

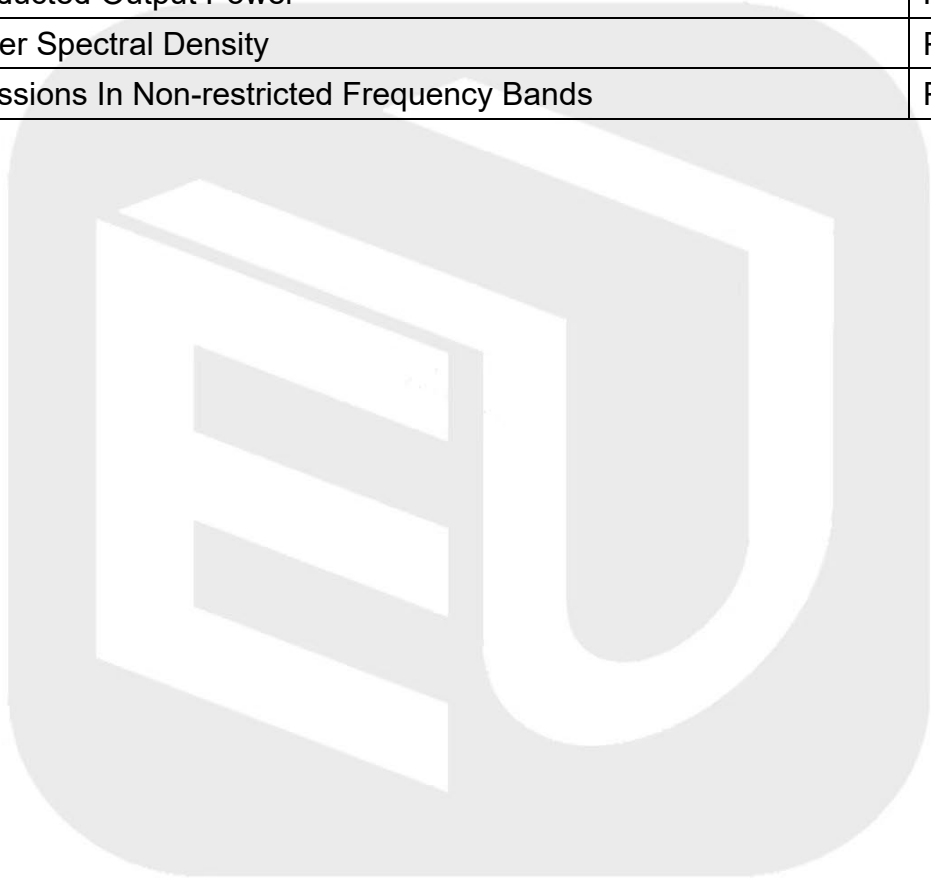
ANNEX D TEST DATA

For

| | |
|----------------------|---------------------------------------|
| Project No.: | 8225EU012303W |
| Client: | SHENZHEN ELECTRON TECHNOLOGY CO.,LTD. |
| Product Description: | Android Tablet |
| Model No.: | WA1383T |
| FCC ID: | 2ABC5-E0053 |
| Technology: | WiFi 2.4G |
| Test Engineer: | <i>Mikoy zhu</i> |
| Test Date: | 2024-02-01 |

Test Summary

| Item | Result |
|--|--------|
| Duty Cycle | Pass |
| Bandwidth | Pass |
| Maximum Conducted Output Power | Pass |
| Maximum Power Spectral Density | Pass |
| Unwanted Emissions In Non-restricted Frequency Bands | Pass |



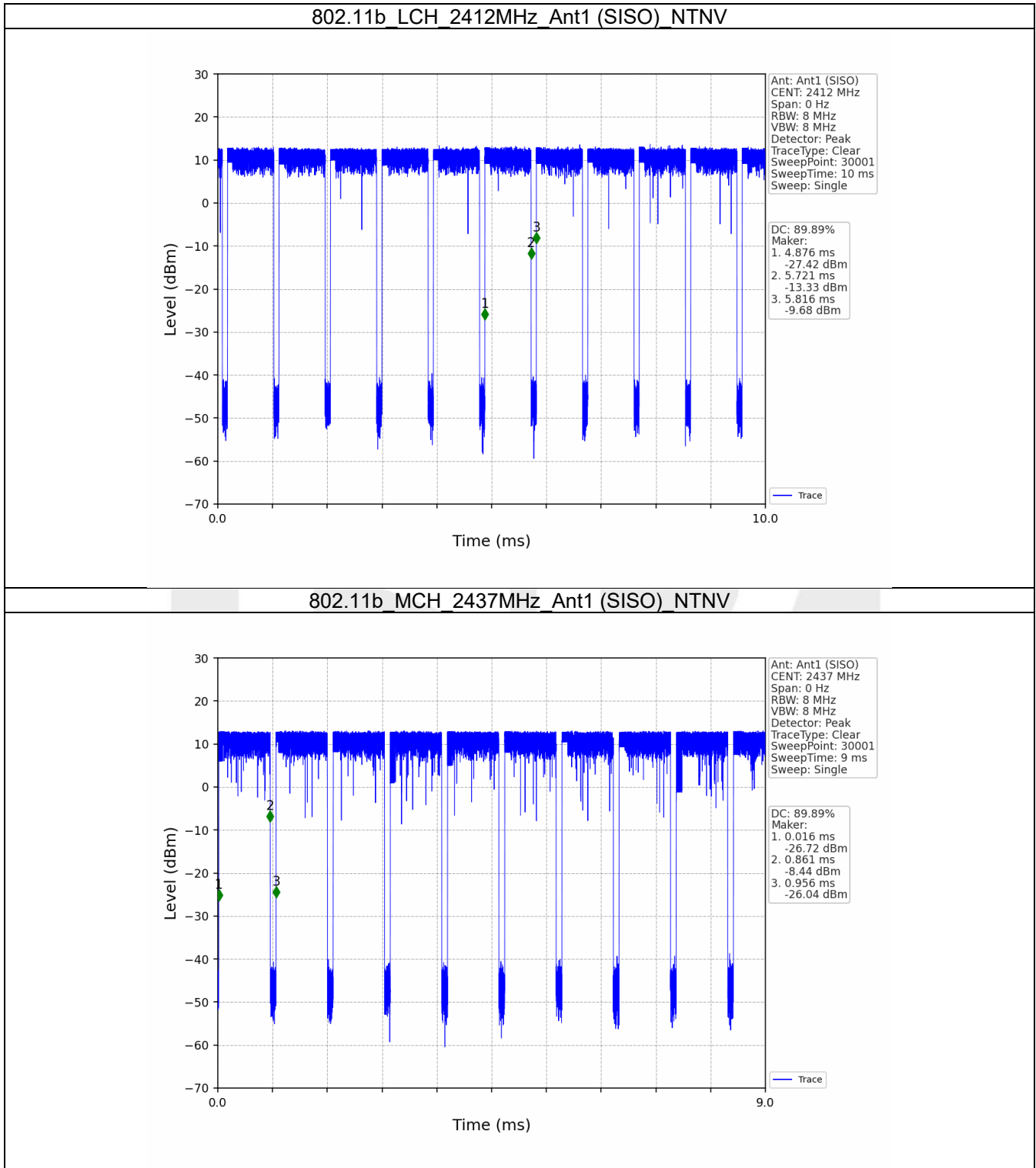
1. Duty Cycle

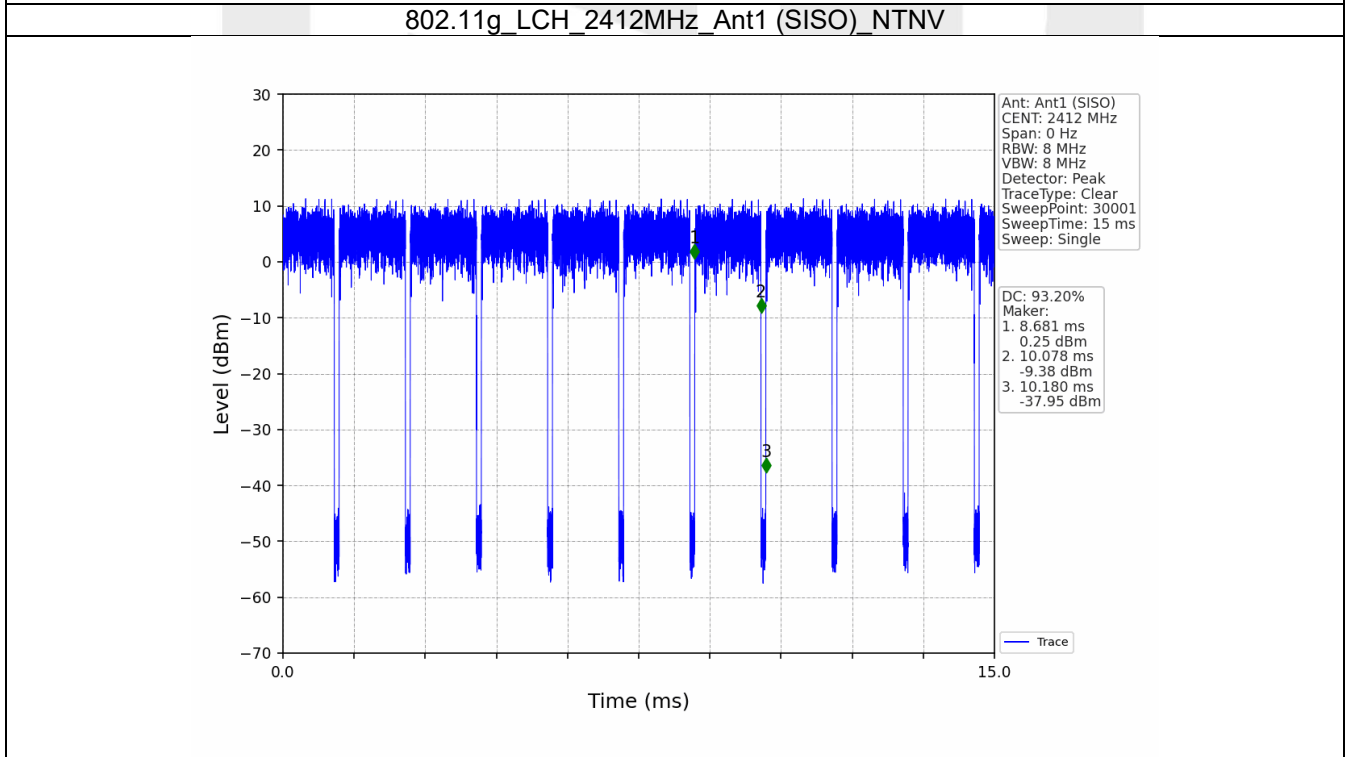
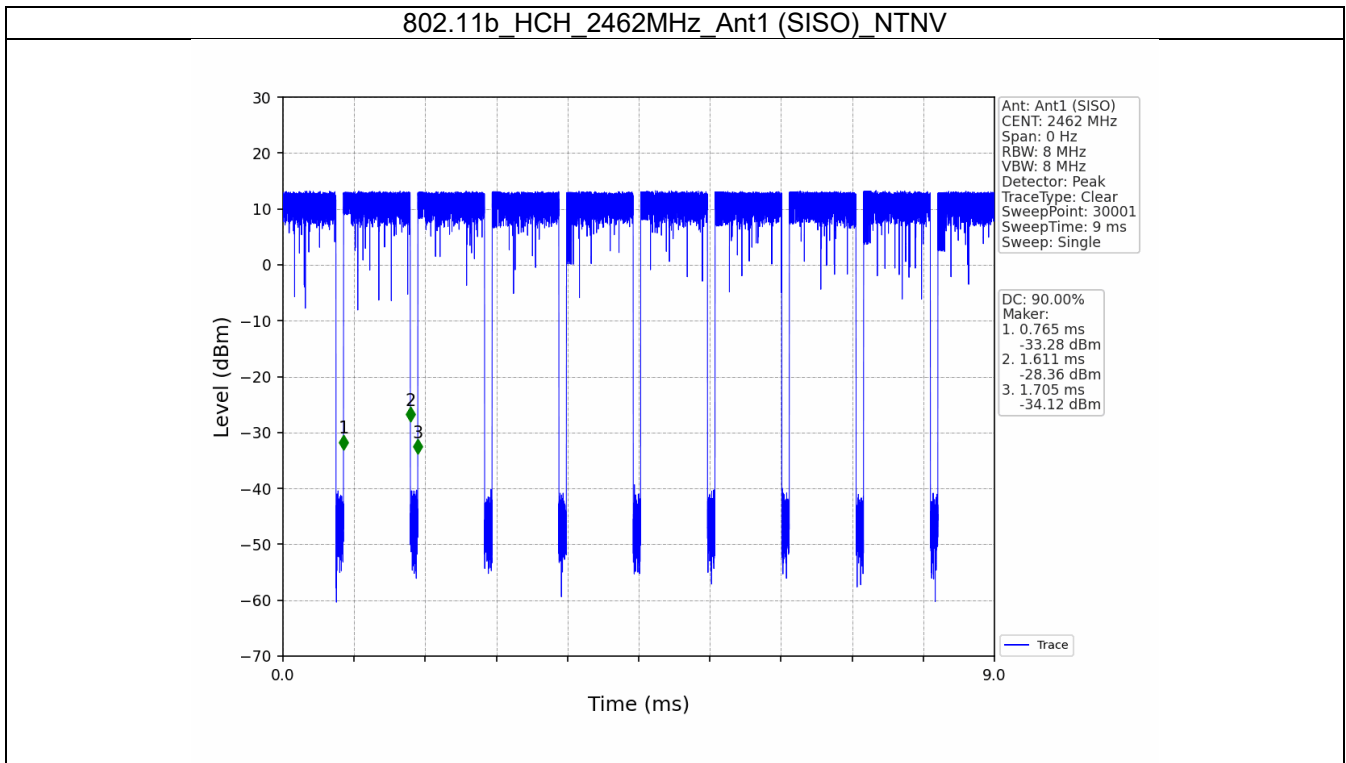
1.1 Ant1

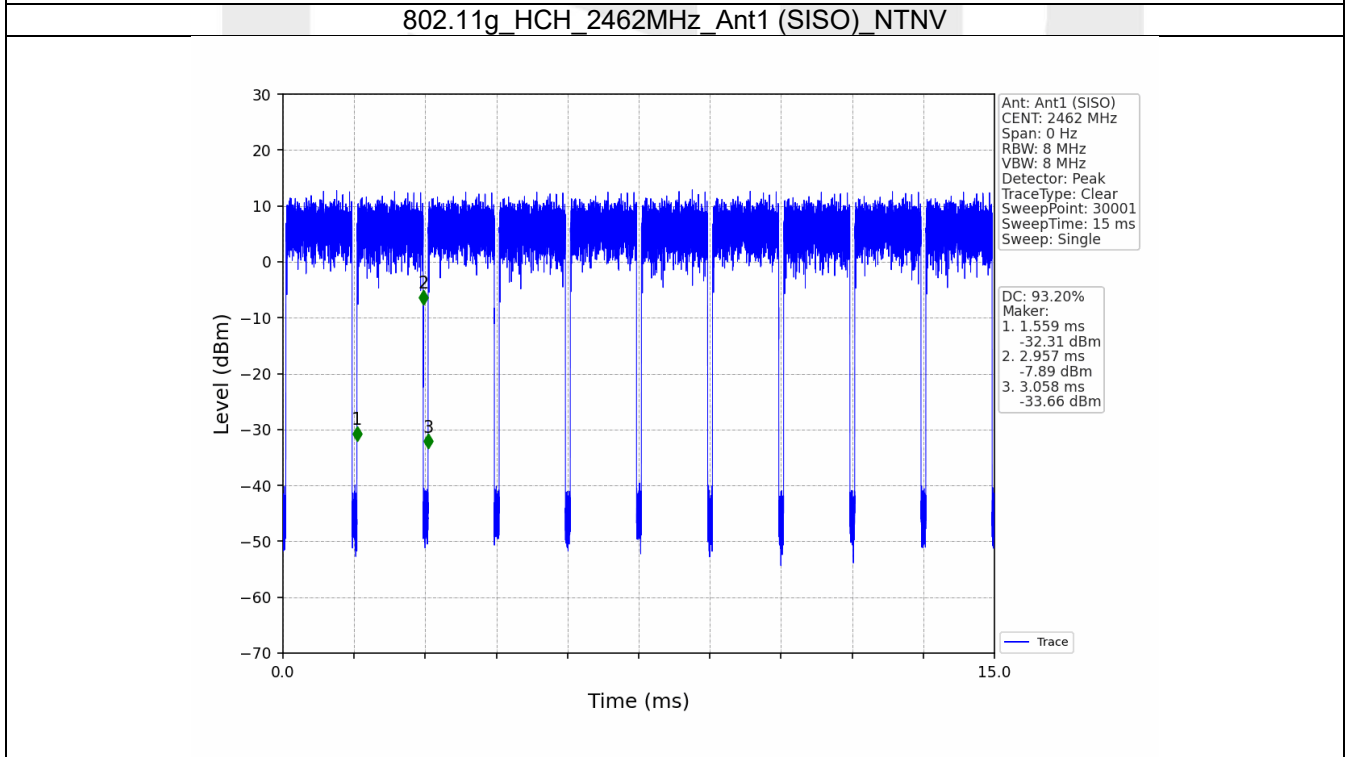
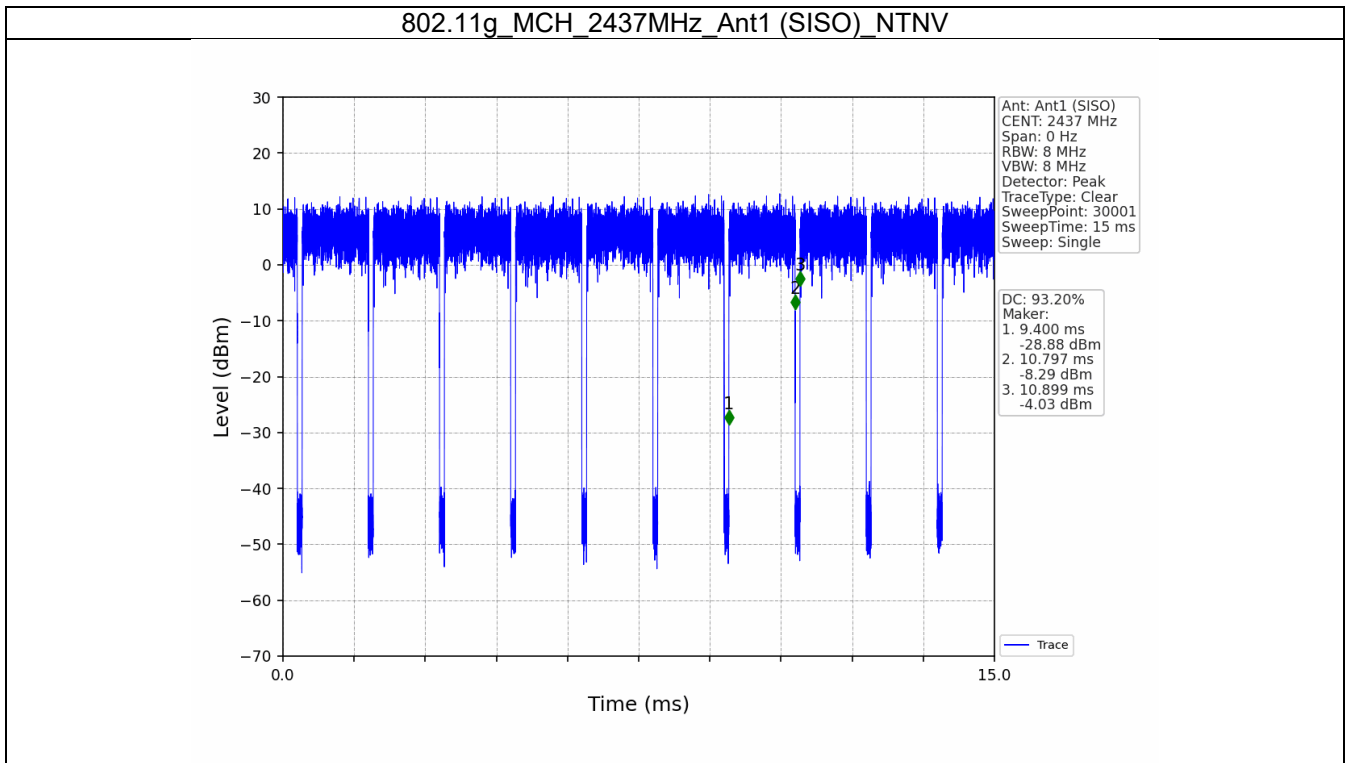
1.1.1 Test Result

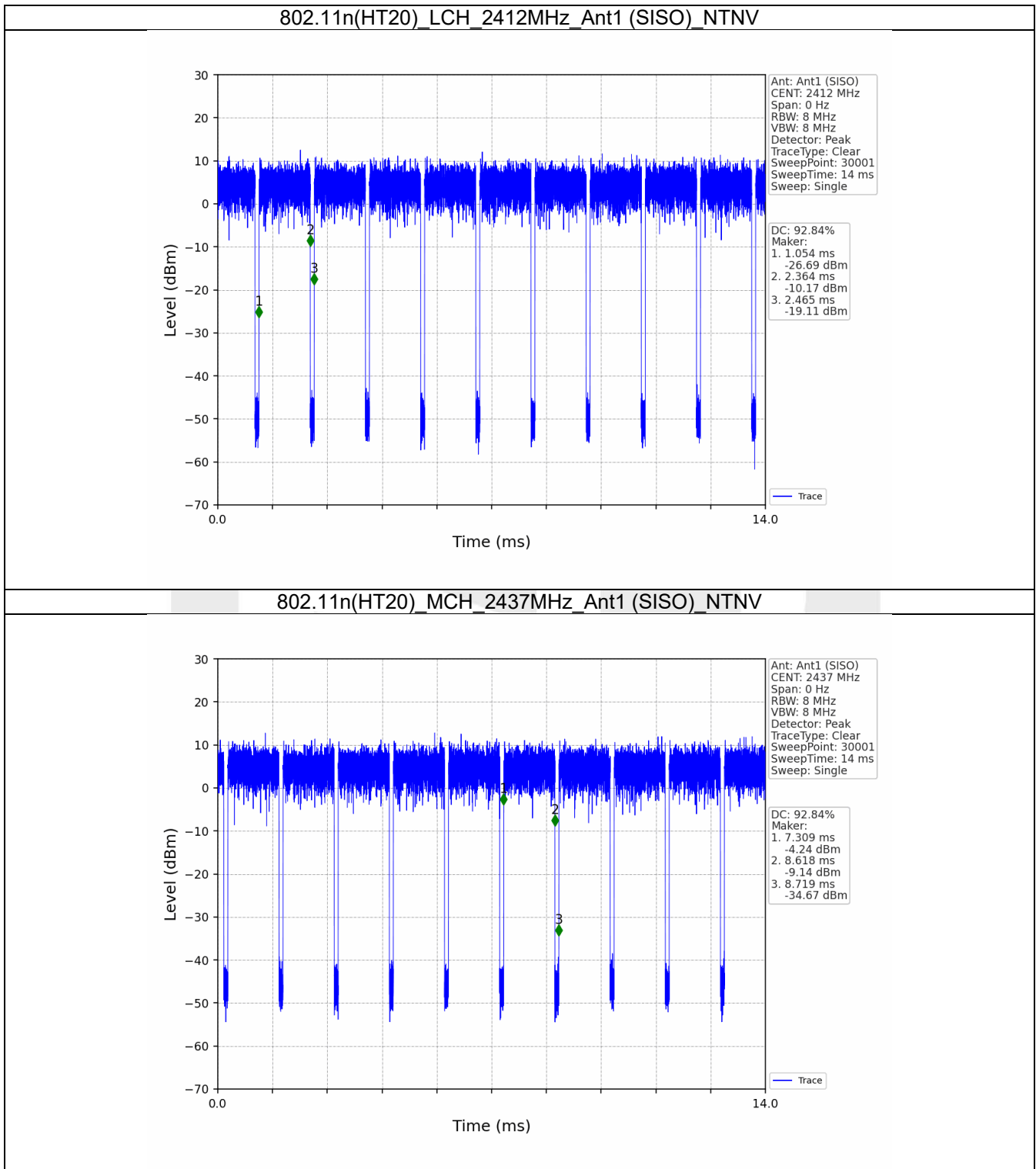
| Ant1 | | | | | | | |
|----------------|---------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 802.11b | SISO | 2412 | 0.845 | 0.940 | 89.89 | 0.46 | 0.07 |
| | | 2437 | 0.845 | 0.940 | 89.89 | 0.46 | 0.03 |
| | | 2462 | 0.846 | 0.940 | 90.00 | 0.46 | 0.03 |
| 802.11g | SISO | 2412 | 1.398 | 1.500 | 93.20 | 0.31 | 0.03 |
| | | 2437 | 1.398 | 1.500 | 93.20 | 0.31 | 0.03 |
| | | 2462 | 1.398 | 1.500 | 93.20 | 0.31 | 0.03 |
| 802.11n (HT20) | SISO | 2412 | 1.310 | 1.411 | 92.84 | 0.32 | 0.03 |
| | | 2437 | 1.309 | 1.410 | 92.84 | 0.32 | 0.04 |
| | | 2462 | 1.310 | 1.411 | 92.84 | 0.32 | 0.06 |

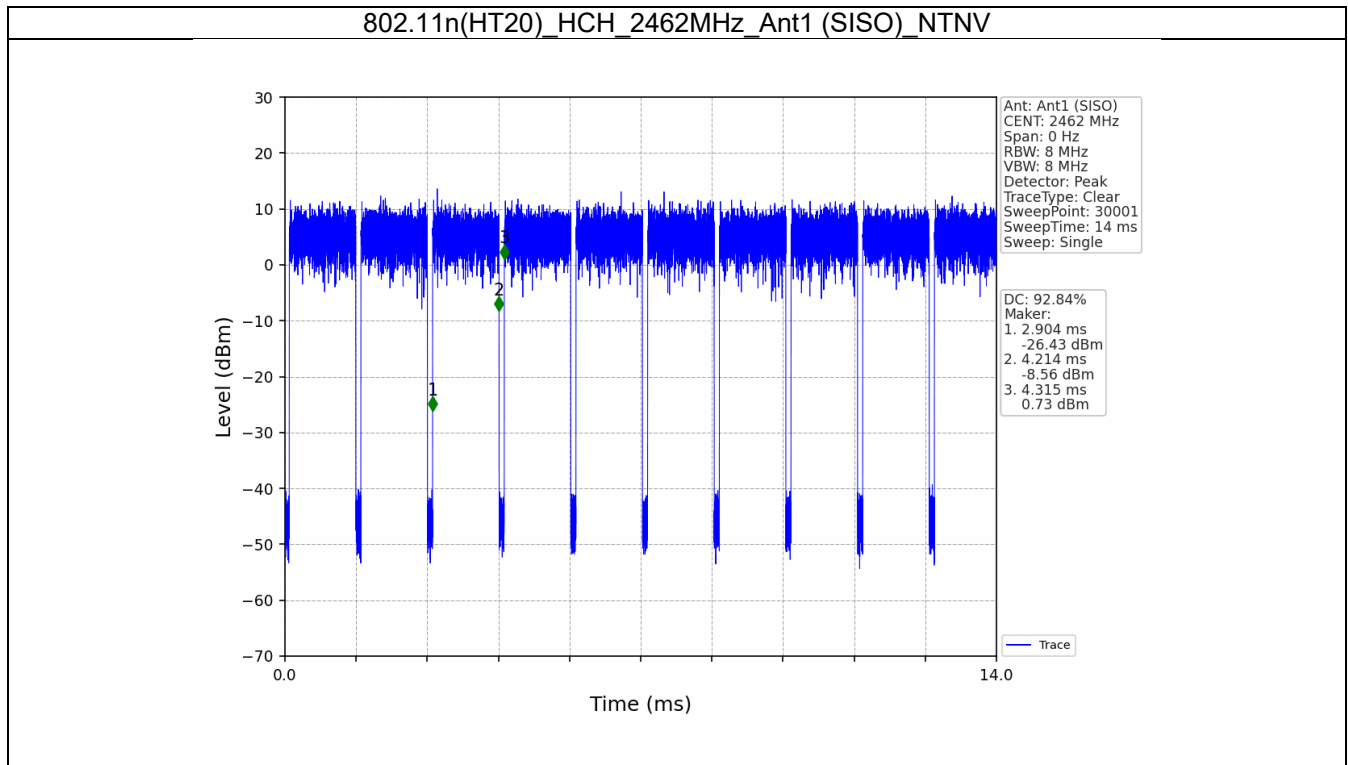
1.1.2 Test Graph











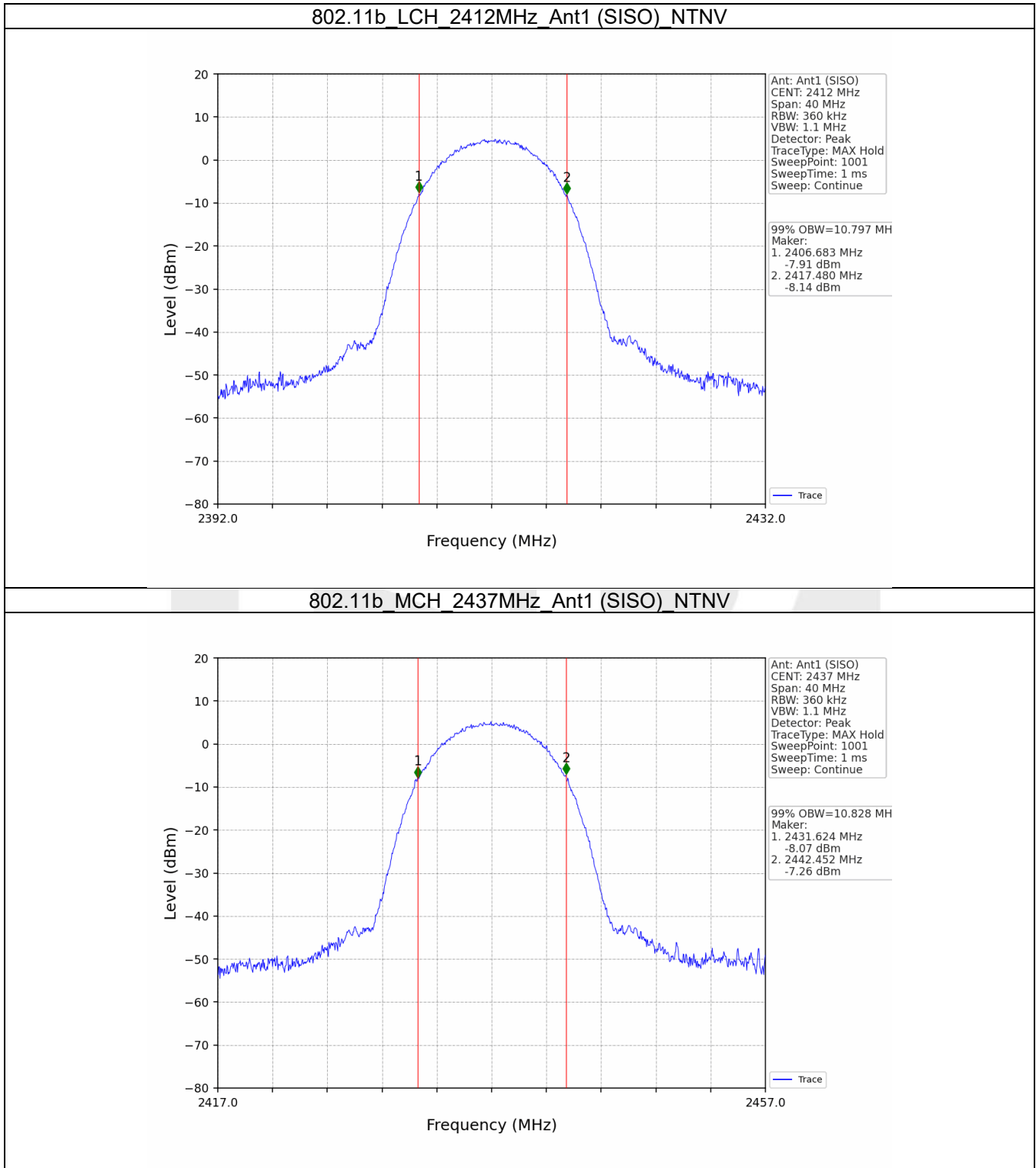
2. Bandwidth

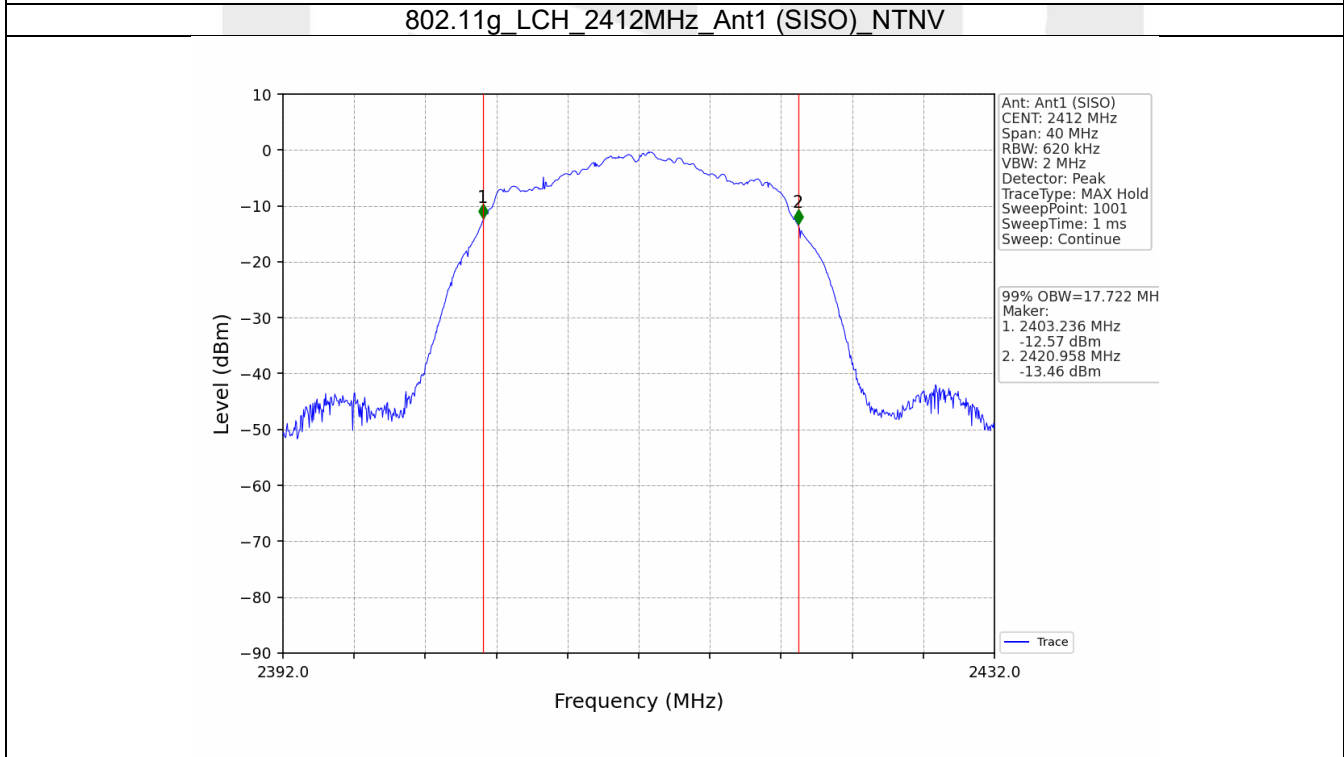
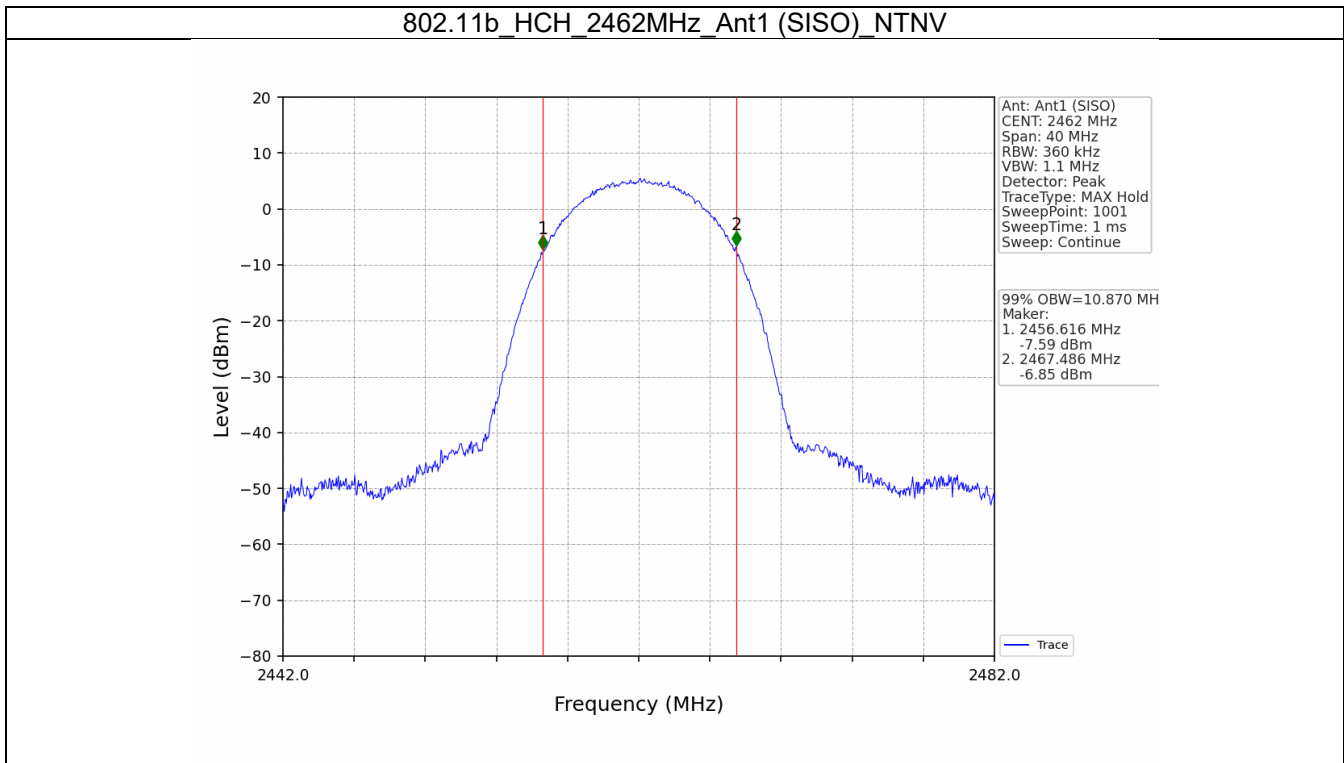
2.1 OBW

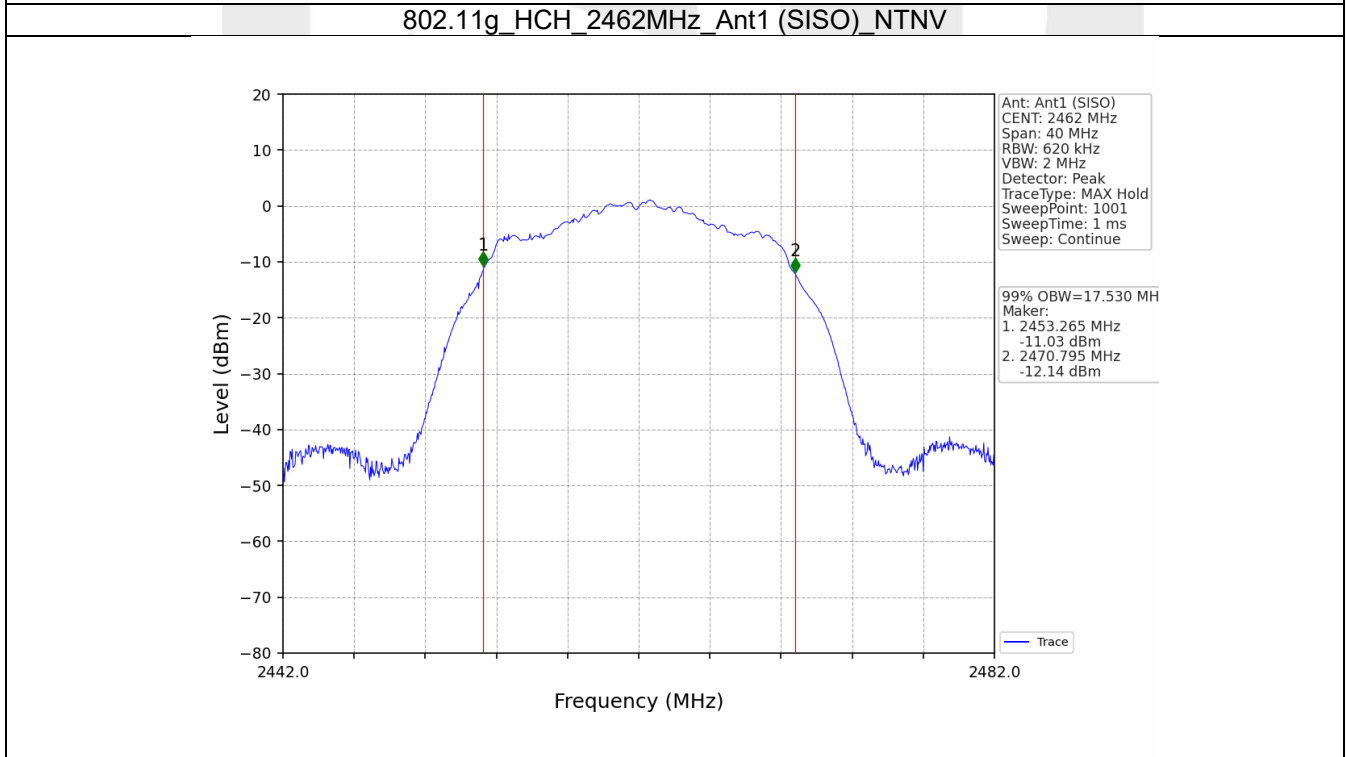
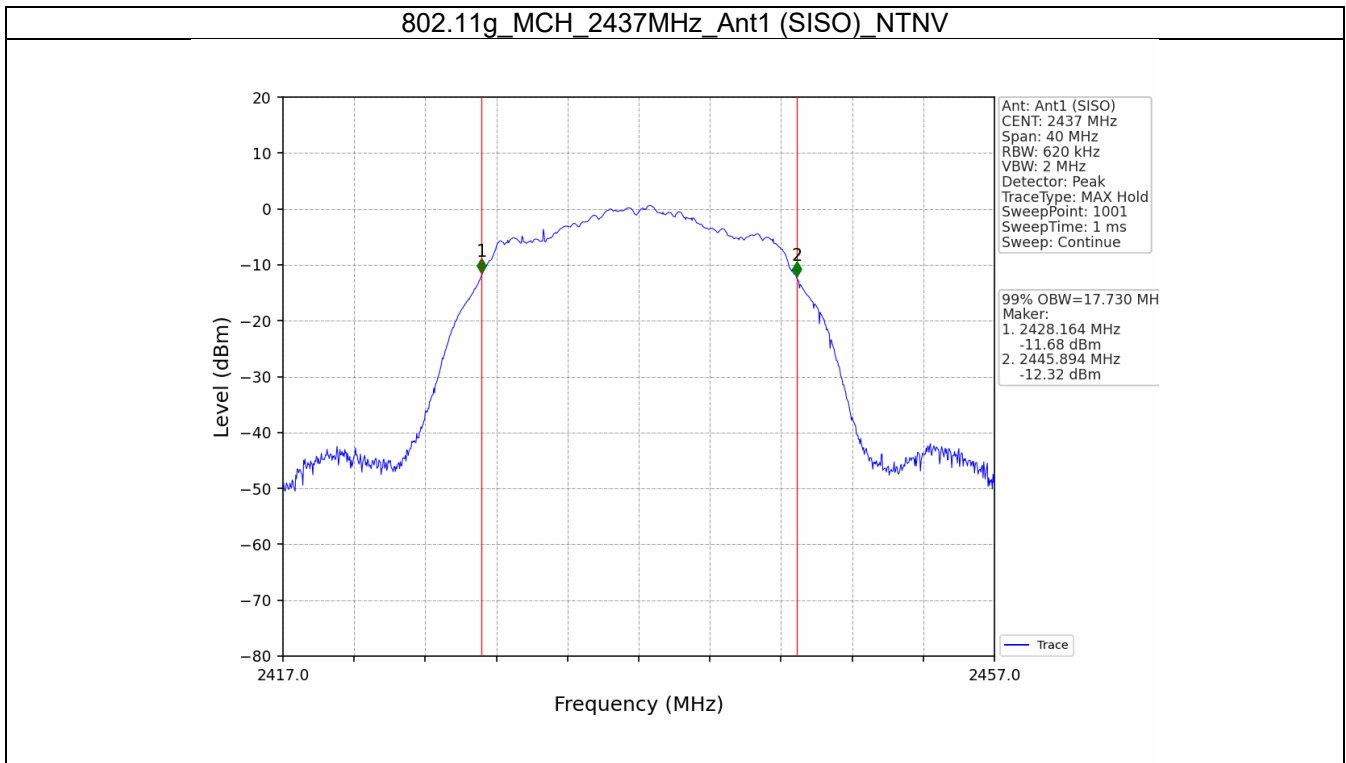
2.1.1 Test Result

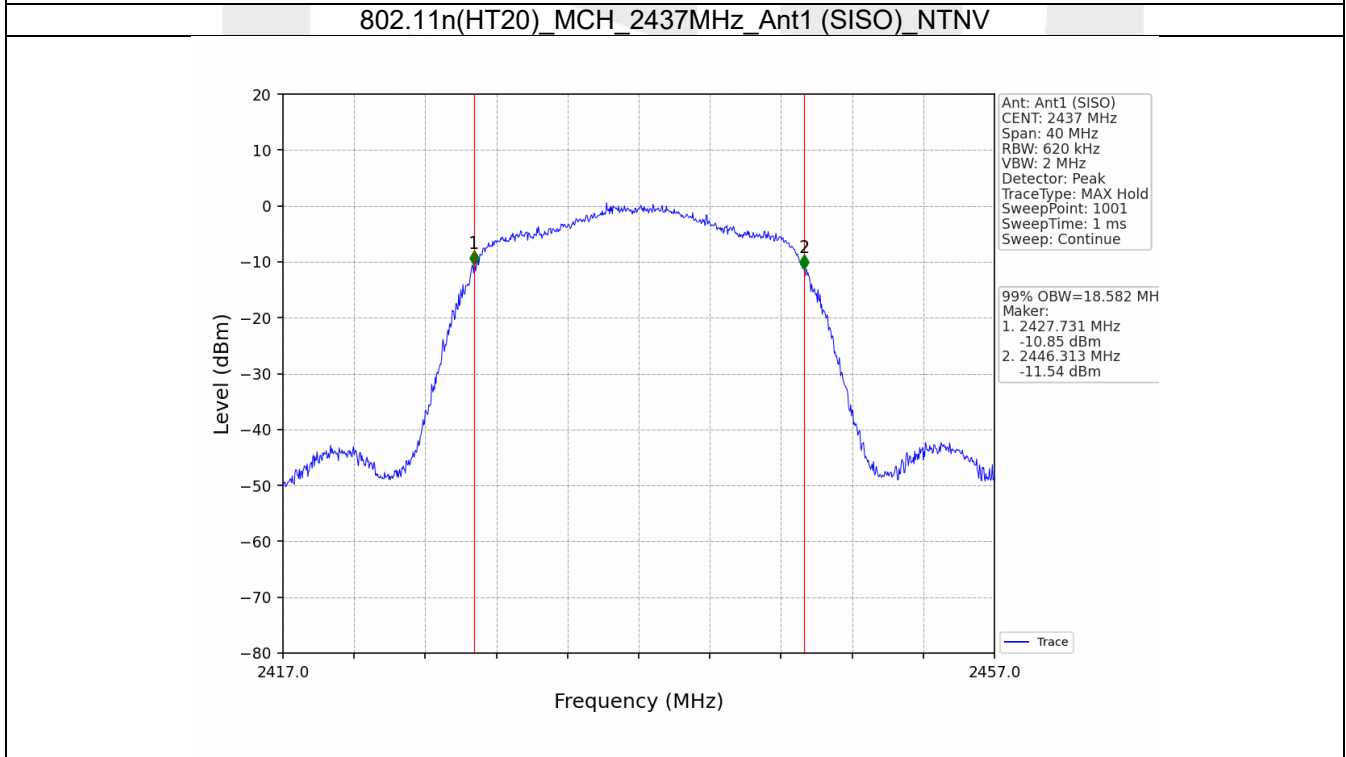
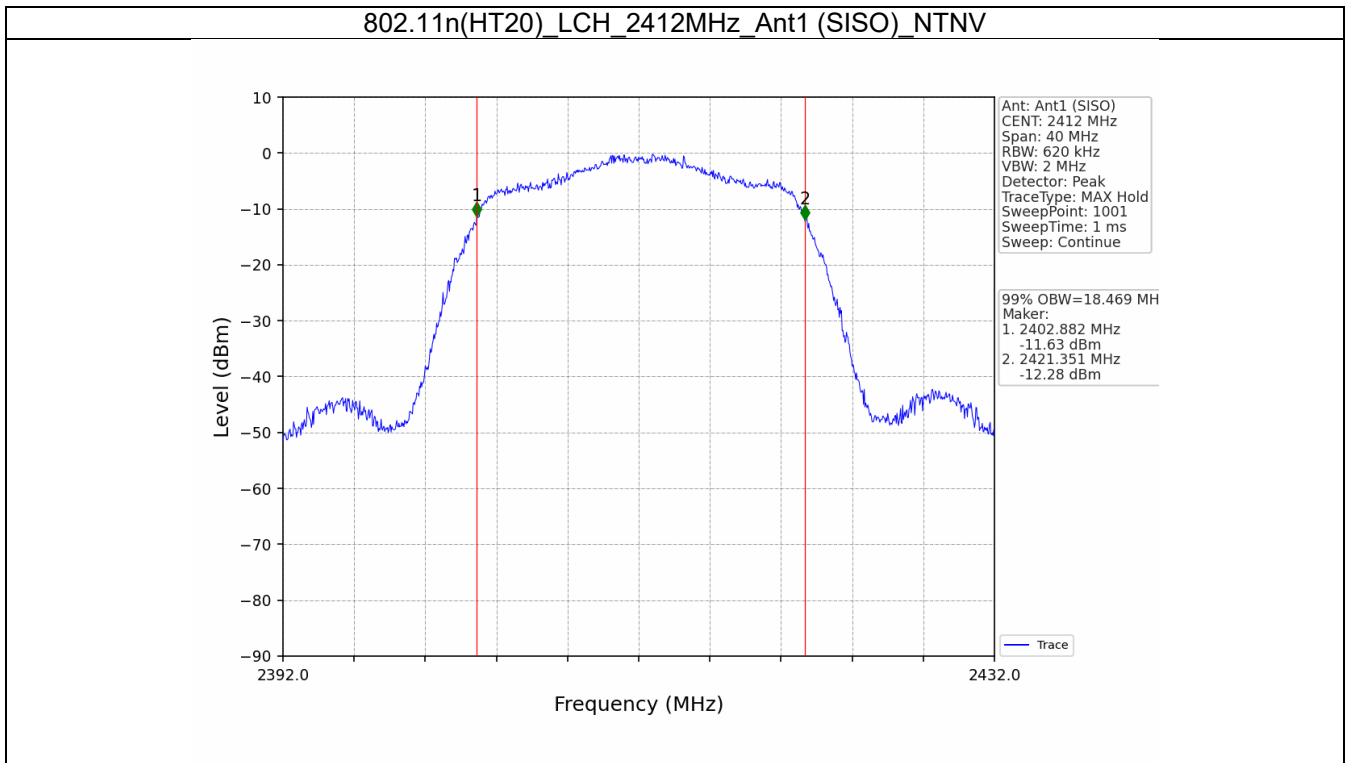
| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) | Verdict |
|----------------|---------|-----------------|-----|------------------------------|---------|
| | | | | Result | |
| 802.11b | SISO | 2412 | 1 | 10.797 | Pass |
| | | 2437 | 1 | 10.828 | Pass |
| | | 2462 | 1 | 10.870 | Pass |
| 802.11g | SISO | 2412 | 1 | 17.722 | Pass |
| | | 2437 | 1 | 17.730 | Pass |
| | | 2462 | 1 | 17.530 | Pass |
| 802.11n (HT20) | SISO | 2412 | 1 | 18.469 | Pass |
| | | 2437 | 1 | 18.582 | Pass |
| | | 2462 | 1 | 18.391 | Pass |

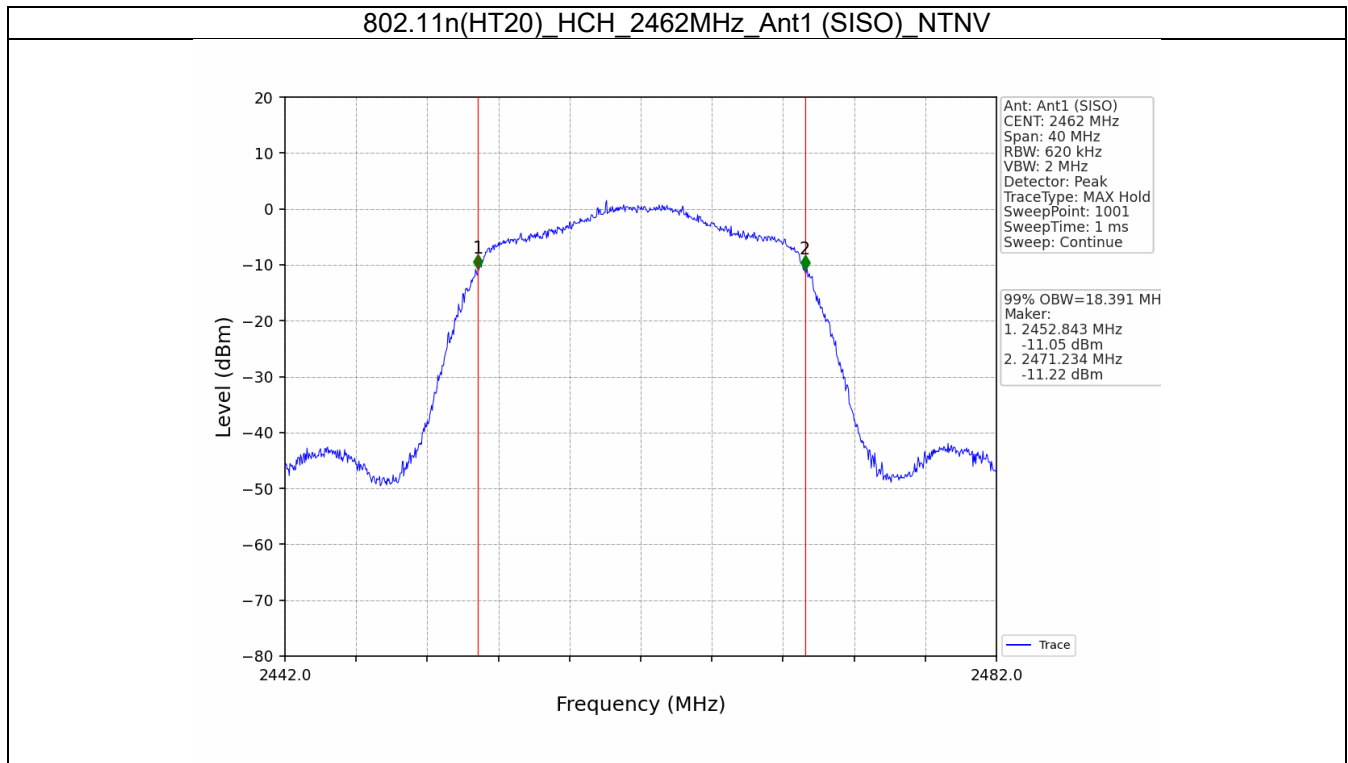
2.1.2 Test Graph









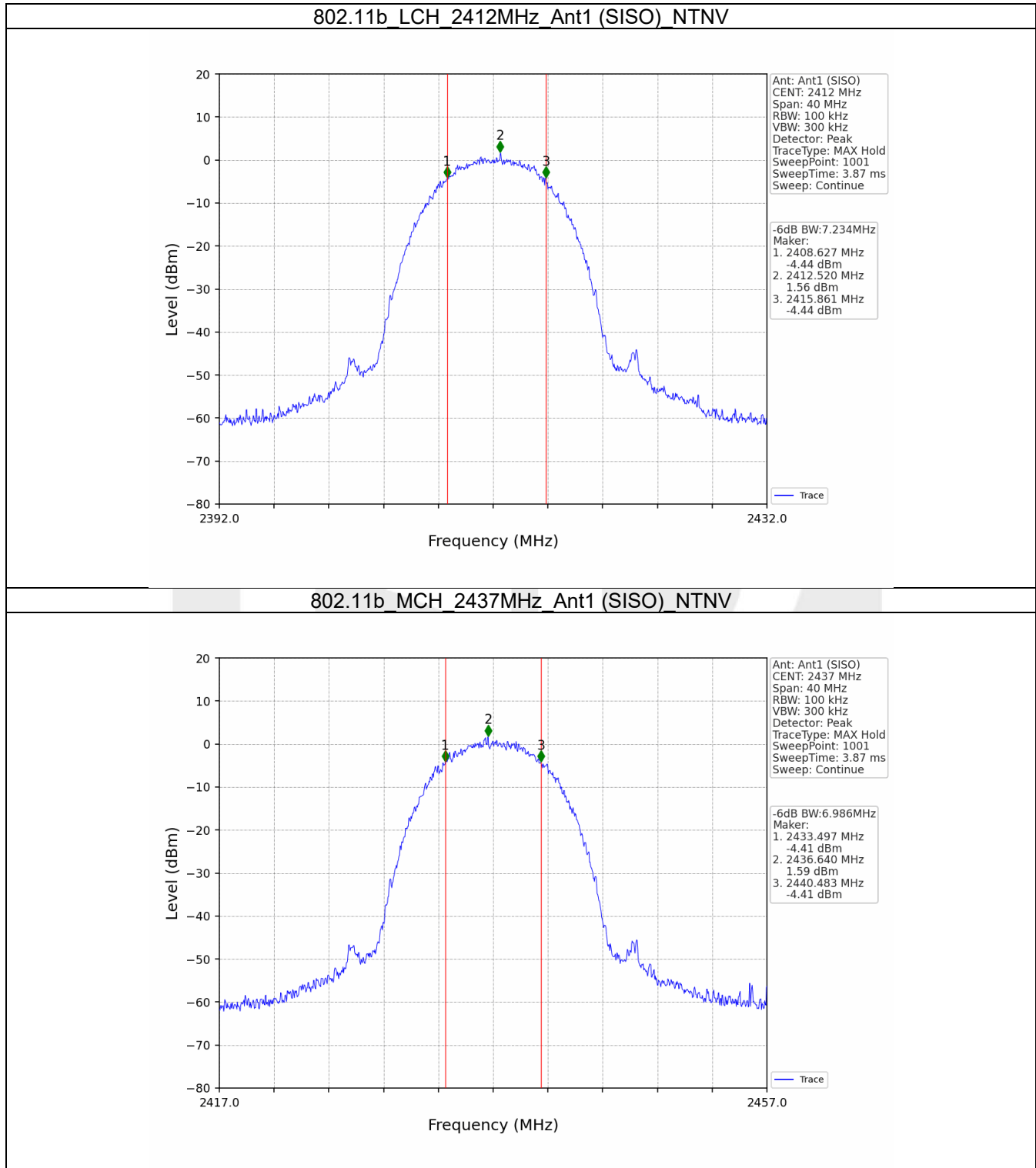


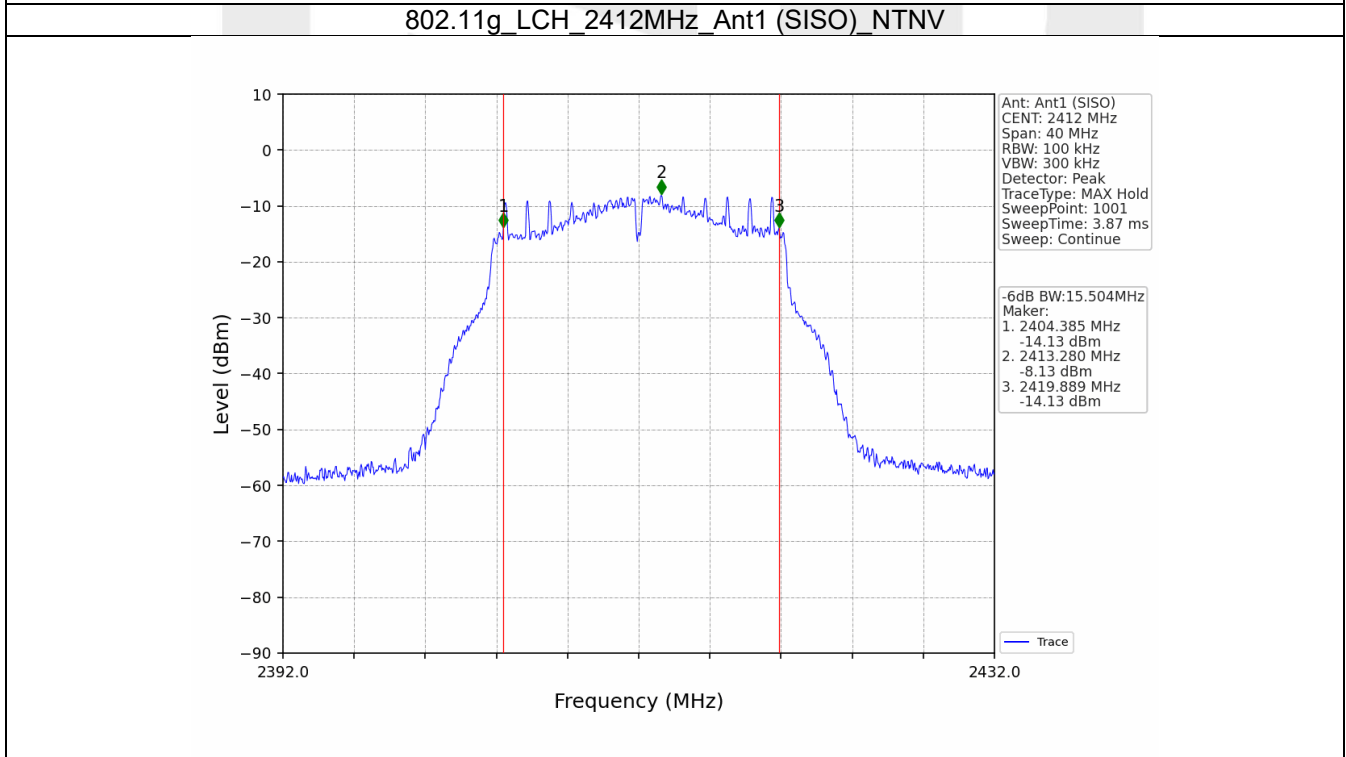
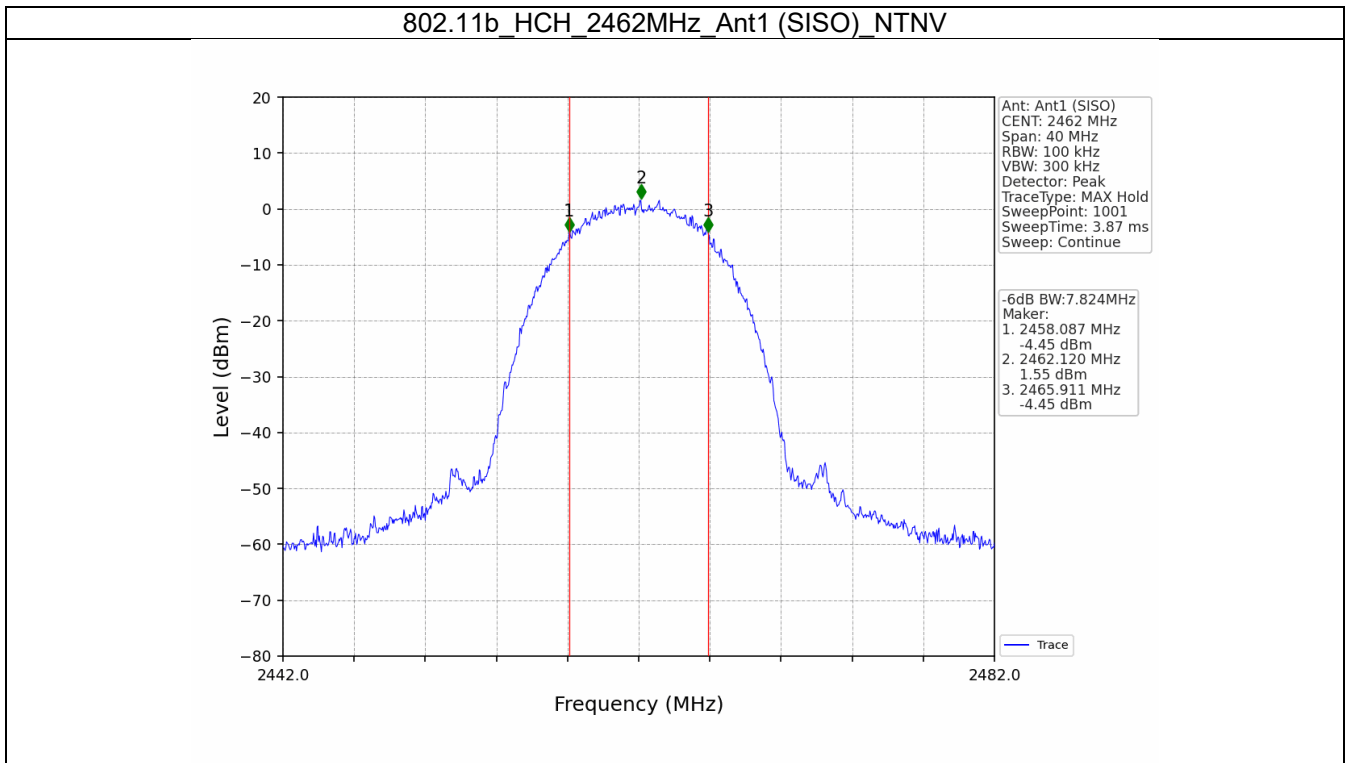
2.2 6dB BW

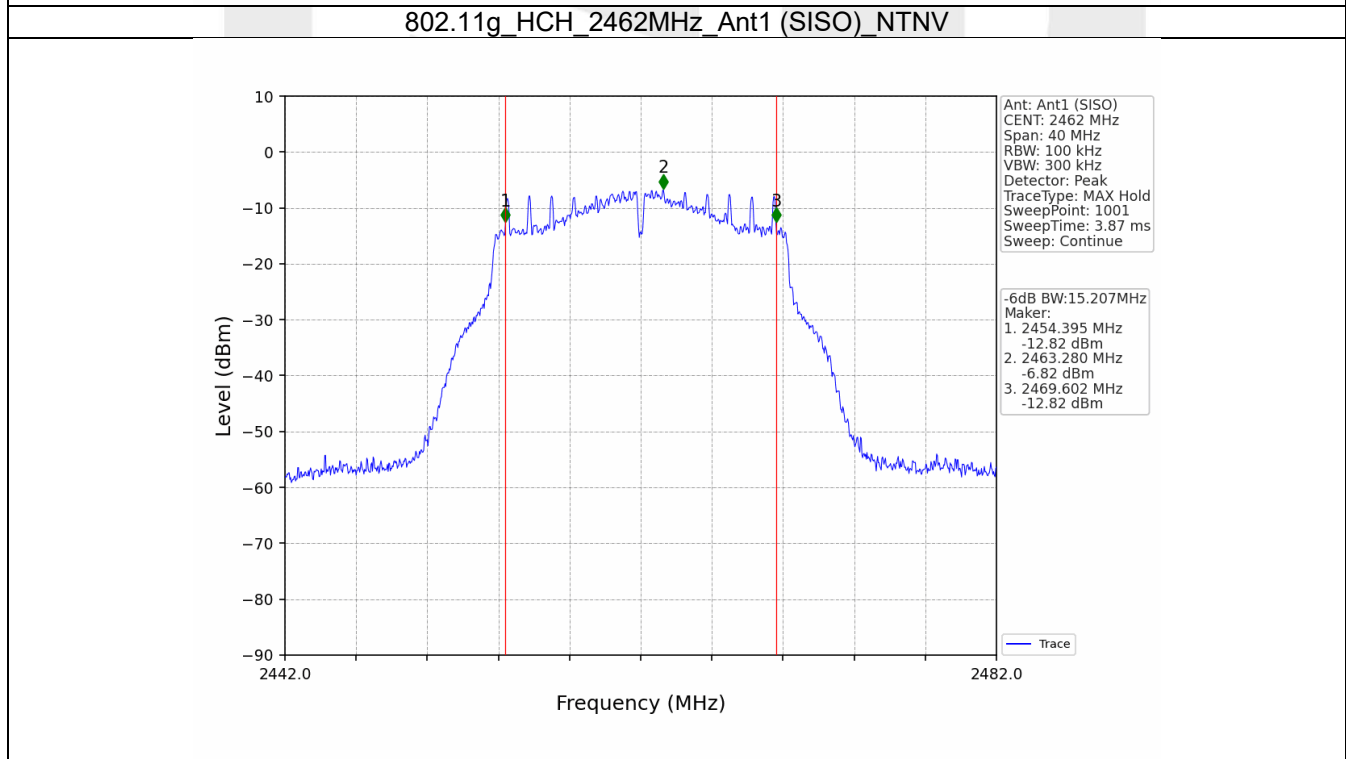
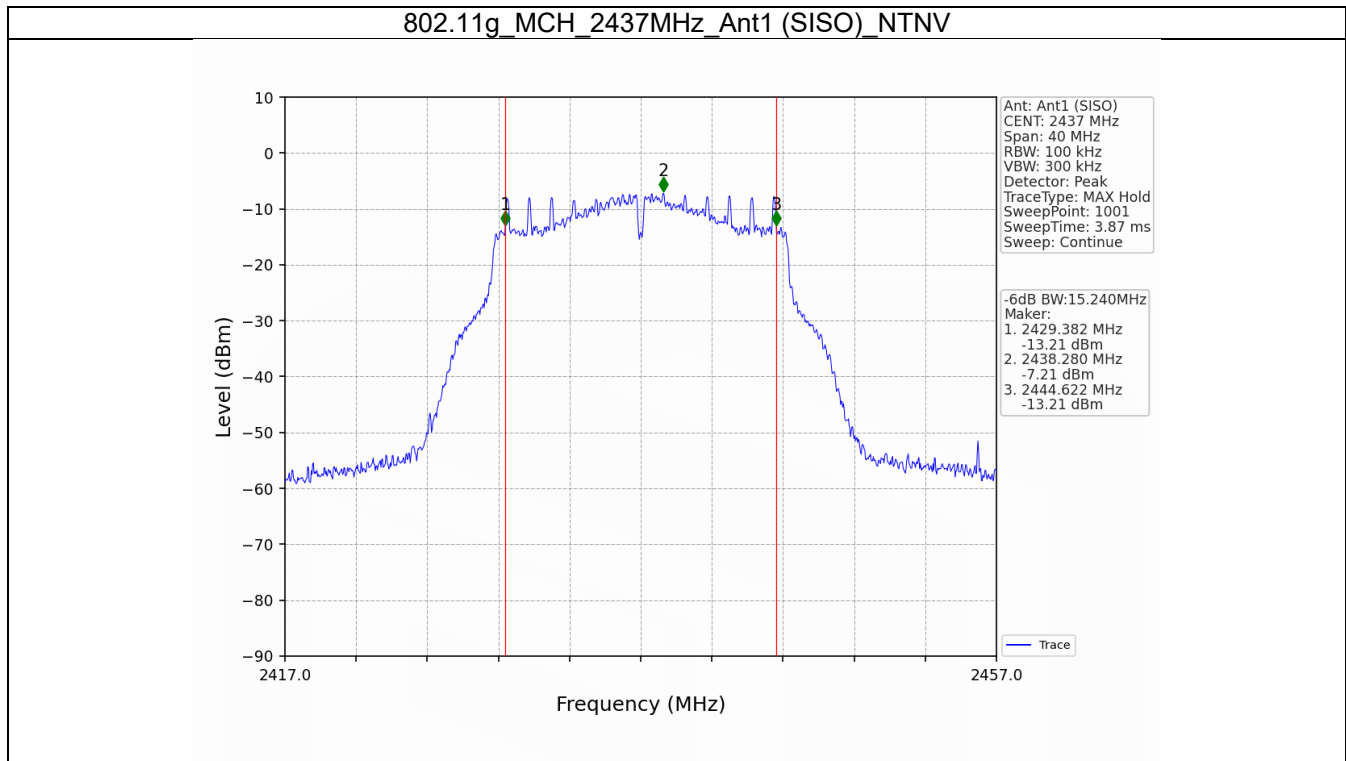
2.2.1 Test Result

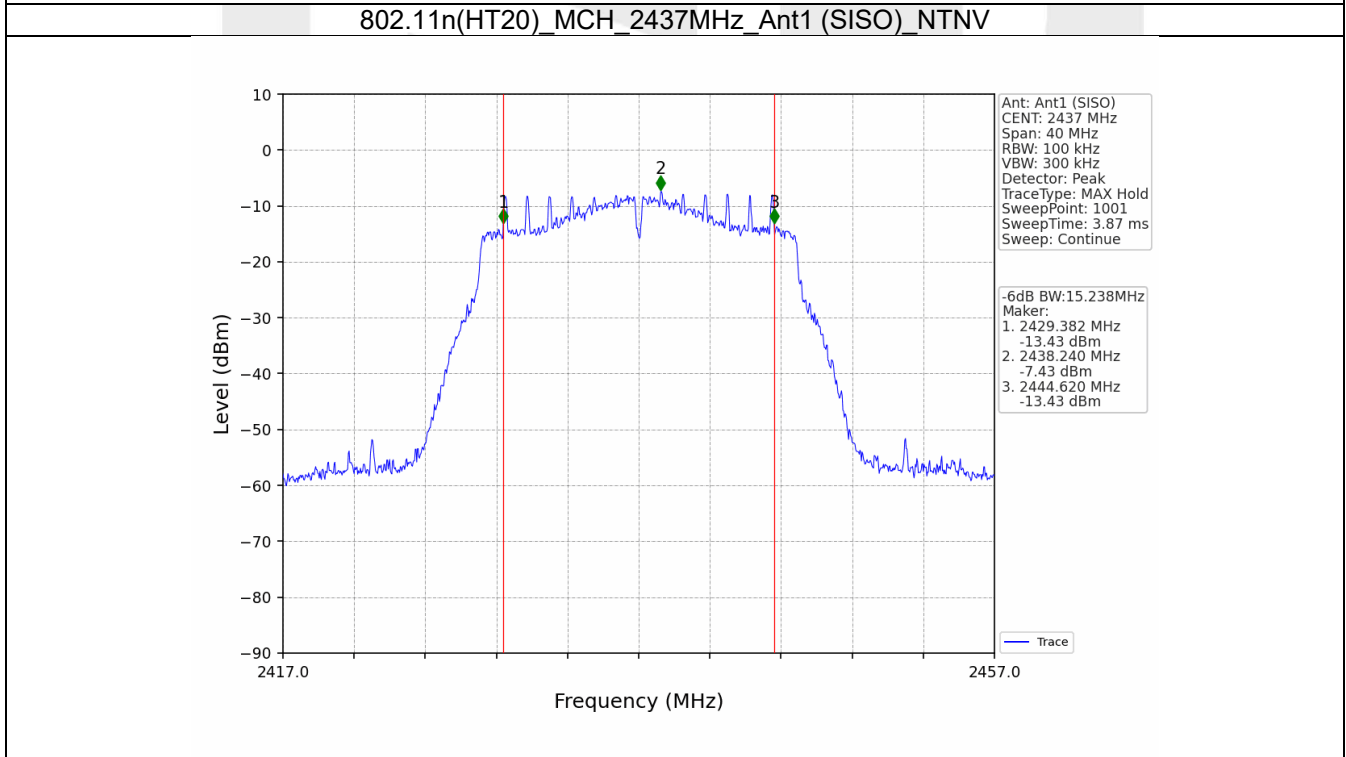
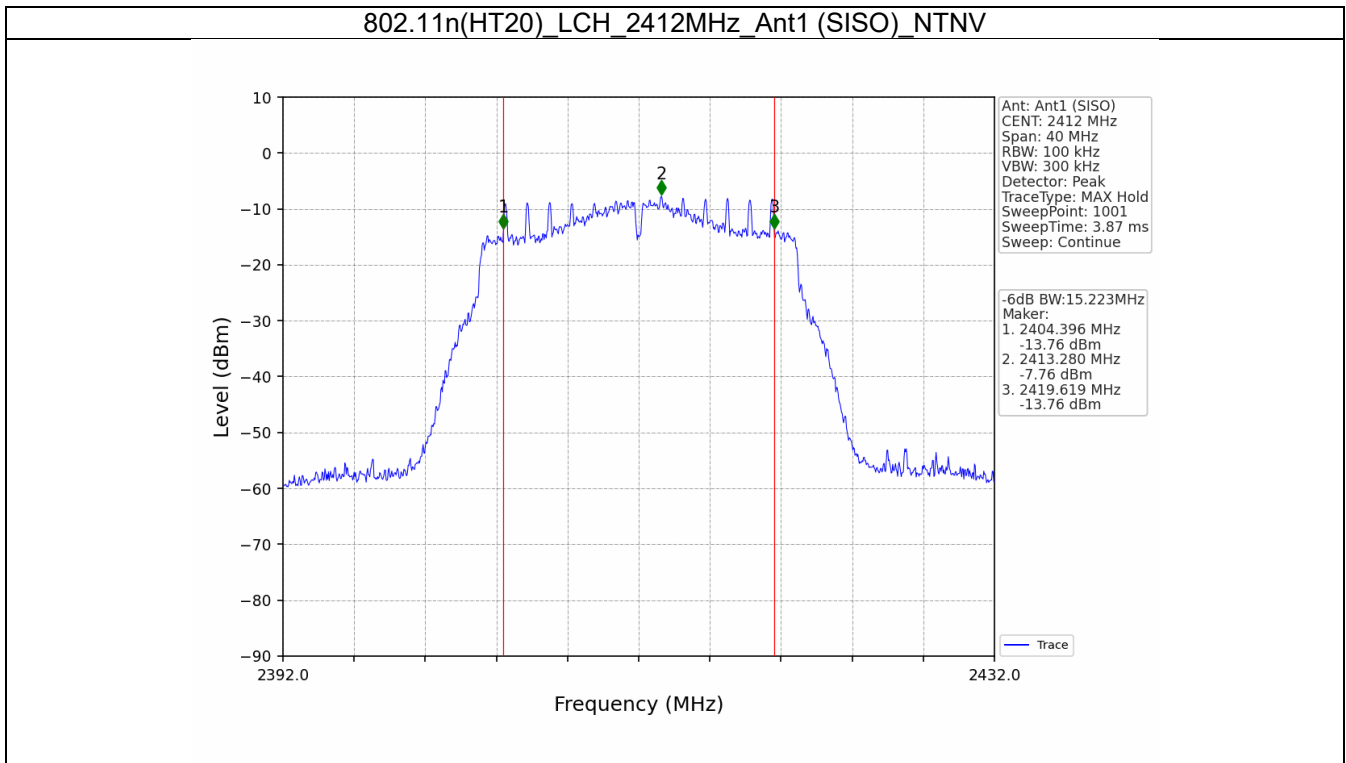
| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) | | Verdict |
|----------------|---------|-----------------|-----|---------------------|-------|---------|
| | | | | Result | Limit | |
| 802.11b | SISO | 2412 | 1 | 7.234 | >=0.5 | Pass |
| | | 2437 | 1 | 6.986 | >=0.5 | Pass |
| | | 2462 | 1 | 7.824 | >=0.5 | Pass |
| 802.11g | SISO | 2412 | 1 | 15.504 | >=0.5 | Pass |
| | | 2437 | 1 | 15.240 | >=0.5 | Pass |
| | | 2462 | 1 | 15.207 | >=0.5 | Pass |
| 802.11n (HT20) | SISO | 2412 | 1 | 15.223 | >=0.5 | Pass |
| | | 2437 | 1 | 15.238 | >=0.5 | Pass |
| | | 2462 | 1 | 15.223 | >=0.5 | Pass |

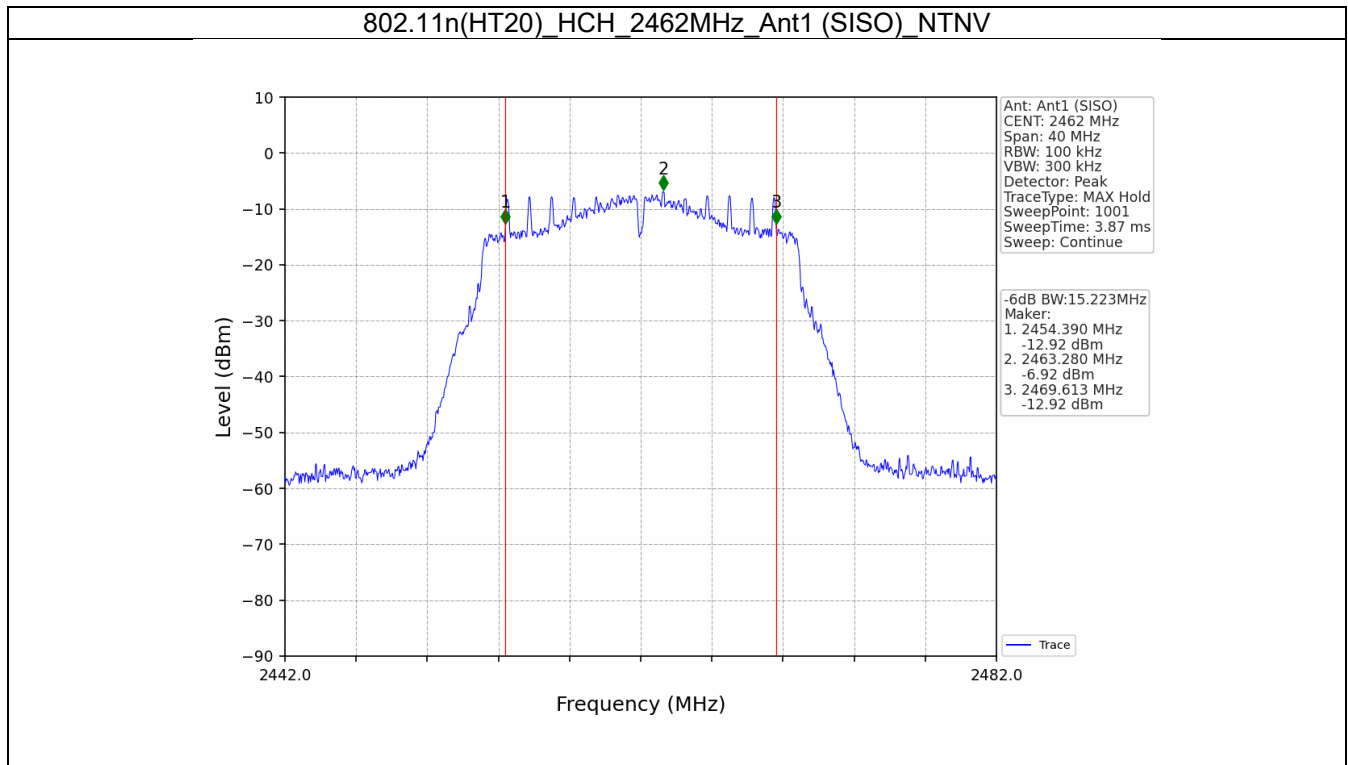
2.2.2 Test Graph











3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) | | Verdict |
|----------------|---------|-----------------|---|-------|---------|
| | | | ANT1 | Limit | |
| 802.11b | SISO | 2412 | 13.79 | <=30 | Pass |
| | | 2437 | 14.14 | <=30 | Pass |
| | | 2462 | 14.28 | <=30 | Pass |
| 802.11g | SISO | 2412 | 10.91 | <=30 | Pass |
| | | 2437 | 11.88 | <=30 | Pass |
| | | 2462 | 12.13 | <=30 | Pass |
| 802.11n (HT20) | SISO | 2412 | 10.67 | <=30 | Pass |
| | | 2437 | 11.13 | <=30 | Pass |
| | | 2462 | 11.58 | <=30 | Pass |

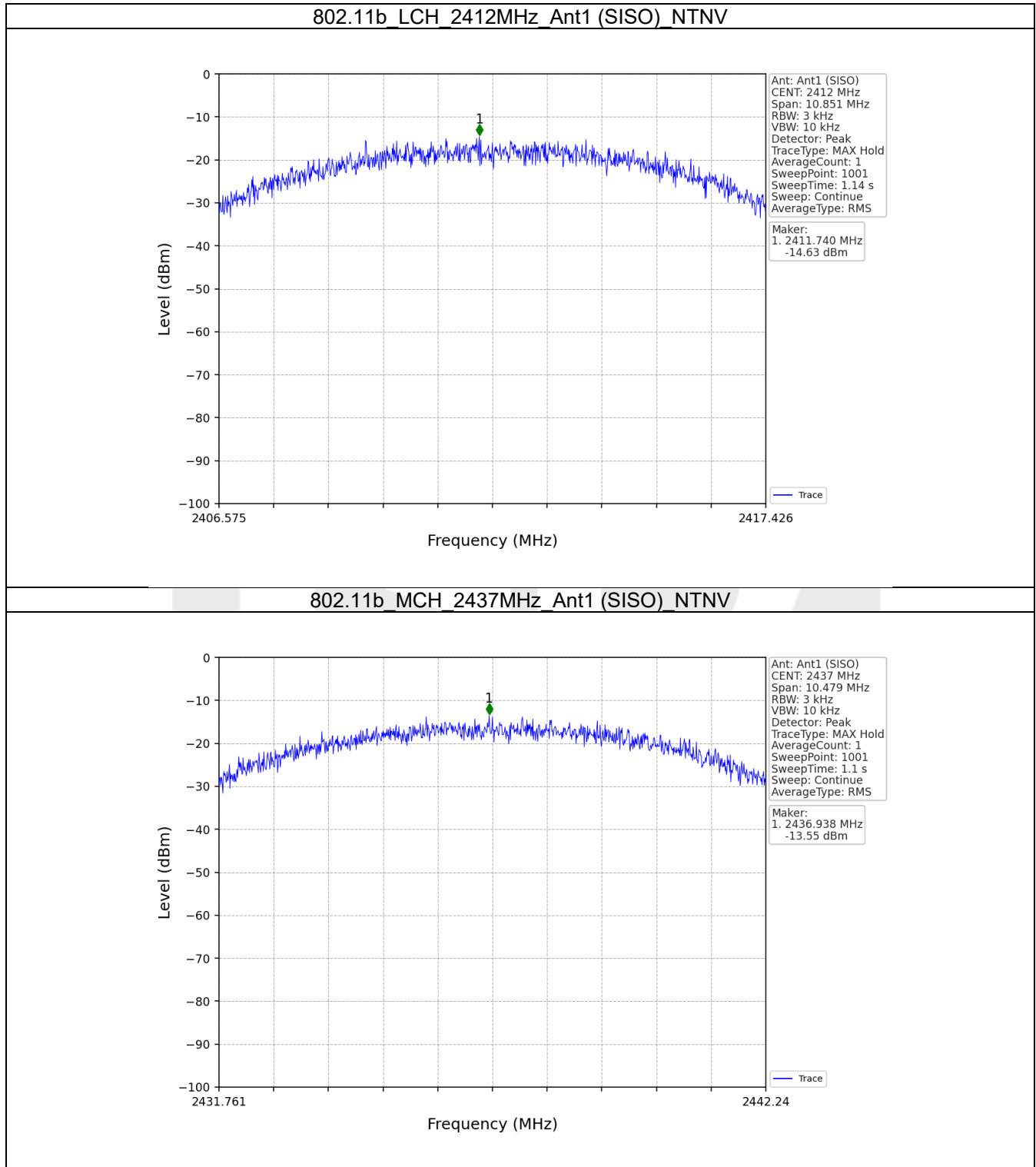
4. Maximum Power Spectral Density

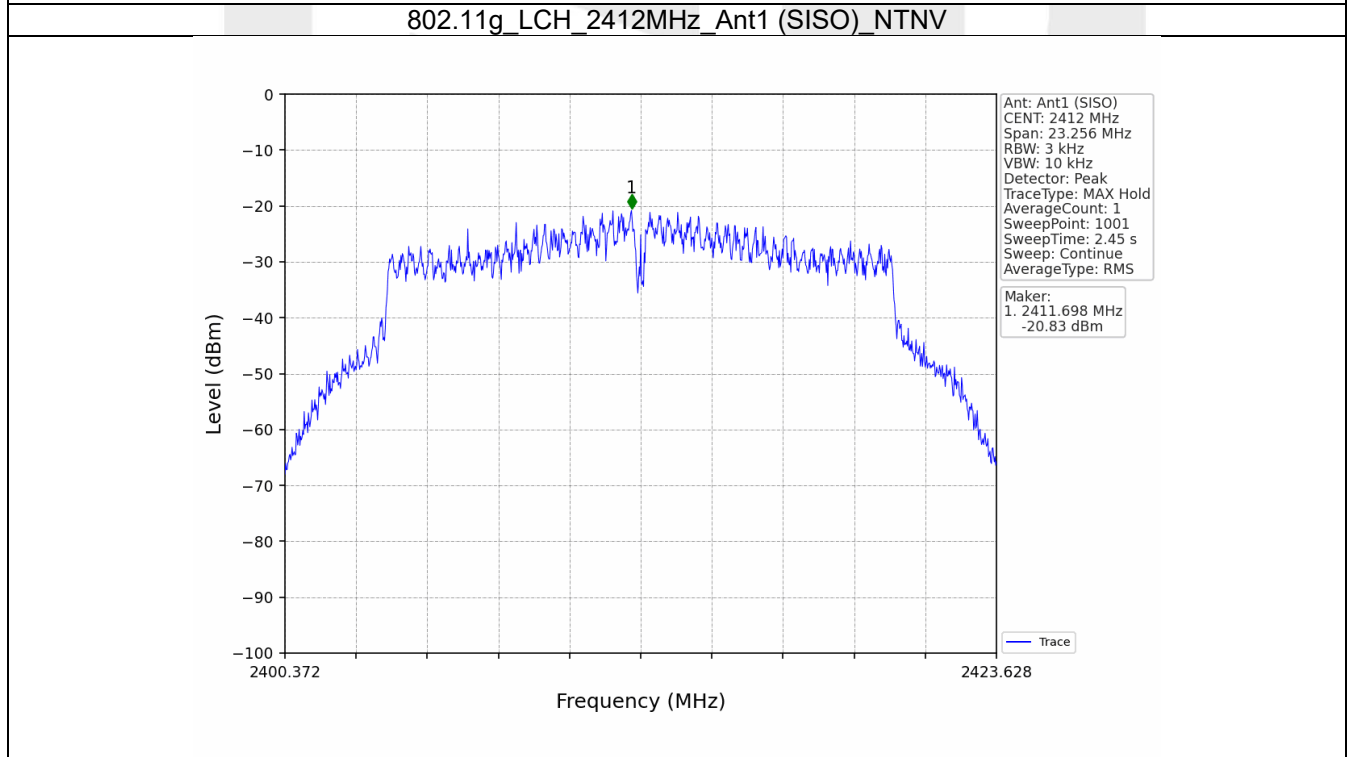
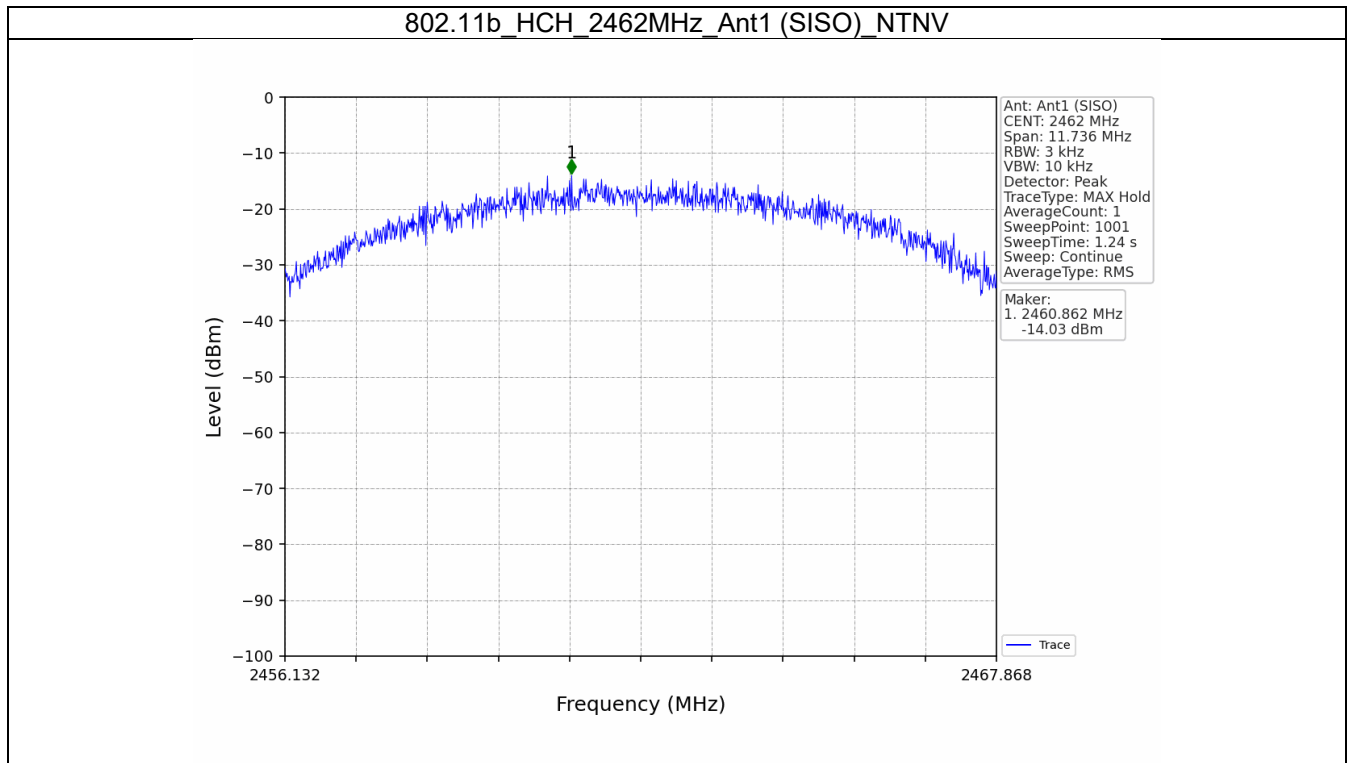
4.1 PSD

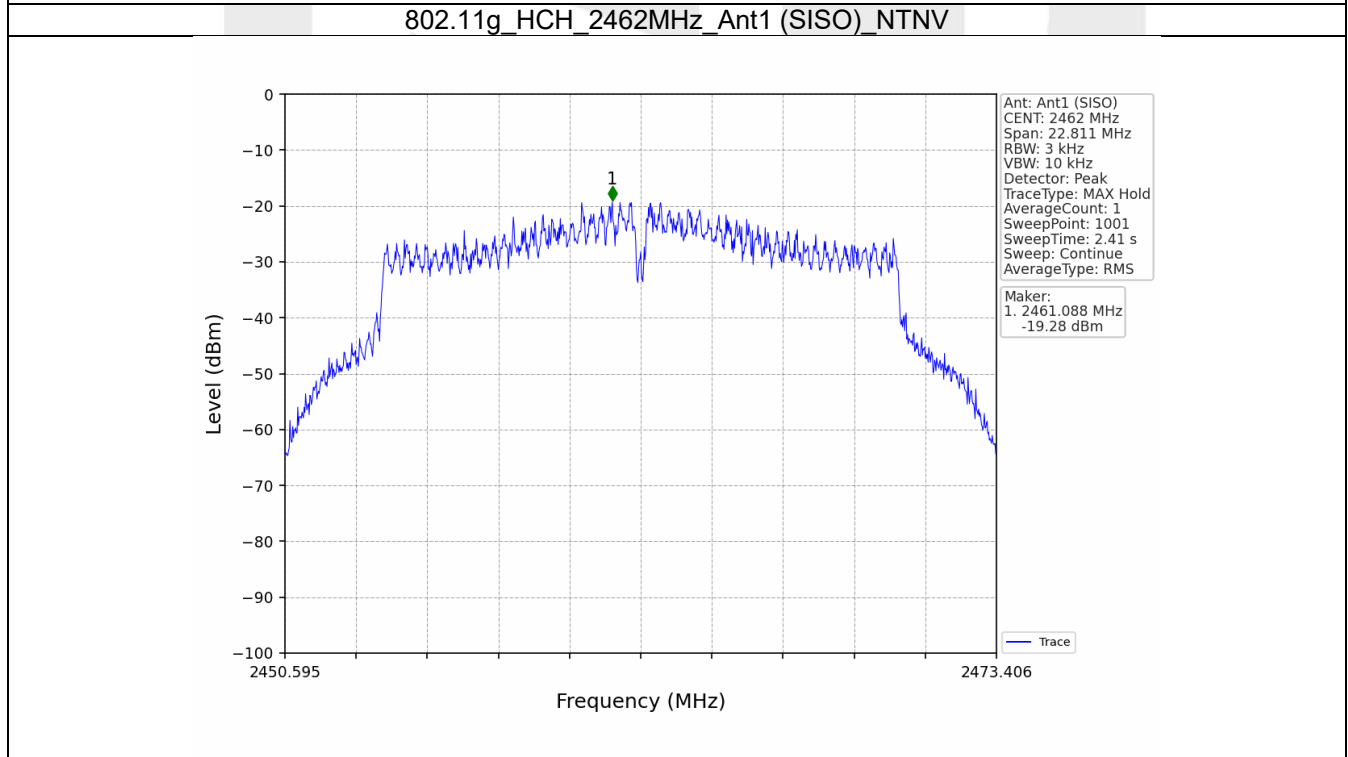
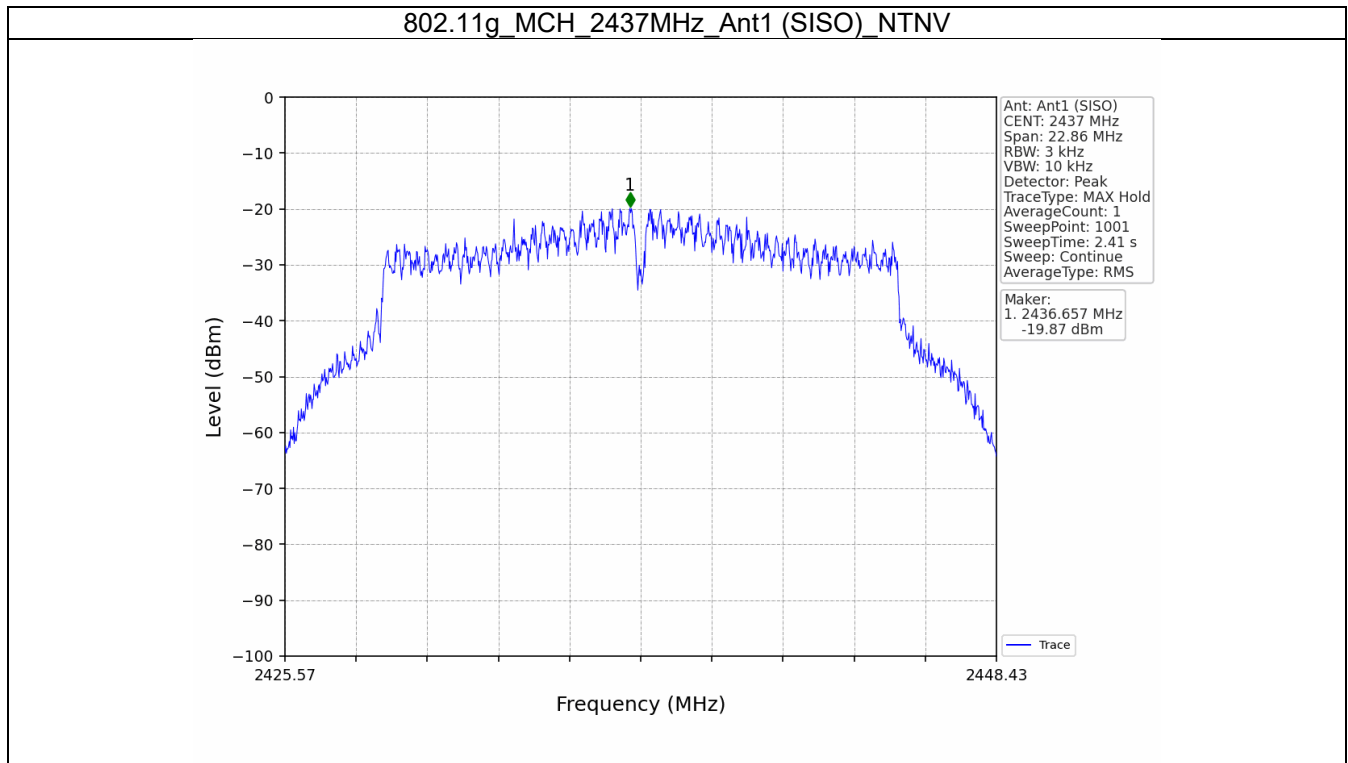
4.1.1 Test Result

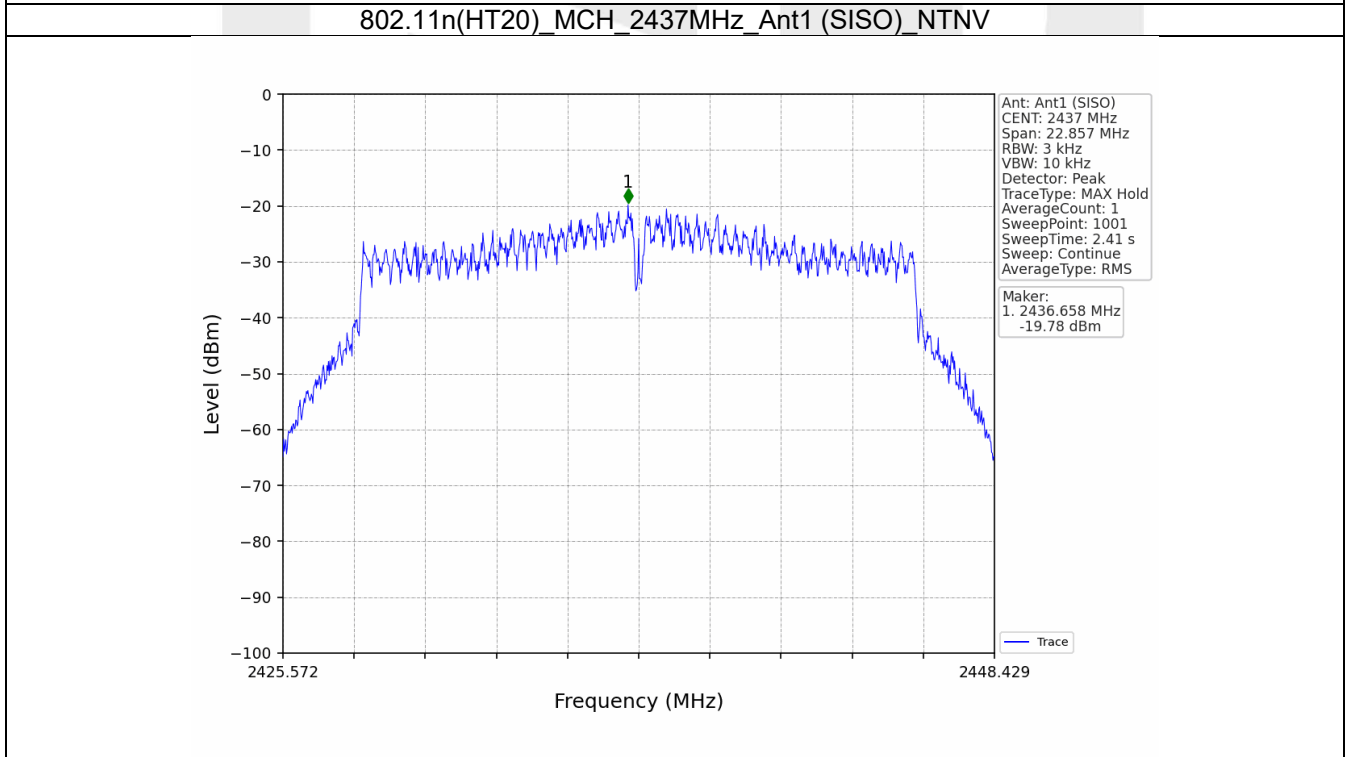
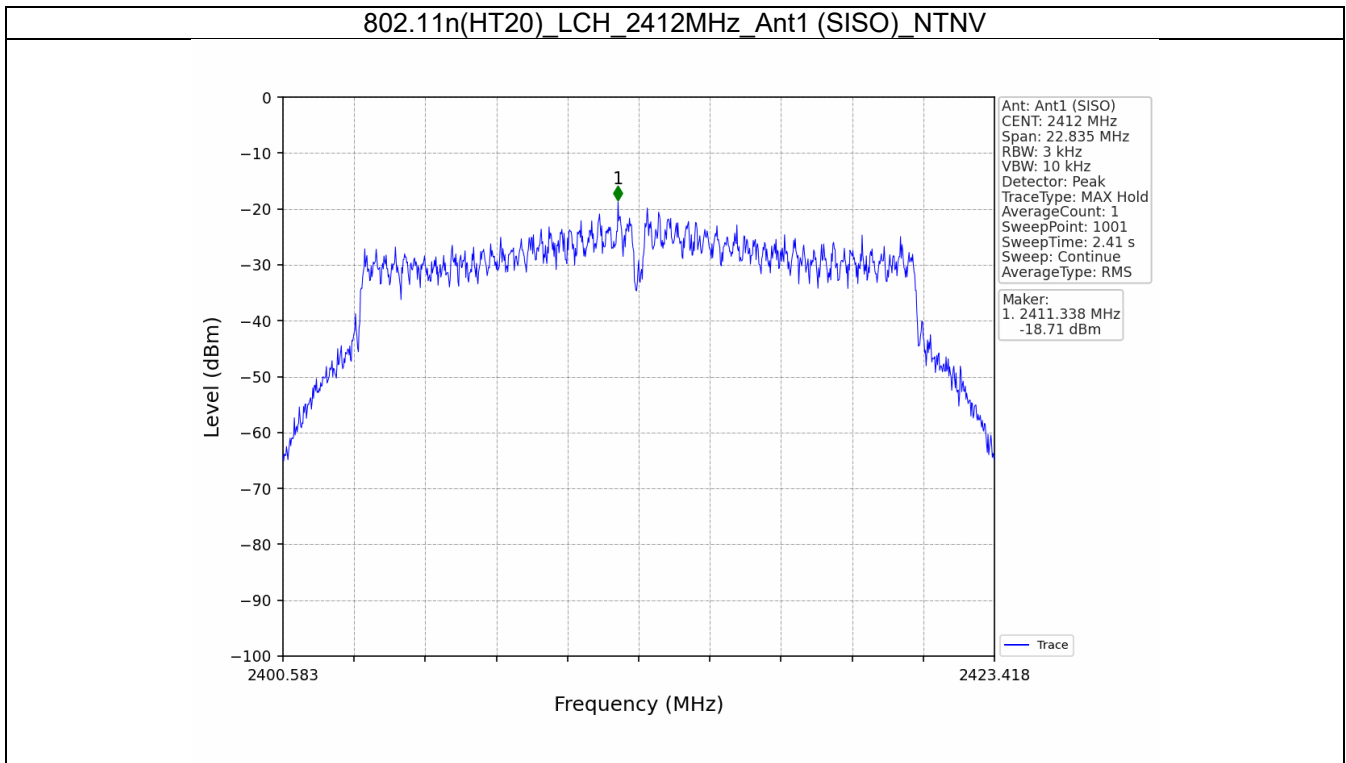
| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) | | Verdict |
|----------------|---------|-----------------|------------------------|-------|---------|
| | | | ANT1 | Limit | |
| 802.11b | SISO | 2412 | -14.63 | <=8 | Pass |
| | | 2437 | -13.55 | <=8 | Pass |
| | | 2462 | -14.03 | <=8 | Pass |
| 802.11g | SISO | 2412 | -20.83 | <=8 | Pass |
| | | 2437 | -19.87 | <=8 | Pass |
| | | 2462 | -19.28 | <=8 | Pass |
| 802.11n (HT20) | SISO | 2412 | -18.71 | <=8 | Pass |
| | | 2437 | -19.78 | <=8 | Pass |
| | | 2462 | -18.87 | <=8 | Pass |

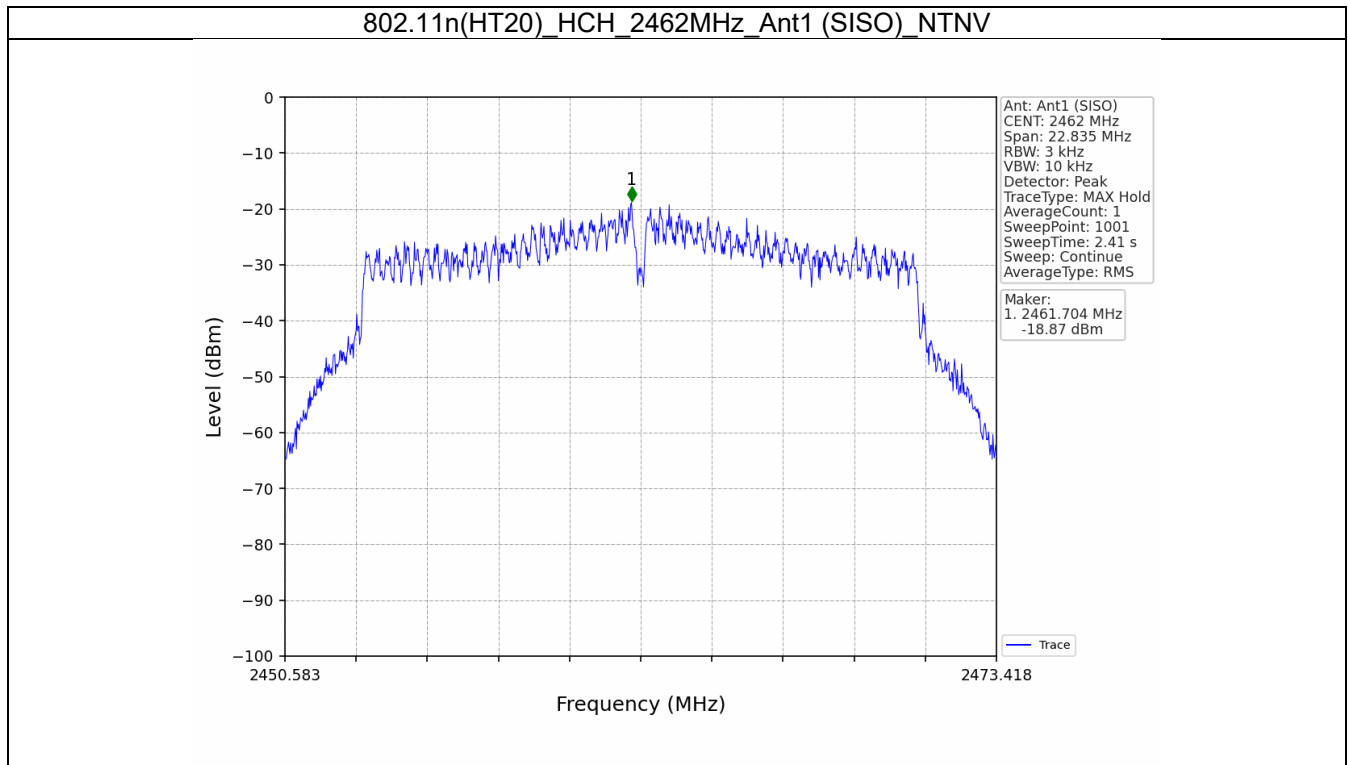
4.1.2 Test Graph











5. Unwanted Emissions In Non-restricted Frequency Bands

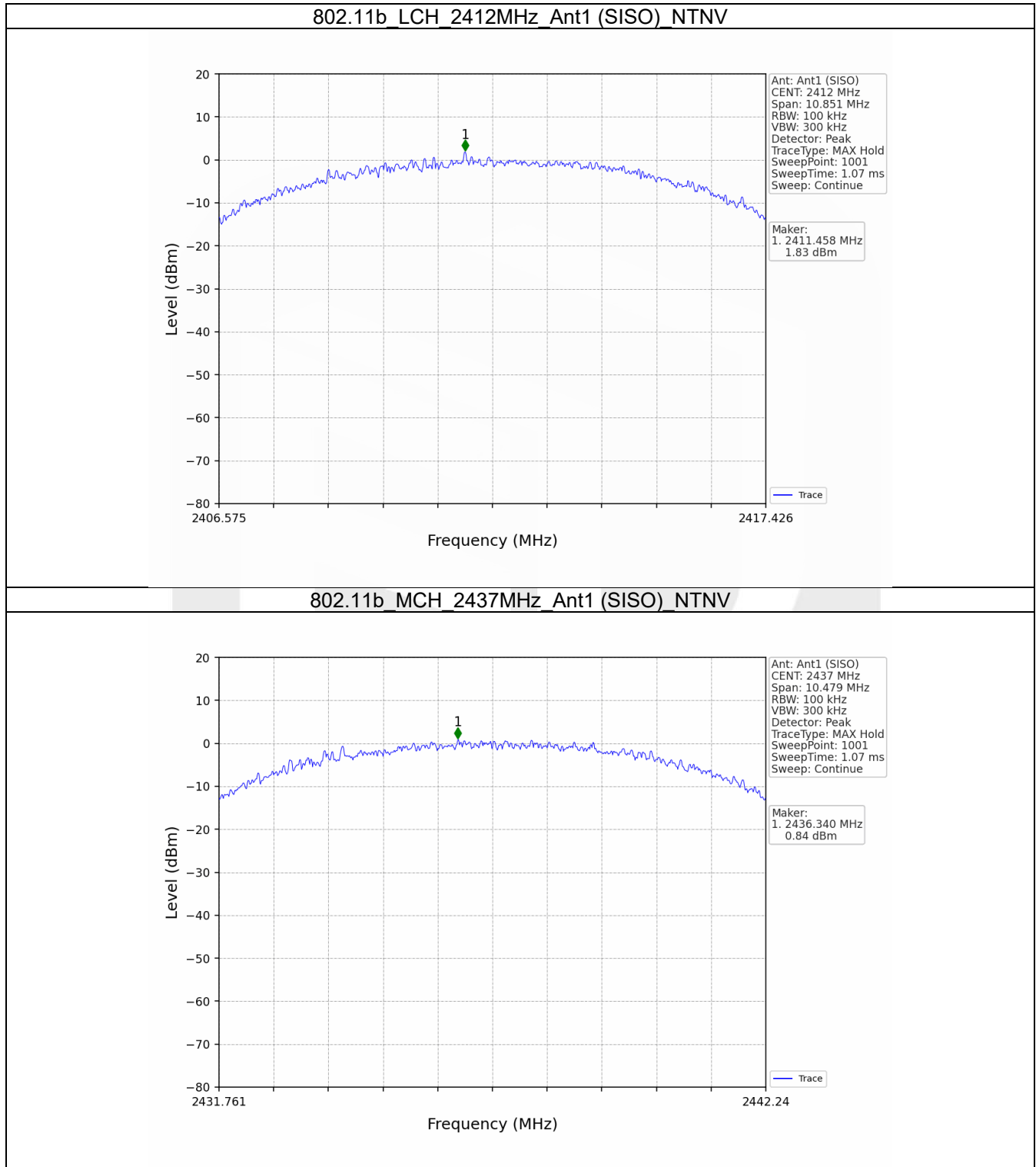
5.1 Ref

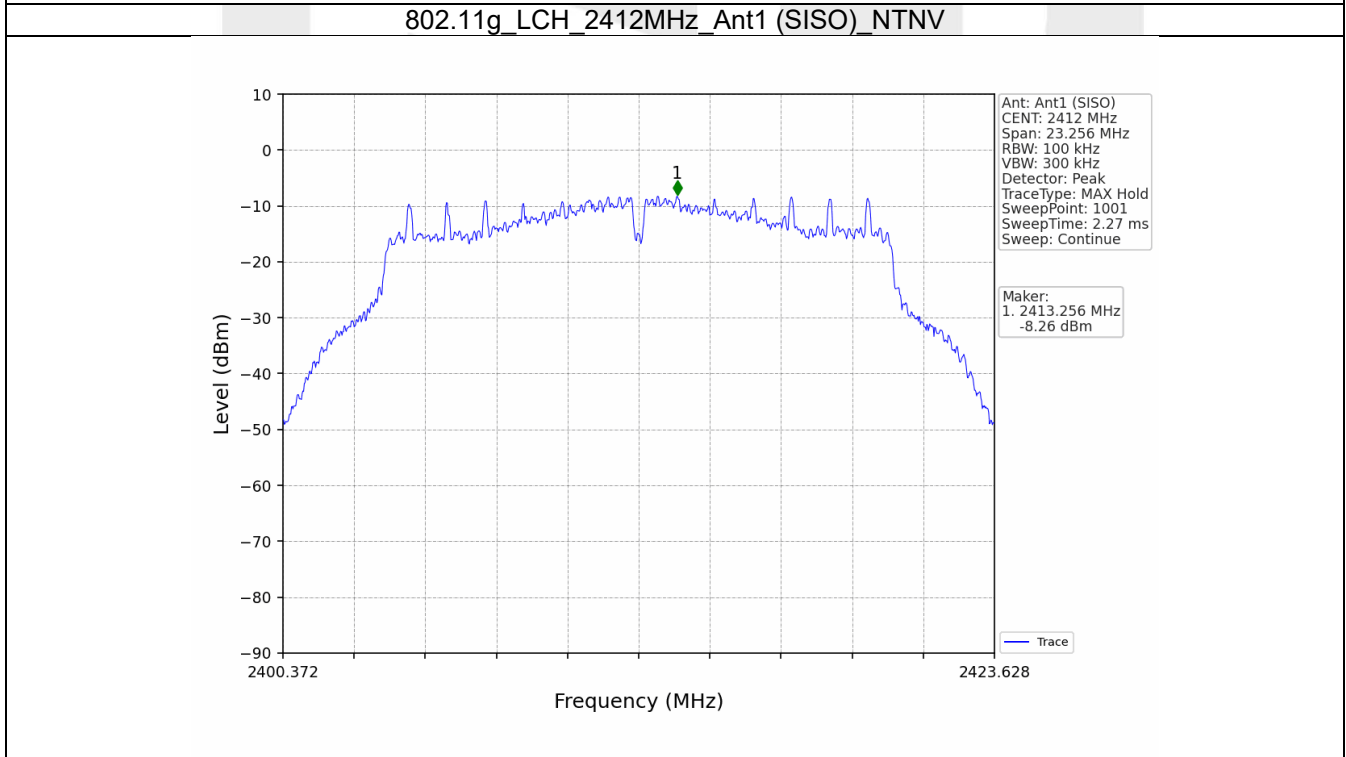
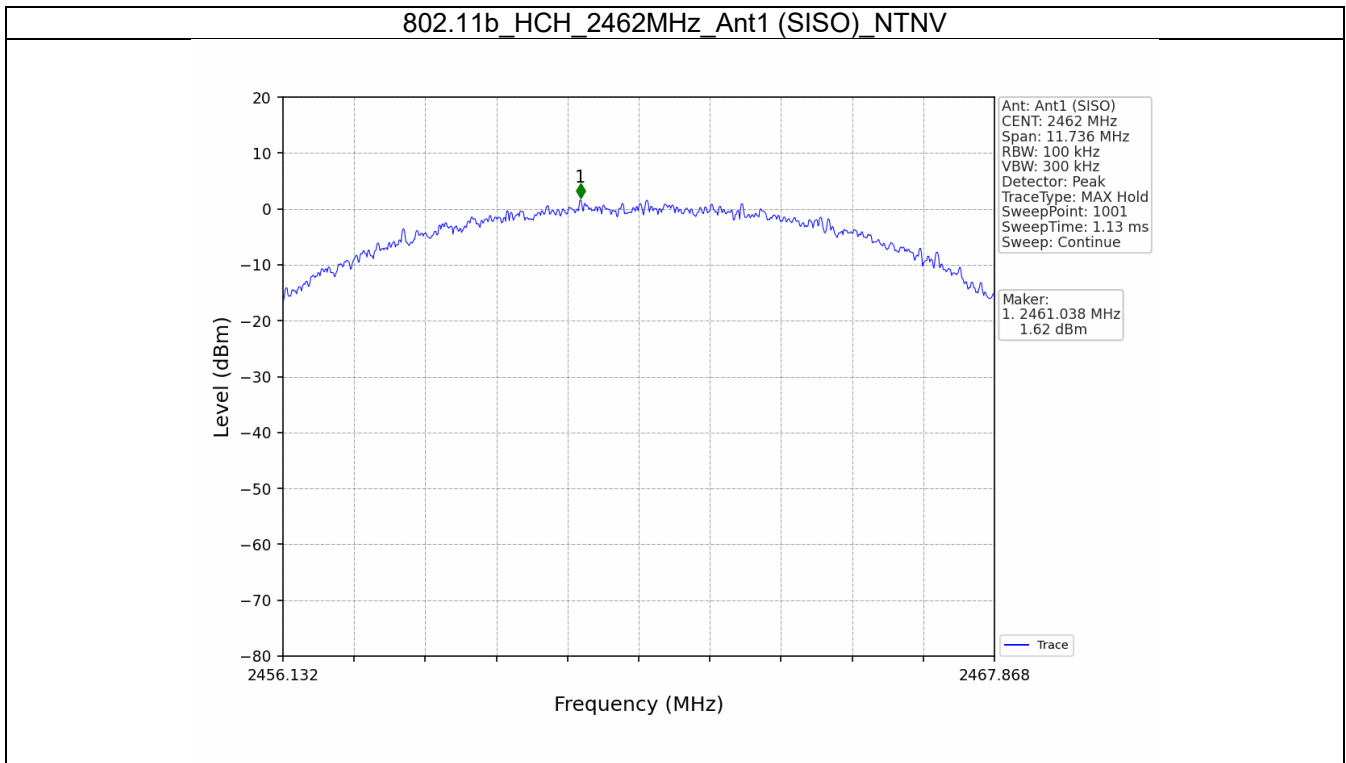
5.1.1 Test Result

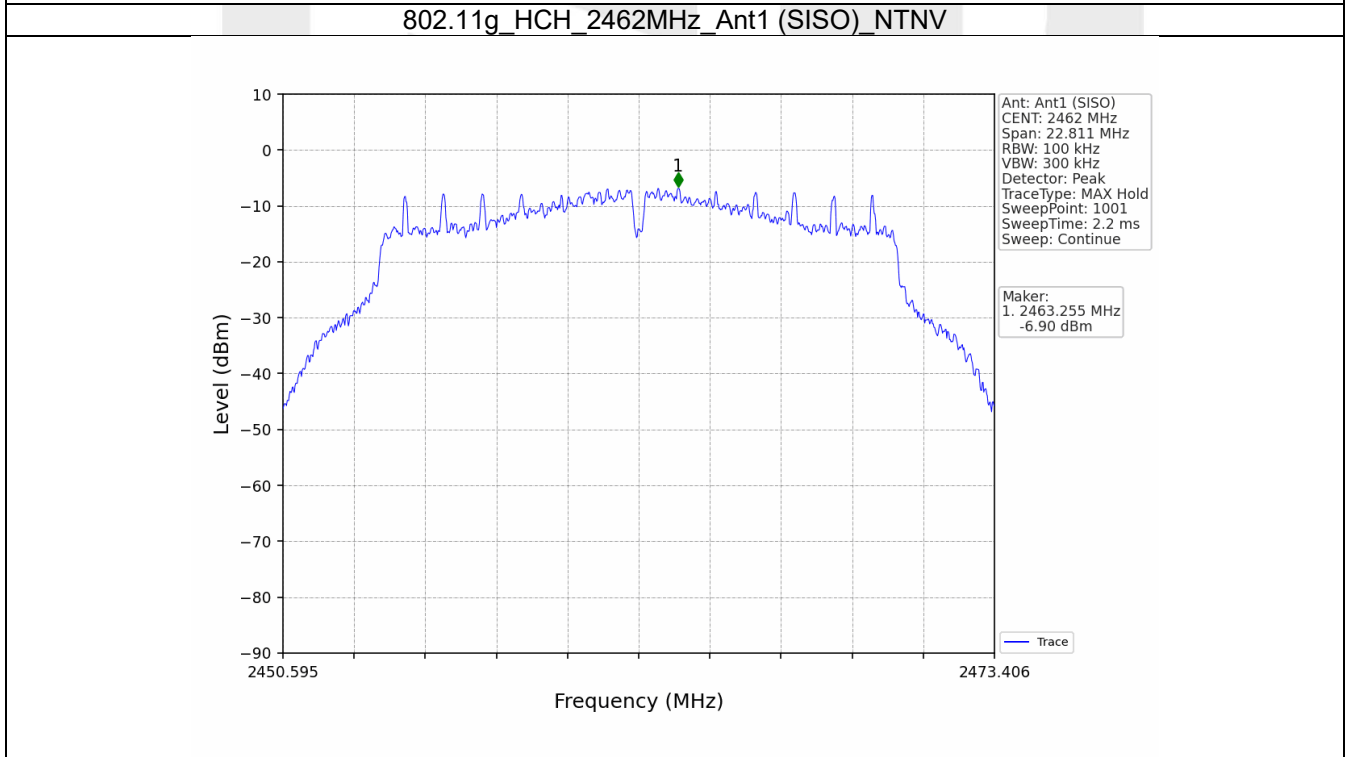
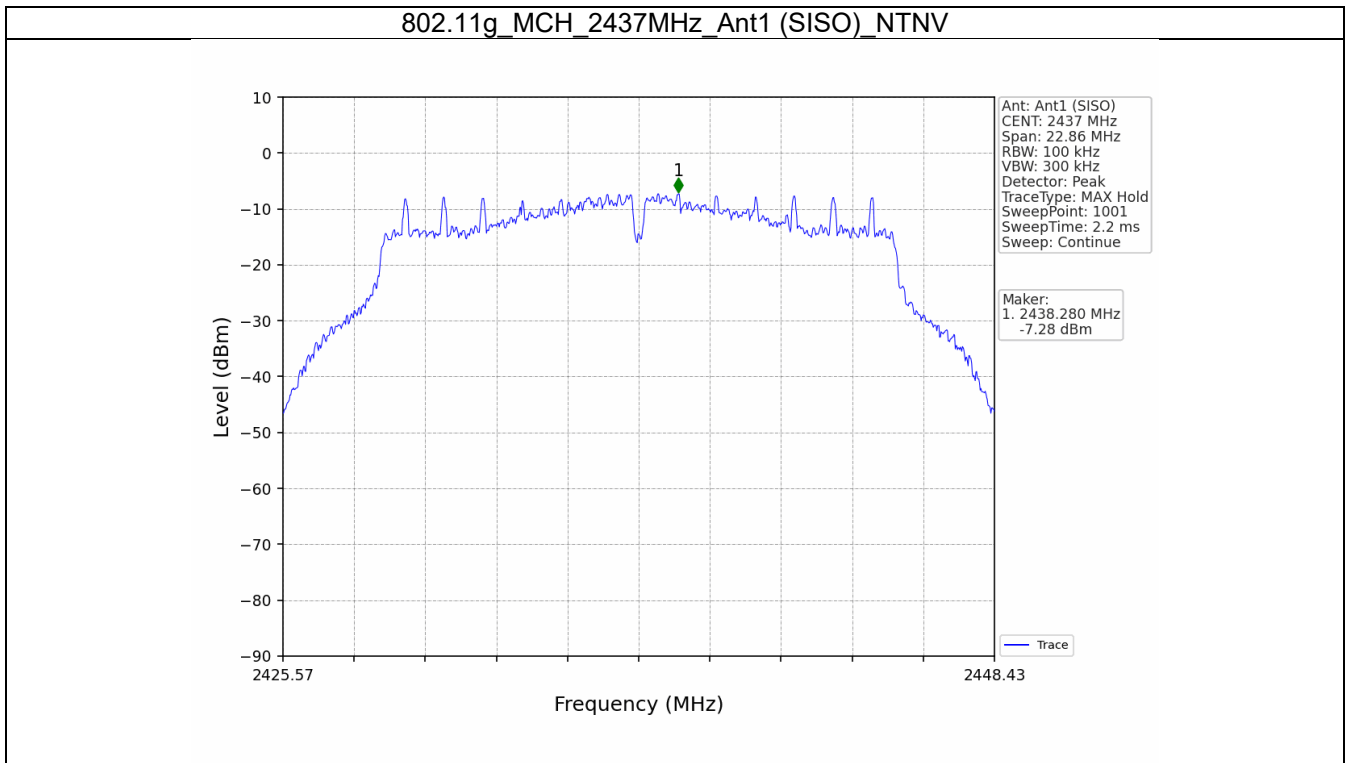
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|----------------|---------|-----------------|-----|--------------------------|
| 802.11b | SISO | 2412 | 1 | 1.83 |
| | | 2437 | 1 | 0.84 |
| | | 2462 | 1 | 1.62 |
| 802.11g | SISO | 2412 | 1 | -8.26 |
| | | 2437 | 1 | -7.28 |
| | | 2462 | 1 | -6.90 |
| 802.11n (HT20) | SISO | 2412 | 1 | -7.82 |
| | | 2437 | 1 | -7.75 |
| | | 2462 | 1 | -7.03 |

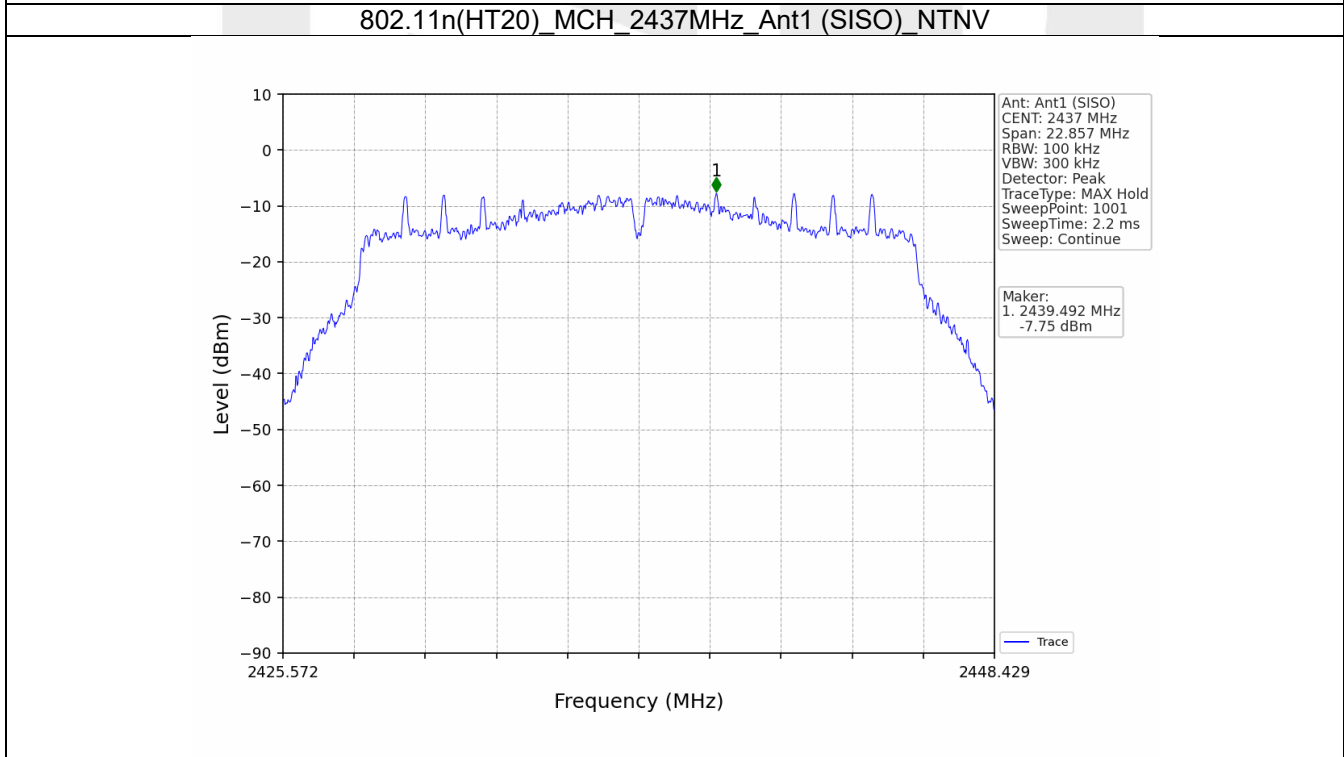
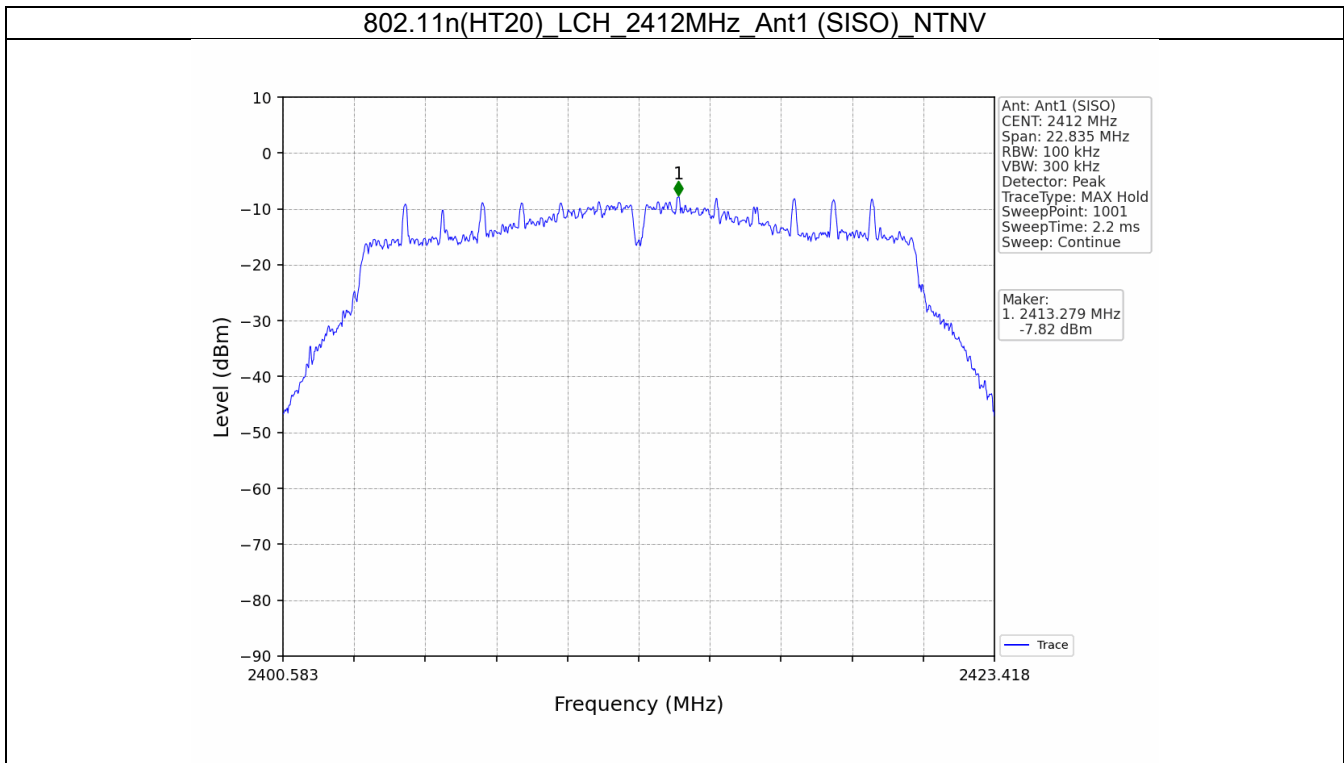
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

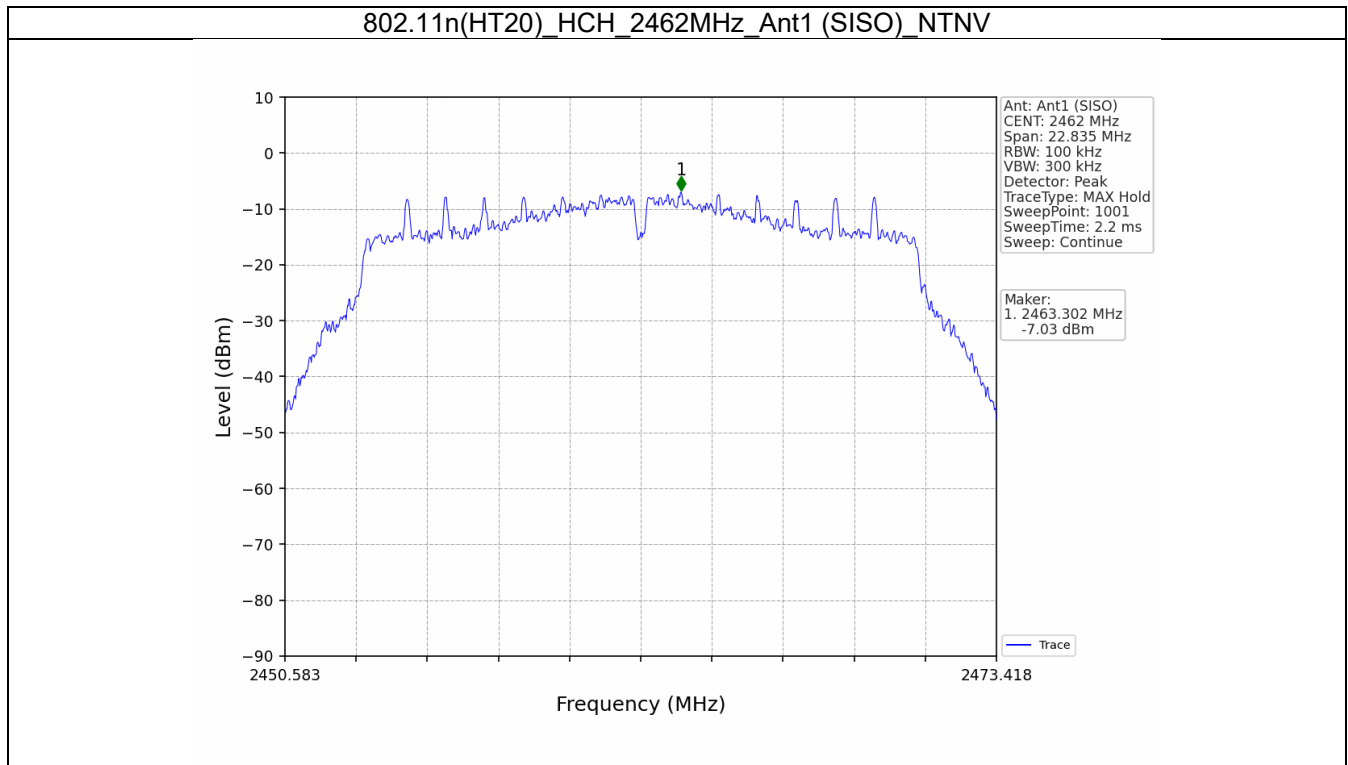
5.1.2 Test Graph









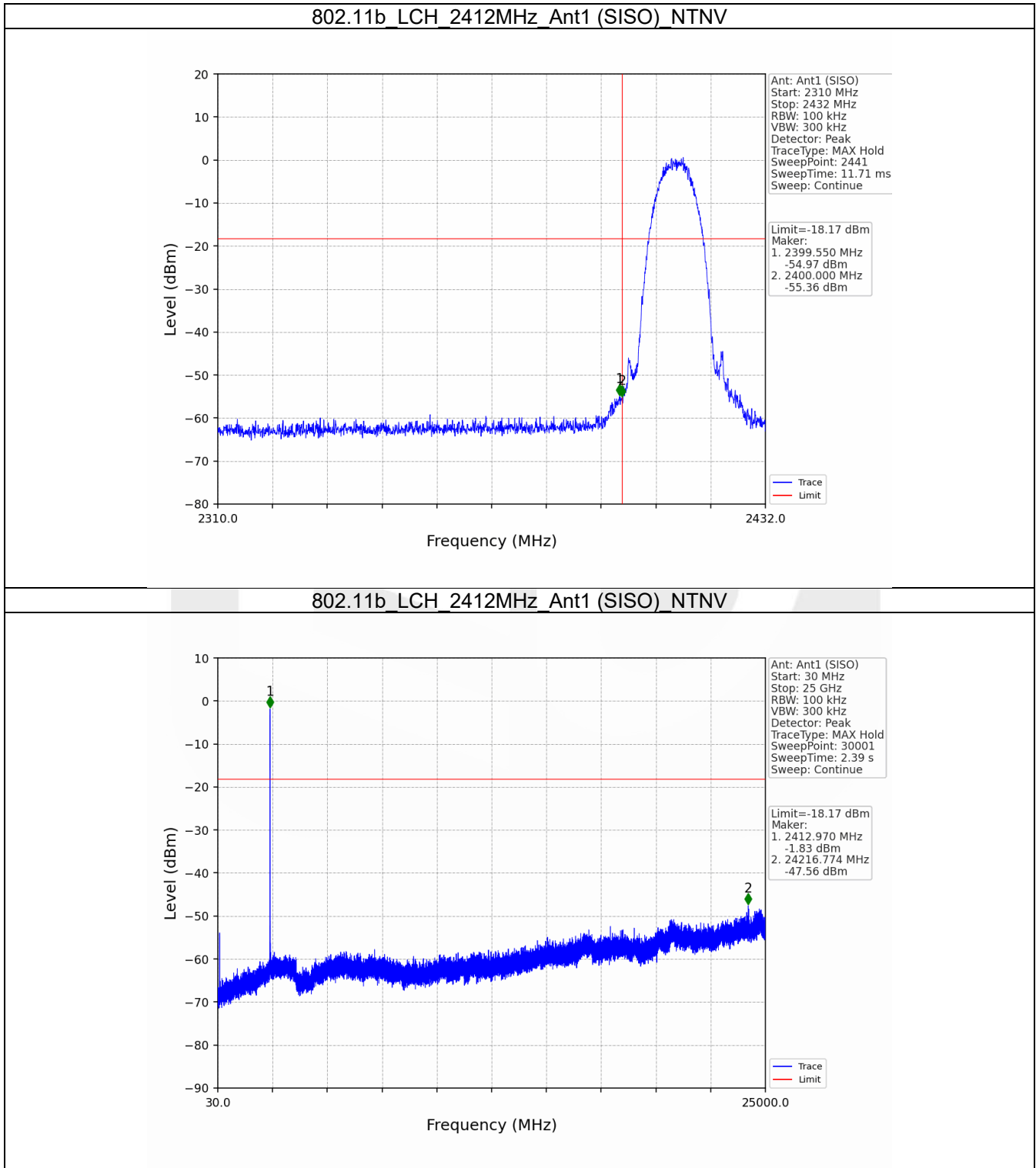


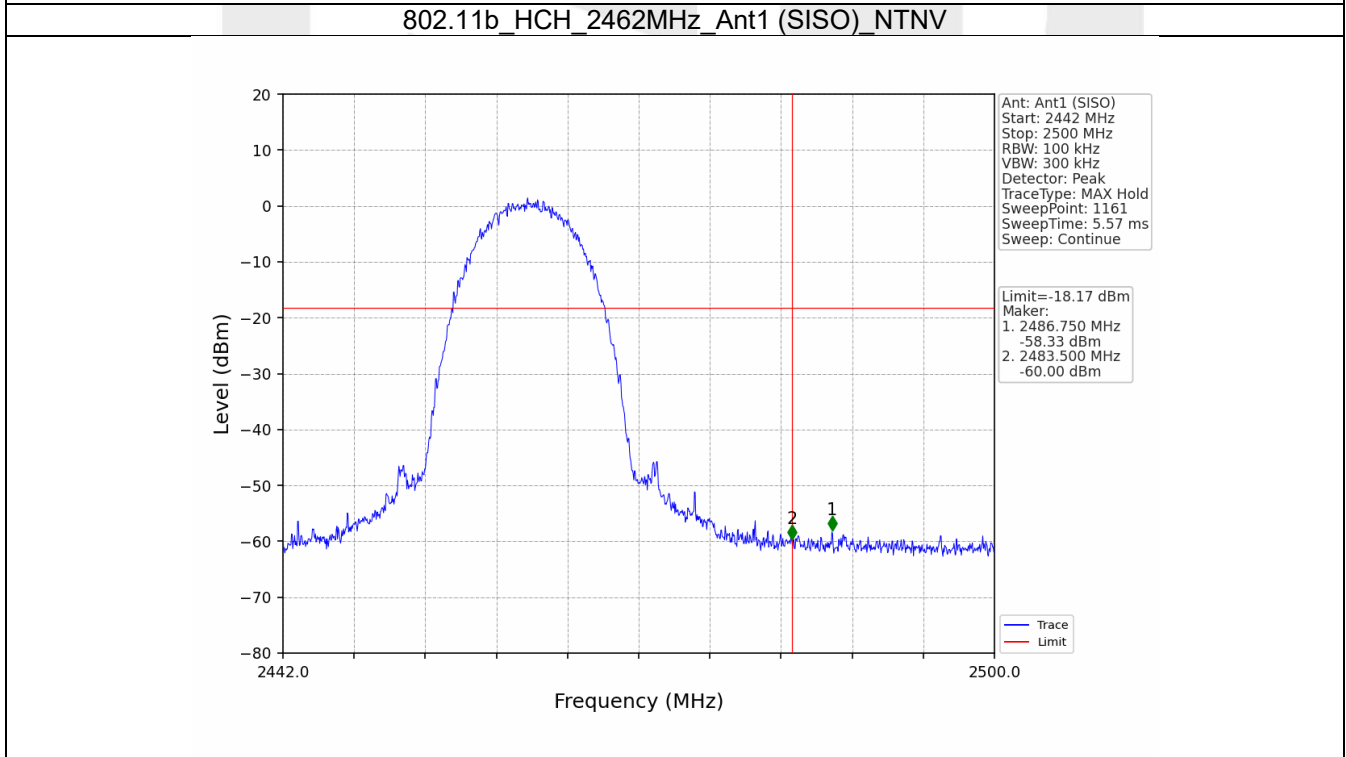
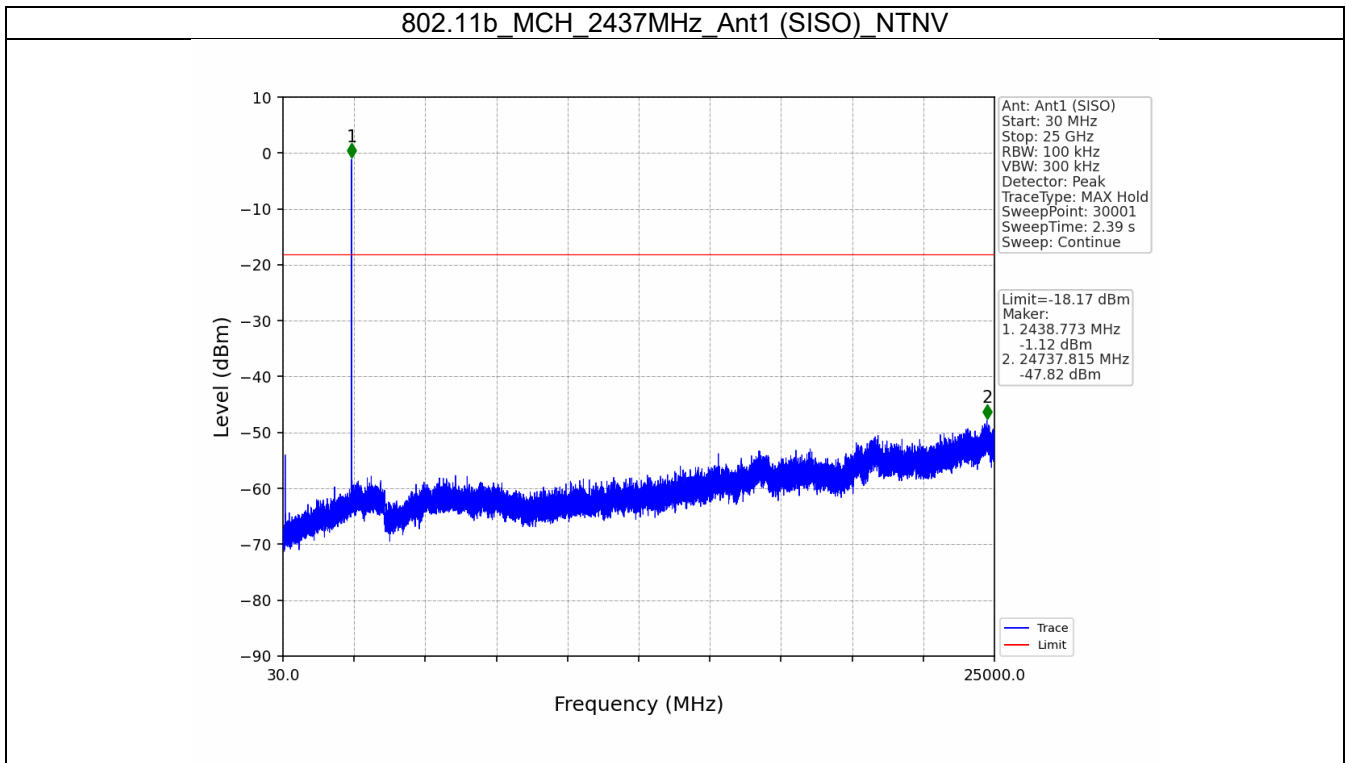
5.2 CSE
5.2.1 Test Result

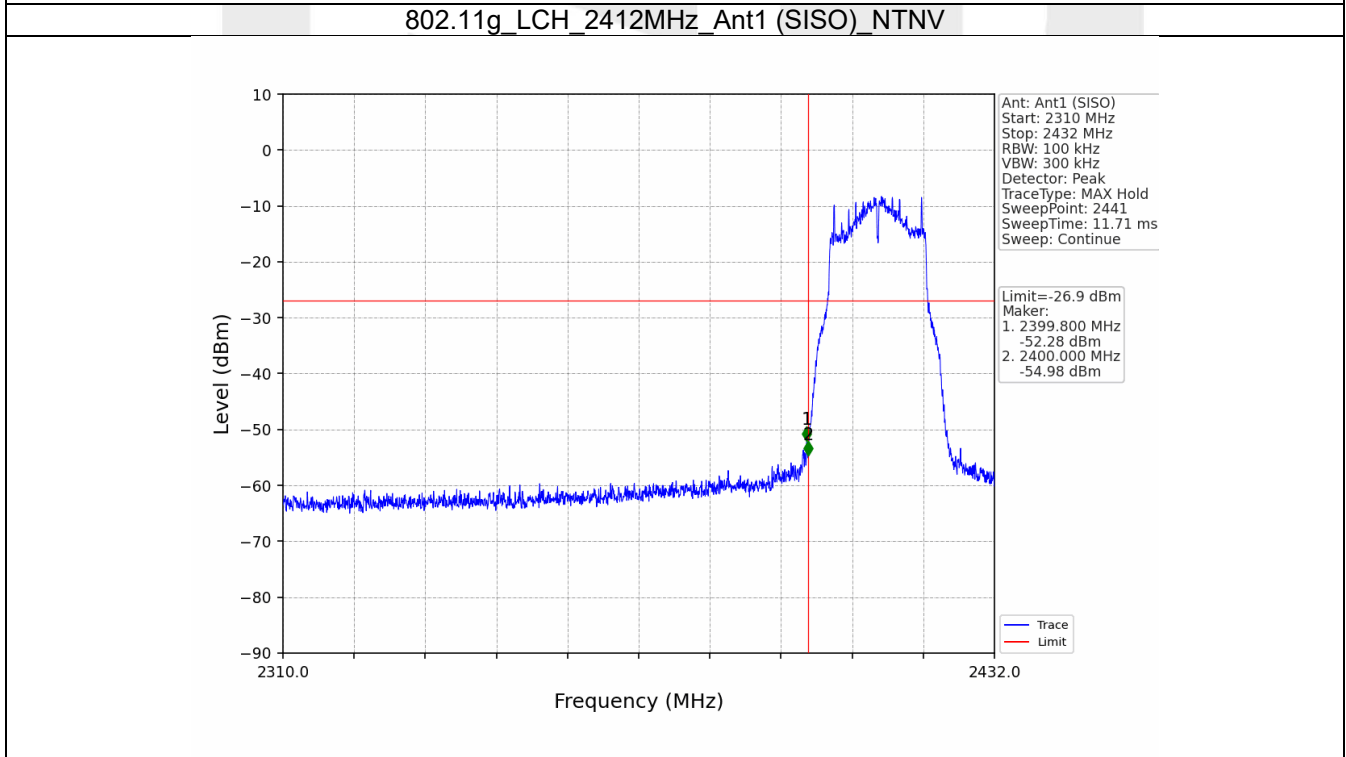
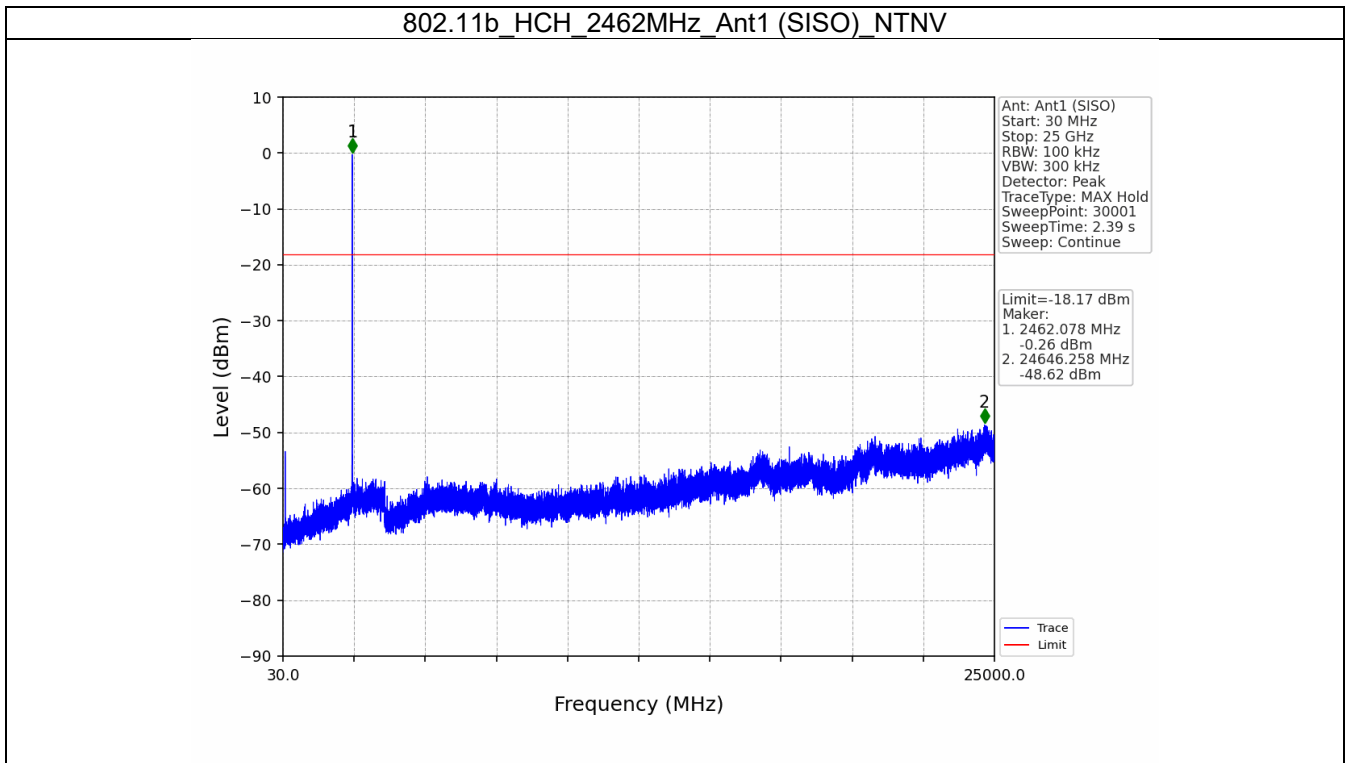
| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|----------------|---------|-----------------|-----|--------------------------|-------------|---------|
| 802.11b | SISO | 2412 | 1 | 1.83 | -18.17 | Pass |
| | | 2437 | 1 | 1.83 | -18.17 | Pass |
| | | 2462 | 1 | 1.83 | -18.17 | Pass |
| 802.11g | SISO | 2412 | 1 | -6.90 | -26.90 | Pass |
| | | 2437 | 1 | -6.90 | -26.90 | Pass |
| | | 2462 | 1 | -6.90 | -26.90 | Pass |
| 802.11n (HT20) | SISO | 2412 | 1 | -7.03 | -27.03 | Pass |
| | | 2437 | 1 | -7.03 | -27.03 | Pass |
| | | 2462 | 1 | -7.03 | -27.03 | Pass |

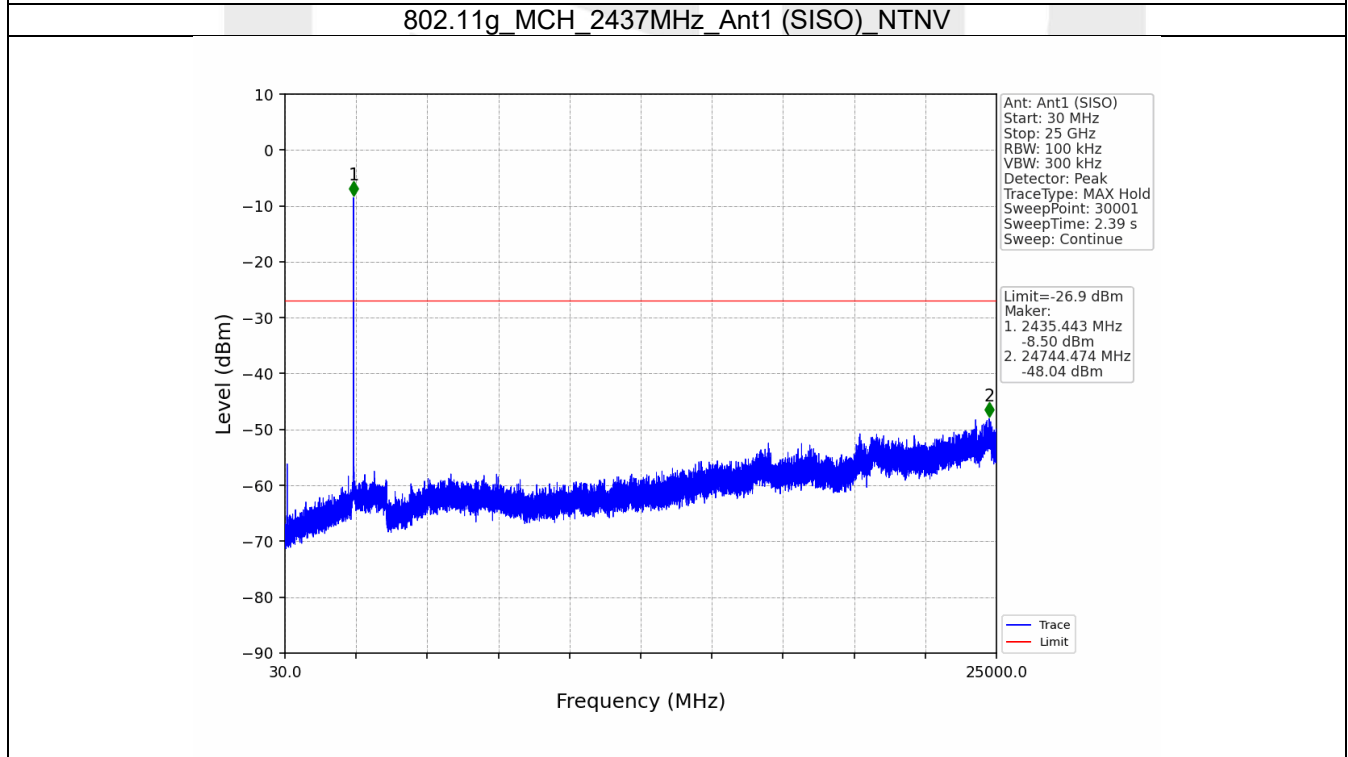
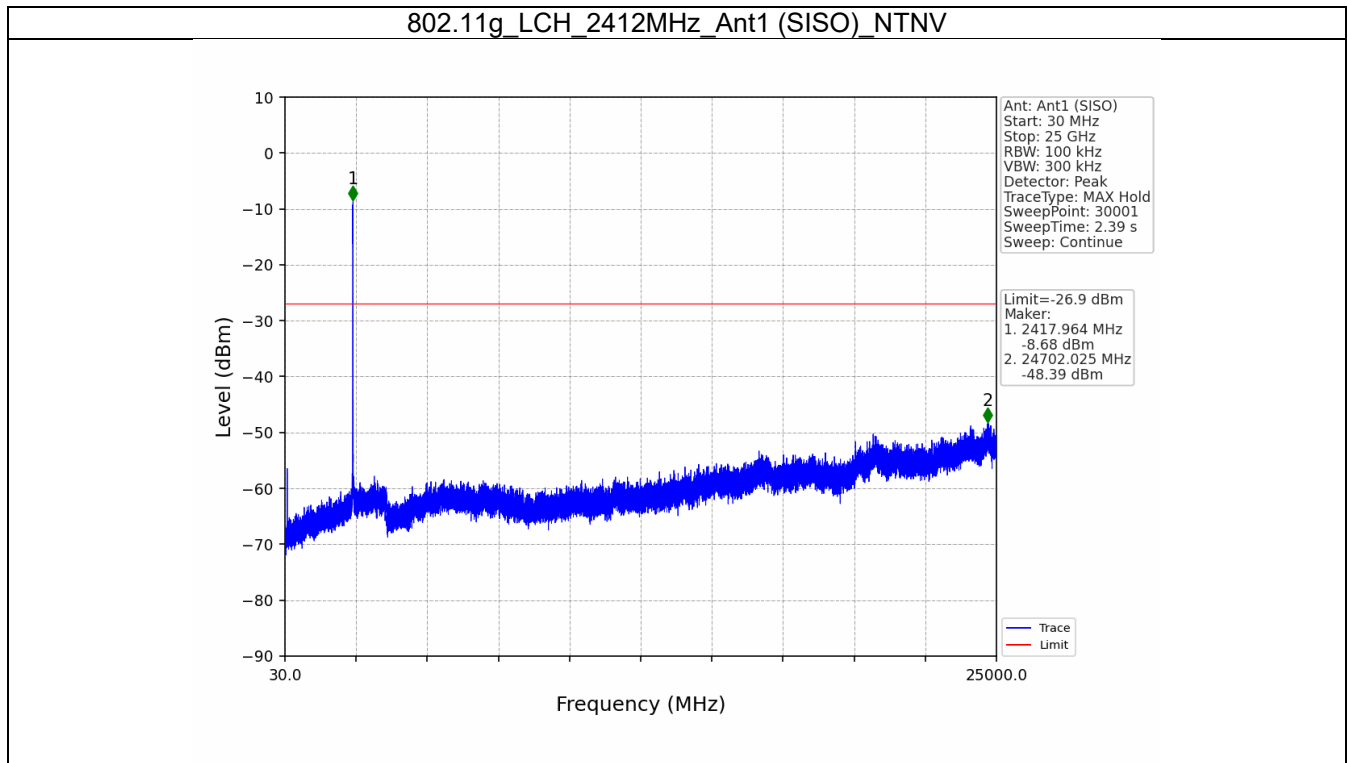
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.

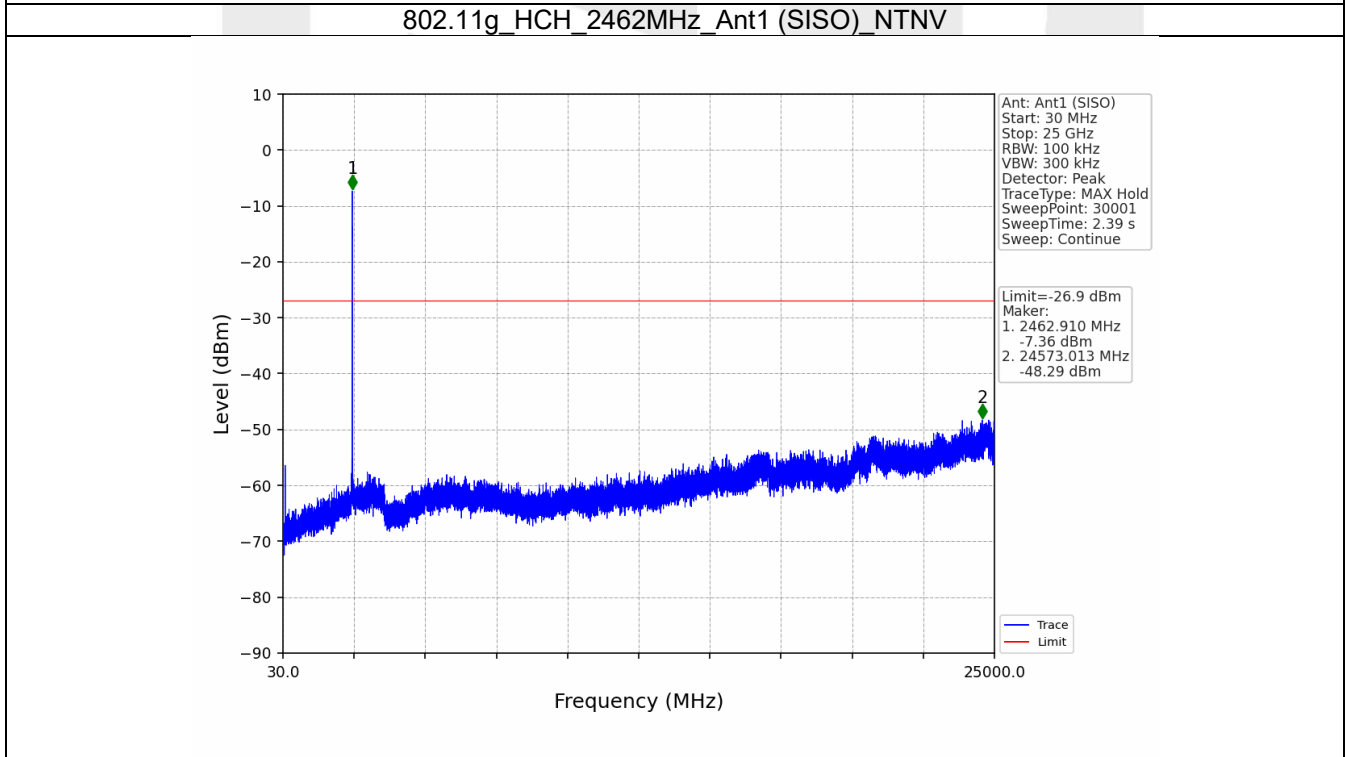
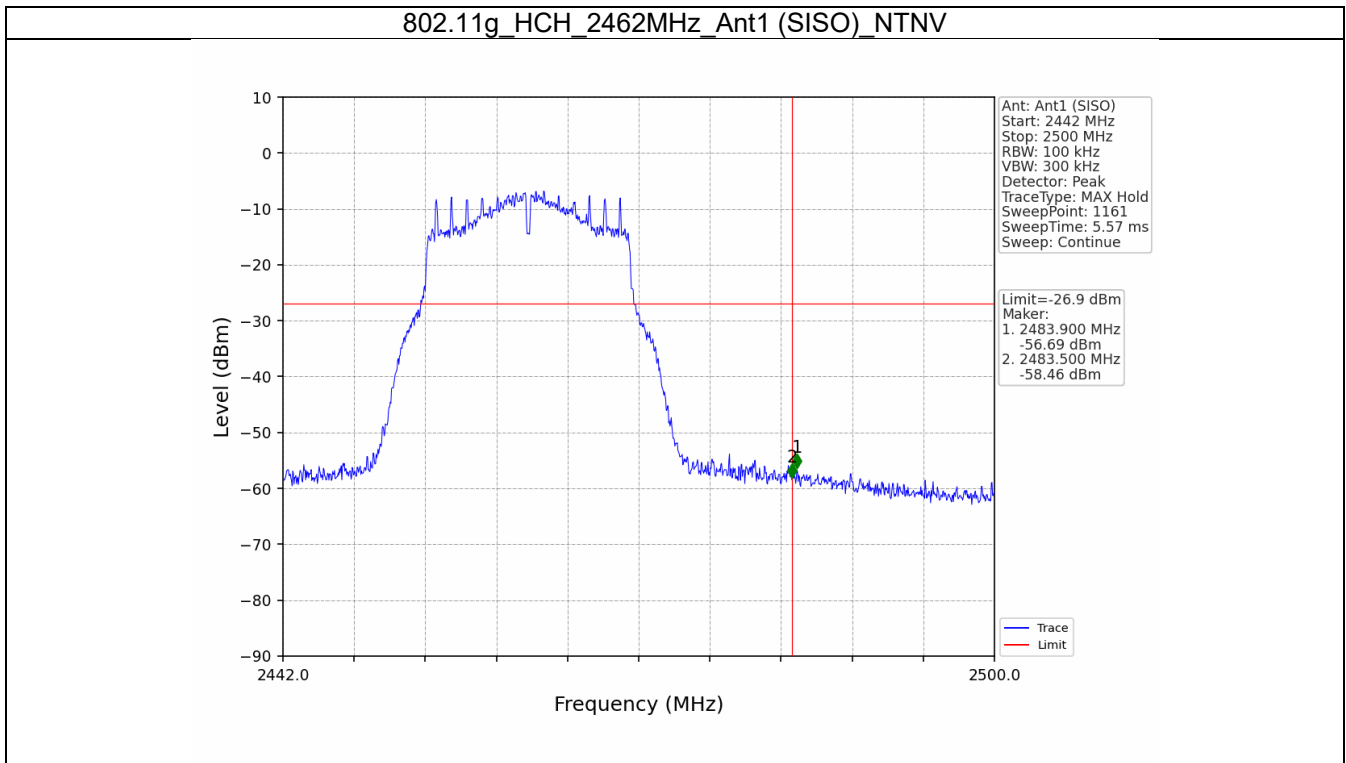
5.2.2 Test Graph

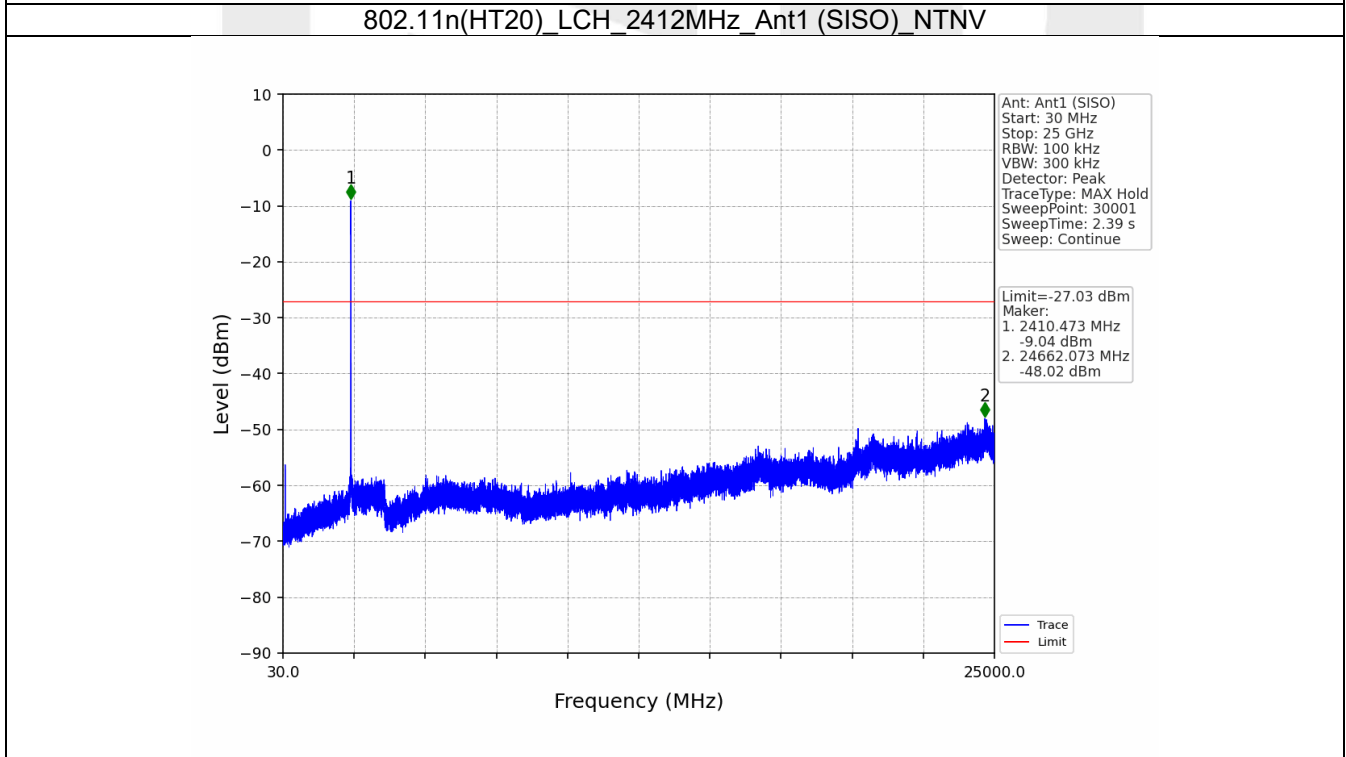
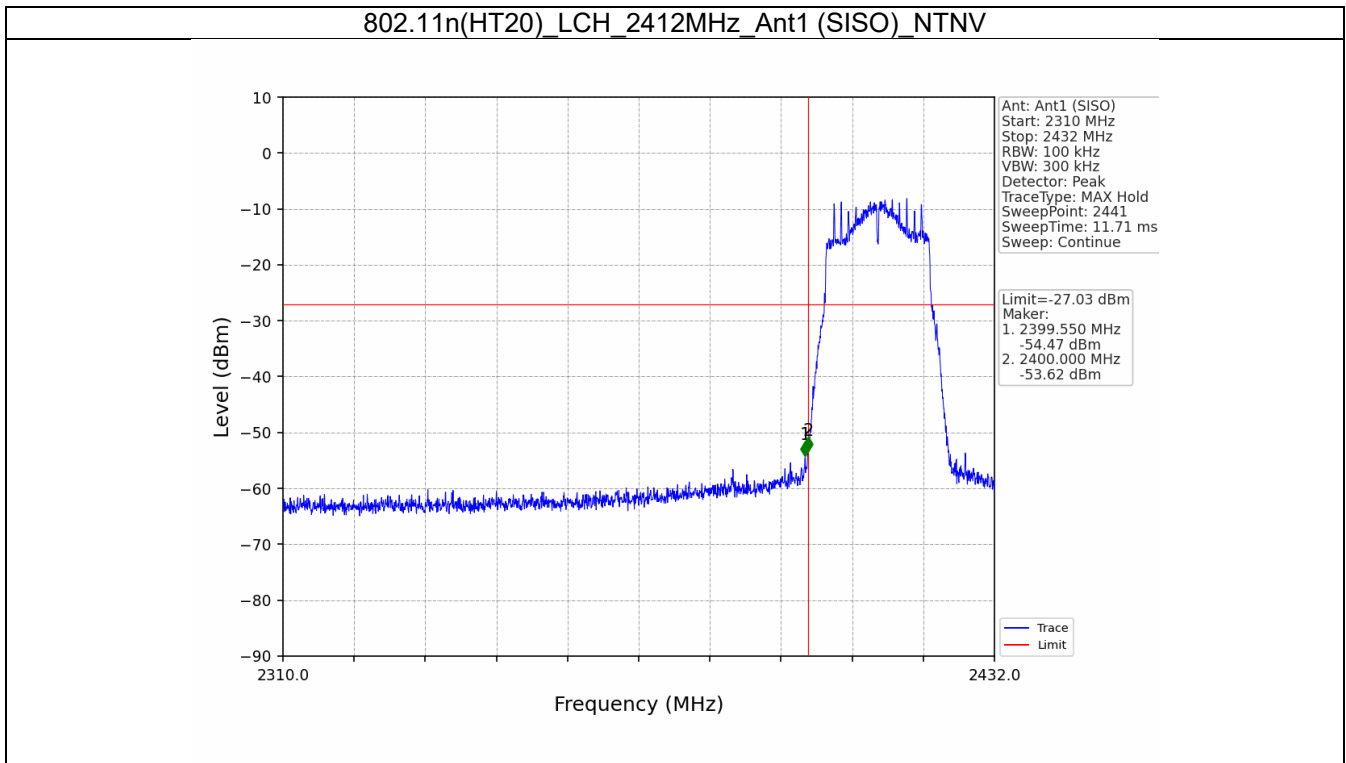


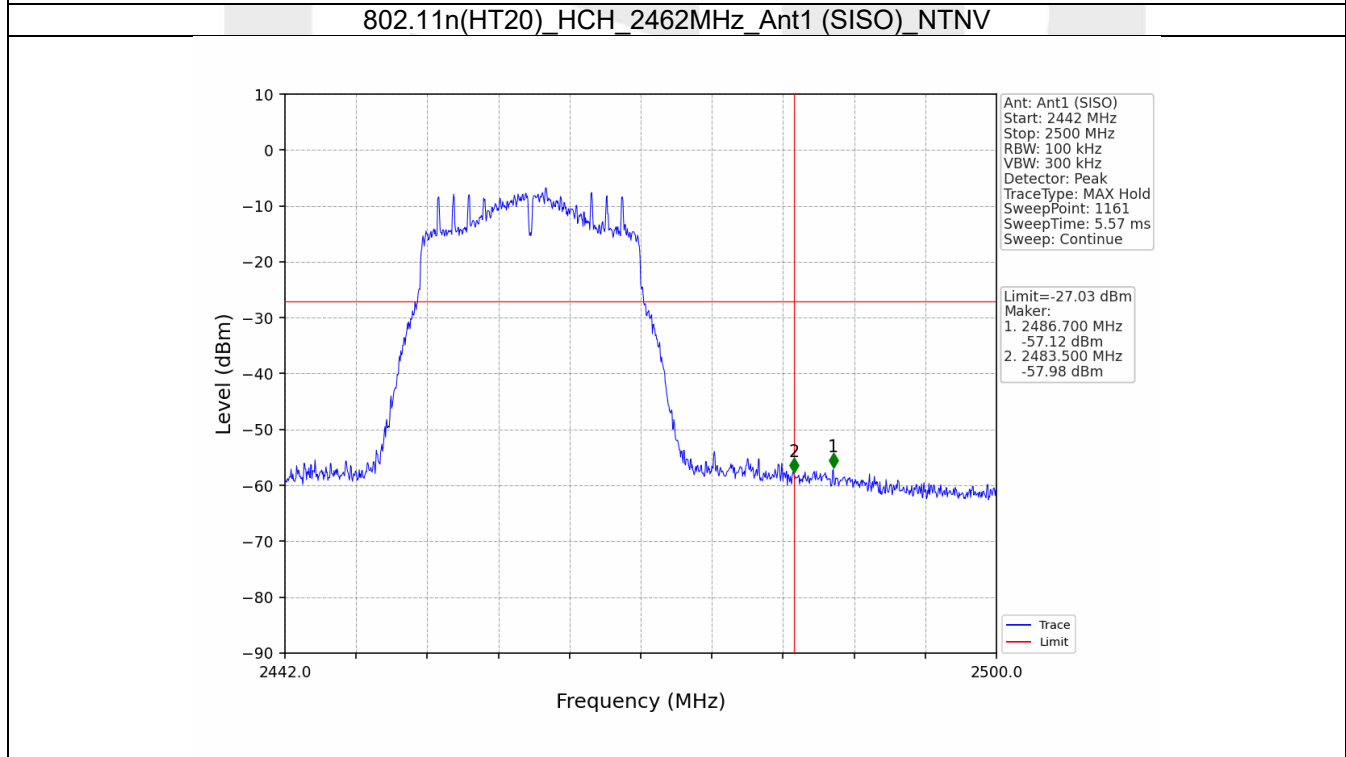
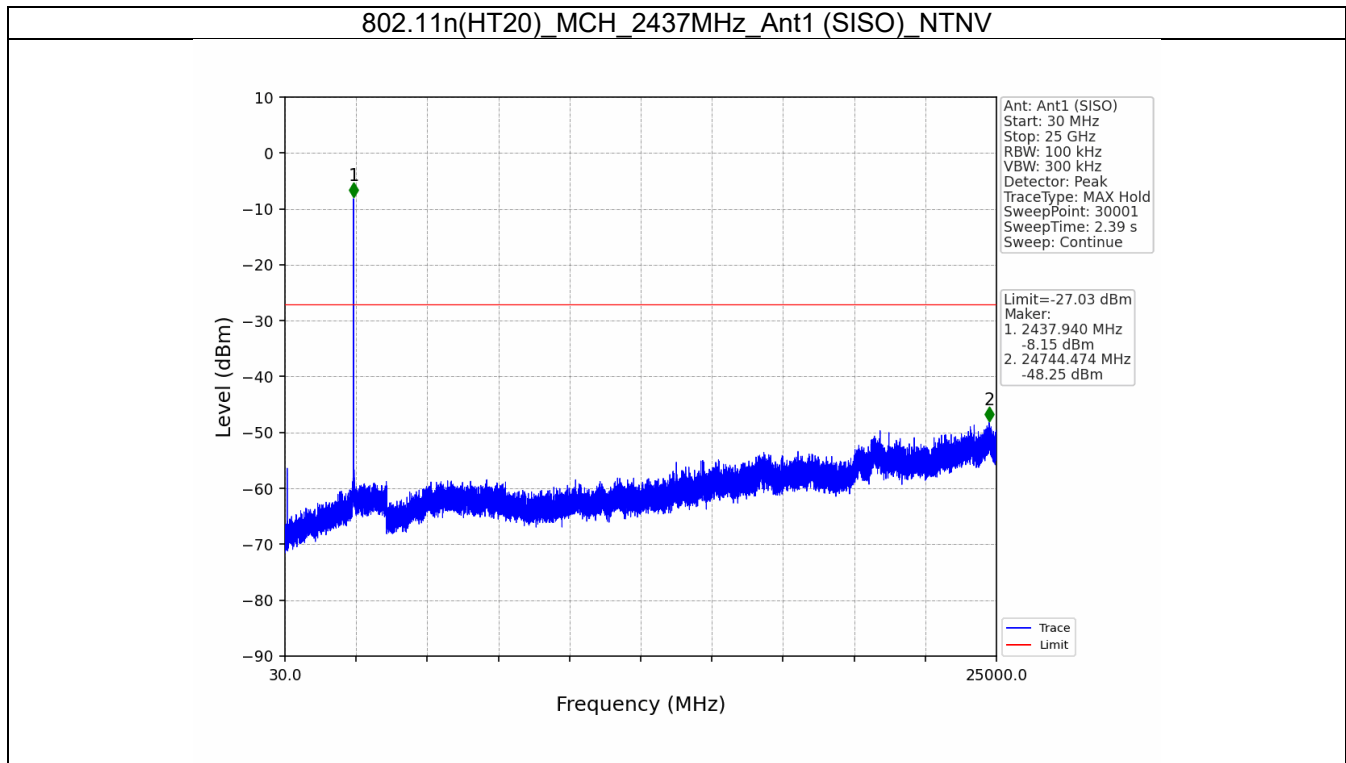


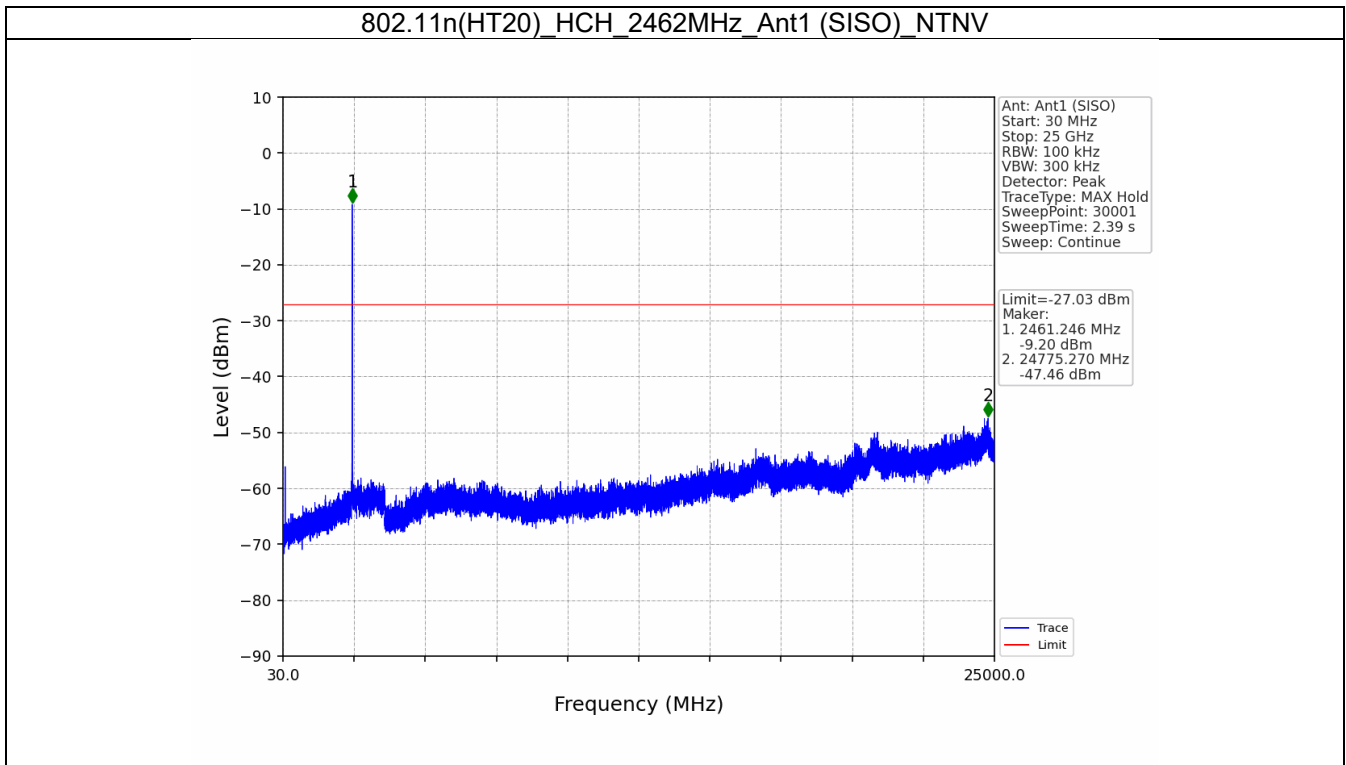












----- End of Report -----