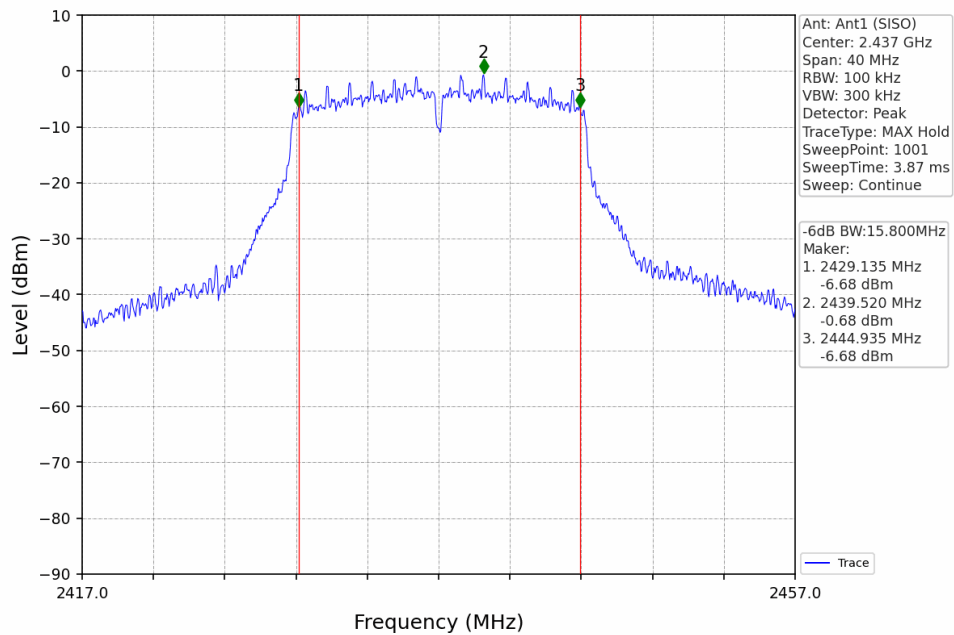
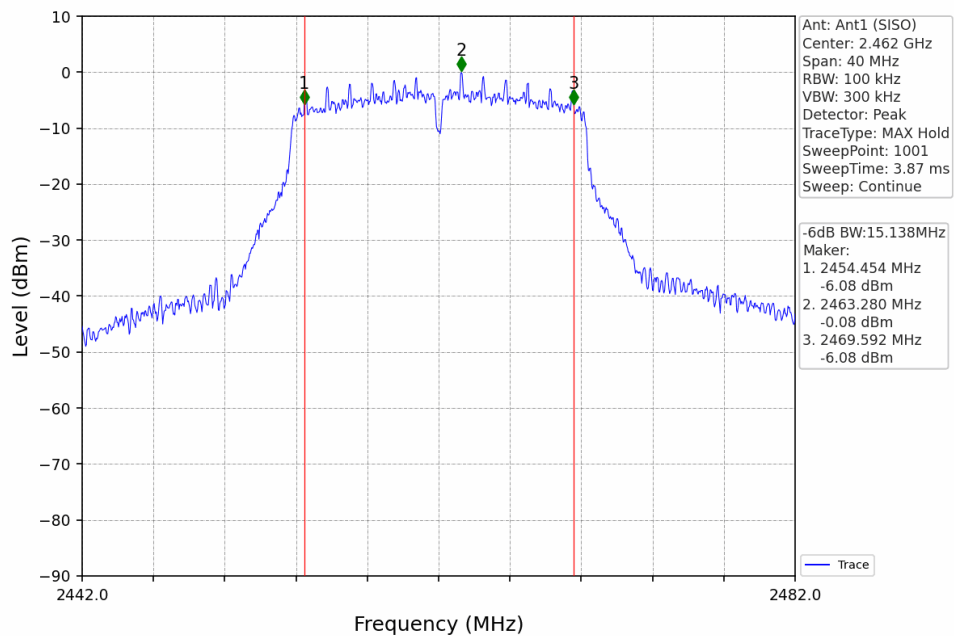


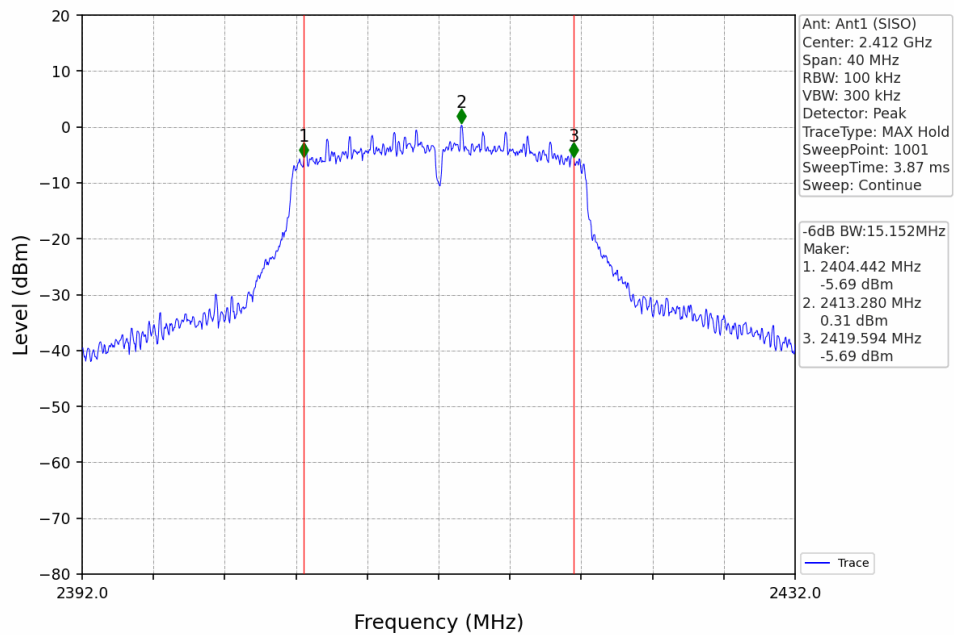
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



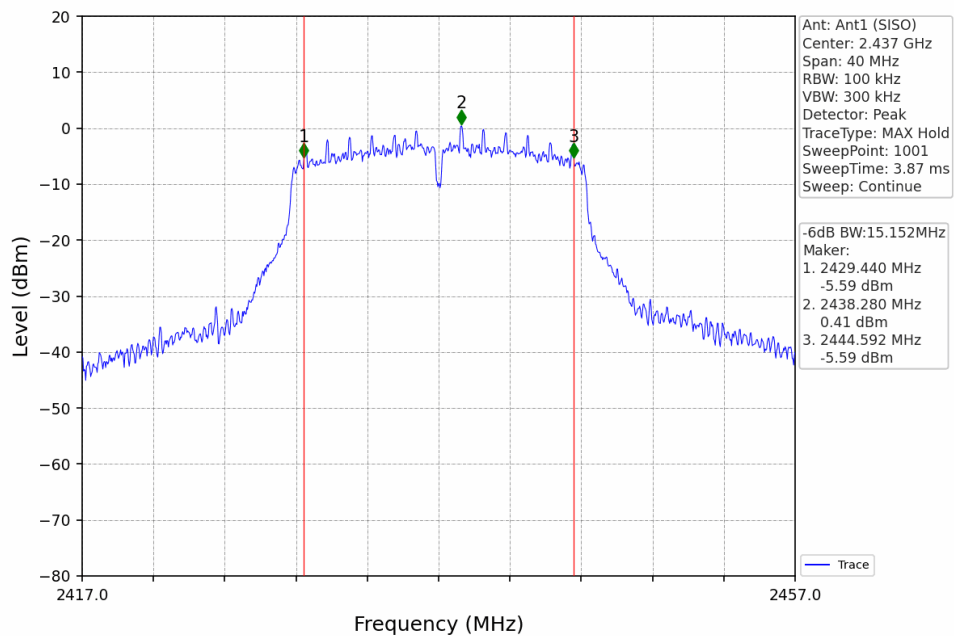
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



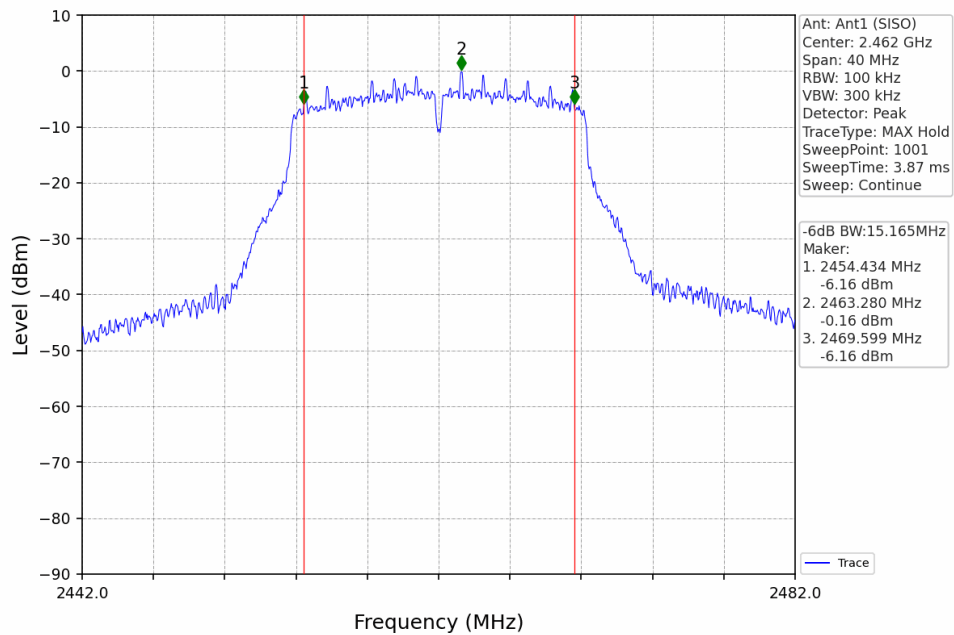
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



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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 | 16.91 | ≤ 30 | Pass |
| | | 2437 | 17.02 | ≤ 30 | Pass |
| | | 2462 | 16.97 | ≤ 30 | Pass |
| 802.11g | SISO | 2412 | 18.25 | ≤ 30 | Pass |
| | | 2437 | 17.98 | ≤ 30 | Pass |
| | | 2462 | 17.69 | ≤ 30 | Pass |
| 802.11n (HT20) | SISO | 2412 | 18.26 | ≤ 30 | Pass |
| | | 2437 | 18.24 | ≤ 30 | Pass |
| | | 2462 | 17.90 | ≤ 30 | Pass |

Note1: Antenna Gain: Ant1: 3.00dBi;

4. Maximum Power Spectral Density

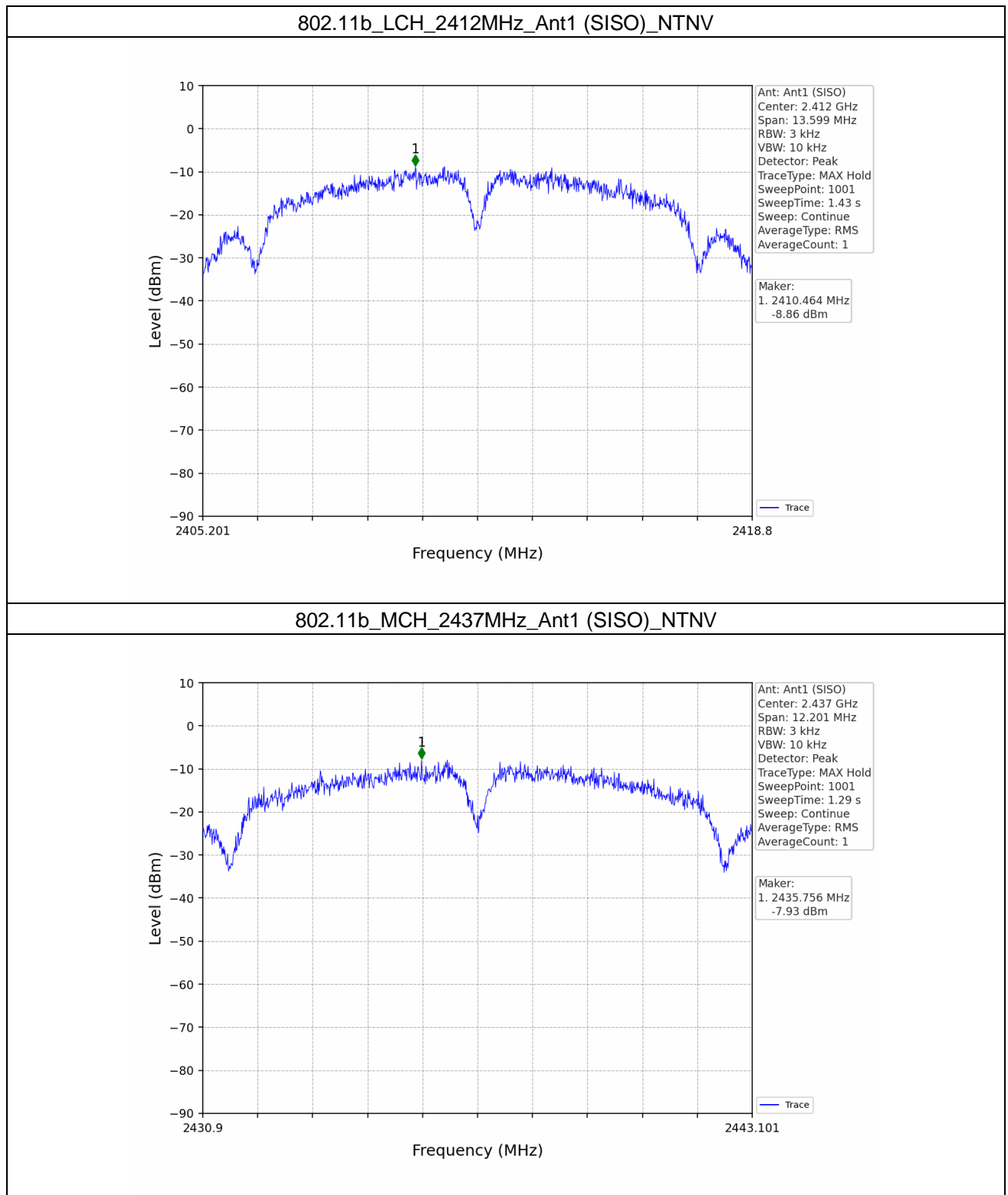
4.1 PSD

4.1.1 Test Result

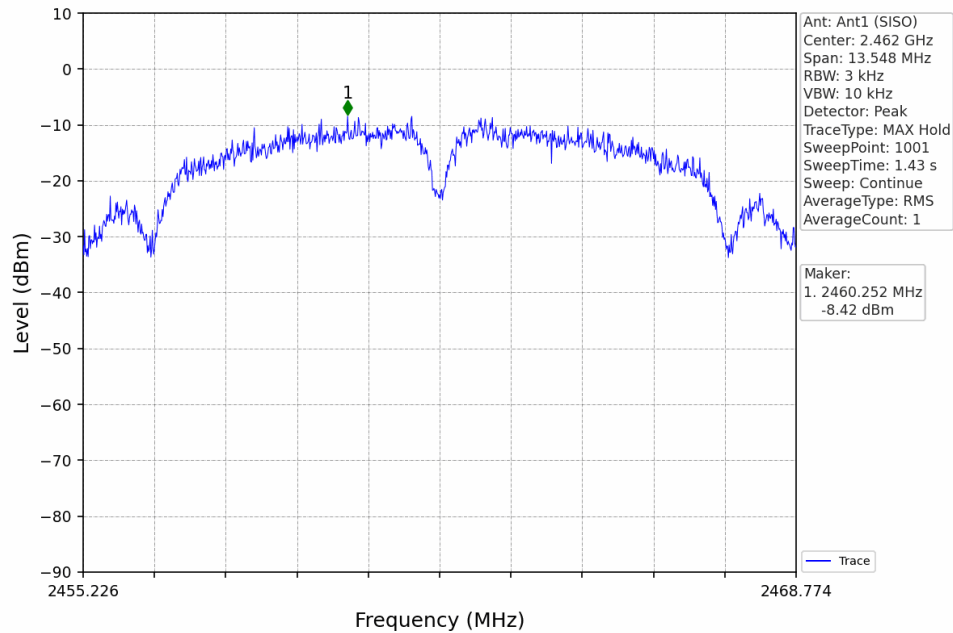
| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) | | Verdict |
|----------------|---------|-----------------|------------------------|-------|---------|
| | | | Ant1 | Limit | |
| 802.11b | SISO | 2412 | -8.86 | <=8 | Pass |
| | | 2437 | -7.93 | <=8 | Pass |
| | | 2462 | -8.42 | <=8 | Pass |
| 802.11g | SISO | 2412 | -14.35 | <=8 | Pass |
| | | 2437 | -14.59 | <=8 | Pass |
| | | 2462 | -15.01 | <=8 | Pass |
| 802.11n (HT20) | SISO | 2412 | -14.16 | <=8 | Pass |
| | | 2437 | -14.36 | <=8 | Pass |
| | | 2462 | -14.66 | <=8 | Pass |

Note1: Antenna Gain: Ant1: 3.00dBi;

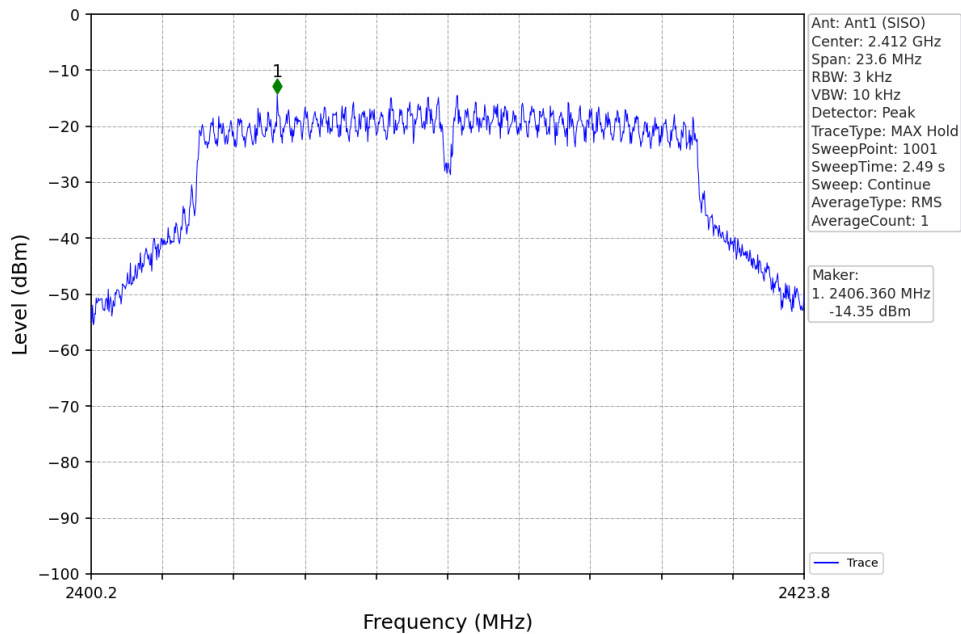
4.1.2 Test Graph

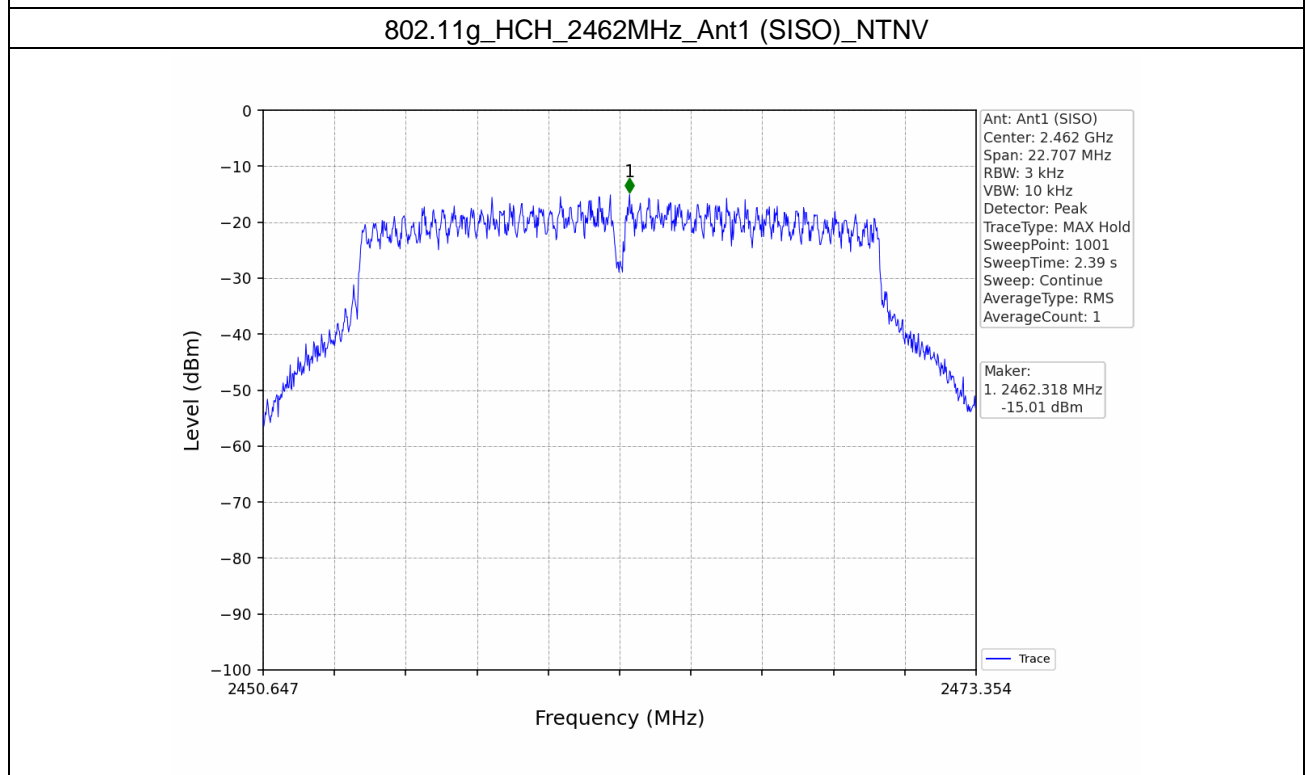
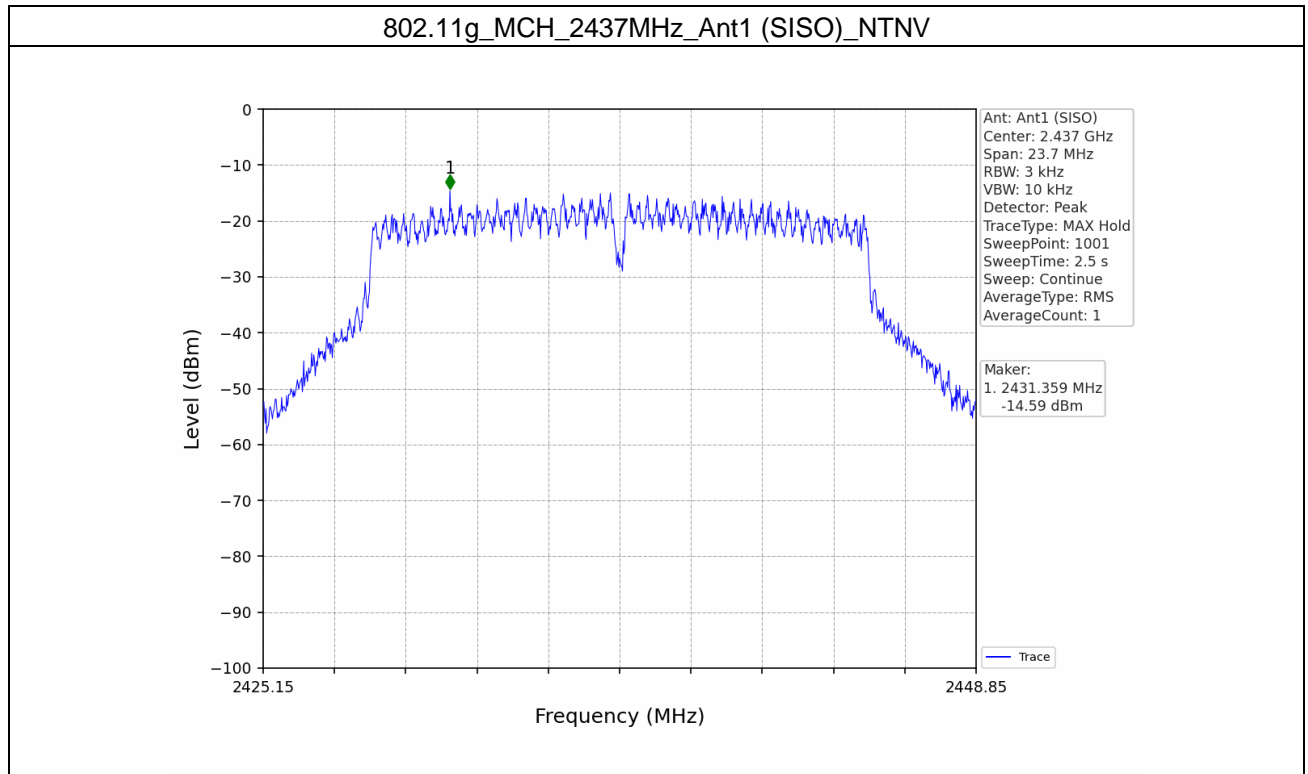


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



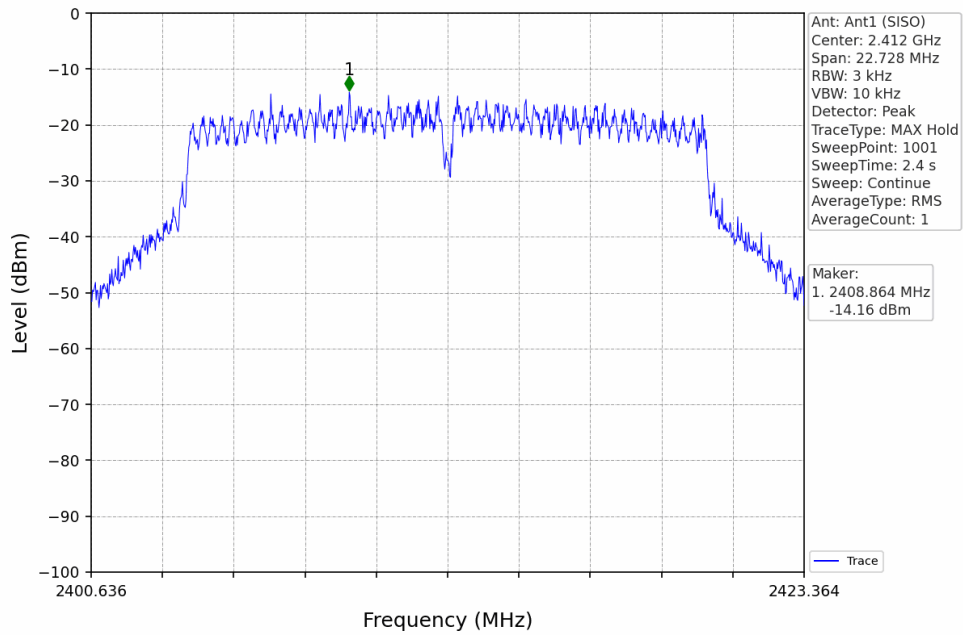


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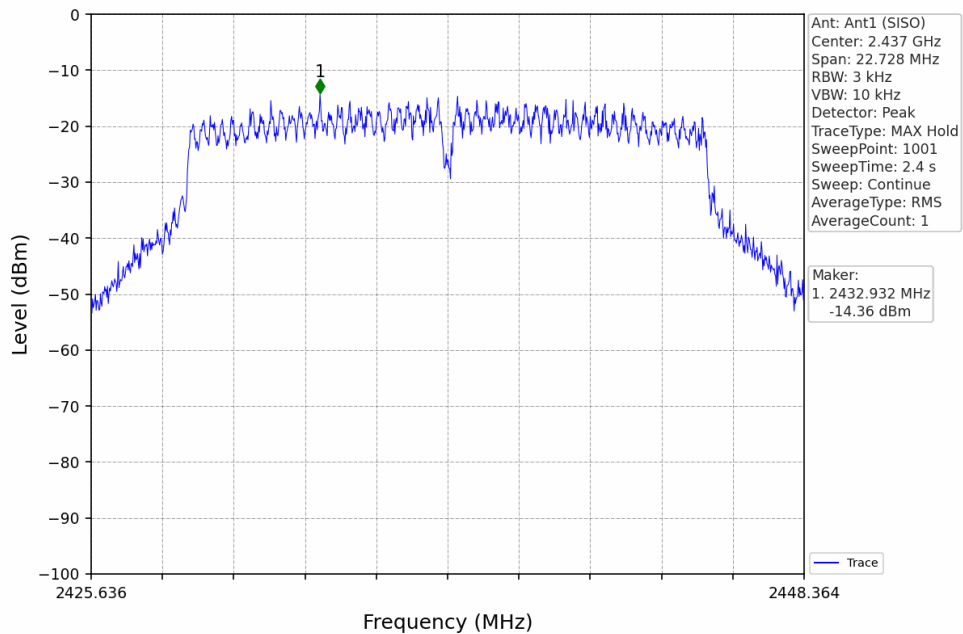
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Guangzhou Branch, SGS China EEC Laboratory. 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

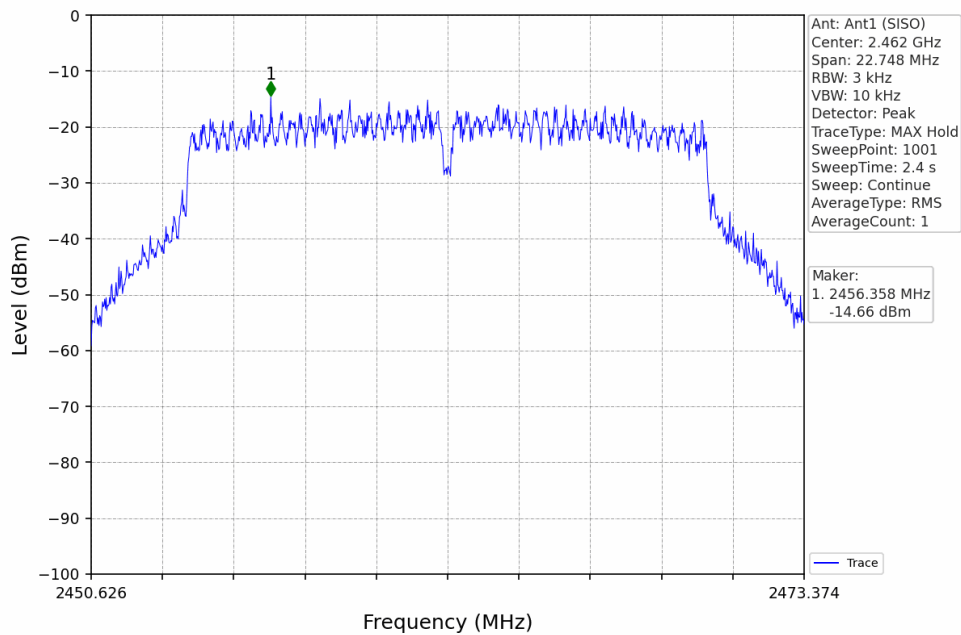
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



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5. Unwanted Emissions In Non-restricted Frequency Bands

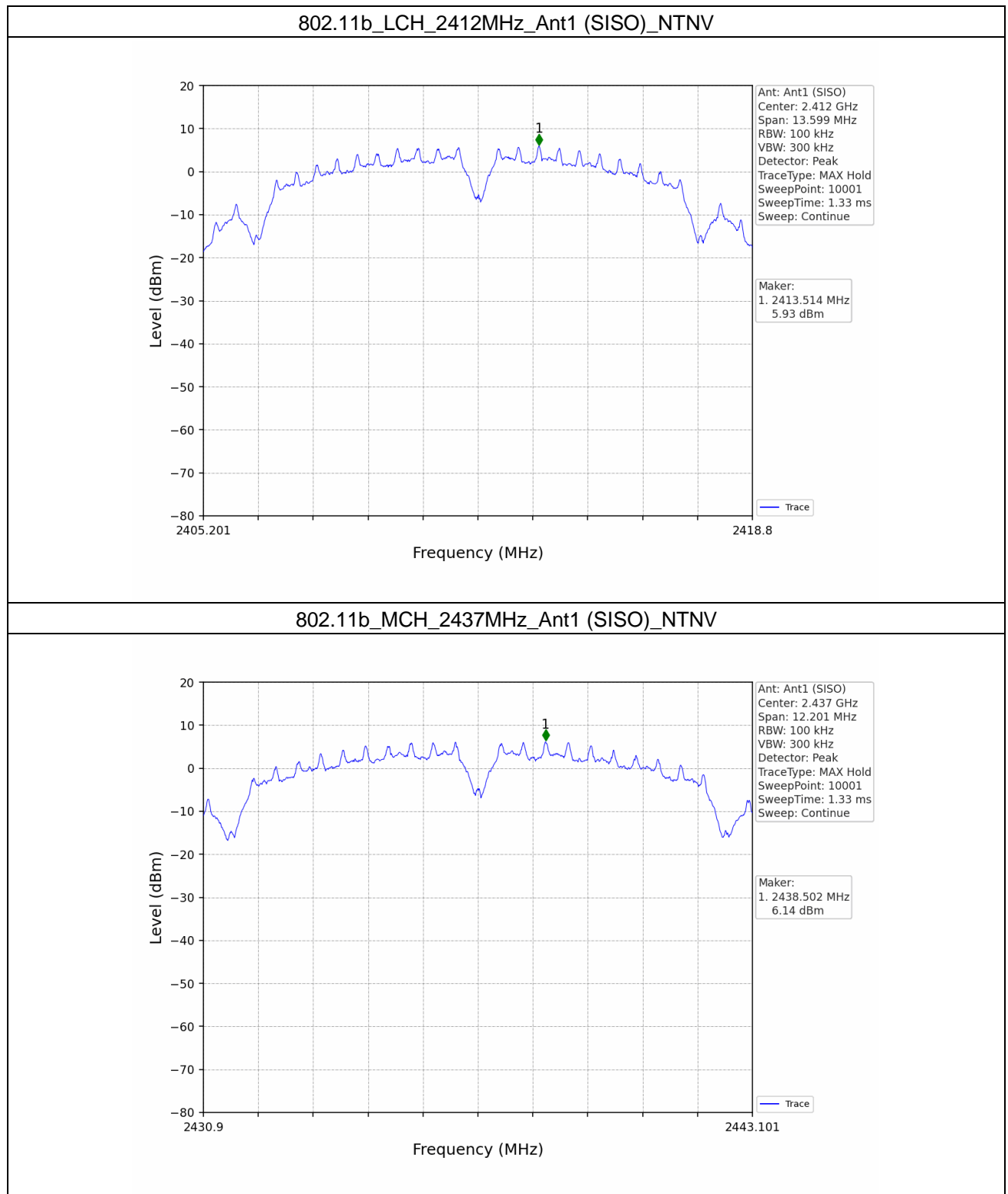
5.1 Ref

5.1.1 Test Result

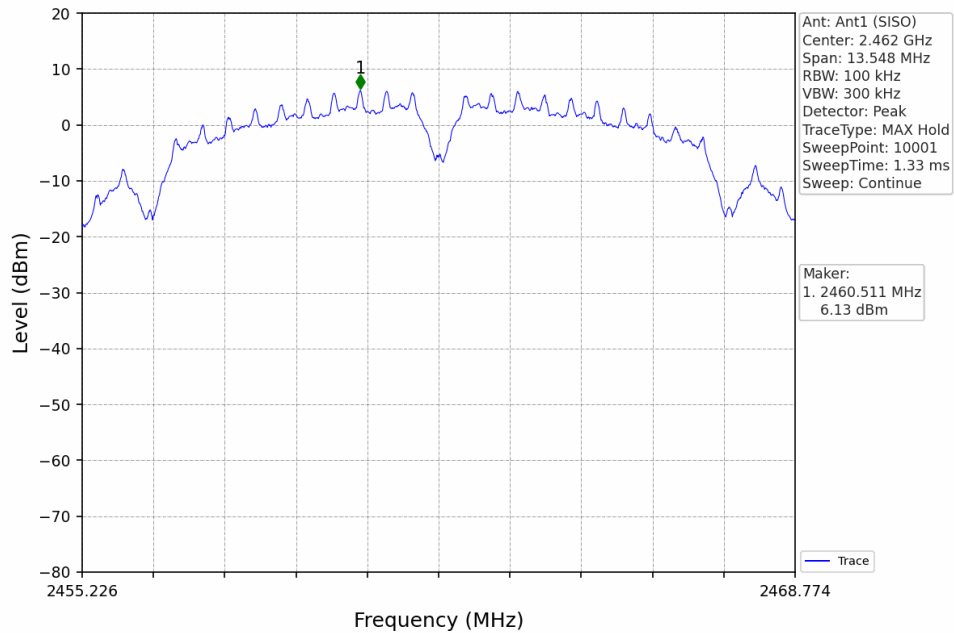
| Mode | TX Type | Frequency (MHz) | Ant | Level of Reference (dBm) |
|----------------|---------|-----------------|-----|--------------------------|
| 802.11b | SISO | 2412 | 1 | 5.93 |
| | | 2437 | 1 | 6.14 |
| | | 2462 | 1 | 6.13 |
| 802.11g | SISO | 2412 | 1 | -0.06 |
| | | 2437 | 1 | 0.07 |
| | | 2462 | 1 | -0.19 |
| 802.11n (HT20) | SISO | 2412 | 1 | 0.15 |
| | | 2437 | 1 | 0.02 |
| | | 2462 | 1 | -0.16 |

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

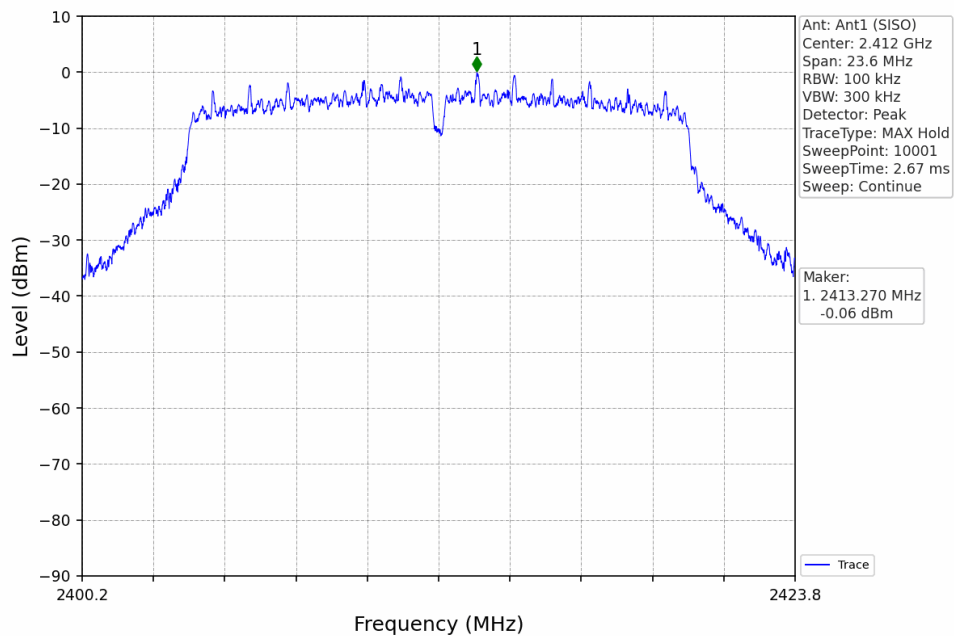
5.1.2 Test Graph



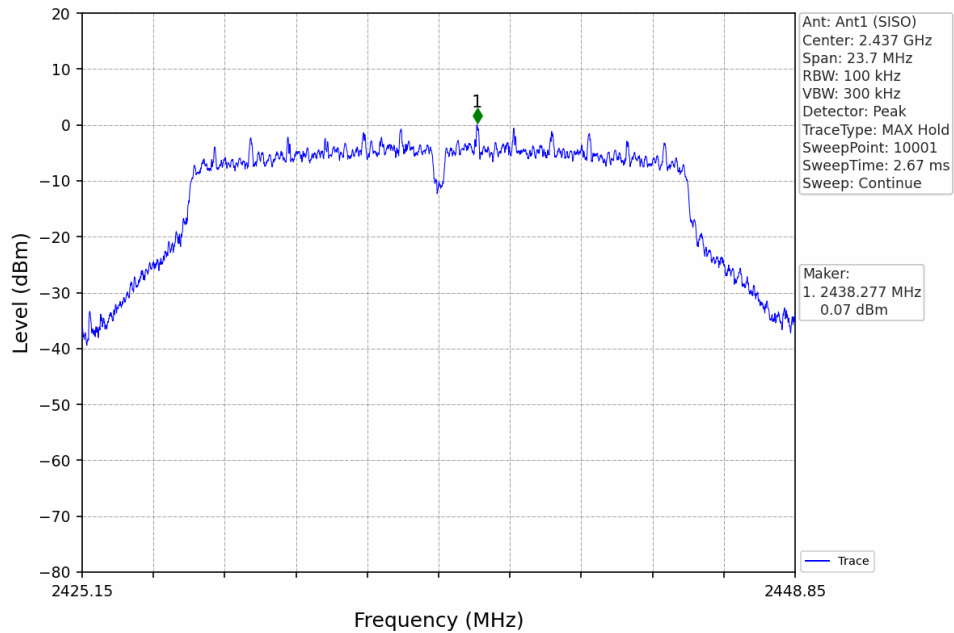
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



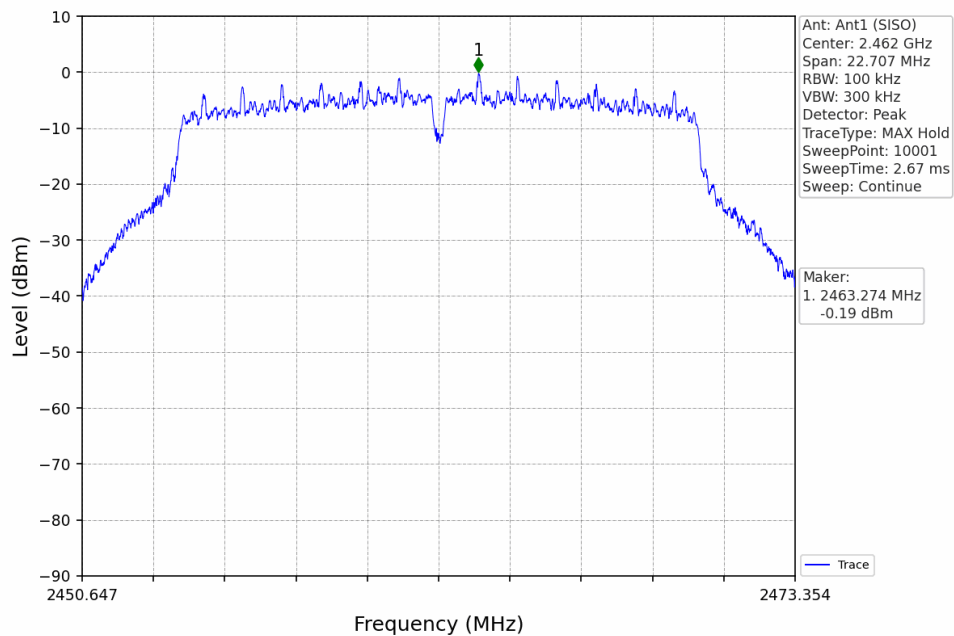
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



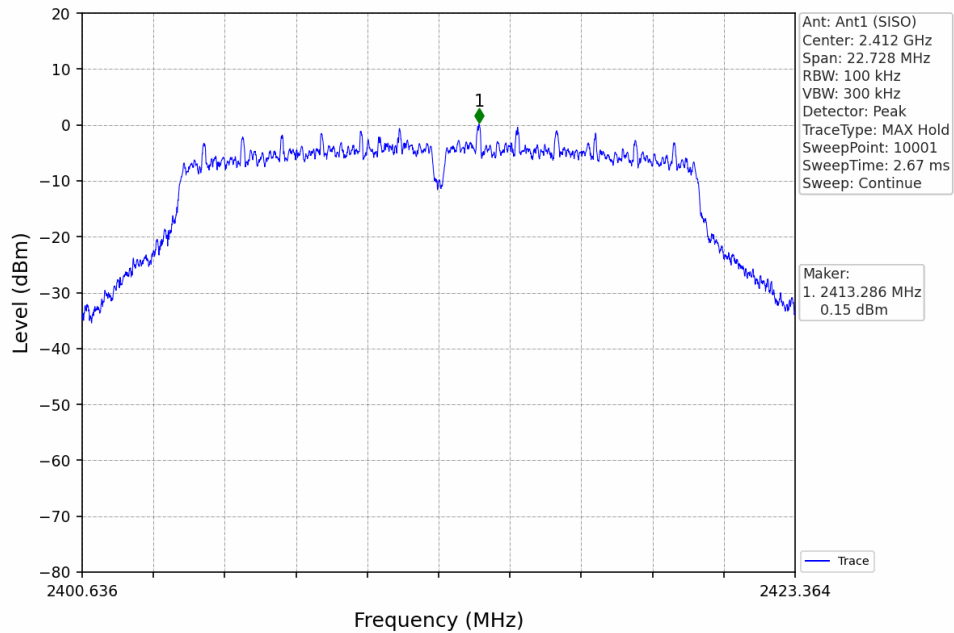
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



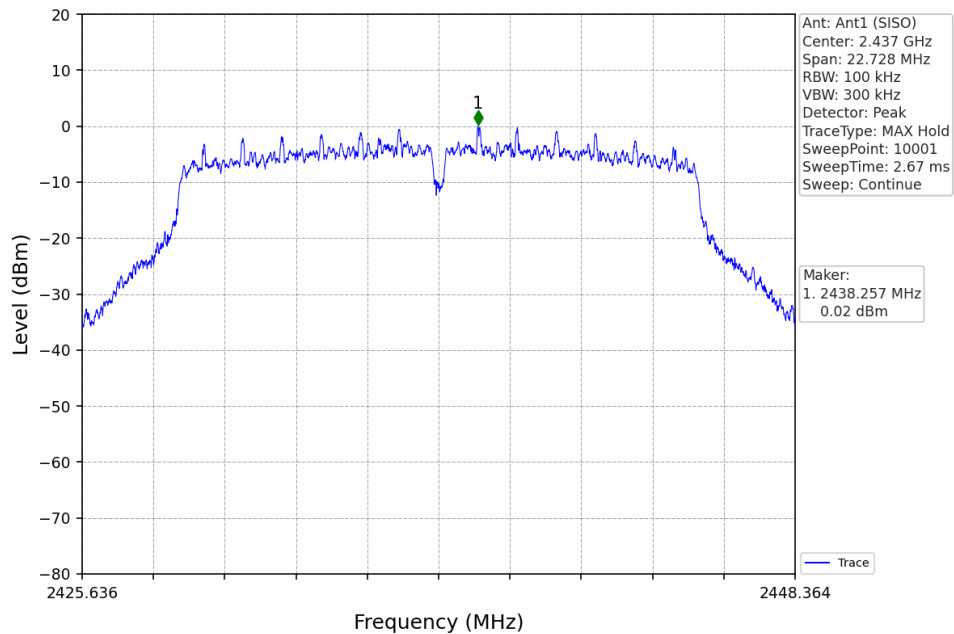
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

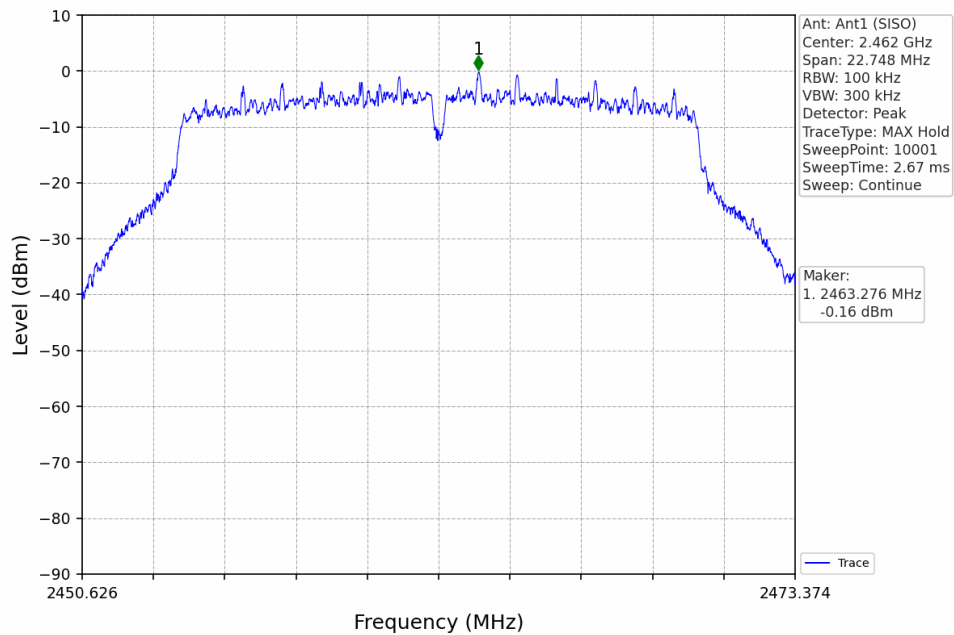


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



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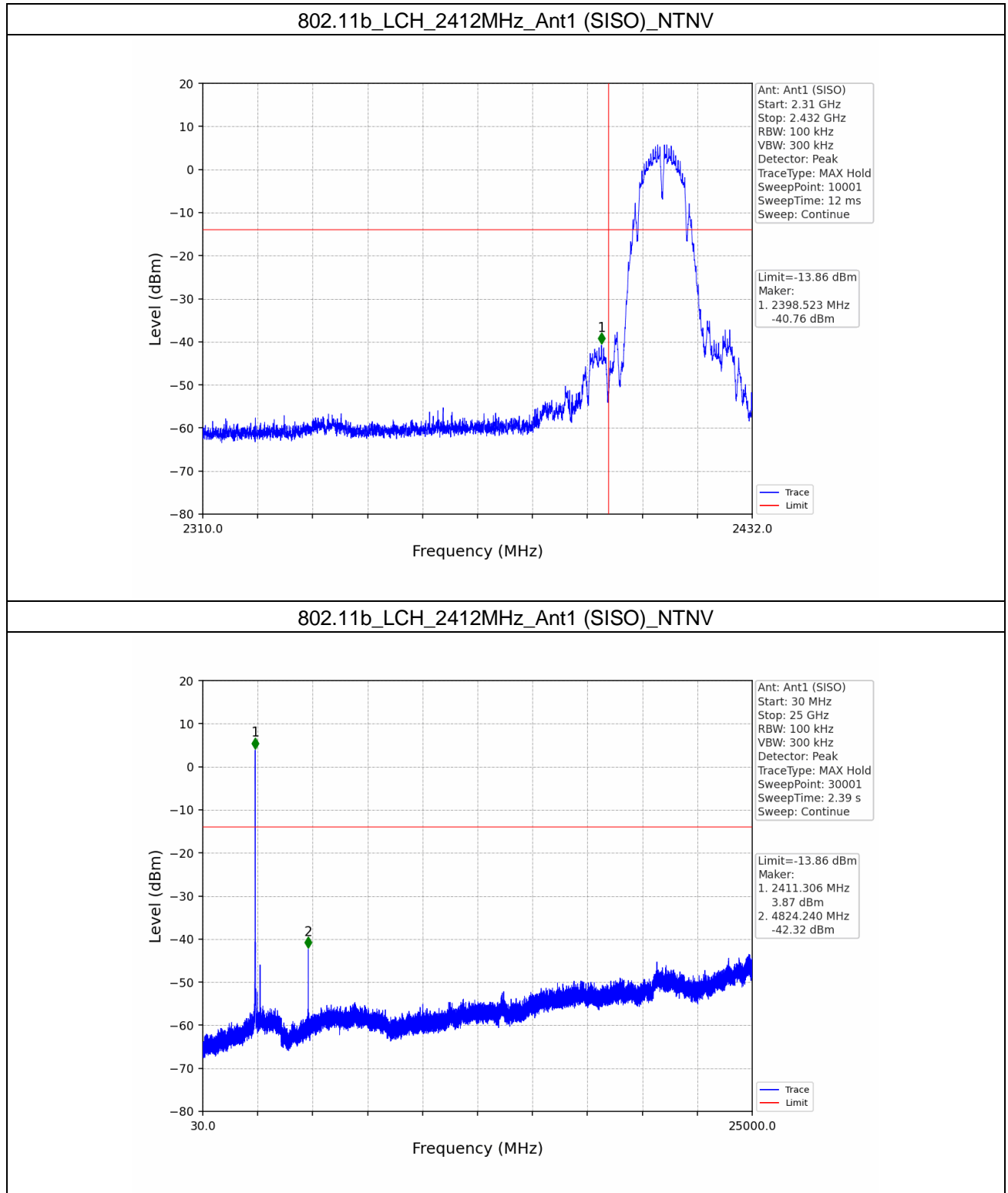
5.2 CSE

5.2.1 Test Result

| Mode | TX Type | Frequency (MHz) | Ant | Level of Reference (dBm) | Limit (dBm) | Verdict |
|----------------|---------|-----------------|-----|--------------------------|-------------|---------|
| 802.11b | SISO | 2412 | 1 | 6.14 | -13.86 | Pass |
| | | 2437 | 1 | 6.14 | -13.86 | Pass |
| | | 2462 | 1 | 6.14 | -13.86 | Pass |
| 802.11g | SISO | 2412 | 1 | 0.07 | -19.93 | Pass |
| | | 2437 | 1 | 0.07 | -19.93 | Pass |
| | | 2462 | 1 | 0.07 | -19.93 | Pass |
| 802.11n (HT20) | SISO | 2412 | 1 | 0.15 | -19.85 | Pass |
| | | 2437 | 1 | 0.15 | -19.85 | Pass |
| | | 2462 | 1 | 0.15 | -19.85 | Pass |

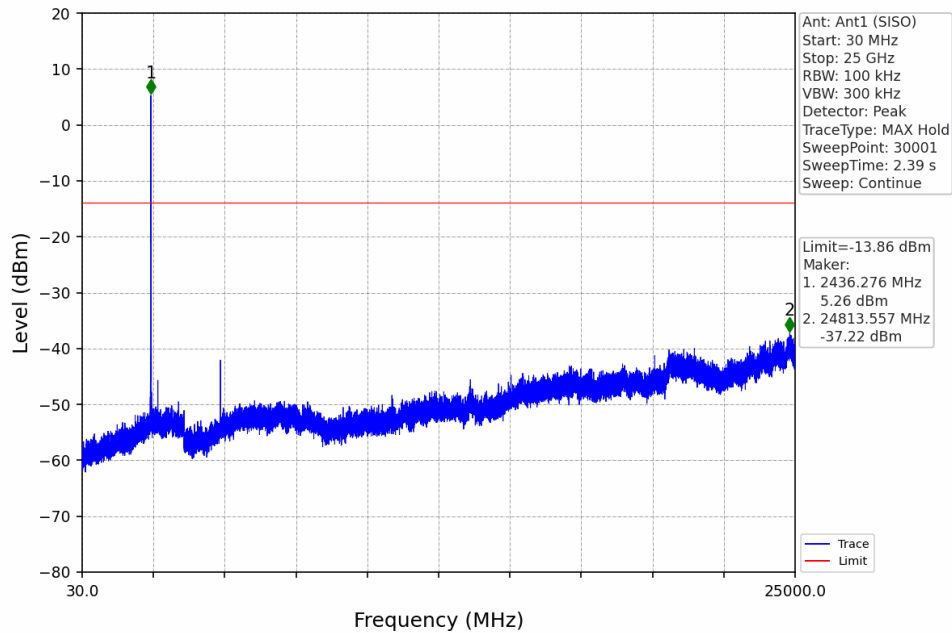
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

5.2.2 Test Graph

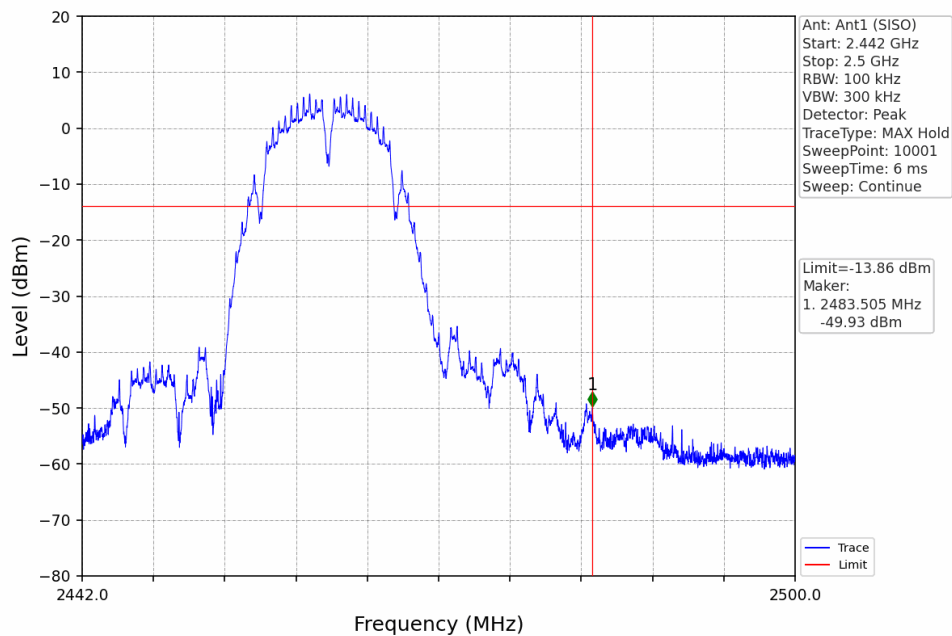


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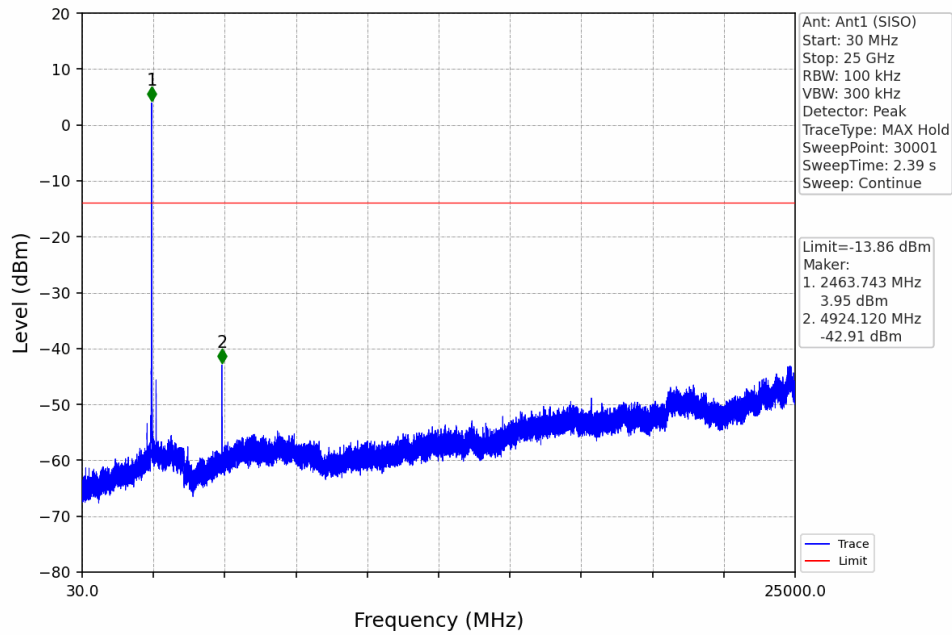
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



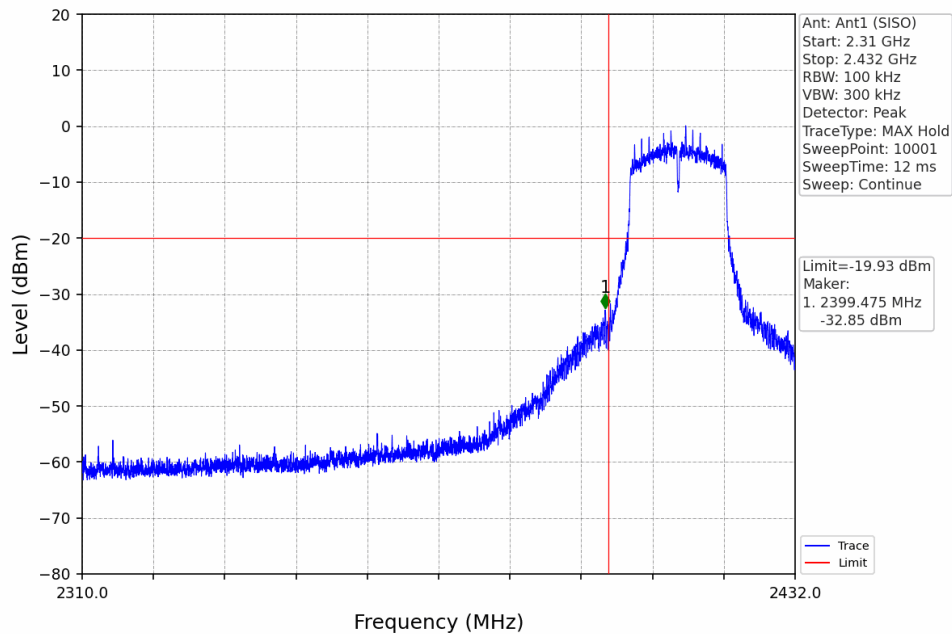
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



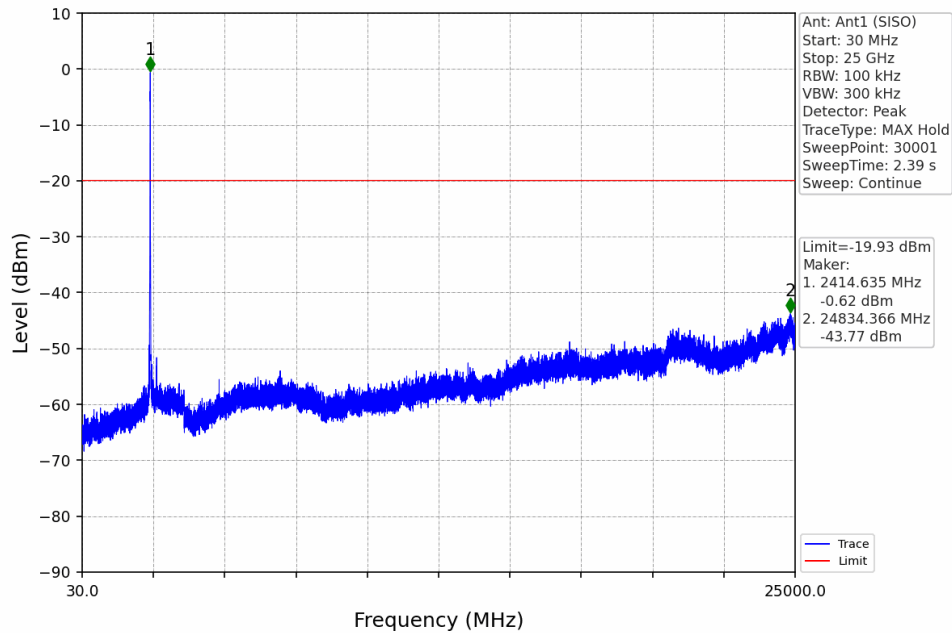
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



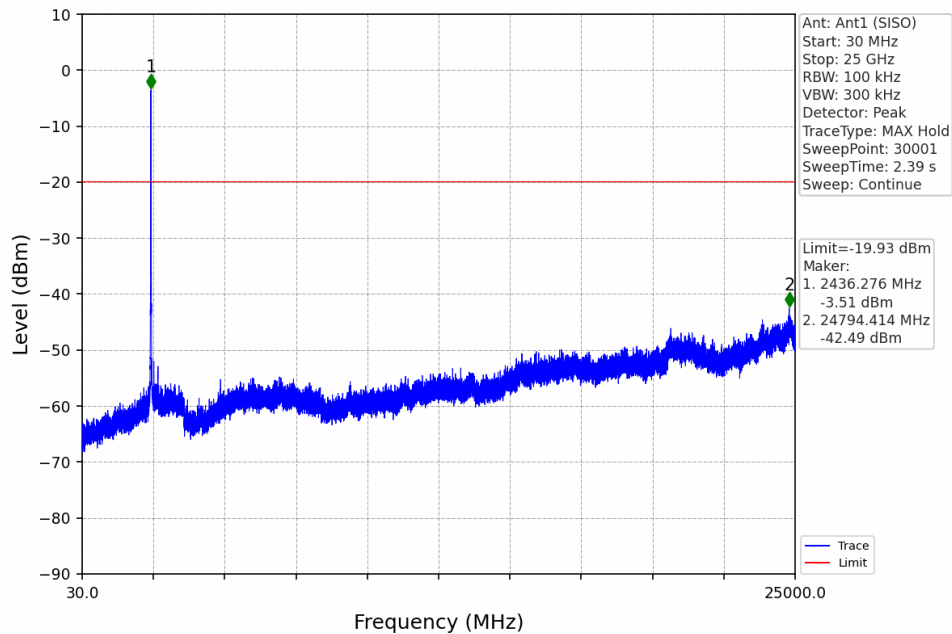
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



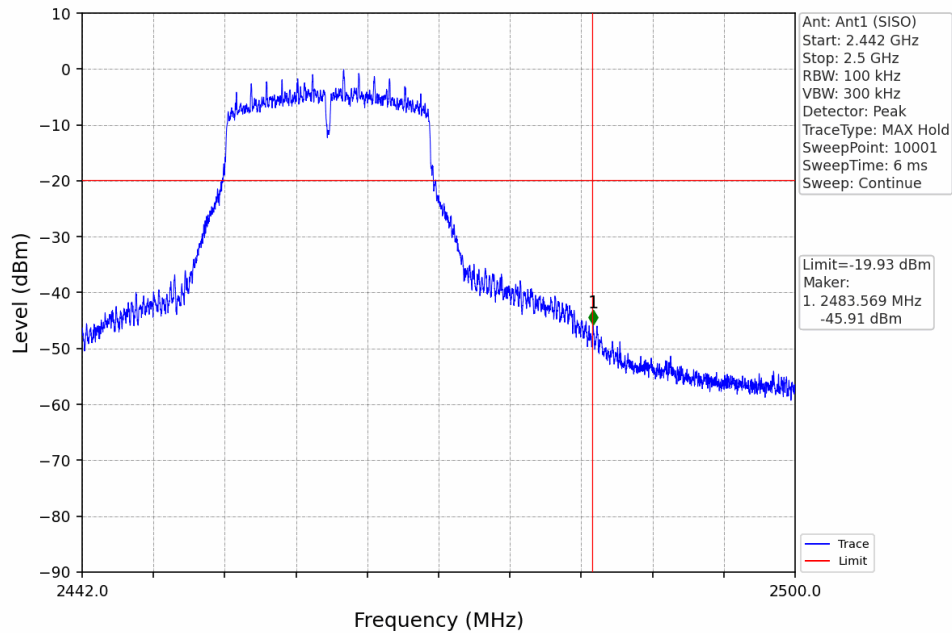
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



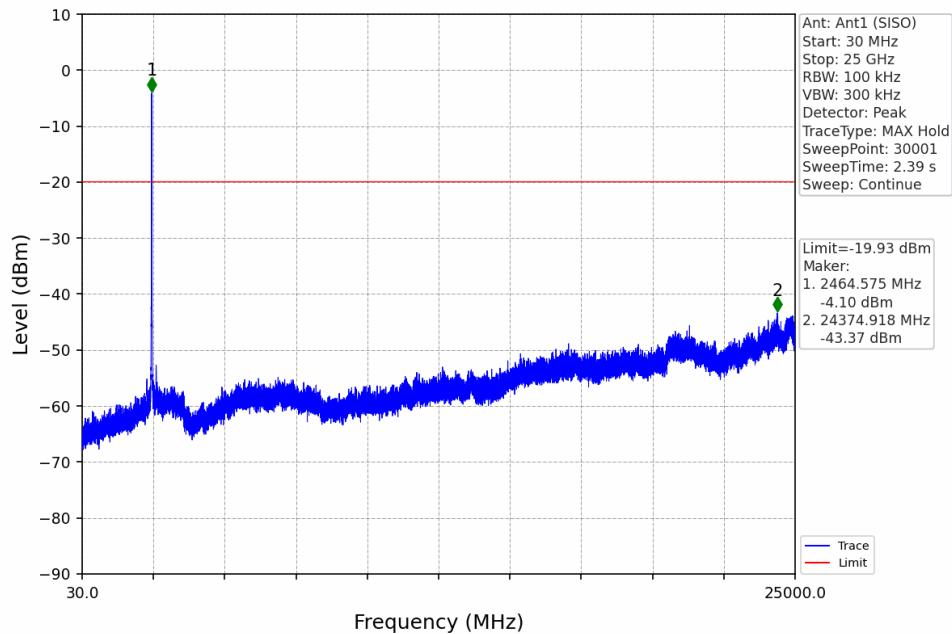
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



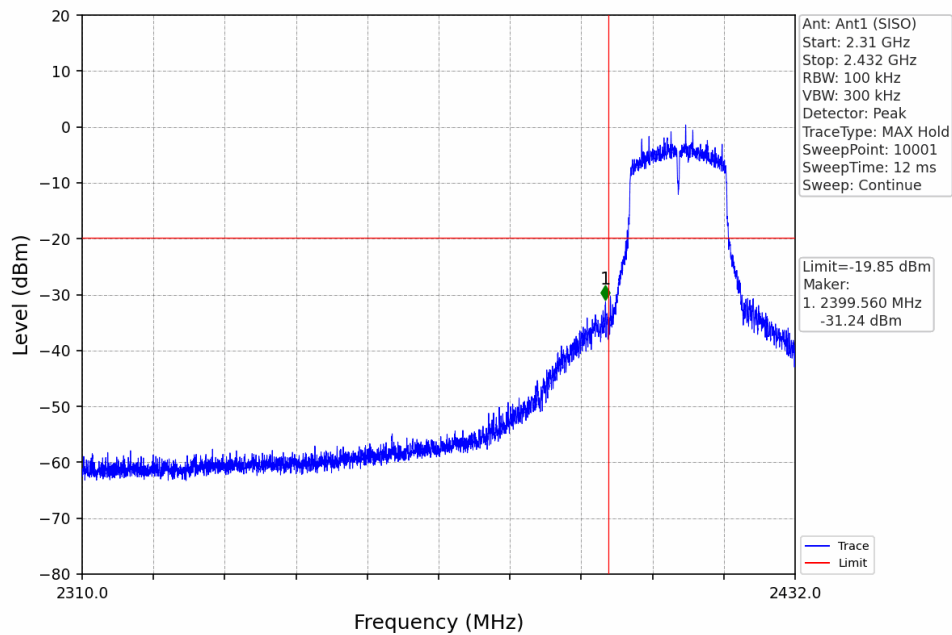
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



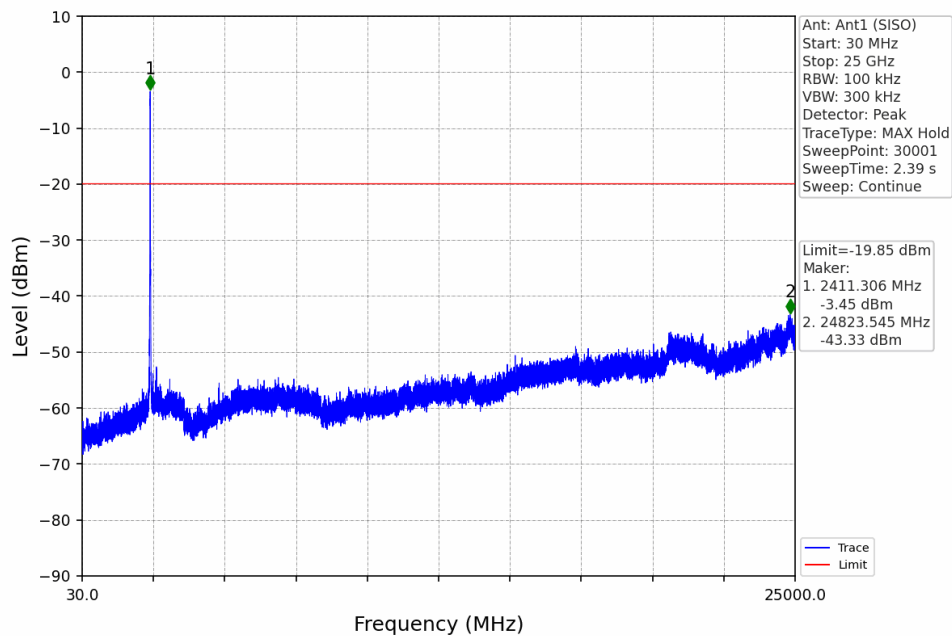
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



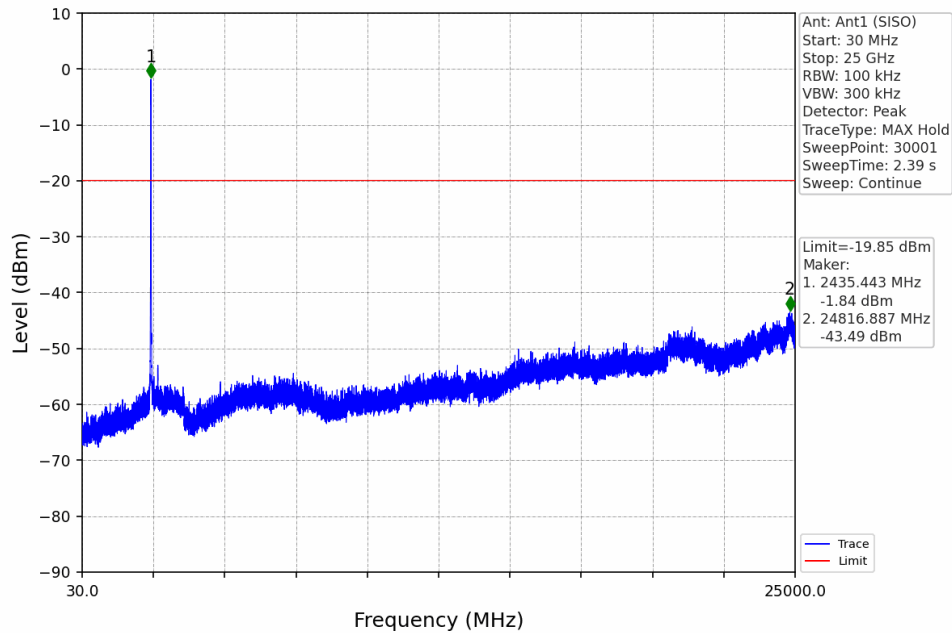
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



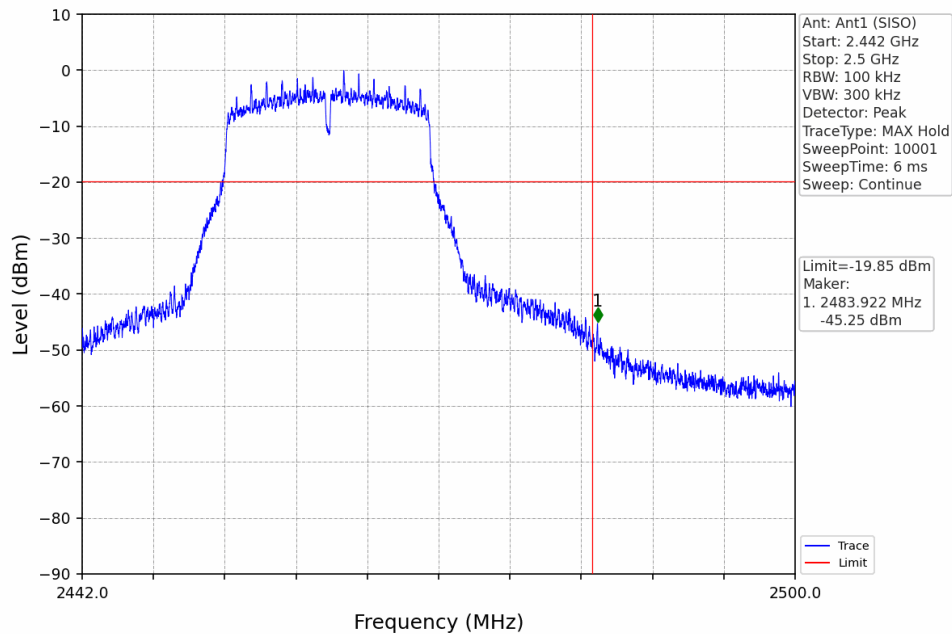
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

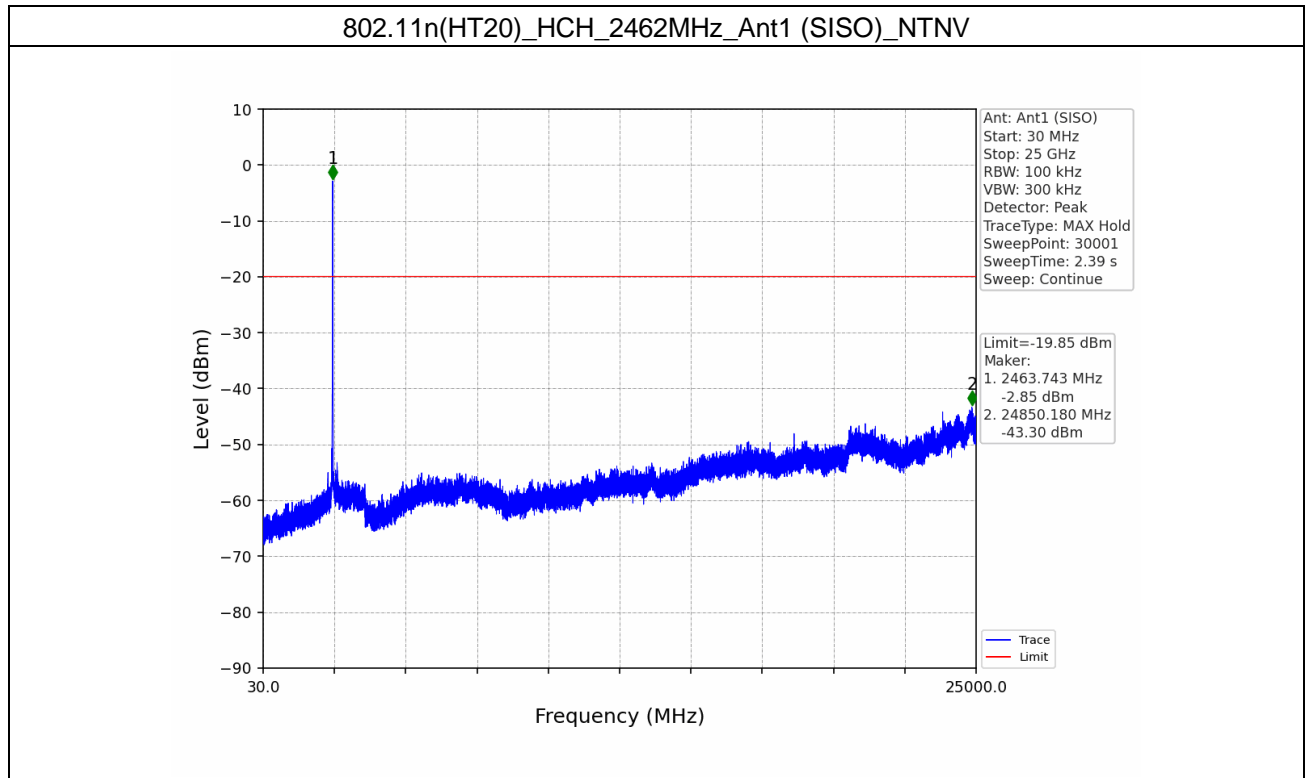


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV





- End of the Report -