

Appendix for 15.247

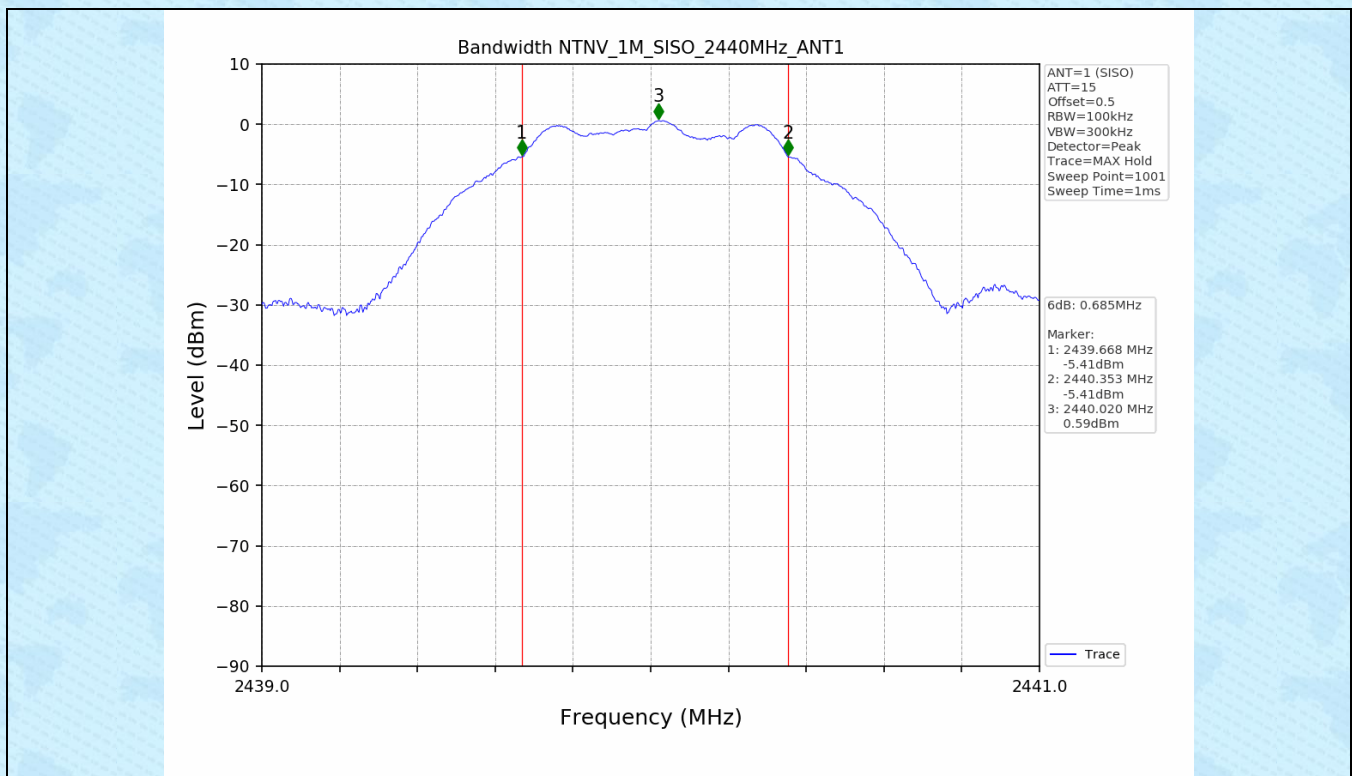
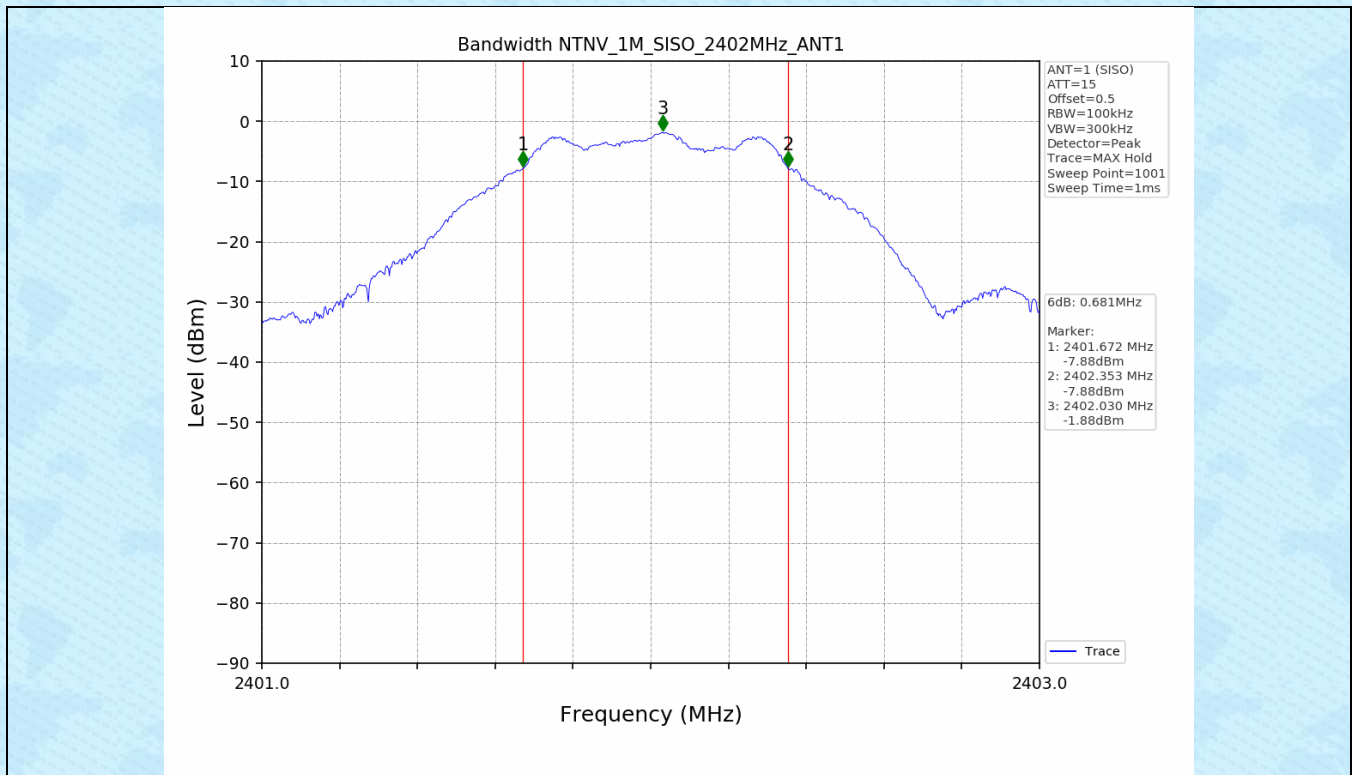
1. Bandwidth

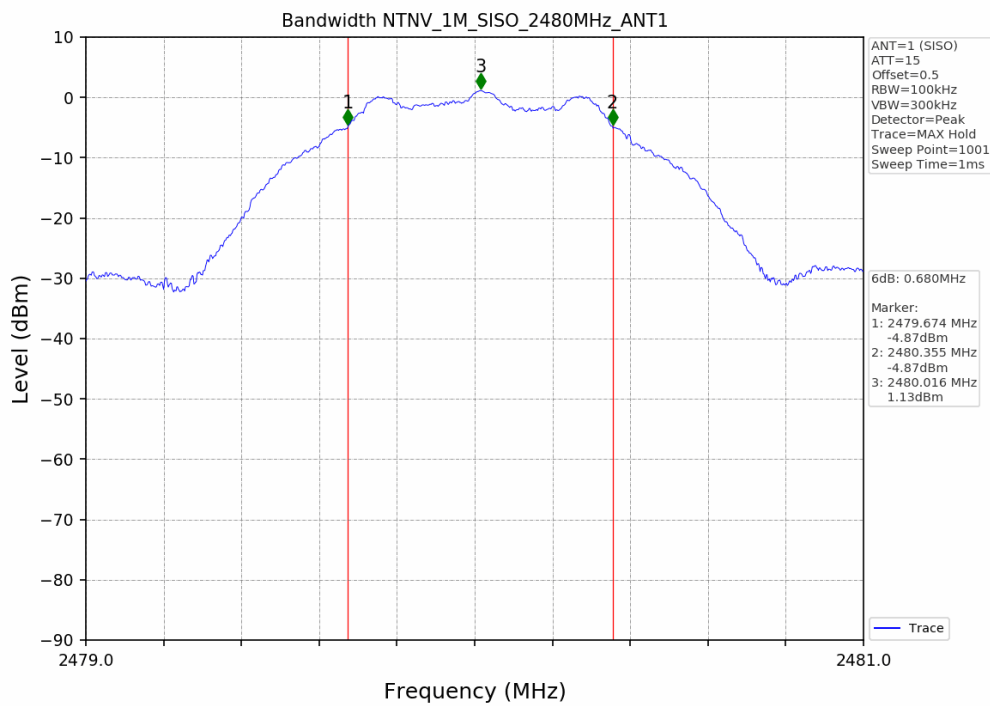
1.1 Test Result

| Test Mode | Frequency (MHz) | TX Type | ANT No. | 6dB Bandwidth | | Verdict |
|-----------|-----------------|---------|---------|-------------------|--------------|---------|
| | | | | Test Result (MHz) | Limits (MHz) | |
| GFSK | 2402 | SISO | 1 | 0.681 | ≥0.5 | PASS |
| | 2440 | SISO | 1 | 0.685 | ≥0.5 | PASS |
| | 2480 | SISO | 1 | 0.680 | ≥0.5 | PASS |

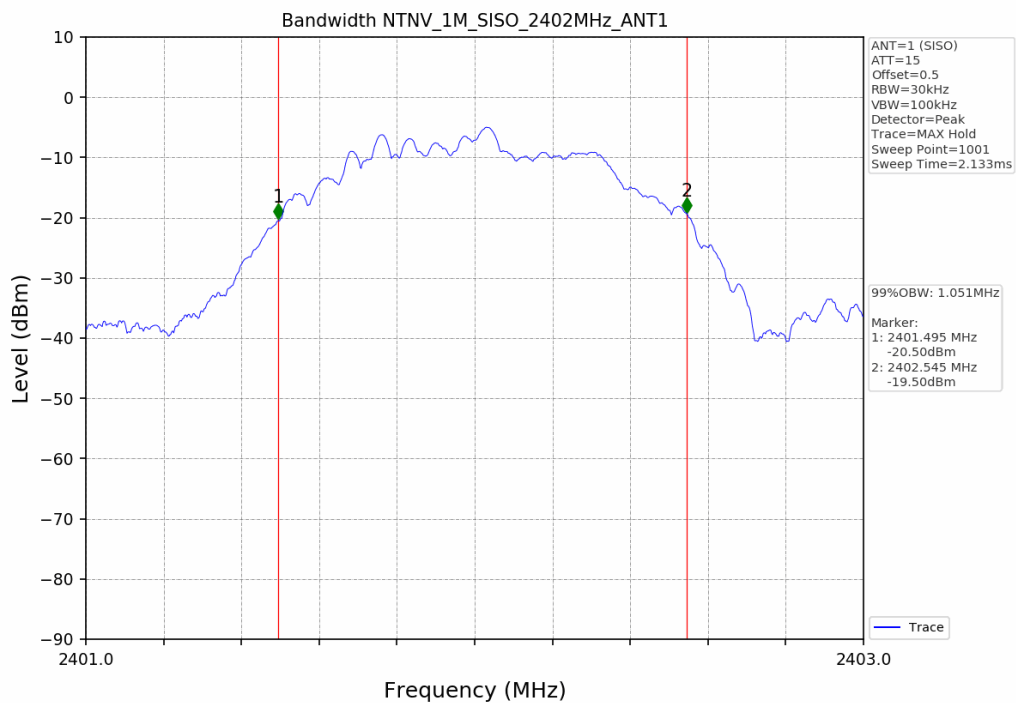
| Test Mode | Frequency (MHz) | TX Type | ANT No. | 99% Occupied Bandwidth | |
|-----------|-----------------|---------|---------|------------------------|---------------------|
| | | | | Test Result (MHz) | |
| GFSK | 2402 | SISO | 1 | 1.051 | Only for Report Use |
| | 2440 | SISO | 1 | 1.054 | Only for Report Use |
| | 2480 | SISO | 1 | 1.053 | Only for Report Use |

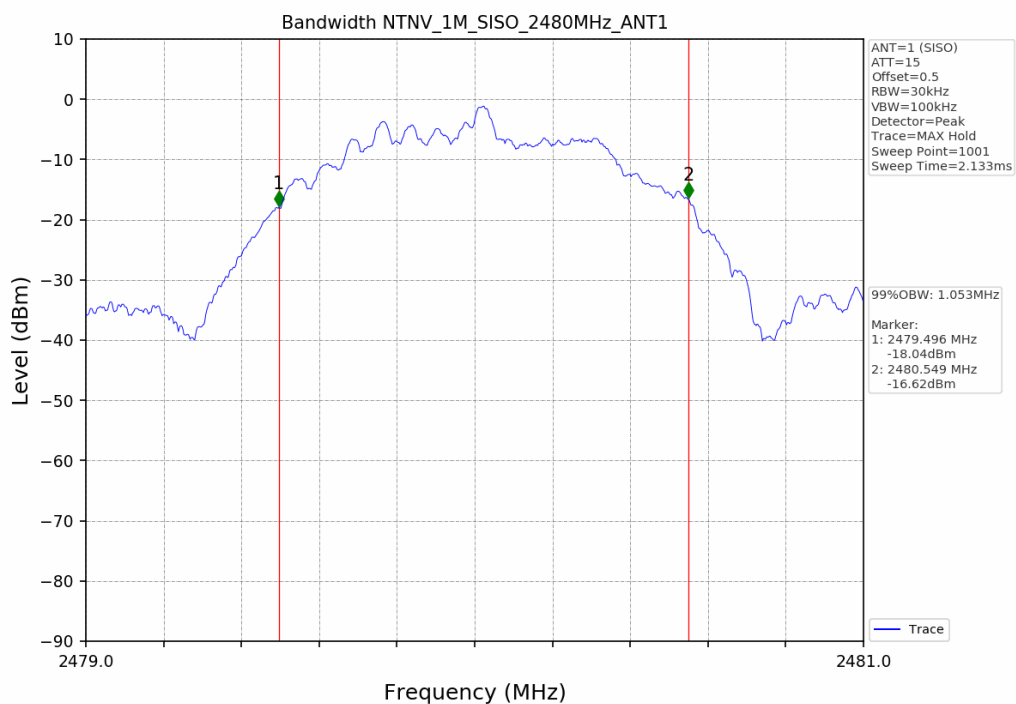
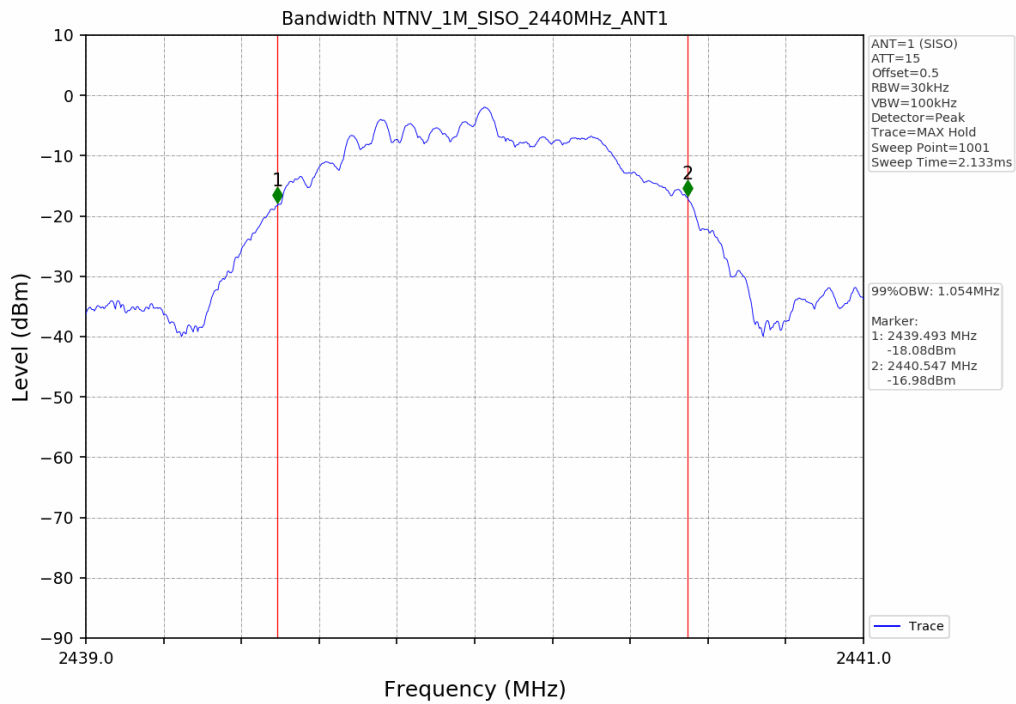
1.2 Test Graph - 6dB Bandwidth





1.3 Test Graph - 99% Occupied Bandwidth



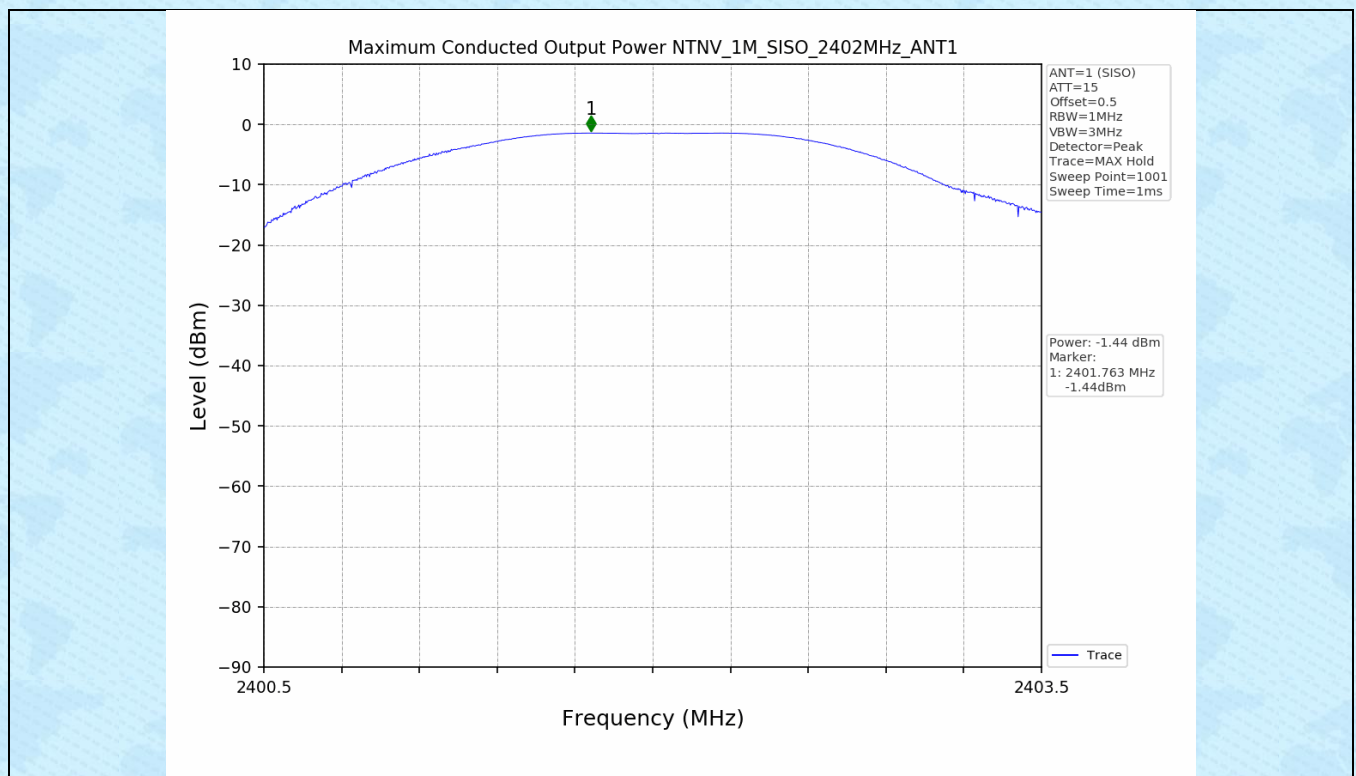


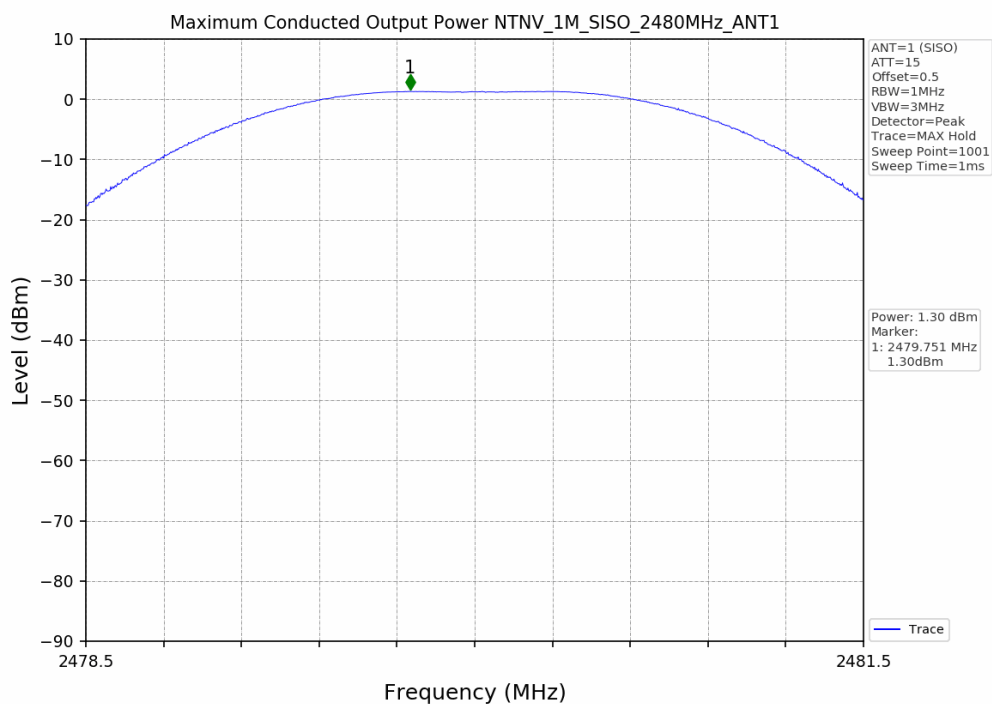
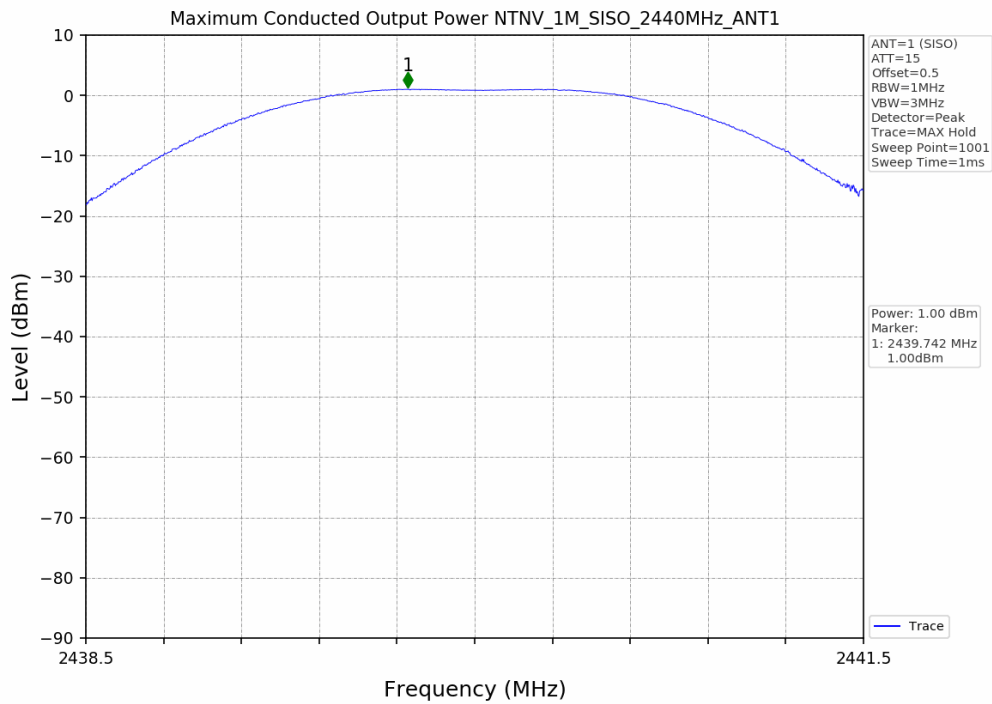
2. Maximum Conducted Output Power

2.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Measured Peak Output Power (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|----------------------------------|--------------|---------|
| GFSK | 2402 | SISO | -1.44 | 30 | PASS |
| | 2440 | SISO | 1.00 | 30 | PASS |
| | 2480 | SISO | 1.30 | 30 | PASS |

2.2 Test Graph



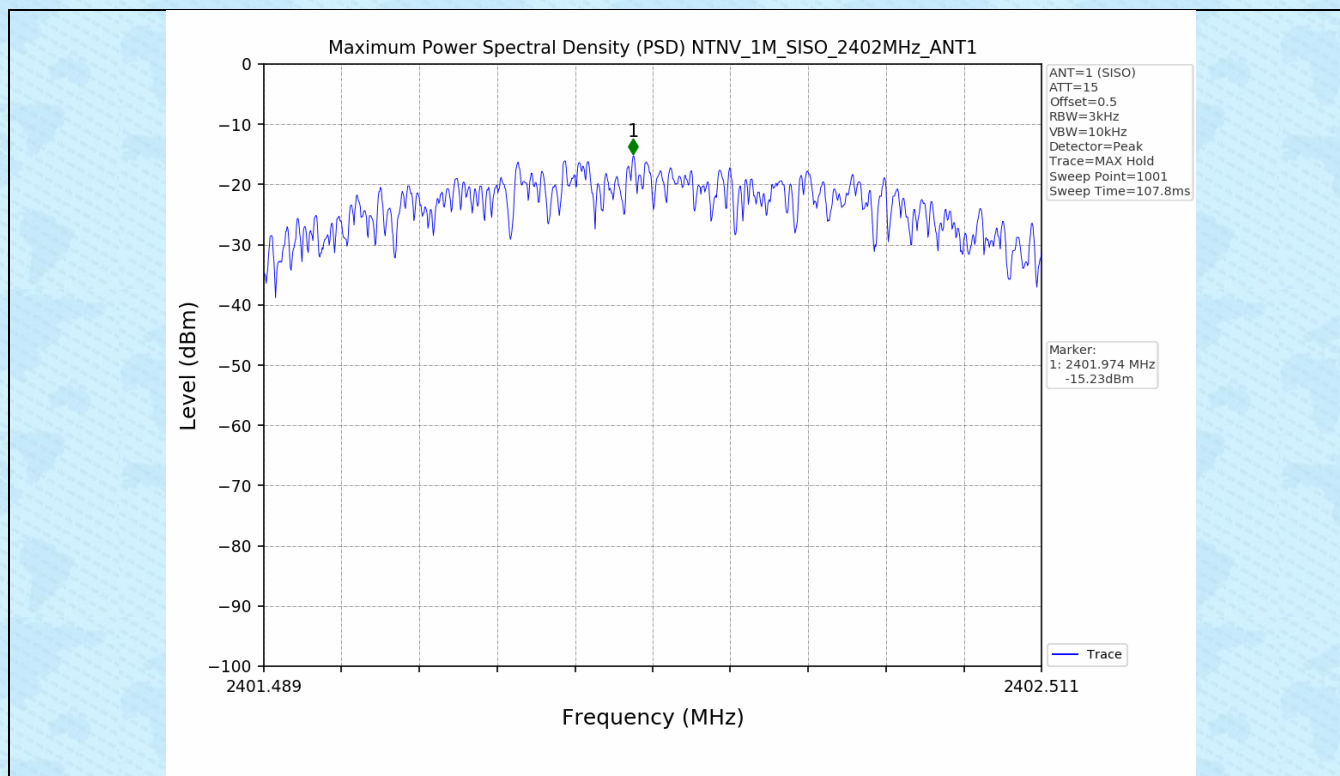


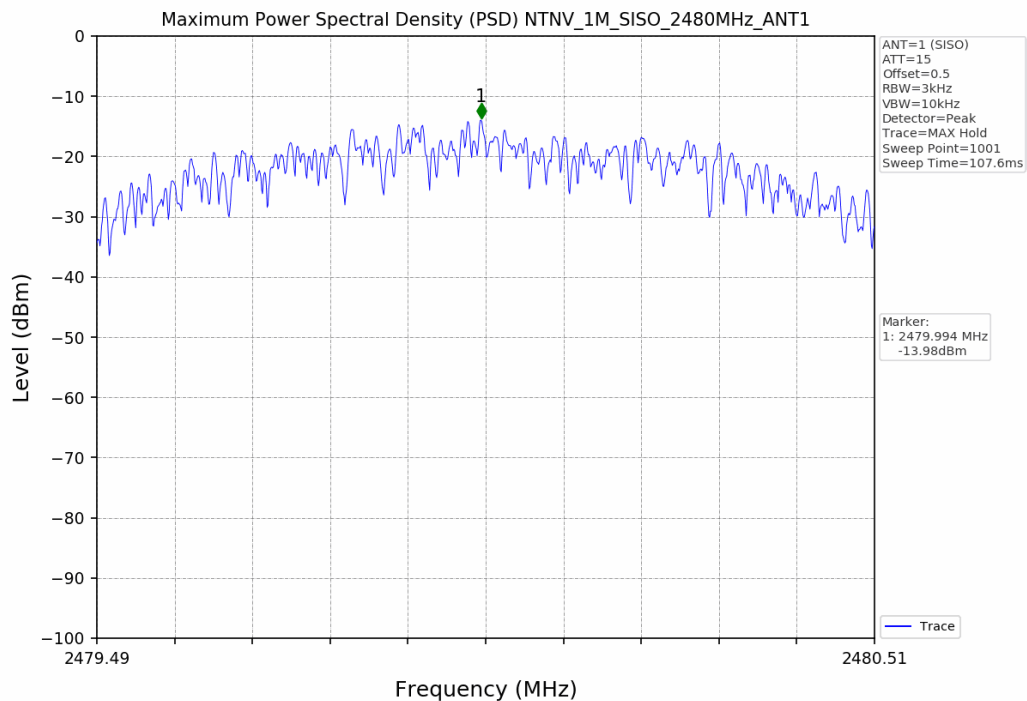
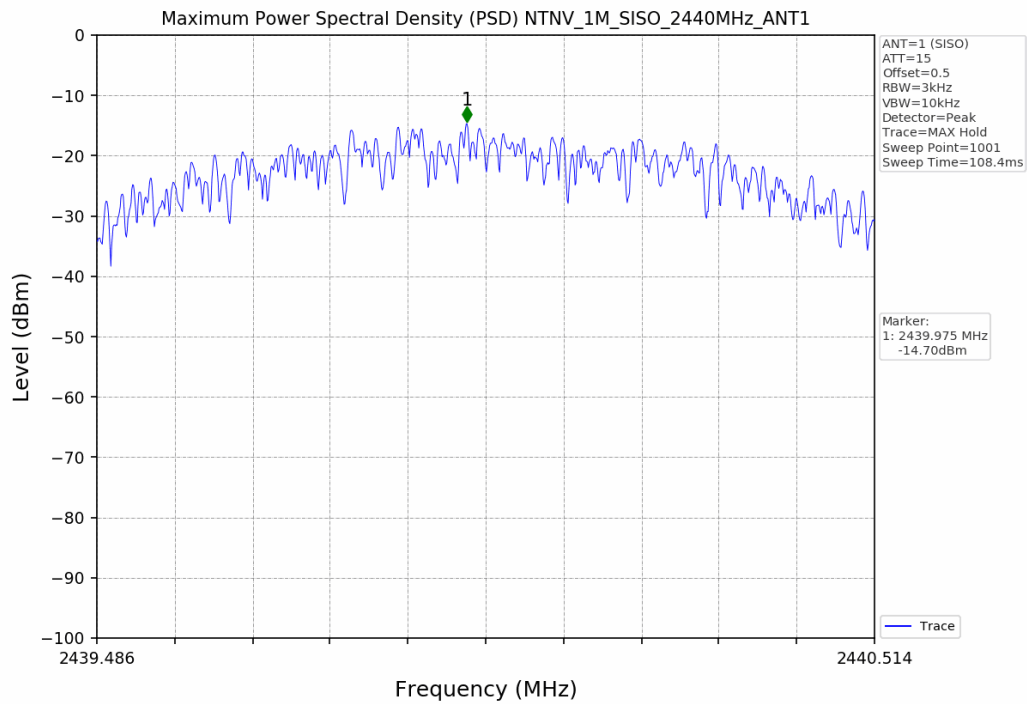
3. Maximum Power Spectral Density (PSD)

3.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Maximum Power Spectral Density (dBm/3KHz) | Limits (dBm/3kHz) | Verdict |
|-----------|-----------------|---------|---|-------------------|---------|
| GFSK | 2402 | SISO | -15.23 | ≤8 | PASS |
| | 2440 | SISO | -14.70 | ≤8 | PASS |
| | 2480 | SISO | -13.98 | ≤8 | PASS |

3.2 Test Graph



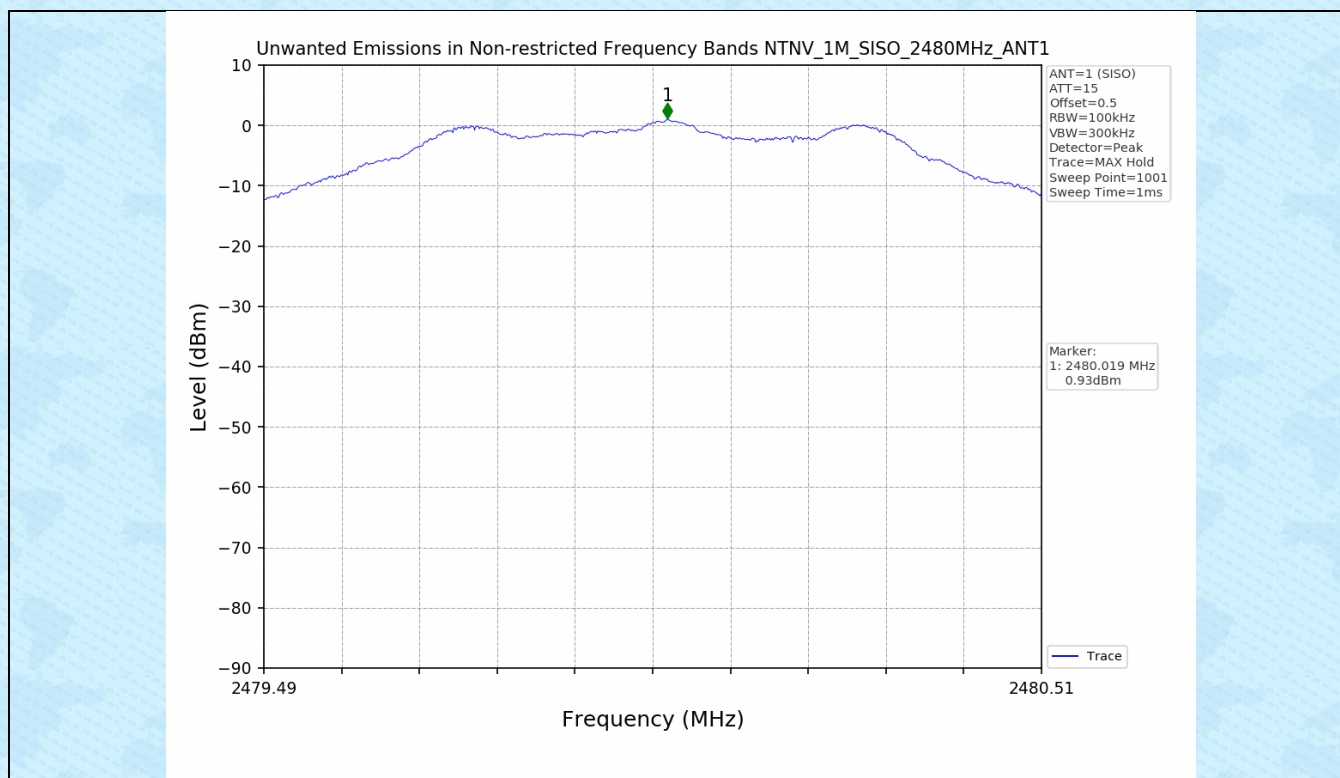


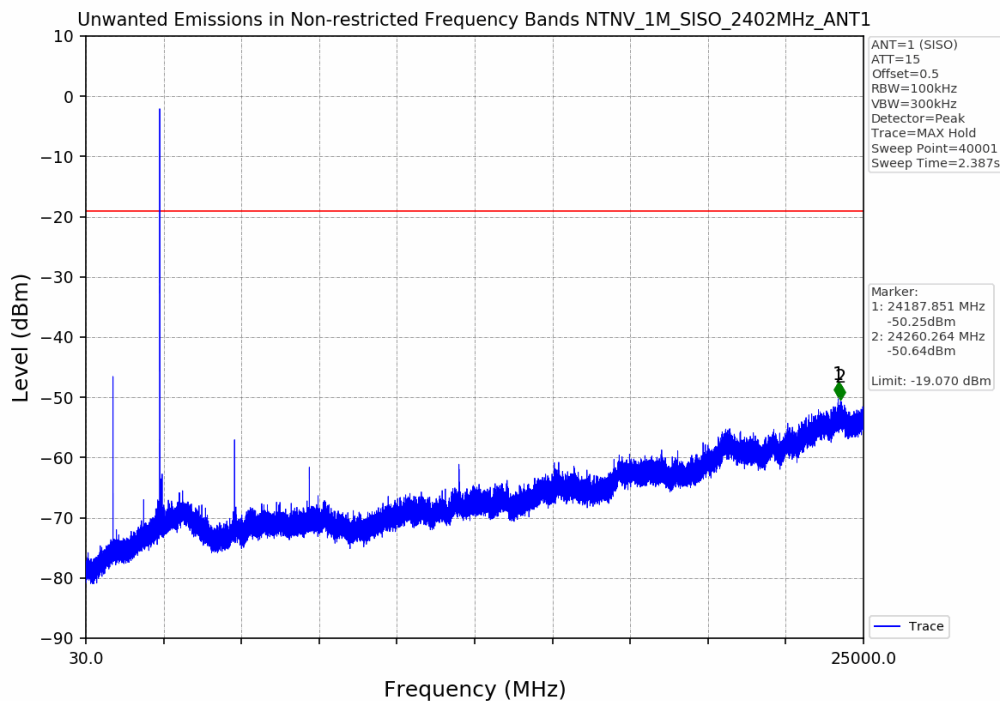
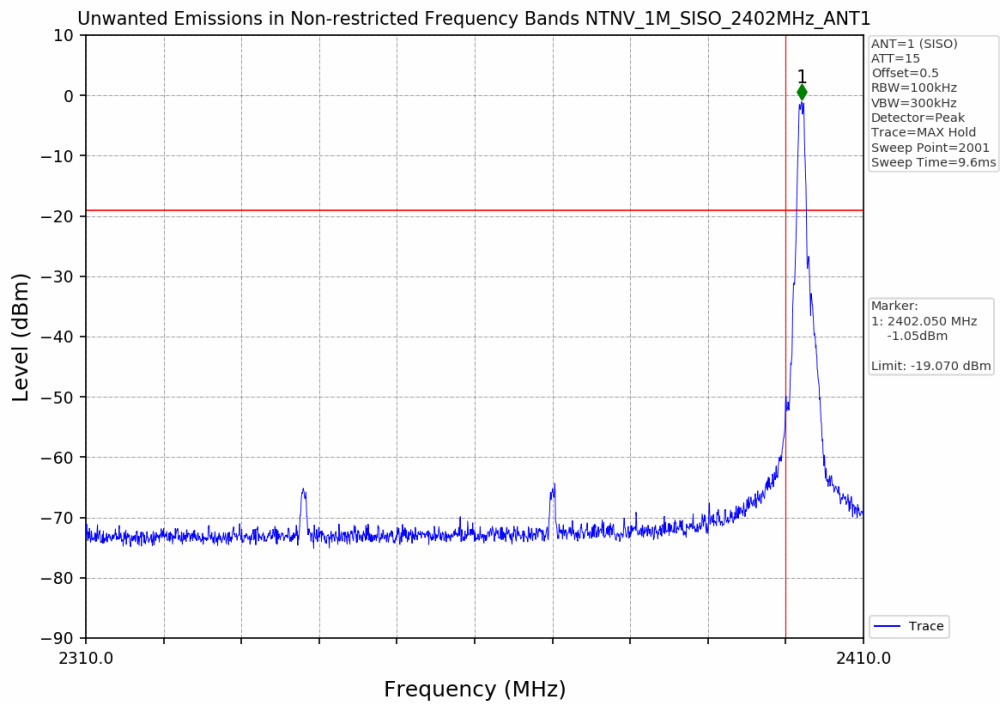
4. Unwanted Emissions in Non-restricted Frequency Bands

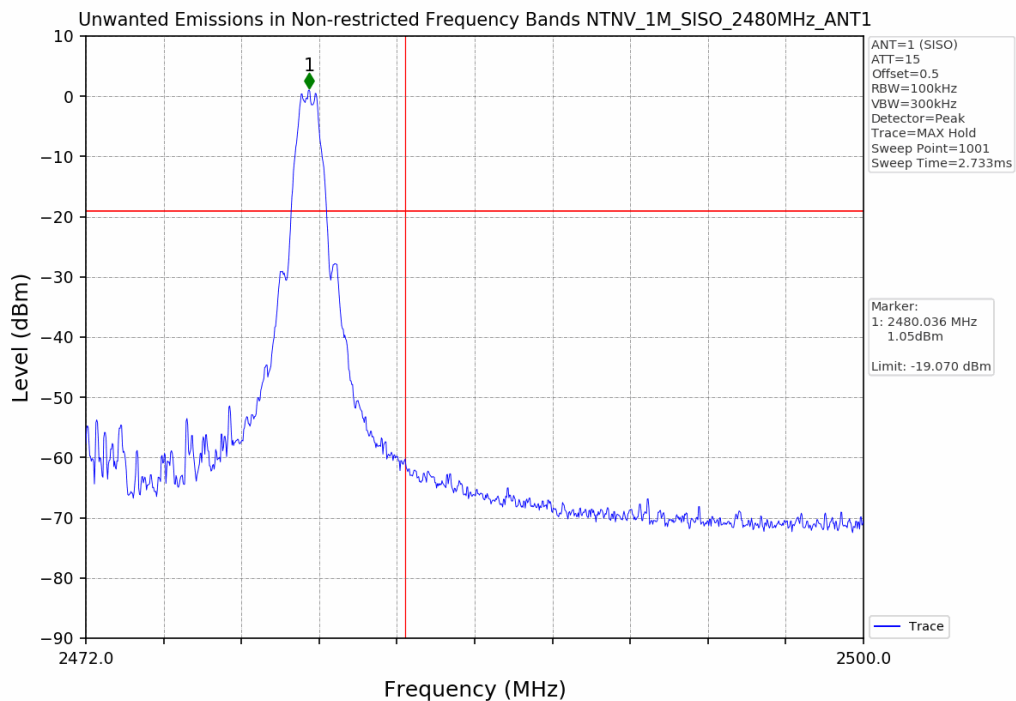
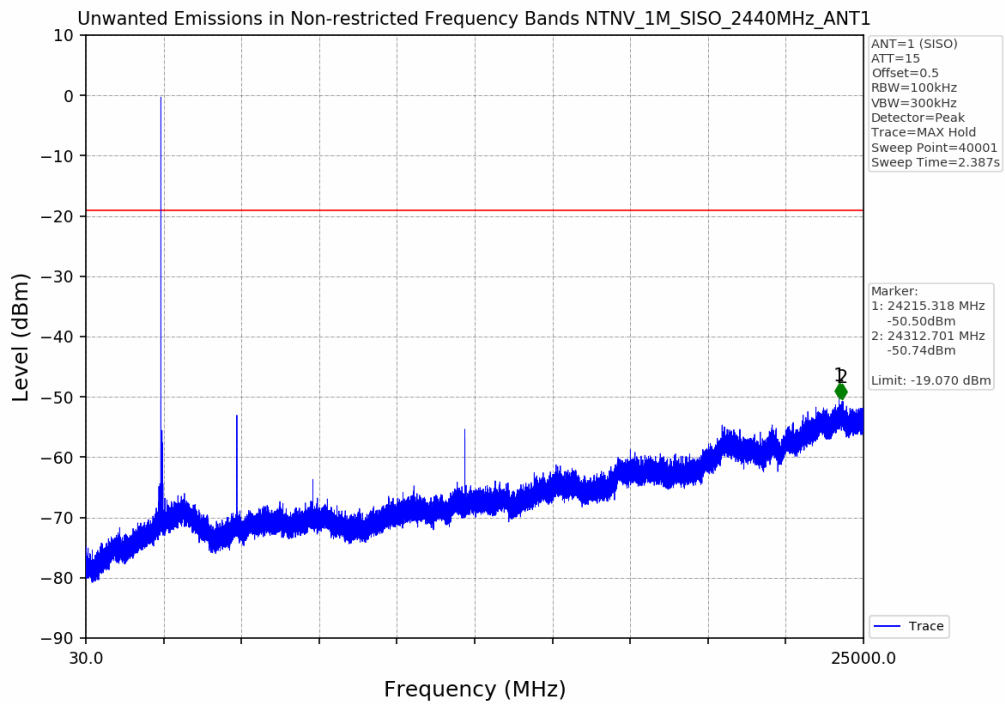
4.1 Test Result

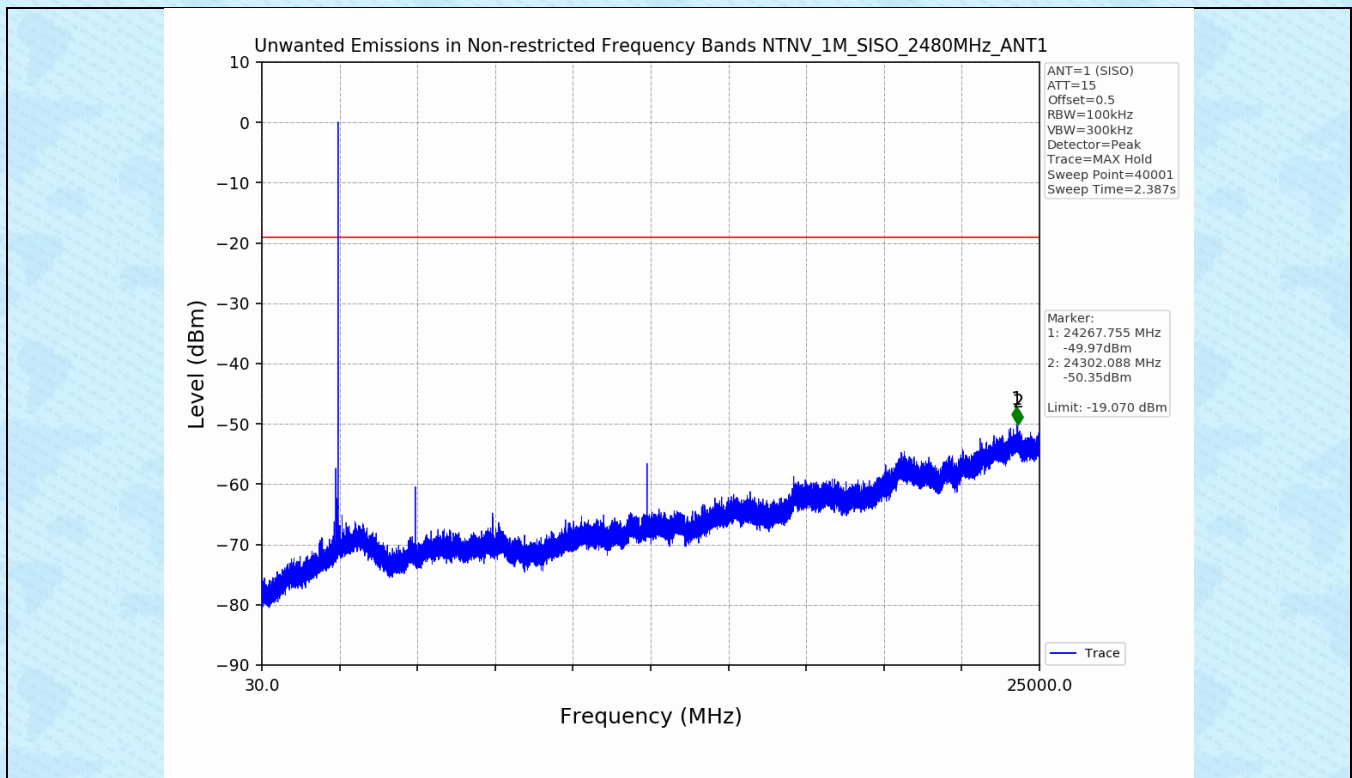
| Test Mode | Frequency (MHz) | TX Type | ANT No. | Spurious Conducted Emission (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|---------|-----------------------------------|--------------|---------|
| GFSK | 2402 | SISO | 1 | Refer to test graph | -19.07 | PASS |
| | 2440 | SISO | 1 | Refer to test graph | -19.07 | PASS |
| | 2480 | SISO | 1 | Refer to test graph | -19.07 | PASS |

4.2 Test Graph









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