

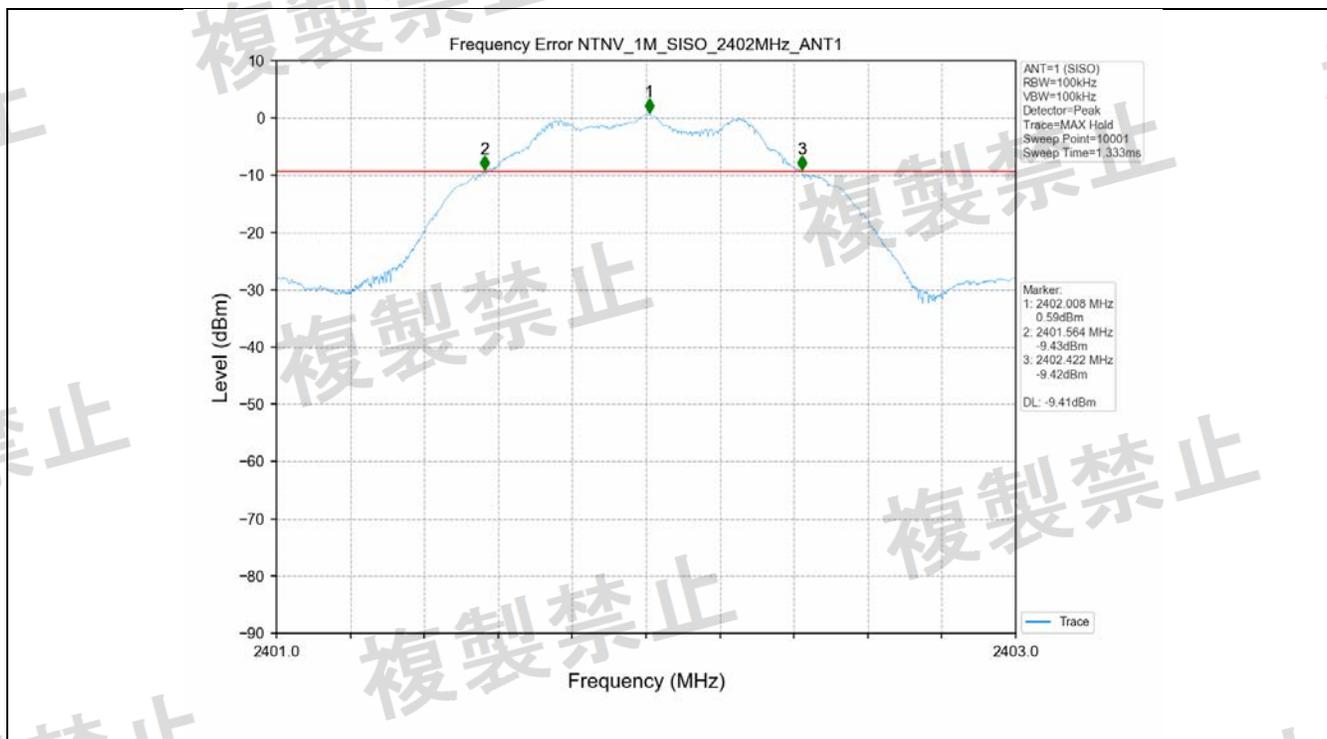
Appendix B for SHEM200700606002

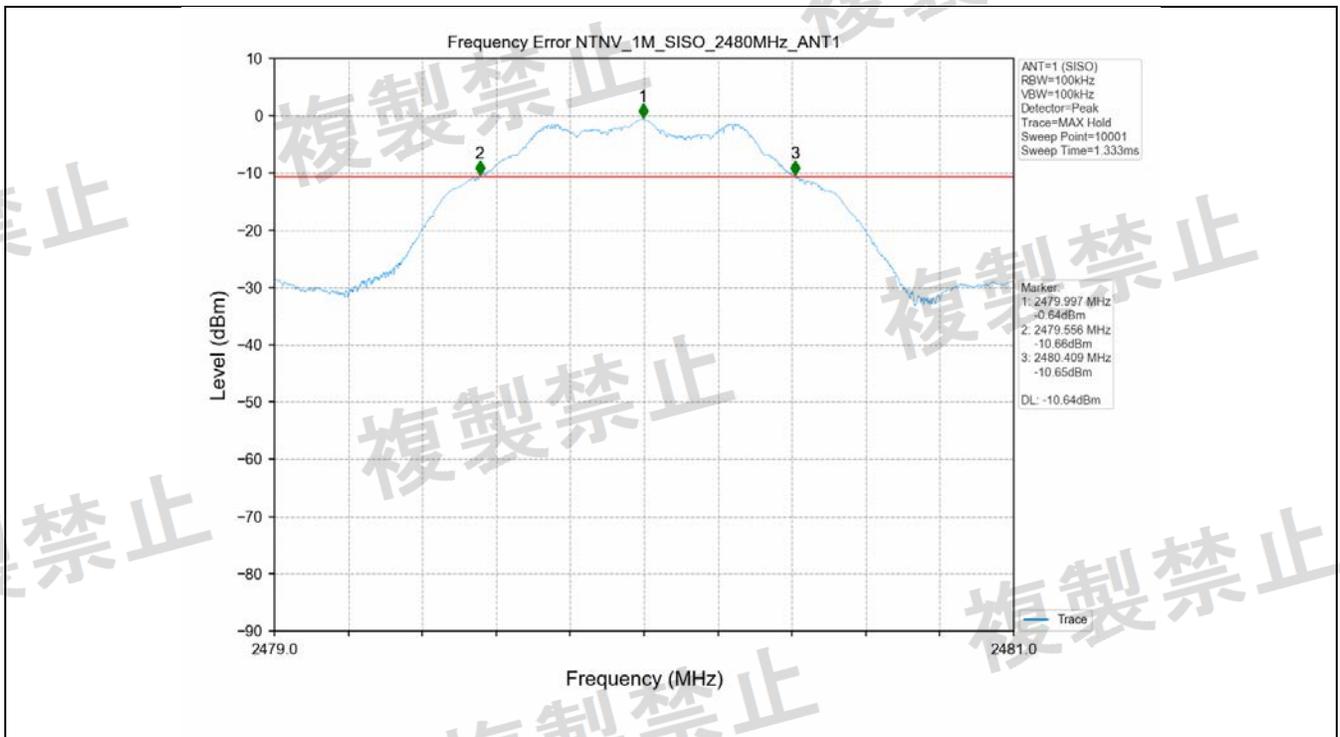
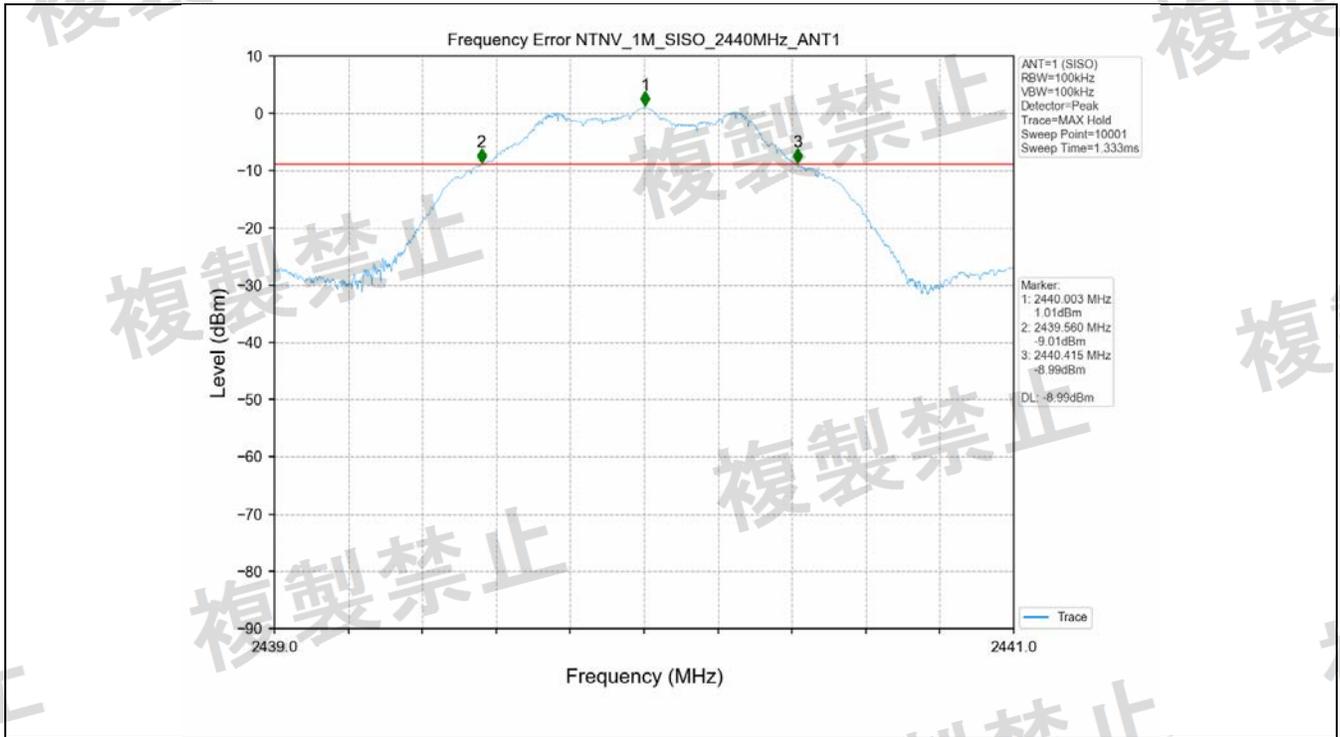
1. Frequency Error

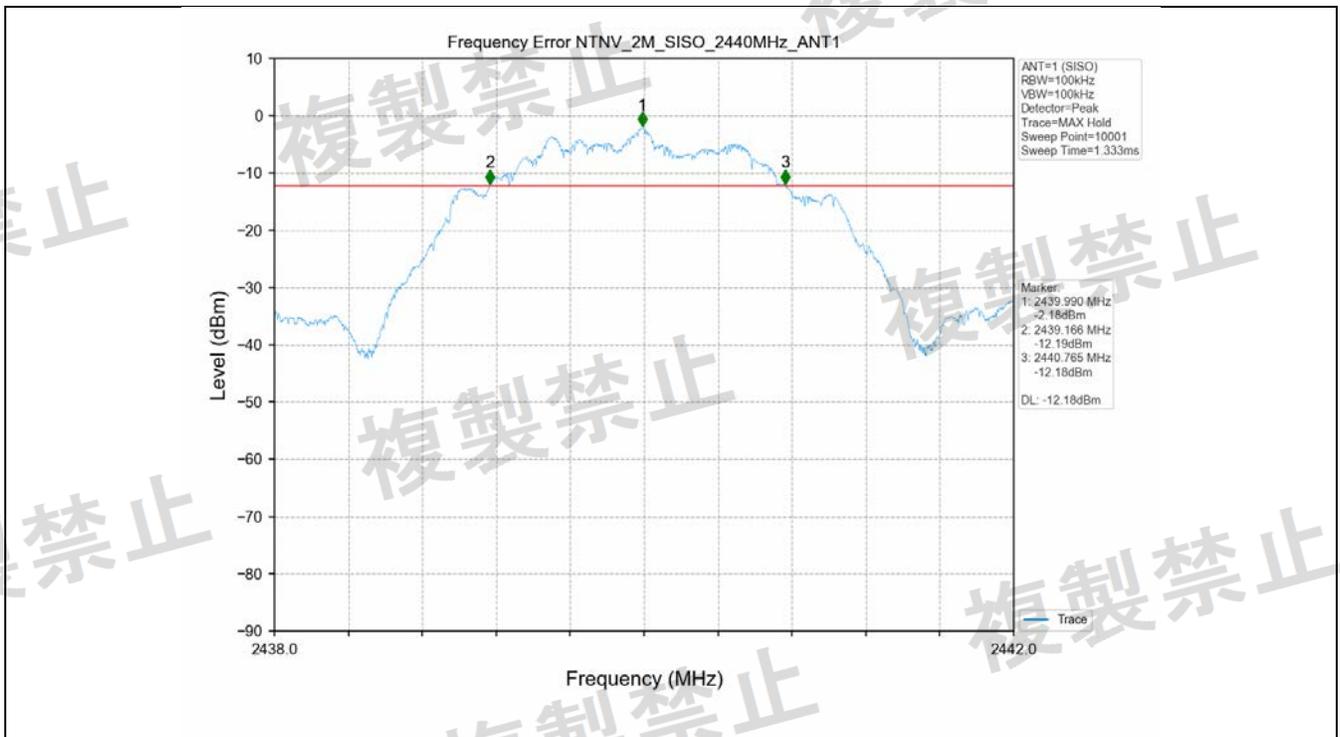
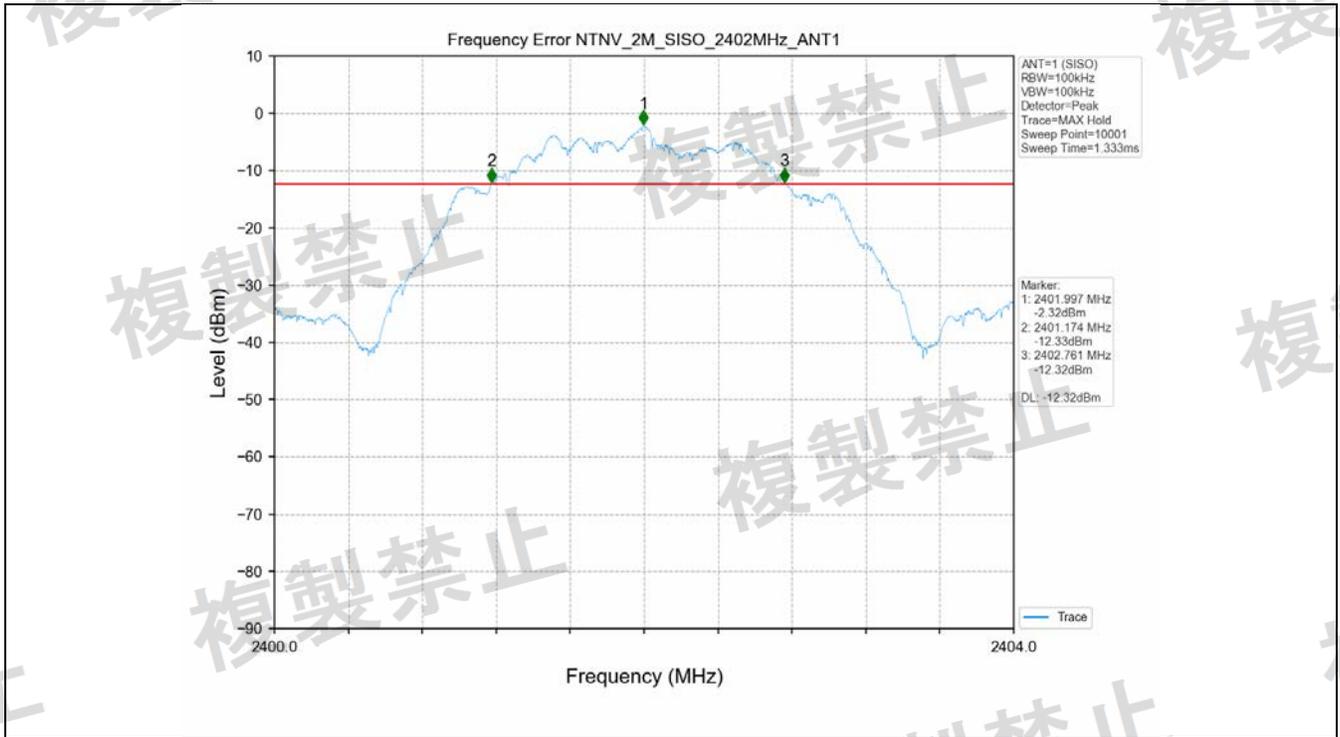
1.1 Test Result

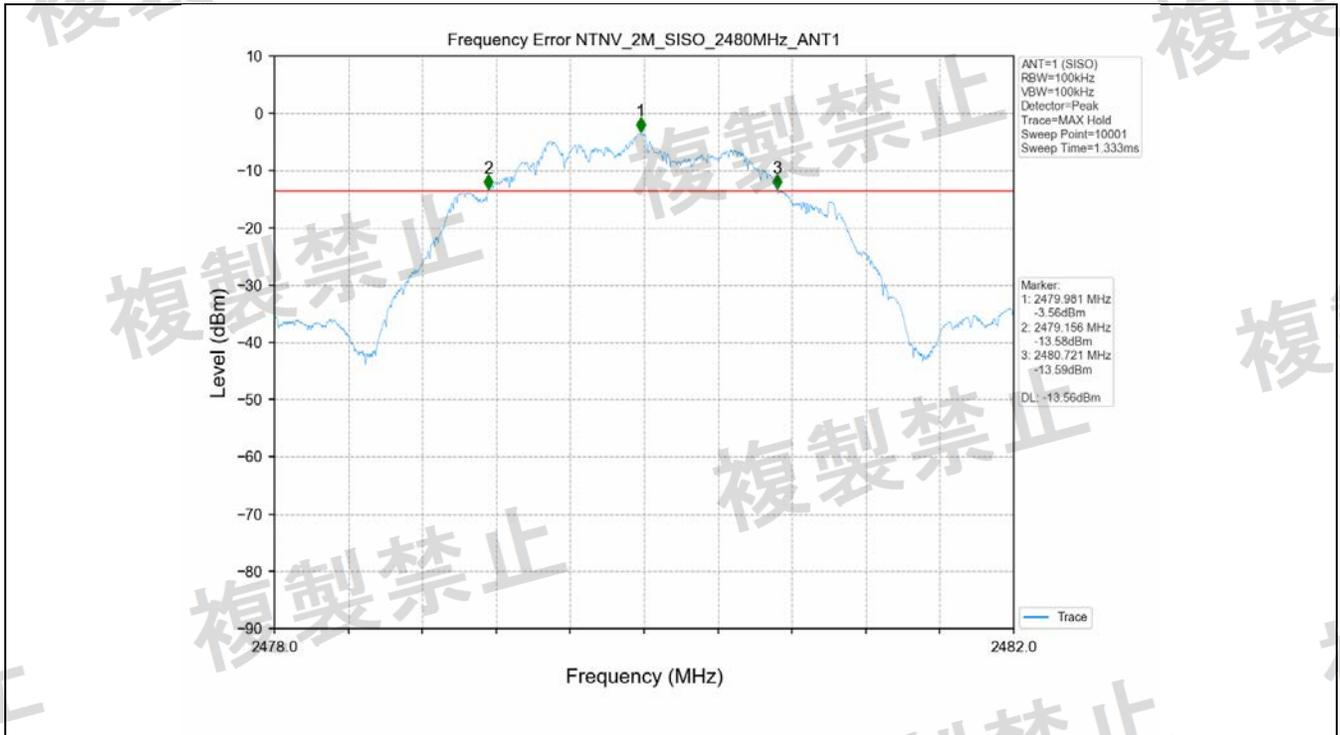
| Test Condition | Test Mode | TX Type | Test Channel [MHz] | Ant | Result [MHz] | Tolerance [ppm] | Limit [ppm] | Verdict |
|----------------|-----------|---------|--------------------|-----|--------------|-----------------|-------------|---------|
| NTNV | 1M | SISO | 2402 | 1 | 2401.993 | -2.91 | -50 to +50 | PASS |
| | | | 2440 | 1 | 2439.988 | -5.12 | -50 to +50 | PASS |
| | | | 2480 | 1 | 2479.982 | -7.06 | -50 to +50 | PASS |
| | 2M | SISO | 2402 | 1 | 2401.967 | -13.53 | -50 to +50 | PASS |
| | | | 2440 | 1 | 2439.966 | -14.14 | -50 to +50 | PASS |
| | | | 2480 | 1 | 2479.938 | -24.8 | -50 to +50 | PASS |

1.2 Test Graph







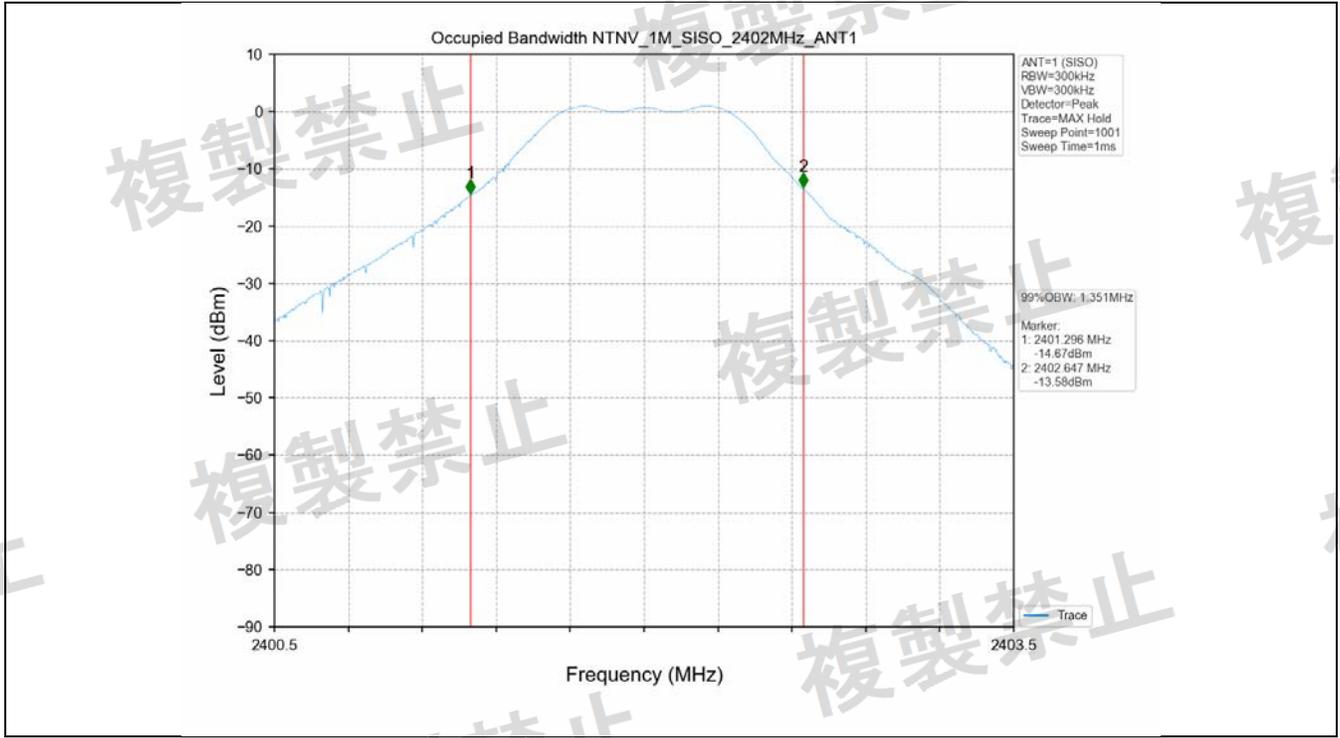


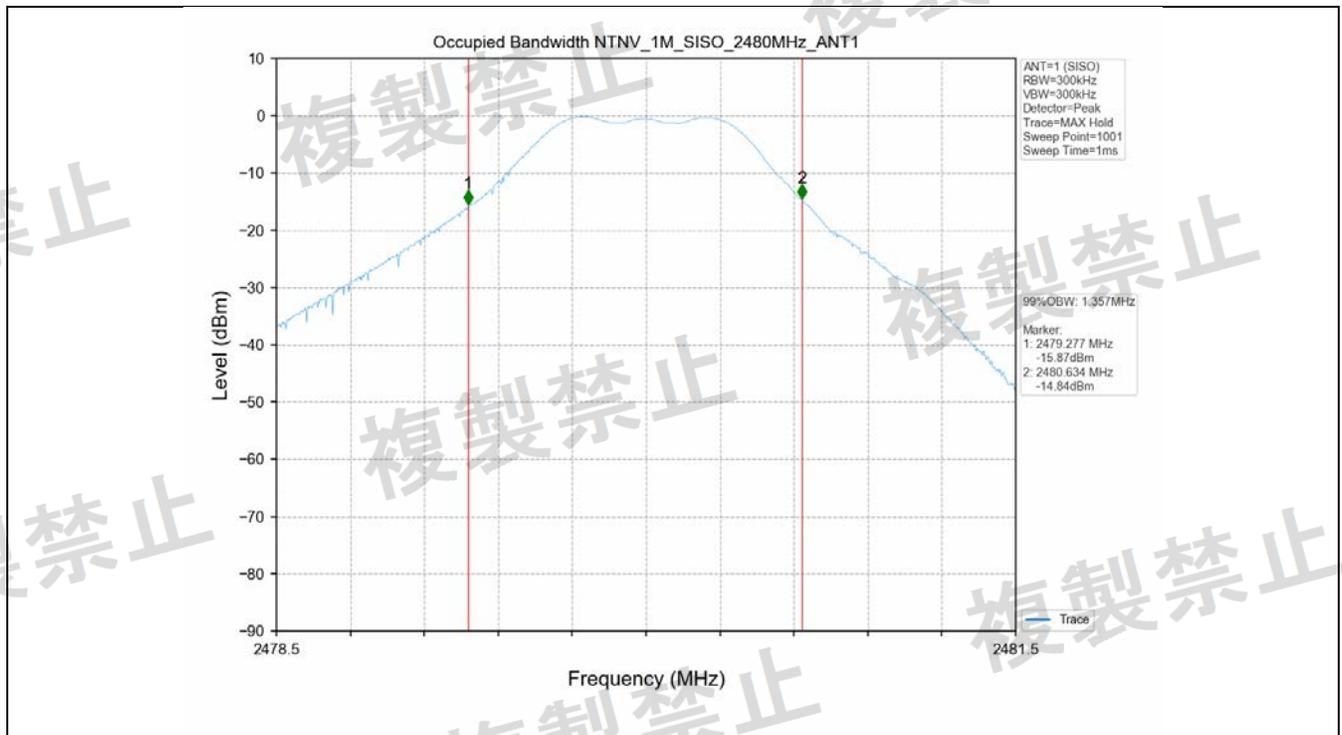
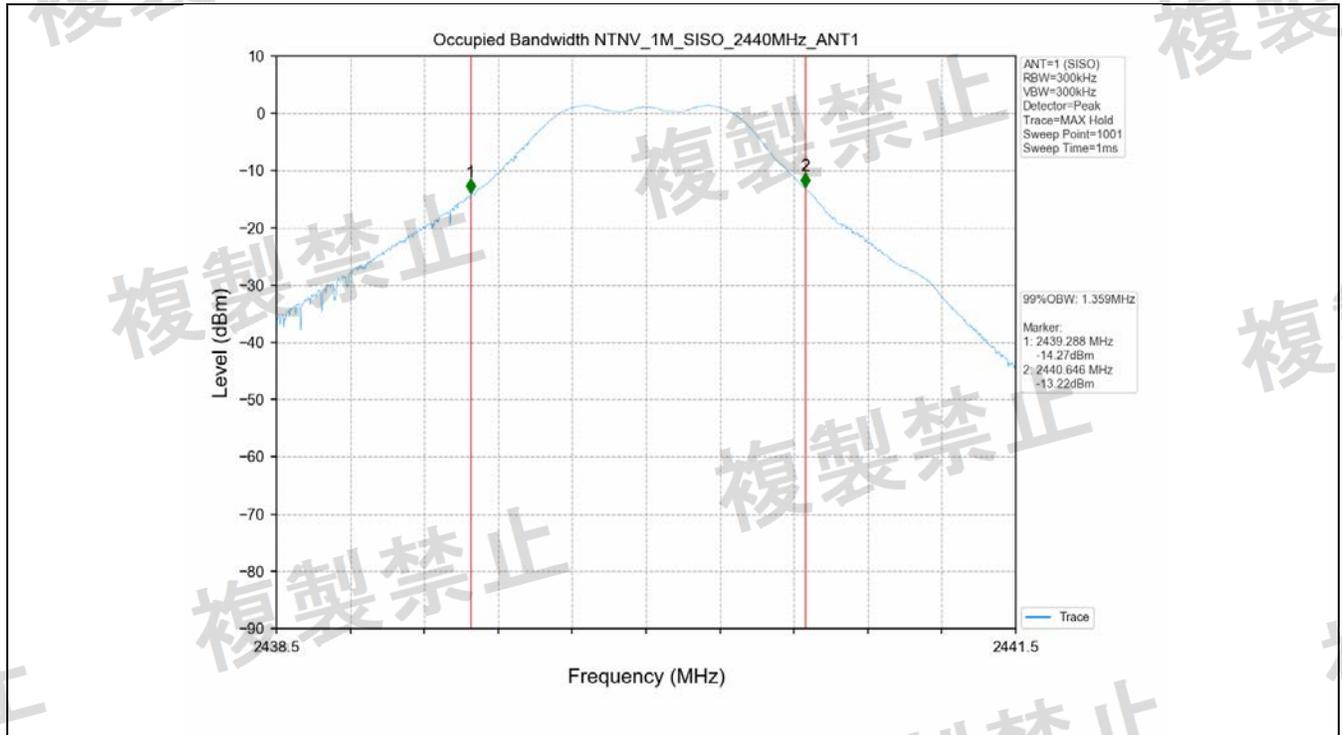
2. Occupied Bandwidth

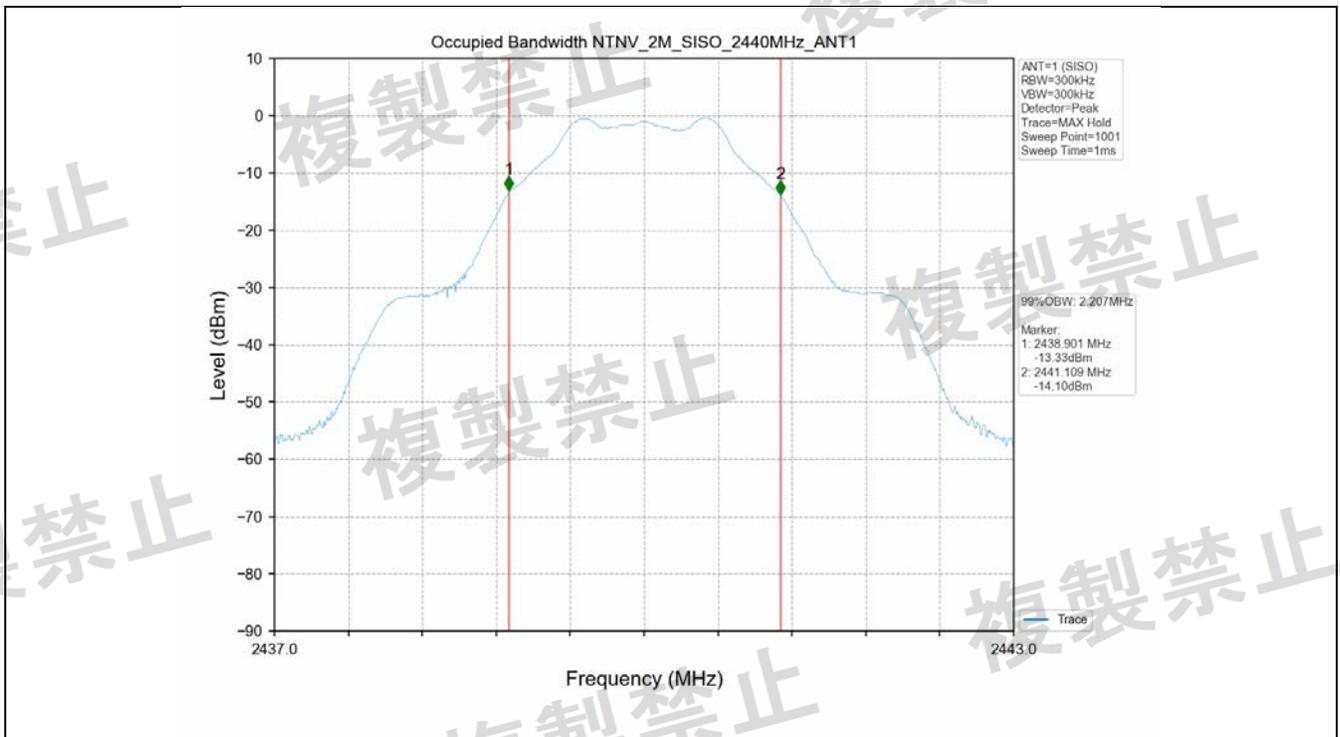
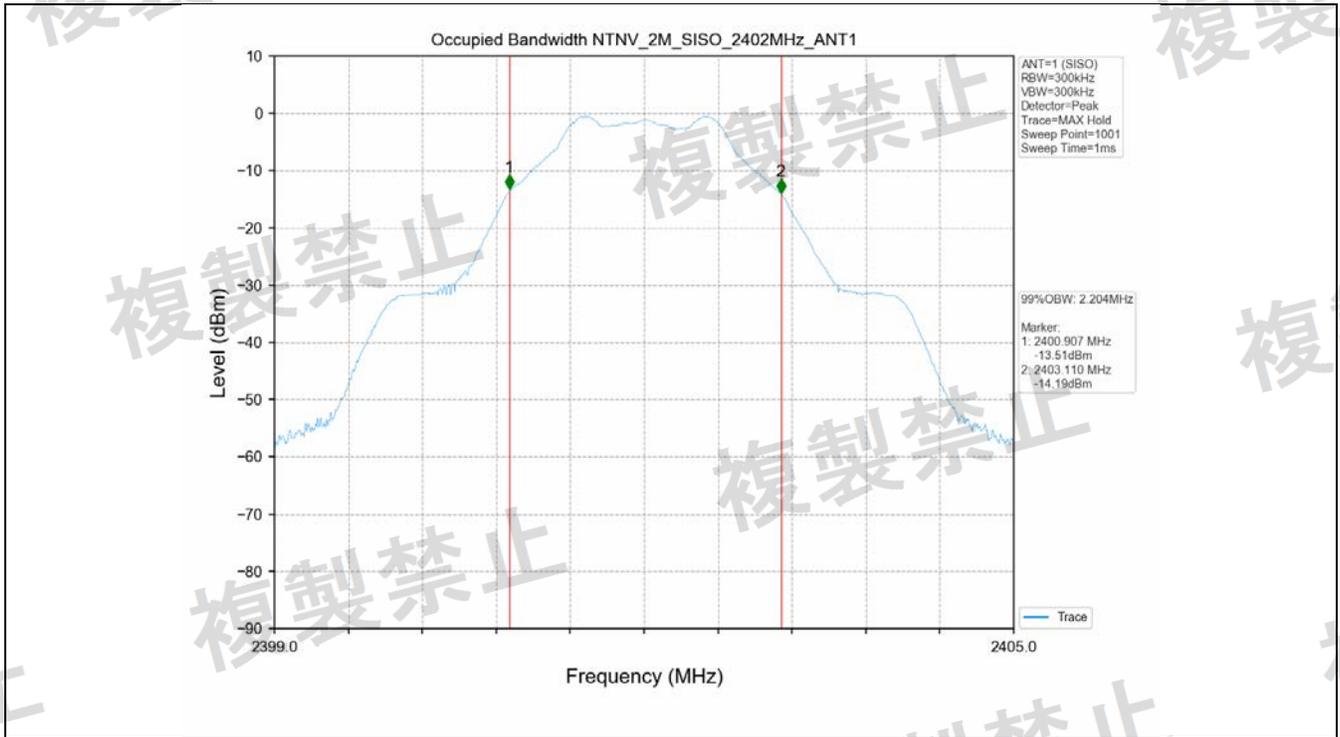
2.1 Test Result

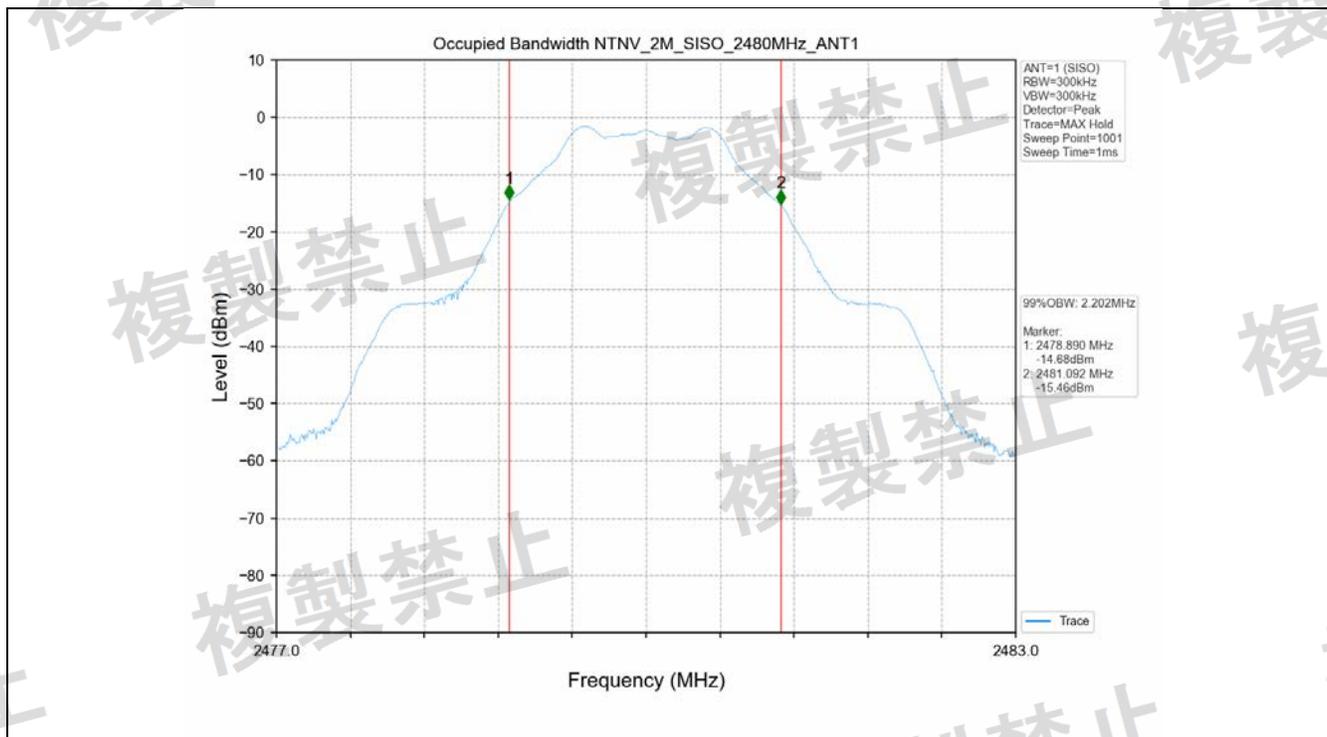
| Test Condition | Test Mode | TX Type | Test Channel [MHz] | Ant | Test Result [MHz] | Limit [MHz] | Verdict |
|----------------|-----------|---------|--------------------|-----|-------------------|-------------|---------|
| NTNV | 1M | SISO | 2402 | 1 | 1.351 | <=26 | PASS |
| | | | 2440 | 1 | 1.359 | <=26 | PASS |
| | | | 2480 | 1 | 1.357 | <=26 | PASS |
| | 2M | SISO | 2402 | 1 | 2.204 | <=26 | PASS |
| | | | 2440 | 1 | 2.207 | <=26 | PASS |
| | | | 2480 | 1 | 2.202 | <=26 | PASS |

2.2 Test Graph







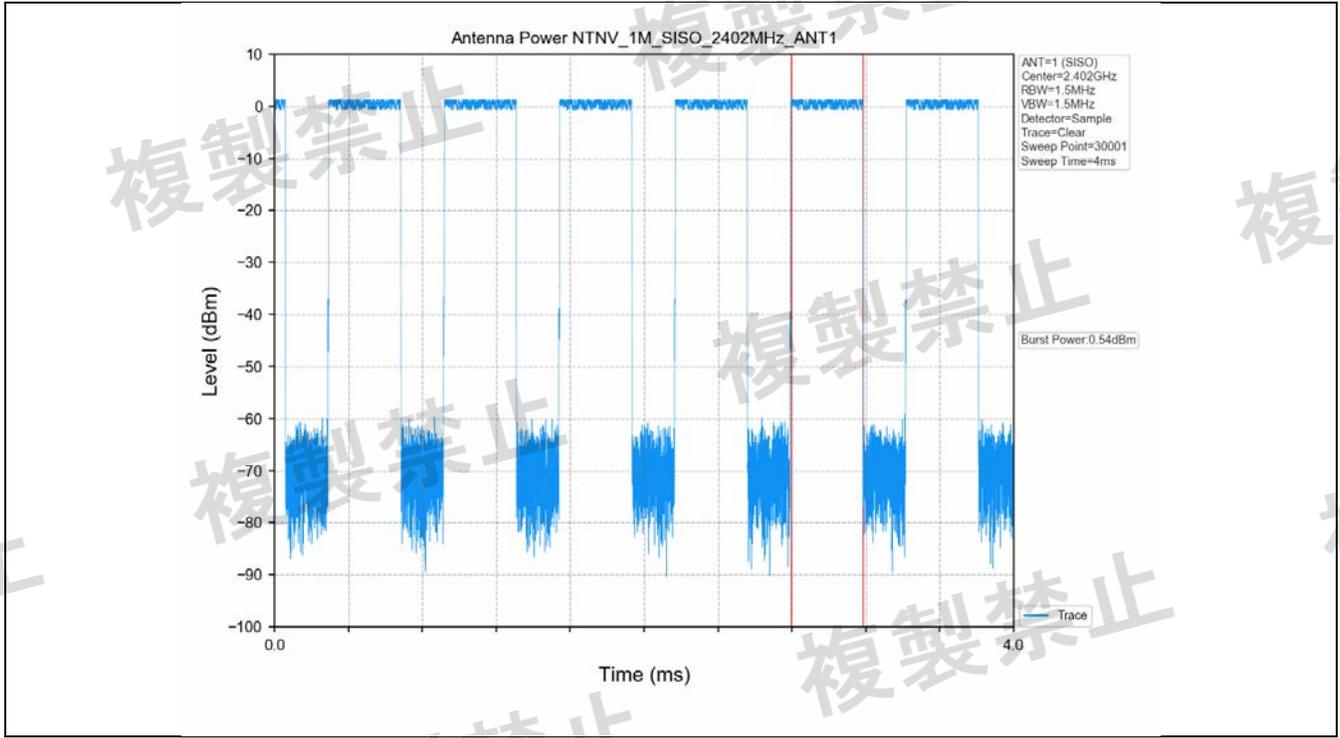


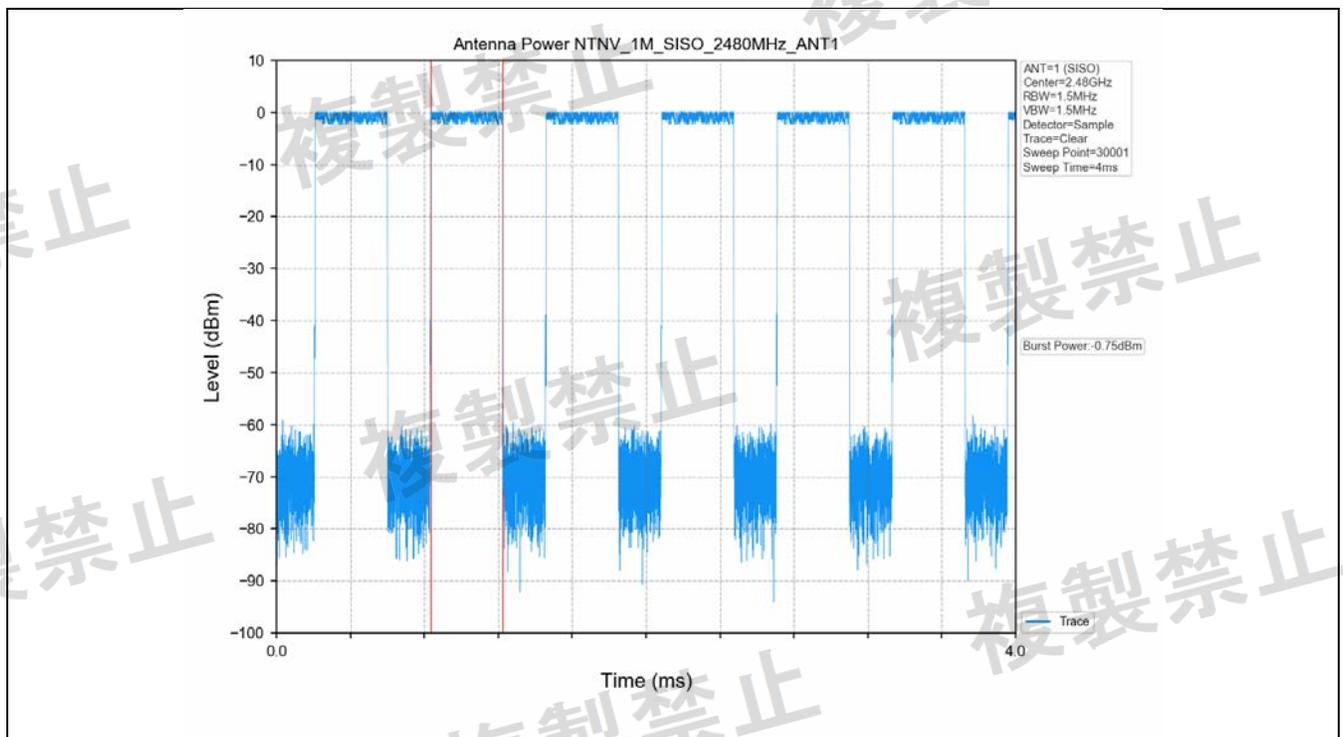
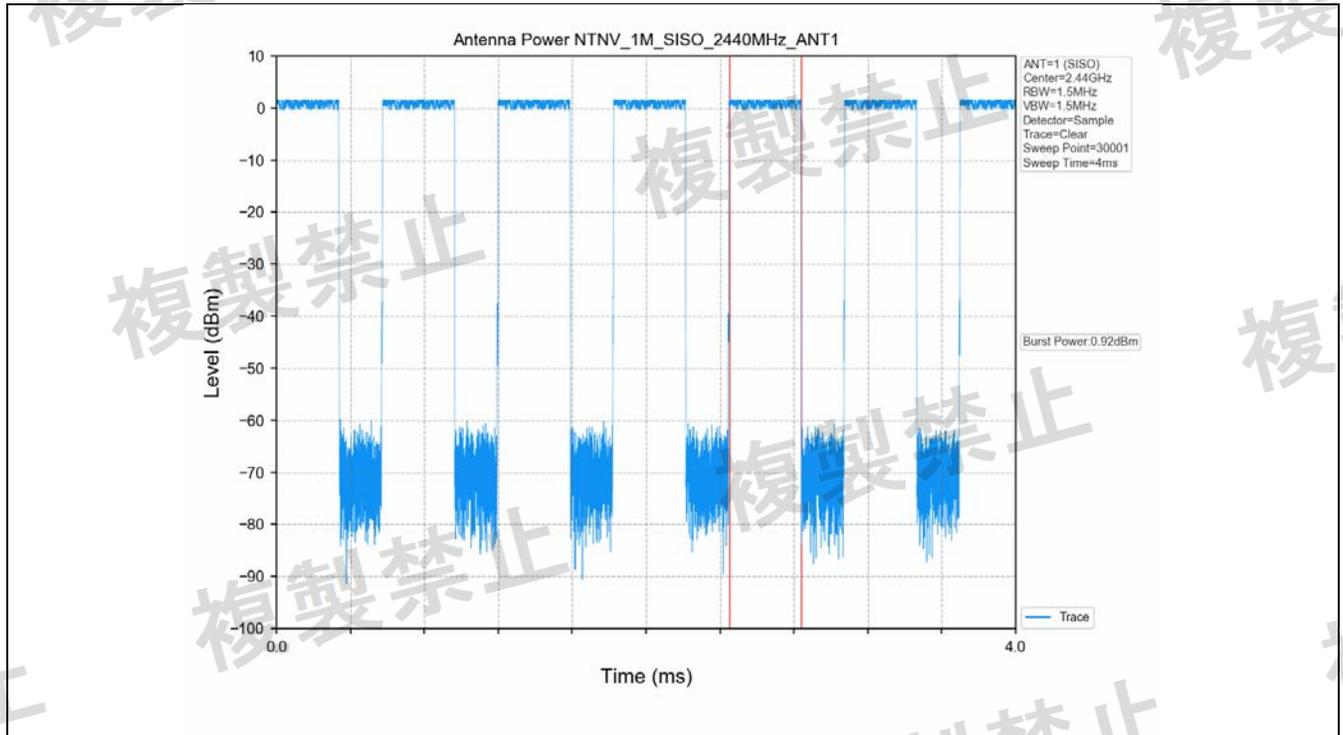
3. Antenna Power

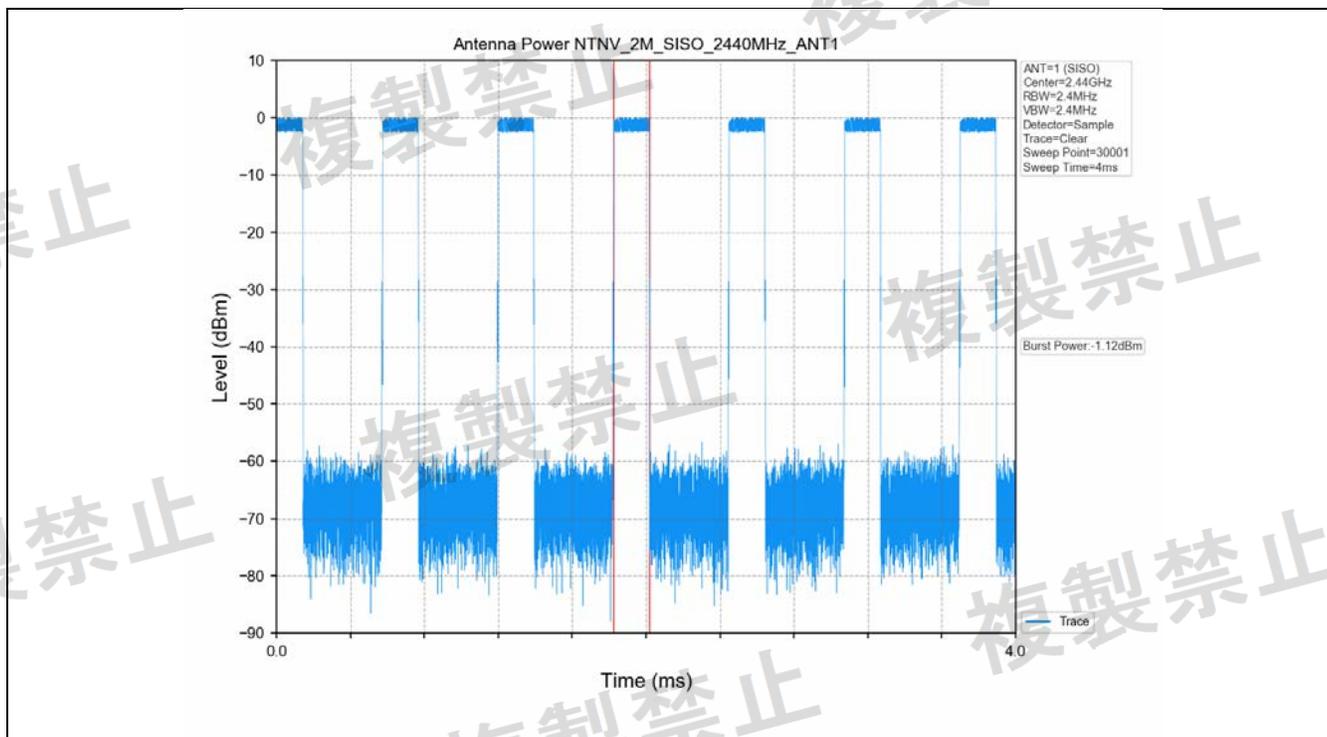
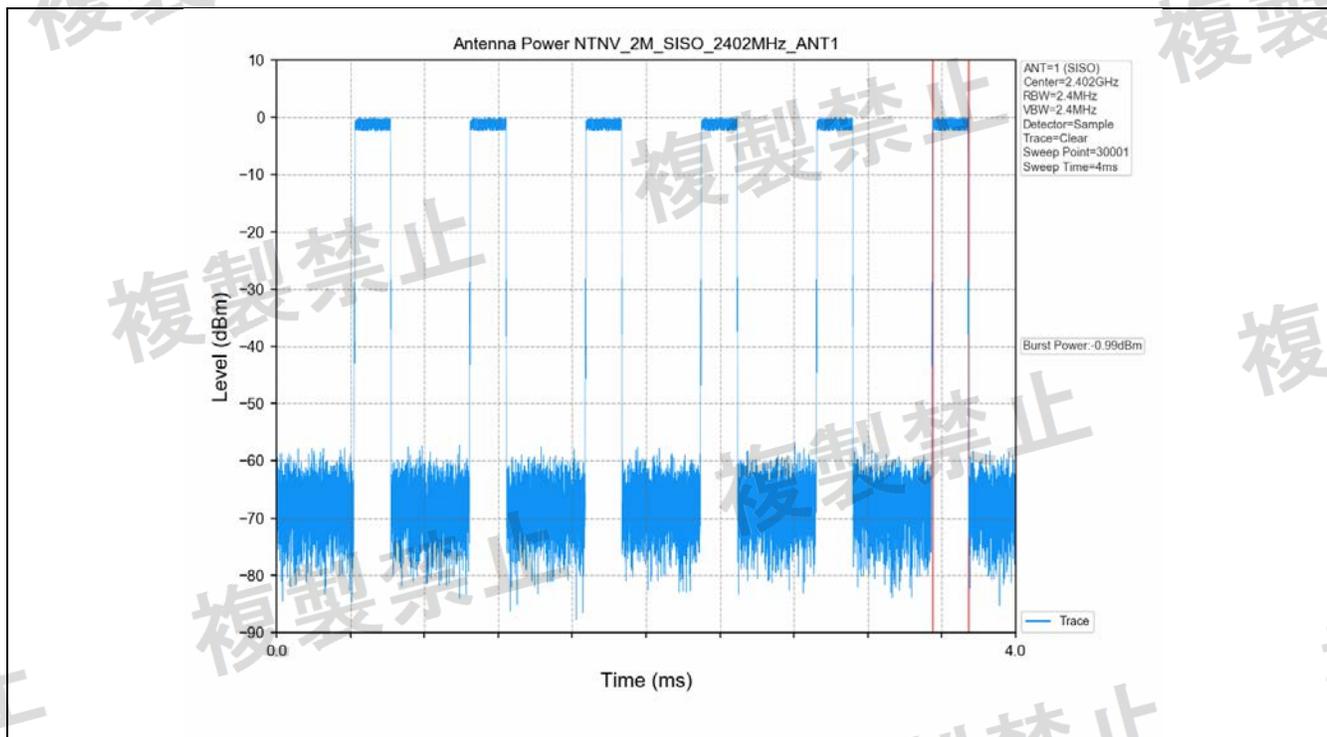
3.1 Test Result

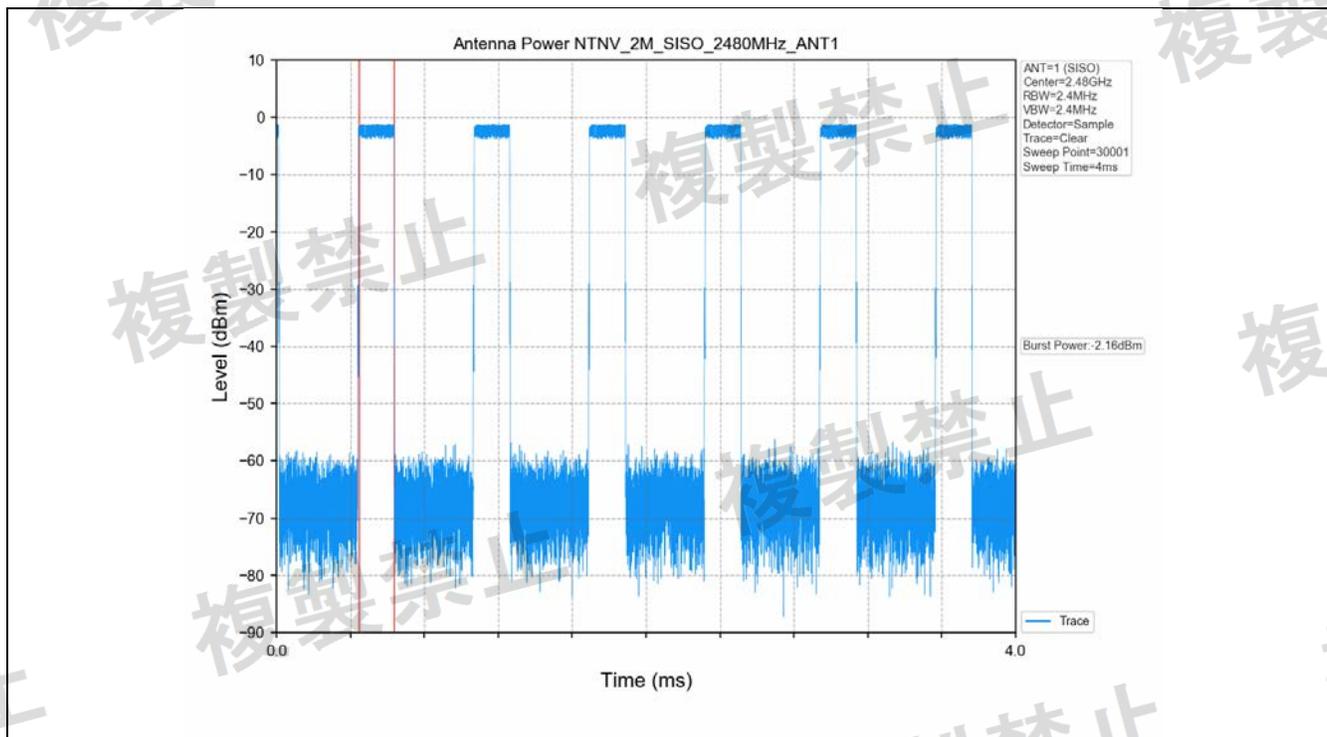
| Test Condition | Test Mode | TX Type | Test Channel [MHz] | Ant | Antenna Power [mW] | | Nominal Power [mW] | Tolerance [%] | | Verdict |
|----------------|-----------|---------|--------------------|-----|--------------------|-------|--------------------|---------------|-----------|---------|
| | | | | | Measured | Limit | | Measured | Limit | |
| NTNV | 1M | SISO | 2402 | 1 | 1.132 | 10 | 2 | -43.40 | -80 to 20 | PASS |
| | | | 2440 | 1 | 1.235 | 10 | 2 | -38.25 | -80 to 20 | PASS |
| | | | 2480 | 1 | 0.842 | 10 | 2 | -57.90 | -80 to 20 | PASS |
| | 2M | SISO | 2402 | 1 | 0.797 | 10 | 2 | -60.19 | -80 to 20 | PASS |
| | | | 2440 | 1 | 0.772 | 10 | 2 | -61.37 | -80 to 20 | PASS |
| | | | 2480 | 1 | 0.608 | 10 | 2 | -69.59 | -80 to 20 | PASS |

3.2 Test Graph







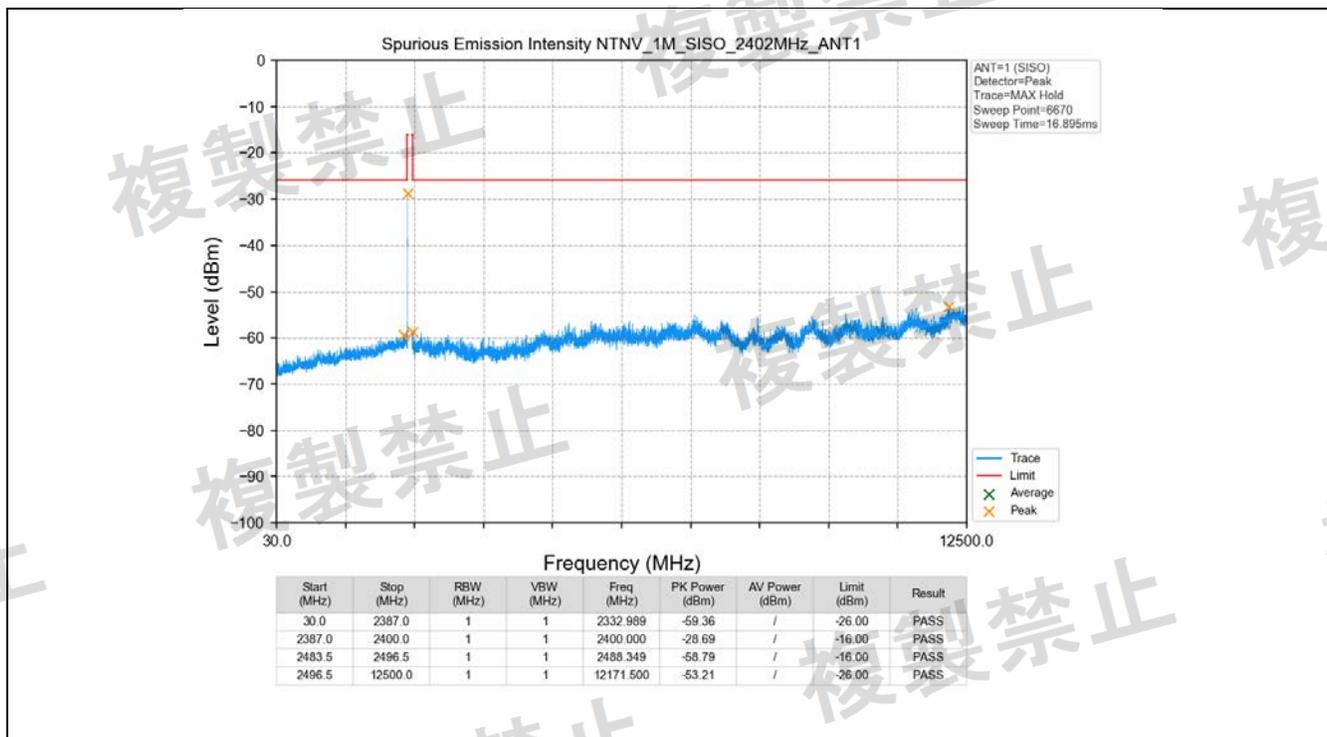


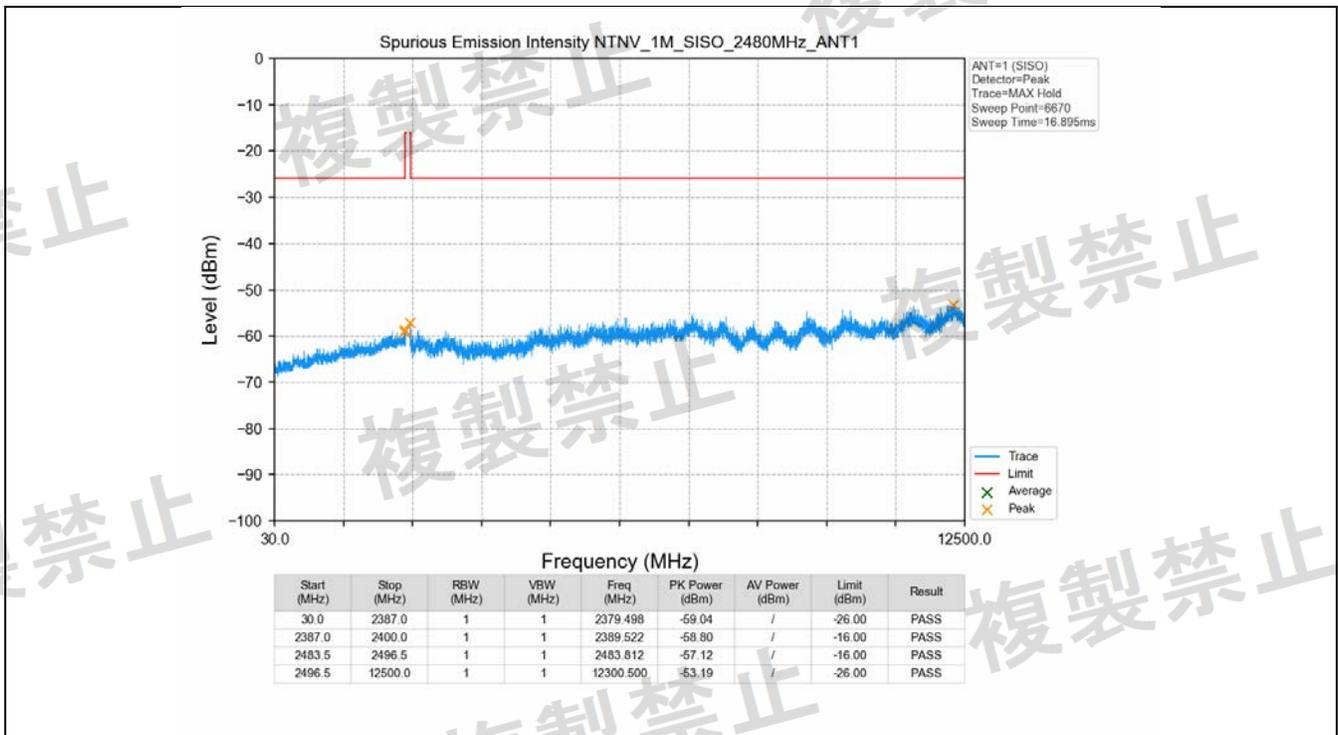
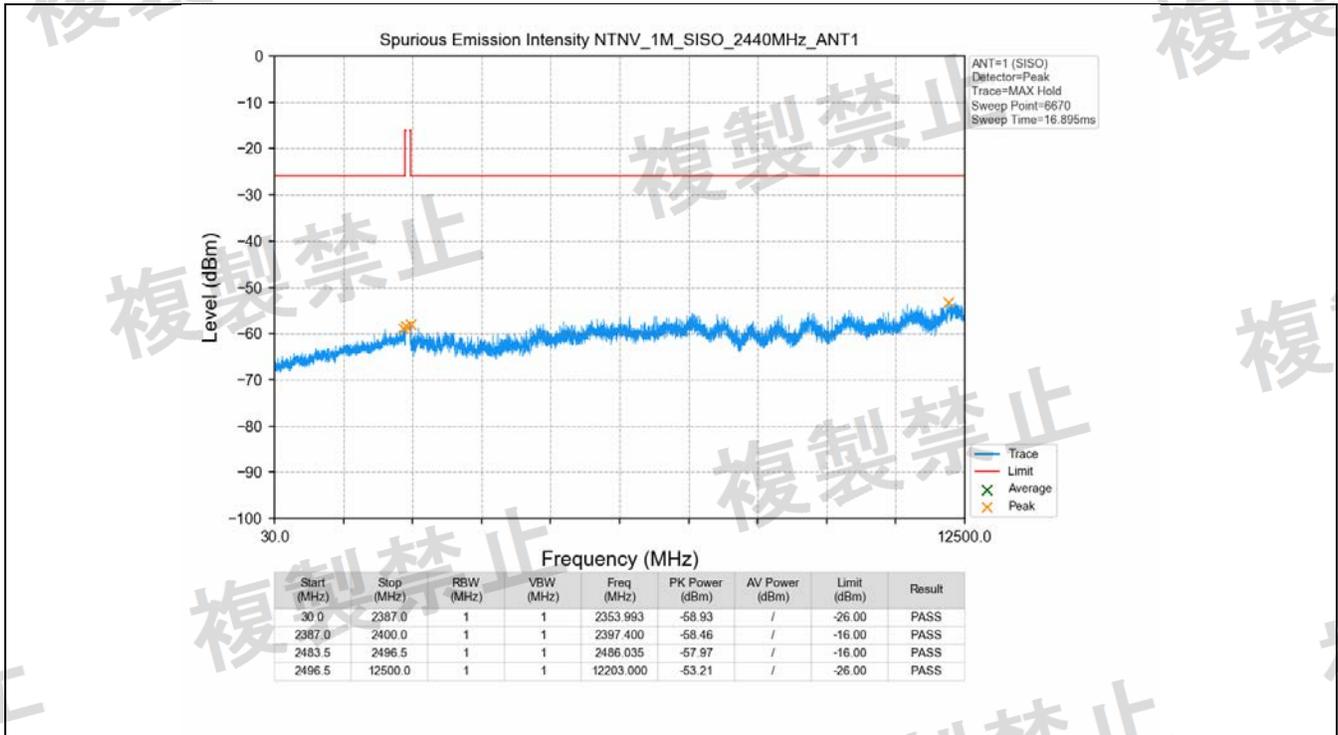
4. Spurious Emission Intensity

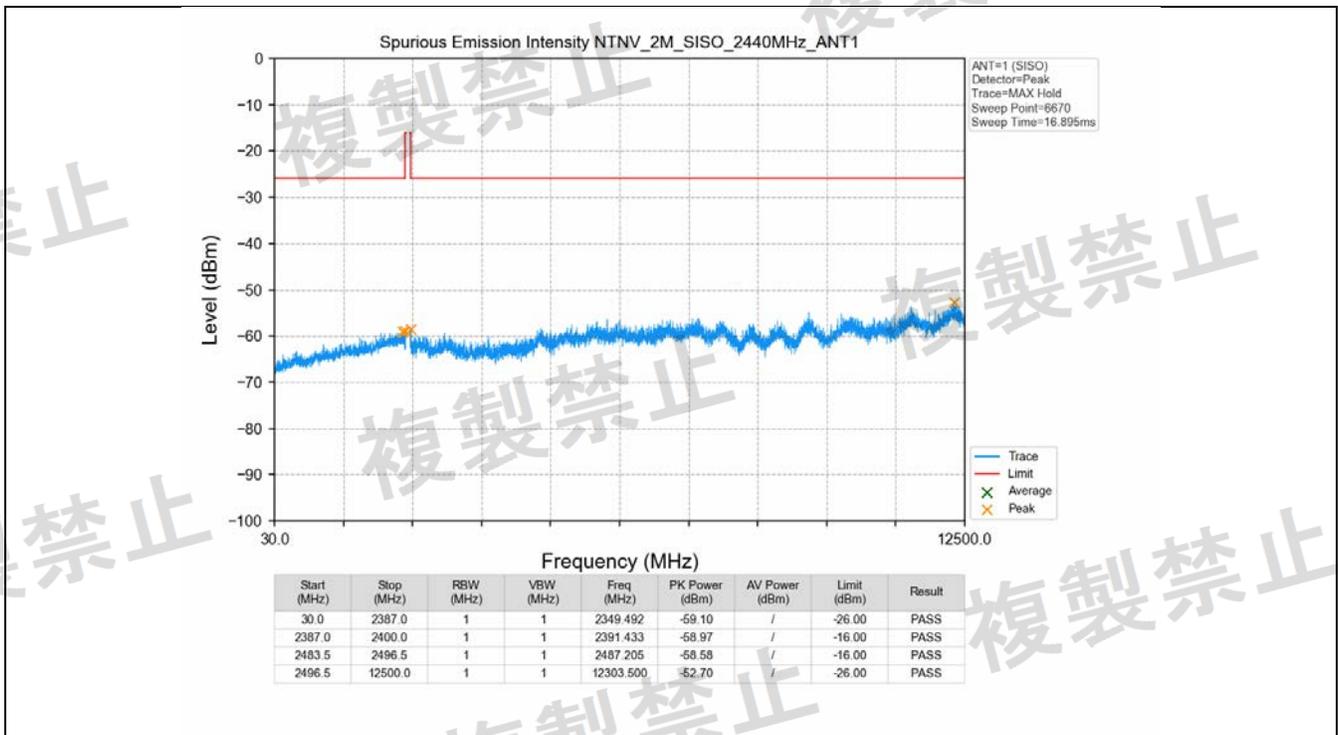
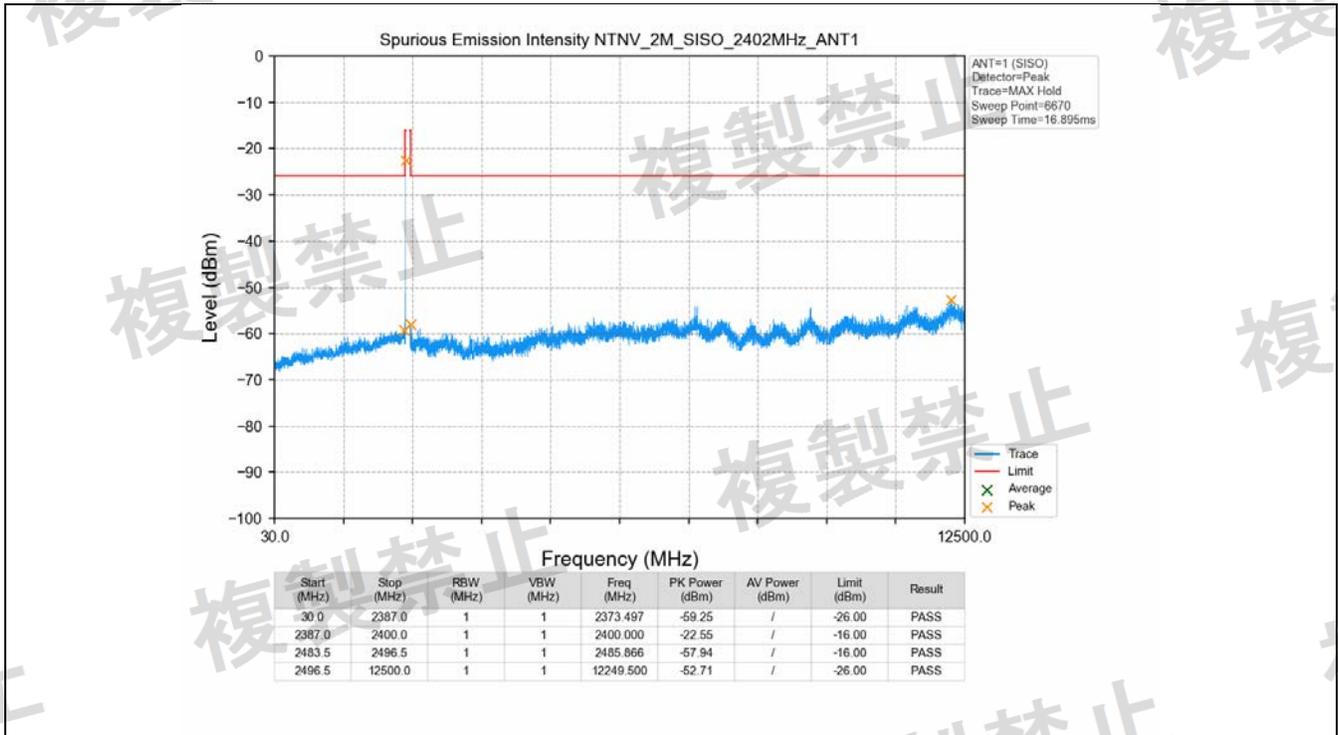
4.1 Test Result

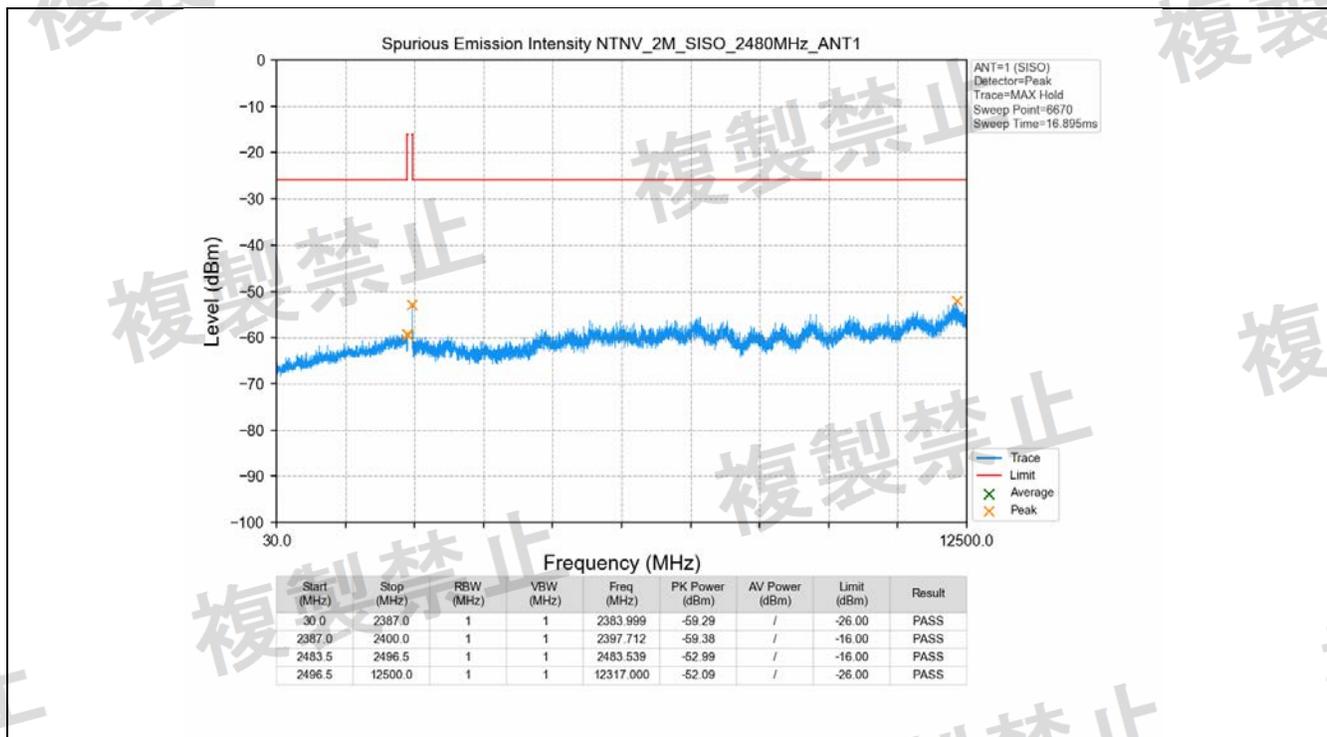
| Test Condition | Test Mode | Test Channel [MHz] | Ant | Test Result | Limit | Verdict |
|----------------|-----------|--------------------|-----|---------------|---------------|---------|
| NTNV | 1M | 2402 | 1 | See test plot | See test plot | PASS |
| | | 2440 | 1 | See test plot | See test plot | PASS |
| | | 2480 | 1 | See test plot | See test plot | PASS |
| | 2M | 2402 | 1 | See test plot | See test plot | PASS |
| | | 2440 | 1 | See test plot | See test plot | PASS |
| | | 2480 | 1 | See test plot | See test plot | PASS |

4.2 Test Graph









5. Secondary Radiated Emission

5.1 Test Result

| Test Condition | Test Mode | Test Channel [MHz] | Ant | Test Result | Limit | Verdict |
|----------------|-----------|--------------------|-----|---------------|---------------|---------|
| NTNV | 1M | 2402 | 1 | See test plot | See test plot | PASS |
| | | 2440 | 1 | See test plot | See test plot | PASS |
| | | 2480 | 1 | See test plot | See test plot | PASS |
| | 2M | 2402 | 1 | See test plot | See test plot | PASS |
| | | 2440 | 1 | See test plot | See test plot | PASS |
| | | 2480 | 1 | See test plot | See test plot | PASS |

5.2 Test Graph

