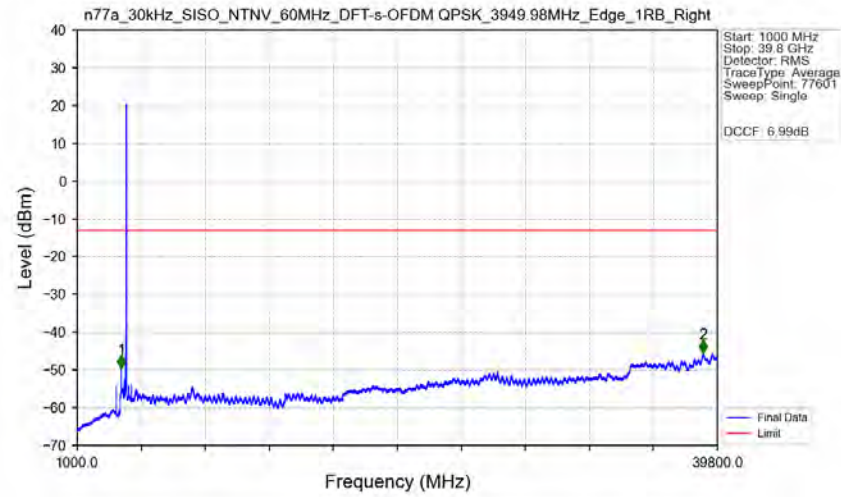
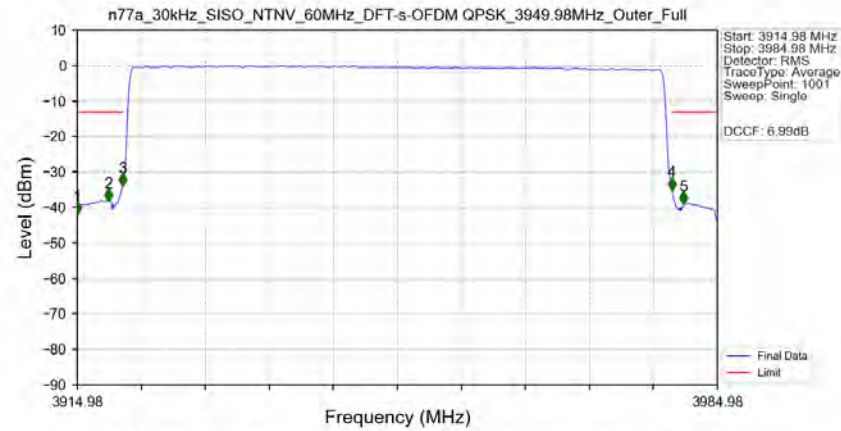


n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right Ant1



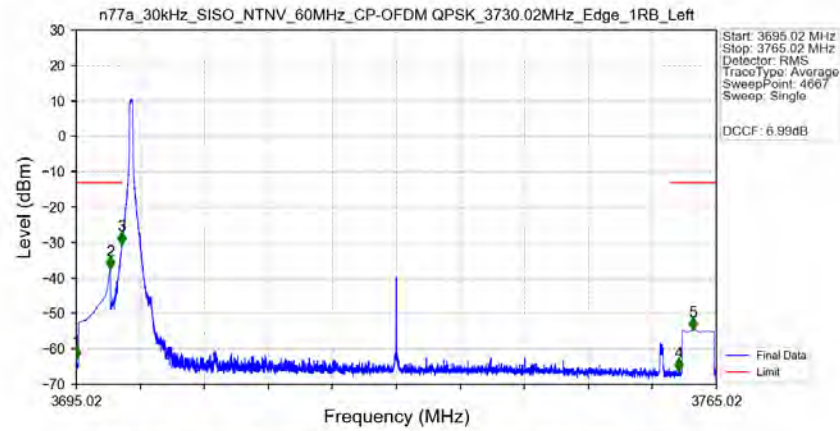
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3914.98    | 1         | /      | 1          | 3671.500   | -49.46      | -13         | Pass   |
| 3914.98     | 3984.98    | 1         | /      | /          | /          | /           | /           | /      |
| 3984.98     | 39800      | 1         | /      | 2          | 38926.000  | -45.55      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_60MHz\_DFT-s-OFDM\_QPSK\_3949.98MHz\_Outer\_Full\_Ant1



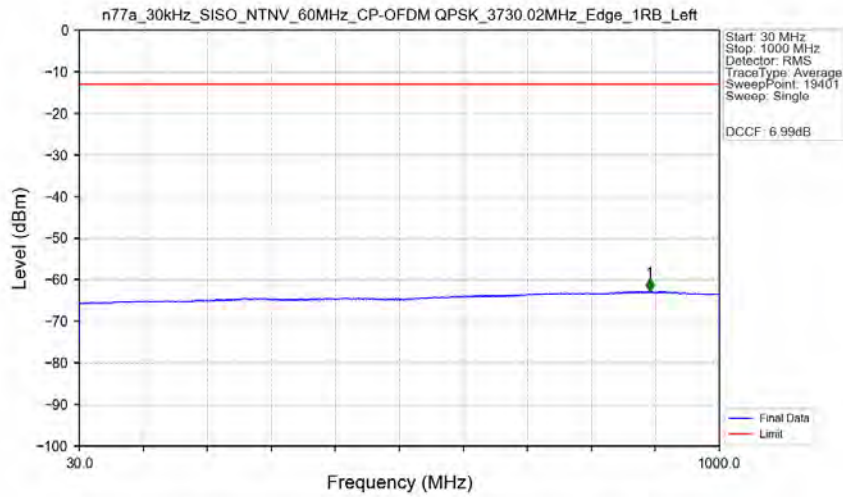
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3914.98     | 3914.98    | 0.5       | /      | 1          | 3914.980   | -41.62      | -13         | Pass   |
| 3914.98     | 3918.98    | 0.5       | CHP    | 2          | 3918.410   | -37.94      | -13         | Pass   |
| 3918.98     | 3919.98    | 0.35      | CHP    | 3          | 3919.950   | -33.76      | -13         | Pass   |
| 3919.98     | 3979.98    | 0.35      | CHP    | /          | /          | /           | /           | /      |
| 3979.98     | 3980.98    | 0.35      | CHP    | 4          | 3980.010   | -34.89      | -13         | Pass   |
| 3980.98     | 3984.98    | 0.5       | CHP    | 5          | 3981.270   | -38.82      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3730.02MHz\_Edge\_1RB\_Left\_Ant1



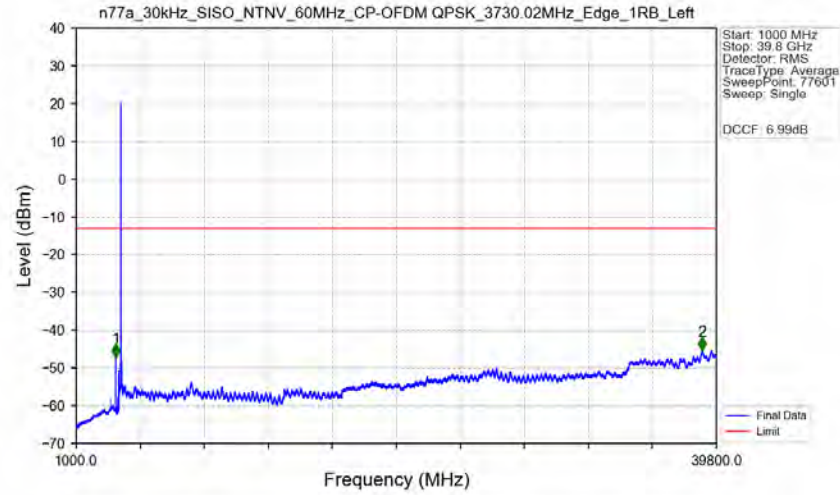
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695.02     | 3695.02    | 0.5       | /      | 1          | 3695.020   | -62.68      | -13         | Pass   |
| 3695.02     | 3699.02    | 0.5       | CHP    | 2          | 3698.756   | -37.18      | -13         | Pass   |
| 3699.02     | 3700.02    | 0.03      | /      | 3          | 3699.986   | -30.29      | -13         | Pass   |
| 3700.02     | 3760.02    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3760.02     | 3761.02    | 0.03      | /      | 4          | 3760.909   | -65.98      | -13         | Pass   |
| 3761.02     | 3765.02    | 0.5       | CHP    | 5          | 3762.485   | -54.53      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3730.02MHz\_Edge\_1RB\_Left\_Ant1



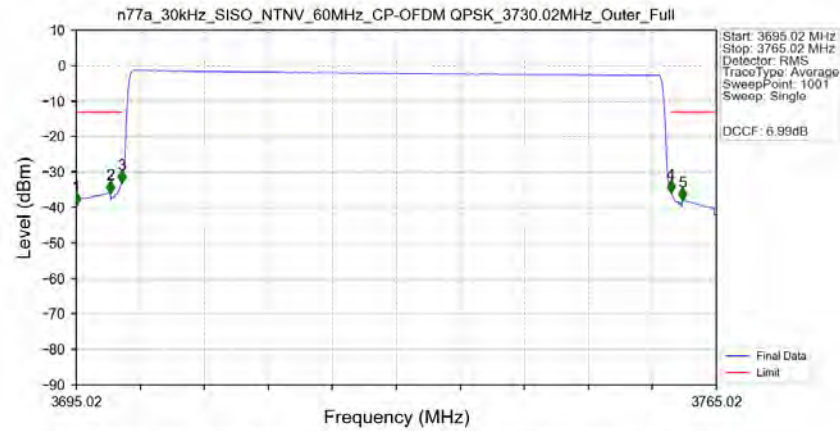
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 894.150    | -62.80      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3730.02MHz\_Edge\_1RB\_Left\_Ant1



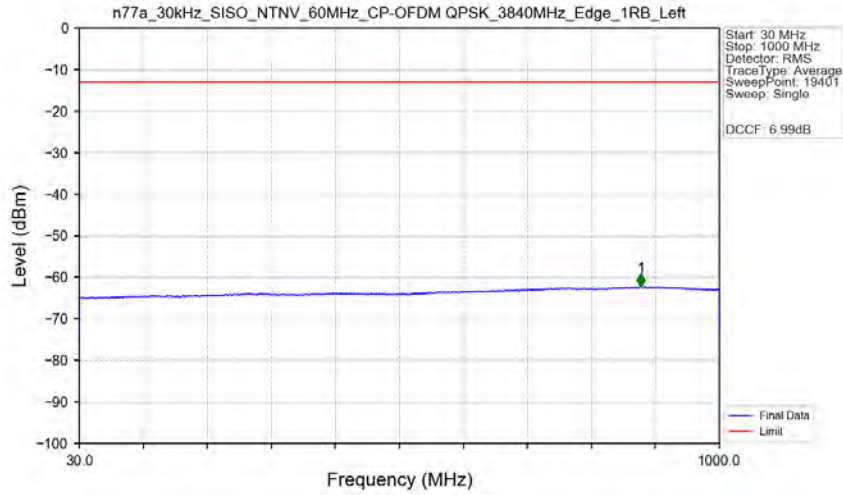
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3695.02    | 1         | /      | 1          | 3394.000   | -47.15      | -13         | Pass   |
| 3695.02     | 3765.02    | 1         | /      | /          | /          | /           | /           | /      |
| 3765.02     | 39800      | 1         | /      | 2          | 38935.000  | -45.28      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3730.02MHz\_Outer\_Full\_Ant1

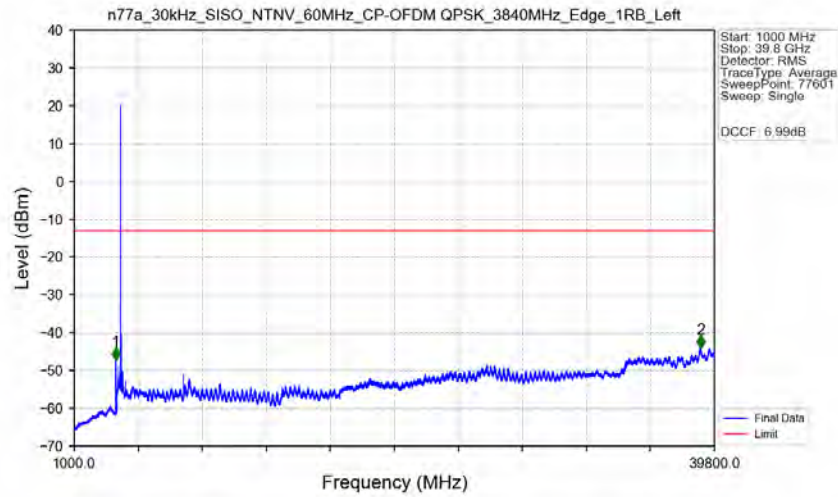


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695.02     | 3695.02    | 0.5       | /      | 1          | 3695.020   | -38.97      | -13         | Pass   |
| 3695.02     | 3699.02    | 0.5       | CHP    | 2          | 3698.730   | -35.74      | -13         | Pass   |
| 3699.02     | 3700.02    | 0.35      | CHP    | 3          | 3699.990   | -32.80      | -13         | Pass   |
| 3700.02     | 3760.02    | 0.35      | CHP    | /          | /          | /           | /           | /      |
| 3760.02     | 3761.02    | 0.35      | CHP    | 4          | 3760.050   | -35.56      | -13         | Pass   |
| 3761.02     | 3765.02    | 0.5       | CHP    | 5          | 3761.310   | -37.79      | -13         | Pass   |

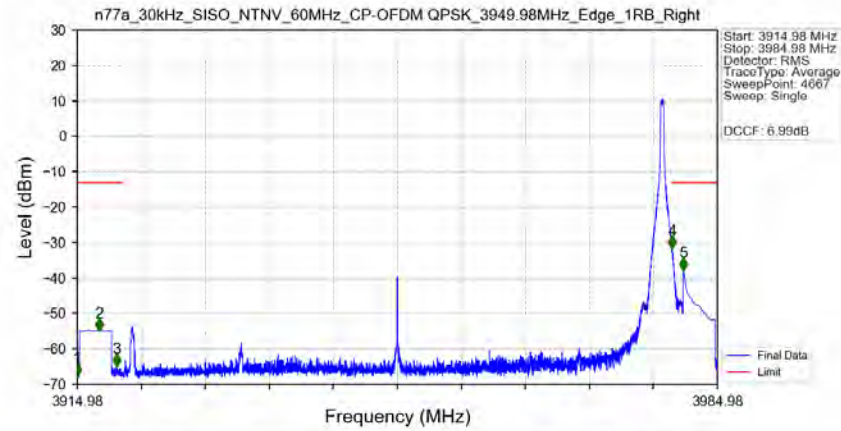
n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left\_Ant1



n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left\_Ant1

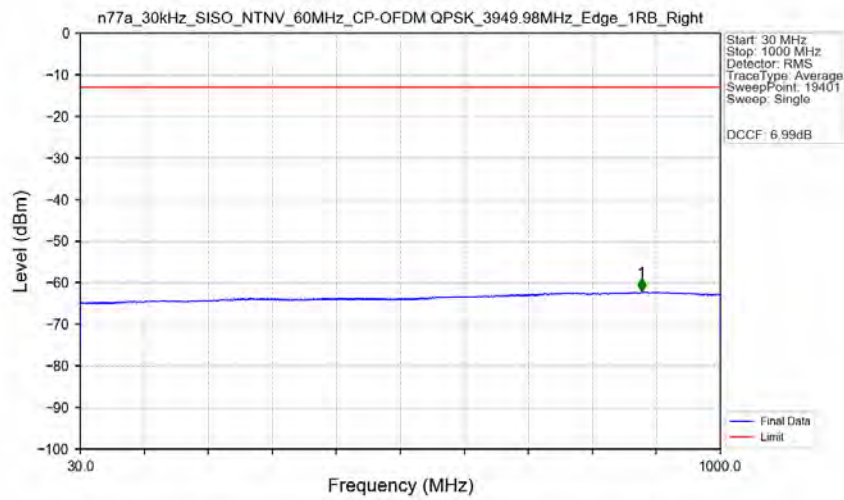


n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right\_Ant1



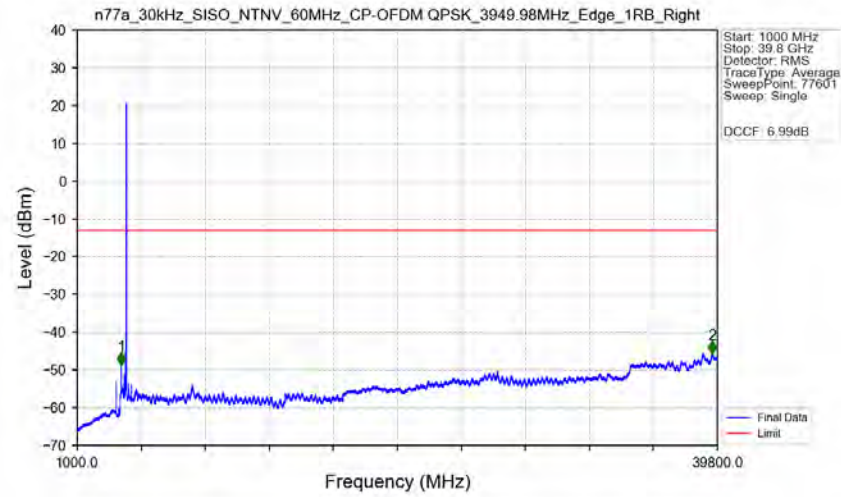
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3914.98     | 3914.98    | 0.5       | /      | 1          | 3914.980   | -67.37      | -13         | Pass   |
| 3914.98     | 3918.98    | 0.5       | CHP    | 2          | 3917.395   | -54.73      | -13         | Pass   |
| 3918.98     | 3919.98    | 0.03      | /      | 3          | 3919.316   | -64.82      | -13         | Pass   |
| 3919.98     | 3979.98    | 0.03      | /      | /          | /          | /           | /           | /      |
| 3979.98     | 3980.98    | 0.03      | /      | 4          | 3980.029   | -31.49      | -13         | Pass   |
| 3980.98     | 3984.98    | 0.5       | CHP    | 5          | 3981.244   | -37.60      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right\_Ant1



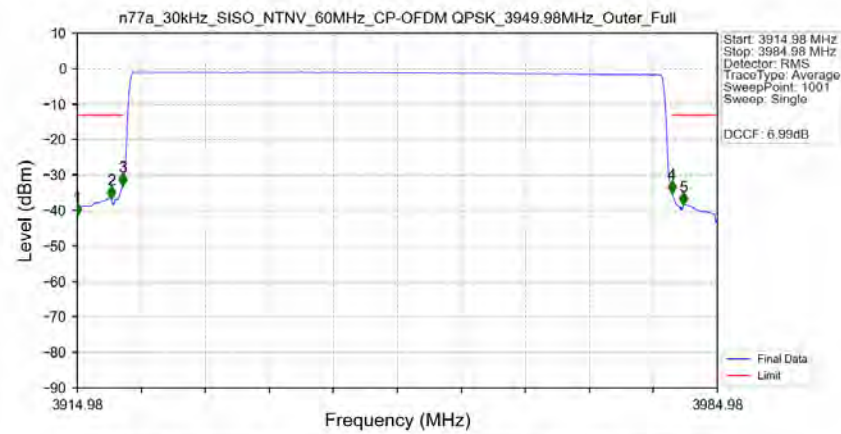
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 880.700    | -62.11      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Edge\_1RB\_Right Ant1



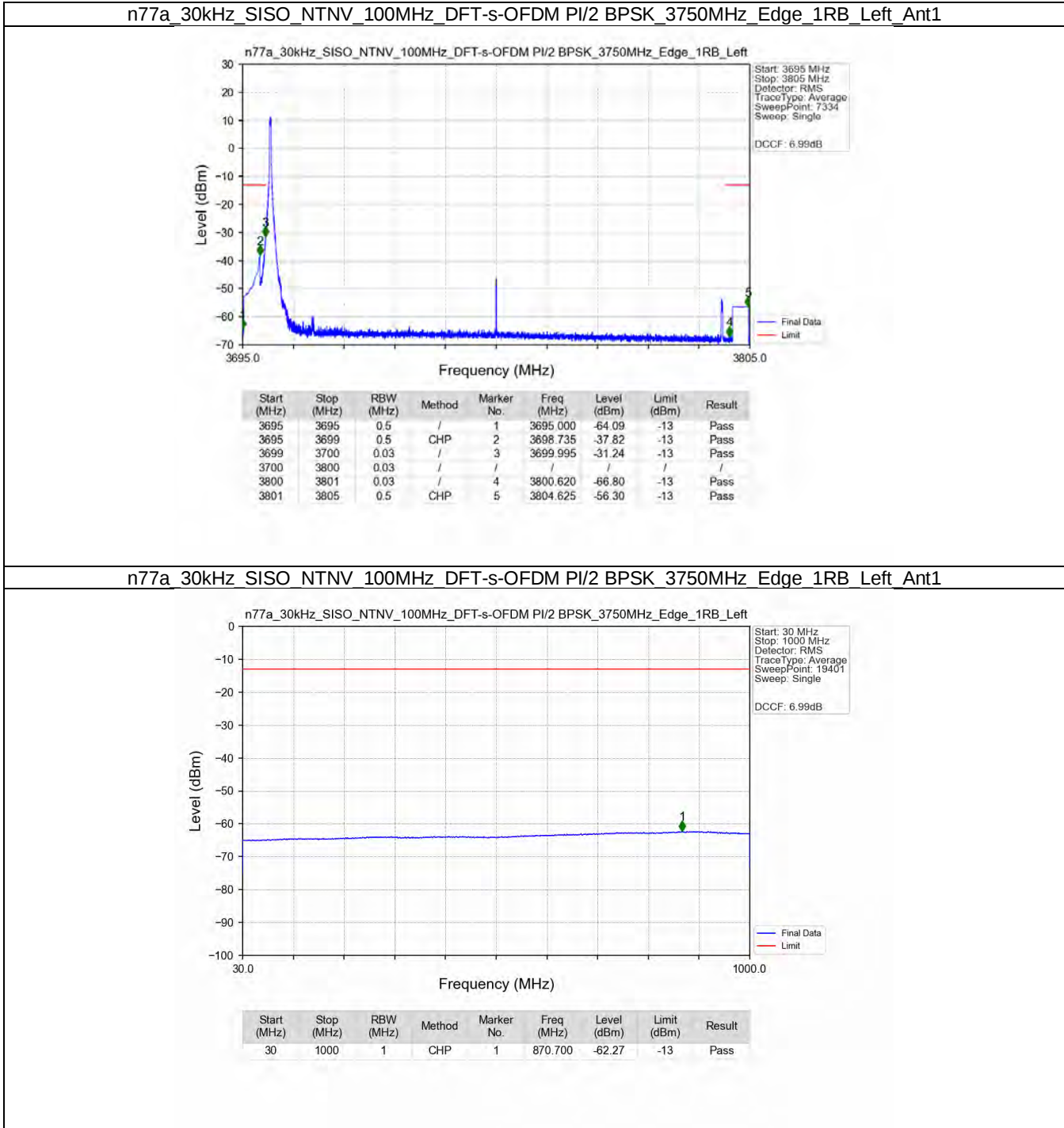
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3914.98    | 1         | /      | 1          | 3672.000   | -48.72      | -13         | Pass   |
| 3914.98     | 3984.98    | 1         | /      | /          | /          | /           | /           | /      |
| 3984.98     | 39800      | 1         | /      | 2          | 39501.000  | -45.62      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_60MHz\_CP-OFDM\_QPSK\_3949.98MHz\_Outer\_Full\_Ant1

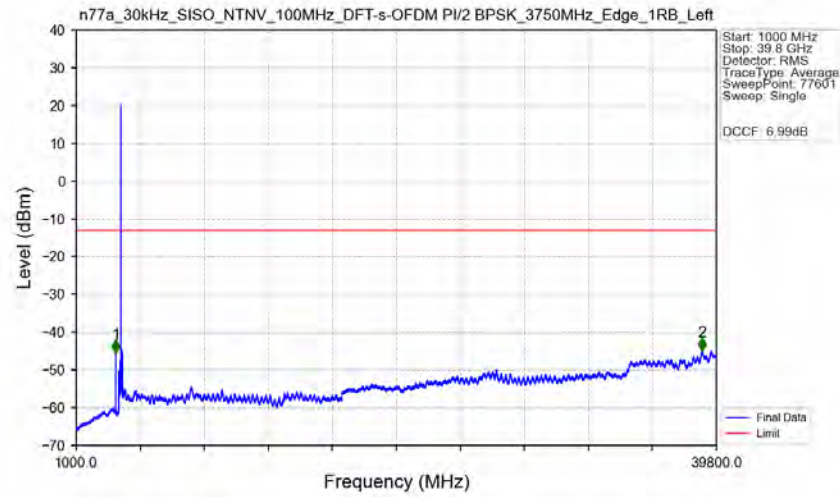


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3914.98     | 3914.98    | 0.5       | /      | 1          | 3914.980   | -41.19      | -13         | Pass   |
| 3914.98     | 3918.98    | 0.5       | CHP    | 2          | 3918.690   | -36.38      | -13         | Pass   |
| 3918.98     | 3919.98    | 0.35      | CHP    | 3          | 3919.950   | -32.73      | -13         | Pass   |
| 3919.98     | 3979.98    | 0.35      | CHP    | /          | /          | /           | /           | /      |
| 3979.98     | 3980.98    | 0.35      | CHP    | 4          | 3980.010   | -34.86      | -13         | Pass   |
| 3980.98     | 3984.98    | 0.5       | CHP    | 5          | 3981.270   | -38.22      | -13         | Pass   |

5.2.3 30k\_SISO\_100MHz\_NTNV

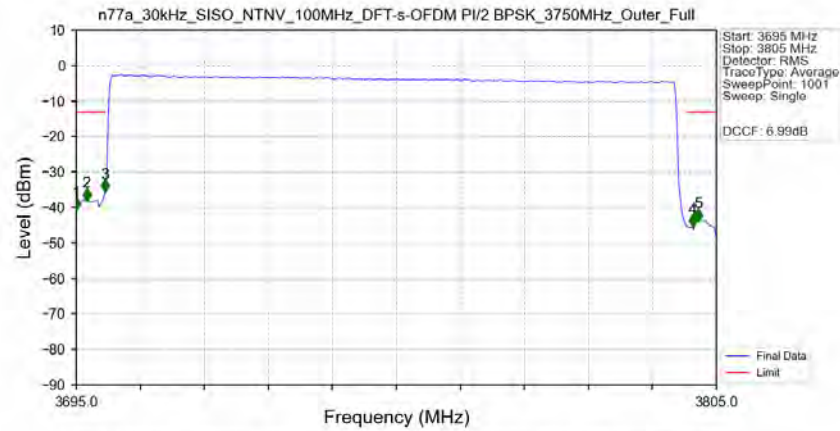


n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3750MHz\_Edge\_1RB\_Left\_Ant1



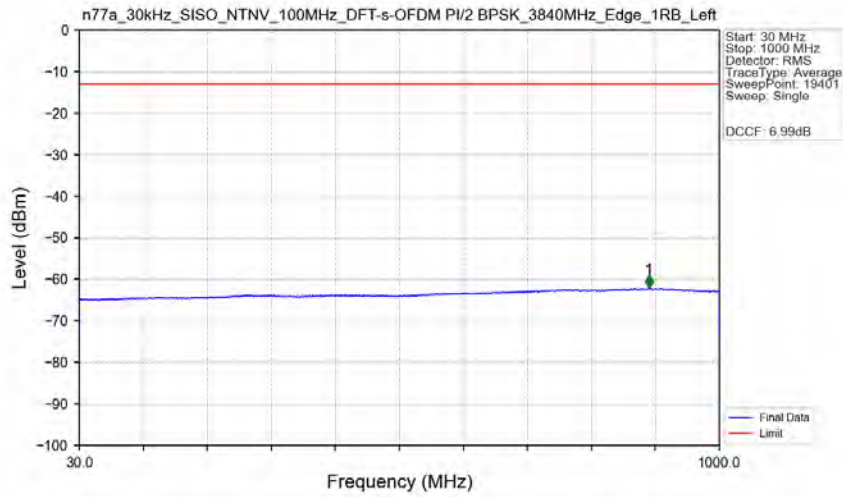
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3695       | 1         | /      | 1          | 3394.000   | -45.44      | -13         | Pass   |
| 3695        | 3805       | 1         | /      | /          | /          | /           | /           | /      |
| 3805        | 39800      | 1         | /      | 2          | 38944.500  | -44.80      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3750MHz\_Outer\_Full\_Ant1

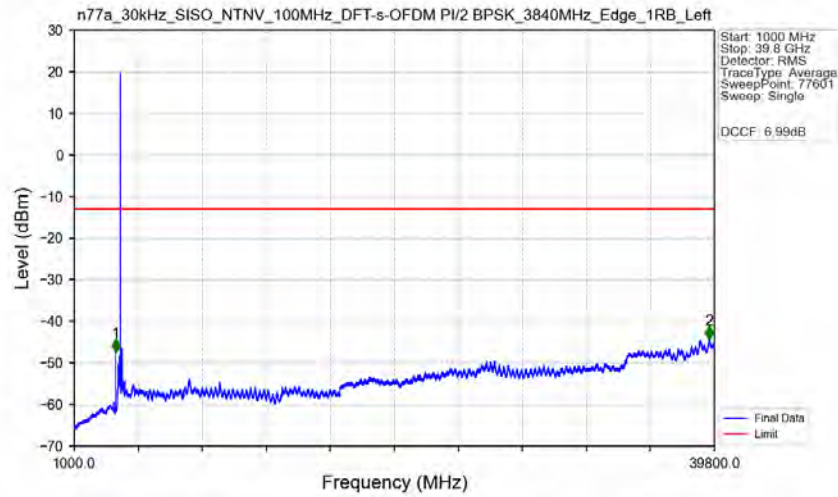


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695        | 3695       | 0.5       | /      | 1          | 3695.000   | -40.50      | -13         | Pass   |
| 3695        | 3699       | 0.5       | CHP    | 2          | 3696.760   | -37.86      | -13         | Pass   |
| 3699        | 3700       | 0.35      | CHP    | 3          | 3699.950   | -35.41      | -13         | Pass   |
| 3700        | 3800       | 0.35      | CHP    | /          | /          | /           | /           | /      |
| 3800        | 3801       | 0.35      | CHP    | 4          | 3800.930   | -45.18      | -13         | Pass   |
| 3801        | 3805       | 0.5       | CHP    | 5          | 3801.920   | -43.61      | -13         | Pass   |

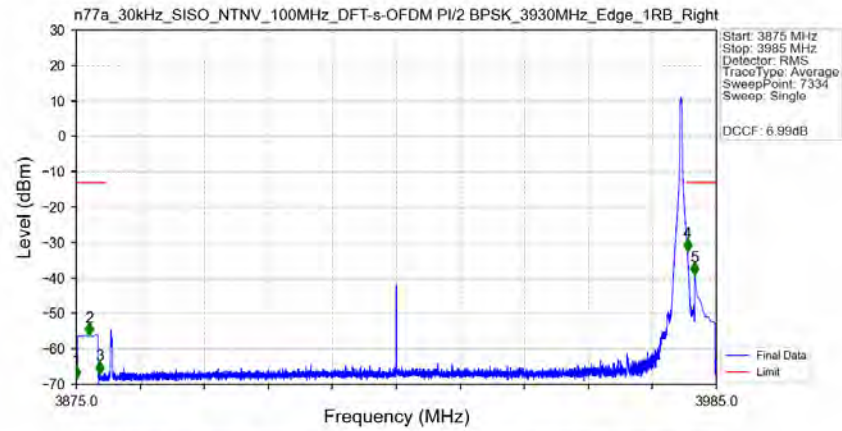
n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3840MHz\_Edge\_1RB\_Left\_Ant1



n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3840MHz\_Edge\_1RB\_Left\_Ant1

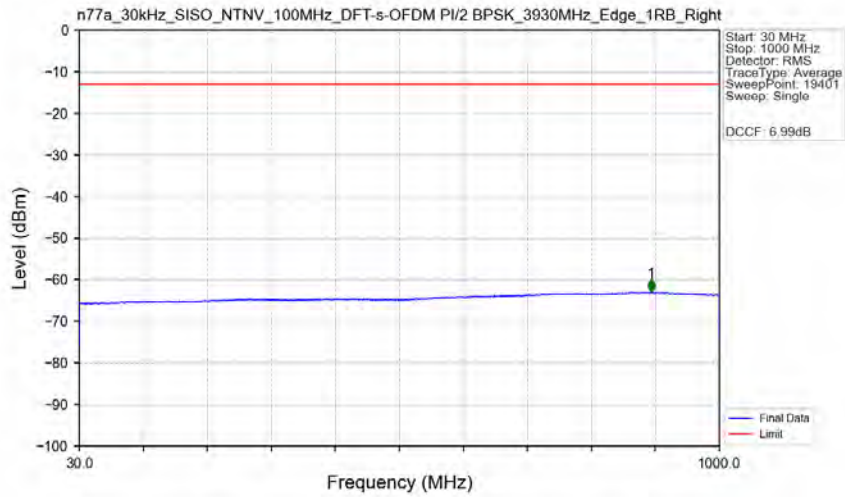


n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3930MHz\_Edge\_1RB\_Right\_Ant1



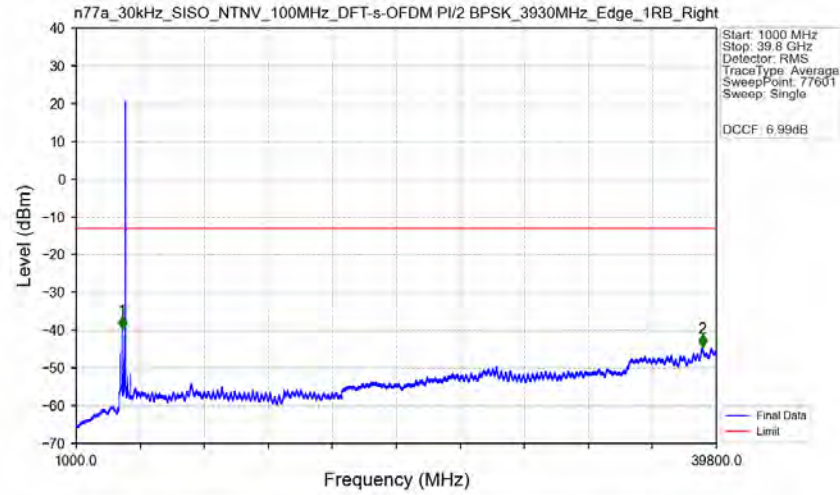
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3875        | 3875       | 0.5       | /      | 1          | 3875.000   | -68.11      | -13         | Pass   |
| 3875        | 3879       | 0.5       | CHP    | 2          | 3877.250   | -56.07      | -13         | Pass   |
| 3879        | 3880       | 0.03      | /      | 3          | 3879.065   | -66.78      | -13         | Pass   |
| 3880        | 3980       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3980        | 3981       | 0.03      | /      | 4          | 3980.005   | -32.16      | -13         | Pass   |
| 3981        | 3985       | 0.5       | CHP    | 5          | 3981.265   | -38.92      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3930MHz\_Edge\_1RB\_Right\_Ant1



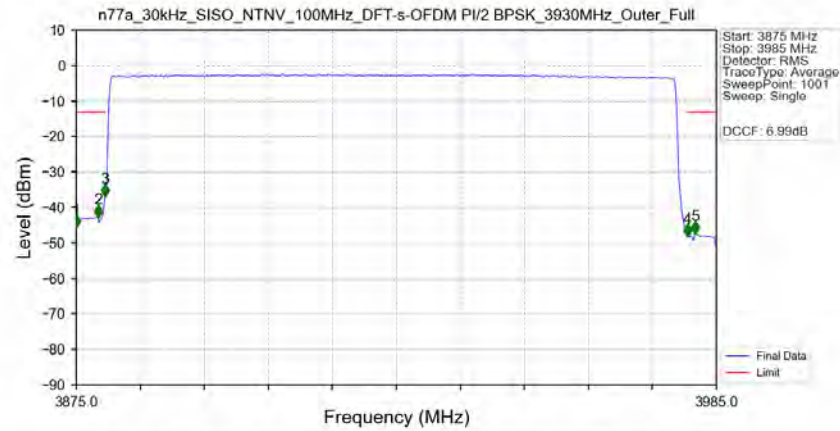
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 896.650    | -63.00      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3930MHz\_Edge\_1RB\_Right\_Ant1



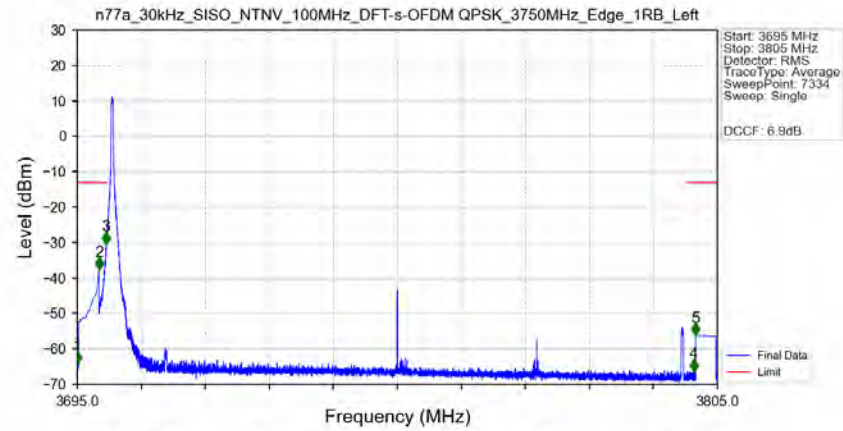
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3875       | 1         | /      | 1          | 3783.000   | -39.68      | -13         | Pass   |
| 3875        | 3985       | 1         | /      | /          | /          | /           | /           | /      |
| 3985        | 39800      | 1         | /      | 2          | 38953.500  | -44.53      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3930MHz\_Outer\_Full\_Ant1



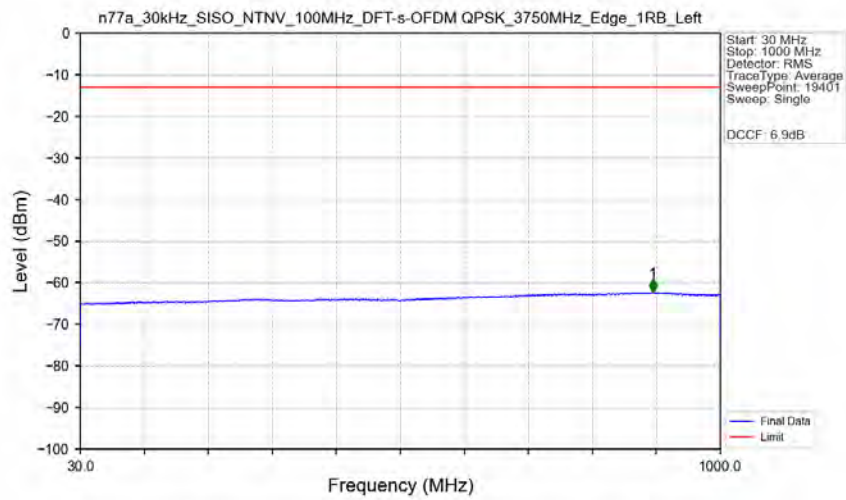
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3875        | 3875       | 0.5       | /      | 1          | 3875.000   | -45.41      | -13         | Pass   |
| 3875        | 3879       | 0.5       | CHP    | 2          | 3878.740   | -42.60      | -13         | Pass   |
| 3879        | 3880       | 0.35      | CHP    | 3          | 3879.950   | -36.74      | -13         | Pass   |
| 3880        | 3980       | 0.35      | CHP    | /          | /          | /           | /           | /      |
| 3980        | 3981       | 0.35      | CHP    | 4          | 3980.050   | -48.03      | -13         | Pass   |
| 3981        | 3985       | 0.5       | CHP    | 5          | 3981.370   | -47.12      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left\_Ant1



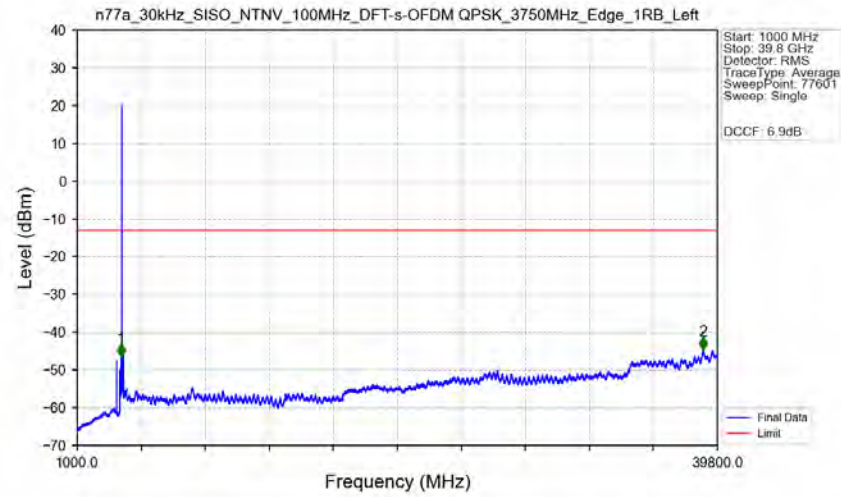
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695        | 3695       | 0.5       | /      | 1          | 3695.000   | -64.00      | -13         | Pass   |
| 3695        | 3699       | 0.5       | CHP    | 2          | 3698.735   | -37.46      | -13         | Pass   |
| 3699        | 3700       | 0.03      | /      | 3          | 3699.995   | -30.24      | -13         | Pass   |
| 3700        | 3800       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3800        | 3801       | 0.03      | /      | 4          | 3800.920   | -66.15      | -13         | Pass   |
| 3801        | 3805       | 0.5       | CHP    | 5          | 3801.265   | -55.96      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left\_Ant1



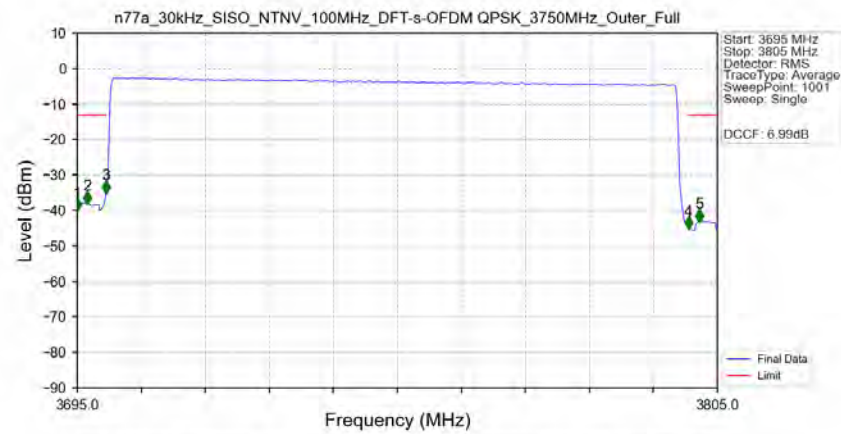
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 897.850    | -62.29      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left Ant1



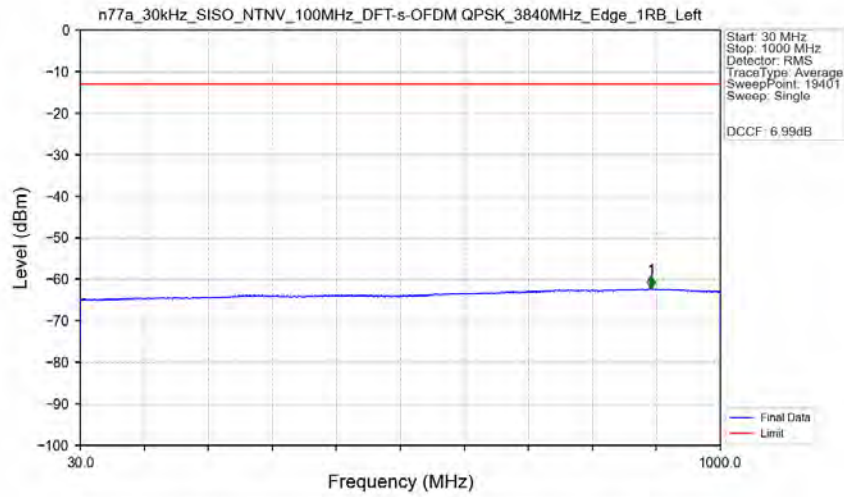
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3695       | 1         | /      | 1          | 3652.000   | -46.50      | -13         | Pass   |
| 3695        | 3805       | 1         | /      | /          | /          | /           | /           | /      |
| 3805        | 39800      | 1         | /      | 2          | 38934.500  | -44.67      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3750MHz\_Outer\_Full\_Ant1



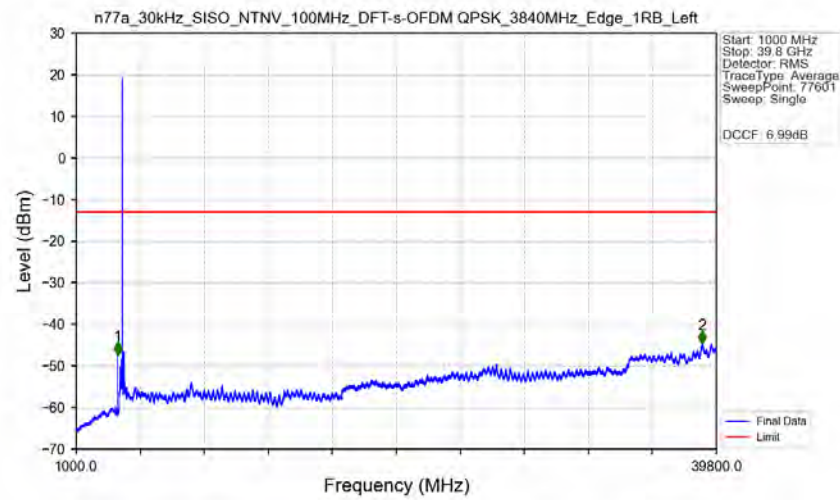
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695        | 3695       | 0.5       | /      | 1          | 3695.000   | -39.93      | -13         | Pass   |
| 3695        | 3699       | 0.5       | CHP    | 2          | 3696.650   | -37.88      | -13         | Pass   |
| 3699        | 3700       | 0.35      | CHP    | 3          | 3699.950   | -34.86      | -13         | Pass   |
| 3700        | 3800       | 0.35      | CHP    | /          | /          | /           | /           | /      |
| 3800        | 3801       | 0.35      | CHP    | 4          | 3800.050   | -45.08      | -13         | Pass   |
| 3801        | 3805       | 0.5       | CHP    | 5          | 3801.920   | -43.02      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left\_Ant1



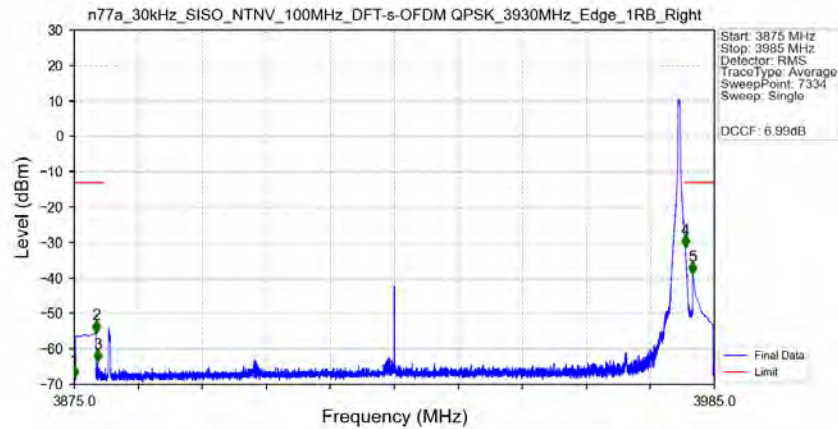
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 895.050    | -62.23      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left\_Ant1



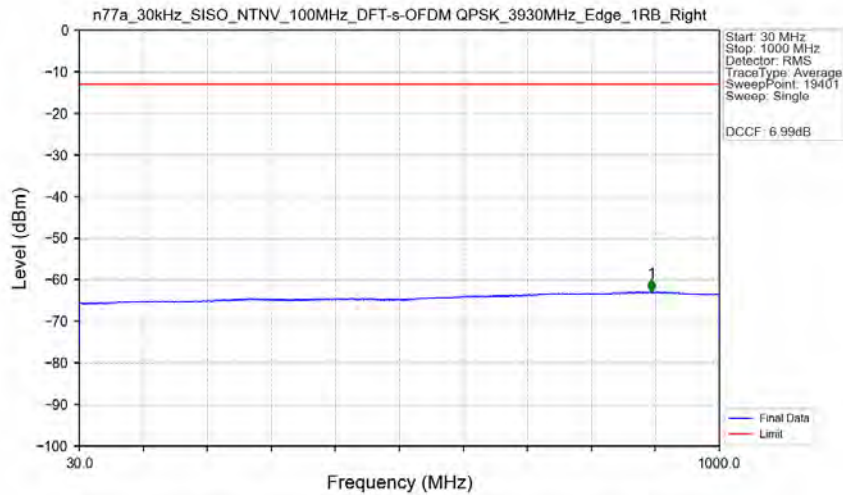
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3785       | 1         | /      | 1          | 3500.000   | -47.33      | -13         | Pass   |
| 3785        | 3895       | 1         | /      | /          | /          | /           | /           | /      |
| 3895        | 39800      | 1         | /      | 2          | 38935.000  | -44.60      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right\_Ant1



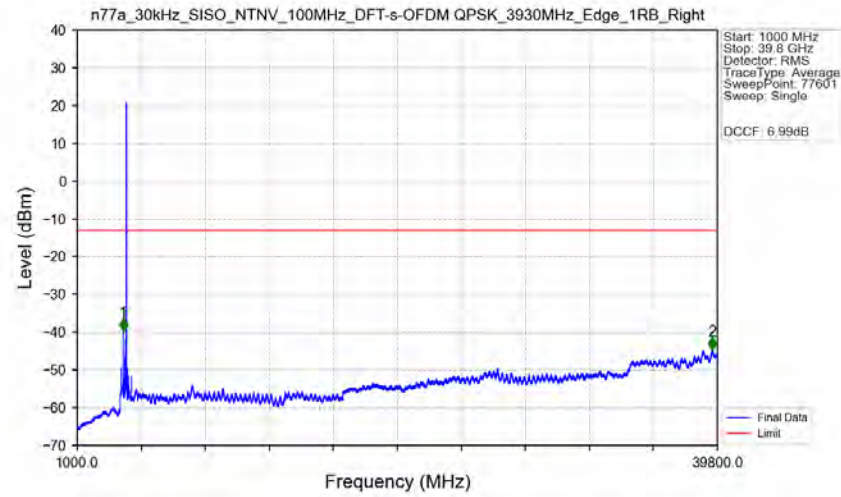
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3875        | 3875       | 0.5       | /      | 1          | 3875.000   | -67.93      | -13         | Pass   |
| 3875        | 3879       | 0.5       | CHP    | 2          | 3878.735   | -55.26      | -13         | Pass   |
| 3879        | 3880       | 0.03      | /      | 3          | 3879.005   | -63.53      | -13         | Pass   |
| 3880        | 3980       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3980        | 3981       | 0.03      | /      | 4          | 3980.005   | -31.18      | -13         | Pass   |
| 3981        | 3985       | 0.5       | CHP    | 5          | 3981.265   | -38.69      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right\_Ant1



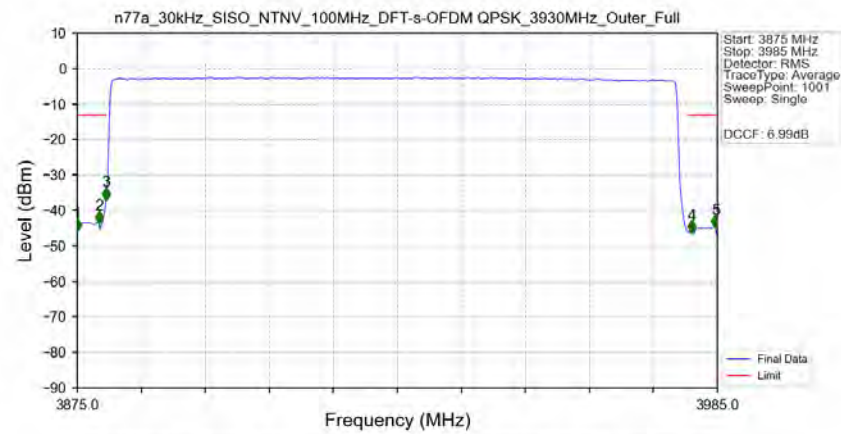
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 897.200    | -62.89      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right\_Ant1



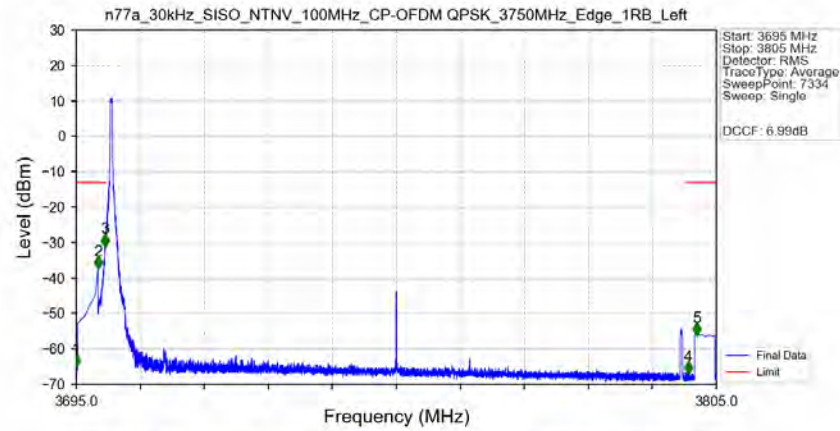
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3875       | 1         | /      | 1          | 3783.500   | -39.78      | -13         | Pass   |
| 3875        | 3985       | 1         | /      | /          | /          | /           | /           | /      |
| 3985        | 39800      | 1         | /      | 2          | 39497.000  | -44.73      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3930MHz\_Outer\_Full\_Ant1



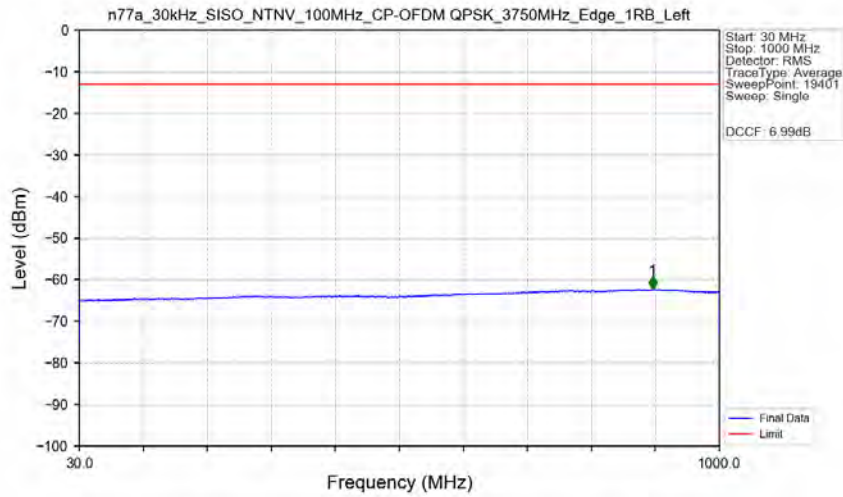
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3875        | 3875       | 0.5       | /      | 1          | 3875.000   | -45.59      | -13         | Pass   |
| 3875        | 3879       | 0.5       | CHP    | 2          | 3878.740   | -43.42      | -13         | Pass   |
| 3879        | 3880       | 0.35      | CHP    | 3          | 3879.950   | -36.79      | -13         | Pass   |
| 3880        | 3980       | 0.35      | CHP    | /          | /          | /           | /           | /      |
| 3980        | 3981       | 0.35      | CHP    | 4          | 3980.600   | -46.09      | -13         | Pass   |
| 3981        | 3985       | 0.5       | CHP    | 5          | 3984.670   | -44.54      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left\_Ant1



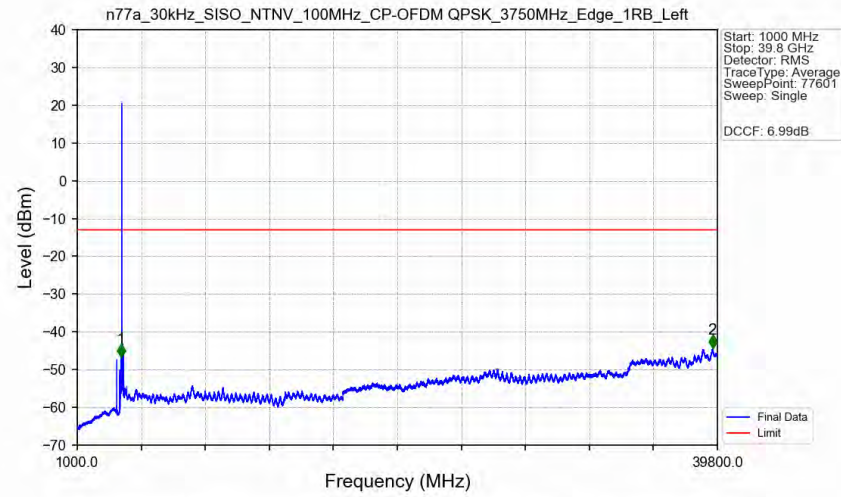
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695        | 3695       | 0.5       | /      | 1          | 3695.000   | -64.71      | -13         | Pass   |
| 3695        | 3699       | 0.5       | CHP    | 2          | 3698.735   | -37.19      | -13         | Pass   |
| 3699        | 3700       | 0.03      | /      | 3          | 3699.995   | -30.91      | -13         | Pass   |
| 3700        | 3800       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3800        | 3801       | 0.03      | /      | 4          | 3800.140   | -66.97      | -13         | Pass   |
| 3801        | 3805       | 0.5       | CHP    | 5          | 3801.610   | -55.99      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3750MHz\_Edge\_1RB\_Left\_Ant1



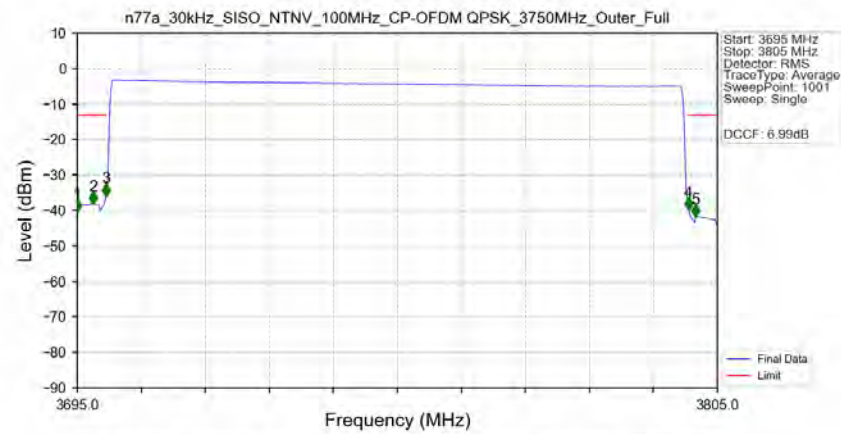
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 30          | 1000       | 1         | CHP    | 1          | 898.950    | -62.26      | -13         | Pass   |

# n77a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3750MHz Edge 1RB Left Ant1



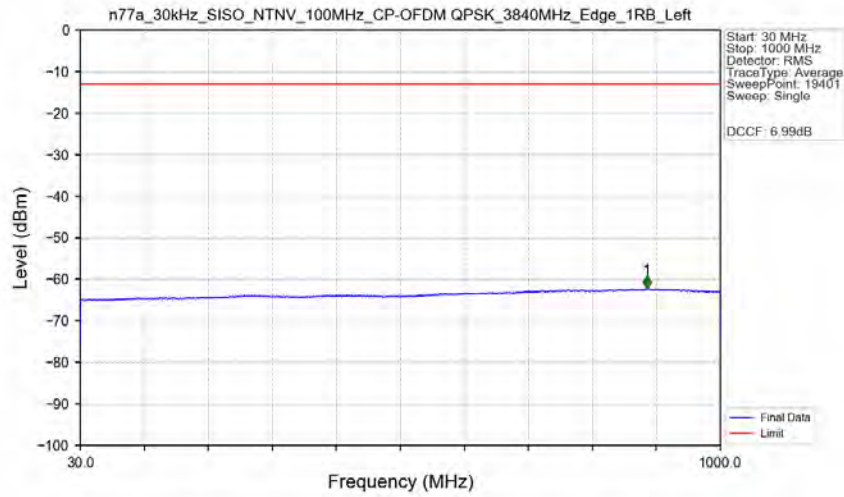
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3695       | 1         | /      | 1          | 3652.000   | -46.76      | -13         | Pass   |
| 3695        | 3805       | 1         | /      | /          | /          | /           | /           | /      |
| 3805        | 39800      | 1         | /      | 2          | 39502.500  | -44.25      | -13         | Pass   |

# n77a 30kHz SISO NTN 100MHz CP-OFDM QPSK 3750MHz Outer\_Full Ant1

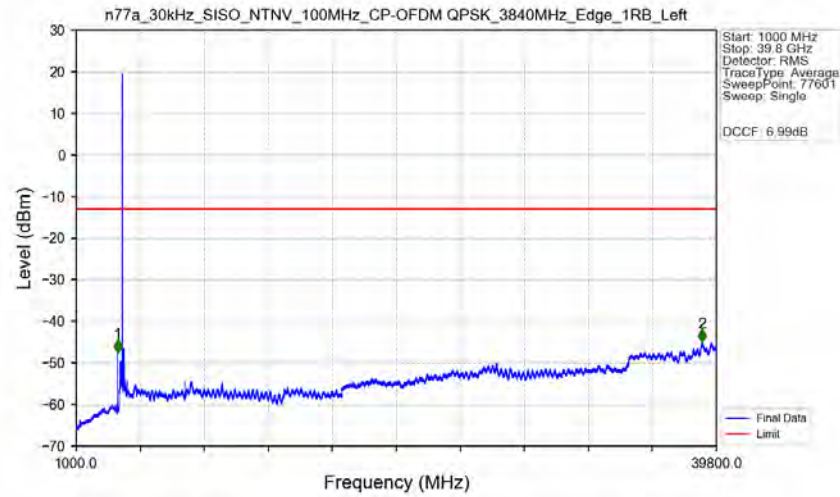


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3695        | 3695       | 0.5       | /      | 1          | 3695.000   | -40.18      | -13         | Pass   |
| 3695        | 3699       | 0.5       | CHP    | 2          | 3697.750   | -37.99      | -13         | Pass   |
| 3699        | 3700       | 0.35      | CHP    | 3          | 3699.950   | -35.74      | -13         | Pass   |
| 3700        | 3800       | 0.35      | CHP    | /          | /          | /           | /           | /      |
| 3800        | 3801       | 0.35      | CHP    | 4          | 3800.050   | -39.64      | -13         | Pass   |
| 3801        | 3805       | 0.5       | CHP    | 5          | 3801.260   | -41.64      | -13         | Pass   |

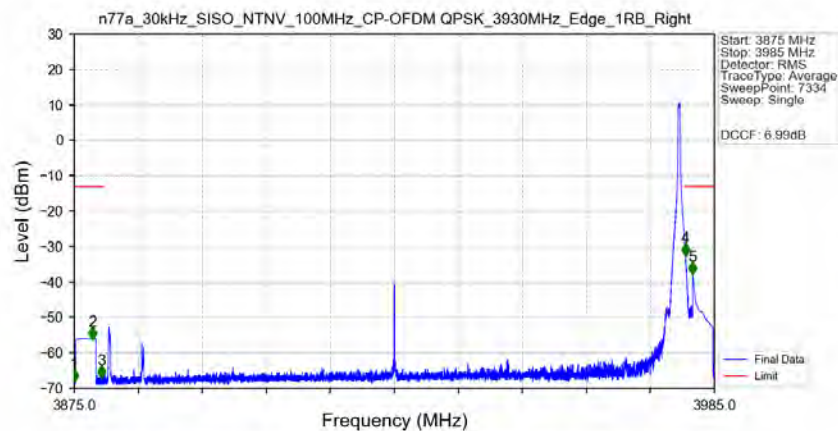
n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left\_Ant1



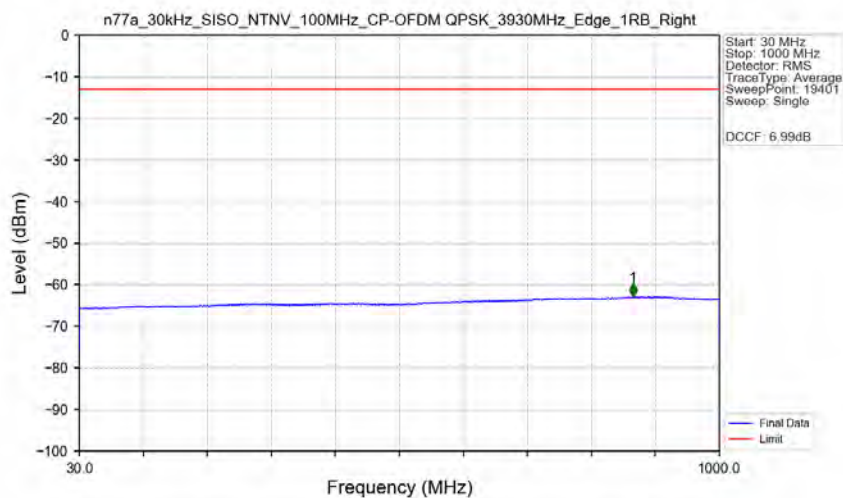
n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3840MHz\_Edge\_1RB\_Left\_Ant1



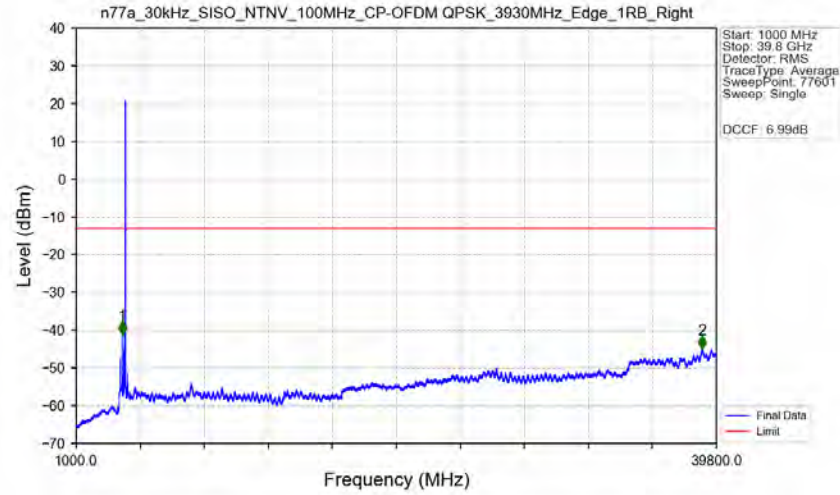
n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right\_Ant1



n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right\_Ant1

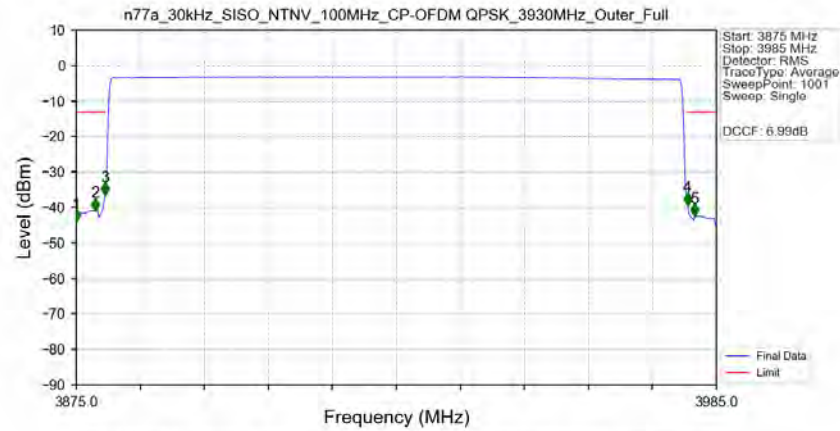


n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3930MHz\_Edge\_1RB\_Right\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1000        | 3875       | 1         | /      | 1          | 3783.500   | -41.03      | -13         | Pass   |
| 3875        | 3985       | 1         | /      | /          | /          | /           | /           | /      |
| 3985        | 39800      | 1         | /      | 2          | 38918.000  | -44.89      | -13         | Pass   |

n77a\_30kHz\_SISO\_NTNV\_100MHz\_CP-OFDM\_QPSK\_3930MHz\_Outer\_Full\_Ant1



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3875        | 3875       | 0.5       | /      | 1          | 3875.000   | -43.69      | -13         | Pass   |
| 3875        | 3879       | 0.5       | CHP    | 2          | 3878.300   | -40.65      | -13         | Pass   |
| 3879        | 3880       | 0.35      | CHP    | 3          | 3879.950   | -36.28      | -13         | Pass   |
| 3880        | 3980       | 0.35      | CHP    | /          | /          | /           | /           | /      |
| 3980        | 3981       | 0.35      | CHP    | 4          | 3980.050   | -39.16      | -13         | Pass   |
| 3981        | 3985       | 0.5       | CHP    | 5          | 3981.260   | -42.21      | -13         | Pass   |

## 6. Field Strength of Spurious Radiation

| NR N77b(3700-3980MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|----------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                  | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7310.0                                                                           | -53.64     | -13         | -40.64          | -60.22           | 4.93            | 11.51              | Horizontal         | Pass   |
| 10965.0                                                                          | -52.01     | -13         | -39.01          | -59.51           | 5.76            | 13.26              | Horizontal         | Pass   |
| 14620.0                                                                          | -49.38     | -13         | -36.38          | -57.08           | 6.74            | 14.44              | Horizontal         | Pass   |
| 7310.0                                                                           | -53.3      | -13         | -40.3           | -59.88           | 4.93            | 11.51              | Vertical           | Pass   |
| 10965.0                                                                          | -53.71     | -13         | -40.71          | -61.21           | 5.76            | 13.26              | Vertical           | Pass   |
| 14620.0                                                                          | -49.74     | -13         | -36.74          | -57.44           | 6.74            | 14.44              | Vertical           | Pass   |

| NR N77b(3700-3980MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|-------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                     | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7590.0                                                                              | -55.22     | -13         | -42.22          | -62.12           | 4.95            | 11.85              | Horizontal         | Pass   |
| 11385.0                                                                             | -53.74     | -13         | -40.74          | -61.13           | 5.86            | 13.25              | Horizontal         | Pass   |
| 15180.0                                                                             | -50.11     | -13         | -37.11          | -57.44           | 7.09            | 14.42              | Horizontal         | Pass   |
| 7590.0                                                                              | -54.11     | -13         | -41.11          | -61.01           | 4.95            | 11.85              | Vertical           | Pass   |
| 11385.0                                                                             | -53.16     | -13         | -40.16          | -60.55           | 5.86            | 13.25              | Vertical           | Pass   |
| 15180.0                                                                             | -46.59     | -13         | -33.59          | -53.92           | 7.09            | 14.42              | Vertical           | Pass   |

| NR N77b(3700-3980MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|-----------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                   | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7870.0                                                                            | -54.2      | -13         | -41.2           | -61.41           | 4.97            | 12.18              | Horizontal         | Pass   |
| 11805.0                                                                           | -52.92     | -13         | -39.92          | -60.26           | 5.91            | 13.25              | Horizontal         | Pass   |
| 15740.0                                                                           | -48.96     | -13         | -35.96          | -55.8            | 7.21            | 14.05              | Horizontal         | Pass   |
| 7870.0                                                                            | -54.38     | -13         | -41.38          | -61.59           | 4.97            | 12.18              | Vertical           | Pass   |
| 11805.0                                                                           | -52.22     | -13         | -39.22          | -59.56           | 5.91            | 13.25              | Vertical           | Pass   |
| 15740.0                                                                           | -49.52     | -13         | -36.52          | -56.36           | 7.21            | 14.05              | Vertical           | Pass   |

| NSA_2A_n77b(3700-3980MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|--------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                      | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7310                                                                                 | -55.32     | -13         | -42.32          | -61.9            | 4.93            | 11.51              | Horizontal         | Pass   |
| 10965                                                                                | -54.26     | -13         | -41.26          | -61.76           | 5.76            | 13.26              | Horizontal         | Pass   |
| 14620                                                                                | -52.14     | -13         | -39.14          | -59.84           | 6.74            | 14.44              | Horizontal         | Pass   |
| 7310                                                                                 | -53.72     | -13         | -40.72          | -60.3            | 4.93            | 11.51              | Vertical           | Pass   |
| 10965                                                                                | -53.9      | -13         | -40.9           | -61.4            | 5.76            | 13.26              | Vertical           | Pass   |
| 14620                                                                                | -51.42     | -13         | -38.42          | -59.12           | 6.74            | 14.44              | Vertical           | Pass   |

| NSA_2A_n77b(3700-3980MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|-----------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                         | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7590                                                                                    | -55.51     | -13         | -42.51          | -62.41           | 4.95            | 11.85              | Horizontal         | Pass   |
| 11385                                                                                   | -54.58     | -13         | -41.58          | -61.97           | 5.86            | 13.25              | Horizontal         | Pass   |
| 15180                                                                                   | -49.99     | -13         | -36.99          | -57.32           | 7.09            | 14.42              | Horizontal         | Pass   |
| 7590                                                                                    | -54.66     | -13         | -41.66          | -61.56           | 4.95            | 11.85              | Vertical           | Pass   |
| 11385                                                                                   | -53.57     | -13         | -40.57          | -60.96           | 5.86            | 13.25              | Vertical           | Pass   |
| 15180                                                                                   | -50.39     | -13         | -37.39          | -57.72           | 7.09            | 14.42              | Vertical           | Pass   |

| NSA_2A_n77b(3700-3980MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|---------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7870                                                                                  | -55.93     | -13         | -42.93          | -63.14           | 4.97            | 12.18              | Horizontal         | Pass   |
| 11805                                                                                 | -52.85     | -13         | -39.85          | -60.19           | 5.91            | 13.25              | Horizontal         | Pass   |
| 15740                                                                                 | -51.06     | -13         | -38.06          | -57.9            | 7.21            | 14.05              | Horizontal         | Pass   |
| 7870                                                                                  | -55.71     | -13         | -42.71          | -62.92           | 4.97            | 12.18              | Vertical           | Pass   |
| 11805                                                                                 | -53.55     | -13         | -40.55          | -60.89           | 5.91            | 13.25              | Vertical           | Pass   |
| 15740                                                                                 | -50.53     | -13         | -37.53          | -57.37           | 7.21            | 14.05              | Vertical           | Pass   |

| NSA_5A_n77b(3700-3980MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|--------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                      | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7310                                                                                 | -54.29     | -13         | -41.29          | -60.87           | 4.93            | 11.51              | Horizontal         | Pass   |
| 10965                                                                                | -54.57     | -13         | -41.57          | -62.07           | 5.76            | 13.26              | Horizontal         | Pass   |
| 14620                                                                                | -53.35     | -13         | -40.35          | -61.05           | 6.74            | 14.44              | Horizontal         | Pass   |
| 7310                                                                                 | -54.21     | -13         | -41.21          | -60.79           | 4.93            | 11.51              | Vertical           | Pass   |
| 10965                                                                                | -54.7      | -13         | -41.7           | -62.2            | 5.76            | 13.26              | Vertical           | Pass   |
| 14620                                                                                | -50.36     | -13         | -37.36          | -58.06           | 6.74            | 14.44              | Vertical           | Pass   |

| NSA_5A_n77b(3700-3980MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|-----------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                         | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7590                                                                                    | -56.03     | -13         | -43.03          | -62.93           | 4.95            | 11.85              | Horizontal         | Pass   |
| 11385                                                                                   | -55.38     | -13         | -42.38          | -62.77           | 5.86            | 13.25              | Horizontal         | Pass   |
| 15180                                                                                   | -50.62     | -13         | -37.62          | -57.95           | 7.09            | 14.42              | Horizontal         | Pass   |
| 7590                                                                                    | -54.28     | -13         | -41.28          | -61.18           | 4.95            | 11.85              | Vertical           | Pass   |
| 11385                                                                                   | -54.61     | -13         | -41.61          | -62.0            | 5.86            | 13.25              | Vertical           | Pass   |
| 15180                                                                                   | -50.81     | -13         | -37.81          | -58.14           | 7.09            | 14.42              | Vertical           | Pass   |

| NSA_5A_n77b(3700-3980MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|---------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7870                                                                                  | -54.82     | -13         | -41.82          | -62.03           | 4.97            | 12.18              | Horizontal         | Pass   |
| 11805                                                                                 | -52.73     | -13         | -39.73          | -60.07           | 5.91            | 13.25              | Horizontal         | Pass   |
| 15740                                                                                 | -49.91     | -13         | -36.91          | -56.75           | 7.21            | 14.05              | Horizontal         | Pass   |
| 7870                                                                                  | -55.97     | -13         | -42.97          | -63.18           | 4.97            | 12.18              | Vertical           | Pass   |
| 11805                                                                                 | -52.64     | -13         | -39.64          | -59.98           | 5.91            | 13.25              | Vertical           | Pass   |
| 15740                                                                                 | -50.2      | -13         | -37.2           | -57.04           | 7.21            | 14.05              | Vertical           | Pass   |

| NSA_7A_n77b(3700-3980MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|--------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                      | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7310                                                                                 | -54.79     | -13         | -41.79          | -61.37           | 4.93            | 11.51              | Horizontal         | Pass   |
| 10965                                                                                | -53.9      | -13         | -40.9           | -61.4            | 5.76            | 13.26              | Horizontal         | Pass   |
| 14620                                                                                | -53.42     | -13         | -40.42          | -61.12           | 6.74            | 14.44              | Horizontal         | Pass   |
| 7310                                                                                 | -53.93     | -13         | -40.93          | -60.51           | 4.93            | 11.51              | Vertical           | Pass   |
| 10965                                                                                | -54.38     | -13         | -41.38          | -61.88           | 5.76            | 13.26              | Vertical           | Pass   |
| 14620                                                                                | -51.15     | -13         | -38.15          | -58.85           | 6.74            | 14.44              | Vertical           | Pass   |

| NSA_7A_n77b(3700-3980MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|-----------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                         | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7590                                                                                    | -54.98     | -13         | -41.98          | -61.88           | 4.95            | 11.85              | Horizontal         | Pass   |
| 11385                                                                                   | -53.07     | -13         | -40.07          | -60.46           | 5.86            | 13.25              | Horizontal         | Pass   |
| 15180                                                                                   | -47.72     | -13         | -34.72          | -55.05           | 7.09            | 14.42              | Horizontal         | Pass   |
| 7590                                                                                    | -54.02     | -13         | -41.02          | -60.92           | 4.95            | 11.85              | Vertical           | Pass   |
| 11385                                                                                   | -53.53     | -13         | -40.53          | -60.92           | 5.86            | 13.25              | Vertical           | Pass   |
| 15180                                                                                   | -51.65     | -13         | -38.65          | -58.98           | 7.09            | 14.42              | Vertical           | Pass   |

| NSA_7A_n77b(3700-3980MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|---------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7870                                                                                  | -54.02     | -13         | -41.02          | -61.23           | 4.97            | 12.18              | Horizontal         | Pass   |
| 11805                                                                                 | -54.81     | -13         | -41.81          | -62.15           | 5.91            | 13.25              | Horizontal         | Pass   |
| 15740                                                                                 | -48.74     | -13         | -35.74          | -55.58           | 7.21            | 14.05              | Horizontal         | Pass   |
| 7870                                                                                  | -55.1      | -13         | -42.1           | -62.31           | 4.97            | 12.18              | Vertical           | Pass   |
| 11805                                                                                 | -54.79     | -13         | -41.79          | -62.13           | 5.91            | 13.25              | Vertical           | Pass   |
| 15740                                                                                 | -51.07     | -13         | -38.07          | -57.91           | 7.21            | 14.05              | Vertical           | Pass   |

| NSA_12A_n77b(3700-3980MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|---------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7310                                                                                  | -54.12     | -13         | -41.12          | -60.7            | 4.93            | 11.51              | Horizontal         | Pass   |
| 10965                                                                                 | -54.01     | -13         | -41.01          | -61.51           | 5.76            | 13.26              | Horizontal         | Pass   |
| 14620                                                                                 | -53.33     | -13         | -40.33          | -61.03           | 6.74            | 14.44              | Horizontal         | Pass   |
| 7310                                                                                  | -55.18     | -13         | -42.18          | -61.76           | 4.93            | 11.51              | Vertical           | Pass   |
| 10965                                                                                 | -54.0      | -13         | -41.0           | -61.5            | 5.76            | 13.26              | Vertical           | Pass   |
| 14620                                                                                 | -53.1      | -13         | -40.1           | -60.8            | 6.74            | 14.44              | Vertical           | Pass   |

| NSA_12A_n77b(3700-3980MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                          | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7590                                                                                     | -55.59     | -13         | -42.59          | -62.49           | 4.95            | 11.85              | Horizontal         | Pass   |
| 11385                                                                                    | -54.63     | -13         | -41.63          | -62.02           | 5.86            | 13.25              | Horizontal         | Pass   |
| 15180                                                                                    | -50.47     | -13         | -37.47          | -57.8            | 7.09            | 14.42              | Horizontal         | Pass   |
| 7590                                                                                     | -53.98     | -13         | -40.98          | -60.88           | 4.95            | 11.85              | Vertical           | Pass   |
| 11385                                                                                    | -53.23     | -13         | -40.23          | -60.62           | 5.86            | 13.25              | Vertical           | Pass   |
| 15180                                                                                    | -48.44     | -13         | -35.44          | -55.77           | 7.09            | 14.42              | Vertical           | Pass   |

| NSA_12A_n77b(3700-3980MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|----------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                        | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7870                                                                                   | -55.93     | -13         | -42.93          | -63.14           | 4.97            | 12.18              | Horizontal         | Pass   |
| 11805                                                                                  | -53.06     | -13         | -40.06          | -60.4            | 5.91            | 13.25              | Horizontal         | Pass   |
| 15740                                                                                  | -50.76     | -13         | -37.76          | -57.6            | 7.21            | 14.05              | Horizontal         | Pass   |
| 7870                                                                                   | -55.25     | -13         | -42.25          | -62.46           | 4.97            | 12.18              | Vertical           | Pass   |
| 11805                                                                                  | -52.61     | -13         | -39.61          | -59.95           | 5.91            | 13.25              | Vertical           | Pass   |
| 15740                                                                                  | -49.91     | -13         | -36.91          | -56.75           | 7.21            | 14.05              | Vertical           | Pass   |

| NSA_13A_n77b(3700-3980MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|---------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7310                                                                                  | -53.86     | -13         | -40.86          | -60.44           | 4.93            | 11.51              | Horizontal         | Pass   |
| 10965                                                                                 | -54.44     | -13         | -41.44          | -61.94           | 5.76            | 13.26              | Horizontal         | Pass   |
| 14620                                                                                 | -51.96     | -13         | -38.96          | -59.66           | 6.74            | 14.44              | Horizontal         | Pass   |
| 7310                                                                                  | -53.51     | -13         | -40.51          | -60.09           | 4.93            | 11.51              | Vertical           | Pass   |
| 10965                                                                                 | -54.93     | -13         | -41.93          | -62.43           | 5.76            | 13.26              | Vertical           | Pass   |
| 14620                                                                                 | -52.21     | -13         | -39.21          | -59.91           | 6.74            | 14.44              | Vertical           | Pass   |

| NSA_13A_n77b(3700-3980MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                          | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7590                                                                                     | -54.0      | -13         | -41.0           | -60.9            | 4.95            | 11.85              | Horizontal         | Pass   |
| 11385                                                                                    | -53.35     | -13         | -40.35          | -60.74           | 5.86            | 13.25              | Horizontal         | Pass   |
| 15180                                                                                    | -50.5      | -13         | -37.5           | -57.83           | 7.09            | 14.42              | Horizontal         | Pass   |
| 7590                                                                                     | -53.52     | -13         | -40.52          | -60.42           | 4.95            | 11.85              | Vertical           | Pass   |
| 11385                                                                                    | -52.22     | -13         | -39.22          | -59.61           | 5.86            | 13.25              | Vertical           | Pass   |
| 15180                                                                                    | -51.18     | -13         | -38.18          | -58.51           | 7.09            | 14.42              | Vertical           | Pass   |

| NSA_13A_n77b(3700-3980MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|----------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                        | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7870                                                                                   | -53.58     | -13         | -40.58          | -60.79           | 4.97            | 12.18              | Horizontal         | Pass   |
| 11805                                                                                  | -54.03     | -13         | -41.03          | -61.37           | 5.91            | 13.25              | Horizontal         | Pass   |
| 15740                                                                                  | -49.38     | -13         | -36.38          | -56.22           | 7.21            | 14.05              | Horizontal         | Pass   |
| 7870                                                                                   | -55.24     | -13         | -42.24          | -62.45           | 4.97            | 12.18              | Vertical           | Pass   |
| 11805                                                                                  | -53.65     | -13         | -40.65          | -60.99           | 5.91            | 13.25              | Vertical           | Pass   |
| 15740                                                                                  | -50.0      | -13         | -37.0           | -56.84           | 7.21            | 14.05              | Vertical           | Pass   |

| NSA_14A_n77b(3700-3980MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|---------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7310                                                                                  | -54.04     | -13         | -41.04          | -60.62           | 4.93            | 11.51              | Horizontal         | Pass   |
| 10965                                                                                 | -54.66     | -13         | -41.66          | -62.16           | 5.76            | 13.26              | Horizontal         | Pass   |
| 14620                                                                                 | -52.94     | -13         | -39.94          | -60.64           | 6.74            | 14.44              | Horizontal         | Pass   |
| 7310                                                                                  | -54.87     | -13         | -41.87          | -61.45           | 4.93            | 11.51              | Vertical           | Pass   |
| 10965                                                                                 | -53.24     | -13         | -40.24          | -60.74           | 5.76            | 13.26              | Vertical           | Pass   |
| 14620                                                                                 | -52.41     | -13         | -39.41          | -60.11           | 6.74            | 14.44              | Vertical           | Pass   |

| NSA_14A_n77b(3700-3980MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                          | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7590                                                                                     | -55.09     | -13         | -42.09          | -61.99           | 4.95            | 11.85              | Horizontal         | Pass   |
| 11385                                                                                    | -52.06     | -13         | -39.06          | -59.45           | 5.86            | 13.25              | Horizontal         | Pass   |
| 15180                                                                                    | -50.27     | -13         | -37.27          | -57.6            | 7.09            | 14.42              | Horizontal         | Pass   |
| 7590                                                                                     | -53.63     | -13         | -40.63          | -60.53           | 4.95            | 11.85              | Vertical           | Pass   |
| 11385                                                                                    | -53.26     | -13         | -40.26          | -60.65           | 5.86            | 13.25              | Vertical           | Pass   |
| 15180                                                                                    | -49.68     | -13         | -36.68          | -57.01           | 7.09            | 14.42              | Vertical           | Pass   |

| NSA_14A_n77b(3700-3980MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|----------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                        | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7870                                                                                   | -55.4      | -13         | -42.4           | -62.61           | 4.97            | 12.18              | Horizontal         | Pass   |
| 11805                                                                                  | -53.68     | -13         | -40.68          | -61.02           | 5.91            | 13.25              | Horizontal         | Pass   |
| 15740                                                                                  | -51.27     | -13         | -38.27          | -58.11           | 7.21            | 14.05              | Horizontal         | Pass   |
| 7870                                                                                   | -56.32     | -13         | -43.32          | -63.53           | 4.97            | 12.18              | Vertical           | Pass   |
| 11805                                                                                  | -53.8      | -13         | -40.8           | -61.14           | 5.91            | 13.25              | Vertical           | Pass   |
| 15740                                                                                  | -51.6      | -13         | -38.6           | -58.44           | 7.21            | 14.05              | Vertical           | Pass   |

| NSA_25A_n77b(3700-3980MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|---------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7310                                                                                  | -54.53     | -13         | -41.53          | -61.11           | 4.93            | 11.51              | Horizontal         | Pass   |
| 10965                                                                                 | -53.7      | -13         | -40.7           | -61.2            | 5.76            | 13.26              | Horizontal         | Pass   |
| 14620                                                                                 | -53.06     | -13         | -40.06          | -60.76           | 6.74            | 14.44              | Horizontal         | Pass   |
| 7310                                                                                  | -52.91     | -13         | -39.91          | -59.49           | 4.93            | 11.51              | Vertical           | Pass   |
| 10965                                                                                 | -53.4      | -13         | -40.4           | -60.9            | 5.76            | 13.26              | Vertical           | Pass   |
| 14620                                                                                 | -53.01     | -13         | -40.01          | -60.71           | 6.74            | 14.44              | Vertical           | Pass   |

| NSA_25A_n77b(3700-3980MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                          | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7590                                                                                     | -56.05     | -13         | -43.05          | -62.95           | 4.95            | 11.85              | Horizontal         | Pass   |
| 11385                                                                                    | -54.23     | -13         | -41.23          | -61.62           | 5.86            | 13.25              | Horizontal         | Pass   |
| 15180                                                                                    | -51.66     | -13         | -38.66          | -58.99           | 7.09            | 14.42              | Horizontal         | Pass   |
| 7590                                                                                     | -53.04     | -13         | -40.04          | -59.94           | 4.95            | 11.85              | Vertical           | Pass   |
| 11385                                                                                    | -52.67     | -13         | -39.67          | -60.06           | 5.86            | 13.25              | Vertical           | Pass   |
| 15180                                                                                    | -49.05     | -13         | -36.05          | -56.38           | 7.09            | 14.42              | Vertical           | Pass   |

| NSA_25A_n77b(3700-3980MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|----------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                        | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7870                                                                                   | -54.6      | -13         | -41.6           | -61.81           | 4.97            | 12.18              | Horizontal         | Pass   |
| 11805                                                                                  | -54.4      | -13         | -41.4           | -61.74           | 5.91            | 13.25              | Horizontal         | Pass   |
| 15740                                                                                  | -50.26     | -13         | -37.26          | -57.1            | 7.21            | 14.05              | Horizontal         | Pass   |
| 7870                                                                                   | -57.05     | -13         | -44.05          | -64.26           | 4.97            | 12.18              | Vertical           | Pass   |
| 11805                                                                                  | -52.89     | -13         | -39.89          | -60.23           | 5.91            | 13.25              | Vertical           | Pass   |
| 15740                                                                                  | -51.5      | -13         | -38.5           | -58.34           | 7.21            | 14.05              | Vertical           | Pass   |

| NSA_41A_n77b(3700-3980MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|---------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7310                                                                                  | -55.01     | -13         | -42.01          | -61.59           | 4.93            | 11.51              | Horizontal         | Pass   |
| 10965                                                                                 | -52.9      | -13         | -39.9           | -60.4            | 5.76            | 13.26              | Horizontal         | Pass   |
| 14620                                                                                 | -53.53     | -13         | -40.53          | -61.23           | 6.74            | 14.44              | Horizontal         | Pass   |
| 7310                                                                                  | -53.95     | -13         | -40.95          | -60.53           | 4.93            | 11.51              | Vertical           | Pass   |
| 10965                                                                                 | -53.96     | -13         | -40.96          | -61.46           | 5.76            | 13.26              | Vertical           | Pass   |
| 14620                                                                                 | -51.95     | -13         | -38.95          | -59.65           | 6.74            | 14.44              | Vertical           | Pass   |

| NSA_41A_n77b(3700-3980MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                          | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7590                                                                                     | -54.89     | -13         | -41.89          | -61.79           | 4.95            | 11.85              | Horizontal         | Pass   |
| 11385                                                                                    | -52.83     | -13         | -39.83          | -60.22           | 5.86            | 13.25              | Horizontal         | Pass   |
| 15180                                                                                    | -50.64     | -13         | -37.64          | -57.97           | 7.09            | 14.42              | Horizontal         | Pass   |
| 7590                                                                                     | -55.27     | -13         | -42.27          | -62.17           | 4.95            | 11.85              | Vertical           | Pass   |
| 11385                                                                                    | -54.1      | -13         | -41.1           | -61.49           | 5.86            | 13.25              | Vertical           | Pass   |
| 15180                                                                                    | -49.71     | -13         | -36.71          | -57.04           | 7.09            | 14.42              | Vertical           | Pass   |

| NSA_41A_n77b(3700-3980MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|----------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                        | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7870                                                                                   | -55.79     | -13         | -42.79          | -63.0            | 4.97            | 12.18              | Horizontal         | Pass   |
| 11805                                                                                  | -51.91     | -13         | -38.91          | -59.25           | 5.91            | 13.25              | Horizontal         | Pass   |
| 15740                                                                                  | -50.76     | -13         | -37.76          | -57.6            | 7.21            | 14.05              | Horizontal         | Pass   |
| 7870                                                                                   | -55.25     | -13         | -42.25          | -62.46           | 4.97            | 12.18              | Vertical           | Pass   |
| 11805                                                                                  | -52.27     | -13         | -39.27          | -59.61           | 5.91            | 13.25              | Vertical           | Pass   |
| 15740                                                                                  | -51.97     | -13         | -38.97          | -58.81           | 7.21            | 14.05              | Vertical           | Pass   |

| NSA_66A_n77b(3700-3980MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|---------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7310                                                                                  | -55.13     | -13         | -42.13          | -61.71           | 4.93            | 11.51              | Horizontal         | Pass   |
| 10965                                                                                 | -53.34     | -13         | -40.34          | -60.84           | 5.76            | 13.26              | Horizontal         | Pass   |
| 14620                                                                                 | -53.79     | -13         | -40.79          | -61.49           | 6.74            | 14.44              | Horizontal         | Pass   |
| 7310                                                                                  | -54.54     | -13         | -41.54          | -61.12           | 4.93            | 11.51              | Vertical           | Pass   |
| 10965                                                                                 | -53.51     | -13         | -40.51          | -61.01           | 5.76            | 13.26              | Vertical           | Pass   |
| 14620                                                                                 | -52.63     | -13         | -39.63          | -60.33           | 6.74            | 14.44              | Vertical           | Pass   |

| NSA_66A_n77b(3700-3980MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                          | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7590                                                                                     | -54.68     | -13         | -41.68          | -61.58           | 4.95            | 11.85              | Horizontal         | Pass   |
| 11385                                                                                    | -54.83     | -13         | -41.83          | -62.22           | 5.86            | 13.25              | Horizontal         | Pass   |
| 15180                                                                                    | -50.87     | -13         | -37.87          | -58.2            | 7.09            | 14.42              | Horizontal         | Pass   |
| 7590                                                                                     | -54.59     | -13         | -41.59          | -61.49           | 4.95            | 11.85              | Vertical           | Pass   |
| 11385                                                                                    | -53.39     | -13         | -40.39          | -60.78           | 5.86            | 13.25              | Vertical           | Pass   |
| 15180                                                                                    | -50.62     | -13         | -37.62          | -57.95           | 7.09            | 14.42              | Vertical           | Pass   |

| NSA_66A_n77b(3700-3980MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|----------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                        | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7870                                                                                   | -54.91     | -13         | -41.91          | -62.12           | 4.97            | 12.18              | Horizontal         | Pass   |
| 11805                                                                                  | -53.05     | -13         | -40.05          | -60.39           | 5.91            | 13.25              | Horizontal         | Pass   |
| 15740                                                                                  | -51.25     | -13         | -38.25          | -58.09           | 7.21            | 14.05              | Horizontal         | Pass   |
| 7870                                                                                   | -54.0      | -13         | -41.0           | -61.21           | 4.97            | 12.18              | Vertical           | Pass   |
| 11805                                                                                  | -53.13     | -13         | -40.13          | -60.47           | 5.91            | 13.25              | Vertical           | Pass   |
| 15740                                                                                  | -50.78     | -13         | -37.78          | -57.62           | 7.21            | 14.05              | Vertical           | Pass   |

| NSA_71A_n77b(3700-3980MHz)-FCC-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|---------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7310                                                                                  | -53.92     | -13         | -40.92          | -60.5            | 4.93            | 11.51              | Horizontal         | Pass   |
| 10965                                                                                 | -53.93     | -13         | -40.93          | -61.43           | 5.76            | 13.26              | Horizontal         | Pass   |
| 14620                                                                                 | -53.87     | -13         | -40.87          | -61.57           | 6.74            | 14.44              | Horizontal         | Pass   |
| 7310                                                                                  | -55.01     | -13         | -42.01          | -61.59           | 4.93            | 11.51              | Vertical           | Pass   |
| 10965                                                                                 | -54.75     | -13         | -41.75          | -62.25           | 5.76            | 13.26              | Vertical           | Pass   |
| 14620                                                                                 | -51.74     | -13         | -38.74          | -59.44           | 6.74            | 14.44              | Vertical           | Pass   |

| NSA_71A_n77b(3700-3980MHz)-FCC-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                          | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7590                                                                                     | -55.61     | -13         | -42.61          | -62.51           | 4.95            | 11.85              | Horizontal         | Pass   |
| 11385                                                                                    | -53.6      | -13         | -40.6           | -60.99           | 5.86            | 13.25              | Horizontal         | Pass   |
| 15180                                                                                    | -49.35     | -13         | -36.35          | -56.68           | 7.09            | 14.42              | Horizontal         | Pass   |
| 7590                                                                                     | -53.51     | -13         | -40.51          | -60.41           | 4.95            | 11.85              | Vertical           | Pass   |
| 11385                                                                                    | -54.23     | -13         | -41.23          | -61.62           | 5.86            | 13.25              | Vertical           | Pass   |
| 15180                                                                                    | -50.96     | -13         | -37.96          | -58.29           | 7.09            | 14.42              | Vertical           | Pass   |

| NSA_71A_n77b(3700-3980MHz)-FCC-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|----------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                                        | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7870                                                                                   | -54.71     | -13         | -41.71          | -61.92           | 4.97            | 12.18              | Horizontal         | Pass   |
| 11805                                                                                  | -52.89     | -13         | -39.89          | -60.23           | 5.91            | 13.25              | Horizontal         | Pass   |
| 15740                                                                                  | -52.26     | -13         | -39.26          | -59.1            | 7.21            | 14.05              | Horizontal         | Pass   |
| 7870                                                                                   | -55.93     | -13         | -42.93          | -63.14           | 4.97            | 12.18              | Vertical           | Pass   |
| 11805                                                                                  | -52.6      | -13         | -39.6           | -59.94           | 5.91            | 13.25              | Vertical           | Pass   |
| 15740                                                                                  | -51.16     | -13         | -38.16          | -58.0            | 7.21            | 14.05              | Vertical           | Pass   |