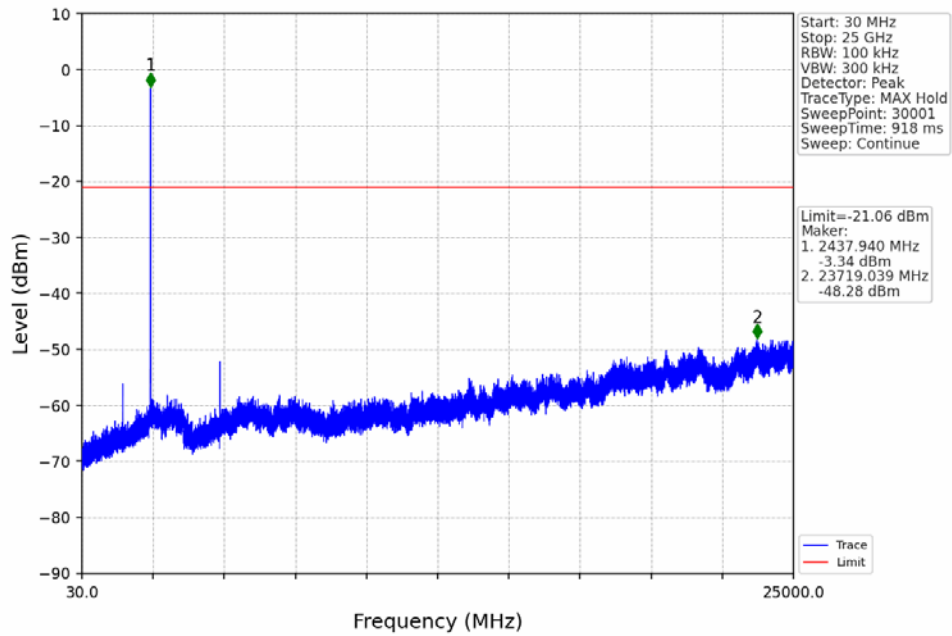
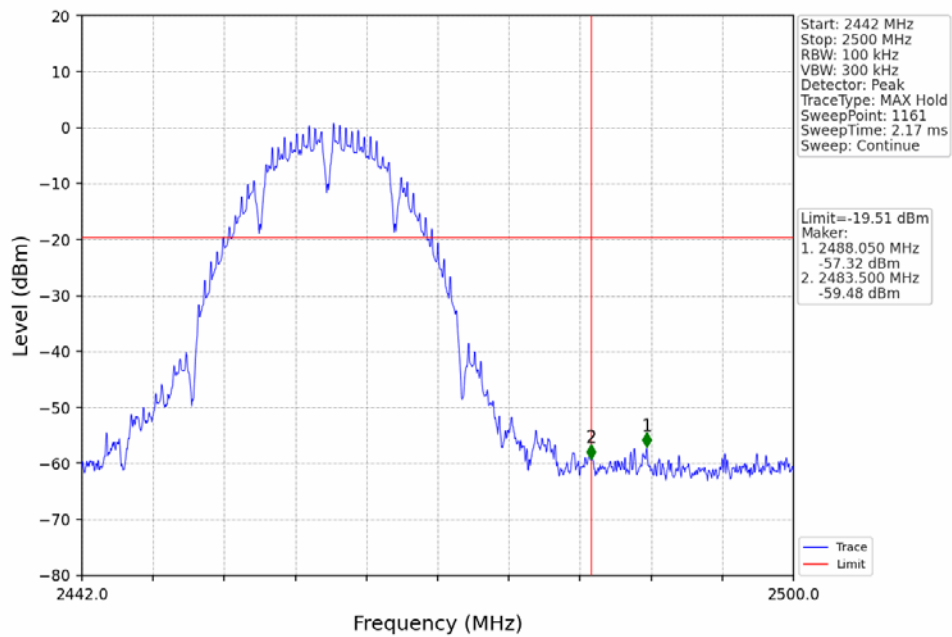


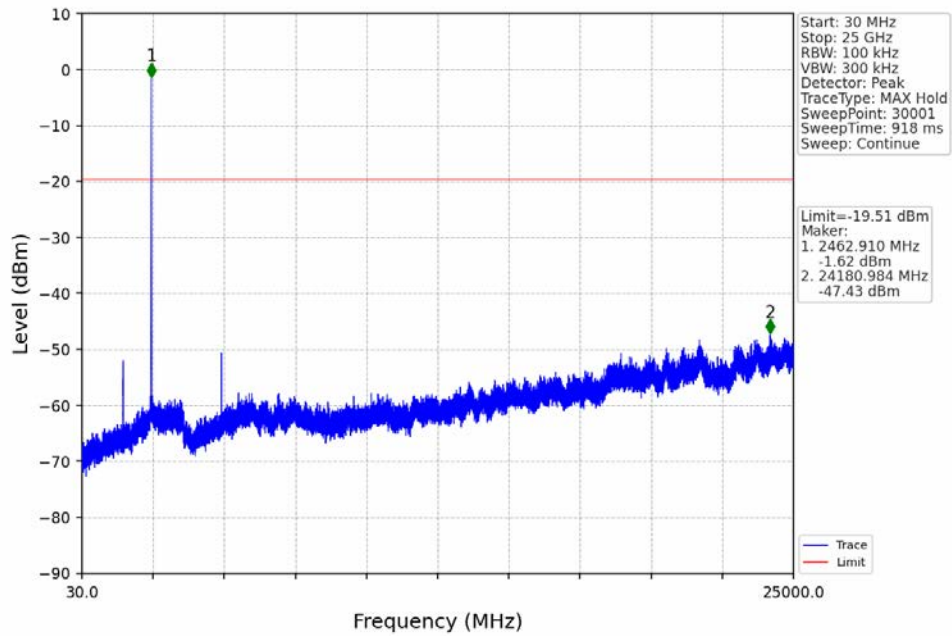
802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



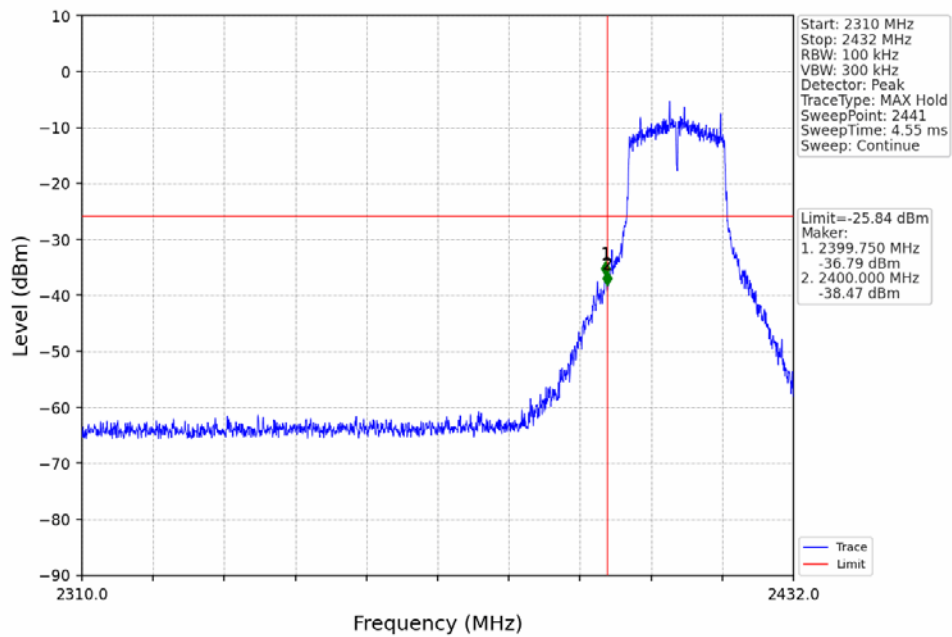
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



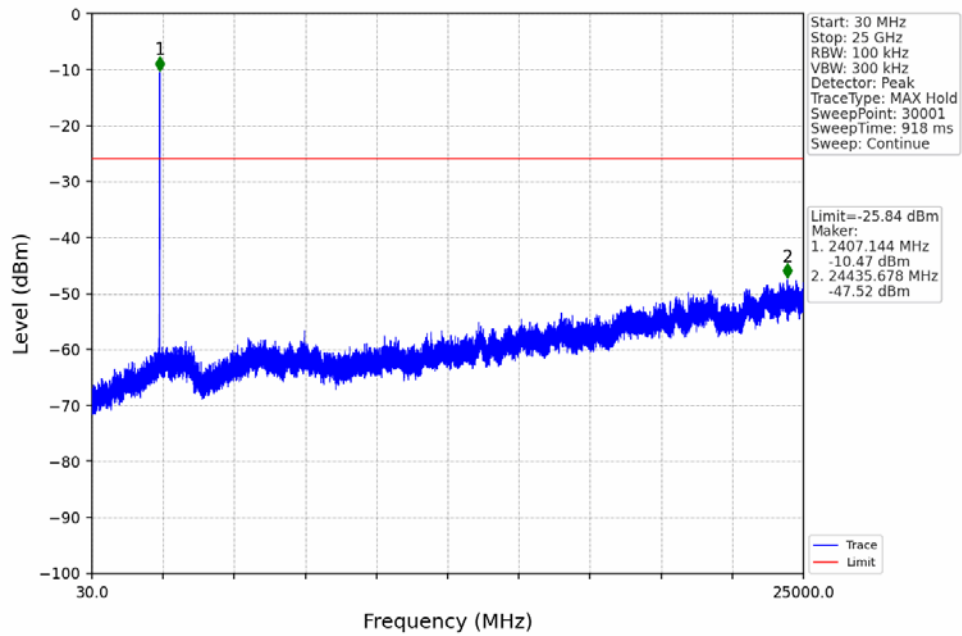
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



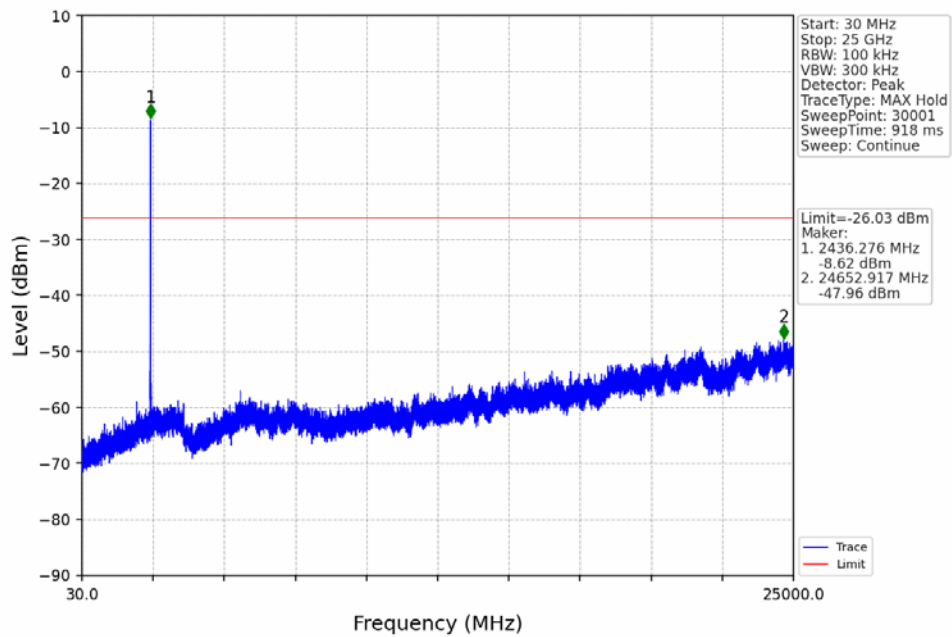
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



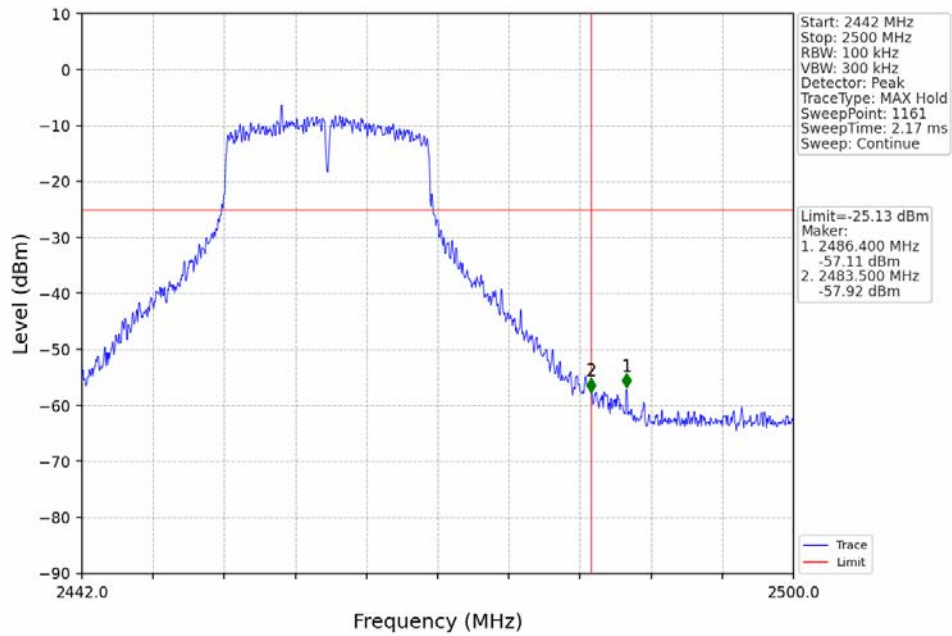
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



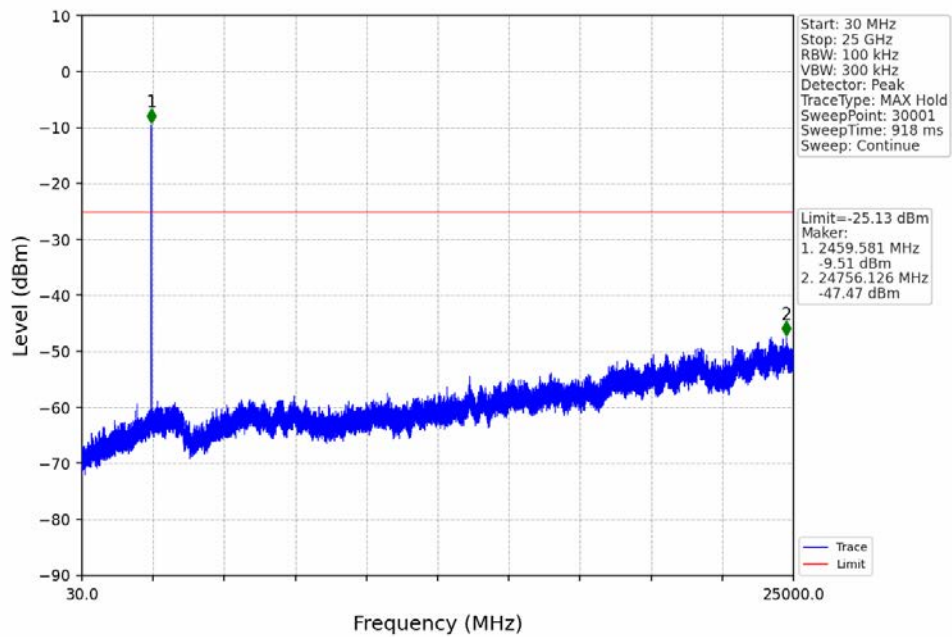
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



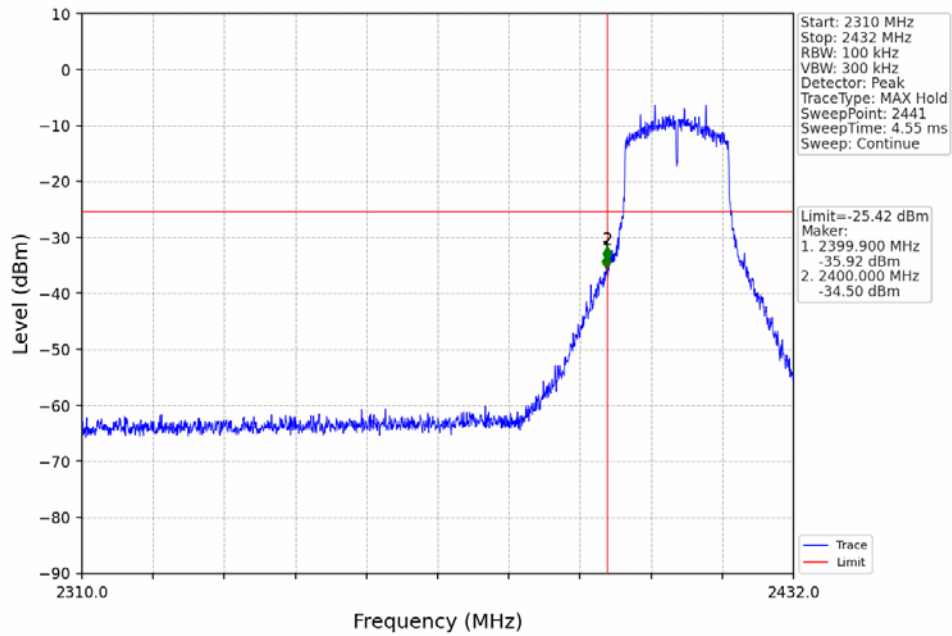
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



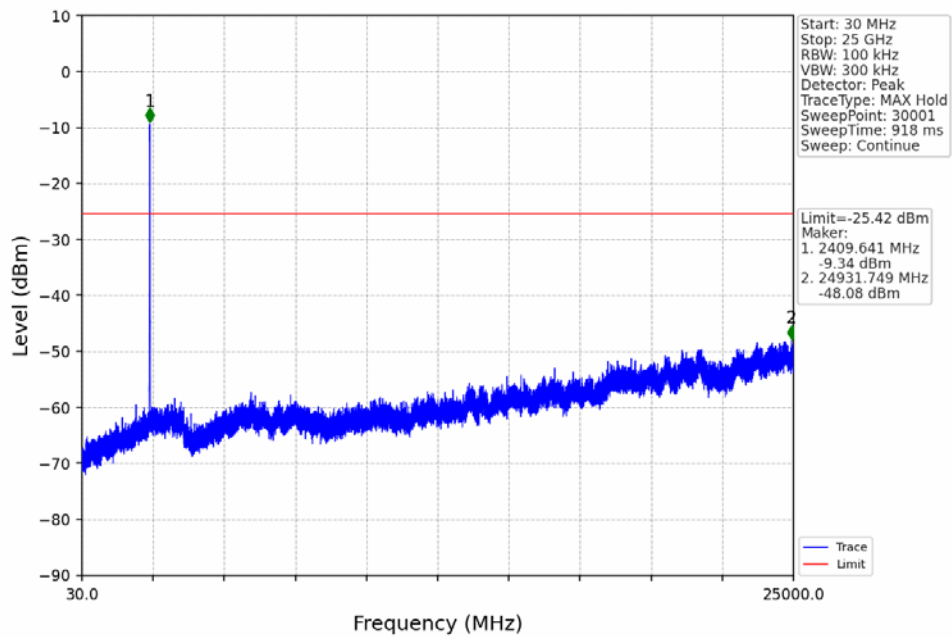
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



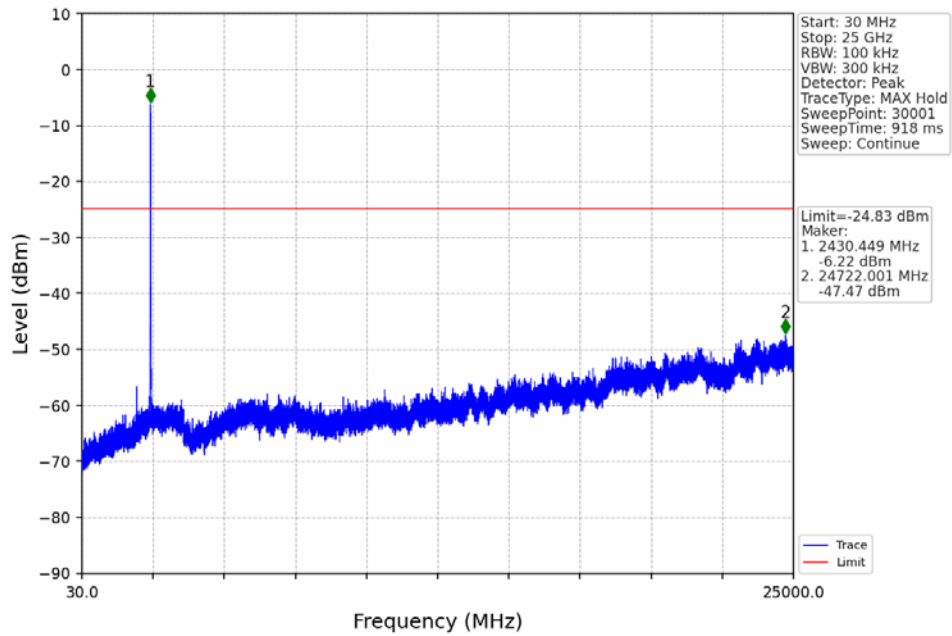
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



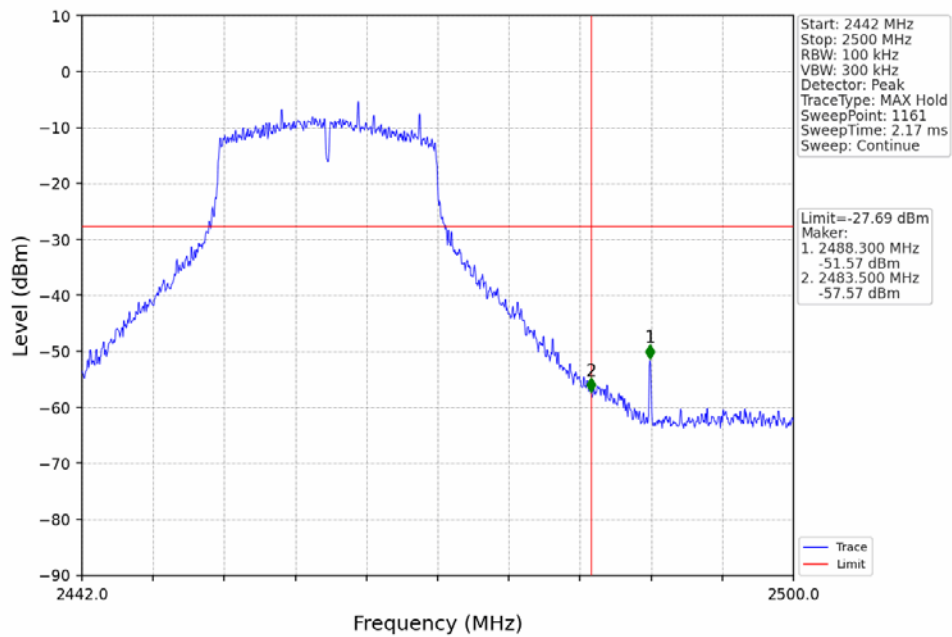
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



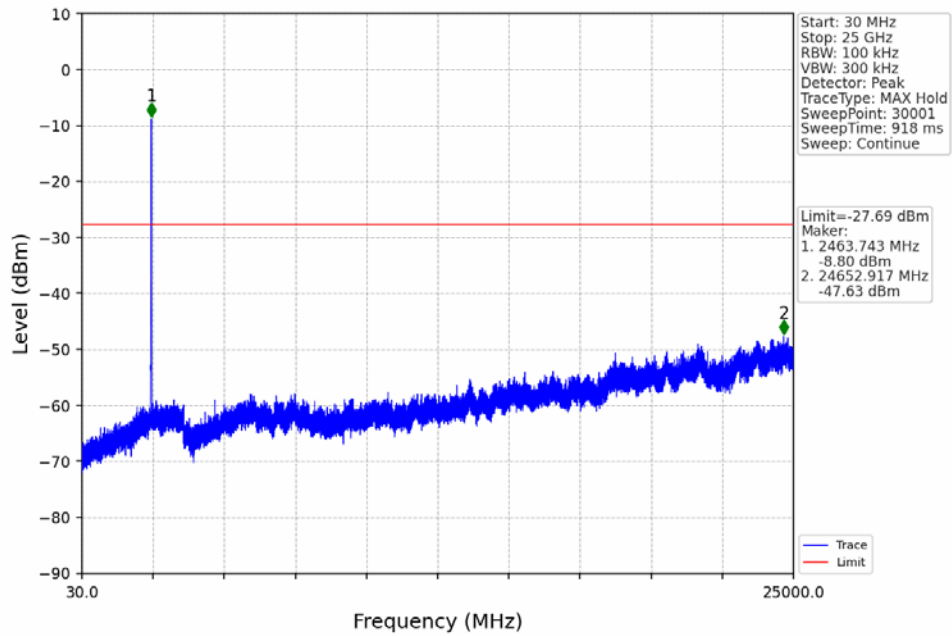
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



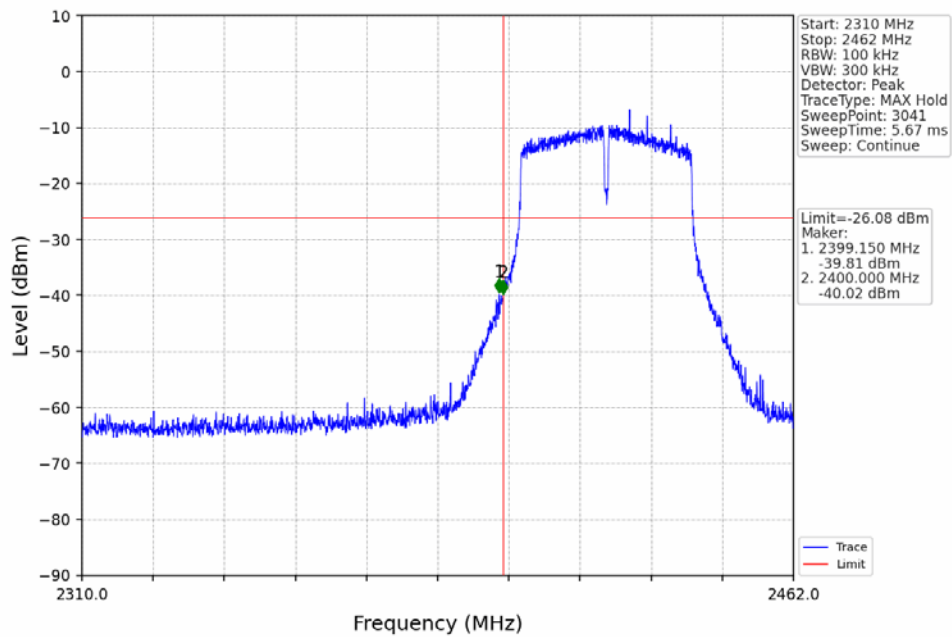
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



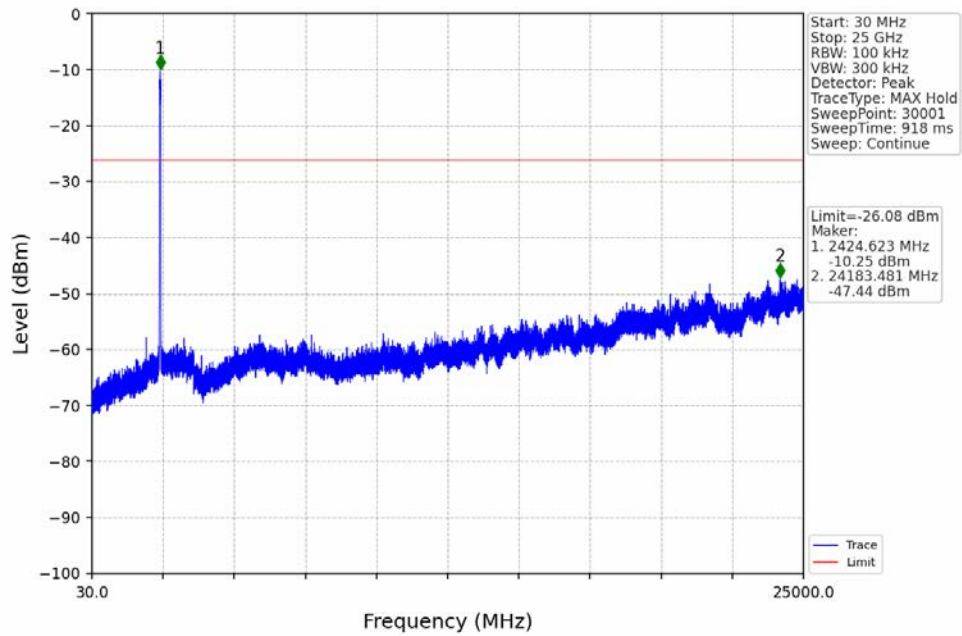
802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



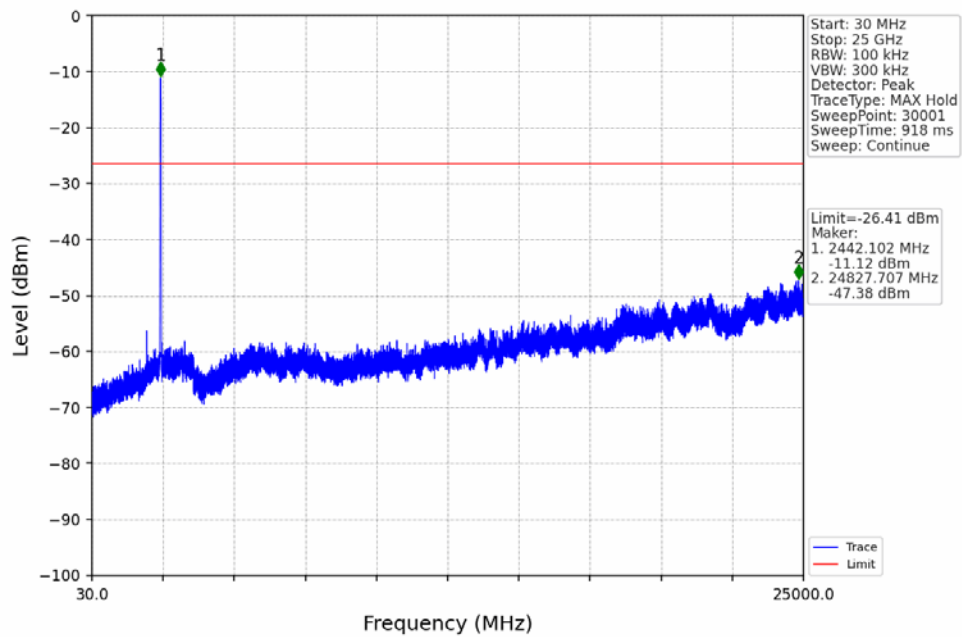
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



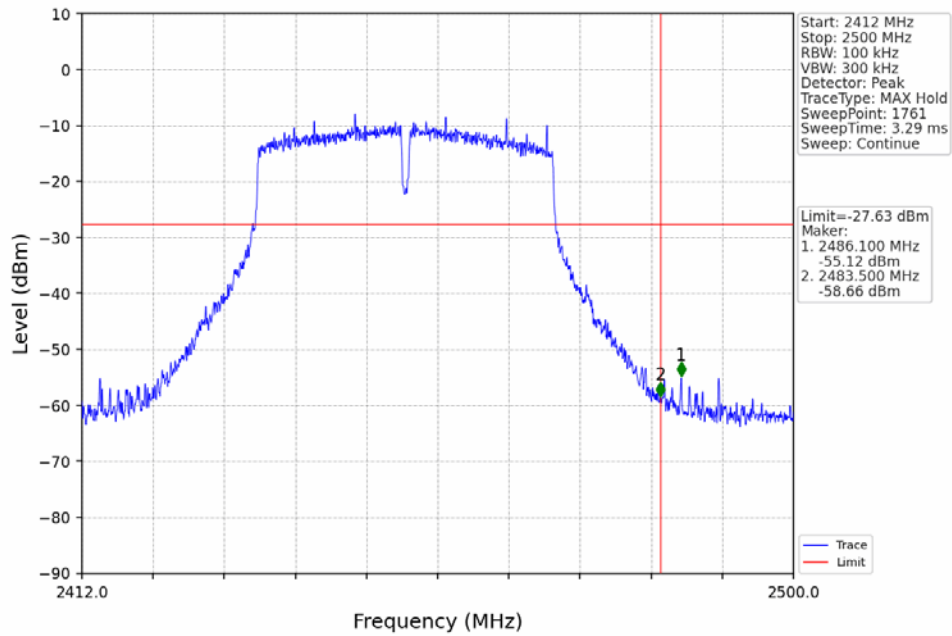
802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV



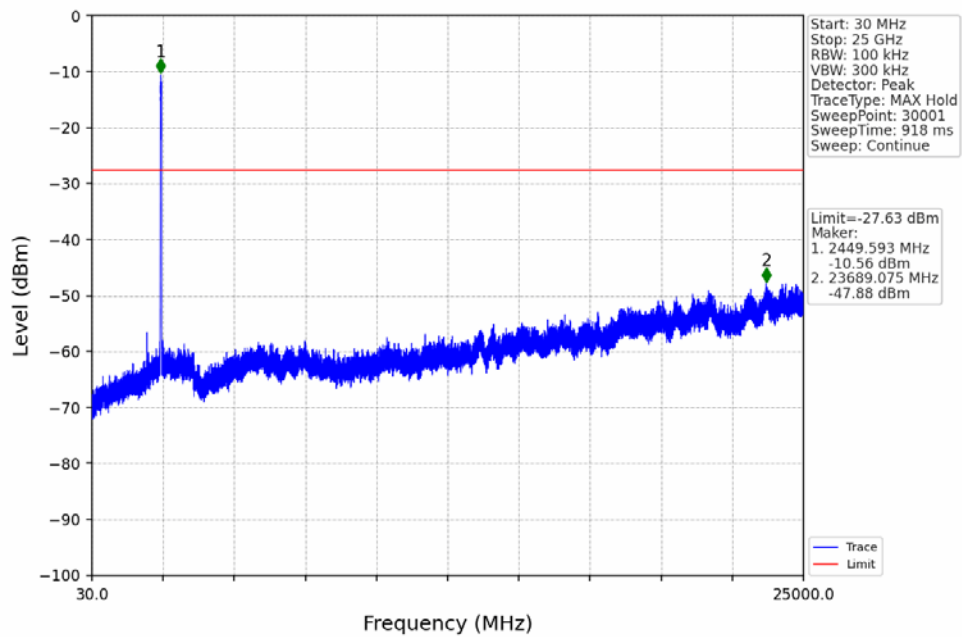
802.11n(HT40)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



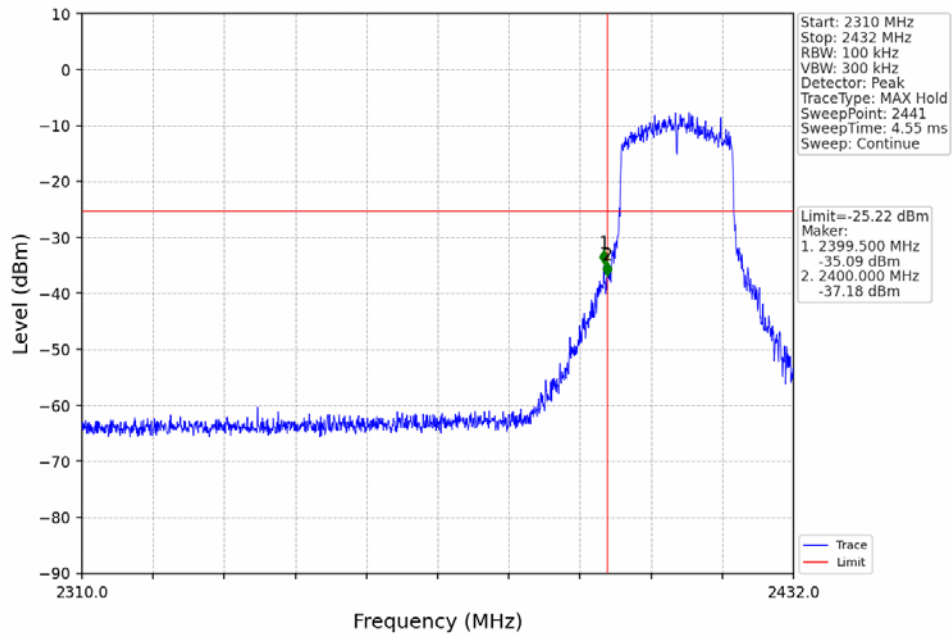
802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV



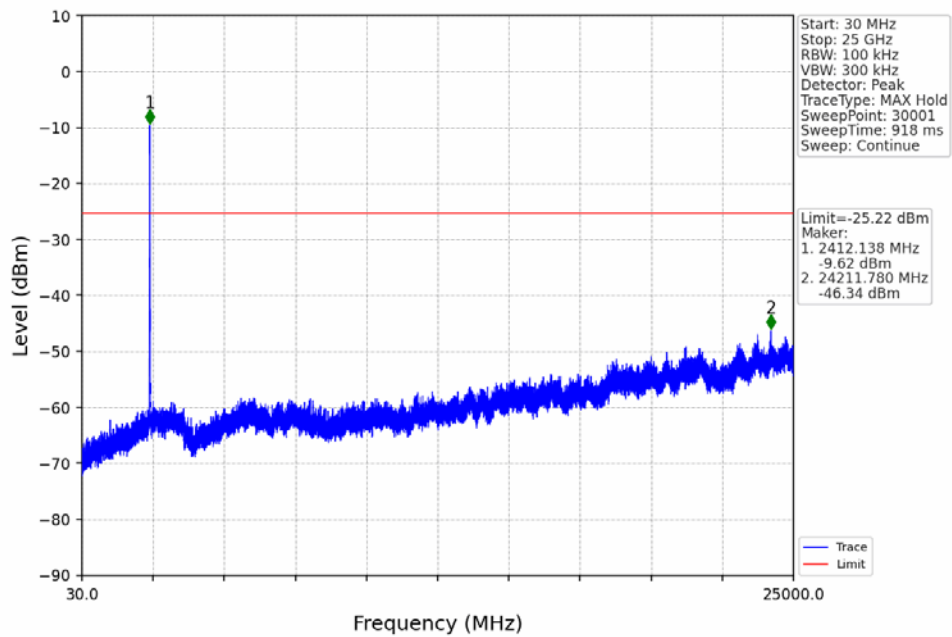
802.11n(HT40)\_HCH\_2452MHz\_Ant1 (SISO)\_NTNV



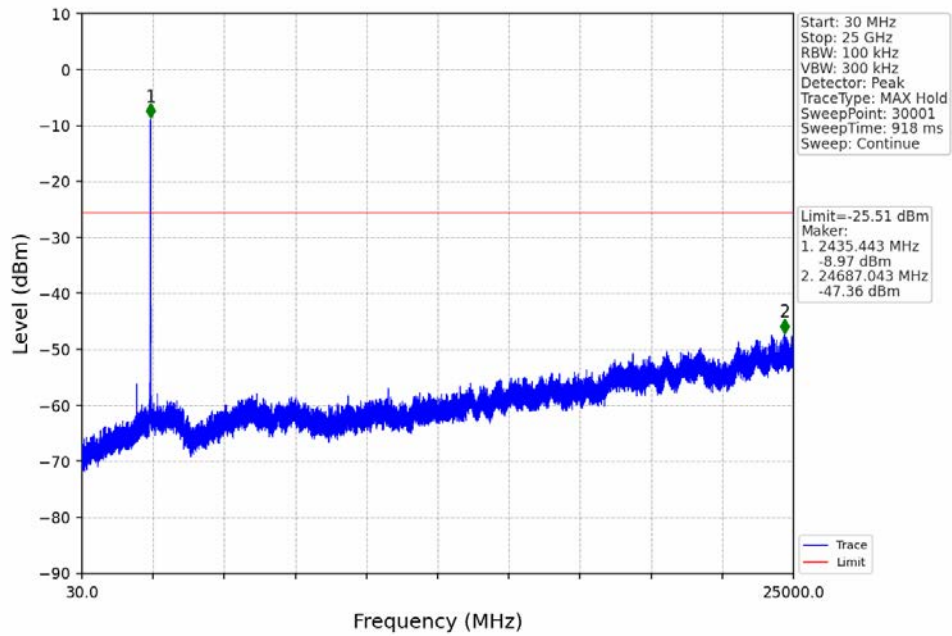
802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



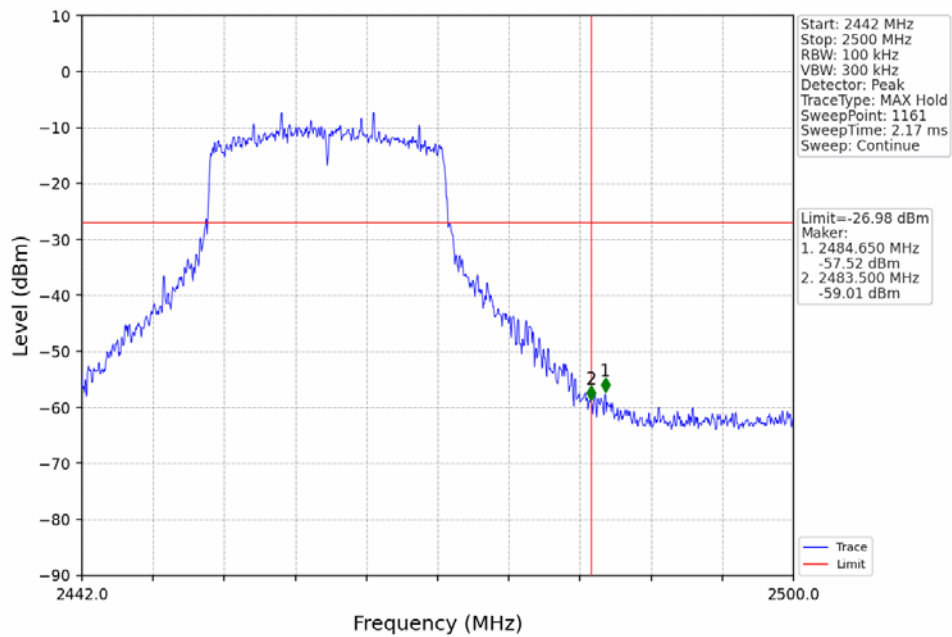
802.11ax(HEW20)\_LCH\_2412MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



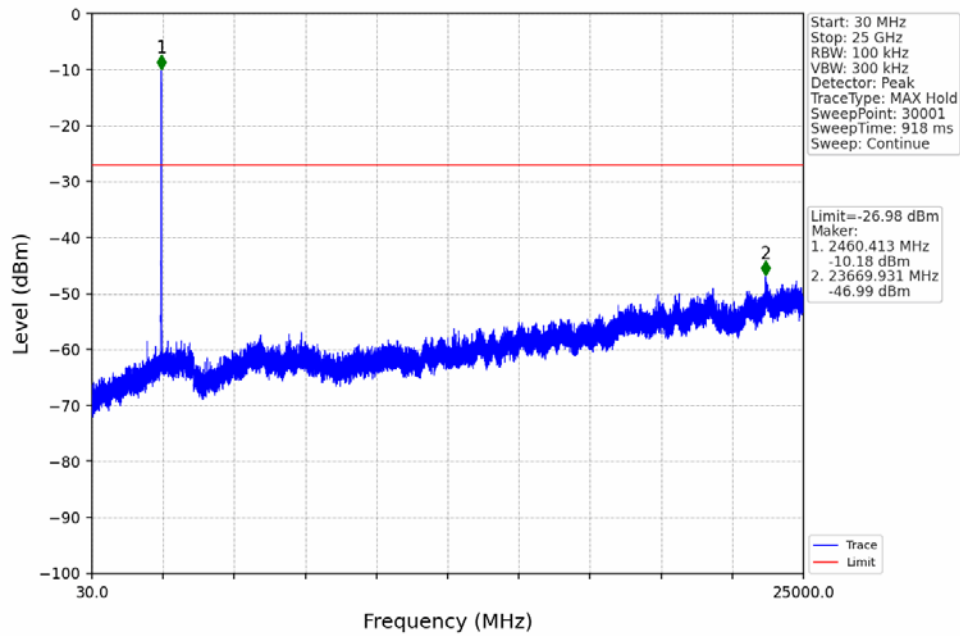
802.11ax(HEW20)\_MCH\_2437MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



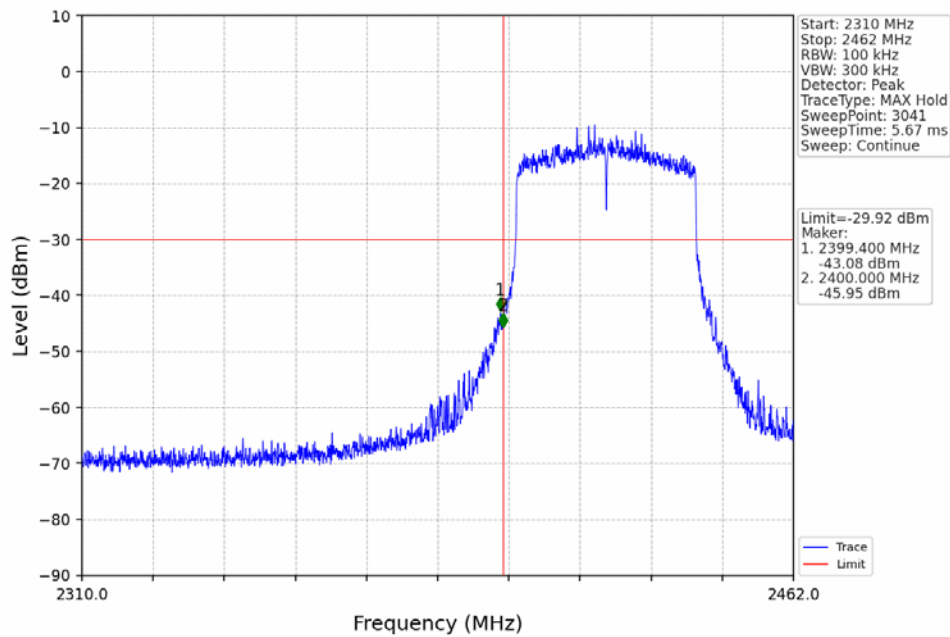
802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



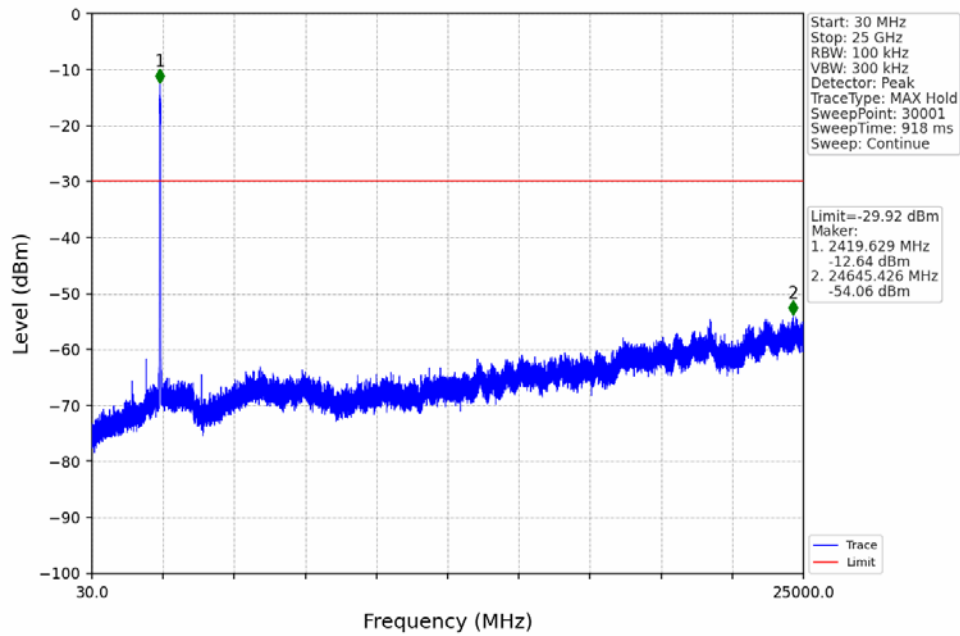
802.11ax(HEW20)\_HCH\_2462MHz\_RU242\_Left\_Ant1 (SISO)\_NTNV



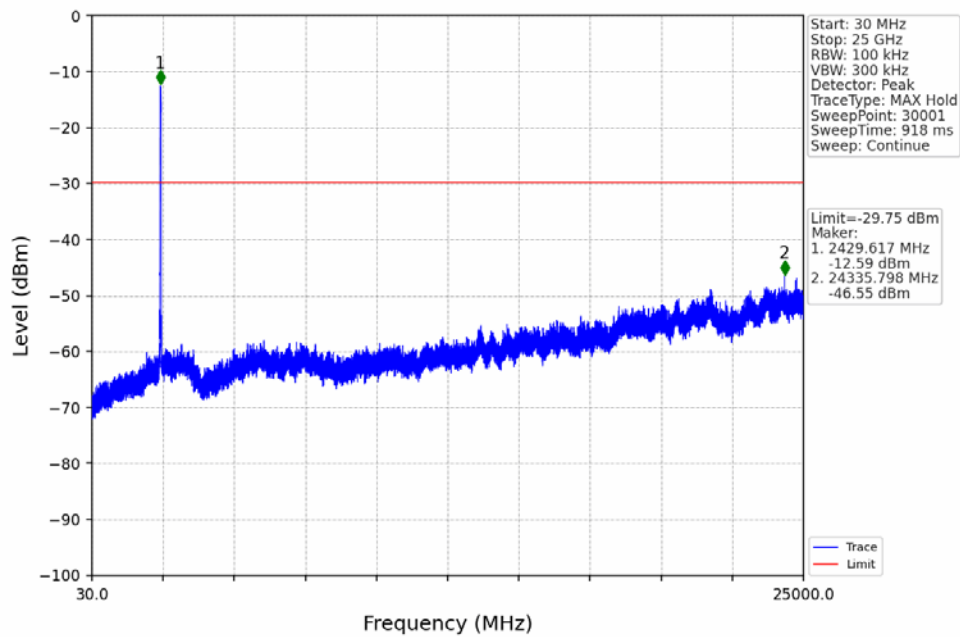
802.11ax(HEW40)\_LCH\_2422MHz\_RU484\_Left\_Ant1 (SISO)\_NTNV



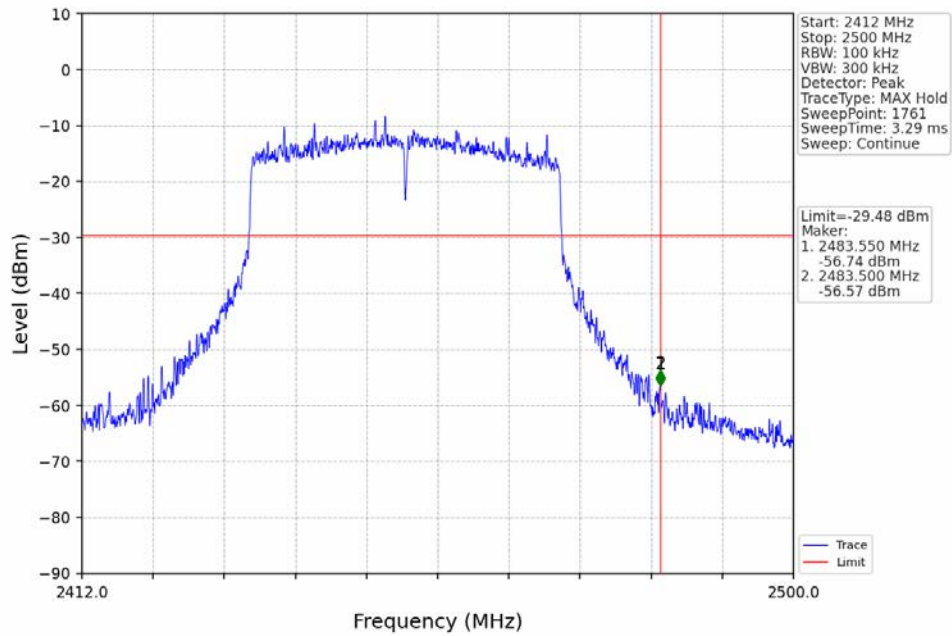
802.11ax(HEW40) LCH\_2422MHz\_RU484\_Left\_Ant1 (SISO) NTNv



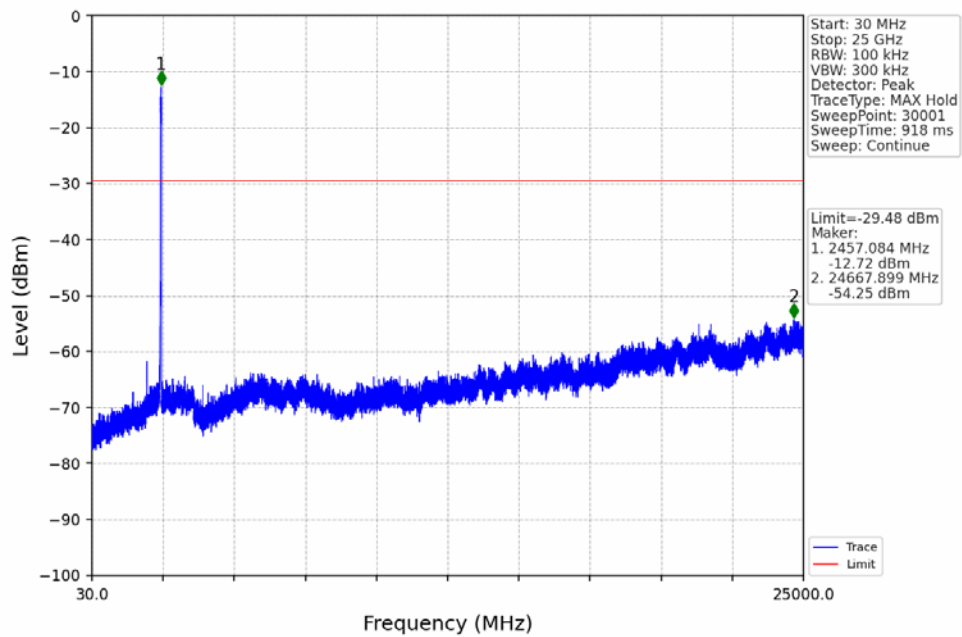
802.11ax(HEW40) MCH\_2437MHz\_RU484\_Left\_Ant1 (SISO) NTNv



802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant1(SISO)\_NTNV



802.11ax(HEW40)\_HCH\_2452MHz\_RU484\_Left\_Ant1(SISO)\_NTNV



## 6. Unwanted Emissions In Restricted Frequency Bands

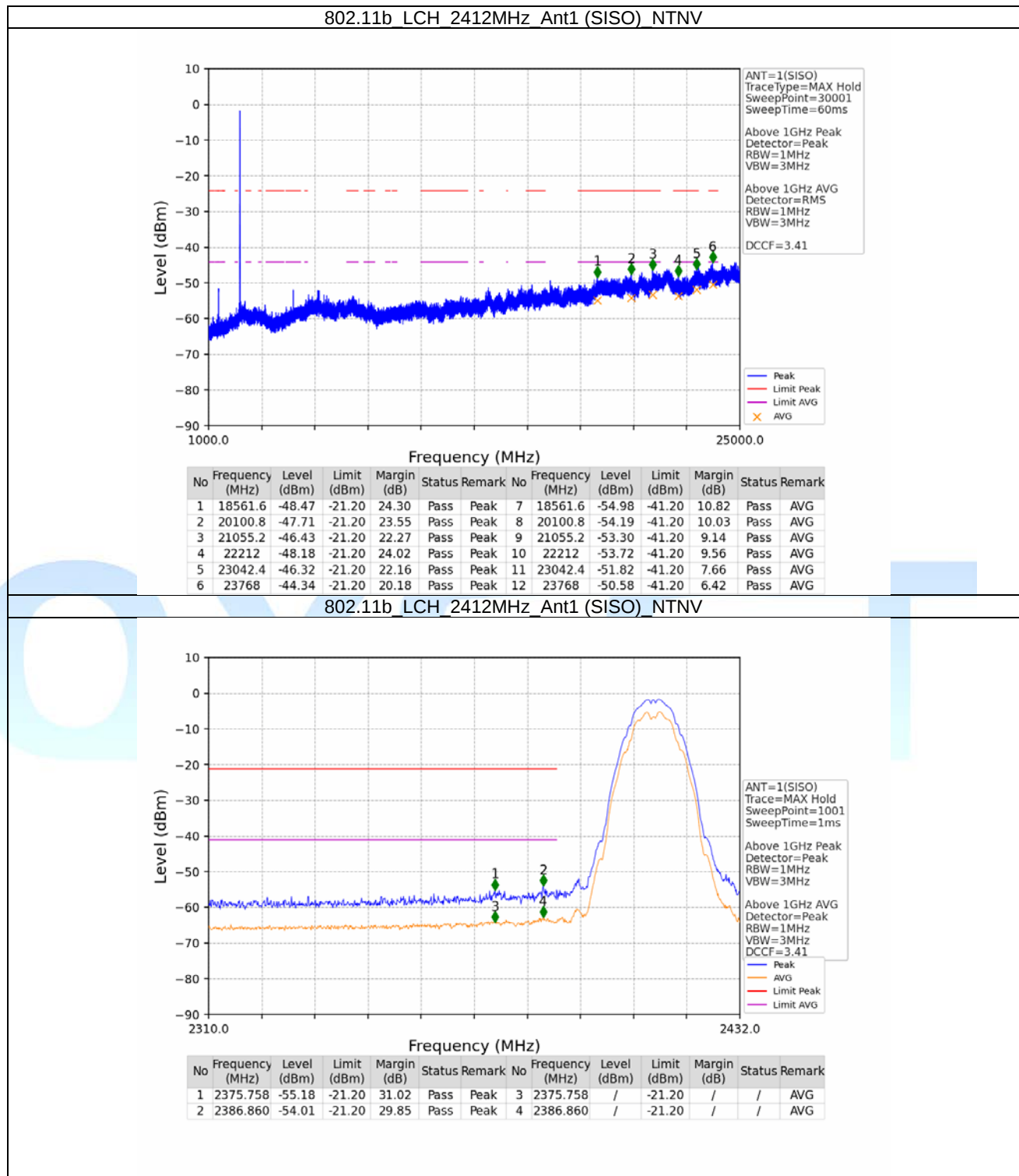
### 6.1 Test Result

#### 6.1.1 RSE

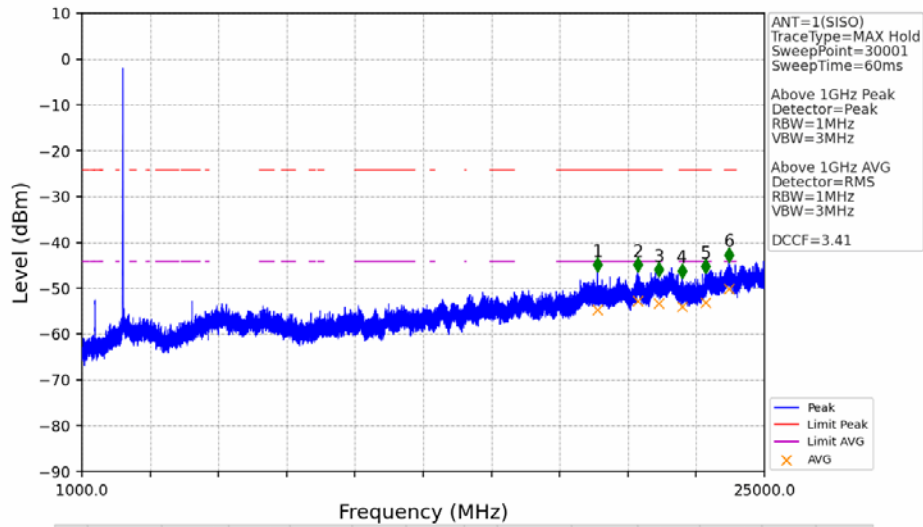
| Mode             | TX Type | Frequency (MHz) | RU    | RU Pos | ANT | Level of Unwanted Emissions (dBm) |       | Verdict |
|------------------|---------|-----------------|-------|--------|-----|-----------------------------------|-------|---------|
|                  |         |                 |       |        |     | Result                            | Limit |         |
| 802.11b          | SISO    | 2412            | /     | /      | 1   | Refer To Test Graph               |       | Pass    |
|                  |         | 2437            | /     | /      | 1   | Refer To Test Graph               |       | Pass    |
|                  |         | 2462            | /     | /      | 1   | Refer To Test Graph               |       | Pass    |
| 802.11g          | SISO    | 2412            | /     | /      | 1   | Refer To Test Graph               |       | Pass    |
|                  |         | 2437            | /     | /      | 1   | Refer To Test Graph               |       | Pass    |
|                  |         | 2462            | /     | /      | 1   | Refer To Test Graph               |       | Pass    |
| 802.11n (HT20)   | SISO    | 2412            | /     | /      | 1   | Refer To Test Graph               |       | Pass    |
|                  |         | 2437            | /     | /      | 1   | Refer To Test Graph               |       | Pass    |
|                  |         | 2462            | /     | /      | 1   | Refer To Test Graph               |       | Pass    |
| 802.11n (HT40)   | SISO    | 2422            | /     | /      | 1   | Refer To Test Graph               |       | Pass    |
|                  |         | 2437            | /     | /      | 1   | Refer To Test Graph               |       | Pass    |
|                  |         | 2452            | /     | /      | 1   | Refer To Test Graph               |       | Pass    |
| 802.11ax (HEW20) | SISO    | 2412            | RU242 | Left   | 1   | Refer To Test Graph               |       | Pass    |
|                  |         | 2437            | RU242 | Left   | 1   | Refer To Test Graph               |       | Pass    |
|                  |         | 2462            | RU242 | Left   | 1   | Refer To Test Graph               |       | Pass    |
| 802.11ax (HEW40) | SISO    | 2422            | RU484 | Left   | 1   | Refer To Test Graph               |       | Pass    |
|                  |         | 2437            | RU484 | Left   | 1   | Refer To Test Graph               |       | Pass    |
|                  |         | 2452            | RU484 | Left   | 1   | Refer To Test Graph               |       | Pass    |

## 6.2 Test Graph

### 6.2.1 RSE

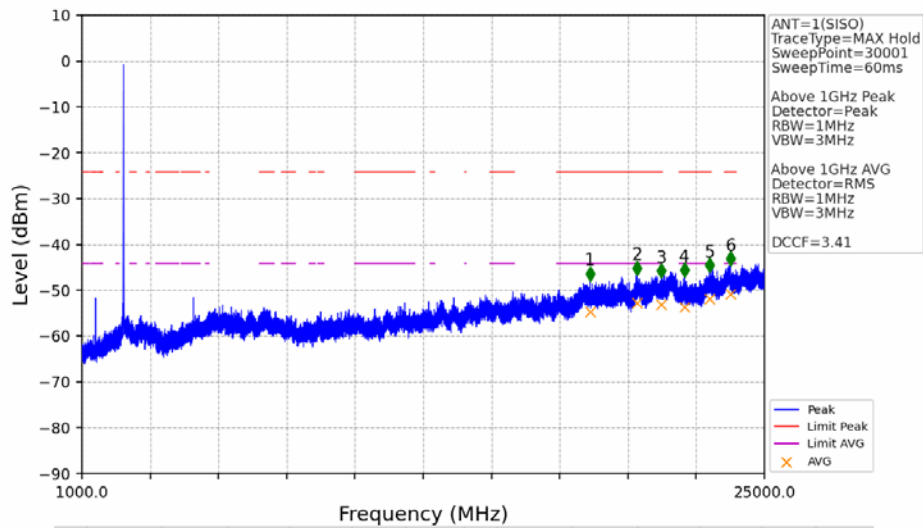


## 802.11b\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



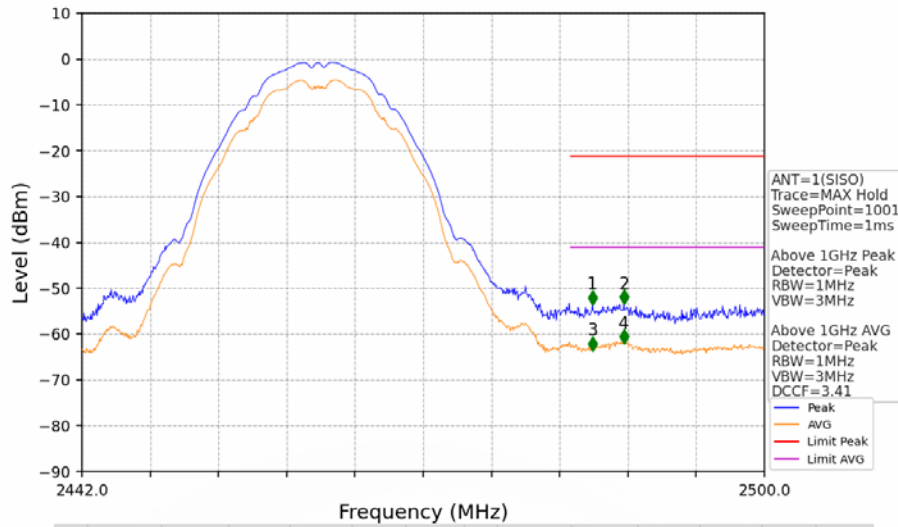
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark |
|----|-----------------|-------------|-------------|-------------|---------------|----|-----------------|-------------|-------------|-------------|---------------|
| 1  | 19131.2         | -46.40      | -21.20      | 22.24       | Pass Peak     | 7  | 19131.2         | -54.74      | -41.20      | 10.59       | Pass AVG      |
| 2  | 20536.8         | -46.49      | -21.20      | 22.33       | Pass Peak     | 8  | 20536.8         | -52.70      | -41.20      | 8.54        | Pass AVG      |
| 3  | 21271.2         | -47.46      | -21.20      | 23.30       | Pass Peak     | 9  | 21271.2         | -53.35      | -41.20      | 9.19        | Pass AVG      |
| 4  | 22108.8         | -47.76      | -21.20      | 23.60       | Pass Peak     | 10 | 22108.8         | -54.06      | -41.20      | 9.90        | Pass AVG      |
| 5  | 22918.4         | -46.79      | -21.20      | 22.63       | Pass Peak     | 11 | 22918.4         | -53.23      | -41.20      | 9.07        | Pass AVG      |
| 6  | 23744           | -44.26      | -21.20      | 20.10       | Pass Peak     | 12 | 23744           | -50.16      | -41.20      | 6.00        | Pass AVG      |

## 802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



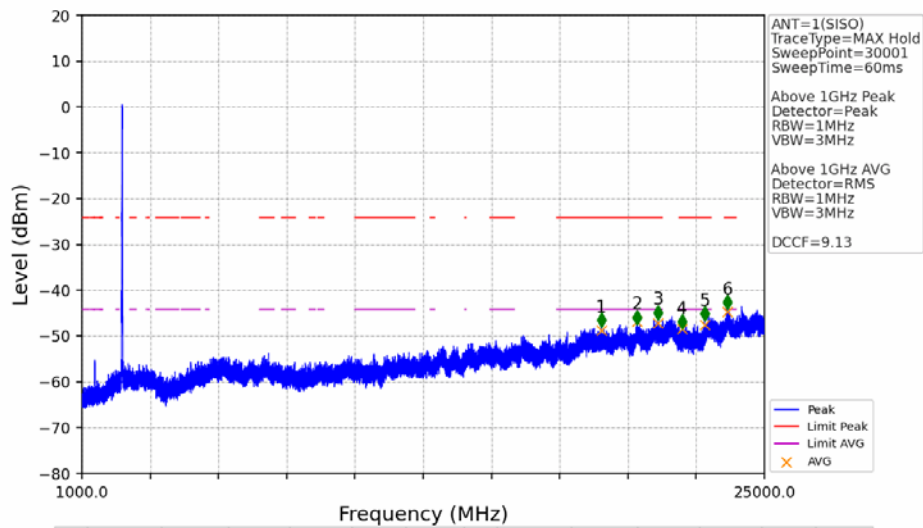
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark |
|----|-----------------|-------------|-------------|-------------|---------------|----|-----------------|-------------|-------------|-------------|---------------|
| 1  | 18864           | -47.97      | -21.20      | 23.81       | Pass Peak     | 7  | 18864           | -54.76      | -41.20      | 10.60       | Pass AVG      |
| 2  | 20520.8         | -46.72      | -21.20      | 22.56       | Pass Peak     | 8  | 20520.8         | -52.84      | -41.20      | 8.68        | Pass AVG      |
| 3  | 21380           | -47.30      | -21.20      | 23.14       | Pass Peak     | 9  | 21380           | -53.15      | -41.20      | 8.99        | Pass AVG      |
| 4  | 22186.4         | -47.09      | -21.20      | 22.93       | Pass Peak     | 10 | 22186.4         | -53.73      | -41.20      | 9.57        | Pass AVG      |
| 5  | 23061.6         | -46.10      | -21.20      | 21.95       | Pass Peak     | 11 | 23061.6         | -51.83      | -41.20      | 7.67        | Pass AVG      |
| 6  | 23802.4         | -44.72      | -21.20      | 20.56       | Pass Peak     | 12 | 23802.4         | -50.89      | -41.20      | 6.73        | Pass AVG      |

802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



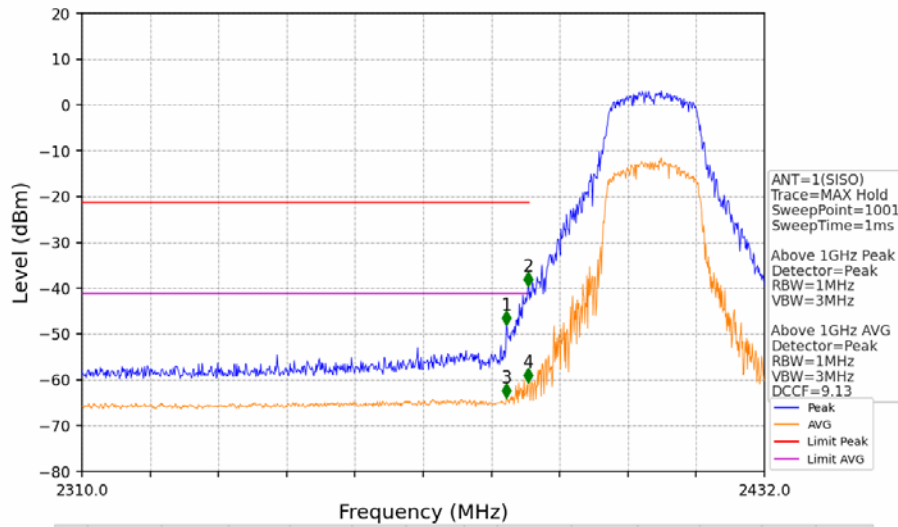
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 2485.384        | -53.59      | -21.20      | 29.43       | Pass   | Peak   | 3  | 2485.384        | /           | -21.20      | /           | /      | AVG    |
| 2  | 2488.052        | -53.47      | -21.20      | 29.31       | Pass   | Peak   | 4  | 2488.052        | /           | -21.20      | /           | /      | AVG    |

802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV

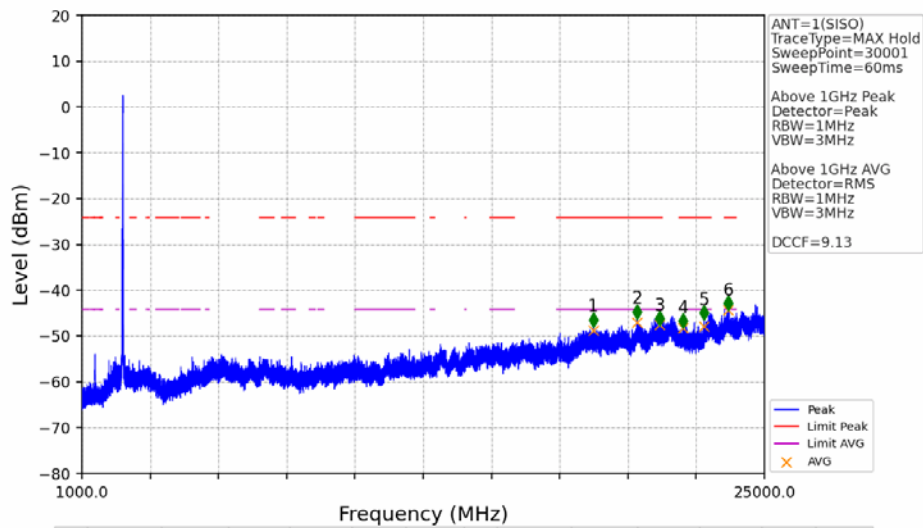


| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 19261.6         | -48.13      | -21.20      | 23.97       | Pass   | Peak   | 7  | 19261.6         | -48.78      | -41.20      | 4.62        | Pass   | AVG    |
| 2  | 20520           | -47.47      | -21.20      | 23.31       | Pass   | Peak   | 8  | 20520           | -46.88      | -41.20      | 2.72        | Pass   | AVG    |
| 3  | 21268.8         | -46.41      | -21.20      | 22.25       | Pass   | Peak   | 9  | 21268.8         | -47.22      | -41.20      | 3.06        | Pass   | AVG    |
| 4  | 22102.4         | -48.48      | -21.20      | 24.32       | Pass   | Peak   | 10 | 22102.4         | -48.45      | -41.20      | 4.29        | Pass   | AVG    |
| 5  | 22892.8         | -46.63      | -21.20      | 22.47       | Pass   | Peak   | 11 | 22892.8         | -47.56      | -41.20      | 3.40        | Pass   | AVG    |
| 6  | 23689.6         | -44.15      | -21.20      | 19.99       | Pass   | Peak   | 12 | 23689.6         | -44.73      | -41.20      | 0.57        | Pass   | AVG    |

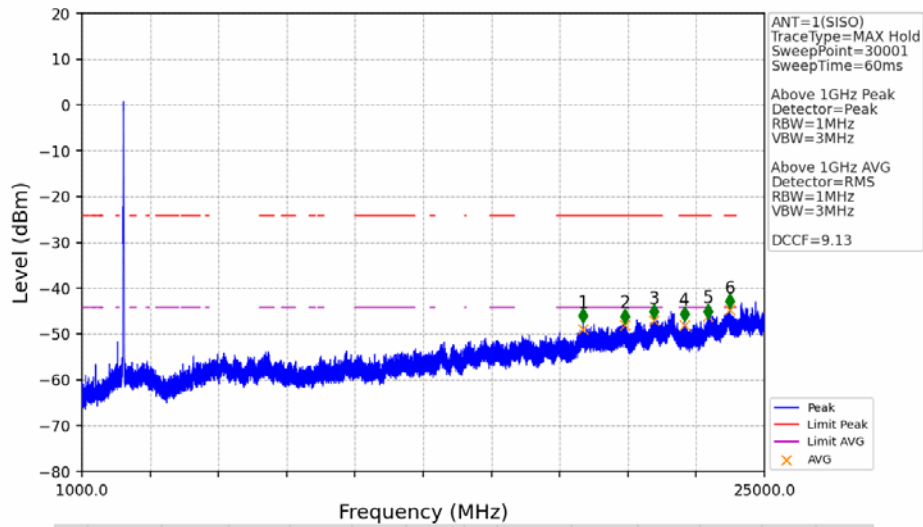
## 802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



## 802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV

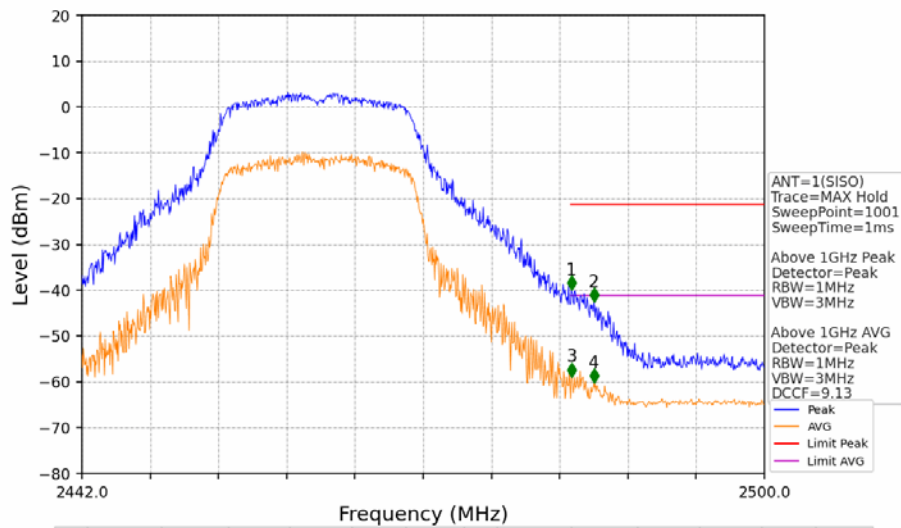


## 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



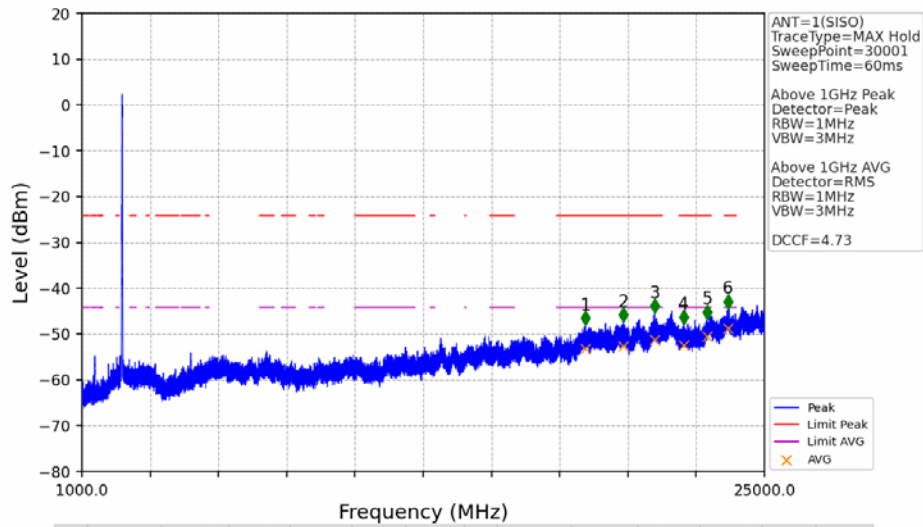
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark |
|----|-----------------|-------------|-------------|-------------|---------------|----|-----------------|-------------|-------------|-------------|---------------|
| 1  | 18628           | -47.54      | -21.20      | 23.38       | Pass Peak     | 7  | 18628           | -49.00      | -41.20      | 4.84        | Pass AVG      |
| 2  | 20100           | -47.64      | -21.20      | 23.48       | Pass Peak     | 8  | 20100           | -48.07      | -41.20      | 3.91        | Pass AVG      |
| 3  | 21118.4         | -46.70      | -21.20      | 22.54       | Pass Peak     | 9  | 21118.4         | -46.94      | -41.20      | 2.78        | Pass AVG      |
| 4  | 22177.6         | -47.13      | -21.20      | 22.97       | Pass Peak     | 10 | 22177.6         | -48.02      | -41.20      | 3.86        | Pass AVG      |
| 5  | 23001.6         | -46.60      | -21.20      | 22.44       | Pass Peak     | 11 | 23001.6         | -46.21      | -41.20      | 2.05        | Pass AVG      |
| 6  | 23773.6         | -44.33      | -21.20      | 20.17       | Pass Peak     | 12 | 23773.6         | -44.80      | -41.20      | 0.64        | Pass AVG      |

## 802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



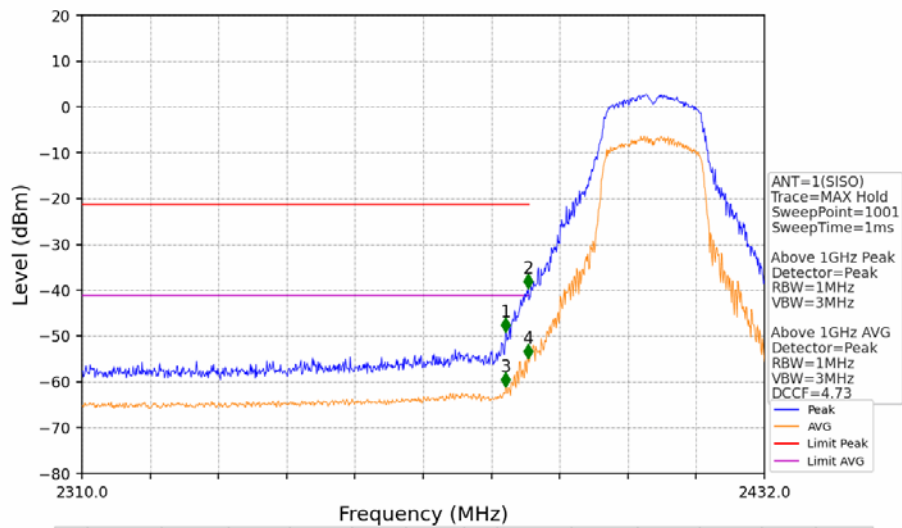
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status Remark |
|----|-----------------|-------------|-------------|-------------|---------------|----|-----------------|-------------|-------------|-------------|---------------|
| 1  | 2483.586        | -39.96      | -21.20      | 15.80       | Pass Peak     | 3  | 2483.586        | /           | -21.20      | /           | / AVG         |
| 2  | 2485.500        | -42.69      | -21.20      | 18.53       | Pass Peak     | 4  | 2485.500        | /           | -21.20      | /           | / AVG         |

## 802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



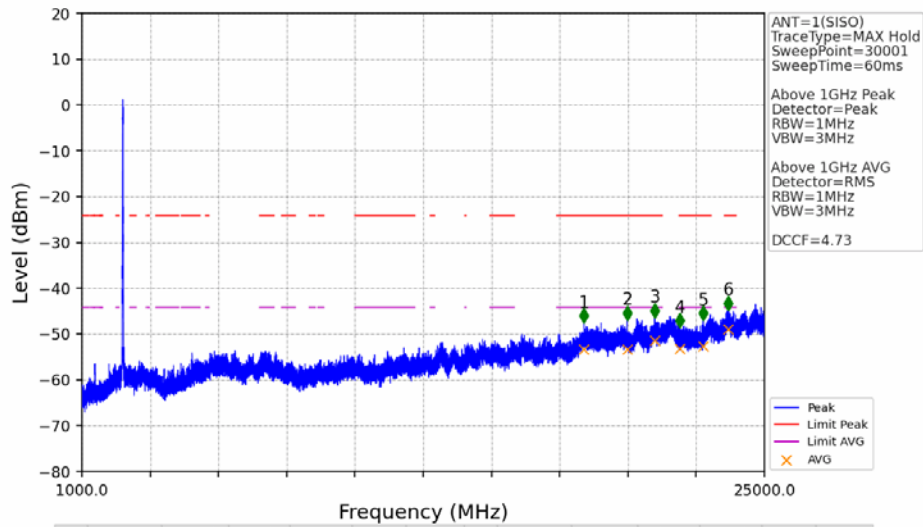
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 18709.6         | -48.03      | -21.20      | 23.87       | Pass   | Peak   | 7  | 18709.6         | -53.17      | -41.20      | 9.01        | Pass   | AVG    |
| 2  | 20042.4         | -47.37      | -21.20      | 23.21       | Pass   | Peak   | 8  | 20042.4         | -52.66      | -41.20      | 8.49        | Pass   | AVG    |
| 3  | 21148.8         | -45.44      | -21.20      | 21.28       | Pass   | Peak   | 9  | 21148.8         | -51.30      | -41.20      | 7.14        | Pass   | AVG    |
| 4  | 22149.6         | -47.96      | -21.20      | 23.80       | Pass   | Peak   | 10 | 22149.6         | -52.42      | -41.20      | 8.26        | Pass   | AVG    |
| 5  | 22983.2         | -46.76      | -21.20      | 22.60       | Pass   | Peak   | 11 | 22983.2         | -50.48      | -41.20      | 6.32        | Pass   | AVG    |
| 6  | 23712.8         | -44.48      | -21.20      | 20.32       | Pass   | Peak   | 12 | 23712.8         | -48.80      | -41.20      | 4.64        | Pass   | AVG    |

## 802.11n(HT20)\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



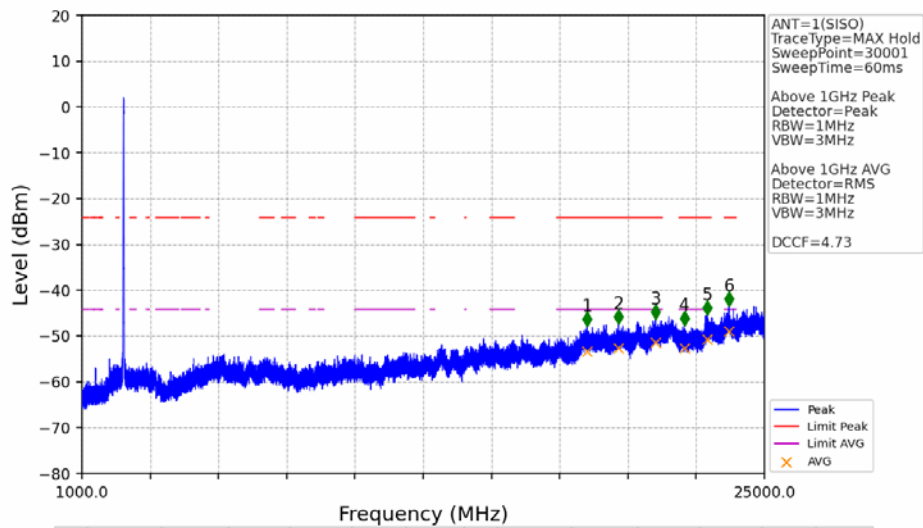
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 2385.762        | -49.11      | -21.20      | 24.95       | Pass   | Peak   | 3  | 2385.762        | /           | -21.20      | /           | /      | AVG    |
| 2  | 2389.788        | -39.63      | -21.20      | 15.47       | Pass   | Peak   | 4  | 2389.788        | /           | -21.20      | /           | /      | AVG    |

## 802.11n(HT20)\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



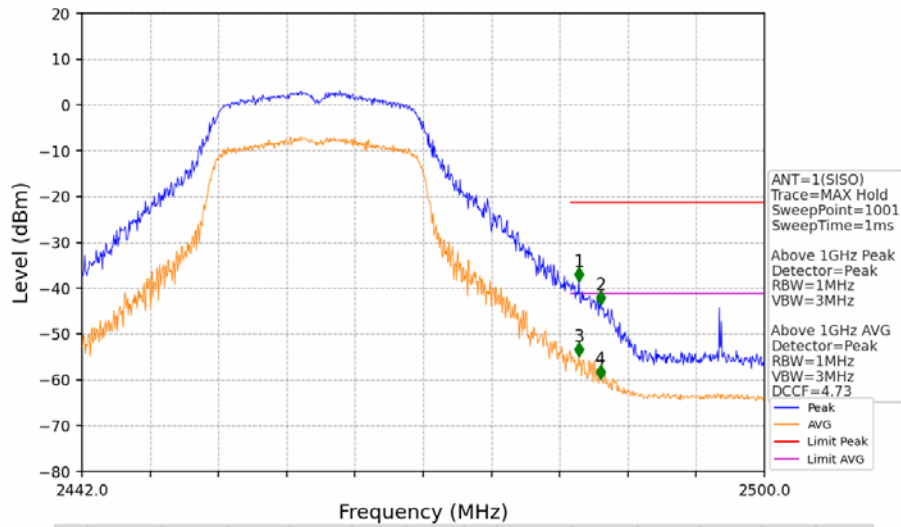
| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 18657.6         | -47.62      | -21.20      | 23.46       | Pass   | Peak   | 7  | 18657.6         | -53.44      | -41.20      | 9.28        | Pass   | AVG    |
| 2  | 20168           | -46.94      | -21.20      | 22.78       | Pass   | Peak   | 8  | 20168           | -53.34      | -41.20      | 9.18        | Pass   | AVG    |
| 3  | 21141.6         | -46.42      | -21.20      | 22.26       | Pass   | Peak   | 9  | 21141.6         | -51.47      | -41.20      | 7.30        | Pass   | AVG    |
| 4  | 22028.8         | -48.58      | -21.20      | 24.42       | Pass   | Peak   | 10 | 22028.8         | -53.15      | -41.20      | 8.99        | Pass   | AVG    |
| 5  | 22848.8         | -47.06      | -21.20      | 22.90       | Pass   | Peak   | 11 | 22848.8         | -52.66      | -41.20      | 8.50        | Pass   | AVG    |
| 6  | 23736           | -44.83      | -21.20      | 20.66       | Pass   | Peak   | 12 | 23736           | -48.98      | -41.20      | 4.83        | Pass   | AVG    |

## 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



| No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark | No | Frequency (MHz) | Level (dBm) | Limit (dBm) | Margin (dB) | Status | Remark |
|----|-----------------|-------------|-------------|-------------|--------|--------|----|-----------------|-------------|-------------|-------------|--------|--------|
| 1  | 18761.6         | -47.91      | -21.20      | 23.75       | Pass   | Peak   | 7  | 18761.6         | -53.39      | -41.20      | 9.23        | Pass   | AVG    |
| 2  | 19868           | -47.33      | -21.20      | 23.17       | Pass   | Peak   | 8  | 19868           | -52.65      | -41.20      | 8.49        | Pass   | AVG    |
| 3  | 21169.6         | -46.28      | -21.20      | 22.12       | Pass   | Peak   | 9  | 21169.6         | -51.43      | -41.20      | 7.27        | Pass   | AVG    |
| 4  | 22177.6         | -47.74      | -21.20      | 23.58       | Pass   | Peak   | 10 | 22177.6         | -52.61      | -41.20      | 8.45        | Pass   | AVG    |
| 5  | 22985.6         | -45.47      | -21.20      | 21.31       | Pass   | Peak   | 11 | 22985.6         | -50.67      | -41.20      | 6.51        | Pass   | AVG    |
| 6  | 23754.4         | -43.52      | -21.20      | 19.36       | Pass   | Peak   | 12 | 23754.4         | -48.89      | -41.20      | 4.73        | Pass   | AVG    |

## 802.11n(HT20)\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



## 802.11n(HT40)\_LCH\_2422MHz\_Ant1 (SISO)\_NTNV

