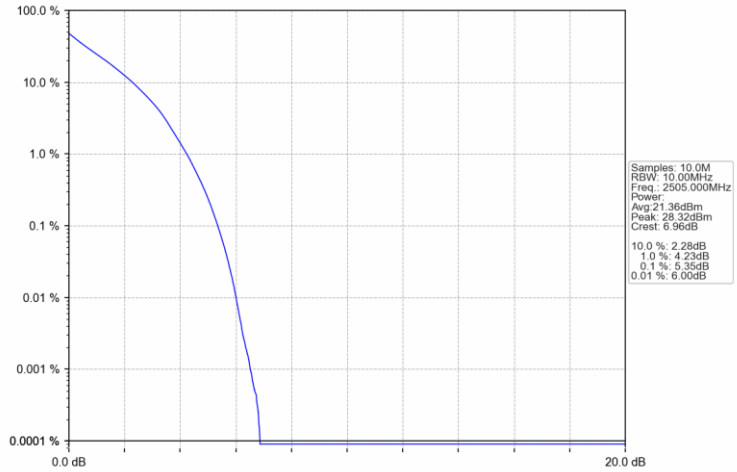
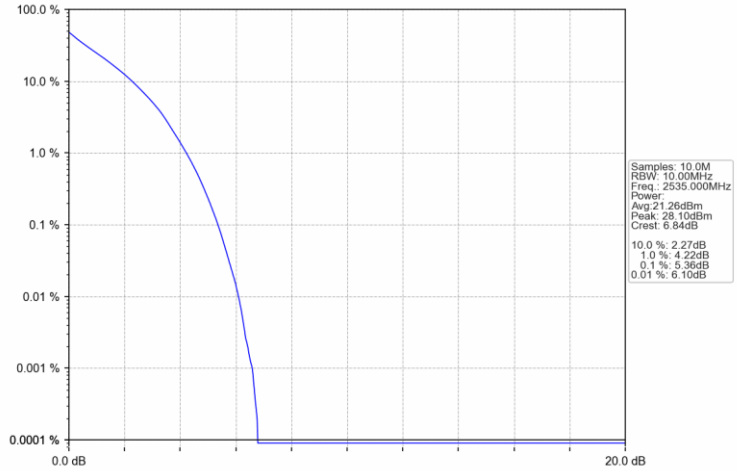
### 5.2.2 B7_10MHz

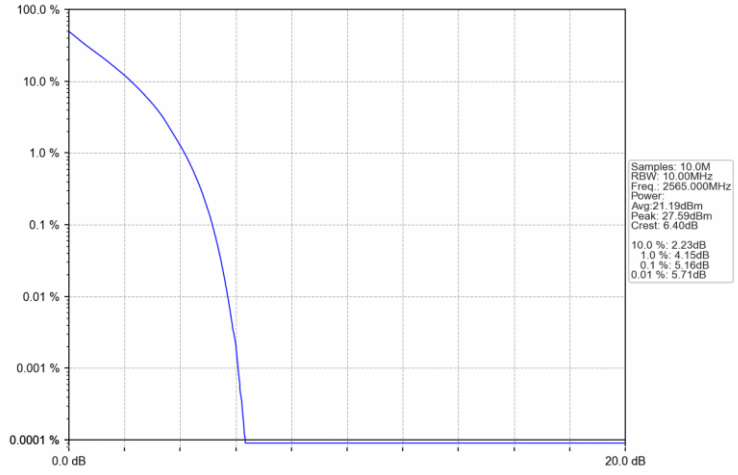
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



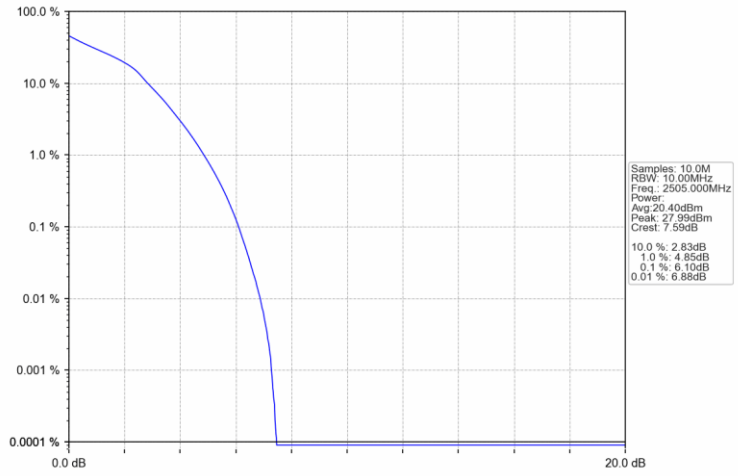

Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



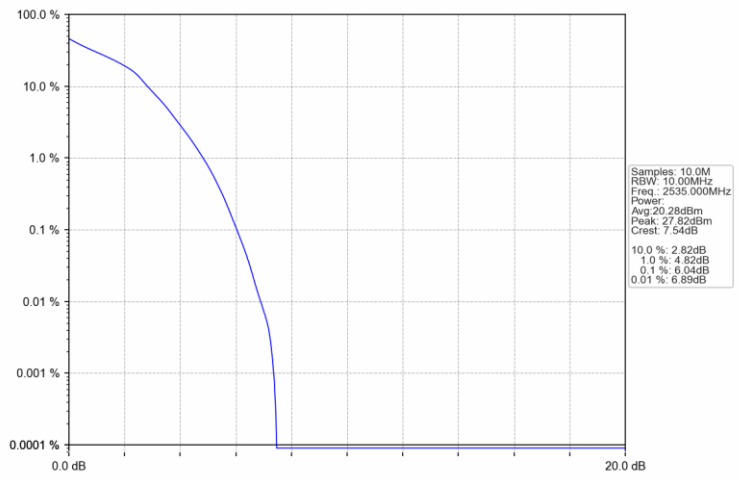
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



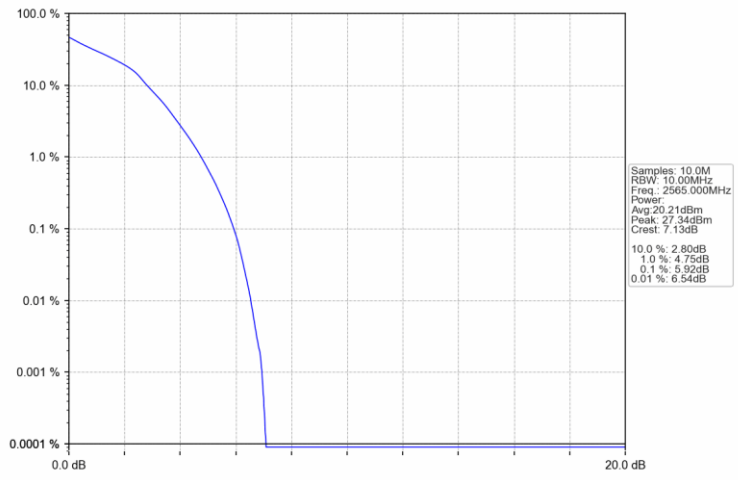

Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV

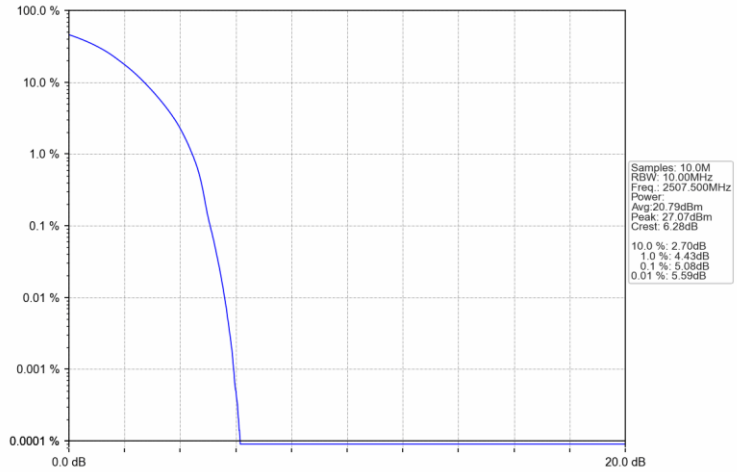



Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV

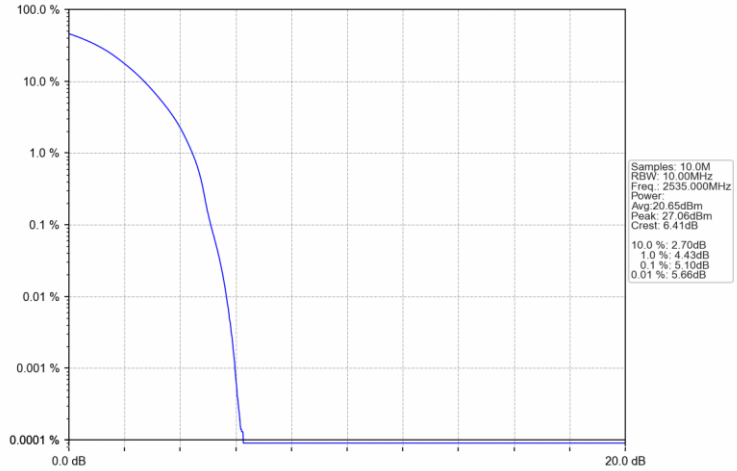


### 5.2.3 B7_15MHz

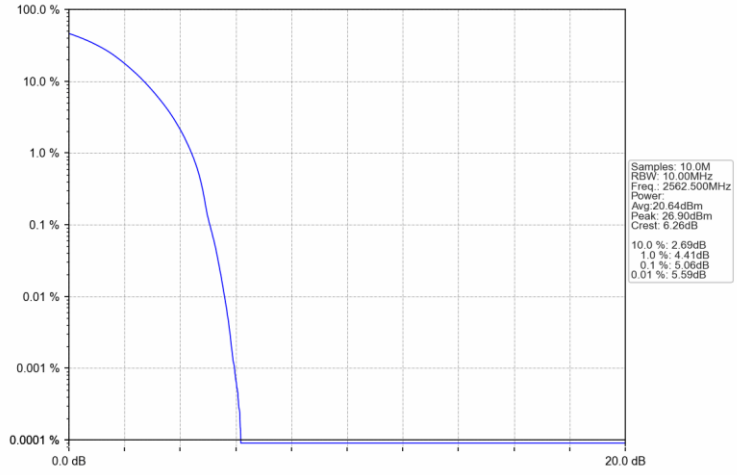
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



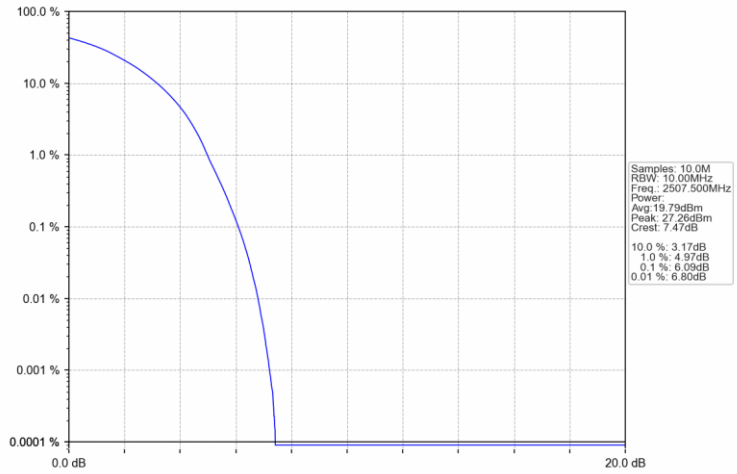

Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



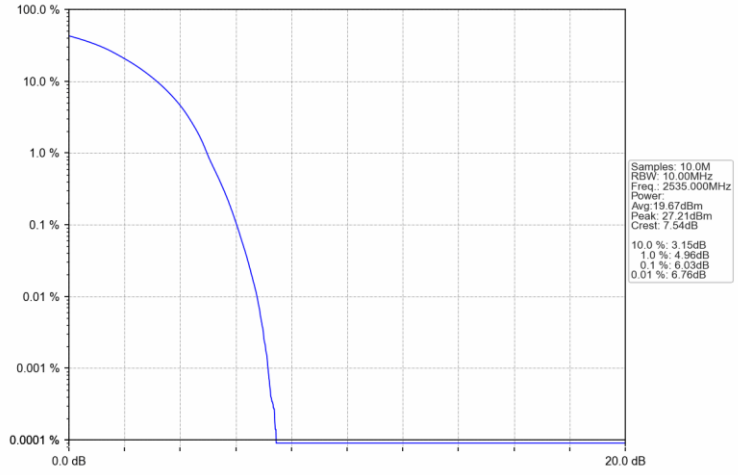
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



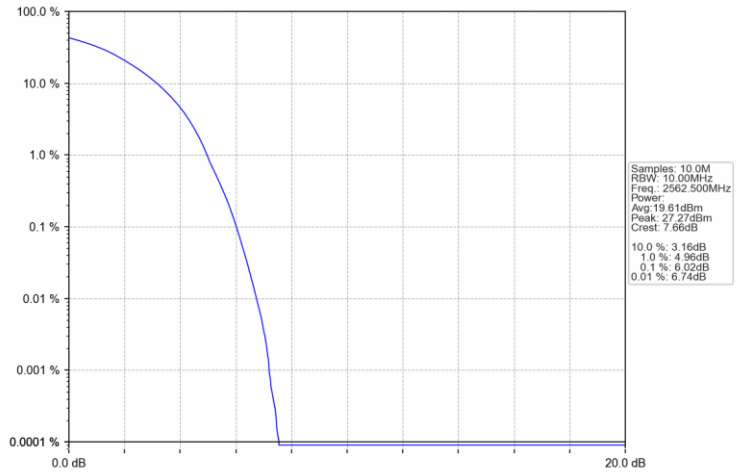

Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



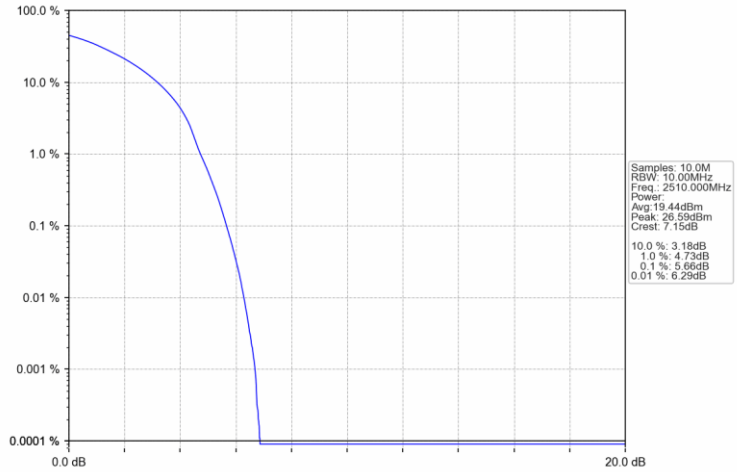
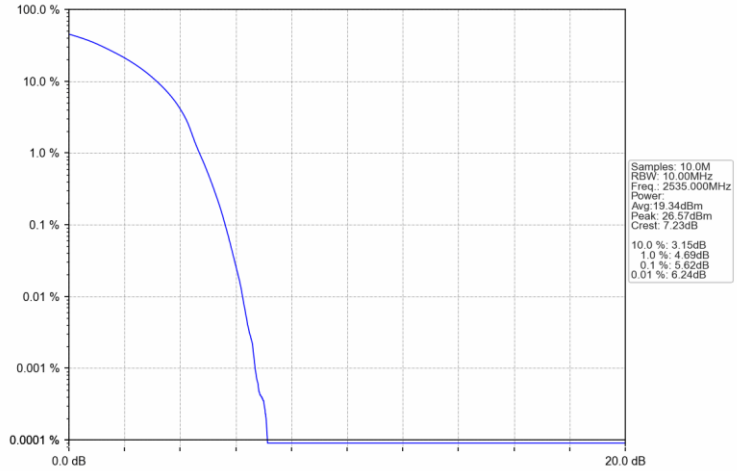
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



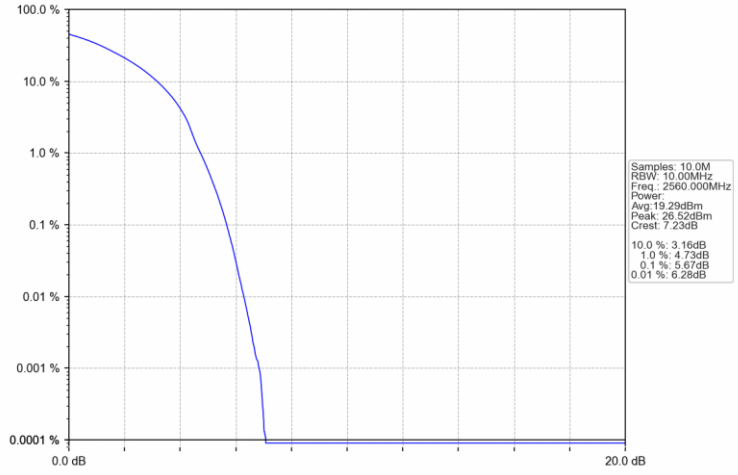

Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



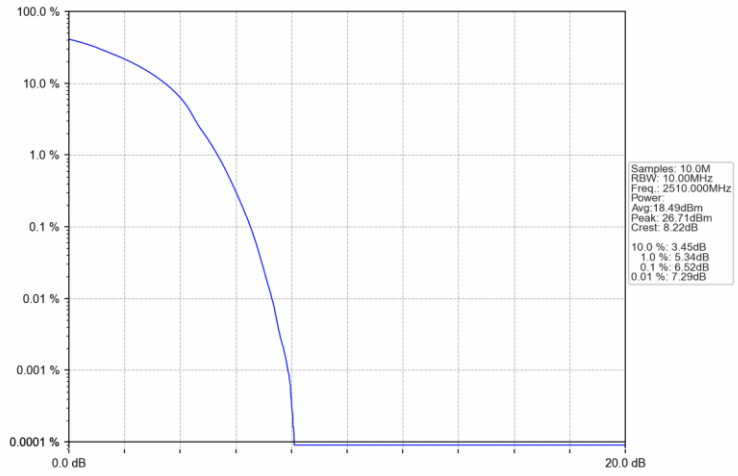
### 5.2.4 B7_20MHz

| Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV |
|---|
|  |
| Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV |
|  |

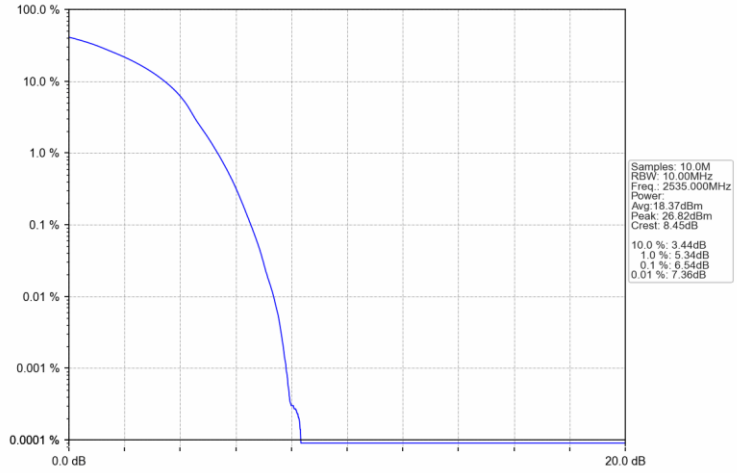
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



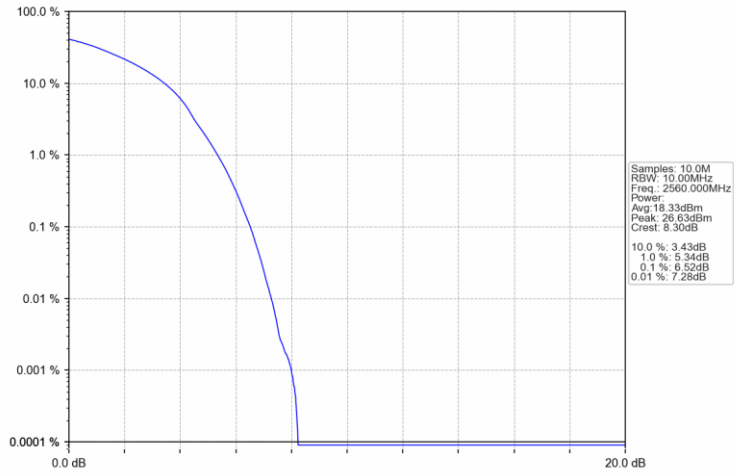

Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV




Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



# 6. Spurious Emission

## 6.1 Test Result

### 6.1.1 B7_5MHz

| Band: 7 / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 2502.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 2535 | 1 | 0 | Refer To Test Graph | | Pass |
| | 2567.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 2502.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 2535 | 1 | 0 | Refer To Test Graph | | Pass |
| | 2567.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |

### 6.1.2 B7_10MHz

| Band: 7 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 2505 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 2535 | 1 | 0 | Refer To Test Graph | | Pass |
| | 2565 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 2505 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 2535 | 1 | 0 | Refer To Test Graph | | Pass |
| | 2565 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |

### 6.1.3 B7_15MHz

| Band: 7 / Bandwidth: 15MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 2507.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 75 | 0 | Refer To Test Graph | | Pass |
| | 2535 | 1 | 0 | Refer To Test Graph | | Pass |
| | 2562.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 74 | Refer To Test Graph | | Pass |
| | | 75 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 2507.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 75 | 0 | Refer To Test Graph | | Pass |

| | | | | | |
|---|---|---|---|---|---|
| | 2535 | 1 | 0 | Refer To Test Graph | Pass |
| | 2562.5 | 1 | 0 | Refer To Test Graph | Pass |
| | | | 74 | Refer To Test Graph | Pass |
| | | 75 | 0 | Refer To Test Graph | Pass |

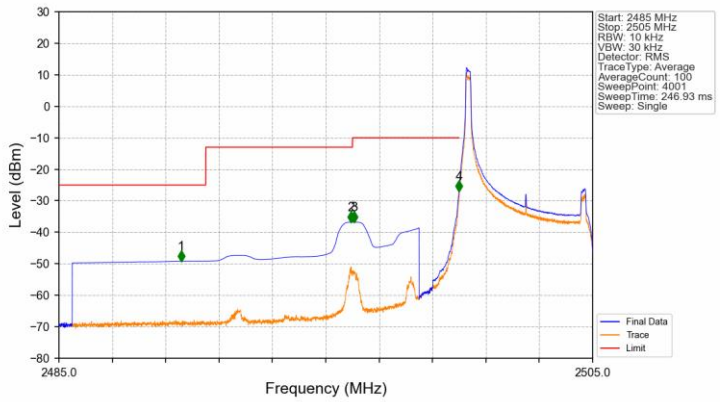
### 6.1.4 B7_20MHz

| Band: 7 / Bandwidth: 20MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 2510 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass |
| | 2535 | 1 | 0 | Refer To Test Graph | | Pass |
| | 2560 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 99 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 2510 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass |
| | 2535 | 1 | 0 | Refer To Test Graph | | Pass |
| | 2560 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 99 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass |

## 6.2 Test Graph

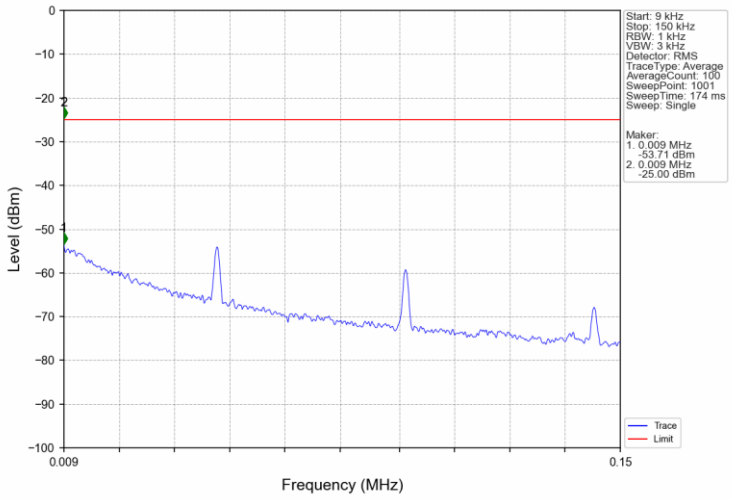
### 6.2.1 B7_5MHz

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

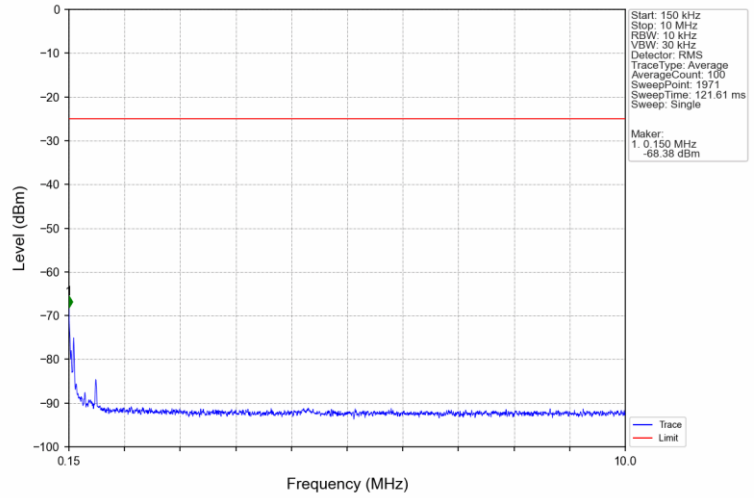



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2489.585 | -49.19 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2495.945 | -36.82 | -13 | Pass |
| 2496 | 2499 | 1 | CHP | 3 | 2496.060 | -36.81 | -10 | Pass |
| 2499 | 2500 | 0.02 | CHP | 4 | 2499.995 | -27.04 | -10 | Pass |
| 2500 | 2505 | 0.02 | CHP | / | / | / | / | / |

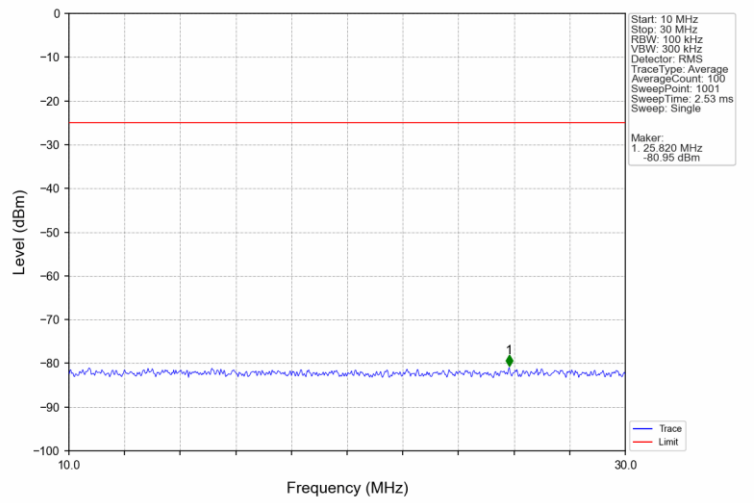
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



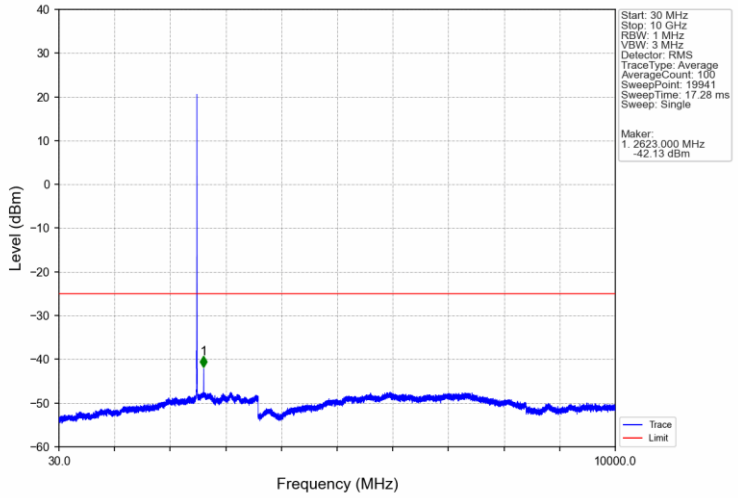
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



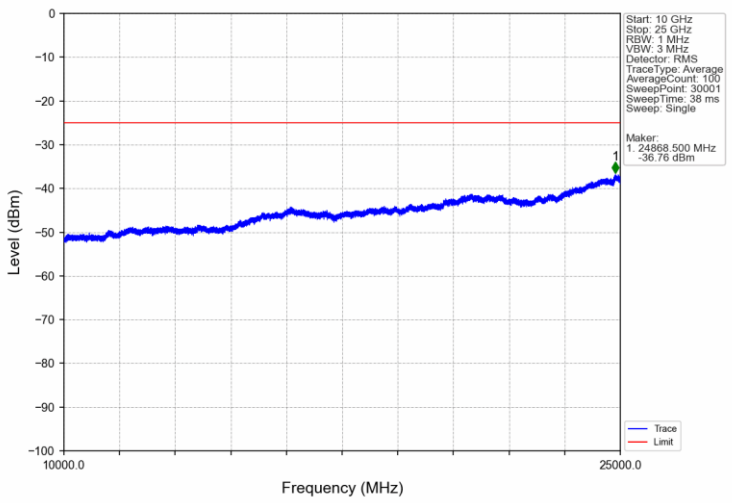

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



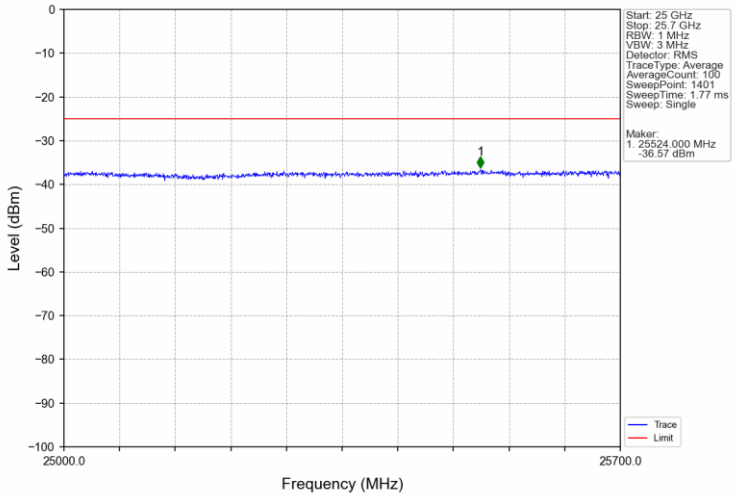
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



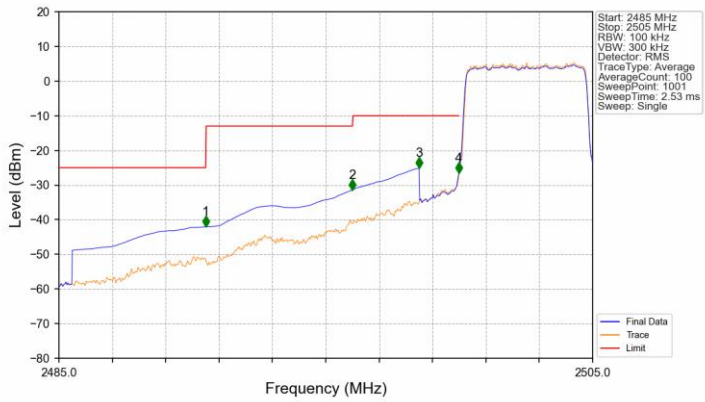

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

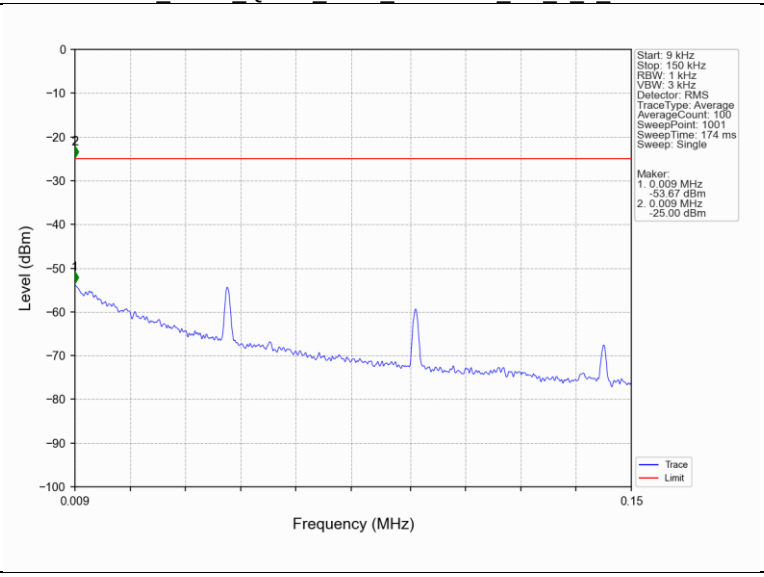



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

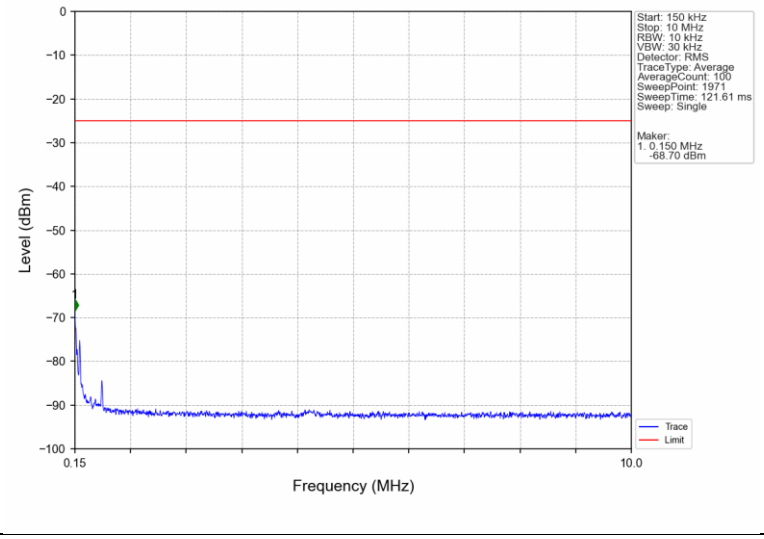



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.500 | -42.02 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2496.000 | -31.42 | -13 | Pass |
| 2496 | 2499 | 1 | CHP | 3 | 2498.500 | -25.12 | -10 | Pass |
| 2499 | 2500 | 0.107 | CHP | 4 | 2499.980 | -26.65 | -10 | Pass |
| 2500 | 2505 | 0.107 | CHP | / | / | / | / | / |

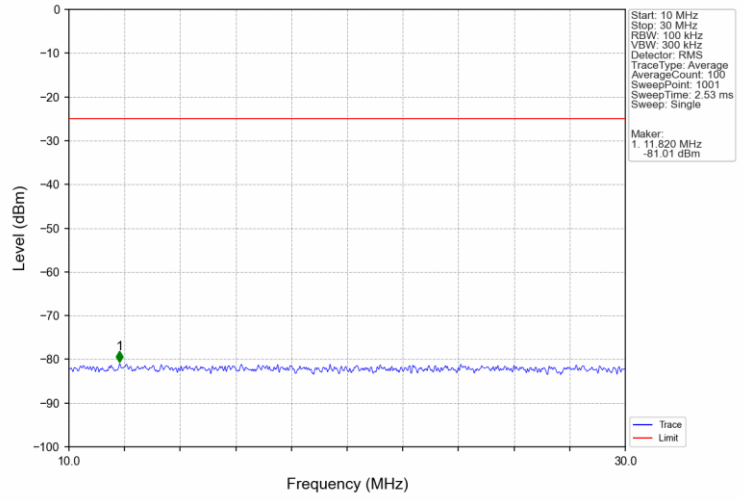
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



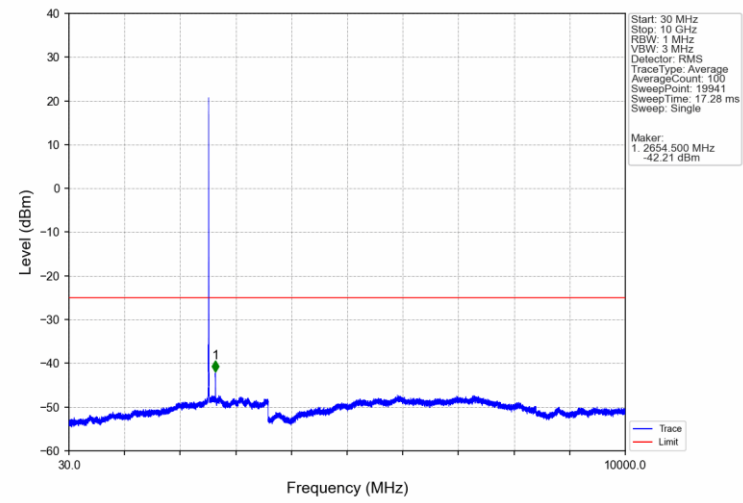

Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



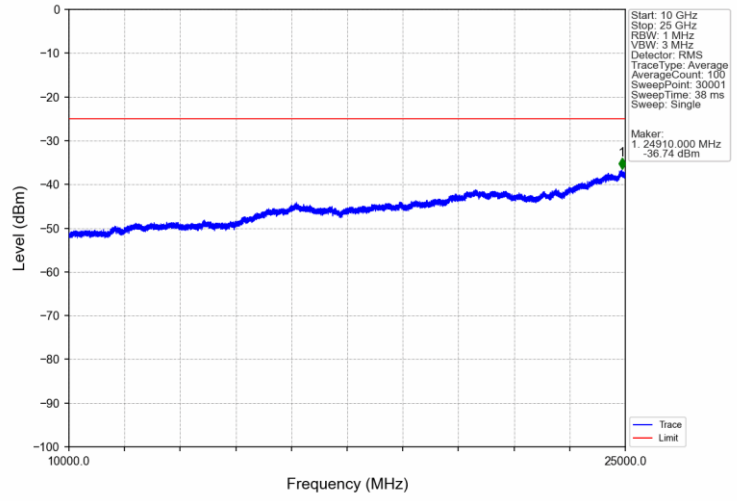
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



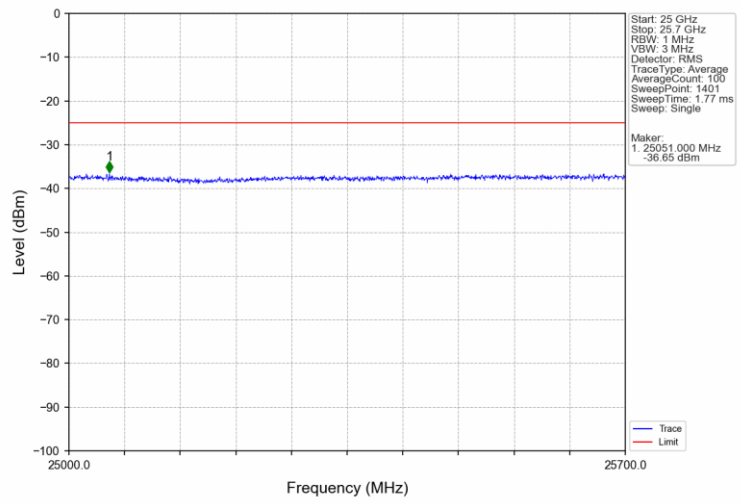

Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



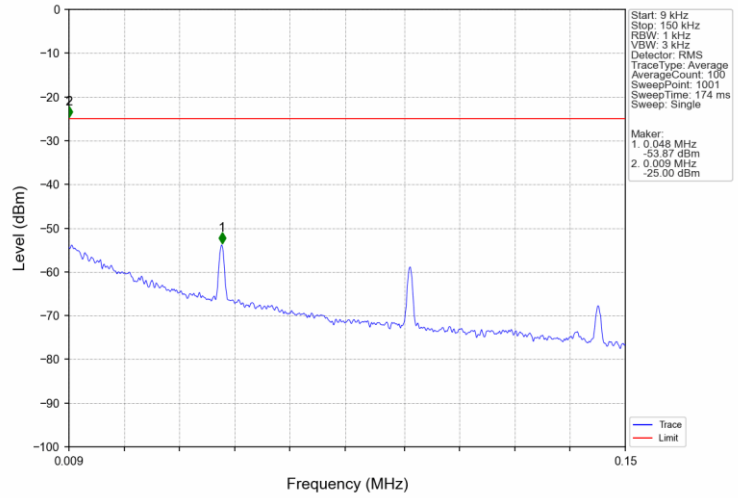
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



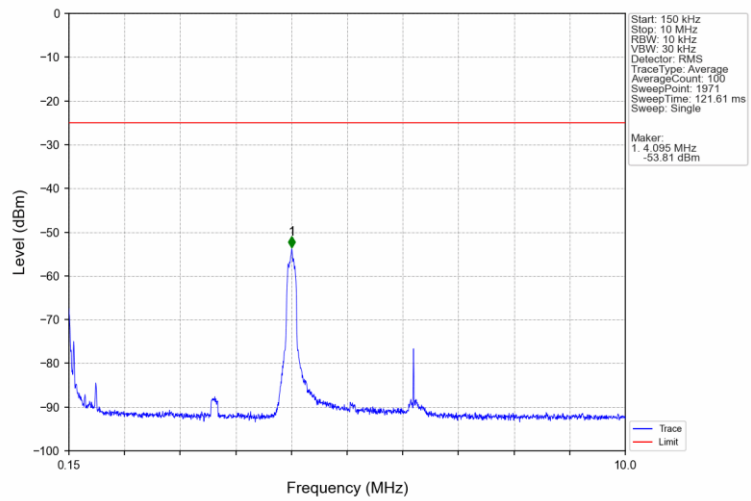

Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



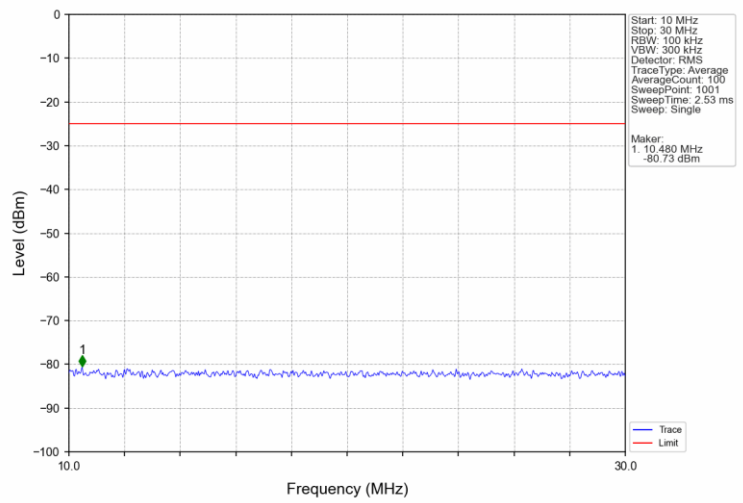
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



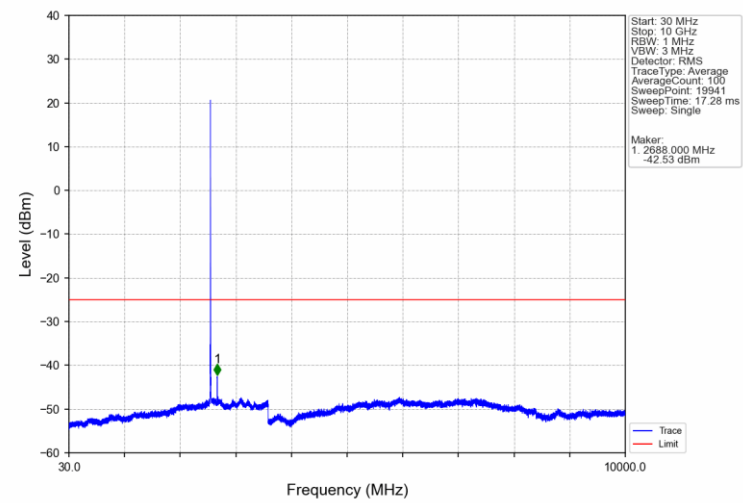

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



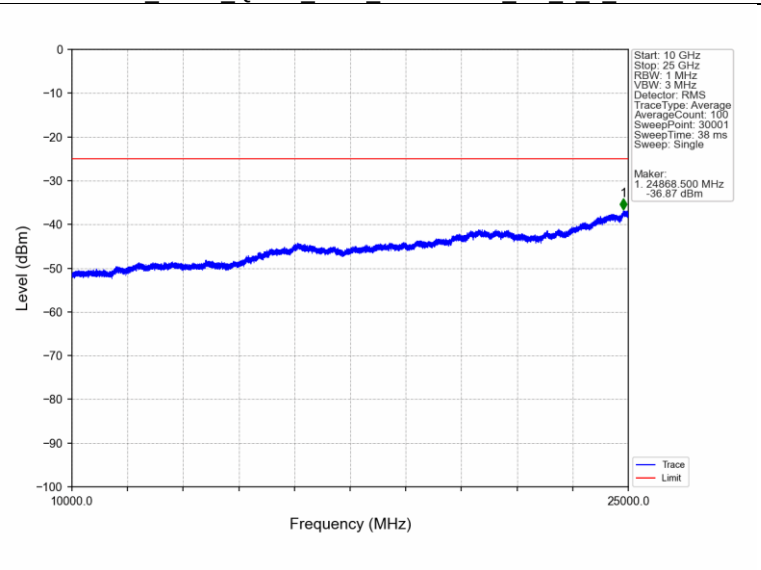
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



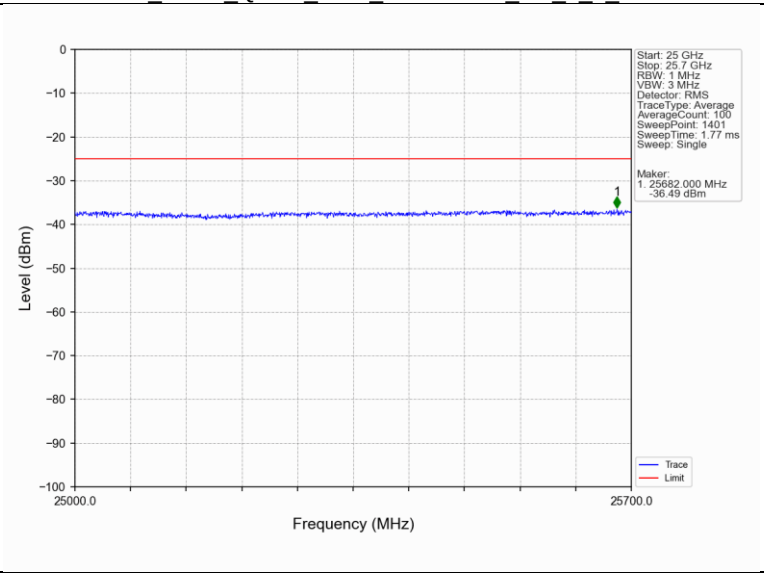

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



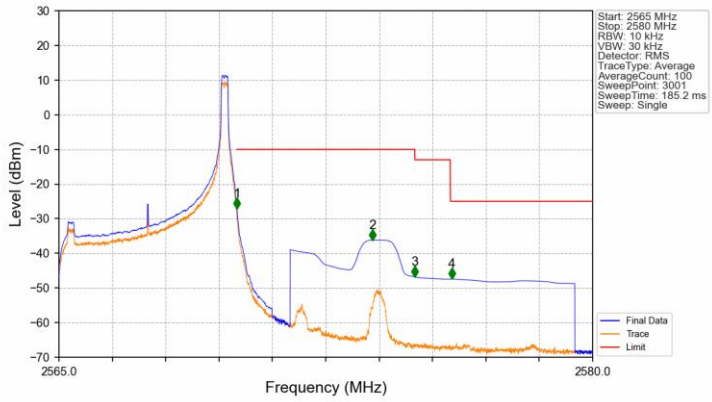
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV




Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

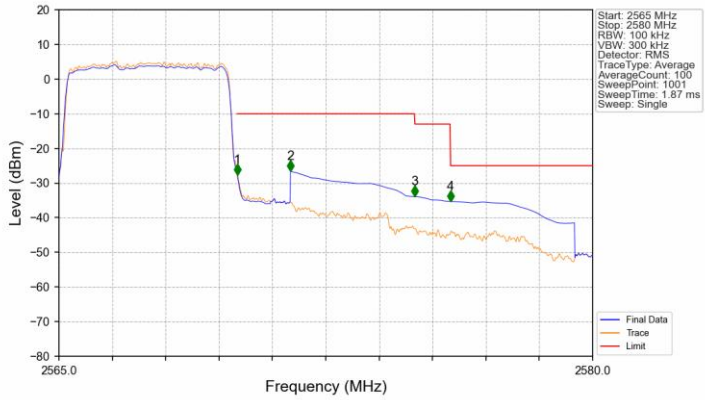


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



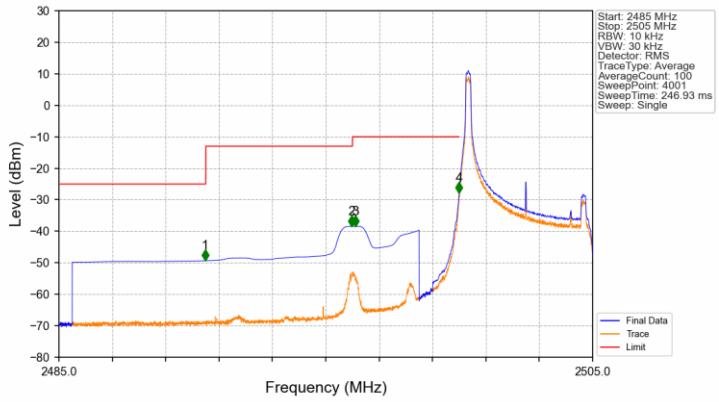

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2565 | 2570 | 0.02 | CHP | / | / | / | / | / |
| 2570 | 2571 | 0.02 | CHP | 1 | 2570.005 | -27.08 | -10 | Pass |
| 2571 | 2575 | 1 | CHP | 2 | 2573.820 | -36.22 | -10 | Pass |
| 2575 | 2576 | 1 | CHP | 3 | 2575.005 | -46.84 | -13 | Pass |
| 2576 | 2580 | 1 | CHP | 4 | 2576.040 | -47.42 | -25 | Pass |

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



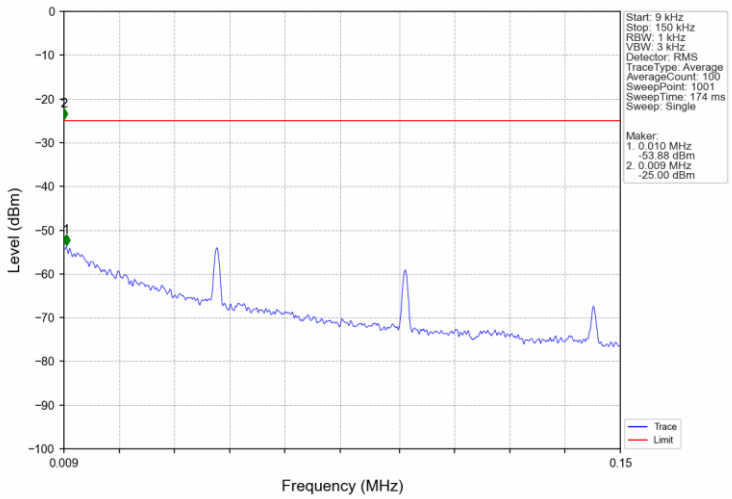

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2565 | 2570 | 0.101 | CHP | / | / | / | / | / |
| 2570 | 2571 | 0.101 | CHP | 1 | 2570.010 | -27.65 | -10 | Pass |
| 2571 | 2575 | 1 | CHP | 2 | 2571.510 | -26.62 | -10 | Pass |
| 2575 | 2576 | 1 | CHP | 3 | 2575.005 | -33.94 | -13 | Pass |
| 2576 | 2580 | 1 | CHP | 4 | 2576.010 | -35.26 | -25 | Pass |

Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV

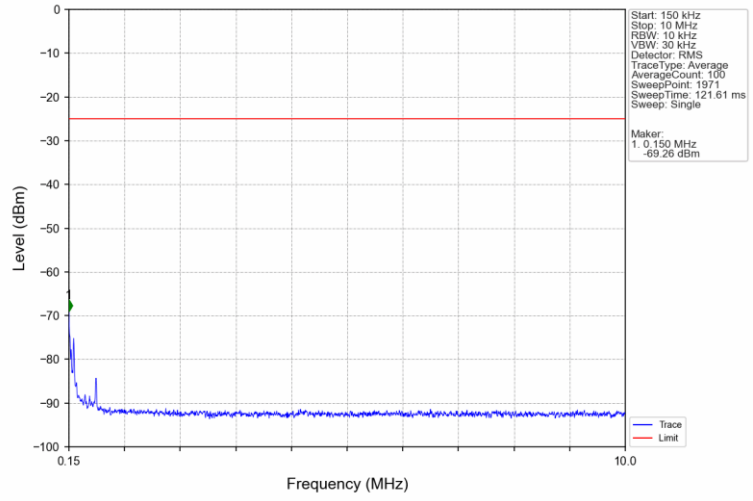



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.475 | -49.34 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2495.970 | -38.43 | -13 | Pass |
| 2496 | 2499 | 1 | CHP | 3 | 2496.120 | -38.41 | -10 | Pass |
| 2499 | 2500 | 0.02 | CHP | 4 | 2499.995 | -27.88 | -10 | Pass |
| 2500 | 2505 | 0.02 | CHP | / | / | / | / | / |

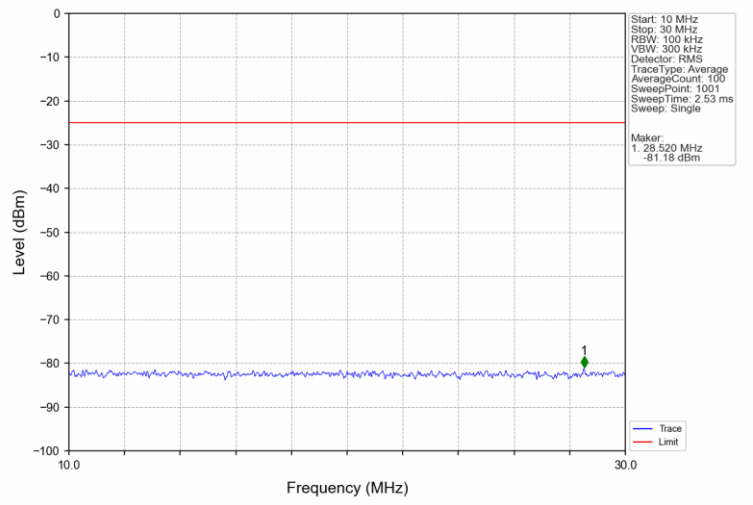
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



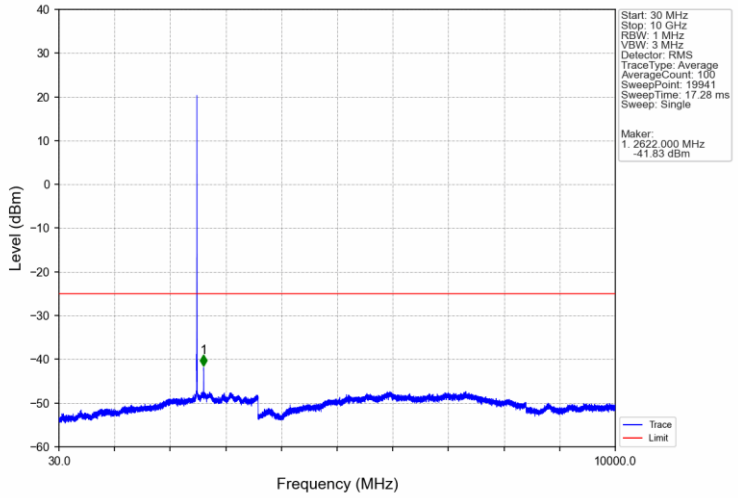
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



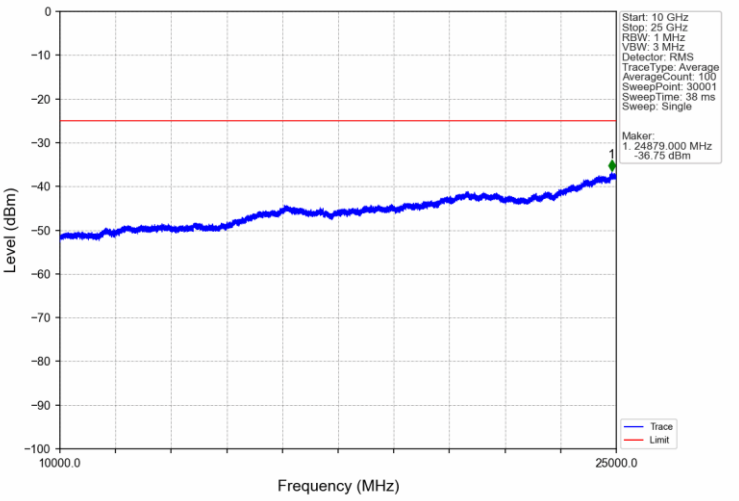

Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



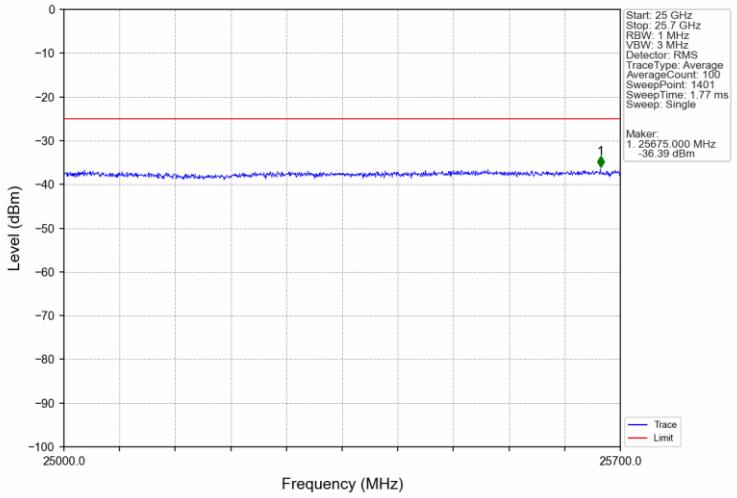
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



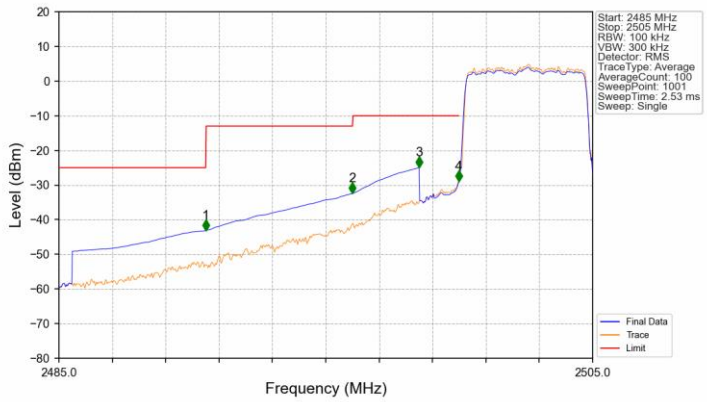

Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV

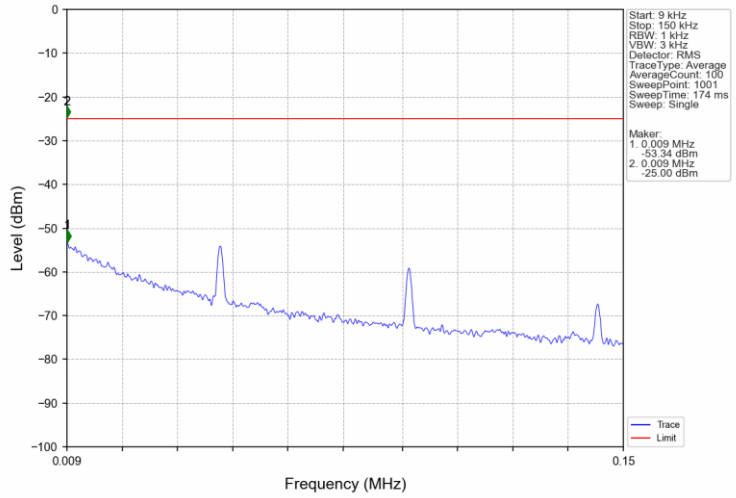



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV

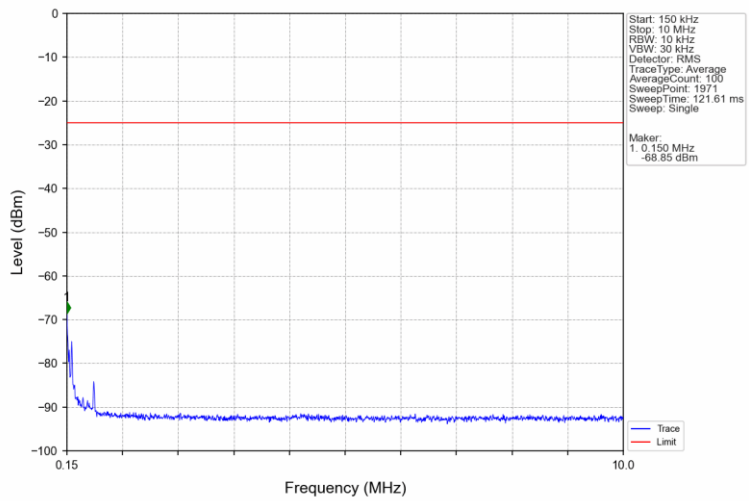



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.500 | -43.09 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2496.000 | -32.44 | -13 | Pass |
| 2496 | 2499 | 1 | CHP | 3 | 2498.500 | -24.95 | -10 | Pass |
| 2499 | 2500 | 0.101 | CHP | 4 | 2499.980 | -29.02 | -10 | Pass |
| 2500 | 2505 | 0.101 | CHP | / | / | / | / | / |

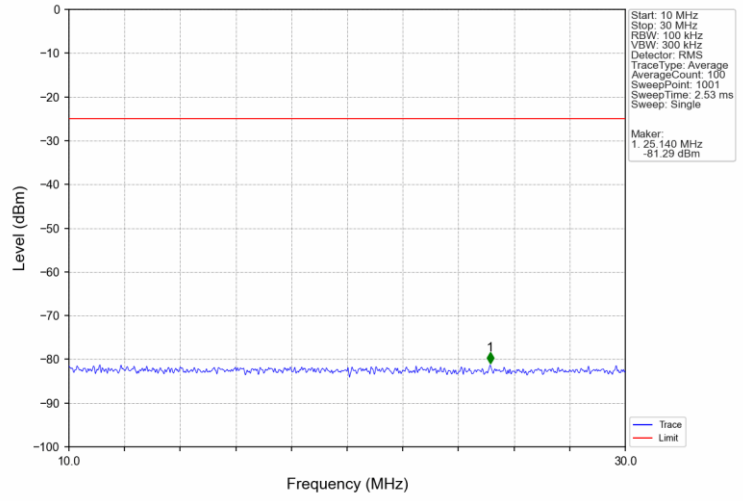
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



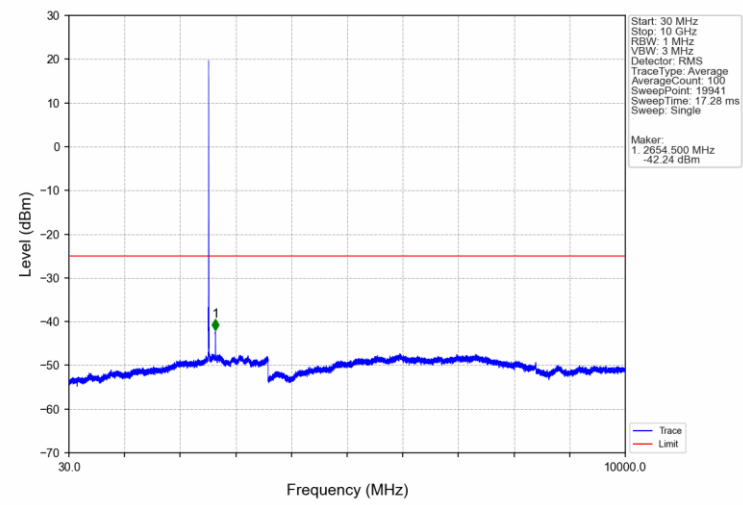

Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



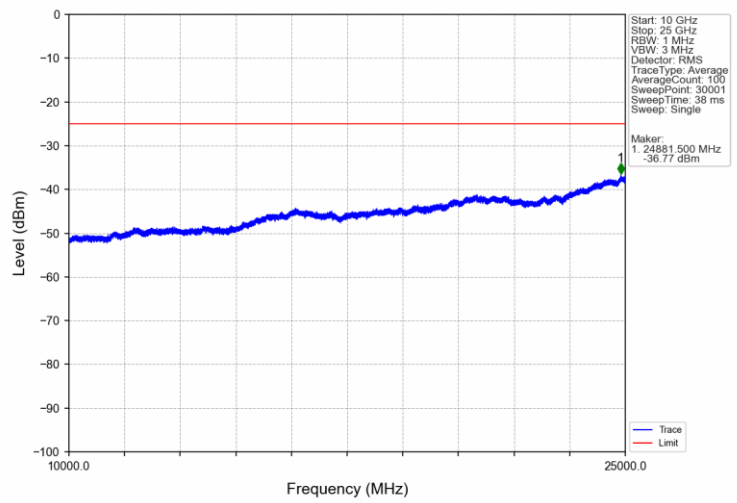
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



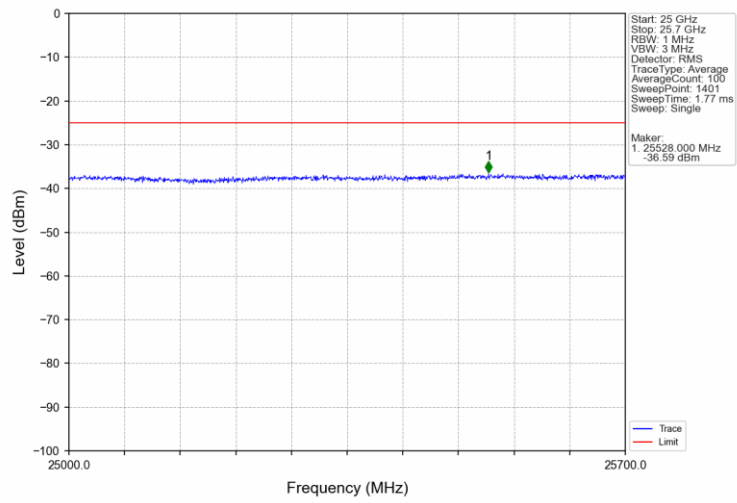

Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



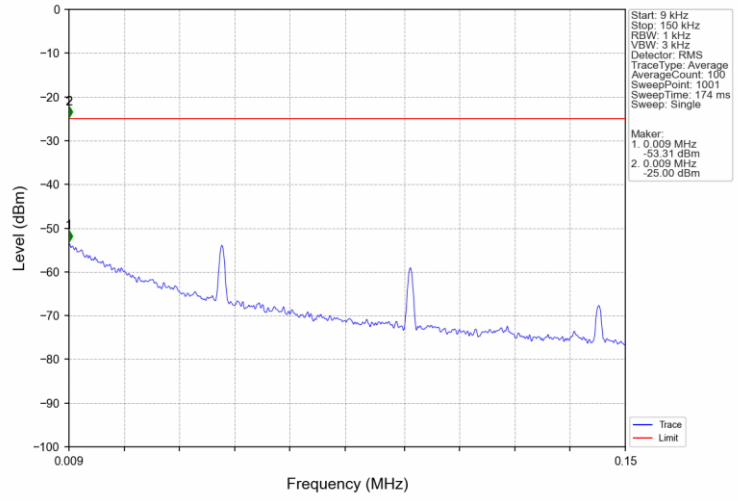
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



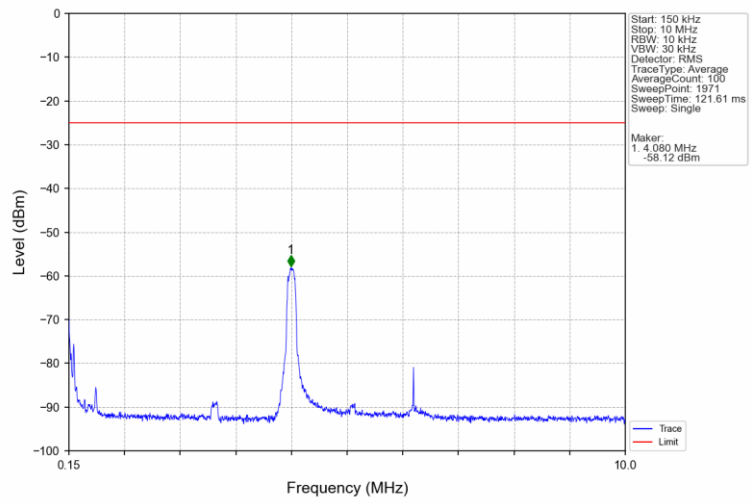

Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



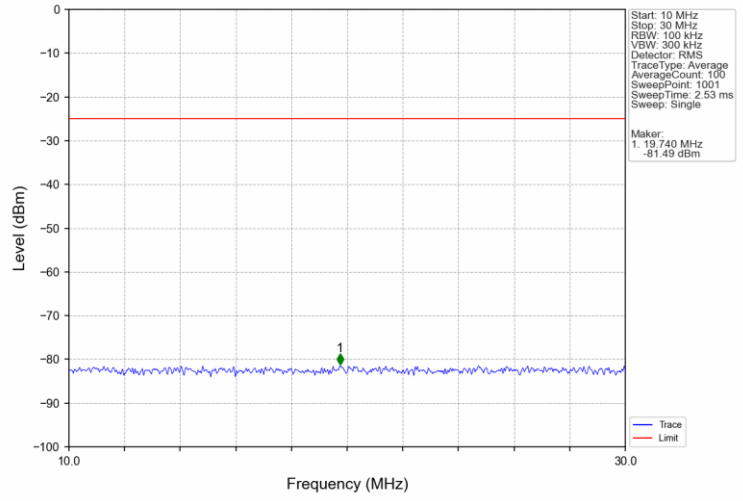
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



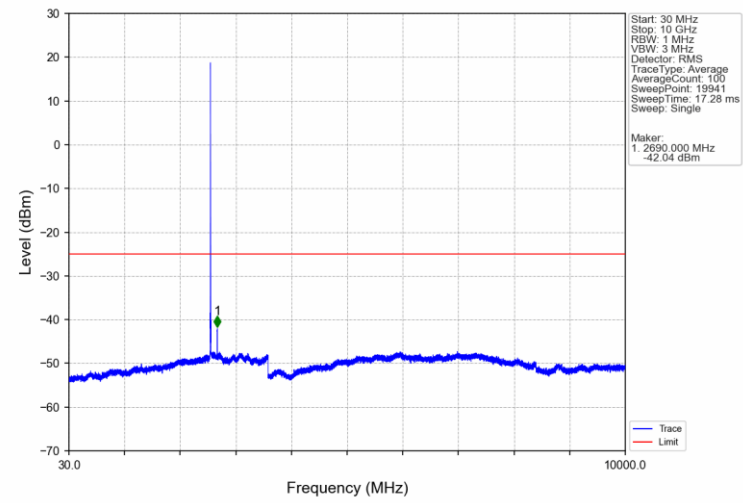

Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



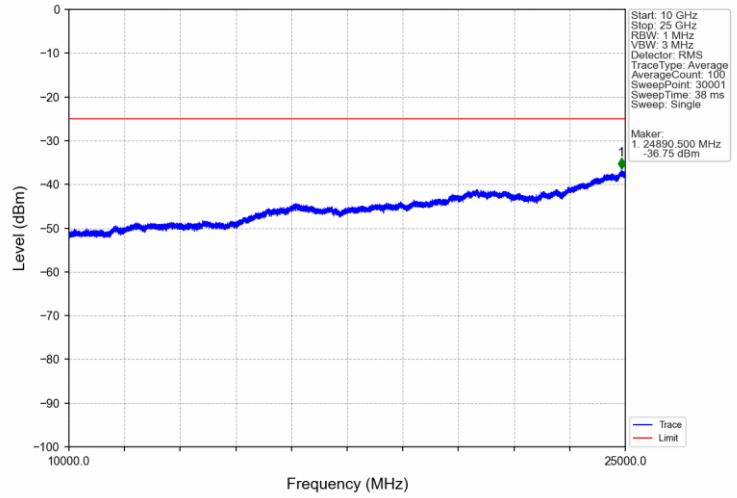
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



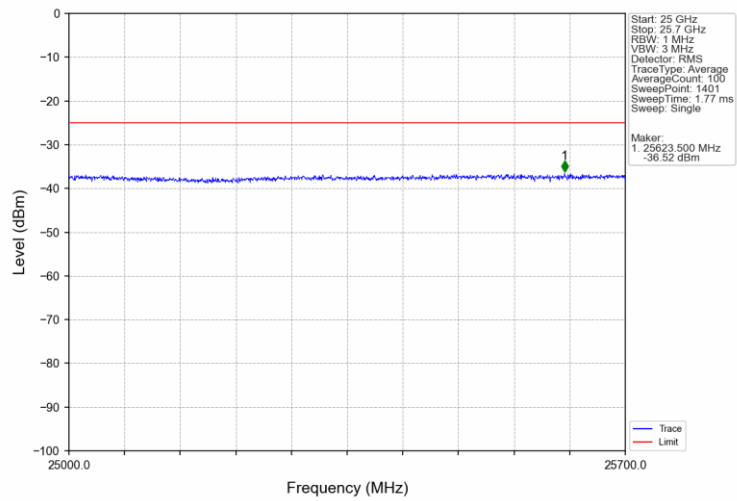

Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



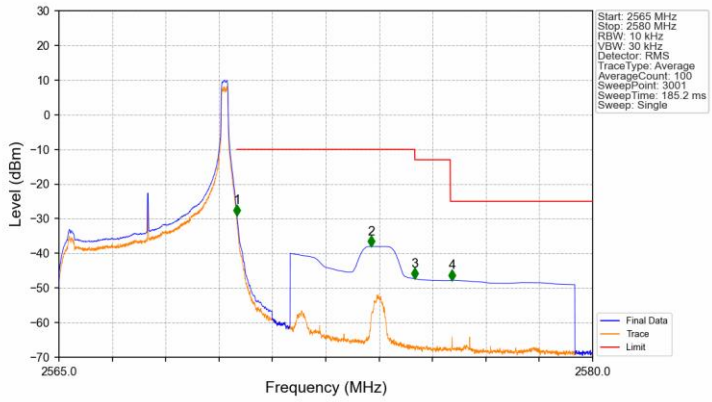
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV




Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV

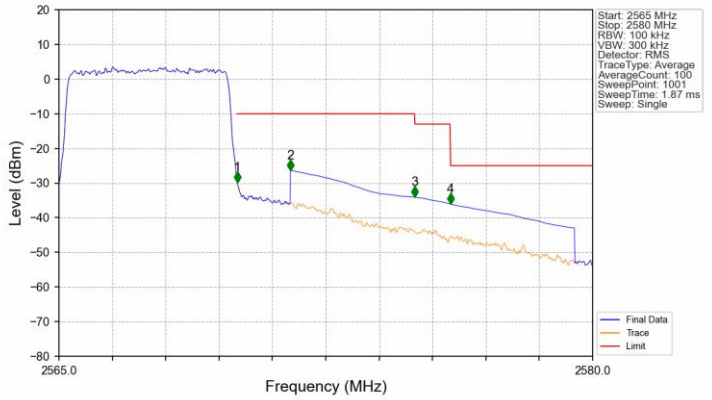


Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_24_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2565 | 2570 | 0.02 | CHP | / | / | / | / | / |
| 2570 | 2571 | 0.02 | CHP | 1 | 2570.005 | -29.05 | -10 | Pass |
| 2571 | 2575 | 1 | CHP | 2 | 2573.775 | -37.99 | -10 | Pass |
| 2575 | 2576 | 1 | CHP | 3 | 2575.005 | -47.37 | -13 | Pass |
| 2576 | 2580 | 1 | CHP | 4 | 2576.050 | -47.81 | -25 | Pass |

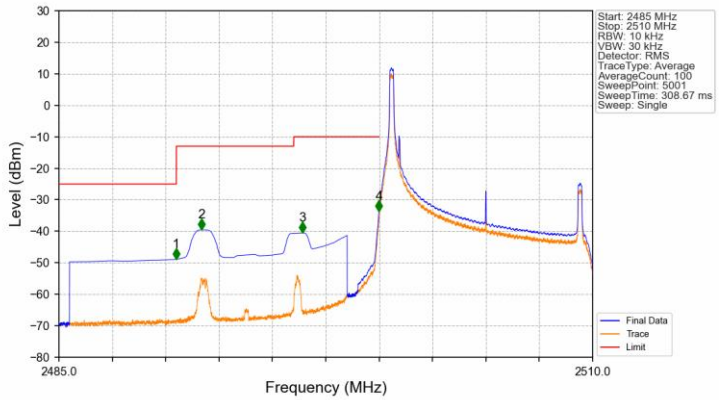
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2565 | 2570 | 0.1 | / | / | / | / | / | / |
| 2570 | 2571 | 0.1 | / | 1 | 2570.010 | -29.84 | -10 | Pass |
| 2571 | 2575 | 1 | CHP | 2 | 2571.510 | -26.40 | -10 | Pass |
| 2575 | 2576 | 1 | CHP | 3 | 2575.005 | -34.07 | -13 | Pass |
| 2576 | 2580 | 1 | CHP | 4 | 2576.010 | -36.06 | -25 | Pass |

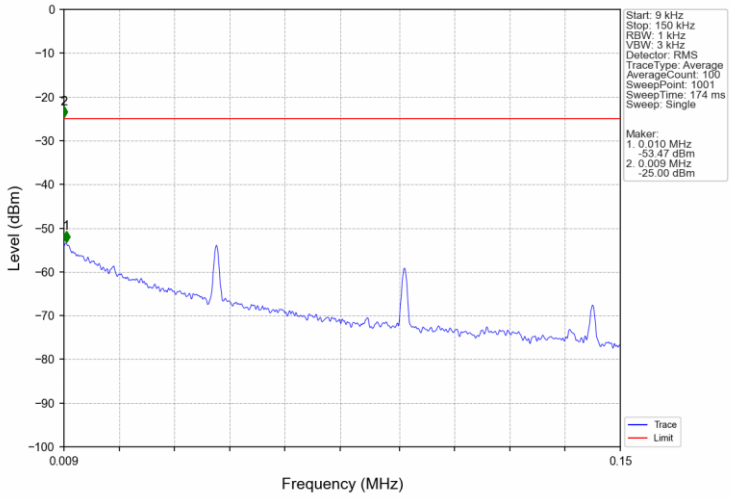
### 6.2.2 B7_10MHz

Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

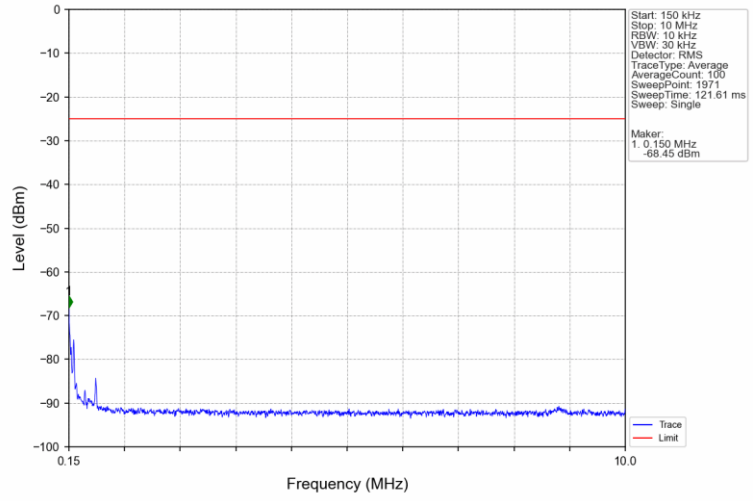



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.495 | -48.89 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2491.680 | -39.55 | -13 | Pass |
| 2496 | 2499 | 1 | CHP | 3 | 2496.410 | -40.54 | -10 | Pass |
| 2499 | 2500 | 0.02 | CHP | 4 | 2499.995 | -33.74 | -10 | Pass |
| 2500 | 2510 | 0.02 | CHP | / | / | / | / | / |

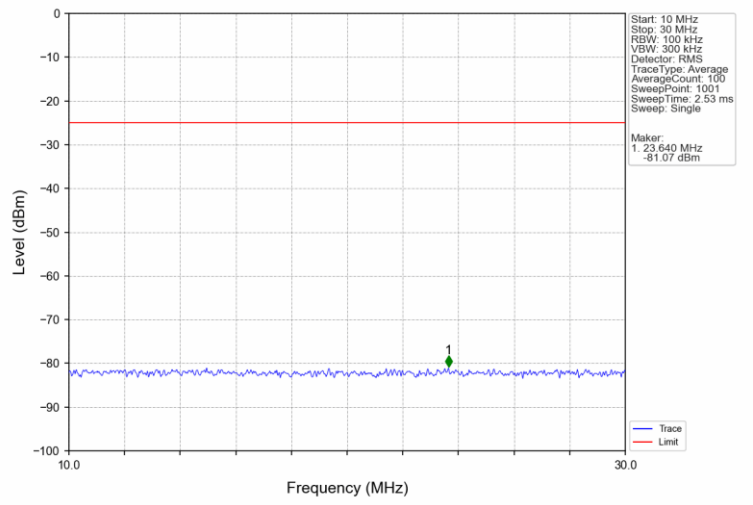
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



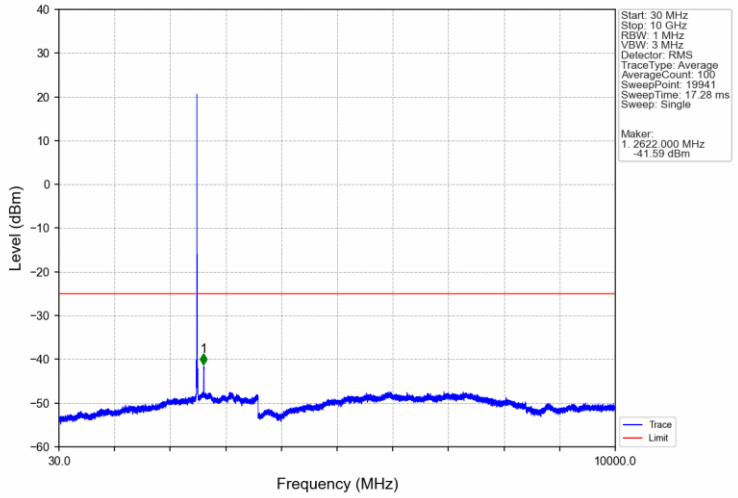
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



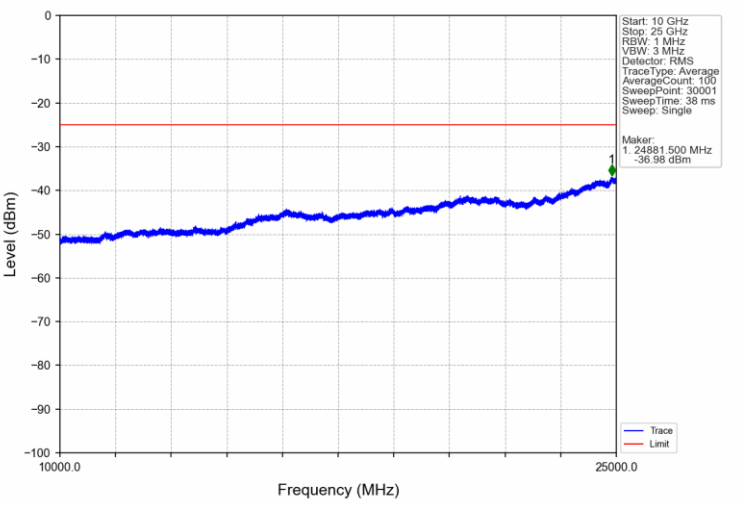

Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



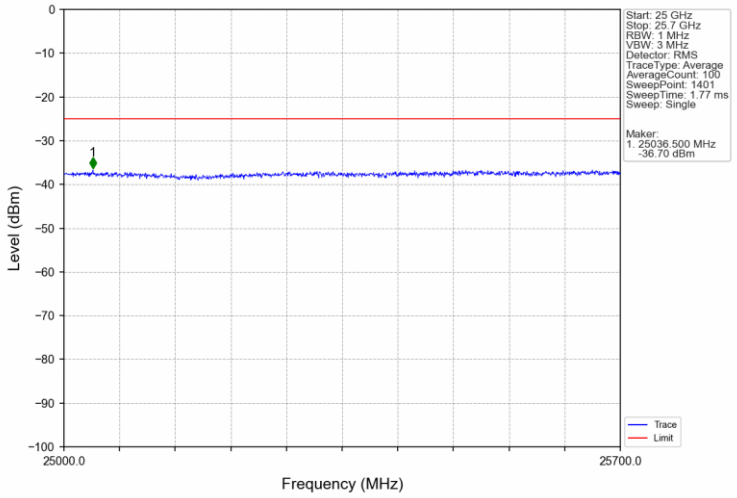
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



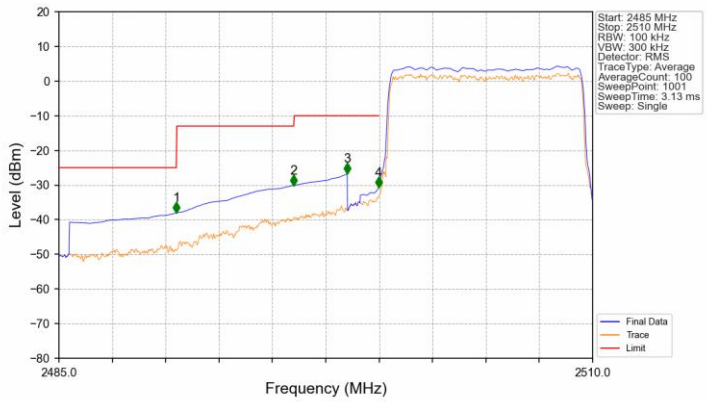

Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

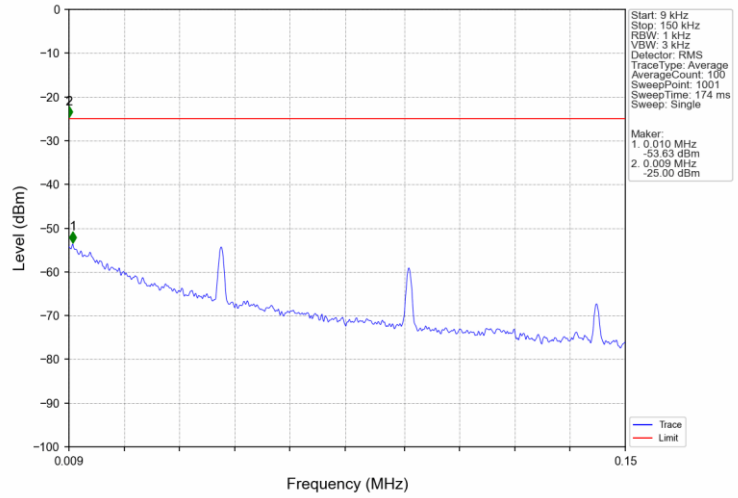



Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

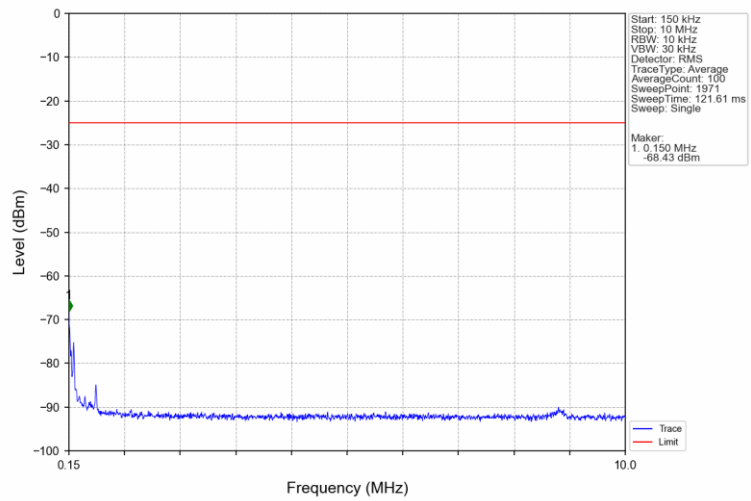



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.500 | -38.08 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2496.000 | -30.14 | -13 | Pass |
| 2496 | 2499 | 1 | CHP | 3 | 2498.500 | -26.81 | -10 | Pass |
| 2499 | 2500 | 0.2 | CHP | 4 | 2499.975 | -30.79 | -10 | Pass |
| 2500 | 2510 | 0.2 | CHP | / | / | / | / | / |

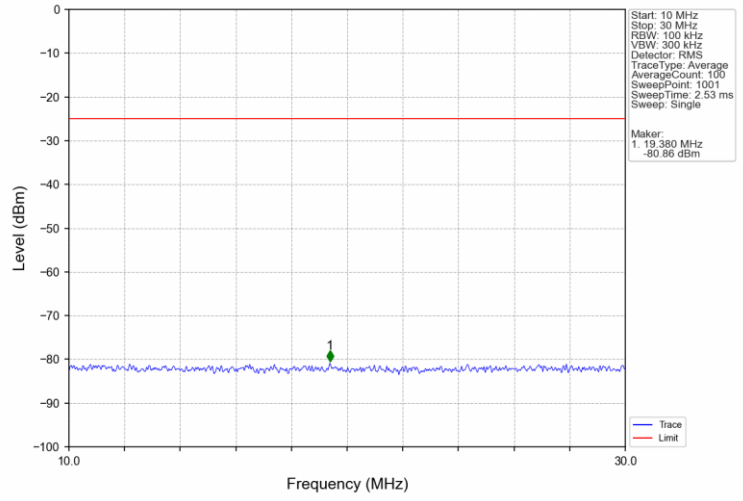
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



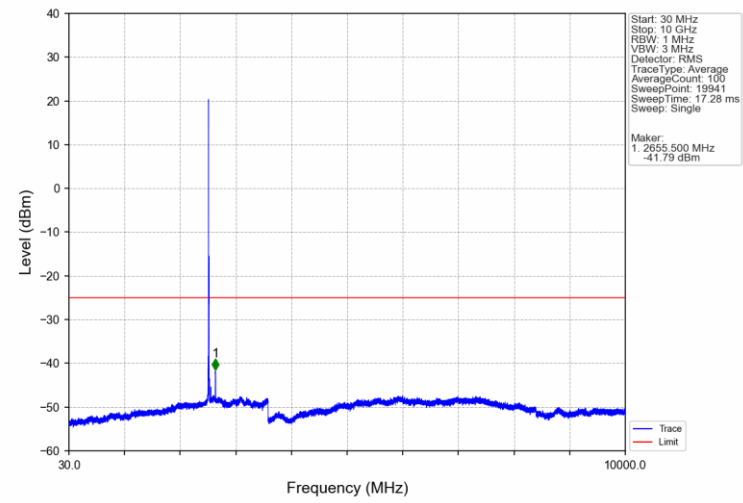

Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



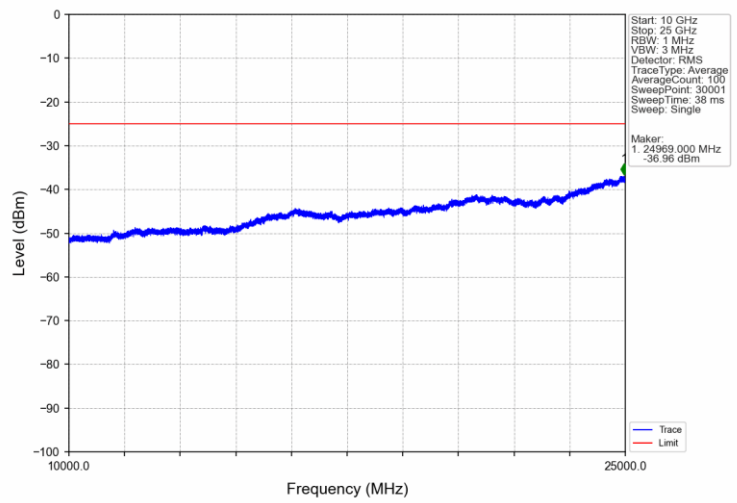
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV




Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

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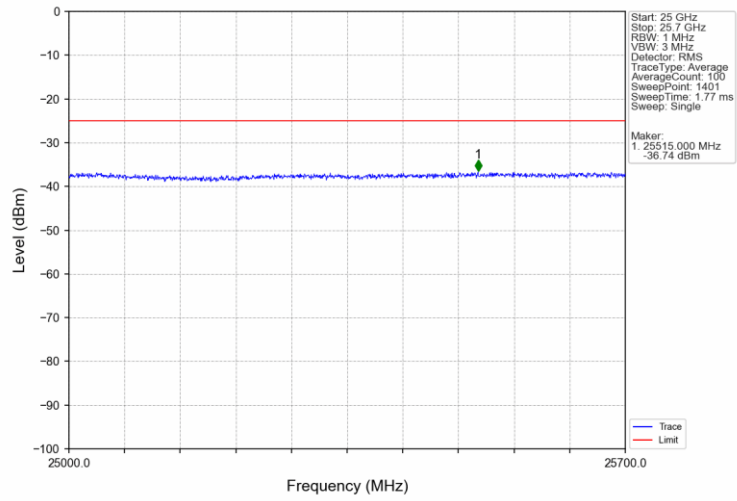

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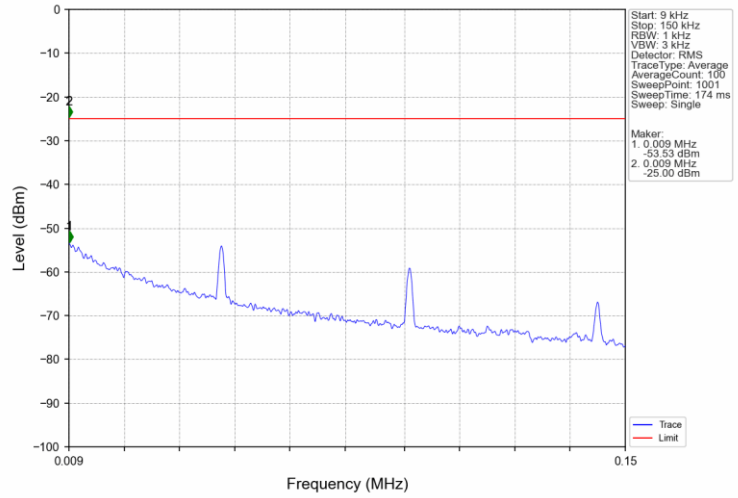


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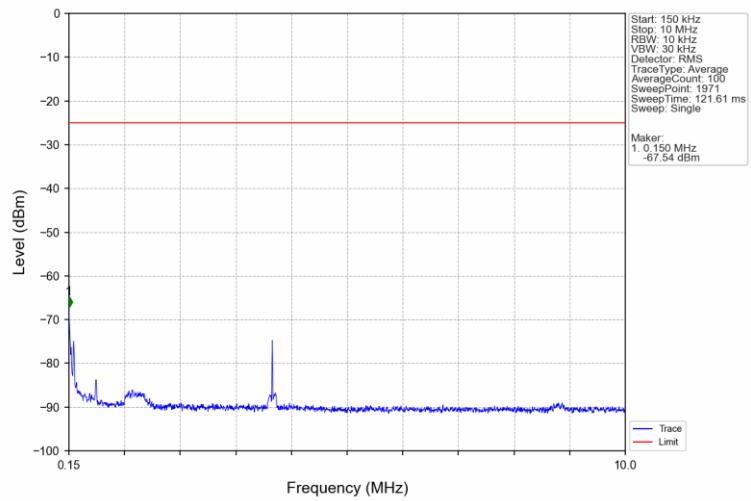

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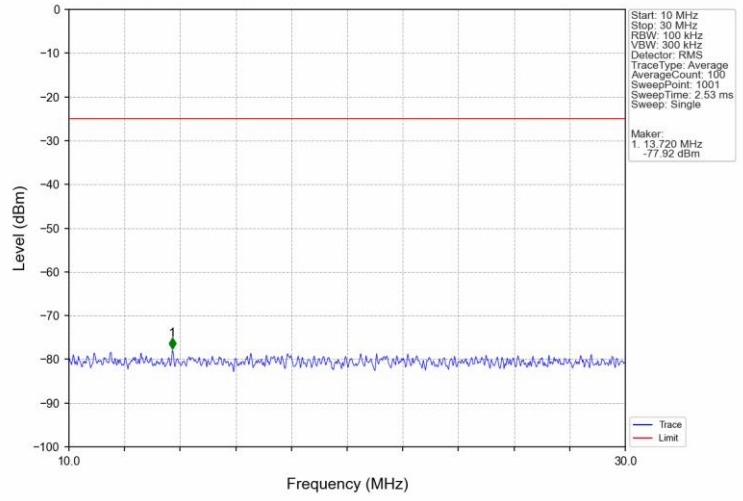


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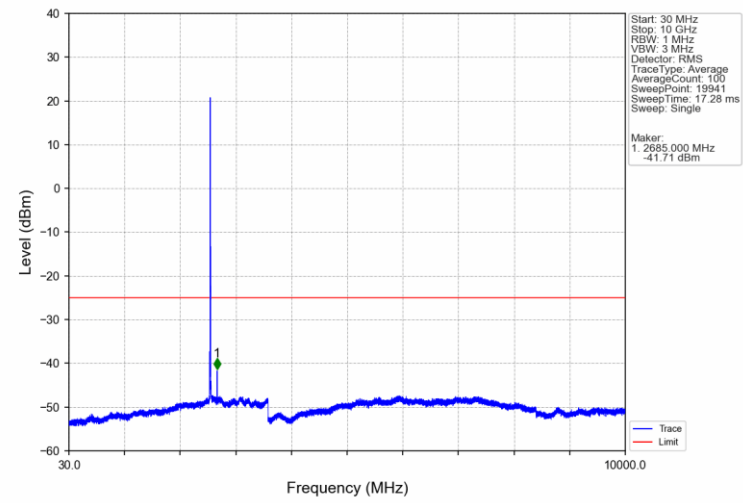
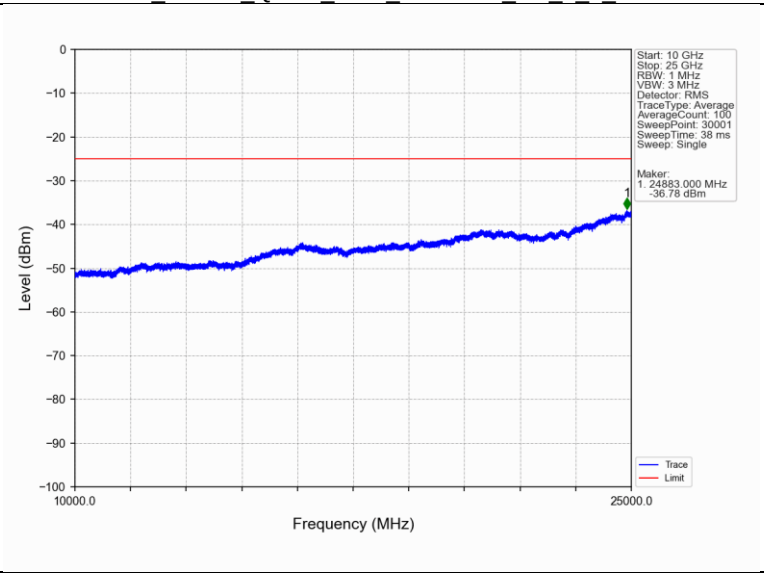
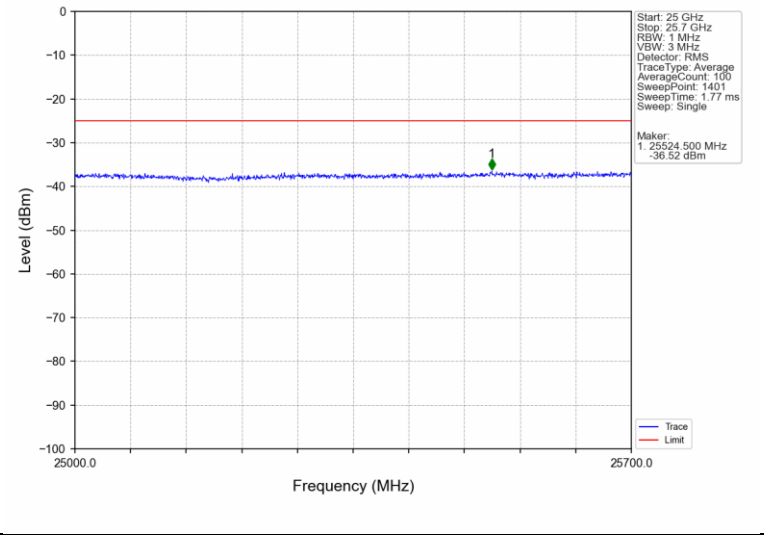


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV




Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV