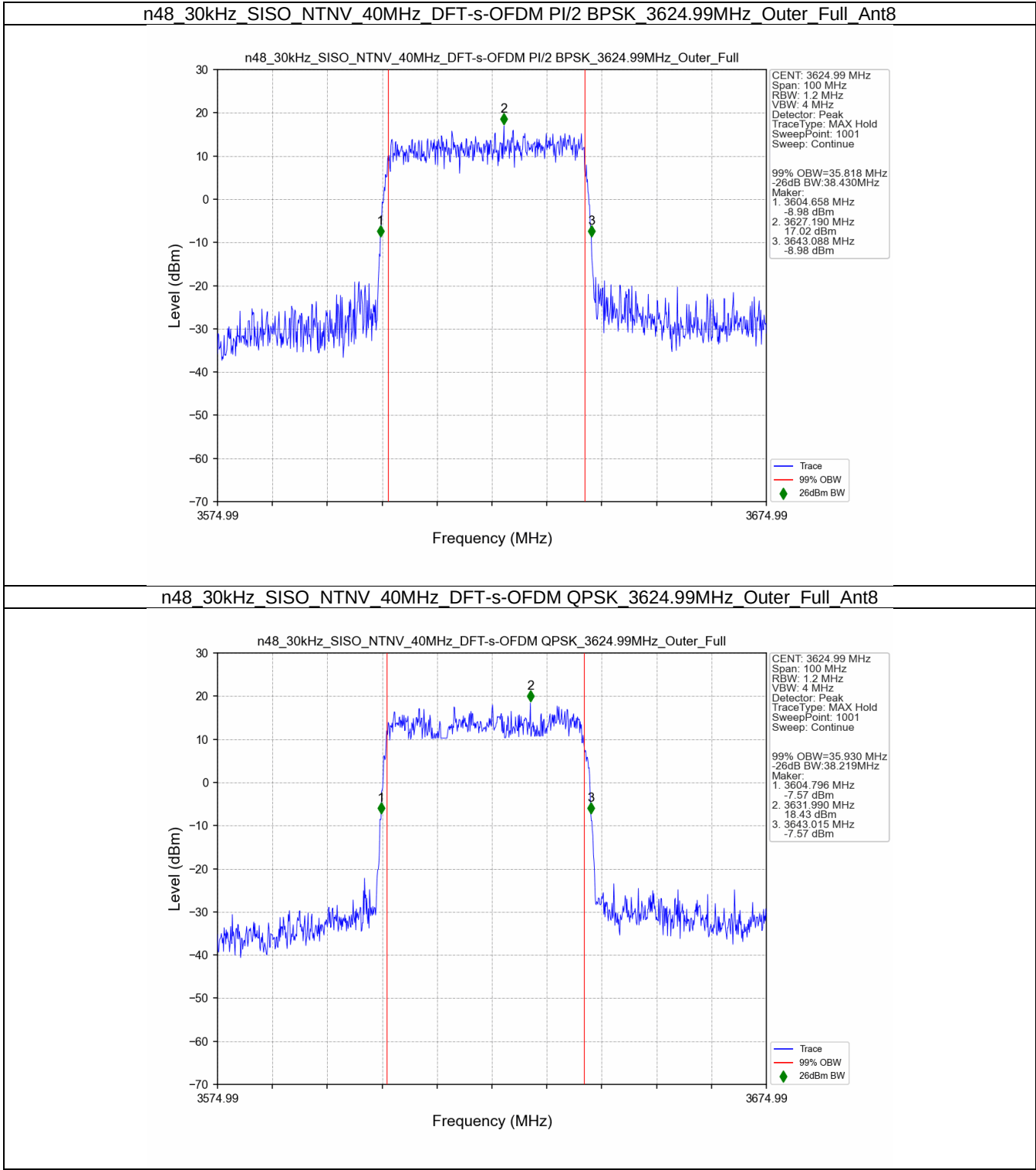
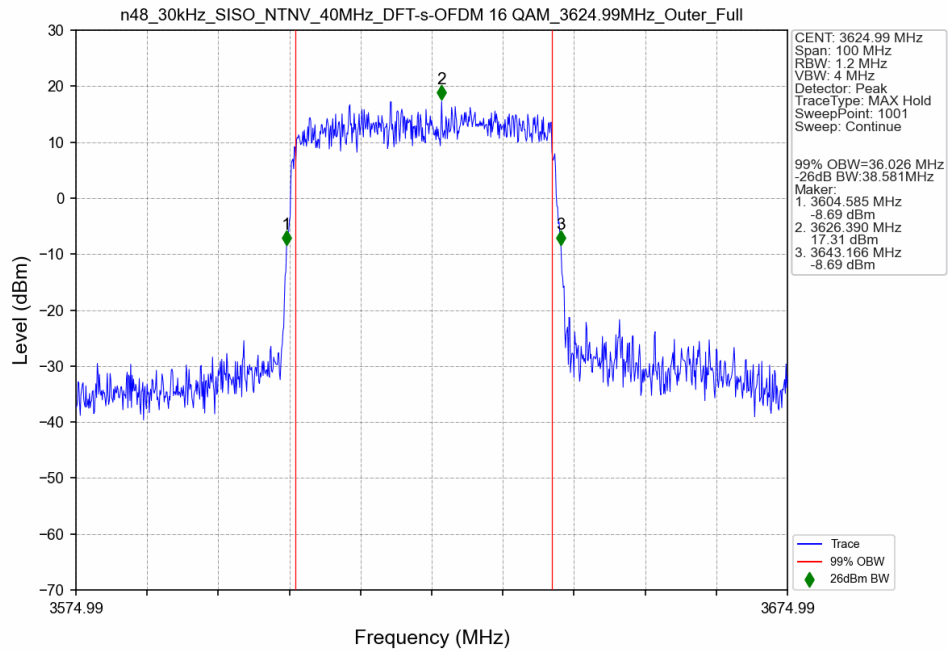




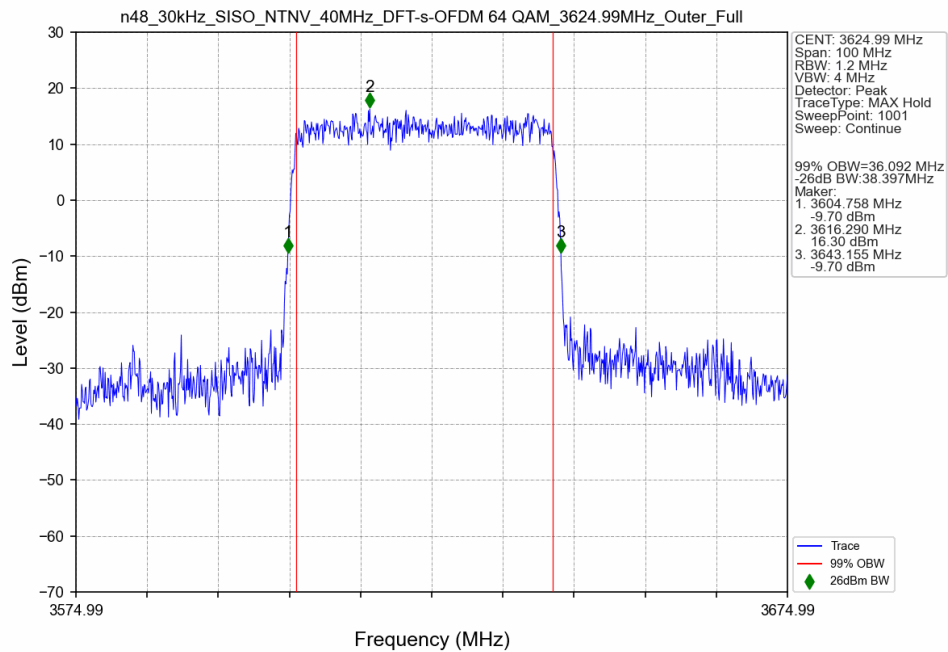
3.2.4 30\_S\_40M\_NTNV



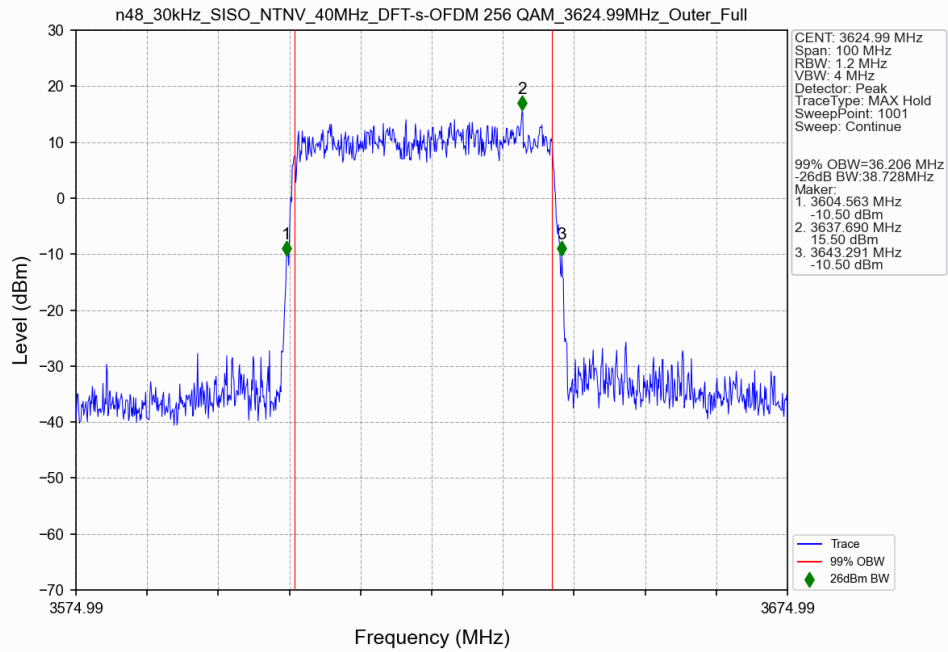
n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM 16 QAM\_3624.99MHz\_Outer\_Full\_Ant8



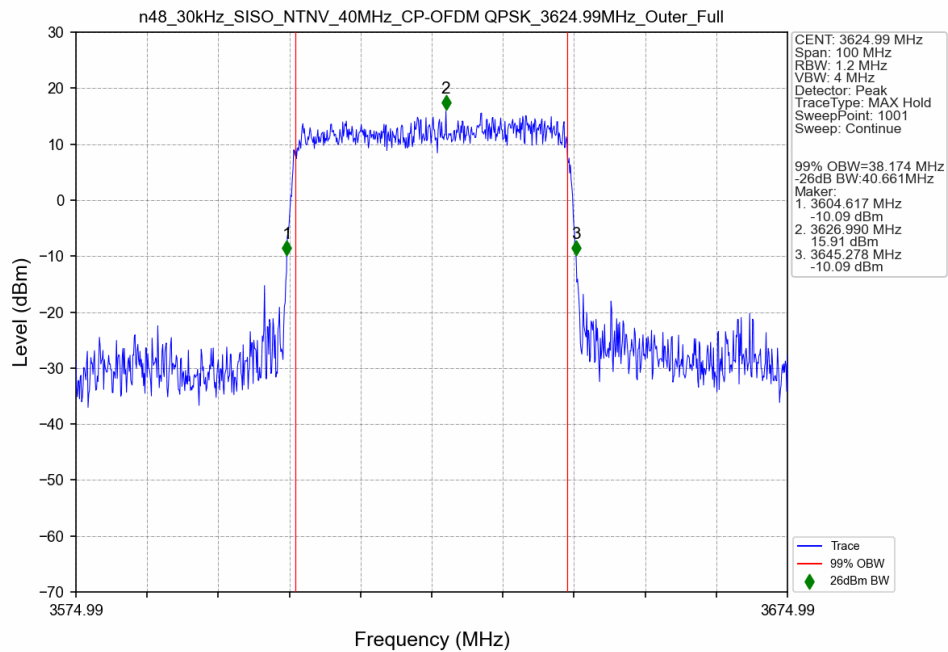
n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM 64 QAM\_3624.99MHz\_Outer\_Full\_Ant8



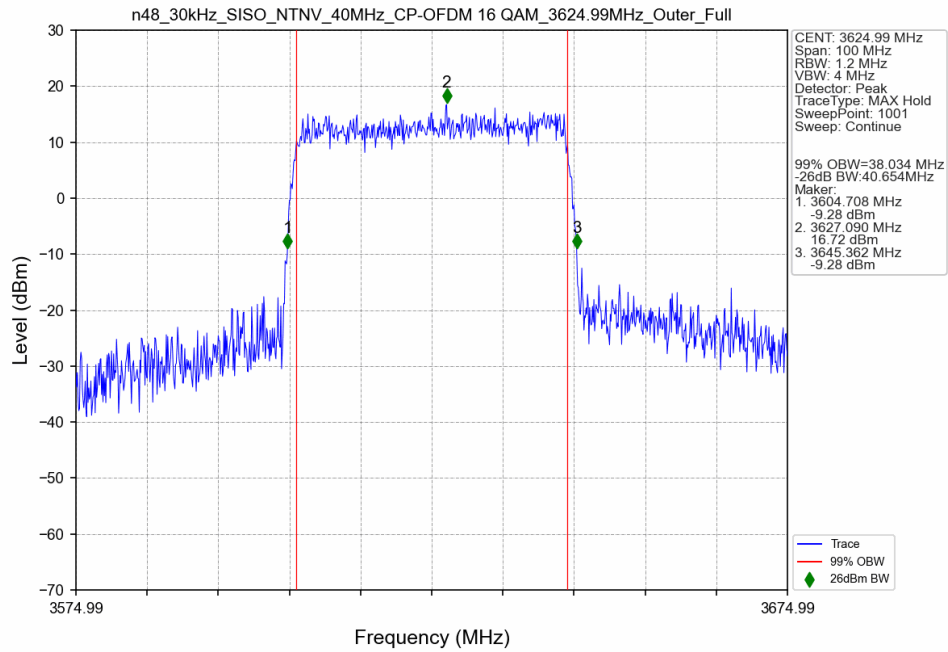
n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM 256 QAM\_3624.99MHz\_Outer\_Full\_Ant8



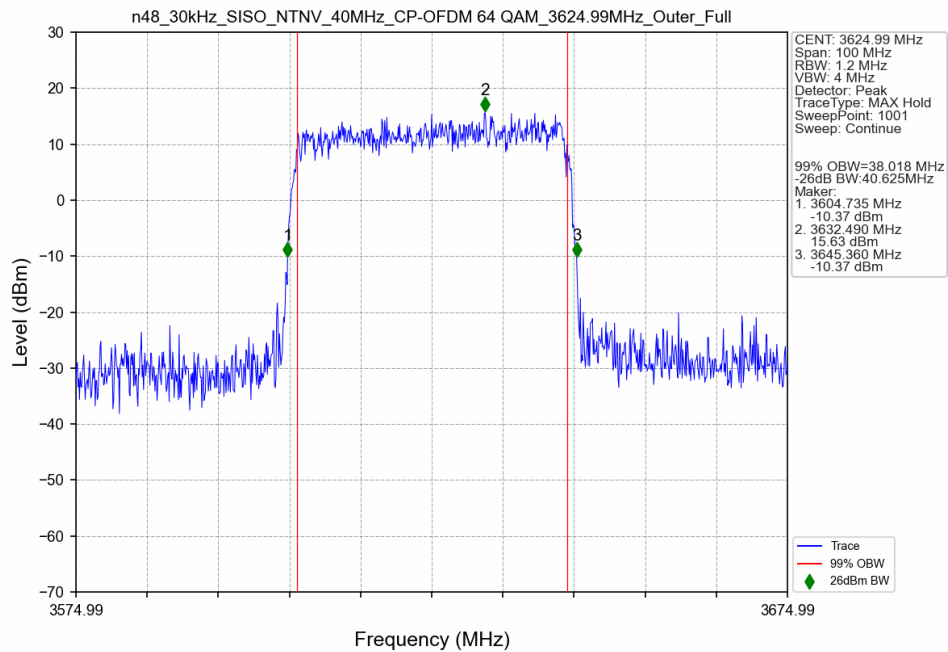
n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3624.99MHz\_Outer\_Full\_Ant8

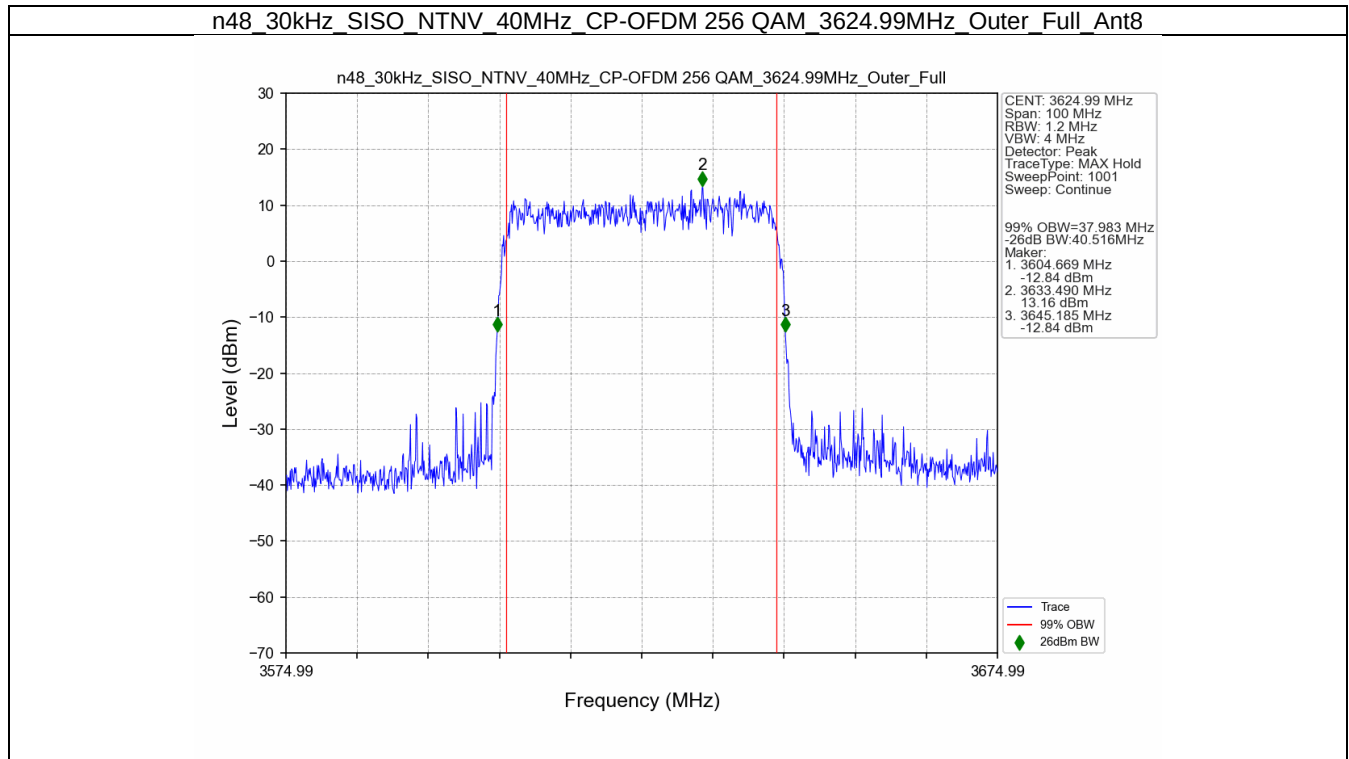


## n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM 16 QAM 3624.99MHz\_Outer\_Full\_Ant8



## n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM 64 QAM 3624.99MHz\_Outer\_Full\_Ant8





## 4. Peak-Average Ratio

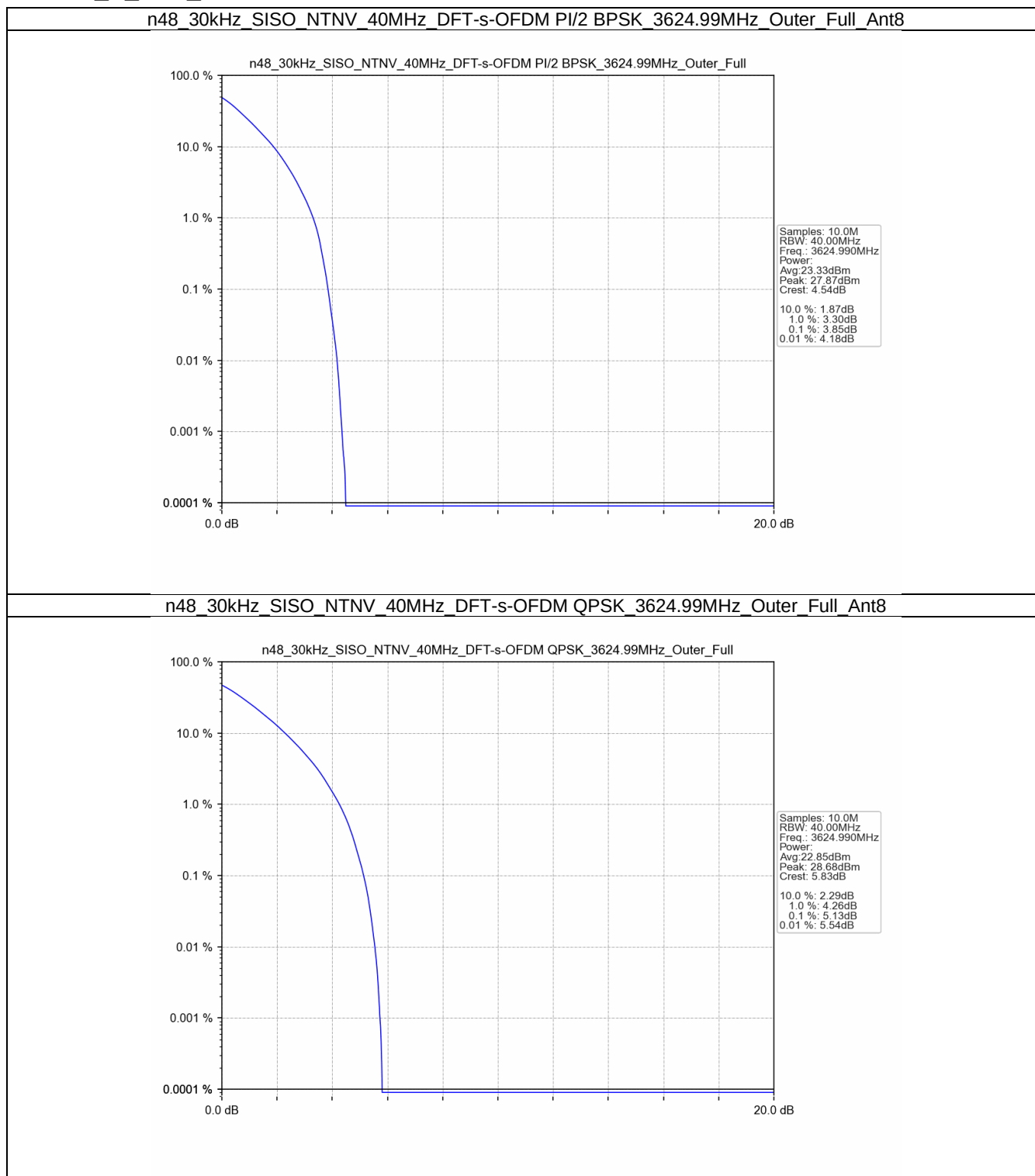
### 4.1 Test Result

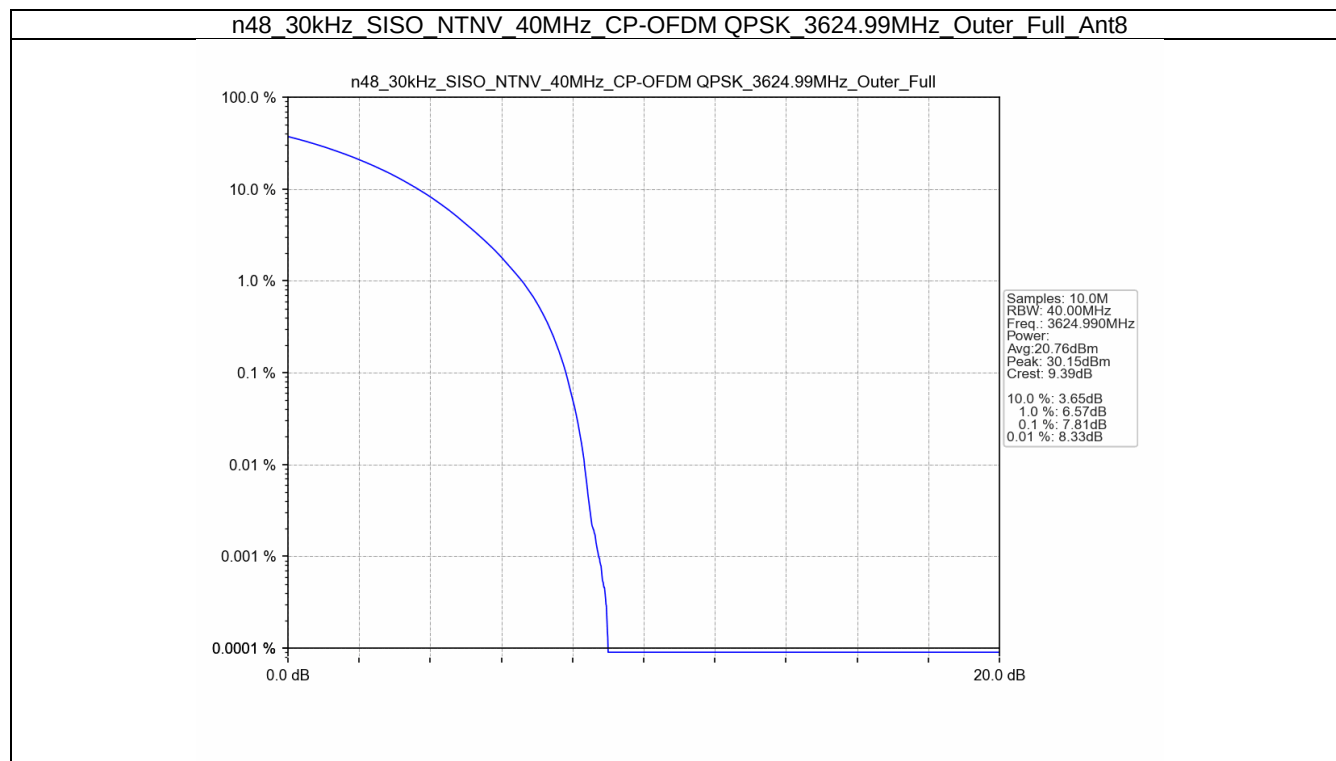
#### 4.1.1 30\_S\_40M\_NTNV

| 5G NR n48 SCS=30kHz SISO 40MHz NTNv |                 |               |                         |      |     |       |         |
|-------------------------------------|-----------------|---------------|-------------------------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) |      |     |       | Verdict |
|                                     |                 |               | Ant8                    | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3624.99         | Outer Full    | 3.85                    | /    | /   | <=13  | Pass    |
| DFT-s-OFDM QPSK                     | 3624.99         | Outer Full    | 5.13                    | /    | /   | <=13  | Pass    |
| CP-OFDM QPSK                        | 3624.99         | Outer Full    | 7.81                    | /    | /   | <=13  | Pass    |

## 4.2 Test Graph

### 4.2.1 30\_S\_40M\_NTNV





## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 30\_S\_10M\_NTNV

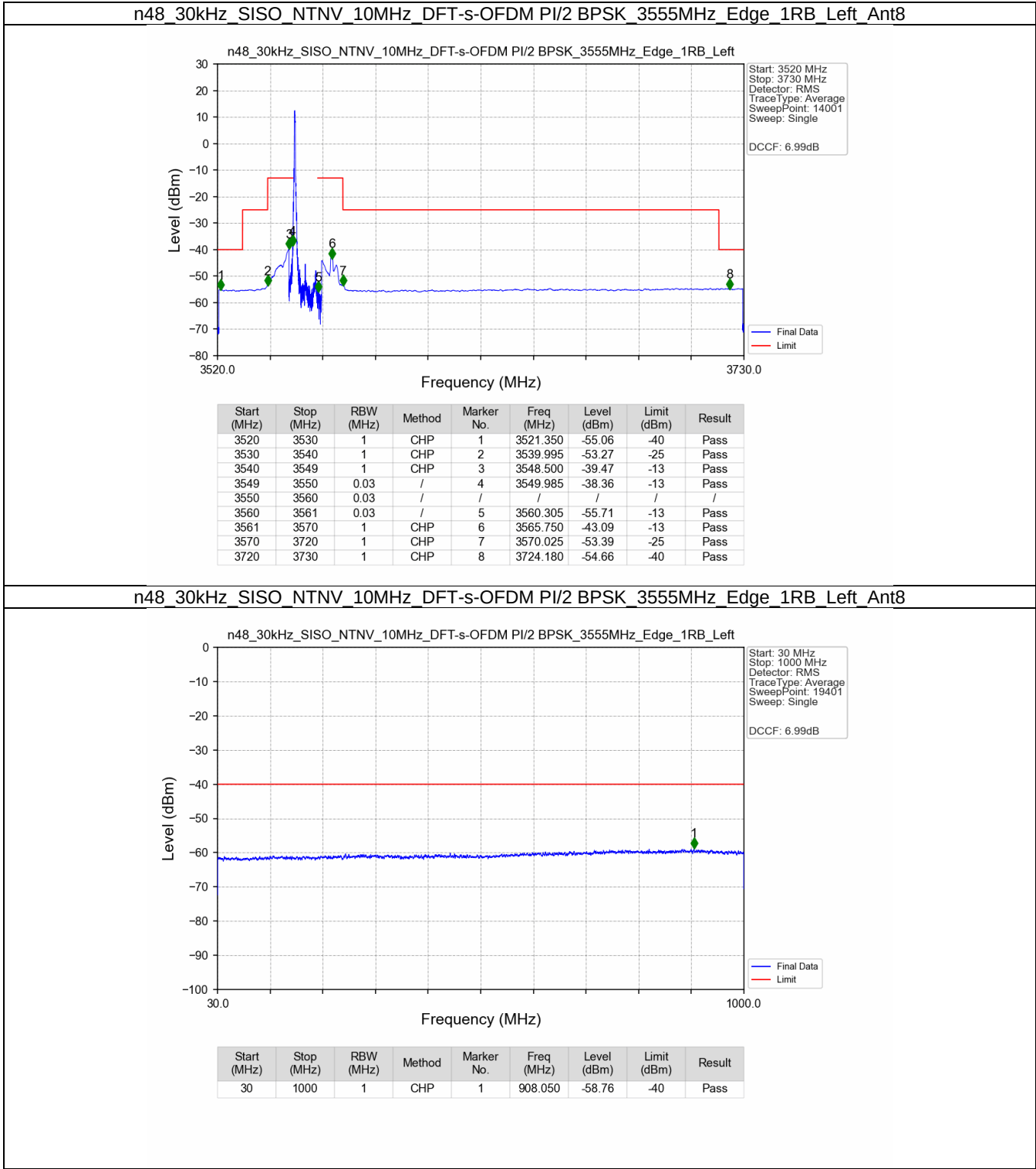
| 5G NR n48 SCS=30kHz SISO 10MHz NTN |                 |                |                     |                     |     |       |         |      |
|------------------------------------|-----------------|----------------|---------------------|---------------------|-----|-------|---------|------|
| Modulation                         | Frequency (MHz) | RB Allocation  | Spurious Emission   |                     |     |       | Verdict |      |
|                                    |                 |                | Ant8                | Ant2                | Sum | Limit |         |      |
| DFT-s-OFDM PI/2 BPSK               | 3555            | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | Outer_Full     | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    | 3624.99         | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | 3694.98        | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                    | Outer_Full      |                | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    | DFT-s-OFDM QPSK | 3555           | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
| Outer_Full                         |                 |                | Refer To Test Graph |                     |     |       | Pass    |      |
| 3624.99                            |                 | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | 3694.98        | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
| Outer_Full                         |                 |                | Refer To Test Graph |                     |     |       | Pass    |      |
| CP-OFDM QPSK                       |                 | 3555           | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                    | Outer_Full      |                | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    | 3624.99         | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | 3694.98        | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                    | Outer_Full      |                | Refer To Test Graph |                     |     |       | Pass    |      |

#### 5.1.2 30\_S\_40M\_NTNV

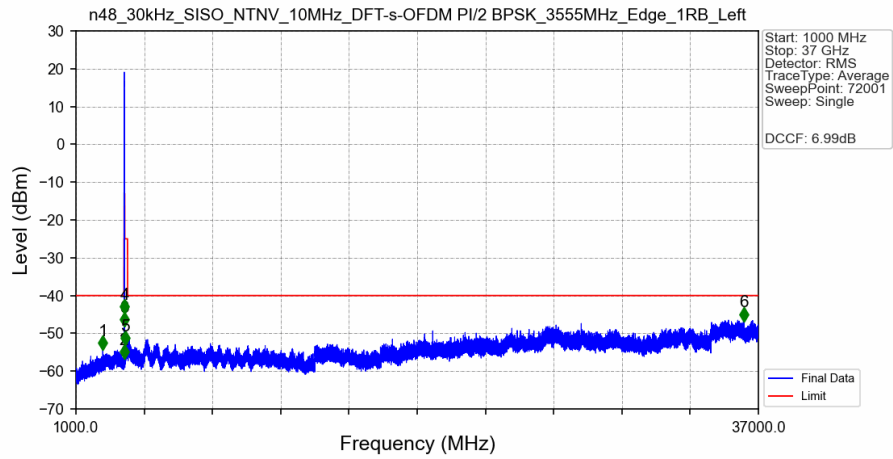
| 5G NR n48 SCS=30kHz SISO 40MHz NTN |                 |                |                     |                     |     |       |         |      |
|------------------------------------|-----------------|----------------|---------------------|---------------------|-----|-------|---------|------|
| Modulation                         | Frequency (MHz) | RB Allocation  | Spurious Emission   |                     |     |       | Verdict |      |
|                                    |                 |                | Ant8                | Ant2                | Sum | Limit |         |      |
| DFT-s-OFDM PI/2 BPSK               | 3570            | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | Outer_Full     | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    | 3624.99         | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | 3679.98        | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
|                                    | DFT-s-OFDM QPSK | 3570           | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
| Outer_Full                         |                 |                | Refer To Test Graph |                     |     |       | Pass    |      |
| 3624.99                            |                 | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | 3679.98        | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Outer_Full          | Refer To Test Graph |     |       |         | Pass |
| CP-OFDM QPSK                       |                 | 3570           | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                    | Outer_Full      |                | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    | 3624.99         | Edge_1RB_Left  | Refer To Test Graph |                     |     |       | Pass    |      |
|                                    |                 | 3679.98        | Edge_1RB_Left       | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Edge_1RB_Right      | Refer To Test Graph |     |       |         | Pass |
|                                    |                 |                | Outer_Full          | Refer To Test Graph |     |       |         | Pass |

5.2 Test Graph

5.2.1 30\_S\_10M\_NTNV

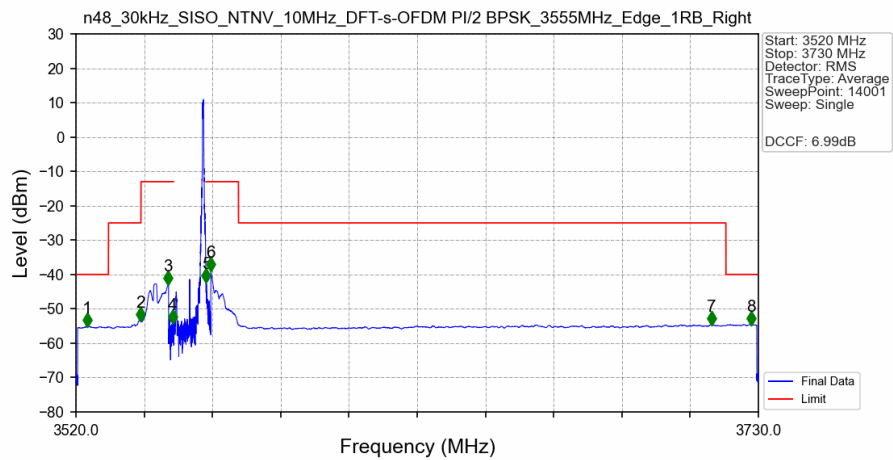


## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Edge\_1RB\_Left\_Ant8



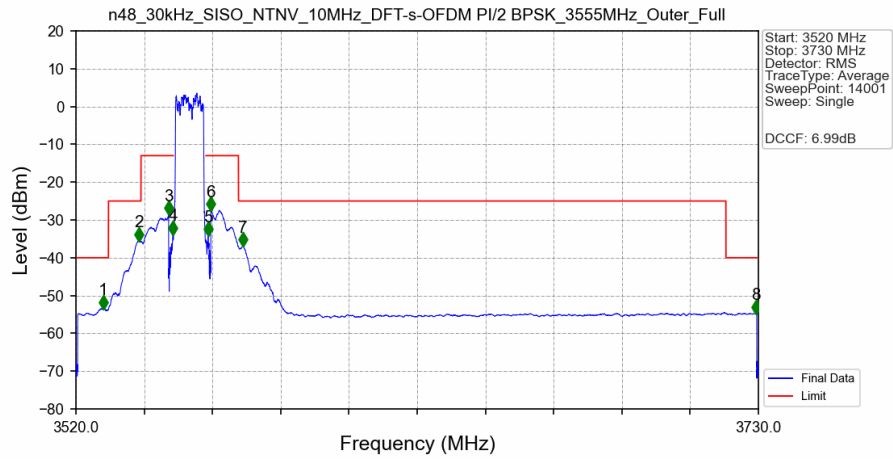
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 2413.500   | -54.15      | -40         | Pass   |
| 3530        | 3540       | 1         | /      | 2          | 3533.000   | -56.49      | -25         | Pass   |
| 3540        | 3549       | 1         | /      | 3          | 3544.500   | -47.95      | -13         | Pass   |
| 3549        | 3565       | 1         | /      | /          | /          | /           | /           | /      |
| 3565        | 3570       | 1         | /      | 4          | 3567.000   | -44.47      | -13         | Pass   |
| 3570        | 3720       | 1         | /      | 5          | 3608.500   | -52.76      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 36245.000  | -46.48      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Edge\_1RB\_Right\_Ant8



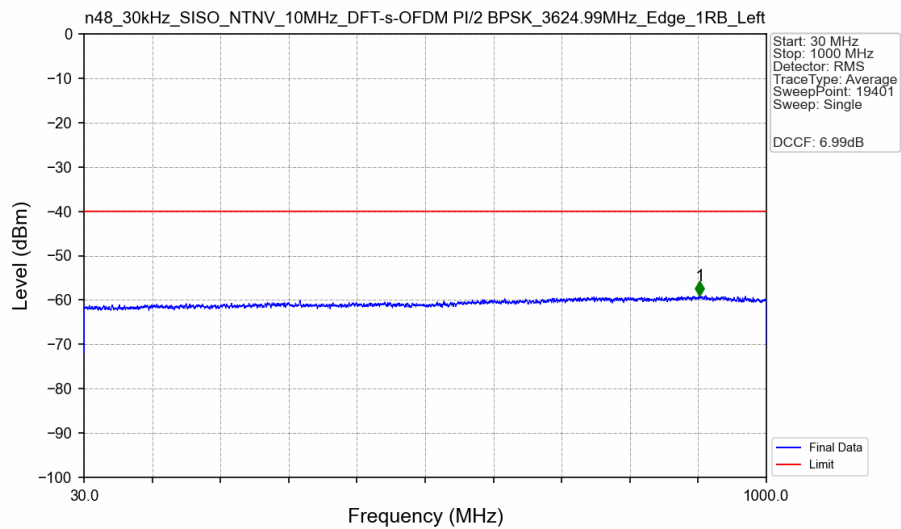
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3523.435   | -55.04      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3539.950   | -53.37      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3548.410   | -42.69      | -13         | Pass   |
| 3549        | 3550       | 0.03      | /      | 4          | 3549.790   | -54.00      | -13         | Pass   |
| 3550        | 3560       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3560        | 3561       | 0.03      | /      | 5          | 3560.080   | -42.02      | -13         | Pass   |
| 3561        | 3570       | 1         | CHP    | 6          | 3561.505   | -38.83      | -13         | Pass   |
| 3570        | 3720       | 1         | CHP    | 7          | 3715.675   | -54.44      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3727.645   | -54.50      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3555MHz\_Outer\_Full\_Ant8



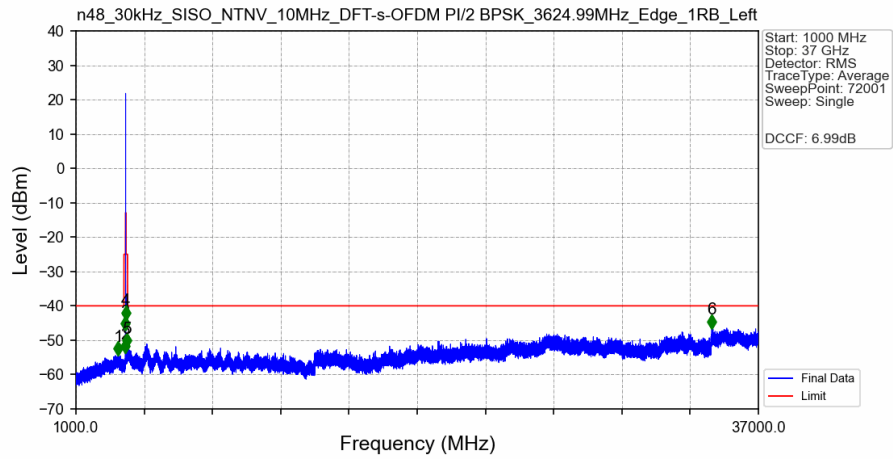
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3528.445   | -53.28      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3539.485   | -35.35      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3548.500   | -28.44      | -13         | Pass   |
| 3549        | 3550       | 0.09429   | CHP    | 4          | 3549.835   | -33.67      | -13         | Pass   |
| 3550        | 3560       | 0.09429   | CHP    | /          | /          | /           | /           | /      |
| 3560        | 3561       | 0.09429   | CHP    | 5          | 3560.650   | -34.00      | -13         | Pass   |
| 3561        | 3570       | 1         | CHP    | 6          | 3561.505   | -27.31      | -13         | Pass   |
| 3570        | 3720       | 1         | CHP    | 7          | 3571.285   | -36.74      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3729.145   | -54.57      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3624.99MHz\_Edge\_1RB\_Left\_Ant8



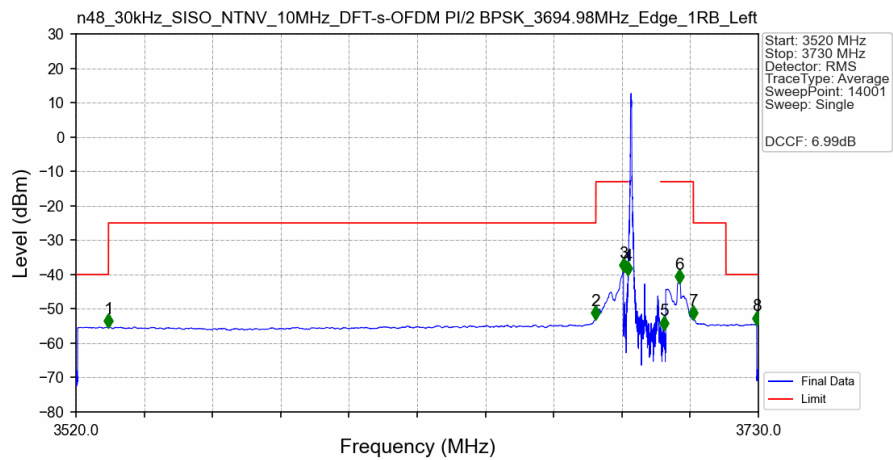
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 905.150    | -58.97      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Edge\_1RB\_Left\_Ant8



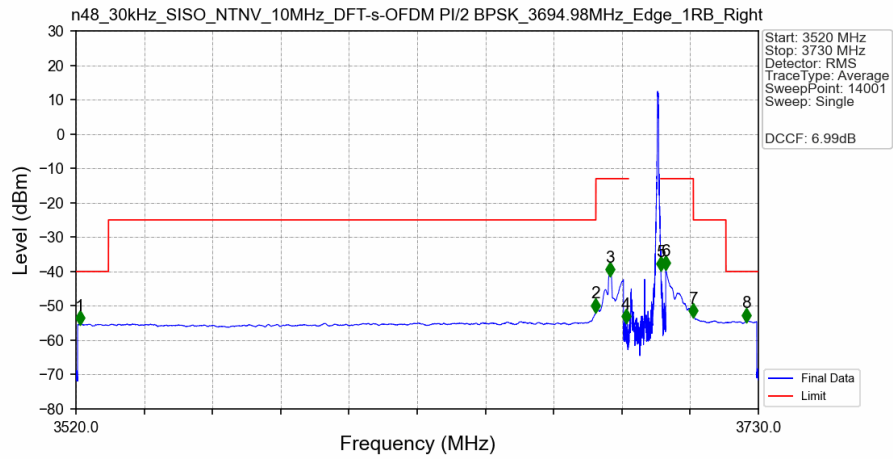
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 3229.000   | -54.18      | -40         | Pass   |
| 3530        | 3609.99    | 1         | /      | 2          | 3608.500   | -53.42      | -25         | Pass   |
| 3609.99     | 3618.99    | 1         | /      | 3          | 3613.500   | -46.84      | -13         | Pass   |
| 3618.99     | 3634.99    | 1         | /      | /          | /          | /           | /           | /      |
| 3634.99     | 3639.99    | 1         | /      | 4          | 3635.500   | -43.67      | -13         | Pass   |
| 3639.99     | 3720       | 1         | /      | 5          | 3678.500   | -51.82      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 34540.000  | -46.25      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Edge\_1RB\_Left\_Ant8



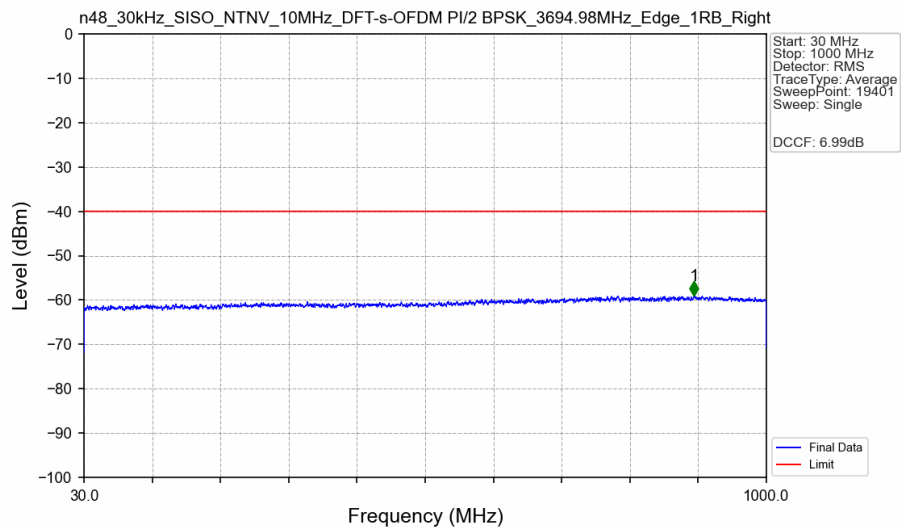
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.975   | -55.24      | -40         | Pass   |
| 3530        | 3679.98    | 1         | CHP    | 2          | 3679.975   | -52.84      | -25         | Pass   |
| 3679.98     | 3688.98    | 1         | CHP    | 3          | 3688.435   | -39.02      | -13         | Pass   |
| 3688.98     | 3689.98    | 0.03      | /      | 4          | 3689.890   | -39.83      | -13         | Pass   |
| 3689.98     | 3699.98    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.03      | /      | 5          | 3700.870   | -55.82      | -13         | Pass   |
| 3700.98     | 3709.98    | 1         | CHP    | 6          | 3705.685   | -42.25      | -13         | Pass   |
| 3709.98     | 3720       | 1         | CHP    | 7          | 3710.005   | -52.92      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3729.490   | -54.41      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Edge\_1RB\_Right\_Ant8



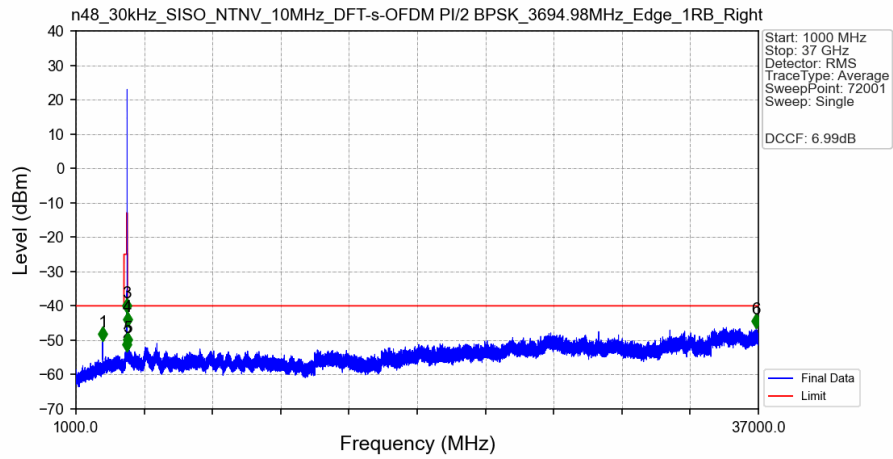
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3521.140   | -55.25      | -40         | Pass   |
| 3530        | 3679.98    | 1         | CHP    | 2          | 3679.975   | -51.55      | -25         | Pass   |
| 3679.98     | 3688.98    | 1         | CHP    | 3          | 3684.280   | -41.12      | -13         | Pass   |
| 3688.98     | 3689.98    | 0.03      | /      | 4          | 3689.215   | -54.70      | -13         | Pass   |
| 3689.98     | 3699.98    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.03      | /      | 5          | 3699.985   | -39.52      | -13         | Pass   |
| 3700.98     | 3709.98    | 1         | CHP    | 6          | 3701.485   | -39.25      | -13         | Pass   |
| 3709.98     | 3720       | 1         | CHP    | 7          | 3709.990   | -53.11      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3726.175   | -54.42      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3694.98MHz\_Edge\_1RB\_Right\_Ant8



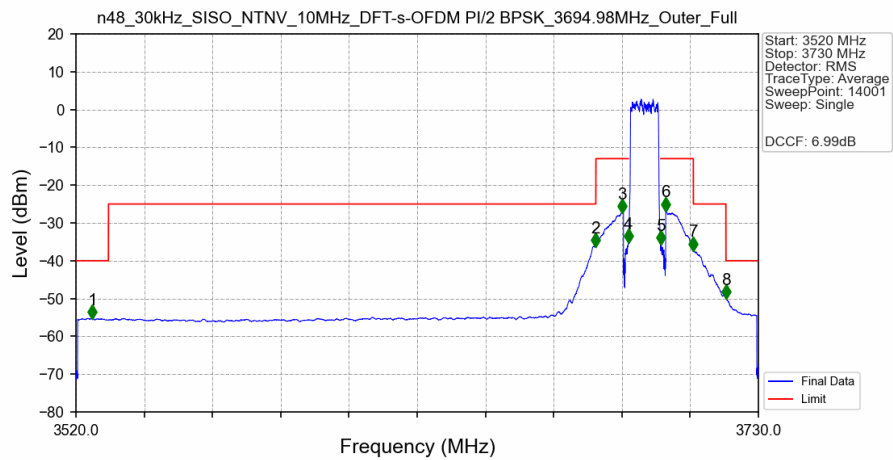
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 897.350    | -58.92      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK 3694.98MHz\_Edge\_1RB\_Right\_Ant8



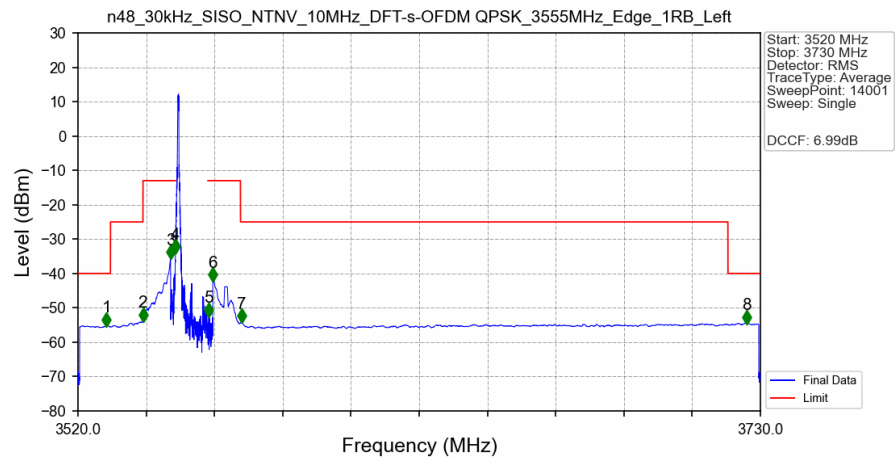
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 2414.500   | -49.84      | -40         | Pass   |
| 3530        | 3679.98    | 1         | /      | 2          | 3679.500   | -53.00      | -25         | Pass   |
| 3679.98     | 3688.98    | 1         | /      | 3          | 3684.000   | -41.60      | -13         | Pass   |
| 3688.98     | 3704.98    | 1         | /      | /          | /          | /           | /           | /      |
| 3704.98     | 3709.98    | 1         | /      | 4          | 3705.000   | -45.54      | -13         | Pass   |
| 3709.98     | 3720       | 1         | /      | 5          | 3710.000   | -51.62      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 36885.500  | -46.22      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK 3694.98MHz\_Outer\_Full\_Ant8



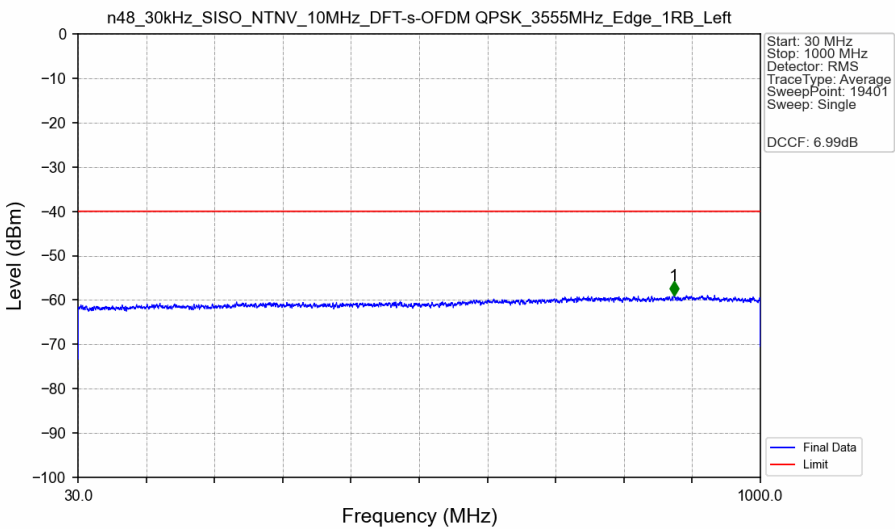
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3524.995   | -55.09      | -40         | Pass   |
| 3530        | 3679.98    | 1         | CHP    | 2          | 3679.900   | -36.06      | -25         | Pass   |
| 3679.98     | 3688.98    | 1         | CHP    | 3          | 3688.090   | -27.08      | -13         | Pass   |
| 3688.98     | 3689.98    | 0.09429   | CHP    | 4          | 3689.965   | -34.96      | -13         | Pass   |
| 3689.98     | 3699.98    | 0.09429   | CHP    | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.09429   | CHP    | 5          | 3700.045   | -35.46      | -13         | Pass   |
| 3700.98     | 3709.98    | 1         | CHP    | 6          | 3701.485   | -26.58      | -13         | Pass   |
| 3709.98     | 3720       | 1         | CHP    | 7          | 3709.990   | -37.04      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.010   | -49.78      | -40         | Pass   |

n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3555MHz\_Edge\_1RB\_Left\_Ant8



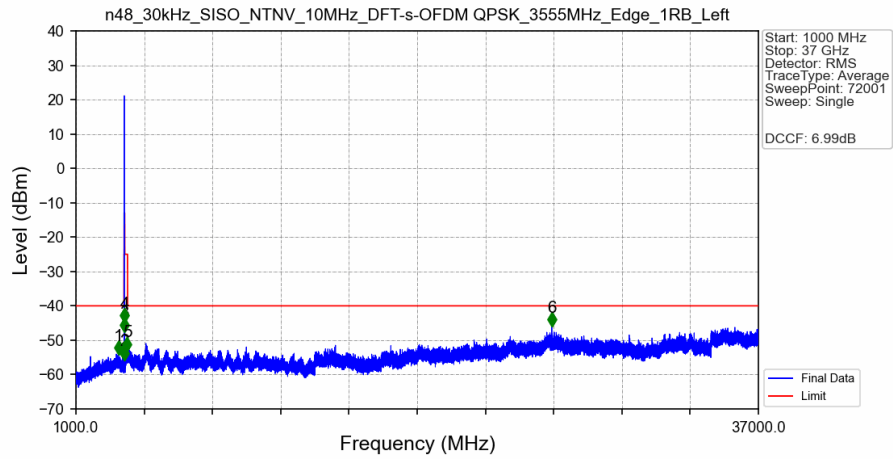
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3528.775   | -55.11      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3539.995   | -53.68      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3548.500   | -35.46      | -13         | Pass   |
| 3549        | 3550       | 0.03      | /      | 4          | 3549.985   | -33.83      | -13         | Pass   |
| 3550        | 3560       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3560        | 3561       | 0.03      | /      | 5          | 3560.245   | -52.28      | -13         | Pass   |
| 3561        | 3570       | 1         | CHP    | 6          | 3561.505   | -42.02      | -13         | Pass   |
| 3570        | 3720       | 1         | CHP    | 7          | 3570.310   | -54.10      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3725.710   | -54.36      | -40         | Pass   |

n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3555MHz\_Edge\_1RB\_Left\_Ant8



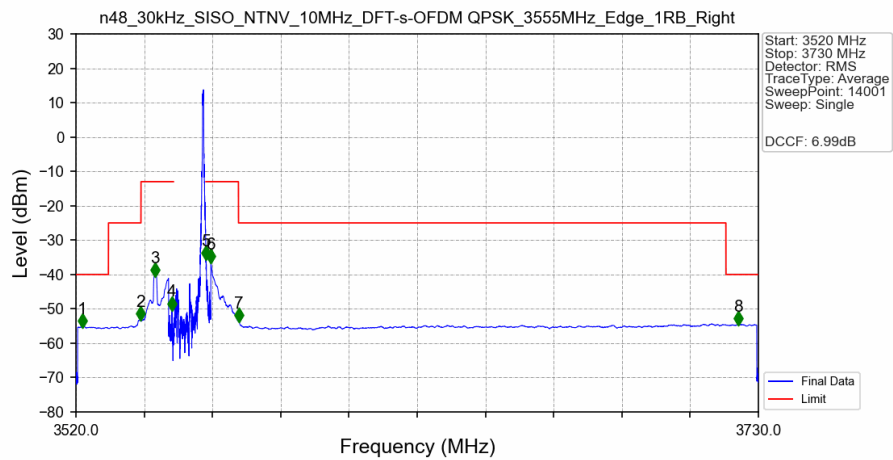
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 877.100    | -58.91      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3555MHz\_Edge\_1RB\_Left\_Ant8



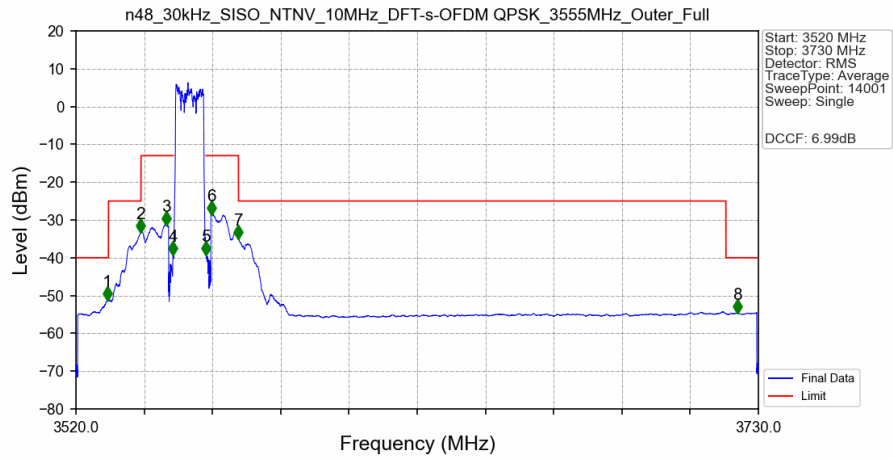
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 3240.500   | -53.90      | -40         | Pass   |
| 3530        | 3540       | 1         | /      | 2          | 3540.000   | -55.43      | -25         | Pass   |
| 3540        | 3549       | 1         | /      | 3          | 3544.500   | -47.18      | -13         | Pass   |
| 3549        | 3565       | 1         | /      | /          | /          | /           | /           | /      |
| 3565        | 3570       | 1         | /      | 4          | 3565.500   | -44.50      | -13         | Pass   |
| 3570        | 3720       | 1         | /      | 5          | 3699.500   | -52.85      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 26100.500  | -45.70      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3555MHz\_Edge\_1RB\_Right\_Ant8



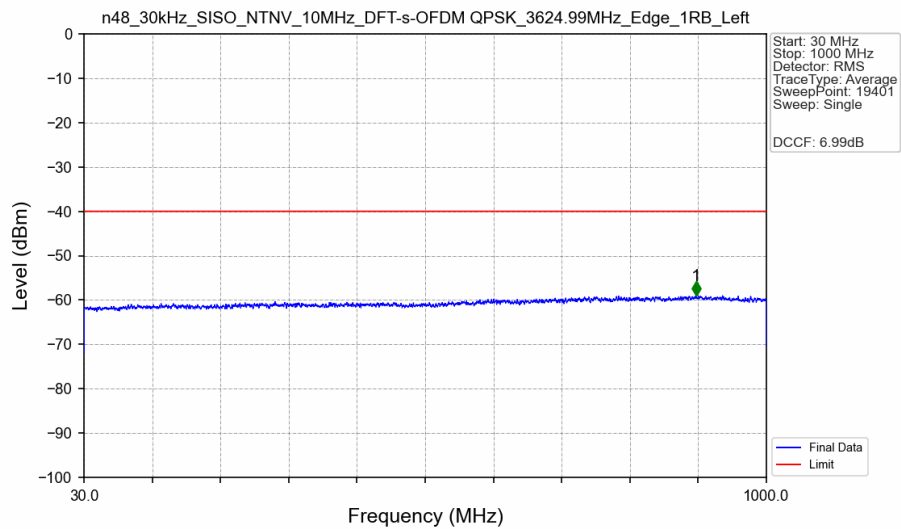
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3521.965   | -55.14      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3539.905   | -53.10      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3544.360   | -40.41      | -13         | Pass   |
| 3549        | 3550       | 0.03      | /      | 4          | 3549.550   | -50.19      | -13         | Pass   |
| 3550        | 3560       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3560        | 3561       | 0.03      | /      | 5          | 3560.035   | -35.53      | -13         | Pass   |
| 3561        | 3570       | 1         | CHP    | 6          | 3561.505   | -36.42      | -13         | Pass   |
| 3570        | 3720       | 1         | CHP    | 7          | 3570.025   | -53.51      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3723.760   | -54.50      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3555MHz\_Outer\_Full\_Ant8



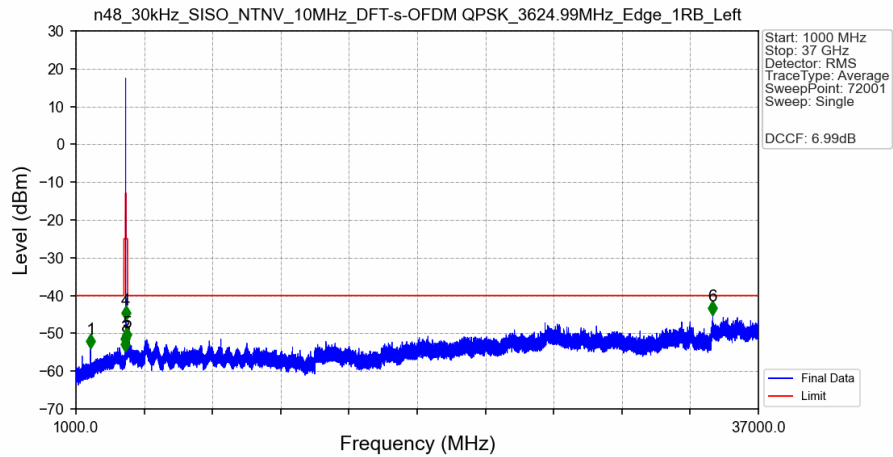
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.660   | -51.02      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3539.980   | -33.12      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3547.750   | -31.25      | -13         | Pass   |
| 3549        | 3550       | 0.09429   | CHP    | 4          | 3549.850   | -39.06      | -13         | Pass   |
| 3550        | 3560       | 0.09429   | CHP    | /          | /          | /           | /           | /      |
| 3560        | 3561       | 0.09429   | CHP    | 5          | 3560.005   | -39.12      | -13         | Pass   |
| 3561        | 3570       | 1         | CHP    | 6          | 3561.655   | -28.46      | -13         | Pass   |
| 3570        | 3720       | 1         | CHP    | 7          | 3570.010   | -34.89      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3723.640   | -54.51      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK\_3624.99MHz\_Edge\_1RB\_Left\_Ant8



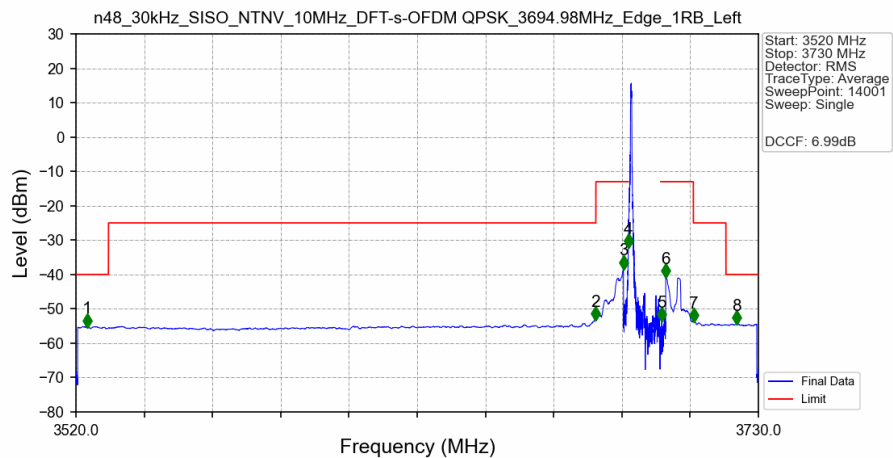
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 900.100    | -58.97      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK 3624.99MHz\_Edge\_1RB\_Left\_Ant8



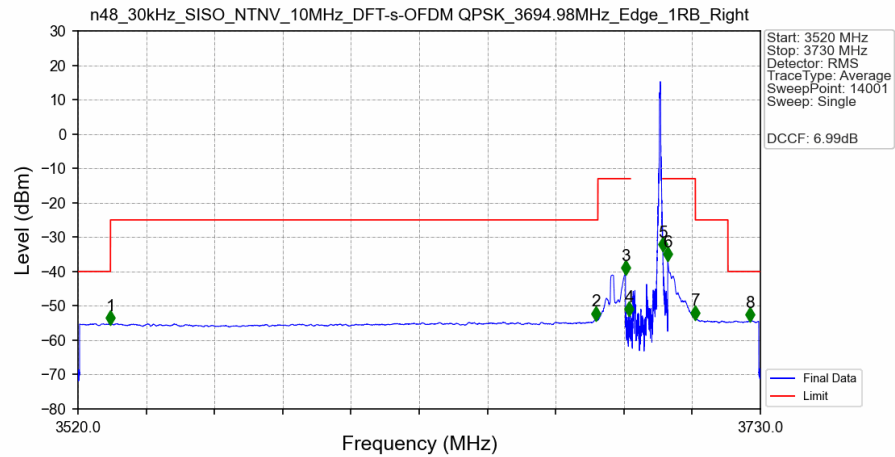
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 1772.000   | -53.69      | -40         | Pass   |
| 3530        | 3609.99    | 1         | /      | 2          | 3603.000   | -54.55      | -25         | Pass   |
| 3609.99     | 3618.99    | 1         | /      | 3          | 3614.500   | -52.96      | -13         | Pass   |
| 3618.99     | 3634.99    | 1         | /      | /          | /          | /           | /           | /      |
| 3634.99     | 3639.99    | 1         | /      | 4          | 3635.500   | -46.09      | -13         | Pass   |
| 3639.99     | 3720       | 1         | /      | 5          | 3688.500   | -51.94      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 34594.500  | -44.86      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM QPSK 3694.98MHz\_Edge\_1RB\_Left\_Ant8



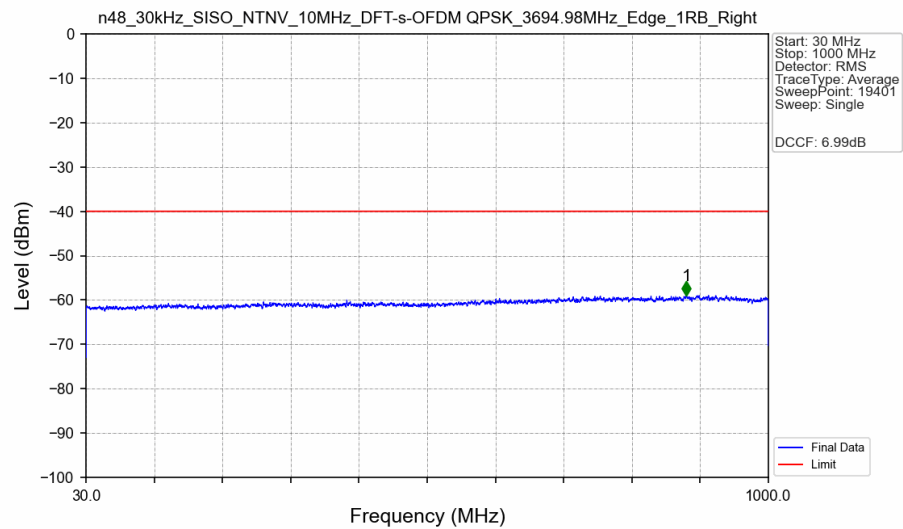
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3523.360   | -55.09      | -40         | Pass   |
| 3530        | 3679.98    | 1         | CHP    | 2          | 3679.975   | -53.09      | -25         | Pass   |
| 3679.98     | 3688.98    | 1         | CHP    | 3          | 3688.480   | -38.19      | -13         | Pass   |
| 3688.98     | 3689.98    | 0.03      | /      | 4          | 3689.965   | -31.94      | -13         | Pass   |
| 3689.98     | 3699.98    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.03      | /      | 5          | 3700.240   | -53.28      | -13         | Pass   |
| 3700.98     | 3709.98    | 1         | CHP    | 6          | 3701.485   | -40.67      | -13         | Pass   |
| 3709.98     | 3720       | 1         | CHP    | 7          | 3710.035   | -53.55      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3723.340   | -54.31      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3694.98MHz\_Edge\_1RB\_Right\_Ant8



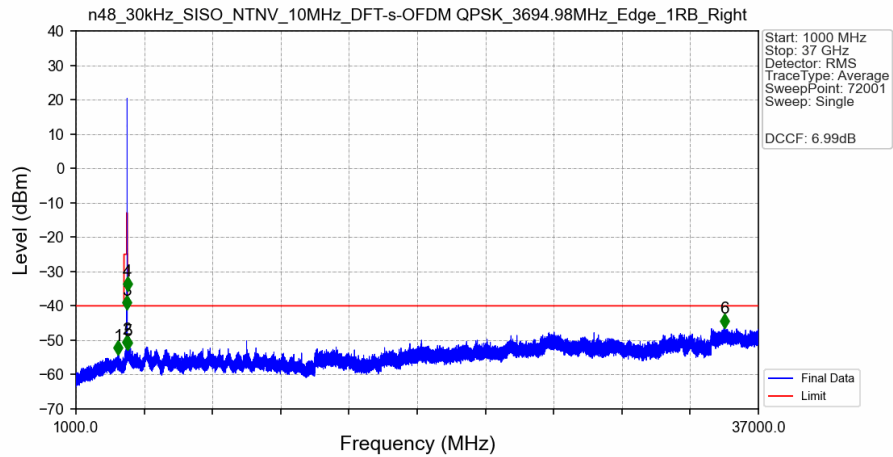
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.945   | -55.15      | -40         | Pass   |
| 3530        | 3679.98    | 1         | CHP    | 2          | 3679.390   | -53.92      | -25         | Pass   |
| 3679.98     | 3688.98    | 1         | CHP    | 3          | 3688.480   | -40.68      | -13         | Pass   |
| 3688.98     | 3689.98    | 0.03      | /      | 4          | 3689.650   | -52.67      | -13         | Pass   |
| 3689.98     | 3699.98    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.03      | /      | 5          | 3699.985   | -33.79      | -13         | Pass   |
| 3700.98     | 3709.98    | 1         | CHP    | 6          | 3701.485   | -36.58      | -13         | Pass   |
| 3709.98     | 3720       | 1         | CHP    | 7          | 3710.005   | -53.69      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3726.880   | -54.24      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3694.98MHz\_Edge\_1RB\_Right\_Ant8



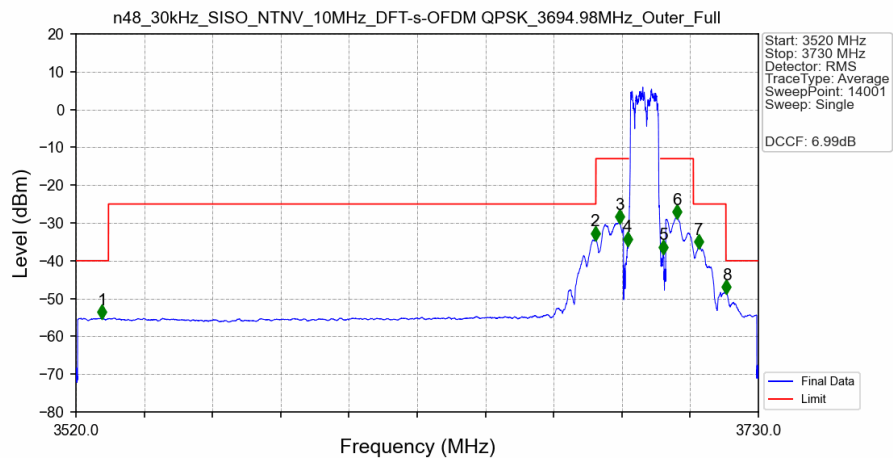
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 883.350    | -58.96      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3694.98MHz\_Edge\_1RB\_Right\_Ant8



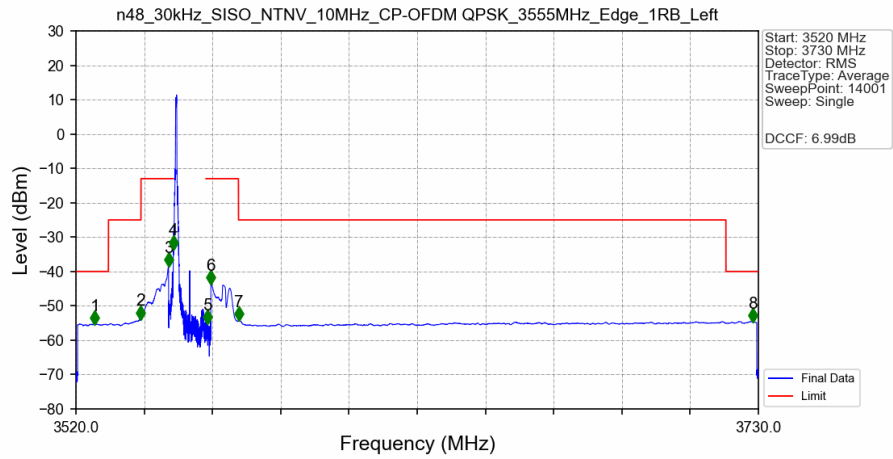
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 3224.500   | -53.86      | -40         | Pass   |
| 3530        | 3679.98    | 1         | /      | 2          | 3679.500   | -52.13      | -25         | Pass   |
| 3679.98     | 3688.98    | 1         | /      | 3          | 3684.500   | -40.72      | -13         | Pass   |
| 3688.98     | 3704.98    | 1         | /      | /          | /          | /           | /           | /      |
| 3704.98     | 3709.98    | 1         | /      | 4          | 3705.000   | -35.26      | -13         | Pass   |
| 3709.98     | 3720       | 1         | /      | 5          | 3715.500   | -52.49      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 35208.500  | -46.06      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3694.98MHz\_Outer\_Full\_Ant8



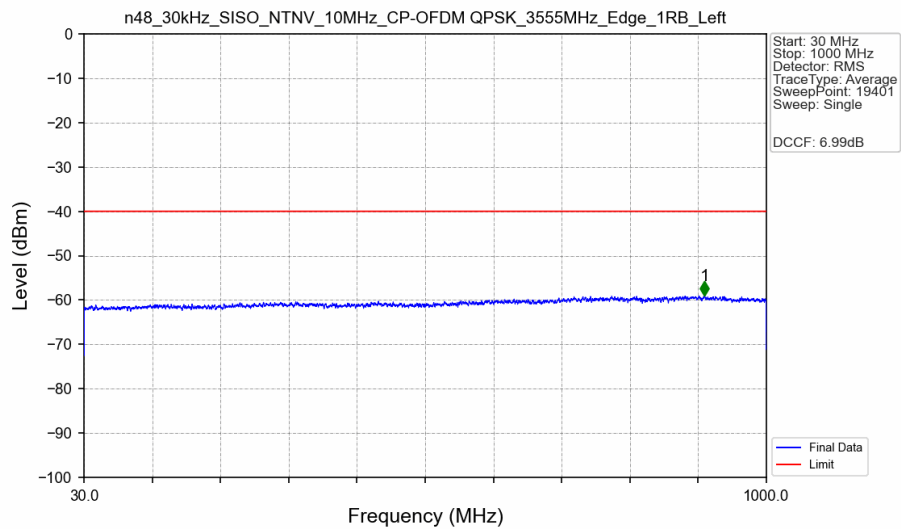
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3528.010   | -55.12      | -40         | Pass   |
| 3530        | 3679.98    | 1         | CHP    | 2          | 3679.765   | -34.31      | -25         | Pass   |
| 3679.98     | 3688.98    | 1         | CHP    | 3          | 3687.265   | -29.90      | -13         | Pass   |
| 3688.98     | 3689.98    | 0.09429   | CHP    | 4          | 3689.740   | -35.77      | -13         | Pass   |
| 3689.98     | 3699.98    | 0.09429   | CHP    | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.09429   | CHP    | 5          | 3700.645   | -37.92      | -13         | Pass   |
| 3700.98     | 3709.98    | 1         | CHP    | 6          | 3704.965   | -28.57      | -13         | Pass   |
| 3709.98     | 3720       | 1         | CHP    | 7          | 3711.610   | -36.54      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.190   | -48.44      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_3555MHz\_Edge\_1RB\_Left\_Ant8



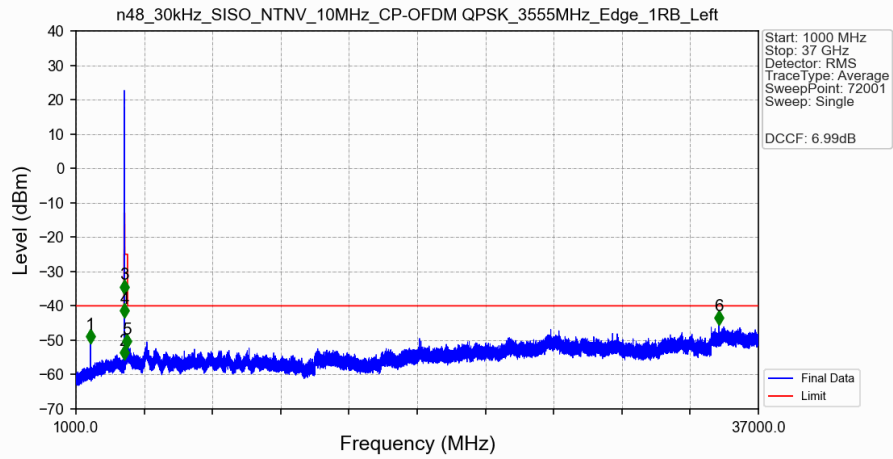
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3525.730   | -55.16      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3539.980   | -53.71      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3548.500   | -38.24      | -13         | Pass   |
| 3549        | 3550       | 0.03      | /      | 4          | 3549.985   | -33.22      | -13         | Pass   |
| 3550        | 3560       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3560        | 3561       | 0.03      | /      | 5          | 3560.380   | -55.00      | -13         | Pass   |
| 3561        | 3570       | 1         | CHP    | 6          | 3561.535   | -43.40      | -13         | Pass   |
| 3570        | 3720       | 1         | CHP    | 7          | 3570.190   | -54.12      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3728.305   | -54.50      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_3555MHz\_Edge\_1RB\_Left\_Ant8



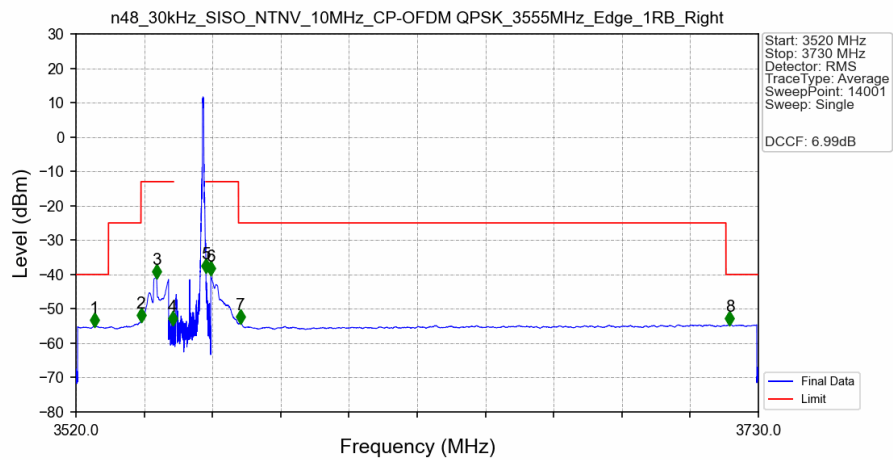
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 912.150    | -58.89      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_3555MHz\_Edge\_1RB\_Left\_Ant8



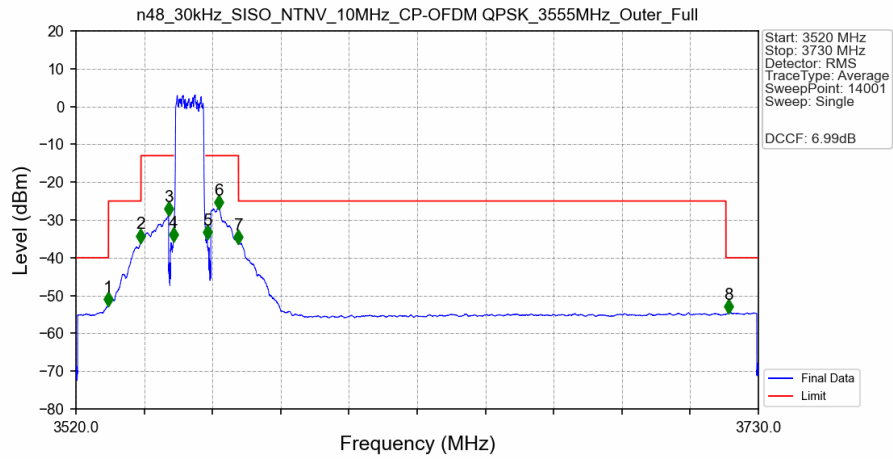
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 1767.000   | -50.59      | -40         | Pass   |
| 3530        | 3540       | 1         | /      | 2          | 3539.500   | -55.32      | -25         | Pass   |
| 3540        | 3549       | 1         | /      | 3          | 3544.500   | -36.19      | -13         | Pass   |
| 3549        | 3565       | 1         | /      | /          | /          | /           | /           | /      |
| 3565        | 3570       | 1         | /      | 4          | 3565.500   | -43.13      | -13         | Pass   |
| 3570        | 3720       | 1         | /      | 5          | 3665.500   | -52.06      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 34914.500  | -45.28      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM\_QPSK\_3555MHz\_Edge\_1RB\_Right\_Ant8



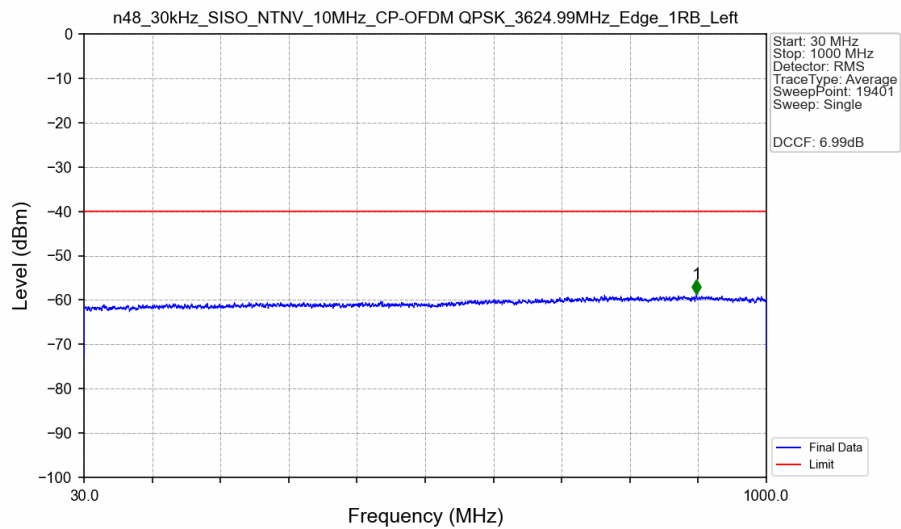
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3525.625   | -55.00      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3539.995   | -53.61      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3544.720   | -40.90      | -13         | Pass   |
| 3549        | 3550       | 0.03      | /      | 4          | 3549.775   | -54.52      | -13         | Pass   |
| 3550        | 3560       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3560        | 3561       | 0.03      | /      | 5          | 3560.005   | -39.28      | -13         | Pass   |
| 3561        | 3570       | 1         | CHP    | 6          | 3561.505   | -39.98      | -13         | Pass   |
| 3570        | 3720       | 1         | CHP    | 7          | 3570.550   | -54.12      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3721.180   | -54.57      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3555MHz\_Outer\_Full\_Ant8



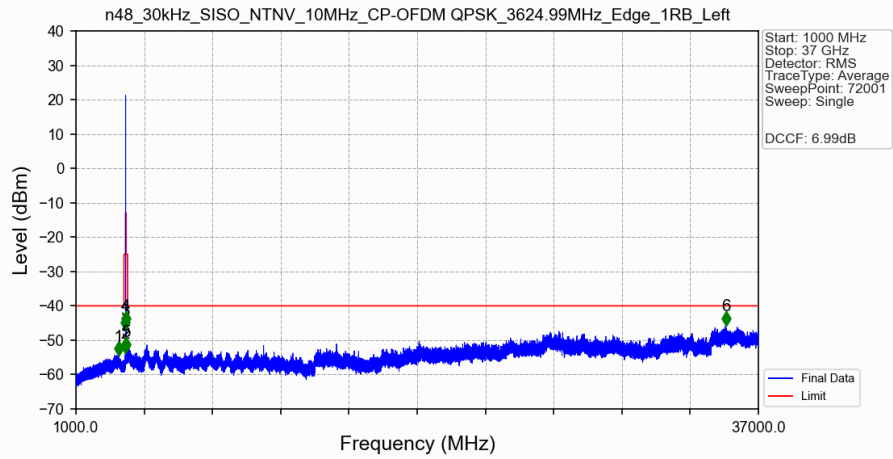
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.900   | -52.59      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3539.980   | -35.79      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3548.500   | -28.69      | -13         | Pass   |
| 3549        | 3550       | 0.09429   | CHP    | 4          | 3549.985   | -35.40      | -13         | Pass   |
| 3550        | 3560       | 0.09429   | CHP    | /          | /          | /           | /           | /      |
| 3560        | 3561       | 0.09429   | CHP    | 5          | 3560.350   | -34.85      | -13         | Pass   |
| 3561        | 3570       | 1         | CHP    | 6          | 3563.860   | -26.88      | -13         | Pass   |
| 3570        | 3720       | 1         | CHP    | 7          | 3570.010   | -36.12      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.895   | -54.41      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3624.99MHz\_Edge\_1RB\_Left\_Ant8



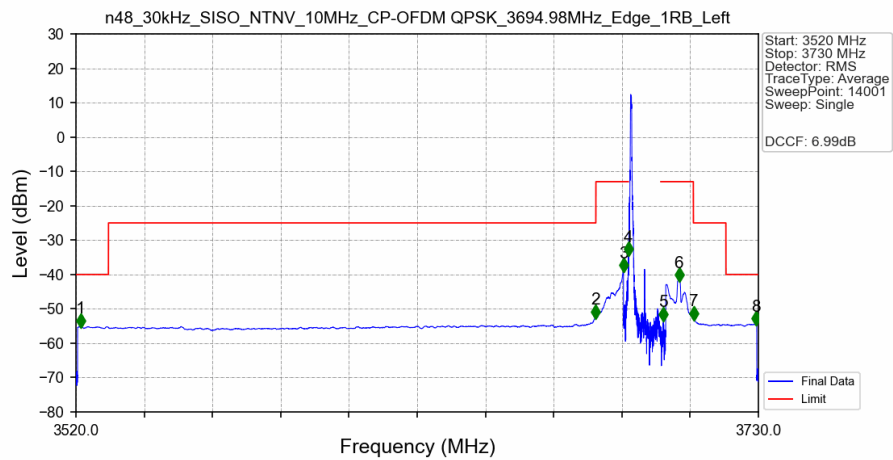
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 900.650    | -58.57      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK 3624.99MHz\_Edge\_1RB\_Left Ant8



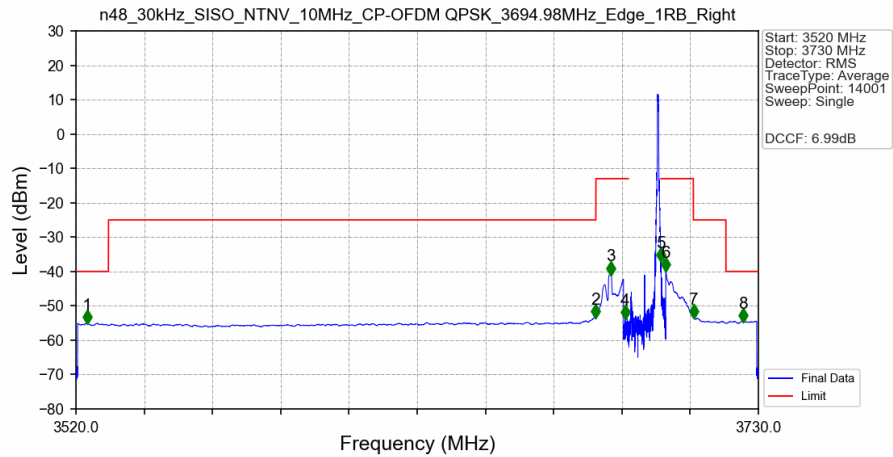
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 3253.000   | -54.21      | -40         | Pass   |
| 3530        | 3609.99    | 1         | /      | 2          | 3609.000   | -53.32      | -25         | Pass   |
| 3609.99     | 3618.99    | 1         | /      | 3          | 3614.500   | -46.66      | -13         | Pass   |
| 3618.99     | 3634.99    | 1         | /      | /          | /          | /           | /           | /      |
| 3634.99     | 3639.99    | 1         | /      | 4          | 3636.000   | -45.35      | -13         | Pass   |
| 3639.99     | 3720       | 1         | /      | 5          | 3640.500   | -52.84      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 35281.500  | -45.33      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK 3694.98MHz\_Edge\_1RB\_Left Ant8



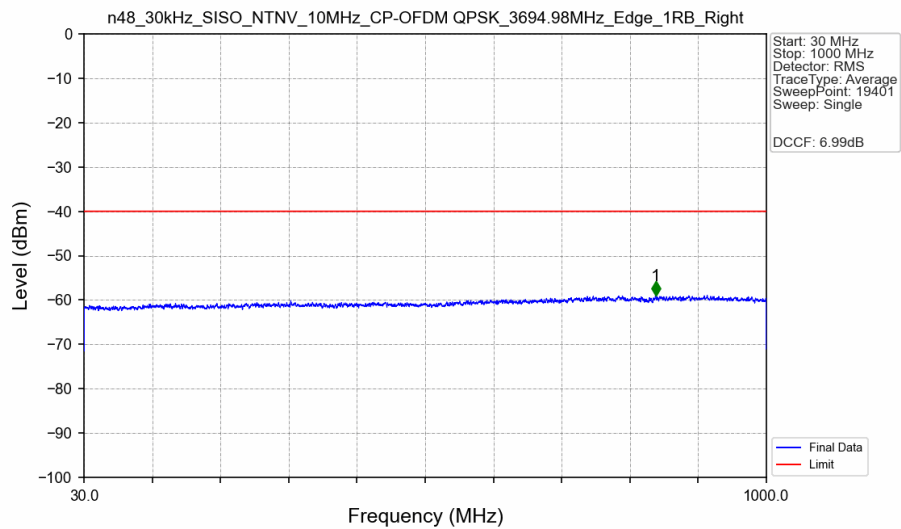
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3521.395   | -55.12      | -40         | Pass   |
| 3530        | 3679.98    | 1         | CHP    | 2          | 3679.975   | -52.48      | -25         | Pass   |
| 3679.98     | 3688.98    | 1         | CHP    | 3          | 3688.480   | -38.92      | -13         | Pass   |
| 3688.98     | 3689.98    | 0.03      | /      | 4          | 3689.950   | -34.36      | -13         | Pass   |
| 3689.98     | 3699.98    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.03      | /      | 5          | 3700.795   | -53.24      | -13         | Pass   |
| 3700.98     | 3709.98    | 1         | CHP    | 6          | 3705.565   | -41.77      | -13         | Pass   |
| 3709.98     | 3720       | 1         | CHP    | 7          | 3710.050   | -53.01      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3729.340   | -54.45      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3694.98MHz\_Edge\_1RB\_Right\_Ant8



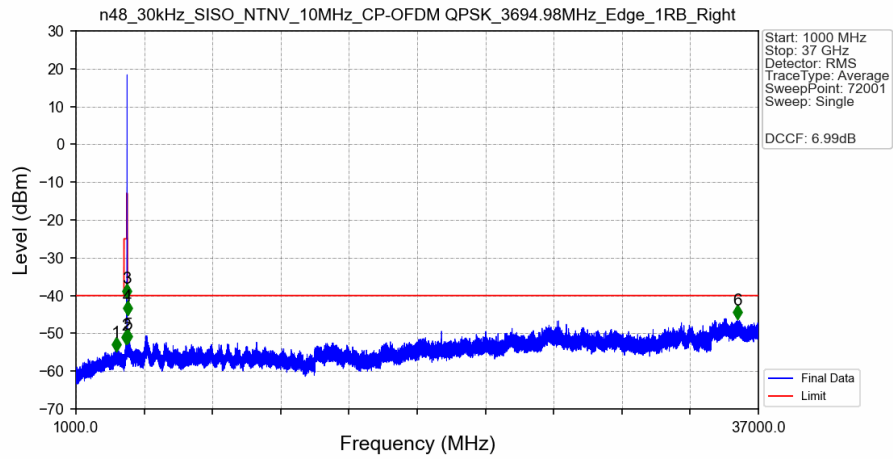
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3523.375   | -54.90      | -40         | Pass   |
| 3530        | 3679.98    | 1         | CHP    | 2          | 3679.885   | -53.31      | -25         | Pass   |
| 3679.98     | 3688.98    | 1         | CHP    | 3          | 3684.595   | -40.79      | -13         | Pass   |
| 3688.98     | 3689.98    | 0.03      | /      | 4          | 3689.005   | -53.60      | -13         | Pass   |
| 3689.98     | 3699.98    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.03      | /      | 5          | 3699.985   | -36.94      | -13         | Pass   |
| 3700.98     | 3709.98    | 1         | CHP    | 6          | 3701.485   | -39.62      | -13         | Pass   |
| 3709.98     | 3720       | 1         | CHP    | 7          | 3710.065   | -53.39      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3725.185   | -54.43      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3694.98MHz\_Edge\_1RB\_Right\_Ant8



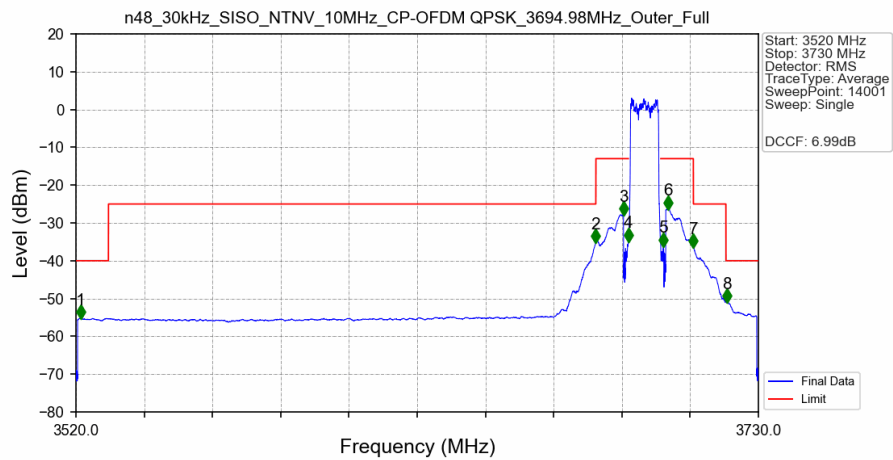
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 842.700    | -58.89      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3694.98MHz\_Edge\_1RB\_Right\_Ant8



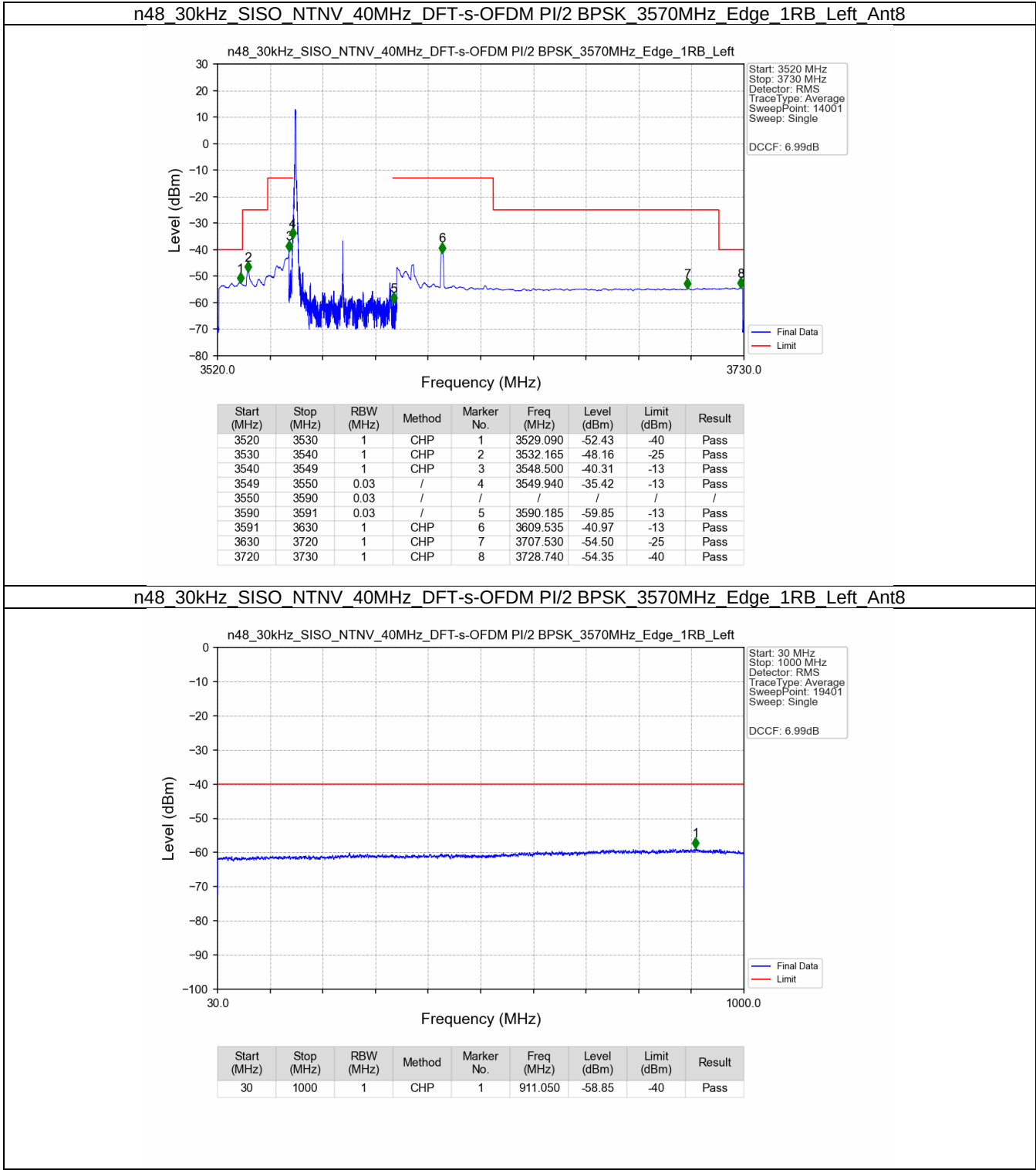
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 3120.500   | -54.47      | -40         | Pass   |
| 3530        | 3679.98    | 1         | /      | 2          | 3641.500   | -52.63      | -25         | Pass   |
| 3679.98     | 3688.98    | 1         | /      | 3          | 3684.500   | -40.29      | -13         | Pass   |
| 3688.98     | 3704.98    | 1         | /      | /          | /          | /           | /           | /      |
| 3704.98     | 3709.98    | 1         | /      | 4          | 3705.500   | -44.83      | -13         | Pass   |
| 3709.98     | 3720       | 1         | /      | 5          | 3712.000   | -52.37      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 35913.500  | -45.94      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_10MHz\_CP-OFDM QPSK\_3694.98MHz\_Outer\_Full\_Ant8

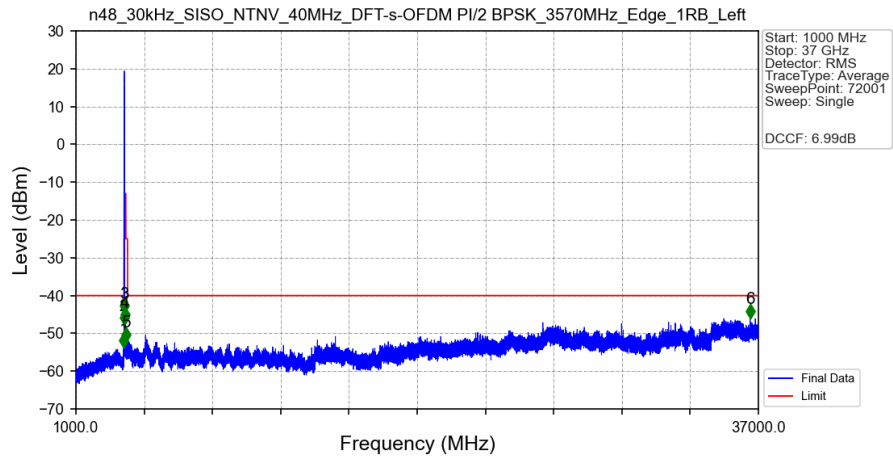


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3521.455   | -55.17      | -40         | Pass   |
| 3530        | 3679.98    | 1         | CHP    | 2          | 3679.975   | -35.00      | -25         | Pass   |
| 3679.98     | 3688.98    | 1         | CHP    | 3          | 3688.480   | -27.77      | -13         | Pass   |
| 3688.98     | 3689.98    | 0.09429   | CHP    | 4          | 3689.965   | -34.72      | -13         | Pass   |
| 3689.98     | 3699.98    | 0.09429   | CHP    | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.09429   | CHP    | 5          | 3700.780   | -36.00      | -13         | Pass   |
| 3700.98     | 3709.98    | 1         | CHP    | 6          | 3702.160   | -26.17      | -13         | Pass   |
| 3709.98     | 3720       | 1         | CHP    | 7          | 3709.990   | -36.27      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.400   | -50.79      | -40         | Pass   |

5.2.2 30\_S\_40M\_NTNV

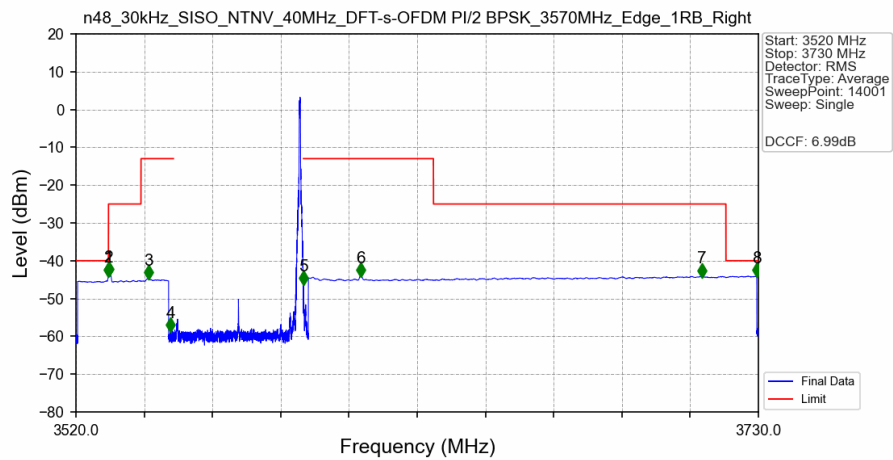


## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3570MHz\_Edge\_1RB\_Left\_Ant8



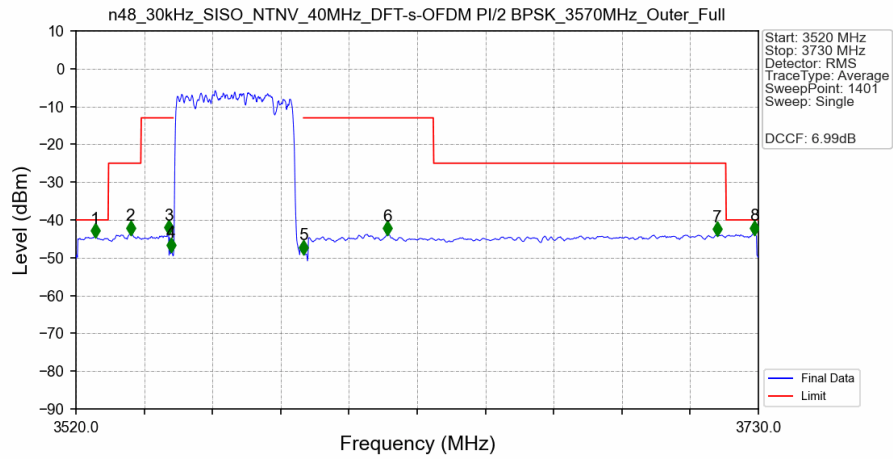
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 3519.500   | -53.49      | -40         | Pass   |
| 3530        | 3540       | 1         | /      | 2          | 3532.000   | -47.40      | -25         | Pass   |
| 3540        | 3549       | 1         | /      | 3          | 3543.500   | -44.30      | -13         | Pass   |
| 3549        | 3595       | 1         | /      | /          | /          | /           | /           | /      |
| 3595        | 3630       | 1         | /      | 4          | 3597.000   | -46.63      | -13         | Pass   |
| 3630        | 3720       | 1         | /      | 5          | 3633.000   | -51.86      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 36560.500  | -45.66      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3570MHz\_Edge\_1RB\_Right\_Ant8



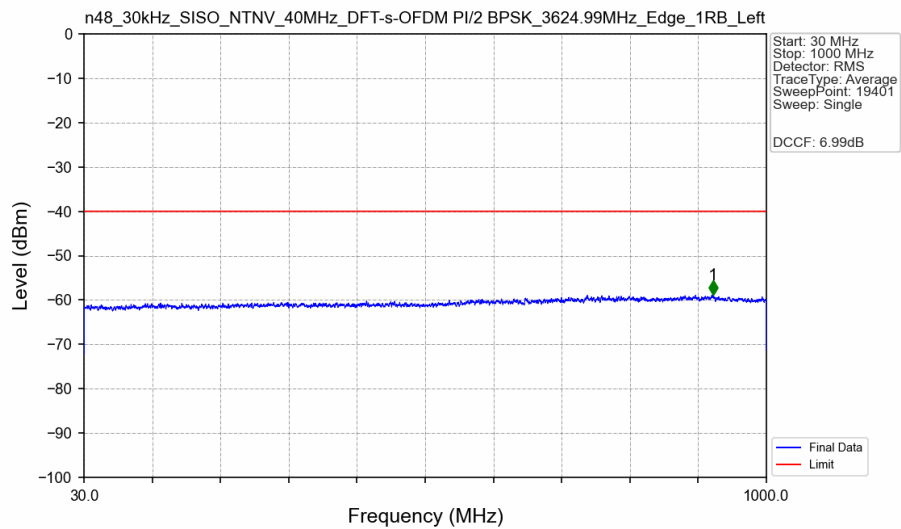
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.990   | -43.93      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3530.080   | -43.72      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3542.395   | -44.71      | -13         | Pass   |
| 3549        | 3550       | 0.03      | /      | 4          | 3549.160   | -58.50      | -13         | Pass   |
| 3550        | 3590       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3590        | 3591       | 0.03      | /      | 5          | 3590.005   | -46.09      | -13         | Pass   |
| 3591        | 3630       | 1         | CHP    | 6          | 3607.660   | -44.03      | -13         | Pass   |
| 3630        | 3720       | 1         | CHP    | 7          | 3712.645   | -44.09      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3729.490   | -44.05      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3570MHz\_Outer\_Full\_Ant8



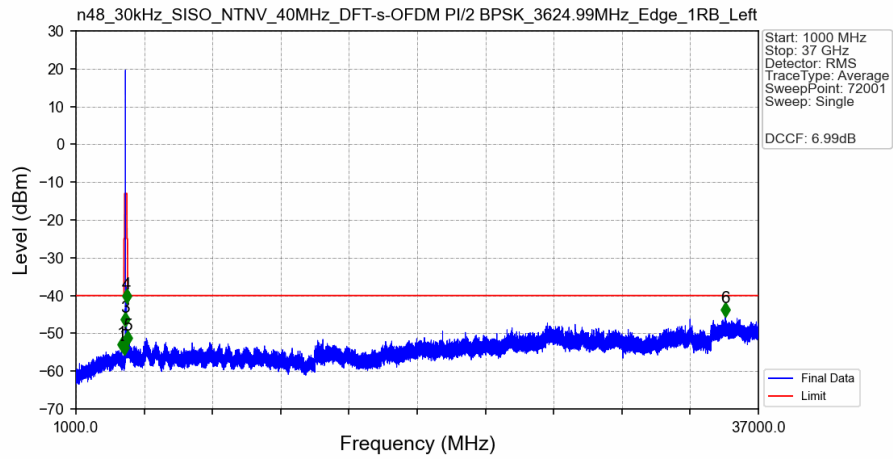
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3525.850   | -44.35      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3536.800   | -43.65      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3548.500   | -43.51      | -13         | Pass   |
| 3549        | 3550       | 0.38219   | CHP    | 4          | 3549.250   | -48.11      | -13         | Pass   |
| 3550        | 3590       | 0.38219   | CHP    | /          | /          | /           | /           | /      |
| 3590        | 3591       | 0.38219   | CHP    | 5          | 3590.050   | -48.74      | -13         | Pass   |
| 3591        | 3630       | 1         | CHP    | 6          | 3615.850   | -43.74      | -13         | Pass   |
| 3630        | 3720       | 1         | CHP    | 7          | 3717.400   | -43.99      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3728.650   | -43.63      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3624.99MHz\_Edge\_1RB\_Left\_Ant8



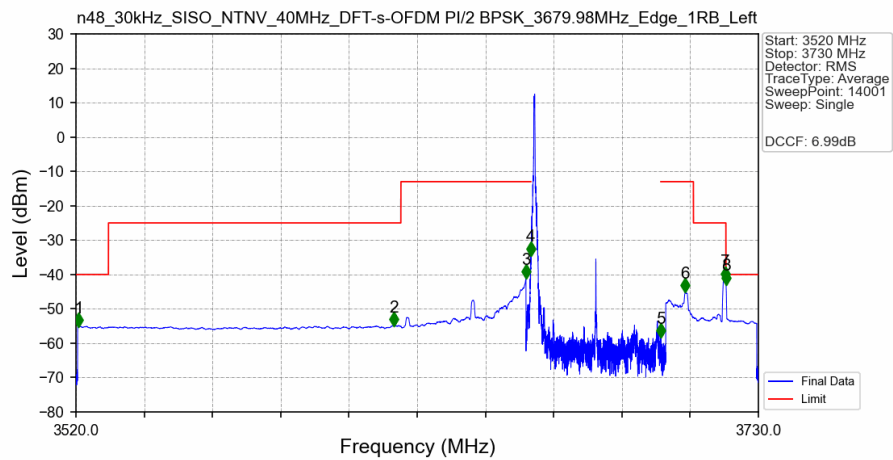
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 924.100    | -58.77      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3624.99MHz\_Edge\_1RB\_Left\_Ant8



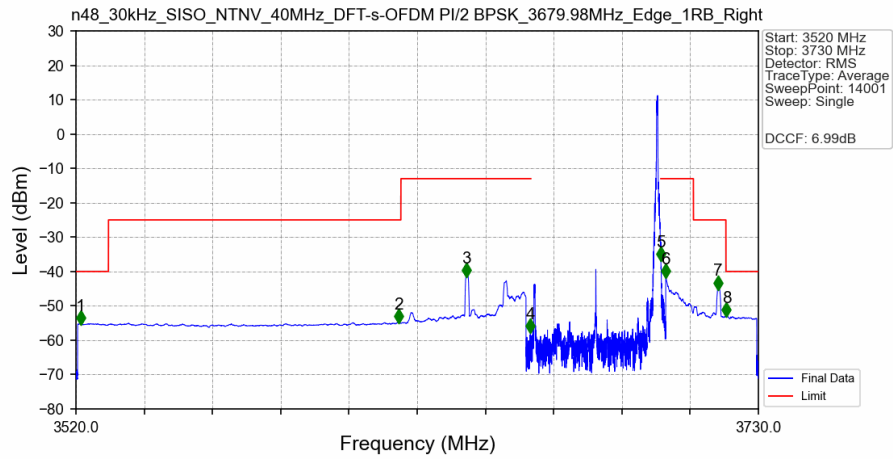
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 3414.500   | -54.45      | -40         | Pass   |
| 3530        | 3564.99    | 1         | /      | 2          | 3563.500   | -55.36      | -25         | Pass   |
| 3564.99     | 3603.99    | 1         | /      | 3          | 3598.500   | -47.93      | -13         | Pass   |
| 3603.99     | 3649.99    | 1         | /      | /          | /          | /           | /           | /      |
| 3649.99     | 3684.99    | 1         | /      | 4          | 3665.000   | -41.73      | -13         | Pass   |
| 3684.99     | 3720       | 1         | /      | 5          | 3709.000   | -52.68      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 35243.500  | -45.30      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3679.98MHz\_Edge\_1RB\_Left\_Ant8



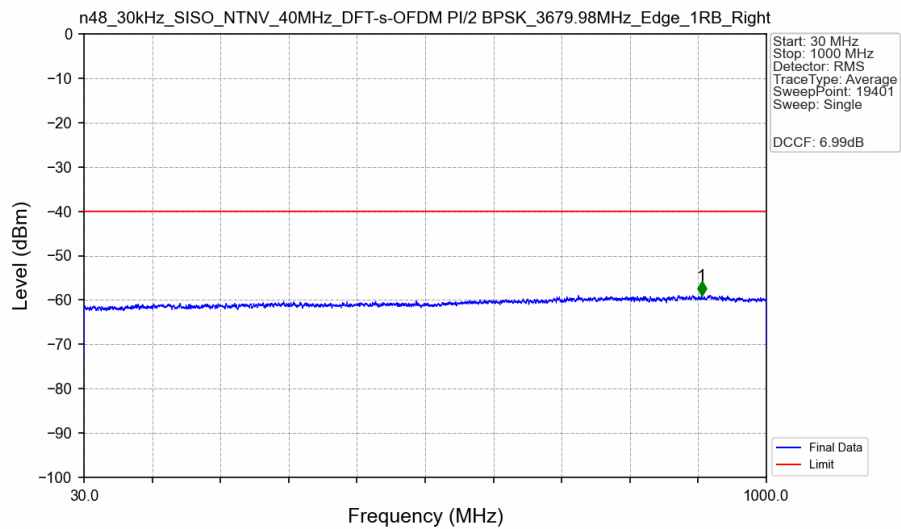
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3520.840   | -55.01      | -40         | Pass   |
| 3530        | 3619.98    | 1         | CHP    | 2          | 3617.725   | -54.82      | -25         | Pass   |
| 3619.98     | 3658.98    | 1         | CHP    | 3          | 3658.480   | -40.91      | -13         | Pass   |
| 3658.98     | 3659.98    | 0.03      | /      | 4          | 3659.965   | -34.16      | -13         | Pass   |
| 3659.98     | 3699.98    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.03      | /      | 5          | 3699.985   | -58.00      | -13         | Pass   |
| 3700.98     | 3710       | 1         | CHP    | 6          | 3707.500   | -44.93      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3719.755   | -41.47      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.010   | -42.61      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3679.98MHz\_Edge\_1RB\_Right\_Ant8



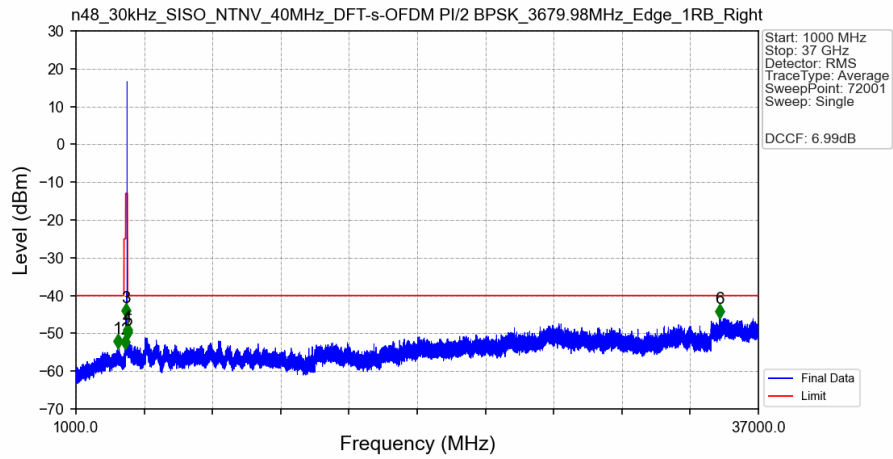
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3521.455   | -55.14      | -40         | Pass   |
| 3530        | 3619.98    | 1         | CHP    | 2          | 3619.330   | -54.80      | -25         | Pass   |
| 3619.98     | 3658.98    | 1         | CHP    | 3          | 3640.075   | -41.27      | -13         | Pass   |
| 3658.98     | 3659.98    | 0.03      | /      | 4          | 3659.845   | -57.62      | -13         | Pass   |
| 3659.98     | 3699.98    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.03      | /      | 5          | 3699.985   | -36.71      | -13         | Pass   |
| 3700.98     | 3710       | 1         | CHP    | 6          | 3701.485   | -41.50      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3717.655   | -45.00      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.190   | -52.83      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK\_3679.98MHz\_Edge\_1RB\_Right\_Ant8



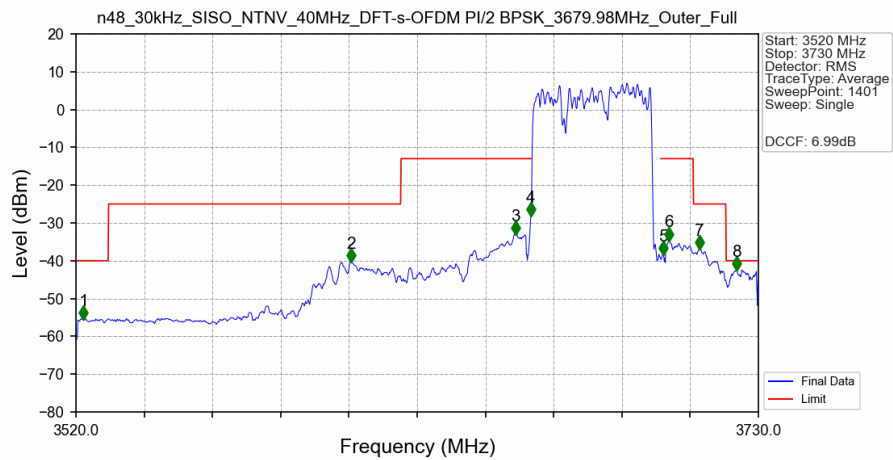
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 908.000    | -58.89      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK 3679.98MHz\_Edge\_1RB\_Right\_Ant8



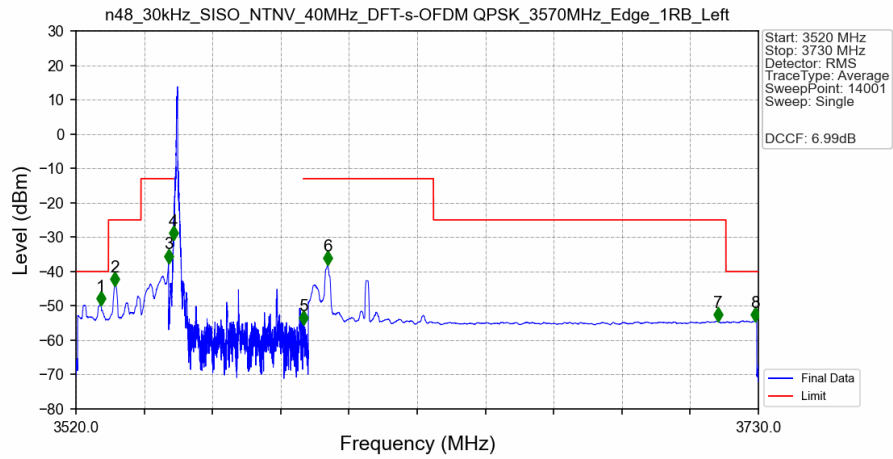
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 3192.000   | -53.53      | -40         | Pass   |
| 3530        | 3619.98    | 1         | /      | 2          | 3610.500   | -53.80      | -25         | Pass   |
| 3619.98     | 3658.98    | 1         | /      | 3          | 3640.000   | -45.45      | -13         | Pass   |
| 3658.98     | 3704.98    | 1         | /      | /          | /          | /           | /           | /      |
| 3704.98     | 3710       | 1         | /      | 4          | 3707.500   | -50.59      | -13         | Pass   |
| 3710        | 3720       | 1         | /      | 5          | 3718.500   | -51.34      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 34941.500  | -45.67      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM PI/2 BPSK 3679.98MHz\_Outer\_Full\_Ant8



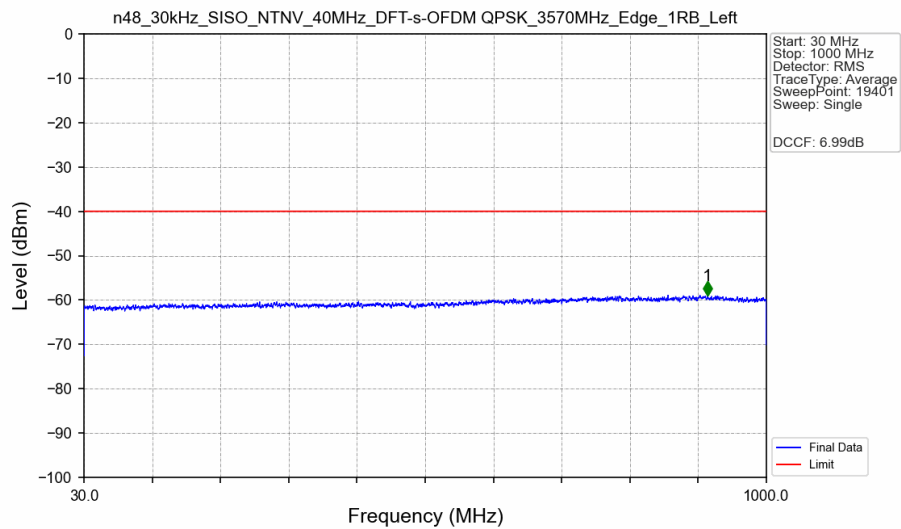
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3522.250   | -55.31      | -40         | Pass   |
| 3530        | 3619.98    | 1         | CHP    | 2          | 3604.750   | -40.22      | -25         | Pass   |
| 3619.98     | 3658.98    | 1         | CHP    | 3          | 3655.300   | -32.89      | -13         | Pass   |
| 3658.98     | 3659.98    | 0.38219   | CHP    | 4          | 3659.950   | -27.92      | -13         | Pass   |
| 3659.98     | 3699.98    | 0.38219   | CHP    | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.38219   | CHP    | 5          | 3700.600   | -38.28      | -13         | Pass   |
| 3700.98     | 3710       | 1         | CHP    | 6          | 3702.400   | -34.49      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3711.850   | -36.70      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3723.250   | -42.36      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3570MHz\_Edge\_1RB\_Left\_Ant8



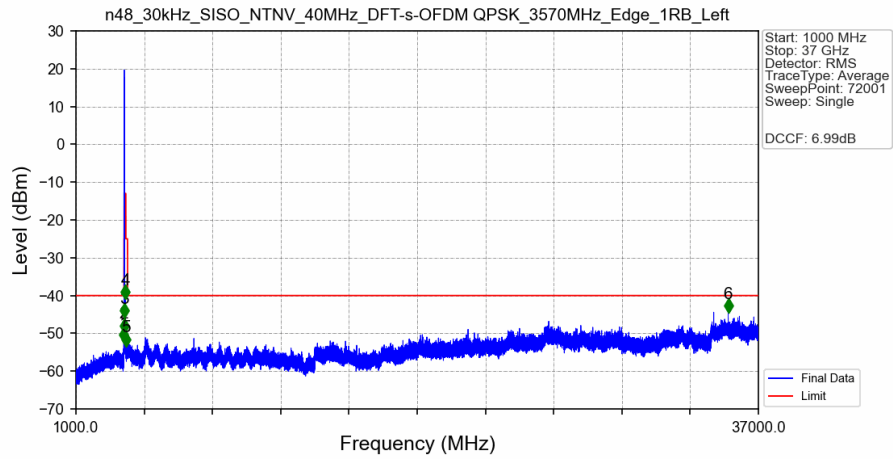
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3527.620   | -49.61      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3532.015   | -43.96      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3548.500   | -37.25      | -13         | Pass   |
| 3549        | 3550       | 0.03      | /      | 4          | 3549.970   | -30.60      | -13         | Pass   |
| 3550        | 3590       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3590        | 3591       | 0.03      | /      | 5          | 3590.065   | -55.16      | -13         | Pass   |
| 3591        | 3630       | 1         | CHP    | 6          | 3597.460   | -37.84      | -13         | Pass   |
| 3630        | 3720       | 1         | CHP    | 7          | 3717.475   | -54.21      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3728.905   | -54.29      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3570MHz\_Edge\_1RB\_Left\_Ant8



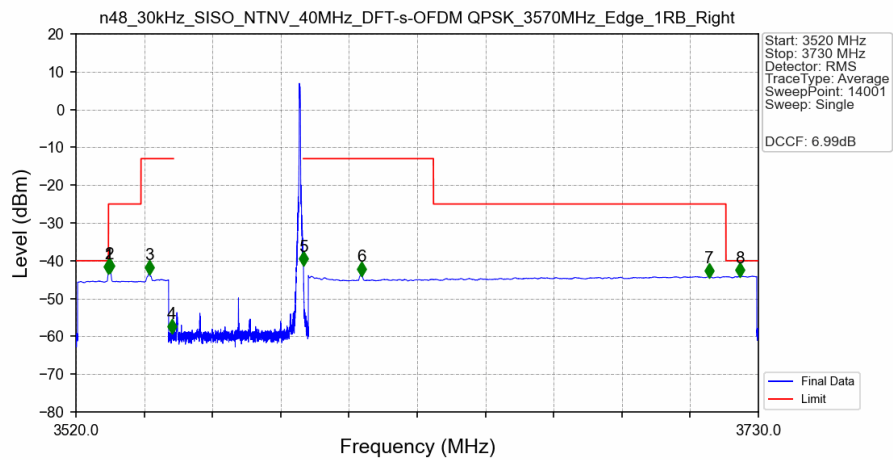
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 916.200    | -58.90      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3570MHz\_Edge\_1RB\_Left\_Ant8



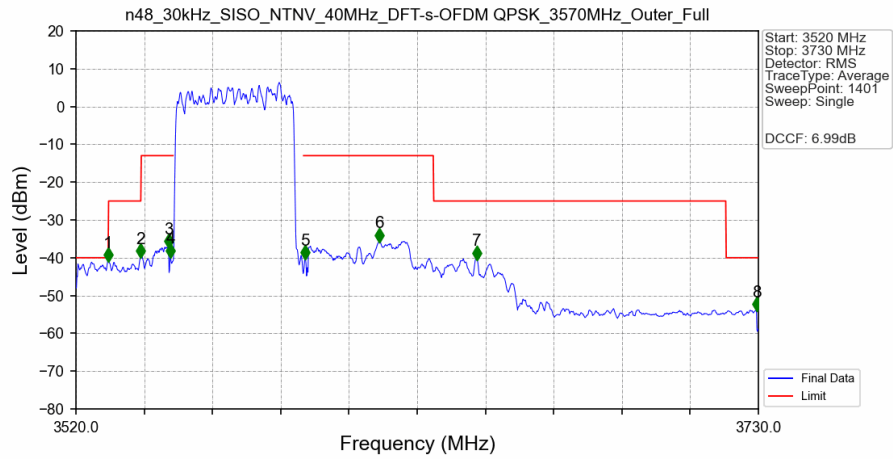
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 3526.000   | -51.98      | -40         | Pass   |
| 3530        | 3540       | 1         | /      | 2          | 3539.000   | -49.51      | -25         | Pass   |
| 3540        | 3549       | 1         | /      | 3          | 3544.000   | -45.50      | -13         | Pass   |
| 3549        | 3595       | 1         | /      | /          | /          | /           | /           | /      |
| 3595        | 3630       | 1         | /      | 4          | 3609.500   | -40.59      | -13         | Pass   |
| 3630        | 3720       | 1         | /      | 5          | 3639.500   | -53.16      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 35404.500  | -44.24      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3570MHz\_Edge\_1RB\_Right\_Ant8



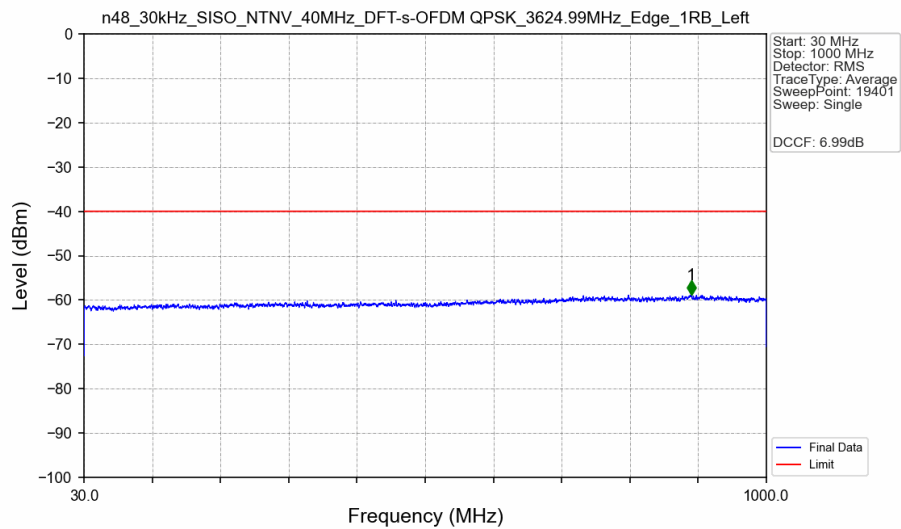
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.990   | -43.14      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3530.320   | -42.97      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3542.470   | -43.26      | -13         | Pass   |
| 3549        | 3550       | 0.03      | /      | 4          | 3549.520   | -58.83      | -13         | Pass   |
| 3550        | 3590       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3590        | 3591       | 0.03      | /      | 5          | 3590.020   | -40.98      | -13         | Pass   |
| 3591        | 3630       | 1         | CHP    | 6          | 3607.795   | -43.71      | -13         | Pass   |
| 3630        | 3720       | 1         | CHP    | 7          | 3714.925   | -44.10      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3724.330   | -43.98      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM QPSK\_3570MHz\_Outer\_Full\_Ant8



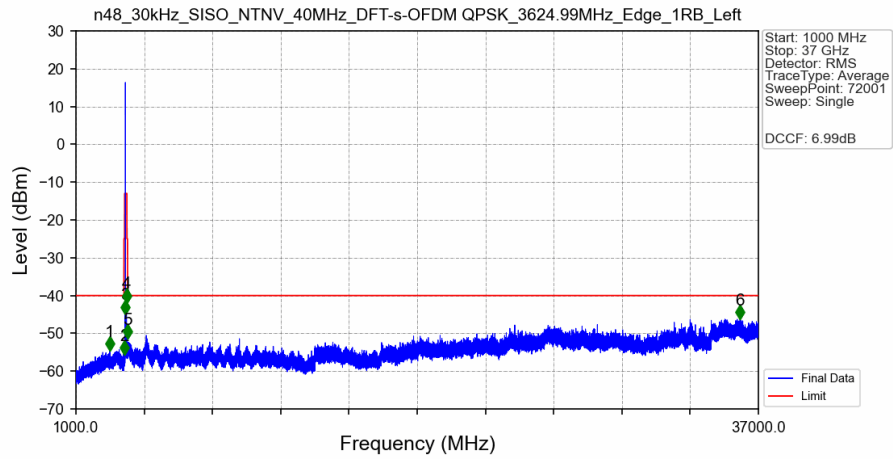
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.900   | -40.73      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3539.950   | -39.77      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3548.500   | -37.17      | -13         | Pass   |
| 3549        | 3550       | 0.38219   | CHP    | 4          | 3549.100   | -39.60      | -13         | Pass   |
| 3550        | 3590       | 0.38219   | CHP    | /          | /          | /           | /           | /      |
| 3590        | 3591       | 0.38219   | CHP    | 5          | 3590.500   | -40.23      | -13         | Pass   |
| 3591        | 3630       | 1         | CHP    | 6          | 3613.450   | -35.55      | -13         | Pass   |
| 3630        | 3720       | 1         | CHP    | 7          | 3643.300   | -40.29      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3729.400   | -53.88      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM QPSK\_3624.99MHz\_Edge\_1RB\_Left\_Ant8



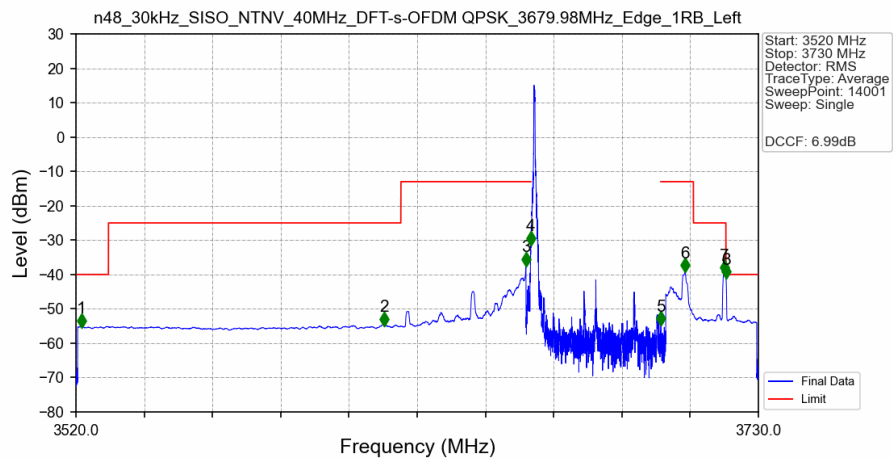
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 893.350    | -58.82      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM QPSK 3624.99MHz\_Edge\_1RB\_Left\_Ant8



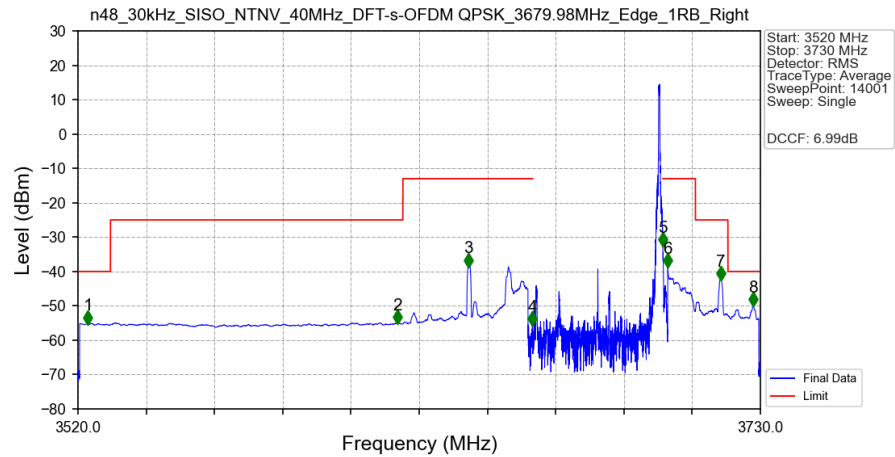
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 2779.500   | -54.25      | -40         | Pass   |
| 3530        | 3564.99    | 1         | /      | 2          | 3555.000   | -55.44      | -25         | Pass   |
| 3564.99     | 3603.99    | 1         | /      | 3          | 3599.500   | -44.56      | -13         | Pass   |
| 3603.99     | 3649.99    | 1         | /      | /          | /          | /           | /           | /      |
| 3649.99     | 3684.99    | 1         | /      | 4          | 3664.500   | -41.57      | -13         | Pass   |
| 3684.99     | 3720       | 1         | /      | 5          | 3704.500   | -51.16      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 36033.000  | -46.02      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM QPSK 3679.98MHz\_Edge\_1RB\_Left\_Ant8



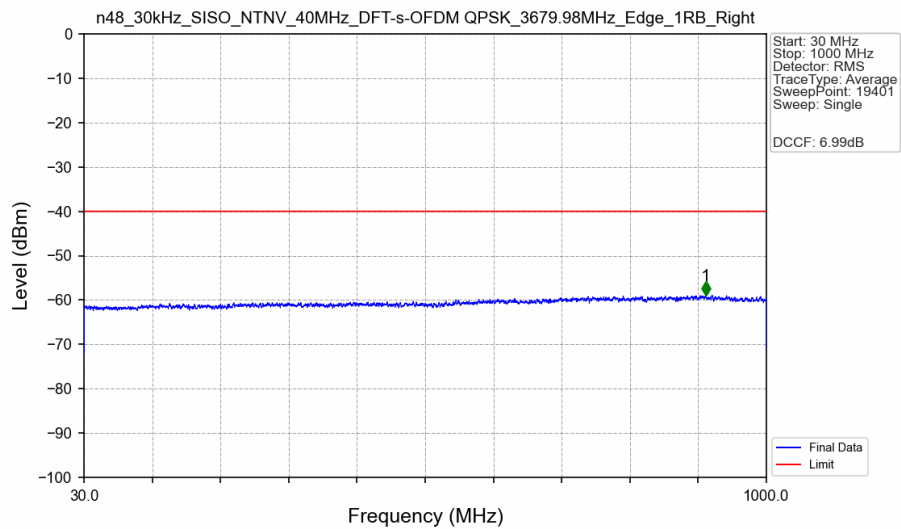
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3521.695   | -55.08      | -40         | Pass   |
| 3530        | 3619.98    | 1         | CHP    | 2          | 3614.875   | -54.63      | -25         | Pass   |
| 3619.98     | 3658.98    | 1         | CHP    | 3          | 3658.480   | -37.23      | -13         | Pass   |
| 3658.98     | 3659.98    | 0.03      | /      | 4          | 3659.950   | -31.15      | -13         | Pass   |
| 3659.98     | 3699.98    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.03      | /      | 5          | 3700.000   | -54.54      | -13         | Pass   |
| 3700.98     | 3710       | 1         | CHP    | 6          | 3707.455   | -38.99      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3719.455   | -39.64      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.010   | -40.88      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3679.98MHz\_Edge\_1RB\_Right\_Ant8



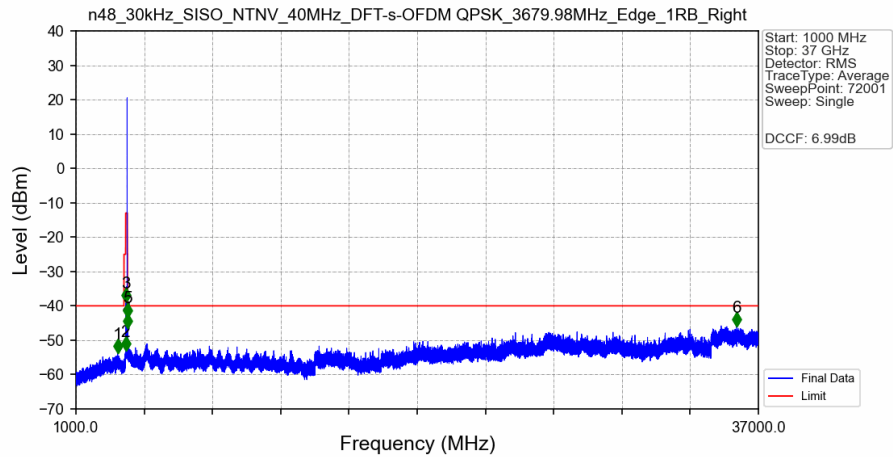
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3523.045   | -55.07      | -40         | Pass   |
| 3530        | 3619.98    | 1         | CHP    | 2          | 3618.265   | -54.92      | -25         | Pass   |
| 3619.98     | 3658.98    | 1         | CHP    | 3          | 3640.240   | -38.42      | -13         | Pass   |
| 3658.98     | 3659.98    | 0.03      | /      | 4          | 3659.830   | -55.41      | -13         | Pass   |
| 3659.98     | 3699.98    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.03      | /      | 5          | 3699.985   | -32.48      | -13         | Pass   |
| 3700.98     | 3710       | 1         | CHP    | 6          | 3701.485   | -38.49      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3717.835   | -42.21      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3727.735   | -49.86      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3679.98MHz\_Edge\_1RB\_Right\_Ant8



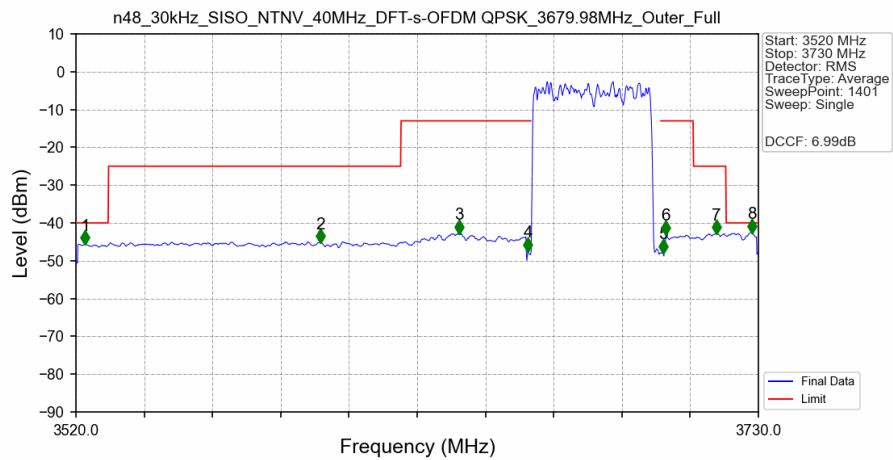
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 913.850    | -58.92      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3679.98MHz\_Edge\_1RB\_Right\_Ant8



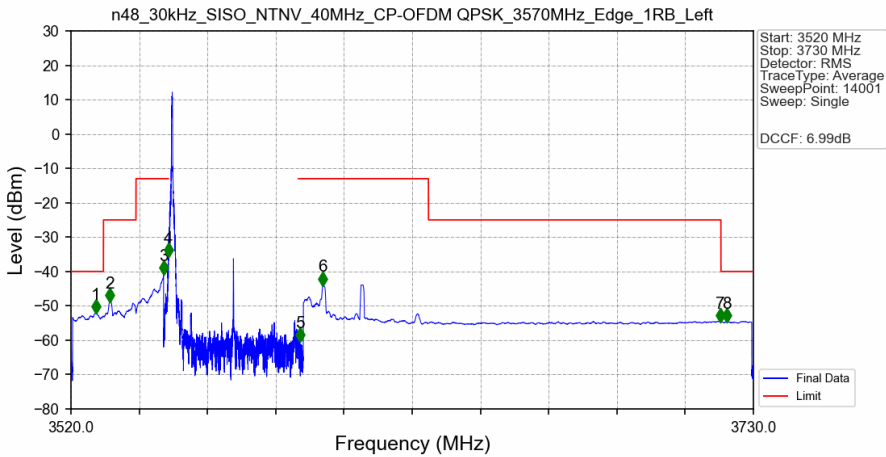
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 3201.000   | -53.42      | -40         | Pass   |
| 3530        | 3619.98    | 1         | /      | 2          | 3618.500   | -52.72      | -25         | Pass   |
| 3619.98     | 3658.98    | 1         | /      | 3          | 3652.500   | -38.60      | -13         | Pass   |
| 3658.98     | 3704.98    | 1         | /      | /          | /          | /           | /           | /      |
| 3704.98     | 3710       | 1         | /      | 4          | 3706.000   | -46.06      | -13         | Pass   |
| 3710        | 3720       | 1         | /      | 5          | 3718.000   | -42.97      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 35833.500  | -45.70      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_DFT-s-OFDM\_QPSK\_3679.98MHz\_Outer\_Full\_Ant8



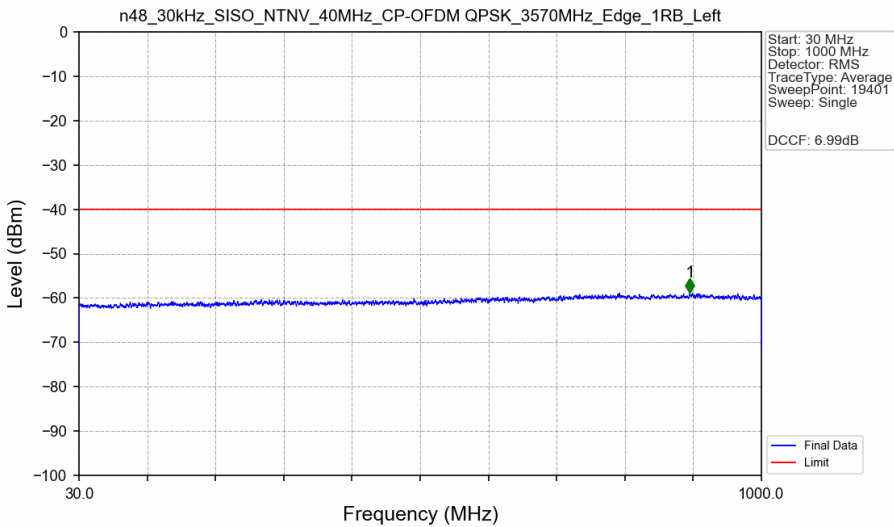
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3522.850   | -45.51      | -40         | Pass   |
| 3530        | 3619.98    | 1         | CHP    | 2          | 3595.150   | -44.98      | -25         | Pass   |
| 3619.98     | 3658.98    | 1         | CHP    | 3          | 3637.900   | -42.56      | -13         | Pass   |
| 3658.98     | 3659.98    | 0.38219   | CHP    | 4          | 3659.050   | -47.28      | -13         | Pass   |
| 3659.98     | 3699.98    | 0.38219   | CHP    | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.38219   | CHP    | 5          | 3700.750   | -47.70      | -13         | Pass   |
| 3700.98     | 3710       | 1         | CHP    | 6          | 3701.500   | -42.77      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3717.100   | -42.65      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3728.050   | -42.34      | -40         | Pass   |

n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3570MHz\_Edge\_1RB\_Left\_Ant8



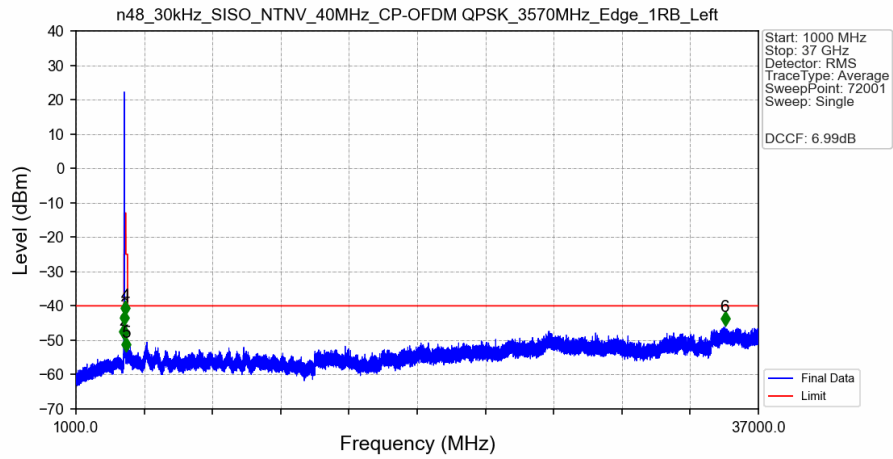
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3527.575   | -51.91      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3531.895   | -48.70      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3548.500   | -40.66      | -13         | Pass   |
| 3549        | 3550       | 0.03      | /      | 4          | 3549.970   | -35.41      | -13         | Pass   |
| 3550        | 3590       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3590        | 3591       | 0.03      | /      | 5          | 3590.425   | -60.11      | -13         | Pass   |
| 3591        | 3630       | 1         | CHP    | 6          | 3597.505   | -43.79      | -13         | Pass   |
| 3630        | 3720       | 1         | CHP    | 7          | 3719.860   | -54.49      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3721.885   | -54.51      | -40         | Pass   |

n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3570MHz\_Edge\_1RB\_Left\_Ant8



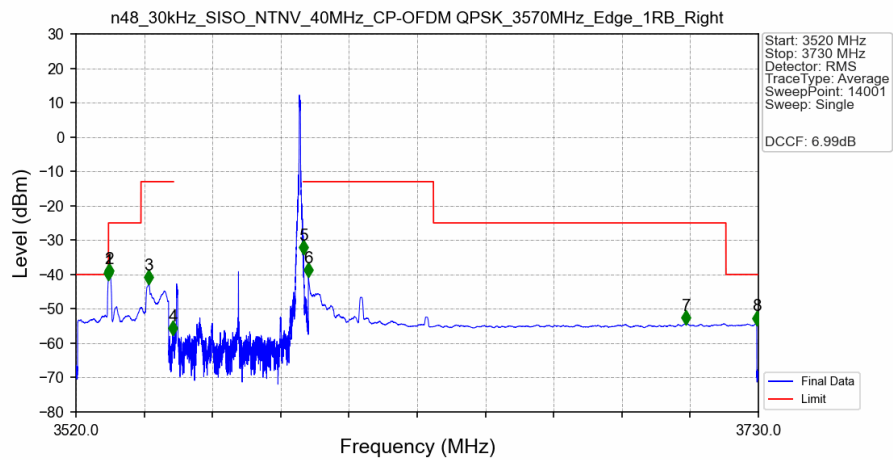
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 898.050    | -58.69      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3570MHz\_Edge\_1RB\_Left\_Ant8



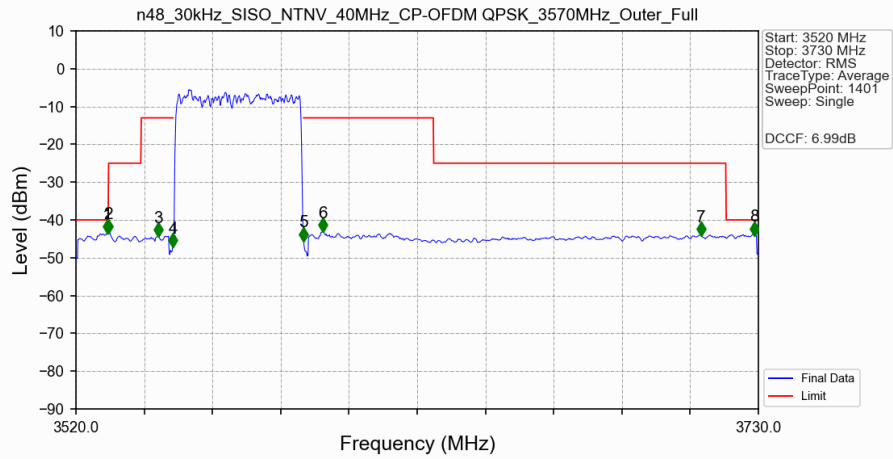
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 3522.500   | -49.28      | -40         | Pass   |
| 3530        | 3540       | 1         | /      | 2          | 3539.500   | -49.45      | -25         | Pass   |
| 3540        | 3549       | 1         | /      | 3          | 3544.000   | -45.06      | -13         | Pass   |
| 3549        | 3595       | 1         | /      | /          | /          | /           | /           | /      |
| 3595        | 3630       | 1         | /      | 4          | 3609.500   | -42.28      | -13         | Pass   |
| 3630        | 3720       | 1         | /      | 5          | 3648.000   | -53.04      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 35235.500  | -45.46      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM\_QPSK\_3570MHz\_Edge\_1RB\_Right\_Ant8



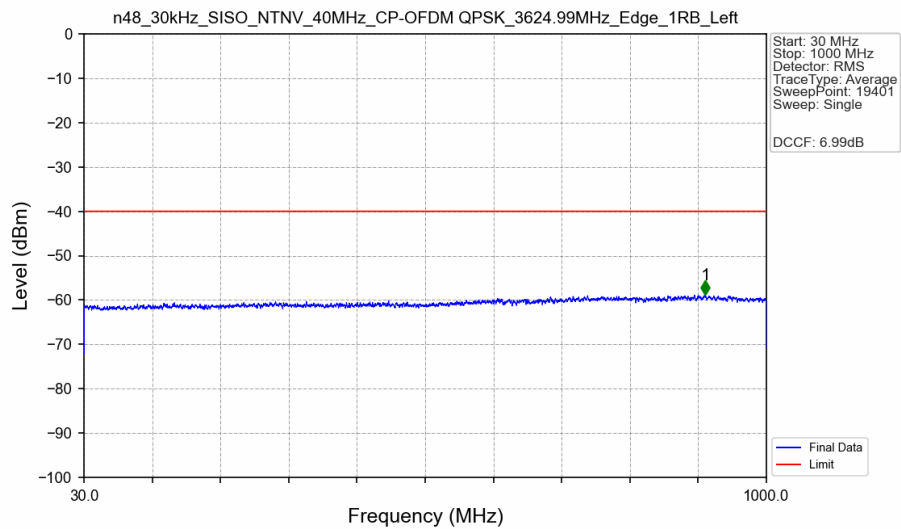
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.990   | -41.21      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3530.245   | -40.63      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3542.440   | -42.49      | -13         | Pass   |
| 3549        | 3550       | 0.03      | /      | 4          | 3549.850   | -57.31      | -13         | Pass   |
| 3550        | 3590       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3590        | 3591       | 0.03      | /      | 5          | 3590.080   | -33.76      | -13         | Pass   |
| 3591        | 3630       | 1         | CHP    | 6          | 3591.505   | -40.35      | -13         | Pass   |
| 3630        | 3720       | 1         | CHP    | 7          | 3707.755   | -54.21      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3729.475   | -54.38      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3570MHz\_Outer\_Full\_Ant8



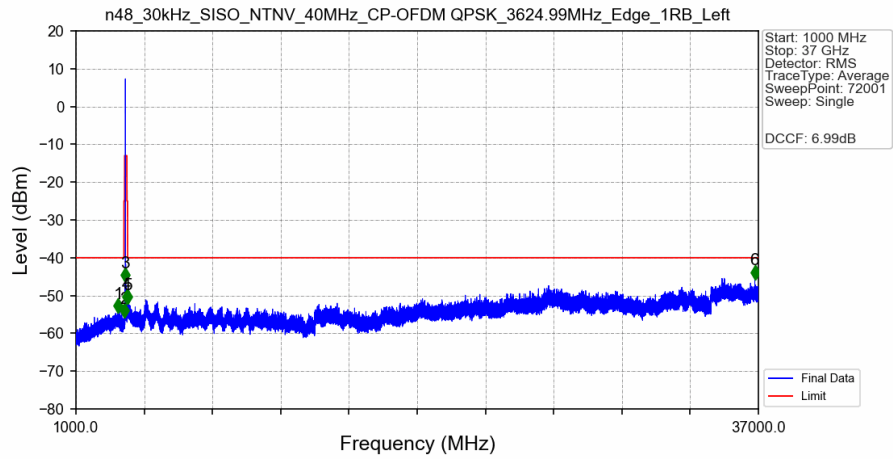
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.600   | -43.26      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3530.050   | -43.24      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3545.350   | -44.14      | -13         | Pass   |
| 3549        | 3550       | 0.38219   | CHP    | 4          | 3549.850   | -46.97      | -13         | Pass   |
| 3550        | 3590       | 0.38219   | CHP    | /          | /          | /           | /           | /      |
| 3590        | 3591       | 0.38219   | CHP    | 5          | 3590.050   | -45.38      | -13         | Pass   |
| 3591        | 3630       | 1         | CHP    | 6          | 3595.900   | -42.92      | -13         | Pass   |
| 3630        | 3720       | 1         | CHP    | 7          | 3712.300   | -43.94      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3728.800   | -43.84      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3624.99MHz\_Edge\_1RB\_Left\_Ant8



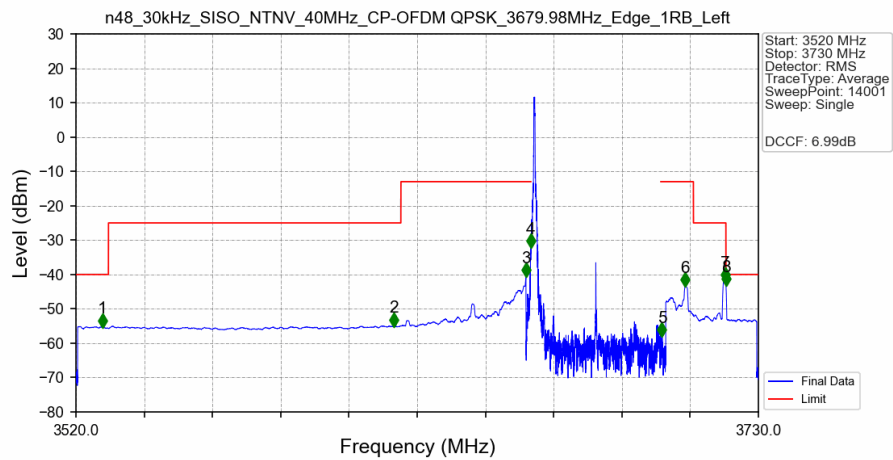
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 912.950    | -58.86      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK 3624.99MHz\_Edge\_1RB\_Left Ant8

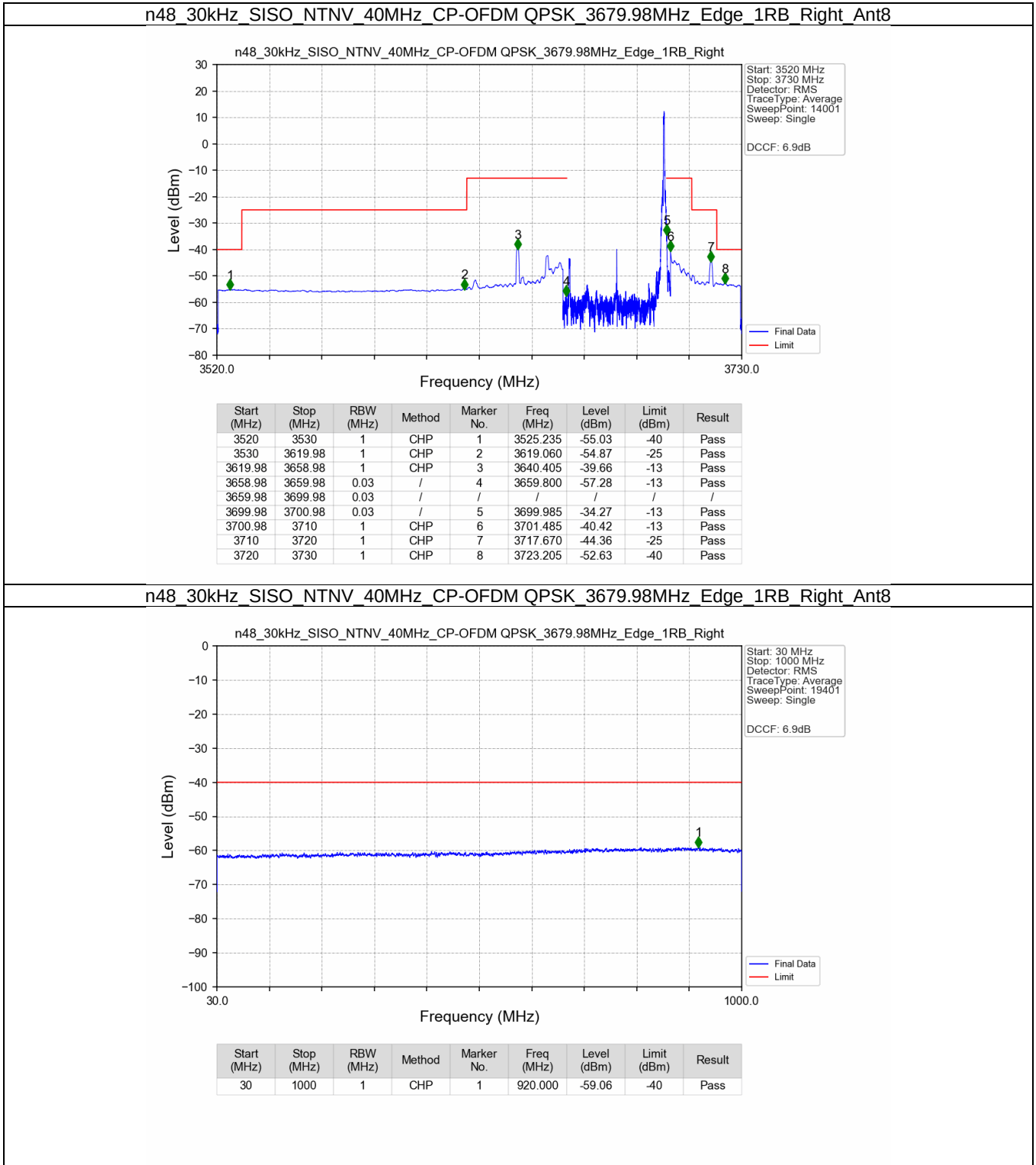


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 3221.500   | -54.26      | -40         | Pass   |
| 3530        | 3564.99    | 1         | /      | 2          | 3552.500   | -55.48      | -25         | Pass   |
| 3564.99     | 3603.99    | 1         | /      | 3          | 3591.500   | -46.19      | -13         | Pass   |
| 3603.99     | 3649.99    | 1         | /      | /          | /          | /           | /           | /      |
| 3649.99     | 3684.99    | 1         | /      | 4          | 3664.000   | -51.79      | -13         | Pass   |
| 3684.99     | 3720       | 1         | /      | 5          | 3715.000   | -51.94      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 36809.500  | -45.39      | -40         | Pass   |

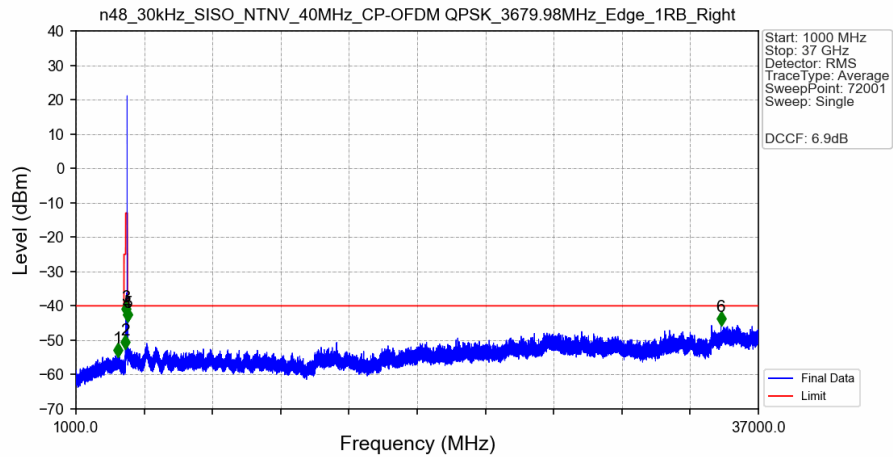
## n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK 3679.98MHz\_Edge\_1RB\_Left Ant8



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3528.100   | -55.07      | -40         | Pass   |
| 3530        | 3619.98    | 1         | CHP    | 2          | 3617.770   | -54.87      | -25         | Pass   |
| 3619.98     | 3658.98    | 1         | CHP    | 3          | 3658.480   | -40.48      | -13         | Pass   |
| 3658.98     | 3659.98    | 0.03      | /      | 4          | 3659.905   | -31.87      | -13         | Pass   |
| 3659.98     | 3699.98    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.03      | /      | 5          | 3700.330   | -57.82      | -13         | Pass   |
| 3700.98     | 3710       | 1         | CHP    | 6          | 3707.470   | -43.20      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3719.710   | -41.90      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.010   | -43.04      | -40         | Pass   |

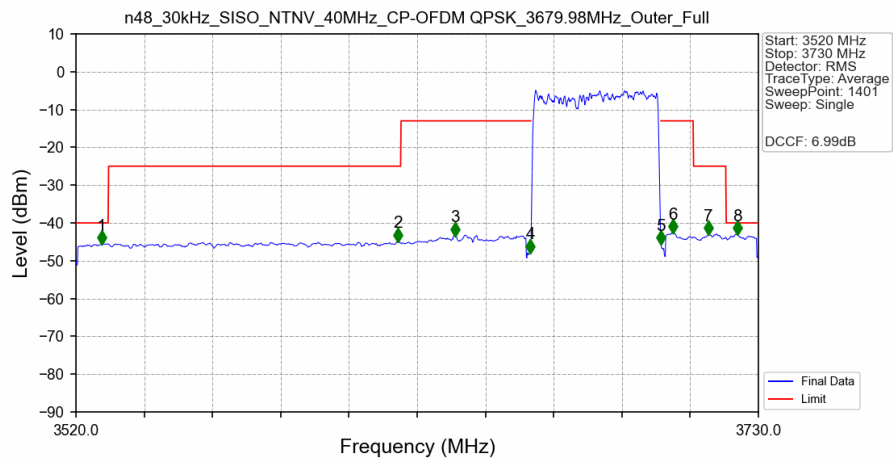


## n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3679.98MHz\_Edge\_1RB\_Right\_Ant8



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3530       | 1         | /      | 1          | 3212.500   | -54.54      | -40         | Pass   |
| 3530        | 3619.98    | 1         | /      | 2          | 3607.500   | -52.29      | -25         | Pass   |
| 3619.98     | 3658.98    | 1         | /      | 3          | 3640.500   | -42.59      | -13         | Pass   |
| 3658.98     | 3704.98    | 1         | /      | /          | /          | /           | /           | /      |
| 3704.98     | 3710       | 1         | /      | 4          | 3705.000   | -44.34      | -13         | Pass   |
| 3710        | 3720       | 1         | /      | 5          | 3718.000   | -44.27      | -25         | Pass   |
| 3720        | 37000      | 1         | /      | 6          | 35023.000  | -45.53      | -40         | Pass   |

## n48\_30kHz\_SISO\_NTNV\_40MHz\_CP-OFDM QPSK\_3679.98MHz\_Outer\_Full\_Ant8



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3527.950   | -45.46      | -40         | Pass   |
| 3530        | 3619.98    | 1         | CHP    | 2          | 3619.000   | -44.69      | -25         | Pass   |
| 3619.98     | 3658.98    | 1         | CHP    | 3          | 3636.550   | -43.24      | -13         | Pass   |
| 3658.98     | 3659.98    | 0.38219   | CHP    | 4          | 3659.800   | -47.70      | -13         | Pass   |
| 3659.98     | 3699.98    | 0.38219   | CHP    | /          | /          | /           | /           | /      |
| 3699.98     | 3700.98    | 0.38219   | CHP    | 5          | 3700.000   | -45.48      | -13         | Pass   |
| 3700.98     | 3710       | 1         | CHP    | 6          | 3703.750   | -42.47      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3714.550   | -42.90      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3723.550   | -42.84      | -40         | Pass   |

## 6. Adjacent Channel Leakage Ratio

### 6.1 Test Result

#### 6.1.1 30\_S\_10M\_NTNV

| 5G NR n48 SCS=30kHz SISO 10MHz NTN |                 |                |                                |       |         |
|------------------------------------|-----------------|----------------|--------------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation  | Adjacent Channel Leakage Ratio |       | Verdict |
|                                    |                 |                | Result                         | Limit |         |
| DFT-s-OFDM PI/2 BPSK               | 3555            | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3694.98         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
| DFT-s-OFDM QPSK                    | 3555            | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3694.98         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
| DFT-s-OFDM 16 QAM                  | 3555            | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3694.98         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
| DFT-s-OFDM 64 QAM                  | 3555            | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3694.98         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
| DFT-s-OFDM 256 QAM                 | 3555            | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3694.98         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
| CP-OFDM QPSK                       | 3555            | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |

|                 |         |                |                     |      |
|-----------------|---------|----------------|---------------------|------|
|                 | 3694.98 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
| CP-OFDM 16 QAM  | 3555    | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3624.99 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3694.98 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
| CP-OFDM 64 QAM  | 3555    | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3624.99 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3694.98 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
| CP-OFDM 256 QAM | 3555    | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3624.99 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3694.98 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |

### 6.1.2 30\_S\_15M\_NTNV

| 5G NR n48 SCS=30kHz SISO 15MHz NTN |                 |                |                                |       |         |
|------------------------------------|-----------------|----------------|--------------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation  | Adjacent Channel Leakage Ratio |       | Verdict |
|                                    |                 |                | Result                         | Limit |         |
| DFT-s-OFDM PI/2 BPSK               | 3557.52         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3692.49         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
| DFT-s-OFDM QPSK                    | 3557.52         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3692.49         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
| DFT-s-OFDM 16 QAM                  | 3557.52         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3692.49         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |

|                    |         |                |                     |      |
|--------------------|---------|----------------|---------------------|------|
| DFT-s-OFDM 64 QAM  | 3557.52 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                    | 3624.99 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                    | 3692.49 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
| DFT-s-OFDM 256 QAM | 3557.52 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                    | 3624.99 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                    | 3692.49 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
| CP-OFDM QPSK       | 3557.52 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                    | 3624.99 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                    | 3692.49 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
| CP-OFDM 16 QAM     | 3557.52 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                    | 3624.99 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                    | 3692.49 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
| CP-OFDM 64 QAM     | 3557.52 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                    | 3624.99 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                    | 3692.49 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
| CP-OFDM 256 QAM    | 3557.52 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                    | 3624.99 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                    | 3692.49 | Outer_Full     | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                    |         | Edge_1RB_Right | Refer To Test Graph | Pass |

### 6.1.3 30\_S\_20M\_NTNV

| 5G NR n48 SCS=30kHz SISO 20MHz NTN |                 |                |                                |       |         |
|------------------------------------|-----------------|----------------|--------------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation  | Adjacent Channel Leakage Ratio |       | Verdict |
|                                    |                 |                | Result                         | Limit |         |
| DFT-s-OFDM PI/2 BPSK               | 3560.01         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |

[illegible]

|                 |         |                |                     |      |
|-----------------|---------|----------------|---------------------|------|
|                 | 3690    | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 |         | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 |         | Outer_Full     | Refer To Test Graph | Pass |
| CP-OFDM 256 QAM | 3560.01 | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 |         | Outer_Full     | Refer To Test Graph | Pass |
|                 | 3624.99 | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 |         | Outer_Full     | Refer To Test Graph | Pass |
|                 | 3690    | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 |         | Outer_Full     | Refer To Test Graph | Pass |

#### 6.1.4 30\_S\_40M\_NTNV

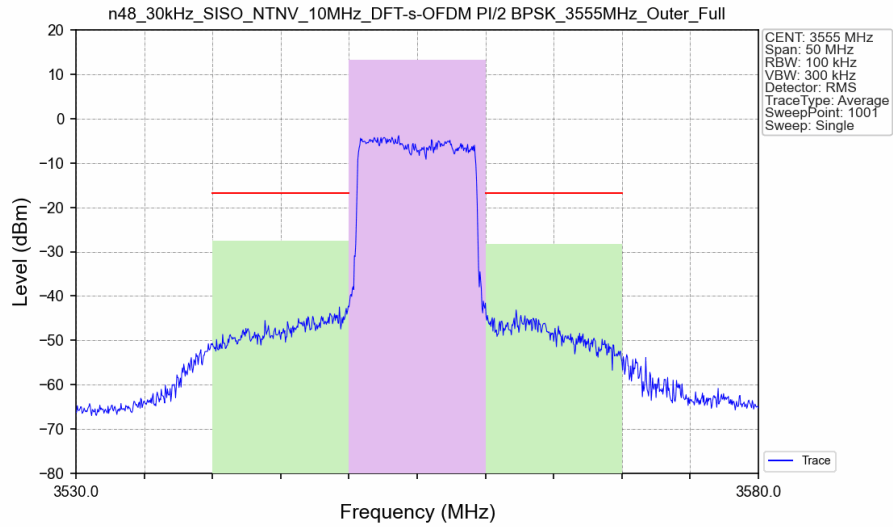
| 5G NR n48 SCS=30kHz SISO 40MHz NTN |                 |                |                                |       |         |
|------------------------------------|-----------------|----------------|--------------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation  | Adjacent Channel Leakage Ratio |       | Verdict |
|                                    |                 |                | Result                         | Limit |         |
| DFT-s-OFDM PI/2 BPSK               | 3570            | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3679.98         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
| DFT-s-OFDM QPSK                    | 3570            | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3679.98         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
| DFT-s-OFDM 16 QAM                  | 3570            | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3679.98         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
| DFT-s-OFDM 64 QAM                  | 3570            | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3679.98         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
| DFT-s-OFDM 256 QAM                 | 3570            | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3624.99         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |
|                                    | 3679.98         | Outer_Full     | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Left  | Refer To Test Graph            |       | Pass    |
|                                    |                 | Edge_1RB_Right | Refer To Test Graph            |       | Pass    |

|                 |         |                |                     |      |
|-----------------|---------|----------------|---------------------|------|
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
| CP-OFDM QPSK    | 3570    | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3624.99 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3679.98 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
| CP-OFDM 16 QAM  | 3570    | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3624.99 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3679.98 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
| CP-OFDM 64 QAM  | 3570    | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3624.99 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3679.98 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
| CP-OFDM 256 QAM | 3570    | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3624.99 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |
|                 | 3679.98 | Outer_Full     | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Left  | Refer To Test Graph | Pass |
|                 |         | Edge_1RB_Right | Refer To Test Graph | Pass |

## 6.2 Test Graph

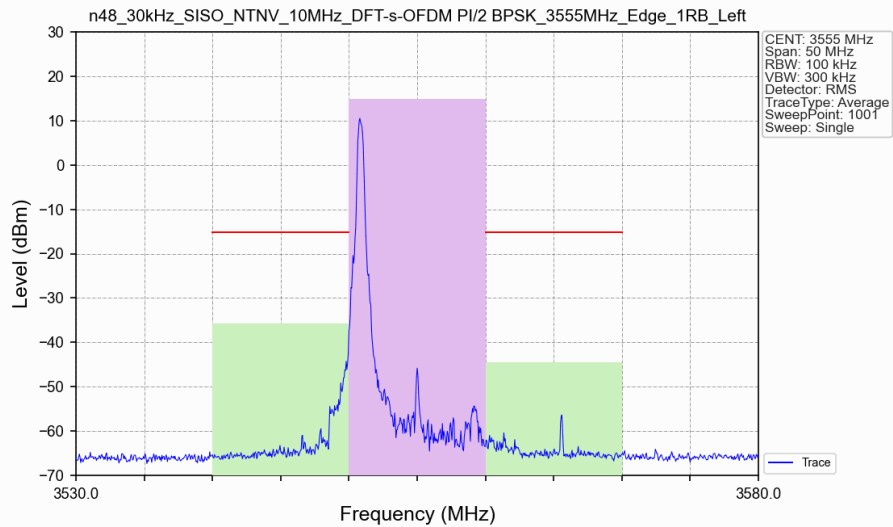
### 6.2.1 30\_S\_10M\_NTNV

n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Outer\_Full\_Ant8



| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 10.00          | 13.17       | /      | /           | /           | /      |
| Adjacent | -10          | 10.00          | -27.52      | -40.69 | -30         | 10.69       | Pass   |
| Adjacent | 10           | 10.00          | -28.31      | -41.48 | -30         | 11.48       | Pass   |

n48\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM PI/2 BPSK\_3555MHz\_Edge\_1RB\_Left\_Ant8



| Channel  | OffSet (MHz) | Integ BW (MHz) | Power (dBm) | dBc    | Limit (dBc) | Margin (dB) | Status |
|----------|--------------|----------------|-------------|--------|-------------|-------------|--------|
| Carrier  | /            | 10.00          | 14.80       | /      | /           | /           | /      |
| Adjacent | -10          | 10.00          | -35.78      | -50.58 | -30         | 20.58       | Pass   |
| Adjacent | 10           | 10.00          | -44.57      | -59.37 | -30         | 29.37       | Pass   |