

Annex for BLE FCC Part 15.247

Test Report No. : CTL2006182101-WF02

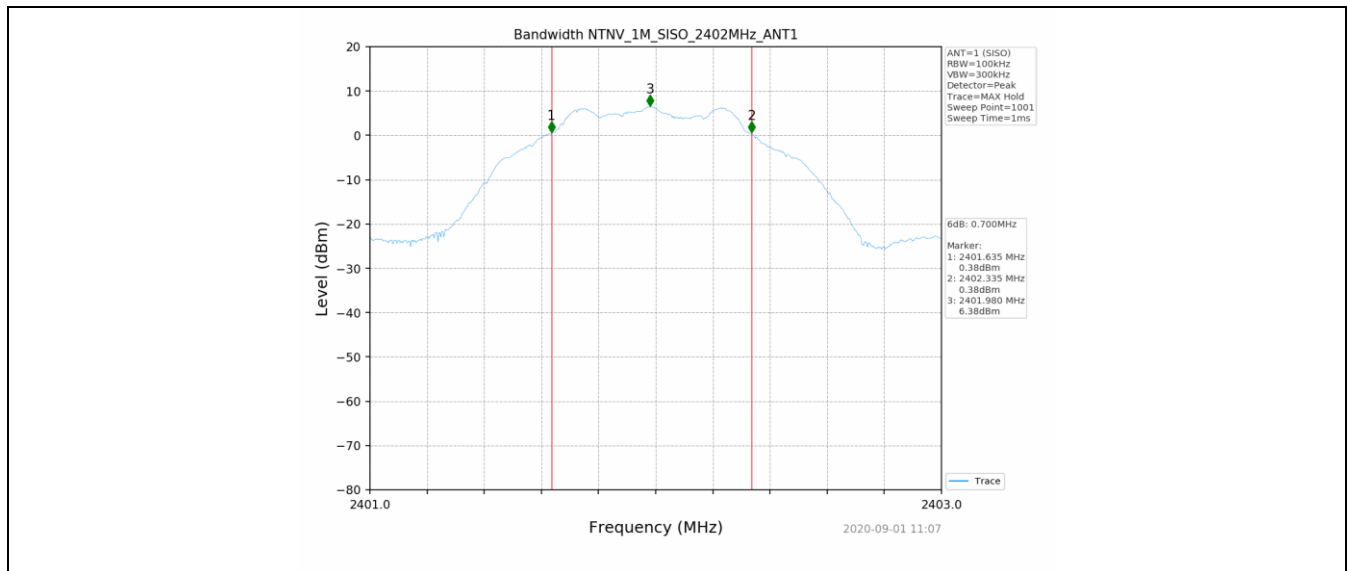
1. Bandwidth

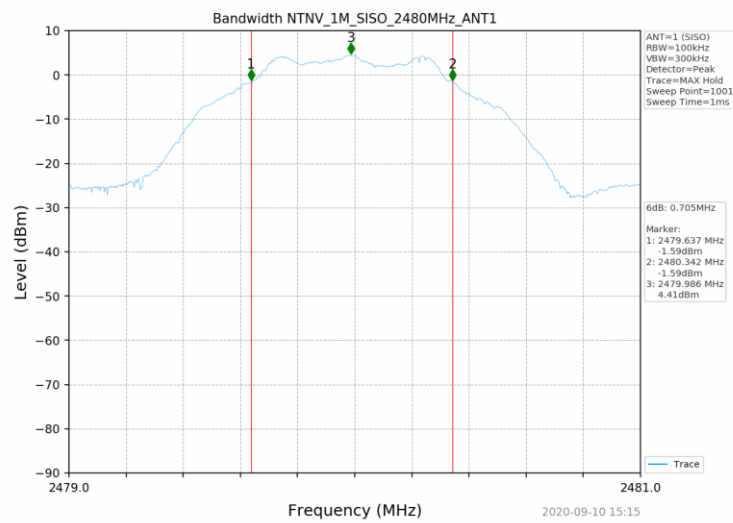
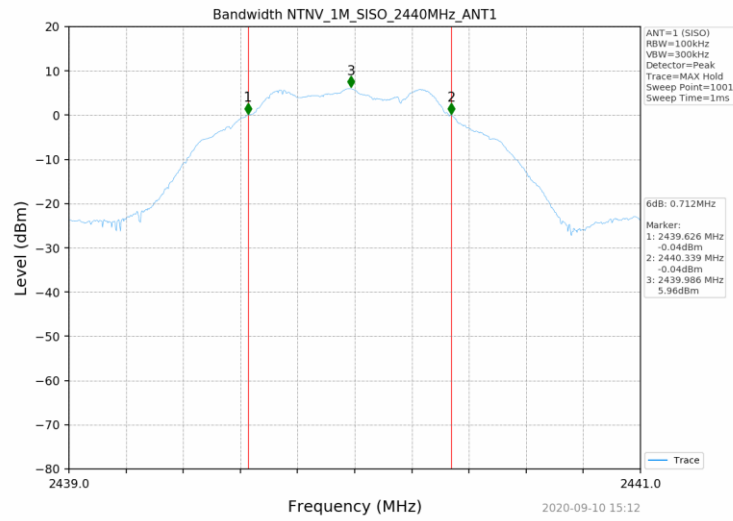
1.1 Test Result

| Test Mode | Frequency (MHz) | TX Type | ANT No. | 6dB Bandwidth | Verdict |
|-----------|-----------------|---------|---------|-------------------|---------|
| | | | | Test Result (MHz) | |
| 1M | 2402 | SISO | 1 | 0.700 | PASS |
| | 2440 | SISO | 1 | 0.712 | PASS |
| | 2480 | SISO | 1 | 0.705 | PASS |

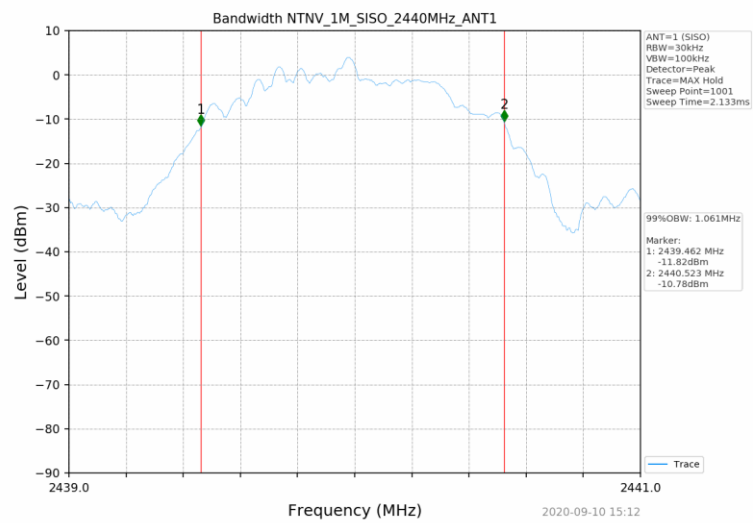
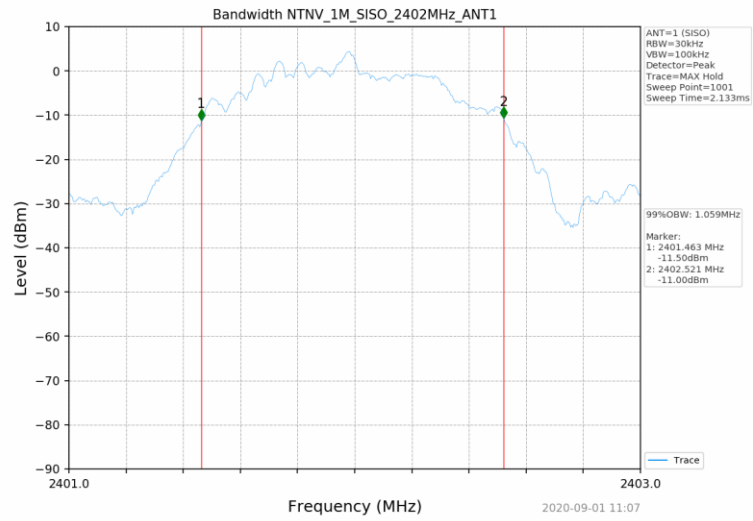
| Test Mode | Frequency (MHz) | TX Type | ANT No. | 99% Occupied Bandwidth | |
|-----------|-----------------|---------|---------|------------------------|---------------------|
| | | | | Test Result (MHz) | |
| 1M | 2402 | SISO | 1 | 1.059 | Only for Report Use |
| | 2440 | SISO | 1 | 1.061 | Only for Report Use |
| | 2480 | SISO | 1 | 1.061 | Only for Report Use |

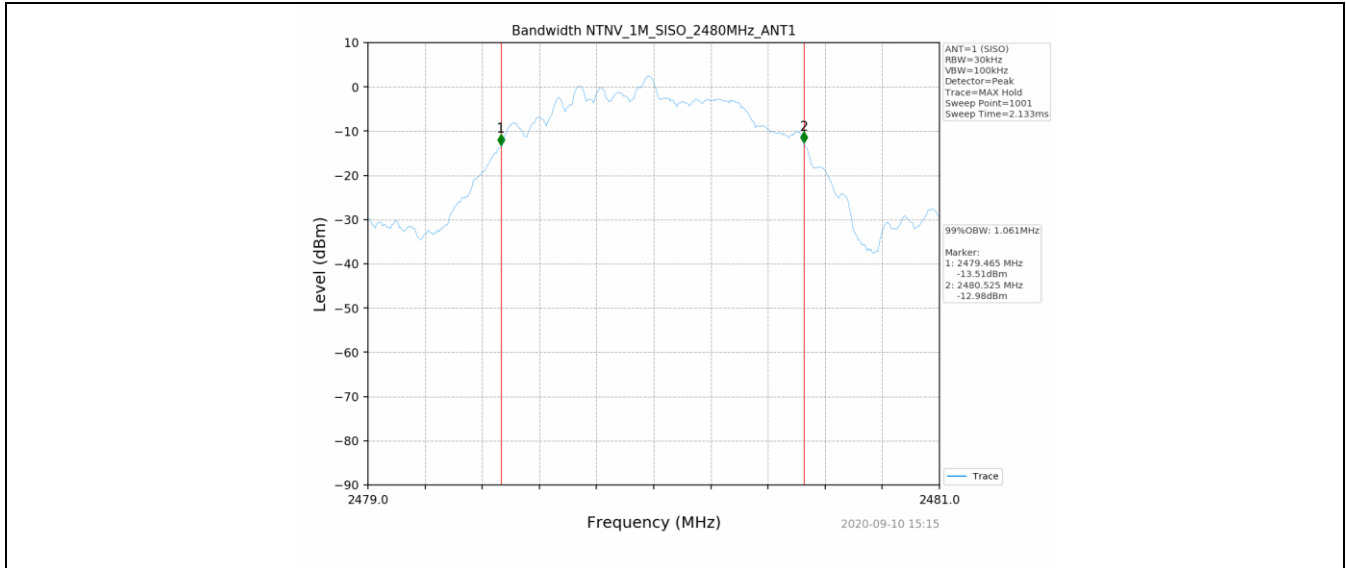
1.2 Test Graph - 6dB Bandwidth





1.3 Test Graph - 99% Occupied Bandwidth



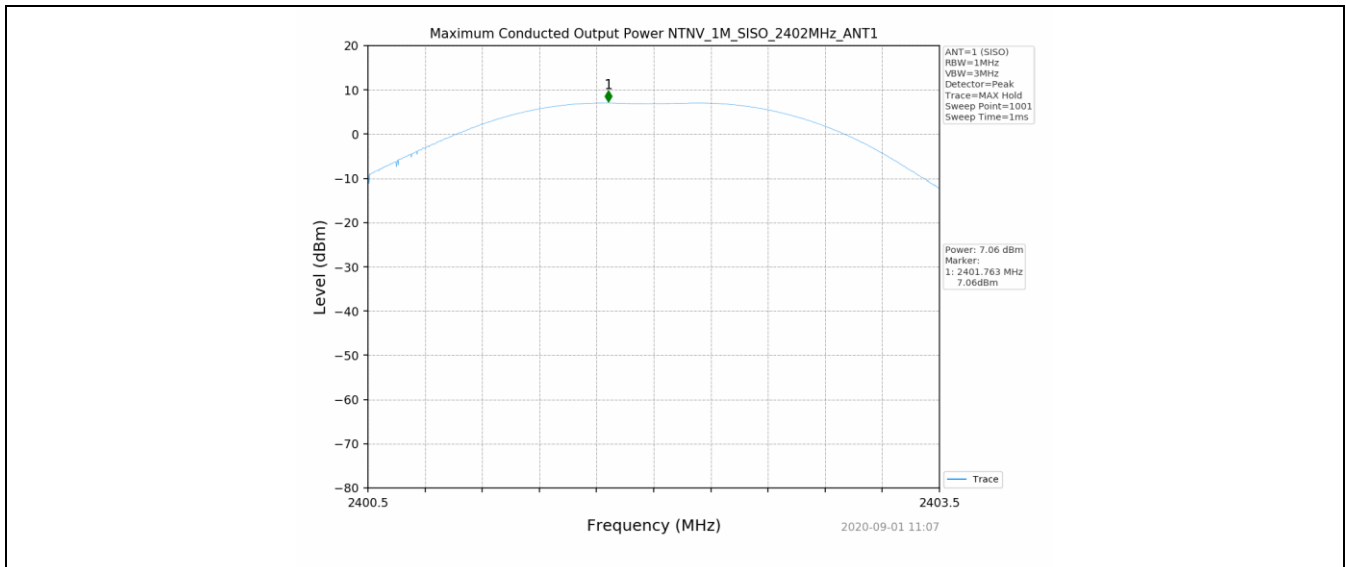


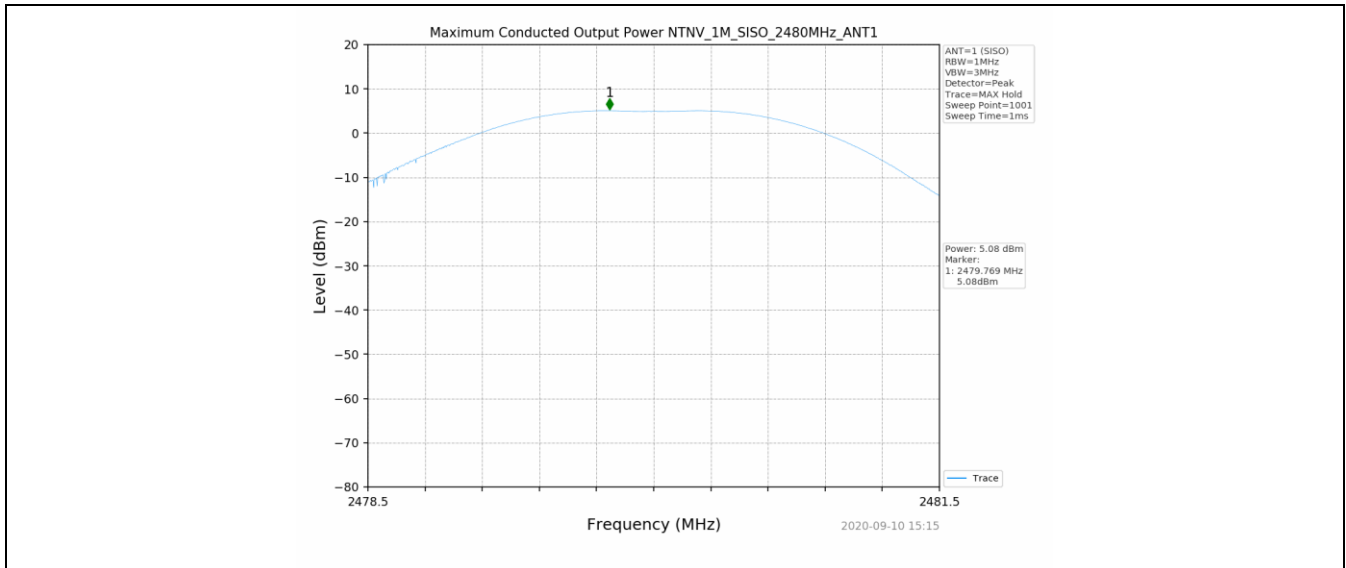
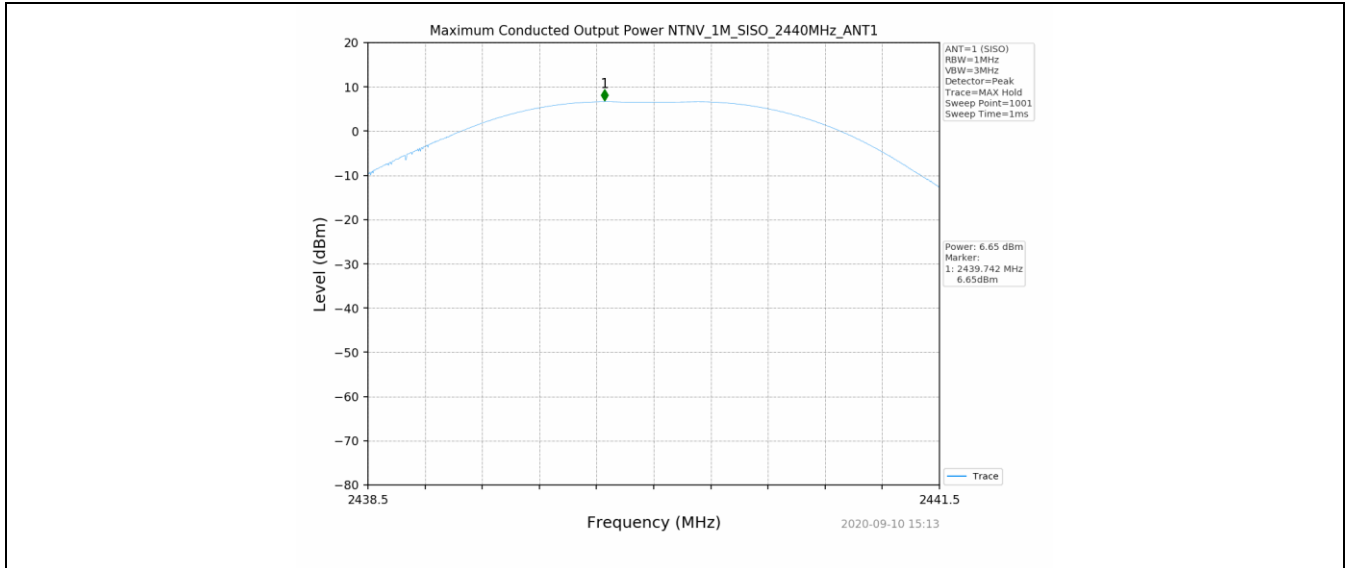
2. Maximum Conducted Output Power

2.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Measured Peak Output Power (dBm) | Limits (dBm) | Verdict |
|-----------|-----------------|---------|----------------------------------|--------------|---------|
| | | | Ant 1 | | |
| 1M | 2402 | SISO | 7.06 | 30 | PASS |
| | 2440 | SISO | 6.65 | 30 | PASS |
| | 2480 | SISO | 5.08 | 30 | PASS |

2.2 Test Graph



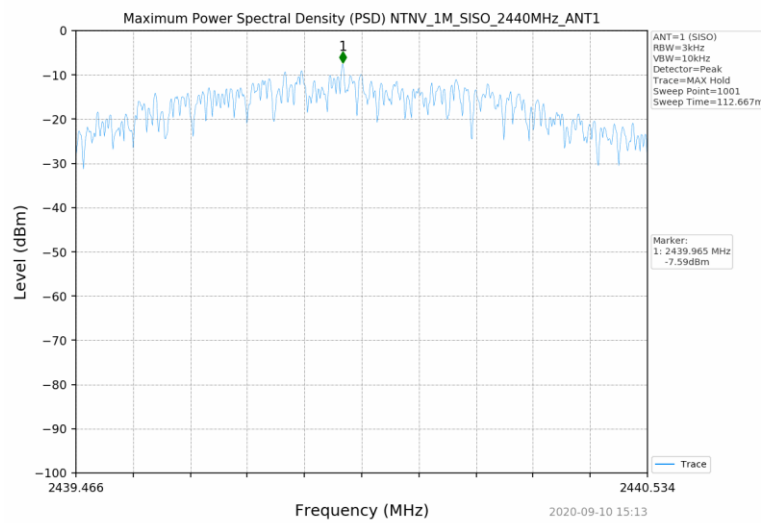
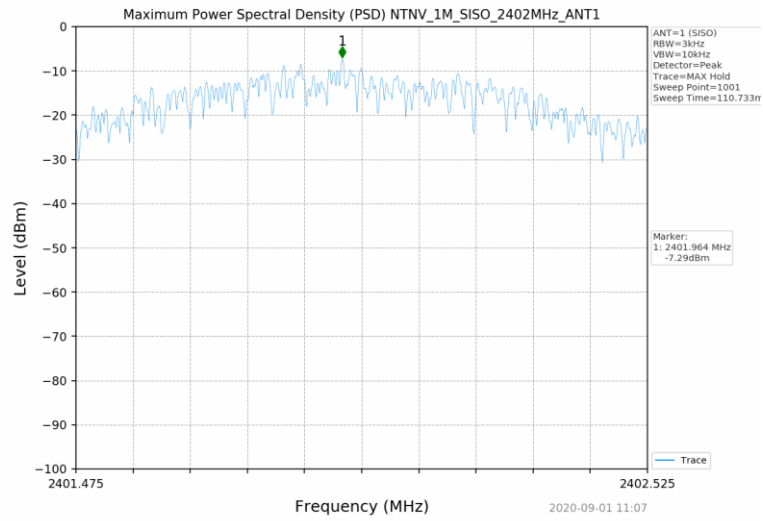


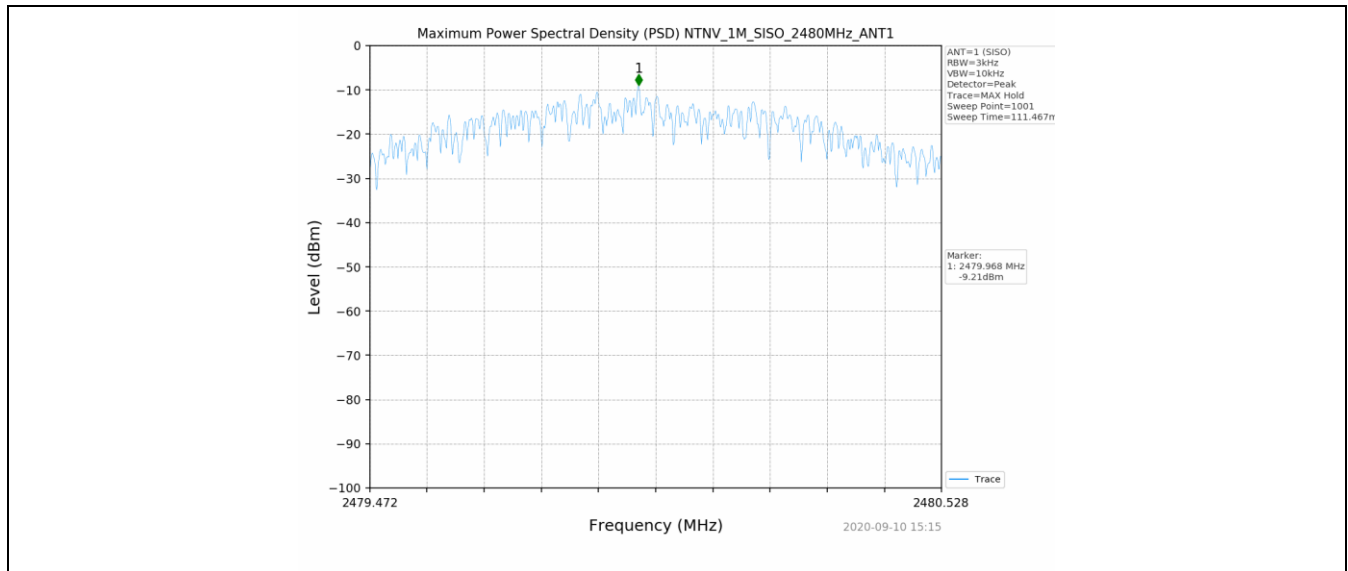
3. Maximum Power Spectral Density (PSD)

3.1 Test Result

| Test Mode | Frequency (MHz) | Tx Type | Maximum Power Spectral Density (dBm/3KHz) | Limits (dBm/3kHz) | Verdict |
|-----------|-----------------|---------|---|-------------------|---------|
| | | | Ant 1 | | |
| 1M | 2402 | SISO | -7.29 | ≤8 | PASS |
| | 2440 | SISO | -7.59 | ≤8 | PASS |
| | 2480 | SISO | -9.21 | ≤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 |
|-----------|-----------------|---------|---------|-----------------------------------|--------------|---------|
| 1M | 2402 | SISO | 1 | Refer to test graph | -13.61 | PASS |
| | 2440 | SISO | 1 | Refer to test graph | -13.61 | PASS |
| | 2480 | SISO | 1 | Refer to test graph | -13.61 | PASS |

4.2 Test Graph

