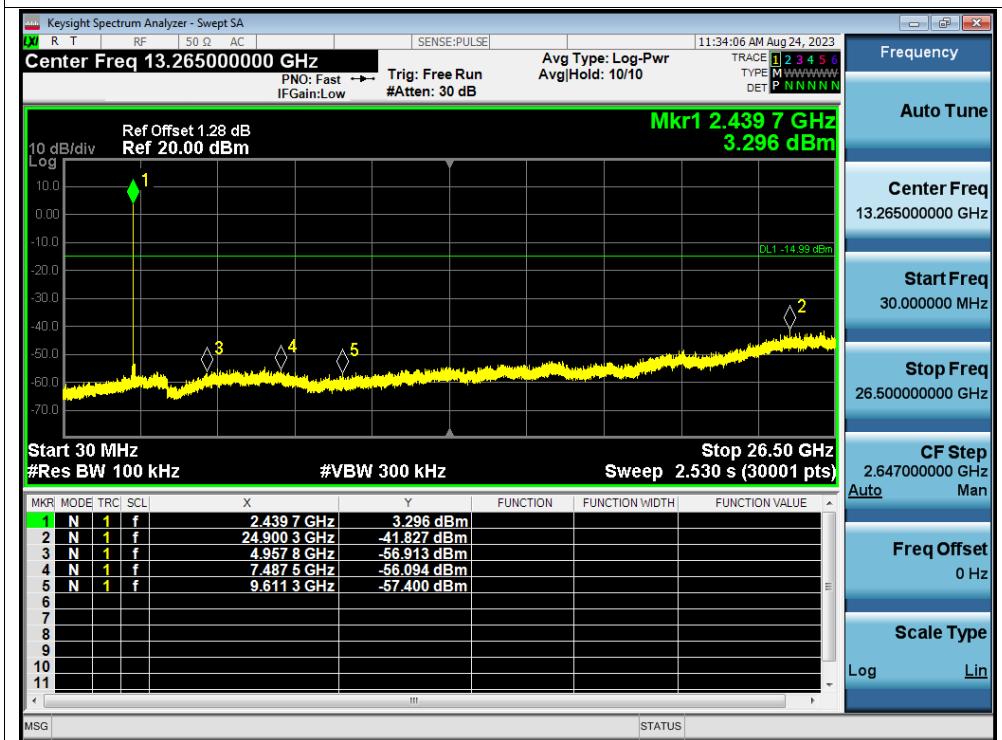
Tx. Spurious NVNT Matter 2405MHz Ant1 Emission

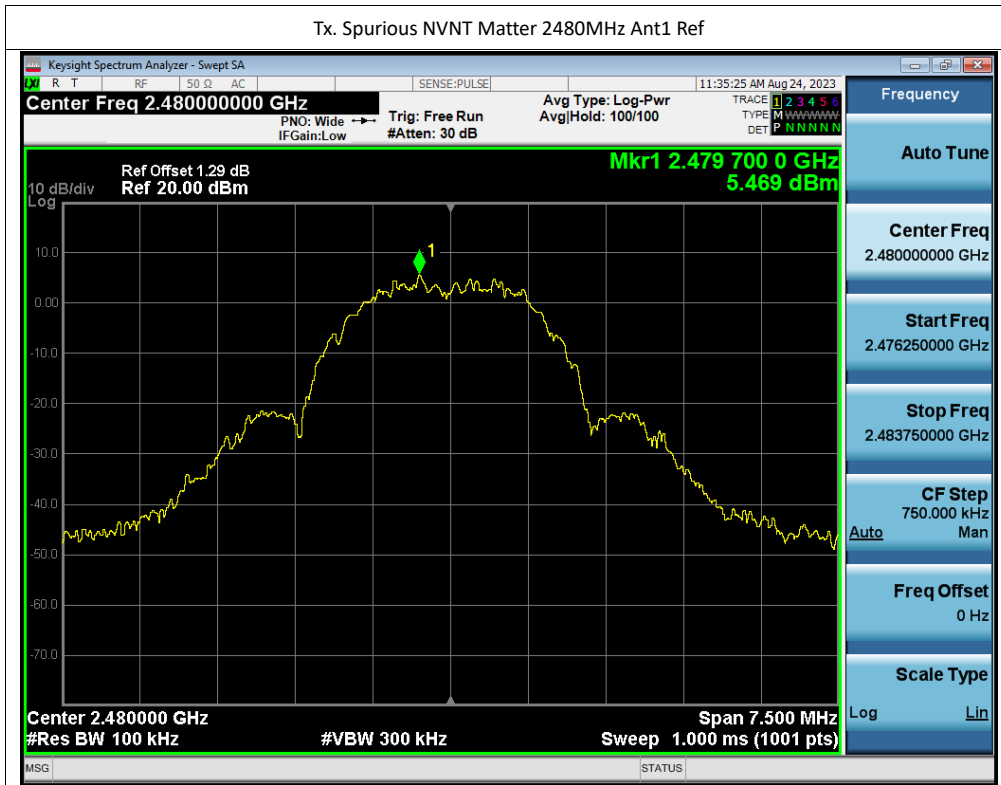


Tx. Spurious NVNT Matter 2440MHz Ant1 Ref



Tx. Spurious NVNT Matter 2440MHz Ant1 Emission





Tx. Spurious NVNT Matter 2480MHz Ant1 Emission

