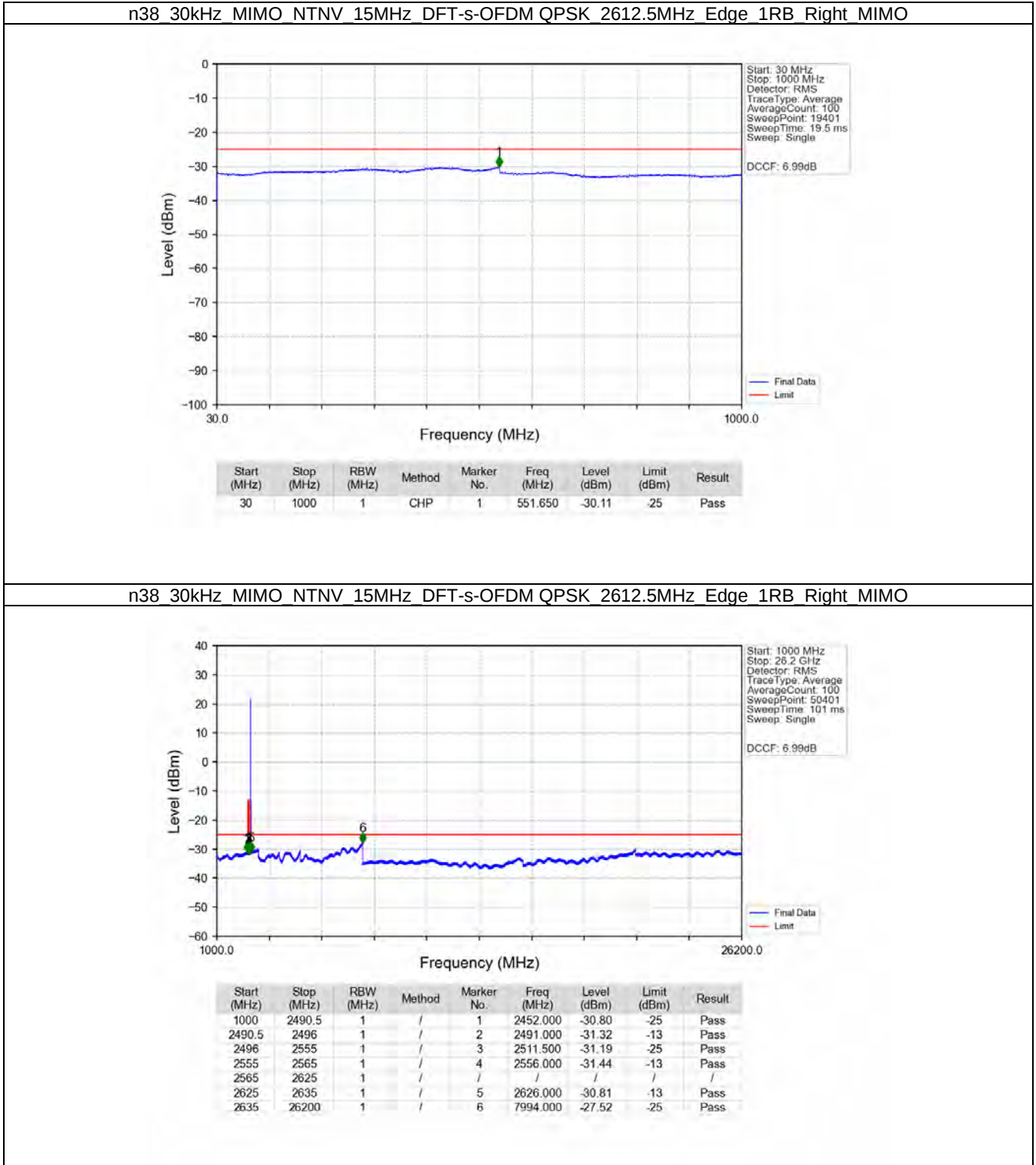
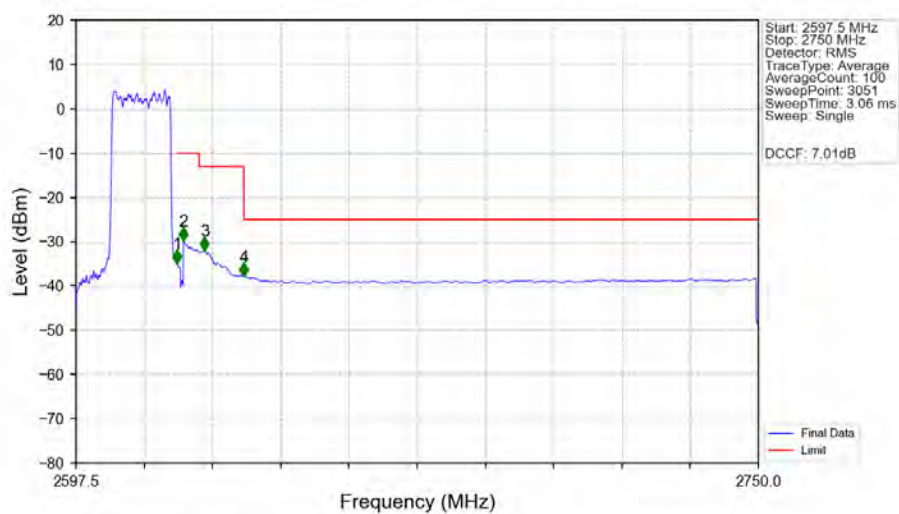


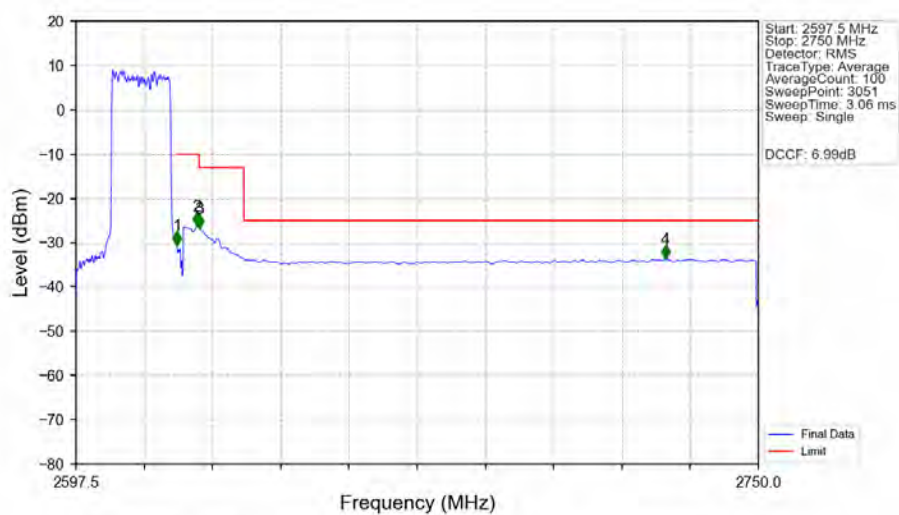


## n38\_30kHz\_MIMO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_2612.5MHz\_Outer\_Full\_Ant1



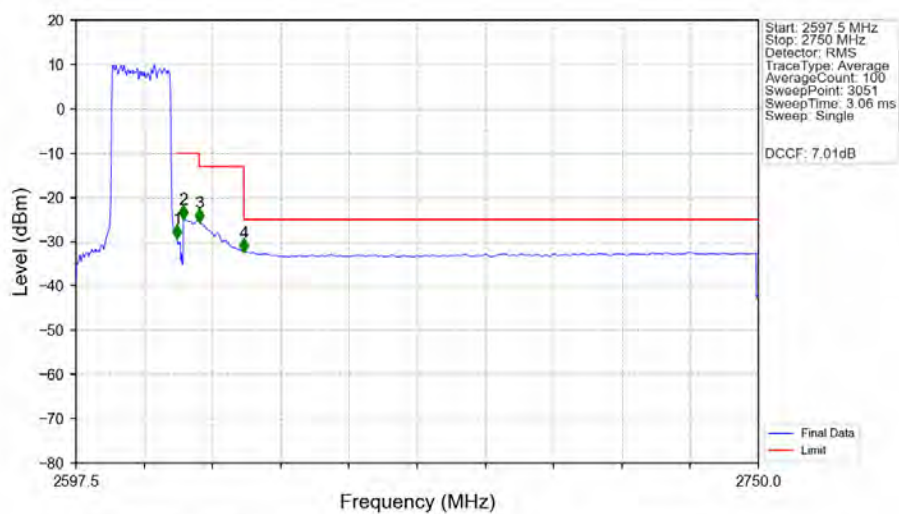
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2597.5      | 2620       | 0.277     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.277     | CHP    | 1          | 2620.100   | -34.88      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.550   | -29.91      | -10         | Pass   |
| 2625        | 2635       | 1         | CHP    | 3          | 2626.250   | -32.07      | -13         | Pass   |
| 2635        | 2750       | 1         | CHP    | 4          | 2635.050   | -37.93      | -25         | Pass   |

## n38\_30kHz\_MIMO\_NTNV\_15MHz\_DFT-s-OFDM\_QPSK\_2612.5MHz\_Outer\_Full\_Ant2



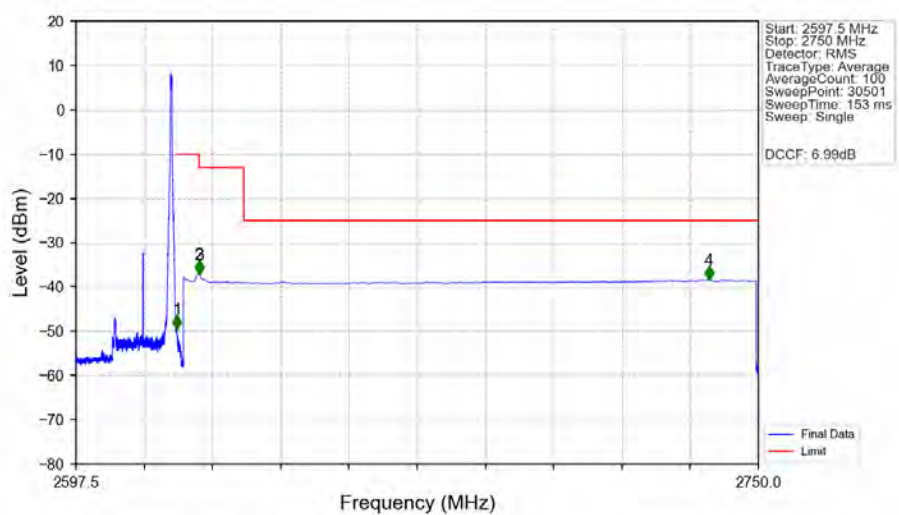
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2597.5      | 2620       | 0.277     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.277     | CHP    | 1          | 2620.050   | -30.63      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2624.600   | -26.17      | -10         | Pass   |
| 2625        | 2635       | 1         | CHP    | 3          | 2625.050   | -26.73      | -13         | Pass   |
| 2635        | 2750       | 1         | CHP    | 4          | 2729.200   | -33.71      | -25         | Pass   |

## n38 30kHz MIMO NTNv 15MHz DFT-s-OFDM QPSK 2612.5MHz Outer Full MIMO



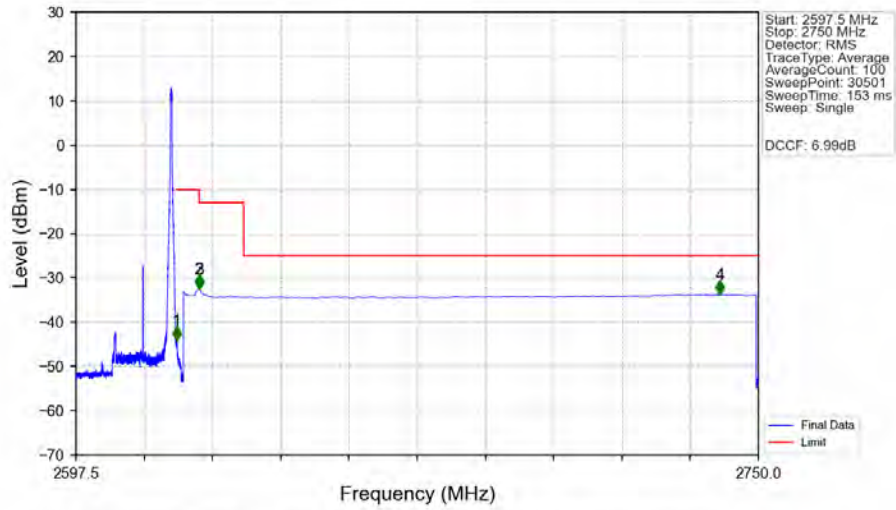
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2597.5      | 2620       | 0.277     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.277     | CHP    | 1          | 2620.050   | -29.24      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -24.87      | -10         | Pass   |
| 2625        | 2635       | 1         | CHP    | 3          | 2625.050   | -25.66      | -13         | Pass   |
| 2635        | 2750       | 1         | CHP    | 4          | 2635.050   | -32.36      | -25         | Pass   |

## n38 30kHz MIMO NTNv 15MHz DFT-s-OFDM QPSK 2612.5MHz Inner 1RB Right Ant1



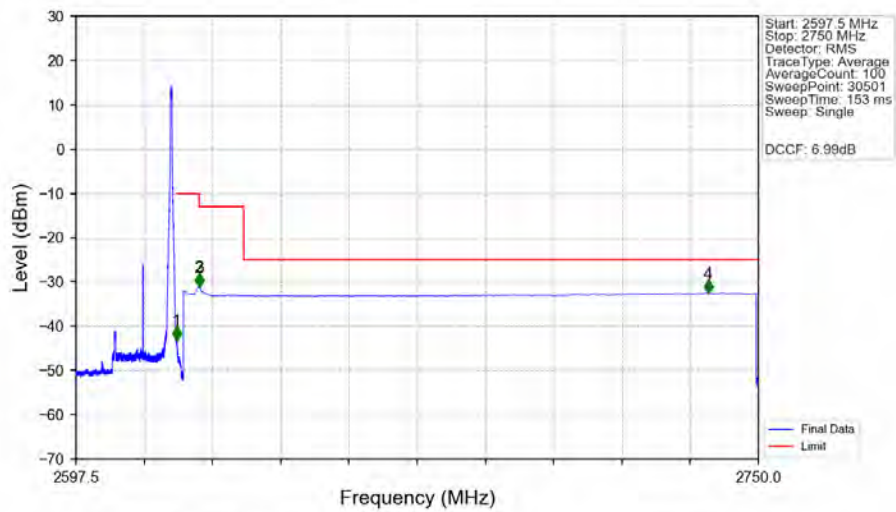
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2597.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.105   | -49.46      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2624.995   | -37.16      | -10         | Pass   |
| 2625        | 2635       | 1         | CHP    | 3          | 2625.010   | -37.14      | -13         | Pass   |
| 2635        | 2750       | 1         | CHP    | 4          | 2738.950   | -38.46      | -25         | Pass   |

n38 30kHz MIMO NTN 15MHz DFT-s-OFDM QPSK 2612.5MHz Inner 1RB Right Ant2



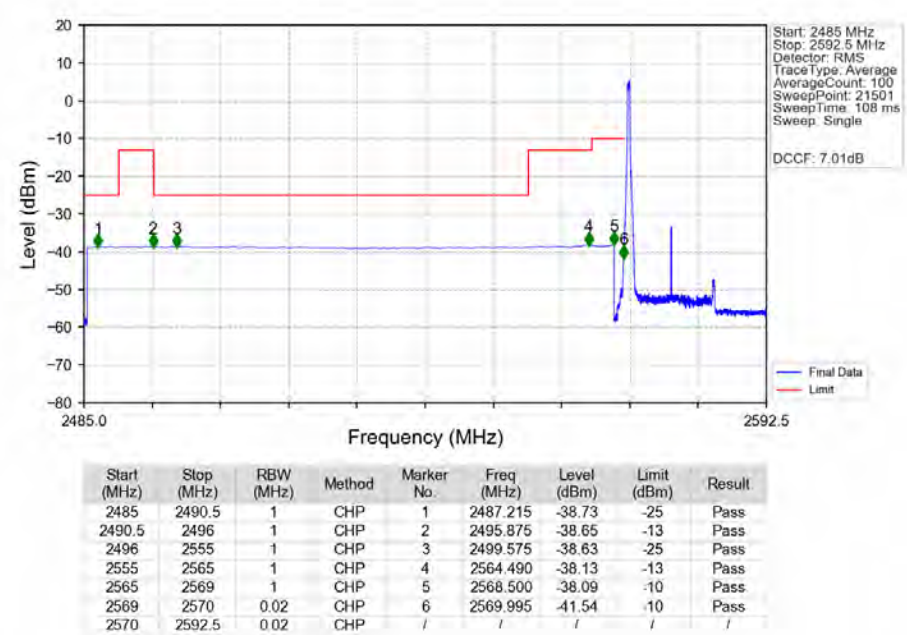
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2597.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.010   | -44.01      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2625.000   | -32.45      | -10         | Pass   |
| 2625        | 2635       | 1         | CHP    | 3          | 2625.020   | -32.42      | -13         | Pass   |
| 2635        | 2750       | 1         | CHP    | 4          | 2741.430   | -33.78      | -25         | Pass   |

n38 30kHz MIMO NTN 15MHz DFT-s-OFDM QPSK 2612.5MHz Inner 1RB Right MIMO

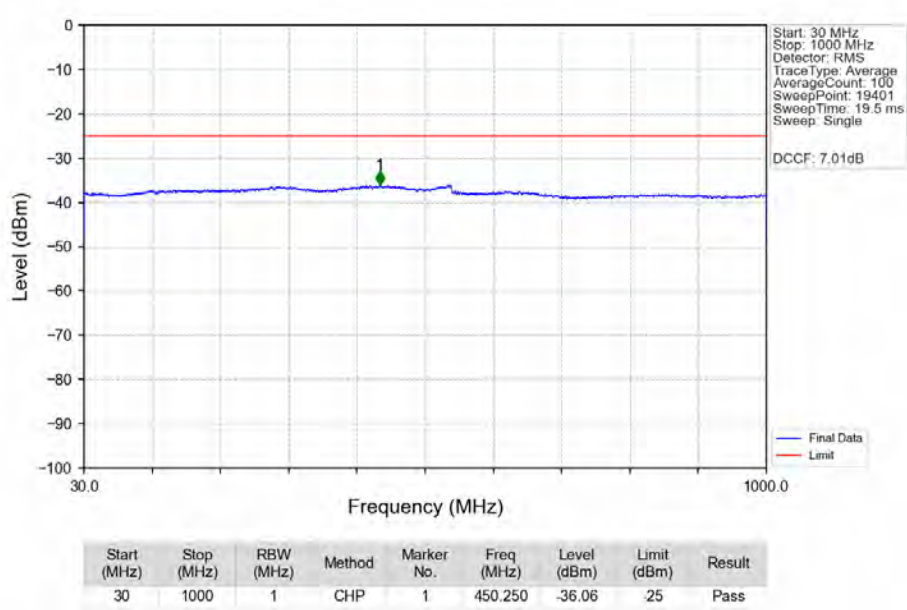


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2597.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.005   | -43.14      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2624.995   | -31.19      | -10         | Pass   |
| 2625        | 2635       | 1         | CHP    | 3          | 2625.020   | -31.16      | -13         | Pass   |
| 2635        | 2750       | 1         | CHP    | 4          | 2738.760   | -32.53      | -25         | Pass   |

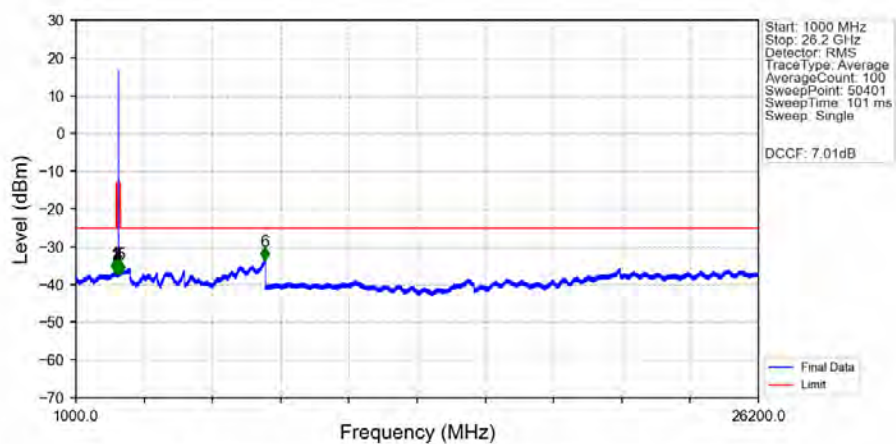
n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2577.5MHz Edge 1RB Left Ant1



n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2577.5MHz Edge 1RB Left Ant1

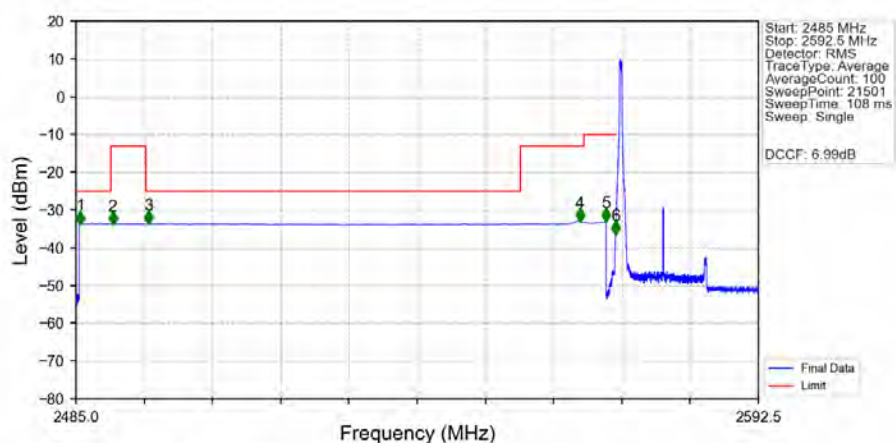


## n38 30kHz MIMO NTNv 15MHz CP-OFDM QPSK 2577.5MHz Edge 1RB Left Ant1



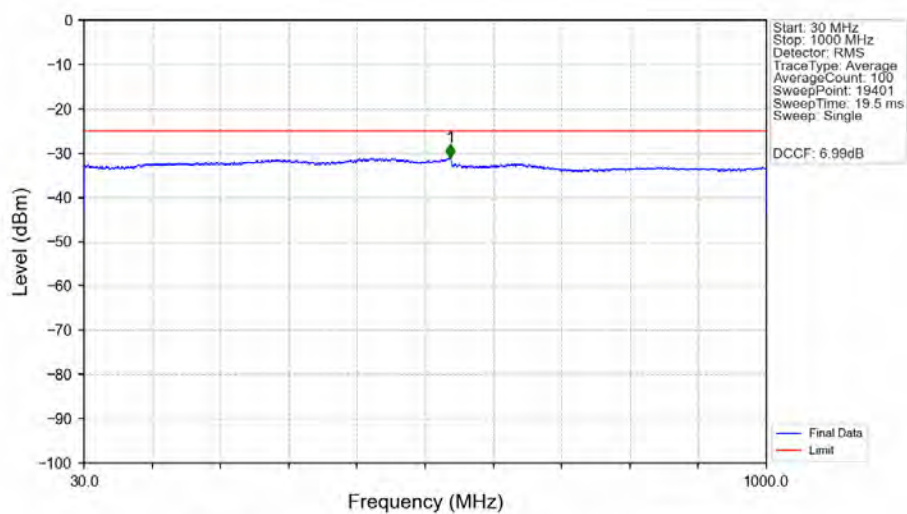
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2450.500   | -36.59      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2493.500   | -36.93      | -13         | Pass   |
| 2496        | 2555       | 1         | /      | 3          | 2503.500   | -36.83      | -25         | Pass   |
| 2555        | 2565       | 1         | /      | 4          | 2563.500   | -36.79      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2635       | 1         | /      | 5          | 2632.500   | -36.89      | -13         | Pass   |
| 2635        | 26200      | 1         | /      | 6          | 2632.500   | -33.40      | -25         | Pass   |

## n38 30kHz MIMO NTNv 15MHz CP-OFDM QPSK 2577.5MHz Edge 1RB Left Ant2



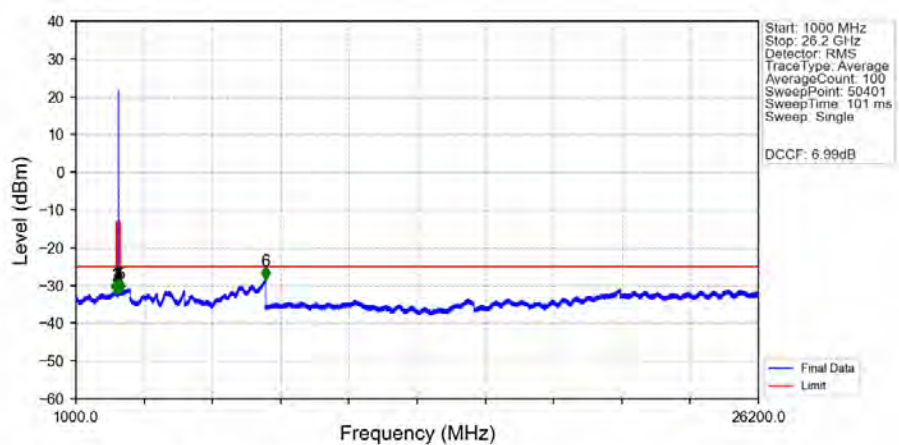
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2485.655   | -33.63      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2490.790   | -33.68      | -13         | Pass   |
| 2496        | 2555       | 1         | CHP    | 3          | 2496.455   | -33.56      | -25         | Pass   |
| 2555        | 2565       | 1         | CHP    | 4          | 2564.385   | -32.92      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.500   | -32.85      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.995   | -36.27      | -10         | Pass   |
| 2570        | 2592.5     | 0.02      | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2577.5MHz Edge 1RB Left Ant2



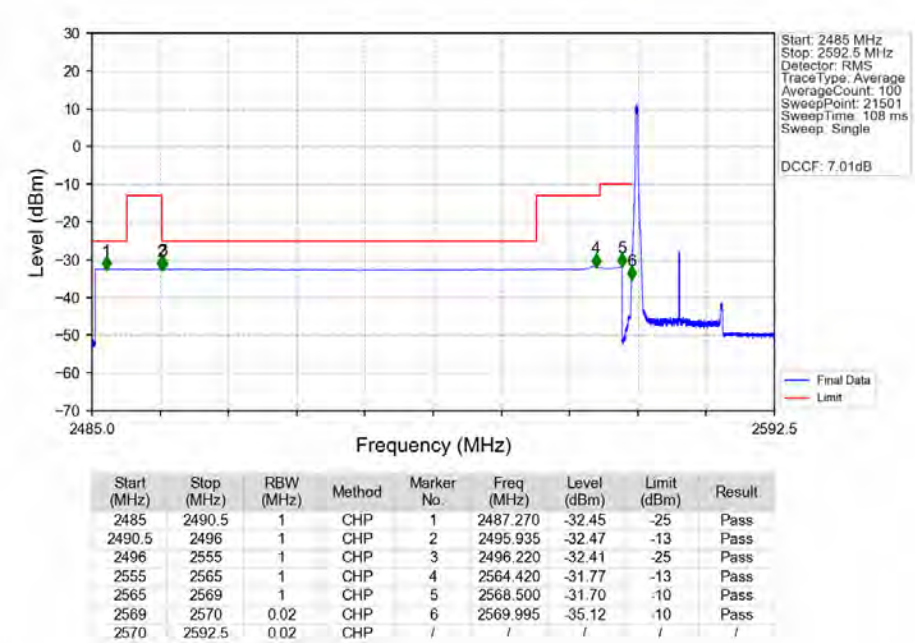
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 550.900    | -31.00      | -25         | Pass   |

n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2577.5MHz Edge 1RB Left Ant2

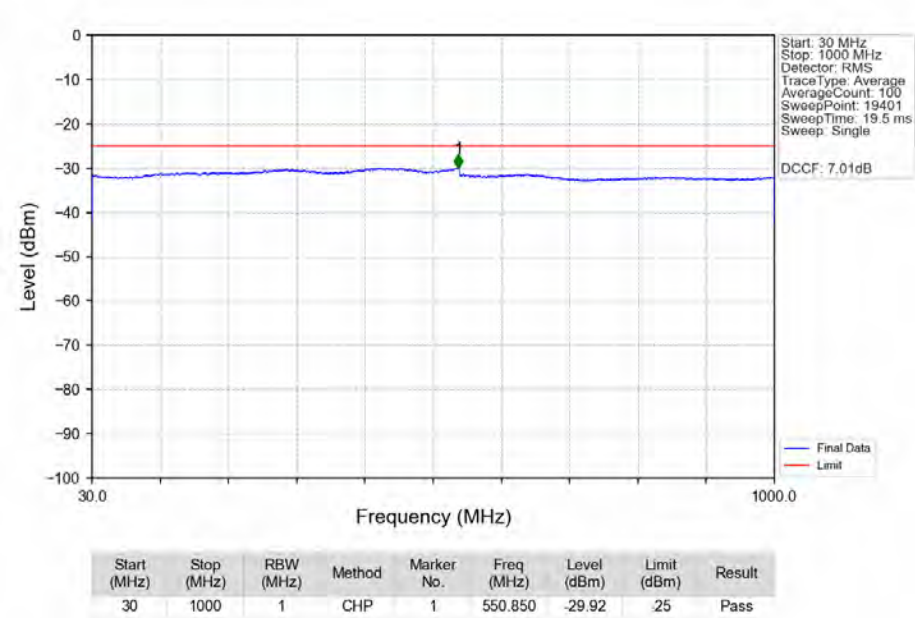


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2461.500   | -31.62      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2491.500   | -31.95      | -13         | Pass   |
| 2496        | 2555       | 1         | /      | 3          | 2541.500   | -31.72      | -25         | Pass   |
| 2555        | 2565       | 1         | /      | 4          | 2564.500   | -31.60      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2635       | 1         | /      | 5          | 2634.000   | -31.67      | -13         | Pass   |
| 2635        | 26200      | 1         | /      | 6          | 7997.000   | -28.26      | -25         | Pass   |

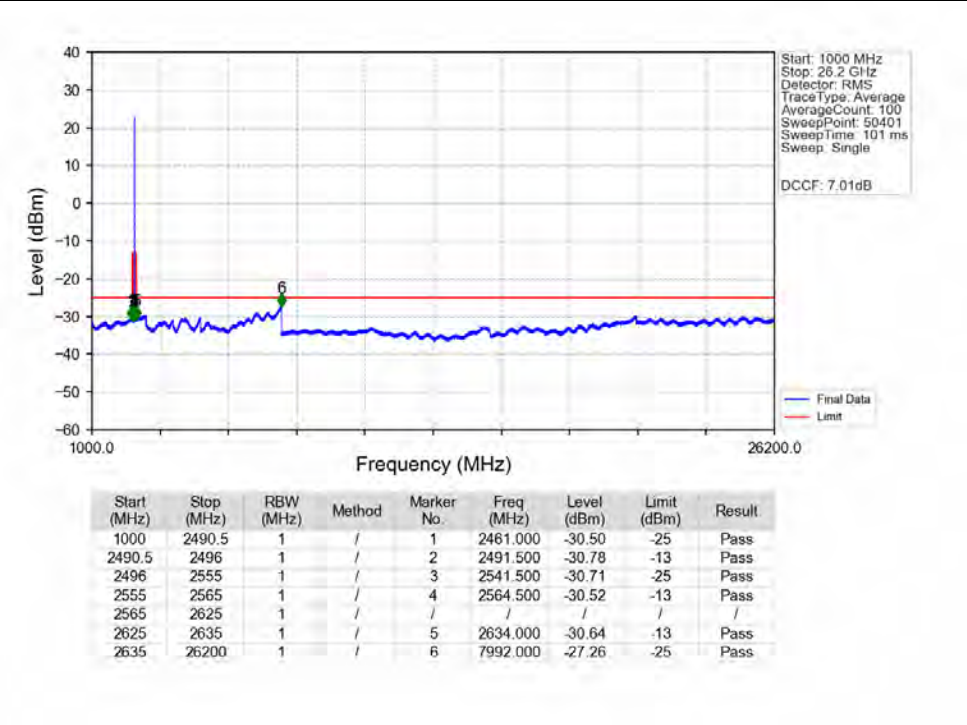
n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2577.5MHz Edge 1RB Left MIMO



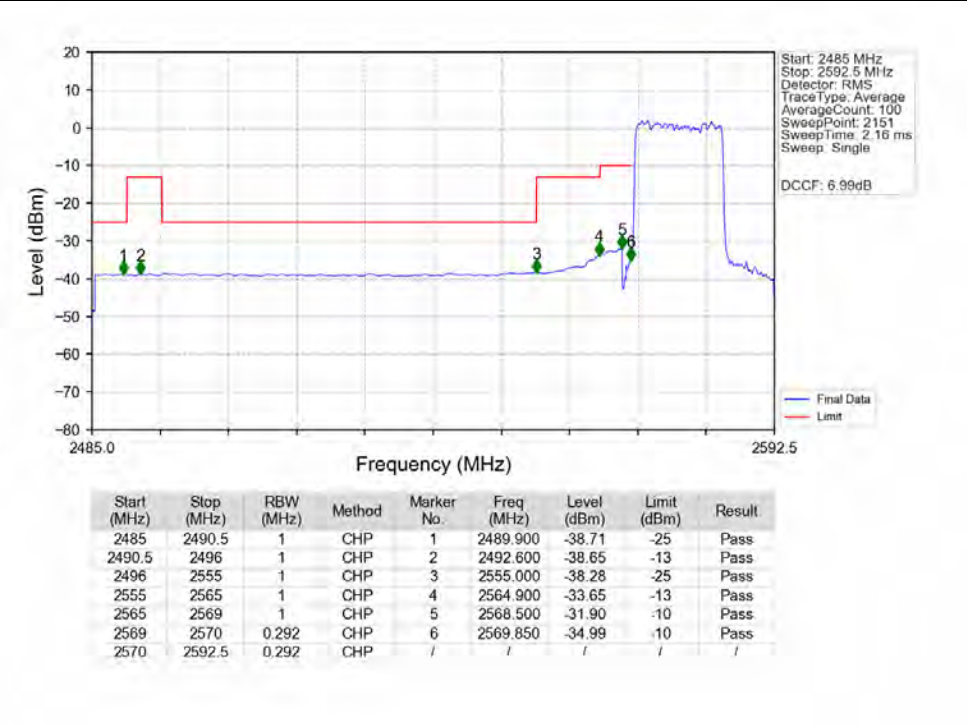
n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2577.5MHz Edge 1RB Left MIMO



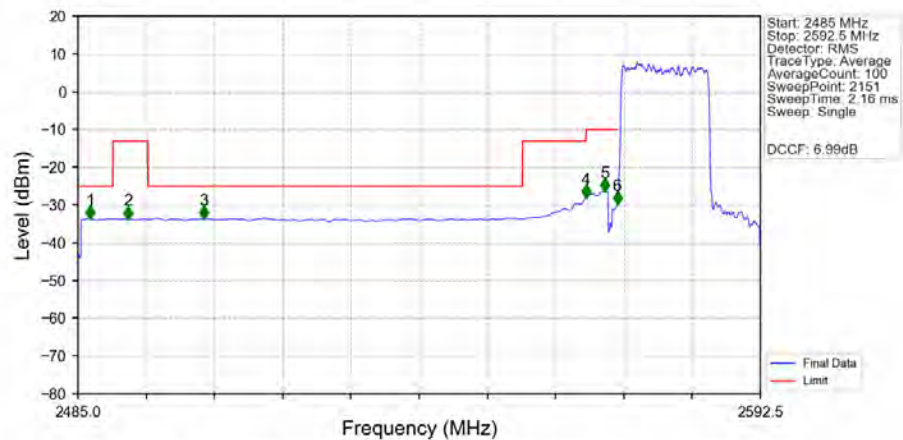
n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2577.5MHz Edge 1RB Left MIMO



n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2577.5MHz Outer Full Ant1

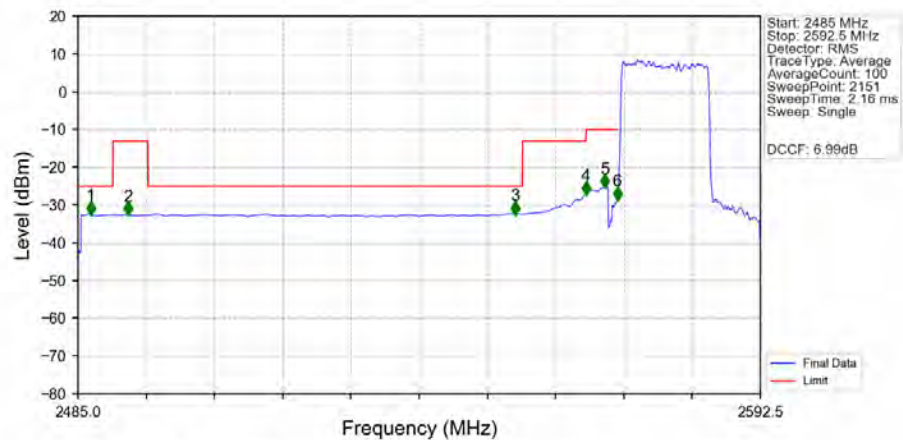


n38 30kHz MIMO NTNV 15MHz CP-OFDM QPSK 2577.5MHz Outer Full Ant2



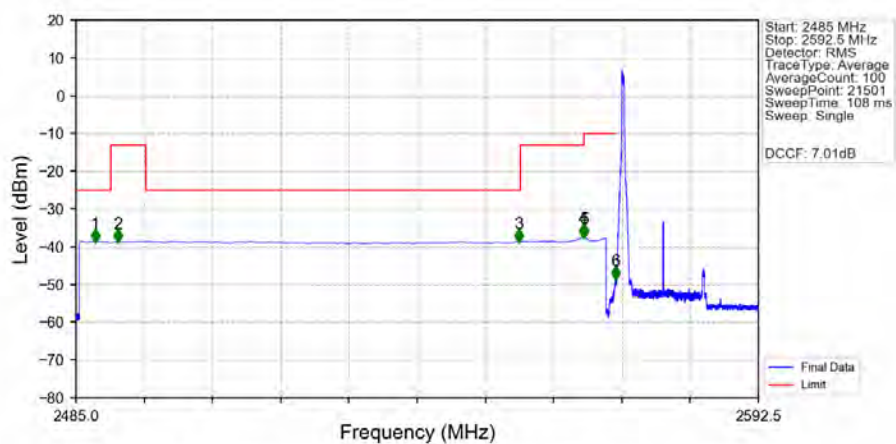
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2486.950   | -33.49      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.850   | -33.62      | -13         | Pass   |
| 2496        | 2555       | 1         | CHP    | 3          | 2504.850   | -33.55      | -25         | Pass   |
| 2555        | 2565       | 1         | CHP    | 4          | 2565.000   | -28.05      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.000   | -26.20      | -10         | Pass   |
| 2569        | 2570       | 0.292     | CHP    | 6          | 2569.950   | -29.62      | -10         | Pass   |
| 2570        | 2592.5     | 0.292     | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNV 15MHz CP-OFDM QPSK 2577.5MHz Outer Full MIMO



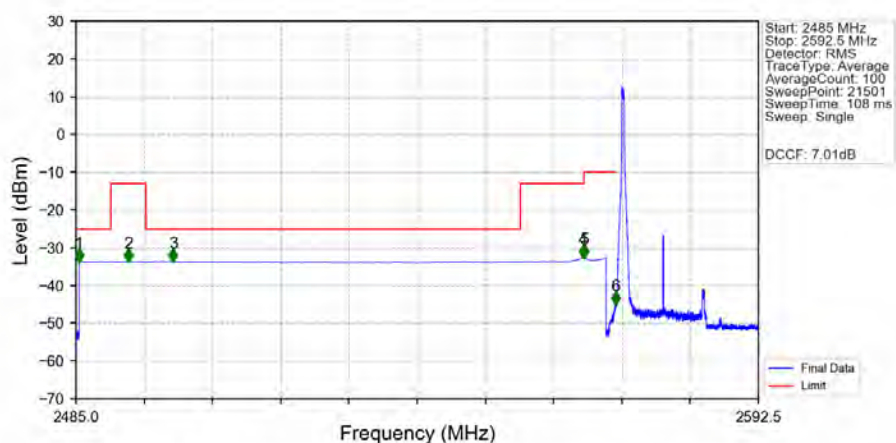
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2487.000   | -32.38      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.850   | -32.46      | -13         | Pass   |
| 2496        | 2555       | 1         | CHP    | 3          | 2553.850   | -32.37      | -25         | Pass   |
| 2555        | 2565       | 1         | CHP    | 4          | 2565.000   | -27.00      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.000   | -25.23      | -10         | Pass   |
| 2569        | 2570       | 0.292     | CHP    | 6          | 2569.950   | -28.53      | -10         | Pass   |
| 2570        | 2592.5     | 0.292     | CHP    | /          | /          | /           | /           | /      |

## n38 30kHz MIMO NTNV 15MHz CP-OFDM QPSK 2577.5MHz Inner 1RB Left Ant1



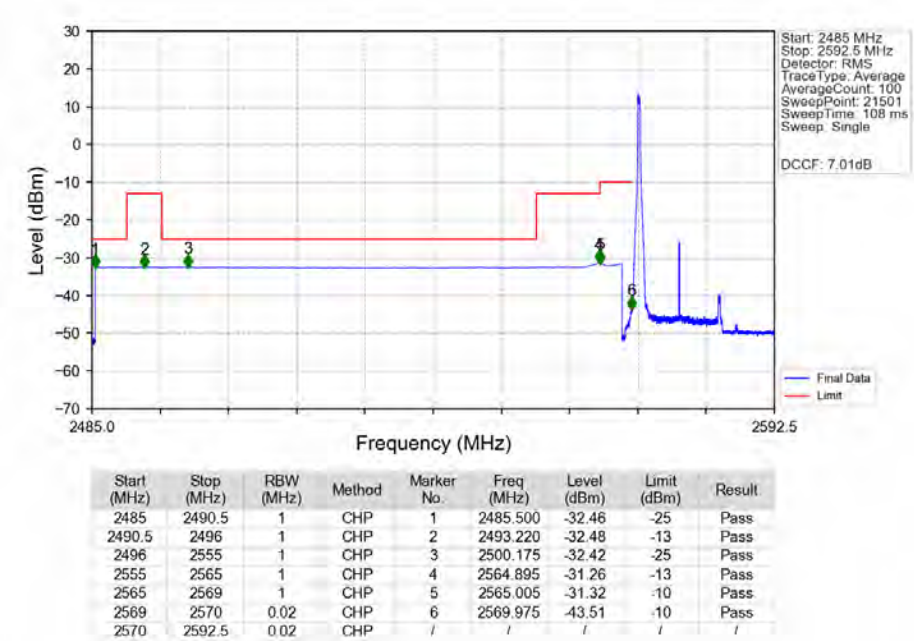
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2488.050   | -38.65      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2491.615   | -38.70      | -13         | Pass   |
| 2496        | 2555       | 1         | CHP    | 3          | 2554.790   | -38.66      | -25         | Pass   |
| 2555        | 2565       | 1         | CHP    | 4          | 2564.895   | -37.29      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2565.005   | -37.36      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.995   | -48.45      | -10         | Pass   |
| 2570        | 2592.5     | 0.02      | CHP    | /          | /          | /           | /           | /      |

## n38 30kHz MIMO NTNV 15MHz CP-OFDM QPSK 2577.5MHz Inner 1RB Left Ant2

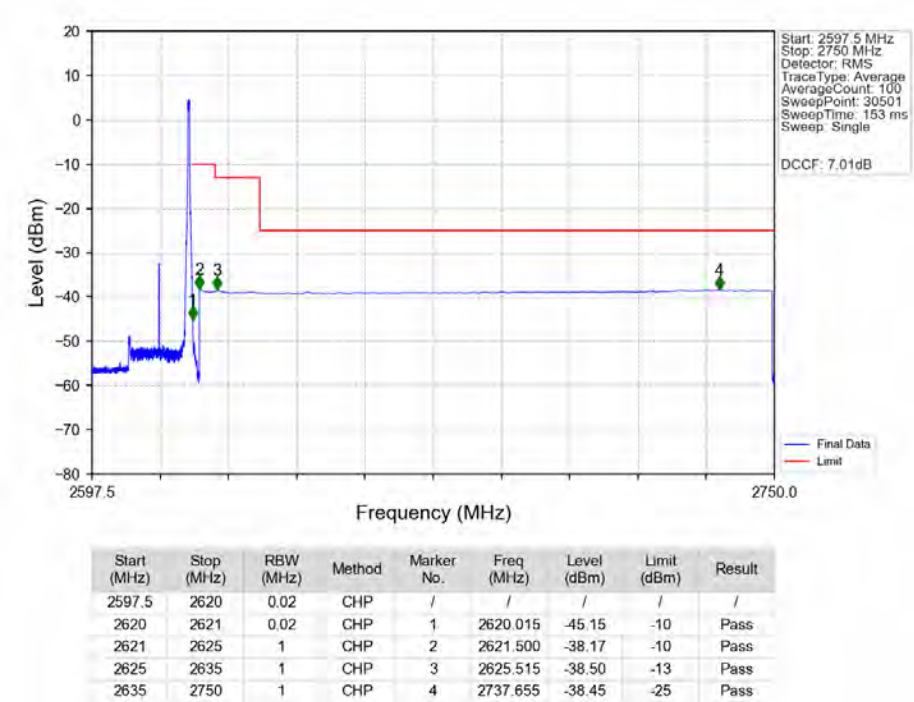


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2485.500   | -33.63      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2493.230   | -33.63      | -13         | Pass   |
| 2496        | 2555       | 1         | CHP    | 3          | 2500.310   | -33.58      | -25         | Pass   |
| 2555        | 2565       | 1         | CHP    | 4          | 2564.890   | -32.51      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2565.005   | -32.56      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.975   | -44.84      | -10         | Pass   |
| 2570        | 2592.5     | 0.02      | CHP    | /          | /          | /           | /           | /      |

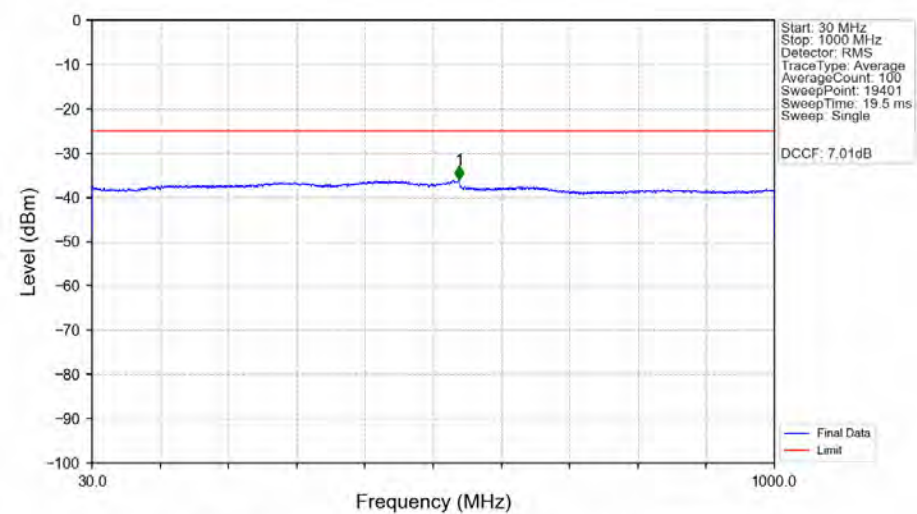
n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2577.5MHz Inner 1RB Left MIMO



n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2612.5MHz Edge 1RB Right Ant1

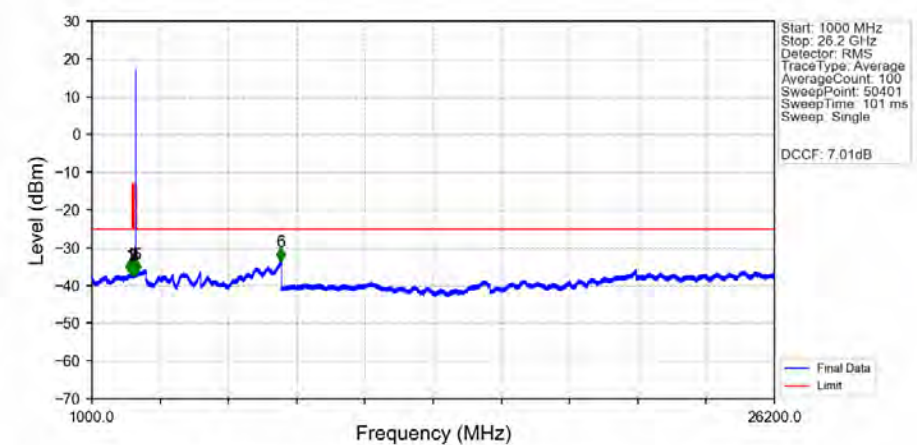


n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2612.5MHz Edge 1RB Right Ant1



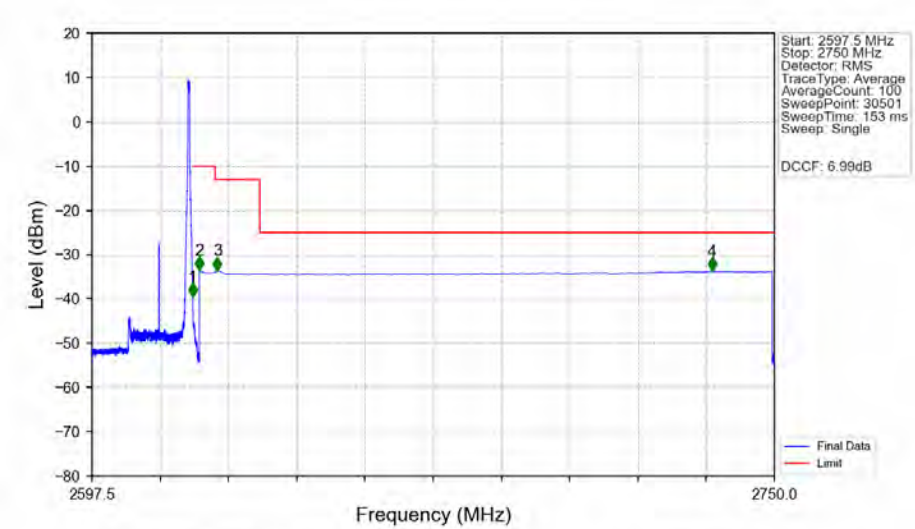
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 551.850    | -36.09      | -25         | Pass   |

n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2612.5MHz Edge 1RB Right Ant1



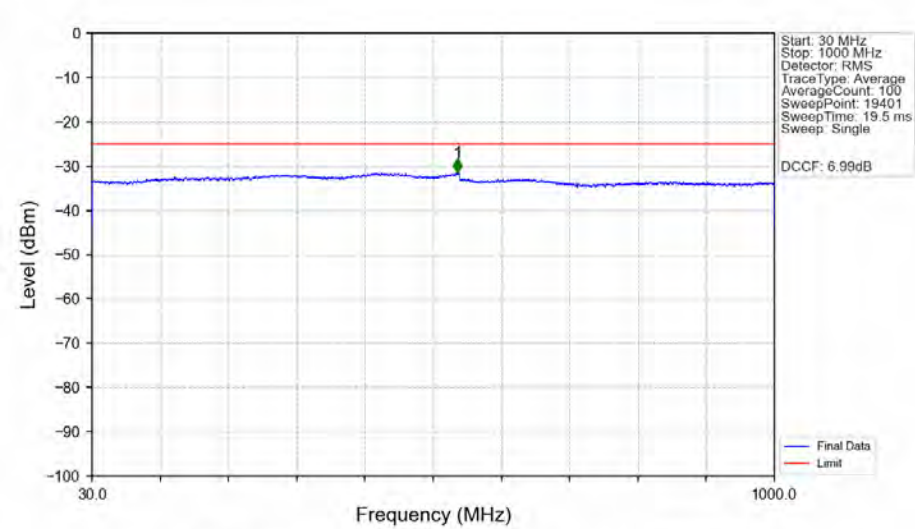
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2407.000   | -36.59      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2495.000   | -37.05      | -13         | Pass   |
| 2496        | 2555       | 1         | /      | 3          | 2553.000   | -36.85      | -25         | Pass   |
| 2555        | 2565       | 1         | /      | 4          | 2556.000   | -37.24      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2635       | 1         | /      | 5          | 2626.500   | -36.53      | -13         | Pass   |
| 2635        | 26200      | 1         | /      | 6          | 7977.000   | -33.28      | -25         | Pass   |

n38 30kHz MIMO NTNV 15MHz CP-OFDM QPSK 2612.5MHz Edge 1RB Right Ant2

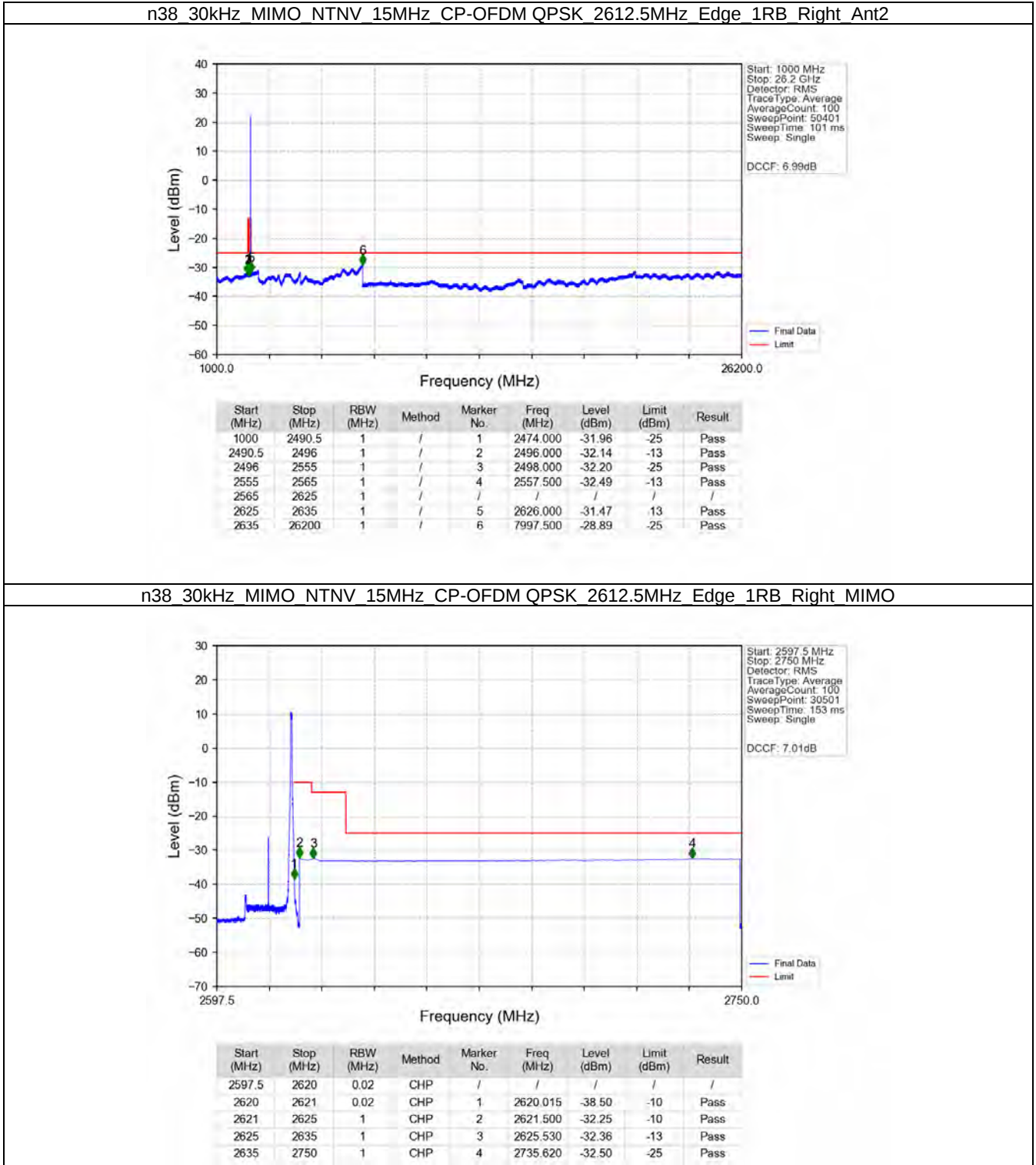


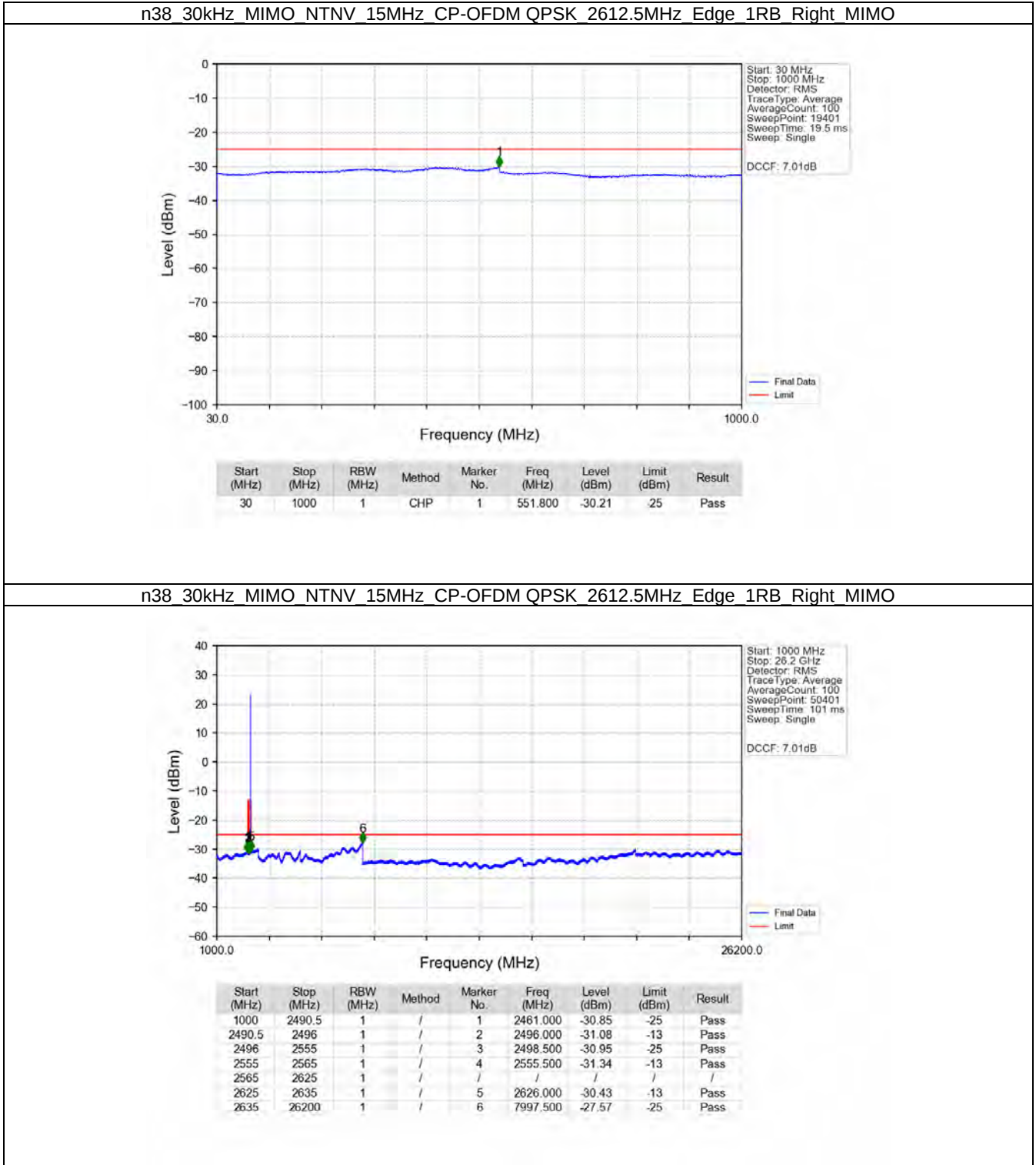
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2597.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.015   | -39.58      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -33.55      | -10         | Pass   |
| 2625        | 2635       | 1         | CHP    | 3          | 2625.530   | -33.59      | -13         | Pass   |
| 2635        | 2750       | 1         | CHP    | 4          | 2736.035   | -33.75      | -25         | Pass   |

n38 30kHz MIMO NTNV 15MHz CP-OFDM QPSK 2612.5MHz Edge 1RB Right Ant2

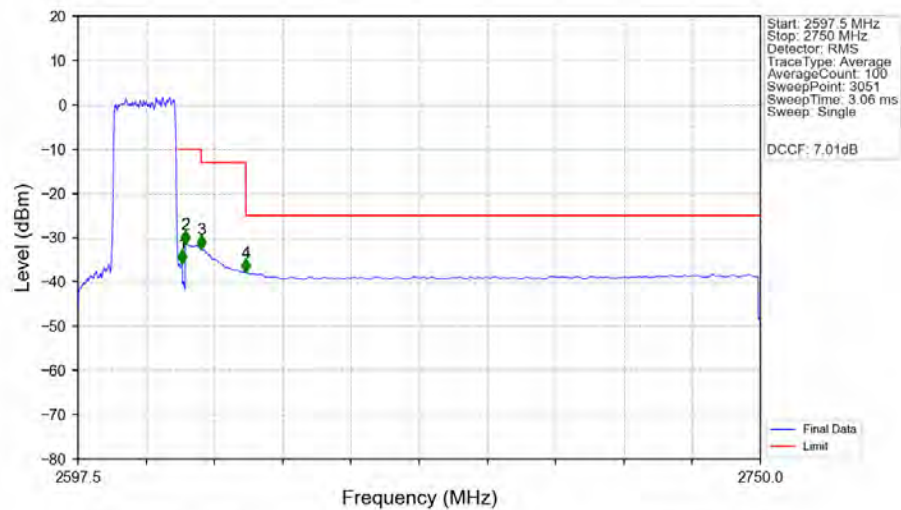


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 549.800    | -31.46      | 25          | Pass   |



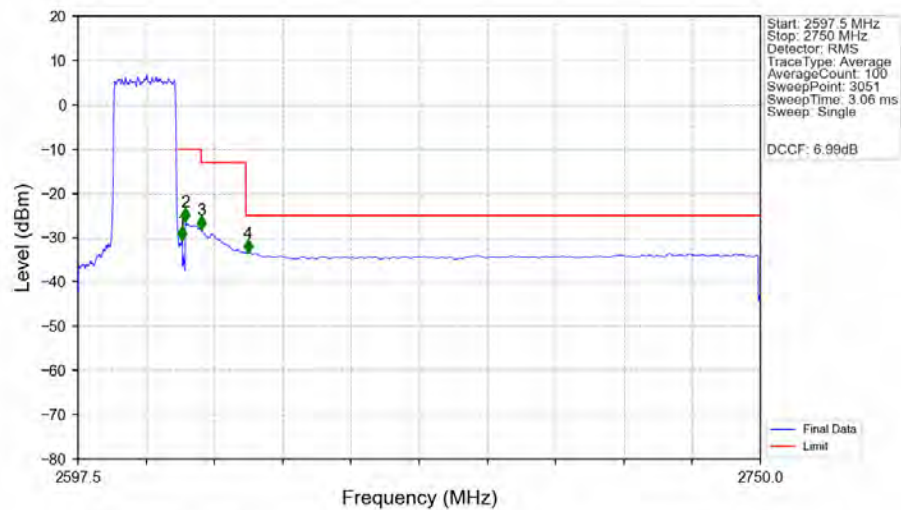


n38\_30kHz\_MIMO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_2612.5MHz\_Outer\_Full\_Ant1



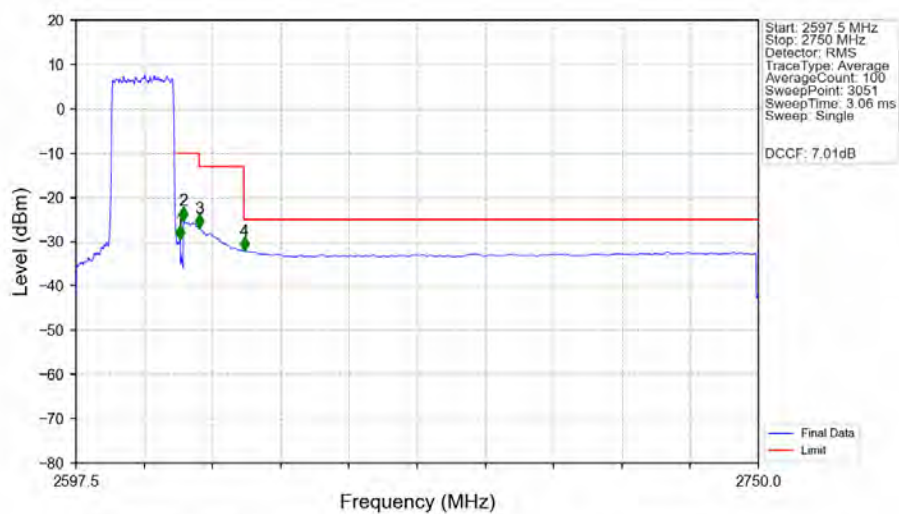
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2597.5      | 2620       | 0.292     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.292     | CHP    | 1          | 2620.800   | -35.91      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -31.41      | -10         | Pass   |
| 2625        | 2635       | 1         | CHP    | 3          | 2625.050   | -32.66      | -13         | Pass   |
| 2635        | 2750       | 1         | CHP    | 4          | 2635.050   | -37.87      | -25         | Pass   |

n38\_30kHz\_MIMO\_NTNV\_15MHz\_CP-OFDM\_QPSK\_2612.5MHz\_Outer\_Full\_Ant2

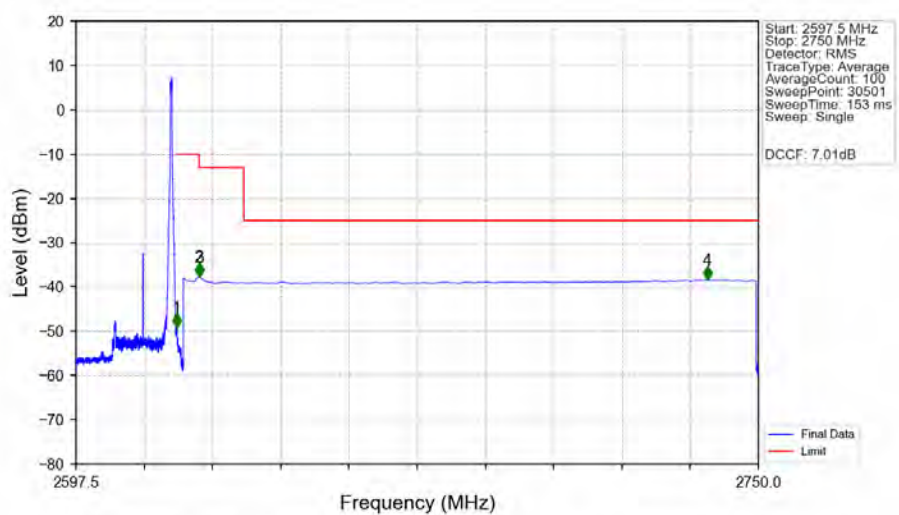


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2597.5      | 2620       | 0.292     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.292     | CHP    | 1          | 2620.750   | -30.66      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -26.41      | -10         | Pass   |
| 2625        | 2635       | 1         | CHP    | 3          | 2625.050   | -28.29      | -13         | Pass   |
| 2635        | 2750       | 1         | CHP    | 4          | 2635.450   | -33.42      | -25         | Pass   |

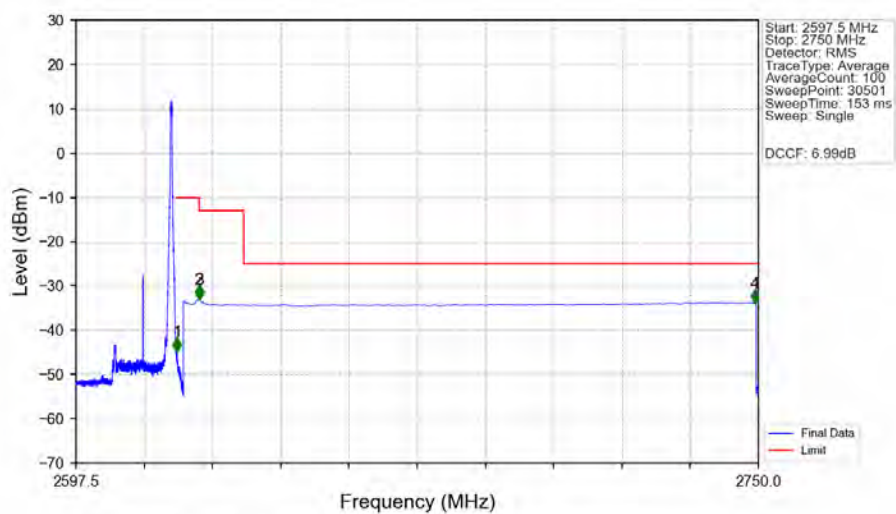
## n38 30kHz MIMO NTV 15MHz CP-OFDM QPSK 2612.5MHz Outer Full MIMO



## n38 30kHz MIMO NTV 15MHz CP-OFDM QPSK 2612.5MHz Inner 1RB Right Ant1

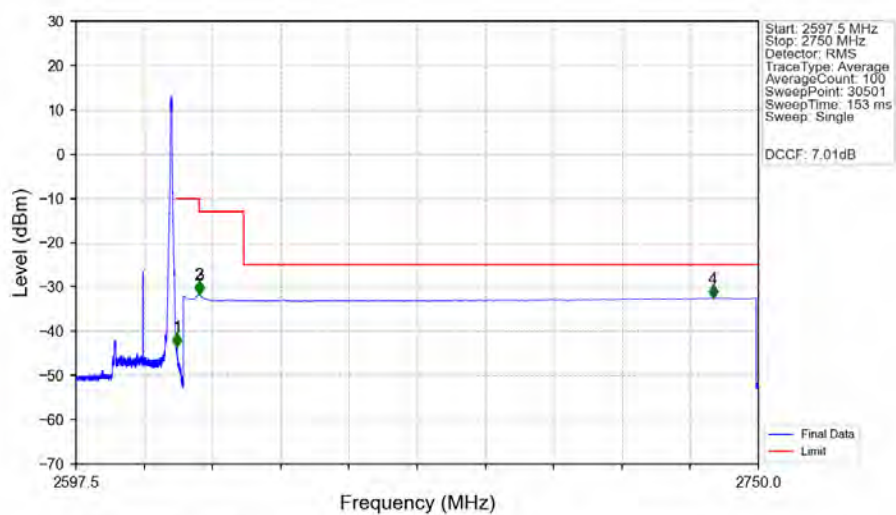


n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2612.5MHz Inner 1RB Right Ant2



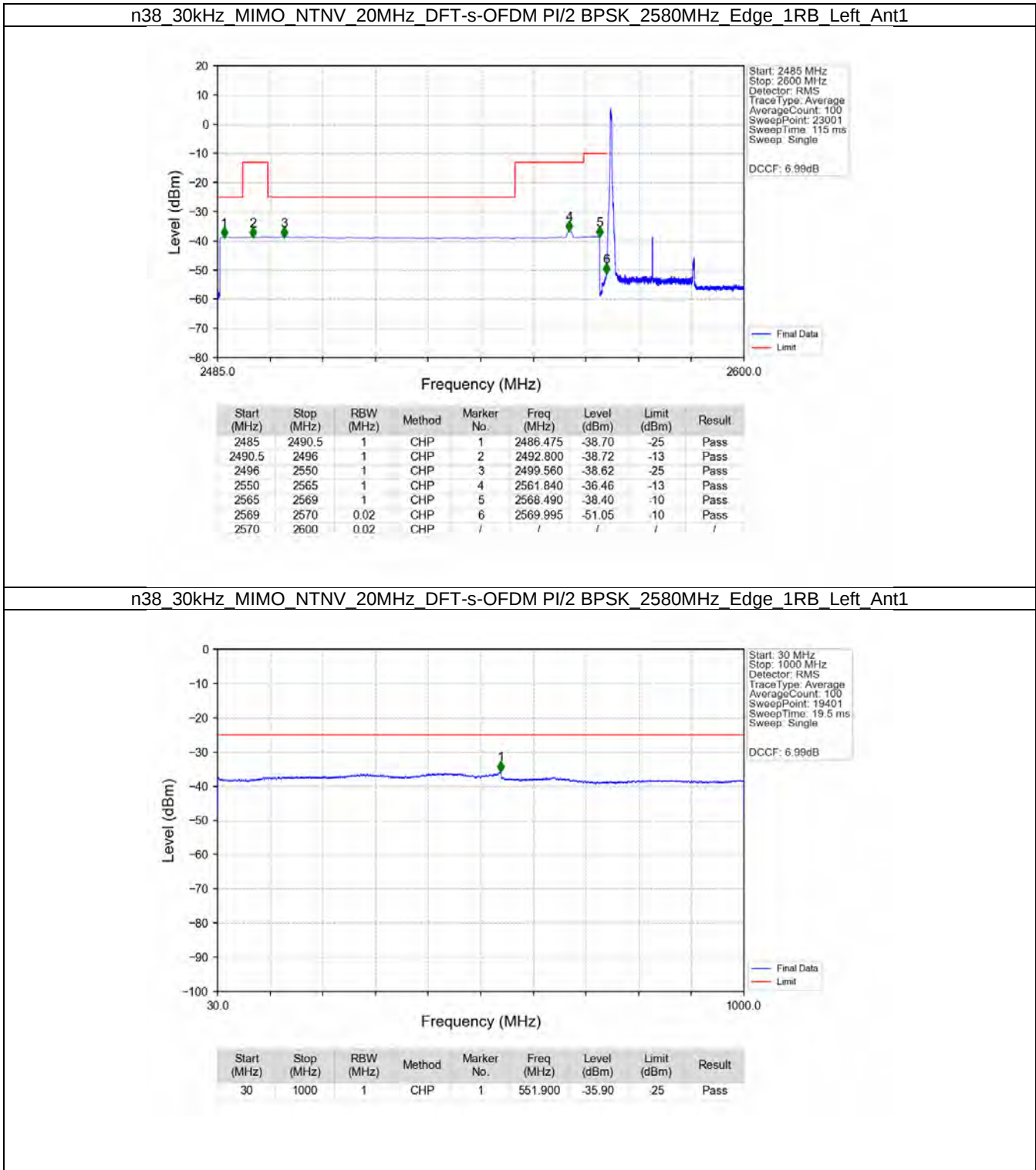
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2597.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.045   | -44.88      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2624.995   | -32.92      | -10         | Pass   |
| 2625        | 2635       | 1         | CHP    | 3          | 2625.010   | -32.91      | -13         | Pass   |
| 2635        | 2750       | 1         | CHP    | 4          | 2749.265   | -33.80      | -25         | Pass   |

n38 30kHz MIMO NTN 15MHz CP-OFDM QPSK 2612.5MHz Inner 1RB Right MIMO

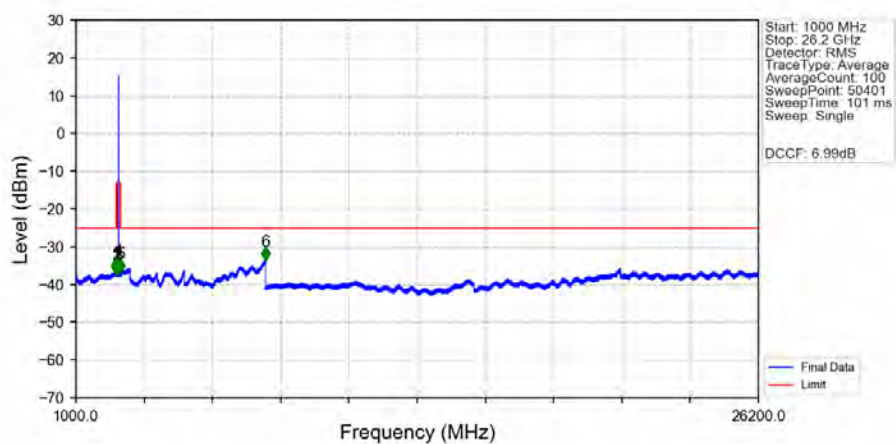


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2597.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.050   | -43.60      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2625.000   | -31.64      | -10         | Pass   |
| 2625        | 2635       | 1         | CHP    | 3          | 2625.015   | -31.63      | -13         | Pass   |
| 2635        | 2750       | 1         | CHP    | 4          | 2739.835   | -32.53      | -25         | Pass   |

5.2.9 30k\_MIMO\_20MHz\_NTNV

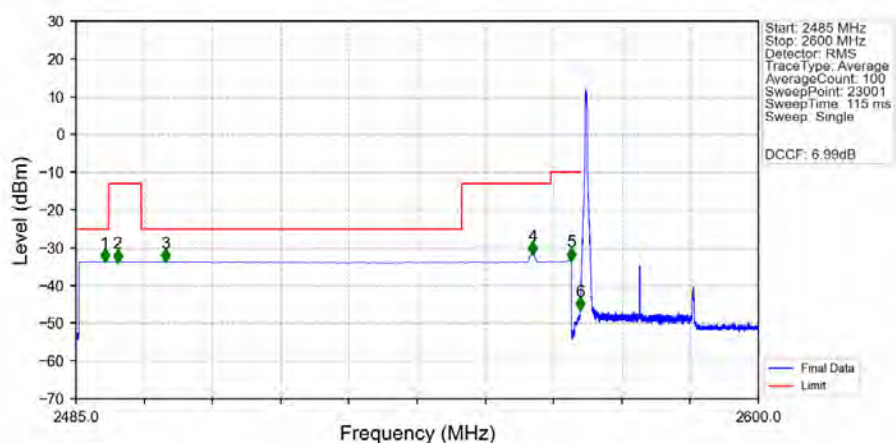


## n38 30kHz MIMO NTN 20MHz DFT-s-OFDM PI/2 BPSK 2580MHz Edge 1RB Left Ant1

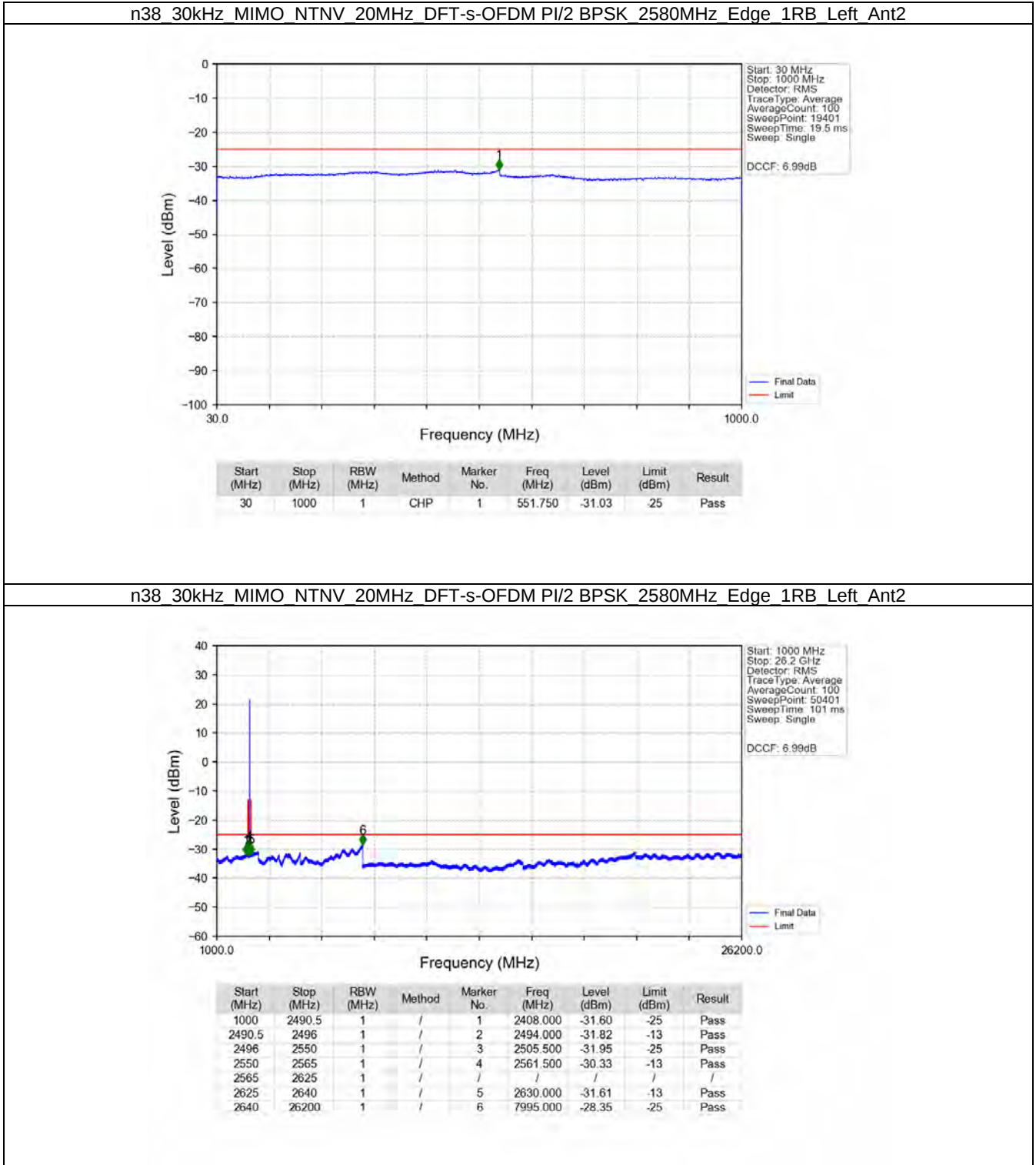


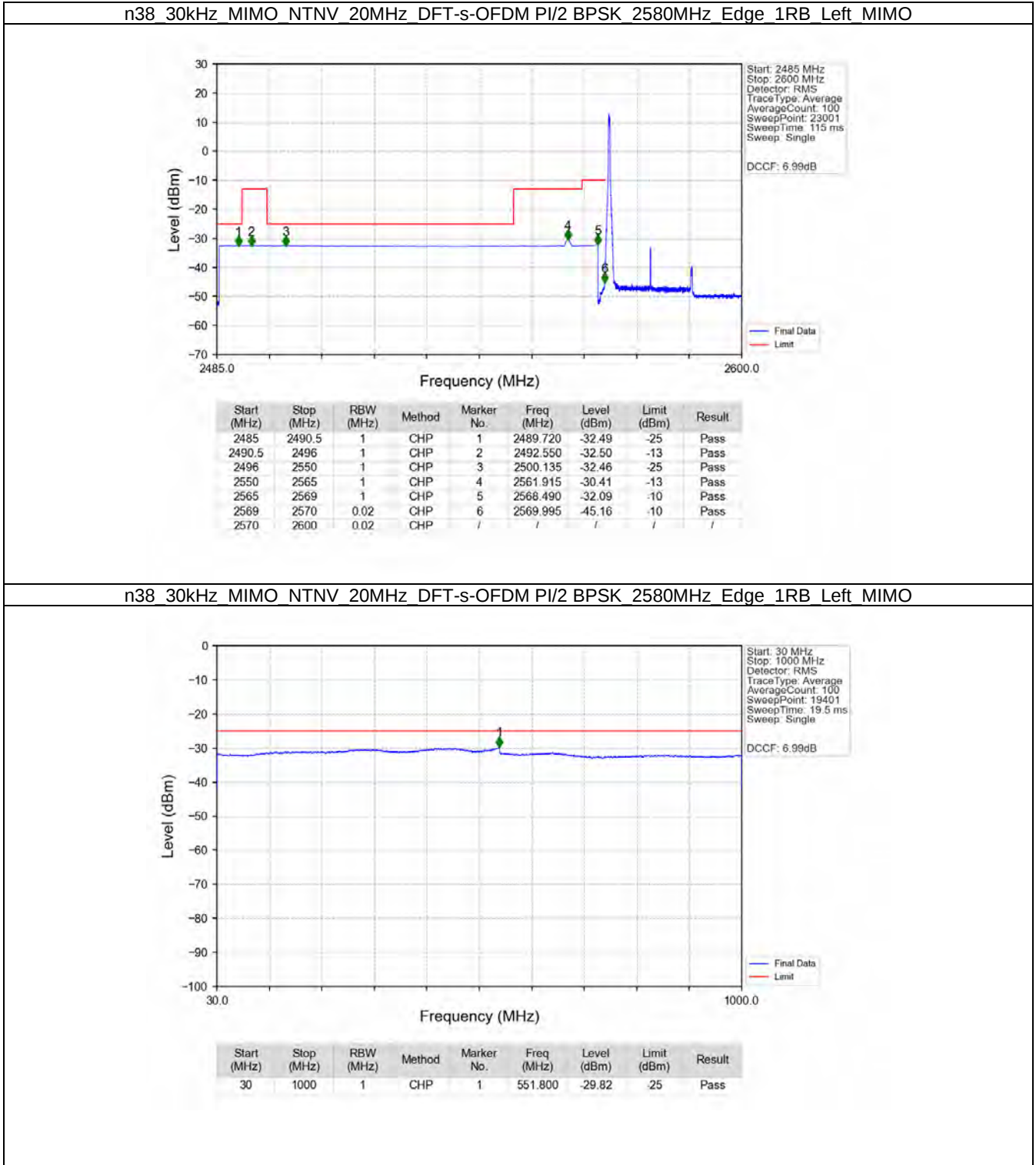
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2467.500   | -36.45      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2495.500   | -37.09      | -13         | Pass   |
| 2496        | 2550       | 1         | /      | 3          | 2542.000   | -36.77      | -25         | Pass   |
| 2550        | 2565       | 1         | /      | 4          | 2561.500   | -35.72      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2640       | 1         | /      | 5          | 2638.500   | -36.63      | -13         | Pass   |
| 2640        | 26200      | 1         | /      | 6          | 7991.500   | -33.39      | -25         | Pass   |

## n38 30kHz MIMO NTN 20MHz DFT-s-OFDM PI/2 BPSK 2580MHz Edge 1RB Left Ant2

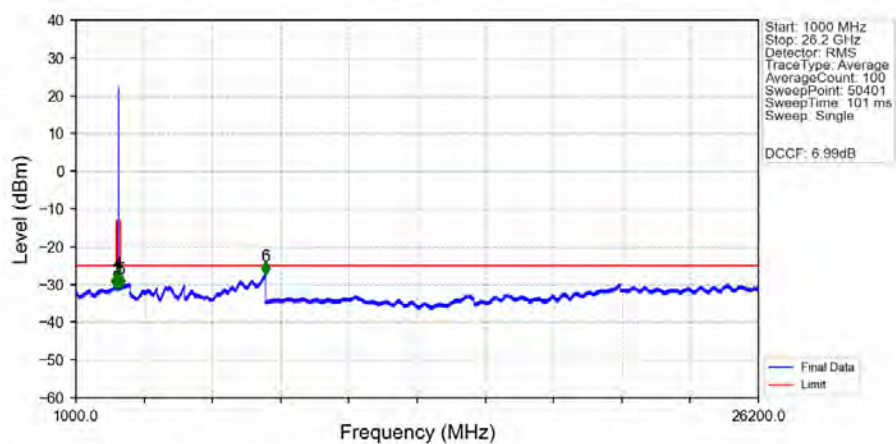


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2489.890   | -33.64      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.020   | -33.66      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2500.130   | -33.64      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2561.985   | -31.64      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.500   | -33.24      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.995   | -46.45      | -10         | Pass   |
| 2570        | 2600       | 0.02      | CHP    | /          | /          | /           | /           | /      |



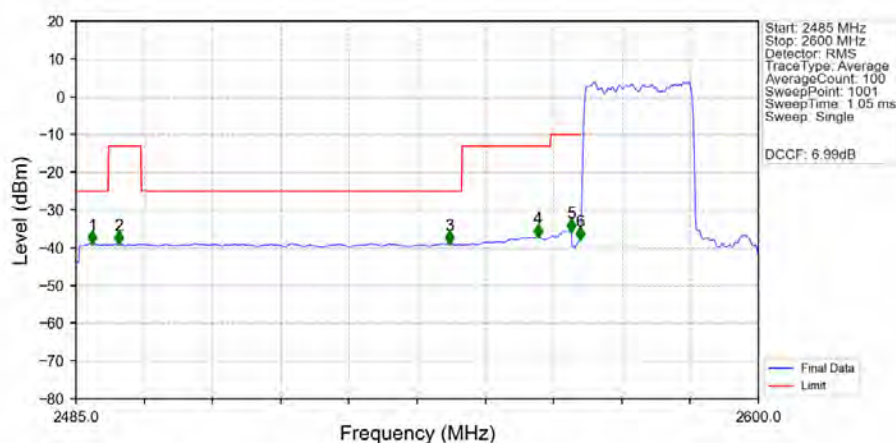


## n38 30kHz MIMO NTN 20MHz DFT-s-OFDM PI/2 BPSK 2580MHz Edge 1RB Left MIMO



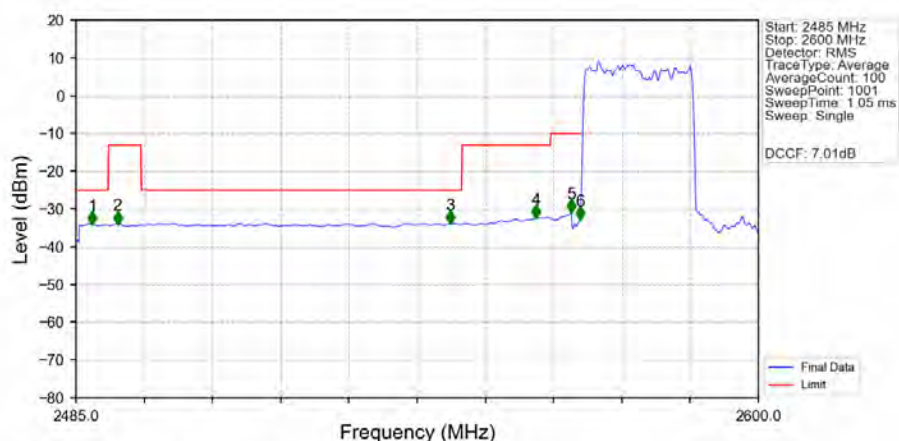
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2485.000   | -30.51      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2494.000   | -30.78      | -13         | Pass   |
| 2496        | 2550       | 1         | /      | 3          | 2505.500   | -30.72      | -25         | Pass   |
| 2550        | 2565       | 1         | /      | 4          | 2561.500   | -29.23      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2640       | 1         | /      | 5          | 2631.500   | -30.59      | -13         | Pass   |
| 2640        | 26200      | 1         | /      | 6          | 7995.000   | -27.22      | -25         | Pass   |

## n38 30kHz MIMO NTN 20MHz DFT-s-OFDM PI/2 BPSK 2580MHz Outer Full Ant1



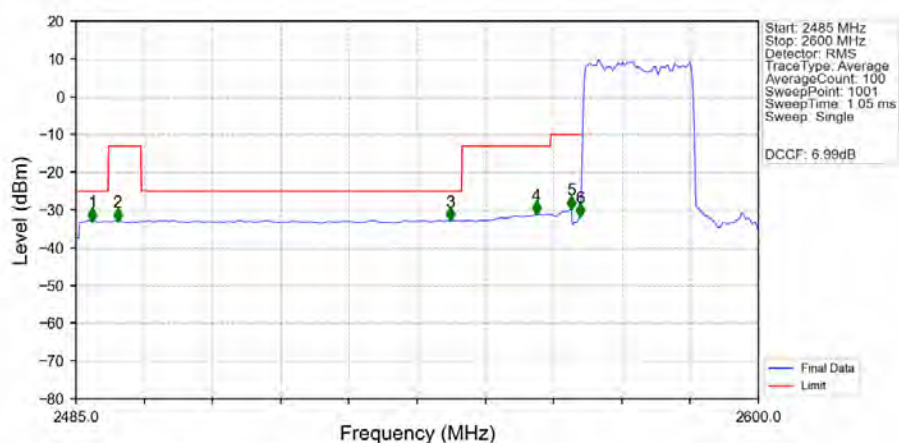
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2487.760   | -38.85      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.245   | -38.95      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2547.905   | -38.84      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2562.855   | -37.09      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.490   | -35.67      | -10         | Pass   |
| 2569        | 2570       | 0.386     | CHP    | 6          | 2569.985   | -37.86      | -10         | Pass   |
| 2570        | 2600       | 0.386     | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM PI/2 BPSK 2580MHz Outer Full Ant2



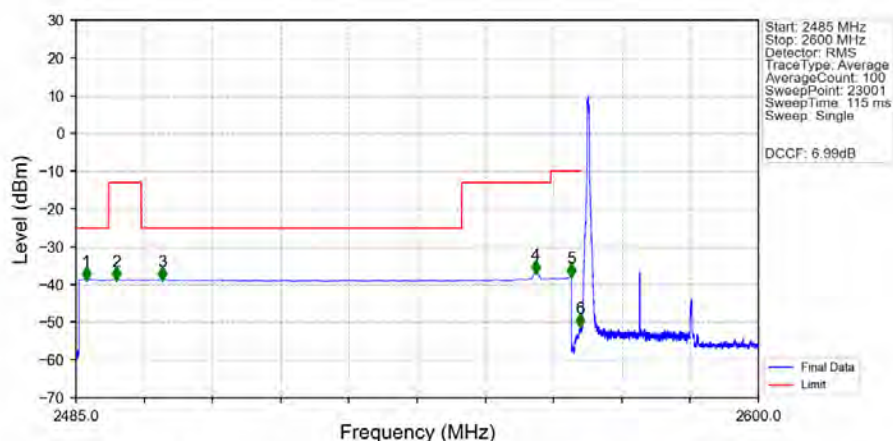
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2487.760   | -33.99      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.015   | -33.87      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2548.135   | -33.78      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2562.510   | -32.21      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.490   | -30.79      | -10         | Pass   |
| 2569        | 2570       | 0.386     | CHP    | 6          | 2569.985   | -32.73      | 10          | Pass   |
| 2570        | 2600       | 0.386     | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM PI/2 BPSK 2580MHz Outer Full MIMO



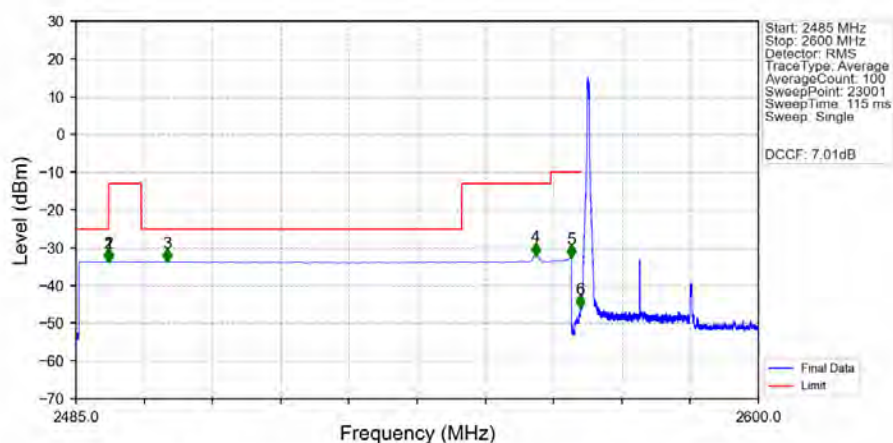
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2487.760   | -32.78      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.015   | -32.76      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2548.135   | -32.66      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2562.625   | -31.03      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.490   | -29.58      | -10         | Pass   |
| 2569        | 2570       | 0.386     | CHP    | 6          | 2569.985   | -31.58      | 10          | Pass   |
| 2570        | 2600       | 0.386     | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNv 20MHz DFT-s-OFDM PI/2 BPSK 2580MHz Inner 1RB Left Ant1



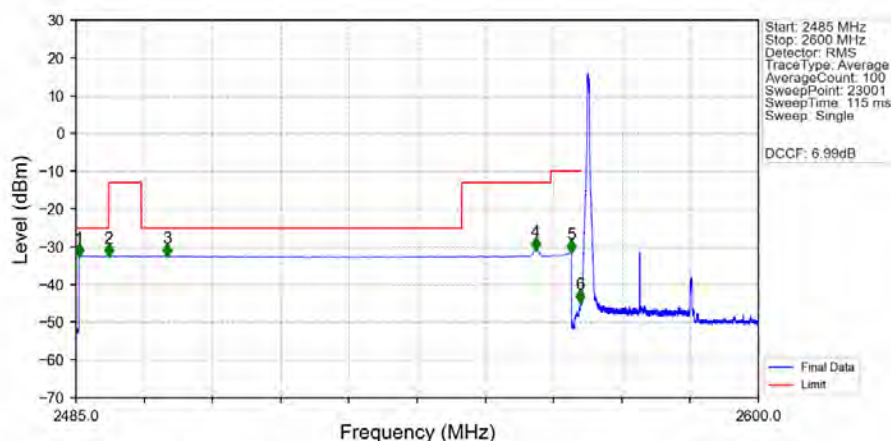
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2486.715   | -38.66      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2491.810   | -38.73      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2499.595   | -38.69      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2562.480   | -36.96      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.470   | -37.80      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.995   | -51.04      | -10         | Pass   |
| 2570        | 2600       | 0.02      | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNv 20MHz DFT-s-OFDM PI/2 BPSK 2580MHz Inner 1RB Left Ant2

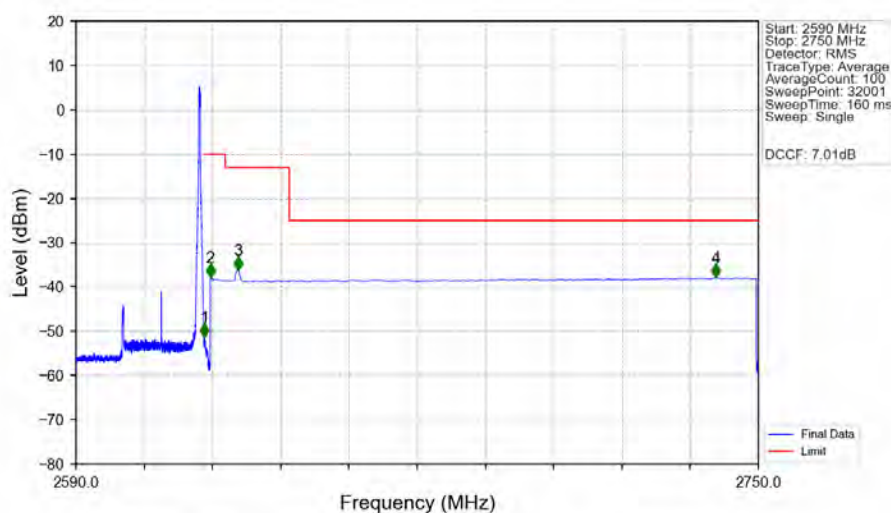


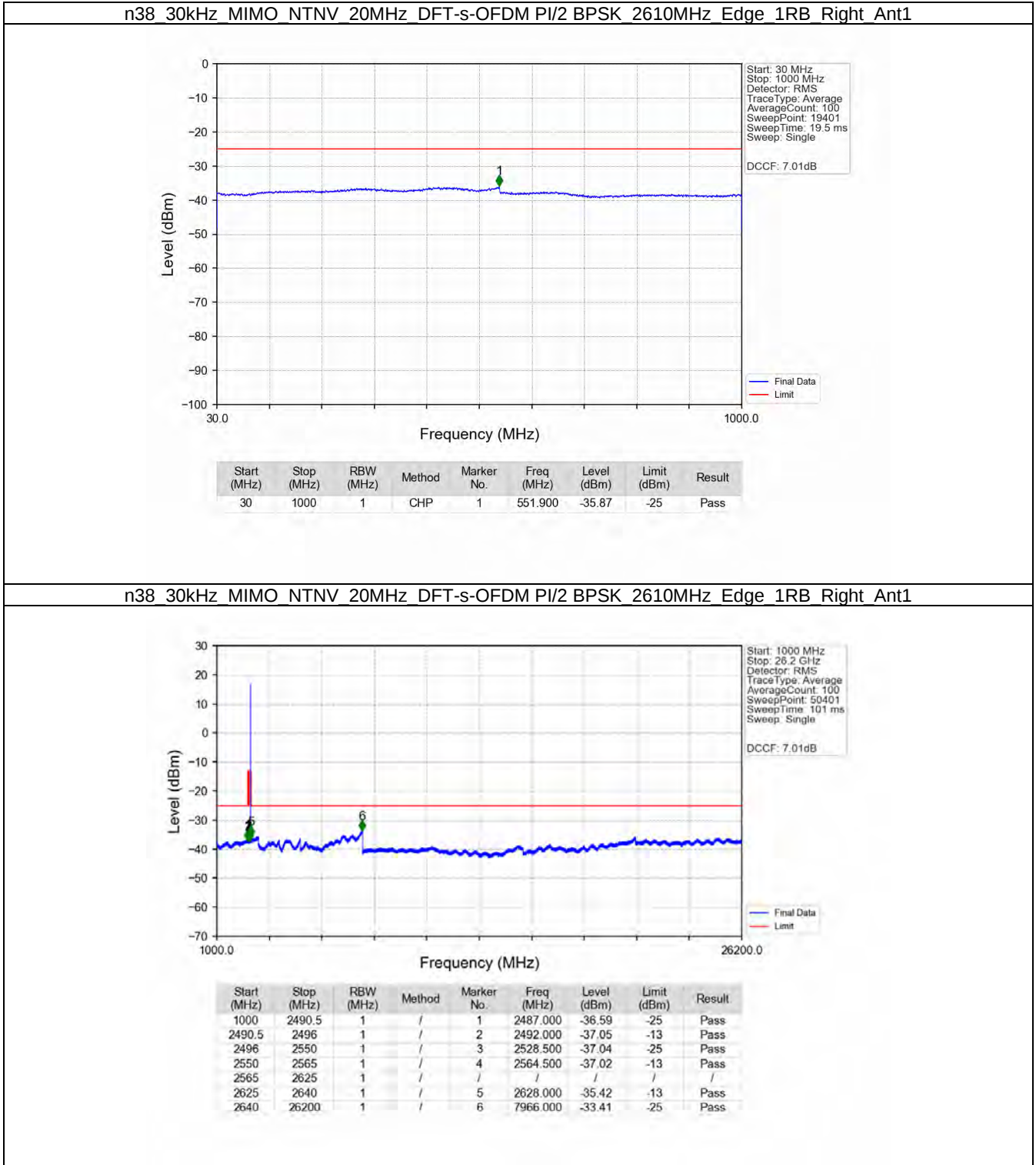
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.490   | -33.65      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2490.525   | -33.64      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2500.295   | -33.60      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2562.445   | -31.99      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.490   | -32.57      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.995   | -45.81      | -10         | Pass   |
| 2570        | 2600       | 0.02      | CHP    | /          | /          | /           | /           | /      |

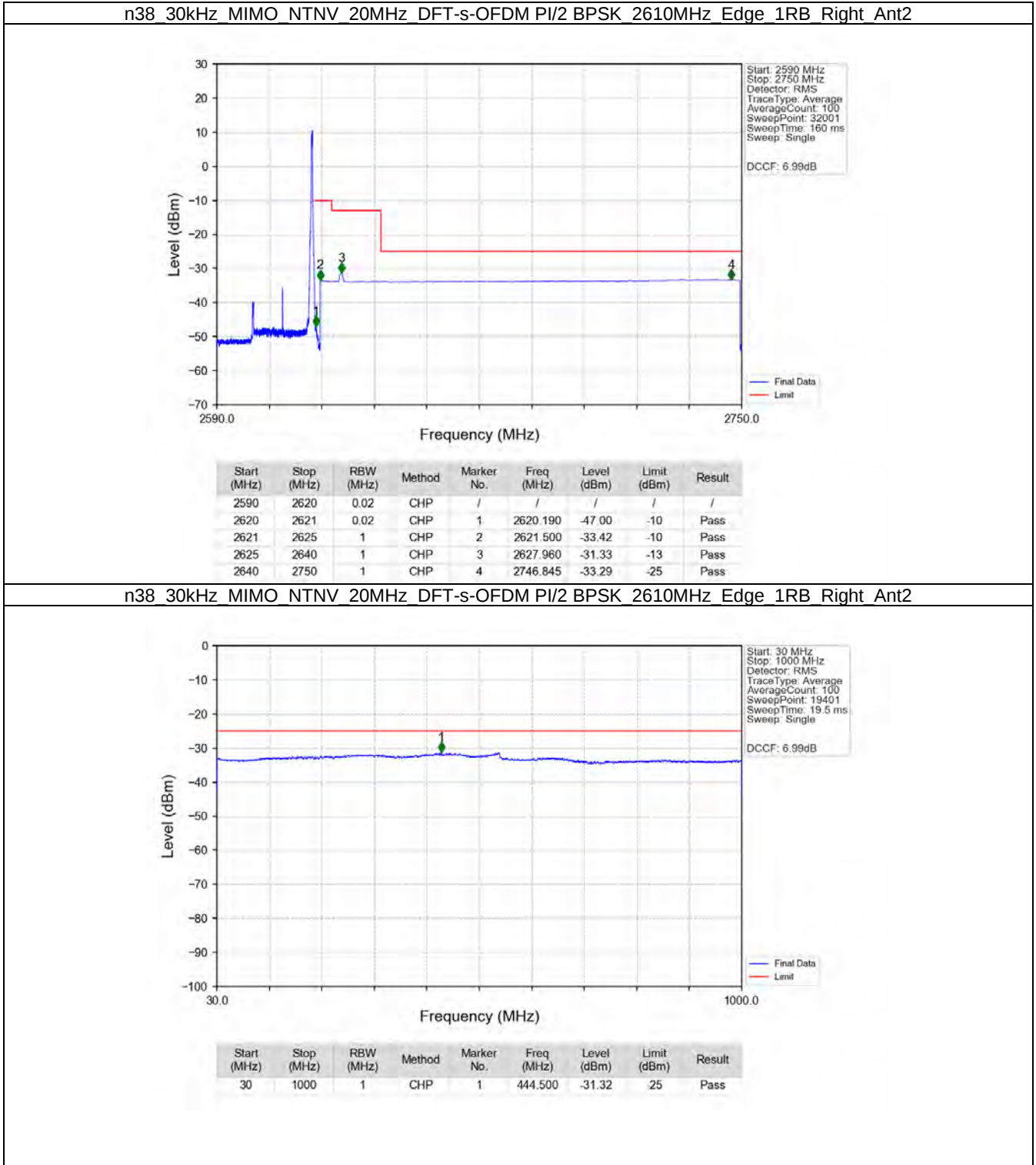
n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM PI/2 BPSK 2580MHz Inner 1RB Left MIMO



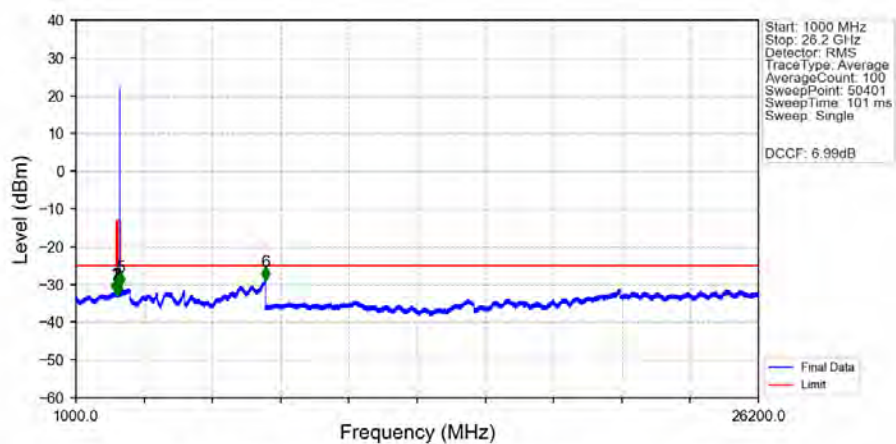
n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM PI/2 BPSK 2610MHz Edge 1RB Right Ant1





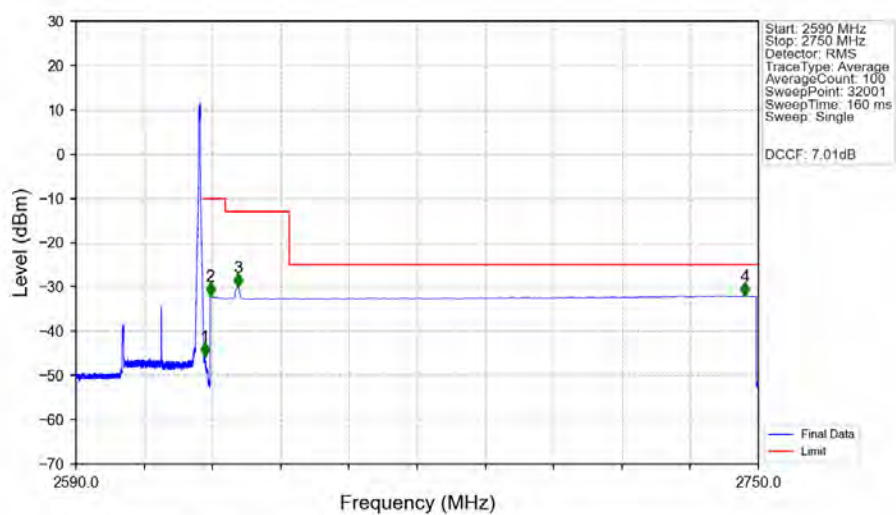


n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM PI/2 BPSK 2610MHz Edge 1RB Right Ant2



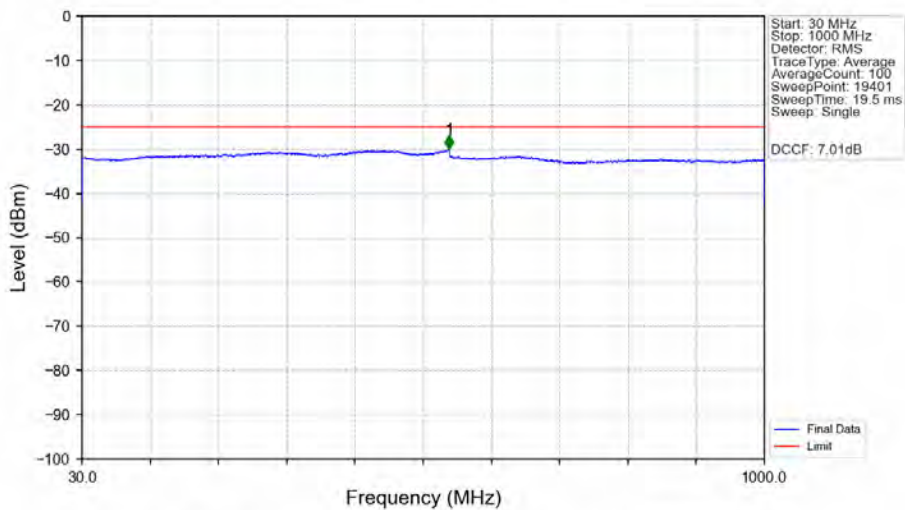
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2449.000   | -31.88      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2495.500   | -32.18      | -13         | Pass   |
| 2496        | 2550       | 1         | /      | 3          | 2515.000   | -32.19      | -25         | Pass   |
| 2550        | 2565       | 1         | /      | 4          | 2554.000   | -32.48      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2640       | 1         | /      | 5          | 2628.000   | -30.18      | -13         | Pass   |
| 2640        | 26200      | 1         | /      | 6          | 7994.500   | -28.77      | -25         | Pass   |

n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM PI/2 BPSK 2610MHz Edge 1RB Right MIMO

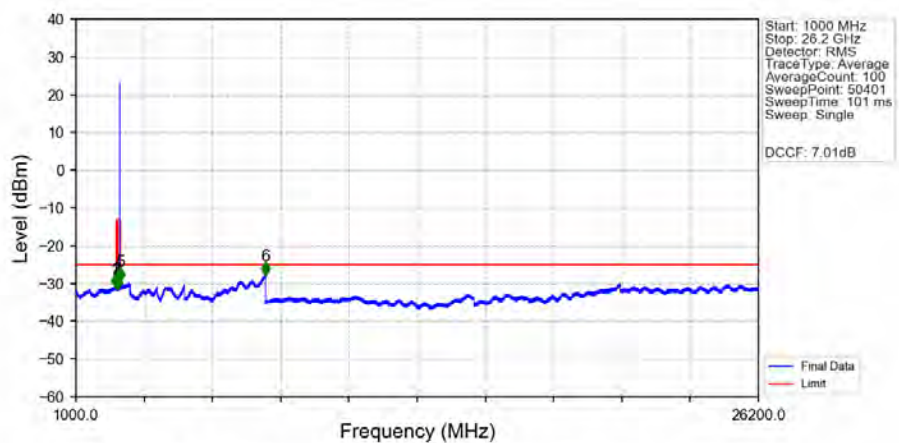


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.190   | -45.80      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -32.09      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2628.075   | -30.10      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2746.835   | -32.02      | -25         | Pass   |

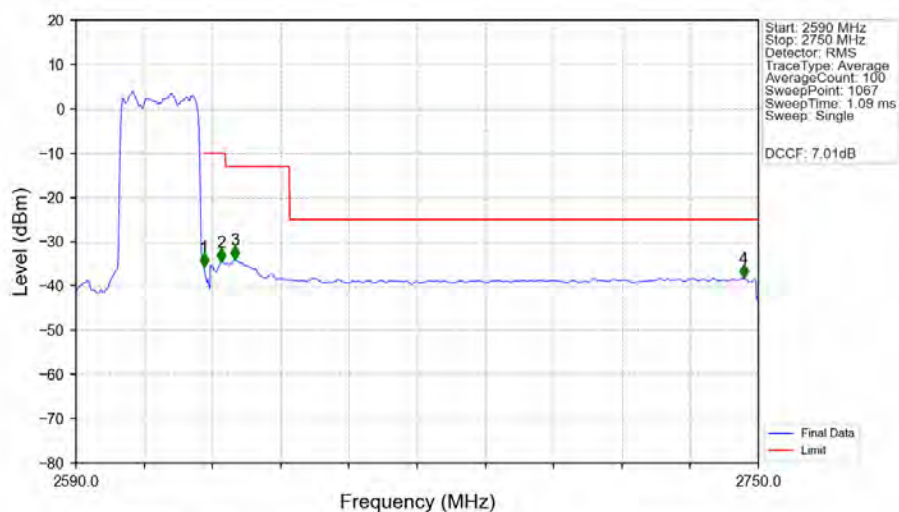
n38 30kHz MIMO NTN 20MHz DFT-s-OFDM PI/2 BPSK 2610MHz Edge 1RB Right MIMO



n38 30kHz MIMO NTN 20MHz DFT-s-OFDM PI/2 BPSK 2610MHz Edge 1RB Right MIMO

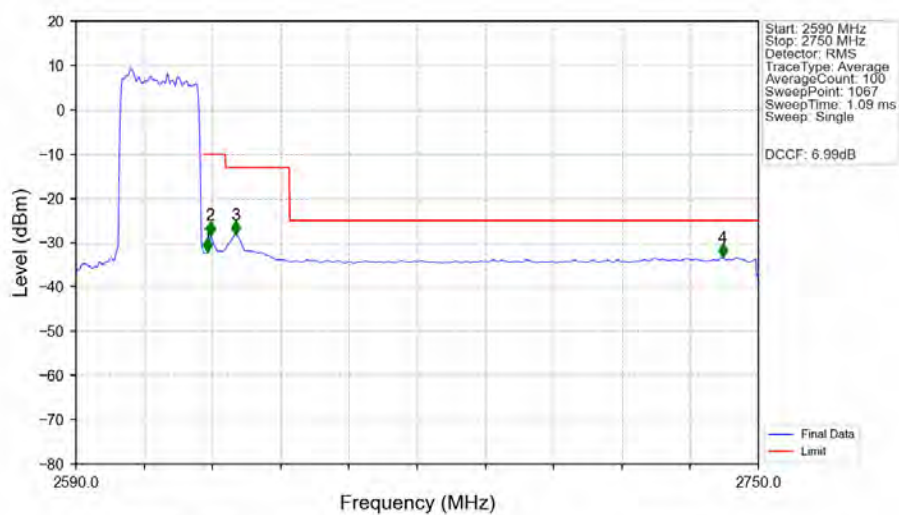


n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM PI/2 BPSK 2610MHz Outer Full Ant1



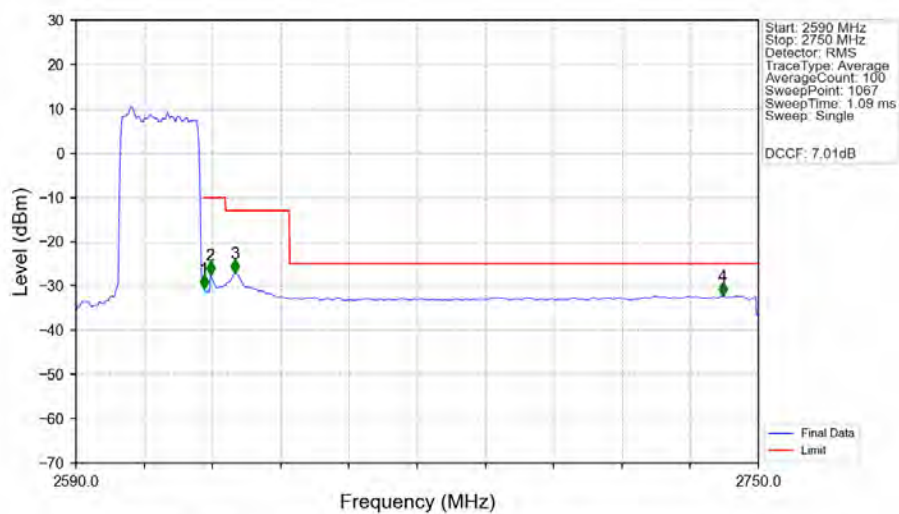
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.384     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.384     | CHP    | 1          | 2620.019   | -35.75      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2624.071   | -34.59      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2627.223   | -34.11      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2746.548   | -38.24      | -25         | Pass   |

n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM PI/2 BPSK 2610MHz Outer Full Ant2



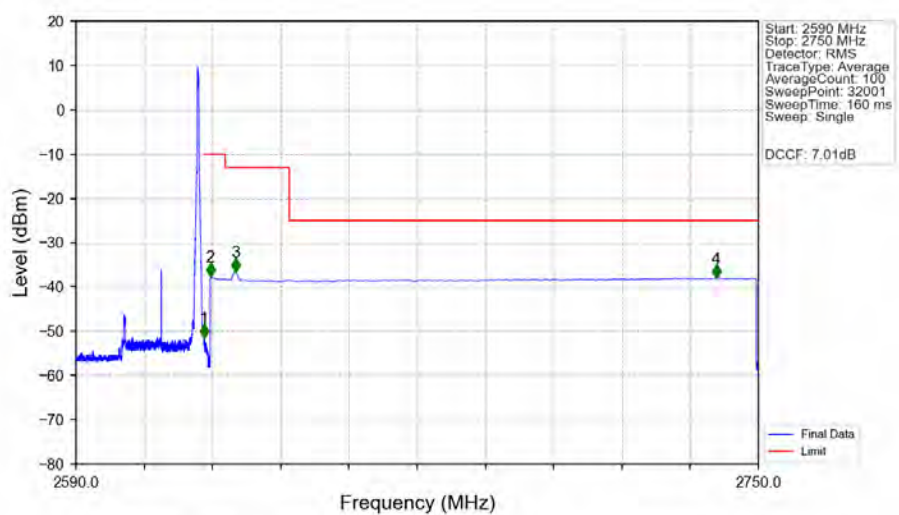
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.384     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.384     | CHP    | 1          | 2620.769   | -32.12      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.520   | -28.31      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2627.523   | -28.18      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2741.595   | -33.38      | -25         | Pass   |

## n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM PI/2 BPSK 2610MHz Outer Full MIMO



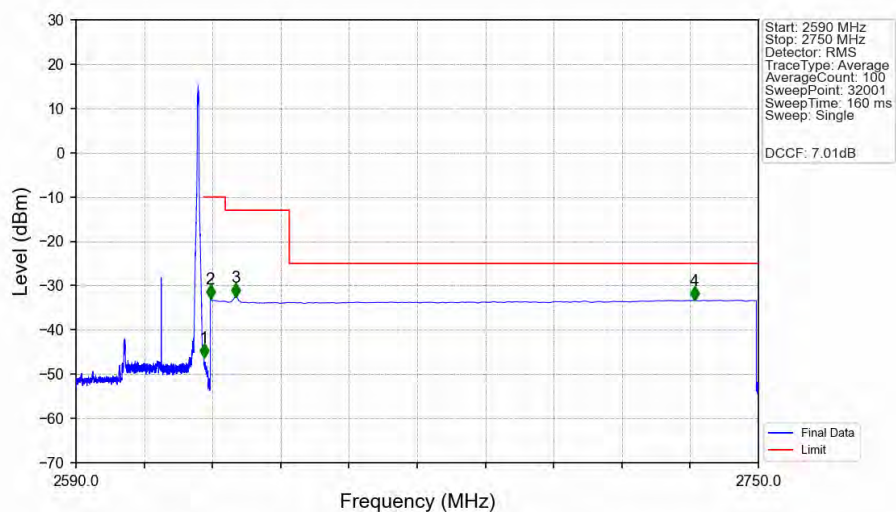
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.384     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.384     | CHP    | 1          | 2620.019   | -30.61      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.520   | -27.49      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2627.223   | -27.18      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2741.595   | -32.24      | -25         | Pass   |

## n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM PI/2 BPSK 2610MHz Inner 1RB Right Ant1



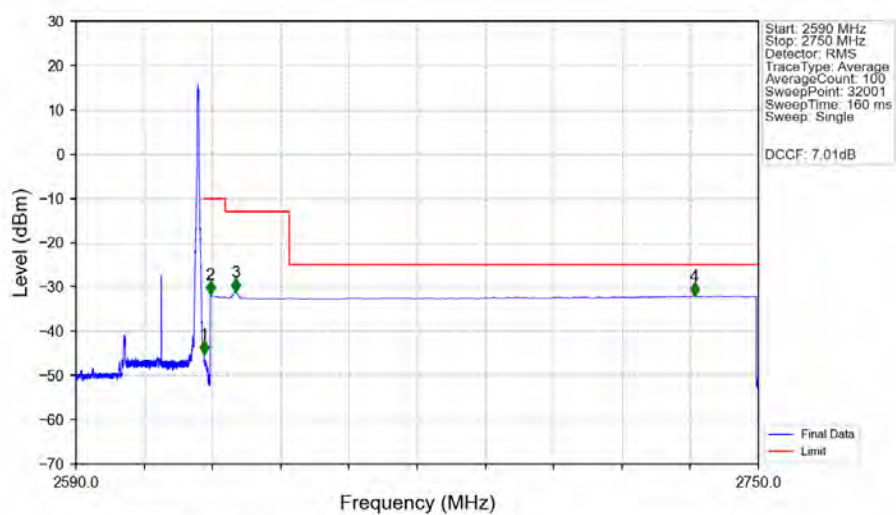
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.005   | -51.61      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -37.63      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2627.405   | -36.55      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2740.100   | -38.03      | -25         | Pass   |

n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM PI/2 BPSK 2610MHz Inner 1RB Right Ant2



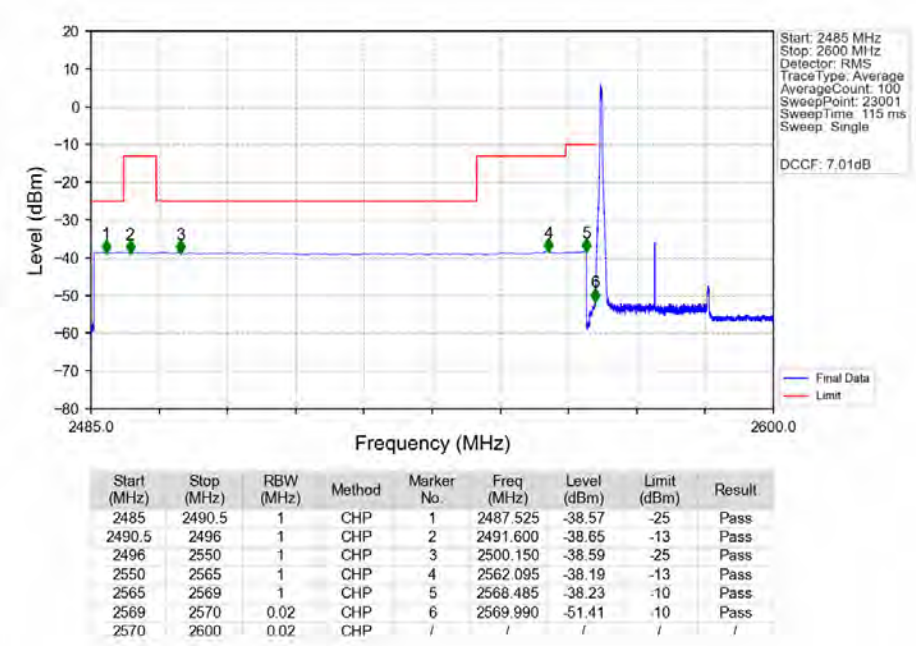
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.005   | -46.22      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.505   | -32.95      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2627.470   | -32.56      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2735.070   | -33.29      | -25         | Pass   |

n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM PI/2 BPSK 2610MHz Inner 1RB Right MIMO

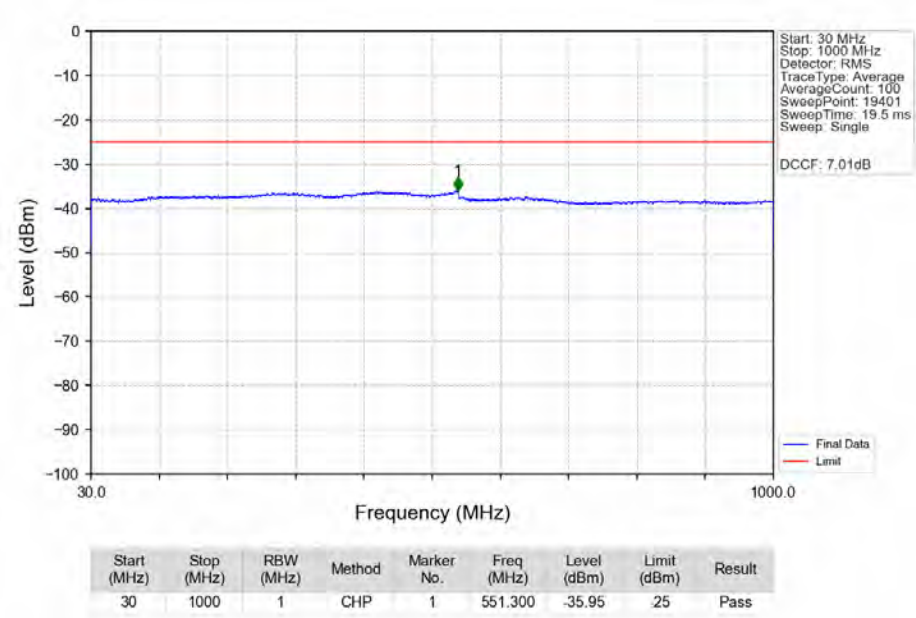


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.005   | -45.12      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -31.68      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2627.460   | -31.11      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2735.065   | -32.07      | -25         | Pass   |

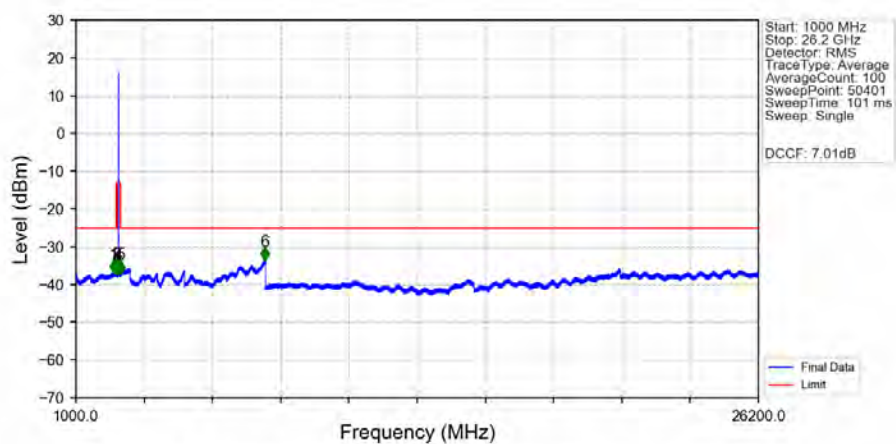
n38 30kHz MIMO NTN 20MHz DFT-s-OFDM QPSK 2580MHz Edge 1RB Left Ant1



n38 30kHz MIMO NTN 20MHz DFT-s-OFDM QPSK 2580MHz Edge 1RB Left Ant1

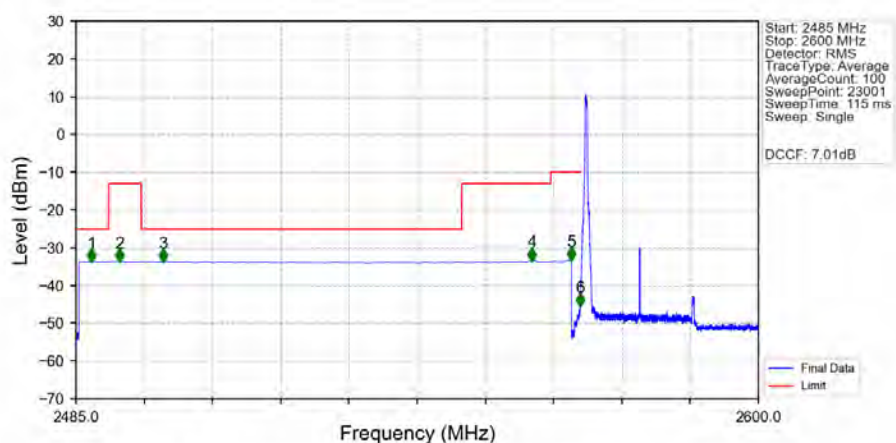


## n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM QPSK 2580MHz Edge 1RB Left Ant1



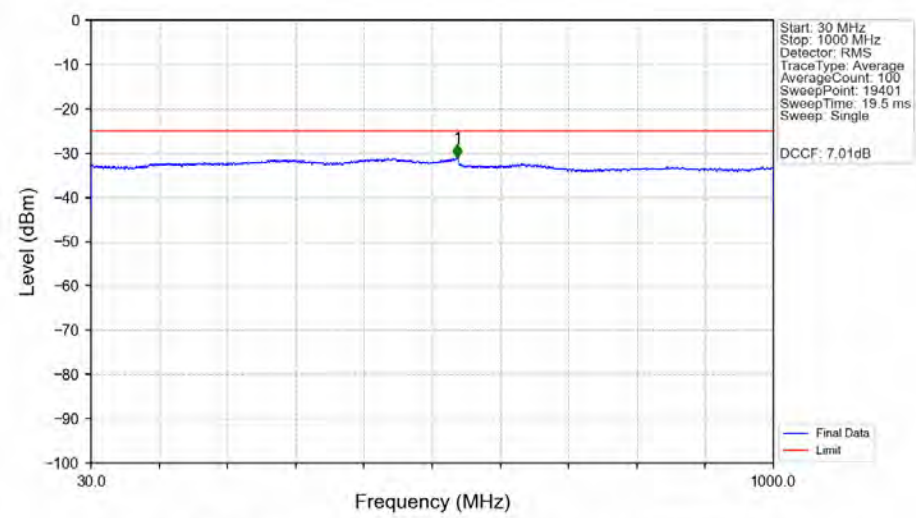
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2396.500   | -36.74      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2494.500   | -36.89      | -13         | Pass   |
| 2496        | 2550       | 1         | /      | 3          | 2501.500   | -36.74      | -25         | Pass   |
| 2550        | 2565       | 1         | /      | 4          | 2562.500   | -36.87      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2640       | 1         | /      | 5          | 2629.500   | -36.87      | -13         | Pass   |
| 2640        | 26200      | 1         | /      | 6          | 7980.000   | -33.40      | -25         | Pass   |

## n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM QPSK 2580MHz Edge 1RB Left Ant2



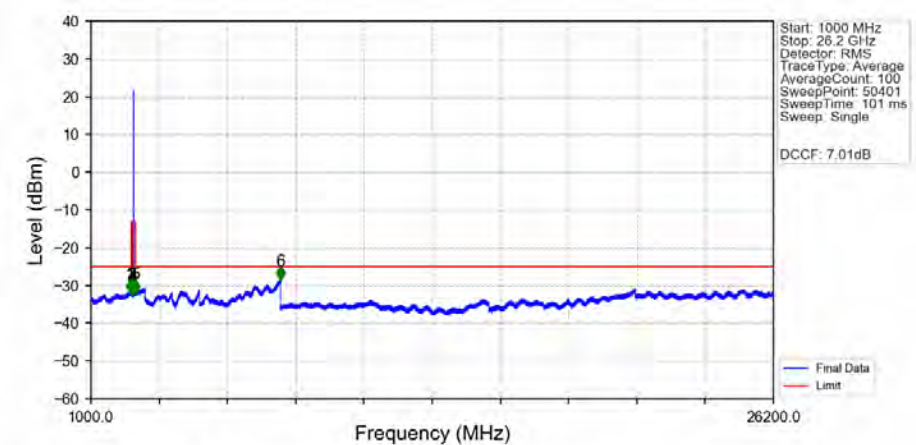
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2487.615   | -33.62      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.310   | -33.58      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2499.725   | -33.59      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2561.840   | -33.24      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.490   | -33.19      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.990   | -45.29      | -10         | Pass   |
| 2570        | 2600       | 0.02      | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNv 20MHz DFT-s-OFDM QPSK 2580MHz Edge 1RB Left Ant2

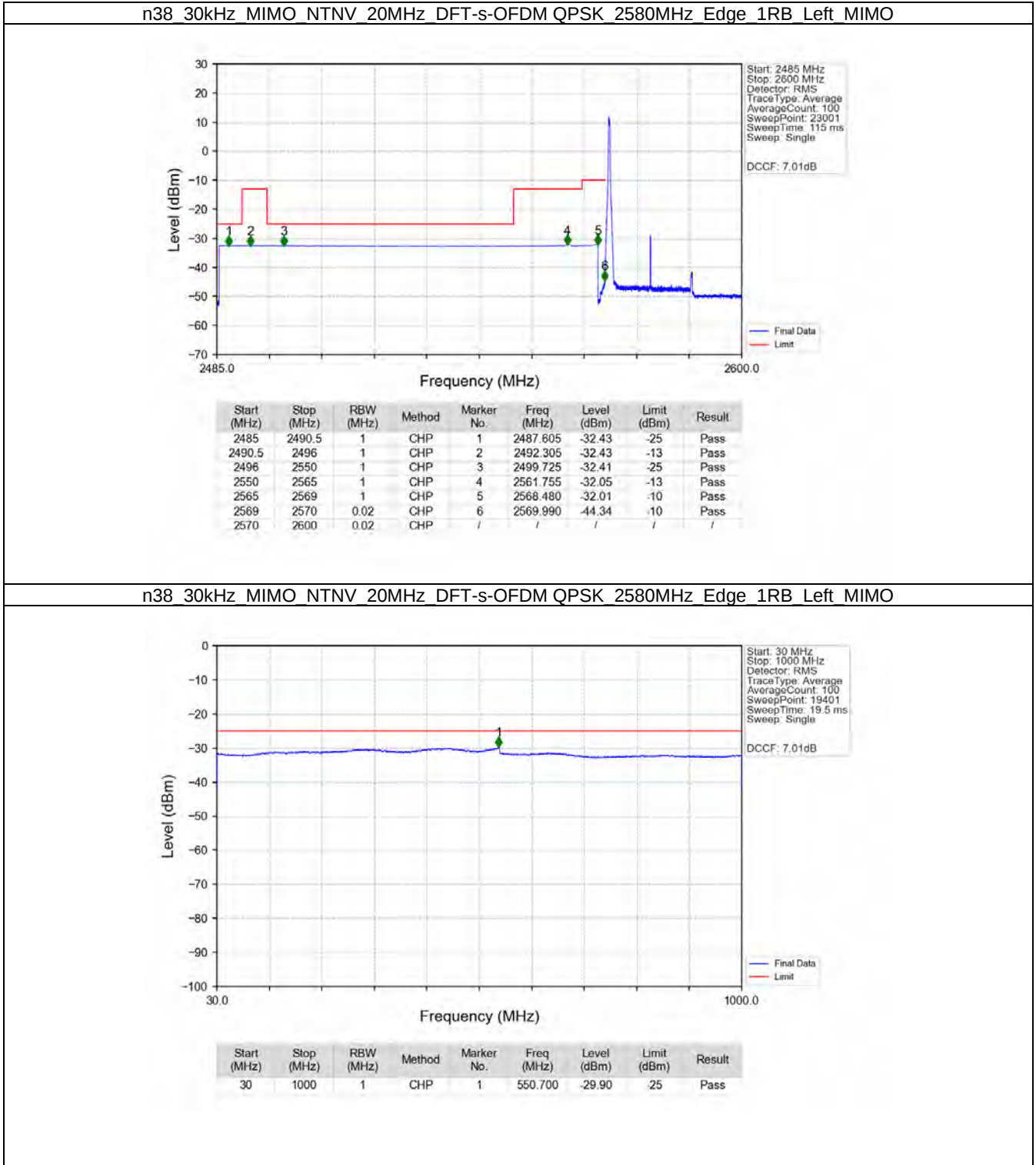


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 550.750    | -31.06      | -25         | Pass   |

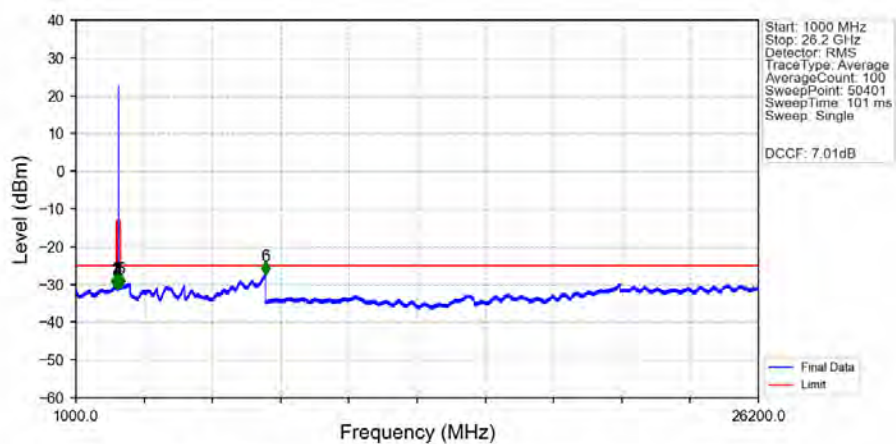
n38 30kHz MIMO NTNv 20MHz DFT-s-OFDM QPSK 2580MHz Edge 1RB Left Ant2



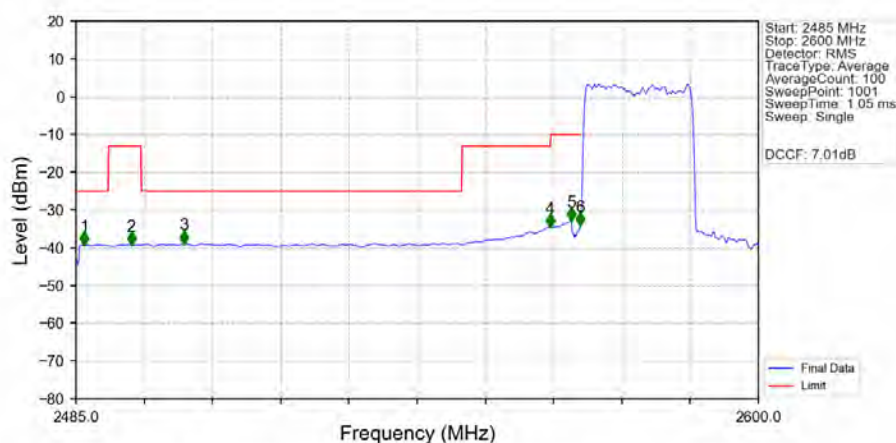
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2455.500   | -31.69      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2493.500   | -31.99      | -13         | Pass   |
| 2496        | 2550       | 1         | /      | 3          | 2501.000   | -31.69      | -25         | Pass   |
| 2550        | 2565       | 1         | /      | 4          | 2561.500   | -31.88      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2640       | 1         | /      | 5          | 2639.500   | -31.80      | -13         | Pass   |
| 2640        | 26200      | 1         | /      | 6          | 7998.000   | -28.26      | -25         | Pass   |



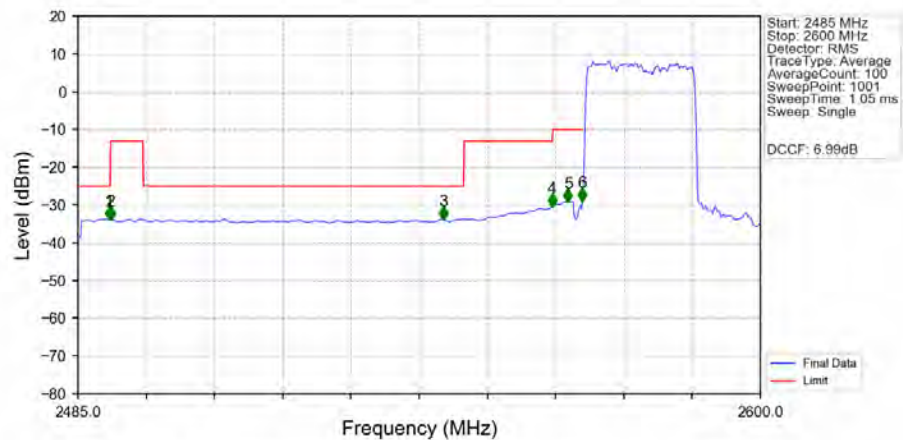
## n38 30kHz MIMO NTN 20MHz DFT-s-OFDM QPSK 2580MHz Edge 1RB Left MIMO



## n38 30kHz MIMO NTN 20MHz DFT-s-OFDM QPSK 2580MHz Outer Full Ant1

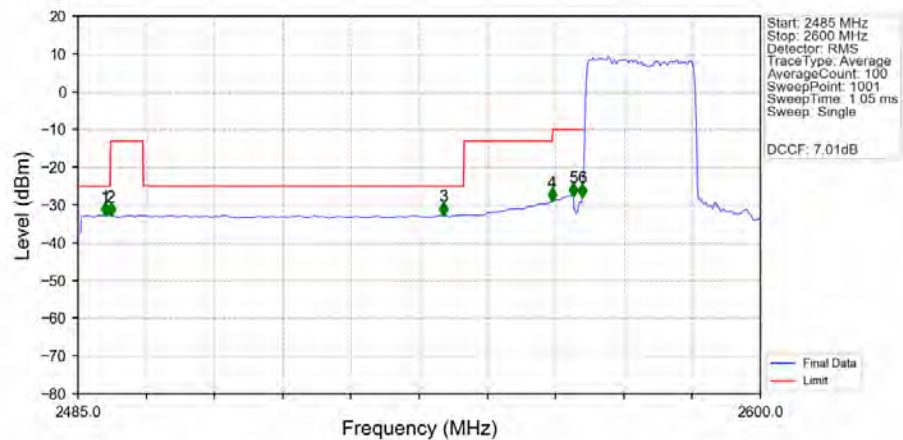


n38 30kHz MIMO NTN 20MHz DFT-s-OFDM QPSK 2580MHz Outer Full Ant2



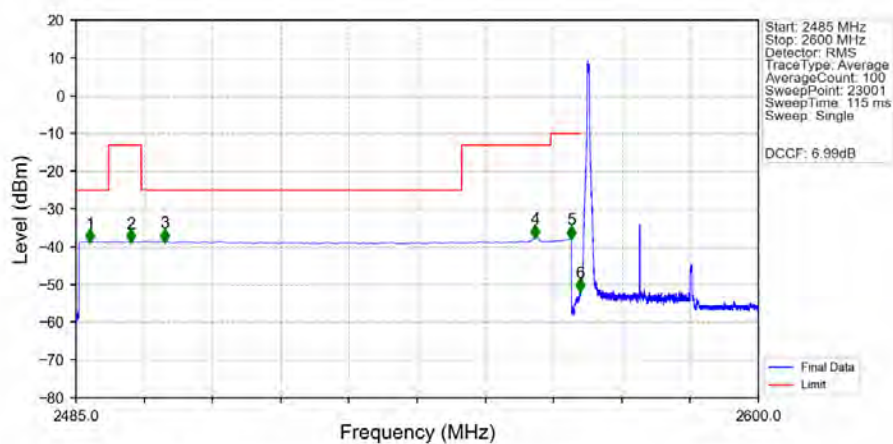
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.290   | -33.77      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2490.520   | -33.77      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2546.525   | -33.78      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2564.925   | -30.34      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2567.570   | -28.99      | -10         | Pass   |
| 2569        | 2570       | 0.382     | CHP    | 6          | 2569.985   | -28.83      | -10         | Pass   |
| 2570        | 2600       | 0.382     | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTN 20MHz DFT-s-OFDM QPSK 2580MHz Outer Full MIMO

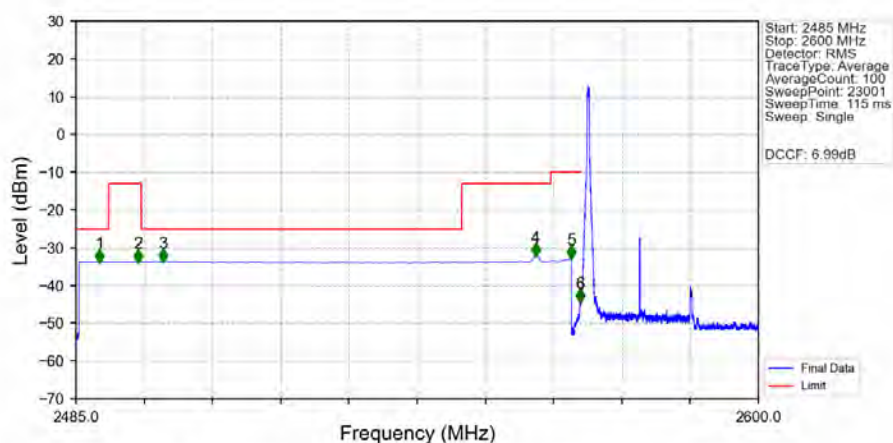


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2489.600   | -32.71      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2490.520   | -32.71      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2546.525   | -32.60      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2564.925   | -28.88      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.490   | -27.48      | -10         | Pass   |
| 2569        | 2570       | 0.382     | CHP    | 6          | 2569.985   | -27.66      | -10         | Pass   |
| 2570        | 2600       | 0.382     | CHP    | /          | /          | /           | /           | /      |

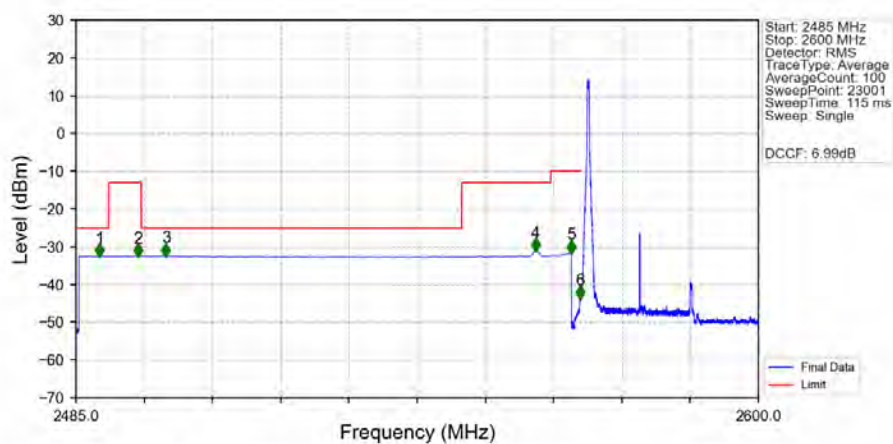
n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM QPSK 2580MHz Inner 1RB Left Ant1



n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM QPSK 2580MHz Inner 1RB Left Ant2

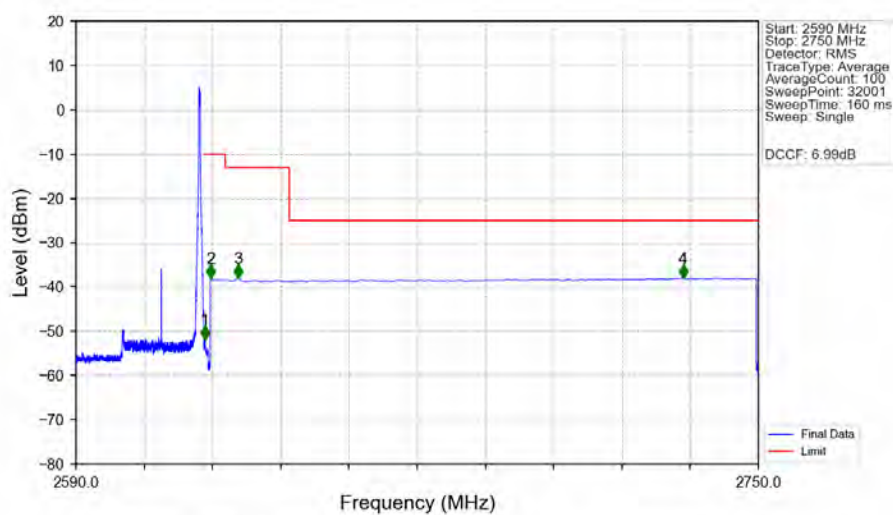


## n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM QPSK 2580MHz Inner 1RB Left MIMO

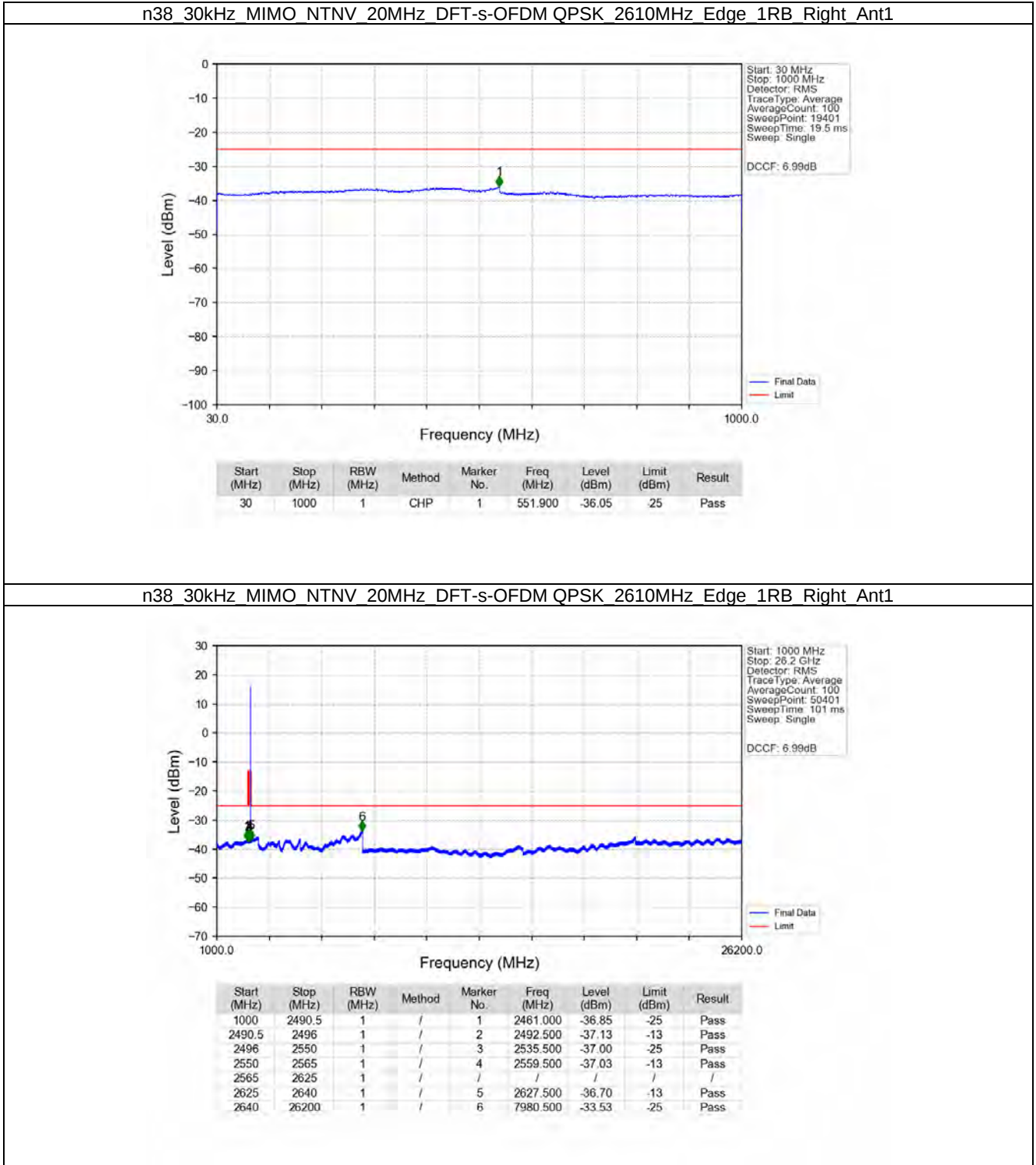


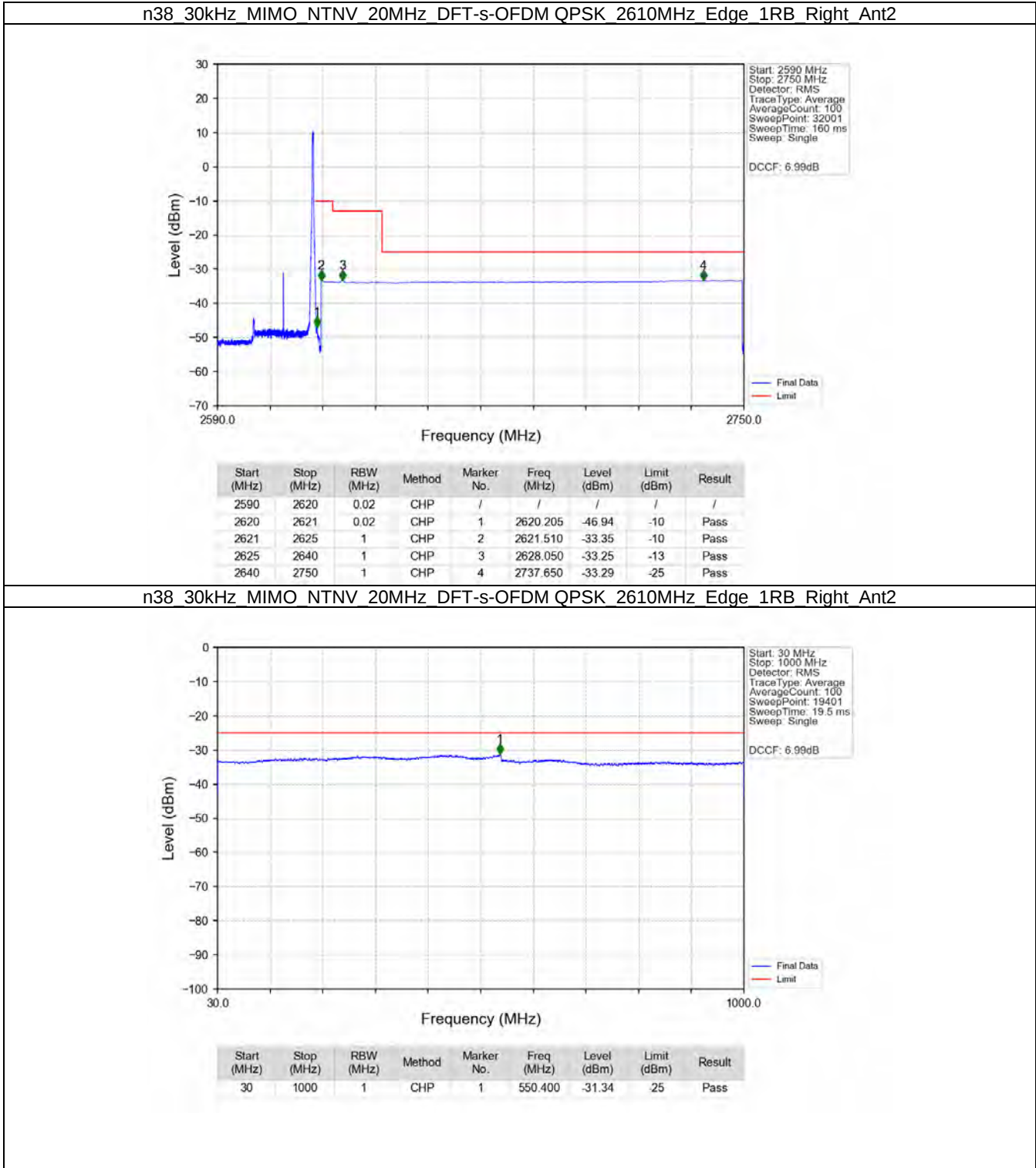
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2488.990   | -32.51      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.465   | -32.50      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2500.155   | -32.41      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2562.465   | -30.98      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.480   | -31.55      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.945   | -43.65      | -10         | Pass   |
| 2570        | 2600       | 0.02      | CHP    | /          | /          | /           | /           | /      |

## n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM QPSK 2610MHz Edge 1RB Right Ant1

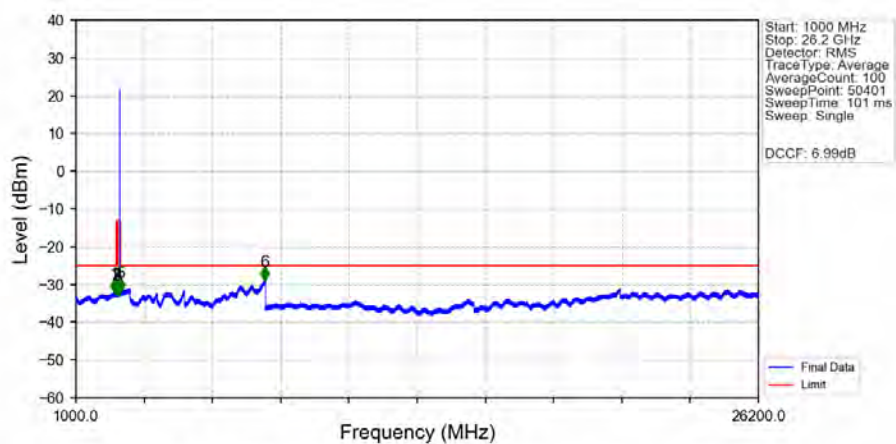


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.205   | -51.90      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.530   | -38.08      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2627.935   | -38.01      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2732.420   | -37.97      | -25         | Pass   |



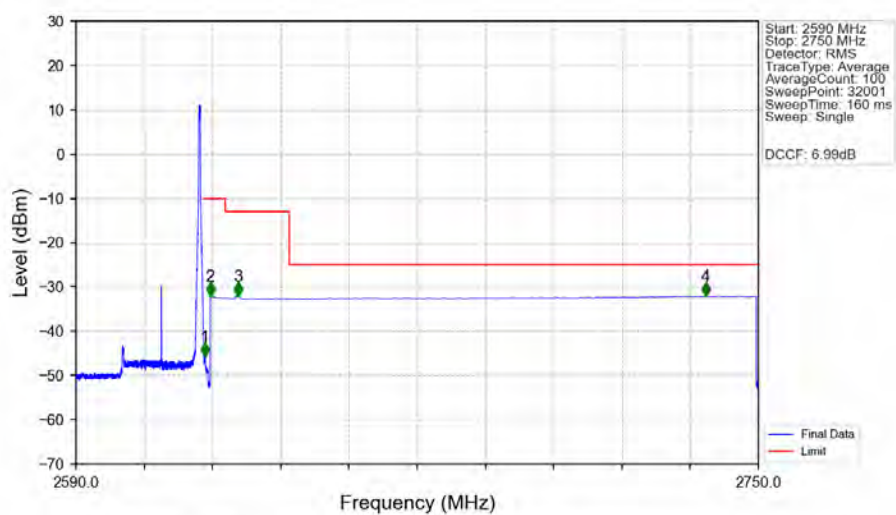


## n38 30kHz MIMO NTN 20MHz DFT-s-OFDM QPSK 2610MHz Edge 1RB Right Ant2

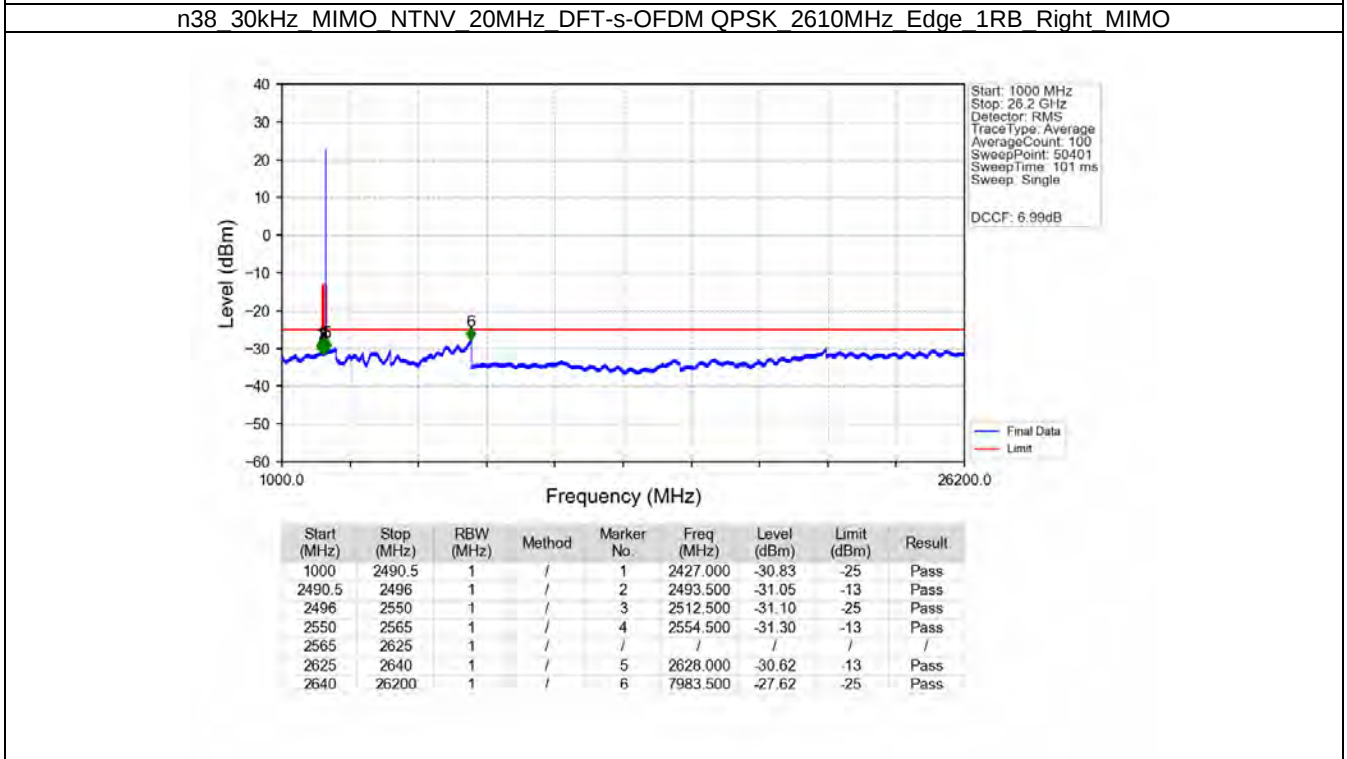
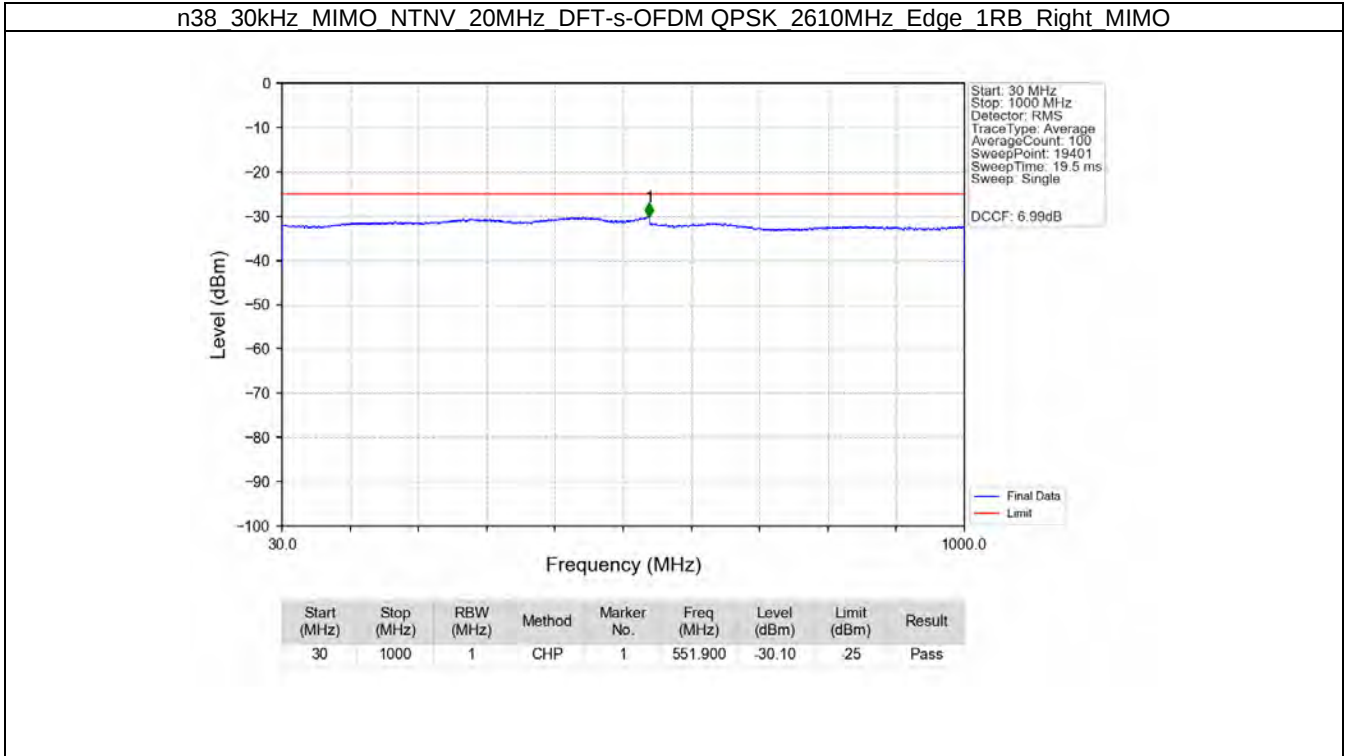


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2427.000   | -31.90      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2492.000   | -32.24      | -13         | Pass   |
| 2496        | 2550       | 1         | /      | 3          | 2506.000   | -32.29      | -25         | Pass   |
| 2550        | 2565       | 1         | /      | 4          | 2554.500   | -32.47      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2640       | 1         | /      | 5          | 2628.000   | -31.70      | -13         | Pass   |
| 2640        | 26200      | 1         | /      | 6          | 7983.500   | -28.71      | -25         | Pass   |

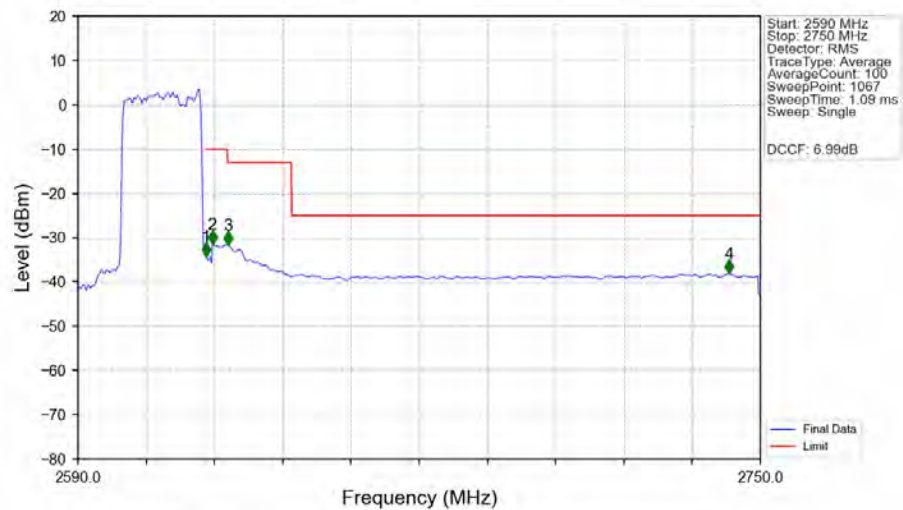
## n38 30kHz MIMO NTN 20MHz DFT-s-OFDM QPSK 2610MHz Edge 1RB Right MIMO



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.205   | -45.73      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -32.10      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2628.040   | -32.00      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2737.645   | -32.07      | -25         | Pass   |

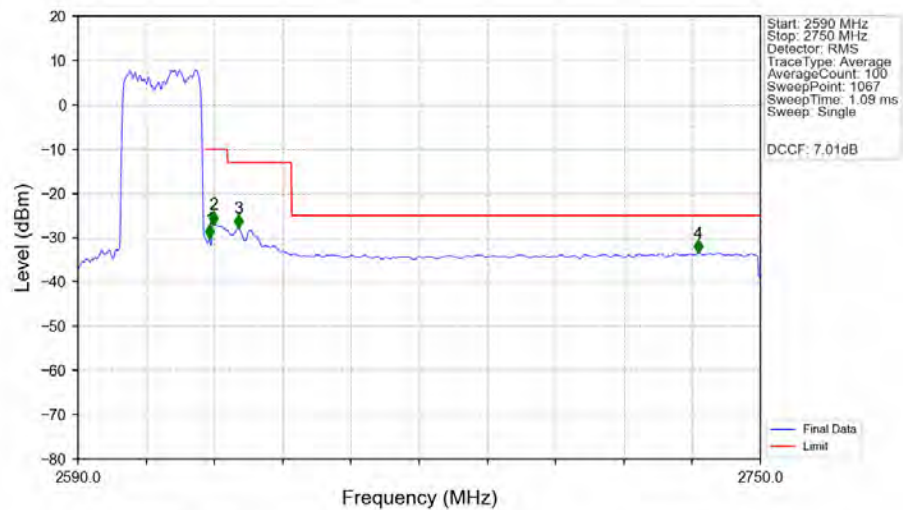


n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM QPSK 2610MHz Outer Full Ant1



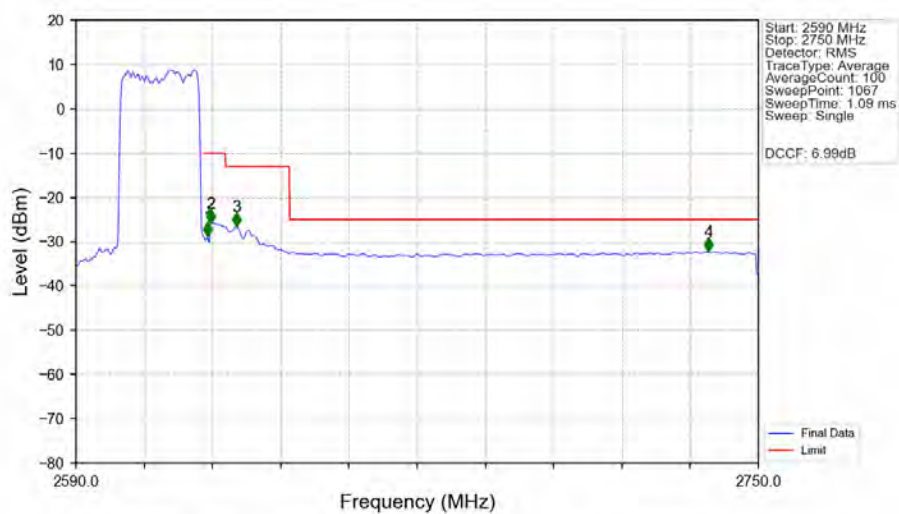
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.386     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.386     | CHP    | 1          | 2620.019   | -34.31      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.520   | -31.45      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2625.122   | -31.72      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2742.645   | -38.02      | -25         | Pass   |

n38 30kHz MIMO NTNV 20MHz DFT-s-OFDM QPSK 2610MHz Outer Full Ant2



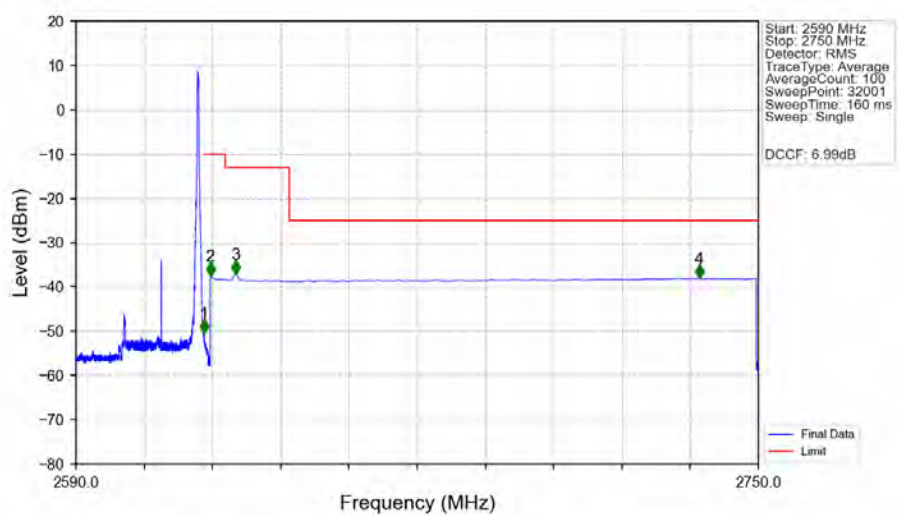
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.386     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.386     | CHP    | 1          | 2620.919   | -30.22      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.820   | -27.03      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2627.674   | -27.84      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2735.441   | -33.43      | -25         | Pass   |

## n38 30kHz MIMO NTV 20MHz DFT-s-OFDM QPSK 2610MHz Outer Full MIMO



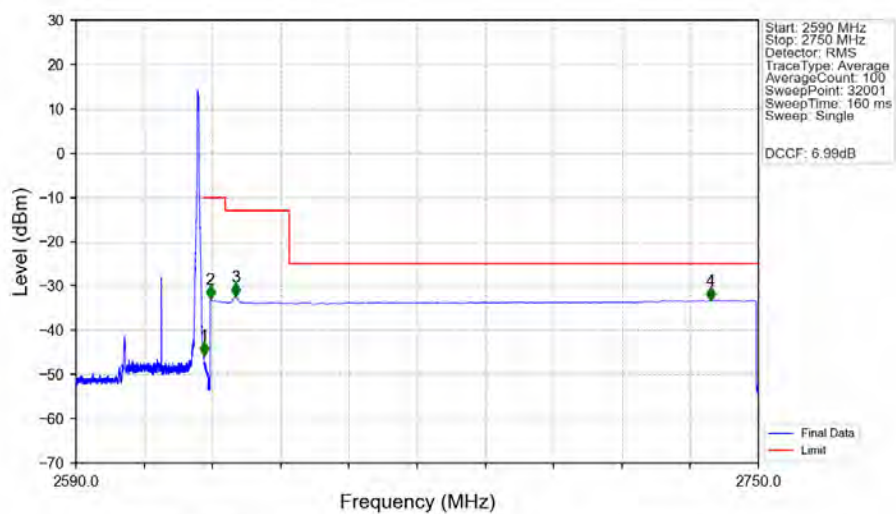
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.386     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.386     | CHP    | 1          | 2620.919   | -28.83      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.670   | -25.77      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2627.674   | -26.62      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2738.293   | -32.30      | -25         | Pass   |

## n38 30kHz MIMO NTV 20MHz DFT-s-OFDM QPSK 2610MHz Inner 1RB Right Ant1



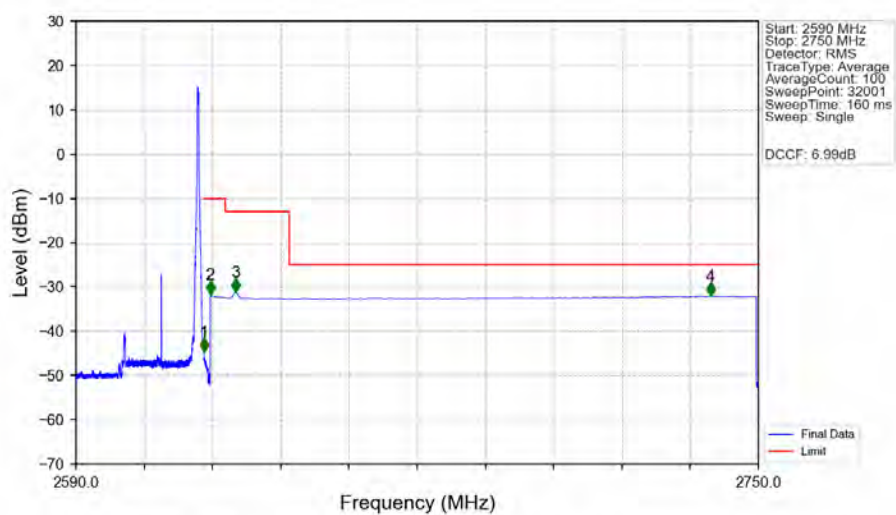
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.005   | -50.43      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -37.58      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2627.505   | -37.17      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2736.100   | -38.06      | -25         | Pass   |

## n38 30kHz MIMO NTNv 20MHz DFT-s-OFDM QPSK 2610MHz Inner 1RB Right Ant2



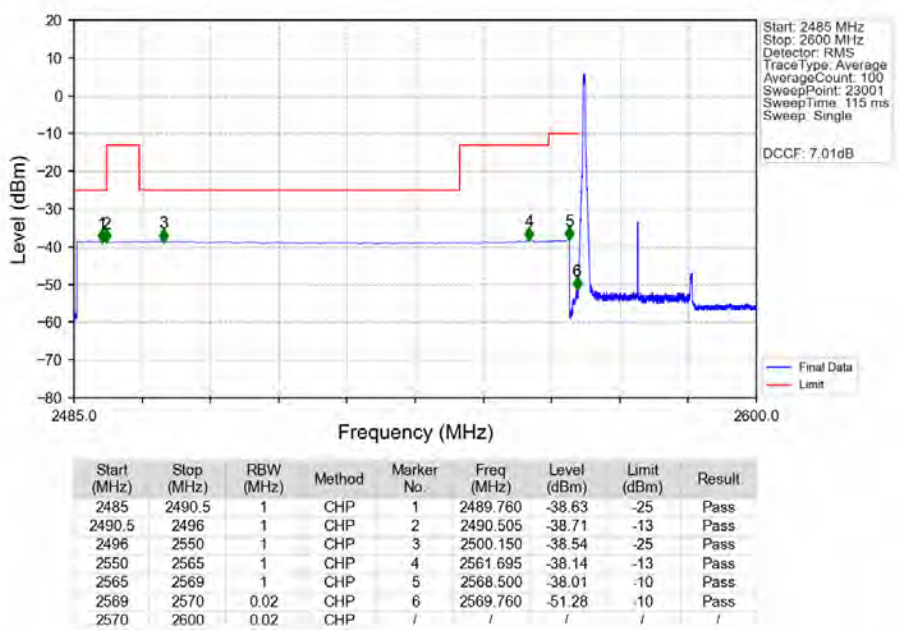
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.020   | -45.78      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -32.94      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2627.460   | -32.42      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2738.845   | -33.26      | -25         | Pass   |

## n38 30kHz MIMO NTNv 20MHz DFT-s-OFDM QPSK 2610MHz Inner 1RB Right MIMO

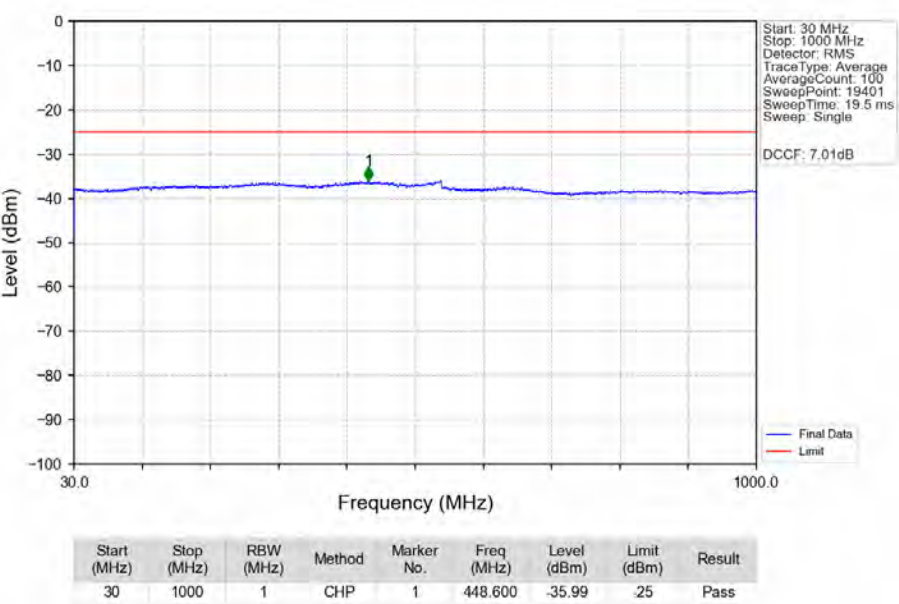


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.005   | -44.63      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -31.66      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2627.455   | -31.17      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2738.790   | -32.05      | -25         | Pass   |

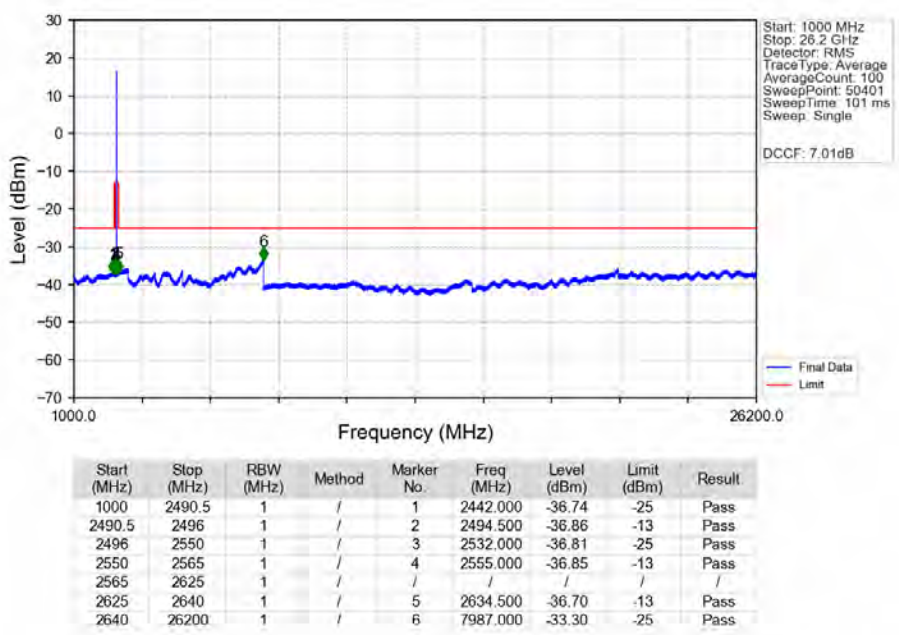
n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2580MHz Edge 1RB Left Ant1



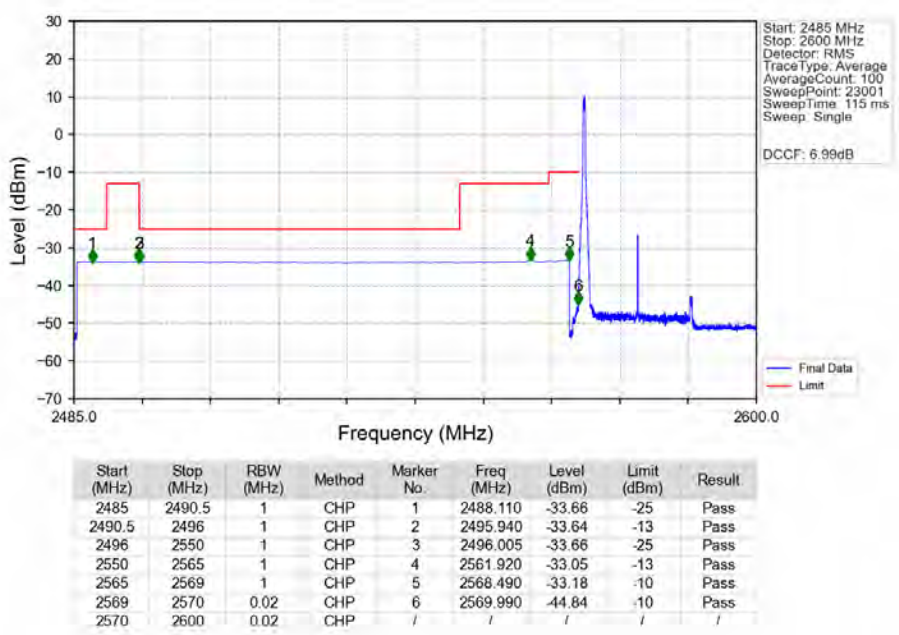
n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2580MHz Edge 1RB Left Ant1



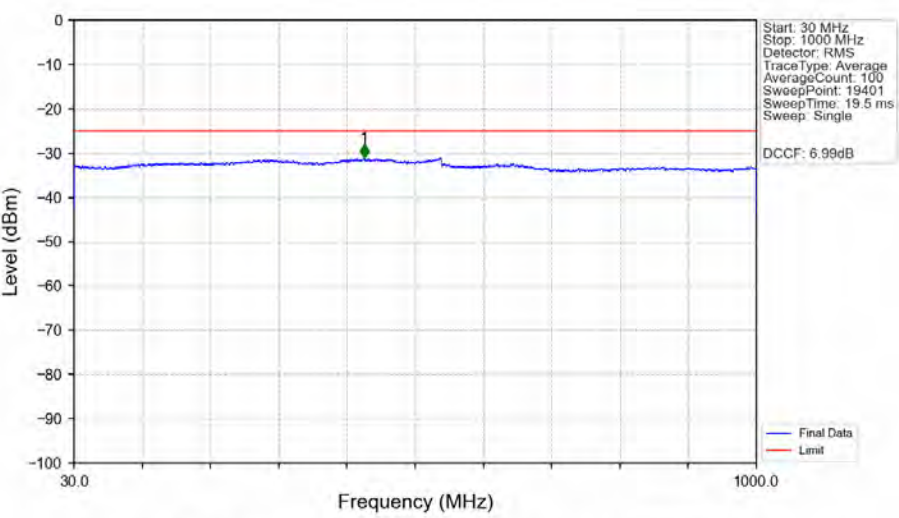
n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2580MHz Edge 1RB Left Ant1



n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2580MHz Edge 1RB Left Ant2

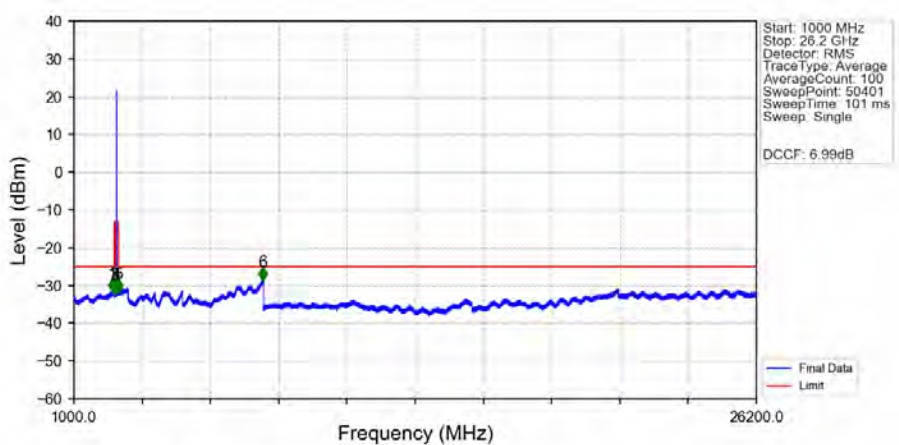


n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2580MHz Edge 1RB Left Ant2



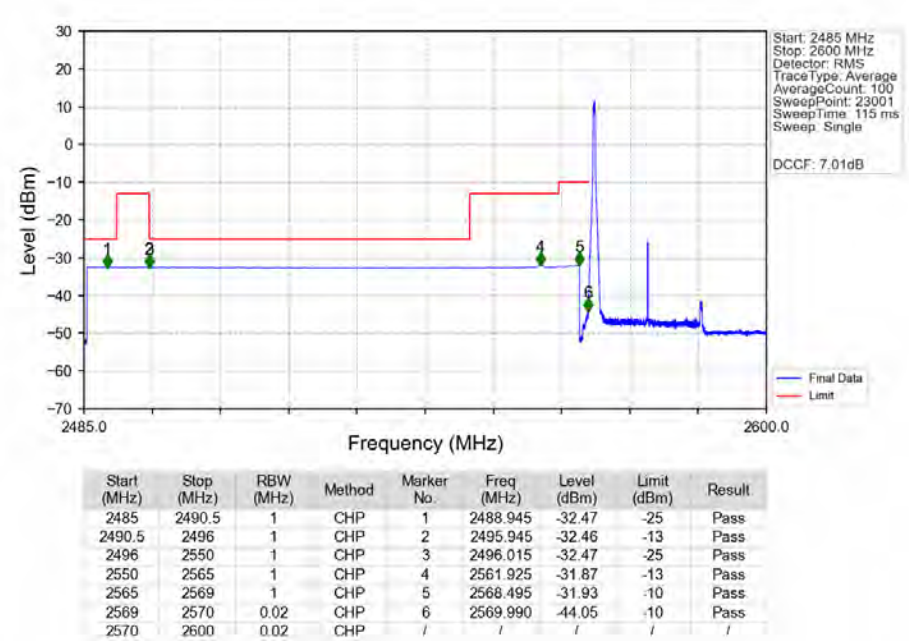
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 442.200    | -31.09      | 25          | Pass   |

n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2580MHz Edge 1RB Left Ant2

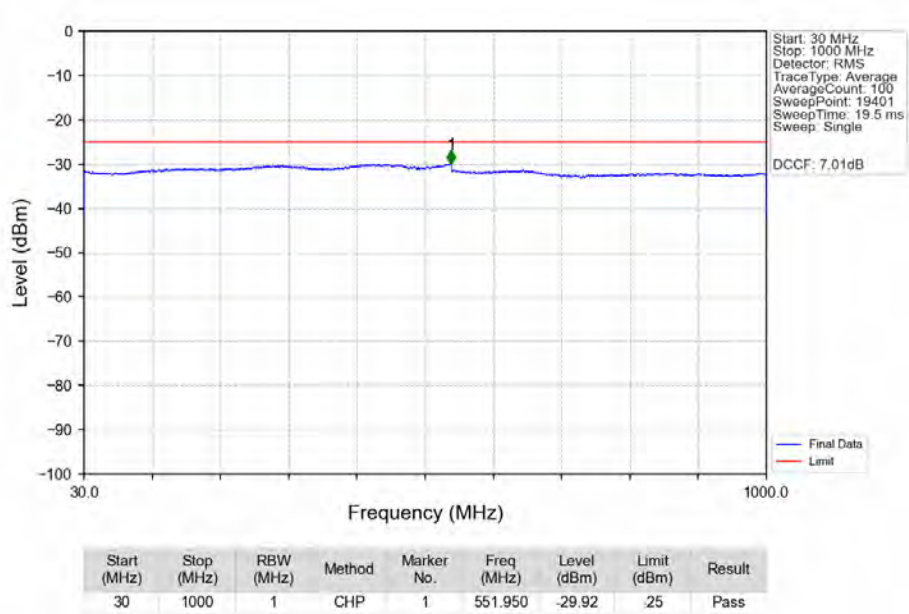


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2416.000   | -31.53      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2493.000   | -31.95      | -13         | Pass   |
| 2496        | 2550       | 1         | /      | 3          | 2504.000   | -31.94      | -25         | Pass   |
| 2550        | 2565       | 1         | /      | 4          | 2564.000   | -31.71      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2640       | 1         | /      | 5          | 2636.000   | -31.67      | -13         | Pass   |
| 2640        | 26200      | 1         | /      | 6          | 7984.500   | -28.56      | -25         | Pass   |

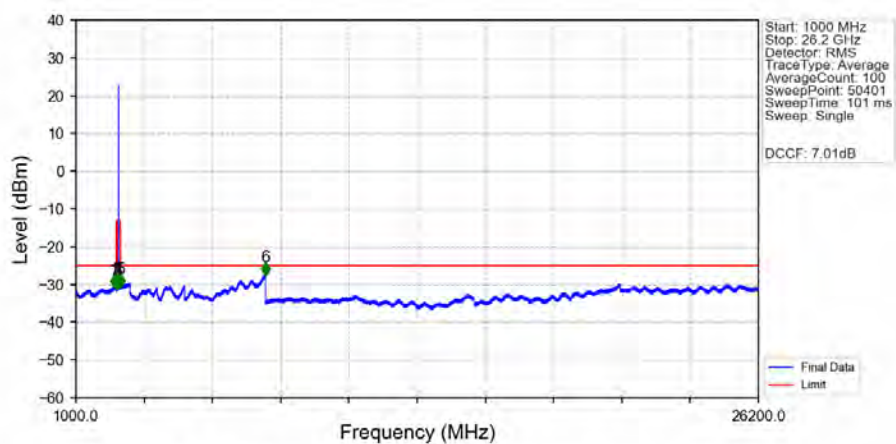
n38 30kHz MIMO NTNv 20MHz CP-OFDM QPSK 2580MHz Edge 1RB Left MIMO



n38 30kHz MIMO NTNv 20MHz CP-OFDM QPSK 2580MHz Edge 1RB Left MIMO

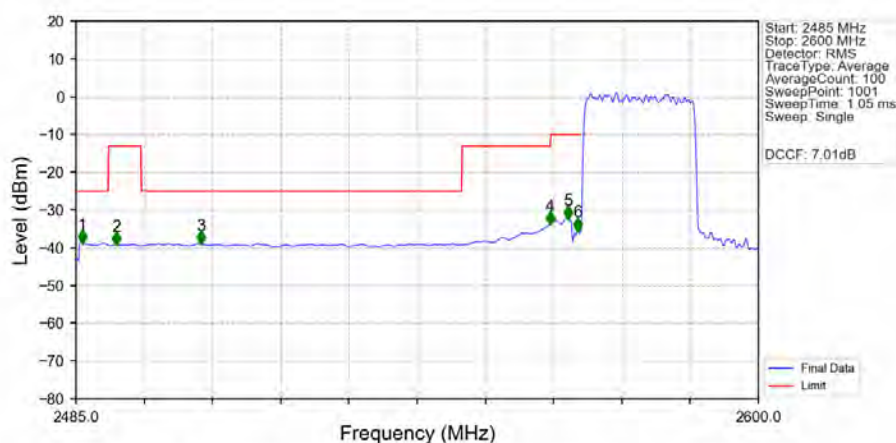


## n38 30kHz MIMO NTNv 20MHz CP-OFDM QPSK 2580MHz Edge 1RB Left MIMO



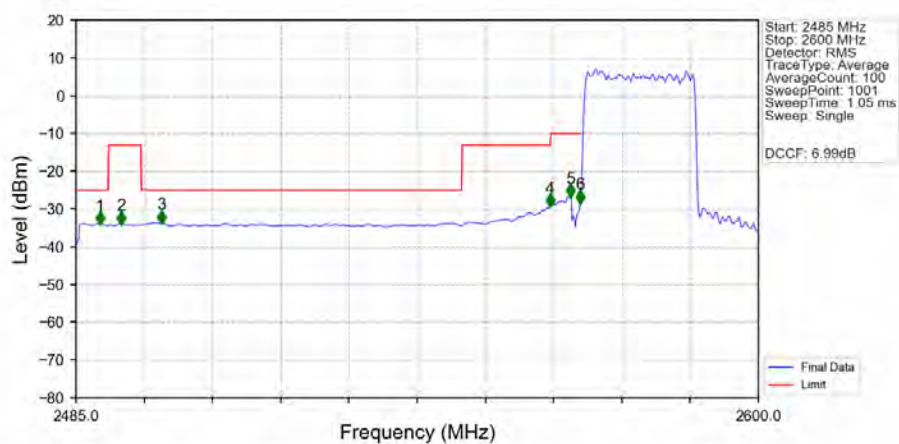
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2416.000   | -30.56      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2493.000   | -30.83      | -13         | Pass   |
| 2496        | 2550       | 1         | /      | 3          | 2525.000   | -30.80      | -25         | Pass   |
| 2550        | 2565       | 1         | /      | 4          | 2564.000   | -30.63      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2640       | 1         | /      | 5          | 2636.000   | -30.57      | -13         | Pass   |
| 2640        | 26200      | 1         | /      | 6          | 7999.500   | -27.38      | -25         | Pass   |

## n38 30kHz MIMO NTNv 20MHz CP-OFDM QPSK 2580MHz Outer Full Ant1



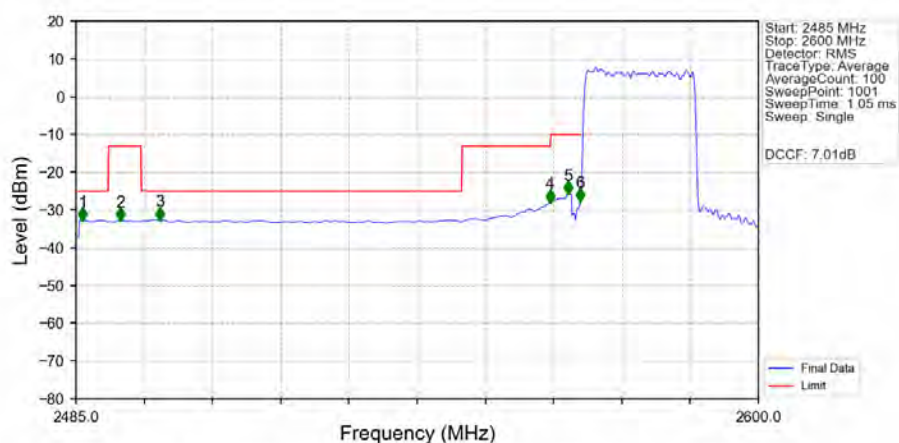
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2486.035   | -38.70      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2491.785   | -39.04      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2506.045   | -38.85      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2564.925   | -33.70      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2567.915   | -32.21      | -10         | Pass   |
| 2569        | 2570       | 0.391     | CHP    | 6          | 2569.525   | -35.38      | -10         | Pass   |
| 2570        | 2600       | 0.391     | CHP    | /          | /          | /           | /           | /      |

## n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2580MHz Outer Full Ant2



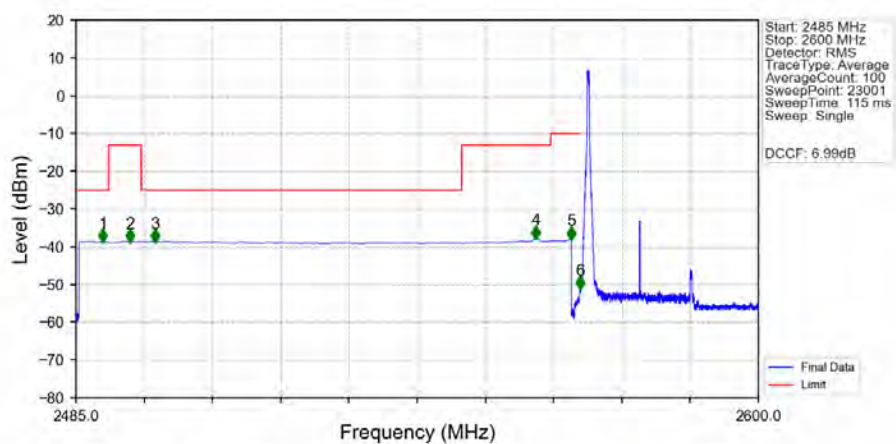
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2489.025   | -33.92      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.590   | -33.83      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2499.375   | -33.66      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2564.925   | -29.21      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.260   | -26.71      | -10         | Pass   |
| 2569        | 2570       | 0.391     | CHP    | 6          | 2569.985   | -28.30      | -10         | Pass   |
| 2570        | 2600       | 0.391     | CHP    | /          | /          | /           | /           | /      |

## n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2580MHz Outer Full MIMO



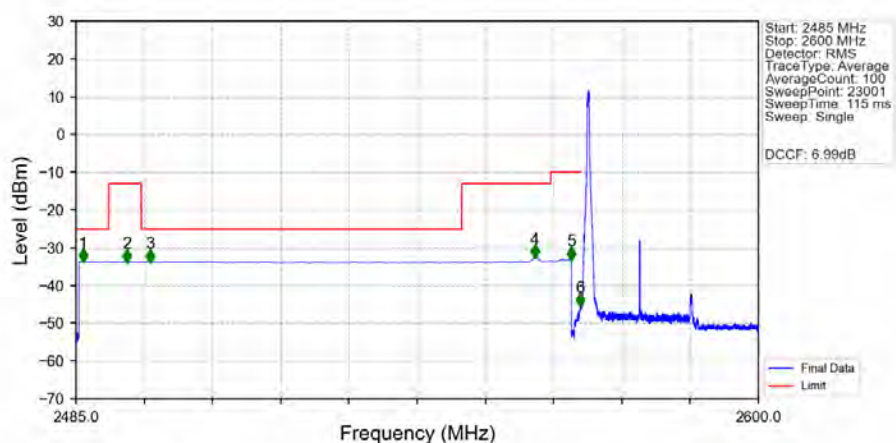
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2486.150   | -32.71      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.475   | -32.73      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2499.145   | -32.55      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2564.925   | -27.87      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2567.915   | -25.67      | -10         | Pass   |
| 2569        | 2570       | 0.391     | CHP    | 6          | 2569.985   | -27.61      | -10         | Pass   |
| 2570        | 2600       | 0.391     | CHP    | /          | /          | /           | /           | /      |

## n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2580MHz Inner 1RB Left Ant1



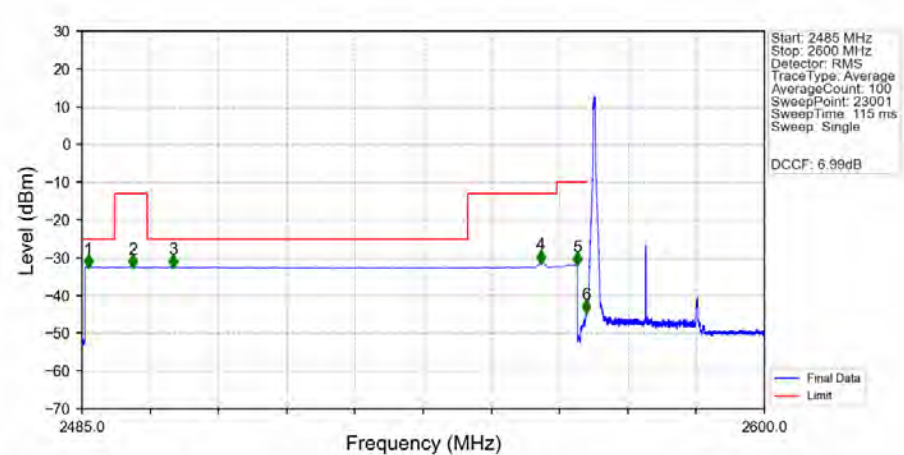
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2489.520   | -38.67      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2494.160   | -38.65      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2498.320   | -38.61      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2562.525   | -37.73      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.435   | -37.91      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.975   | -51.03      | -10         | Pass   |
| 2570        | 2600       | 0.02      | CHP    | /          | /          | /           | /           | /      |

## n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2580MHz Inner 1RB Left Ant2



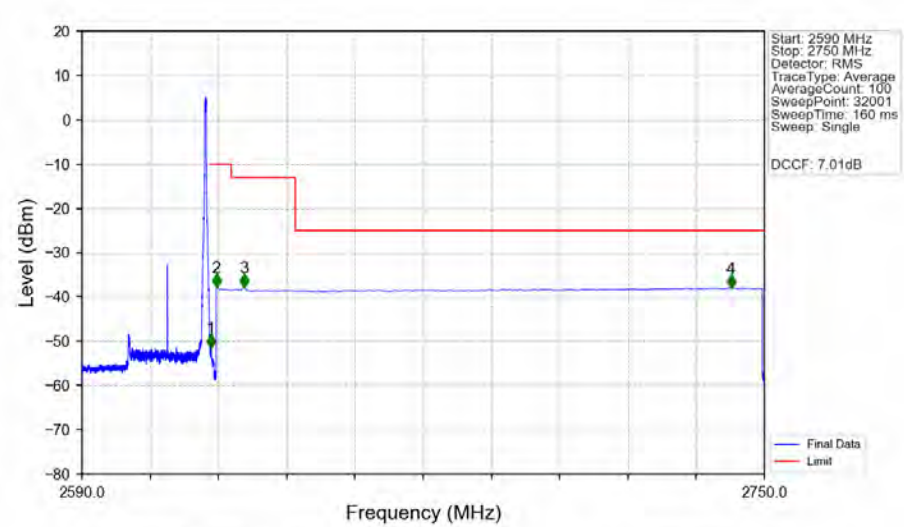
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2486.195   | -33.64      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2493.620   | -33.68      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2497.530   | -33.66      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2562.300   | -32.46      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.460   | -33.05      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.995   | -45.40      | -10         | Pass   |
| 2570        | 2600       | 0.02      | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNv 20MHz CP-OFDM QPSK 2580MHz Inner 1RB Left MIMO



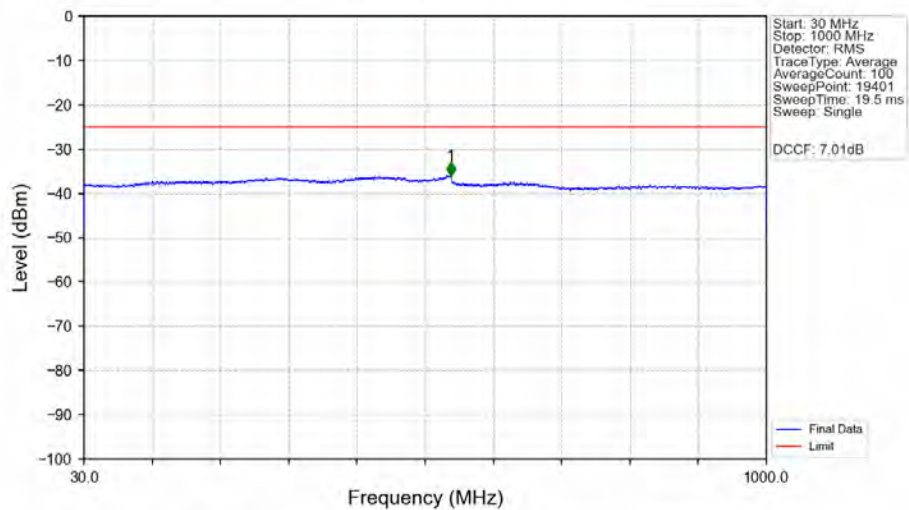
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2486.025   | -32.48      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2493.550   | -32.50      | -13         | Pass   |
| 2496        | 2550       | 1         | CHP    | 3          | 2500.330   | -32.48      | -25         | Pass   |
| 2550        | 2565       | 1         | CHP    | 4          | 2562.325   | -31.35      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.450   | -31.83      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.990   | -44.53      | -10         | Pass   |
| 2570        | 2600       | 0.02      | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNv 20MHz CP-OFDM QPSK 2610MHz Edge 1RB Right Ant1



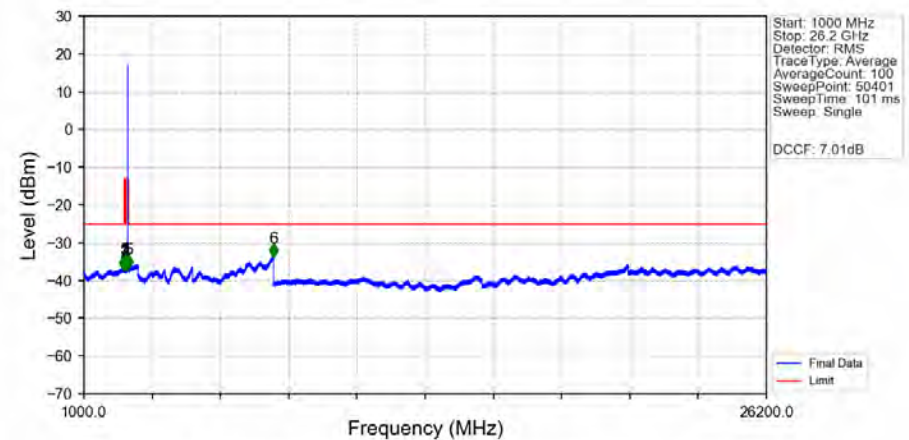
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.215   | -51.60      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -37.87      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2628.015   | -37.94      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2742.190   | -37.99      | -25         | Pass   |

n38 30kHz MIMO NTNv 20MHz CP-OFDM QPSK 2610MHz Edge 1RB Right Ant1



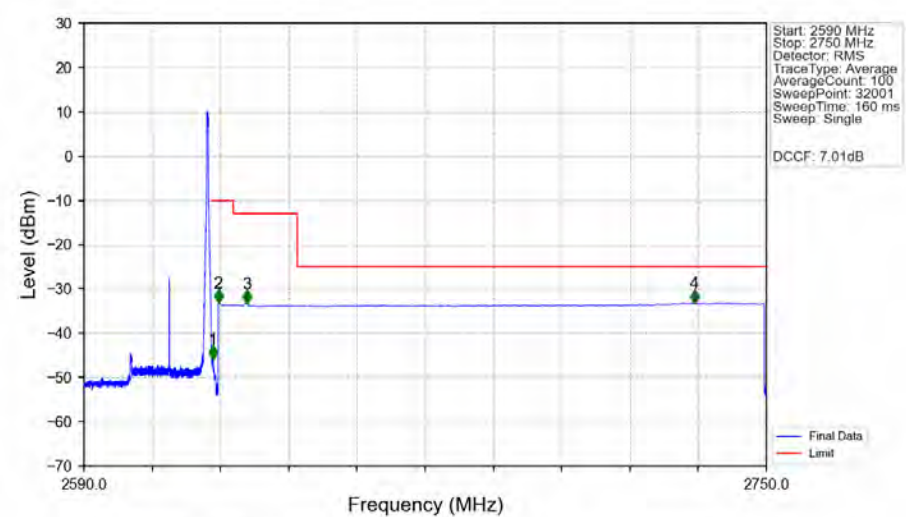
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 551.400    | -35.98      | -25         | Pass   |

n38 30kHz MIMO NTNv 20MHz CP-OFDM QPSK 2610MHz Edge 1RB Right Ant1



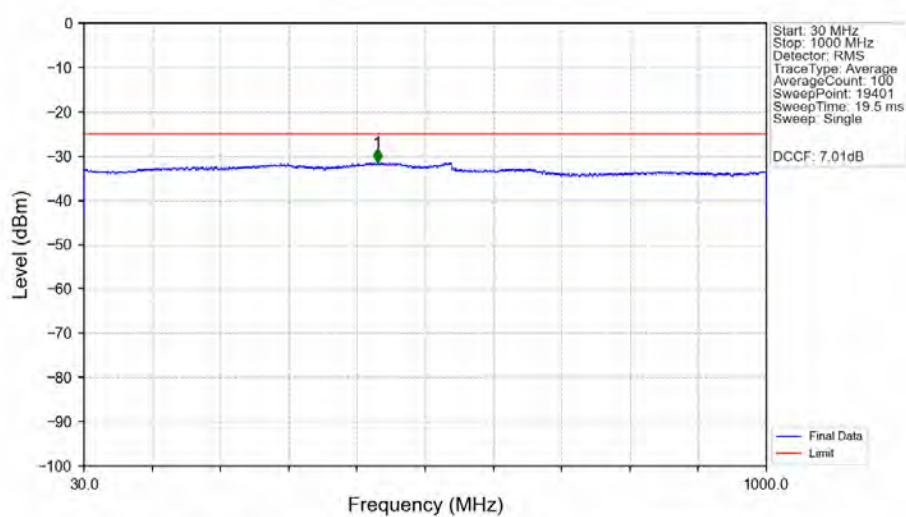
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2462.000   | -36.78      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2491.000   | -37.17      | -13         | Pass   |
| 2496        | 2550       | 1         | /      | 3          | 2499.000   | -36.63      | -25         | Pass   |
| 2550        | 2565       | 1         | /      | 4          | 2564.000   | -37.01      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2640       | 1         | /      | 5          | 2625.500   | -36.62      | -13         | Pass   |
| 2640        | 26200      | 1         | /      | 6          | 7991.000   | -33.55      | -25         | Pass   |

n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2610MHz Edge 1RB Right Ant2



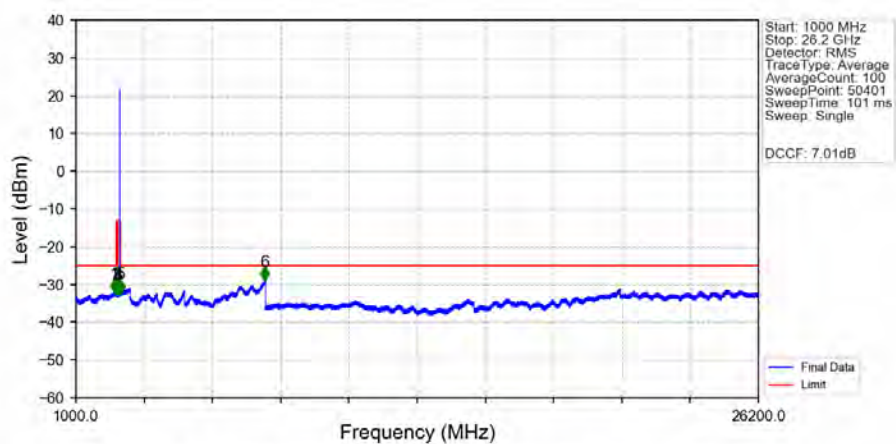
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.220   | -45.82      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -33.14      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2628.155   | -33.32      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2733.115   | -33.24      | -25         | Pass   |

n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2610MHz Edge 1RB Right Ant2

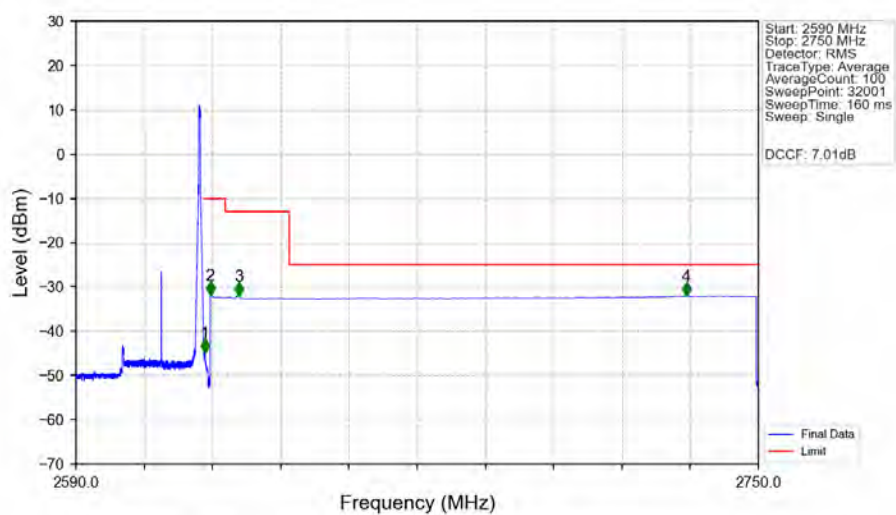


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 447.050    | -31.42      | -25         | Pass   |

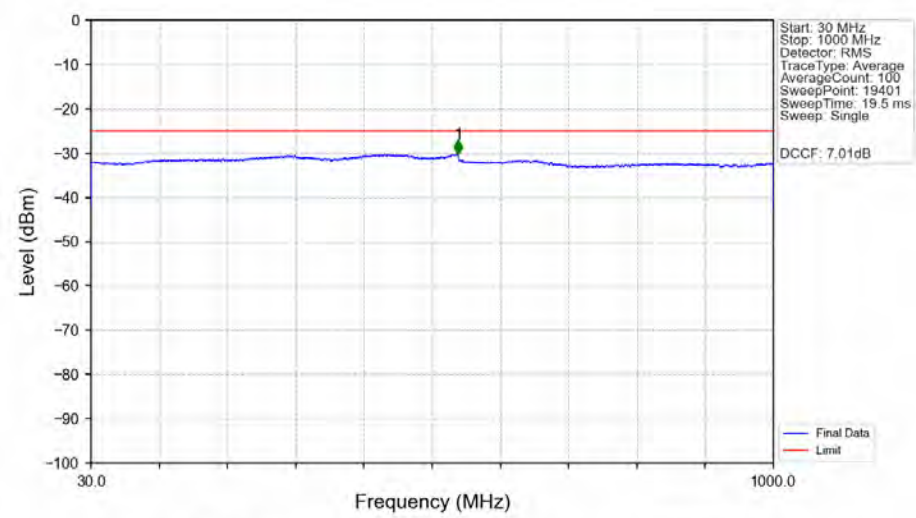
## n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2610MHz Edge 1RB Right Ant2



## n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2610MHz Edge 1RB Right MIMO

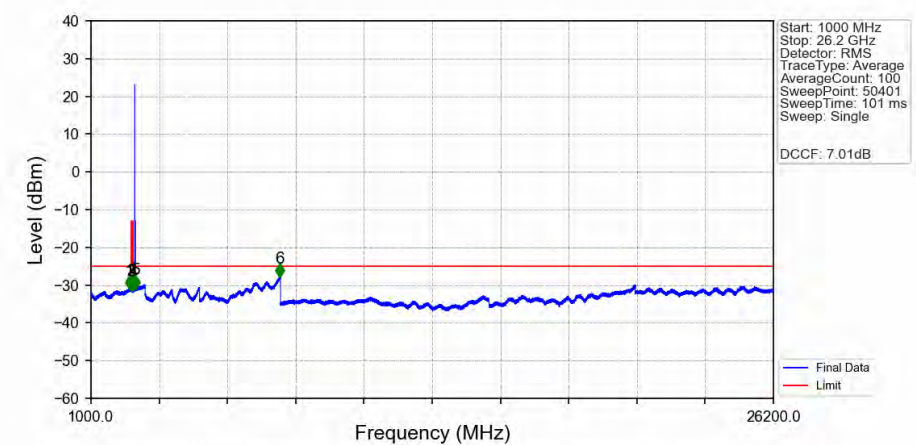


n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2610MHz Edge 1RB Right MIMO



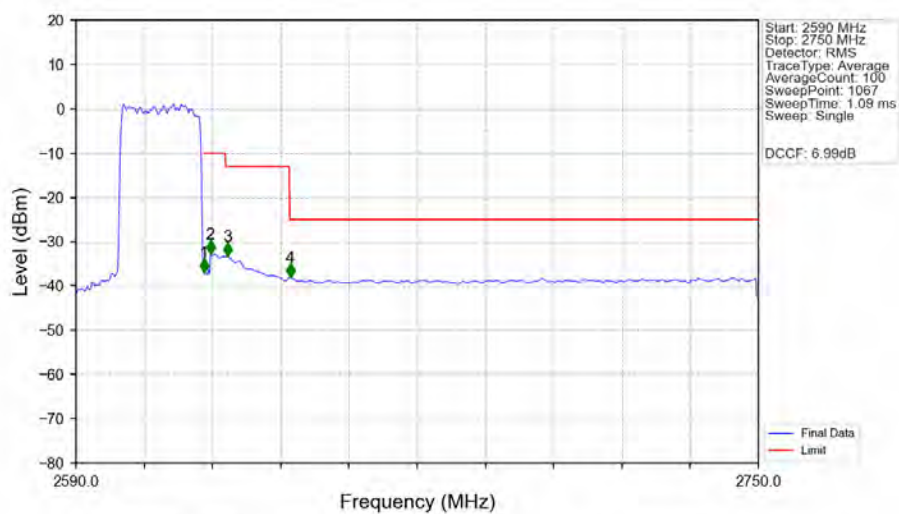
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 551.900    | -30.15      | 25          | Pass   |

n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2610MHz Edge 1RB Right MIMO



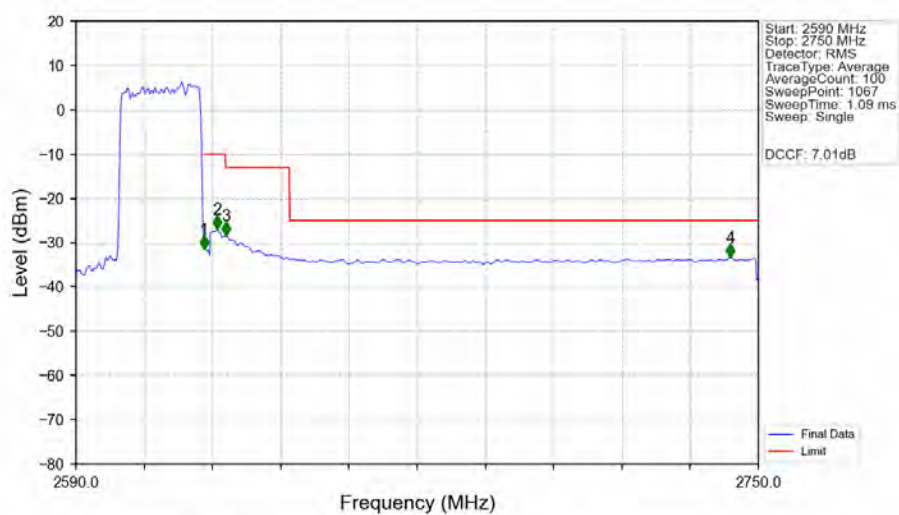
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2419.000   | -30.77      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2491.500   | -30.94      | -13         | Pass   |
| 2496        | 2550       | 1         | /      | 3          | 2497.000   | -31.13      | -25         | Pass   |
| 2550        | 2565       | 1         | /      | 4          | 2555.500   | -31.03      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2640       | 1         | /      | 5          | 2628.000   | -30.75      | -13         | Pass   |
| 2640        | 26200      | 1         | /      | 6          | 7974.500   | -27.63      | -25         | Pass   |

## n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2610MHz Outer Full Ant1



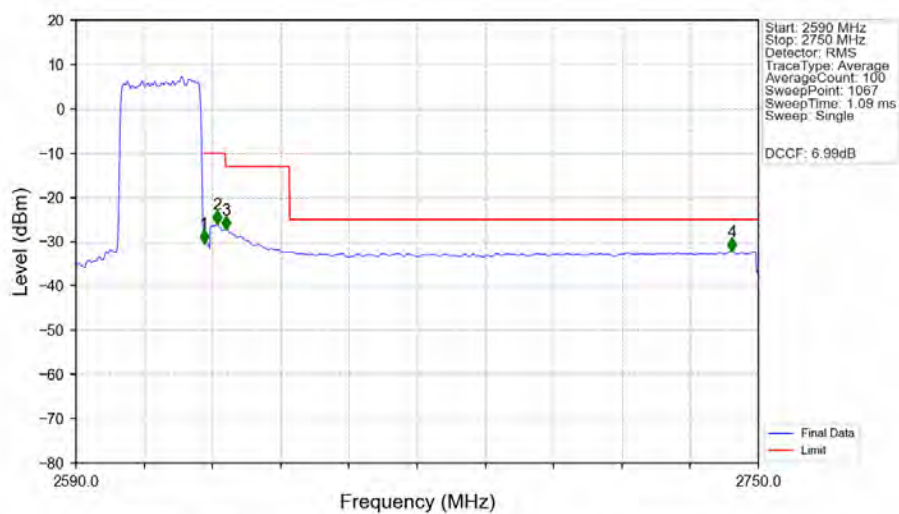
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.39      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.39      | CHP    | 1          | 2620.019   | -36.99      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.520   | -32.85      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2625.572   | -33.25      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2640.281   | -38.07      | -25         | Pass   |

## n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2610MHz Outer Full Ant2



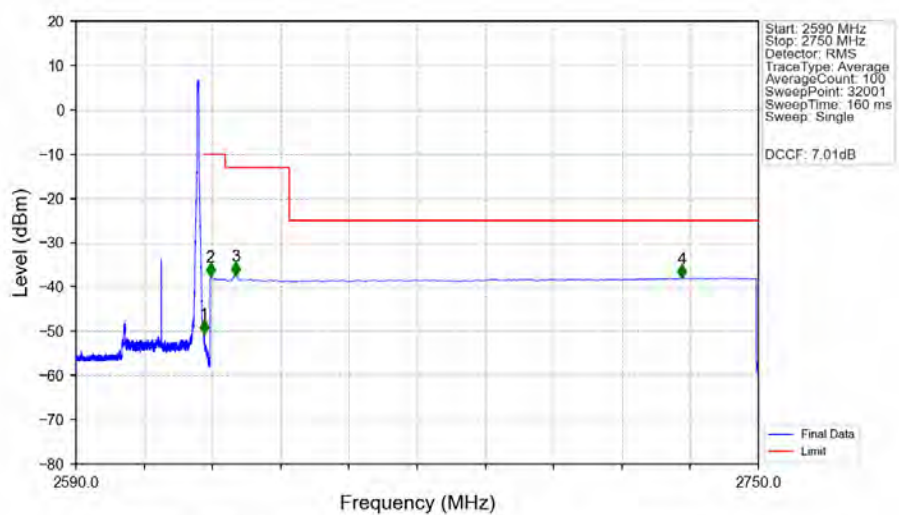
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.39      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.39      | CHP    | 1          | 2620.019   | -31.48      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2623.171   | -26.95      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2625.122   | -28.40      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2743.396   | -33.36      | -25         | Pass   |

## n38 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 2610MHz Outer Full MIMO



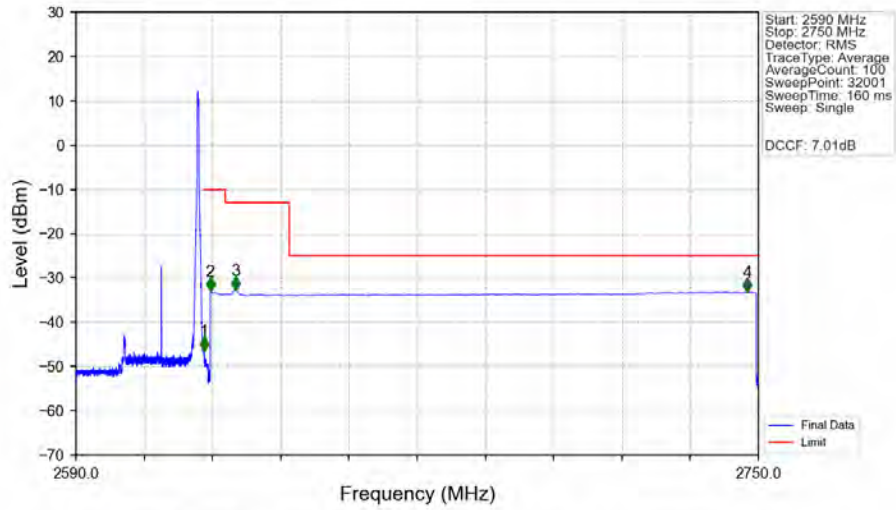
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.39      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.39      | CHP    | 1          | 2620.019   | -30.42      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2623.171   | -26.04      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2625.122   | -27.23      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2743.846   | -32.18      | -25         | Pass   |

## n38 30kHz MIMO NTNV 20MHz CP-OFDM QPSK 2610MHz Inner 1RB Right Ant1

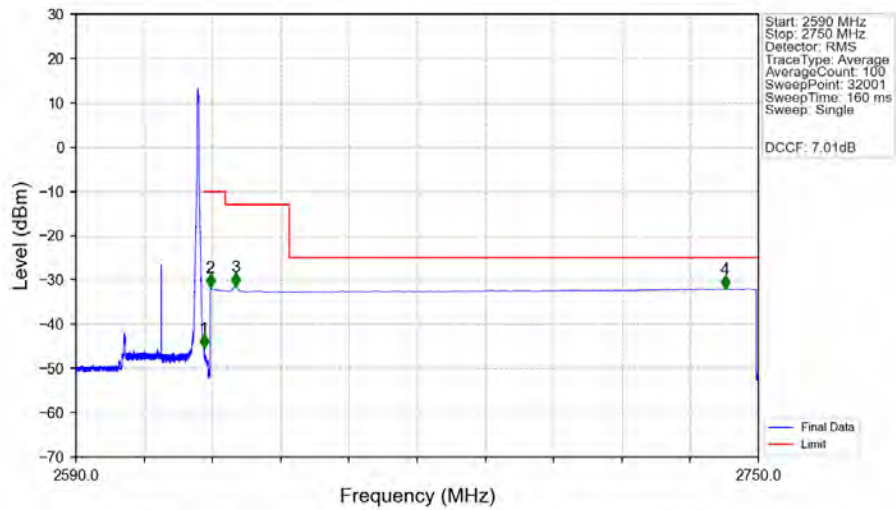


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2590        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.035   | -50.57      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -37.70      | -10         | Pass   |
| 2625        | 2640       | 1         | CHP    | 3          | 2627.465   | -37.47      | -13         | Pass   |
| 2640        | 2750       | 1         | CHP    | 4          | 2732.070   | -38.01      | -25         | Pass   |

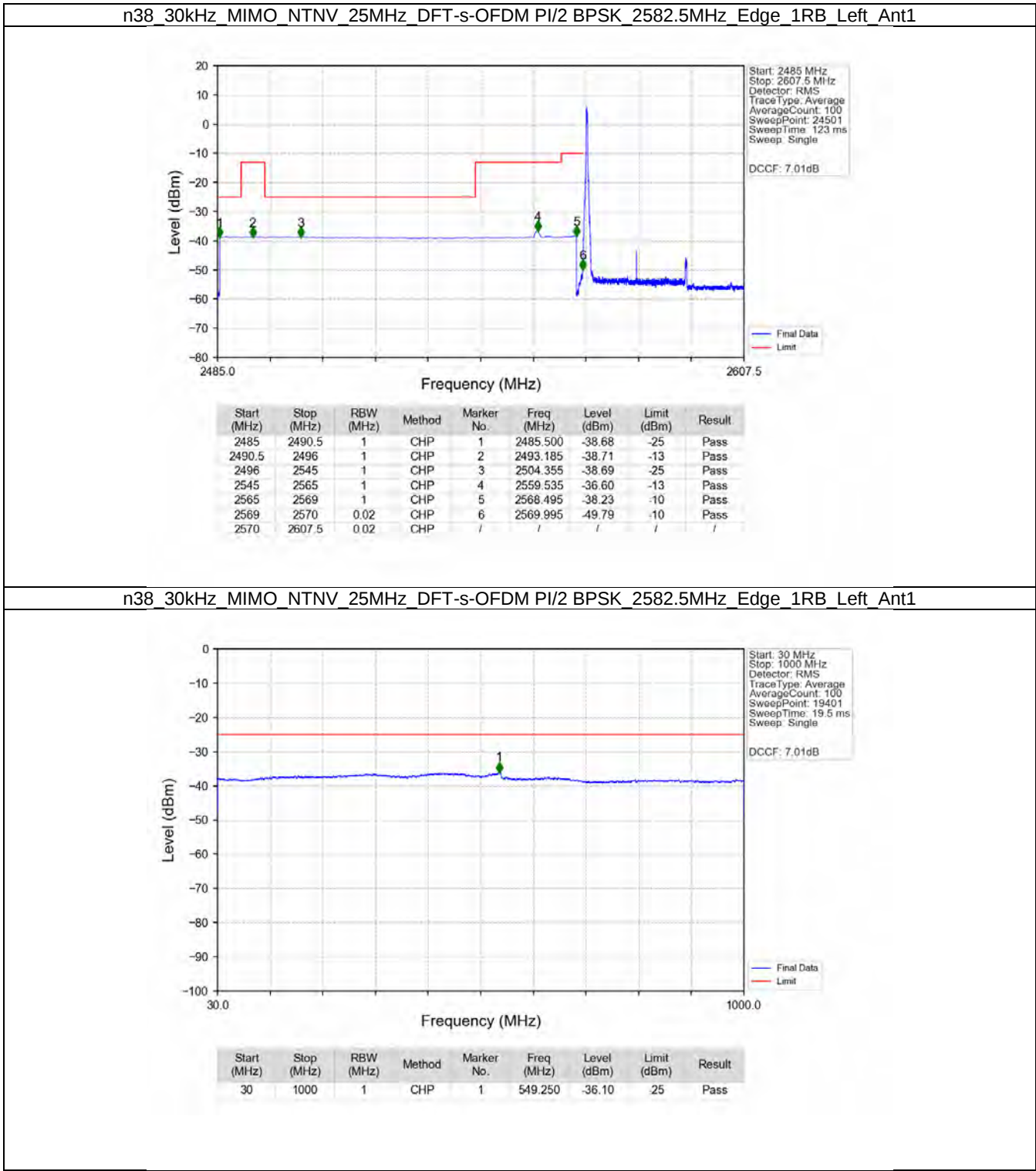
## n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2610MHz Inner 1RB Right Ant2



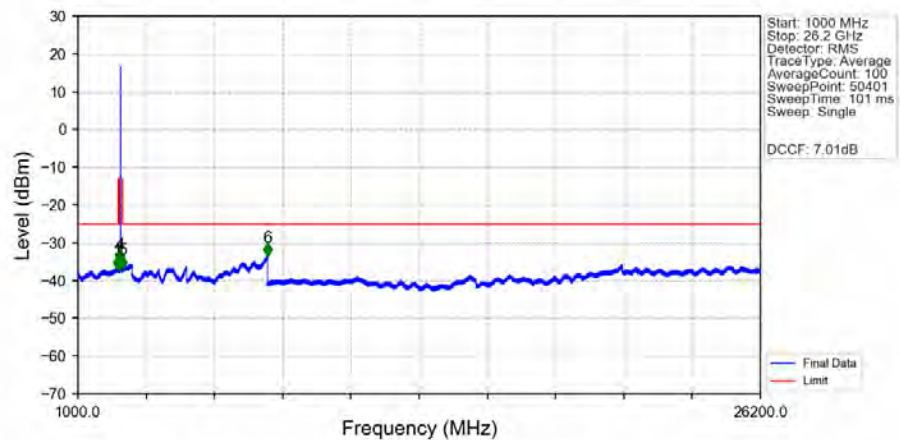
## n38 30kHz MIMO NTN 20MHz CP-OFDM QPSK 2610MHz Inner 1RB Right MIMO



5.2.10 30k\_MIMO\_25MHz\_NTNV

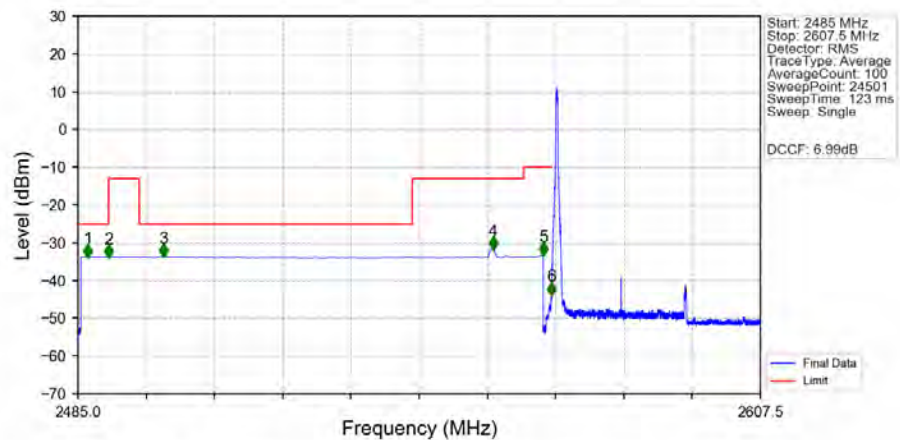


n38 30kHz MIMO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Edge 1RB Left Ant1



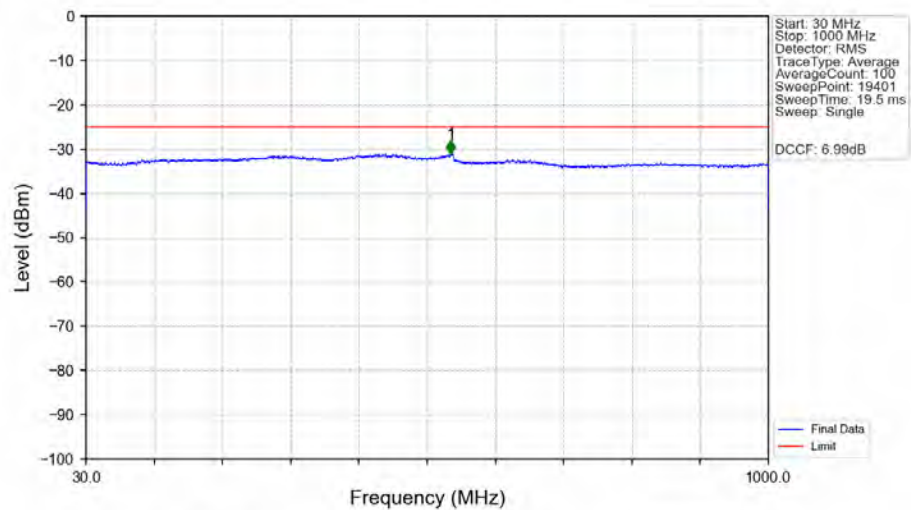
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2460.500   | -36.65      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2494.000   | -36.96      | -13         | Pass   |
| 2496        | 2545       | 1         | /      | 3          | 2498.500   | -37.03      | -25         | Pass   |
| 2545        | 2565       | 1         | /      | 4          | 2559.000   | -35.15      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2645       | 1         | /      | 5          | 2638.000   | -36.65      | -13         | Pass   |
| 2645        | 26200      | 1         | /      | 6          | 7998.000   | -33.33      | -25         | Pass   |

n38 30kHz MIMO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Edge 1RB Left Ant2



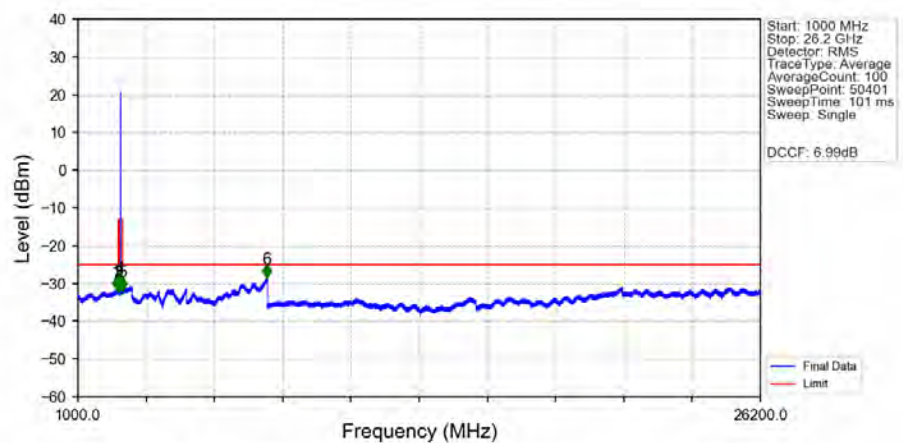
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2486.785   | -33.70      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2490.515   | -33.74      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2500.380   | -33.61      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2559.565   | -31.64      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.490   | -33.20      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.995   | -43.76      | -10         | Pass   |
| 2570        | 2607.5     | 0.02      | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Edge 1RB Left Ant2



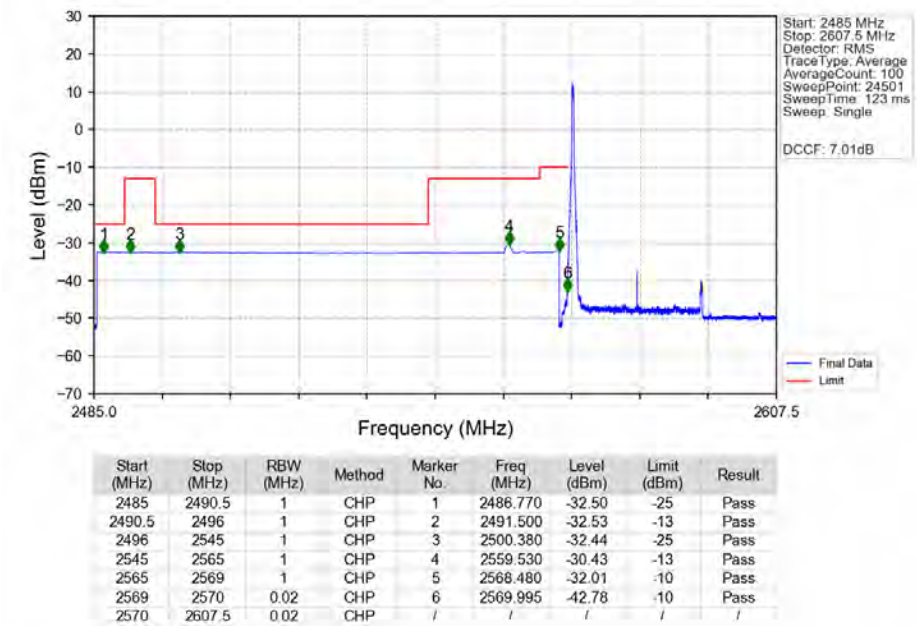
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 548.350    | -31.03      | -25         | Pass   |

n38 30kHz MIMO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Edge 1RB Left Ant2

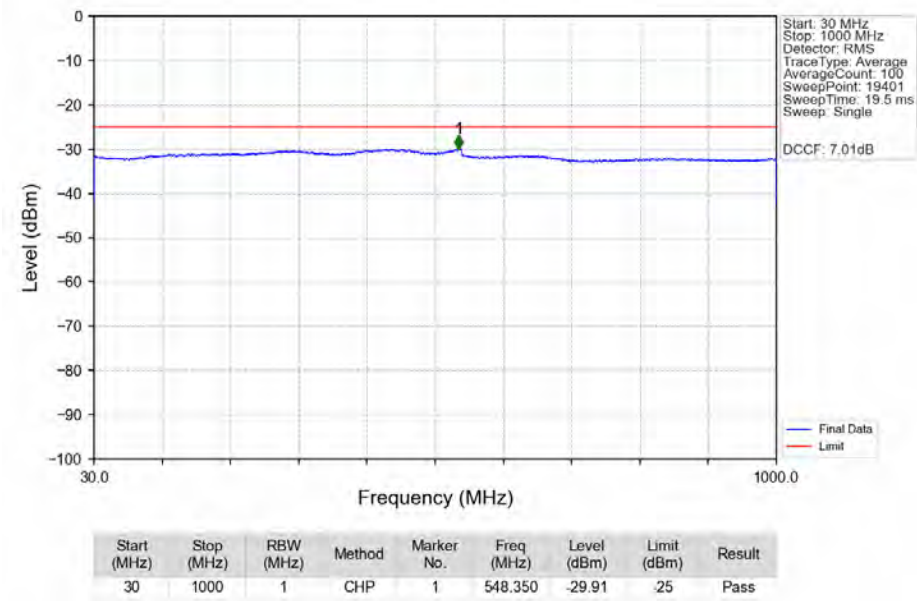


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2417.000   | -31.52      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2491.000   | -31.93      | -13         | Pass   |
| 2496        | 2545       | 1         | /      | 3          | 2499.000   | -31.83      | -25         | Pass   |
| 2545        | 2565       | 1         | /      | 4          | 2559.500   | -30.62      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2645       | 1         | /      | 5          | 2639.000   | -31.63      | -13         | Pass   |
| 2645        | 26200      | 1         | /      | 6          | 7979.500   | -28.34      | -25         | Pass   |

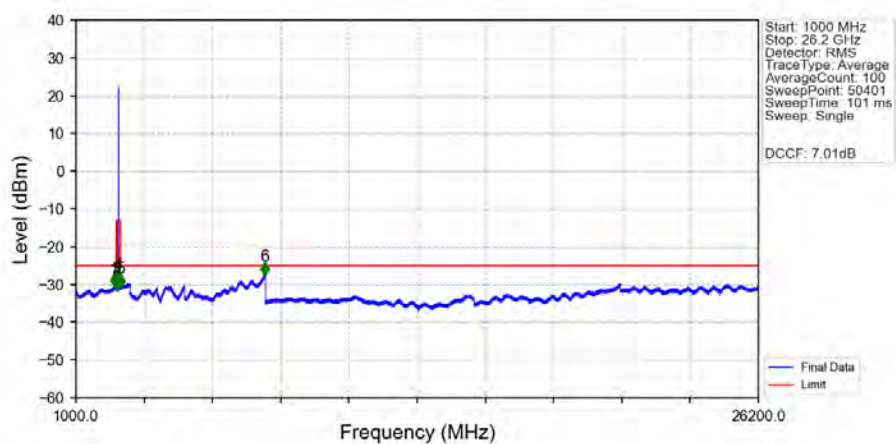
n38 30kHz MIMO NTV 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Edge 1RB Left MIMO



n38 30kHz MIMO NTV 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Edge 1RB Left MIMO

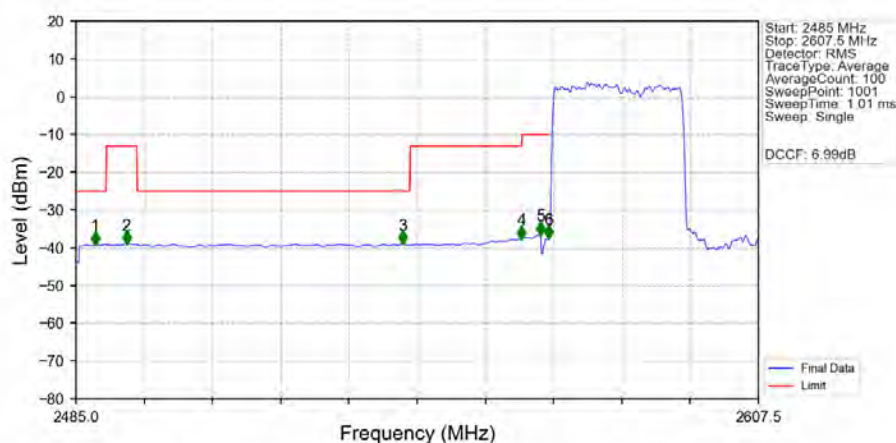


## n38 30kHz MIMO NTV 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Edge 1RB Left MIMO



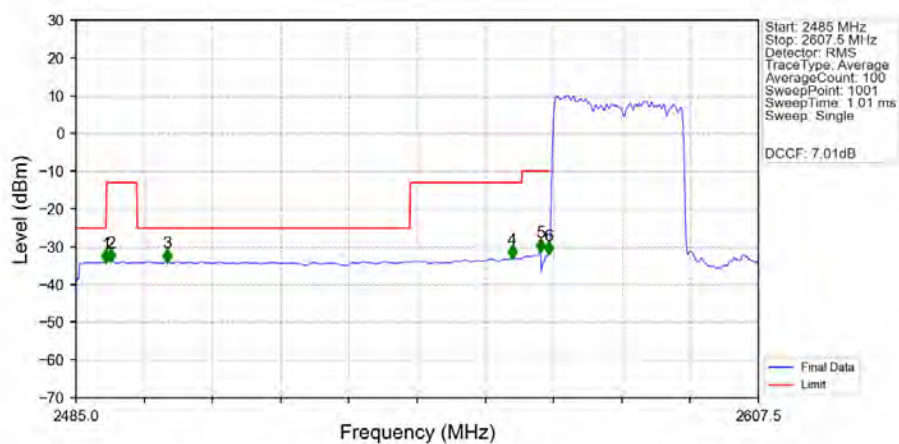
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2417.000   | -30.43      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2492.500   | -30.82      | -13         | Pass   |
| 2496        | 2545       | 1         | /      | 3          | 2497.000   | -30.71      | -25         | Pass   |
| 2545        | 2565       | 1         | /      | 4          | 2559.500   | -29.55      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2645       | 1         | /      | 5          | 2639.000   | -30.55      | -13         | Pass   |
| 2645        | 26200      | 1         | /      | 6          | 2799.500   | -27.30      | -25         | Pass   |

## n38 30kHz MIMO NTV 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Outer Full Ant1



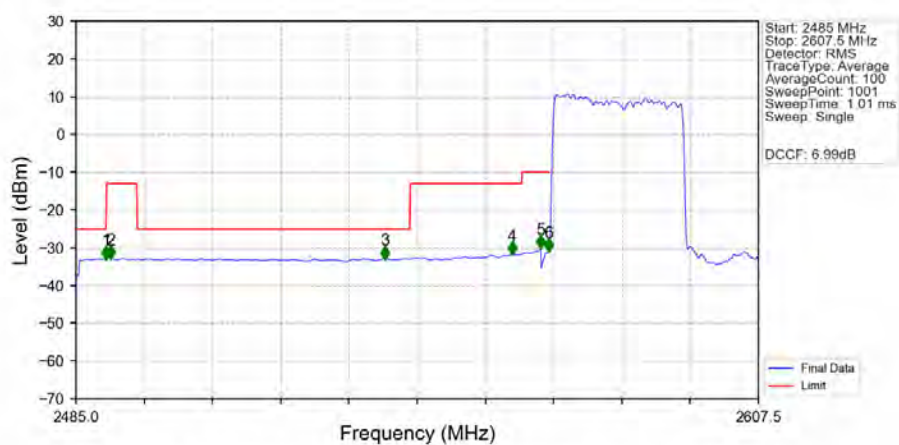
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2488.430   | -39.00      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2494.065   | -38.81      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2543.677   | -38.88      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2564.992   | -37.46      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.423   | -36.44      | -10         | Pass   |
| 2569        | 2570       | 0.487     | CHP    | 6          | 2569.892   | -37.34      | -10         | Pass   |
| 2570        | 2607.5     | 0.487     | CHP    | /          | /          | /           | /           | /      |

## n38 30kHz MIMO NTNv 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Outer Full Ant2



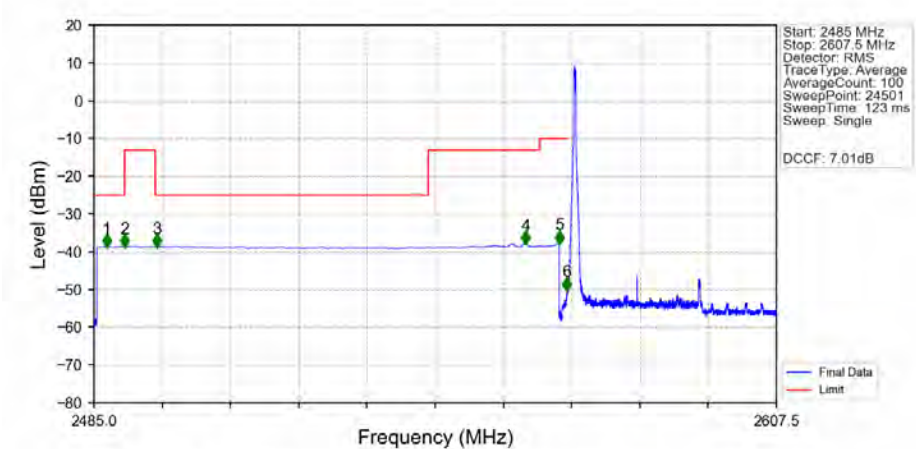
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.390   | -33.99      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2491.247   | -33.74      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2501.415   | -33.91      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2563.278   | -32.90      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.423   | -31.10      | -10         | Pass   |
| 2569        | 2570       | 0.487     | CHP    | 6          | 2569.892   | -31.86      | -10         | Pass   |
| 2570        | 2607.5     | 0.487     | CHP    | /          | /          | /           | /           | /      |

## n38 30kHz MIMO NTNv 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Outer Full MIMO



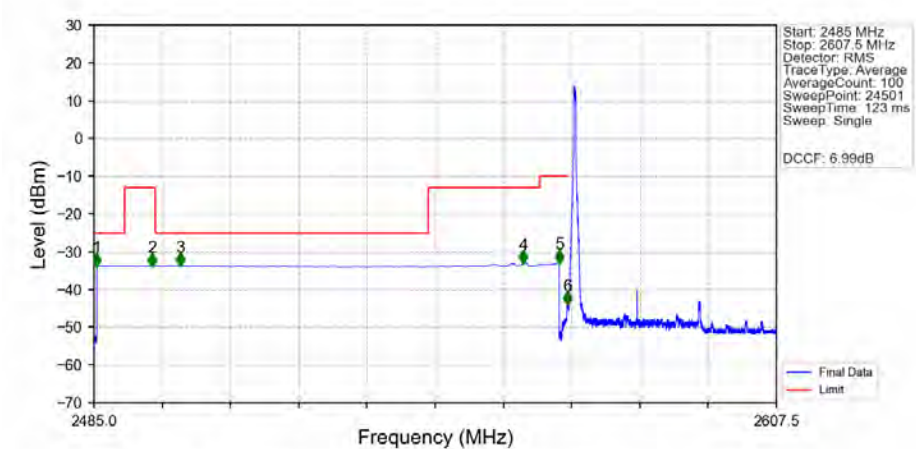
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.390   | -32.83      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2491.247   | -32.69      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2540.492   | -32.86      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2563.278   | -31.70      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.423   | -30.00      | -10         | Pass   |
| 2569        | 2570       | 0.487     | CHP    | 6          | 2569.892   | -30.79      | -10         | Pass   |
| 2570        | 2607.5     | 0.487     | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Inner 1RB Left Ant1



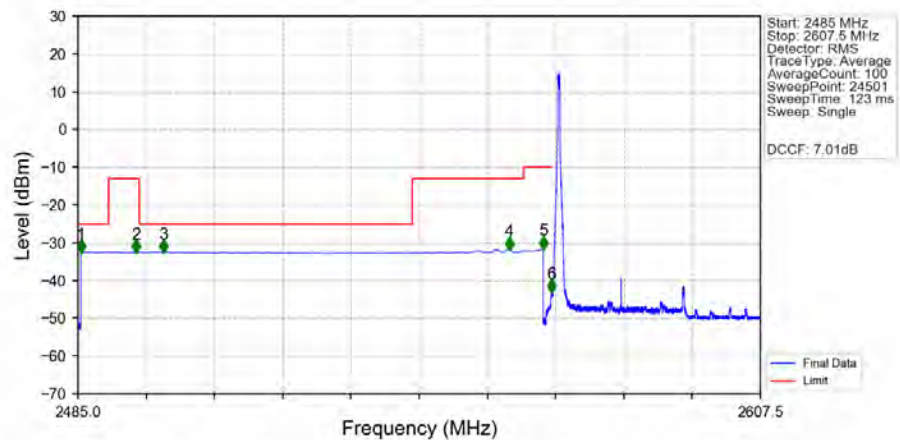
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2487.290   | -38.63      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2490.510   | -38.70      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2496.355   | -38.67      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2562.530   | -37.81      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.485   | -37.70      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.915   | -50.07      | -10         | Pass   |
| 2570        | 2607.5     | 0.02      | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Inner 1RB Left Ant2



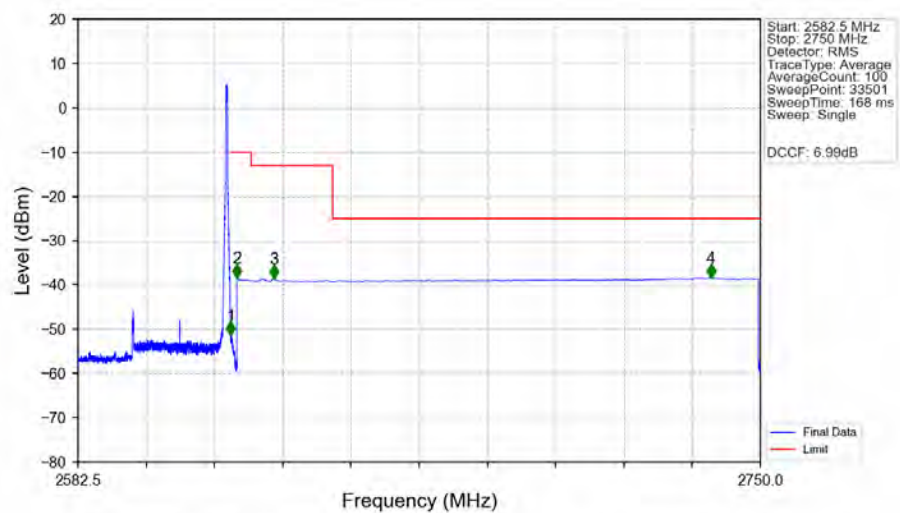
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2485.505   | -33.66      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.420   | -33.68      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2500.445   | -33.65      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2562.055   | -32.95      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.500   | -32.80      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.975   | -43.77      | -10         | Pass   |
| 2570        | 2607.5     | 0.02      | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTV 25MHz DFT-s-OFDM PI/2 BPSK 2582.5MHz Inner 1RB Left MIMO



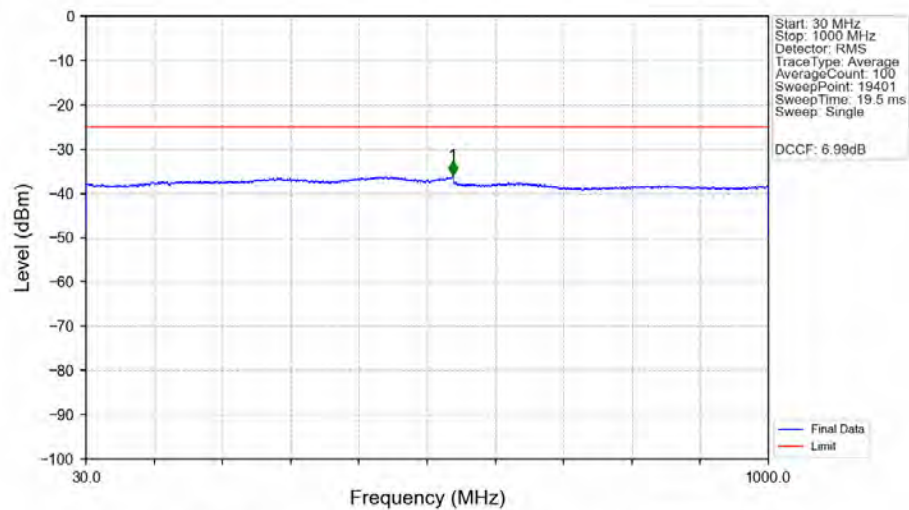
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2485.510   | -32.47      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.405   | -32.49      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2500.390   | -32.46      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2562.465   | -31.73      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.495   | -31.57      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.975   | -42.94      | -10         | Pass   |
| 2570        | 2607.5     | 0.02      | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTV 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Edge 1RB Right Ant1



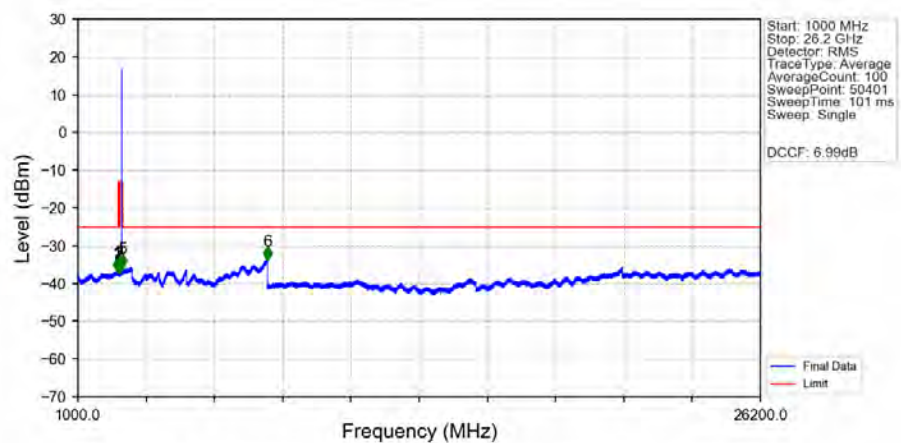
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.005   | -51.30      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -38.41      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2630.545   | -38.56      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2737.905   | -38.47      | -25         | Pass   |

n38 30kHz MIMO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Edge 1RB Right Ant1



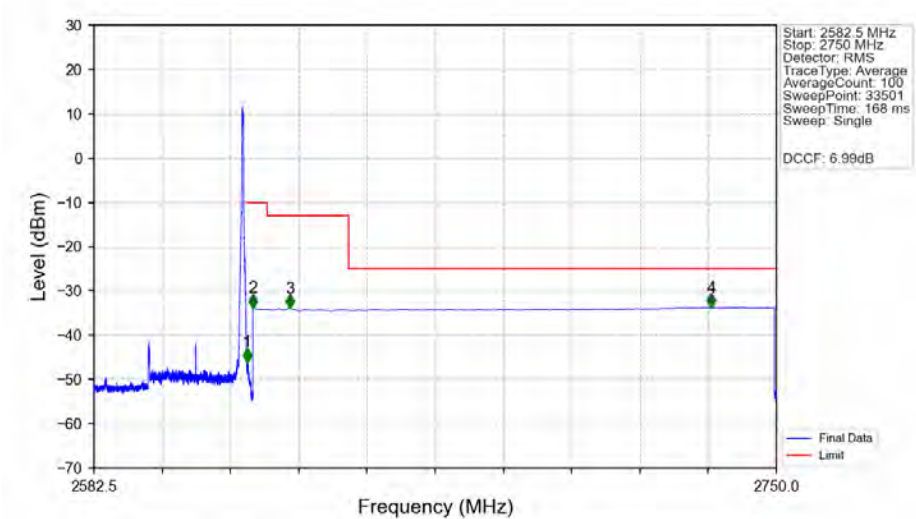
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 551.200    | -35.89      | -25         | Pass   |

n38 30kHz MIMO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Edge 1RB Right Ant1



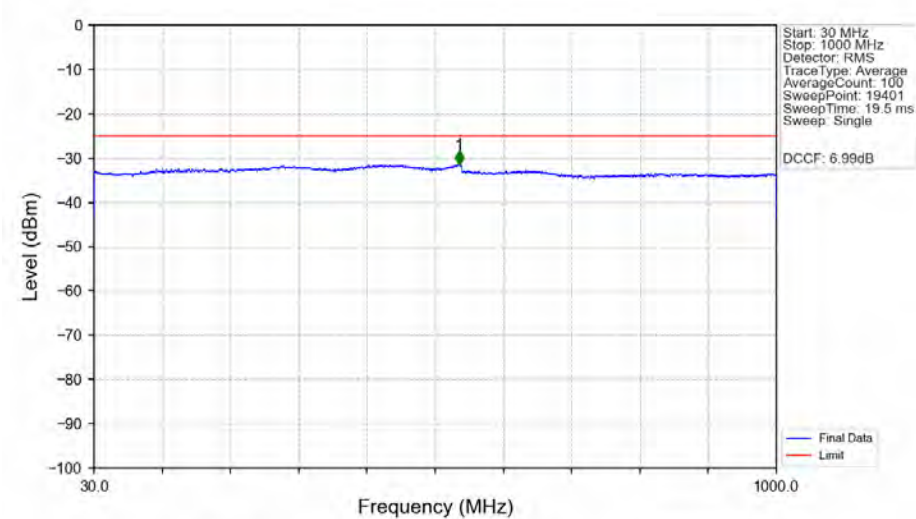
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2453.500   | -36.58      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2491.500   | -37.00      | -13         | Pass   |
| 2496        | 2545       | 1         | /      | 3          | 2497.500   | -36.73      | -25         | Pass   |
| 2545        | 2565       | 1         | /      | 4          | 2554.500   | -37.04      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2645       | 1         | /      | 5          | 2630.500   | -35.51      | -13         | Pass   |
| 2645        | 26200      | 1         | /      | 6          | 7990.500   | -33.61      | -25         | Pass   |

n38 30kHz MIMO NTV 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Edge 1RB Right Ant2



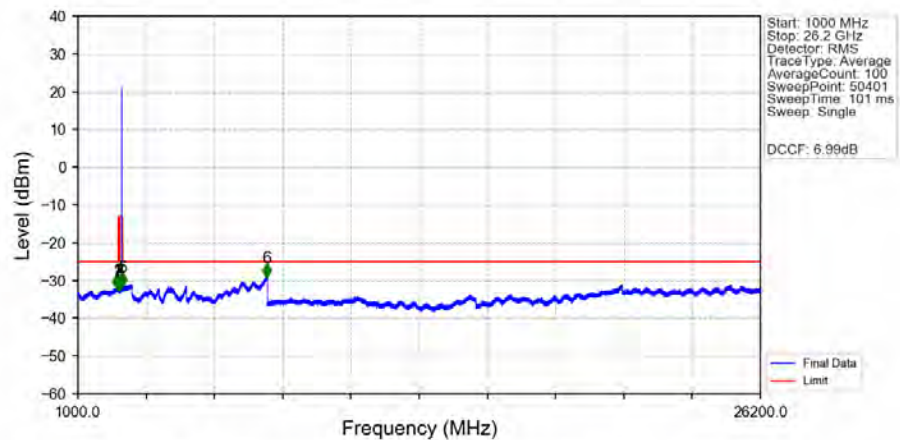
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.110   | -45.99      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -33.79      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2630.620   | -33.81      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2734.045   | -33.71      | -25         | Pass   |

n38 30kHz MIMO NTV 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Edge 1RB Right Ant2



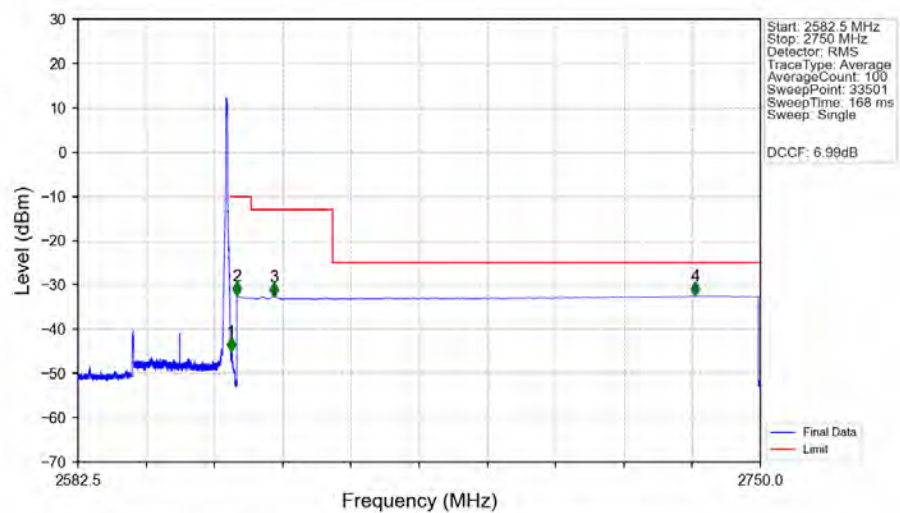
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 549.150    | -31.41      | -25         | Pass   |

n38 30kHz MIMO NTNv 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Edge 1RB Right Ant2



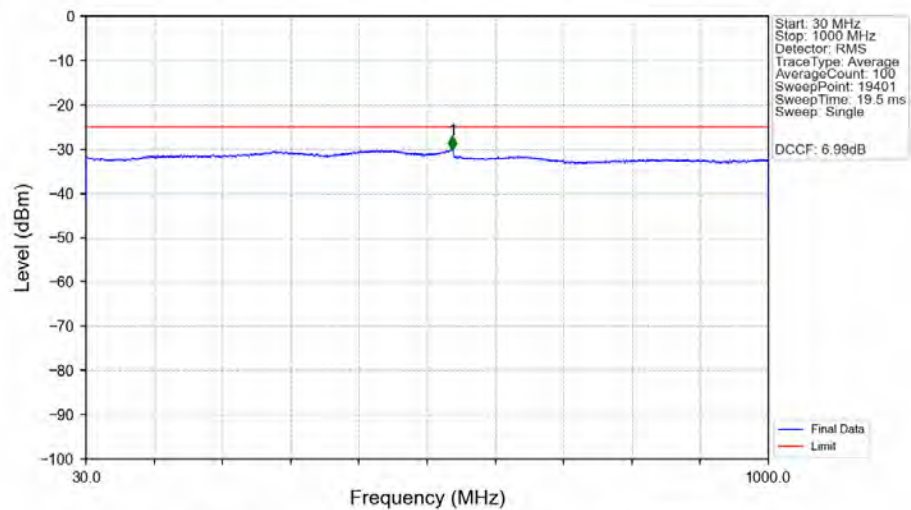
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2432.500   | -31.89      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2495.000   | -32.30      | -13         | Pass   |
| 2496        | 2545       | 1         | /      | 3          | 2521.500   | -32.06      | -25         | Pass   |
| 2545        | 2565       | 1         | /      | 4          | 2558.000   | -32.25      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2645       | 1         | /      | 5          | 2629.500   | -31.24      | -13         | Pass   |
| 2645        | 26200      | 1         | /      | 6          | 7981.500   | -28.80      | -25         | Pass   |

n38 30kHz MIMO NTNv 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Edge 1RB Right MIMO



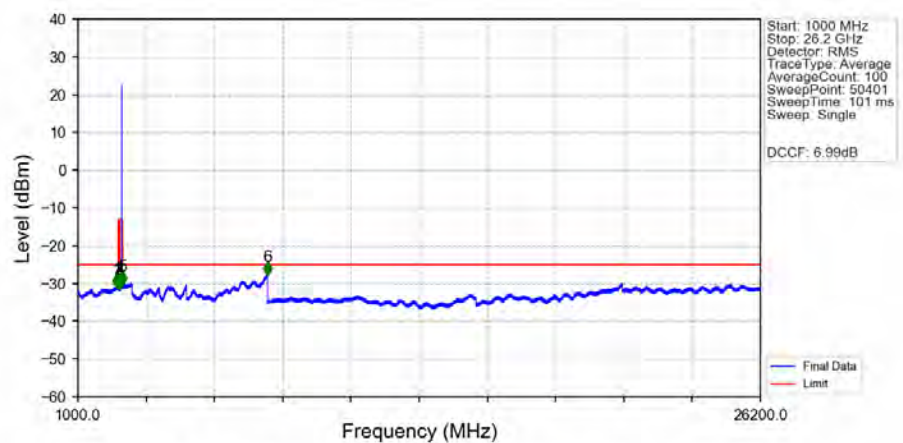
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.115   | -44.94      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -32.50      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2630.600   | -32.56      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2734.035   | -32.47      | -25         | Pass   |

n38 30kHz MIMO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Edge 1RB Right MIMO



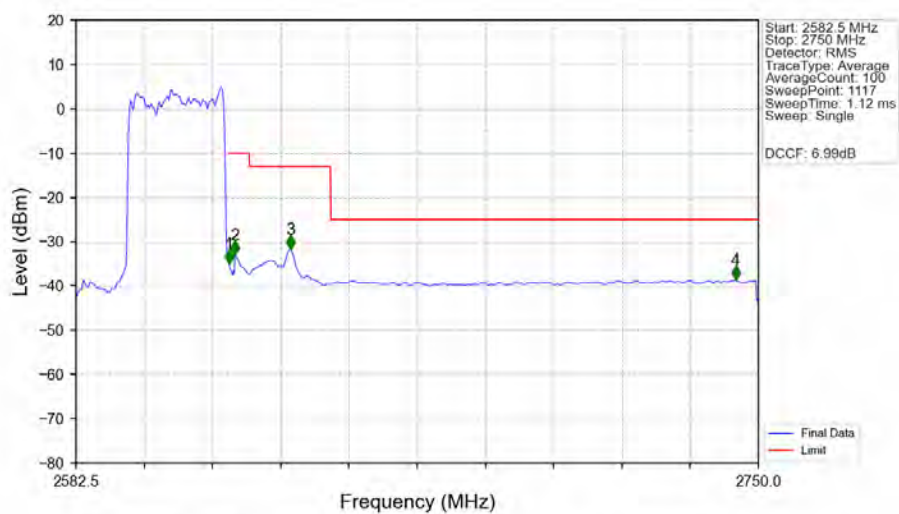
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 550.700    | -30.15      | 25          | Pass   |

n38 30kHz MIMO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Edge 1RB Right MIMO



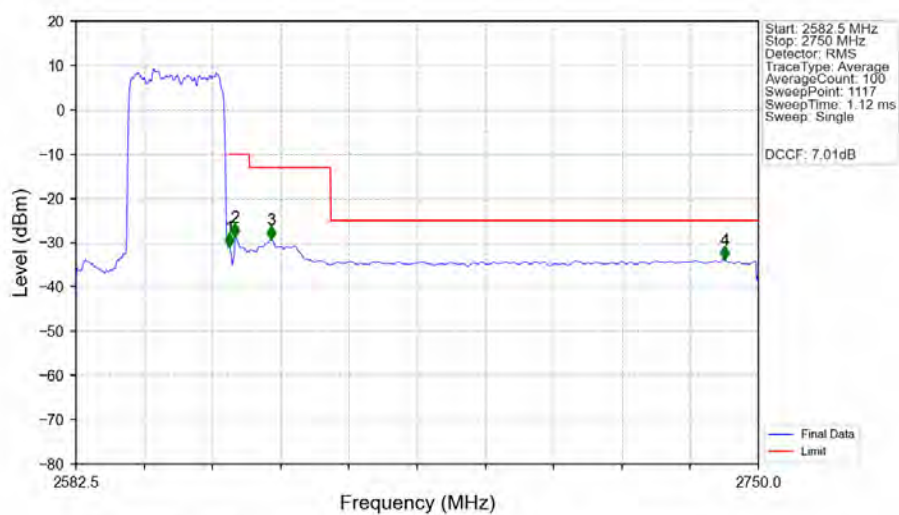
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2432.500   | -30.80      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2495.000   | -31.10      | -13         | Pass   |
| 2496        | 2545       | 1         | /      | 3          | 2521.500   | -30.99      | -25         | Pass   |
| 2545        | 2565       | 1         | /      | 4          | 2552.000   | -31.16      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2645       | 1         | /      | 5          | 2630.500   | -30.14      | -13         | Pass   |
| 2645        | 26200      | 1         | /      | 6          | 7995.000   | -27.63      | -25         | Pass   |

n38 30kHz MIMO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Outer Full Ant1



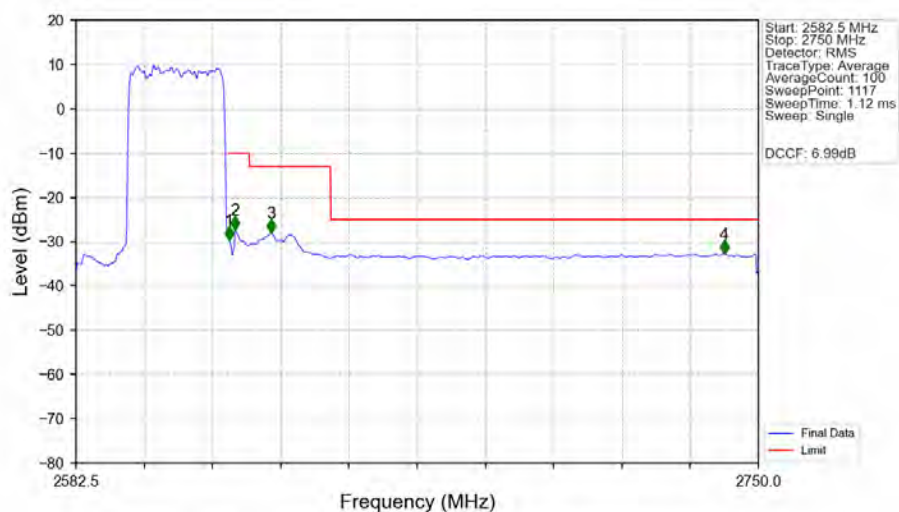
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.489     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.489     | CHP    | 1          | 2620.022   | -34.95      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.523   | -32.93      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2635.181   | -31.76      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2744.447   | -38.66      | -25         | Pass   |

n38 30kHz MIMO NTN 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Outer Full Ant2



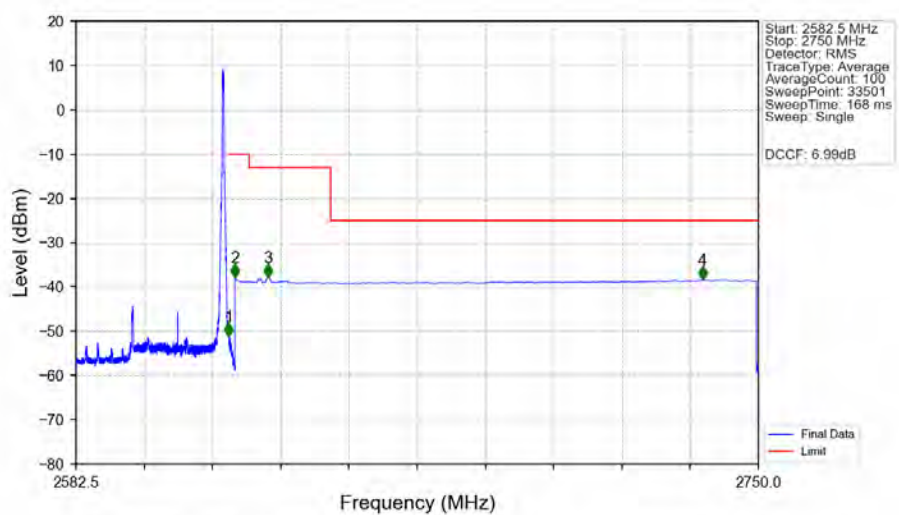
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.489     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.489     | CHP    | 1          | 2620.172   | -30.99      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.523   | -28.75      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2630.379   | -29.23      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2741.745   | -33.83      | -25         | Pass   |

## n38 30kHz MIMO NTV 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Outer Full MIMO



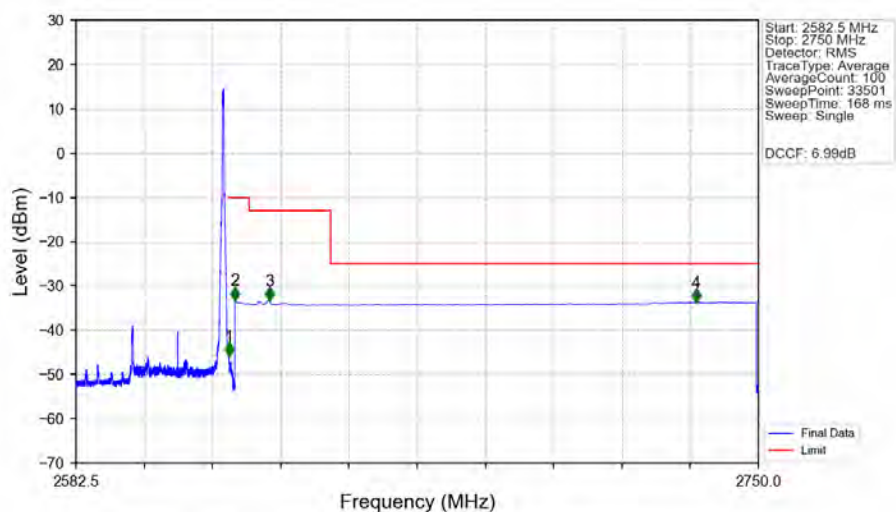
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.489     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.489     | CHP    | 1          | 2620.022   | -29.62      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.523   | -27.36      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2630.379   | -28.05      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2741.595   | -32.69      | -25         | Pass   |

## n38 30kHz MIMO NTV 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Inner 1RB Right Ant1



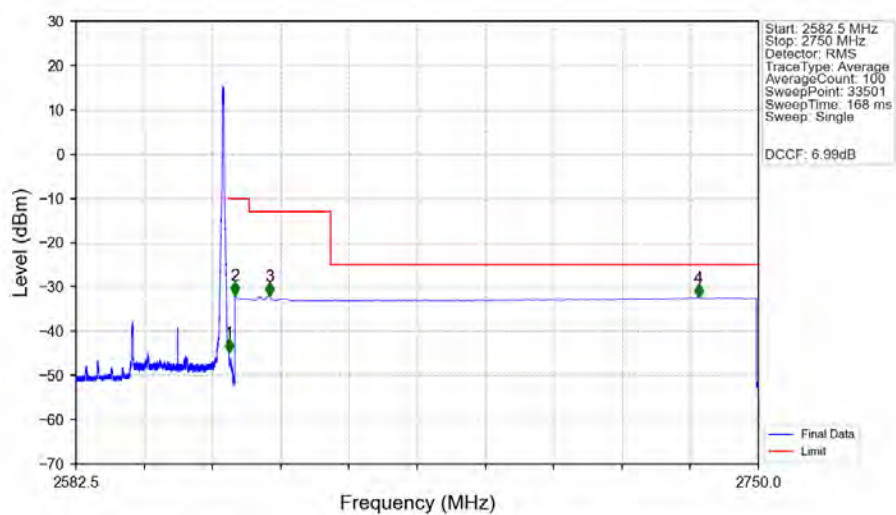
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.015   | -51.14      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -37.89      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2629.605   | -37.87      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2736.315   | -38.44      | -25         | Pass   |

n38 30kHz MIMO NTNv 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Inner 1RB Right Ant2

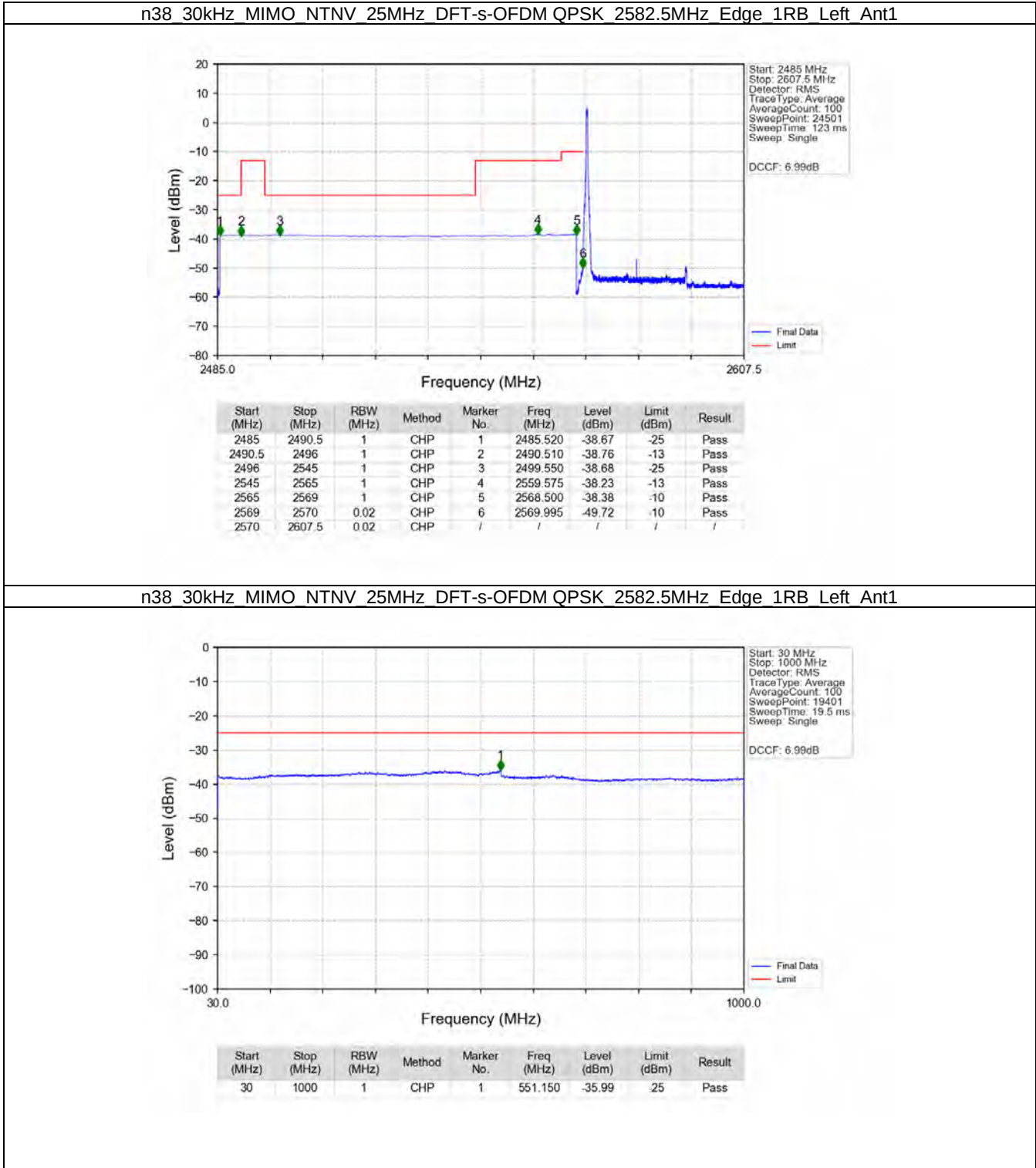


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.050   | -45.86      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -33.24      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2629.965   | -33.33      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2734.735   | -33.65      | -25         | Pass   |

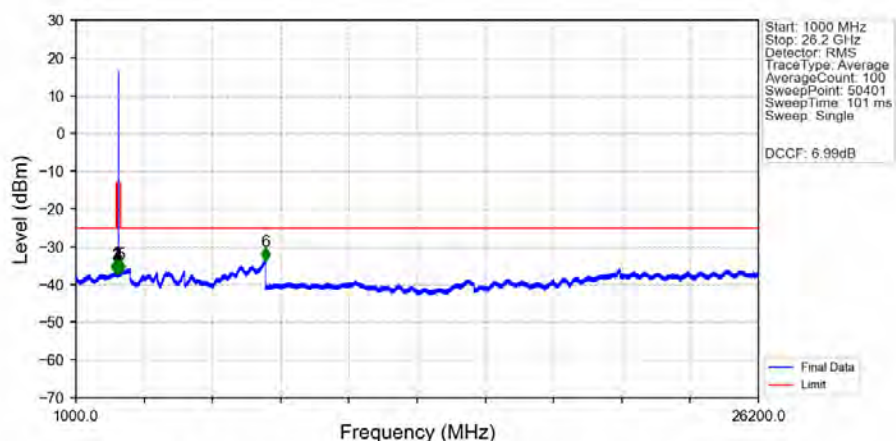
n38 30kHz MIMO NTNv 25MHz DFT-s-OFDM PI/2 BPSK 2607.5MHz Inner 1RB Right MIMO



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.050   | -44.85      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -31.96      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2629.940   | -32.03      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2735.275   | -32.44      | -25         | Pass   |

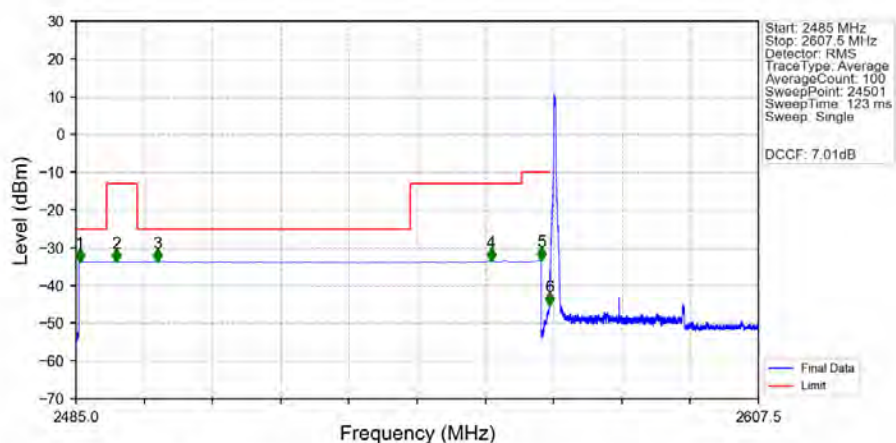


## n38 30kHz MIMO NTN 25MHz DFT-s-OFDM QPSK 2582.5MHz Edge 1RB Left Ant1



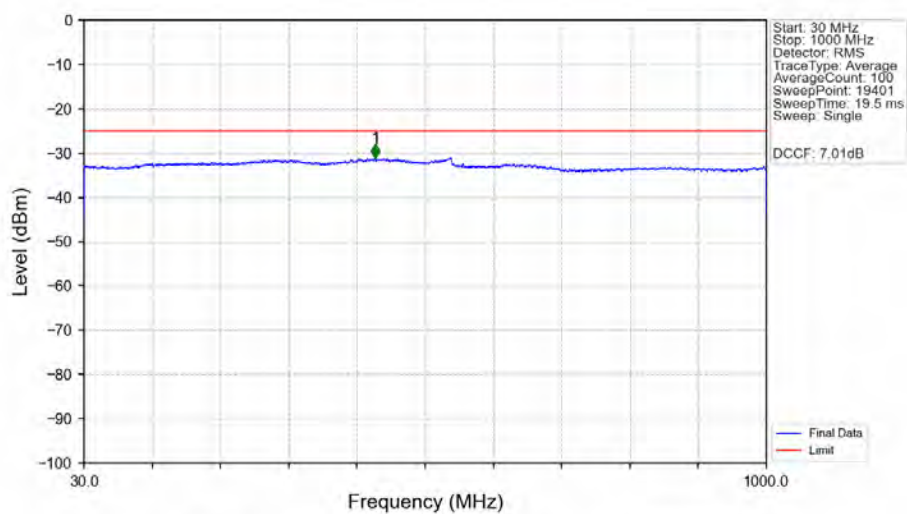
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2473.500   | -36.65      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2491.000   | -36.76      | -13         | Pass   |
| 2496        | 2545       | 1         | /      | 3          | 2497.500   | -36.88      | -25         | Pass   |
| 2545        | 2565       | 1         | /      | 4          | 2559.000   | -36.76      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2645       | 1         | /      | 5          | 2645.000   | -36.81      | -13         | Pass   |
| 2645        | 26200      | 1         | /      | 6          | 7987.500   | -33.50      | -25         | Pass   |

## n38 30kHz MIMO NTN 25MHz DFT-s-OFDM QPSK 2582.5MHz Edge 1RB Left Ant2



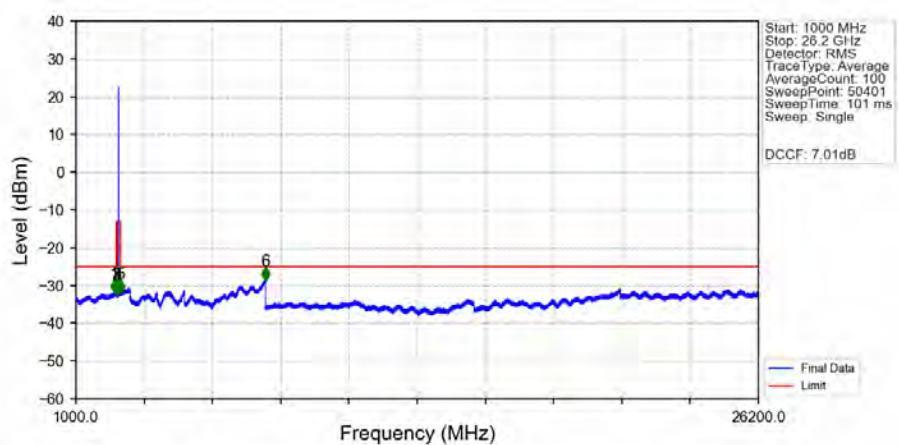
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2485.665   | -33.63      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.195   | -33.63      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2499.555   | -33.57      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2559.560   | -33.35      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.500   | -33.08      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.995   | -45.08      | -10         | Pass   |
| 2570        | 2607.5     | 0.02      | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNV 25MHz DFT-s-OFDM QPSK 2582.5MHz Edge 1RB Left Ant2

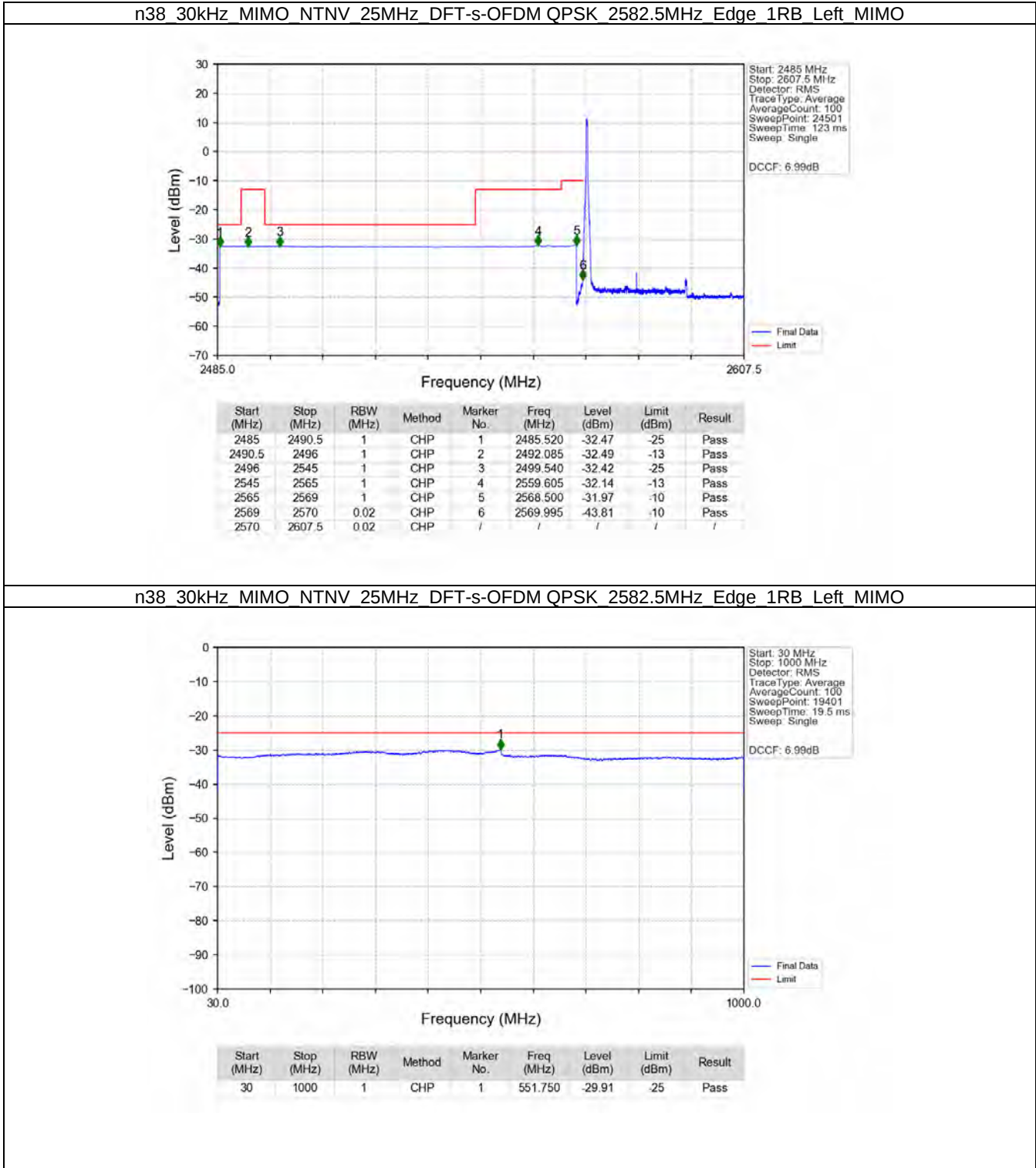


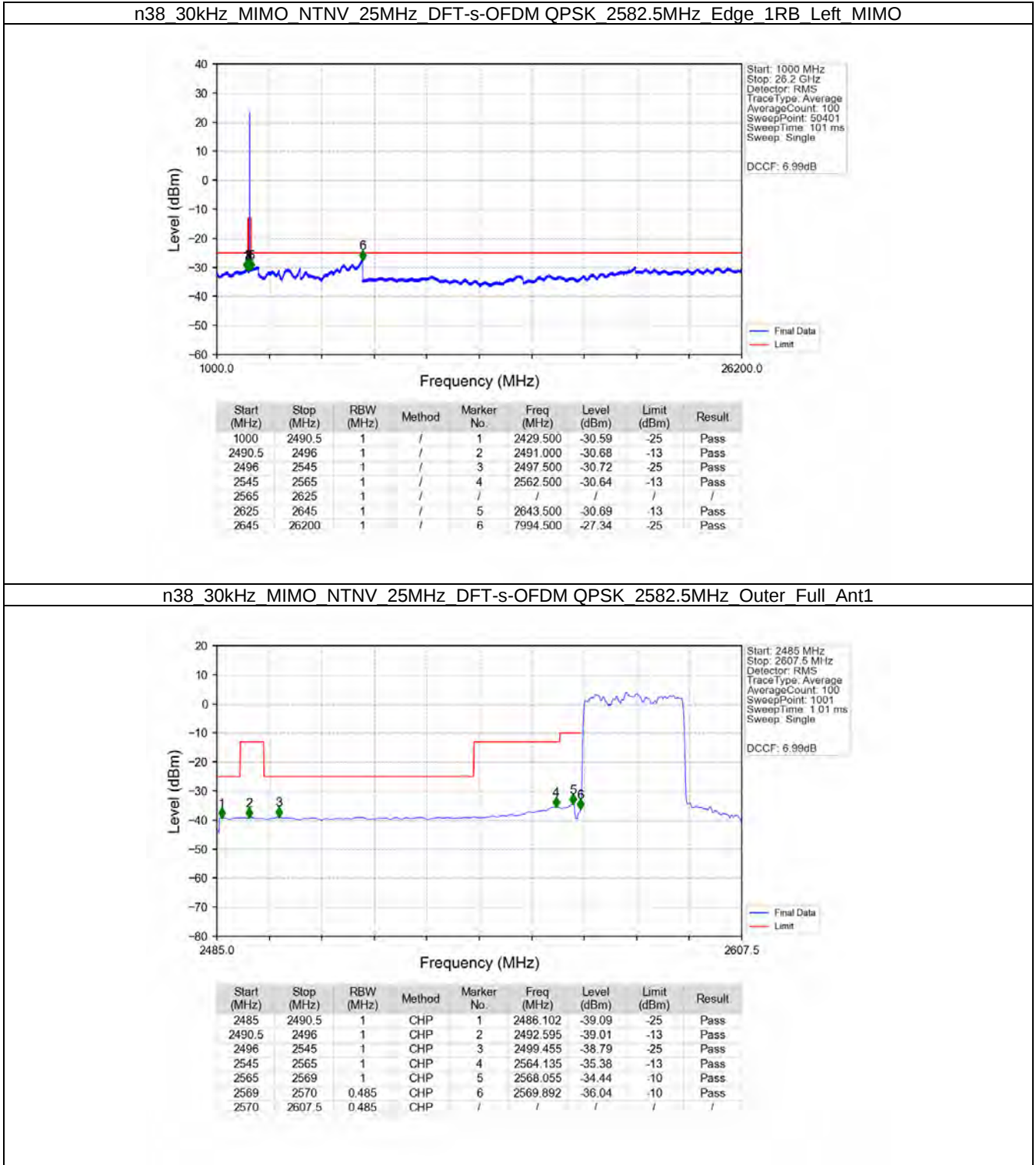
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 444.000    | -31.04      | 25          | Pass   |

n38 30kHz MIMO NTNV 25MHz DFT-s-OFDM QPSK 2582.5MHz Edge 1RB Left Ant2

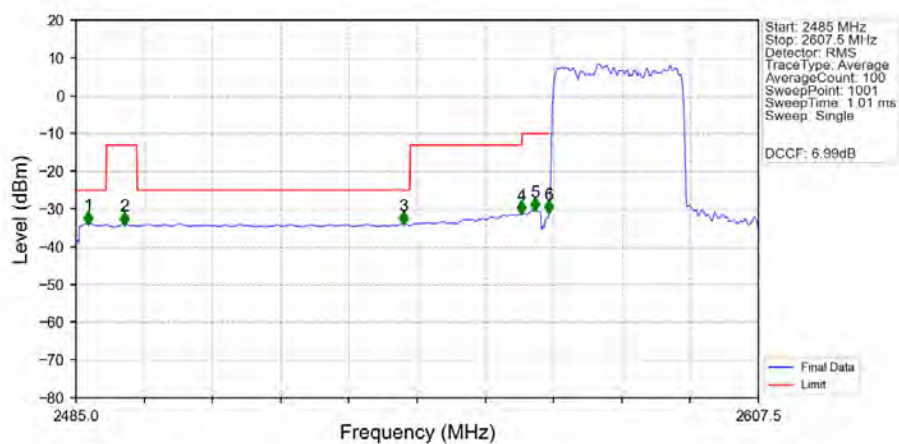


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2429.500   | -31.60      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2491.000   | -31.89      | -13         | Pass   |
| 2496        | 2545       | 1         | /      | 3          | 2497.500   | -31.91      | -25         | Pass   |
| 2545        | 2565       | 1         | /      | 4          | 2562.500   | -31.63      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2645       | 1         | /      | 5          | 2643.500   | -31.78      | -13         | Pass   |
| 2645        | 26200      | 1         | /      | 6          | 7994.500   | -28.40      | -25         | Pass   |



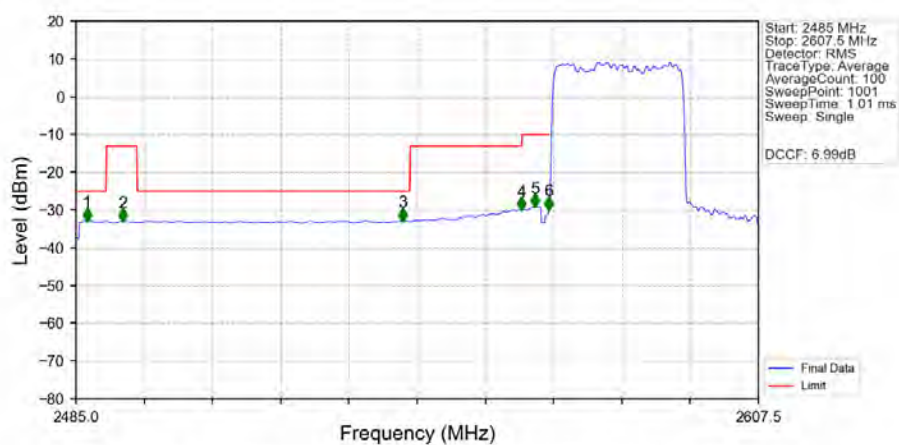


n38 30kHz MIMO NTNV 25MHz DFT-s-OFDM QPSK 2582.5MHz Outer Full Ant2



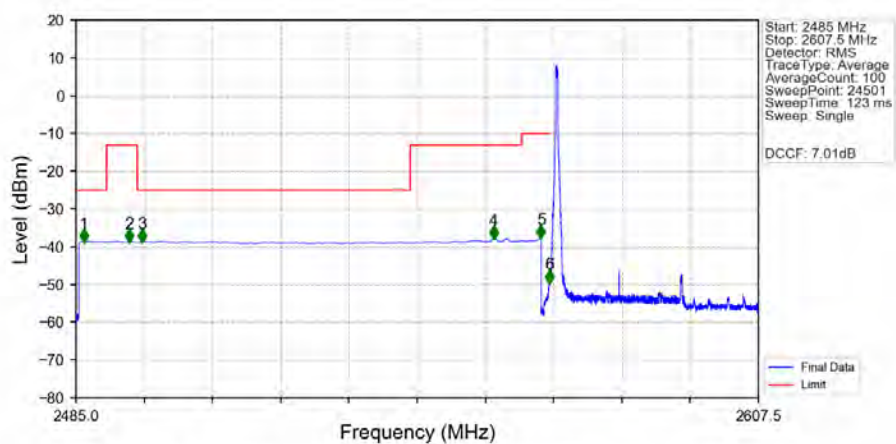
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2487.205   | -33.87      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2493.698   | -34.04      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2543.800   | -33.92      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2564.992   | -31.14      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2567.320   | -30.32      | -10         | Pass   |
| 2569        | 2570       | 0.485     | CHP    | 6          | 2569.892   | -30.96      | -10         | Pass   |
| 2570        | 2607.5     | 0.485     | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNV 25MHz DFT-s-OFDM QPSK 2582.5MHz Outer Full MIMO



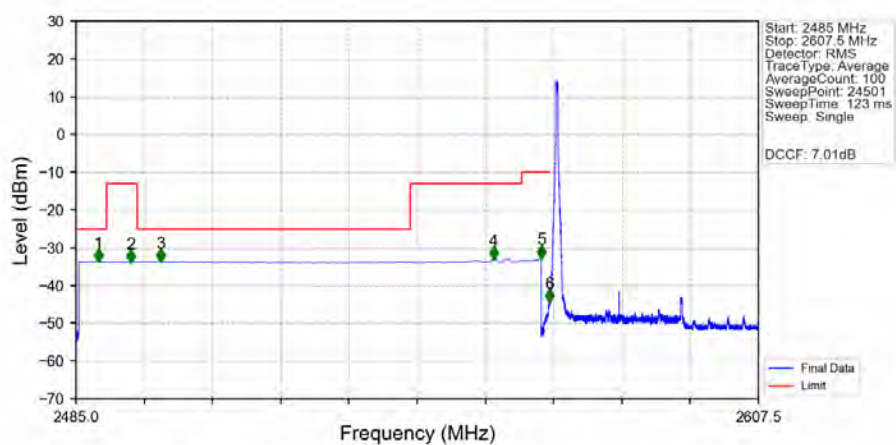
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2486.960   | -32.80      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2493.452   | -32.91      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2543.677   | -32.81      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2564.992   | -29.86      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2567.320   | -29.10      | -10         | Pass   |
| 2569        | 2570       | 0.485     | CHP    | 6          | 2569.892   | -29.79      | -10         | Pass   |
| 2570        | 2607.5     | 0.485     | CHP    | /          | /          | /           | /           | /      |

## n38 30kHz MIMO NTNV 25MHz DFT-s-OFDM QPSK 2582.5MHz Inner 1RB Left Ant1

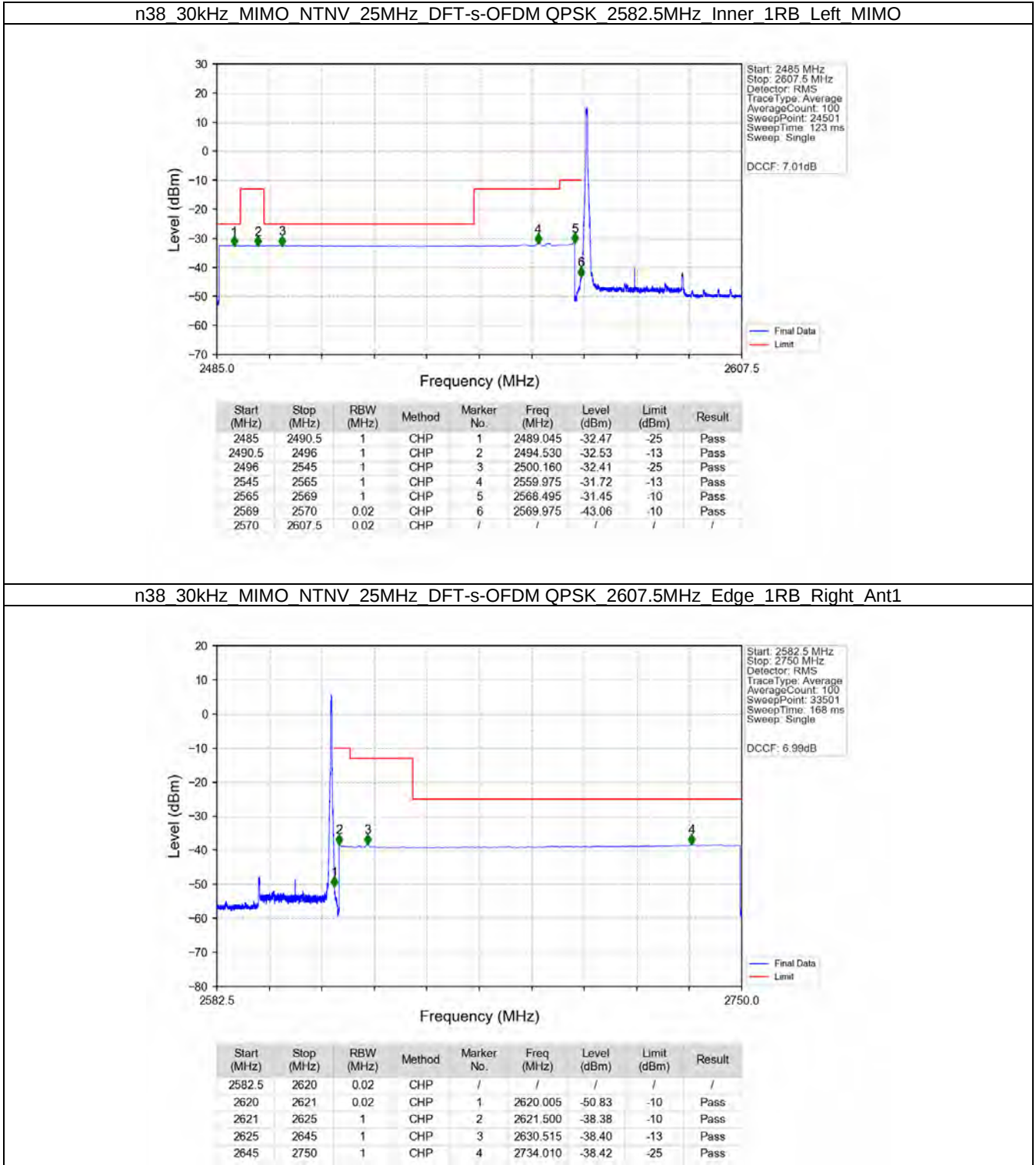


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2486.405   | -38.68      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2494.595   | -38.66      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2496.930   | -38.66      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2559.970   | -37.84      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.465   | -37.66      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.975   | -49.43      | -10         | Pass   |
| 2570        | 2607.5     | 0.02      | CHP    | /          | /          | /           | /           | /      |

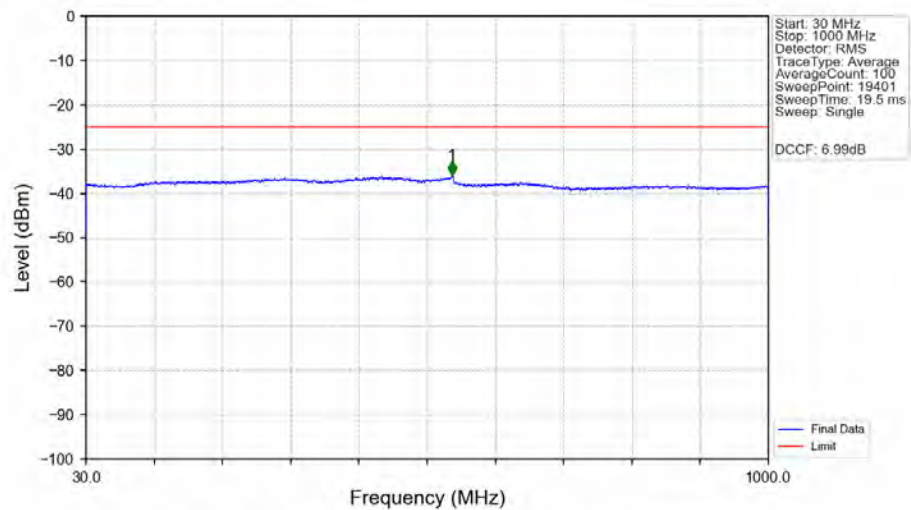
## n38 30kHz MIMO NTNV 25MHz DFT-s-OFDM QPSK 2582.5MHz Inner 1RB Left Ant2



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2489.040   | -33.64      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2494.870   | -33.73      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2500.165   | -33.58      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2559.975   | -32.94      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.500   | -32.63      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.975   | -44.20      | -10         | Pass   |
| 2570        | 2607.5     | 0.02      | CHP    | /          | /          | /           | /           | /      |

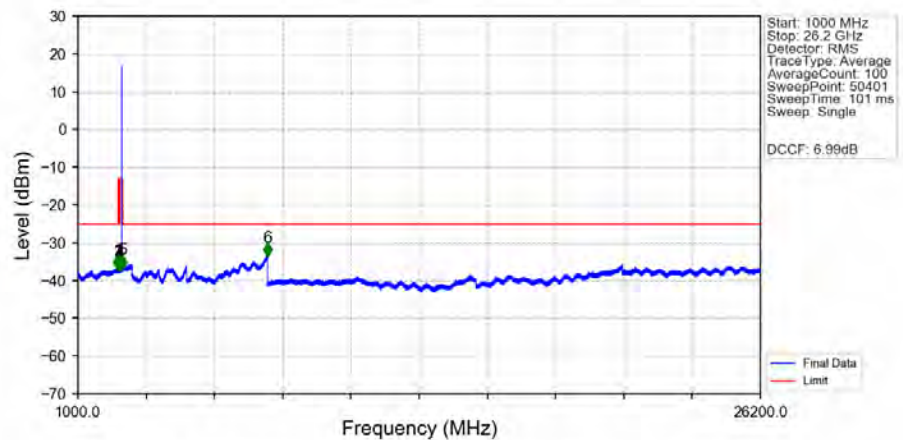


n38 30kHz MIMO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Edge 1RB Right Ant1

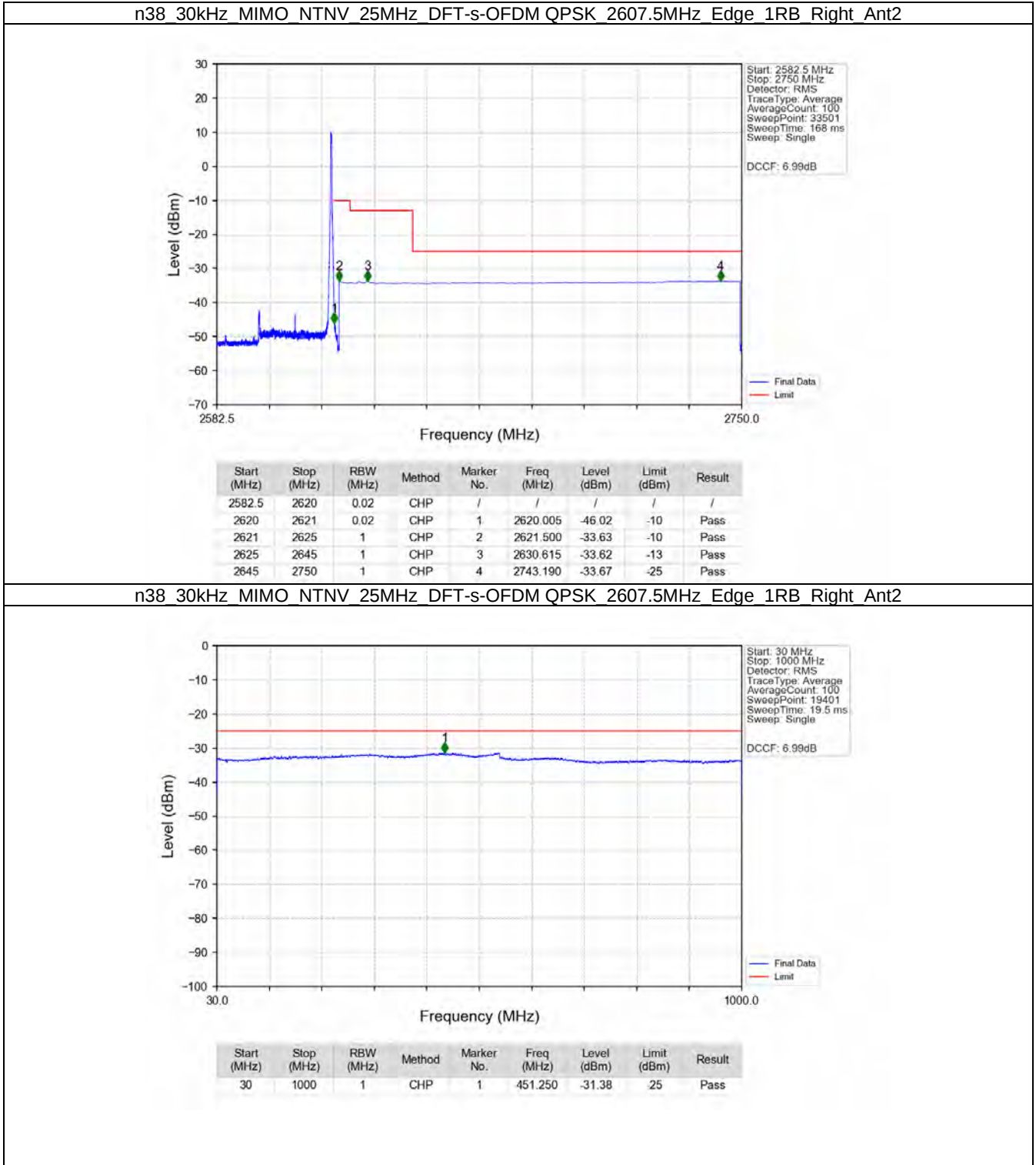


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 550.200    | -35.86      | -25         | Pass   |

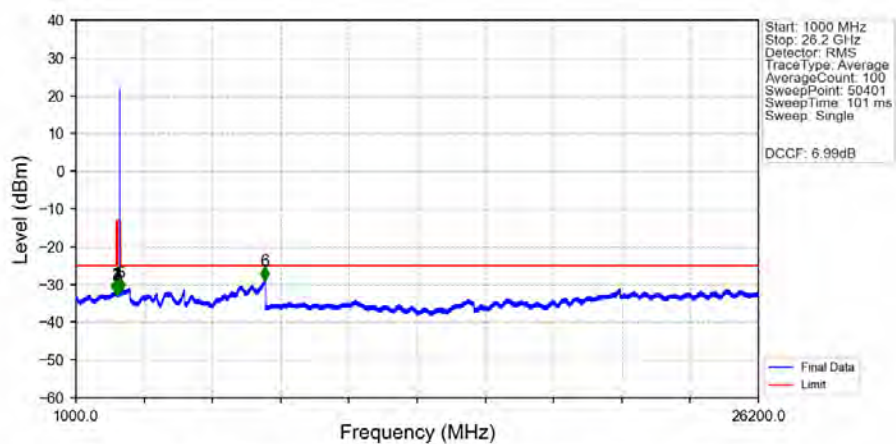
n38 30kHz MIMO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Edge 1RB Right Ant1



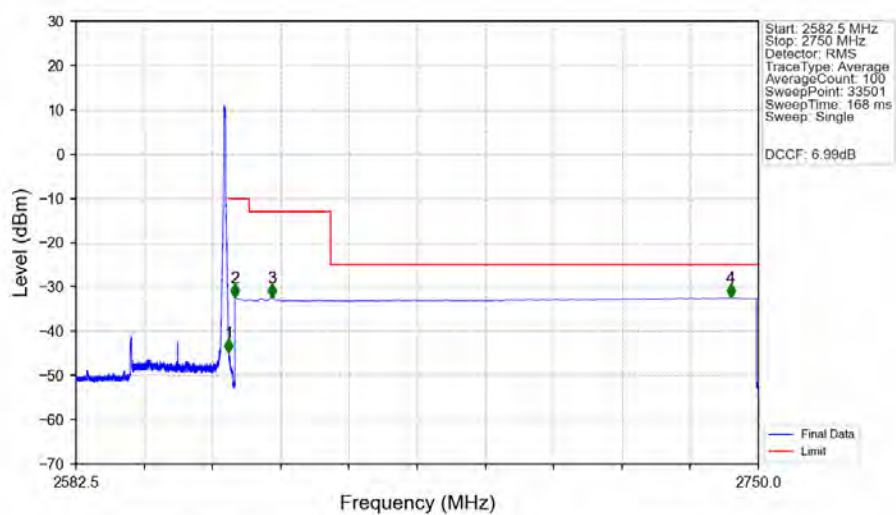
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2471.500   | -36.74      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2496.000   | -37.02      | -13         | Pass   |
| 2496        | 2545       | 1         | /      | 3          | 2496.500   | -37.01      | -25         | Pass   |
| 2545        | 2565       | 1         | /      | 4          | 2553.000   | -37.09      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2645       | 1         | /      | 5          | 2630.500   | -36.69      | -13         | Pass   |
| 2645        | 26200      | 1         | /      | 6          | 2793.500   | -33.41      | -25         | Pass   |

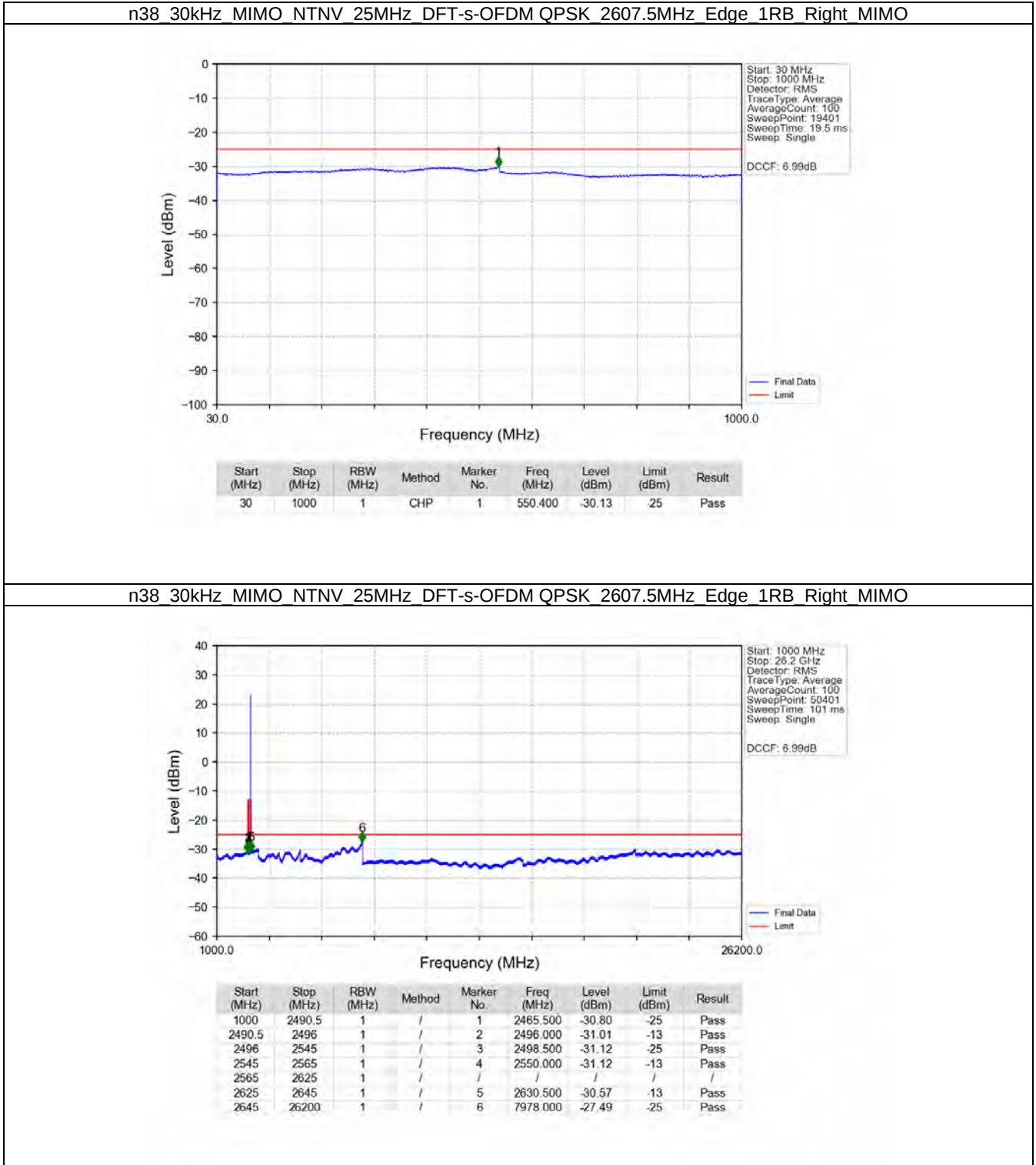


## n38 30kHz MIMO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Edge 1RB Right Ant2

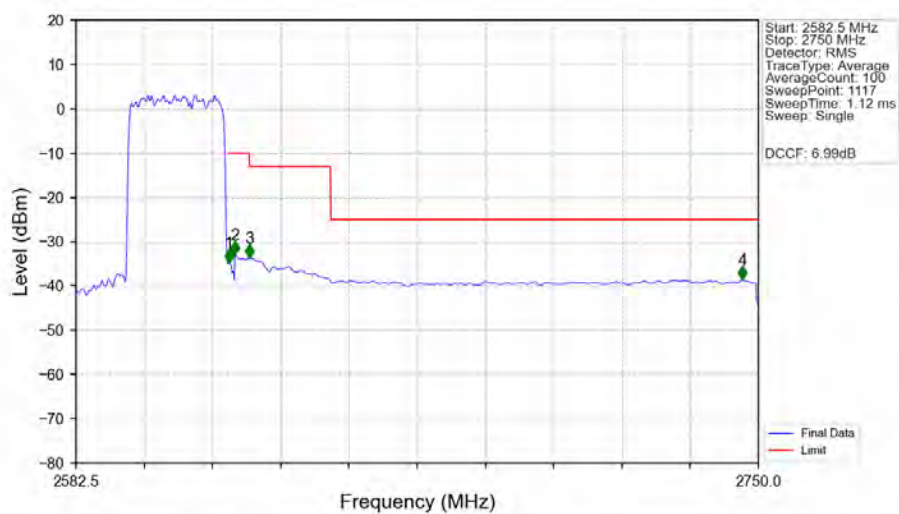


## n38 30kHz MIMO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Edge 1RB Right MIMO



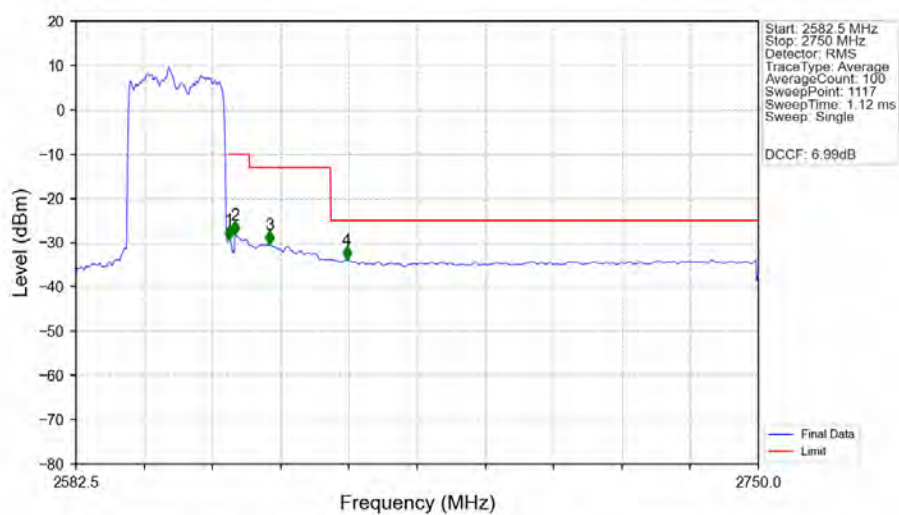


n38\_30kHz\_MIMO\_NTNV\_25MHz\_DFT-s-OFDM\_QPSK\_2607.5MHz\_Outer\_Full\_Ant1



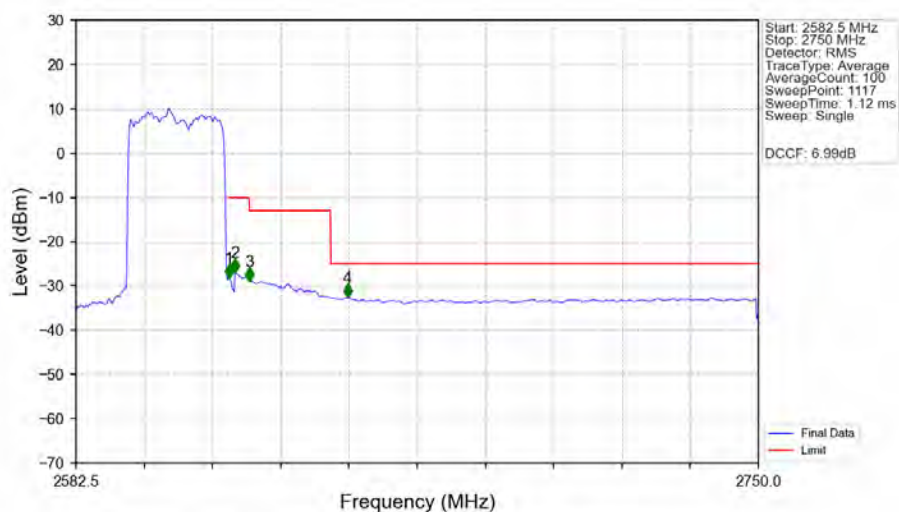
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.487     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.487     | CHP    | 1          | 2620.022   | -34.69      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.523   | -33.01      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2625.125   | -33.65      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2746.098   | -38.54      | -25         | Pass   |

n38\_30kHz\_MIMO\_NTNV\_25MHz\_DFT-s-OFDM\_QPSK\_2607.5MHz\_Outer\_Full\_Ant2

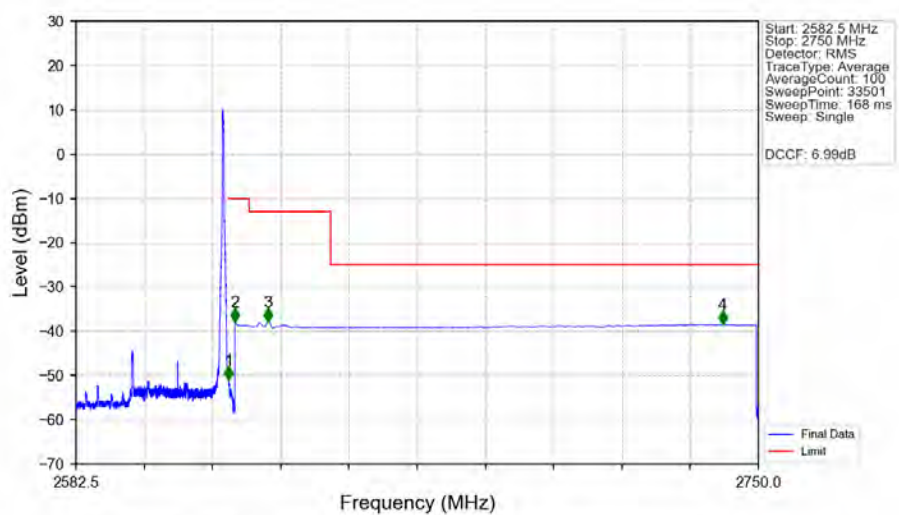


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.487     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.487     | CHP    | 1          | 2620.022   | -29.34      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.523   | -28.14      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2630.078   | -30.32      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2648.990   | -33.78      | -25         | Pass   |

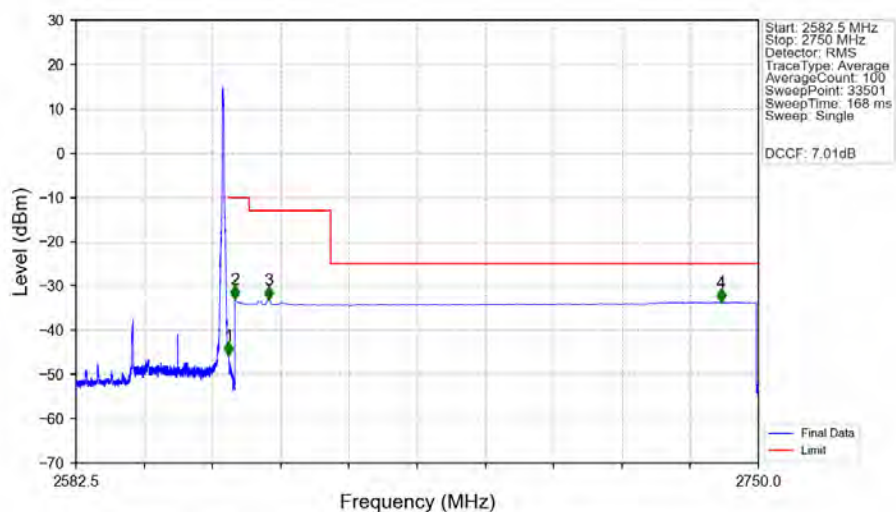
## n38 30kHz MIMO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Outer Full MIMO



## n38 30kHz MIMO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Inner 1RB Right Ant1

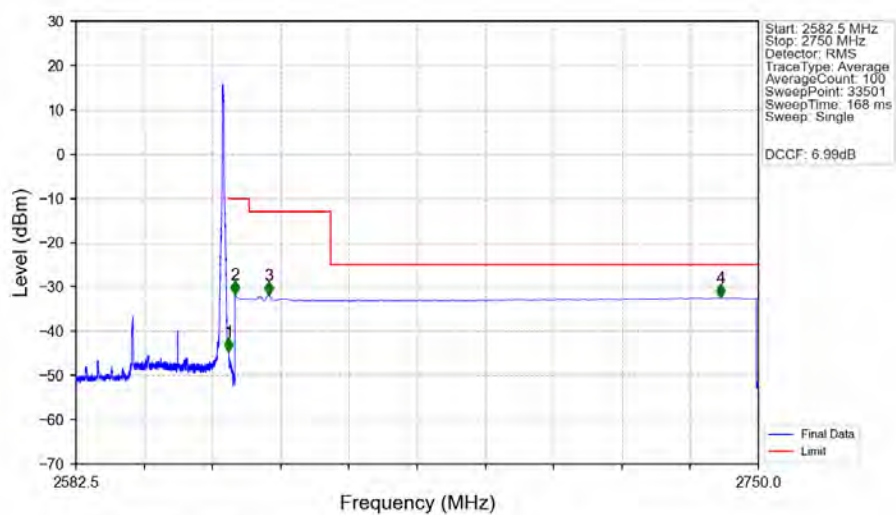


n38 30kHz MIMO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Inner 1RB Right Ant2



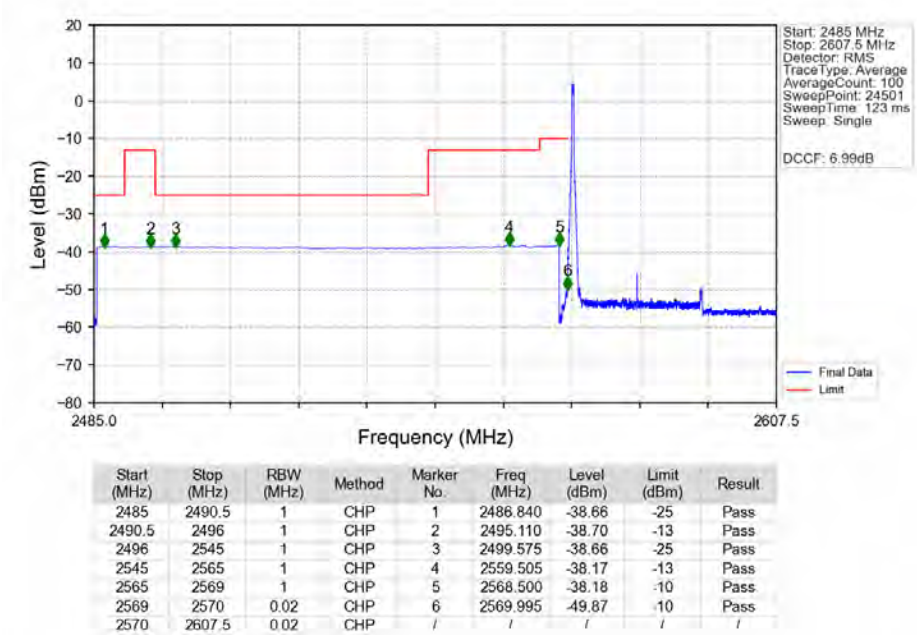
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.005   | -45.66      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -32.97      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2629.825   | -33.09      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2740.795   | -33.68      | -25         | Pass   |

n38 30kHz MIMO NTN 25MHz DFT-s-OFDM QPSK 2607.5MHz Inner 1RB Right MIMO

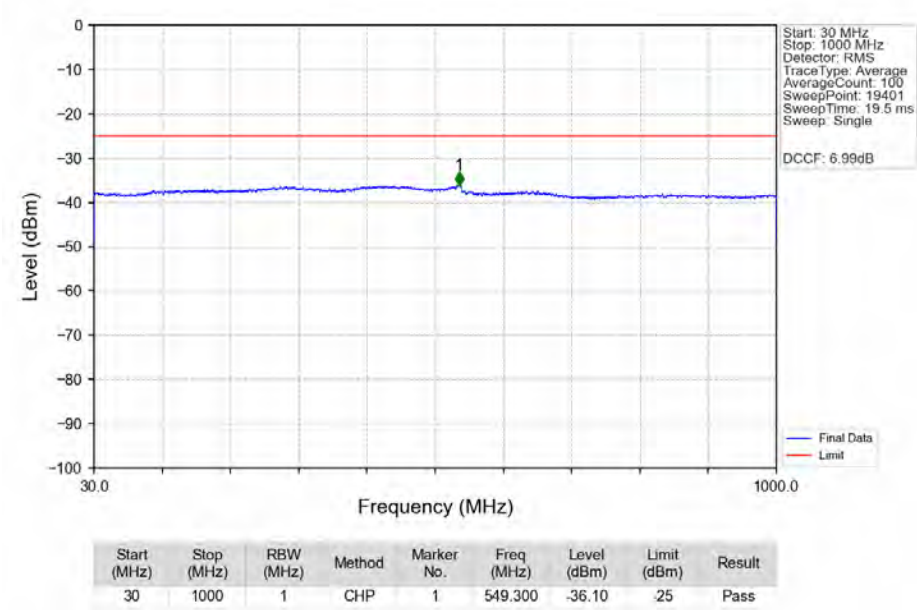


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.005   | -44.56      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -31.78      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2629.835   | -31.84      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2740.770   | -32.48      | -25         | Pass   |

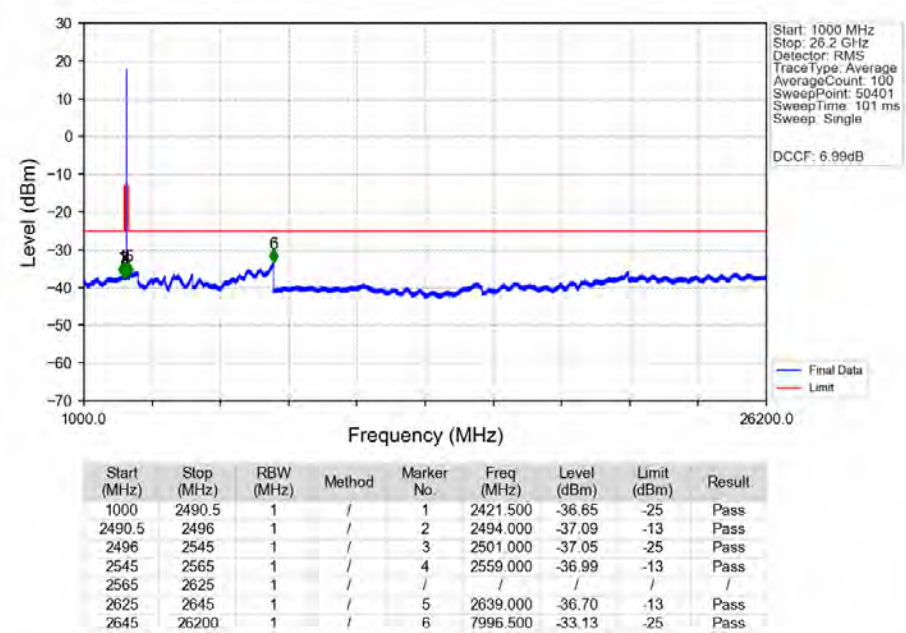
n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2582.5MHz Edge 1RB Left Ant1



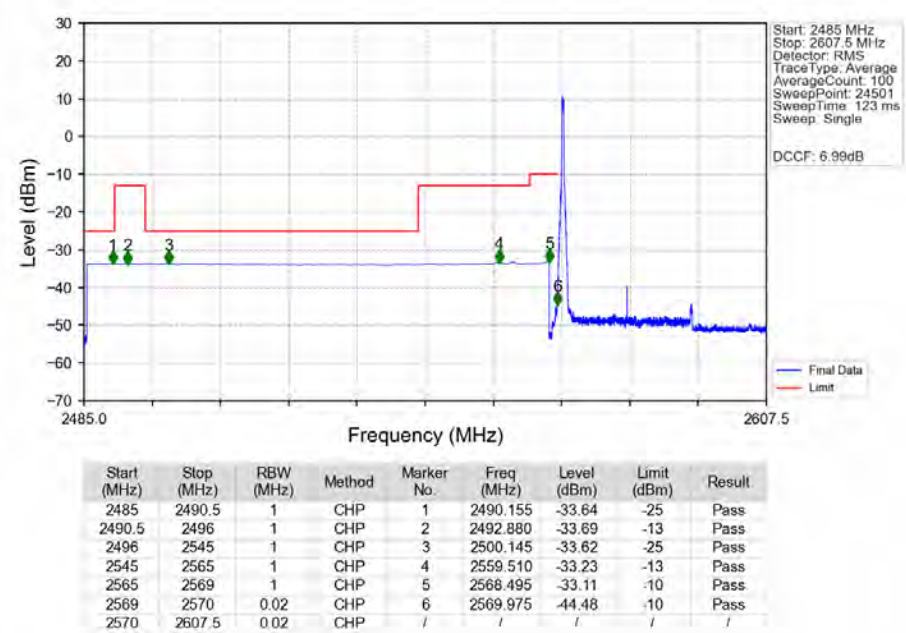
n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2582.5MHz Edge 1RB Left Ant1



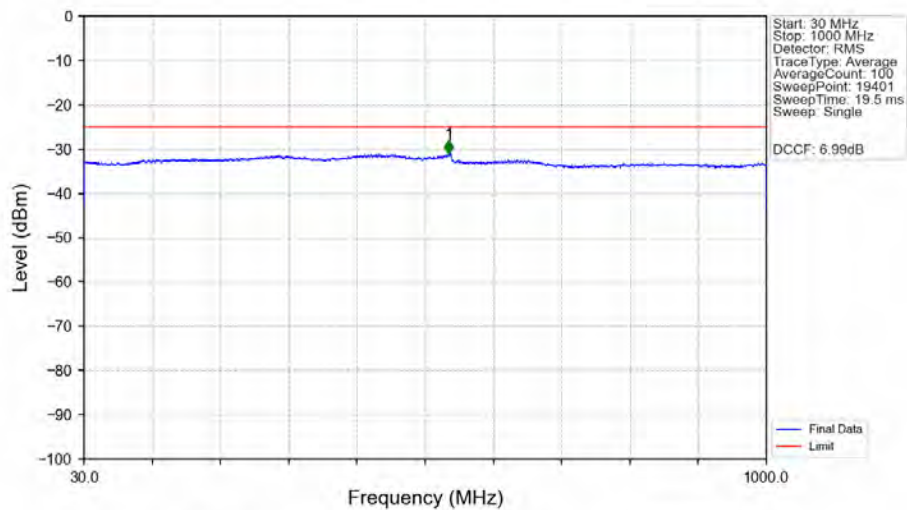
n38 30kHz MIMO NTNv 25MHz CP-OFDM QPSK 2582.5MHz Edge 1RB Left Ant1



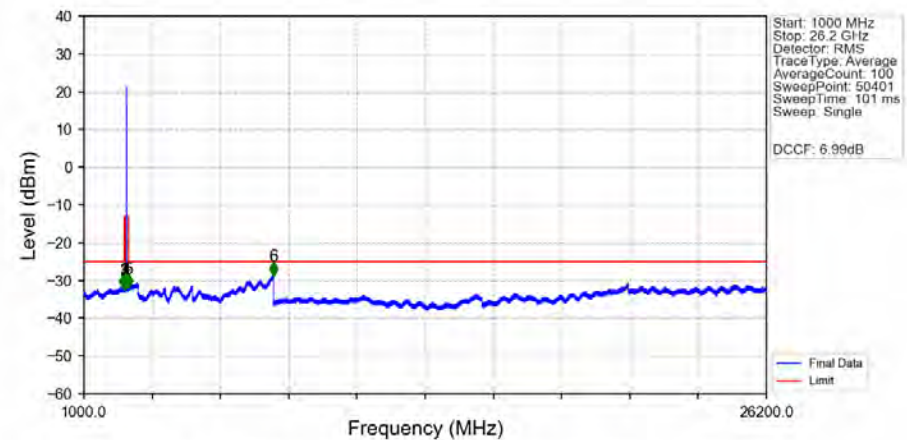
n38 30kHz MIMO NTNv 25MHz CP-OFDM QPSK 2582.5MHz Edge 1RB Left Ant2



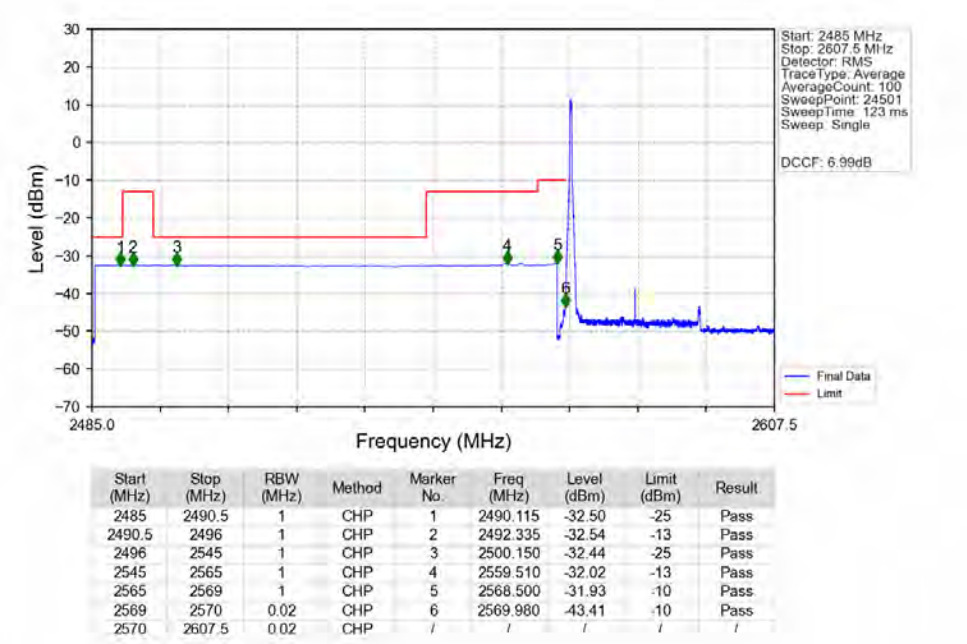
n38 30kHz MIMO NTNv 25MHz CP-OFDM QPSK 2582.5MHz Edge 1RB Left Ant2



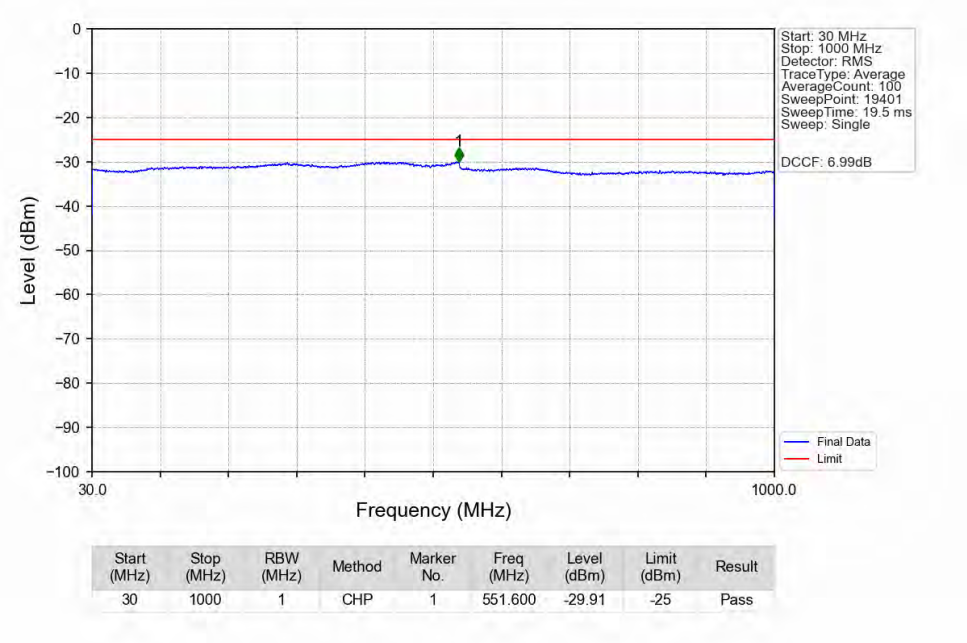
n38 30kHz MIMO NTNv 25MHz CP-OFDM QPSK 2582.5MHz Edge 1RB Left Ant2



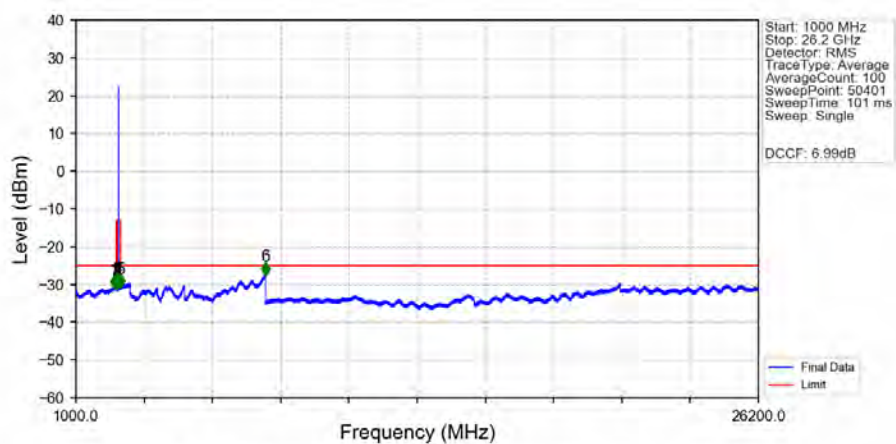
n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2582.5MHz Edge 1RB Left MIMO



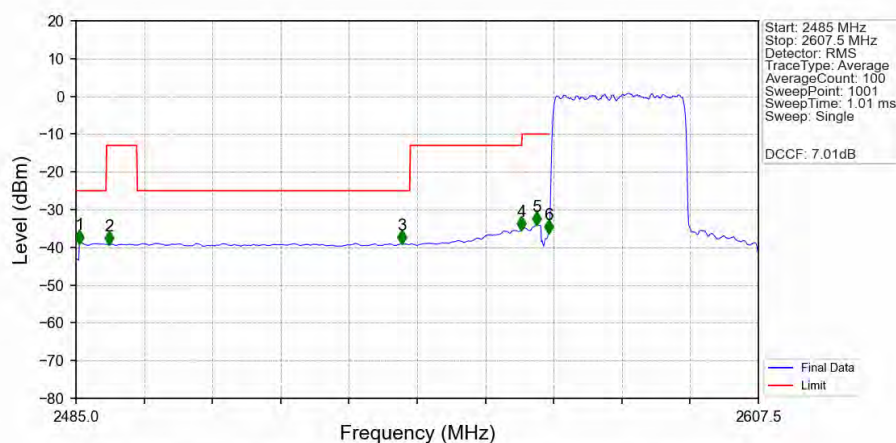
n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2582.5MHz Edge 1RB Left MIMO



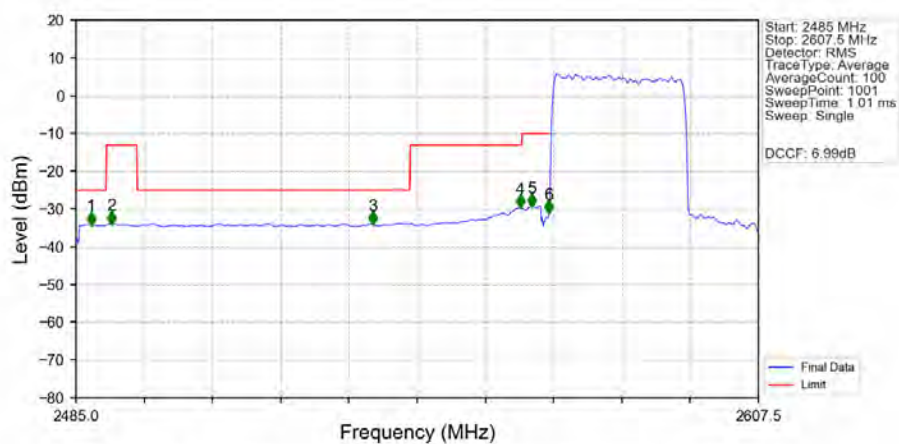
## n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2582.5MHz Edge 1RB Left MIMO



## n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2582.5MHz Outer Full Ant1

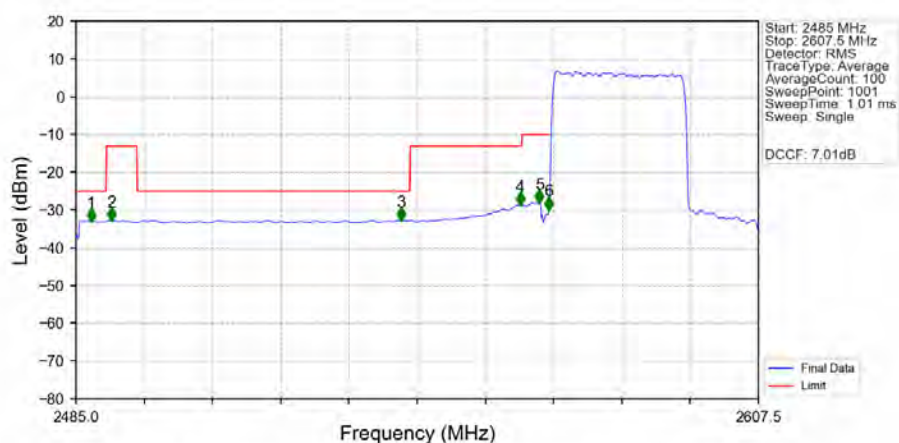


## n38 30kHz MIMO NTNV 25MHz CP-OFDM QPSK 2582.5MHz Outer Full Ant2



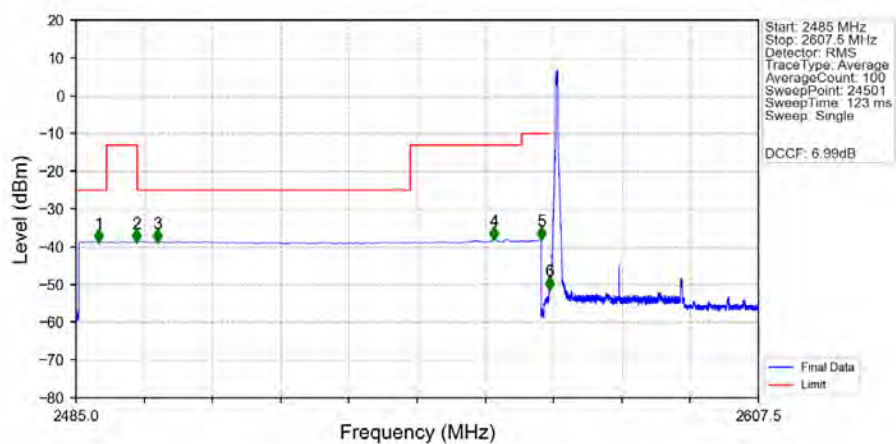
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2487.695   | -34.05      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2491.370   | -33.88      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2538.287   | -33.90      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2564.747   | -29.51      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2566.830   | -29.22      | -10         | Pass   |
| 2569        | 2570       | 0.491     | CHP    | 6          | 2569.892   | -30.99      | -10         | Pass   |
| 2570        | 2607.5     | 0.491     | CHP    | /          | /          | /           | /           | /      |

## n38 30kHz MIMO NTNV 25MHz CP-OFDM QPSK 2582.5MHz Outer Full MIMO



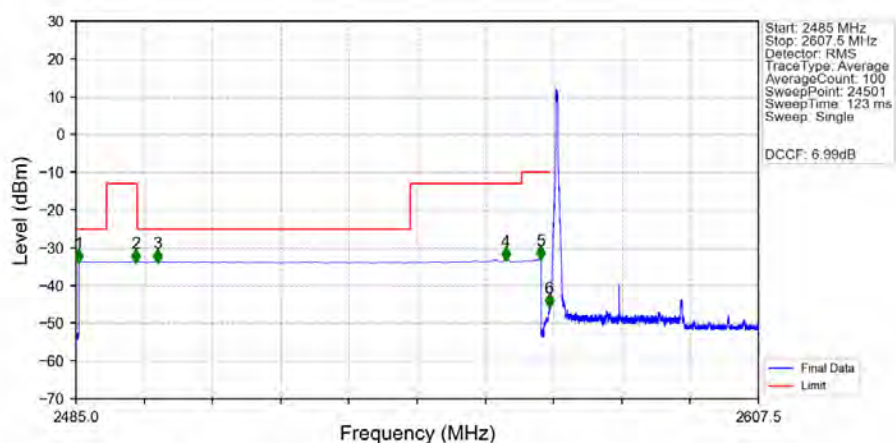
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2487.695   | -32.88      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2491.370   | -32.75      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2543.310   | -32.73      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2564.747   | -28.56      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.177   | -28.05      | -10         | Pass   |
| 2569        | 2570       | 0.491     | CHP    | 6          | 2569.892   | -29.80      | -10         | Pass   |
| 2570        | 2607.5     | 0.491     | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNV 25MHz CP-OFDM QPSK 2582.5MHz Inner 1RB Left Ant1



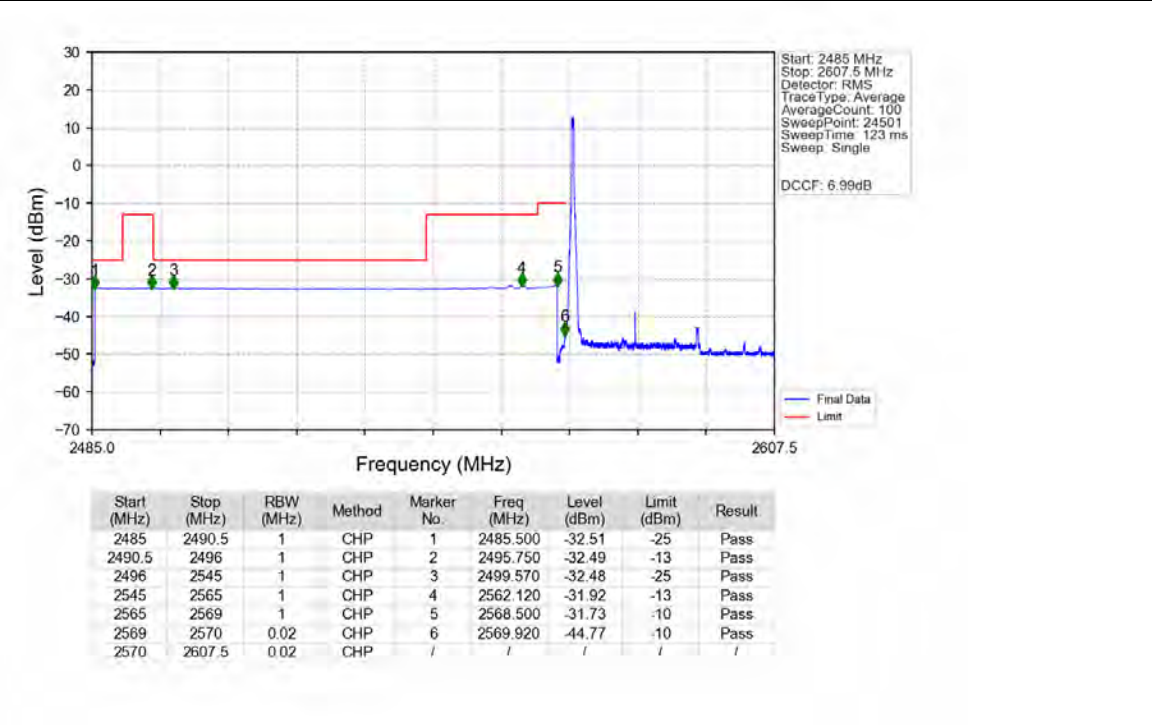
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2489.085   | -38.70      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.885   | -38.69      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2499.580   | -38.66      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2560.055   | -38.02      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.500   | -37.97      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.995   | -51.29      | -10         | Pass   |
| 2570        | 2607.5     | 0.02      | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNV 25MHz CP-OFDM QPSK 2582.5MHz Inner 1RB Left Ant2

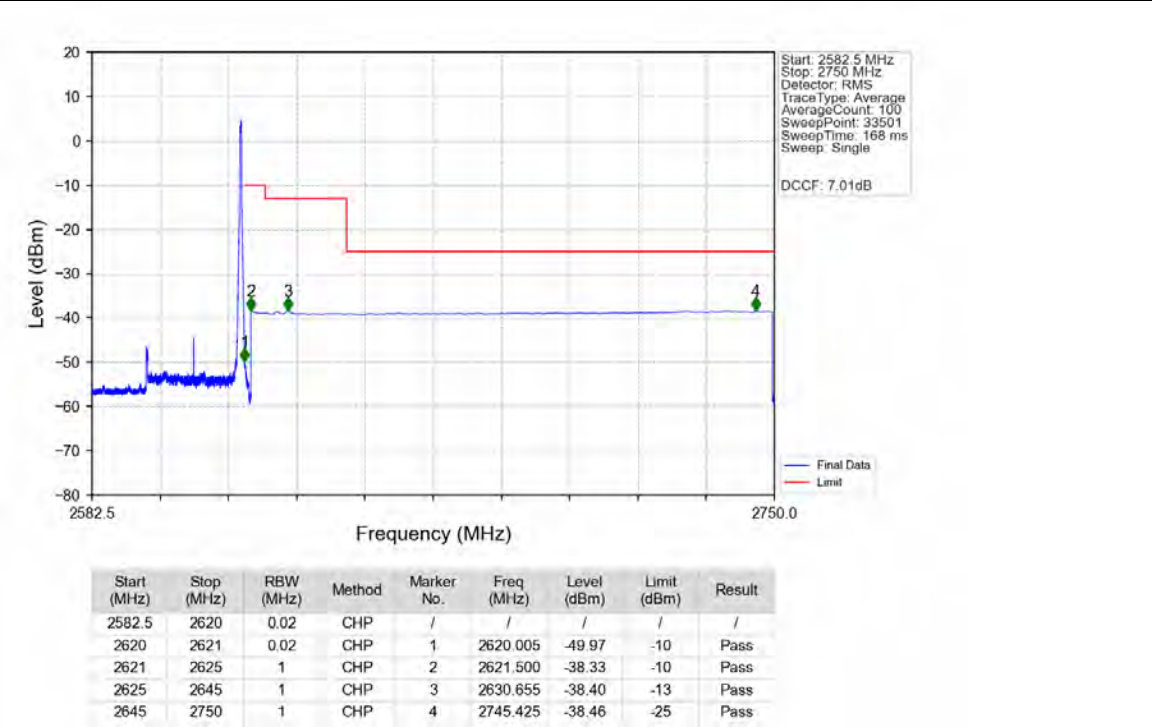


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2485.500   | -33.69      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.755   | -33.66      | -13         | Pass   |
| 2496        | 2545       | 1         | CHP    | 3          | 2499.560   | -33.68      | -25         | Pass   |
| 2545        | 2565       | 1         | CHP    | 4          | 2562.125   | -33.10      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.435   | -32.91      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.925   | -45.53      | -10         | Pass   |
| 2570        | 2607.5     | 0.02      | CHP    | /          | /          | /           | /           | /      |

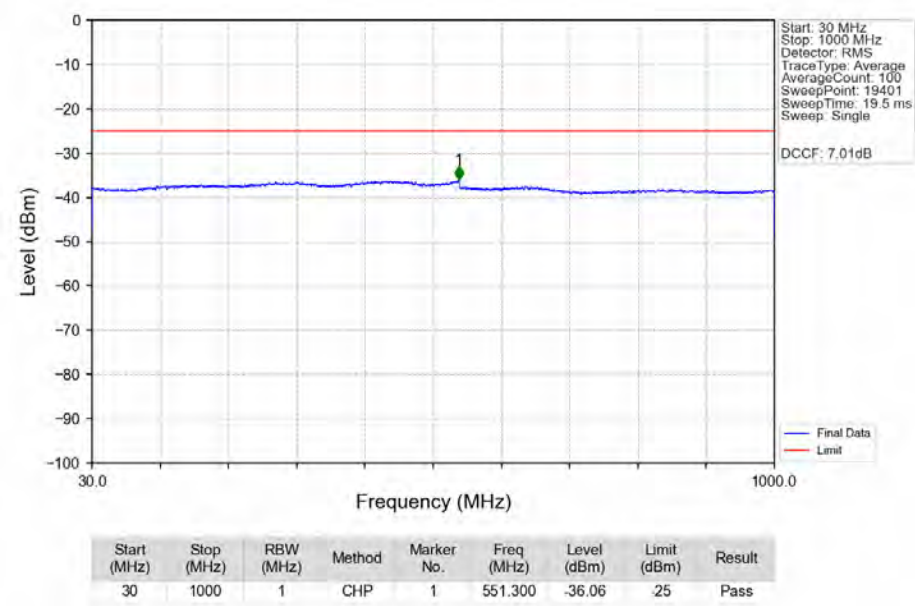
n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2582.5MHz Inner 1RB Left MIMO



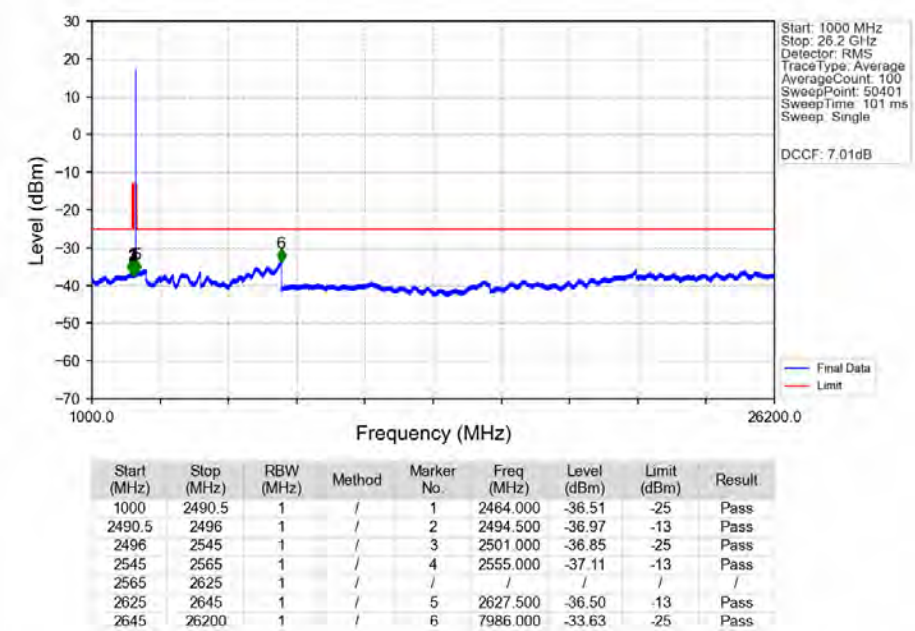
n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2607.5MHz Edge 1RB Right Ant1



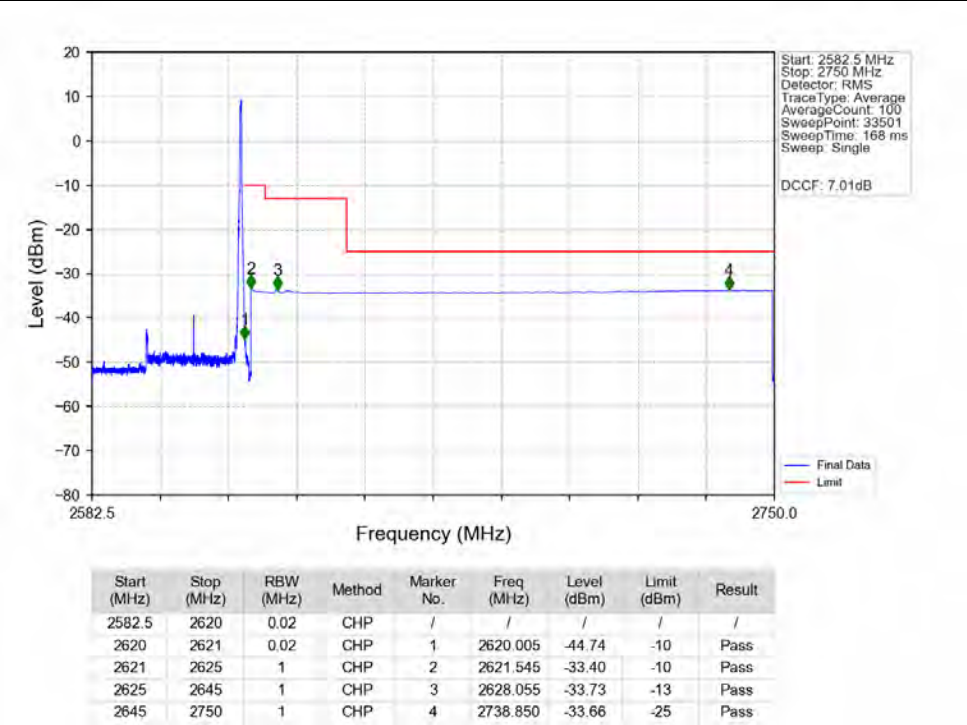
n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2607.5MHz Edge 1RB Right Ant1



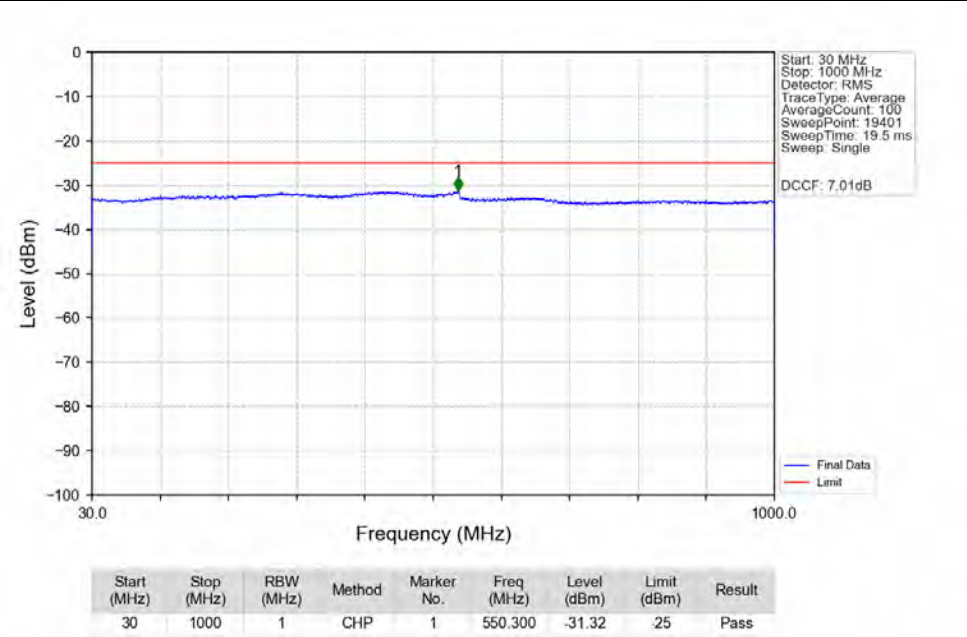
n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2607.5MHz Edge 1RB Right Ant1

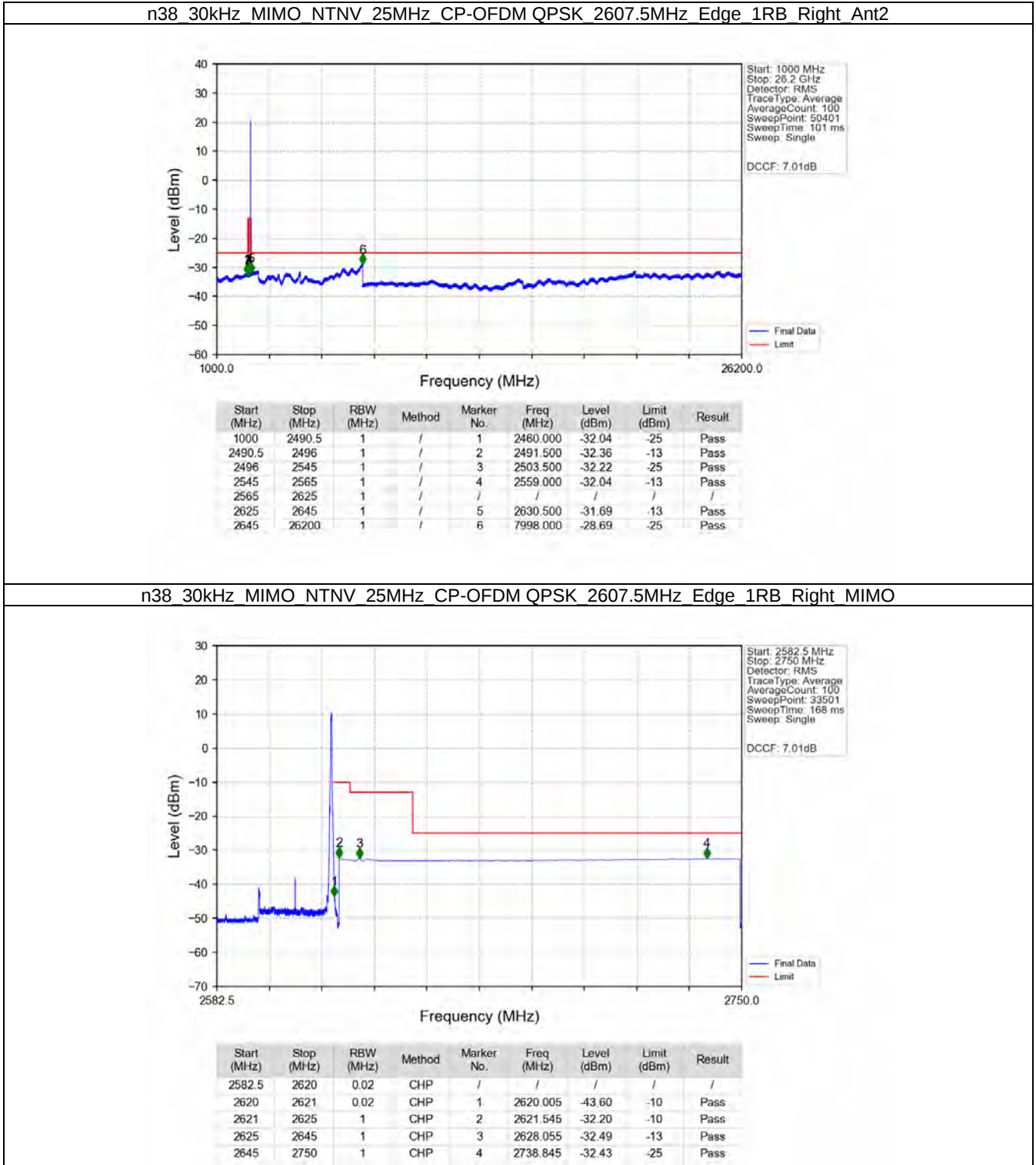


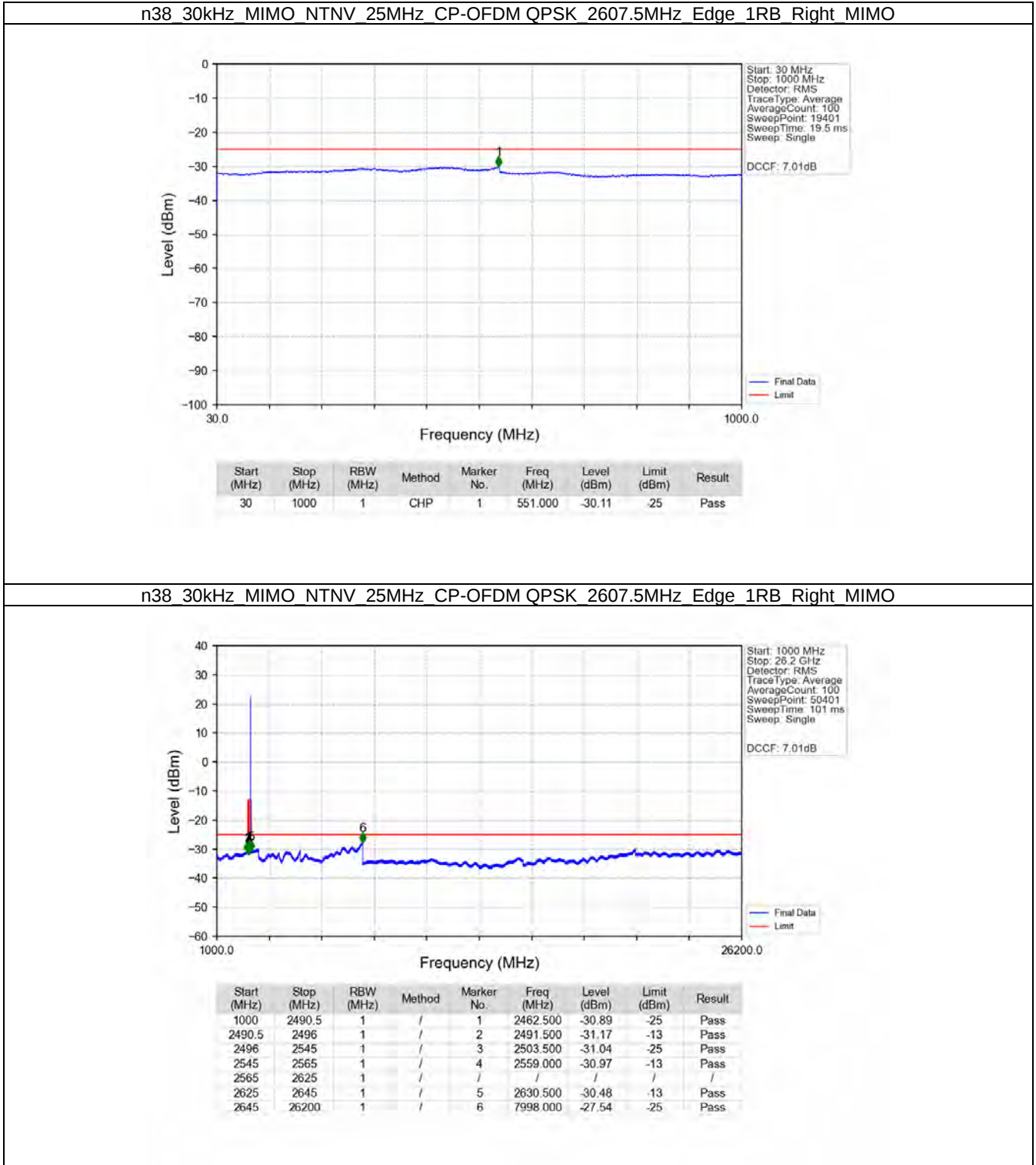
n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2607.5MHz Edge 1RB Right Ant2



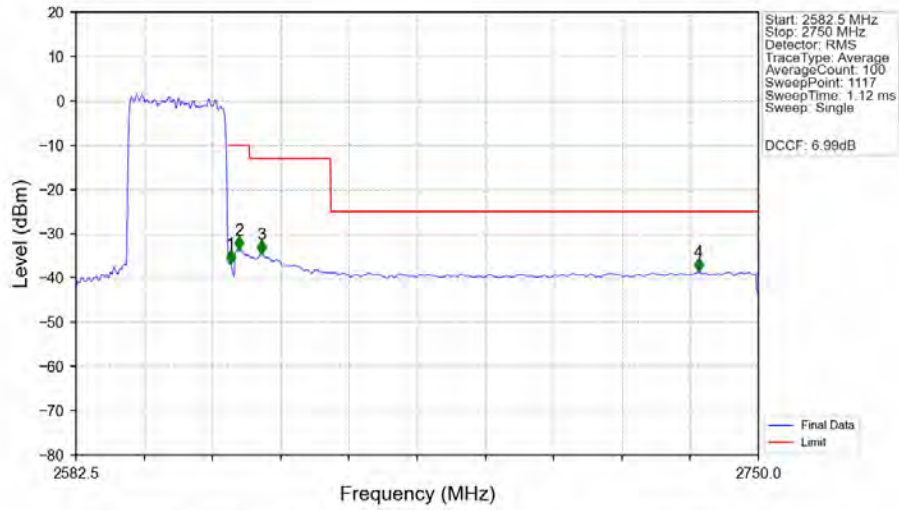
n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2607.5MHz Edge 1RB Right Ant2





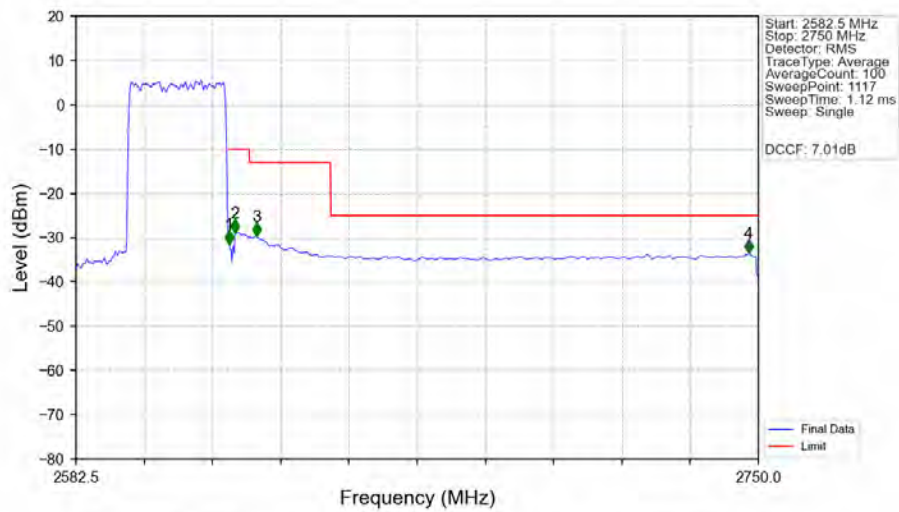


## n38\_30kHz\_MIMO\_NTNV\_25MHz\_CP-OFDM\_QPSK\_2607.5MHz\_Outer\_Full\_Ant1



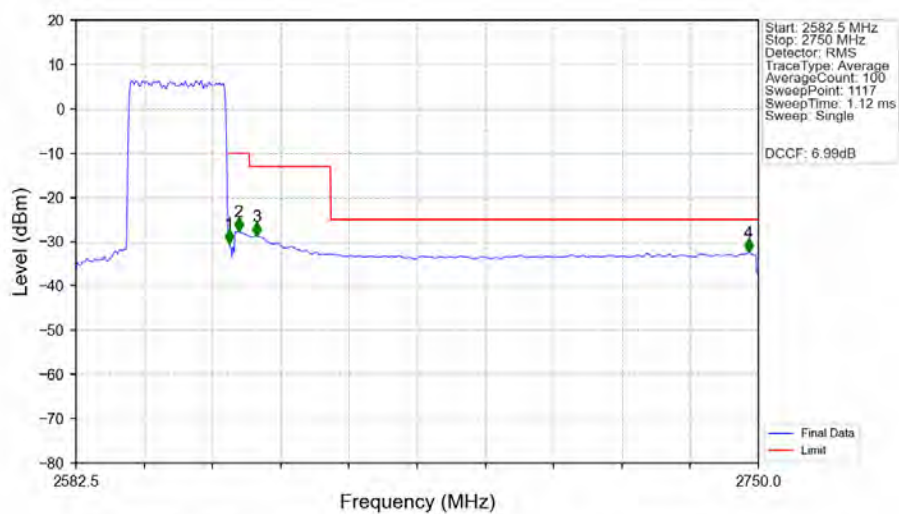
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.495     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.495     | CHP    | 1          | 2620.473   | -36.76      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2622.574   | -33.68      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2627.977   | -34.60      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2735.291   | -38.61      | -25         | Pass   |

## n38\_30kHz\_MIMO\_NTNV\_25MHz\_CP-OFDM\_QPSK\_2607.5MHz\_Outer\_Full\_Ant2



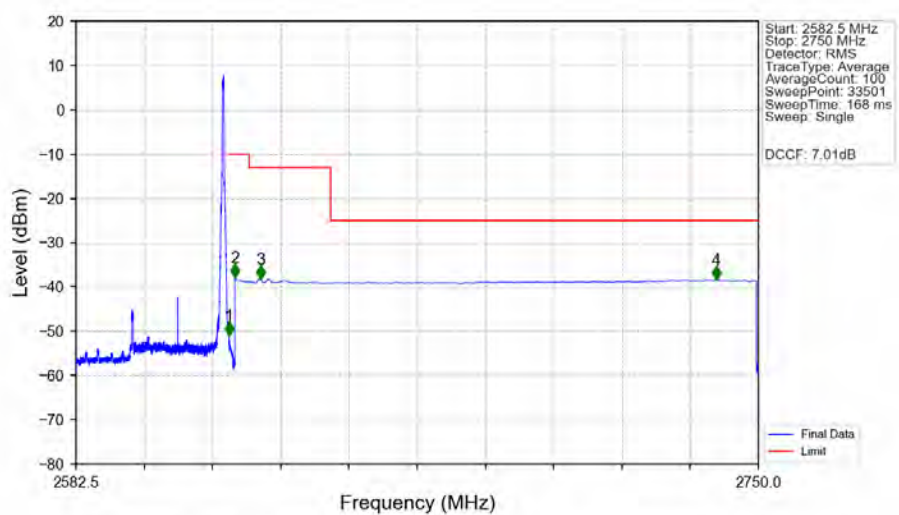
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.495     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.495     | CHP    | 1          | 2620.022   | -31.45      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.523   | -28.90      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2626.776   | -29.68      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2747.599   | -33.55      | -25         | Pass   |

## n38 30kHz MIMO NTV 25MHz CP-OFDM QPSK 2607.5MHz Outer Full MIMO



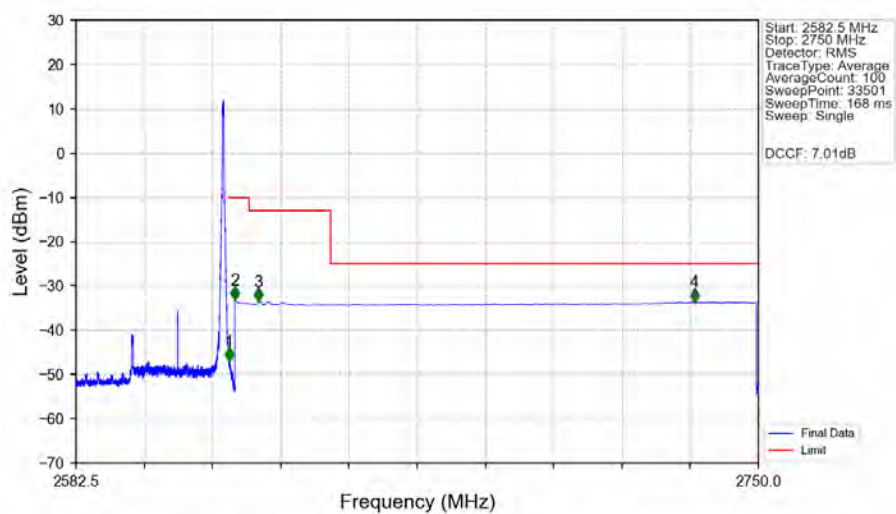
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.495     | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.495     | CHP    | 1          | 2620.022   | -30.36      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2622.424   | -27.71      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2626.776   | -28.71      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2747.599   | -32.42      | -25         | Pass   |

## n38 30kHz MIMO NTV 25MHz CP-OFDM QPSK 2607.5MHz Inner 1RB Right Ant1

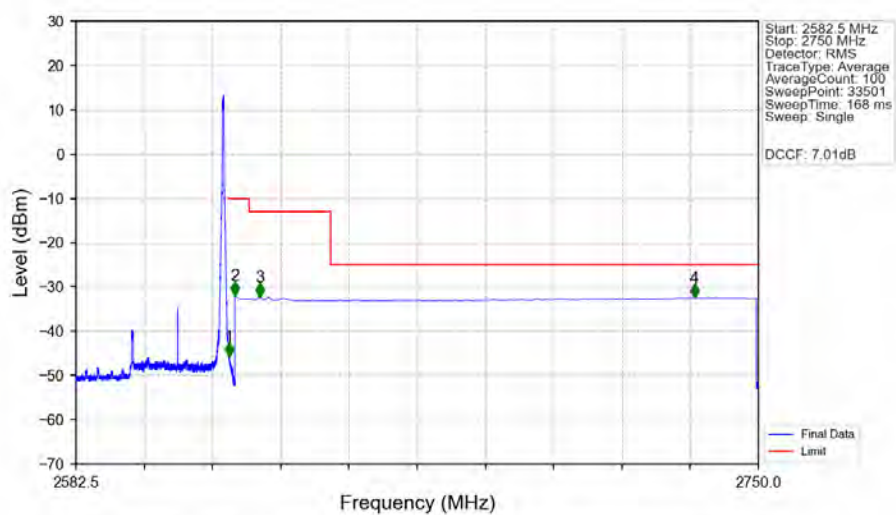


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2582.5      | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.020   | -50.99      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -37.93      | -10         | Pass   |
| 2625        | 2645       | 1         | CHP    | 3          | 2627.850   | -38.25      | -13         | Pass   |
| 2645        | 2750       | 1         | CHP    | 4          | 2739.640   | -38.41      | -25         | Pass   |

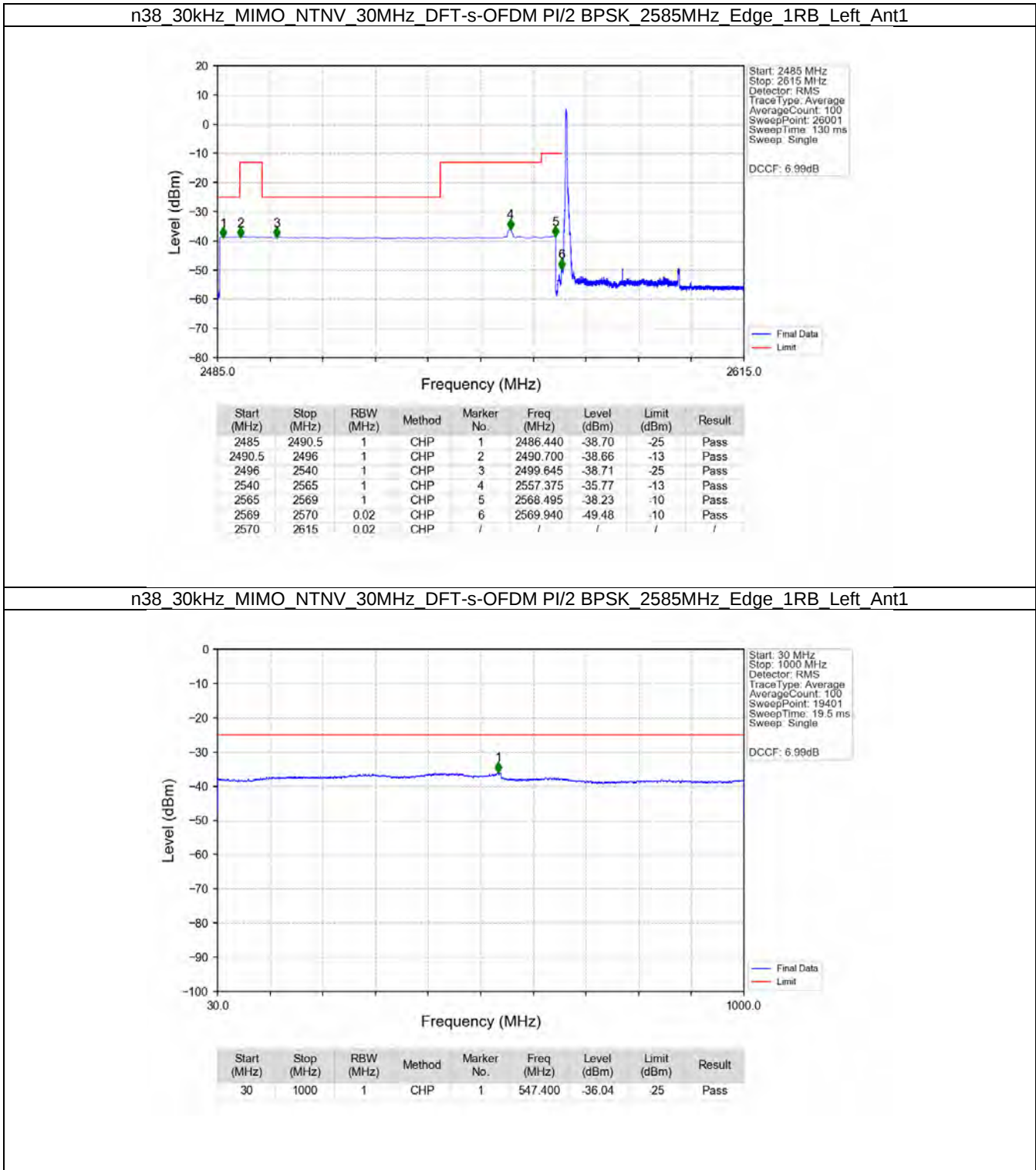
## n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2607.5MHz Inner 1RB Right Ant2

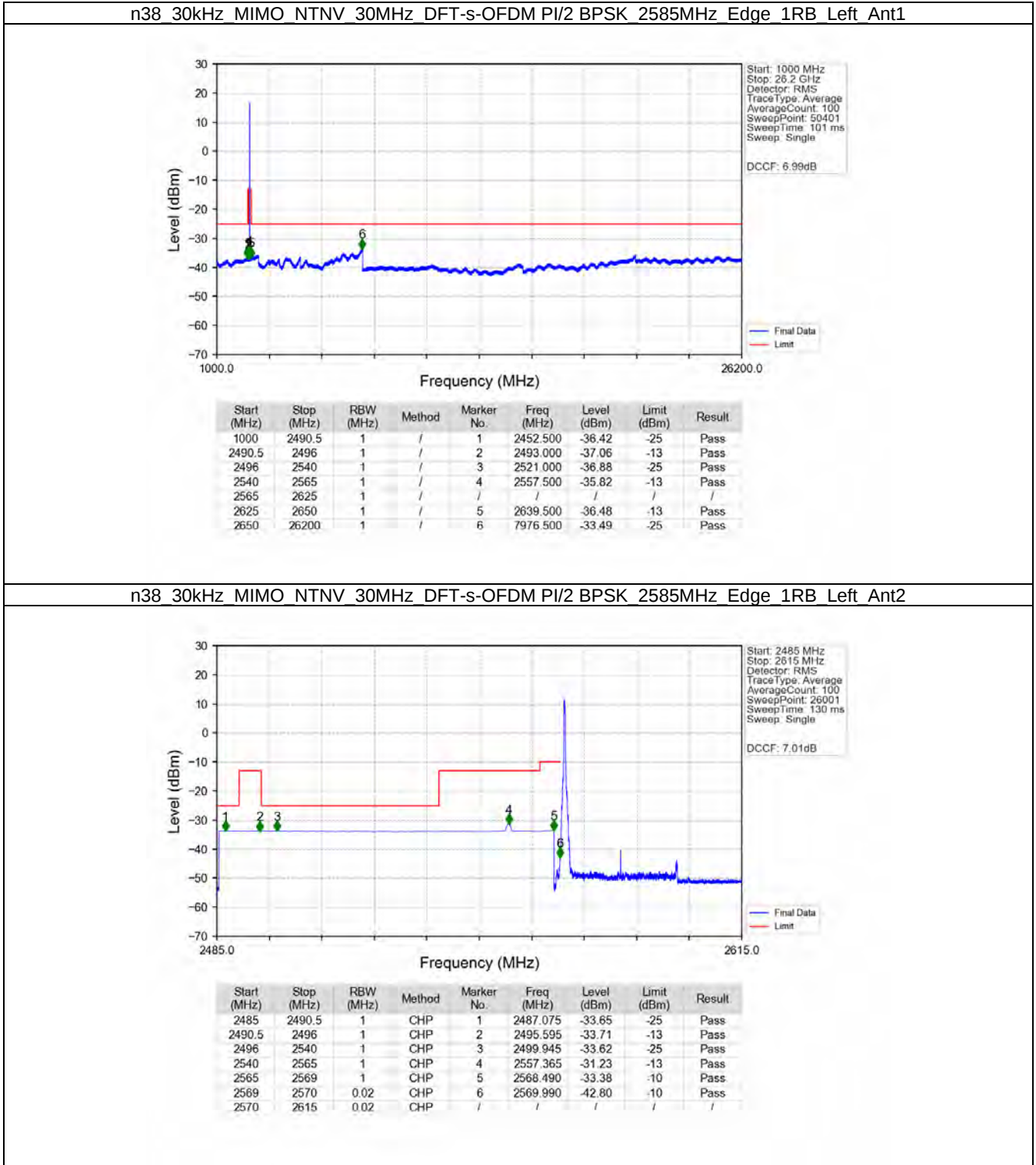


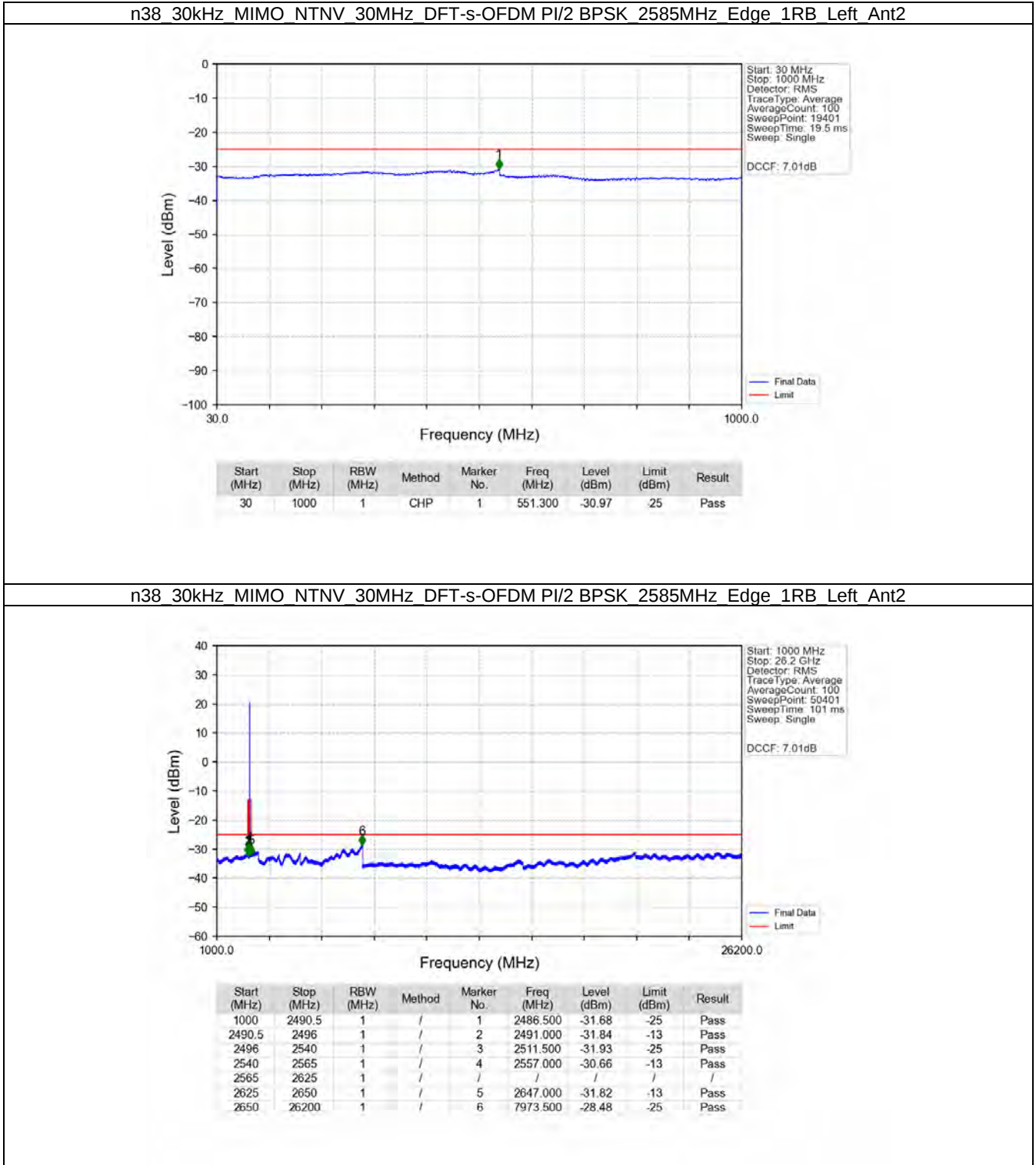
## n38 30kHz MIMO NTN 25MHz CP-OFDM QPSK 2607.5MHz Inner 1RB Right MIMO



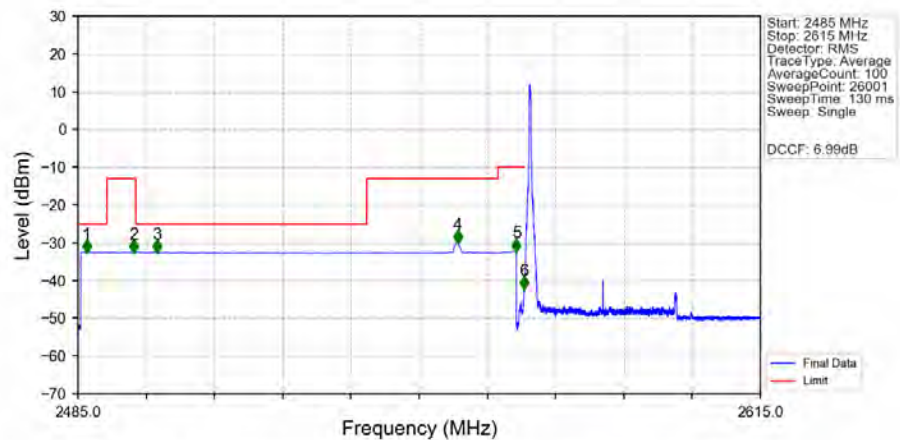
5.2.11 30k\_MIMO\_30MHz\_NTNV





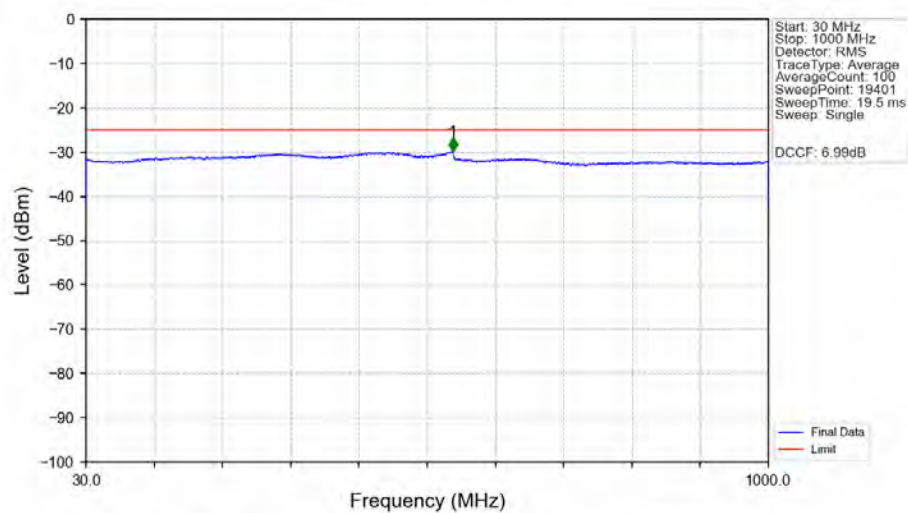


n38 30kHz MIMO NTNV 30MHz DFT-s-OFDM PI/2 BPSK 2585MHz Edge 1RB Left MIMO

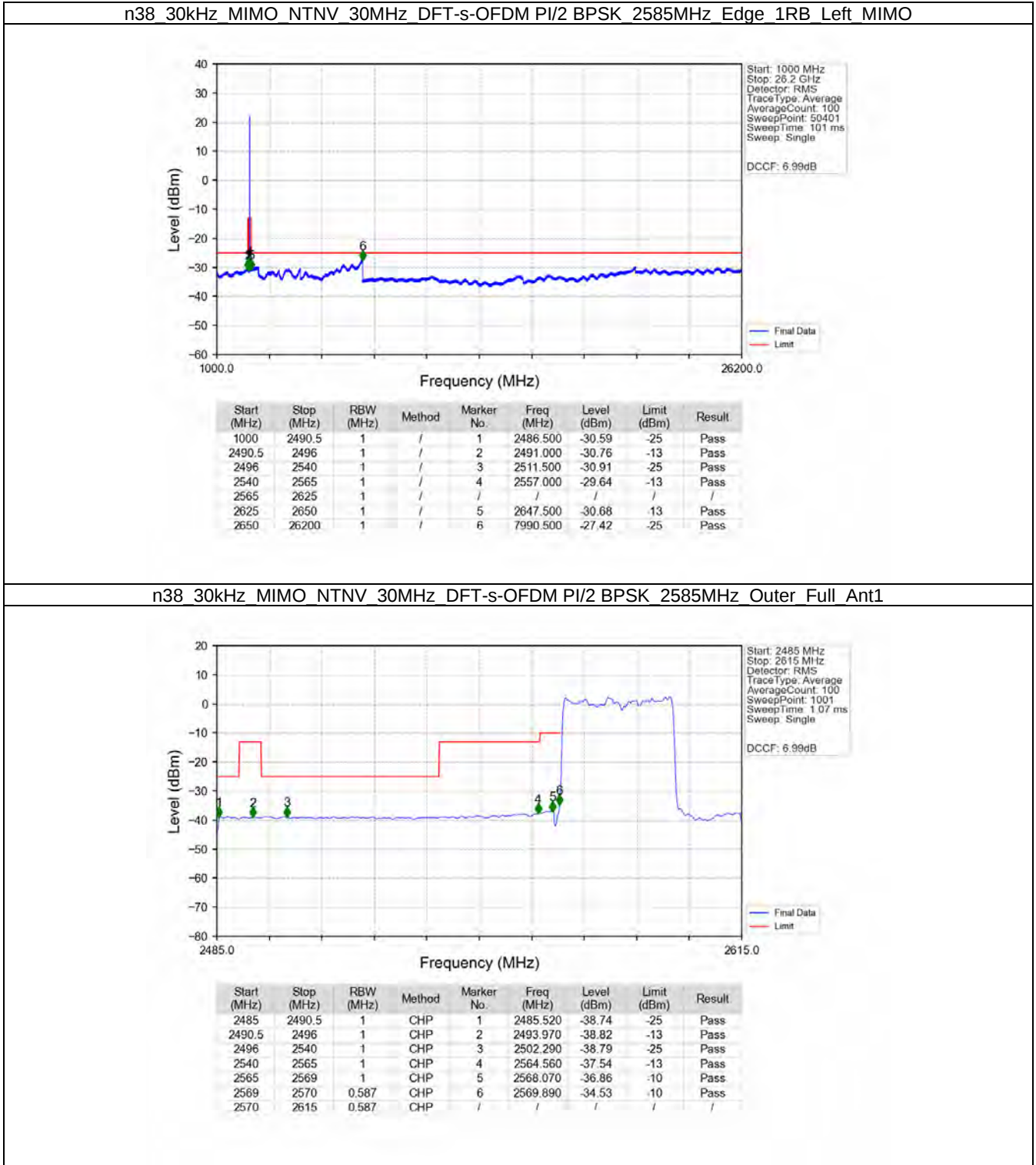


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2486.655   | -32.49      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.635   | -32.54      | -13         | Pass   |
| 2496        | 2540       | 1         | CHP    | 3          | 2500.025   | -32.46      | -25         | Pass   |
| 2540        | 2565       | 1         | CHP    | 4          | 2557.365   | -29.94      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.500   | -32.16      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.990   | -42.12      | -10         | Pass   |
| 2570        | 2615       | 0.02      | CHP    | /          | /          | /           | /           | /      |

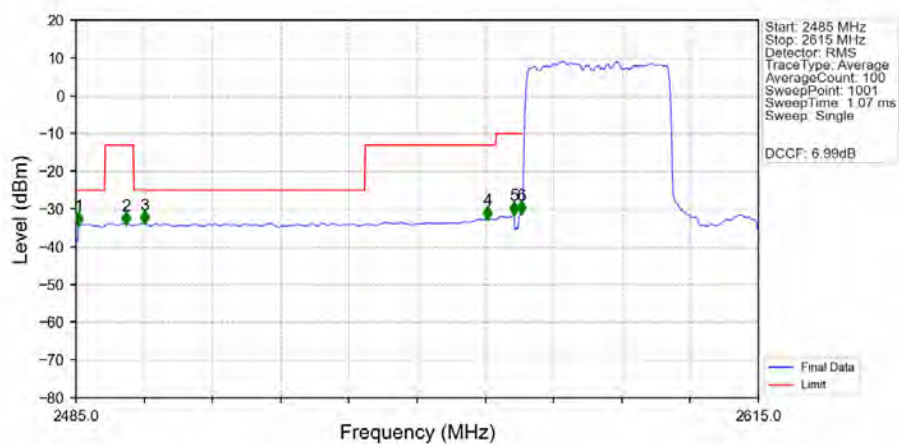
n38 30kHz MIMO NTNV 30MHz DFT-s-OFDM PI/2 BPSK 2585MHz Edge 1RB Left MIMO



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 551.300    | -29.85      | -25         | Pass   |

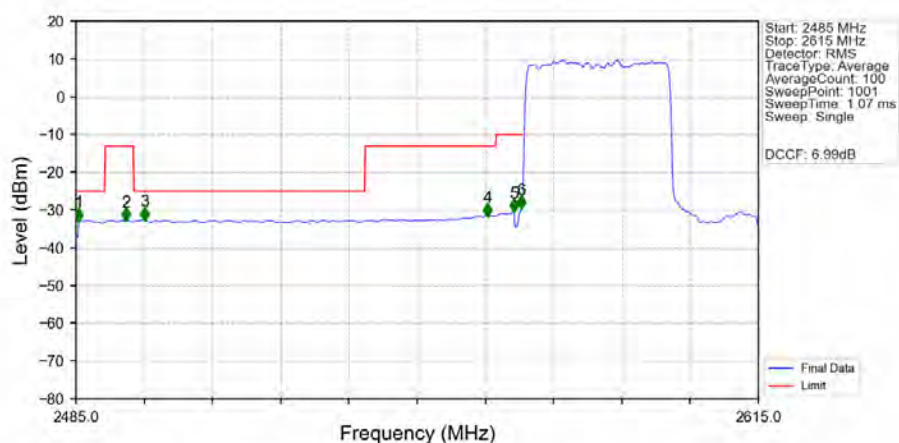


n38 30kHz MIMO NTNV 30MHz DFT-s-OFDM PI/2 BPSK 2585MHz Outer Full Ant2



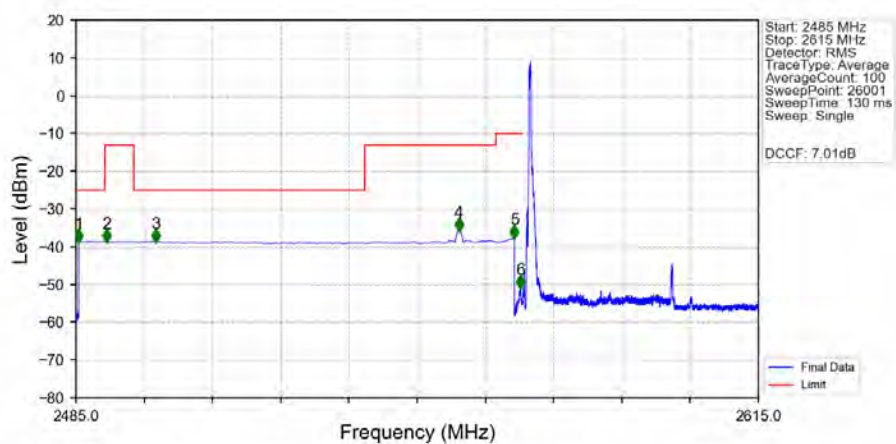
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2485.520   | -34.09      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2494.490   | -33.93      | -13         | Pass   |
| 2496        | 2540       | 1         | CHP    | 3          | 2498.000   | -33.76      | -25         | Pass   |
| 2540        | 2565       | 1         | CHP    | 4          | 2563.390   | -32.55      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.460   | -31.32      | -10         | Pass   |
| 2569        | 2570       | 0.587     | CHP    | 6          | 2569.890   | -31.20      | -10         | Pass   |
| 2570        | 2615       | 0.587     | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNV 30MHz DFT-s-OFDM PI/2 BPSK 2585MHz Outer Full MIMO



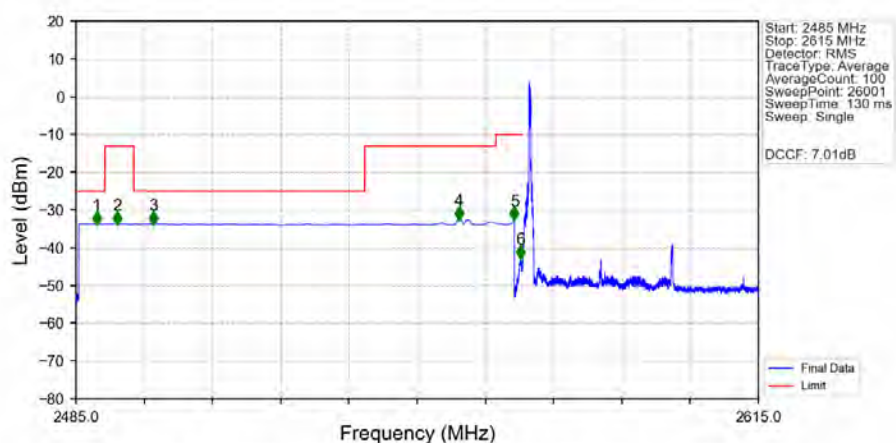
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2485.520   | -32.81      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2494.490   | -32.75      | -13         | Pass   |
| 2496        | 2540       | 1         | CHP    | 3          | 2498.000   | -32.60      | -25         | Pass   |
| 2540        | 2565       | 1         | CHP    | 4          | 2563.390   | -31.49      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.460   | -30.26      | -10         | Pass   |
| 2569        | 2570       | 0.587     | CHP    | 6          | 2569.890   | -29.54      | -10         | Pass   |
| 2570        | 2615       | 0.587     | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNv 30MHz DFT-s-OFDM PI/2 BPSK 2585MHz Inner 1RB Left Ant1



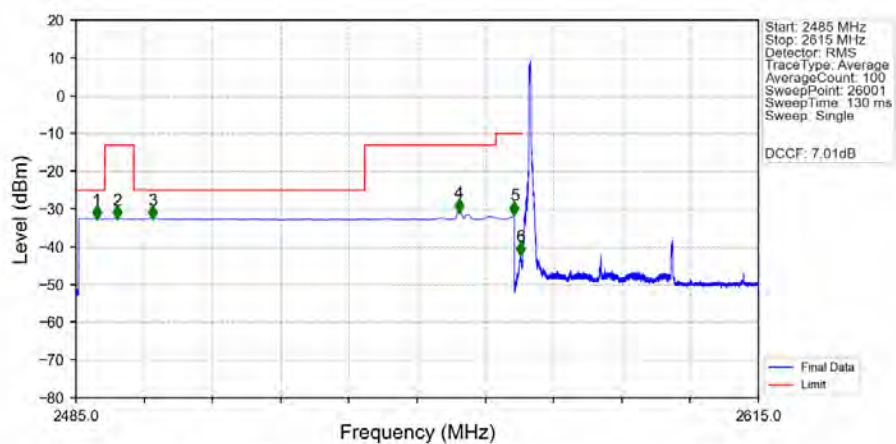
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2485.520   | -38.67      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2490.910   | -38.70      | -13         | Pass   |
| 2496        | 2540       | 1         | CHP    | 3          | 2500.260   | -38.65      | -25         | Pass   |
| 2540        | 2565       | 1         | CHP    | 4          | 2557.915   | -35.64      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.500   | -37.64      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.625   | -50.83      | -10         | Pass   |
| 2570        | 2615       | 0.02      | CHP    | /          | /          | /           | /           | /      |

n38 30kHz MIMO NTNv 30MHz DFT-s-OFDM PI/2 BPSK 2585MHz Inner 1RB Left Ant2



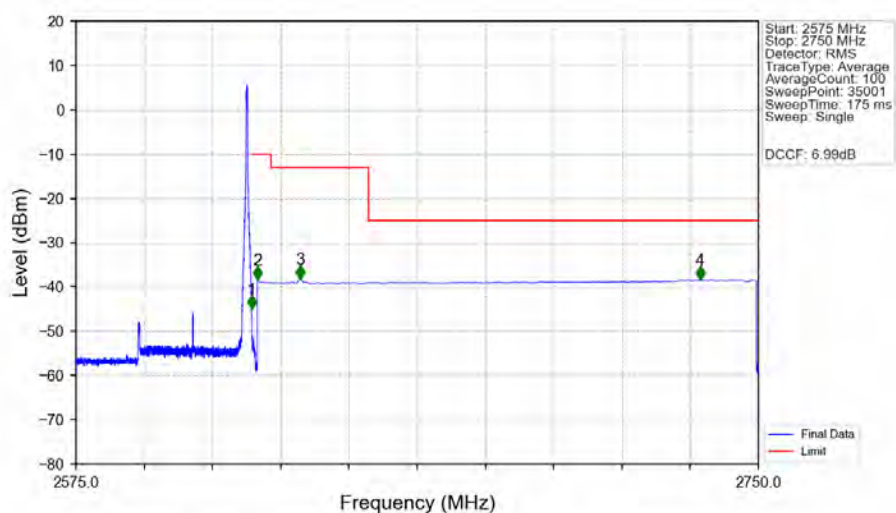
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2488.960   | -33.66      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.810   | -33.63      | -13         | Pass   |
| 2496        | 2540       | 1         | CHP    | 3          | 2499.675   | -33.63      | -25         | Pass   |
| 2540        | 2565       | 1         | CHP    | 4          | 2557.935   | -32.35      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.500   | -32.48      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.715   | -42.62      | -10         | Pass   |
| 2570        | 2615       | 0.02      | CHP    | /          | /          | /           | /           | /      |

## n38 30kHz MIMO NTNV 30MHz DFT-s-OFDM PI/2 BPSK 2585MHz Inner 1RB Left MIMO

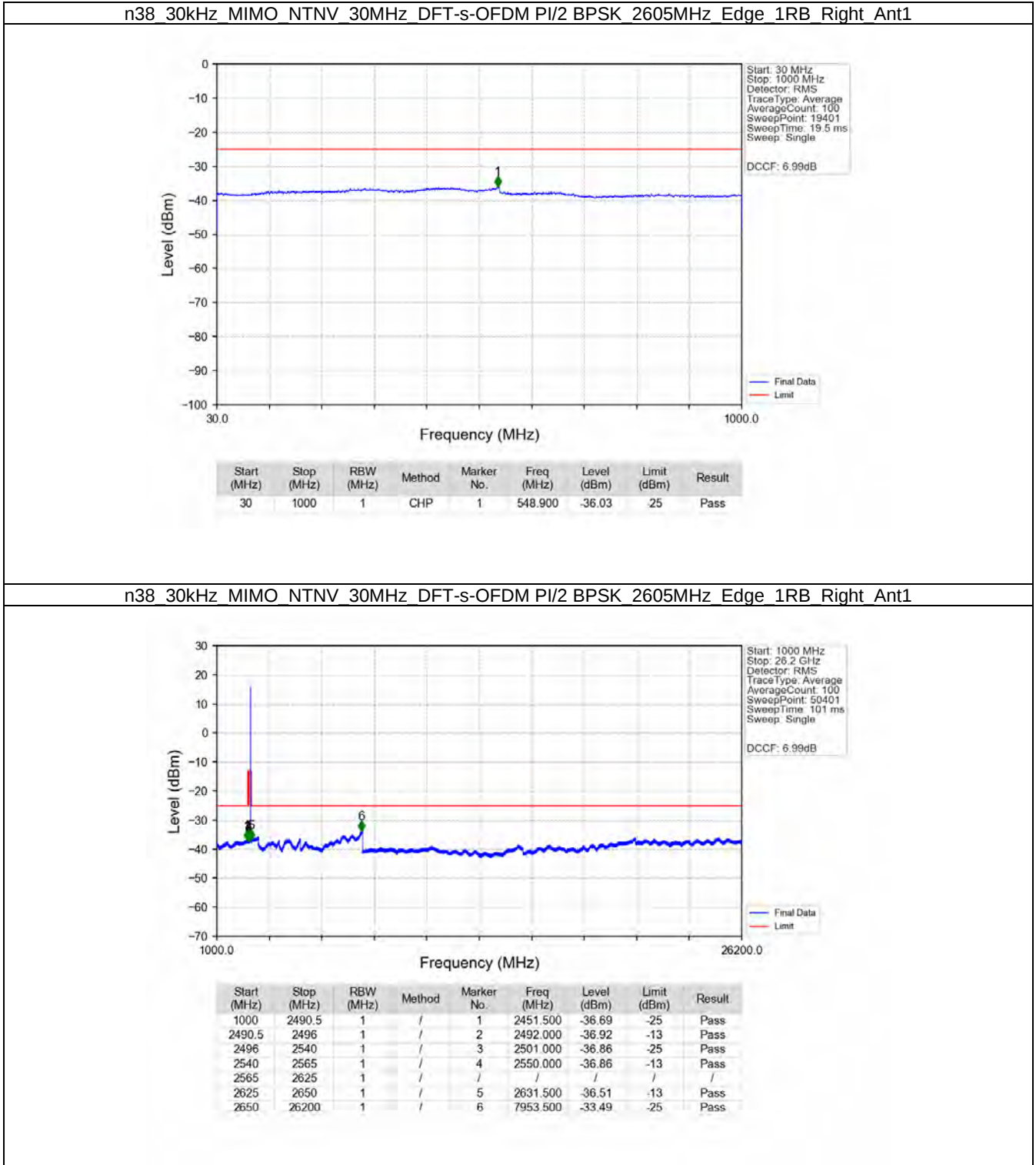


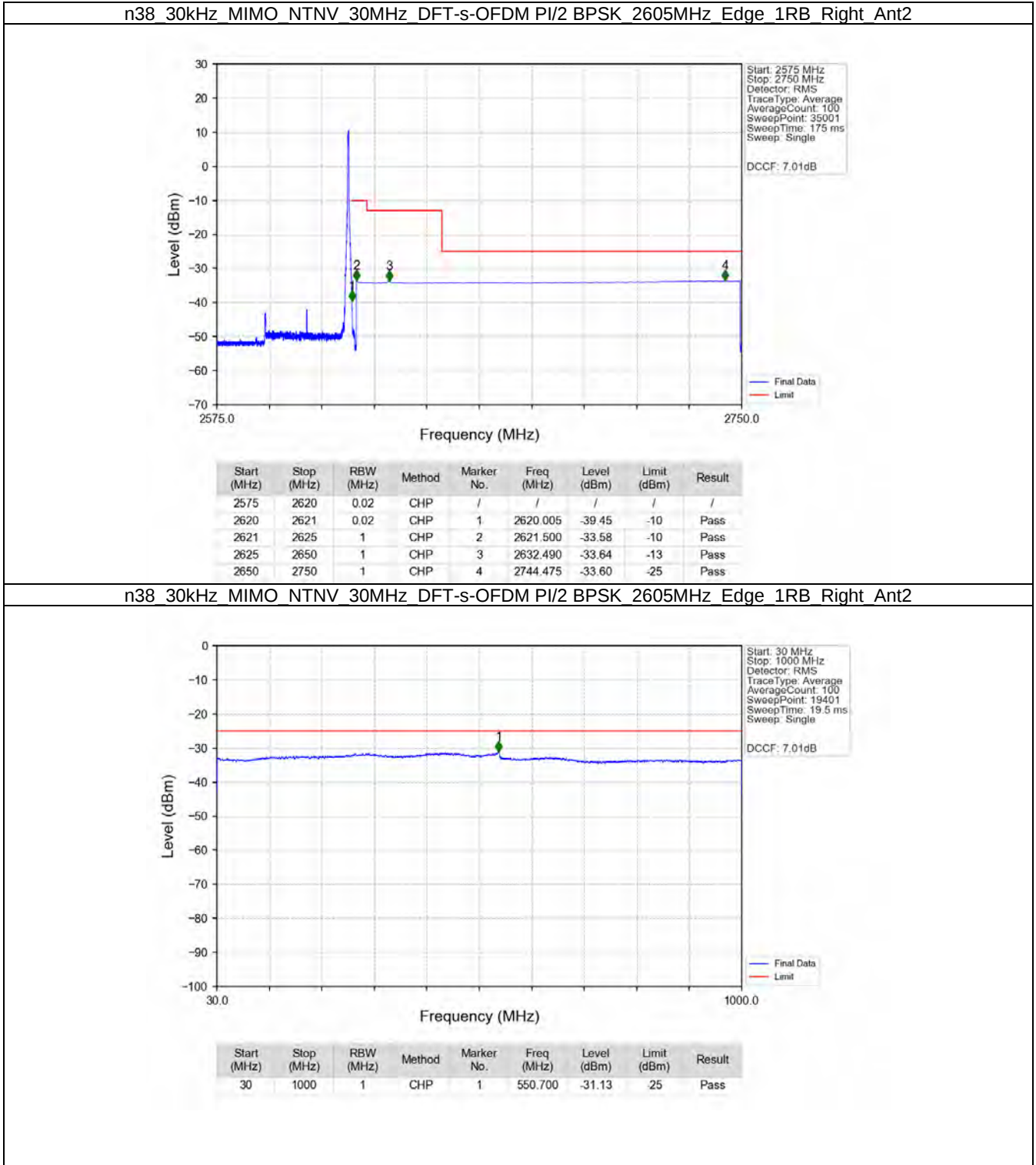
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2488.970   | -32.49      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2492.815   | -32.47      | -13         | Pass   |
| 2496        | 2540       | 1         | CHP    | 3          | 2499.670   | -32.45      | -25         | Pass   |
| 2540        | 2565       | 1         | CHP    | 4          | 2557.935   | -30.68      | -13         | Pass   |
| 2565        | 2569       | 1         | CHP    | 5          | 2568.500   | -31.32      | -10         | Pass   |
| 2569        | 2570       | 0.02      | CHP    | 6          | 2569.710   | -42.10      | -10         | Pass   |
| 2570        | 2615       | 0.02      | CHP    | /          | /          | /           | /           | /      |

## n38 30kHz MIMO NTNV 30MHz DFT-s-OFDM PI/2 BPSK 2605MHz Edge 1RB Right Ant1

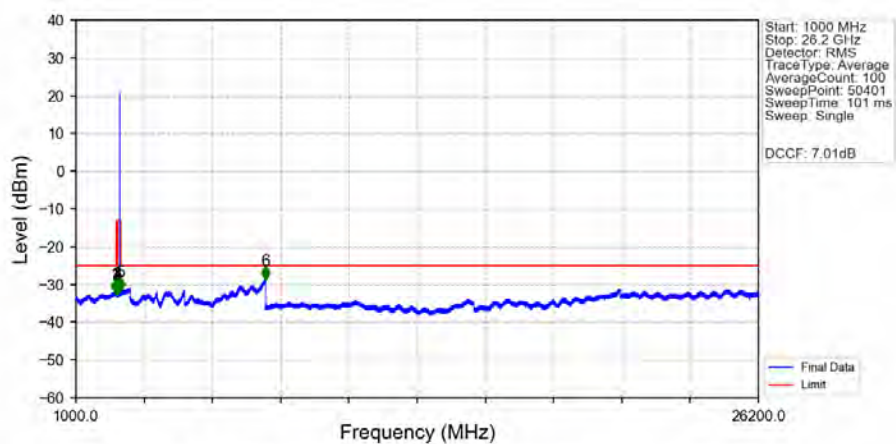


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2575        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.005   | -45.02      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -38.44      | -10         | Pass   |
| 2625        | 2650       | 1         | CHP    | 3          | 2632.515   | -38.21      | -13         | Pass   |
| 2650        | 2750       | 1         | CHP    | 4          | 2735.035   | -38.42      | -25         | Pass   |



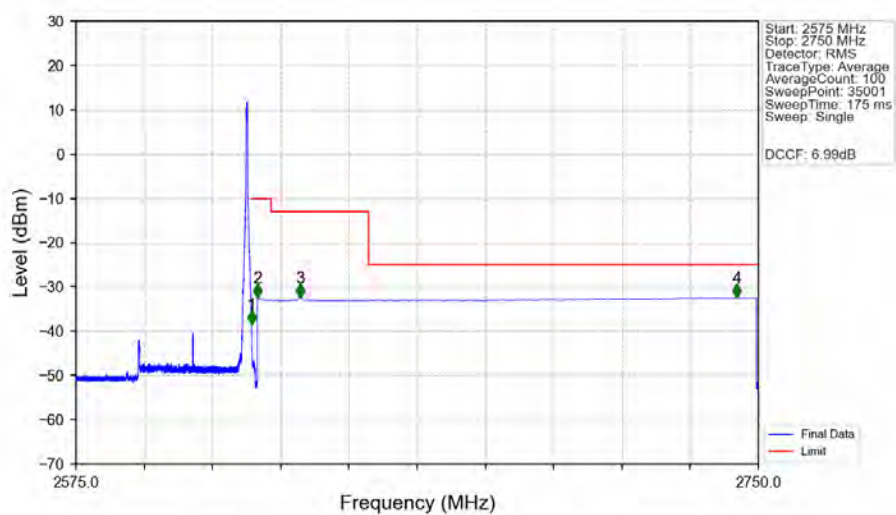


n38 30kHz MIMO NTNV 30MHz DFT-s-OFDM PI/2 BPSK 2605MHz Edge 1RB Right Ant2



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 2490.5     | 1         | /      | 1          | 2455.500   | -31.89      | -25         | Pass   |
| 2490.5      | 2496       | 1         | /      | 2          | 2493.000   | -32.25      | -13         | Pass   |
| 2496        | 2540       | 1         | /      | 3          | 2506.000   | -31.97      | -25         | Pass   |
| 2540        | 2565       | 1         | /      | 4          | 2548.500   | -32.26      | -13         | Pass   |
| 2565        | 2625       | 1         | /      | /          | /          | /           | /           | /      |
| 2625        | 2650       | 1         | /      | 5          | 2632.500   | -31.42      | -13         | Pass   |
| 2650        | 26200      | 1         | /      | 6          | 2796.500   | -28.45      | -25         | Pass   |

n38 30kHz MIMO NTNV 30MHz DFT-s-OFDM PI/2 BPSK 2605MHz Edge 1RB Right MIMO



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2575        | 2620       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2620        | 2621       | 0.02      | CHP    | 1          | 2620.005   | -38.40      | -10         | Pass   |
| 2621        | 2625       | 1         | CHP    | 2          | 2621.500   | -32.37      | -10         | Pass   |
| 2625        | 2650       | 1         | CHP    | 3          | 2632.485   | -32.36      | -13         | Pass   |
| 2650        | 2750       | 1         | CHP    | 4          | 2744.455   | -32.41      | -25         | Pass   |