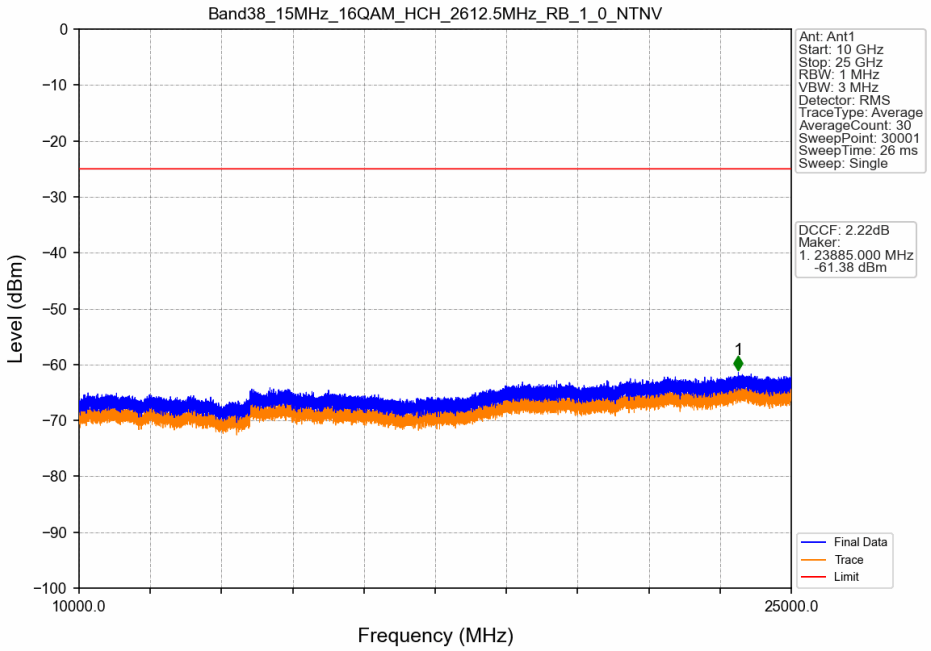
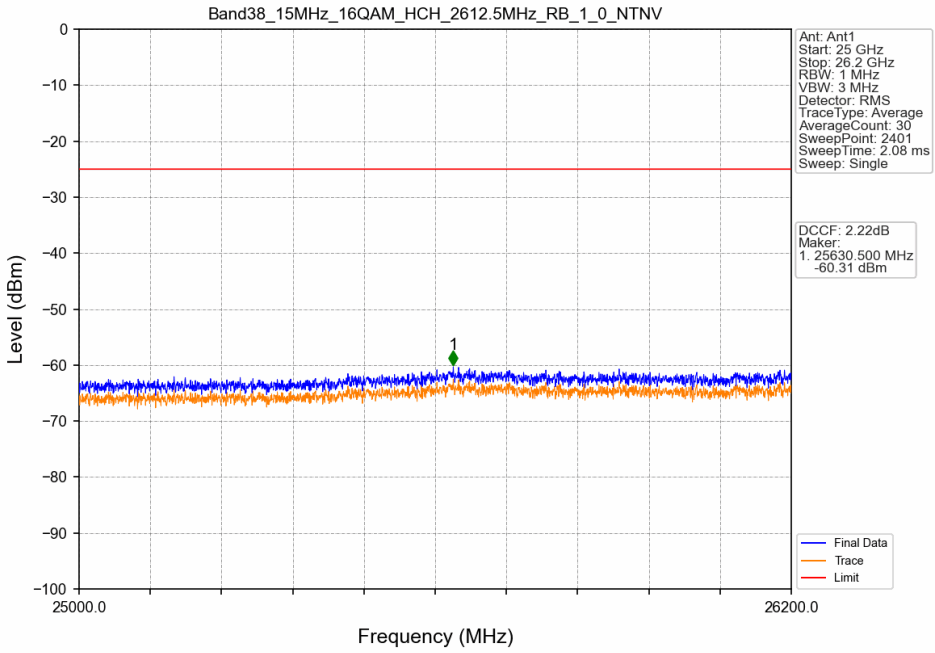
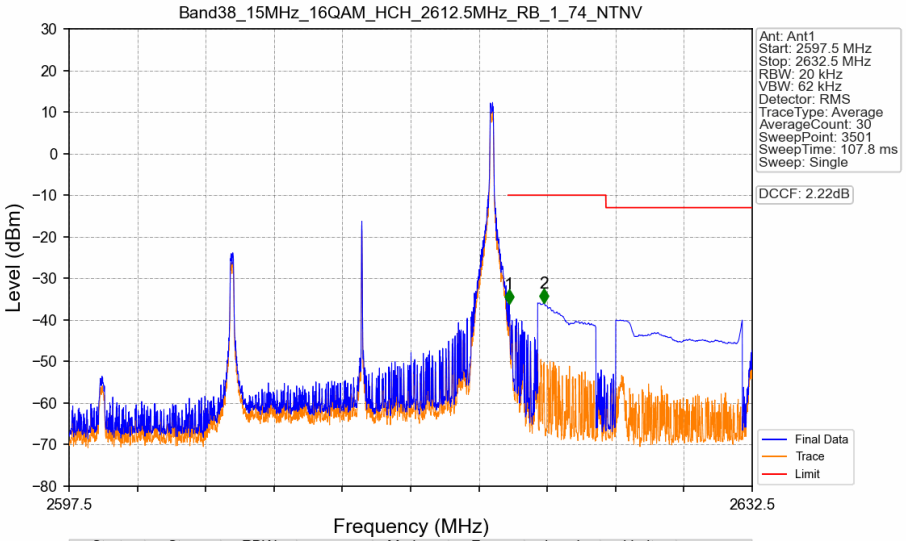
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV




Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV

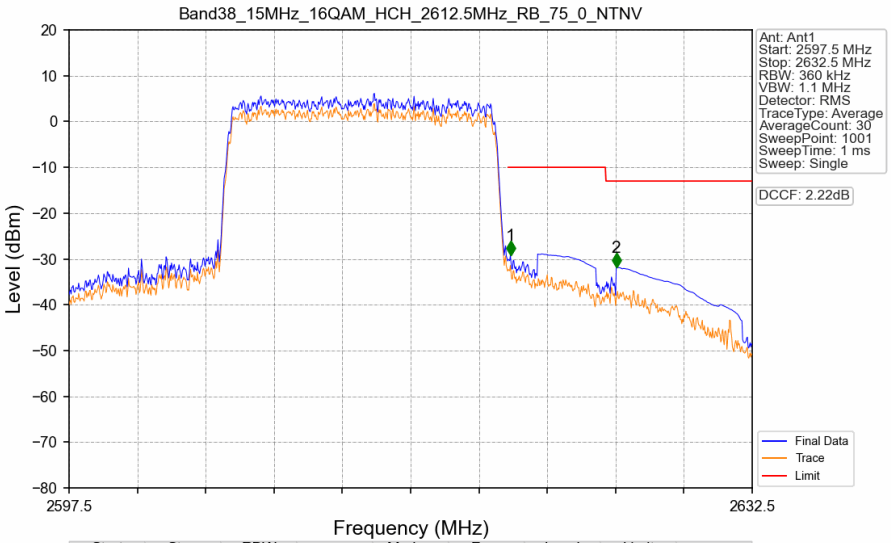


## Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_74_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2597.5 | 2620 | 0.02 | / | / | / | / | / | / |
| 2620 | 2621 | 0.02 | / | 1 | 2620.040 | -36.20 | -10 | Pass |
| 2621 | 2632.5 | 1 | CHP | 2 | 2621.840 | -35.90 | -10 | Pass |

## Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2597.5 | 2620 | 0.36 | / | / | / | / | / | / |
| 2620 | 2621 | 0.36 | / | 1 | 2620.110 | -29.22 | -10 | Pass |
| 2621 | 2632.5 | 1 | CHP | 2 | 2625.535 | -31.83 | -13 | Pass |

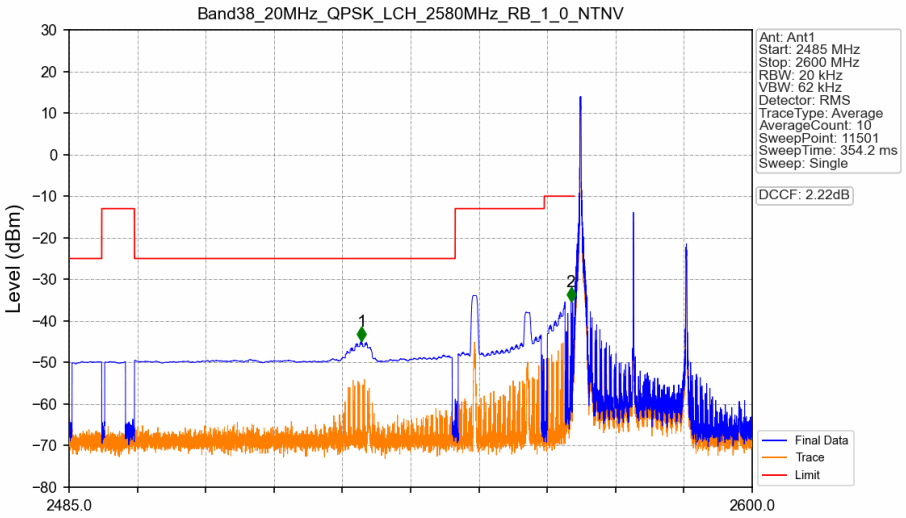
## 2.4 B38_20MHz

### 2.4.1 Test Result

| Band: 38 / Bandwidth: 20MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 2580 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass |
| | 2595 | 1 | 0 | Refer To Test Graph | | Pass |
| | 2610 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 99 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 2580 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass |
| | 2595 | 1 | 0 | Refer To Test Graph | | Pass |
| | 2610 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 99 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass |

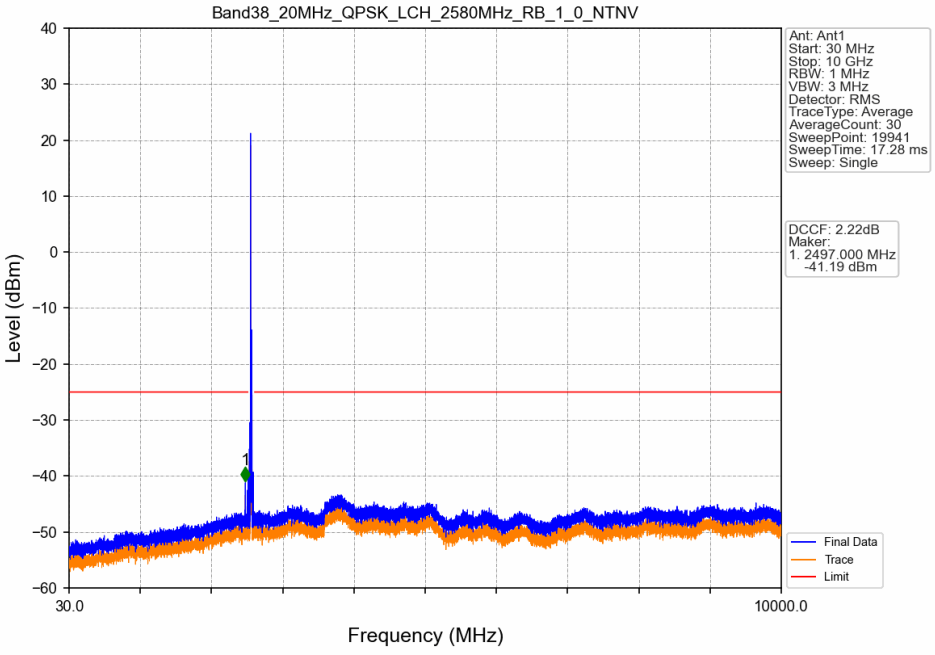
## 2.4.2 Test Graph

Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

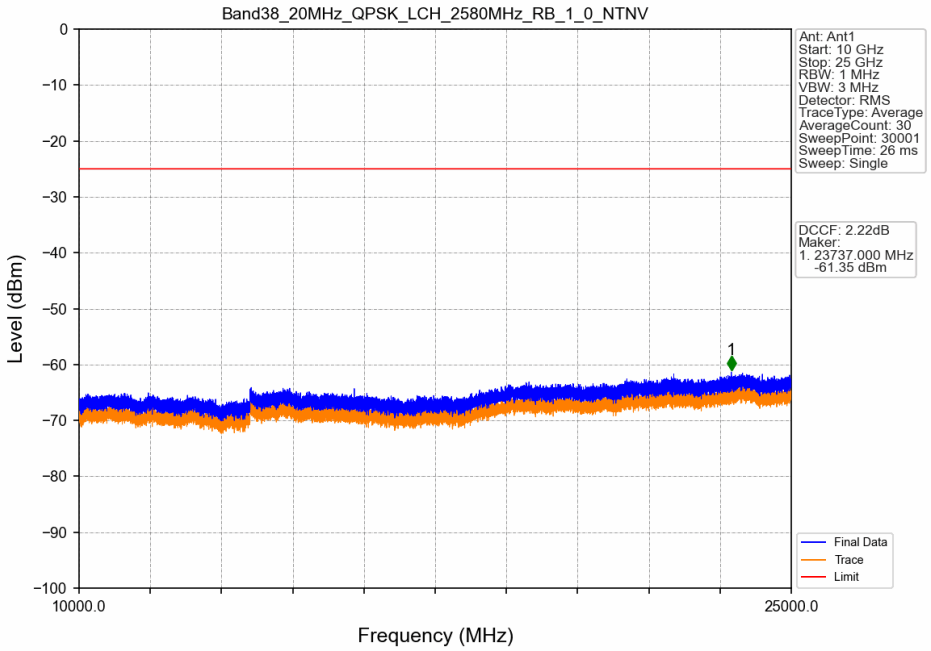



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2569 | 1 | CHP | 1 | 2534.260 | -44.93 | -25 | Pass |
| 2569 | 2570 | 0.02 | / | 2 | 2569.500 | -35.46 | -10 | Pass |
| 2570 | 2600 | 0.02 | / | / | / | / | / | / |

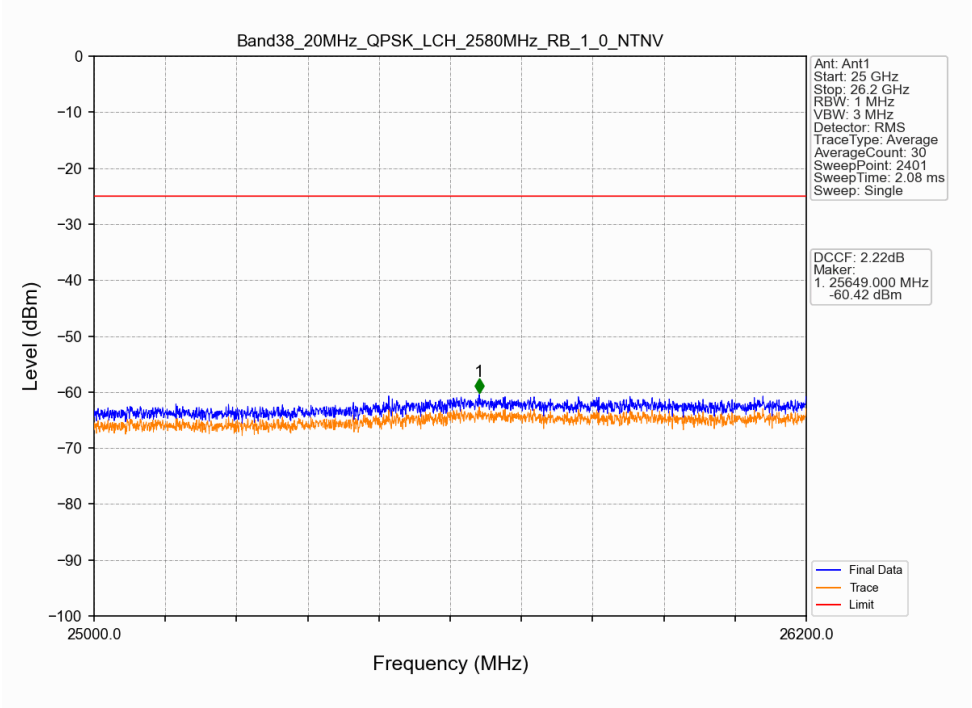
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



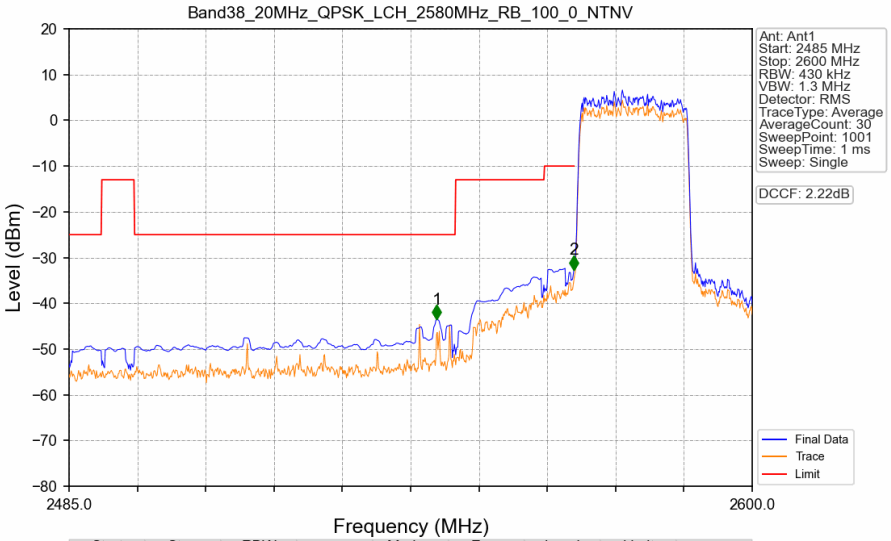
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV




Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

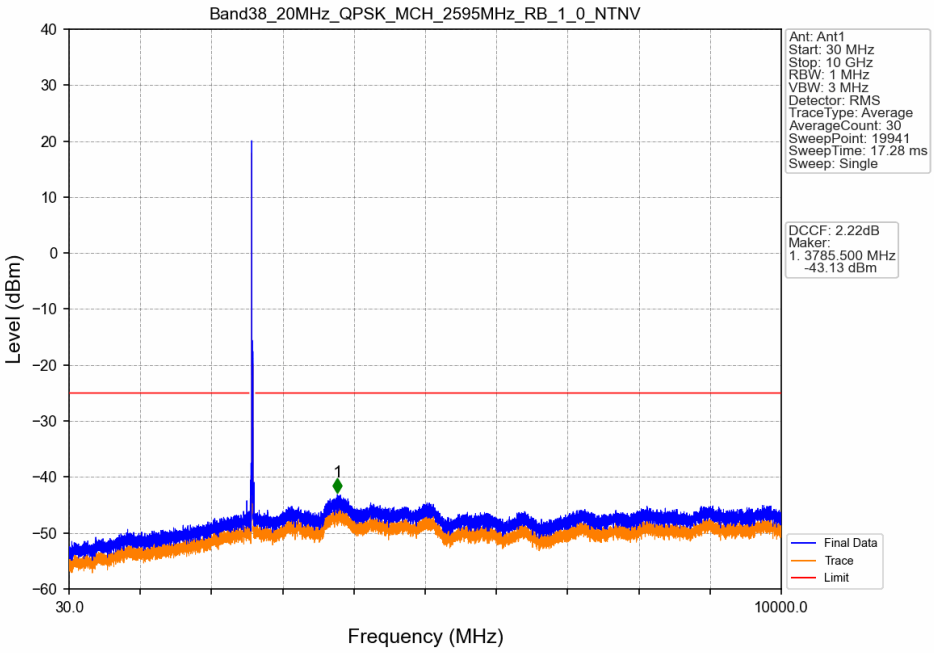


## Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV

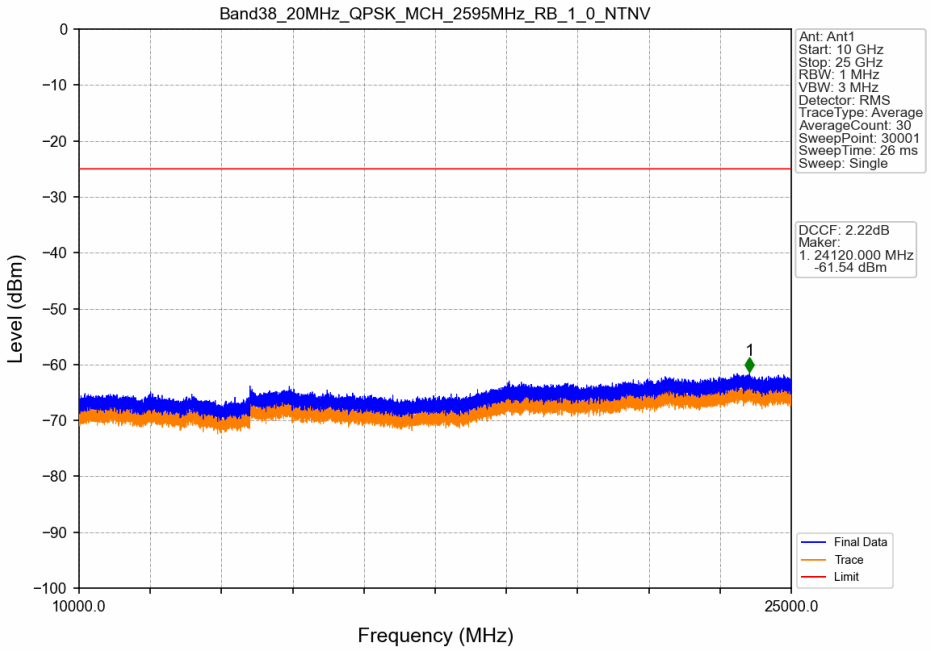



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2569 | 1 | CHP | 1 | 2546.870 | -43.57 | -25 | Pass |
| 2569 | 2570 | 0.43 | / | 2 | 2569.985 | -32.67 | -10 | Pass |
| 2570 | 2600 | 0.43 | / | / | / | / | / | / |

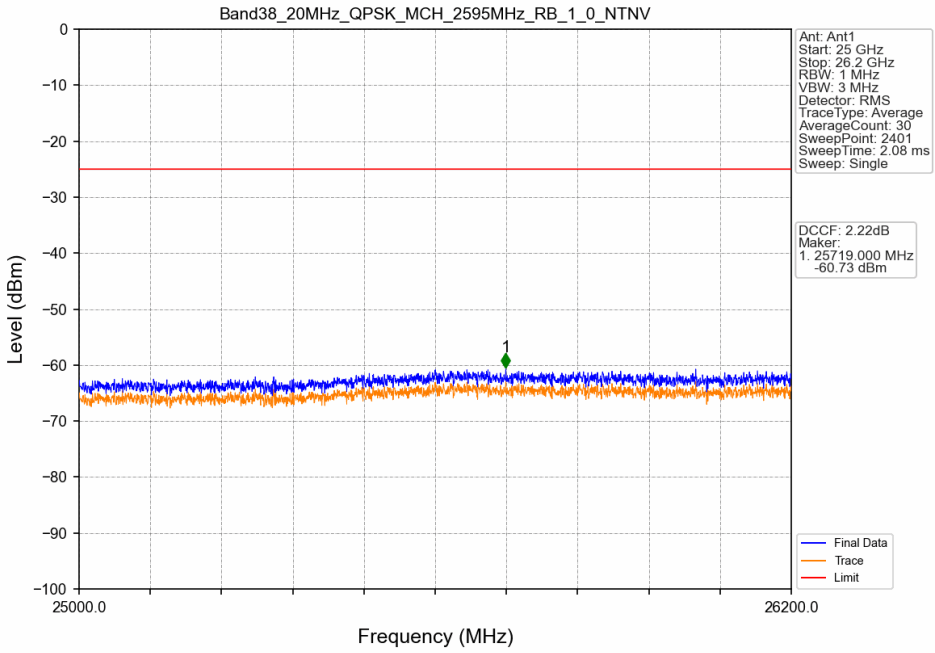
## Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



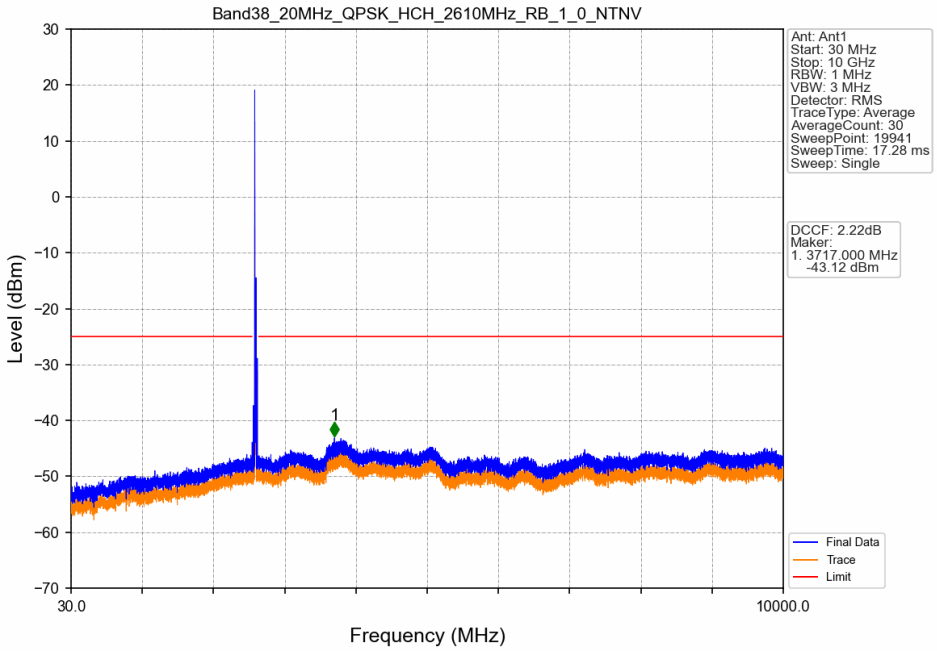
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



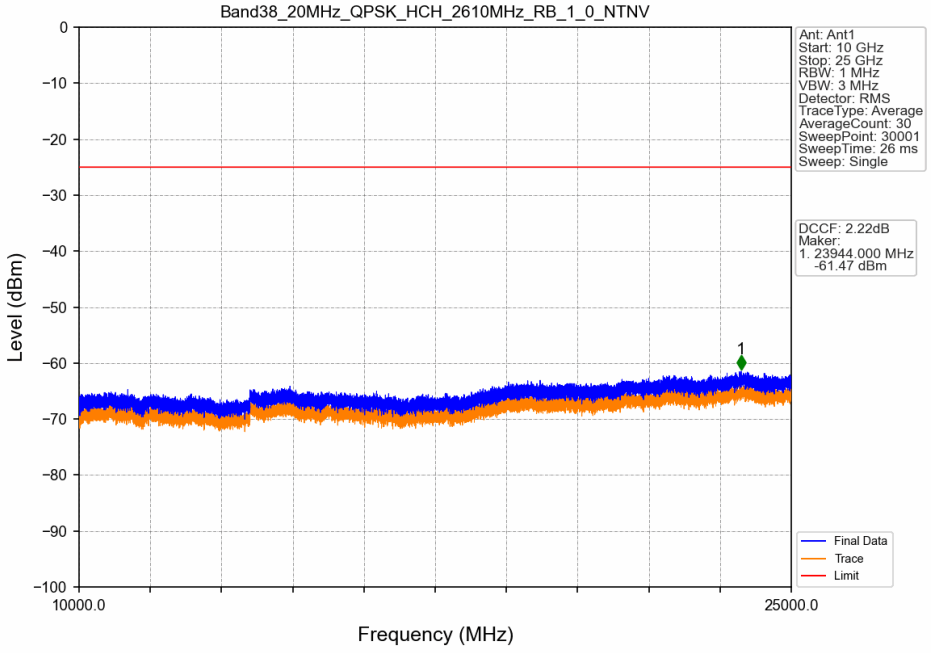

Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



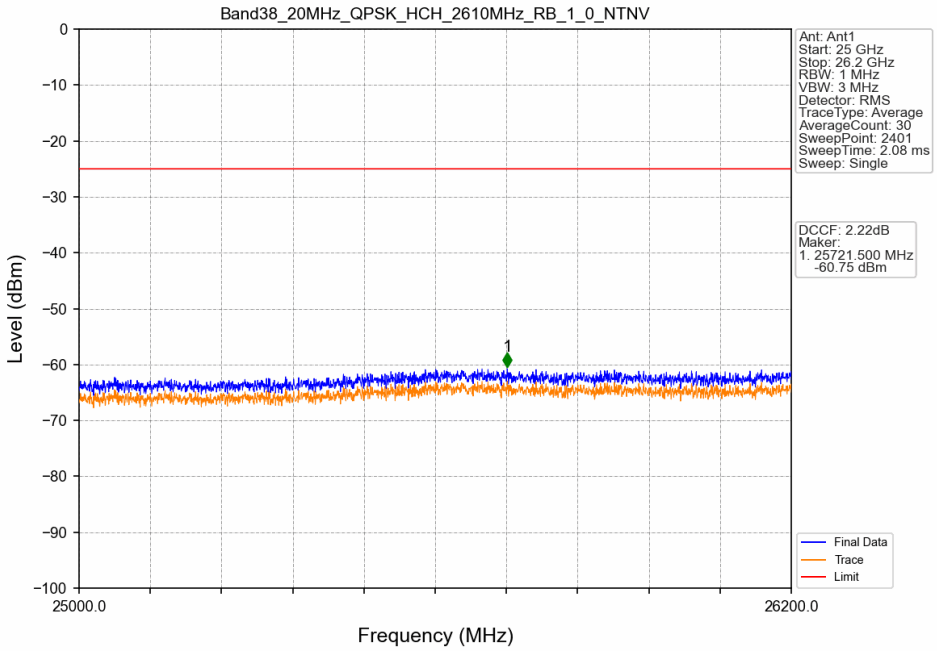
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



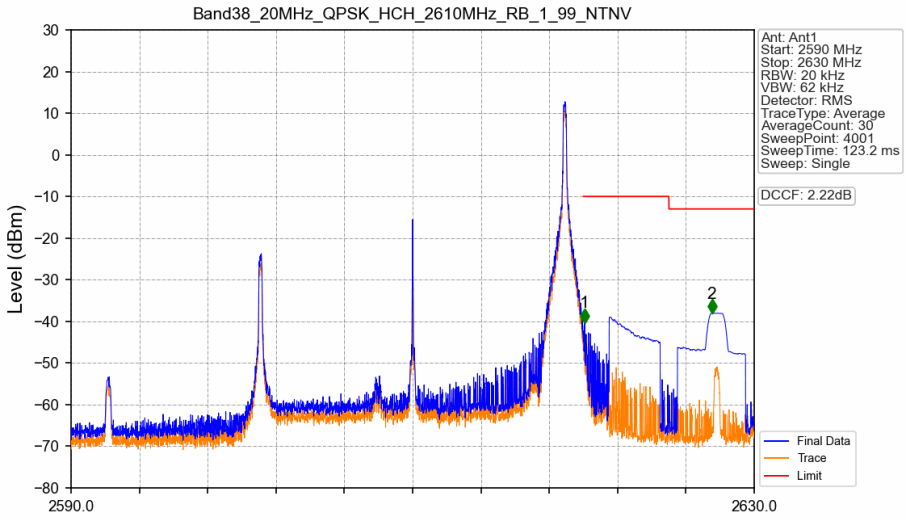

Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



## Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV

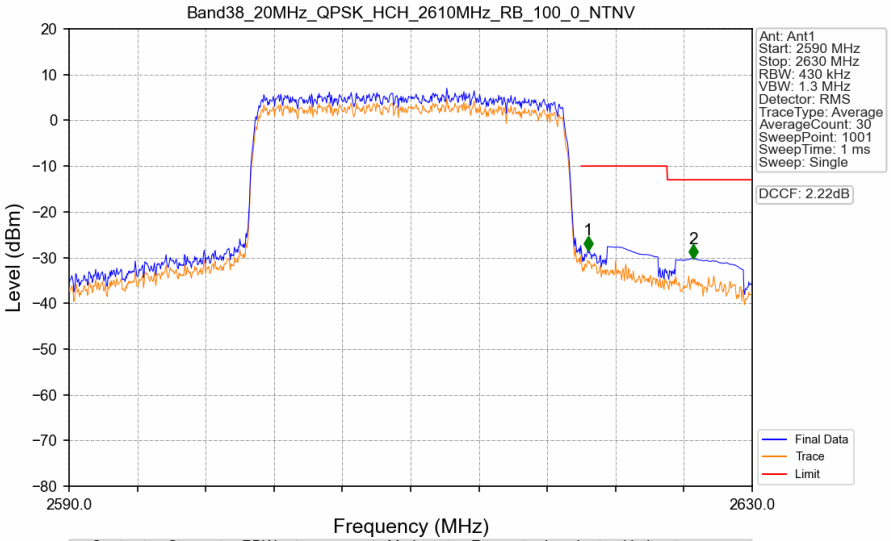



## Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



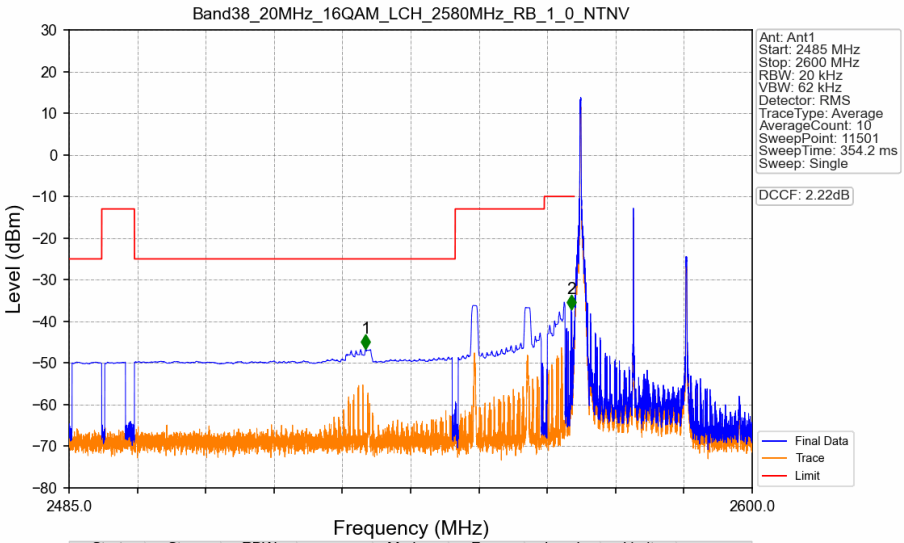

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2590 | 2620 | 0.02 | / | / | / | / | / | / |
| 2620 | 2621 | 0.02 | / | 1 | 2620.070 | -40.34 | -10 | Pass |
| 2621 | 2630 | 1 | CHP | 2 | 2627.520 | -38.04 | -13 | Pass |

## Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



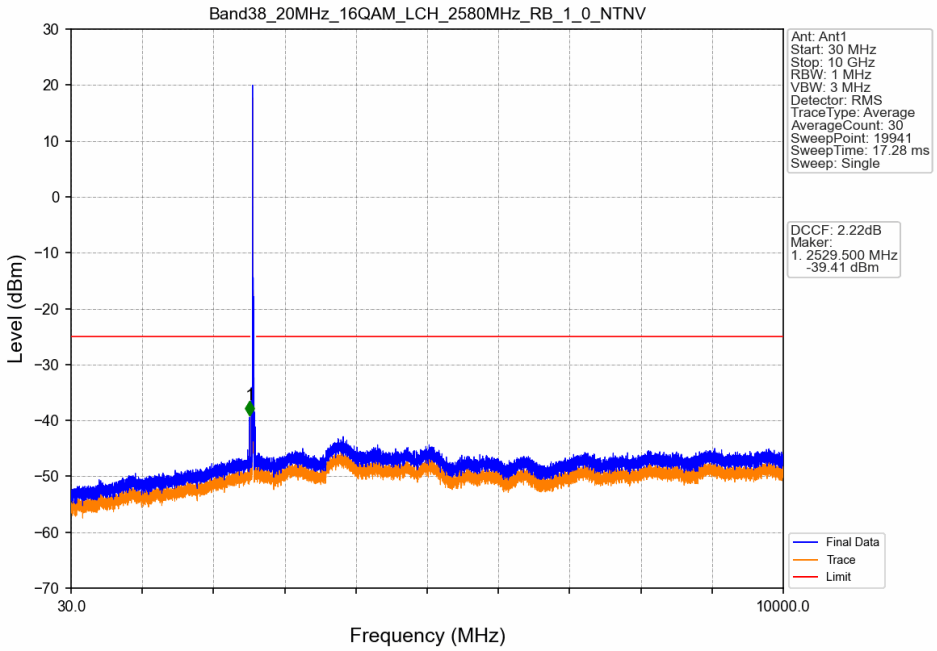

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2590 | 2620 | 0.43 | / | / | / | / | / | / |
| 2620 | 2621 | 0.43 | / | 1 | 2620.400 | -28.44 | -10 | Pass |
| 2621 | 2630 | 1 | CHP | 2 | 2626.560 | -30.21 | -13 | Pass |

## Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV

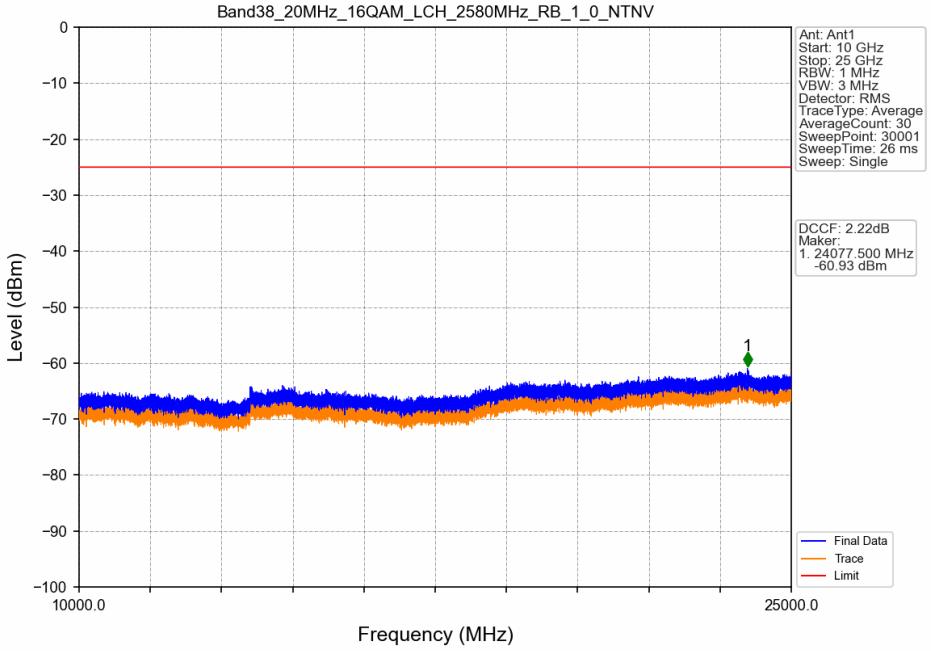



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2569 | 1 | CHP | 1 | 2534.940 | -46.56 | -25 | Pass |
| 2569 | 2570 | 0.02 | / | 2 | 2569.530 | -37.03 | -10 | Pass |
| 2570 | 2600 | 0.02 | / | / | / | / | / | / |

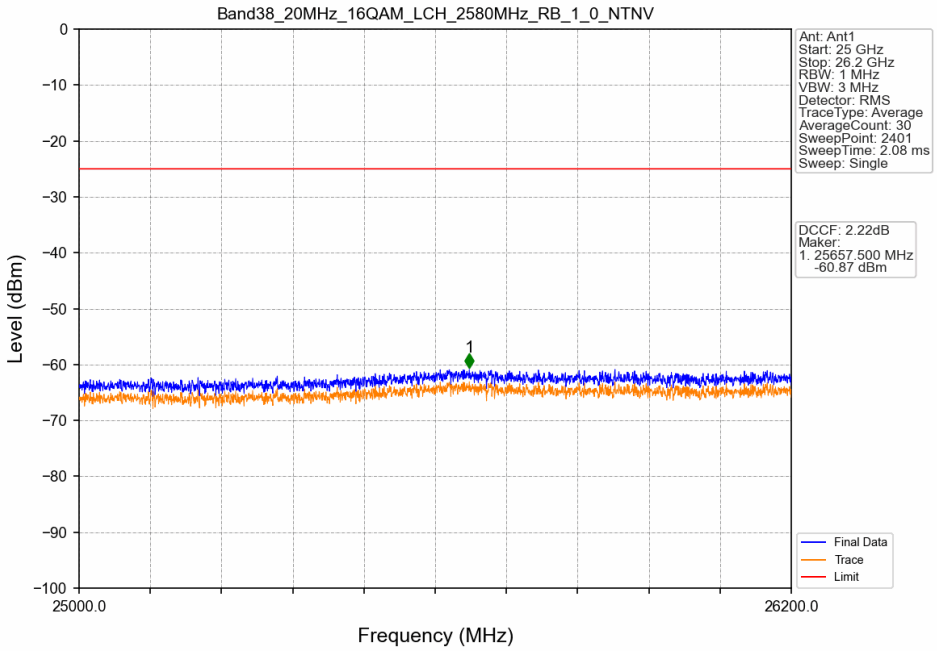
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



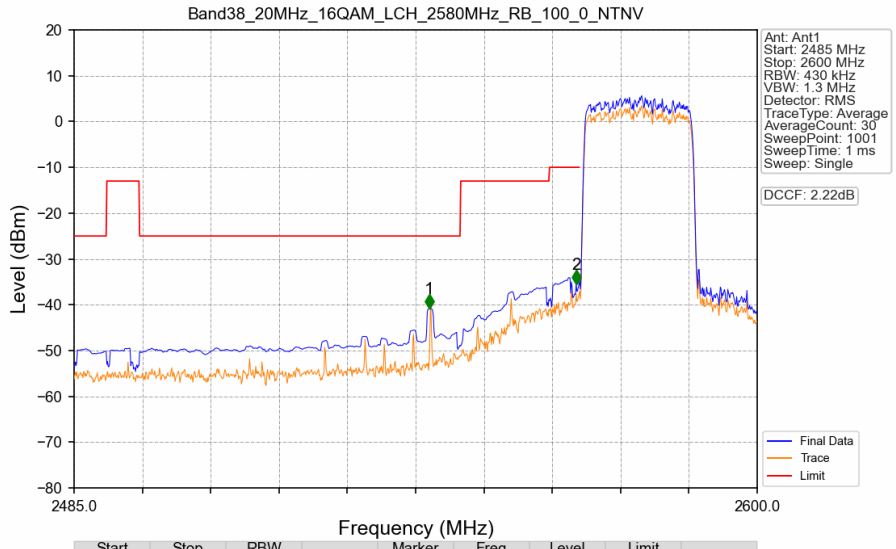

Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



## Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV

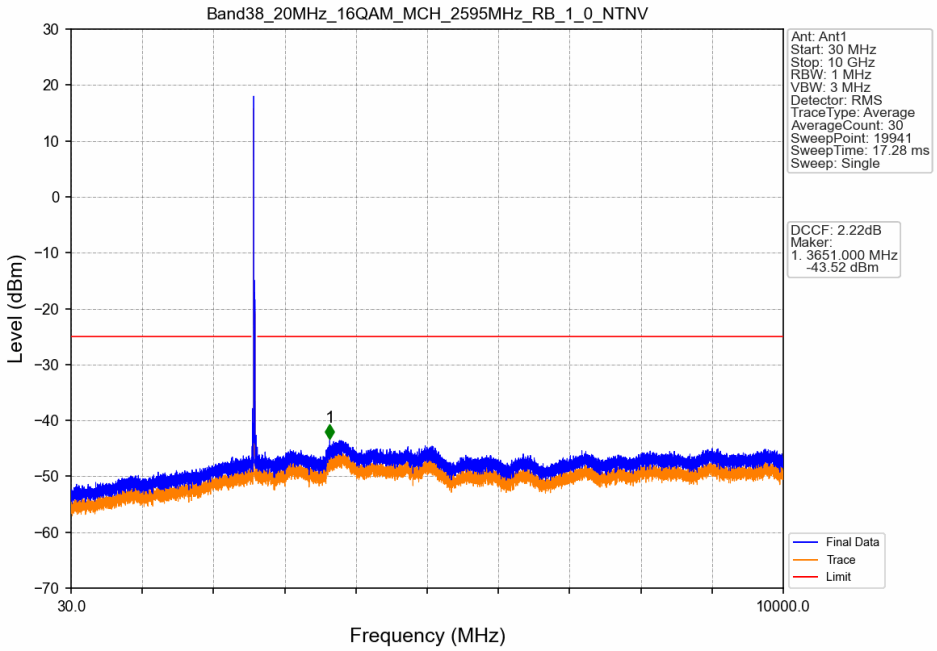



## Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV

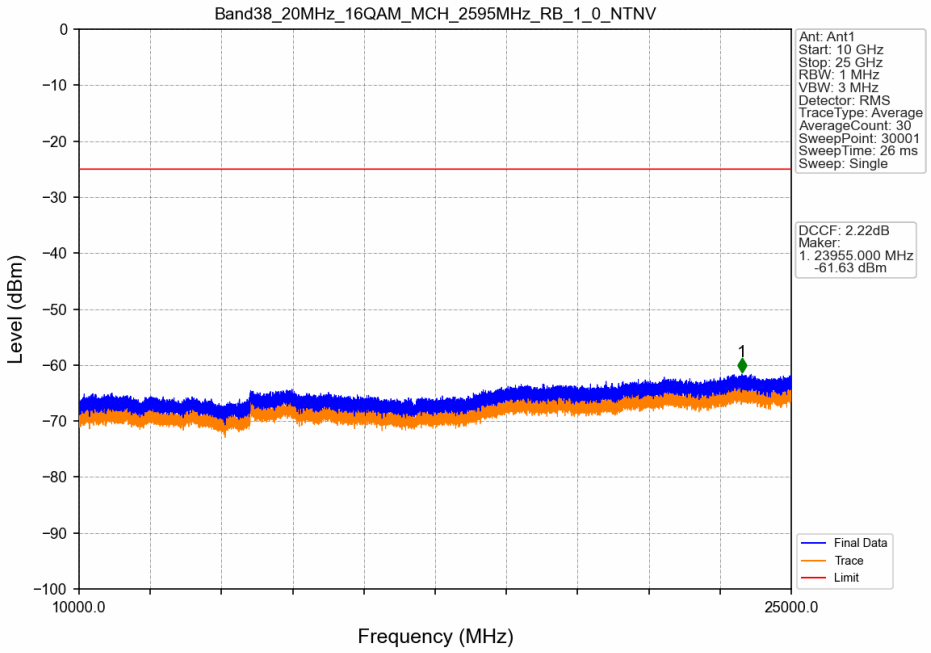



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2569 | 1 | CHP | 1 | 2544.800 | -40.89 | -25 | Pass |
| 2569 | 2570 | 0.43 | / | 2 | 2569.525 | -35.54 | -10 | Pass |
| 2570 | 2600 | 0.43 | / | / | / | / | / | / |

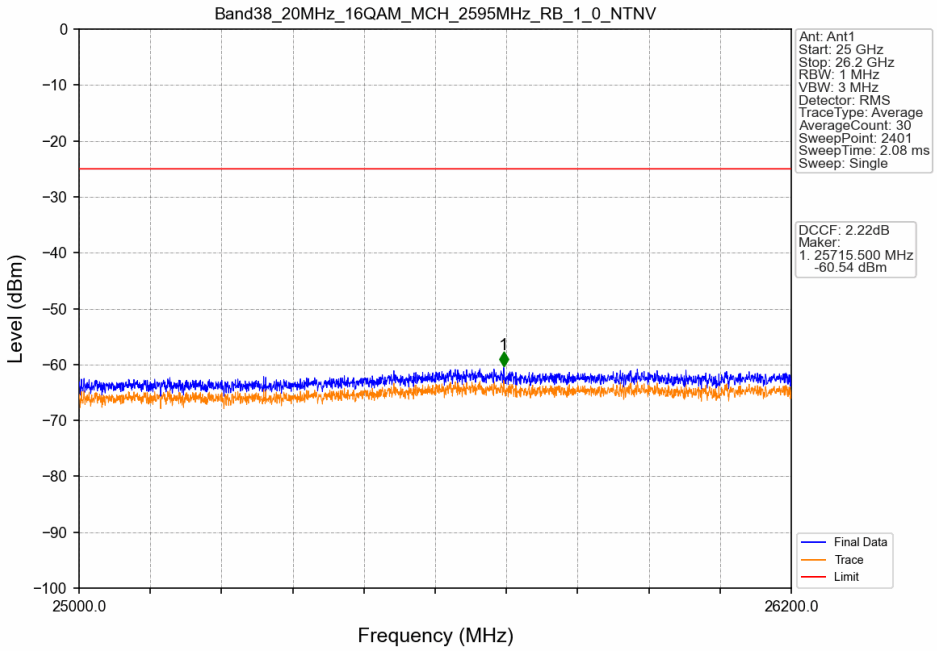
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



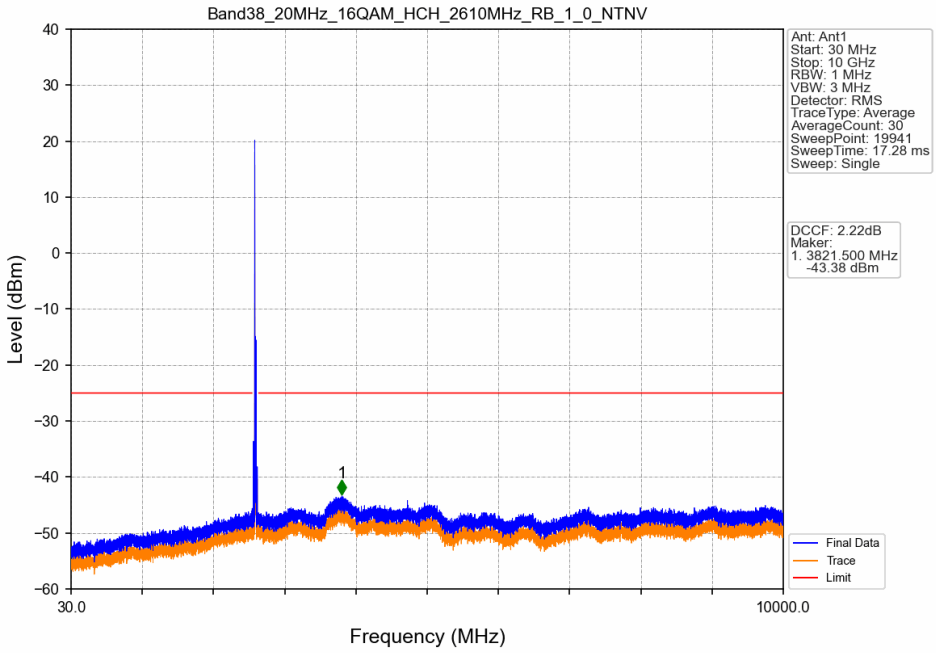

Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



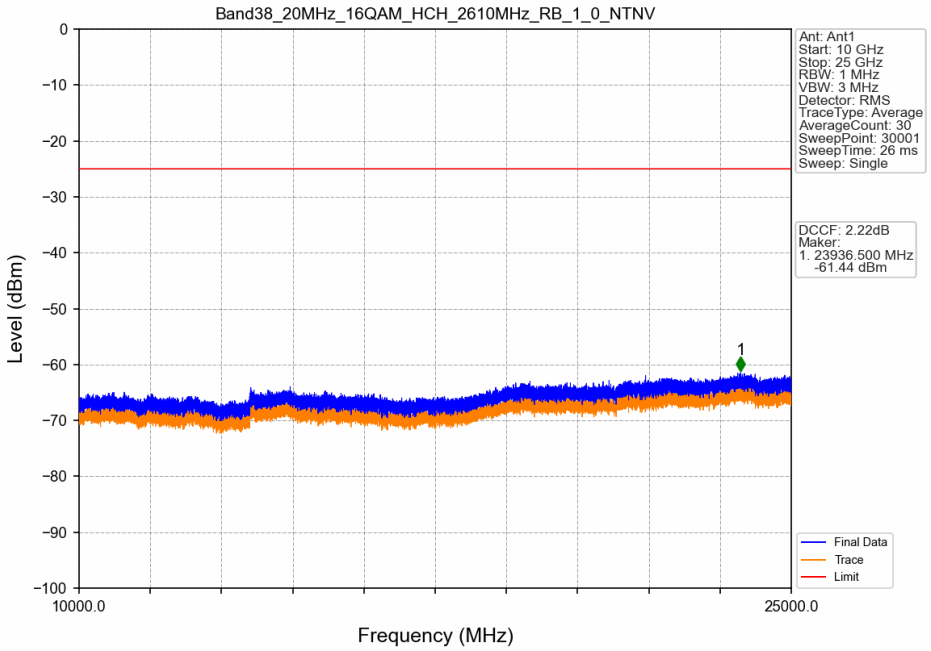
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



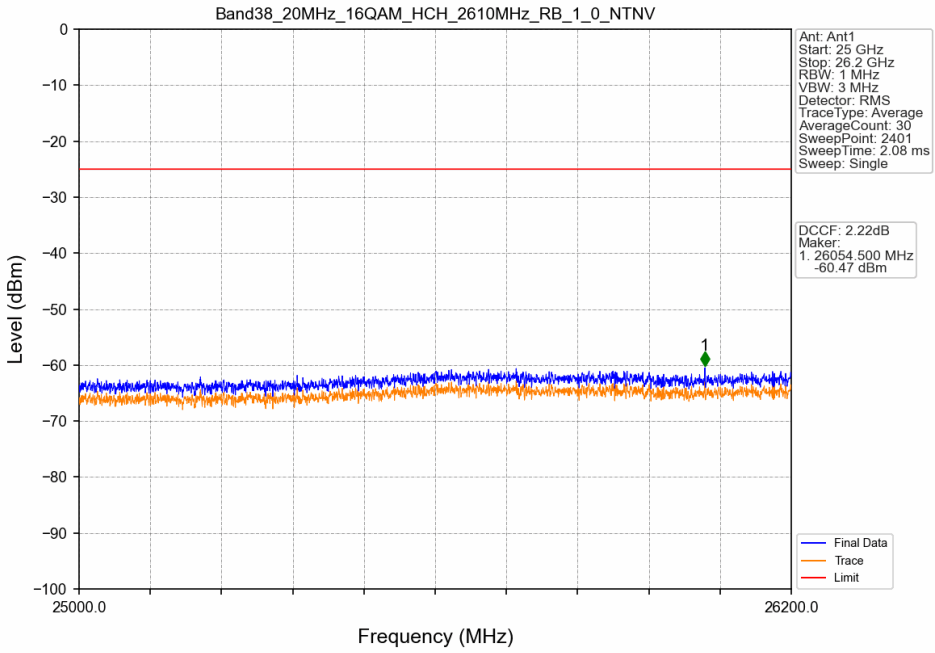

Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



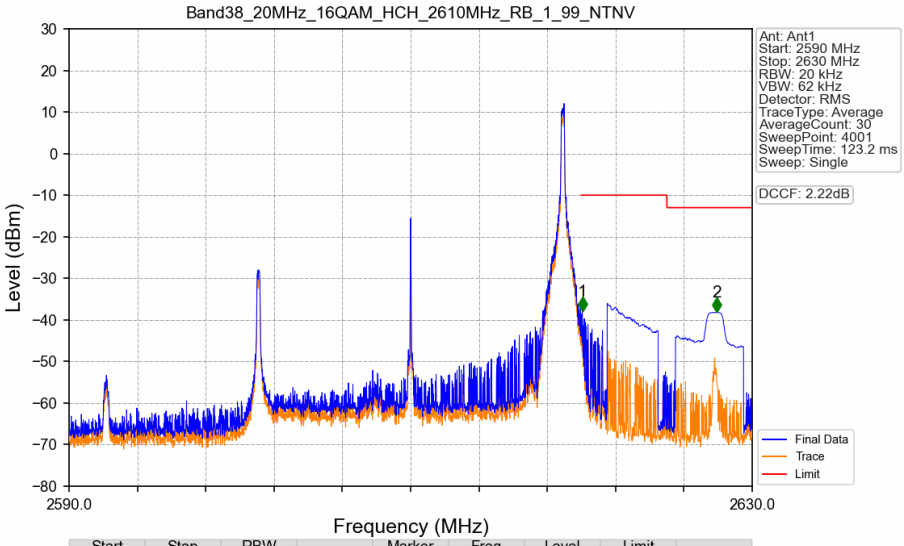
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV




Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV

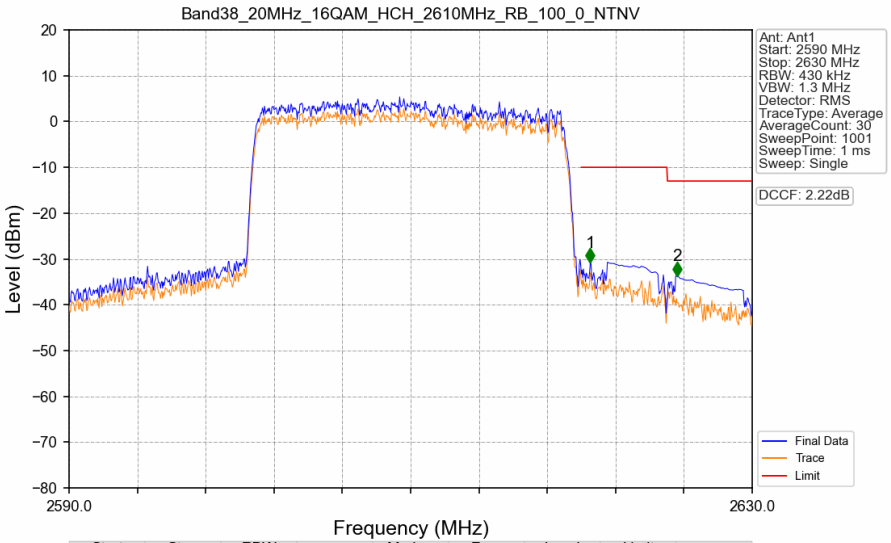


## Band38_20MHz_16QAM_HCH_2610MHz_RB_1_99_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2590 | 2620 | 0.02 | / | / | / | / | / | / |
| 2620 | 2621 | 0.02 | / | 1 | 2620.050 | -37.90 | -10 | Pass |
| 2621 | 2630 | 1 | CHP | 2 | 2627.940 | -38.18 | -13 | Pass |

## Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2590 | 2620 | 0.43 | / | / | / | / | / | / |
| 2620 | 2621 | 0.43 | / | 1 | 2620.520 | -30.81 | -10 | Pass |
| 2621 | 2630 | 1 | CHP | 2 | 2625.600 | -33.71 | -13 | Pass |

# 3. Spurious Emission

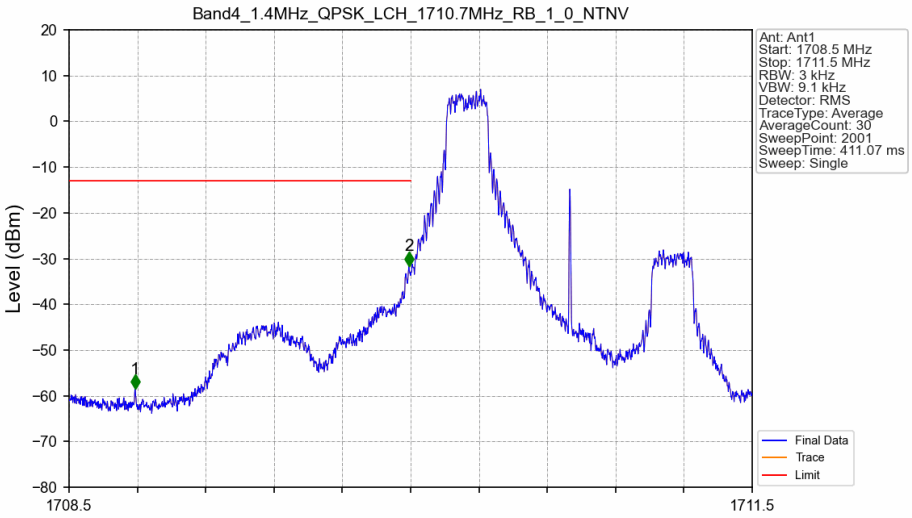
## 3.1 B4_1.4MHz

### 3.1.1 Test Result

| Band: 4 / Bandwidth: 1.4MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1710.7 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass |
| | 1732.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 1754.3 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 5 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 1710.7 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass |
| | 1732.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 1754.3 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 5 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass |

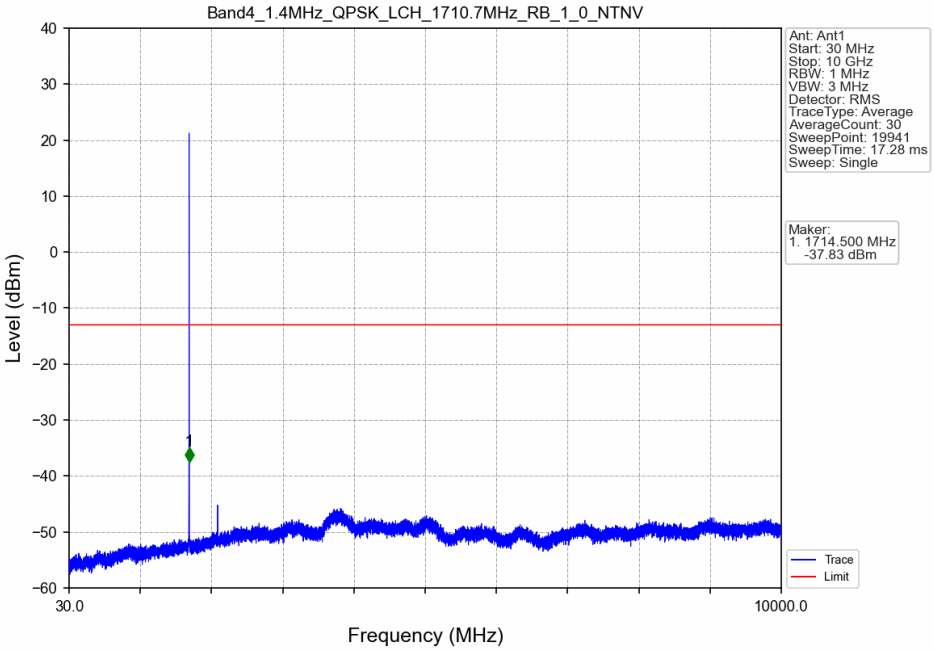
## 3.1.2 Test Graph

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

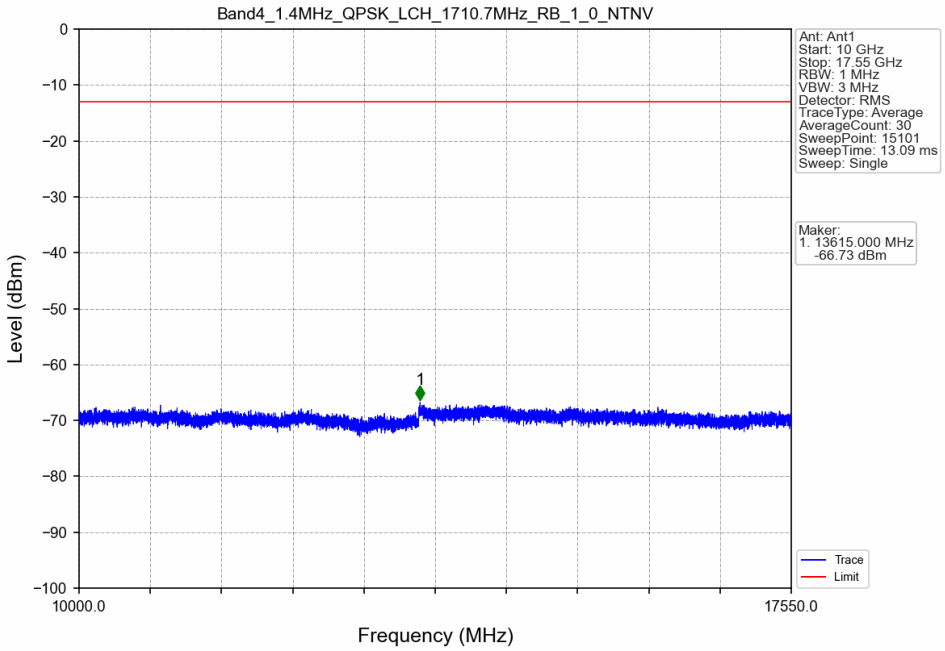



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1708.5 | 1709 | 1 | / | 1 | 1708.790 | -58.47 | -13 | Pass |
| 1709 | 1710 | 0.003 | / | 2 | 1709.993 | -31.59 | -13 | Pass |
| 1710 | 1711.5 | 0.003 | / | / | / | / | / | / |

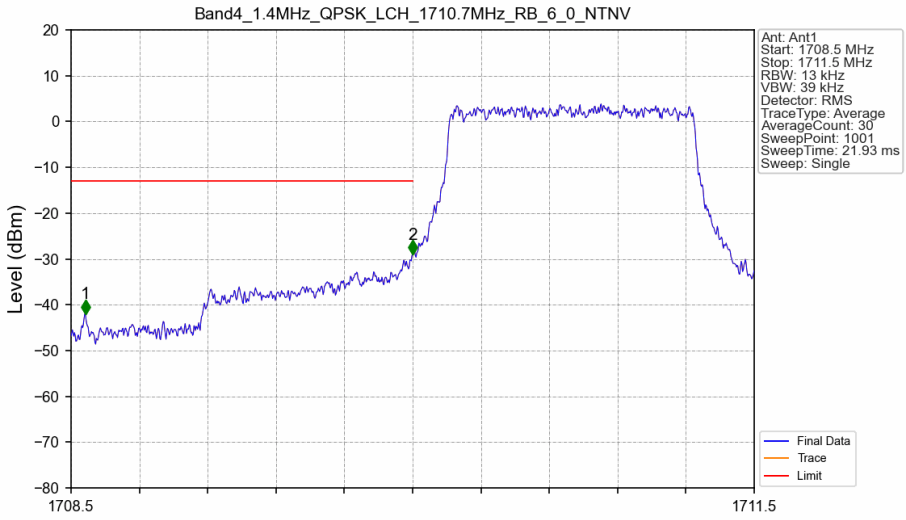
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



## Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

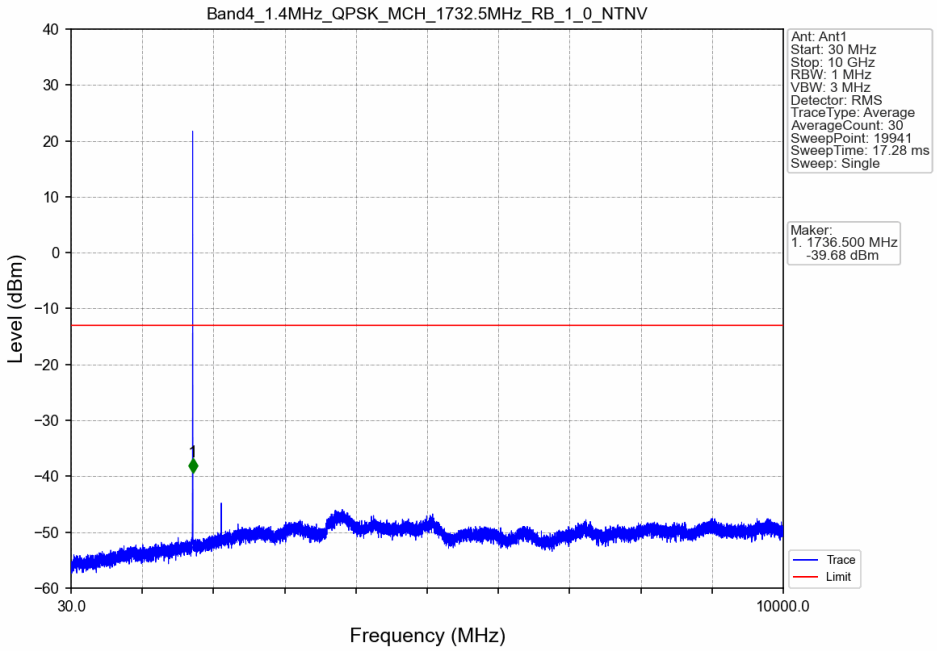



## Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

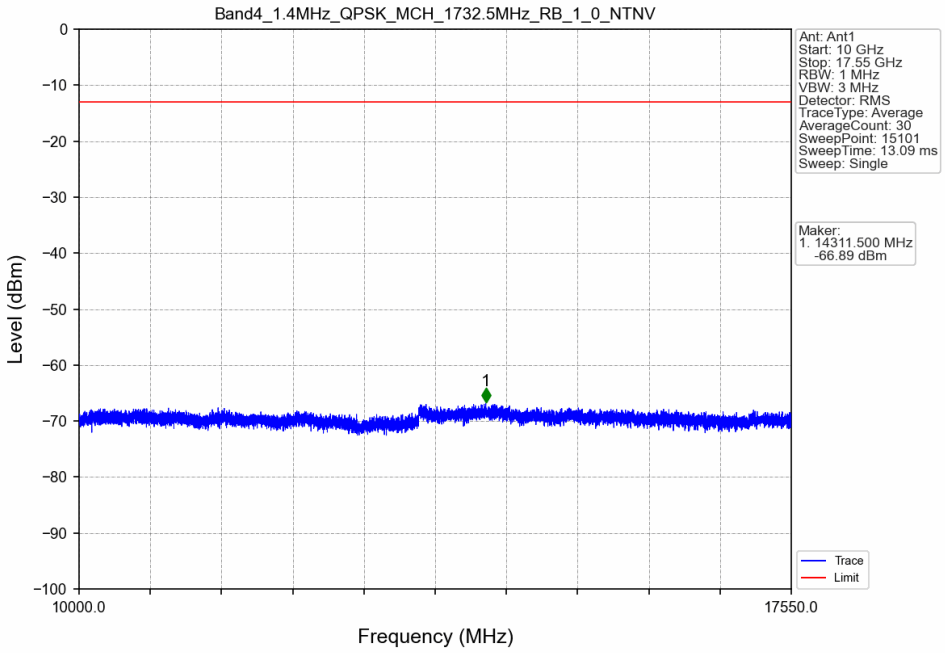



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1708.5 | 1709 | 1 | / | 1 | 1708.563 | -41.99 | -13 | Pass |
| 1709 | 1710 | 0.013 | / | 2 | 1710.000 | -29.00 | -13 | Pass |
| 1710 | 1711.5 | 0.013 | / | / | / | / | / | / |

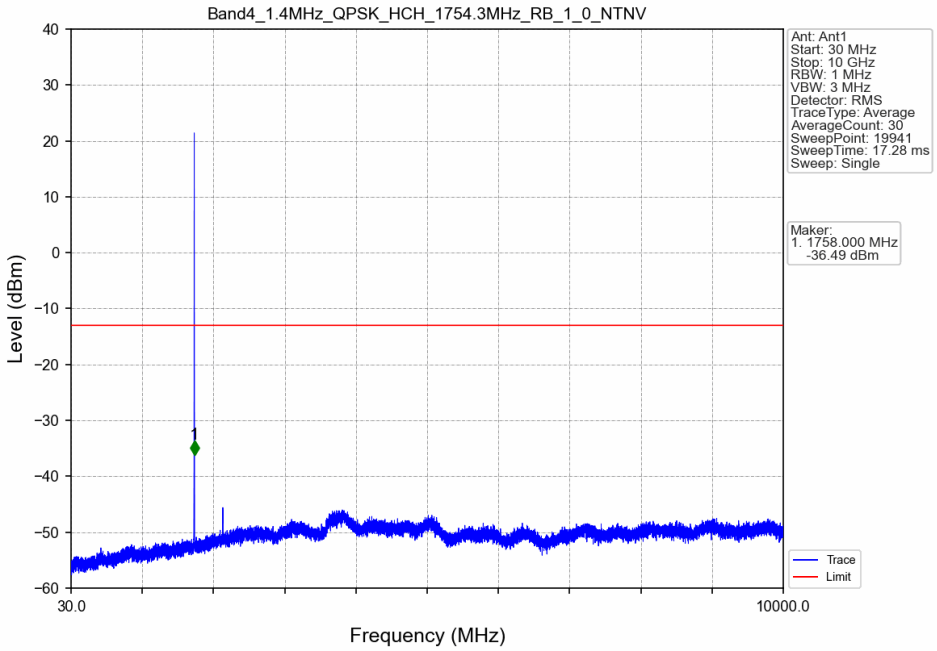
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



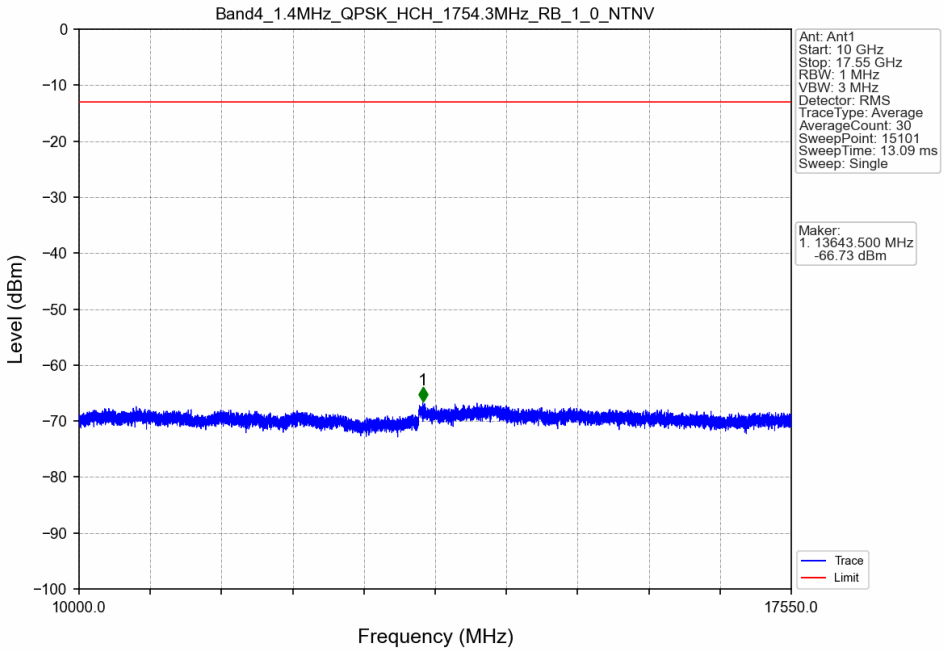

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



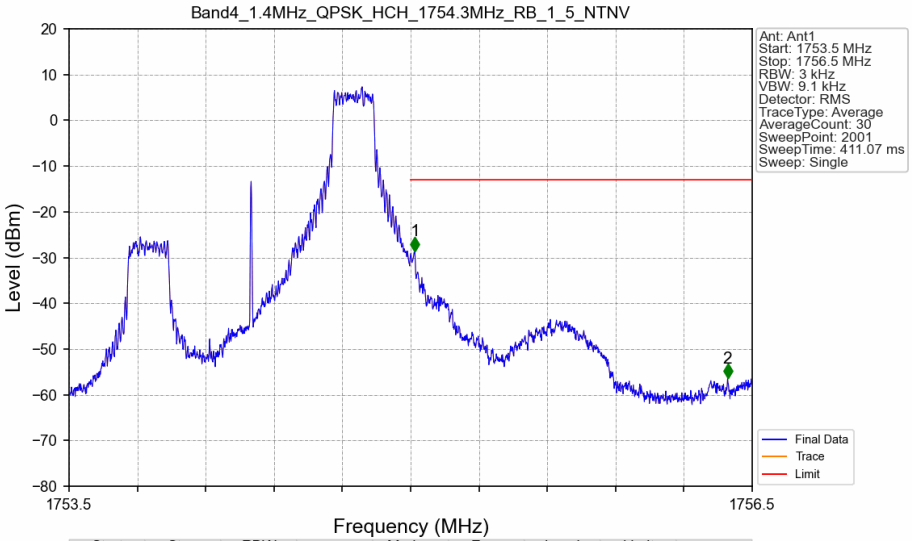
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV




Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

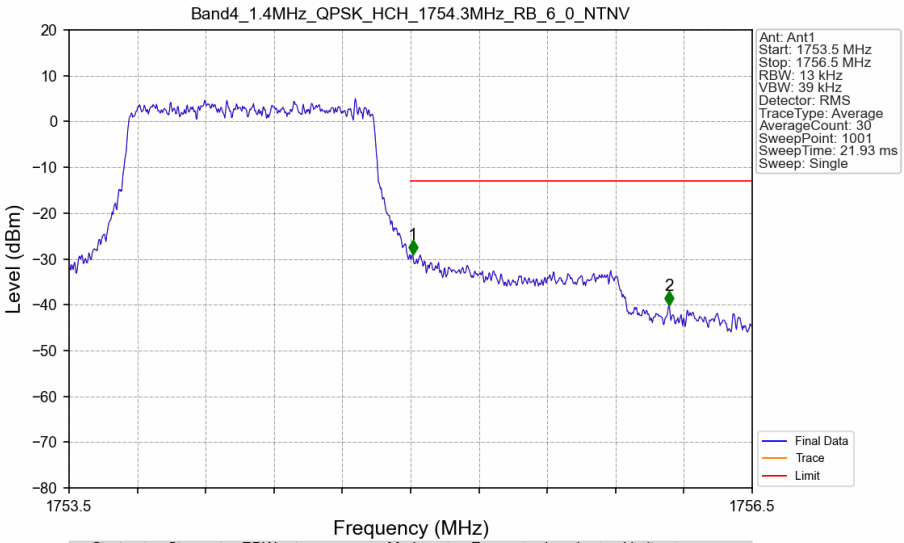


## Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



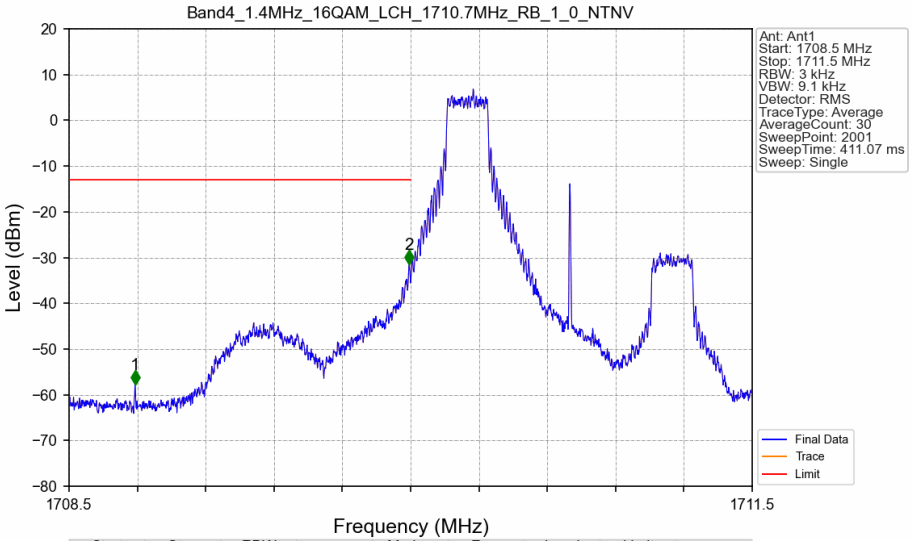

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1753.5 | 1755 | 0.003 | / | / | / | / | / | / |
| 1755 | 1756 | 0.003 | / | 1 | 1755.018 | -28.62 | -13 | Pass |
| 1756 | 1756.5 | 1 | / | 2 | 1756.392 | -56.37 | -13 | Pass |

## Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



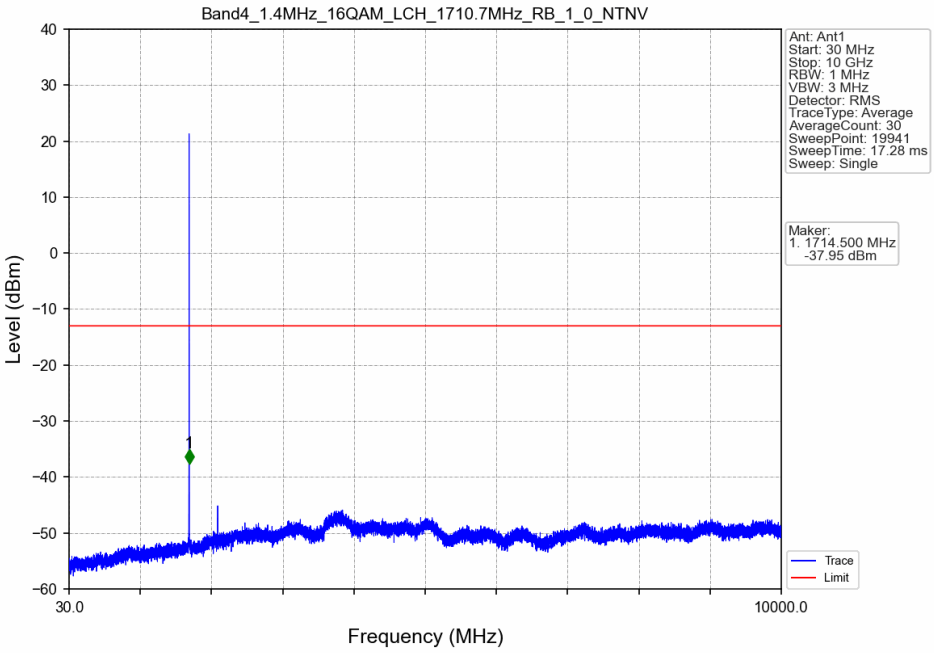

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1753.5 | 1755 | 0.013 | / | / | / | / | / | / |
| 1755 | 1756 | 0.013 | / | 1 | 1755.009 | -29.07 | -13 | Pass |
| 1756 | 1756.5 | 1 | / | 2 | 1756.134 | -40.15 | -13 | Pass |

## Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

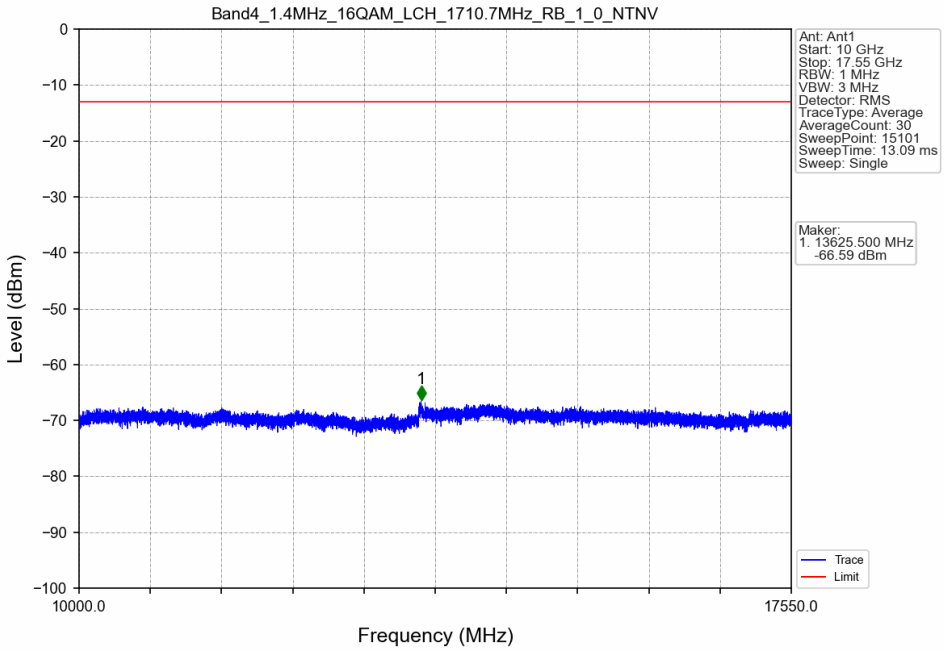



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1708.5 | 1709 | 1 | / | 1 | 1708.790 | -57.82 | -13 | Pass |
| 1709 | 1710 | 0.003 | / | 2 | 1709.994 | -31.54 | -13 | Pass |
| 1710 | 1711.5 | 0.003 | / | / | / | / | / | / |

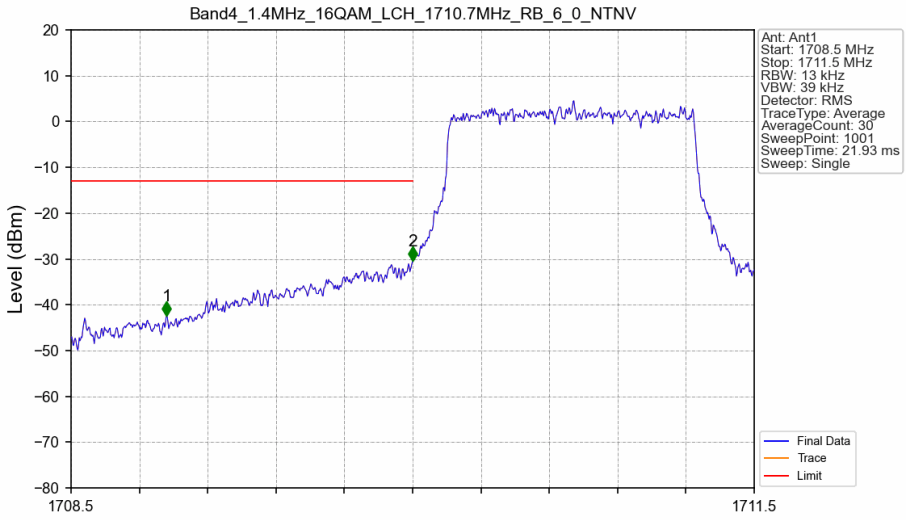
## Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



## Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

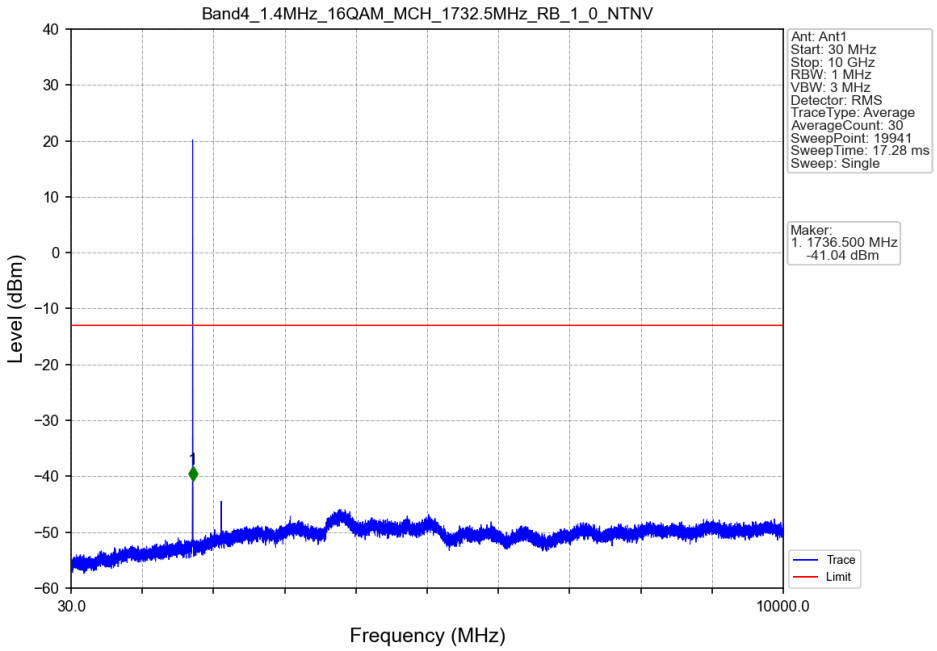



## Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

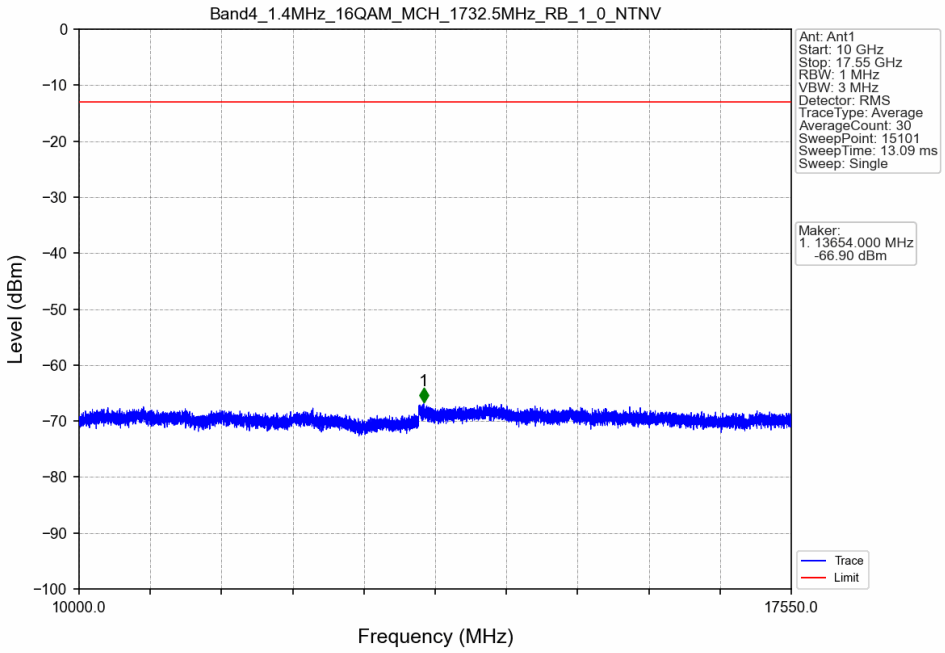



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1708.5 | 1709 | 1 | / | 1 | 1708.920 | -42.40 | -13 | Pass |
| 1709 | 1710 | 0.013 | / | 2 | 1710.000 | -30.43 | -13 | Pass |
| 1710 | 1711.5 | 0.013 | / | / | / | / | / | / |

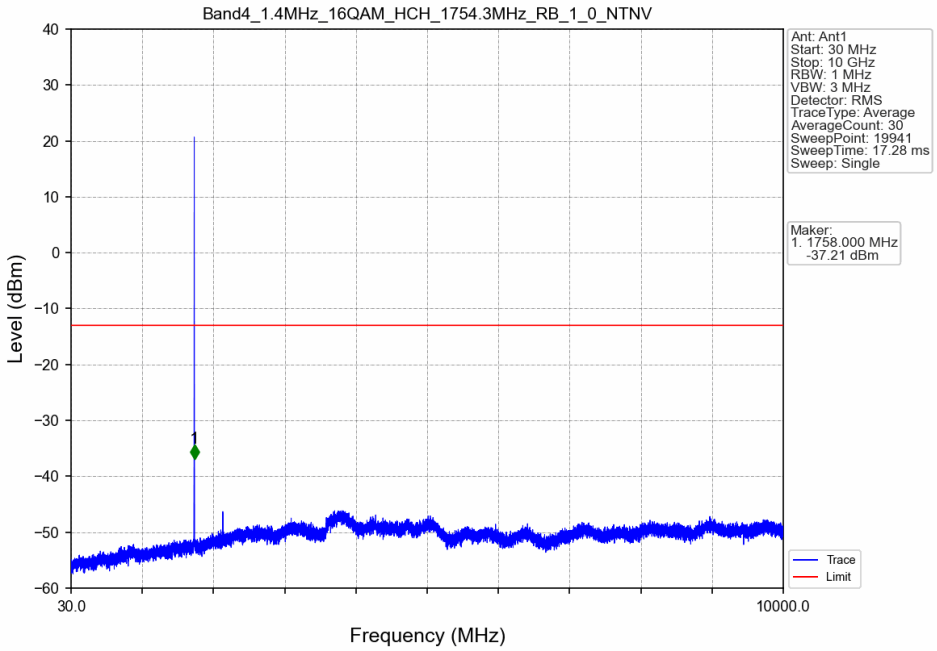
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



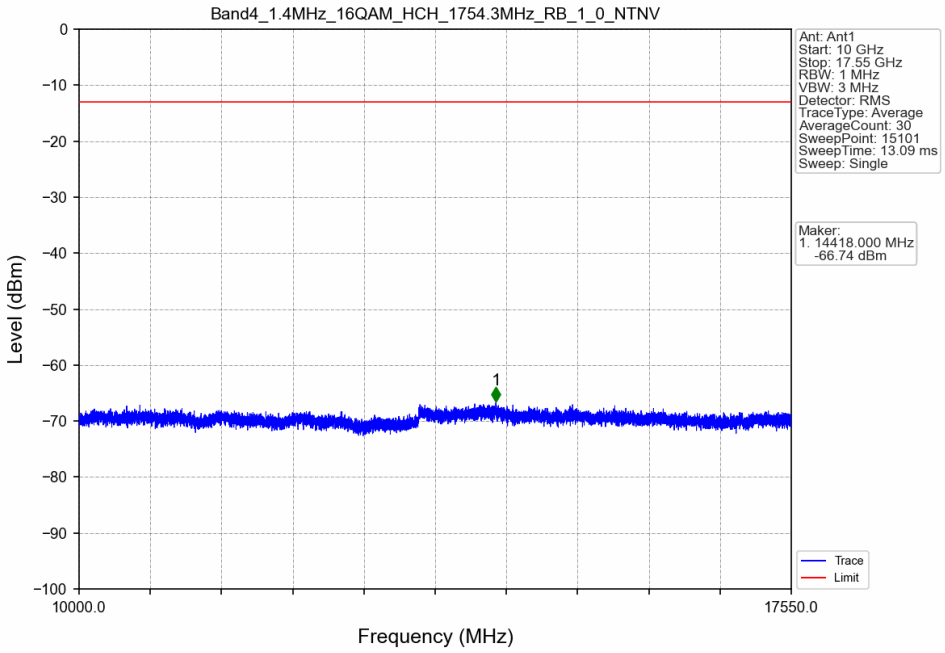

Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



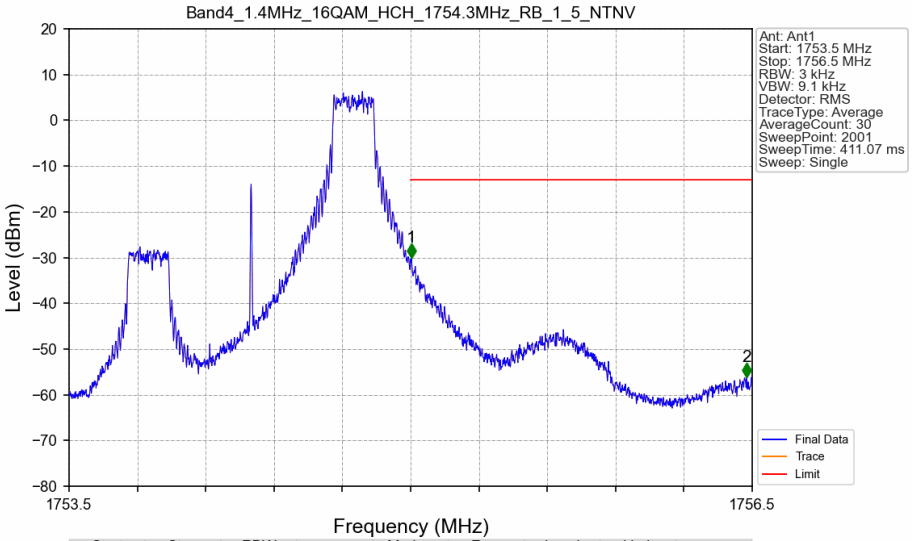
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV




Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

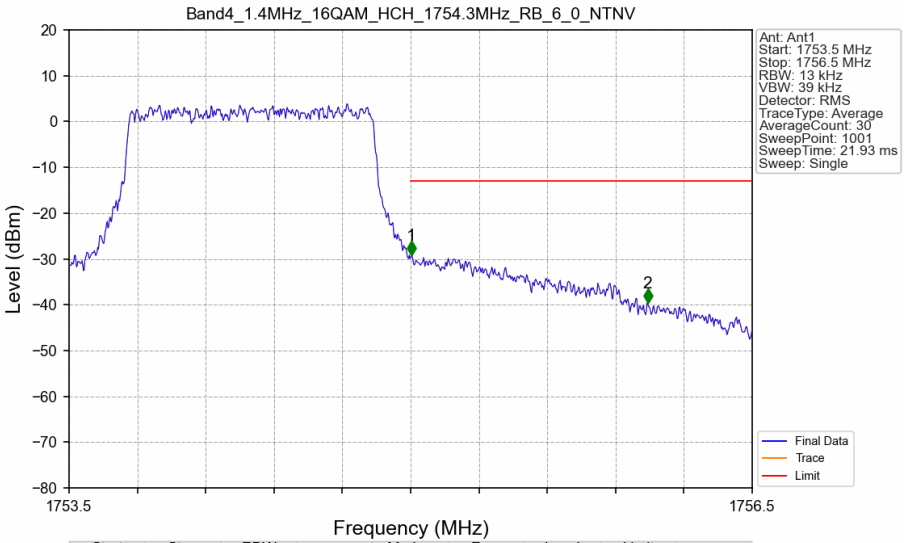


## Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1753.5 | 1755 | 0.003 | / | / | / | / | / | / |
| 1755 | 1756 | 0.003 | / | 1 | 1755.003 | -30.01 | -13 | Pass |
| 1756 | 1756.5 | 1 | / | 2 | 1756.476 | -56.12 | -13 | Pass |

## Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1753.5 | 1755 | 0.013 | / | / | / | / | / | / |
| 1755 | 1756 | 0.013 | / | 1 | 1755.003 | -29.15 | -13 | Pass |
| 1756 | 1756.5 | 1 | / | 2 | 1756.041 | -39.62 | -13 | Pass |

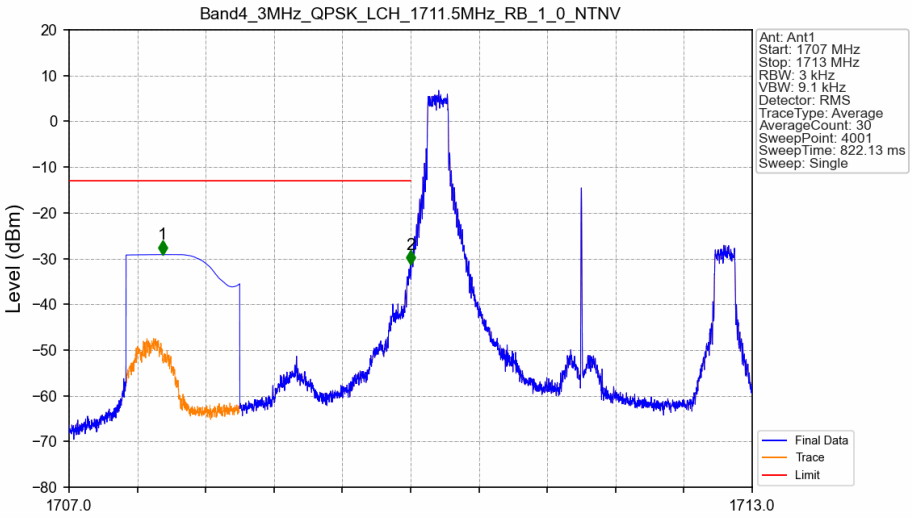
## 3.2 B4_3MHz

### 3.2.1 Test Result

| Band: 4 / Bandwidth: 3MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1711.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| | 1732.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 1753.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 14 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 1711.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| | 1732.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 1753.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 14 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |

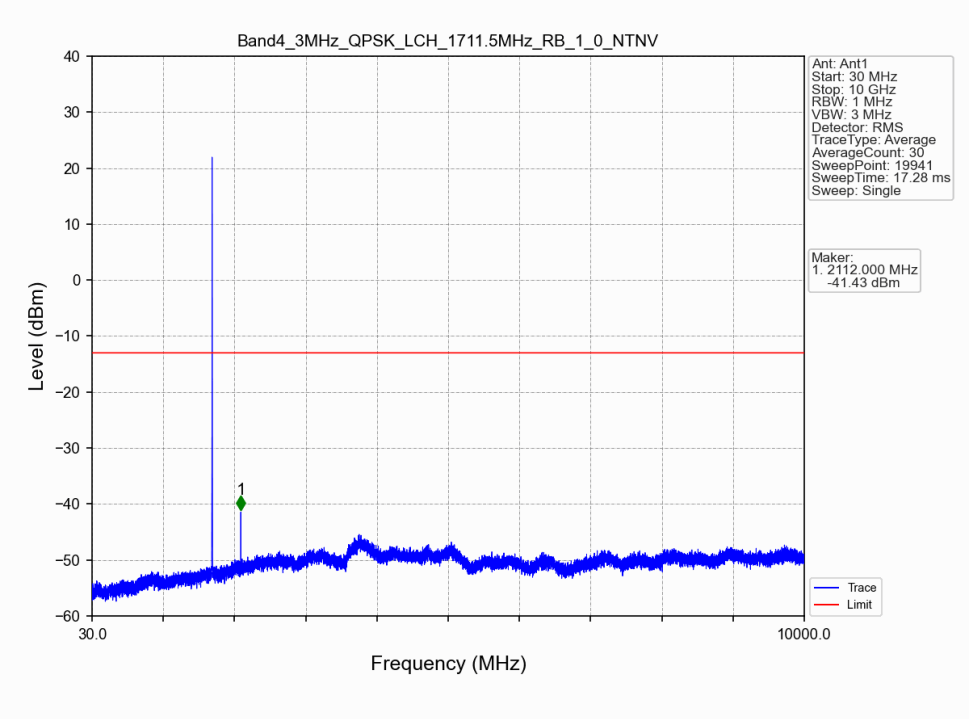
## 3.2.2 Test Graph

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

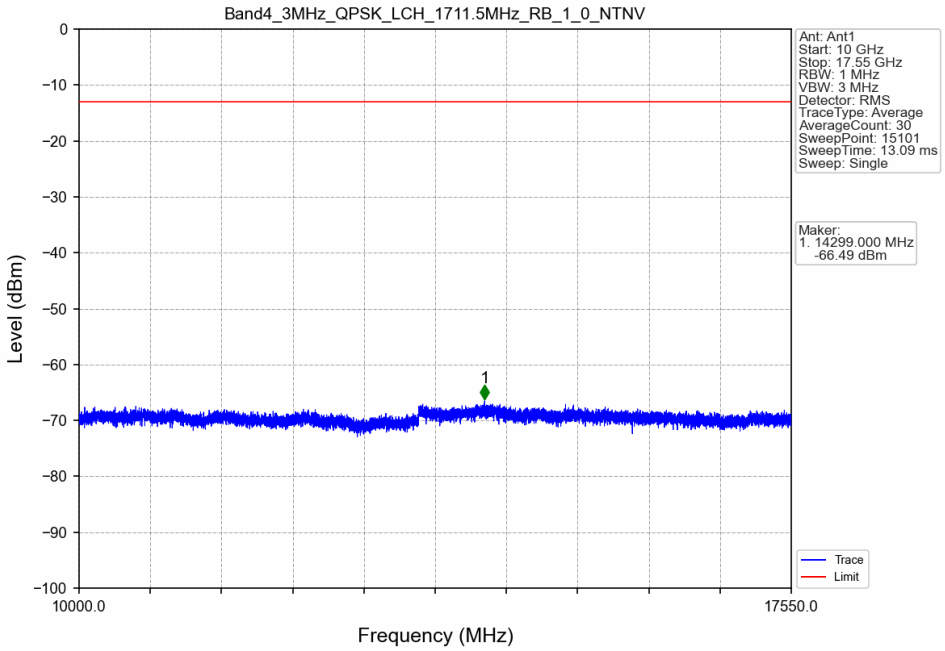



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1707 | 1709 | 1 | CHP | 1 | 1707.822 | -29.14 | -13 | Pass |
| 1709 | 1710 | 0.003 | / | 2 | 1709.998 | -31.28 | -13 | Pass |
| 1710 | 1713 | 0.003 | / | / | / | / | / | / |

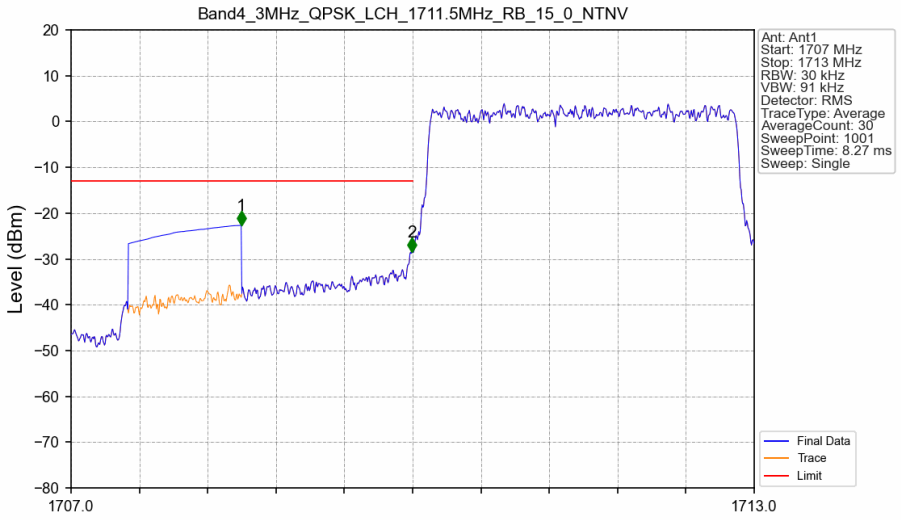
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



## Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

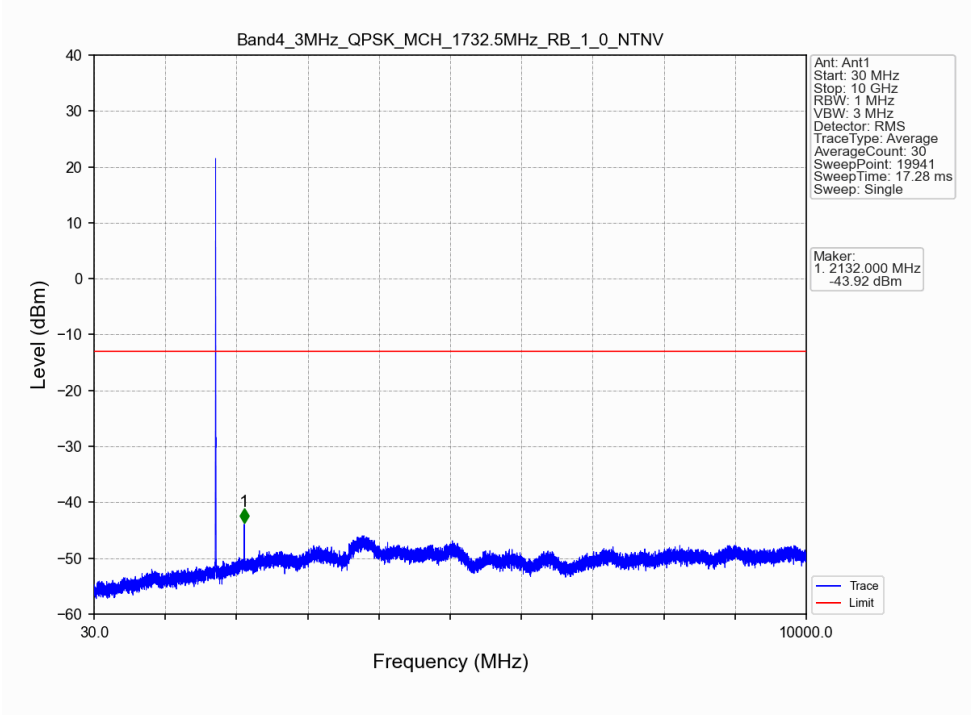



## Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

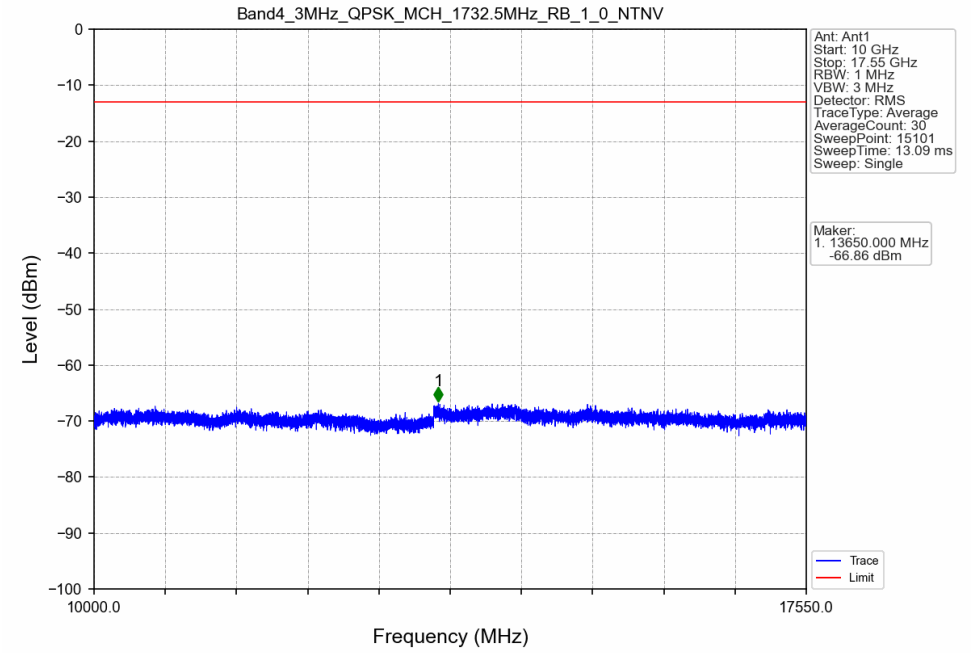



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1707 | 1709 | 1 | CHP | 1 | 1708.494 | -22.65 | -13 | Pass |
| 1709 | 1710 | 0.03 | / | 2 | 1709.994 | -28.49 | -13 | Pass |
| 1710 | 1713 | 0.03 | / | / | / | / | / | / |

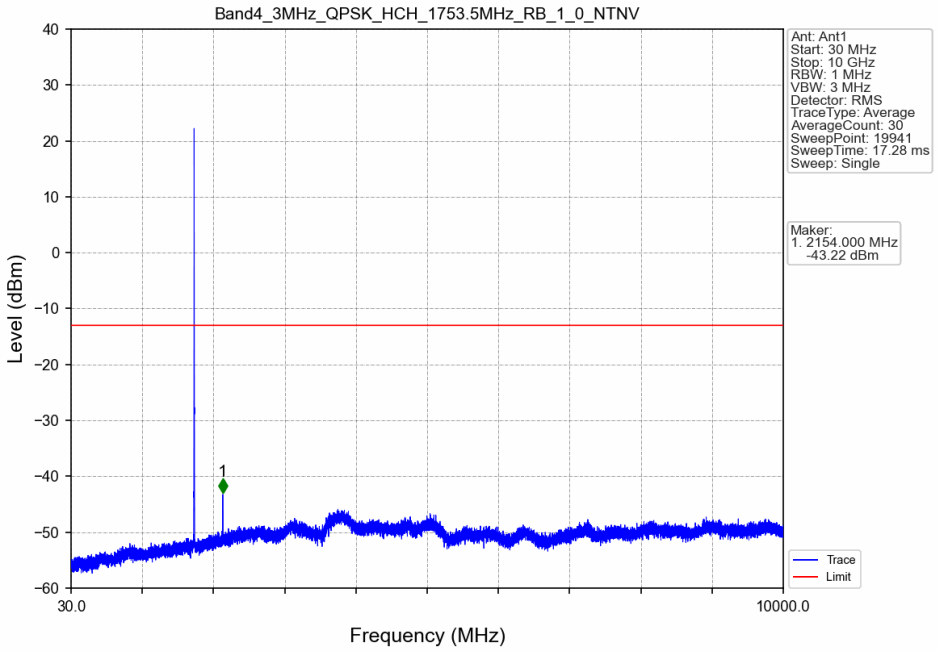
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



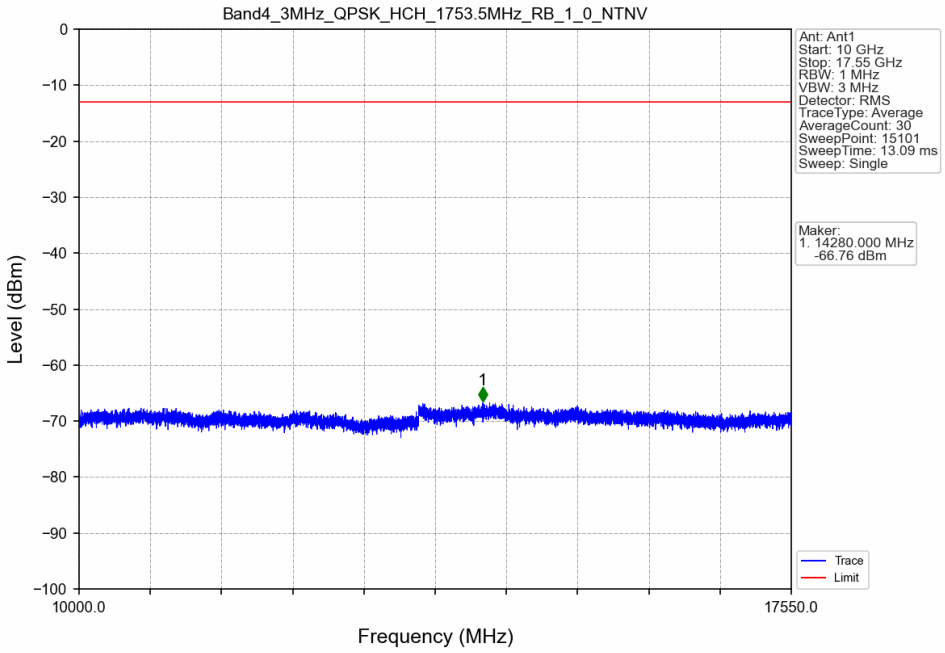

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



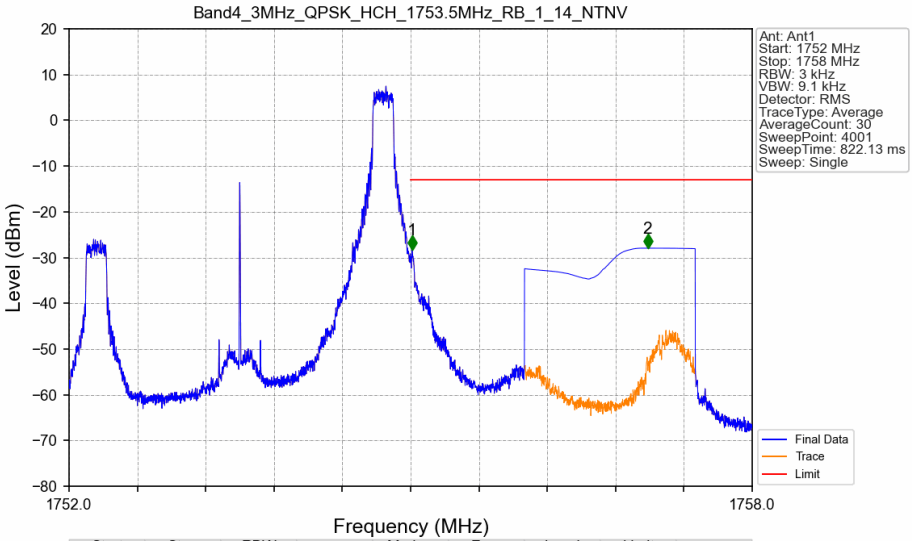
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV




Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

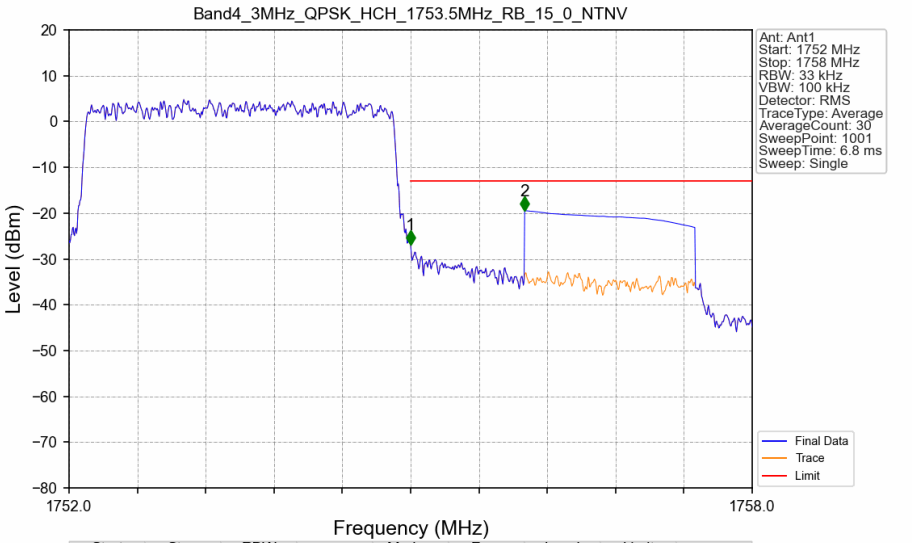


## Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



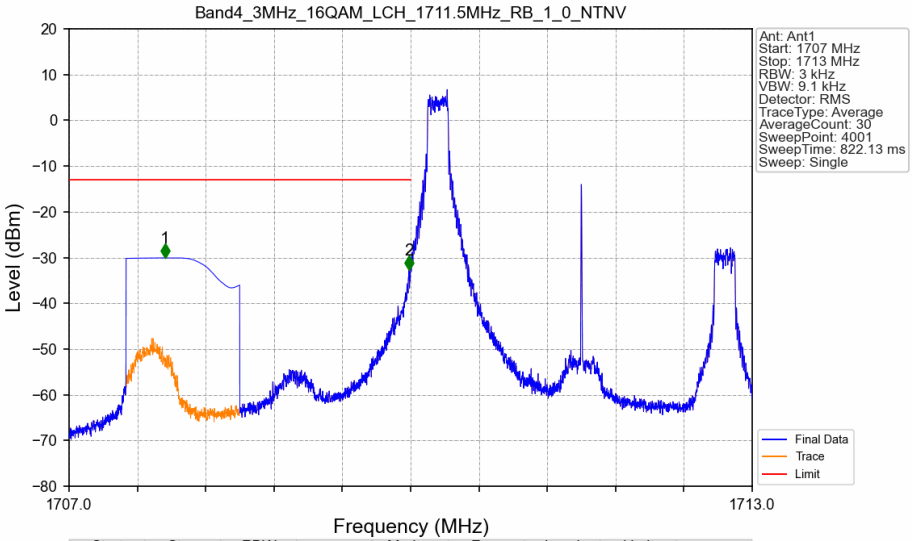

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1752 | 1755 | 0.003 | / | / | / | / | / | / |
| 1755 | 1756 | 0.003 | / | 1 | 1755.014 | -28.39 | -13 | Pass |
| 1756 | 1758 | 1 | CHP | 2 | 1757.082 | -27.95 | -13 | Pass |

## Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



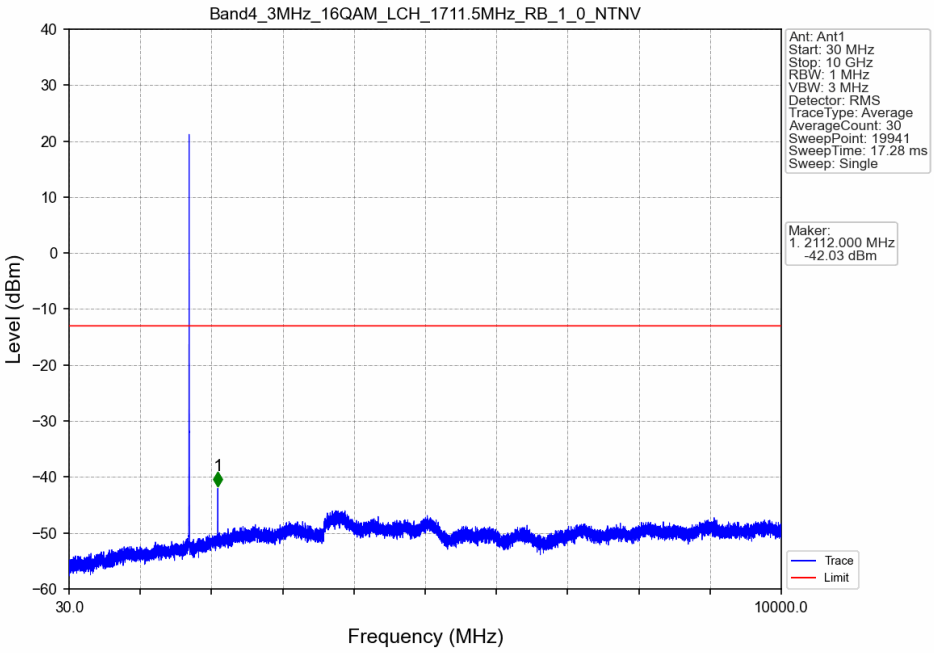

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1752 | 1755 | 0.033 | / | / | / | / | / | / |
| 1755 | 1756 | 0.033 | / | 1 | 1755.000 | -26.94 | -13 | Pass |
| 1756 | 1758 | 1 | CHP | 2 | 1756.002 | -19.46 | -13 | Pass |

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

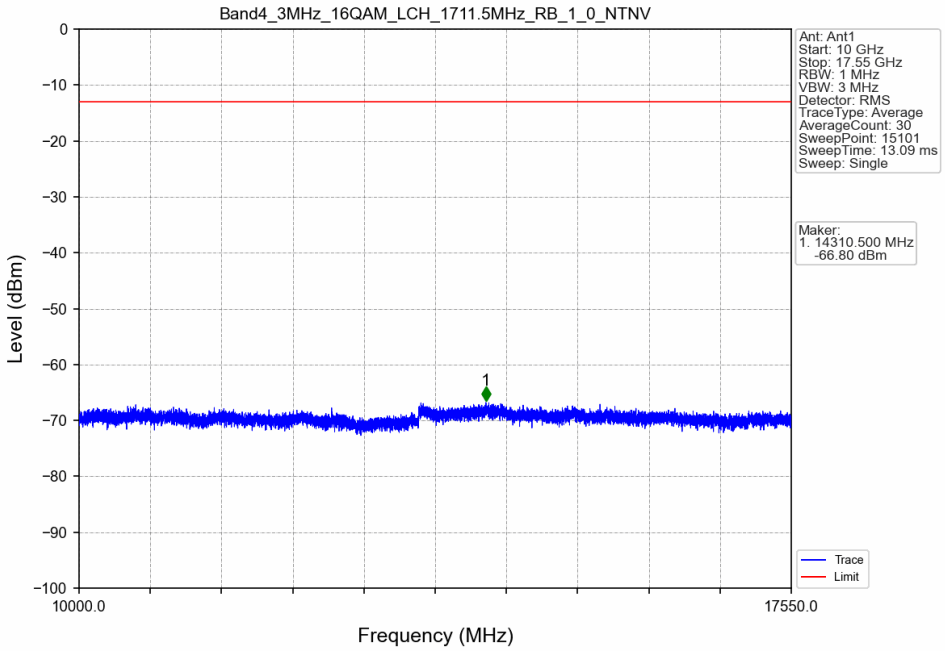



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1707 | 1709 | 1 | CHP | 1 | 1707.843 | -30.08 | -13 | Pass |
| 1709 | 1710 | 0.003 | / | 2 | 1709.985 | -32.68 | -13 | Pass |
| 1710 | 1713 | 0.003 | / | / | / | / | / | / |

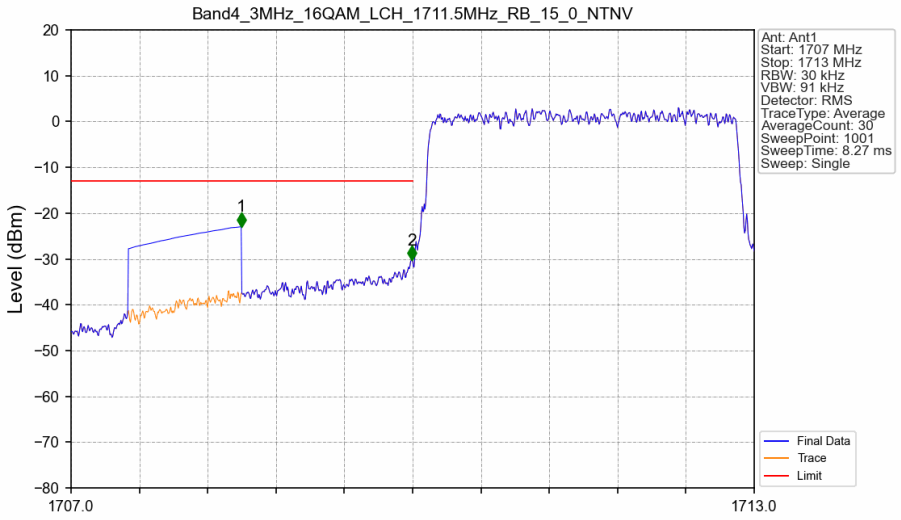
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



## Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

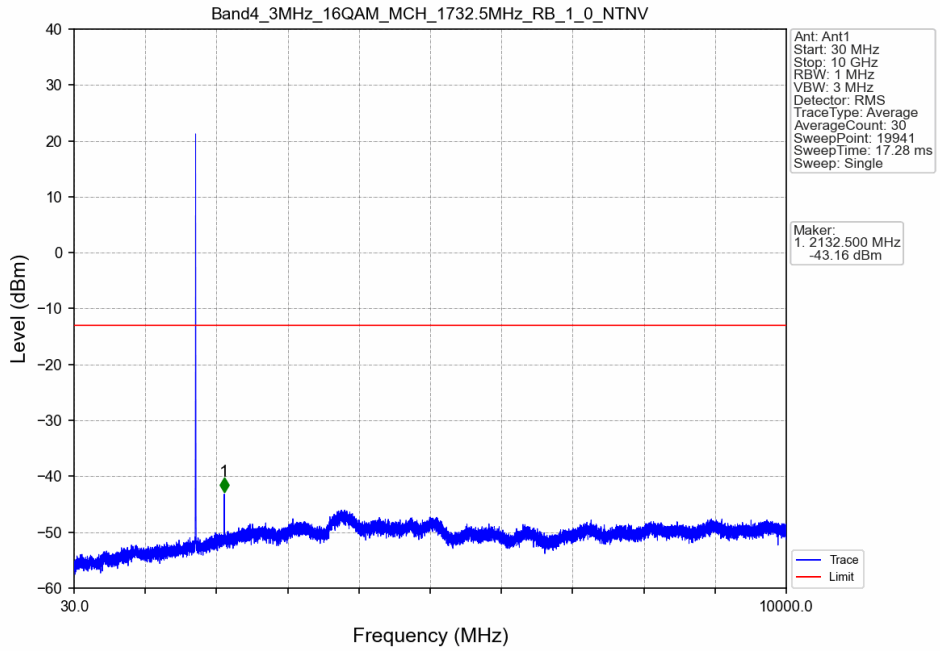



## Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

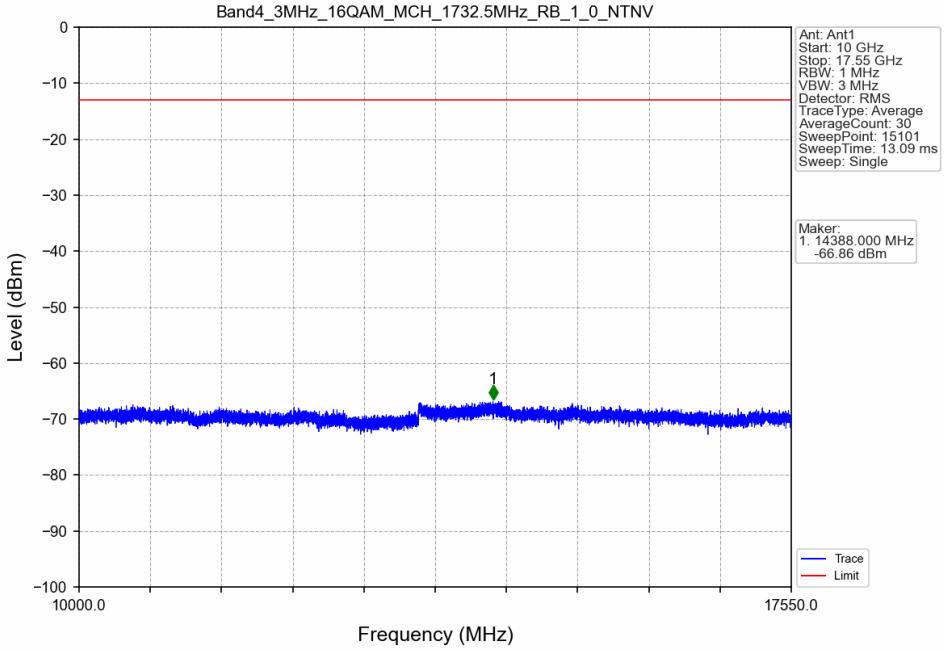



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1707 | 1709 | 1 | CHP | 1 | 1708.494 | -22.97 | -13 | Pass |
| 1709 | 1710 | 0.03 | / | 2 | 1709.994 | -30.22 | -13 | Pass |
| 1710 | 1713 | 0.03 | / | / | / | / | / | / |

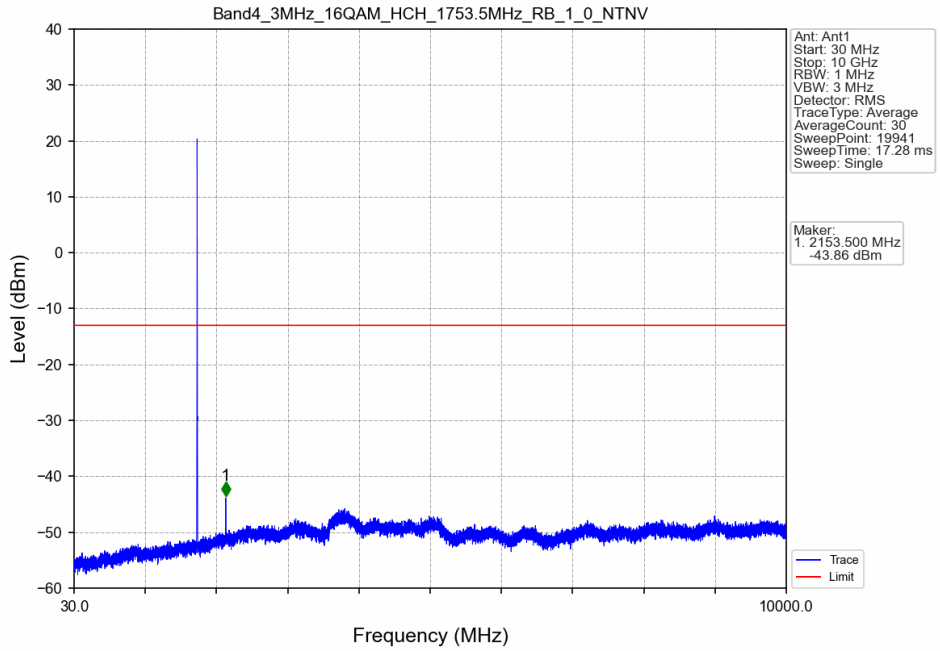
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



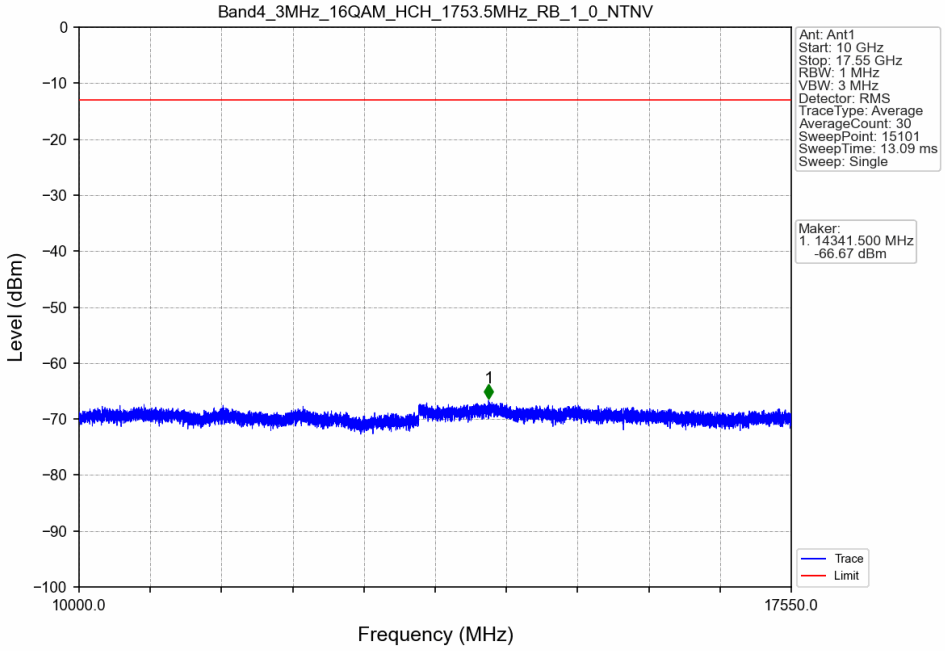

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



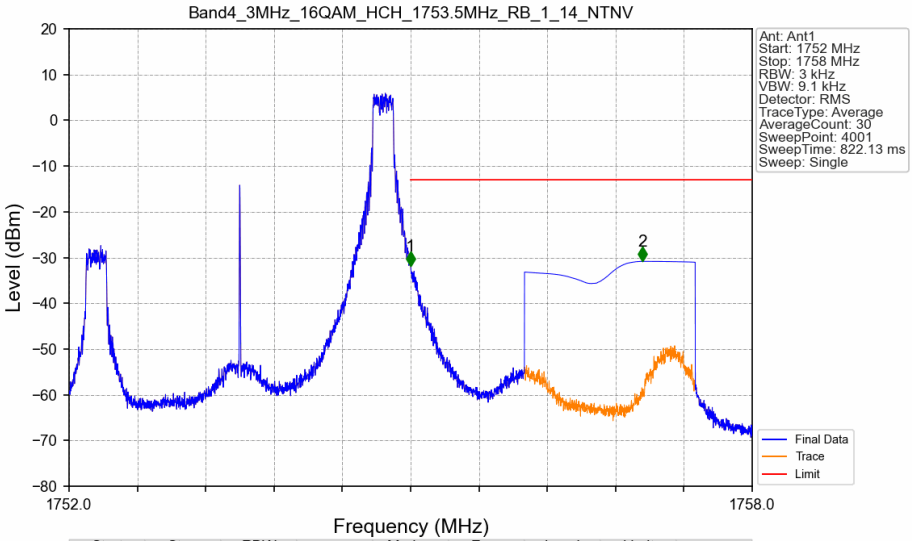
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV




Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

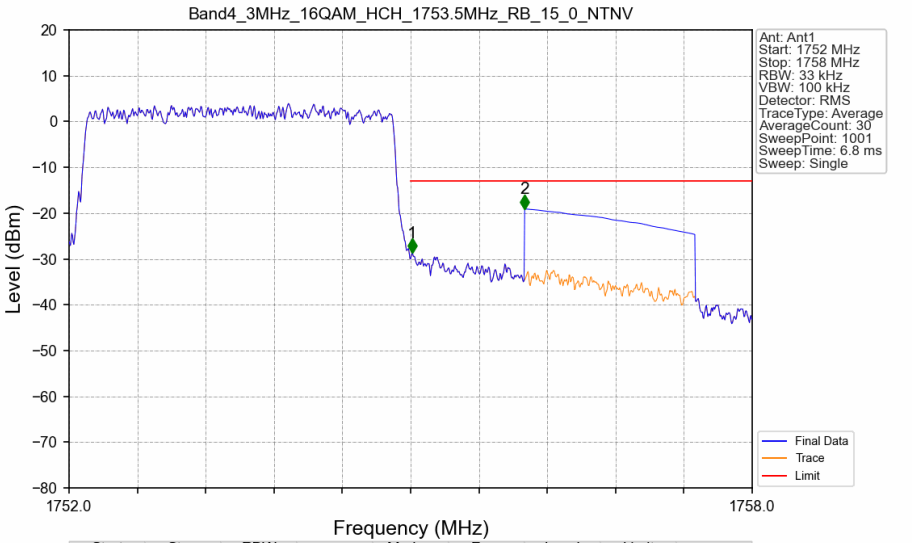


## Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1752 | 1755 | 0.003 | / | / | / | / | / | / |
| 1755 | 1756 | 0.003 | / | 1 | 1755.000 | -31.89 | -13 | Pass |
| 1756 | 1758 | 1 | CHP | 2 | 1757.037 | -30.85 | -13 | Pass |

## Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1752 | 1755 | 0.033 | / | / | / | / | / | / |
| 1755 | 1756 | 0.033 | / | 1 | 1755.012 | -28.73 | -13 | Pass |
| 1756 | 1758 | 1 | CHP | 2 | 1756.002 | -19.07 | -13 | Pass |

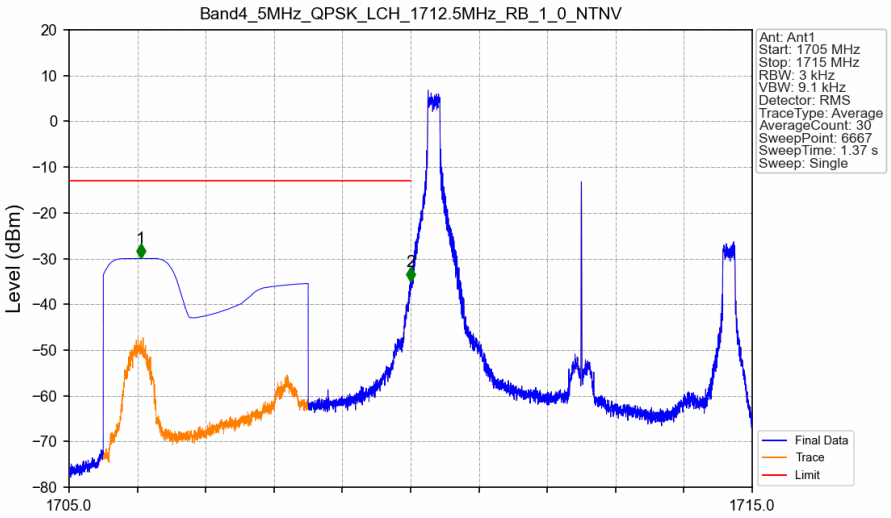
## 3.3 B4_5MHz

### 3.3.1 Test Result

| Band: 4 / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1712.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 1732.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 1752.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 1712.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 1732.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 1752.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |

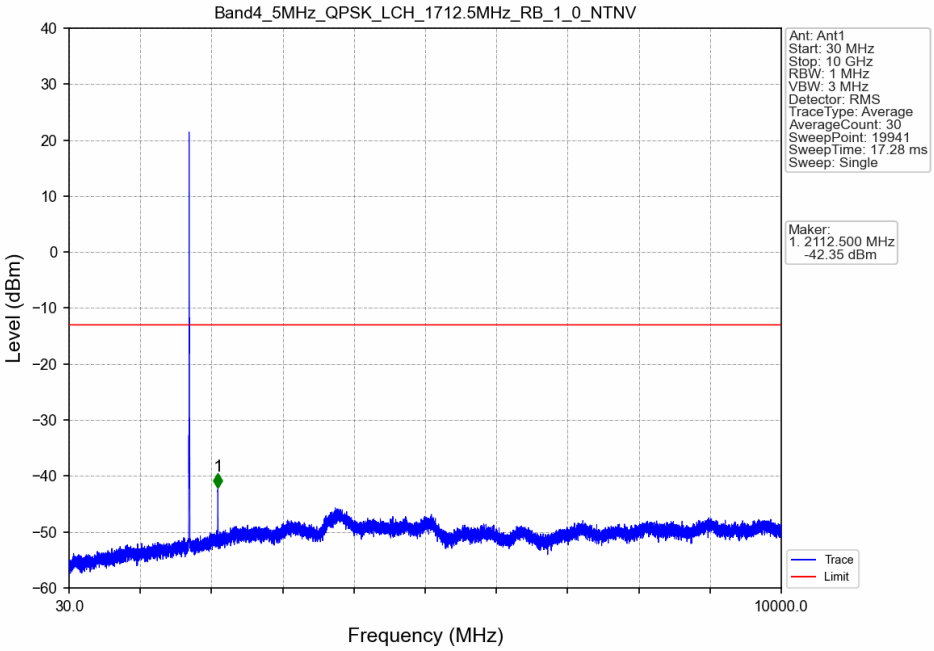
## 3.3.2 Test Graph

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

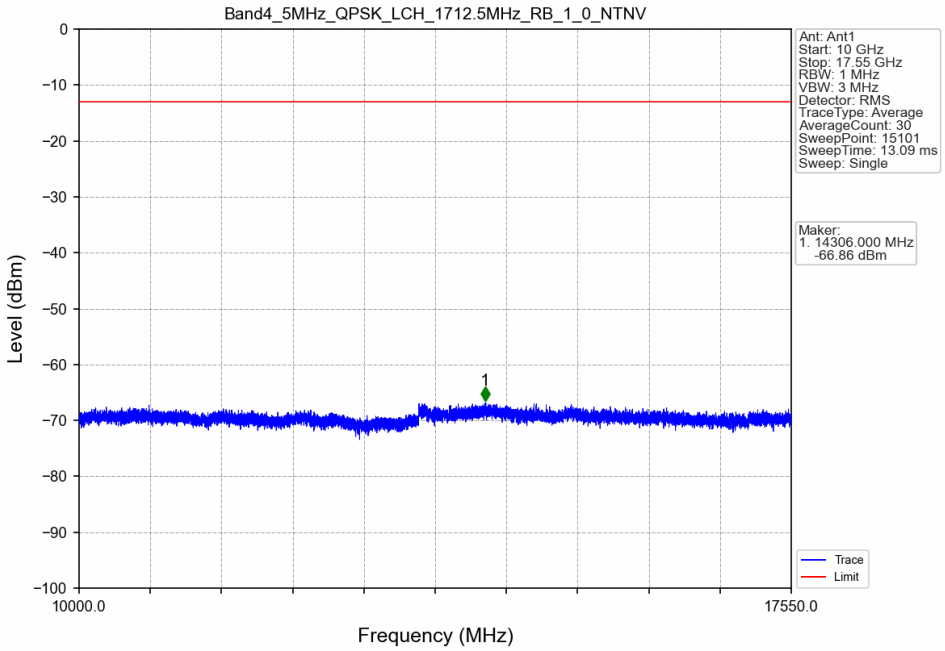



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1705 | 1709 | 1 | CHP | 1 | 1706.049 | -29.98 | -13 | Pass |
| 1709 | 1710 | 0.003 | / | 2 | 1709.998 | -34.98 | -13 | Pass |
| 1710 | 1715 | 0.003 | / | / | / | / | / | / |

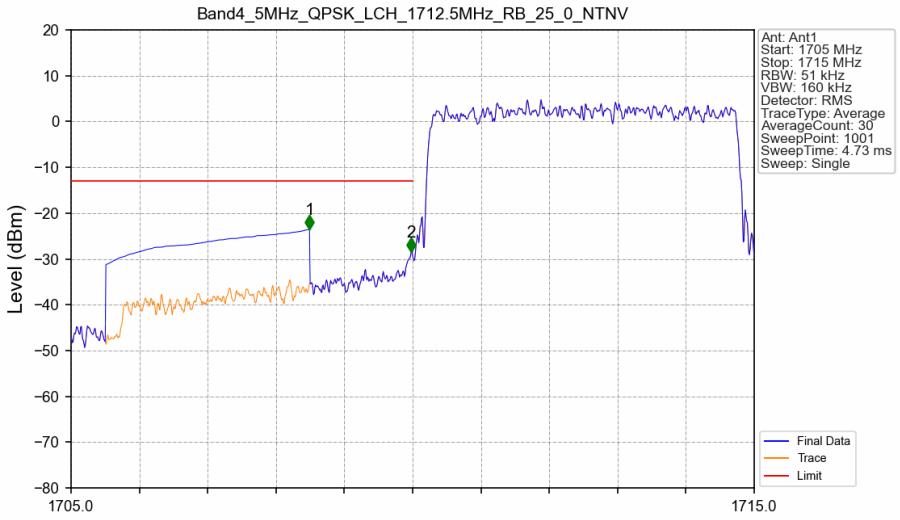
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



## Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

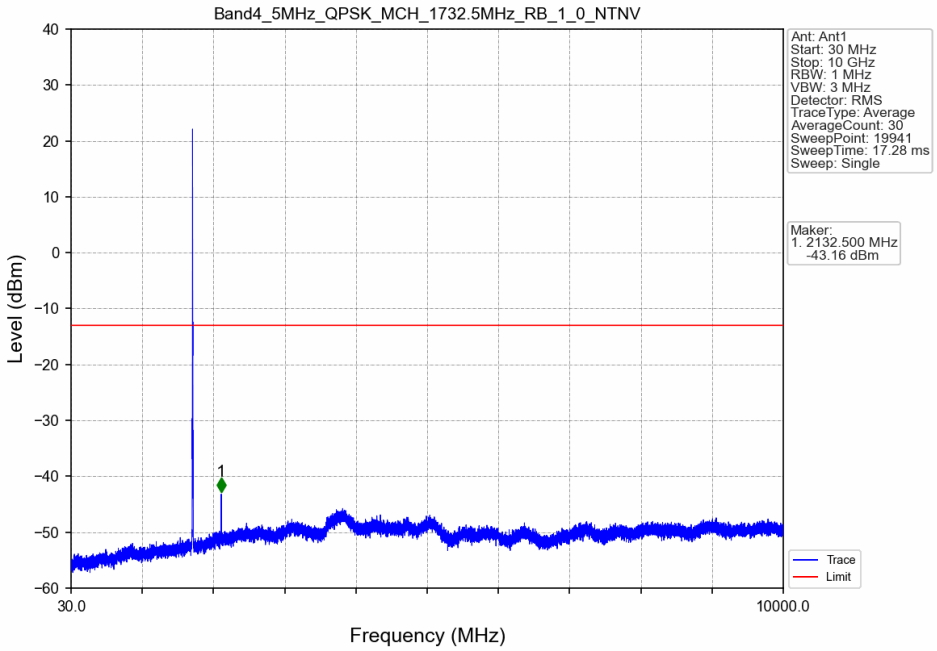



## Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

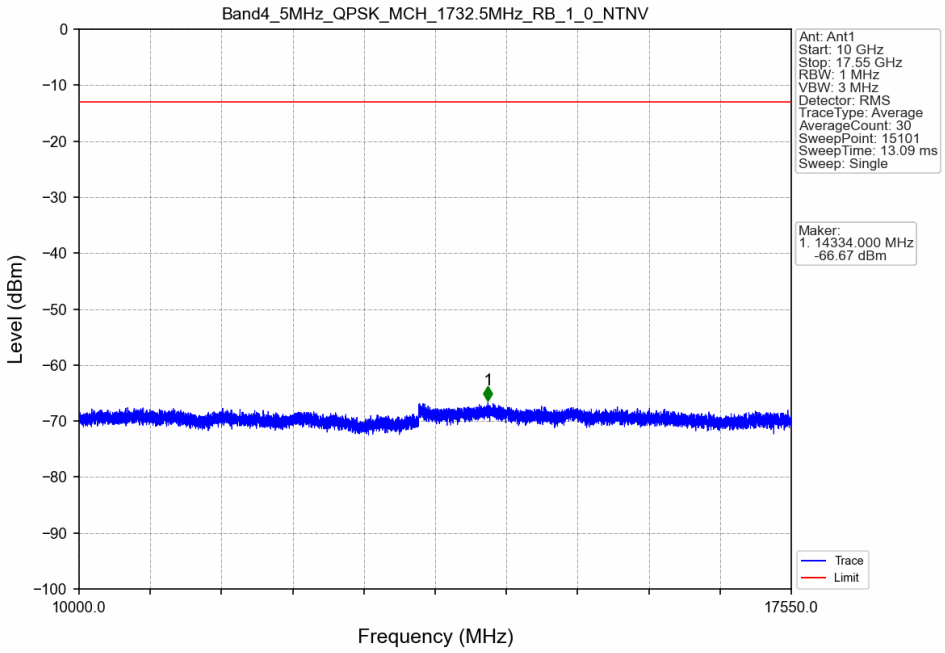



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1705 | 1709 | 1 | CHP | 1 | 1708.490 | -23.60 | -13 | Pass |
| 1709 | 1710 | 0.051 | / | 2 | 1709.980 | -28.51 | -13 | Pass |
| 1710 | 1715 | 0.051 | / | / | / | / | / | / |

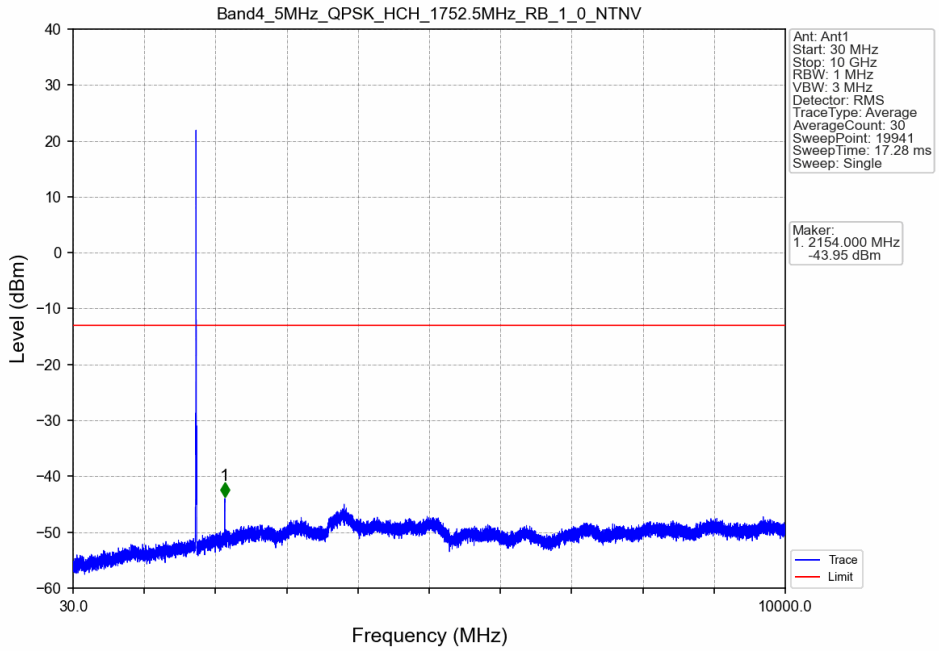
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



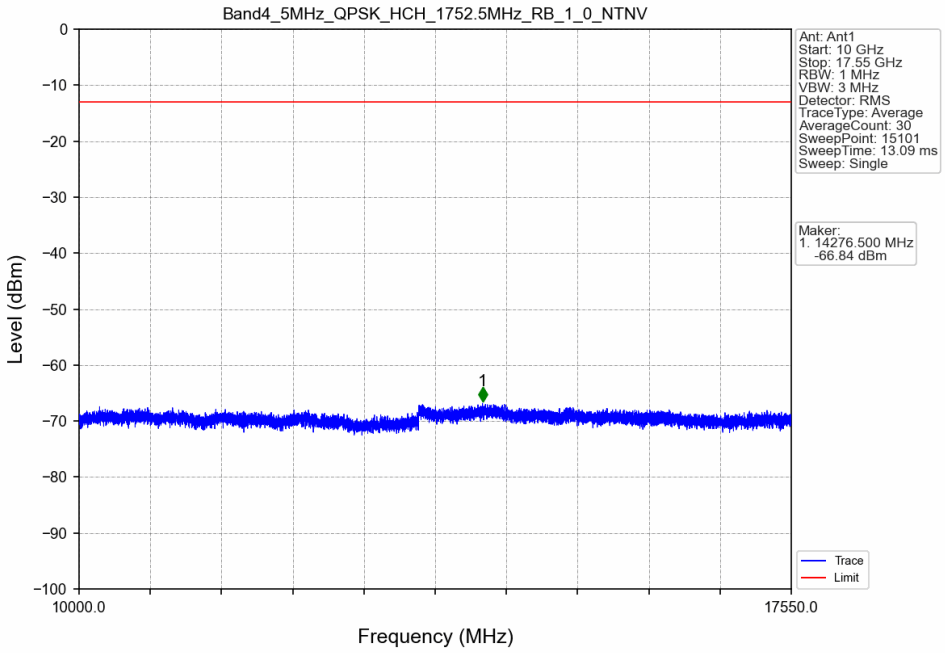

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



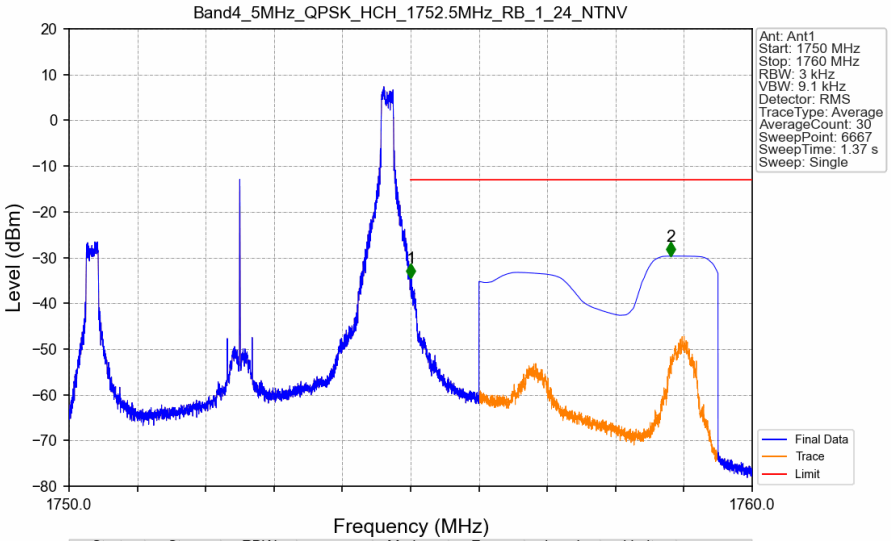
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV




Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

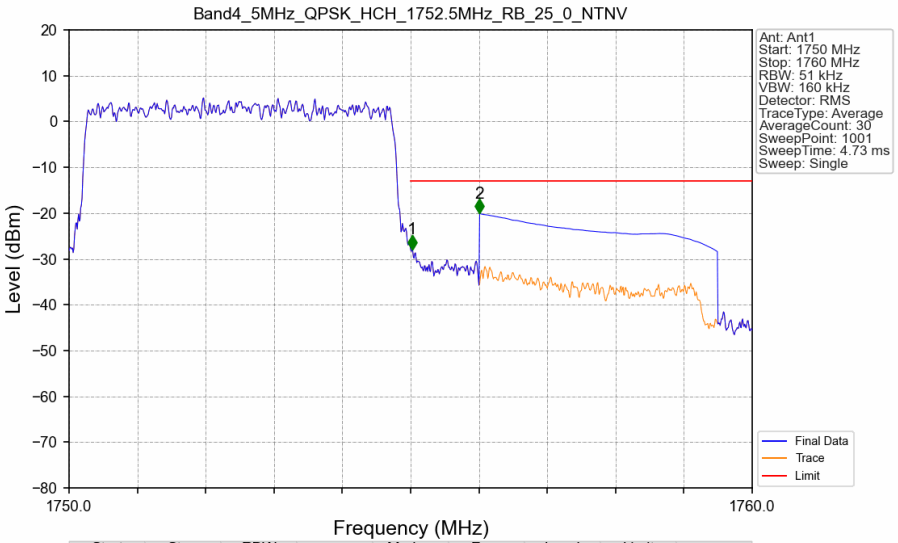


## Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



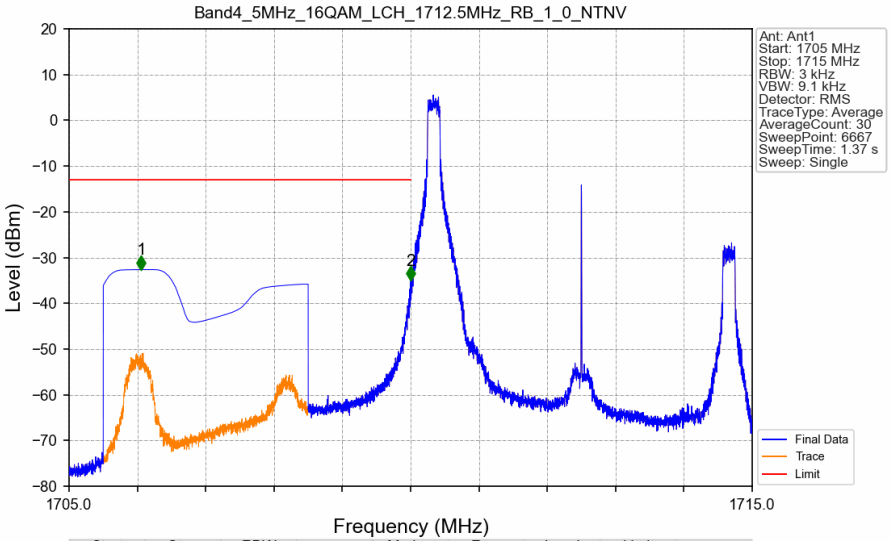

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1750 | 1755 | 0.003 | / | / | / | / | / | / |
| 1755 | 1756 | 0.003 | / | 1 | 1755.002 | -34.53 | -13 | Pass |
| 1756 | 1760 | 1 | CHP | 2 | 1758.804 | -29.69 | -13 | Pass |

## Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



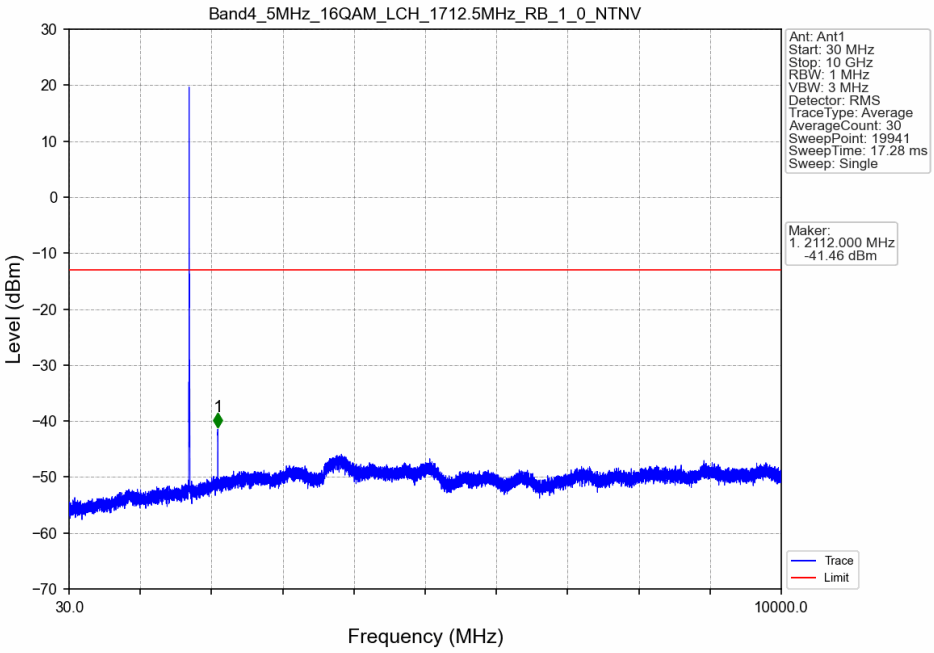

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1750 | 1755 | 0.051 | / | / | / | / | / | / |
| 1755 | 1756 | 0.051 | / | 1 | 1755.020 | -27.90 | -13 | Pass |
| 1756 | 1760 | 1 | CHP | 2 | 1756.010 | -20.11 | -13 | Pass |

## Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

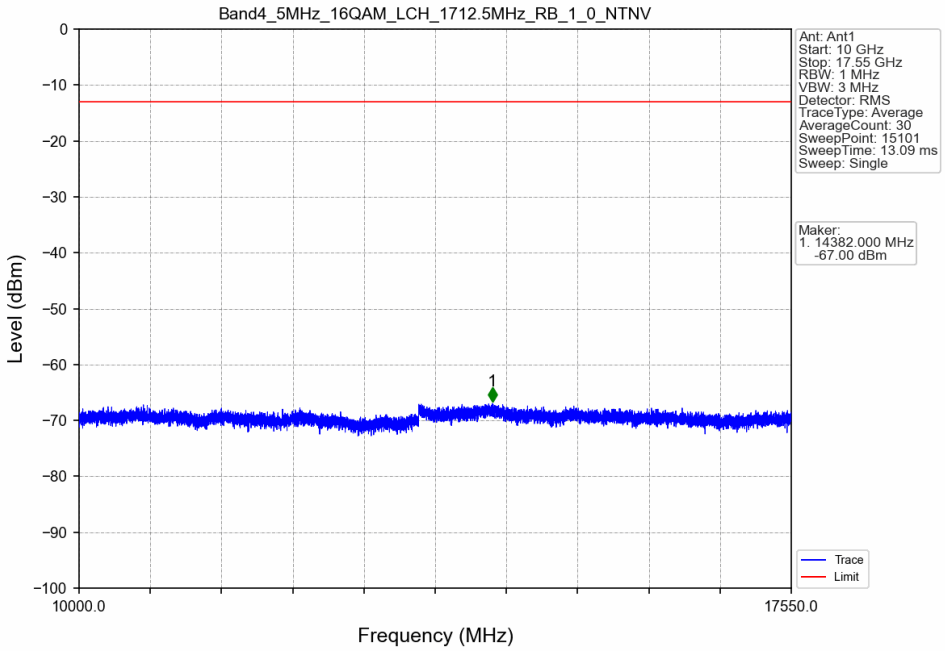



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1705 | 1709 | 1 | CHP | 1 | 1706.055 | -32.65 | -13 | Pass |
| 1709 | 1710 | 0.003 | / | 2 | 1710.000 | -35.05 | -13 | Pass |
| 1710 | 1715 | 0.003 | / | / | / | / | / | / |

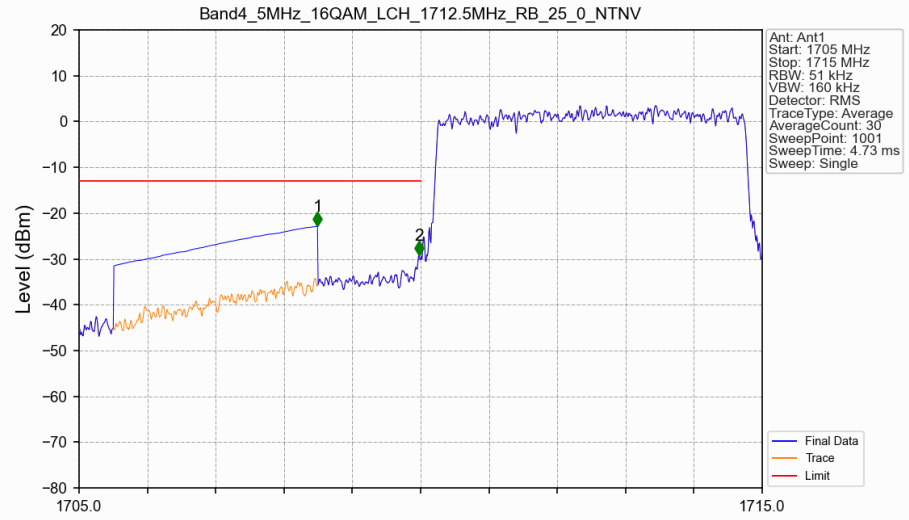
## Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



## Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

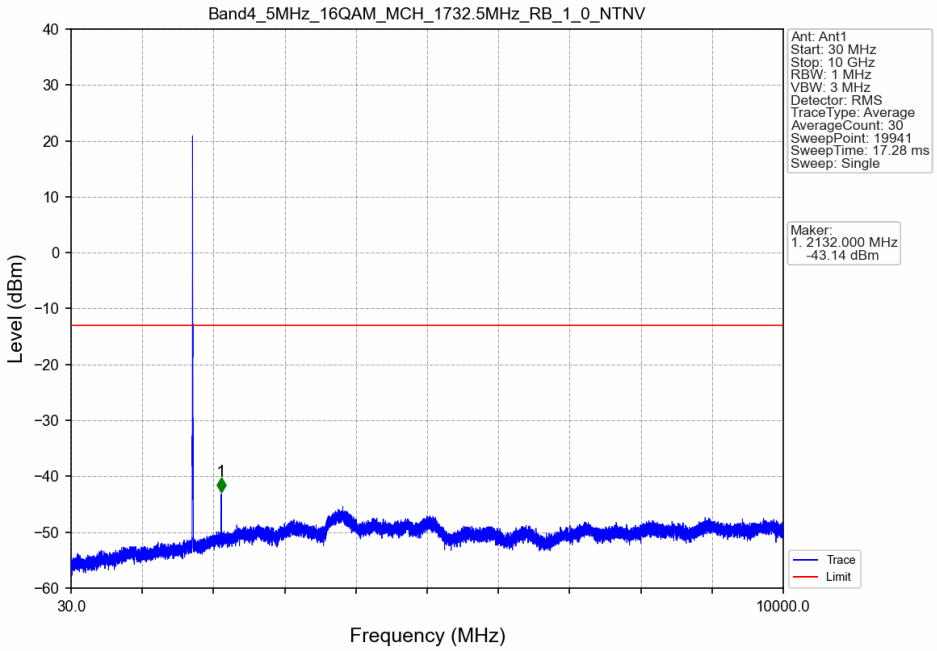



## Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

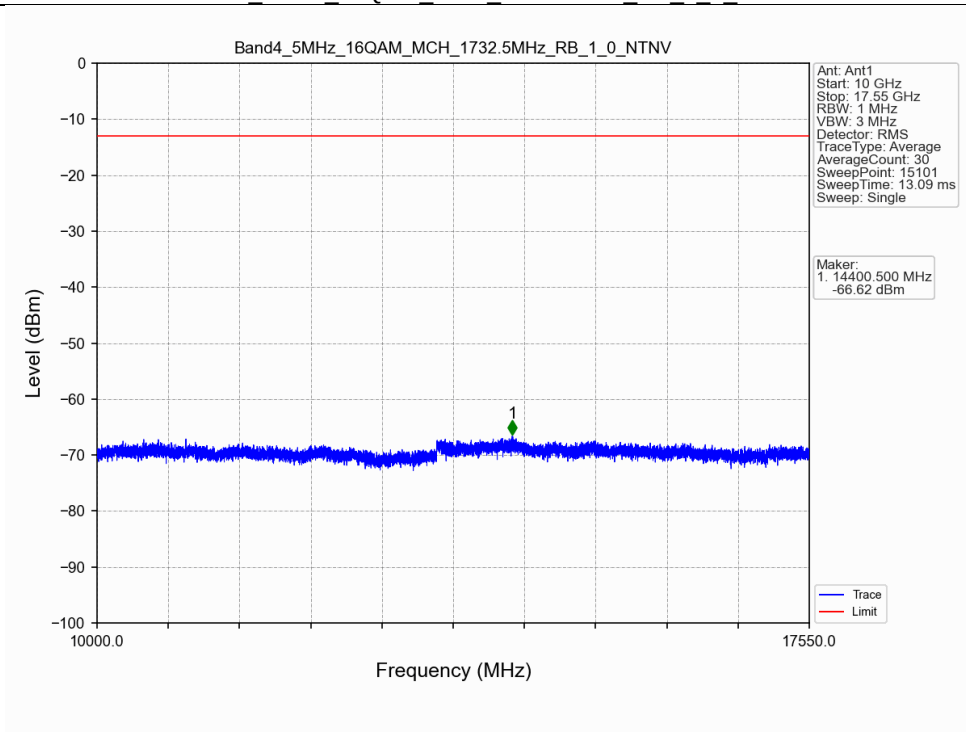



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1705 | 1709 | 1 | CHP | 1 | 1708.490 | -22.88 | -13 | Pass |
| 1709 | 1710 | 0.051 | / | 2 | 1709.980 | -29.21 | -13 | Pass |
| 1710 | 1715 | 0.051 | / | / | / | / | / | / |

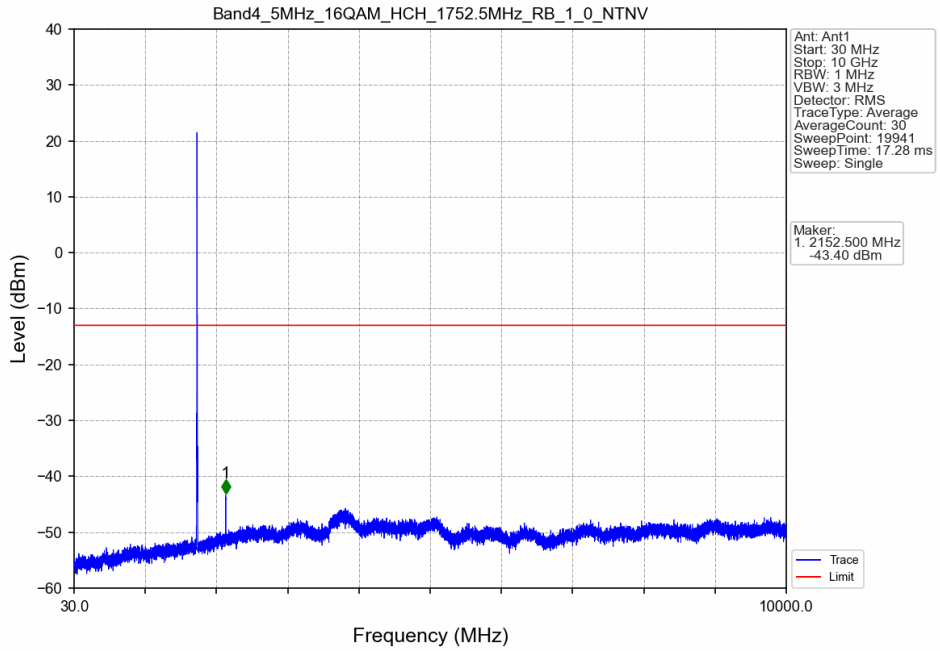
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



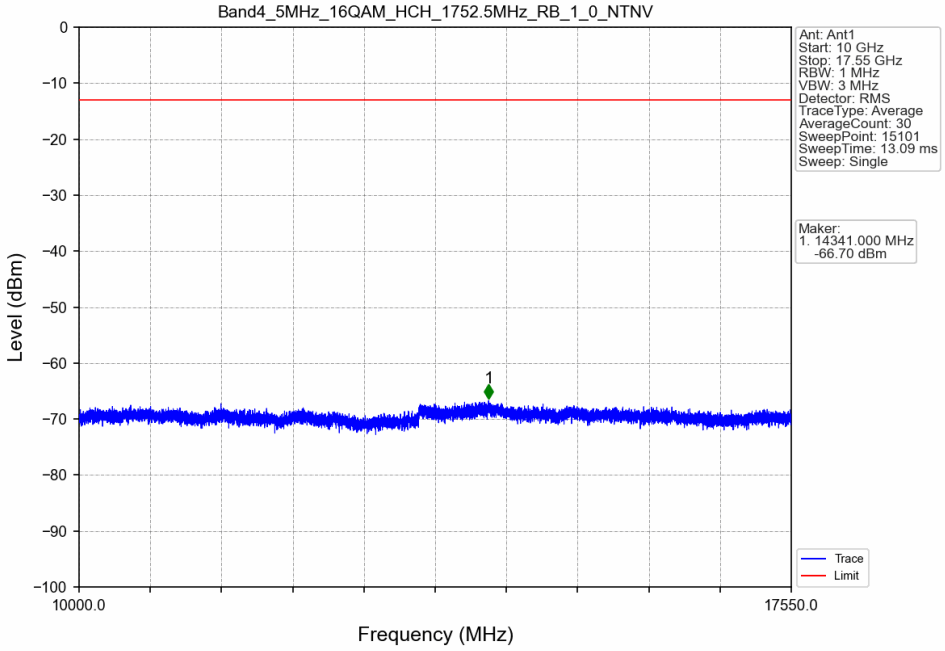

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



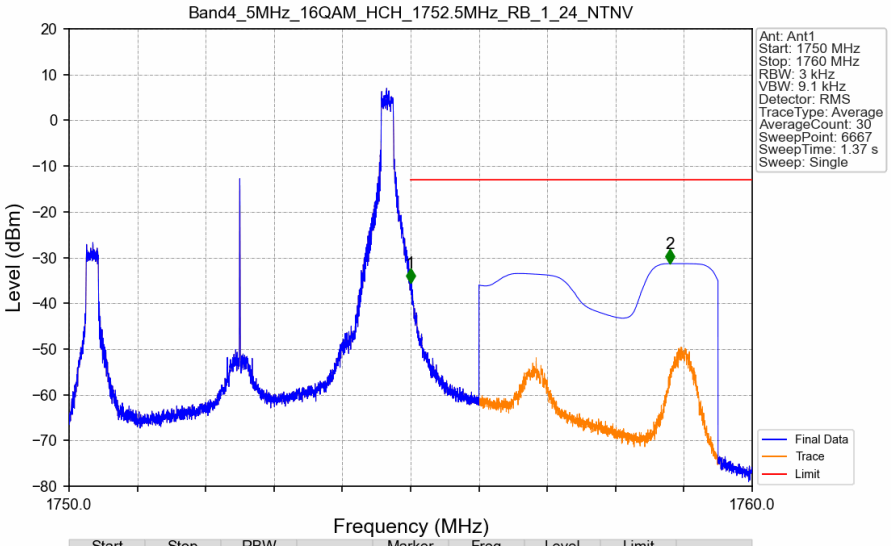
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV




Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV

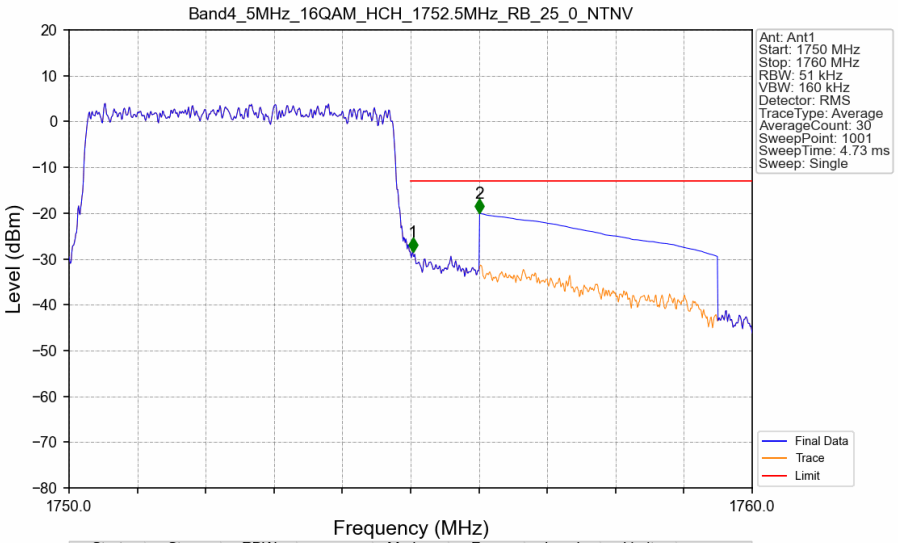


## Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1750 | 1755 | 0.003 | / | / | / | / | / | / |
| 1755 | 1756 | 0.003 | / | 1 | 1755.000 | -35.52 | -13 | Pass |
| 1756 | 1760 | 1 | CHP | 2 | 1758.794 | -31.33 | -13 | Pass |

## Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1750 | 1755 | 0.051 | / | / | / | / | / | / |
| 1755 | 1756 | 0.051 | / | 1 | 1755.030 | -28.55 | -13 | Pass |
| 1756 | 1760 | 1 | CHP | 2 | 1756.010 | -20.09 | -13 | Pass |

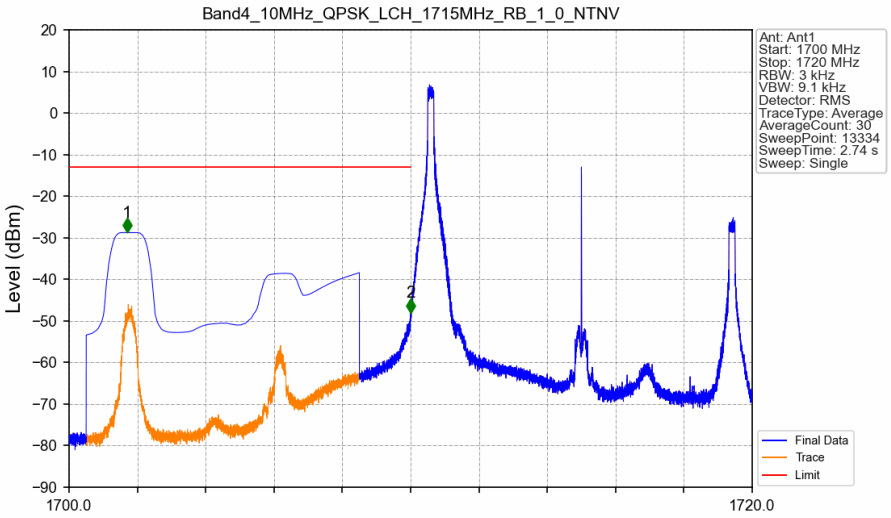
## 3.4 B4_10MHz

### 3.4.1 Test Result

| Band: 4 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1715 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 1732.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 1750 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 1715 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 1732.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 1750 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |

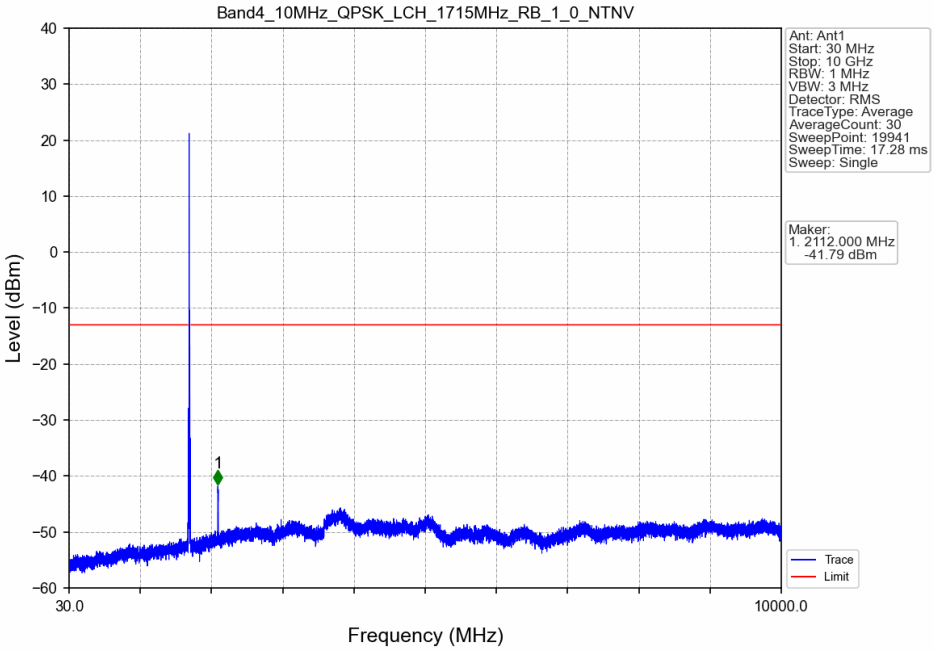
## 3.4.2 Test Graph

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

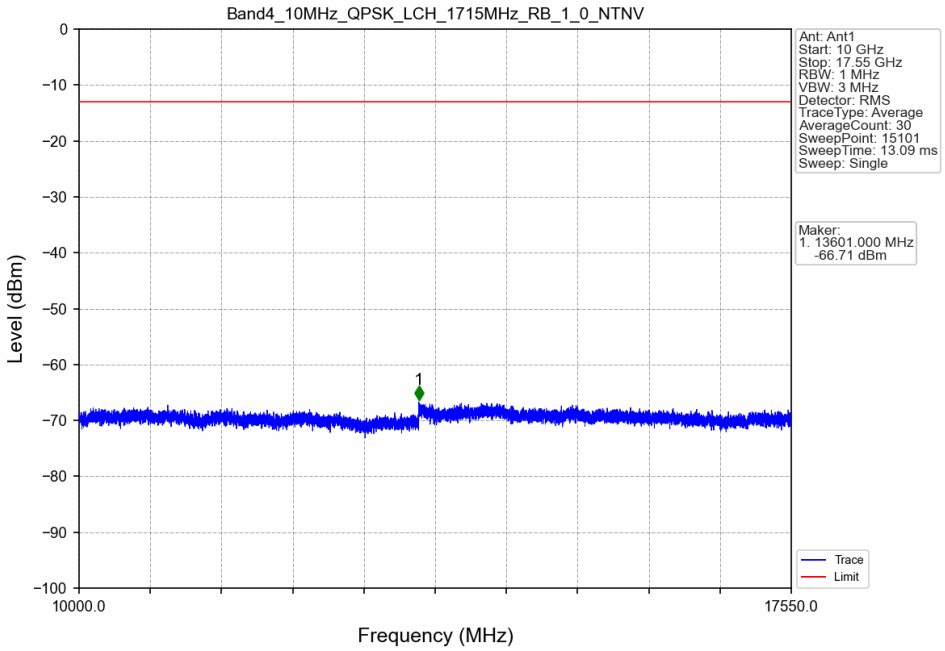



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1700 | 1709 | 1 | CHP | 1 | 1701.700 | -28.76 | -13 | Pass |
| 1709 | 1710 | 0.003 | / | 2 | 1709.998 | -48.02 | -13 | Pass |
| 1710 | 1720 | 0.003 | / | / | / | / | / | / |

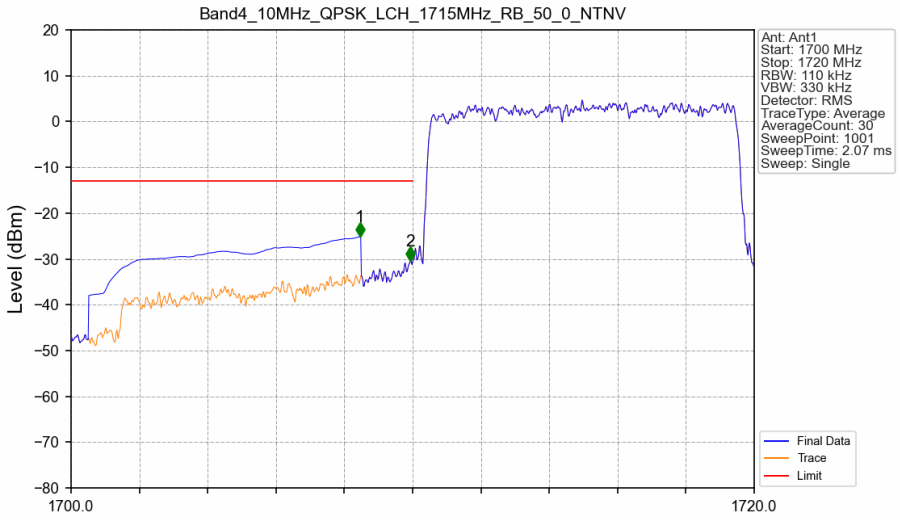
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



## Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

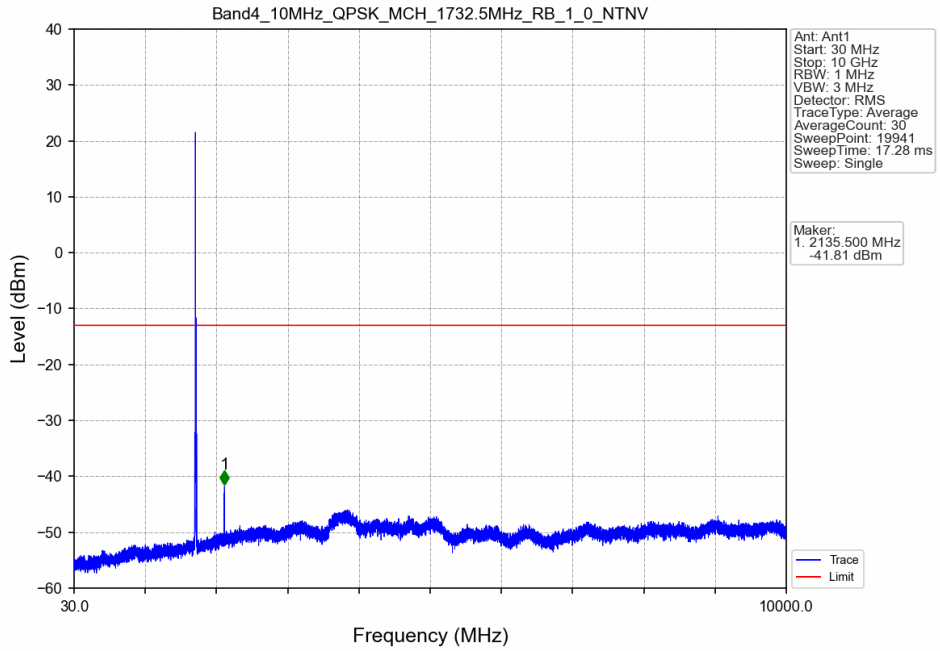


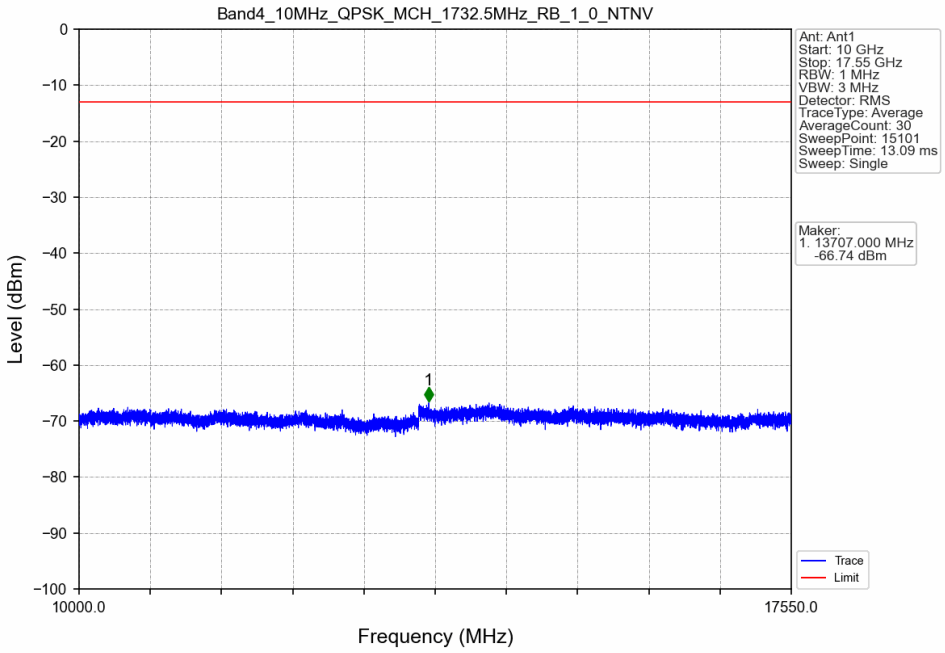

## Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1700 | 1709 | 1 | CHP | 1 | 1708.460 | -25.18 | -13 | Pass |
| 1709 | 1710 | 0.11 | / | 2 | 1709.940 | -30.42 | -13 | Pass |
| 1710 | 1720 | 0.11 | / | / | / | / | / | / |

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV




Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV