

## Appendix for 15.247

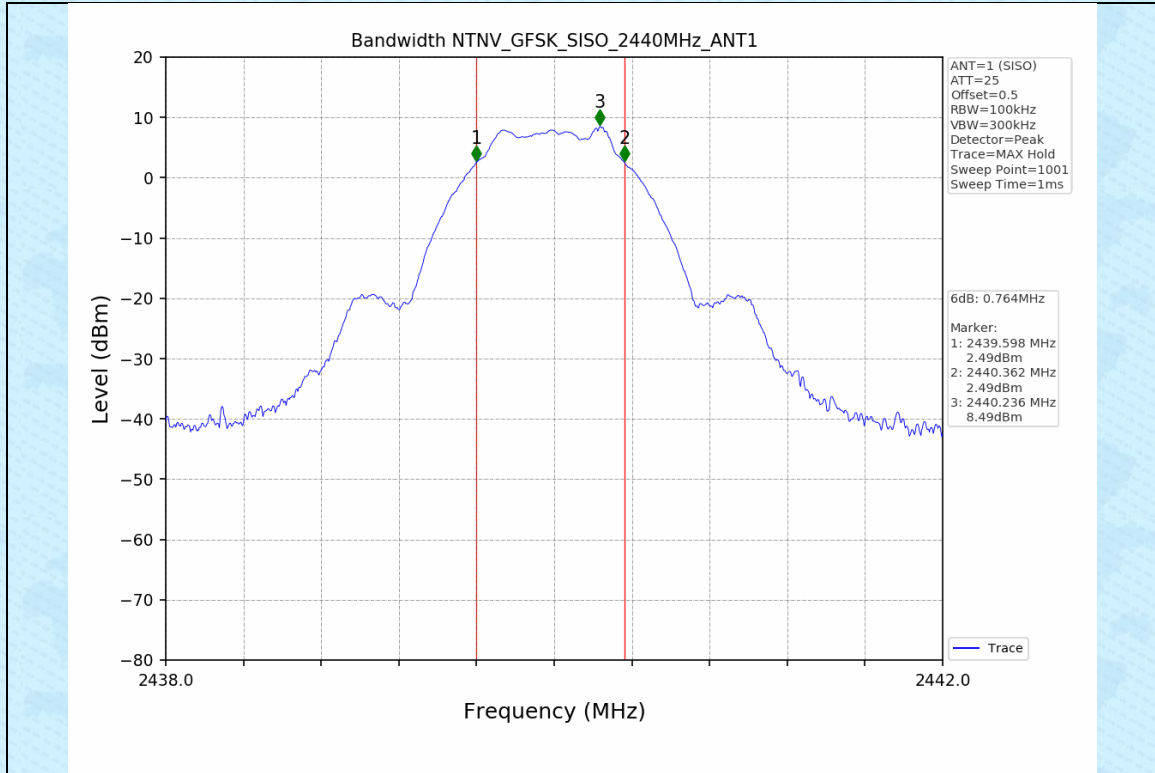
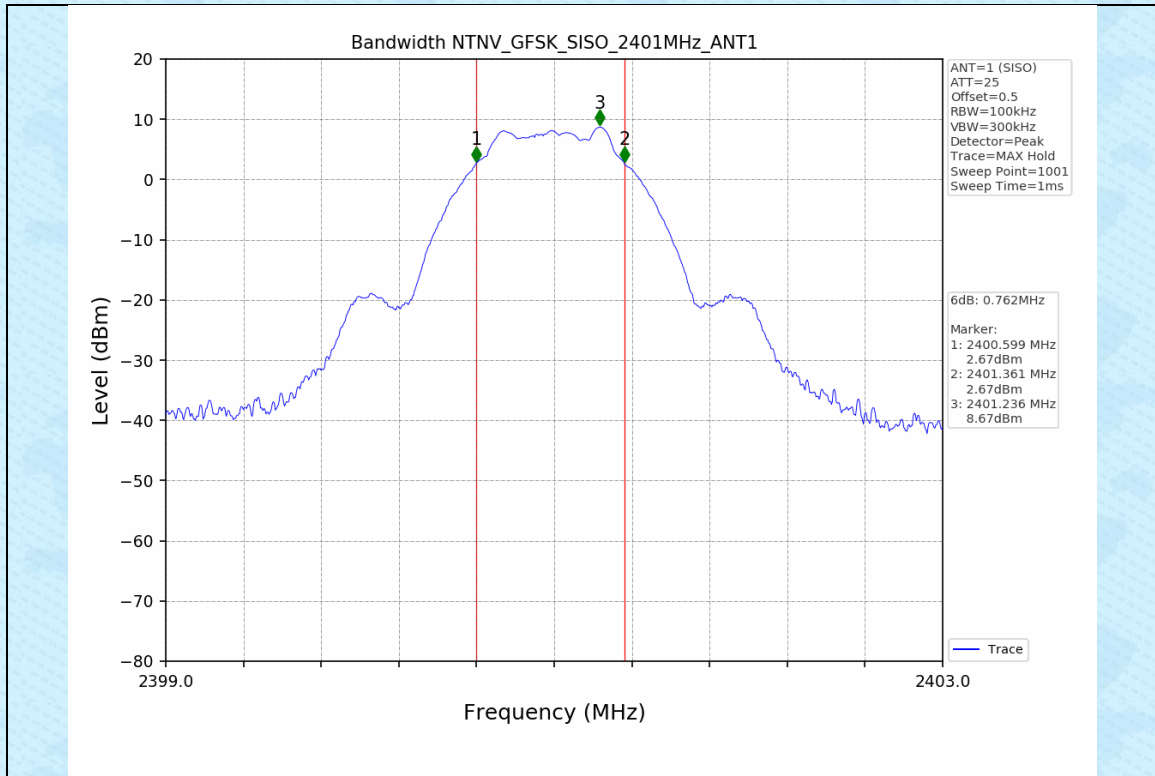
### 1. Bandwidth

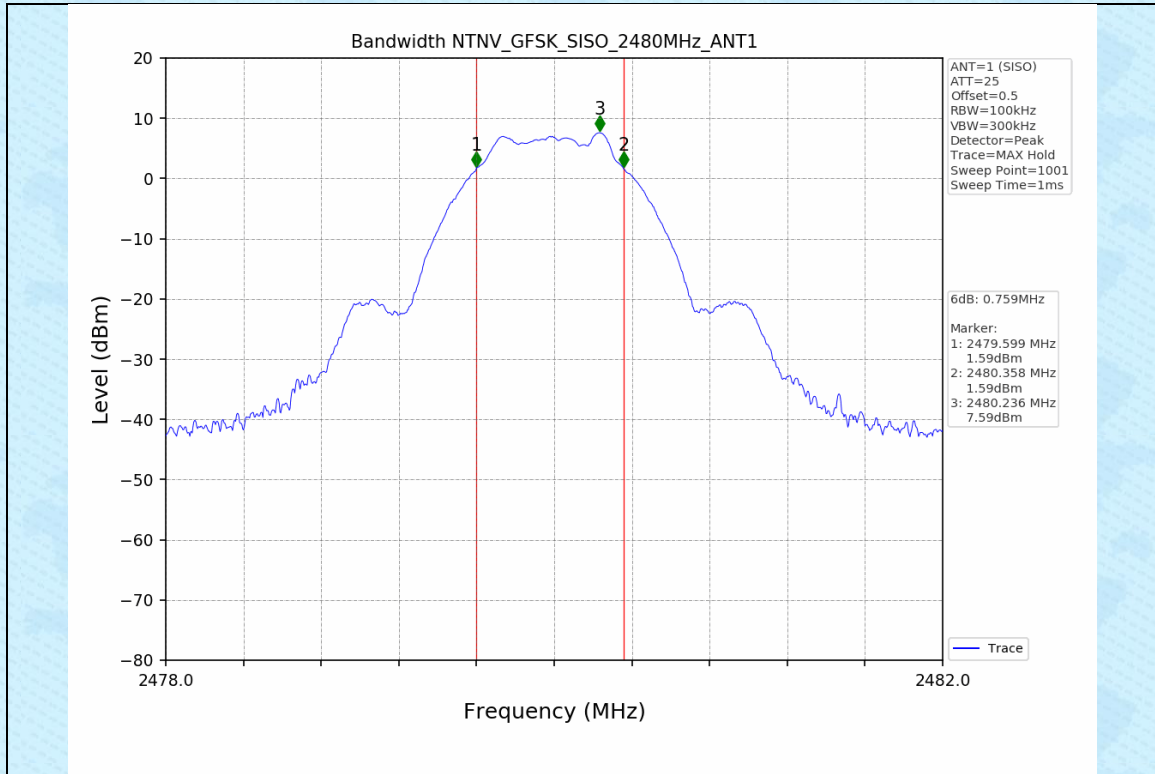
#### 1.1 Test Result

| Test Mode | Frequency (MHz) | TX Type | ANT No. | 6dB Bandwidth     |              | Verdict |
|-----------|-----------------|---------|---------|-------------------|--------------|---------|
|           |                 |         |         | Test Result (MHz) | Limits (MHz) |         |
| GFSK      | 2401            | SISO    | 1       | 0.762             | ≥0.5         | PASS    |
|           | 2440            | SISO    | 1       | 0.764             | ≥0.5         | PASS    |
|           | 2480            | SISO    | 1       | 0.759             | ≥0.5         | PASS    |

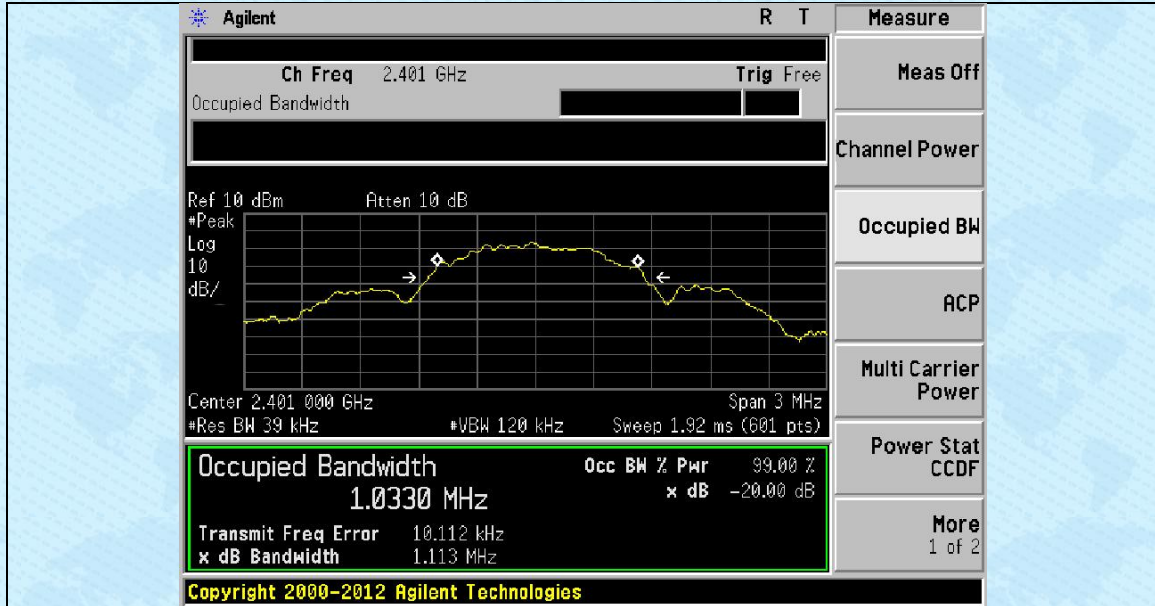
| Test Mode | Frequency (MHz) | TX Type | ANT No. | 99% Occupied Bandwidth |                     |
|-----------|-----------------|---------|---------|------------------------|---------------------|
|           |                 |         |         | Test Result (MHz)      |                     |
| GFSK      | 2401            | SISO    | 1       | 1.0330                 | Only for Report Use |
|           | 2440            | SISO    | 1       | 1.0329                 | Only for Report Use |
|           | 2480            | SISO    | 1       | 1.0337                 | Only for Report Use |

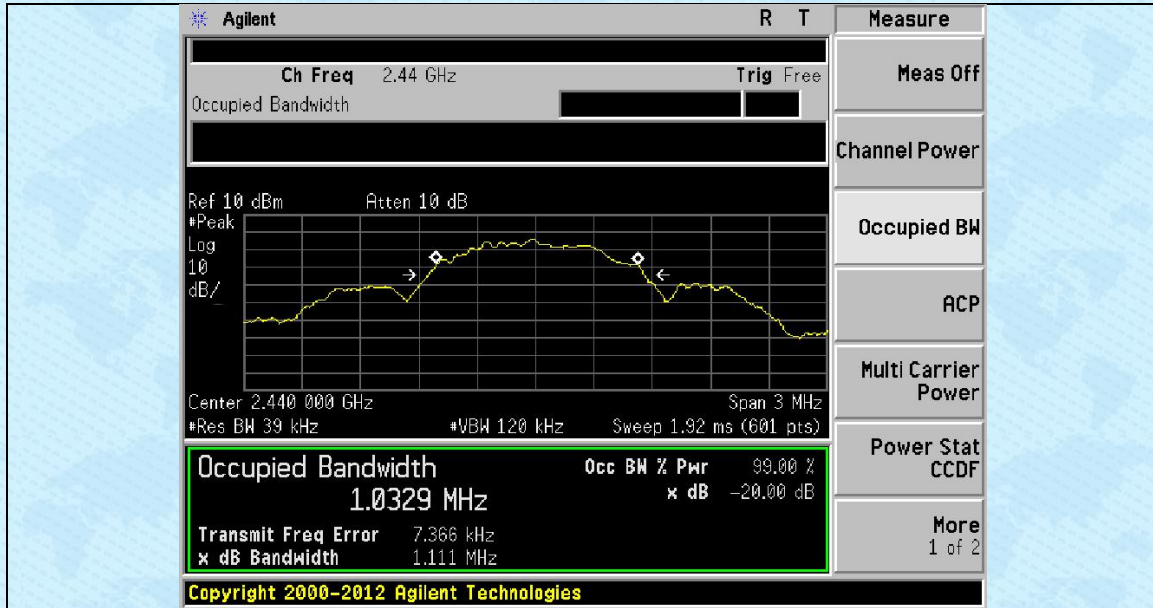
1.2 Test Graph - 6dB Bandwidth





1.3 Test Graph - 99% Occupied Bandwidth





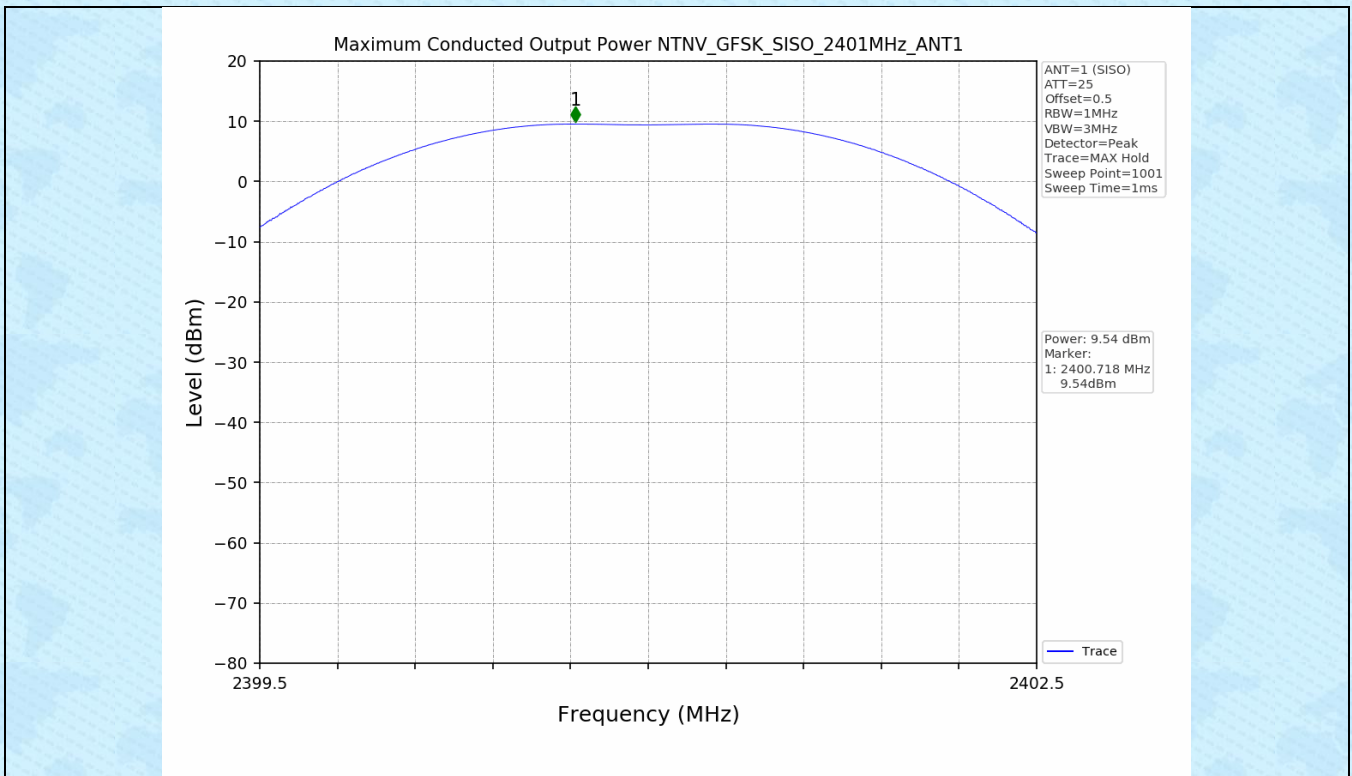


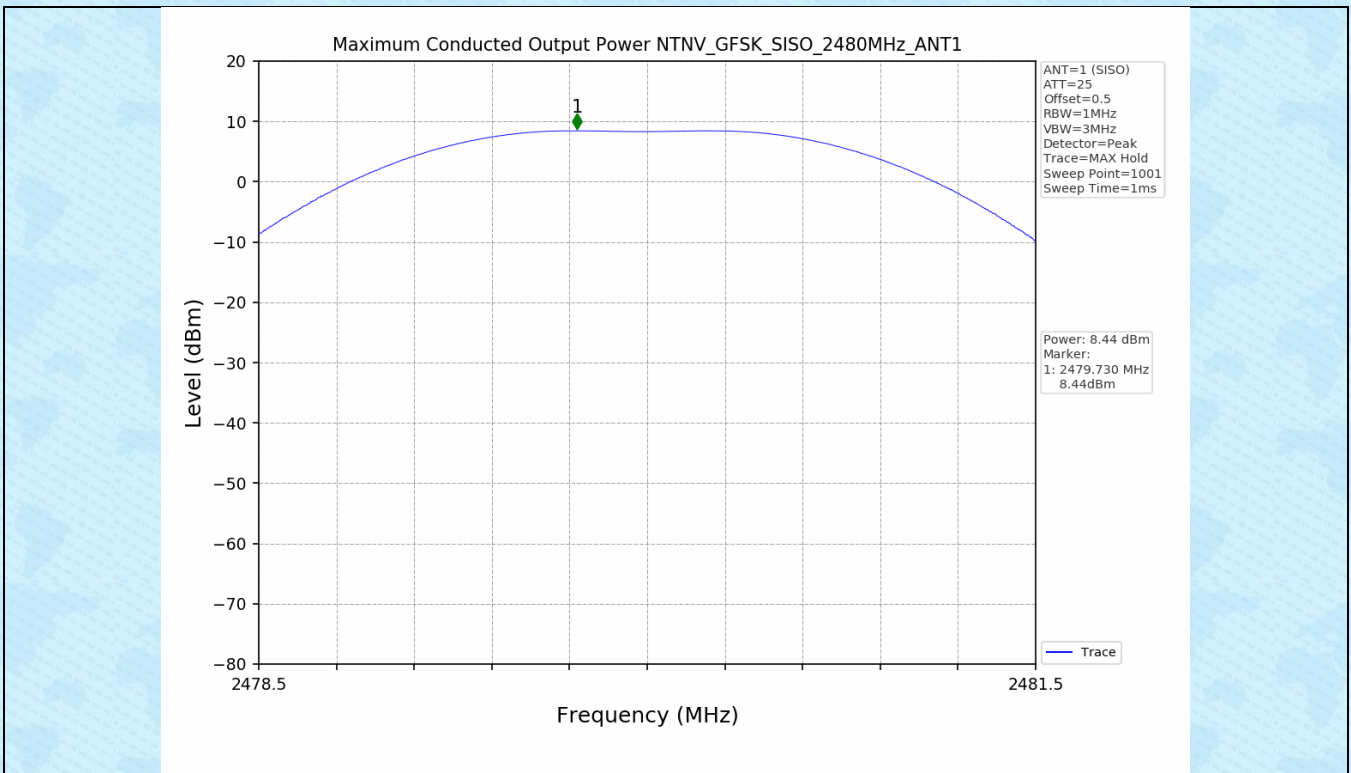
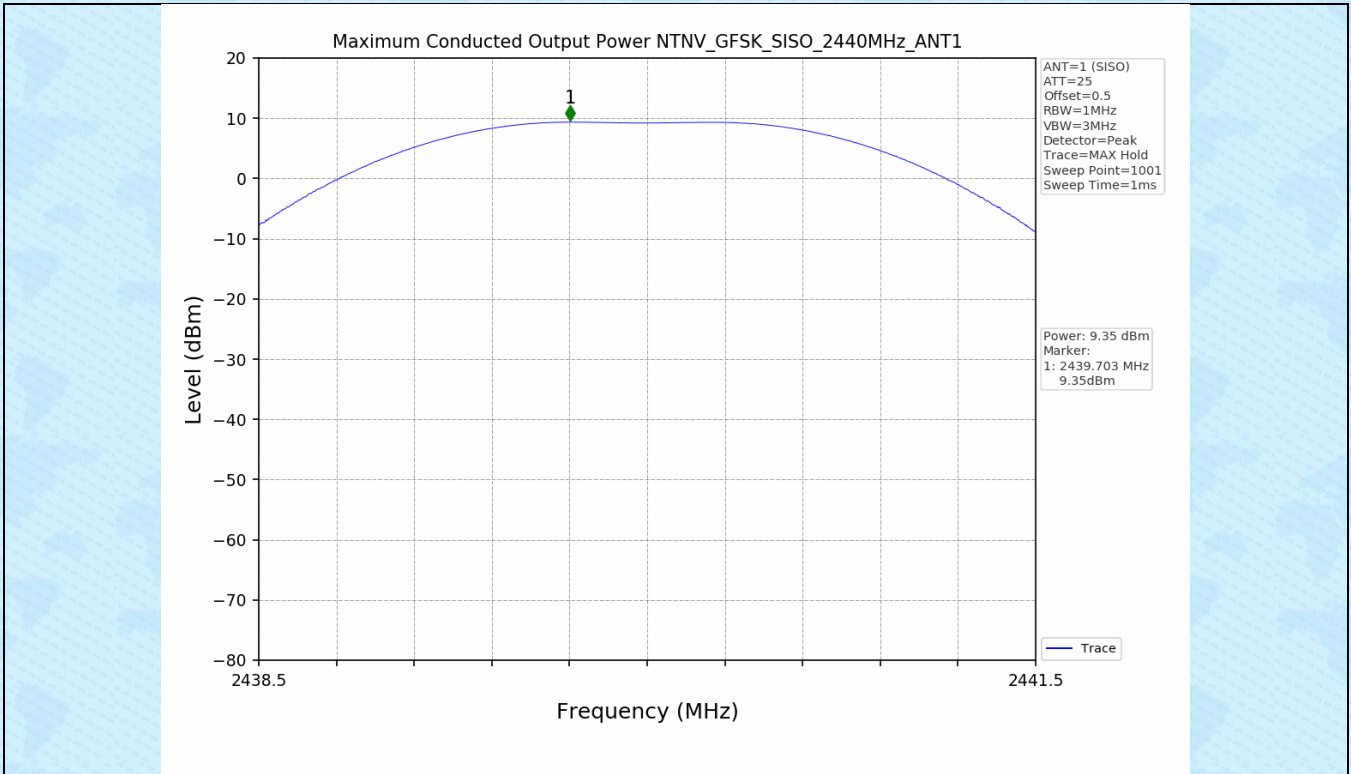
## 2. Maximum Conducted Output Power

### 2.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Measured Peak Output Power (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|----------------------------------|--------------|---------|
|           |                 |         | Ant 1                            |              |         |
| GFSK      | 2401            | SISO    | 9.54                             | 30           | PASS    |
|           | 2440            | SISO    | 9.35                             | 30           | PASS    |
|           | 2480            | SISO    | 8.44                             | 30           | PASS    |

### 2.2 Test Graph



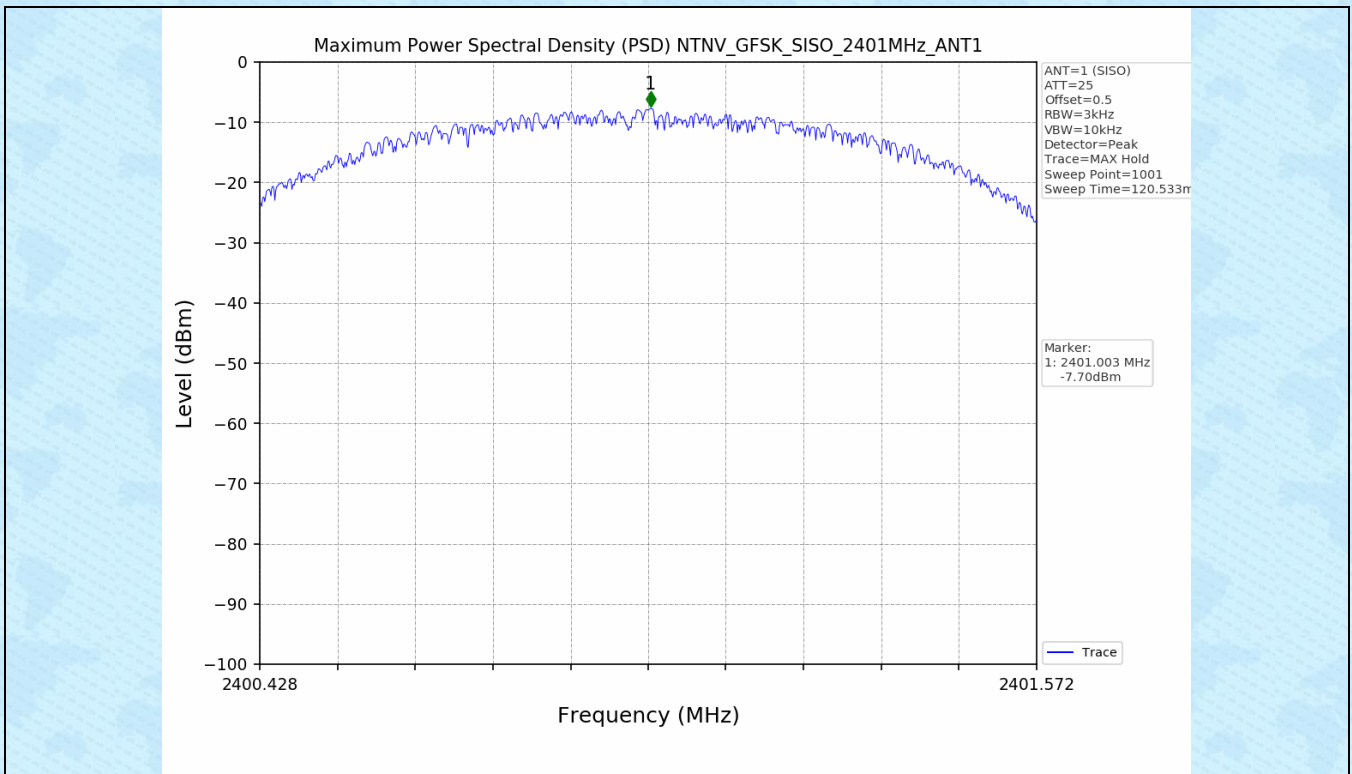


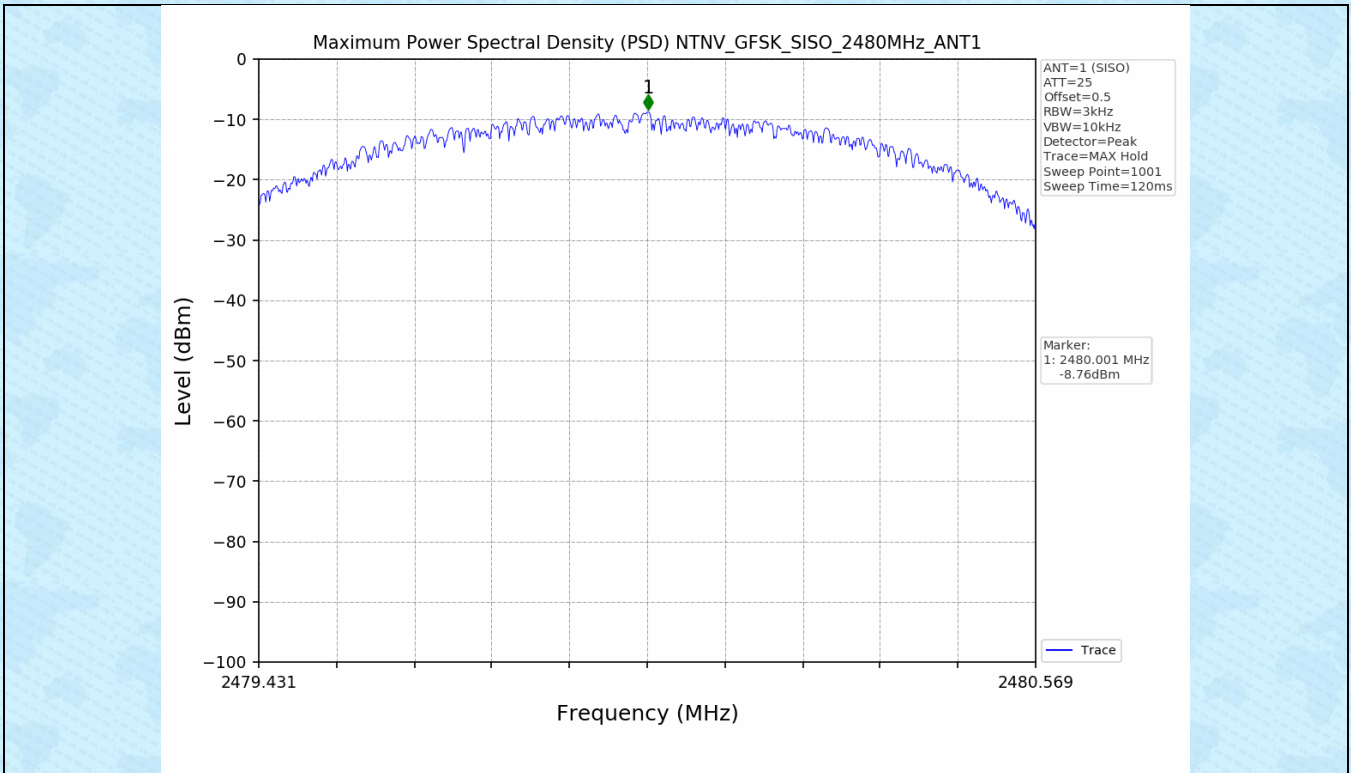
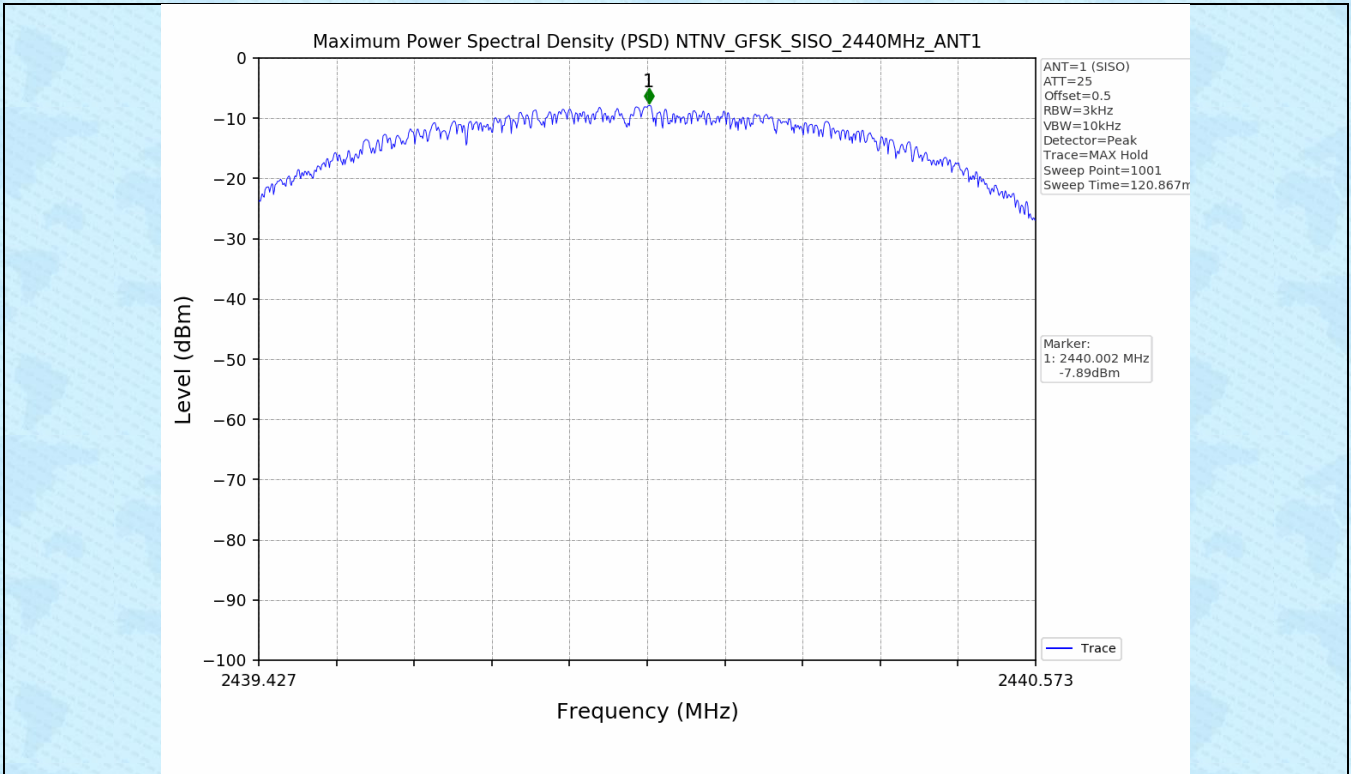
### 3. Maximum Power Spectral Density (PSD)

#### 3.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Maximum Power Spectral Density (dBm/3KHz) | Limits (dBm/3kHz) | Verdict |
|-----------|-----------------|---------|---|-------------------|---------|
|           |                 |         | Ant 1                                     |                   |         |
| GFSK      | 2401            | SISO    | -7.70                                     | ≤8                | PASS    |
|           | 2440            | SISO    | -7.89                                     | ≤8                | PASS    |
|           | 2480            | SISO    | -8.76                                     | ≤8                | PASS    |

#### 3.2 Test Graph





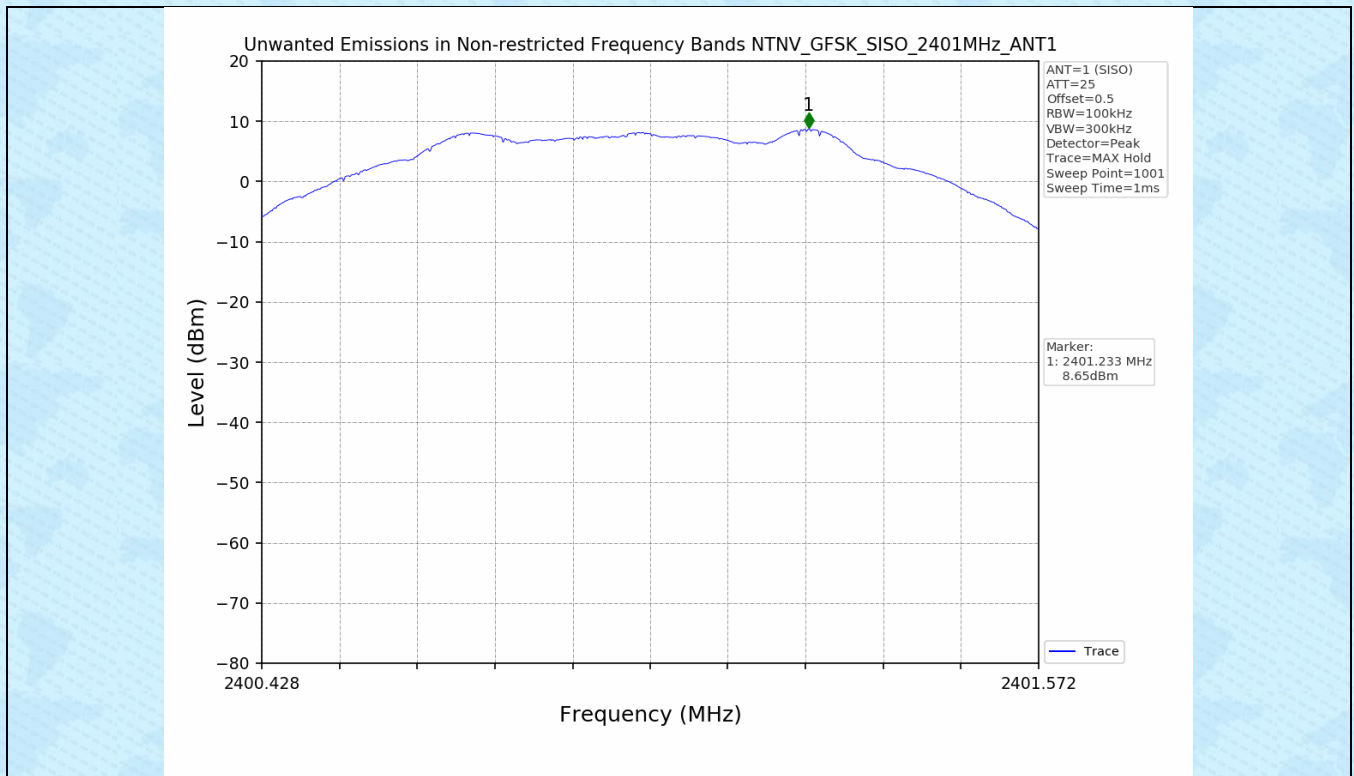


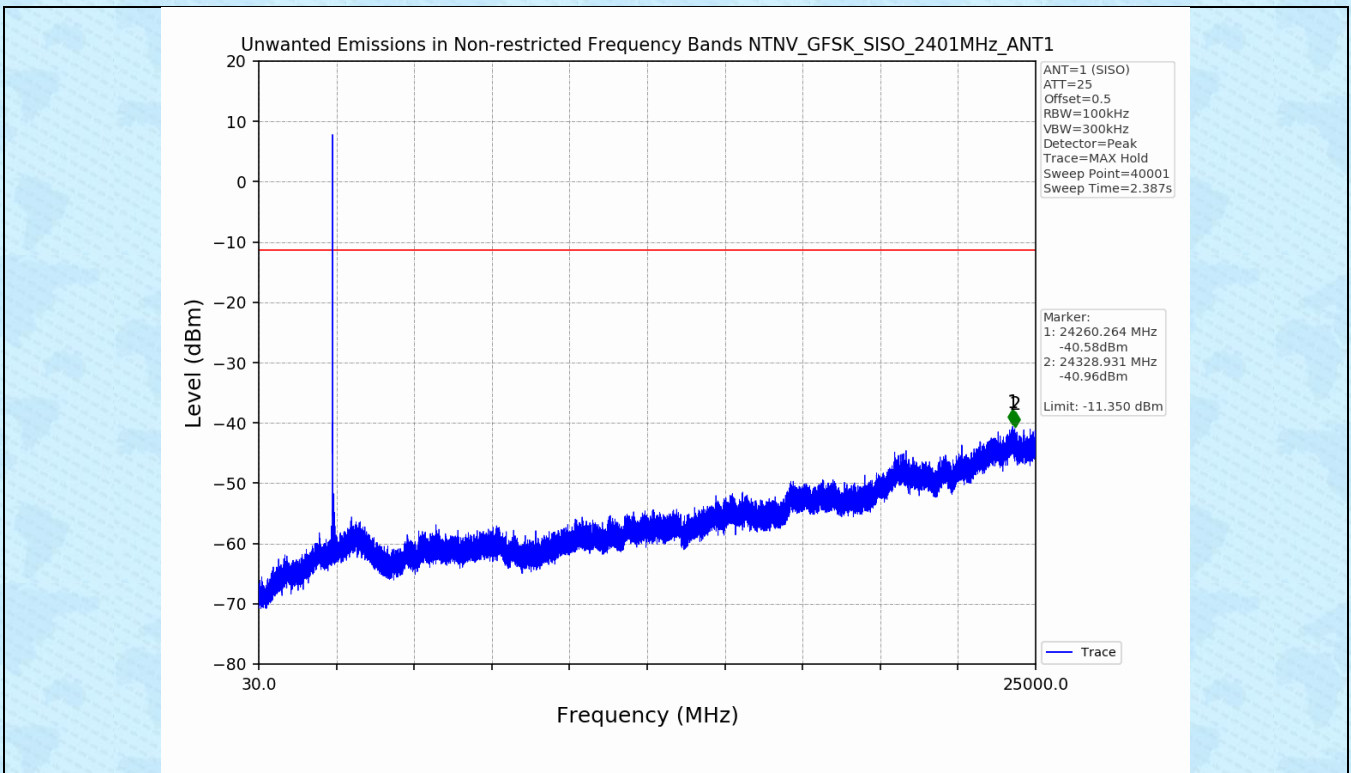
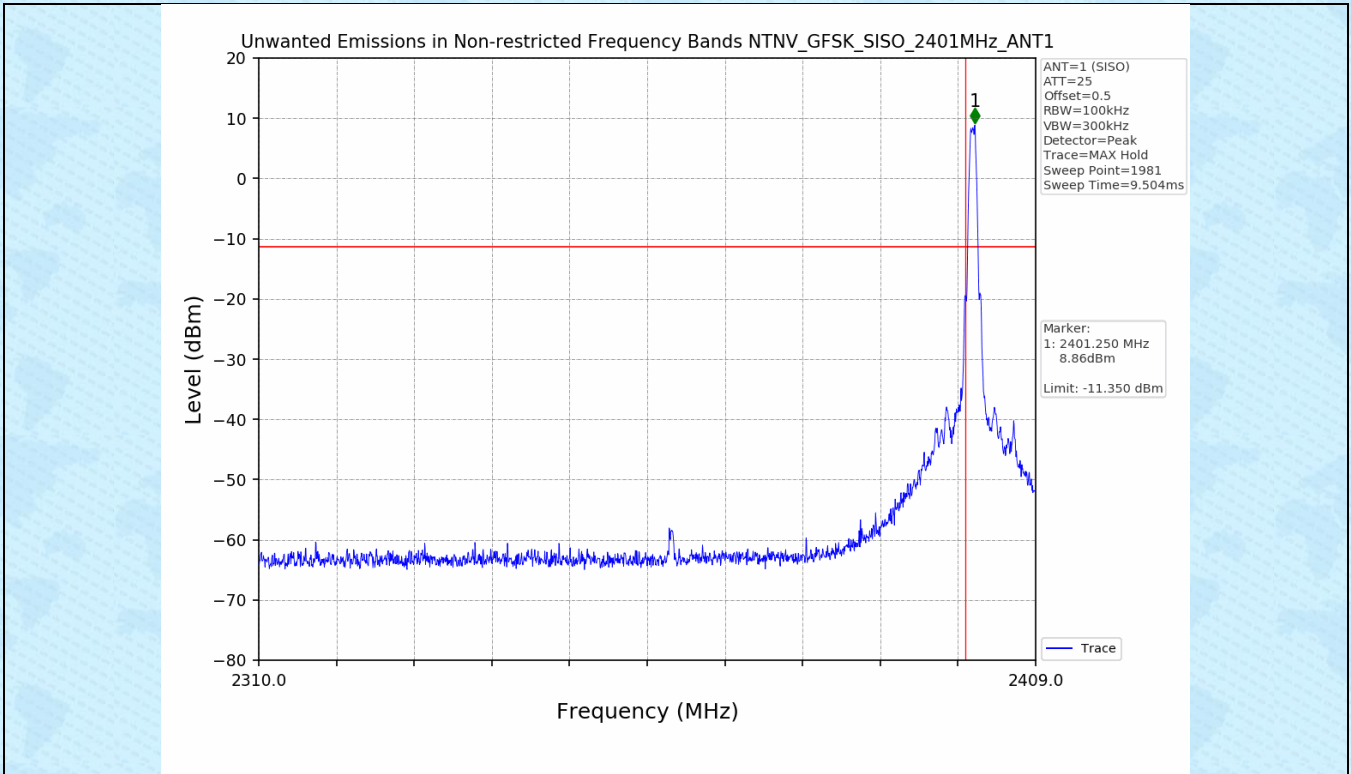
## 4. Unwanted Emissions in Non-restricted Frequency Bands

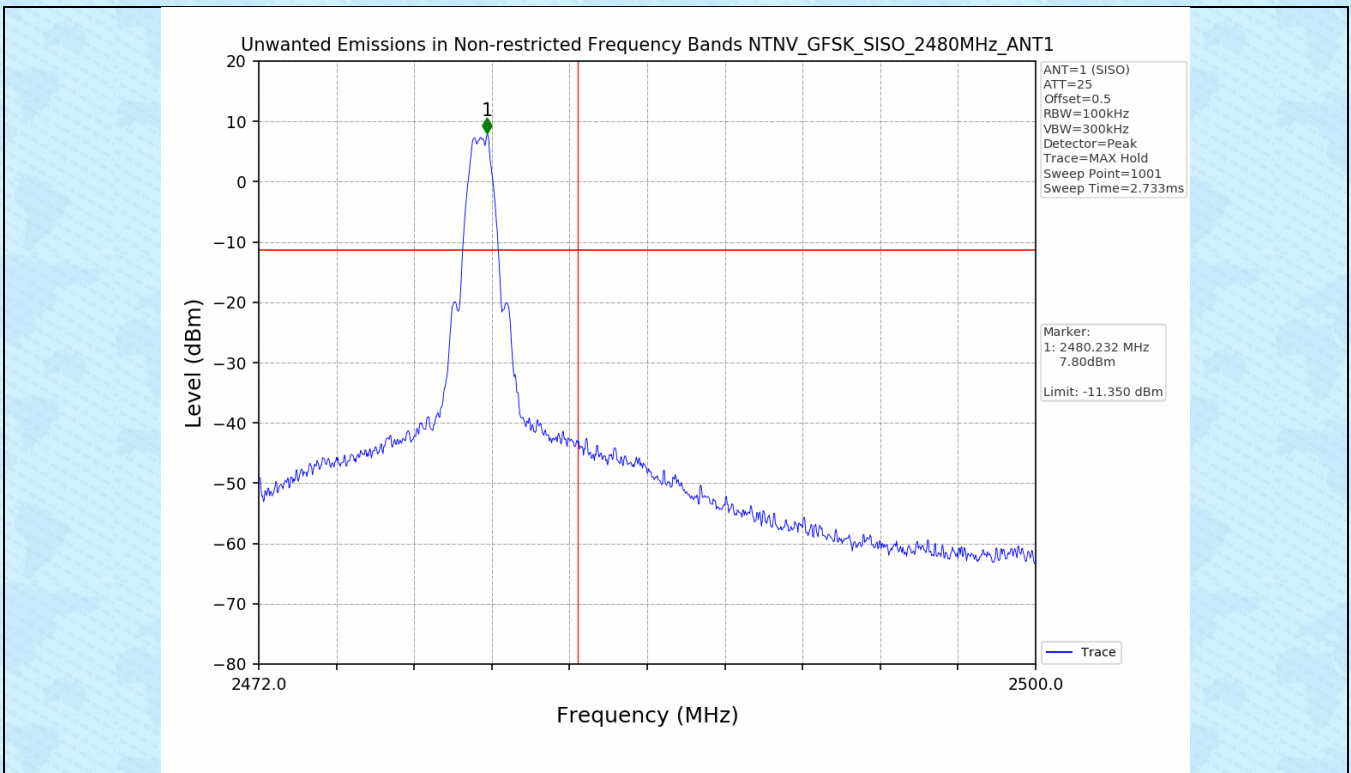
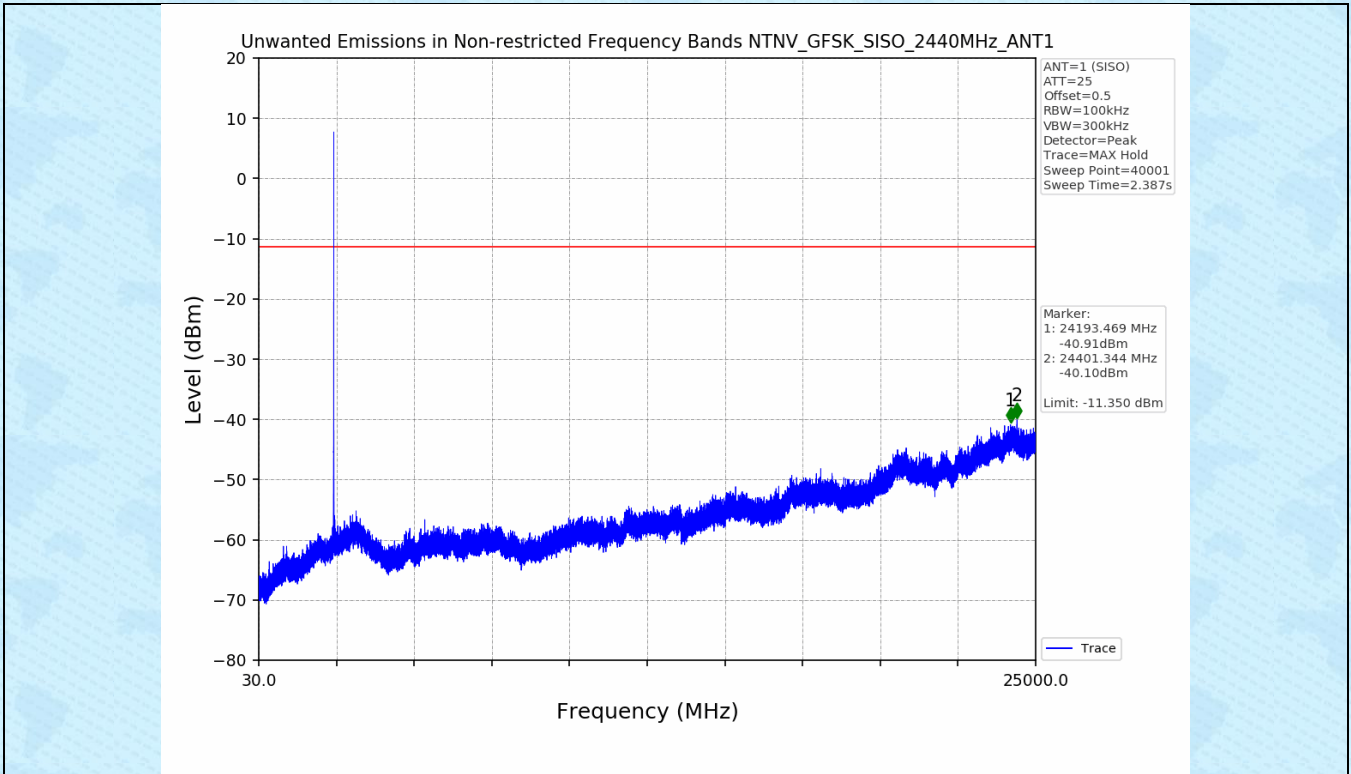
### 4.1 Test Result

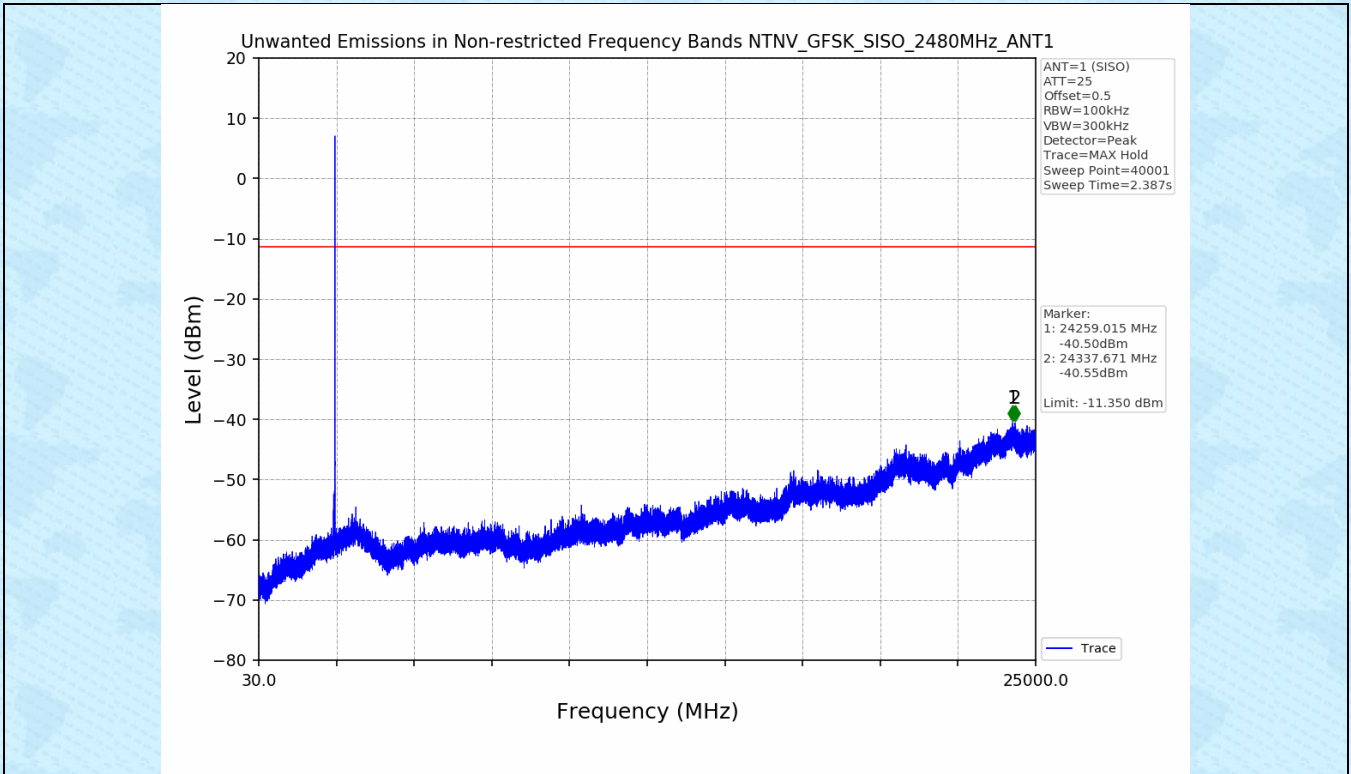
| Test Mode | Frequency (MHz) | TX Type | ANT No. | Spurious Conducted Emission (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|---------|-----------------------------------|--------------|---------|
| GFSK      | 2401            | SISO    | 1       | Refer to test graph               | -11.35       | PASS    |
|           | 2440            | SISO    | 1       | Refer to test graph               | -11.35       | PASS    |
|           | 2480            | SISO    | 1       | Refer to test graph               | -11.35       | PASS    |

### 4.2 Test Graph









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