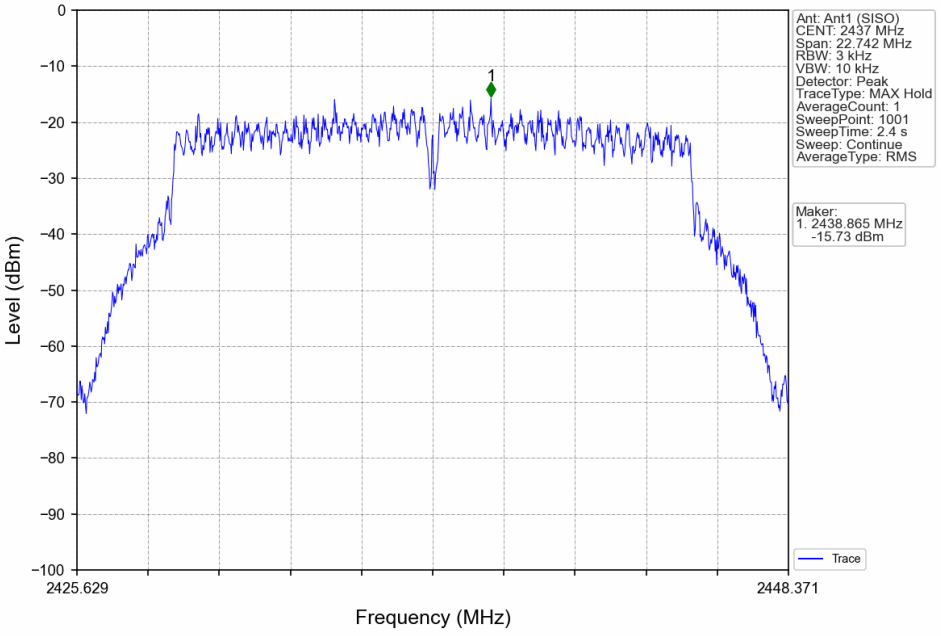
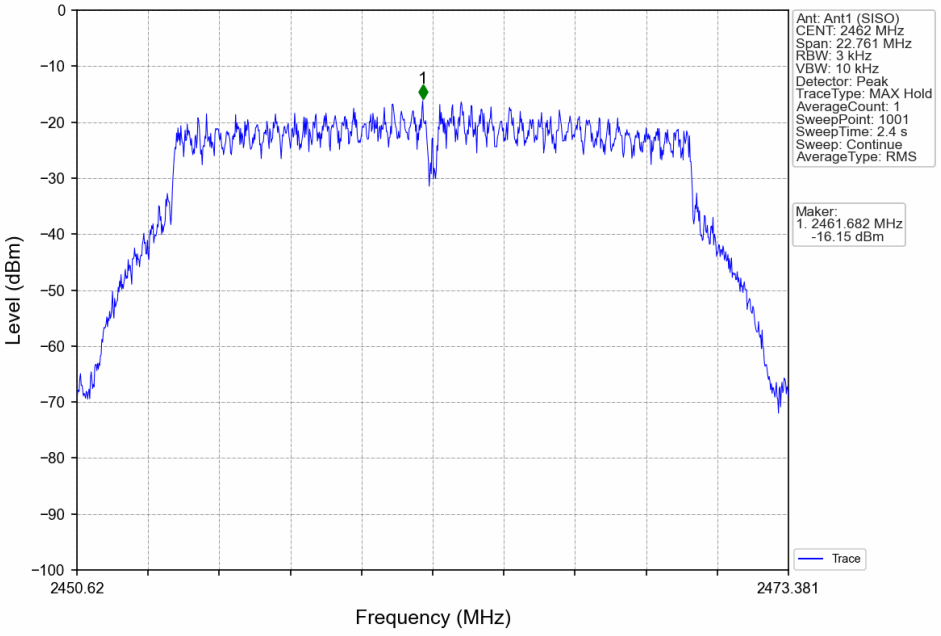
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV




802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

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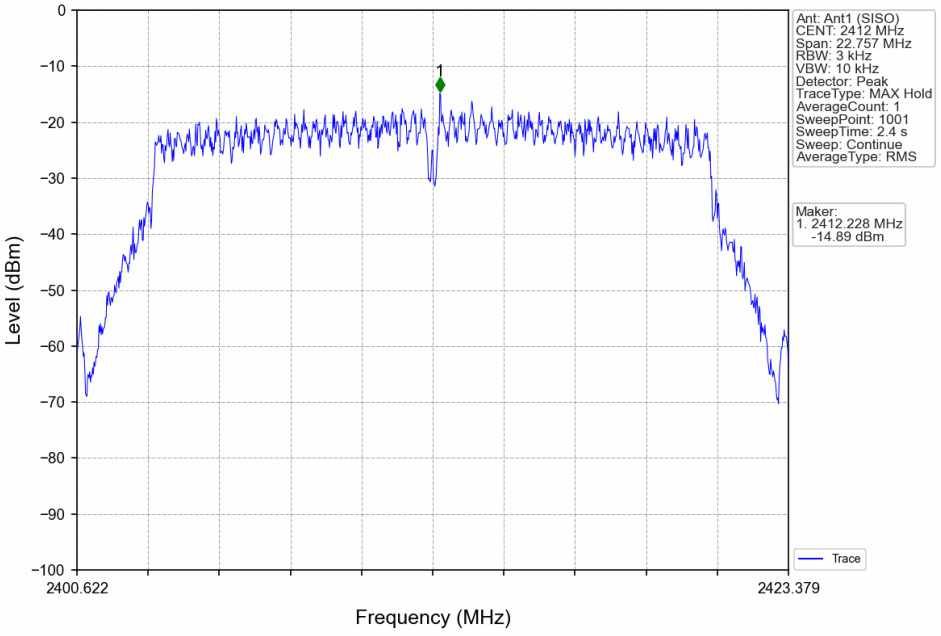
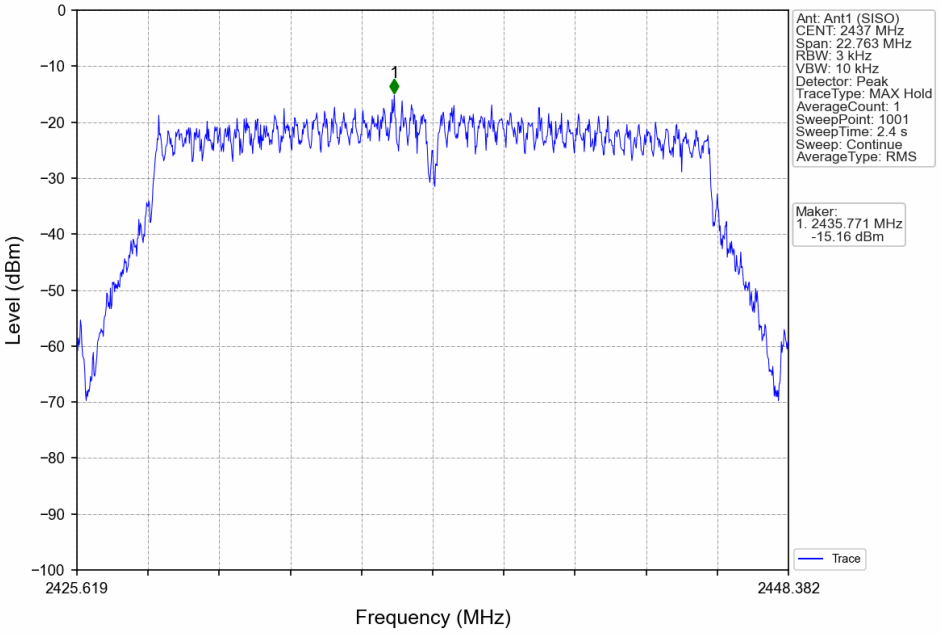
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV




802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

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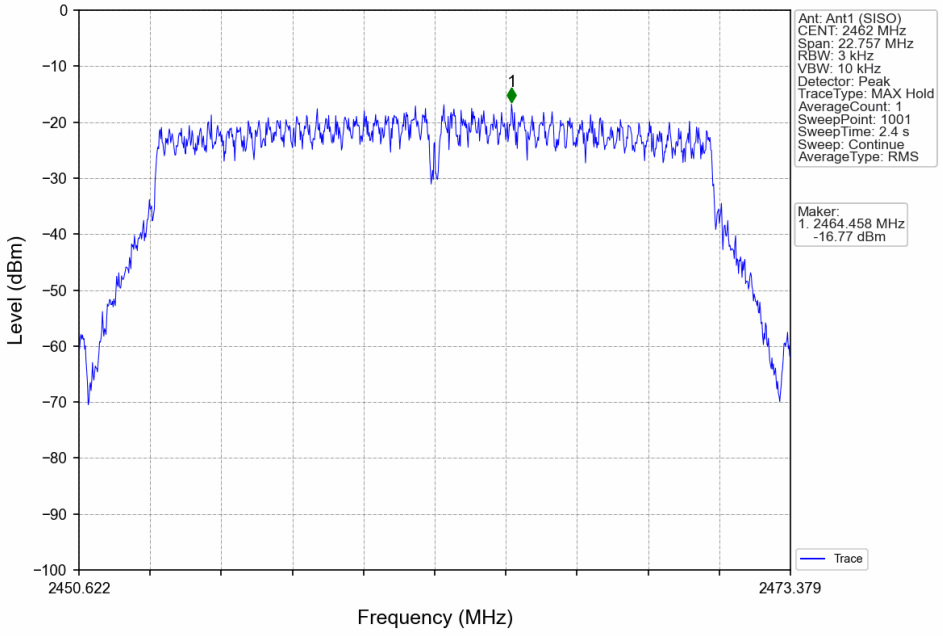
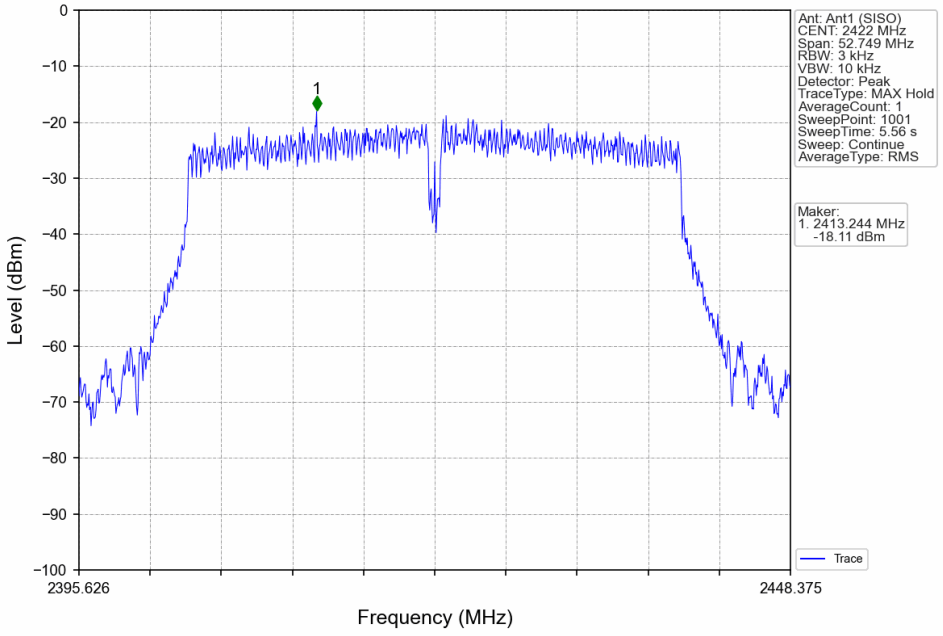
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV




802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

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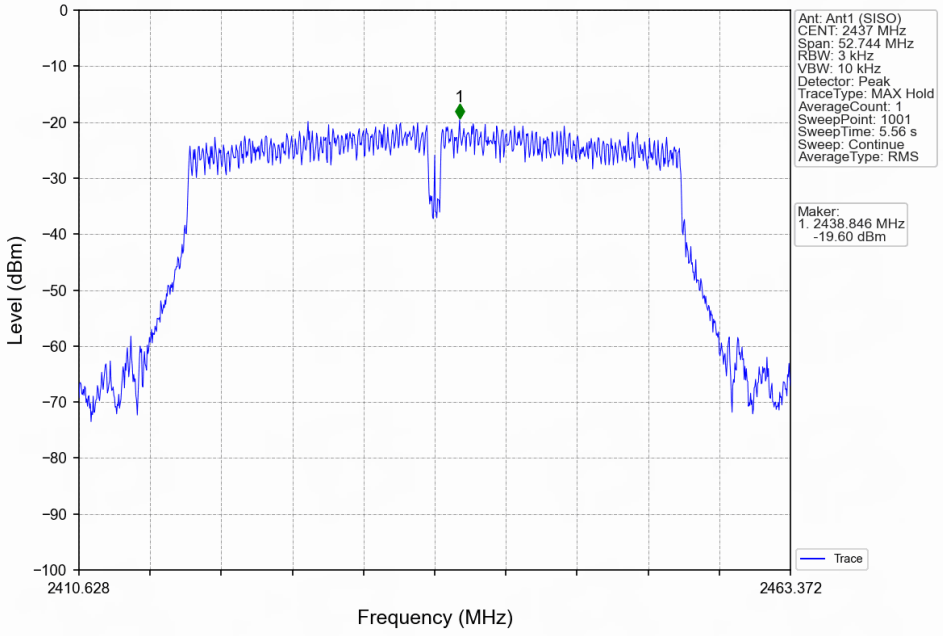
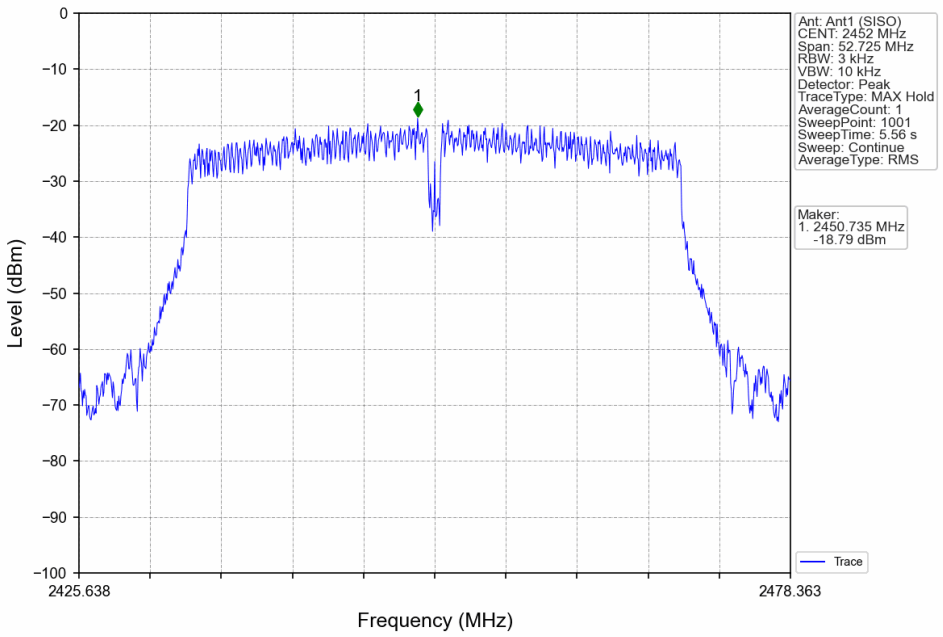
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV




802.11n(HT40)_HCH_2452MHz_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 | 5.64 |
| | | 2437 | 1 | 5.97 |
| | | 2462 | 1 | 6.03 |
| 802.11g | SISO | 2412 | 1 | -1.51 |
| | | 2437 | 1 | -1.46 |
| | | 2462 | 1 | -1.45 |
| 802.11n (HT20) | SISO | 2412 | 1 | -1.21 |
| | | 2437 | 1 | -1.44 |
| | | 2462 | 1 | -1.33 |
| 802.11n (HT40) | SISO | 2422 | 1 | -4.09 |
| | | 2437 | 1 | -4.00 |
| | | 2452 | 1 | -3.78 |
| 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. | | | | |

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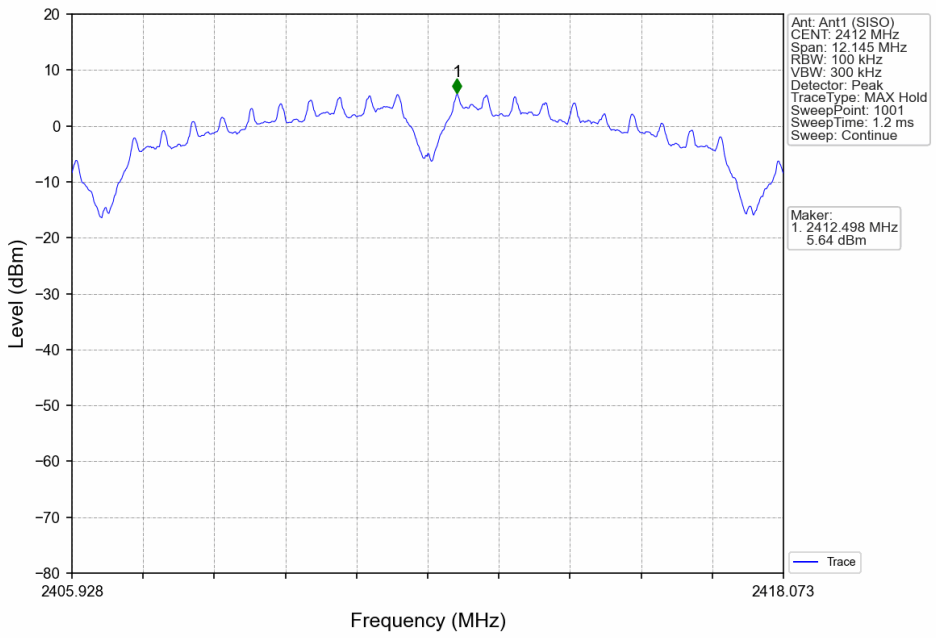
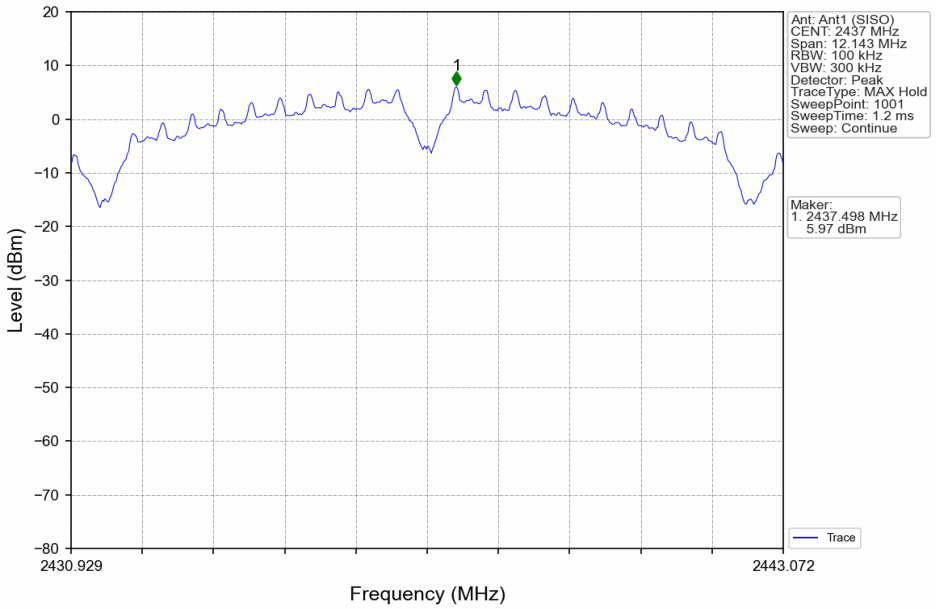
## 5.1.2 Test Graph

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV




802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

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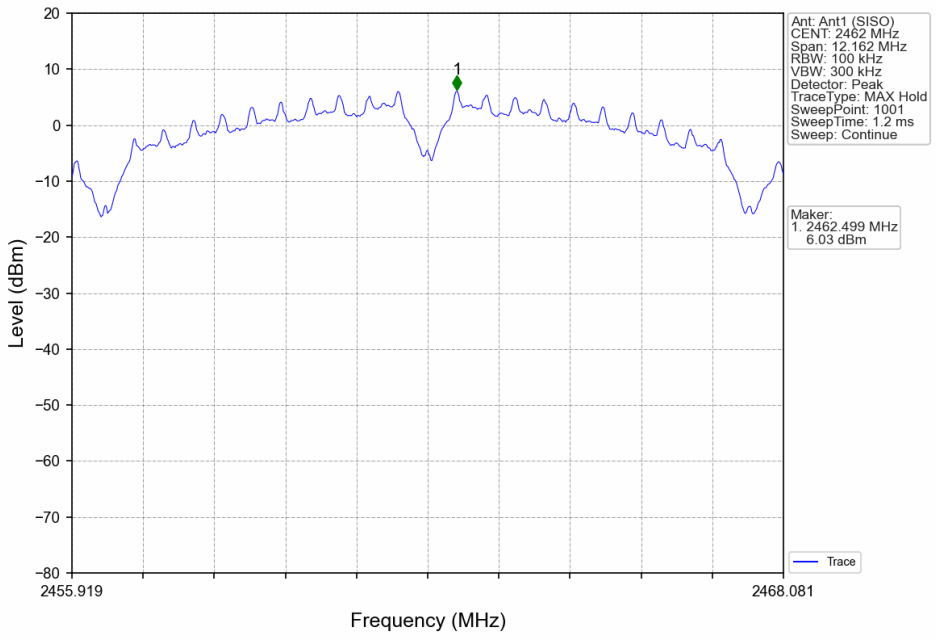
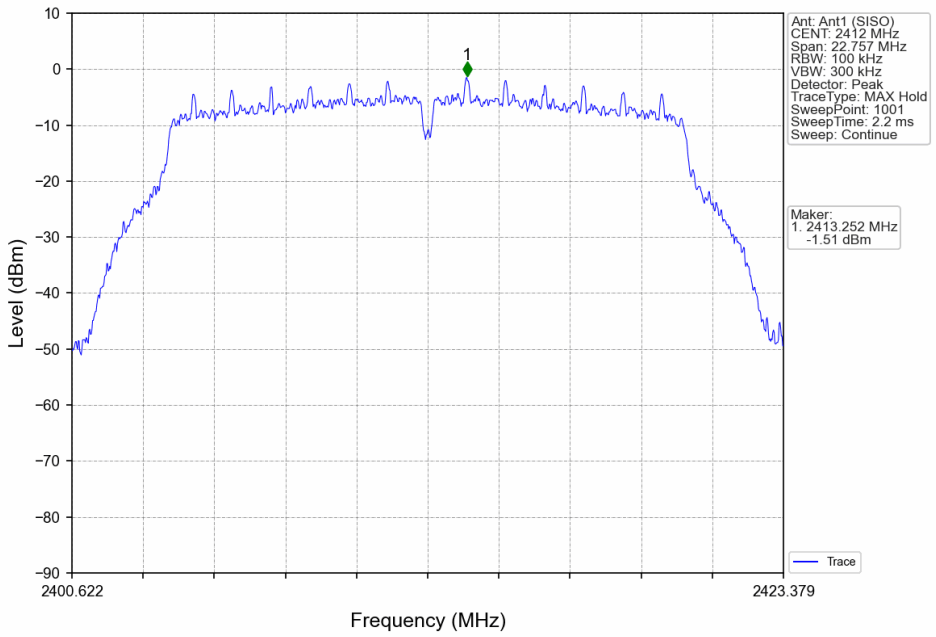
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV




802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

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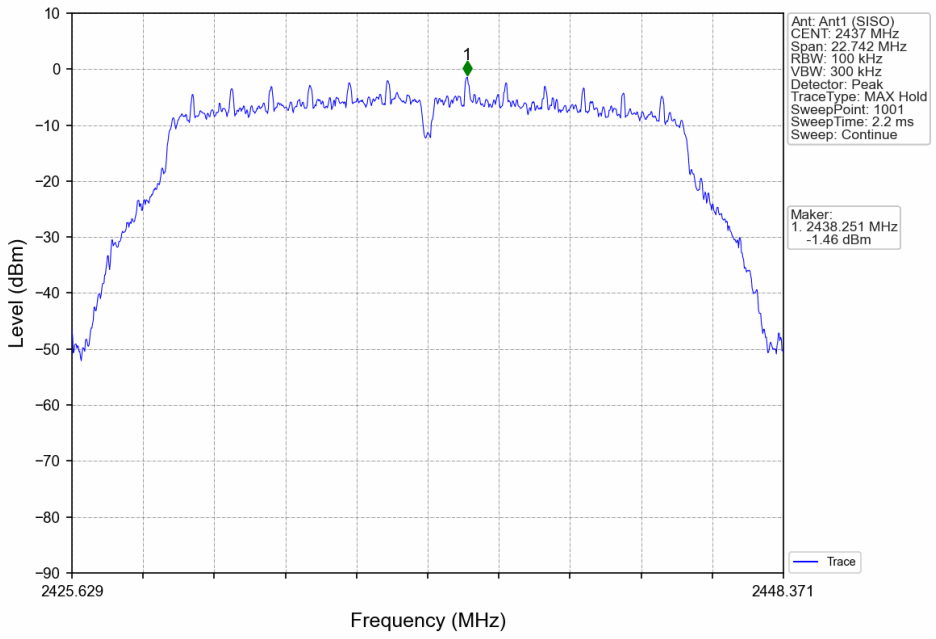
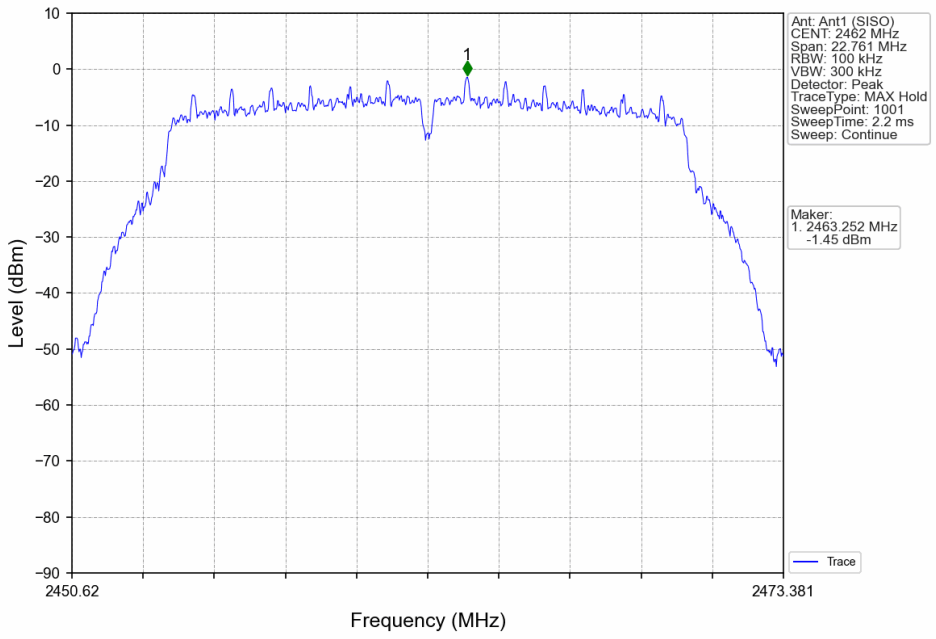
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV




802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

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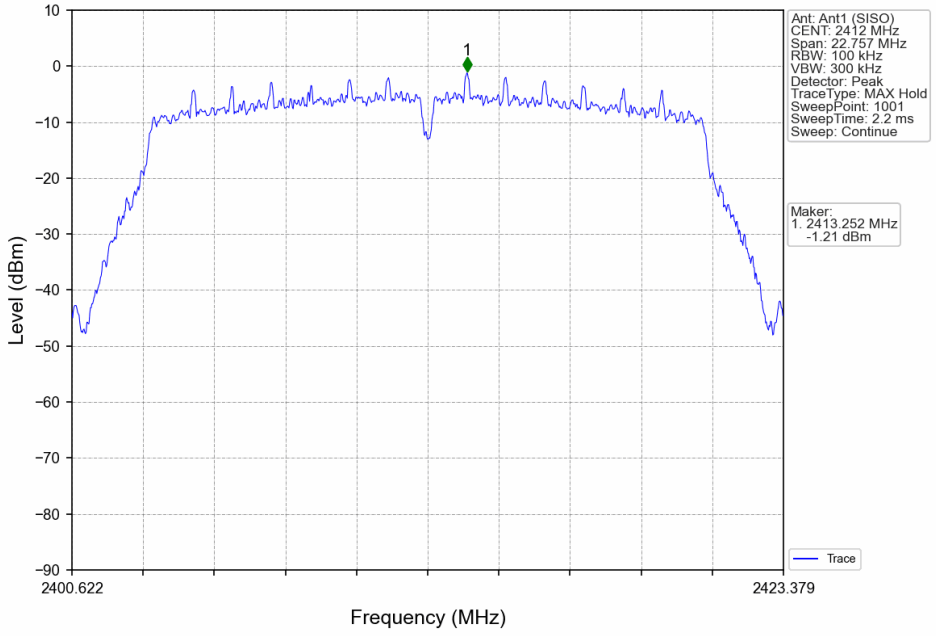
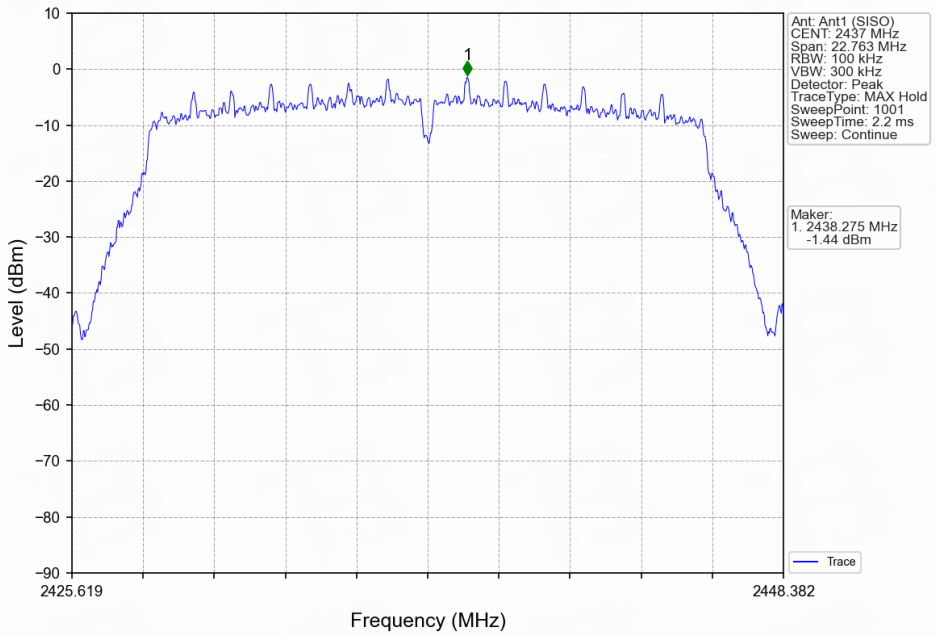
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV




802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

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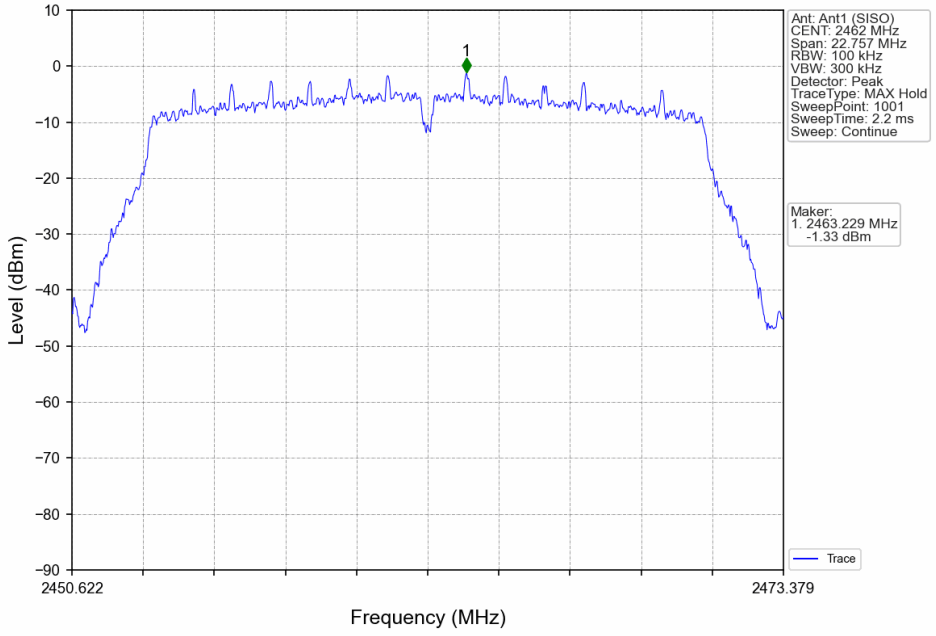
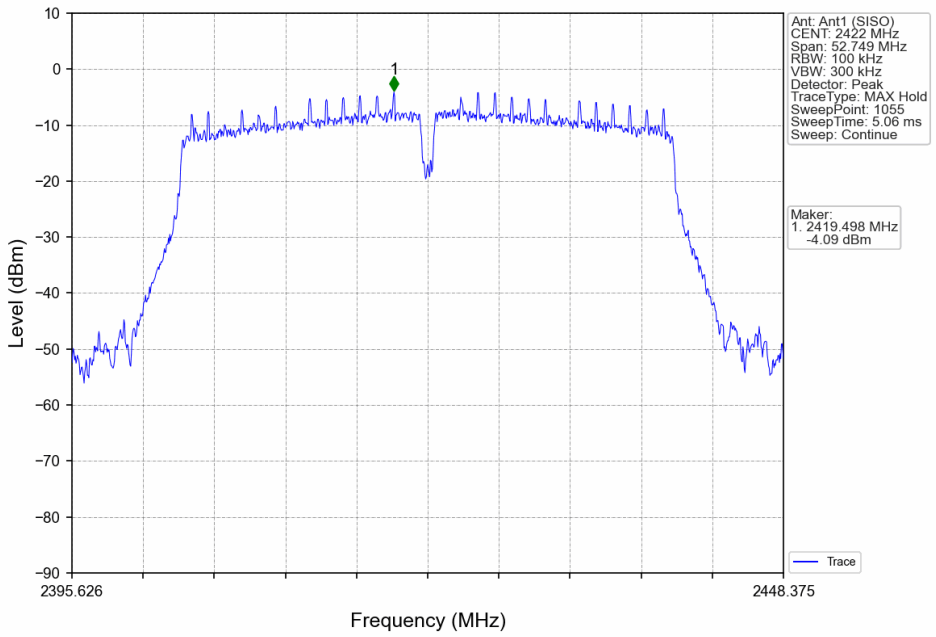
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV




802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

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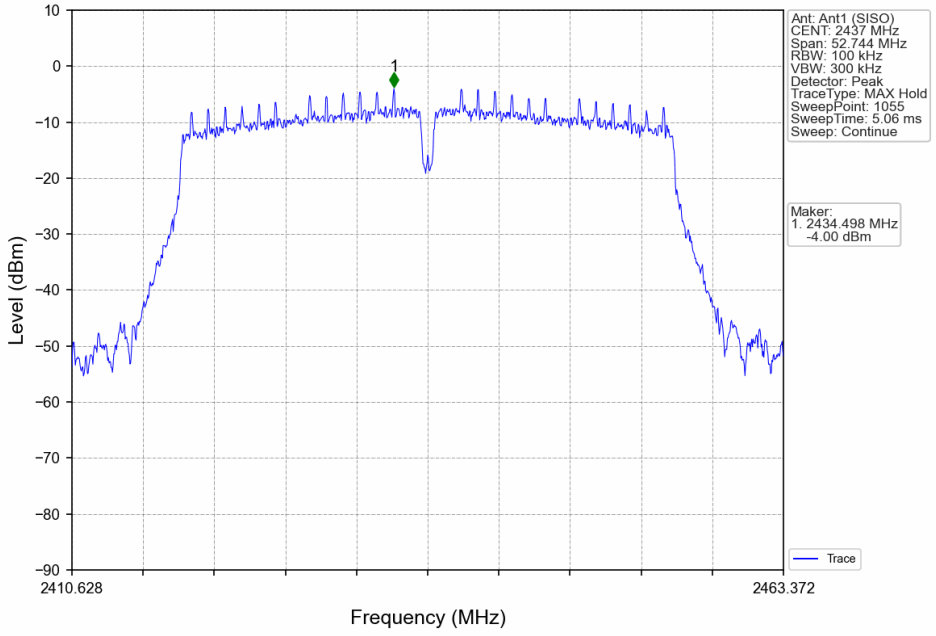
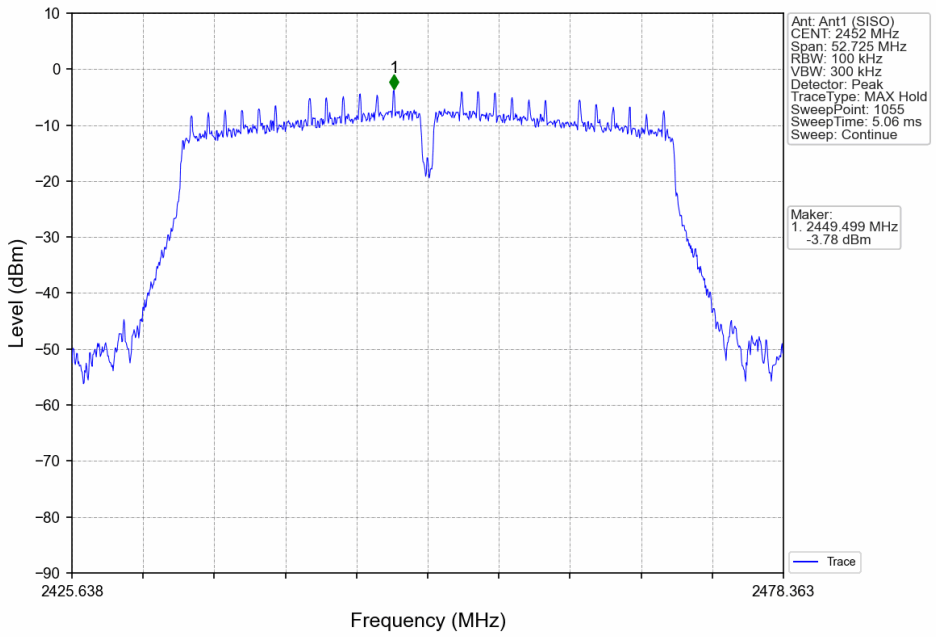
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV




802.11n(HT40)_HCH_2452MHz_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 | 6.03 | -13.97 | Pass |
| | | 2437 | 1 | 6.03 | -13.97 | Pass |
| | | 2462 | 1 | 6.03 | -13.97 | Pass |
| 802.11g | SISO | 2412 | 1 | -1.45 | -21.45 | Pass |
| | | 2437 | 1 | -1.45 | -21.45 | Pass |
| | | 2462 | 1 | -1.45 | -21.45 | Pass |
| 802.11n (HT20) | SISO | 2412 | 1 | -1.21 | -21.21 | Pass |
| | | 2437 | 1 | -1.21 | -21.21 | Pass |
| | | 2462 | 1 | -1.21 | -21.21 | Pass |
| 802.11n (HT40) | SISO | 2422 | 1 | -3.78 | -23.78 | Pass |
| | | 2437 | 1 | -3.78 | -23.78 | Pass |
| | | 2452 | 1 | -3.78 | -23.78 | 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. | | | | | | |

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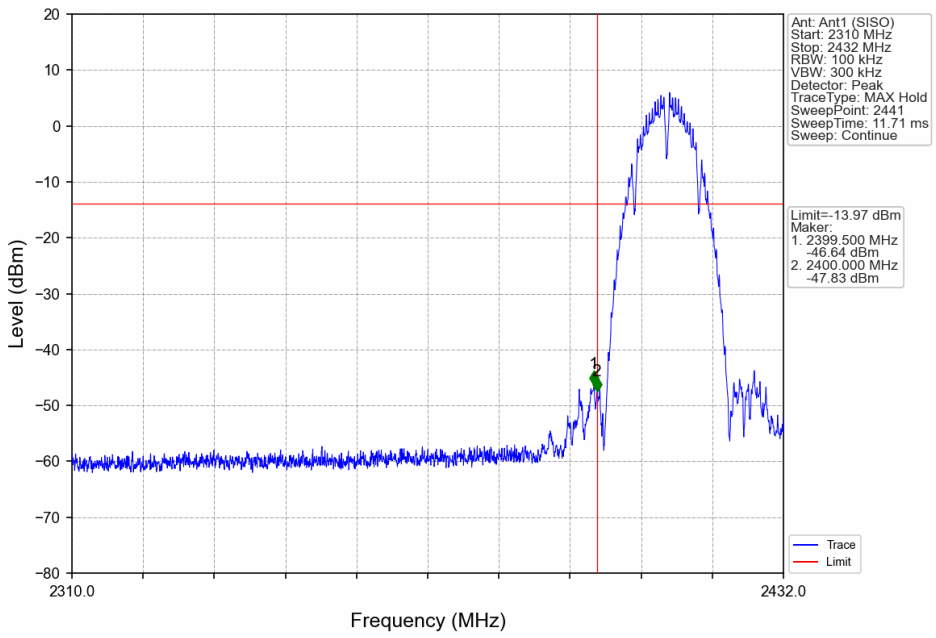
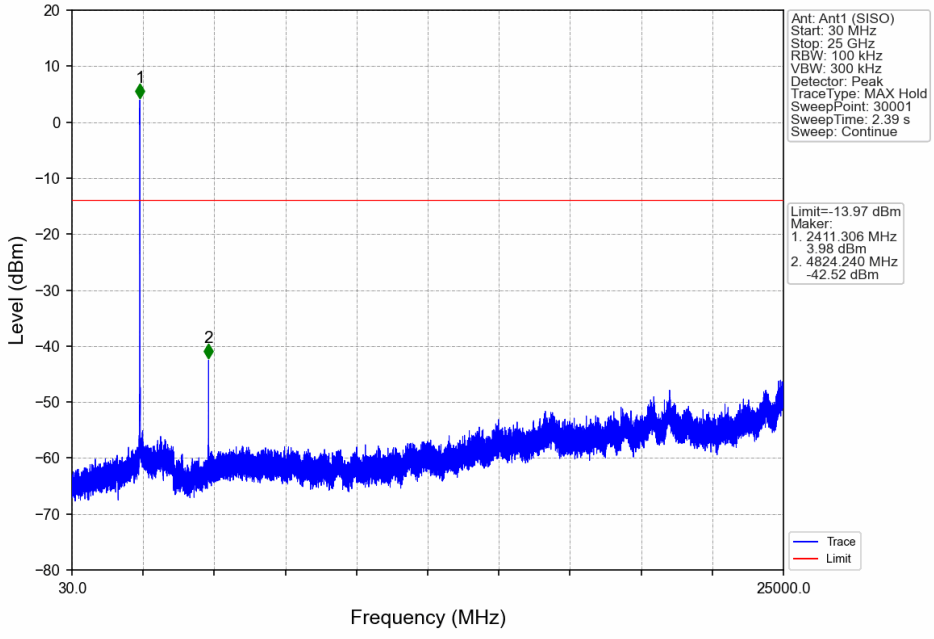
## 5.2.2 Test Graph

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV




802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV

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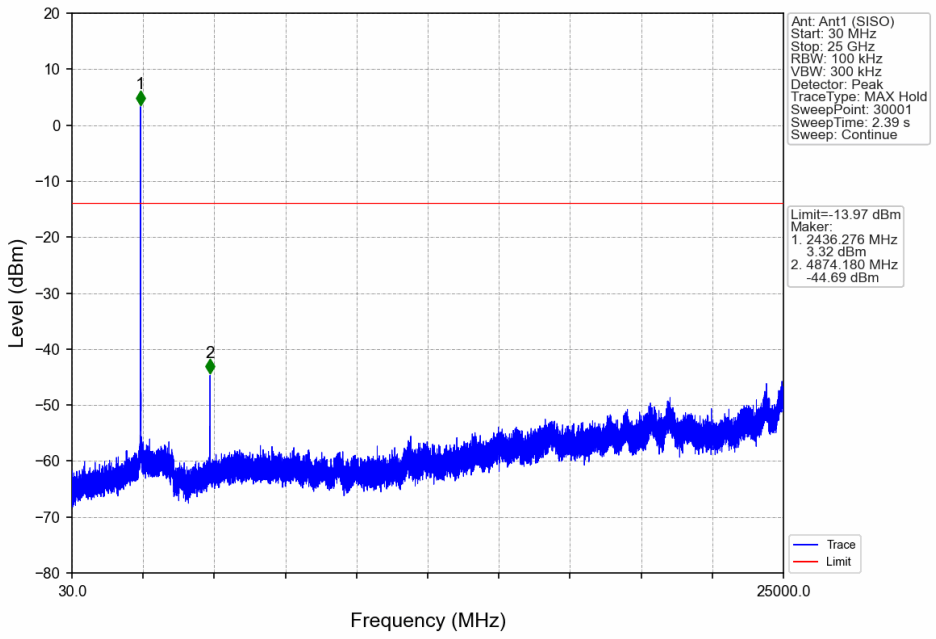
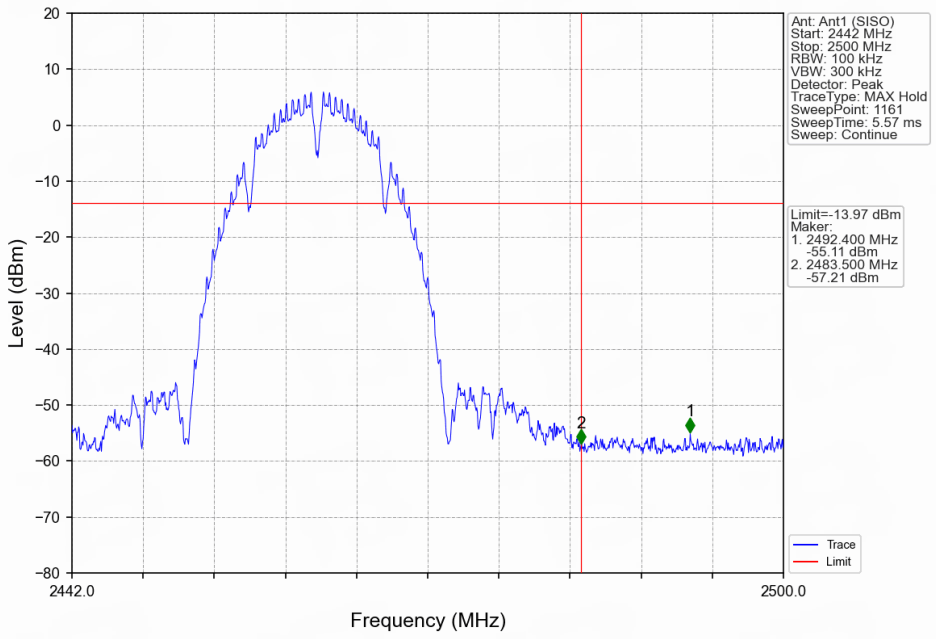
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV




802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

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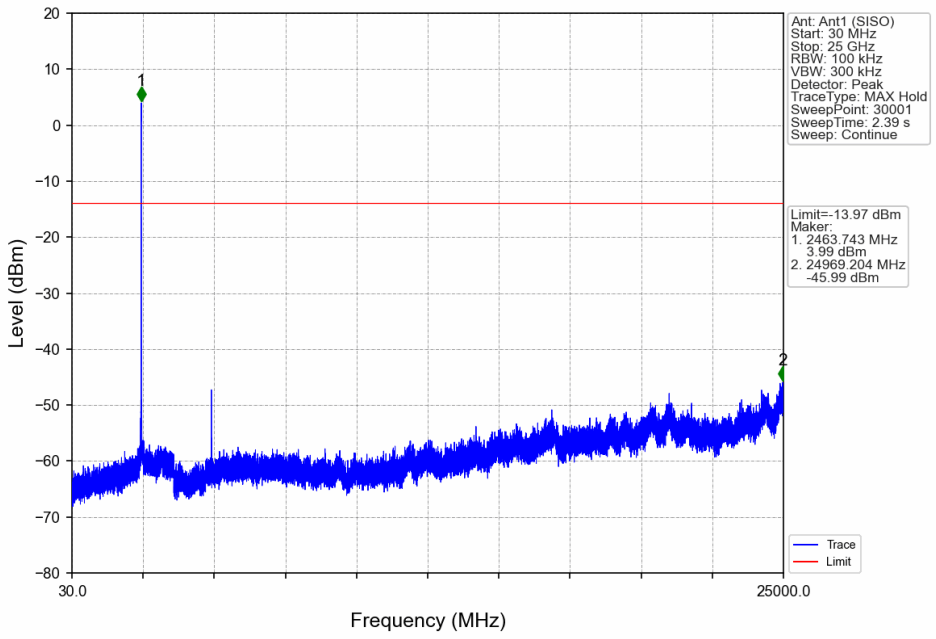
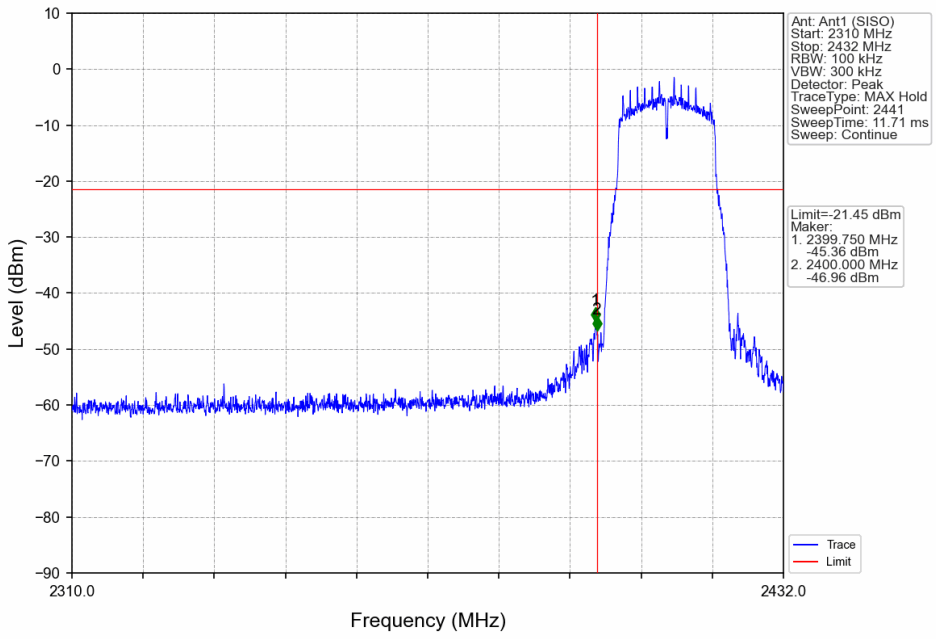
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV




802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

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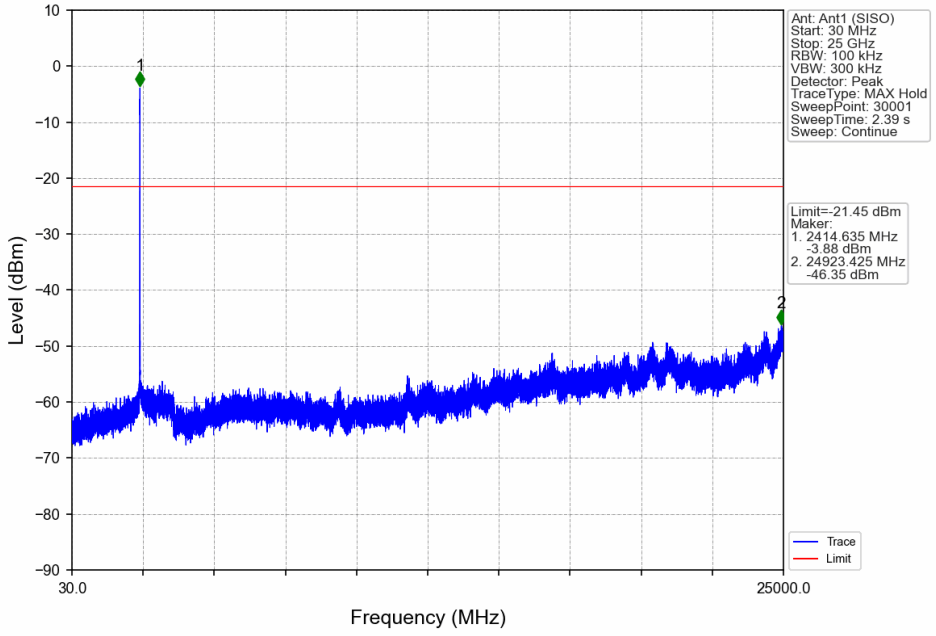
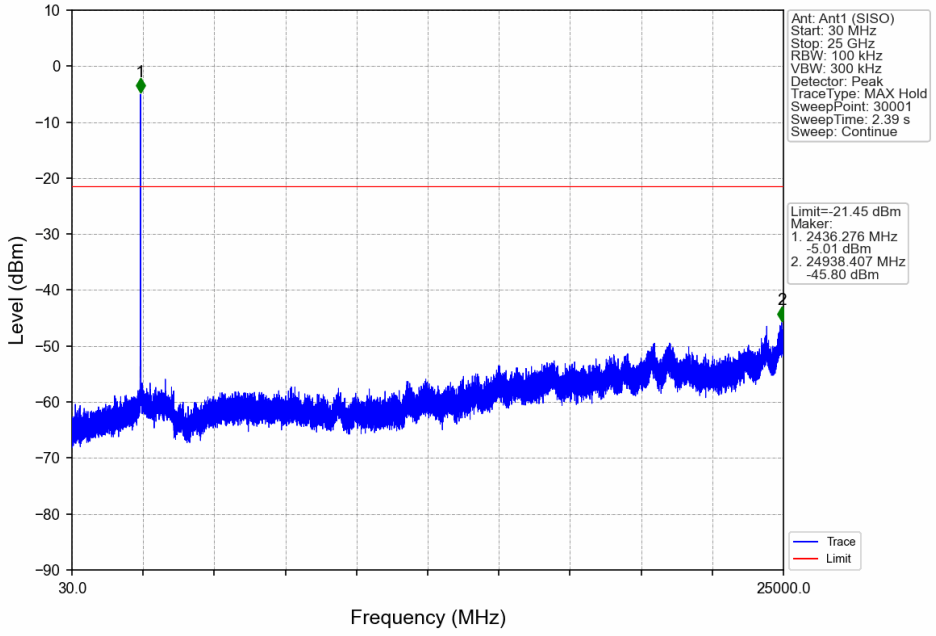
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV




802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

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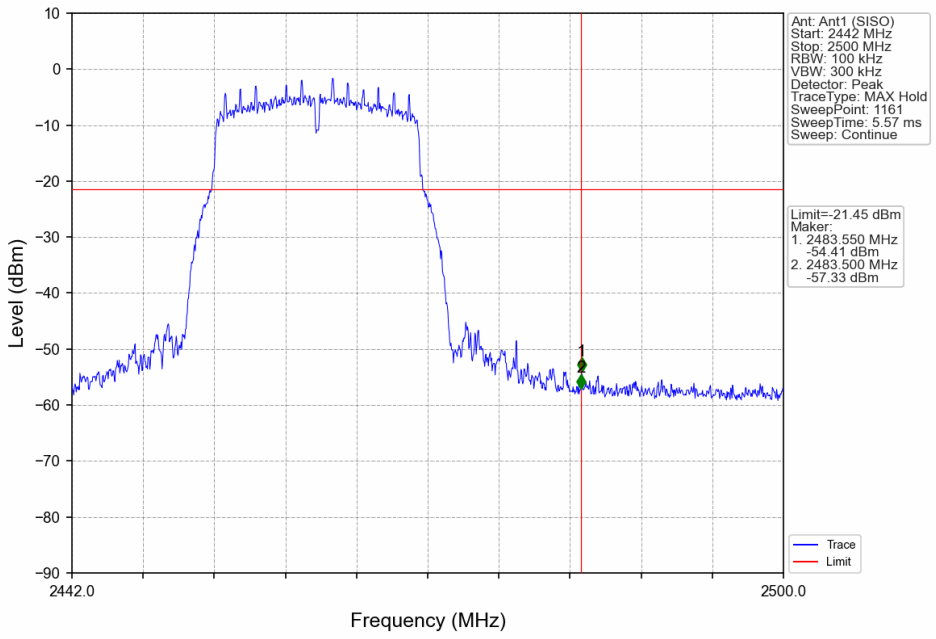
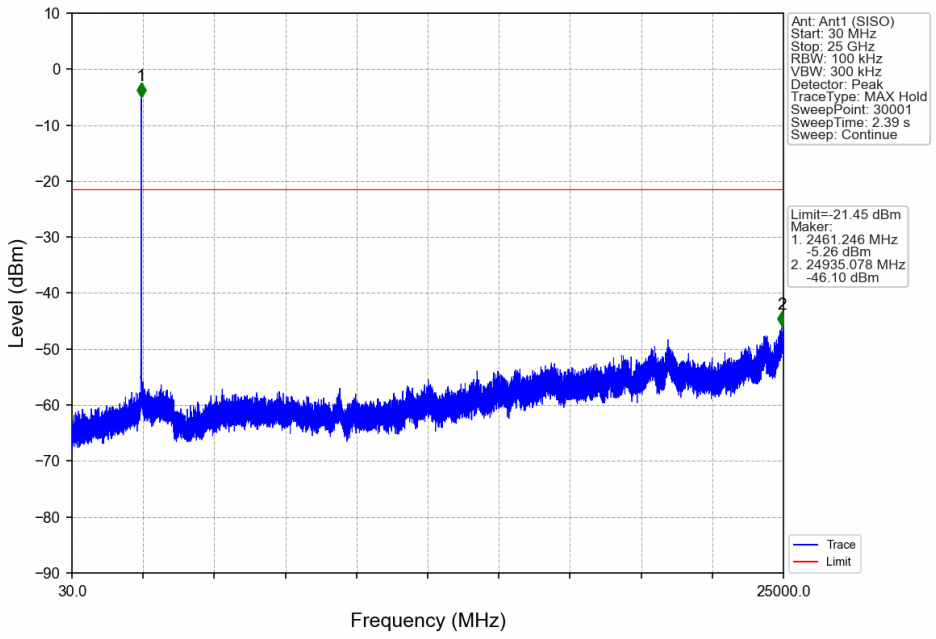
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV




802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

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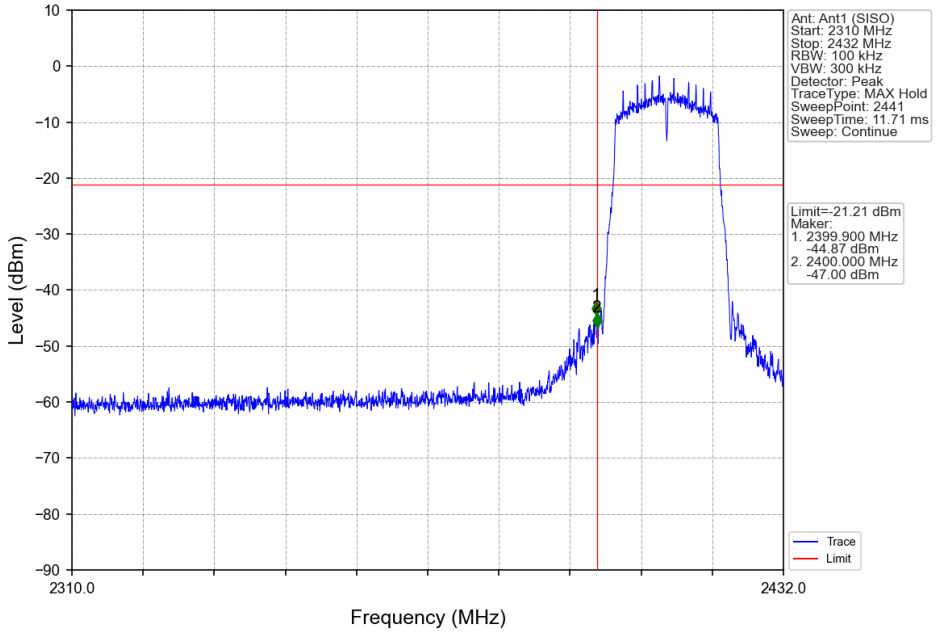
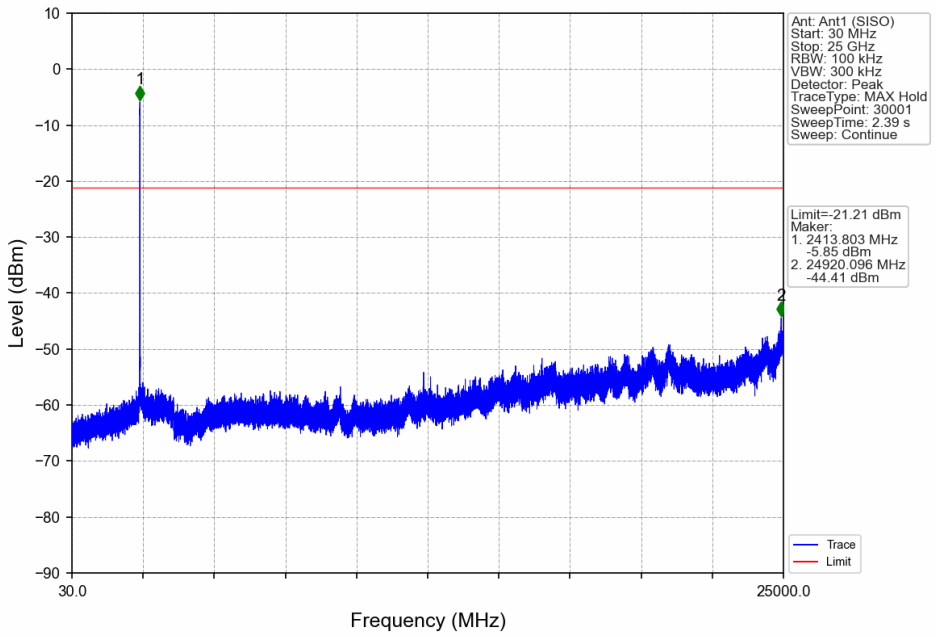
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV




802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

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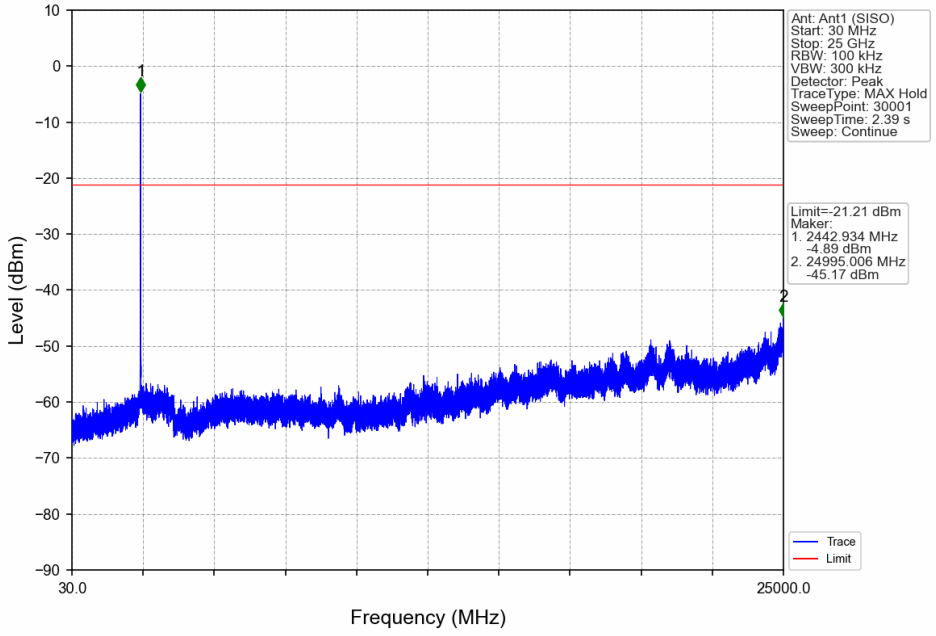
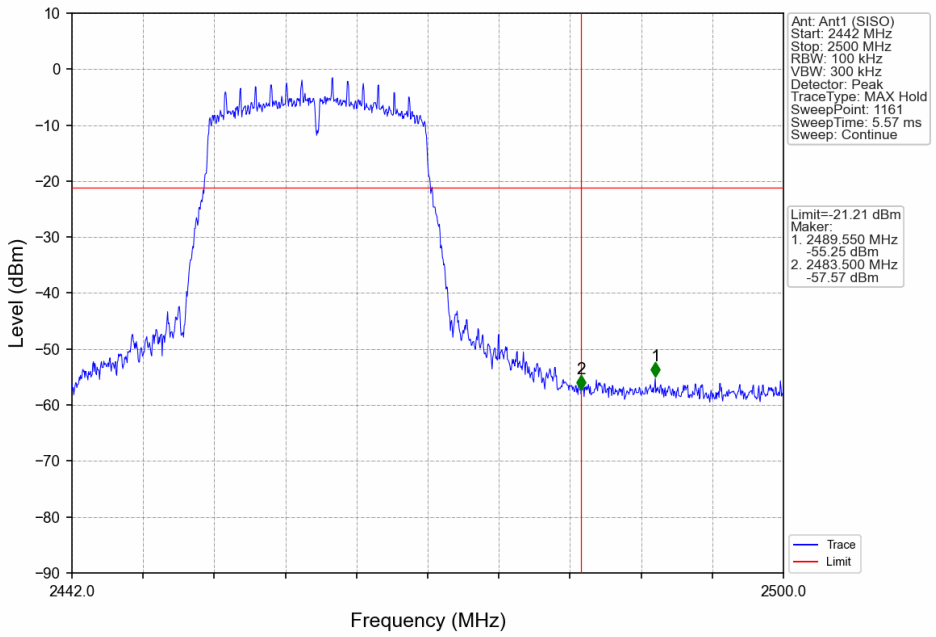
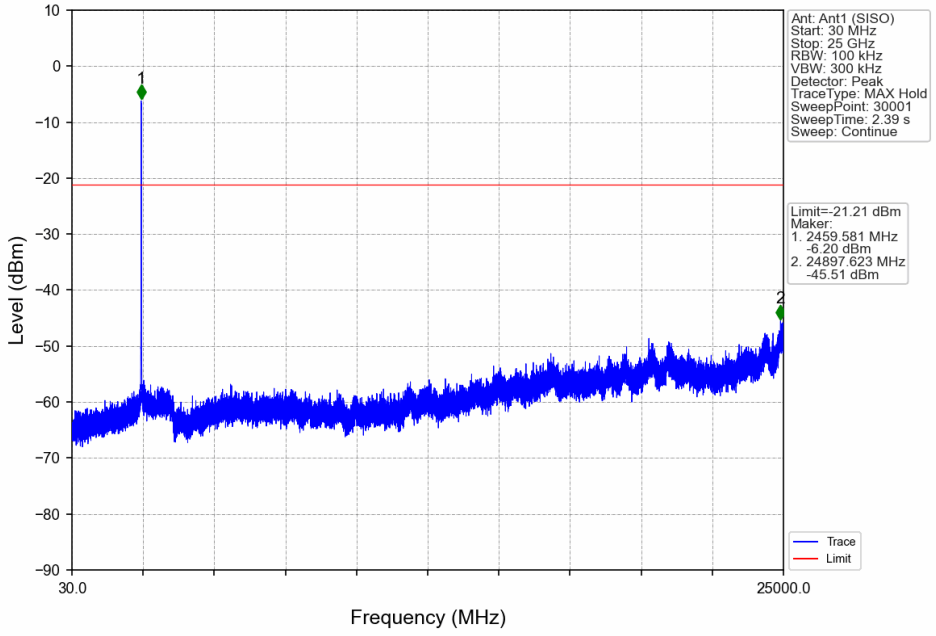
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



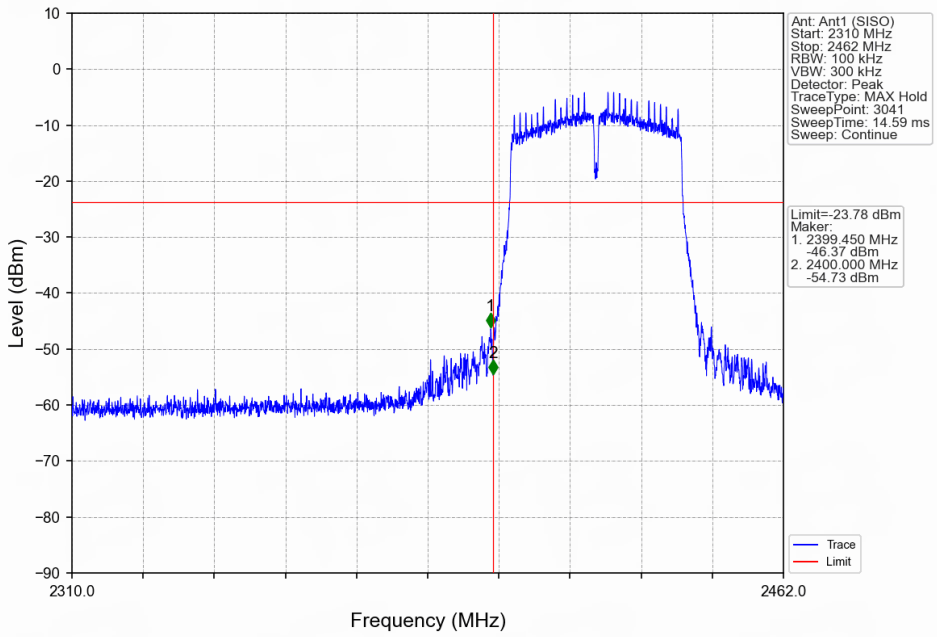

802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV




802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

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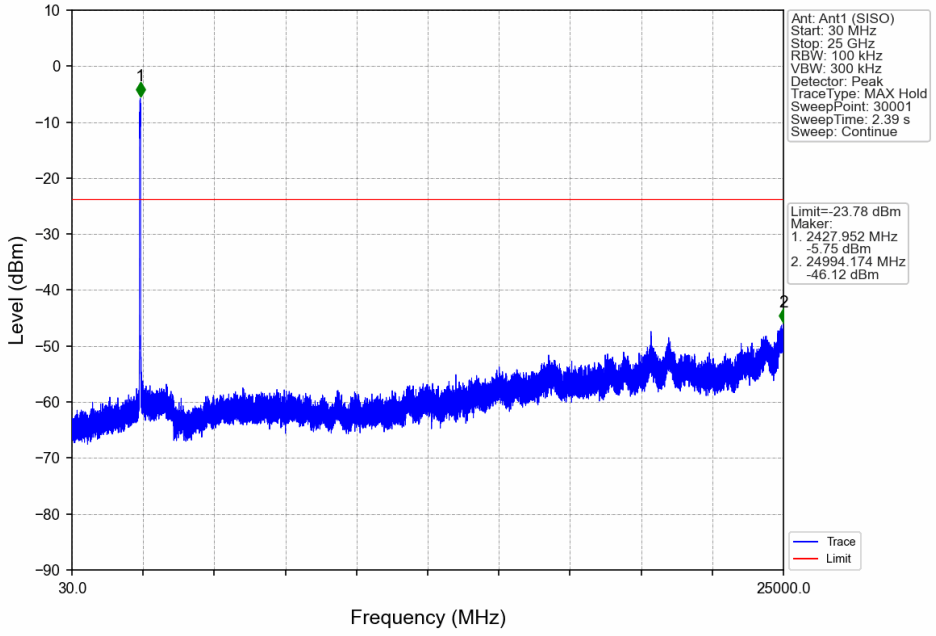
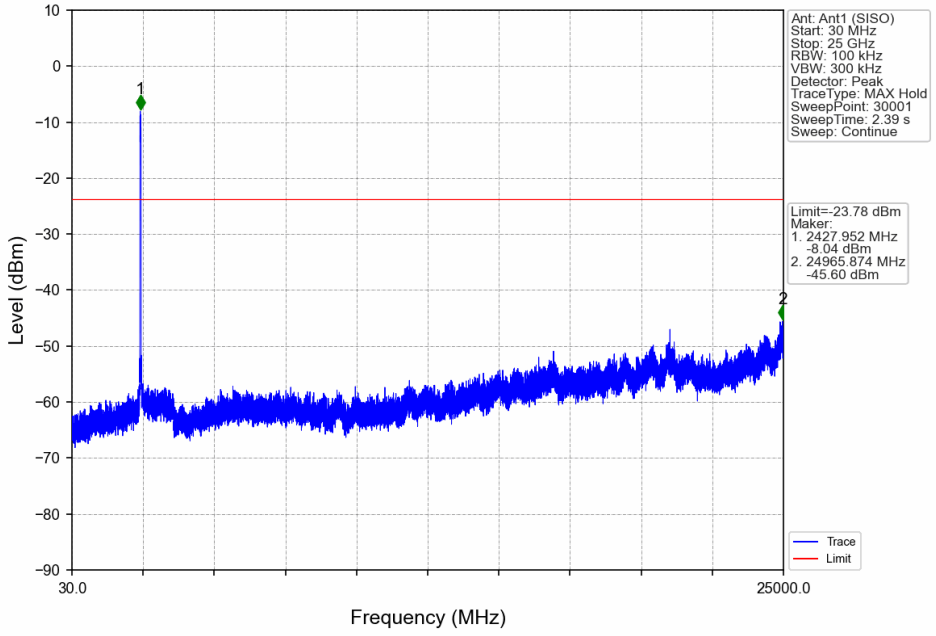
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV




802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

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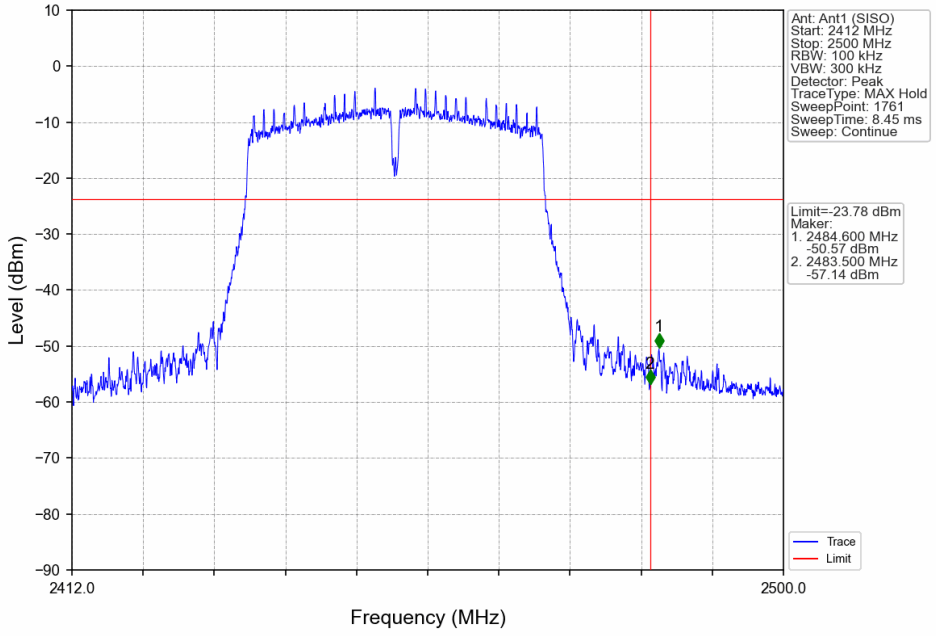
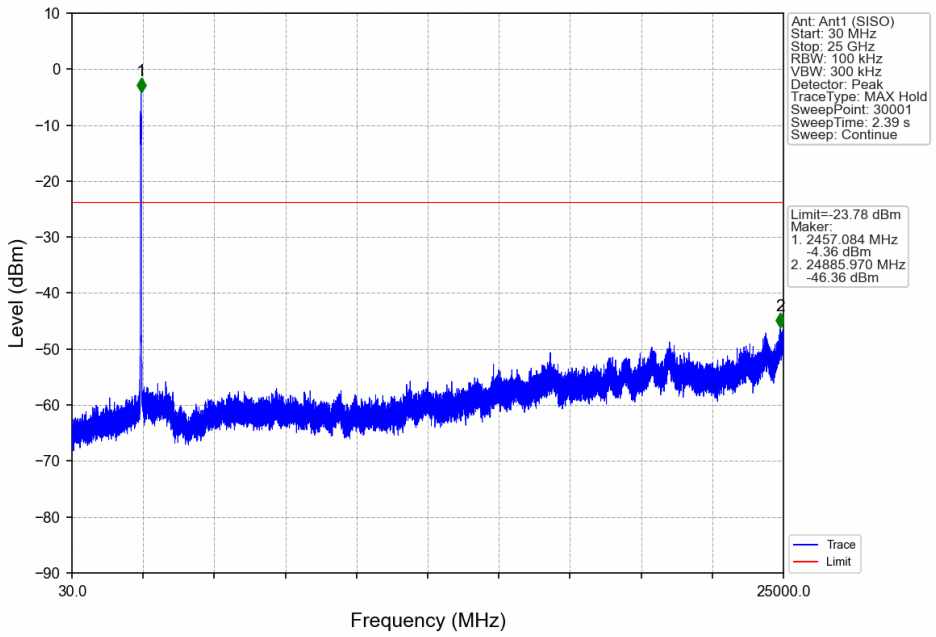
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV




802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

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# 6. Form731

## 6.1 Form731

### 6.1.1 Test Result

| Lower Freq (MHz) | High Freq (MHz) | MAX Power (W) | MAX Power (dBm) |
|---|---|---|---|
| 2412 | 2462 | 0.0437 | 16.40 |
| 2422 | 2452 | 0.0493 | 16.93 |

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