



# TEST REPORT

REPORT NUMBER: I23W00005-NR-RF-Rev1

ON

Type of Equipment: SIMCom Module  
Type of Designation: SIM8260A  
Brand Name: SIMCom  
Manufacturer: SIMCom Wireless Solutions Limited  
FCC ID: 2AJYU-8XN0001

## ACCORDING TO

FCC CFR Part 2, FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS;  
GENERAL RULES AND REGULATIONS, e-CFR  
PART 22, PUBLIC MOBILE SERVICES, e-CFR  
PART 24, Personal Communications Services, e-CFR  
PART 27, MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES, e-CFR  
PART 90, PRIVATE LAND MOBILE RADIO SERVICES, e-CFR  
PART 96, Citizens Broadband Radio Service, e-CFR  
ANSI C63.26-2015 American National Standard for Compliance Testing of Transmitters  
Used in Licensed Radio Services

Chongqing Academy of Information and Communications Technology

*Month date, year*

May, 30, 2023

*Signature*



**Xiang Luoyong**

**Director**

**Note:**

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of Chongqing Academy of Information and Communications Technology.



**Report No.: I23W00005-NR-RF-Rev1**

**Revision Version**

| Report Number        | Revision | Date       | Memo                            |
|----------------------|----------|------------|---------------------------------|
| I23W00005-NR-RF      | 00       | 2023-03-09 | Initial creation of test report |
| I23W00005-NR-RF-Rev1 | 01       | 2023-05-30 | First change of test report     |

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## CONTENTS

|                                                                  |    |
|------------------------------------------------------------------|----|
| 1. Test Laboratory .....                                         | 5  |
| 1.1. Testing Location .....                                      | 5  |
| 1.2. Testing Environment .....                                   | 5  |
| 1.3. Project data .....                                          | 5  |
| 1.4. Signature .....                                             | 5  |
| 2. Client Information .....                                      | 6  |
| 2.1. Applicant Information .....                                 | 6  |
| 2.2. Manufacturer Information .....                              | 6  |
| 3. Equipment under Test (EUT) and Ancillary Equipment (AE) ..... | 7  |
| 3.1. About EUT .....                                             | 7  |
| 3.2. Internal Identification of EUT used during the test .....   | 8  |
| 3.3. Outline of Equipment under Test .....                       | 9  |
| 3.4. Internal Identification of AE used during the test .....    | 9  |
| 4. Reference Documents .....                                     | 11 |
| 4.1. Documents supplied by applicant .....                       | 11 |
| 4.2. Reference Documents for testing .....                       | 11 |
| 5. Test Equipments Utilized .....                                | 12 |
| 5.1. RF Test System .....                                        | 12 |
| 5.2. RSE Test System .....                                       | 12 |
| 5.3. Climate Chamber .....                                       | 12 |
| 5.4. Vibration table .....                                       | 13 |
| 5.5. Test software .....                                         | 13 |
| 6. Test Results .....                                            | 14 |
| 6.1. Summary of Test Results .....                               | 14 |
| 6.2. Conducted RF Power Output .....                             | 15 |
| 6.3. ERP and EIRP .....                                          | 34 |

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**Report No.: I23W00005-NR-RF-Rev1**

|                                                       |     |
|-------------------------------------------------------|-----|
| 6.4. Occupied Bandwidth .....                         | 52  |
| 6.5. Conducted spurious emissions .....               | 73  |
| 6.6. Radiated Spurious Emission .....                 | 77  |
| 6.7. Band Edge .....                                  | 82  |
| 6.8. Frequency Stability .....                        | 103 |
| 6.9. Peak to Average Ratio .....                      | 106 |
| Annex A EUT Photos .....                              | 115 |
| ANNEX B Deviations from Prescribed Test Methods ..... | 116 |

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## 1. Test Laboratory

### 1.1. Testing Location

|                     |                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Name:               | Chongqing Academy of Information and Communications Technology                                                                      |
| Designation Number: | CN1239                                                                                                                              |
| Address:            | Building C, Technology Innovation Center, No.8, Yuma Road, Chayuan New Area, Nan'an District, Chongqing, People's Republic of China |
| Postal Code:        | 401336                                                                                                                              |
| Telephone:          | 0086-23-88069965                                                                                                                    |
| Fax:                | 0086-23-88608777                                                                                                                    |

### 1.2. Testing Environment

|                     |         |
|---------------------|---------|
| Normal Temperature: | 15-35°C |
| Relative Humidity:  | 30-60%  |

### 1.3. Project data

|                     |            |
|---------------------|------------|
| Testing Start Date: | 2023-02-21 |
| Testing End Date:   | 2023-05-30 |

### 1.4. Signature



2023-05-30

**Dong Junxin**  
(Prepared this test report)

**Date**

2023-05-30

**Li Xu**  
(Reviewed this test report)

**Date**

2023-05-30

**Xiang Luoyong**  
Director of the laboratory  
(Approved this test report)

**Date**

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## 2. Client Information

### 2.1. Applicant Information

|                 |                                                                                                       |
|-----------------|-------------------------------------------------------------------------------------------------------|
| Company Name:   | SIMCom Wireless Solutions Limited                                                                     |
| Address /Post:  | SIMCom Headquarters Building, Building 3, No.289 Linhong Road,<br>Changning District, Shanghai, China |
| City:           | Shanghai                                                                                              |
| Country:        | China                                                                                                 |
| Telephone:      | 862131575100                                                                                          |
| Fax:            | --                                                                                                    |
| Email:          | Yongsheng Li@simcom.com                                                                               |
| Contact Person: | Yongsheng Li                                                                                          |

### 2.2. Manufacturer Information

|                 |                                                                                                       |
|-----------------|-------------------------------------------------------------------------------------------------------|
| Company Name:   | SIMCom Wireless Solutions Limited                                                                     |
| Address /Post:  | SIMCom Headquarters Building, Building 3, No.289 Linhong Road,<br>Changning District, Shanghai, China |
| City:           | Shanghai                                                                                              |
| Country:        | China                                                                                                 |
| Telephone:      | 862131575100                                                                                          |
| Fax:            | --                                                                                                    |
| Email:          | Yongsheng Li@simcom.com                                                                               |
| Contact Person: | Yongsheng Li                                                                                          |

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### 3. Equipment under Test (EUT) and Ancillary Equipment (AE)

#### 3.1. About EUT

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EUT Description       | SIMCom Module                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Model name            | SIM8260A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Brand name            | SIMCom                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NR SA Frequency Band  | n2,n5,n7,n12,n14,n25,n26,n41,n48,n66,n71,n77,n78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NR NSA Frequency Band | DC_7A_n2A,DC_7A_n5A,DC_66A_n5A,DC_2A_n7A,DC_5A_n7A,DC_66A_n7A,DC_66A_n25A,DC_2A_n41A,DC_66A_n41A,DC_2A_n66A,DC_5A_n66A,DC_7A_n66A,DC_12A_n66A,DC_2A_n71A,DC_66A_n71A,DC_2A_n78A,DC_7A_n78A,DC_66C_n71A,DC_2C_n71A,DC_7C_n66A,DC_7C_n5A,DC_66A-66A_n5A,DC_5A-7A_n7A,DC_66A-66A_n7A,DC_2A-66A_n25A,DC_2A-2A_n41A,DC_2A-66A_n41A,DC_2A-12A_n66A,DC_5A-7A_n66A,DC_5A-66A_n66A,DC_12A-66A_n66A,DC_7A-66A_n66A,DC_2A-66A_n71A,DC_2A-2A_n71A,DC_2A-71A_n71A,DC_66A-71A_n71A,DC_66A-66A_n71A,DC_2A-7A_n78A,DC_7A-66A-66A_n5A,DC_2C-66A_n41A,DC_2A-2A-66A_n41A,DC_5A-7A-66A_n66A,DC_5A-7C_n66A,DC_2C-66A_n71A,DC_2A-66C_n71A,DC_2A-2A-66A_n71A,DC_2A-66A-66A_n71A,DC_2A-66A-71A_n71A,DC_7C-66A-66A_n5A,DC_5A-7C-66A_n66A |
| MIMO                  | n41,n48,n77,n78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LTE Frequency Band    | 2/4/5/7/12/13/14/17/25/26/41/48/66/71/41C/LTE_2A-4A/LTE_2A-12A/LTE_2A-66A/LTE_12A-66A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| WCDMA Frequency Band  | 2/4/5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Type of modulation    | QPSK/16QAM/64QAM/256QAM<br>DFT-s-OFDM-pi/2:BPSK/QPSK/16QAM/64QAM/256QAM<br>CP-OFDM :QPSK/16QAM/64QAM/256QAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Extreme Temperature   | -30/+70°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Nominal Voltage       | 3.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Extreme High Voltage  | 4.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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|                     |     |
|---------------------|-----|
| Extreme Low Voltage | 3.3 |
|---------------------|-----|

- Note:**
- 1.NSA frequency band provided by the customer.
  - 2.Photographs of EUT are shown in ANNEX A of this test report.
  - 3.High and low voltage values in extreme condition test are given by manufacturer.

### 3.2. Internal Identification of EUT used during the test

| EUT ID | SN or IMEI           | HW Version | SW Version | Date of receipt |
|--------|----------------------|------------|------------|-----------------|
| S1     | IMEI:864680060006479 | V1.02      | V1.0.01    | 2023-02-21      |

\*EUT ID: is used to identify the test sample in the lab internally.



### 3.3. Outline of Equipment under Test

| Technology | Band        | UL Freq.(MHz) | DL Freq.(MHz) | Note |
|------------|-------------|---------------|---------------|------|
| WCDMA      | B2          | 1852.4-1907.6 | 1932.4-1987.6 | --   |
|            | B4          | 1712.4-1752.6 | 2112.4-2152.6 | --   |
|            | B5          | 826.4-846.6   | 871.4-891.6   | --   |
| LTE        | B2          | 1850 – 1910   | 1930 – 1990   | --   |
|            | B4          | 1710 – 1755   | 2110 – 2155   | --   |
|            | B5          | 824 – 849     | 869 – 894     | --   |
|            | B7          | 2500-2570     | 2620-2690     | --   |
|            | B12         | 699-716       | 729-746       | --   |
|            | B13         | 777-787       | 746-756       | --   |
|            | B14         | 788-798       | 758-768       | --   |
|            | B17         | 704-716       | 734-746       | --   |
|            | B25         | 1850-1915     | 1930-1995     | --   |
|            | B26 Part 22 | 824-849       | 869-894       | --   |
|            | B26 Part 90 | 814-824       | 859-869       | --   |
|            | B41         | 2496-2690     | 2496-2690     | --   |
|            | B48         | 3550-3700     | 3550-3700     | --   |
|            | B66         | 1710-1780     | 2110-2200     | --   |
|            | B71         | 663-698       | 617-652       | --   |
| NR         | N2          | 1850 – 1910   | 1930 – 1990   | --   |
|            | N5          | 824 – 849     | 869 – 894     | --   |
|            | N7          | 2500-2570     | 2620-2690     | --   |
|            | N12         | 699-716       | 729-746       | --   |
|            | N14         | 788-798       | 758-768       | --   |
|            | N25         | 1850-1915     | 1930-1995     | --   |

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|  |            |           |           |    |
|--|------------|-----------|-----------|----|
|  | N26 Part22 | 824-849   | 869-894   | -- |
|  | N26 Part90 | 814-824   | 859-869   | -- |
|  | N41        | 2496-2690 | 2496-2690 | -- |
|  | N48        | 3550-3700 | 3550-3700 | -- |
|  | N66        | 1710-1780 | 2110-2200 | -- |
|  | N71        | 663-698   | 617-652   | -- |
|  | N77L       | 3450-3550 | 3450-3550 | -- |
|  | N77H       | 3700-3980 | 3700-3980 | -- |
|  | N78L       | 3450-3550 | 3450-3550 | -- |
|  | N78H       | 3700-3800 | 3700-3800 | -- |

### 3.4. Internal Identification of AE used during the test

\*AE ID: is used to identify the test sample in the lab internally.

dB\*: is provided customer.

| AE ID* | Description | dB*                                                                                   |
|--------|-------------|---------------------------------------------------------------------------------------|
| AE1    | --          | $\leq 1\text{GHz}$ : 0.4<br>$1\text{GHz}-2\text{GHz}$ : 0.8<br>$\geq 2\text{GHz}$ : 1 |

## 4. Reference Documents

### 4.1. Documents supplied by applicant

PICS/PIXIT, referring to Annex B for detailed information, is supplied by the client or manufacturer, which is the basis of testing.

### 4.2. Reference Documents for testing

The following documents listed in this section are referred for testing.

| Reference      | Title                                                                                                | Version |
|----------------|------------------------------------------------------------------------------------------------------|---------|
| FCC CFR Part 2 | FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS;<br>GENERAL RULES AND REGULATIONS, e-CFR              | --      |
| PART 22        | PUBLIC MOBILE SERVICES                                                                               |         |
| PART 24        | Personal Communications Services, e-CFR                                                              | --      |
| PART 27        | MISCELLANEOUS WIRELESS COMMUNICATIONS<br>SERVICES, e-CFR                                             | --      |
| PART 90        | PRIVATE LAND MOBILE RADIO SERVICES, e-CFR,                                                           | --      |
| PART 96        | PART 96,Citizens Broadband Radio Service                                                             | --      |
| ANSI C63.26    | American National Standard for Compliance Testing of Transmitters<br>Used in Licensed Radio Services | 2015    |

## 5. Test Equipments Utilized

### 5.1. RF Test System

| No. | Equipment                            | Model  | SN         | HW Version | SW Version | Manufacture | Cal.Due Date |
|-----|--------------------------------------|--------|------------|------------|------------|-------------|--------------|
| 1   | Universal Radio Communication Tester | SP9500 | 20407      | --         | --         | StartPoint  | 2023-06-29   |
| 2   | spectrum analyzer                    | N9030B | MY57140816 | --         | --         | Keysight    | 2023-06-29   |

### 5.2. RSE Test System

| No. | Equipment                            | Model     | SN         | HW Version | SW Version | Manufa<br>cture | Cal.Due<br>Date |
|-----|--------------------------------------|-----------|------------|------------|------------|-----------------|-----------------|
| 1   | Universal Radio Communication Tester | CMW500    | 128181     | --         | --         | R&S             | 2023-06-29      |
| 2   | Test Receiver                        | ESU40     | 100350     | 01         | 4.43 SP3   | R&S             | 2023-06-29      |
| 3   | Ultra-wideband Log Periodic Antenna  | VULB 9163 | 9163-586   | --         | --         | Schwarzbeck     | 2024-10-28      |
| 4   | Double Ridged Guide Antenna          | 9120D     | 9120D-1103 | --         | --         | Schwarzbeck     | 2024-05-05      |
| 5   | Ultra-wideband Log Periodic Antenna  | VULB 9163 | 00995      | --         | --         | Schwarzbeck     | 2024-04-03      |
| 6   | Double Ridged Guide Antenna          | 9120D     | 9120D-1083 | --         | --         | Schwarzbeck     | 2024-12-14      |
| 7   | High gain horn antenna               | DATE 1152 | LM7127     |            |            | ETS             | 2024-09-06      |
| 8   | Fully-Anechoic Chamber               | FAC5      | --         | --         | --         | TDK             | 2024-09-22      |
| 9   | Generator                            | SMU 200A  | 104517     | --         | --         | R&S             | 2023-06-29      |
| 10  | Amplifier1                           | SCU-08F1  | 8320027    | --         | --         | R&S             | --              |
| 11  | Amplifier2                           | SCU-18F   | 180093     | --         | --         | R&S             | --              |

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### 5.3. Climate Chamber

| No. | Name                   | Type   | SN       | Manufacture | Cal.Due Date |
|-----|------------------------|--------|----------|-------------|--------------|
| 1   | Climate chamber        | SH-241 | 92010759 | ESPEC       | 2023-06-29   |
| 2   | Fully anechoic chamber | FAC-5  | --       | TDK         | 2024-08-30   |

### Vibration table

| No. | Name | Type | SN | Manufacture | Cal.Due Date |
|-----|------|------|----|-------------|--------------|
| --  | --   | --   | -- | --          | --           |

### 5.4. Test software

| No. | Name     | version   | SN | Manufacture                                                |
|-----|----------|-----------|----|------------------------------------------------------------|
| 1   | EMC32    | V 9.26.01 | -- | R&S                                                        |
| 2   | T-RFS500 | V2.0      | -- | Manufacturer:Beijing Zhiwang<br>Xince Technology Co., Ltd. |

## 6. Test Results

### 6.1. Summary of Test Results

A brief summary of the tests carried out is shown as following.

| FCC Rules                                                                                                                                                                                                                                                                                                                                                              | Name of Test                            | Result  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------|
| 2.1046,96.41                                                                                                                                                                                                                                                                                                                                                           | Conducted RF Power Output               | Pass    |
| 2.1046,96.41                                                                                                                                                                                                                                                                                                                                                           | ERP and EIRP                            | Pass    |
| 2.1049                                                                                                                                                                                                                                                                                                                                                                 | Occupied Bandwidth                      | *Note 1 |
| 2.1051,2.1053, 96.41                                                                                                                                                                                                                                                                                                                                                   | Conducted spurious emissions            | Pass    |
| 2.1051,2.1053, 96.41                                                                                                                                                                                                                                                                                                                                                   | Radiated Spurious Emission              | Pass    |
| 2.1051,2.1053, 96.41                                                                                                                                                                                                                                                                                                                                                   | Band Edge                               | Pass    |
| 2.1055,96.41                                                                                                                                                                                                                                                                                                                                                           | Frequency Stability                     | Pass    |
| 96.41                                                                                                                                                                                                                                                                                                                                                                  | Peak to Average Ratio                   | Pass    |
| 96.47                                                                                                                                                                                                                                                                                                                                                                  | End user device additional requirements | Pass    |
| Note 1: No applicable performance criteria.<br>Note 2:NR BW: 10/15/20/40MHz for n48 and n48-MIMO.<br>Note 3:The test results provided in this report represent the worst case configuration.<br>Note 4: This report only reflects N48 test data. See I22W00026 for other frequency band data.<br>Note 5: End user device additional requirements See report FG322309B. |                                         |         |

## 6.2. Conducted RF Power Output

|                           |                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------|
| <b>Specifications:</b>    | FCC Part 2.1046,96.41                                                                 |
| <b>DUT Serial Number:</b> | IMEI:864680060006479                                                                  |
| <b>Test conditions:</b>   | Ambient Temperature:15°C-35°C<br>Relative Humidity:30%-60%<br>Air pressure: 86-106kPa |
| <b>Test Results:</b>      | Pass                                                                                  |

### Measurement Uncertainty:

| Item                 | Uncertainty  |
|----------------------|--------------|
| Expanded Uncertainty | 0.6 dB (k=2) |

### Test Setup:

During the test, the EUT was controlled via the Wireless Telecommunications Test Set to ensure max power transmission and proper modulation



### Test Method:

The EUT is connected to the Universal Radio Communication Tester through the RF cable, and the average power and peak power are obtained through the Universal Radio Communication Tester

**Note:** --

## 6.2.1 Conducted RF Power Output Results

n48

| BAND | BW(MHz) | SCS(kHz) | FREQ(MHz) | OFDM | MODULATION | RB LOCATION    | POWER(dBm) |
|------|---------|----------|-----------|------|------------|----------------|------------|
| n48  | 10      | 30       | 3555      | DFT  | pi/2 BPSK  | Inner_Full     | 19.61      |
| n48  | 10      | 30       | 3555      | DFT  | pi/2 BPSK  | Edge_1RB_Left  | 19.12      |
| n48  | 10      | 30       | 3555      | DFT  | pi/2 BPSK  | Edge_1RB_Right | 19.12      |
| n48  | 10      | 30       | 3555      | DFT  | pi/2 BPSK  | Outer_Full     | 19.14      |
| n48  | 10      | 30       | 3555      | DFT  | QPSK       | Inner_Full     | 19.60      |
| n48  | 10      | 30       | 3555      | DFT  | QPSK       | Edge_1RB_Left  | 18.72      |
| n48  | 10      | 30       | 3555      | DFT  | QPSK       | Edge_1RB_Right | 18.72      |
| n48  | 10      | 30       | 3555      | DFT  | QPSK       | Outer_Full     | 18.65      |
| n48  | 10      | 30       | 3555      | DFT  | 16QAM      | Inner_Full     | 18.58      |
| n48  | 10      | 30       | 3555      | DFT  | 16QAM      | Edge_1RB_Left  | 17.79      |
| n48  | 10      | 30       | 3555      | DFT  | 16QAM      | Edge_1RB_Right | 17.73      |
| n48  | 10      | 30       | 3555      | DFT  | 16QAM      | Outer_Full     | 17.58      |
| n48  | 10      | 30       | 3555      | DFT  | 64QAM      | Inner_Full     | 17.06      |
| n48  | 10      | 30       | 3555      | DFT  | 64QAM      | Edge_1RB_Left  | 17.07      |
| n48  | 10      | 30       | 3555      | DFT  | 64QAM      | Edge_1RB_Right | 17.17      |
| n48  | 10      | 30       | 3555      | DFT  | 64QAM      | Outer_Full     | 17.22      |
| n48  | 10      | 30       | 3555      | DFT  | 256QAM     | Inner_Full     | 15.07      |
| n48  | 10      | 30       | 3555      | DFT  | 256QAM     | Edge_1RB_Left  | 15.05      |
| n48  | 10      | 30       | 3555      | DFT  | 256QAM     | Edge_1RB_Right | 15.06      |
| n48  | 10      | 30       | 3555      | DFT  | 256QAM     | Outer_Full     | 15.13      |
| n48  | 10      | 30       | 3555      | CP   | QPSK       | Inner_Full     | 18.12      |
| n48  | 10      | 30       | 3555      | CP   | QPSK       | Edge_1RB_Left  | 16.57      |
| n48  | 10      | 30       | 3555      | CP   | QPSK       | Edge_1RB_Right | 16.64      |
| n48  | 10      | 30       | 3555      | CP   | QPSK       | Outer_Full     | 16.66      |
| n48  | 10      | 30       | 3555      | CP   | 16QAM      | Inner_Full     | 17.60      |
| n48  | 10      | 30       | 3555      | CP   | 16QAM      | Edge_1RB_Left  | 16.65      |
| n48  | 10      | 30       | 3555      | CP   | 16QAM      | Edge_1RB_Right | 16.76      |
| n48  | 10      | 30       | 3555      | CP   | 16QAM      | Outer_Full     | 16.66      |
| n48  | 10      | 30       | 3555      | CP   | 64QAM      | Inner_Full     | 16.16      |
| n48  | 10      | 30       | 3555      | CP   | 64QAM      | Edge_1RB_Left  | 15.86      |
| n48  | 10      | 30       | 3555      | CP   | 64QAM      | Edge_1RB_Right | 15.98      |
| n48  | 10      | 30       | 3555      | CP   | 64QAM      | Outer_Full     | 16.10      |

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|     |    |    |         |     |           |                |       |
|-----|----|----|---------|-----|-----------|----------------|-------|
| n48 | 10 | 30 | 3555    | CP  | 256QAM    | Inner_Full     | 13.06 |
| n48 | 10 | 30 | 3555    | CP  | 256QAM    | Edge_1RB_Left  | 12.91 |
| n48 | 10 | 30 | 3555    | CP  | 256QAM    | Edge_1RB_Right | 12.94 |
| n48 | 10 | 30 | 3555    | CP  | 256QAM    | Outer_Full     | 13.19 |
| n48 | 10 | 30 | 3624.99 | DFT | pi/2 BPSK | Inner_Full     | 19.94 |
| n48 | 10 | 30 | 3624.99 | DFT | pi/2 BPSK | Edge_1RB_Left  | 19.50 |
| n48 | 10 | 30 | 3624.99 | DFT | pi/2 BPSK | Edge_1RB_Right | 19.46 |
| n48 | 10 | 30 | 3624.99 | DFT | pi/2 BPSK | Outer_Full     | 19.49 |
| n48 | 10 | 30 | 3624.99 | DFT | QPSK      | Inner_Full     | 19.95 |
| n48 | 10 | 30 | 3624.99 | DFT | QPSK      | Edge_1RB_Left  | 19.06 |
| n48 | 10 | 30 | 3624.99 | DFT | QPSK      | Edge_1RB_Right | 18.92 |
| n48 | 10 | 30 | 3624.99 | DFT | QPSK      | Outer_Full     | 19.01 |
| n48 | 10 | 30 | 3624.99 | DFT | 16QAM     | Inner_Full     | 18.99 |
| n48 | 10 | 30 | 3624.99 | DFT | 16QAM     | Edge_1RB_Left  | 18.11 |
| n48 | 10 | 30 | 3624.99 | DFT | 16QAM     | Edge_1RB_Right | 18.00 |
| n48 | 10 | 30 | 3624.99 | DFT | 16QAM     | Outer_Full     | 17.93 |
| n48 | 10 | 30 | 3624.99 | DFT | 64QAM     | Inner_Full     | 17.39 |
| n48 | 10 | 30 | 3624.99 | DFT | 64QAM     | Edge_1RB_Left  | 17.50 |
| n48 | 10 | 30 | 3624.99 | DFT | 64QAM     | Edge_1RB_Right | 17.47 |
| n48 | 10 | 30 | 3624.99 | DFT | 64QAM     | Outer_Full     | 17.54 |
| n48 | 10 | 30 | 3624.99 | DFT | 256QAM    | Inner_Full     | 15.43 |
| n48 | 10 | 30 | 3624.99 | DFT | 256QAM    | Edge_1RB_Left  | 15.44 |
| n48 | 10 | 30 | 3624.99 | DFT | 256QAM    | Edge_1RB_Right | 15.31 |
| n48 | 10 | 30 | 3624.99 | DFT | 256QAM    | Outer_Full     | 15.47 |
| n48 | 10 | 30 | 3624.99 | CP  | QPSK      | Inner_Full     | 18.45 |
| n48 | 10 | 30 | 3624.99 | CP  | QPSK      | Edge_1RB_Left  | 16.98 |
| n48 | 10 | 30 | 3624.99 | CP  | QPSK      | Edge_1RB_Right | 16.90 |
| n48 | 10 | 30 | 3624.99 | CP  | QPSK      | Outer_Full     | 16.93 |
| n48 | 10 | 30 | 3624.99 | CP  | 16QAM     | Inner_Full     | 17.92 |
| n48 | 10 | 30 | 3624.99 | CP  | 16QAM     | Edge_1RB_Left  | 17.13 |
| n48 | 10 | 30 | 3624.99 | CP  | 16QAM     | Edge_1RB_Right | 17.10 |
| n48 | 10 | 30 | 3624.99 | CP  | 16QAM     | Outer_Full     | 16.97 |
| n48 | 10 | 30 | 3624.99 | CP  | 64QAM     | Inner_Full     | 16.48 |
| n48 | 10 | 30 | 3624.99 | CP  | 64QAM     | Edge_1RB_Left  | 16.27 |
| n48 | 10 | 30 | 3624.99 | CP  | 64QAM     | Edge_1RB_Right | 16.26 |
| n48 | 10 | 30 | 3624.99 | CP  | 64QAM     | Outer_Full     | 16.39 |
| n48 | 10 | 30 | 3624.99 | CP  | 256QAM    | Inner_Full     | 13.40 |
| n48 | 10 | 30 | 3624.99 | CP  | 256QAM    | Edge_1RB_Left  | 13.29 |

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|     |    |    |         |     |              |                |       |
|-----|----|----|---------|-----|--------------|----------------|-------|
| n48 | 10 | 30 | 3624.99 | CP  | 256QAM       | Edge_1RB_Right | 13.19 |
| n48 | 10 | 30 | 3624.99 | CP  | 256QAM       | Outer_Full     | 13.44 |
| n48 | 10 | 30 | 3694.98 | DFT | $\pi/2$ BPSK | Inner_Full     | 19.96 |
| n48 | 10 | 30 | 3694.98 | DFT | $\pi/2$ BPSK | Edge_1RB_Left  | 19.54 |
| n48 | 10 | 30 | 3694.98 | DFT | $\pi/2$ BPSK | Edge_1RB_Right | 19.43 |
| n48 | 10 | 30 | 3694.98 | DFT | $\pi/2$ BPSK | Outer_Full     | 19.51 |
| n48 | 10 | 30 | 3694.98 | DFT | QPSK         | Inner_Full     | 19.98 |
| n48 | 10 | 30 | 3694.98 | DFT | QPSK         | Edge_1RB_Left  | 19.17 |
| n48 | 10 | 30 | 3694.98 | DFT | QPSK         | Edge_1RB_Right | 19.05 |
| n48 | 10 | 30 | 3694.98 | DFT | QPSK         | Outer_Full     | 19.02 |
| n48 | 10 | 30 | 3694.98 | DFT | 16QAM        | Inner_Full     | 18.92 |
| n48 | 10 | 30 | 3694.98 | DFT | 16QAM        | Edge_1RB_Left  | 18.13 |
| n48 | 10 | 30 | 3694.98 | DFT | 16QAM        | Edge_1RB_Right | 18.09 |
| n48 | 10 | 30 | 3694.98 | DFT | 16QAM        | Outer_Full     | 17.95 |
| n48 | 10 | 30 | 3694.98 | DFT | 64QAM        | Inner_Full     | 17.41 |
| n48 | 10 | 30 | 3694.98 | DFT | 64QAM        | Edge_1RB_Left  | 17.58 |
| n48 | 10 | 30 | 3694.98 | DFT | 64QAM        | Edge_1RB_Right | 17.48 |
| n48 | 10 | 30 | 3694.98 | DFT | 64QAM        | Outer_Full     | 17.58 |
| n48 | 10 | 30 | 3694.98 | DFT | 256QAM       | Inner_Full     | 15.36 |
| n48 | 10 | 30 | 3694.98 | DFT | 256QAM       | Edge_1RB_Left  | 15.50 |
| n48 | 10 | 30 | 3694.98 | DFT | 256QAM       | Edge_1RB_Right | 15.37 |
| n48 | 10 | 30 | 3694.98 | DFT | 256QAM       | Outer_Full     | 15.55 |
| n48 | 10 | 30 | 3694.98 | CP  | QPSK         | Inner_Full     | 18.42 |
| n48 | 10 | 30 | 3694.98 | CP  | QPSK         | Edge_1RB_Left  | 17.00 |
| n48 | 10 | 30 | 3694.98 | CP  | QPSK         | Edge_1RB_Right | 16.95 |
| n48 | 10 | 30 | 3694.98 | CP  | QPSK         | Outer_Full     | 16.96 |
| n48 | 10 | 30 | 3694.98 | CP  | 16QAM        | Inner_Full     | 17.99 |
| n48 | 10 | 30 | 3694.98 | CP  | 16QAM        | Edge_1RB_Left  | 17.07 |
| n48 | 10 | 30 | 3694.98 | CP  | 16QAM        | Edge_1RB_Right | 17.02 |
| n48 | 10 | 30 | 3694.98 | CP  | 16QAM        | Outer_Full     | 16.95 |
| n48 | 10 | 30 | 3694.98 | CP  | 64QAM        | Inner_Full     | 16.49 |
| n48 | 10 | 30 | 3694.98 | CP  | 64QAM        | Edge_1RB_Left  | 16.27 |
| n48 | 10 | 30 | 3694.98 | CP  | 64QAM        | Edge_1RB_Right | 16.24 |
| n48 | 10 | 30 | 3694.98 | CP  | 64QAM        | Outer_Full     | 16.40 |
| n48 | 10 | 30 | 3694.98 | CP  | 256QAM       | Inner_Full     | 13.48 |
| n48 | 10 | 30 | 3694.98 | CP  | 256QAM       | Edge_1RB_Left  | 13.36 |
| n48 | 10 | 30 | 3694.98 | CP  | 256QAM       | Edge_1RB_Right | 13.27 |
| n48 | 10 | 30 | 3694.98 | CP  | 256QAM       | Outer_Full     | 13.51 |

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|     |    |    |         |     |           |                |       |
|-----|----|----|---------|-----|-----------|----------------|-------|
| n48 | 15 | 30 | 3557.52 | DFT | pi/2 BPSK | Inner_Full     | 19.80 |
| n48 | 15 | 30 | 3557.52 | DFT | pi/2 BPSK | Edge_1RB_Left  | 19.21 |
| n48 | 15 | 30 | 3557.52 | DFT | pi/2 BPSK | Edge_1RB_Right | 19.21 |
| n48 | 15 | 30 | 3557.52 | DFT | pi/2 BPSK | Outer_Full     | 19.29 |
| n48 | 15 | 30 | 3557.52 | DFT | QPSK      | Inner_Full     | 19.70 |
| n48 | 15 | 30 | 3557.52 | DFT | QPSK      | Edge_1RB_Left  | 18.64 |
| n48 | 15 | 30 | 3557.52 | DFT | QPSK      | Edge_1RB_Right | 18.69 |
| n48 | 15 | 30 | 3557.52 | DFT | QPSK      | Outer_Full     | 18.82 |
| n48 | 15 | 30 | 3557.52 | DFT | 16QAM     | Inner_Full     | 18.72 |
| n48 | 15 | 30 | 3557.52 | DFT | 16QAM     | Edge_1RB_Left  | 17.73 |
| n48 | 15 | 30 | 3557.52 | DFT | 16QAM     | Edge_1RB_Right | 17.82 |
| n48 | 15 | 30 | 3557.52 | DFT | 16QAM     | Outer_Full     | 17.76 |
| n48 | 15 | 30 | 3557.52 | DFT | 64QAM     | Inner_Full     | 17.14 |
| n48 | 15 | 30 | 3557.52 | DFT | 64QAM     | Edge_1RB_Left  | 17.19 |
| n48 | 15 | 30 | 3557.52 | DFT | 64QAM     | Edge_1RB_Right | 17.23 |
| n48 | 15 | 30 | 3557.52 | DFT | 64QAM     | Outer_Full     | 17.21 |
| n48 | 15 | 30 | 3557.52 | DFT | 256QAM    | Inner_Full     | 15.15 |
| n48 | 15 | 30 | 3557.52 | DFT | 256QAM    | Edge_1RB_Left  | 14.99 |
| n48 | 15 | 30 | 3557.52 | DFT | 256QAM    | Edge_1RB_Right | 15.16 |
| n48 | 15 | 30 | 3557.52 | DFT | 256QAM    | Outer_Full     | 15.16 |
| n48 | 15 | 30 | 3557.52 | CP  | QPSK      | Inner_Full     | 18.17 |
| n48 | 15 | 30 | 3557.52 | CP  | QPSK      | Edge_1RB_Left  | 16.73 |
| n48 | 15 | 30 | 3557.52 | CP  | QPSK      | Edge_1RB_Right | 16.79 |
| n48 | 15 | 30 | 3557.52 | CP  | QPSK      | Outer_Full     | 16.70 |
| n48 | 15 | 30 | 3557.52 | CP  | 16QAM     | Inner_Full     | 17.80 |
| n48 | 15 | 30 | 3557.52 | CP  | 16QAM     | Edge_1RB_Left  | 16.63 |
| n48 | 15 | 30 | 3557.52 | CP  | 16QAM     | Edge_1RB_Right | 16.78 |
| n48 | 15 | 30 | 3557.52 | CP  | 16QAM     | Outer_Full     | 16.75 |
| n48 | 15 | 30 | 3557.52 | CP  | 64QAM     | Inner_Full     | 16.20 |
| n48 | 15 | 30 | 3557.52 | CP  | 64QAM     | Edge_1RB_Left  | 15.76 |
| n48 | 15 | 30 | 3557.52 | CP  | 64QAM     | Edge_1RB_Right | 15.94 |
| n48 | 15 | 30 | 3557.52 | CP  | 64QAM     | Outer_Full     | 16.23 |
| n48 | 15 | 30 | 3557.52 | CP  | 256QAM    | Inner_Full     | 13.14 |
| n48 | 15 | 30 | 3557.52 | CP  | 256QAM    | Edge_1RB_Left  | 12.91 |
| n48 | 15 | 30 | 3557.52 | CP  | 256QAM    | Edge_1RB_Right | 13.07 |
| n48 | 15 | 30 | 3557.52 | CP  | 256QAM    | Outer_Full     | 13.38 |
| n48 | 15 | 30 | 3624.99 | DFT | pi/2 BPSK | Inner_Full     | 20.15 |
| n48 | 15 | 30 | 3624.99 | DFT | pi/2 BPSK | Edge_1RB_Left  | 19.63 |

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|     |    |    |         |     |           |                |       |
|-----|----|----|---------|-----|-----------|----------------|-------|
| n48 | 15 | 30 | 3624.99 | DFT | pi/2 BPSK | Edge_1RB_Right | 19.51 |
| n48 | 15 | 30 | 3624.99 | DFT | pi/2 BPSK | Outer_Full     | 19.64 |
| n48 | 15 | 30 | 3624.99 | DFT | QPSK      | Inner_Full     | 20.15 |
| n48 | 15 | 30 | 3624.99 | DFT | QPSK      | Edge_1RB_Left  | 19.17 |
| n48 | 15 | 30 | 3624.99 | DFT | QPSK      | Edge_1RB_Right | 19.06 |
| n48 | 15 | 30 | 3624.99 | DFT | QPSK      | Outer_Full     | 19.16 |
| n48 | 15 | 30 | 3624.99 | DFT | 16QAM     | Inner_Full     | 19.11 |
| n48 | 15 | 30 | 3624.99 | DFT | 16QAM     | Edge_1RB_Left  | 18.17 |
| n48 | 15 | 30 | 3624.99 | DFT | 16QAM     | Edge_1RB_Right | 18.11 |
| n48 | 15 | 30 | 3624.99 | DFT | 16QAM     | Outer_Full     | 18.19 |
| n48 | 15 | 30 | 3624.99 | DFT | 64QAM     | Inner_Full     | 17.61 |
| n48 | 15 | 30 | 3624.99 | DFT | 64QAM     | Edge_1RB_Left  | 17.62 |
| n48 | 15 | 30 | 3624.99 | DFT | 64QAM     | Edge_1RB_Right | 17.51 |
| n48 | 15 | 30 | 3624.99 | DFT | 64QAM     | Outer_Full     | 17.62 |
| n48 | 15 | 30 | 3624.99 | DFT | 256QAM    | Inner_Full     | 15.59 |
| n48 | 15 | 30 | 3624.99 | DFT | 256QAM    | Edge_1RB_Left  | 15.47 |
| n48 | 15 | 30 | 3624.99 | DFT | 256QAM    | Edge_1RB_Right | 15.31 |
| n48 | 15 | 30 | 3624.99 | DFT | 256QAM    | Outer_Full     | 15.64 |
| n48 | 15 | 30 | 3624.99 | CP  | QPSK      | Inner_Full     | 18.60 |
| n48 | 15 | 30 | 3624.99 | CP  | QPSK      | Edge_1RB_Left  | 17.19 |
| n48 | 15 | 30 | 3624.99 | CP  | QPSK      | Edge_1RB_Right | 17.10 |
| n48 | 15 | 30 | 3624.99 | CP  | QPSK      | Outer_Full     | 17.18 |
| n48 | 15 | 30 | 3624.99 | CP  | 16QAM     | Inner_Full     | 18.18 |
| n48 | 15 | 30 | 3624.99 | CP  | 16QAM     | Edge_1RB_Left  | 17.15 |
| n48 | 15 | 30 | 3624.99 | CP  | 16QAM     | Edge_1RB_Right | 17.05 |
| n48 | 15 | 30 | 3624.99 | CP  | 16QAM     | Outer_Full     | 17.16 |
| n48 | 15 | 30 | 3624.99 | CP  | 64QAM     | Inner_Full     | 16.57 |
| n48 | 15 | 30 | 3624.99 | CP  | 64QAM     | Edge_1RB_Left  | 16.41 |
| n48 | 15 | 30 | 3624.99 | CP  | 64QAM     | Edge_1RB_Right | 16.33 |
| n48 | 15 | 30 | 3624.99 | CP  | 64QAM     | Outer_Full     | 16.62 |
| n48 | 15 | 30 | 3624.99 | CP  | 256QAM    | Inner_Full     | 13.62 |
| n48 | 15 | 30 | 3624.99 | CP  | 256QAM    | Edge_1RB_Left  | 13.46 |
| n48 | 15 | 30 | 3624.99 | CP  | 256QAM    | Edge_1RB_Right | 13.32 |
| n48 | 15 | 30 | 3624.99 | CP  | 256QAM    | Outer_Full     | 13.61 |
| n48 | 15 | 30 | 3692.49 | DFT | pi/2 BPSK | Inner_Full     | 20.10 |
| n48 | 15 | 30 | 3692.49 | DFT | pi/2 BPSK | Edge_1RB_Left  | 19.57 |
| n48 | 15 | 30 | 3692.49 | DFT | pi/2 BPSK | Edge_1RB_Right | 19.58 |
| n48 | 15 | 30 | 3692.49 | DFT | pi/2 BPSK | Outer_Full     | 19.60 |

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|     |    |    |         |     |              |                |       |
|-----|----|----|---------|-----|--------------|----------------|-------|
| n48 | 15 | 30 | 3692.49 | DFT | QPSK         | Inner_Full     | 20.05 |
| n48 | 15 | 30 | 3692.49 | DFT | QPSK         | Edge_1RB_Left  | 19.04 |
| n48 | 15 | 30 | 3692.49 | DFT | QPSK         | Edge_1RB_Right | 19.03 |
| n48 | 15 | 30 | 3692.49 | DFT | QPSK         | Outer_Full     | 19.09 |
| n48 | 15 | 30 | 3692.49 | DFT | 16QAM        | Inner_Full     | 19.07 |
| n48 | 15 | 30 | 3692.49 | DFT | 16QAM        | Edge_1RB_Left  | 18.11 |
| n48 | 15 | 30 | 3692.49 | DFT | 16QAM        | Edge_1RB_Right | 18.13 |
| n48 | 15 | 30 | 3692.49 | DFT | 16QAM        | Outer_Full     | 18.11 |
| n48 | 15 | 30 | 3692.49 | DFT | 64QAM        | Inner_Full     | 17.54 |
| n48 | 15 | 30 | 3692.49 | DFT | 64QAM        | Edge_1RB_Left  | 17.41 |
| n48 | 15 | 30 | 3692.49 | DFT | 64QAM        | Edge_1RB_Right | 17.46 |
| n48 | 15 | 30 | 3692.49 | DFT | 64QAM        | Outer_Full     | 17.51 |
| n48 | 15 | 30 | 3692.49 | DFT | 256QAM       | Inner_Full     | 15.53 |
| n48 | 15 | 30 | 3692.49 | DFT | 256QAM       | Edge_1RB_Left  | 15.41 |
| n48 | 15 | 30 | 3692.49 | DFT | 256QAM       | Edge_1RB_Right | 15.47 |
| n48 | 15 | 30 | 3692.49 | DFT | 256QAM       | Outer_Full     | 15.59 |
| n48 | 15 | 30 | 3692.49 | CP  | QPSK         | Inner_Full     | 18.53 |
| n48 | 15 | 30 | 3692.49 | CP  | QPSK         | Edge_1RB_Left  | 17.05 |
| n48 | 15 | 30 | 3692.49 | CP  | QPSK         | Edge_1RB_Right | 17.12 |
| n48 | 15 | 30 | 3692.49 | CP  | QPSK         | Outer_Full     | 17.03 |
| n48 | 15 | 30 | 3692.49 | CP  | 16QAM        | Inner_Full     | 18.11 |
| n48 | 15 | 30 | 3692.49 | CP  | 16QAM        | Edge_1RB_Left  | 17.08 |
| n48 | 15 | 30 | 3692.49 | CP  | 16QAM        | Edge_1RB_Right | 17.13 |
| n48 | 15 | 30 | 3692.49 | CP  | 16QAM        | Outer_Full     | 17.11 |
| n48 | 15 | 30 | 3692.49 | CP  | 64QAM        | Inner_Full     | 16.56 |
| n48 | 15 | 30 | 3692.49 | CP  | 64QAM        | Edge_1RB_Left  | 16.32 |
| n48 | 15 | 30 | 3692.49 | CP  | 64QAM        | Edge_1RB_Right | 16.39 |
| n48 | 15 | 30 | 3692.49 | CP  | 64QAM        | Outer_Full     | 16.56 |
| n48 | 15 | 30 | 3692.49 | CP  | 256QAM       | Inner_Full     | 13.48 |
| n48 | 15 | 30 | 3692.49 | CP  | 256QAM       | Edge_1RB_Left  | 13.33 |
| n48 | 15 | 30 | 3692.49 | CP  | 256QAM       | Edge_1RB_Right | 13.37 |
| n48 | 15 | 30 | 3692.49 | CP  | 256QAM       | Outer_Full     | 13.54 |
| n48 | 20 | 30 | 3560.01 | DFT | $\pi/2$ BPSK | Inner_Full     | 19.87 |
| n48 | 20 | 30 | 3560.01 | DFT | $\pi/2$ BPSK | Edge_1RB_Left  | 19.24 |
| n48 | 20 | 30 | 3560.01 | DFT | $\pi/2$ BPSK | Edge_1RB_Right | 19.29 |
| n48 | 20 | 30 | 3560.01 | DFT | $\pi/2$ BPSK | Outer_Full     | 19.37 |
| n48 | 20 | 30 | 3560.01 | DFT | QPSK         | Inner_Full     | 19.78 |
| n48 | 20 | 30 | 3560.01 | DFT | QPSK         | Edge_1RB_Left  | 18.74 |

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|     |    |    |         |     |           |                |       |
|-----|----|----|---------|-----|-----------|----------------|-------|
| n48 | 20 | 30 | 3560.01 | DFT | QPSK      | Edge_1RB_Right | 18.75 |
| n48 | 20 | 30 | 3560.01 | DFT | QPSK      | Outer_Full     | 18.83 |
| n48 | 20 | 30 | 3560.01 | DFT | 16QAM     | Inner_Full     | 18.86 |
| n48 | 20 | 30 | 3560.01 | DFT | 16QAM     | Edge_1RB_Left  | 17.74 |
| n48 | 20 | 30 | 3560.01 | DFT | 16QAM     | Edge_1RB_Right | 17.85 |
| n48 | 20 | 30 | 3560.01 | DFT | 16QAM     | Outer_Full     | 17.82 |
| n48 | 20 | 30 | 3560.01 | DFT | 64QAM     | Inner_Full     | 17.37 |
| n48 | 20 | 30 | 3560.01 | DFT | 64QAM     | Edge_1RB_Left  | 17.21 |
| n48 | 20 | 30 | 3560.01 | DFT | 64QAM     | Edge_1RB_Right | 17.32 |
| n48 | 20 | 30 | 3560.01 | DFT | 64QAM     | Outer_Full     | 17.31 |
| n48 | 20 | 30 | 3560.01 | DFT | 256QAM    | Inner_Full     | 15.17 |
| n48 | 20 | 30 | 3560.01 | DFT | 256QAM    | Edge_1RB_Left  | 15.00 |
| n48 | 20 | 30 | 3560.01 | DFT | 256QAM    | Edge_1RB_Right | 15.16 |
| n48 | 20 | 30 | 3560.01 | DFT | 256QAM    | Outer_Full     | 15.33 |
| n48 | 20 | 30 | 3560.01 | CP  | QPSK      | Inner_Full     | 18.25 |
| n48 | 20 | 30 | 3560.01 | CP  | QPSK      | Edge_1RB_Left  | 16.64 |
| n48 | 20 | 30 | 3560.01 | CP  | QPSK      | Edge_1RB_Right | 16.72 |
| n48 | 20 | 30 | 3560.01 | CP  | QPSK      | Outer_Full     | 16.85 |
| n48 | 20 | 30 | 3560.01 | CP  | 16QAM     | Inner_Full     | 17.72 |
| n48 | 20 | 30 | 3560.01 | CP  | 16QAM     | Edge_1RB_Left  | 16.70 |
| n48 | 20 | 30 | 3560.01 | CP  | 16QAM     | Edge_1RB_Right | 16.81 |
| n48 | 20 | 30 | 3560.01 | CP  | 16QAM     | Outer_Full     | 16.93 |
| n48 | 20 | 30 | 3560.01 | CP  | 64QAM     | Inner_Full     | 16.21 |
| n48 | 20 | 30 | 3560.01 | CP  | 64QAM     | Edge_1RB_Left  | 15.96 |
| n48 | 20 | 30 | 3560.01 | CP  | 64QAM     | Edge_1RB_Right | 16.08 |
| n48 | 20 | 30 | 3560.01 | CP  | 64QAM     | Outer_Full     | 16.33 |
| n48 | 20 | 30 | 3560.01 | CP  | 256QAM    | Inner_Full     | 13.31 |
| n48 | 20 | 30 | 3560.01 | CP  | 256QAM    | Edge_1RB_Left  | 12.96 |
| n48 | 20 | 30 | 3560.01 | CP  | 256QAM    | Edge_1RB_Right | 13.00 |
| n48 | 20 | 30 | 3560.01 | CP  | 256QAM    | Outer_Full     | 13.39 |
| n48 | 20 | 30 | 3624.99 | DFT | pi/2 BPSK | Inner_Full     | 20.17 |
| n48 | 20 | 30 | 3624.99 | DFT | pi/2 BPSK | Edge_1RB_Left  | 19.69 |
| n48 | 20 | 30 | 3624.99 | DFT | pi/2 BPSK | Edge_1RB_Right | 19.50 |
| n48 | 20 | 30 | 3624.99 | DFT | pi/2 BPSK | Outer_Full     | 19.69 |
| n48 | 20 | 30 | 3624.99 | DFT | QPSK      | Inner_Full     | 20.18 |
| n48 | 20 | 30 | 3624.99 | DFT | QPSK      | Edge_1RB_Left  | 19.19 |
| n48 | 20 | 30 | 3624.99 | DFT | QPSK      | Edge_1RB_Right | 19.08 |
| n48 | 20 | 30 | 3624.99 | DFT | QPSK      | Outer_Full     | 19.15 |

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|     |    |    |         |     |              |                |       |
|-----|----|----|---------|-----|--------------|----------------|-------|
| n48 | 20 | 30 | 3624.99 | DFT | 16QAM        | Inner_Full     | 19.15 |
| n48 | 20 | 30 | 3624.99 | DFT | 16QAM        | Edge_1RB_Left  | 18.29 |
| n48 | 20 | 30 | 3624.99 | DFT | 16QAM        | Edge_1RB_Right | 18.08 |
| n48 | 20 | 30 | 3624.99 | DFT | 16QAM        | Outer_Full     | 18.12 |
| n48 | 20 | 30 | 3624.99 | DFT | 64QAM        | Inner_Full     | 17.66 |
| n48 | 20 | 30 | 3624.99 | DFT | 64QAM        | Edge_1RB_Left  | 17.69 |
| n48 | 20 | 30 | 3624.99 | DFT | 64QAM        | Edge_1RB_Right | 17.54 |
| n48 | 20 | 30 | 3624.99 | DFT | 64QAM        | Outer_Full     | 17.66 |
| n48 | 20 | 30 | 3624.99 | DFT | 256QAM       | Inner_Full     | 15.59 |
| n48 | 20 | 30 | 3624.99 | DFT | 256QAM       | Edge_1RB_Left  | 15.51 |
| n48 | 20 | 30 | 3624.99 | DFT | 256QAM       | Edge_1RB_Right | 15.40 |
| n48 | 20 | 30 | 3624.99 | DFT | 256QAM       | Outer_Full     | 15.63 |
| n48 | 20 | 30 | 3624.99 | CP  | QPSK         | Inner_Full     | 18.63 |
| n48 | 20 | 30 | 3624.99 | CP  | QPSK         | Edge_1RB_Left  | 17.17 |
| n48 | 20 | 30 | 3624.99 | CP  | QPSK         | Edge_1RB_Right | 17.10 |
| n48 | 20 | 30 | 3624.99 | CP  | QPSK         | Outer_Full     | 17.18 |
| n48 | 20 | 30 | 3624.99 | CP  | 16QAM        | Inner_Full     | 18.17 |
| n48 | 20 | 30 | 3624.99 | CP  | 16QAM        | Edge_1RB_Left  | 17.32 |
| n48 | 20 | 30 | 3624.99 | CP  | 16QAM        | Edge_1RB_Right | 17.14 |
| n48 | 20 | 30 | 3624.99 | CP  | 16QAM        | Outer_Full     | 17.19 |
| n48 | 20 | 30 | 3624.99 | CP  | 64QAM        | Inner_Full     | 16.64 |
| n48 | 20 | 30 | 3624.99 | CP  | 64QAM        | Edge_1RB_Left  | 16.46 |
| n48 | 20 | 30 | 3624.99 | CP  | 64QAM        | Edge_1RB_Right | 16.30 |
| n48 | 20 | 30 | 3624.99 | CP  | 64QAM        | Outer_Full     | 16.67 |
| n48 | 20 | 30 | 3624.99 | CP  | 256QAM       | Inner_Full     | 13.69 |
| n48 | 20 | 30 | 3624.99 | CP  | 256QAM       | Edge_1RB_Left  | 13.47 |
| n48 | 20 | 30 | 3624.99 | CP  | 256QAM       | Edge_1RB_Right | 13.30 |
| n48 | 20 | 30 | 3624.99 | CP  | 256QAM       | Outer_Full     | 13.73 |
| n48 | 20 | 30 | 3690    | DFT | $\pi/2$ BPSK | Inner_Full     | 20.11 |
| n48 | 20 | 30 | 3690    | DFT | $\pi/2$ BPSK | Edge_1RB_Left  | 19.61 |
| n48 | 20 | 30 | 3690    | DFT | $\pi/2$ BPSK | Edge_1RB_Right | 19.61 |
| n48 | 20 | 30 | 3690    | DFT | $\pi/2$ BPSK | Outer_Full     | 19.59 |
| n48 | 20 | 30 | 3690    | DFT | QPSK         | Inner_Full     | 20.12 |
| n48 | 20 | 30 | 3690    | DFT | QPSK         | Edge_1RB_Left  | 19.10 |
| n48 | 20 | 30 | 3690    | DFT | QPSK         | Edge_1RB_Right | 19.12 |
| n48 | 20 | 30 | 3690    | DFT | QPSK         | Outer_Full     | 19.08 |
| n48 | 20 | 30 | 3690    | DFT | 16QAM        | Inner_Full     | 19.15 |
| n48 | 20 | 30 | 3690    | DFT | 16QAM        | Edge_1RB_Left  | 18.16 |

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|     |    |    |      |     |              |                |       |
|-----|----|----|------|-----|--------------|----------------|-------|
| n48 | 20 | 30 | 3690 | DFT | 16QAM        | Edge_1RB_Right | 18.17 |
| n48 | 20 | 30 | 3690 | DFT | 16QAM        | Outer_Full     | 18.05 |
| n48 | 20 | 30 | 3690 | DFT | 64QAM        | Inner_Full     | 17.62 |
| n48 | 20 | 30 | 3690 | DFT | 64QAM        | Edge_1RB_Left  | 17.55 |
| n48 | 20 | 30 | 3690 | DFT | 64QAM        | Edge_1RB_Right | 17.55 |
| n48 | 20 | 30 | 3690 | DFT | 64QAM        | Outer_Full     | 17.58 |
| n48 | 20 | 30 | 3690 | DFT | 256QAM       | Inner_Full     | 15.49 |
| n48 | 20 | 30 | 3690 | DFT | 256QAM       | Edge_1RB_Left  | 15.46 |
| n48 | 20 | 30 | 3690 | DFT | 256QAM       | Edge_1RB_Right | 15.48 |
| n48 | 20 | 30 | 3690 | DFT | 256QAM       | Outer_Full     | 15.58 |
| n48 | 20 | 30 | 3690 | CP  | QPSK         | Inner_Full     | 18.53 |
| n48 | 20 | 30 | 3690 | CP  | QPSK         | Edge_1RB_Left  | 17.09 |
| n48 | 20 | 30 | 3690 | CP  | QPSK         | Edge_1RB_Right | 17.14 |
| n48 | 20 | 30 | 3690 | CP  | QPSK         | Outer_Full     | 17.08 |
| n48 | 20 | 30 | 3690 | CP  | 16QAM        | Inner_Full     | 18.08 |
| n48 | 20 | 30 | 3690 | CP  | 16QAM        | Edge_1RB_Left  | 17.17 |
| n48 | 20 | 30 | 3690 | CP  | 16QAM        | Edge_1RB_Right | 17.18 |
| n48 | 20 | 30 | 3690 | CP  | 16QAM        | Outer_Full     | 17.13 |
| n48 | 20 | 30 | 3690 | CP  | 64QAM        | Inner_Full     | 16.57 |
| n48 | 20 | 30 | 3690 | CP  | 64QAM        | Edge_1RB_Left  | 16.38 |
| n48 | 20 | 30 | 3690 | CP  | 64QAM        | Edge_1RB_Right | 16.32 |
| n48 | 20 | 30 | 3690 | CP  | 64QAM        | Outer_Full     | 16.59 |
| n48 | 20 | 30 | 3690 | CP  | 256QAM       | Inner_Full     | 13.51 |
| n48 | 20 | 30 | 3690 | CP  | 256QAM       | Edge_1RB_Left  | 13.33 |
| n48 | 20 | 30 | 3690 | CP  | 256QAM       | Edge_1RB_Right | 13.38 |
| n48 | 20 | 30 | 3690 | CP  | 256QAM       | Outer_Full     | 13.62 |
| n48 | 40 | 30 | 3570 | DFT | $\pi/2$ BPSK | Inner_Full     | 19.83 |
| n48 | 40 | 30 | 3570 | DFT | $\pi/2$ BPSK | Edge_1RB_Left  | 19.27 |
| n48 | 40 | 30 | 3570 | DFT | $\pi/2$ BPSK | Edge_1RB_Right | 19.60 |
| n48 | 40 | 30 | 3570 | DFT | $\pi/2$ BPSK | Outer_Full     | 19.31 |
| n48 | 40 | 30 | 3570 | DFT | QPSK         | Inner_Full     | 19.82 |
| n48 | 40 | 30 | 3570 | DFT | QPSK         | Edge_1RB_Left  | 18.76 |
| n48 | 40 | 30 | 3570 | DFT | QPSK         | Edge_1RB_Right | 19.07 |
| n48 | 40 | 30 | 3570 | DFT | QPSK         | Outer_Full     | 18.80 |
| n48 | 40 | 30 | 3570 | DFT | 16QAM        | Inner_Full     | 18.84 |
| n48 | 40 | 30 | 3570 | DFT | 16QAM        | Edge_1RB_Left  | 17.82 |
| n48 | 40 | 30 | 3570 | DFT | 16QAM        | Edge_1RB_Right | 18.18 |
| n48 | 40 | 30 | 3570 | DFT | 16QAM        | Outer_Full     | 17.78 |

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|     |    |    |         |     |              |                |       |
|-----|----|----|---------|-----|--------------|----------------|-------|
| n48 | 40 | 30 | 3570    | DFT | 64QAM        | Inner_Full     | 17.34 |
| n48 | 40 | 30 | 3570    | DFT | 64QAM        | Edge_1RB_Left  | 17.33 |
| n48 | 40 | 30 | 3570    | DFT | 64QAM        | Edge_1RB_Right | 17.63 |
| n48 | 40 | 30 | 3570    | DFT | 64QAM        | Outer_Full     | 17.32 |
| n48 | 40 | 30 | 3570    | DFT | 256QAM       | Inner_Full     | 15.26 |
| n48 | 40 | 30 | 3570    | DFT | 256QAM       | Edge_1RB_Left  | 15.15 |
| n48 | 40 | 30 | 3570    | DFT | 256QAM       | Edge_1RB_Right | 15.47 |
| n48 | 40 | 30 | 3570    | DFT | 256QAM       | Outer_Full     | 15.31 |
| n48 | 40 | 30 | 3570    | CP  | QPSK         | Inner_Full     | 18.31 |
| n48 | 40 | 30 | 3570    | CP  | QPSK         | Edge_1RB_Left  | 16.77 |
| n48 | 40 | 30 | 3570    | CP  | QPSK         | Edge_1RB_Right | 17.18 |
| n48 | 40 | 30 | 3570    | CP  | QPSK         | Outer_Full     | 16.79 |
| n48 | 40 | 30 | 3570    | CP  | 16QAM        | Inner_Full     | 17.84 |
| n48 | 40 | 30 | 3570    | CP  | 16QAM        | Edge_1RB_Left  | 16.90 |
| n48 | 40 | 30 | 3570    | CP  | 16QAM        | Edge_1RB_Right | 17.27 |
| n48 | 40 | 30 | 3570    | CP  | 16QAM        | Outer_Full     | 16.80 |
| n48 | 40 | 30 | 3570    | CP  | 64QAM        | Inner_Full     | 16.28 |
| n48 | 40 | 30 | 3570    | CP  | 64QAM        | Edge_1RB_Left  | 16.11 |
| n48 | 40 | 30 | 3570    | CP  | 64QAM        | Edge_1RB_Right | 16.49 |
| n48 | 40 | 30 | 3570    | CP  | 64QAM        | Outer_Full     | 16.32 |
| n48 | 40 | 30 | 3570    | CP  | 256QAM       | Inner_Full     | 13.29 |
| n48 | 40 | 30 | 3570    | CP  | 256QAM       | Edge_1RB_Left  | 13.00 |
| n48 | 40 | 30 | 3570    | CP  | 256QAM       | Edge_1RB_Right | 13.39 |
| n48 | 40 | 30 | 3570    | CP  | 256QAM       | Outer_Full     | 13.33 |
| n48 | 40 | 30 | 3624.99 | DFT | $\pi/2$ BPSK | Inner_Full     | 20.16 |
| n48 | 40 | 30 | 3624.99 | DFT | $\pi/2$ BPSK | Edge_1RB_Left  | 19.81 |
| n48 | 40 | 30 | 3624.99 | DFT | $\pi/2$ BPSK | Edge_1RB_Right | 19.70 |
| n48 | 40 | 30 | 3624.99 | DFT | $\pi/2$ BPSK | Outer_Full     | 19.63 |
| n48 | 40 | 30 | 3624.99 | DFT | QPSK         | Inner_Full     | 20.16 |
| n48 | 40 | 30 | 3624.99 | DFT | QPSK         | Edge_1RB_Left  | 19.31 |
| n48 | 40 | 30 | 3624.99 | DFT | QPSK         | Edge_1RB_Right | 19.18 |
| n48 | 40 | 30 | 3624.99 | DFT | QPSK         | Outer_Full     | 19.14 |
| n48 | 40 | 30 | 3624.99 | DFT | 16QAM        | Inner_Full     | 19.16 |
| n48 | 40 | 30 | 3624.99 | DFT | 16QAM        | Edge_1RB_Left  | 18.36 |
| n48 | 40 | 30 | 3624.99 | DFT | 16QAM        | Edge_1RB_Right | 18.29 |
| n48 | 40 | 30 | 3624.99 | DFT | 16QAM        | Outer_Full     | 18.15 |
| n48 | 40 | 30 | 3624.99 | DFT | 64QAM        | Inner_Full     | 17.62 |
| n48 | 40 | 30 | 3624.99 | DFT | 64QAM        | Edge_1RB_Left  | 17.85 |

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|     |    |    |         |     |              |                |       |
|-----|----|----|---------|-----|--------------|----------------|-------|
| n48 | 40 | 30 | 3624.99 | DFT | 64QAM        | Edge_1RB_Right | 17.72 |
| n48 | 40 | 30 | 3624.99 | DFT | 64QAM        | Outer_Full     | 17.65 |
| n48 | 40 | 30 | 3624.99 | DFT | 256QAM       | Inner_Full     | 15.62 |
| n48 | 40 | 30 | 3624.99 | DFT | 256QAM       | Edge_1RB_Left  | 15.64 |
| n48 | 40 | 30 | 3624.99 | DFT | 256QAM       | Edge_1RB_Right | 15.58 |
| n48 | 40 | 30 | 3624.99 | DFT | 256QAM       | Outer_Full     | 15.60 |
| n48 | 40 | 30 | 3624.99 | CP  | QPSK         | Inner_Full     | 18.58 |
| n48 | 40 | 30 | 3624.99 | CP  | QPSK         | Edge_1RB_Left  | 17.27 |
| n48 | 40 | 30 | 3624.99 | CP  | QPSK         | Edge_1RB_Right | 17.35 |
| n48 | 40 | 30 | 3624.99 | CP  | QPSK         | Outer_Full     | 17.13 |
| n48 | 40 | 30 | 3624.99 | CP  | 16QAM        | Inner_Full     | 18.17 |
| n48 | 40 | 30 | 3624.99 | CP  | 16QAM        | Edge_1RB_Left  | 17.41 |
| n48 | 40 | 30 | 3624.99 | CP  | 16QAM        | Edge_1RB_Right | 17.42 |
| n48 | 40 | 30 | 3624.99 | CP  | 16QAM        | Outer_Full     | 17.12 |
| n48 | 40 | 30 | 3624.99 | CP  | 64QAM        | Inner_Full     | 16.61 |
| n48 | 40 | 30 | 3624.99 | CP  | 64QAM        | Edge_1RB_Left  | 16.62 |
| n48 | 40 | 30 | 3624.99 | CP  | 64QAM        | Edge_1RB_Right | 16.52 |
| n48 | 40 | 30 | 3624.99 | CP  | 64QAM        | Outer_Full     | 16.65 |
| n48 | 40 | 30 | 3624.99 | CP  | 256QAM       | Inner_Full     | 13.59 |
| n48 | 40 | 30 | 3624.99 | CP  | 256QAM       | Edge_1RB_Left  | 13.55 |
| n48 | 40 | 30 | 3624.99 | CP  | 256QAM       | Edge_1RB_Right | 13.47 |
| n48 | 40 | 30 | 3624.99 | CP  | 256QAM       | Outer_Full     | 13.56 |
| n48 | 40 | 30 | 3679.98 | DFT | $\pi/2$ BPSK | Inner_Full     | 20.19 |
| n48 | 40 | 30 | 3679.98 | DFT | $\pi/2$ BPSK | Edge_1RB_Left  | 19.80 |
| n48 | 40 | 30 | 3679.98 | DFT | $\pi/2$ BPSK | Edge_1RB_Right | 19.84 |
| n48 | 40 | 30 | 3679.98 | DFT | $\pi/2$ BPSK | Outer_Full     | 19.69 |
| n48 | 40 | 30 | 3679.98 | DFT | QPSK         | Inner_Full     | 20.18 |
| n48 | 40 | 30 | 3679.98 | DFT | QPSK         | Edge_1RB_Left  | 19.36 |
| n48 | 40 | 30 | 3679.98 | DFT | QPSK         | Edge_1RB_Right | 19.45 |
| n48 | 40 | 30 | 3679.98 | DFT | QPSK         | Outer_Full     | 19.18 |
| n48 | 40 | 30 | 3679.98 | DFT | 16QAM        | Inner_Full     | 19.16 |
| n48 | 40 | 30 | 3679.98 | DFT | 16QAM        | Edge_1RB_Left  | 18.38 |
| n48 | 40 | 30 | 3679.98 | DFT | 16QAM        | Edge_1RB_Right | 18.46 |
| n48 | 40 | 30 | 3679.98 | DFT | 16QAM        | Outer_Full     | 18.19 |
| n48 | 40 | 30 | 3679.98 | DFT | 64QAM        | Inner_Full     | 17.65 |
| n48 | 40 | 30 | 3679.98 | DFT | 64QAM        | Edge_1RB_Left  | 17.78 |
| n48 | 40 | 30 | 3679.98 | DFT | 64QAM        | Edge_1RB_Right | 17.85 |
| n48 | 40 | 30 | 3679.98 | DFT | 64QAM        | Outer_Full     | 17.68 |

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## Report No.: I23W00005-NR-RF-Rev1

|     |    |    |         |     |        |                |       |
|-----|----|----|---------|-----|--------|----------------|-------|
| n48 | 40 | 30 | 3679.98 | DFT | 256QAM | Inner_Full     | 15.58 |
| n48 | 40 | 30 | 3679.98 | DFT | 256QAM | Edge_1RB_Left  | 15.69 |
| n48 | 40 | 30 | 3679.98 | DFT | 256QAM | Edge_1RB_Right | 15.76 |
| n48 | 40 | 30 | 3679.98 | DFT | 256QAM | Outer_Full     | 15.64 |
| n48 | 40 | 30 | 3679.98 | CP  | QPSK   | Inner_Full     | 18.61 |
| n48 | 40 | 30 | 3679.98 | CP  | QPSK   | Edge_1RB_Left  | 17.25 |
| n48 | 40 | 30 | 3679.98 | CP  | QPSK   | Edge_1RB_Right | 17.33 |
| n48 | 40 | 30 | 3679.98 | CP  | QPSK   | Outer_Full     | 17.15 |
| n48 | 40 | 30 | 3679.98 | CP  | 16QAM  | Inner_Full     | 18.16 |
| n48 | 40 | 30 | 3679.98 | CP  | 16QAM  | Edge_1RB_Left  | 17.40 |
| n48 | 40 | 30 | 3679.98 | CP  | 16QAM  | Edge_1RB_Right | 17.51 |
| n48 | 40 | 30 | 3679.98 | CP  | 16QAM  | Outer_Full     | 17.22 |
| n48 | 40 | 30 | 3679.98 | CP  | 64QAM  | Inner_Full     | 16.63 |
| n48 | 40 | 30 | 3679.98 | CP  | 64QAM  | Edge_1RB_Left  | 16.61 |
| n48 | 40 | 30 | 3679.98 | CP  | 64QAM  | Edge_1RB_Right | 16.73 |
| n48 | 40 | 30 | 3679.98 | CP  | 64QAM  | Outer_Full     | 16.64 |
| n48 | 40 | 30 | 3679.98 | CP  | 256QAM | Inner_Full     | 13.61 |
| n48 | 40 | 30 | 3679.98 | CP  | 256QAM | Edge_1RB_Left  | 13.53 |
| n48 | 40 | 30 | 3679.98 | CP  | 256QAM | Edge_1RB_Right | 13.60 |
| n48 | 40 | 30 | 3679.98 | CP  | 256QAM | Outer_Full     | 13.65 |

### n48-MIMO

| BAN<br>D | BW(MHz<br>) | SCS(kHz<br>) | FREQ(MHz<br>) | OFDM | MODULATION | RB LOCATION    | Port1Power<br>(dBm) | Port2<br>Power<br>(dBm) | Total<br>Power(dBm<br>) |
|----------|-------------|--------------|---------------|------|------------|----------------|---------------------|-------------------------|-------------------------|
| n48      | 10          | 30           | 3555          | CP   | QPSK       | Inner_Full     | 15.23               | 11.30                   | 16.70                   |
| n48      | 10          | 30           | 3555          | CP   | QPSK       | Edge_1RB_Left  | 13.64               | 9.88                    | 15.17                   |
| n48      | 10          | 30           | 3555          | CP   | QPSK       | Edge_1RB_Right | 13.76               | 9.90                    | 15.25                   |
| n48      | 10          | 30           | 3555          | CP   | QPSK       | Outer_Full     | 13.71               | 9.87                    | 15.21                   |
| n48      | 10          | 30           | 3555          | CP   | 16QAM      | Inner_Full     | 14.54               | 10.88                   | 16.09                   |
| n48      | 10          | 30           | 3555          | CP   | 16QAM      | Edge_1RB_Left  | 13.69               | 9.78                    | 15.17                   |
| n48      | 10          | 30           | 3555          | CP   | 16QAM      | Edge_1RB_Right | 13.83               | 9.79                    | 15.27                   |
| n48      | 10          | 30           | 3555          | CP   | 16QAM      | Outer_Full     | 13.68               | 9.89                    | 15.20                   |
| n48      | 10          | 30           | 3555          | CP   | 64QAM      | Inner_Full     | 13.12               | 9.21                    | 14.60                   |
| n48      | 10          | 30           | 3555          | CP   | 64QAM      | Edge_1RB_Left  | 13.09               | 9.32                    | 14.61                   |
| n48      | 10          | 30           | 3555          | CP   | 64QAM      | Edge_1RB_Right | 13.18               | 9.37                    | 14.69                   |

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|     |    |    |         |    |        |                |       |       |       |
|-----|----|----|---------|----|--------|----------------|-------|-------|-------|
| n48 | 10 | 30 | 3555    | CP | 64QAM  | Outer_Full     | 13.23 | 9.26  | 14.69 |
| n48 | 10 | 30 | 3555    | CP | 256QAM | Inner_Full     | 9.97  | 6.36  | 11.54 |
| n48 | 10 | 30 | 3555    | CP | 256QAM | Edge_1RB_Left  | 9.81  | 6.06  | 11.34 |
| n48 | 10 | 30 | 3555    | CP | 256QAM | Edge_1RB_Right | 9.88  | 6.17  | 11.42 |
| n48 | 10 | 30 | 3555    | CP | 256QAM | Outer_Full     | 10.06 | 6.35  | 11.60 |
| n48 | 10 | 30 | 3624.99 | CP | QPSK   | Inner_Full     | 16.14 | 11.81 | 17.51 |
| n48 | 10 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Left  | 14.59 | 10.40 | 15.99 |
| n48 | 10 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Right | 14.58 | 10.27 | 15.95 |
| n48 | 10 | 30 | 3624.99 | CP | QPSK   | Outer_Full     | 14.58 | 10.32 | 15.96 |
| n48 | 10 | 30 | 3624.99 | CP | 16QAM  | Inner_Full     | 15.54 | 11.31 | 16.93 |
| n48 | 10 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Left  | 14.59 | 10.25 | 15.95 |
| n48 | 10 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Right | 14.60 | 10.22 | 15.95 |
| n48 | 10 | 30 | 3624.99 | CP | 16QAM  | Outer_Full     | 14.57 | 10.32 | 15.95 |
| n48 | 10 | 30 | 3624.99 | CP | 64QAM  | Inner_Full     | 14.08 | 9.71  | 15.43 |
| n48 | 10 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Left  | 14.01 | 9.92  | 15.44 |
| n48 | 10 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Right | 13.99 | 9.86  | 15.41 |
| n48 | 10 | 30 | 3624.99 | CP | 64QAM  | Outer_Full     | 14.12 | 9.76  | 15.48 |
| n48 | 10 | 30 | 3624.99 | CP | 256QAM | Inner_Full     | 10.95 | 6.76  | 12.36 |
| n48 | 10 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Left  | 10.81 | 6.62  | 12.21 |
| n48 | 10 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Right | 10.80 | 6.56  | 12.19 |
| n48 | 10 | 30 | 3624.99 | CP | 256QAM | Outer_Full     | 10.97 | 6.86  | 12.40 |
| n48 | 10 | 30 | 3694.98 | CP | QPSK   | Inner_Full     | 15.78 | 11.68 | 17.20 |
| n48 | 10 | 30 | 3694.98 | CP | QPSK   | Edge_1RB_Left  | 14.40 | 10.25 | 15.81 |
| n48 | 10 | 30 | 3694.98 | CP | QPSK   | Edge_1RB_Right | 14.26 | 10.16 | 15.69 |
| n48 | 10 | 30 | 3694.98 | CP | QPSK   | Outer_Full     | 14.32 | 10.18 | 15.73 |
| n48 | 10 | 30 | 3694.98 | CP | 16QAM  | Inner_Full     | 15.14 | 11.23 | 16.62 |
| n48 | 10 | 30 | 3694.98 | CP | 16QAM  | Edge_1RB_Left  | 14.45 | 10.16 | 15.82 |
| n48 | 10 | 30 | 3694.98 | CP | 16QAM  | Edge_1RB_Right | 14.31 | 10.18 | 15.73 |
| n48 | 10 | 30 | 3694.98 | CP | 16QAM  | Outer_Full     | 14.24 | 10.29 | 15.71 |
| n48 | 10 | 30 | 3694.98 | CP | 64QAM  | Inner_Full     | 13.74 | 9.63  | 15.16 |
| n48 | 10 | 30 | 3694.98 | CP | 64QAM  | Edge_1RB_Left  | 13.84 | 9.68  | 15.25 |

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|     |    |    |         |    |        |                |       |       |       |
|-----|----|----|---------|----|--------|----------------|-------|-------|-------|
| n48 | 10 | 30 | 3694.98 | CP | 64QAM  | Edge_1RB_Right | 13.74 | 9.71  | 15.19 |
| n48 | 10 | 30 | 3694.98 | CP | 64QAM  | Outer_Full     | 13.78 | 9.65  | 15.20 |
| n48 | 10 | 30 | 3694.98 | CP | 256QAM | Inner_Full     | 10.61 | 6.73  | 12.10 |
| n48 | 10 | 30 | 3694.98 | CP | 256QAM | Edge_1RB_Left  | 10.49 | 6.51  | 11.95 |
| n48 | 10 | 30 | 3694.98 | CP | 256QAM | Edge_1RB_Right | 10.40 | 6.52  | 11.89 |
| n48 | 10 | 30 | 3694.98 | CP | 256QAM | Outer_Full     | 10.68 | 6.80  | 12.17 |
| n48 | 15 | 30 | 3557.52 | CP | QPSK   | Inner_Full     | 15.26 | 11.54 | 16.80 |
| n48 | 15 | 30 | 3557.52 | CP | QPSK   | Edge_1RB_Left  | 13.68 | 9.95  | 15.21 |
| n48 | 15 | 30 | 3557.52 | CP | QPSK   | Edge_1RB_Right | 13.88 | 10.03 | 15.38 |
| n48 | 15 | 30 | 3557.52 | CP | QPSK   | Outer_Full     | 13.81 | 10.01 | 15.33 |
| n48 | 15 | 30 | 3557.52 | CP | 16QAM  | Inner_Full     | 14.84 | 10.98 | 16.34 |
| n48 | 15 | 30 | 3557.52 | CP | 16QAM  | Edge_1RB_Left  | 13.49 | 10.25 | 15.17 |
| n48 | 15 | 30 | 3557.52 | CP | 16QAM  | Edge_1RB_Right | 13.70 | 10.23 | 15.31 |
| n48 | 15 | 30 | 3557.52 | CP | 16QAM  | Outer_Full     | 13.88 | 9.96  | 15.36 |
| n48 | 15 | 30 | 3557.52 | CP | 64QAM  | Inner_Full     | 13.21 | 9.52  | 14.75 |
| n48 | 15 | 30 | 3557.52 | CP | 64QAM  | Edge_1RB_Left  | 13.04 | 9.43  | 14.61 |
| n48 | 15 | 30 | 3557.52 | CP | 64QAM  | Edge_1RB_Right | 13.25 | 9.56  | 14.80 |
| n48 | 15 | 30 | 3557.52 | CP | 64QAM  | Outer_Full     | 13.34 | 9.56  | 14.86 |
| n48 | 15 | 30 | 3557.52 | CP | 256QAM | Inner_Full     | 10.07 | 6.59  | 11.68 |
| n48 | 15 | 30 | 3557.52 | CP | 256QAM | Edge_1RB_Left  | 9.86  | 6.12  | 11.39 |
| n48 | 15 | 30 | 3557.52 | CP | 256QAM | Edge_1RB_Right | 9.96  | 6.39  | 11.54 |
| n48 | 15 | 30 | 3557.52 | CP | 256QAM | Outer_Full     | 10.22 | 6.53  | 11.77 |
| n48 | 15 | 30 | 3624.99 | CP | QPSK   | Inner_Full     | 16.25 | 11.91 | 17.61 |
| n48 | 15 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Left  | 14.60 | 10.47 | 16.02 |
| n48 | 15 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Right | 14.58 | 10.30 | 15.96 |
| n48 | 15 | 30 | 3624.99 | CP | QPSK   | Outer_Full     | 14.77 | 10.41 | 16.13 |
| n48 | 15 | 30 | 3624.99 | CP | 16QAM  | Inner_Full     | 15.83 | 11.38 | 17.16 |
| n48 | 15 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Left  | 14.68 | 10.37 | 16.04 |
| n48 | 15 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Right | 14.68 | 10.28 | 16.03 |
| n48 | 15 | 30 | 3624.99 | CP | 16QAM  | Outer_Full     | 14.81 | 10.39 | 16.15 |

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|     |    |    |         |    |        |                |       |       |       |
|-----|----|----|---------|----|--------|----------------|-------|-------|-------|
| n48 | 15 | 30 | 3624.99 | CP | 64QAM  | Inner_Full     | 14.27 | 9.93  | 15.63 |
| n48 | 15 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Left  | 14.14 | 10.00 | 15.55 |
| n48 | 15 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Right | 14.11 | 9.91  | 15.51 |
| n48 | 15 | 30 | 3624.99 | CP | 64QAM  | Outer_Full     | 14.33 | 9.97  | 15.68 |
| n48 | 15 | 30 | 3624.99 | CP | 256QAM | Inner_Full     | 11.01 | 6.90  | 12.43 |
| n48 | 15 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Left  | 10.83 | 6.71  | 12.25 |
| n48 | 15 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Right | 10.80 | 6.61  | 12.20 |
| n48 | 15 | 30 | 3624.99 | CP | 256QAM | Outer_Full     | 11.17 | 6.99  | 12.57 |
| n48 | 15 | 30 | 3692.49 | CP | QPSK   | Inner_Full     | 15.82 | 11.80 | 17.27 |
| n48 | 15 | 30 | 3692.49 | CP | QPSK   | Edge_1RB_Left  | 14.44 | 10.24 | 15.84 |
| n48 | 15 | 30 | 3692.49 | CP | QPSK   | Edge_1RB_Right | 14.27 | 10.13 | 15.68 |
| n48 | 15 | 30 | 3692.49 | CP | QPSK   | Outer_Full     | 14.37 | 10.33 | 15.82 |
| n48 | 15 | 30 | 3692.49 | CP | 16QAM  | Inner_Full     | 15.43 | 11.31 | 16.85 |
| n48 | 15 | 30 | 3692.49 | CP | 16QAM  | Edge_1RB_Left  | 14.27 | 10.24 | 15.72 |
| n48 | 15 | 30 | 3692.49 | CP | 16QAM  | Edge_1RB_Right | 14.24 | 10.19 | 15.68 |
| n48 | 15 | 30 | 3692.49 | CP | 16QAM  | Outer_Full     | 14.49 | 10.36 | 15.91 |
| n48 | 15 | 30 | 3692.49 | CP | 64QAM  | Inner_Full     | 13.86 | 9.87  | 15.31 |
| n48 | 15 | 30 | 3692.49 | CP | 64QAM  | Edge_1RB_Left  | 13.72 | 9.81  | 15.20 |
| n48 | 15 | 30 | 3692.49 | CP | 64QAM  | Edge_1RB_Right | 13.73 | 9.73  | 15.18 |
| n48 | 15 | 30 | 3692.49 | CP | 64QAM  | Outer_Full     | 13.89 | 9.89  | 15.34 |
| n48 | 15 | 30 | 3692.49 | CP | 256QAM | Inner_Full     | 10.71 | 6.82  | 12.20 |
| n48 | 15 | 30 | 3692.49 | CP | 256QAM | Edge_1RB_Left  | 10.65 | 6.56  | 12.08 |
| n48 | 15 | 30 | 3692.49 | CP | 256QAM | Edge_1RB_Right | 10.59 | 6.48  | 12.02 |
| n48 | 15 | 30 | 3692.49 | CP | 256QAM | Outer_Full     | 10.82 | 6.89  | 12.29 |
| n48 | 20 | 30 | 3560.01 | CP | QPSK   | Inner_Full     | 15.34 | 11.62 | 16.88 |
| n48 | 20 | 30 | 3560.01 | CP | QPSK   | Edge_1RB_Left  | 13.78 | 9.89  | 15.27 |
| n48 | 20 | 30 | 3560.01 | CP | QPSK   | Edge_1RB_Right | 13.90 | 10.05 | 15.40 |
| n48 | 20 | 30 | 3560.01 | CP | QPSK   | Outer_Full     | 13.84 | 10.10 | 15.37 |
| n48 | 20 | 30 | 3560.01 | CP | 16QAM  | Inner_Full     | 14.82 | 11.08 | 16.35 |
| n48 | 20 | 30 | 3560.01 | CP | 16QAM  | Edge_1RB_Left  | 13.79 | 10.04 | 15.32 |
| n48 | 20 | 30 | 3560.01 | CP | 16QAM  | Edge_1RB_Right | 13.96 | 10.19 | 15.48 |

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|     |    |    |         |    |        |                |       |       |       |
|-----|----|----|---------|----|--------|----------------|-------|-------|-------|
|     |    |    |         |    |        | t              |       |       |       |
| n48 | 20 | 30 | 3560.01 | CP | 16QAM  | Outer_Full     | 13.87 | 10.11 | 15.40 |
| n48 | 20 | 30 | 3560.01 | CP | 64QAM  | Inner_Full     | 13.41 | 9.58  | 14.92 |
| n48 | 20 | 30 | 3560.01 | CP | 64QAM  | Edge_1RB_Left  | 13.21 | 9.35  | 14.71 |
| n48 | 20 | 30 | 3560.01 | CP | 64QAM  | Edge_1RB_Right | 13.26 | 9.68  | 14.84 |
|     |    |    |         |    |        | t              |       |       |       |
| n48 | 20 | 30 | 3560.01 | CP | 64QAM  | Outer_Full     | 13.36 | 9.49  | 14.85 |
| n48 | 20 | 30 | 3560.01 | CP | 256QAM | Inner_Full     | 10.21 | 6.57  | 11.77 |
| n48 | 20 | 30 | 3560.01 | CP | 256QAM | Edge_1RB_Left  | 9.80  | 6.10  | 11.34 |
| n48 | 20 | 30 | 3560.01 | CP | 256QAM | Edge_1RB_Right | 10.04 | 6.36  | 11.59 |
|     |    |    |         |    |        | t              |       |       |       |
| n48 | 20 | 30 | 3560.01 | CP | 256QAM | Outer_Full     | 10.25 | 6.61  | 11.81 |
| n48 | 20 | 30 | 3624.99 | CP | QPSK   | Inner_Full     | 16.21 | 12.02 | 17.61 |
| n48 | 20 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Left  | 14.74 | 10.36 | 16.09 |
| n48 | 20 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Right | 14.69 | 10.38 | 16.06 |
|     |    |    |         |    |        | t              |       |       |       |
| n48 | 20 | 30 | 3624.99 | CP | QPSK   | Outer_Full     | 14.70 | 10.42 | 16.08 |
| n48 | 20 | 30 | 3624.99 | CP | 16QAM  | Inner_Full     | 15.75 | 11.44 | 17.12 |
| n48 | 20 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Left  | 14.64 | 10.52 | 16.06 |
| n48 | 20 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Right | 14.56 | 10.35 | 15.95 |
|     |    |    |         |    |        | t              |       |       |       |
| n48 | 20 | 30 | 3624.99 | CP | 16QAM  | Outer_Full     | 14.79 | 10.42 | 16.14 |
| n48 | 20 | 30 | 3624.99 | CP | 64QAM  | Inner_Full     | 14.28 | 9.99  | 15.66 |
| n48 | 20 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Left  | 14.09 | 9.93  | 15.50 |
| n48 | 20 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Right | 14.02 | 9.86  | 15.43 |
|     |    |    |         |    |        | t              |       |       |       |
| n48 | 20 | 30 | 3624.99 | CP | 64QAM  | Outer_Full     | 14.26 | 9.92  | 15.62 |
| n48 | 20 | 30 | 3624.99 | CP | 256QAM | Inner_Full     | 11.16 | 6.94  | 12.55 |
| n48 | 20 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Left  | 10.77 | 6.67  | 12.20 |
| n48 | 20 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Right | 10.76 | 6.66  | 12.18 |
|     |    |    |         |    |        | t              |       |       |       |
| n48 | 20 | 30 | 3624.99 | CP | 256QAM | Outer_Full     | 11.20 | 6.91  | 12.58 |
| n48 | 20 | 30 | 3690    | CP | QPSK   | Inner_Full     | 15.86 | 11.90 | 17.32 |
| n48 | 20 | 30 | 3690    | CP | QPSK   | Edge_1RB_Left  | 14.43 | 10.29 | 15.85 |
| n48 | 20 | 30 | 3690    | CP | QPSK   | Edge_1RB_Right | 14.37 | 10.26 | 15.79 |
|     |    |    |         |    |        | t              |       |       |       |
| n48 | 20 | 30 | 3690    | CP | QPSK   | Outer_Full     | 14.32 | 10.37 | 15.79 |
| n48 | 20 | 30 | 3690    | CP | 16QAM  | Inner_Full     | 15.34 | 11.34 | 16.79 |

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# Report No.: I23W00005-NR-RF-Rev1

|     |    |    |         |    |        |                |       |       |       |
|-----|----|----|---------|----|--------|----------------|-------|-------|-------|
| n48 | 20 | 30 | 3690    | CP | 16QAM  | Edge_1RB_Left  | 14.31 | 10.31 | 15.76 |
| n48 | 20 | 30 | 3690    | CP | 16QAM  | Edge_1RB_Right | 14.20 | 10.21 | 15.66 |
| n48 | 20 | 30 | 3690    | CP | 16QAM  | Outer_Full     | 14.38 | 10.38 | 15.84 |
| n48 | 20 | 30 | 3690    | CP | 64QAM  | Inner_Full     | 13.91 | 9.91  | 15.37 |
| n48 | 20 | 30 | 3690    | CP | 64QAM  | Edge_1RB_Left  | 13.75 | 9.86  | 15.24 |
| n48 | 20 | 30 | 3690    | CP | 64QAM  | Edge_1RB_Right | 13.66 | 9.75  | 15.14 |
| n48 | 20 | 30 | 3690    | CP | 64QAM  | Outer_Full     | 13.90 | 9.83  | 15.33 |
| n48 | 20 | 30 | 3690    | CP | 256QAM | Inner_Full     | 10.86 | 6.82  | 12.30 |
| n48 | 20 | 30 | 3690    | CP | 256QAM | Edge_1RB_Left  | 10.70 | 6.40  | 12.07 |
| n48 | 20 | 30 | 3690    | CP | 256QAM | Edge_1RB_Right | 10.54 | 6.56  | 12.00 |
| n48 | 20 | 30 | 3690    | CP | 256QAM | Outer_Full     | 10.75 | 6.86  | 12.23 |
| n48 | 40 | 30 | 3570    | CP | QPSK   | Inner_Full     | 15.38 | 11.66 | 16.92 |
| n48 | 40 | 30 | 3570    | CP | QPSK   | Edge_1RB_Left  | 13.80 | 10.04 | 15.32 |
| n48 | 40 | 30 | 3570    | CP | QPSK   | Edge_1RB_Right | 14.45 | 10.39 | 15.88 |
| n48 | 40 | 30 | 3570    | CP | QPSK   | Outer_Full     | 13.84 | 10.08 | 15.36 |
| n48 | 40 | 30 | 3570    | CP | 16QAM  | Inner_Full     | 14.94 | 11.10 | 16.44 |
| n48 | 40 | 30 | 3570    | CP | 16QAM  | Edge_1RB_Left  | 13.83 | 10.07 | 15.36 |
| n48 | 40 | 30 | 3570    | CP | 16QAM  | Edge_1RB_Right | 14.50 | 10.43 | 15.93 |
| n48 | 40 | 30 | 3570    | CP | 16QAM  | Outer_Full     | 13.91 | 10.17 | 15.44 |
| n48 | 40 | 30 | 3570    | CP | 64QAM  | Inner_Full     | 13.37 | 9.64  | 14.90 |
| n48 | 40 | 30 | 3570    | CP | 64QAM  | Edge_1RB_Left  | 13.17 | 9.45  | 14.71 |
| n48 | 40 | 30 | 3570    | CP | 64QAM  | Edge_1RB_Right | 13.89 | 9.87  | 15.34 |
| n48 | 40 | 30 | 3570    | CP | 64QAM  | Outer_Full     | 13.42 | 9.70  | 14.96 |
| n48 | 40 | 30 | 3570    | CP | 256QAM | Inner_Full     | 10.36 | 6.64  | 11.90 |
| n48 | 40 | 30 | 3570    | CP | 256QAM | Edge_1RB_Left  | 9.93  | 6.40  | 11.52 |
| n48 | 40 | 30 | 3570    | CP | 256QAM | Edge_1RB_Right | 10.57 | 6.80  | 12.09 |
| n48 | 40 | 30 | 3570    | CP | 256QAM | Outer_Full     | 10.37 | 6.69  | 11.92 |
| n48 | 40 | 30 | 3624.99 | CP | QPSK   | Inner_Full     | 16.22 | 12.05 | 17.62 |
| n48 | 40 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Left  | 14.72 | 10.45 | 16.10 |
| n48 | 40 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Right | 14.88 | 10.46 | 16.22 |

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# Report No.: I23W00005-NR-RF-Rev1

|     |    |    |         |    |        |                |       |       |       |
|-----|----|----|---------|----|--------|----------------|-------|-------|-------|
| n48 | 40 | 30 | 3624.99 | CP | QPSK   | Outer_Full     | 14.72 | 10.43 | 16.09 |
| n48 | 40 | 30 | 3624.99 | CP | 16QAM  | Inner_Full     | 15.77 | 11.37 | 17.12 |
| n48 | 40 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Left  | 14.87 | 10.47 | 16.22 |
| n48 | 40 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Right | 14.93 | 10.49 | 16.27 |
| n48 | 40 | 30 | 3624.99 | CP | 16QAM  | Outer_Full     | 14.69 | 10.43 | 16.08 |
| n48 | 40 | 30 | 3624.99 | CP | 64QAM  | Inner_Full     | 14.26 | 9.91  | 15.62 |
| n48 | 40 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Left  | 14.23 | 9.95  | 15.61 |
| n48 | 40 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Right | 14.35 | 9.96  | 15.70 |
| n48 | 40 | 30 | 3624.99 | CP | 64QAM  | Outer_Full     | 14.21 | 9.86  | 15.57 |
| n48 | 40 | 30 | 3624.99 | CP | 256QAM | Inner_Full     | 11.10 | 6.99  | 12.52 |
| n48 | 40 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Left  | 10.90 | 6.91  | 12.36 |
| n48 | 40 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Right | 11.08 | 6.78  | 12.45 |
| n48 | 40 | 30 | 3624.99 | CP | 256QAM | Outer_Full     | 11.09 | 6.91  | 12.50 |
| n48 | 40 | 30 | 3679.98 | CP | QPSK   | Inner_Full     | 15.97 | 11.89 | 17.40 |
| n48 | 40 | 30 | 3679.98 | CP | QPSK   | Edge_1RB_Left  | 14.81 | 10.47 | 16.17 |
| n48 | 40 | 30 | 3679.98 | CP | QPSK   | Edge_1RB_Right | 14.63 | 10.45 | 16.03 |
| n48 | 40 | 30 | 3679.98 | CP | QPSK   | Outer_Full     | 14.51 | 10.41 | 15.93 |
| n48 | 40 | 30 | 3679.98 | CP | 16QAM  | Inner_Full     | 15.53 | 11.38 | 16.94 |
| n48 | 40 | 30 | 3679.98 | CP | 16QAM  | Edge_1RB_Left  | 14.82 | 10.11 | 16.09 |
| n48 | 40 | 30 | 3679.98 | CP | 16QAM  | Edge_1RB_Right | 14.67 | 10.17 | 15.99 |
| n48 | 40 | 30 | 3679.98 | CP | 16QAM  | Outer_Full     | 14.55 | 10.43 | 15.97 |
| n48 | 40 | 30 | 3679.98 | CP | 64QAM  | Inner_Full     | 14.05 | 9.84  | 15.45 |
| n48 | 40 | 30 | 3679.98 | CP | 64QAM  | Edge_1RB_Left  | 14.25 | 9.97  | 15.63 |
| n48 | 40 | 30 | 3679.98 | CP | 64QAM  | Edge_1RB_Right | 14.14 | 10.08 | 15.58 |
| n48 | 40 | 30 | 3679.98 | CP | 64QAM  | Outer_Full     | 14.04 | 9.88  | 15.45 |
| n48 | 40 | 30 | 3679.98 | CP | 256QAM | Inner_Full     | 10.97 | 6.82  | 12.38 |
| n48 | 40 | 30 | 3679.98 | CP | 256QAM | Edge_1RB_Left  | 11.00 | 6.68  | 12.36 |
| n48 | 40 | 30 | 3679.98 | CP | 256QAM | Edge_1RB_Right | 10.78 | 6.79  | 12.24 |
| n48 | 40 | 30 | 3679.98 | CP | 256QAM | Outer_Full     | 10.99 | 6.91  | 12.42 |

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### 6.3. ERP and EIRP

#### Limit Level Construction:

This is the test for the maximum radiated power from the EUT.

**According to Part 96.41(b):** End User Device is limited to 23 dBm Maximum EIRP (dBm/10 megahertz)

**Conducted RF Power+Antenna Gain(dBi)=EIRP**

**Conducted RF Power+Antenna Gain(dBd)=ERP**

**Antenna Gain(dBd)= Antenna Gain(dBi)-2.15**

| Frequency Band | AntennaGain(dBi) |
|----------------|------------------|
| NR N48         | 2.38             |

### 6.3.1 LTE Band 48 result

#### NR N48

#### EIRP Limits 23dBm/10 megahertz

| BAND | BW(MHz) | SCS(kHz) | FREQ(MHz) | OFDM | MODULATION | RB LOCATION    | POWER(dBm) | EIRP(dBm/10<br>megahertz)<br>Max EIRP:22.57 |
|------|---------|----------|-----------|------|------------|----------------|------------|---------------------------------------------|
| n48  | 10      | 30       | 3555      | DFT  | pi/2 BPSK  | Inner_Full     | 19.61      | 21.99                                       |
| n48  | 10      | 30       | 3555      | DFT  | pi/2 BPSK  | Edge_1RB_Left  | 19.12      | 21.50                                       |
| n48  | 10      | 30       | 3555      | DFT  | pi/2 BPSK  | Edge_1RB_Right | 19.12      | 21.50                                       |
| n48  | 10      | 30       | 3555      | DFT  | pi/2 BPSK  | Outer_Full     | 19.14      | 21.52                                       |
| n48  | 10      | 30       | 3555      | DFT  | QPSK       | Inner_Full     | 19.60      | 21.98                                       |
| n48  | 10      | 30       | 3555      | DFT  | QPSK       | Edge_1RB_Left  | 18.72      | 21.10                                       |
| n48  | 10      | 30       | 3555      | DFT  | QPSK       | Edge_1RB_Right | 18.72      | 21.10                                       |
| n48  | 10      | 30       | 3555      | DFT  | QPSK       | Outer_Full     | 18.65      | 21.03                                       |
| n48  | 10      | 30       | 3555      | DFT  | 16QAM      | Inner_Full     | 18.58      | 20.96                                       |
| n48  | 10      | 30       | 3555      | DFT  | 16QAM      | Edge_1RB_Left  | 17.79      | 20.17                                       |
| n48  | 10      | 30       | 3555      | DFT  | 16QAM      | Edge_1RB_Right | 17.73      | 20.11                                       |
| n48  | 10      | 30       | 3555      | DFT  | 16QAM      | Outer_Full     | 17.58      | 19.96                                       |
| n48  | 10      | 30       | 3555      | DFT  | 64QAM      | Inner_Full     | 17.06      | 19.44                                       |
| n48  | 10      | 30       | 3555      | DFT  | 64QAM      | Edge_1RB_Left  | 17.07      | 19.45                                       |
| n48  | 10      | 30       | 3555      | DFT  | 64QAM      | Edge_1RB_Right | 17.17      | 19.55                                       |
| n48  | 10      | 30       | 3555      | DFT  | 64QAM      | Outer_Full     | 17.22      | 19.60                                       |
| n48  | 10      | 30       | 3555      | DFT  | 256QAM     | Inner_Full     | 15.07      | 17.45                                       |
| n48  | 10      | 30       | 3555      | DFT  | 256QAM     | Edge_1RB_Left  | 15.05      | 17.43                                       |
| n48  | 10      | 30       | 3555      | DFT  | 256QAM     | Edge_1RB_Right | 15.06      | 17.44                                       |
| n48  | 10      | 30       | 3555      | DFT  | 256QAM     | Outer_Full     | 15.13      | 17.51                                       |
| n48  | 10      | 30       | 3555      | CP   | QPSK       | Inner_Full     | 18.12      | 20.50                                       |
| n48  | 10      | 30       | 3555      | CP   | QPSK       | Edge_1RB_Left  | 16.57      | 18.95                                       |
| n48  | 10      | 30       | 3555      | CP   | QPSK       | Edge_1RB_Right | 16.64      | 19.02                                       |
| n48  | 10      | 30       | 3555      | CP   | QPSK       | Outer_Full     | 16.66      | 19.04                                       |
| n48  | 10      | 30       | 3555      | CP   | 16QAM      | Inner_Full     | 17.60      | 19.98                                       |
| n48  | 10      | 30       | 3555      | CP   | 16QAM      | Edge_1RB_Left  | 16.65      | 19.03                                       |
| n48  | 10      | 30       | 3555      | CP   | 16QAM      | Edge_1RB_Right | 16.76      | 19.14                                       |
| n48  | 10      | 30       | 3555      | CP   | 16QAM      | Outer_Full     | 16.66      | 19.04                                       |
| n48  | 10      | 30       | 3555      | CP   | 64QAM      | Inner_Full     | 16.16      | 18.54                                       |
| n48  | 10      | 30       | 3555      | CP   | 64QAM      | Edge_1RB_Left  | 15.86      | 18.24                                       |
| n48  | 10      | 30       | 3555      | CP   | 64QAM      | Edge_1RB_Right | 15.98      | 18.36                                       |
| n48  | 10      | 30       | 3555      | CP   | 64QAM      | Outer_Full     | 16.10      | 18.48                                       |

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|     |    |    |         |     |           |                |       |       |
|-----|----|----|---------|-----|-----------|----------------|-------|-------|
| n48 | 10 | 30 | 3555    | CP  | 256QAM    | Inner_Full     | 13.06 | 15.44 |
| n48 | 10 | 30 | 3555    | CP  | 256QAM    | Edge_1RB_Left  | 12.91 | 15.29 |
| n48 | 10 | 30 | 3555    | CP  | 256QAM    | Edge_1RB_Right | 12.94 | 15.32 |
| n48 | 10 | 30 | 3555    | CP  | 256QAM    | Outer_Full     | 13.19 | 15.57 |
| n48 | 10 | 30 | 3624.99 | DFT | pi/2 BPSK | Inner_Full     | 19.94 | 22.32 |
| n48 | 10 | 30 | 3624.99 | DFT | pi/2 BPSK | Edge_1RB_Left  | 19.50 | 21.88 |
| n48 | 10 | 30 | 3624.99 | DFT | pi/2 BPSK | Edge_1RB_Right | 19.46 | 21.84 |
| n48 | 10 | 30 | 3624.99 | DFT | pi/2 BPSK | Outer_Full     | 19.49 | 21.87 |
| n48 | 10 | 30 | 3624.99 | DFT | QPSK      | Inner_Full     | 19.95 | 22.33 |
| n48 | 10 | 30 | 3624.99 | DFT | QPSK      | Edge_1RB_Left  | 19.06 | 21.44 |
| n48 | 10 | 30 | 3624.99 | DFT | QPSK      | Edge_1RB_Right | 18.92 | 21.30 |
| n48 | 10 | 30 | 3624.99 | DFT | QPSK      | Outer_Full     | 19.01 | 21.39 |
| n48 | 10 | 30 | 3624.99 | DFT | 16QAM     | Inner_Full     | 18.99 | 21.37 |
| n48 | 10 | 30 | 3624.99 | DFT | 16QAM     | Edge_1RB_Left  | 18.11 | 20.49 |
| n48 | 10 | 30 | 3624.99 | DFT | 16QAM     | Edge_1RB_Right | 18.00 | 20.38 |
| n48 | 10 | 30 | 3624.99 | DFT | 16QAM     | Outer_Full     | 17.93 | 20.31 |
| n48 | 10 | 30 | 3624.99 | DFT | 64QAM     | Inner_Full     | 17.39 | 19.77 |
| n48 | 10 | 30 | 3624.99 | DFT | 64QAM     | Edge_1RB_Left  | 17.50 | 19.88 |
| n48 | 10 | 30 | 3624.99 | DFT | 64QAM     | Edge_1RB_Right | 17.47 | 19.85 |
| n48 | 10 | 30 | 3624.99 | DFT | 64QAM     | Outer_Full     | 17.54 | 19.92 |
| n48 | 10 | 30 | 3624.99 | DFT | 256QAM    | Inner_Full     | 15.43 | 17.81 |
| n48 | 10 | 30 | 3624.99 | DFT | 256QAM    | Edge_1RB_Left  | 15.44 | 17.82 |
| n48 | 10 | 30 | 3624.99 | DFT | 256QAM    | Edge_1RB_Right | 15.31 | 17.69 |
| n48 | 10 | 30 | 3624.99 | DFT | 256QAM    | Outer_Full     | 15.47 | 17.85 |
| n48 | 10 | 30 | 3624.99 | CP  | QPSK      | Inner_Full     | 18.45 | 20.83 |
| n48 | 10 | 30 | 3624.99 | CP  | QPSK      | Edge_1RB_Left  | 16.98 | 19.36 |
| n48 | 10 | 30 | 3624.99 | CP  | QPSK      | Edge_1RB_Right | 16.90 | 19.28 |
| n48 | 10 | 30 | 3624.99 | CP  | QPSK      | Outer_Full     | 16.93 | 19.31 |
| n48 | 10 | 30 | 3624.99 | CP  | 16QAM     | Inner_Full     | 17.92 | 20.30 |
| n48 | 10 | 30 | 3624.99 | CP  | 16QAM     | Edge_1RB_Left  | 17.13 | 19.51 |
| n48 | 10 | 30 | 3624.99 | CP  | 16QAM     | Edge_1RB_Right | 17.10 | 19.48 |
| n48 | 10 | 30 | 3624.99 | CP  | 16QAM     | Outer_Full     | 16.97 | 19.35 |
| n48 | 10 | 30 | 3624.99 | CP  | 64QAM     | Inner_Full     | 16.48 | 18.86 |
| n48 | 10 | 30 | 3624.99 | CP  | 64QAM     | Edge_1RB_Left  | 16.27 | 18.65 |
| n48 | 10 | 30 | 3624.99 | CP  | 64QAM     | Edge_1RB_Right | 16.26 | 18.64 |
| n48 | 10 | 30 | 3624.99 | CP  | 64QAM     | Outer_Full     | 16.39 | 18.77 |
| n48 | 10 | 30 | 3624.99 | CP  | 256QAM    | Inner_Full     | 13.40 | 15.78 |
| n48 | 10 | 30 | 3624.99 | CP  | 256QAM    | Edge_1RB_Left  | 13.29 | 15.67 |

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|     |    |    |         |     |           |                |       |       |
|-----|----|----|---------|-----|-----------|----------------|-------|-------|
| n48 | 10 | 30 | 3624.99 | CP  | 256QAM    | Edge_1RB_Right | 13.19 | 15.57 |
| n48 | 10 | 30 | 3624.99 | CP  | 256QAM    | Outer_Full     | 13.44 | 15.82 |
| n48 | 10 | 30 | 3694.98 | DFT | pi/2 BPSK | Inner_Full     | 19.96 | 22.34 |
| n48 | 10 | 30 | 3694.98 | DFT | pi/2 BPSK | Edge_1RB_Left  | 19.54 | 21.92 |
| n48 | 10 | 30 | 3694.98 | DFT | pi/2 BPSK | Edge_1RB_Right | 19.43 | 21.81 |
| n48 | 10 | 30 | 3694.98 | DFT | pi/2 BPSK | Outer_Full     | 19.51 | 21.89 |
| n48 | 10 | 30 | 3694.98 | DFT | QPSK      | Inner_Full     | 19.98 | 22.36 |
| n48 | 10 | 30 | 3694.98 | DFT | QPSK      | Edge_1RB_Left  | 19.17 | 21.55 |
| n48 | 10 | 30 | 3694.98 | DFT | QPSK      | Edge_1RB_Right | 19.05 | 21.43 |
| n48 | 10 | 30 | 3694.98 | DFT | QPSK      | Outer_Full     | 19.02 | 21.40 |
| n48 | 10 | 30 | 3694.98 | DFT | 16QAM     | Inner_Full     | 18.92 | 21.30 |
| n48 | 10 | 30 | 3694.98 | DFT | 16QAM     | Edge_1RB_Left  | 18.13 | 20.51 |
| n48 | 10 | 30 | 3694.98 | DFT | 16QAM     | Edge_1RB_Right | 18.09 | 20.47 |
| n48 | 10 | 30 | 3694.98 | DFT | 16QAM     | Outer_Full     | 17.95 | 20.33 |
| n48 | 10 | 30 | 3694.98 | DFT | 64QAM     | Inner_Full     | 17.41 | 19.79 |
| n48 | 10 | 30 | 3694.98 | DFT | 64QAM     | Edge_1RB_Left  | 17.58 | 19.96 |
| n48 | 10 | 30 | 3694.98 | DFT | 64QAM     | Edge_1RB_Right | 17.48 | 19.86 |
| n48 | 10 | 30 | 3694.98 | DFT | 64QAM     | Outer_Full     | 17.58 | 19.96 |
| n48 | 10 | 30 | 3694.98 | DFT | 256QAM    | Inner_Full     | 15.36 | 17.74 |
| n48 | 10 | 30 | 3694.98 | DFT | 256QAM    | Edge_1RB_Left  | 15.50 | 17.88 |
| n48 | 10 | 30 | 3694.98 | DFT | 256QAM    | Edge_1RB_Right | 15.37 | 17.75 |
| n48 | 10 | 30 | 3694.98 | DFT | 256QAM    | Outer_Full     | 15.55 | 17.93 |
| n48 | 10 | 30 | 3694.98 | CP  | QPSK      | Inner_Full     | 18.42 | 20.80 |
| n48 | 10 | 30 | 3694.98 | CP  | QPSK      | Edge_1RB_Left  | 17.00 | 19.38 |
| n48 | 10 | 30 | 3694.98 | CP  | QPSK      | Edge_1RB_Right | 16.95 | 19.33 |
| n48 | 10 | 30 | 3694.98 | CP  | QPSK      | Outer_Full     | 16.96 | 19.34 |
| n48 | 10 | 30 | 3694.98 | CP  | 16QAM     | Inner_Full     | 17.99 | 20.37 |
| n48 | 10 | 30 | 3694.98 | CP  | 16QAM     | Edge_1RB_Left  | 17.07 | 19.45 |
| n48 | 10 | 30 | 3694.98 | CP  | 16QAM     | Edge_1RB_Right | 17.02 | 19.40 |
| n48 | 10 | 30 | 3694.98 | CP  | 16QAM     | Outer_Full     | 16.95 | 19.33 |
| n48 | 10 | 30 | 3694.98 | CP  | 64QAM     | Inner_Full     | 16.49 | 18.87 |
| n48 | 10 | 30 | 3694.98 | CP  | 64QAM     | Edge_1RB_Left  | 16.27 | 18.65 |
| n48 | 10 | 30 | 3694.98 | CP  | 64QAM     | Edge_1RB_Right | 16.24 | 18.62 |
| n48 | 10 | 30 | 3694.98 | CP  | 64QAM     | Outer_Full     | 16.40 | 18.78 |
| n48 | 10 | 30 | 3694.98 | CP  | 256QAM    | Inner_Full     | 13.48 | 15.86 |
| n48 | 10 | 30 | 3694.98 | CP  | 256QAM    | Edge_1RB_Left  | 13.36 | 15.74 |
| n48 | 10 | 30 | 3694.98 | CP  | 256QAM    | Edge_1RB_Right | 13.27 | 15.65 |
| n48 | 10 | 30 | 3694.98 | CP  | 256QAM    | Outer_Full     | 13.51 | 15.89 |

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|     |    |    |         |     |           |                |       |       |
|-----|----|----|---------|-----|-----------|----------------|-------|-------|
| n48 | 15 | 30 | 3557.52 | DFT | pi/2 BPSK | Inner_Full     | 19.80 | 22.18 |
| n48 | 15 | 30 | 3557.52 | DFT | pi/2 BPSK | Edge_1RB_Left  | 19.21 | 21.59 |
| n48 | 15 | 30 | 3557.52 | DFT | pi/2 BPSK | Edge_1RB_Right | 19.21 | 21.59 |
| n48 | 15 | 30 | 3557.52 | DFT | pi/2 BPSK | Outer_Full     | 19.29 | 21.67 |
| n48 | 15 | 30 | 3557.52 | DFT | QPSK      | Inner_Full     | 19.70 | 22.08 |
| n48 | 15 | 30 | 3557.52 | DFT | QPSK      | Edge_1RB_Left  | 18.64 | 21.02 |
| n48 | 15 | 30 | 3557.52 | DFT | QPSK      | Edge_1RB_Right | 18.69 | 21.07 |
| n48 | 15 | 30 | 3557.52 | DFT | QPSK      | Outer_Full     | 18.82 | 21.20 |
| n48 | 15 | 30 | 3557.52 | DFT | 16QAM     | Inner_Full     | 18.72 | 21.10 |
| n48 | 15 | 30 | 3557.52 | DFT | 16QAM     | Edge_1RB_Left  | 17.73 | 20.11 |
| n48 | 15 | 30 | 3557.52 | DFT | 16QAM     | Edge_1RB_Right | 17.82 | 20.20 |
| n48 | 15 | 30 | 3557.52 | DFT | 16QAM     | Outer_Full     | 17.76 | 20.14 |
| n48 | 15 | 30 | 3557.52 | DFT | 64QAM     | Inner_Full     | 17.14 | 19.52 |
| n48 | 15 | 30 | 3557.52 | DFT | 64QAM     | Edge_1RB_Left  | 17.19 | 19.57 |
| n48 | 15 | 30 | 3557.52 | DFT | 64QAM     | Edge_1RB_Right | 17.23 | 19.61 |
| n48 | 15 | 30 | 3557.52 | DFT | 64QAM     | Outer_Full     | 17.21 | 19.59 |
| n48 | 15 | 30 | 3557.52 | DFT | 256QAM    | Inner_Full     | 15.15 | 17.53 |
| n48 | 15 | 30 | 3557.52 | DFT | 256QAM    | Edge_1RB_Left  | 14.99 | 17.37 |
| n48 | 15 | 30 | 3557.52 | DFT | 256QAM    | Edge_1RB_Right | 15.16 | 17.54 |
| n48 | 15 | 30 | 3557.52 | DFT | 256QAM    | Outer_Full     | 15.16 | 17.54 |
| n48 | 15 | 30 | 3557.52 | CP  | QPSK      | Inner_Full     | 18.17 | 20.55 |
| n48 | 15 | 30 | 3557.52 | CP  | QPSK      | Edge_1RB_Left  | 16.73 | 19.11 |
| n48 | 15 | 30 | 3557.52 | CP  | QPSK      | Edge_1RB_Right | 16.79 | 19.17 |
| n48 | 15 | 30 | 3557.52 | CP  | QPSK      | Outer_Full     | 16.70 | 19.08 |
| n48 | 15 | 30 | 3557.52 | CP  | 16QAM     | Inner_Full     | 17.80 | 20.18 |
| n48 | 15 | 30 | 3557.52 | CP  | 16QAM     | Edge_1RB_Left  | 16.63 | 19.01 |
| n48 | 15 | 30 | 3557.52 | CP  | 16QAM     | Edge_1RB_Right | 16.78 | 19.16 |
| n48 | 15 | 30 | 3557.52 | CP  | 16QAM     | Outer_Full     | 16.75 | 19.13 |
| n48 | 15 | 30 | 3557.52 | CP  | 64QAM     | Inner_Full     | 16.20 | 18.58 |
| n48 | 15 | 30 | 3557.52 | CP  | 64QAM     | Edge_1RB_Left  | 15.76 | 18.14 |
| n48 | 15 | 30 | 3557.52 | CP  | 64QAM     | Edge_1RB_Right | 15.94 | 18.32 |
| n48 | 15 | 30 | 3557.52 | CP  | 64QAM     | Outer_Full     | 16.23 | 18.61 |
| n48 | 15 | 30 | 3557.52 | CP  | 256QAM    | Inner_Full     | 13.14 | 15.52 |
| n48 | 15 | 30 | 3557.52 | CP  | 256QAM    | Edge_1RB_Left  | 12.91 | 15.29 |
| n48 | 15 | 30 | 3557.52 | CP  | 256QAM    | Edge_1RB_Right | 13.07 | 15.45 |
| n48 | 15 | 30 | 3557.52 | CP  | 256QAM    | Outer_Full     | 13.38 | 15.76 |
| n48 | 15 | 30 | 3624.99 | DFT | pi/2 BPSK | Inner_Full     | 20.15 | 22.53 |
| n48 | 15 | 30 | 3624.99 | DFT | pi/2 BPSK | Edge_1RB_Left  | 19.63 | 22.01 |

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|     |    |    |         |     |           |                |       |       |
|-----|----|----|---------|-----|-----------|----------------|-------|-------|
| n48 | 15 | 30 | 3624.99 | DFT | pi/2 BPSK | Edge_1RB_Right | 19.51 | 21.89 |
| n48 | 15 | 30 | 3624.99 | DFT | pi/2 BPSK | Outer_Full     | 19.64 | 22.02 |
| n48 | 15 | 30 | 3624.99 | DFT | QPSK      | Inner_Full     | 20.15 | 22.53 |
| n48 | 15 | 30 | 3624.99 | DFT | QPSK      | Edge_1RB_Left  | 19.17 | 21.55 |
| n48 | 15 | 30 | 3624.99 | DFT | QPSK      | Edge_1RB_Right | 19.06 | 21.44 |
| n48 | 15 | 30 | 3624.99 | DFT | QPSK      | Outer_Full     | 19.16 | 21.54 |
| n48 | 15 | 30 | 3624.99 | DFT | 16QAM     | Inner_Full     | 19.11 | 21.49 |
| n48 | 15 | 30 | 3624.99 | DFT | 16QAM     | Edge_1RB_Left  | 18.17 | 20.55 |
| n48 | 15 | 30 | 3624.99 | DFT | 16QAM     | Edge_1RB_Right | 18.11 | 20.49 |
| n48 | 15 | 30 | 3624.99 | DFT | 16QAM     | Outer_Full     | 18.19 | 20.57 |
| n48 | 15 | 30 | 3624.99 | DFT | 64QAM     | Inner_Full     | 17.61 | 19.99 |
| n48 | 15 | 30 | 3624.99 | DFT | 64QAM     | Edge_1RB_Left  | 17.62 | 20.00 |
| n48 | 15 | 30 | 3624.99 | DFT | 64QAM     | Edge_1RB_Right | 17.51 | 19.89 |
| n48 | 15 | 30 | 3624.99 | DFT | 64QAM     | Outer_Full     | 17.62 | 20.00 |
| n48 | 15 | 30 | 3624.99 | DFT | 256QAM    | Inner_Full     | 15.59 | 17.97 |
| n48 | 15 | 30 | 3624.99 | DFT | 256QAM    | Edge_1RB_Left  | 15.47 | 17.85 |
| n48 | 15 | 30 | 3624.99 | DFT | 256QAM    | Edge_1RB_Right | 15.31 | 17.69 |
| n48 | 15 | 30 | 3624.99 | DFT | 256QAM    | Outer_Full     | 15.64 | 18.02 |
| n48 | 15 | 30 | 3624.99 | CP  | QPSK      | Inner_Full     | 18.60 | 20.98 |
| n48 | 15 | 30 | 3624.99 | CP  | QPSK      | Edge_1RB_Left  | 17.19 | 19.57 |
| n48 | 15 | 30 | 3624.99 | CP  | QPSK      | Edge_1RB_Right | 17.10 | 19.48 |
| n48 | 15 | 30 | 3624.99 | CP  | QPSK      | Outer_Full     | 17.18 | 19.56 |
| n48 | 15 | 30 | 3624.99 | CP  | 16QAM     | Inner_Full     | 18.18 | 20.56 |
| n48 | 15 | 30 | 3624.99 | CP  | 16QAM     | Edge_1RB_Left  | 17.15 | 19.53 |
| n48 | 15 | 30 | 3624.99 | CP  | 16QAM     | Edge_1RB_Right | 17.05 | 19.43 |
| n48 | 15 | 30 | 3624.99 | CP  | 16QAM     | Outer_Full     | 17.16 | 19.54 |
| n48 | 15 | 30 | 3624.99 | CP  | 64QAM     | Inner_Full     | 16.57 | 18.95 |
| n48 | 15 | 30 | 3624.99 | CP  | 64QAM     | Edge_1RB_Left  | 16.41 | 18.79 |
| n48 | 15 | 30 | 3624.99 | CP  | 64QAM     | Edge_1RB_Right | 16.33 | 18.71 |
| n48 | 15 | 30 | 3624.99 | CP  | 64QAM     | Outer_Full     | 16.62 | 19.00 |
| n48 | 15 | 30 | 3624.99 | CP  | 256QAM    | Inner_Full     | 13.62 | 16.00 |
| n48 | 15 | 30 | 3624.99 | CP  | 256QAM    | Edge_1RB_Left  | 13.46 | 15.84 |
| n48 | 15 | 30 | 3624.99 | CP  | 256QAM    | Edge_1RB_Right | 13.32 | 15.70 |
| n48 | 15 | 30 | 3624.99 | CP  | 256QAM    | Outer_Full     | 13.61 | 15.99 |
| n48 | 15 | 30 | 3692.49 | DFT | pi/2 BPSK | Inner_Full     | 20.10 | 22.48 |
| n48 | 15 | 30 | 3692.49 | DFT | pi/2 BPSK | Edge_1RB_Left  | 19.57 | 21.95 |
| n48 | 15 | 30 | 3692.49 | DFT | pi/2 BPSK | Edge_1RB_Right | 19.58 | 21.96 |
| n48 | 15 | 30 | 3692.49 | DFT | pi/2 BPSK | Outer_Full     | 19.60 | 21.98 |

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|     |    |    |         |     |              |                |       |       |
|-----|----|----|---------|-----|--------------|----------------|-------|-------|
| n48 | 15 | 30 | 3692.49 | DFT | QPSK         | Inner_Full     | 20.05 | 22.43 |
| n48 | 15 | 30 | 3692.49 | DFT | QPSK         | Edge_1RB_Left  | 19.04 | 21.42 |
| n48 | 15 | 30 | 3692.49 | DFT | QPSK         | Edge_1RB_Right | 19.03 | 21.41 |
| n48 | 15 | 30 | 3692.49 | DFT | QPSK         | Outer_Full     | 19.09 | 21.47 |
| n48 | 15 | 30 | 3692.49 | DFT | 16QAM        | Inner_Full     | 19.07 | 21.45 |
| n48 | 15 | 30 | 3692.49 | DFT | 16QAM        | Edge_1RB_Left  | 18.11 | 20.49 |
| n48 | 15 | 30 | 3692.49 | DFT | 16QAM        | Edge_1RB_Right | 18.13 | 20.51 |
| n48 | 15 | 30 | 3692.49 | DFT | 16QAM        | Outer_Full     | 18.11 | 20.49 |
| n48 | 15 | 30 | 3692.49 | DFT | 64QAM        | Inner_Full     | 17.54 | 19.92 |
| n48 | 15 | 30 | 3692.49 | DFT | 64QAM        | Edge_1RB_Left  | 17.41 | 19.79 |
| n48 | 15 | 30 | 3692.49 | DFT | 64QAM        | Edge_1RB_Right | 17.46 | 19.84 |
| n48 | 15 | 30 | 3692.49 | DFT | 64QAM        | Outer_Full     | 17.51 | 19.89 |
| n48 | 15 | 30 | 3692.49 | DFT | 256QAM       | Inner_Full     | 15.53 | 17.91 |
| n48 | 15 | 30 | 3692.49 | DFT | 256QAM       | Edge_1RB_Left  | 15.41 | 17.79 |
| n48 | 15 | 30 | 3692.49 | DFT | 256QAM       | Edge_1RB_Right | 15.47 | 17.85 |
| n48 | 15 | 30 | 3692.49 | DFT | 256QAM       | Outer_Full     | 15.59 | 17.97 |
| n48 | 15 | 30 | 3692.49 | CP  | QPSK         | Inner_Full     | 18.53 | 20.91 |
| n48 | 15 | 30 | 3692.49 | CP  | QPSK         | Edge_1RB_Left  | 17.05 | 19.43 |
| n48 | 15 | 30 | 3692.49 | CP  | QPSK         | Edge_1RB_Right | 17.12 | 19.50 |
| n48 | 15 | 30 | 3692.49 | CP  | QPSK         | Outer_Full     | 17.03 | 19.41 |
| n48 | 15 | 30 | 3692.49 | CP  | 16QAM        | Inner_Full     | 18.11 | 20.49 |
| n48 | 15 | 30 | 3692.49 | CP  | 16QAM        | Edge_1RB_Left  | 17.08 | 19.46 |
| n48 | 15 | 30 | 3692.49 | CP  | 16QAM        | Edge_1RB_Right | 17.13 | 19.51 |
| n48 | 15 | 30 | 3692.49 | CP  | 16QAM        | Outer_Full     | 17.11 | 19.49 |
| n48 | 15 | 30 | 3692.49 | CP  | 64QAM        | Inner_Full     | 16.56 | 18.94 |
| n48 | 15 | 30 | 3692.49 | CP  | 64QAM        | Edge_1RB_Left  | 16.32 | 18.70 |
| n48 | 15 | 30 | 3692.49 | CP  | 64QAM        | Edge_1RB_Right | 16.39 | 18.77 |
| n48 | 15 | 30 | 3692.49 | CP  | 64QAM        | Outer_Full     | 16.56 | 18.94 |
| n48 | 15 | 30 | 3692.49 | CP  | 256QAM       | Inner_Full     | 13.48 | 15.86 |
| n48 | 15 | 30 | 3692.49 | CP  | 256QAM       | Edge_1RB_Left  | 13.33 | 15.71 |
| n48 | 15 | 30 | 3692.49 | CP  | 256QAM       | Edge_1RB_Right | 13.37 | 15.75 |
| n48 | 15 | 30 | 3692.49 | CP  | 256QAM       | Outer_Full     | 13.54 | 15.92 |
| n48 | 20 | 30 | 3560.01 | DFT | $\pi/2$ BPSK | Inner_Full     | 19.87 | 22.25 |
| n48 | 20 | 30 | 3560.01 | DFT | $\pi/2$ BPSK | Edge_1RB_Left  | 19.24 | 21.62 |
| n48 | 20 | 30 | 3560.01 | DFT | $\pi/2$ BPSK | Edge_1RB_Right | 19.29 | 21.67 |
| n48 | 20 | 30 | 3560.01 | DFT | $\pi/2$ BPSK | Outer_Full     | 19.37 | 21.75 |
| n48 | 20 | 30 | 3560.01 | DFT | QPSK         | Inner_Full     | 19.78 | 22.16 |
| n48 | 20 | 30 | 3560.01 | DFT | QPSK         | Edge_1RB_Left  | 18.74 | 21.12 |

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|     |    |    |         |     |           |                |       |       |
|-----|----|----|---------|-----|-----------|----------------|-------|-------|
| n48 | 20 | 30 | 3560.01 | DFT | QPSK      | Edge_1RB_Right | 18.75 | 21.13 |
| n48 | 20 | 30 | 3560.01 | DFT | QPSK      | Outer_Full     | 18.83 | 21.21 |
| n48 | 20 | 30 | 3560.01 | DFT | 16QAM     | Inner_Full     | 18.86 | 21.24 |
| n48 | 20 | 30 | 3560.01 | DFT | 16QAM     | Edge_1RB_Left  | 17.74 | 20.12 |
| n48 | 20 | 30 | 3560.01 | DFT | 16QAM     | Edge_1RB_Right | 17.85 | 20.23 |
| n48 | 20 | 30 | 3560.01 | DFT | 16QAM     | Outer_Full     | 17.82 | 20.20 |
| n48 | 20 | 30 | 3560.01 | DFT | 64QAM     | Inner_Full     | 17.37 | 19.75 |
| n48 | 20 | 30 | 3560.01 | DFT | 64QAM     | Edge_1RB_Left  | 17.21 | 19.59 |
| n48 | 20 | 30 | 3560.01 | DFT | 64QAM     | Edge_1RB_Right | 17.32 | 19.70 |
| n48 | 20 | 30 | 3560.01 | DFT | 64QAM     | Outer_Full     | 17.31 | 19.69 |
| n48 | 20 | 30 | 3560.01 | DFT | 256QAM    | Inner_Full     | 15.17 | 17.55 |
| n48 | 20 | 30 | 3560.01 | DFT | 256QAM    | Edge_1RB_Left  | 15.00 | 17.38 |
| n48 | 20 | 30 | 3560.01 | DFT | 256QAM    | Edge_1RB_Right | 15.16 | 17.54 |
| n48 | 20 | 30 | 3560.01 | DFT | 256QAM    | Outer_Full     | 15.33 | 17.71 |
| n48 | 20 | 30 | 3560.01 | CP  | QPSK      | Inner_Full     | 18.25 | 20.63 |
| n48 | 20 | 30 | 3560.01 | CP  | QPSK      | Edge_1RB_Left  | 16.64 | 19.02 |
| n48 | 20 | 30 | 3560.01 | CP  | QPSK      | Edge_1RB_Right | 16.72 | 19.10 |
| n48 | 20 | 30 | 3560.01 | CP  | QPSK      | Outer_Full     | 16.85 | 19.23 |
| n48 | 20 | 30 | 3560.01 | CP  | 16QAM     | Inner_Full     | 17.72 | 20.10 |
| n48 | 20 | 30 | 3560.01 | CP  | 16QAM     | Edge_1RB_Left  | 16.70 | 19.08 |
| n48 | 20 | 30 | 3560.01 | CP  | 16QAM     | Edge_1RB_Right | 16.81 | 19.19 |
| n48 | 20 | 30 | 3560.01 | CP  | 16QAM     | Outer_Full     | 16.93 | 19.31 |
| n48 | 20 | 30 | 3560.01 | CP  | 64QAM     | Inner_Full     | 16.21 | 18.59 |
| n48 | 20 | 30 | 3560.01 | CP  | 64QAM     | Edge_1RB_Left  | 15.96 | 18.34 |
| n48 | 20 | 30 | 3560.01 | CP  | 64QAM     | Edge_1RB_Right | 16.08 | 18.46 |
| n48 | 20 | 30 | 3560.01 | CP  | 64QAM     | Outer_Full     | 16.33 | 18.71 |
| n48 | 20 | 30 | 3560.01 | CP  | 256QAM    | Inner_Full     | 13.31 | 15.69 |
| n48 | 20 | 30 | 3560.01 | CP  | 256QAM    | Edge_1RB_Left  | 12.96 | 15.34 |
| n48 | 20 | 30 | 3560.01 | CP  | 256QAM    | Edge_1RB_Right | 13.00 | 15.38 |
| n48 | 20 | 30 | 3560.01 | CP  | 256QAM    | Outer_Full     | 13.39 | 15.77 |
| n48 | 20 | 30 | 3624.99 | DFT | pi/2 BPSK | Inner_Full     | 20.17 | 22.55 |
| n48 | 20 | 30 | 3624.99 | DFT | pi/2 BPSK | Edge_1RB_Left  | 19.69 | 22.07 |
| n48 | 20 | 30 | 3624.99 | DFT | pi/2 BPSK | Edge_1RB_Right | 19.50 | 21.88 |
| n48 | 20 | 30 | 3624.99 | DFT | pi/2 BPSK | Outer_Full     | 19.69 | 22.07 |
| n48 | 20 | 30 | 3624.99 | DFT | QPSK      | Inner_Full     | 20.18 | 22.56 |
| n48 | 20 | 30 | 3624.99 | DFT | QPSK      | Edge_1RB_Left  | 19.19 | 21.57 |
| n48 | 20 | 30 | 3624.99 | DFT | QPSK      | Edge_1RB_Right | 19.08 | 21.46 |
| n48 | 20 | 30 | 3624.99 | DFT | QPSK      | Outer_Full     | 19.15 | 21.53 |

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|     |    |    |         |     |           |                |       |       |
|-----|----|----|---------|-----|-----------|----------------|-------|-------|
| n48 | 20 | 30 | 3624.99 | DFT | 16QAM     | Inner_Full     | 19.15 | 21.53 |
| n48 | 20 | 30 | 3624.99 | DFT | 16QAM     | Edge_1RB_Left  | 18.29 | 20.67 |
| n48 | 20 | 30 | 3624.99 | DFT | 16QAM     | Edge_1RB_Right | 18.08 | 20.46 |
| n48 | 20 | 30 | 3624.99 | DFT | 16QAM     | Outer_Full     | 18.12 | 20.50 |
| n48 | 20 | 30 | 3624.99 | DFT | 64QAM     | Inner_Full     | 17.66 | 20.04 |
| n48 | 20 | 30 | 3624.99 | DFT | 64QAM     | Edge_1RB_Left  | 17.69 | 20.07 |
| n48 | 20 | 30 | 3624.99 | DFT | 64QAM     | Edge_1RB_Right | 17.54 | 19.92 |
| n48 | 20 | 30 | 3624.99 | DFT | 64QAM     | Outer_Full     | 17.66 | 20.04 |
| n48 | 20 | 30 | 3624.99 | DFT | 256QAM    | Inner_Full     | 15.59 | 17.97 |
| n48 | 20 | 30 | 3624.99 | DFT | 256QAM    | Edge_1RB_Left  | 15.51 | 17.89 |
| n48 | 20 | 30 | 3624.99 | DFT | 256QAM    | Edge_1RB_Right | 15.40 | 17.78 |
| n48 | 20 | 30 | 3624.99 | DFT | 256QAM    | Outer_Full     | 15.63 | 18.01 |
| n48 | 20 | 30 | 3624.99 | CP  | QPSK      | Inner_Full     | 18.63 | 21.01 |
| n48 | 20 | 30 | 3624.99 | CP  | QPSK      | Edge_1RB_Left  | 17.17 | 19.55 |
| n48 | 20 | 30 | 3624.99 | CP  | QPSK      | Edge_1RB_Right | 17.10 | 19.48 |
| n48 | 20 | 30 | 3624.99 | CP  | QPSK      | Outer_Full     | 17.18 | 19.56 |
| n48 | 20 | 30 | 3624.99 | CP  | 16QAM     | Inner_Full     | 18.17 | 20.55 |
| n48 | 20 | 30 | 3624.99 | CP  | 16QAM     | Edge_1RB_Left  | 17.32 | 19.70 |
| n48 | 20 | 30 | 3624.99 | CP  | 16QAM     | Edge_1RB_Right | 17.14 | 19.52 |
| n48 | 20 | 30 | 3624.99 | CP  | 16QAM     | Outer_Full     | 17.19 | 19.57 |
| n48 | 20 | 30 | 3624.99 | CP  | 64QAM     | Inner_Full     | 16.64 | 19.02 |
| n48 | 20 | 30 | 3624.99 | CP  | 64QAM     | Edge_1RB_Left  | 16.46 | 18.84 |
| n48 | 20 | 30 | 3624.99 | CP  | 64QAM     | Edge_1RB_Right | 16.30 | 18.68 |
| n48 | 20 | 30 | 3624.99 | CP  | 64QAM     | Outer_Full     | 16.67 | 19.05 |
| n48 | 20 | 30 | 3624.99 | CP  | 256QAM    | Inner_Full     | 13.69 | 16.07 |
| n48 | 20 | 30 | 3624.99 | CP  | 256QAM    | Edge_1RB_Left  | 13.47 | 15.85 |
| n48 | 20 | 30 | 3624.99 | CP  | 256QAM    | Edge_1RB_Right | 13.30 | 15.68 |
| n48 | 20 | 30 | 3624.99 | CP  | 256QAM    | Outer_Full     | 13.73 | 16.11 |
| n48 | 20 | 30 | 3690    | DFT | pi/2 BPSK | Inner_Full     | 20.11 | 22.49 |
| n48 | 20 | 30 | 3690    | DFT | pi/2 BPSK | Edge_1RB_Left  | 19.61 | 21.99 |
| n48 | 20 | 30 | 3690    | DFT | pi/2 BPSK | Edge_1RB_Right | 19.61 | 21.99 |
| n48 | 20 | 30 | 3690    | DFT | pi/2 BPSK | Outer_Full     | 19.59 | 21.97 |
| n48 | 20 | 30 | 3690    | DFT | QPSK      | Inner_Full     | 20.12 | 22.50 |
| n48 | 20 | 30 | 3690    | DFT | QPSK      | Edge_1RB_Left  | 19.10 | 21.48 |
| n48 | 20 | 30 | 3690    | DFT | QPSK      | Edge_1RB_Right | 19.12 | 21.50 |
| n48 | 20 | 30 | 3690    | DFT | QPSK      | Outer_Full     | 19.08 | 21.46 |
| n48 | 20 | 30 | 3690    | DFT | 16QAM     | Inner_Full     | 19.15 | 21.53 |
| n48 | 20 | 30 | 3690    | DFT | 16QAM     | Edge_1RB_Left  | 18.16 | 20.54 |

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|     |    |    |      |     |           |                |       |       |
|-----|----|----|------|-----|-----------|----------------|-------|-------|
| n48 | 20 | 30 | 3690 | DFT | 16QAM     | Edge_1RB_Right | 18.17 | 20.55 |
| n48 | 20 | 30 | 3690 | DFT | 16QAM     | Outer_Full     | 18.05 | 20.43 |
| n48 | 20 | 30 | 3690 | DFT | 64QAM     | Inner_Full     | 17.62 | 20.00 |
| n48 | 20 | 30 | 3690 | DFT | 64QAM     | Edge_1RB_Left  | 17.55 | 19.93 |
| n48 | 20 | 30 | 3690 | DFT | 64QAM     | Edge_1RB_Right | 17.55 | 19.93 |
| n48 | 20 | 30 | 3690 | DFT | 64QAM     | Outer_Full     | 17.58 | 19.96 |
| n48 | 20 | 30 | 3690 | DFT | 256QAM    | Inner_Full     | 15.49 | 17.87 |
| n48 | 20 | 30 | 3690 | DFT | 256QAM    | Edge_1RB_Left  | 15.46 | 17.84 |
| n48 | 20 | 30 | 3690 | DFT | 256QAM    | Edge_1RB_Right | 15.48 | 17.86 |
| n48 | 20 | 30 | 3690 | DFT | 256QAM    | Outer_Full     | 15.58 | 17.96 |
| n48 | 20 | 30 | 3690 | CP  | QPSK      | Inner_Full     | 18.53 | 20.91 |
| n48 | 20 | 30 | 3690 | CP  | QPSK      | Edge_1RB_Left  | 17.09 | 19.47 |
| n48 | 20 | 30 | 3690 | CP  | QPSK      | Edge_1RB_Right | 17.14 | 19.52 |
| n48 | 20 | 30 | 3690 | CP  | QPSK      | Outer_Full     | 17.08 | 19.46 |
| n48 | 20 | 30 | 3690 | CP  | 16QAM     | Inner_Full     | 18.08 | 20.46 |
| n48 | 20 | 30 | 3690 | CP  | 16QAM     | Edge_1RB_Left  | 17.17 | 19.55 |
| n48 | 20 | 30 | 3690 | CP  | 16QAM     | Edge_1RB_Right | 17.18 | 19.56 |
| n48 | 20 | 30 | 3690 | CP  | 16QAM     | Outer_Full     | 17.13 | 19.51 |
| n48 | 20 | 30 | 3690 | CP  | 64QAM     | Inner_Full     | 16.57 | 18.95 |
| n48 | 20 | 30 | 3690 | CP  | 64QAM     | Edge_1RB_Left  | 16.38 | 18.76 |
| n48 | 20 | 30 | 3690 | CP  | 64QAM     | Edge_1RB_Right | 16.32 | 18.70 |
| n48 | 20 | 30 | 3690 | CP  | 64QAM     | Outer_Full     | 16.59 | 18.97 |
| n48 | 20 | 30 | 3690 | CP  | 256QAM    | Inner_Full     | 13.51 | 15.89 |
| n48 | 20 | 30 | 3690 | CP  | 256QAM    | Edge_1RB_Left  | 13.33 | 15.71 |
| n48 | 20 | 30 | 3690 | CP  | 256QAM    | Edge_1RB_Right | 13.38 | 15.76 |
| n48 | 20 | 30 | 3690 | CP  | 256QAM    | Outer_Full     | 13.62 | 16.00 |
| n48 | 40 | 30 | 3570 | DFT | pi/2 BPSK | Inner_Full     | 19.83 | 22.21 |
| n48 | 40 | 30 | 3570 | DFT | pi/2 BPSK | Edge_1RB_Left  | 19.27 | 21.65 |
| n48 | 40 | 30 | 3570 | DFT | pi/2 BPSK | Edge_1RB_Right | 19.60 | 21.98 |
| n48 | 40 | 30 | 3570 | DFT | pi/2 BPSK | Outer_Full     | 19.31 | 21.69 |
| n48 | 40 | 30 | 3570 | DFT | QPSK      | Inner_Full     | 19.82 | 22.20 |
| n48 | 40 | 30 | 3570 | DFT | QPSK      | Edge_1RB_Left  | 18.76 | 21.14 |
| n48 | 40 | 30 | 3570 | DFT | QPSK      | Edge_1RB_Right | 19.07 | 21.45 |
| n48 | 40 | 30 | 3570 | DFT | QPSK      | Outer_Full     | 18.80 | 21.18 |
| n48 | 40 | 30 | 3570 | DFT | 16QAM     | Inner_Full     | 18.84 | 21.22 |
| n48 | 40 | 30 | 3570 | DFT | 16QAM     | Edge_1RB_Left  | 17.82 | 20.20 |
| n48 | 40 | 30 | 3570 | DFT | 16QAM     | Edge_1RB_Right | 18.18 | 20.56 |
| n48 | 40 | 30 | 3570 | DFT | 16QAM     | Outer_Full     | 17.78 | 20.16 |

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|     |    |    |         |     |              |                |       |       |
|-----|----|----|---------|-----|--------------|----------------|-------|-------|
| n48 | 40 | 30 | 3570    | DFT | 64QAM        | Inner_Full     | 17.34 | 19.72 |
| n48 | 40 | 30 | 3570    | DFT | 64QAM        | Edge_1RB_Left  | 17.33 | 19.71 |
| n48 | 40 | 30 | 3570    | DFT | 64QAM        | Edge_1RB_Right | 17.63 | 20.01 |
| n48 | 40 | 30 | 3570    | DFT | 64QAM        | Outer_Full     | 17.32 | 19.70 |
| n48 | 40 | 30 | 3570    | DFT | 256QAM       | Inner_Full     | 15.26 | 17.64 |
| n48 | 40 | 30 | 3570    | DFT | 256QAM       | Edge_1RB_Left  | 15.15 | 17.53 |
| n48 | 40 | 30 | 3570    | DFT | 256QAM       | Edge_1RB_Right | 15.47 | 17.85 |
| n48 | 40 | 30 | 3570    | DFT | 256QAM       | Outer_Full     | 15.31 | 17.69 |
| n48 | 40 | 30 | 3570    | CP  | QPSK         | Inner_Full     | 18.31 | 20.69 |
| n48 | 40 | 30 | 3570    | CP  | QPSK         | Edge_1RB_Left  | 16.77 | 19.15 |
| n48 | 40 | 30 | 3570    | CP  | QPSK         | Edge_1RB_Right | 17.18 | 19.56 |
| n48 | 40 | 30 | 3570    | CP  | QPSK         | Outer_Full     | 16.79 | 19.17 |
| n48 | 40 | 30 | 3570    | CP  | 16QAM        | Inner_Full     | 17.84 | 20.22 |
| n48 | 40 | 30 | 3570    | CP  | 16QAM        | Edge_1RB_Left  | 16.90 | 19.28 |
| n48 | 40 | 30 | 3570    | CP  | 16QAM        | Edge_1RB_Right | 17.27 | 19.65 |
| n48 | 40 | 30 | 3570    | CP  | 16QAM        | Outer_Full     | 16.80 | 19.18 |
| n48 | 40 | 30 | 3570    | CP  | 64QAM        | Inner_Full     | 16.28 | 18.66 |
| n48 | 40 | 30 | 3570    | CP  | 64QAM        | Edge_1RB_Left  | 16.11 | 18.49 |
| n48 | 40 | 30 | 3570    | CP  | 64QAM        | Edge_1RB_Right | 16.49 | 18.87 |
| n48 | 40 | 30 | 3570    | CP  | 64QAM        | Outer_Full     | 16.32 | 18.70 |
| n48 | 40 | 30 | 3570    | CP  | 256QAM       | Inner_Full     | 13.29 | 15.67 |
| n48 | 40 | 30 | 3570    | CP  | 256QAM       | Edge_1RB_Left  | 13.00 | 15.38 |
| n48 | 40 | 30 | 3570    | CP  | 256QAM       | Edge_1RB_Right | 13.39 | 15.77 |
| n48 | 40 | 30 | 3570    | CP  | 256QAM       | Outer_Full     | 13.33 | 15.71 |
| n48 | 40 | 30 | 3624.99 | DFT | $\pi/2$ BPSK | Inner_Full     | 20.16 | 22.54 |
| n48 | 40 | 30 | 3624.99 | DFT | $\pi/2$ BPSK | Edge_1RB_Left  | 19.81 | 22.19 |
| n48 | 40 | 30 | 3624.99 | DFT | $\pi/2$ BPSK | Edge_1RB_Right | 19.70 | 22.08 |
| n48 | 40 | 30 | 3624.99 | DFT | $\pi/2$ BPSK | Outer_Full     | 19.63 | 22.01 |
| n48 | 40 | 30 | 3624.99 | DFT | QPSK         | Inner_Full     | 20.16 | 22.54 |
| n48 | 40 | 30 | 3624.99 | DFT | QPSK         | Edge_1RB_Left  | 19.31 | 21.69 |
| n48 | 40 | 30 | 3624.99 | DFT | QPSK         | Edge_1RB_Right | 19.18 | 21.56 |
| n48 | 40 | 30 | 3624.99 | DFT | QPSK         | Outer_Full     | 19.14 | 21.52 |
| n48 | 40 | 30 | 3624.99 | DFT | 16QAM        | Inner_Full     | 19.16 | 21.54 |
| n48 | 40 | 30 | 3624.99 | DFT | 16QAM        | Edge_1RB_Left  | 18.36 | 20.74 |
| n48 | 40 | 30 | 3624.99 | DFT | 16QAM        | Edge_1RB_Right | 18.29 | 20.67 |
| n48 | 40 | 30 | 3624.99 | DFT | 16QAM        | Outer_Full     | 18.15 | 20.53 |
| n48 | 40 | 30 | 3624.99 | DFT | 64QAM        | Inner_Full     | 17.62 | 20.00 |
| n48 | 40 | 30 | 3624.99 | DFT | 64QAM        | Edge_1RB_Left  | 17.85 | 20.23 |

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|     |    |    |         |     |              |                |       |       |
|-----|----|----|---------|-----|--------------|----------------|-------|-------|
| n48 | 40 | 30 | 3624.99 | DFT | 64QAM        | Edge_1RB_Right | 17.72 | 20.10 |
| n48 | 40 | 30 | 3624.99 | DFT | 64QAM        | Outer_Full     | 17.65 | 20.03 |
| n48 | 40 | 30 | 3624.99 | DFT | 256QAM       | Inner_Full     | 15.62 | 18.00 |
| n48 | 40 | 30 | 3624.99 | DFT | 256QAM       | Edge_1RB_Left  | 15.64 | 18.02 |
| n48 | 40 | 30 | 3624.99 | DFT | 256QAM       | Edge_1RB_Right | 15.58 | 17.96 |
| n48 | 40 | 30 | 3624.99 | DFT | 256QAM       | Outer_Full     | 15.60 | 17.98 |
| n48 | 40 | 30 | 3624.99 | CP  | QPSK         | Inner_Full     | 18.58 | 20.96 |
| n48 | 40 | 30 | 3624.99 | CP  | QPSK         | Edge_1RB_Left  | 17.27 | 19.65 |
| n48 | 40 | 30 | 3624.99 | CP  | QPSK         | Edge_1RB_Right | 17.35 | 19.73 |
| n48 | 40 | 30 | 3624.99 | CP  | QPSK         | Outer_Full     | 17.13 | 19.51 |
| n48 | 40 | 30 | 3624.99 | CP  | 16QAM        | Inner_Full     | 18.17 | 20.55 |
| n48 | 40 | 30 | 3624.99 | CP  | 16QAM        | Edge_1RB_Left  | 17.41 | 19.79 |
| n48 | 40 | 30 | 3624.99 | CP  | 16QAM        | Edge_1RB_Right | 17.42 | 19.80 |
| n48 | 40 | 30 | 3624.99 | CP  | 16QAM        | Outer_Full     | 17.12 | 19.50 |
| n48 | 40 | 30 | 3624.99 | CP  | 64QAM        | Inner_Full     | 16.61 | 18.99 |
| n48 | 40 | 30 | 3624.99 | CP  | 64QAM        | Edge_1RB_Left  | 16.62 | 19.00 |
| n48 | 40 | 30 | 3624.99 | CP  | 64QAM        | Edge_1RB_Right | 16.52 | 18.90 |
| n48 | 40 | 30 | 3624.99 | CP  | 64QAM        | Outer_Full     | 16.65 | 19.03 |
| n48 | 40 | 30 | 3624.99 | CP  | 256QAM       | Inner_Full     | 13.59 | 15.97 |
| n48 | 40 | 30 | 3624.99 | CP  | 256QAM       | Edge_1RB_Left  | 13.55 | 15.93 |
| n48 | 40 | 30 | 3624.99 | CP  | 256QAM       | Edge_1RB_Right | 13.47 | 15.85 |
| n48 | 40 | 30 | 3624.99 | CP  | 256QAM       | Outer_Full     | 13.56 | 15.94 |
| n48 | 40 | 30 | 3679.98 | DFT | $\pi/2$ BPSK | Inner_Full     | 20.19 | 22.57 |
| n48 | 40 | 30 | 3679.98 | DFT | $\pi/2$ BPSK | Edge_1RB_Left  | 19.80 | 22.18 |
| n48 | 40 | 30 | 3679.98 | DFT | $\pi/2$ BPSK | Edge_1RB_Right | 19.84 | 22.22 |
| n48 | 40 | 30 | 3679.98 | DFT | $\pi/2$ BPSK | Outer_Full     | 19.69 | 22.07 |
| n48 | 40 | 30 | 3679.98 | DFT | QPSK         | Inner_Full     | 20.18 | 22.56 |
| n48 | 40 | 30 | 3679.98 | DFT | QPSK         | Edge_1RB_Left  | 19.36 | 21.74 |
| n48 | 40 | 30 | 3679.98 | DFT | QPSK         | Edge_1RB_Right | 19.45 | 21.83 |
| n48 | 40 | 30 | 3679.98 | DFT | QPSK         | Outer_Full     | 19.18 | 21.56 |
| n48 | 40 | 30 | 3679.98 | DFT | 16QAM        | Inner_Full     | 19.16 | 21.54 |
| n48 | 40 | 30 | 3679.98 | DFT | 16QAM        | Edge_1RB_Left  | 18.38 | 20.76 |
| n48 | 40 | 30 | 3679.98 | DFT | 16QAM        | Edge_1RB_Right | 18.46 | 20.84 |
| n48 | 40 | 30 | 3679.98 | DFT | 16QAM        | Outer_Full     | 18.19 | 20.57 |
| n48 | 40 | 30 | 3679.98 | DFT | 64QAM        | Inner_Full     | 17.65 | 20.03 |
| n48 | 40 | 30 | 3679.98 | DFT | 64QAM        | Edge_1RB_Left  | 17.78 | 20.16 |
| n48 | 40 | 30 | 3679.98 | DFT | 64QAM        | Edge_1RB_Right | 17.85 | 20.23 |
| n48 | 40 | 30 | 3679.98 | DFT | 64QAM        | Outer_Full     | 17.68 | 20.06 |

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## Report No.: I23W00005-NR-RF-Rev1

|     |    |    |         |     |        |                |       |       |
|-----|----|----|---------|-----|--------|----------------|-------|-------|
| n48 | 40 | 30 | 3679.98 | DFT | 256QAM | Inner_Full     | 15.58 | 17.96 |
| n48 | 40 | 30 | 3679.98 | DFT | 256QAM | Edge_1RB_Left  | 15.69 | 18.07 |
| n48 | 40 | 30 | 3679.98 | DFT | 256QAM | Edge_1RB_Right | 15.76 | 18.14 |
| n48 | 40 | 30 | 3679.98 | DFT | 256QAM | Outer_Full     | 15.64 | 18.02 |
| n48 | 40 | 30 | 3679.98 | CP  | QPSK   | Inner_Full     | 18.61 | 20.99 |
| n48 | 40 | 30 | 3679.98 | CP  | QPSK   | Edge_1RB_Left  | 17.25 | 19.63 |
| n48 | 40 | 30 | 3679.98 | CP  | QPSK   | Edge_1RB_Right | 17.33 | 19.71 |
| n48 | 40 | 30 | 3679.98 | CP  | QPSK   | Outer_Full     | 17.15 | 19.53 |
| n48 | 40 | 30 | 3679.98 | CP  | 16QAM  | Inner_Full     | 18.16 | 20.54 |
| n48 | 40 | 30 | 3679.98 | CP  | 16QAM  | Edge_1RB_Left  | 17.40 | 19.78 |
| n48 | 40 | 30 | 3679.98 | CP  | 16QAM  | Edge_1RB_Right | 17.51 | 19.89 |
| n48 | 40 | 30 | 3679.98 | CP  | 16QAM  | Outer_Full     | 17.22 | 19.60 |
| n48 | 40 | 30 | 3679.98 | CP  | 64QAM  | Inner_Full     | 16.63 | 19.01 |
| n48 | 40 | 30 | 3679.98 | CP  | 64QAM  | Edge_1RB_Left  | 16.61 | 18.99 |
| n48 | 40 | 30 | 3679.98 | CP  | 64QAM  | Edge_1RB_Right | 16.73 | 19.11 |
| n48 | 40 | 30 | 3679.98 | CP  | 64QAM  | Outer_Full     | 16.64 | 19.02 |
| n48 | 40 | 30 | 3679.98 | CP  | 256QAM | Inner_Full     | 13.61 | 15.99 |
| n48 | 40 | 30 | 3679.98 | CP  | 256QAM | Edge_1RB_Left  | 13.53 | 15.91 |
| n48 | 40 | 30 | 3679.98 | CP  | 256QAM | Edge_1RB_Right | 13.60 | 15.98 |
| n48 | 40 | 30 | 3679.98 | CP  | 256QAM | Outer_Full     | 13.65 | 16.03 |

### NR N48-MIMO

#### EIRP Limits 23dBm/10 megahertz

| BAND | BW(MHz) | SCS(kHz) | FREQ(MHz) | OFDM | MODULATION | RB LOCATION    | Port1Power (dBm) | Port2 Power (dBm) | Total Power(dBm) | EIRP(dBm/10 megahertz) Max EIRP:20.00 |
|------|---------|----------|-----------|------|------------|----------------|------------------|-------------------|------------------|---------------------------------------|
| n48  | 10      | 30       | 3555      | CP   | QPSK       | Inner_Full     | 15.23            | 11.30             | 16.70            | 19.08                                 |
| n48  | 10      | 30       | 3555      | CP   | QPSK       | Edge_1RB_Left  | 13.64            | 9.88              | 15.17            | 17.55                                 |
| n48  | 10      | 30       | 3555      | CP   | QPSK       | Edge_1RB_Right | 13.76            | 9.90              | 15.25            | 17.63                                 |
| n48  | 10      | 30       | 3555      | CP   | QPSK       | Outer_Full     | 13.71            | 9.87              | 15.21            | 17.59                                 |
| n48  | 10      | 30       | 3555      | CP   | 16QAM      | Inner_Full     | 14.54            | 10.88             | 16.09            | 18.47                                 |
| n48  | 10      | 30       | 3555      | CP   | 16QAM      | Edge_1RB_Left  | 13.69            | 9.78              | 15.17            | 17.55                                 |
| n48  | 10      | 30       | 3555      | CP   | 16QAM      | Edge_1RB_Right | 13.83            | 9.79              | 15.27            | 17.65                                 |
| n48  | 10      | 30       | 3555      | CP   | 16QAM      | Outer_Full     | 13.68            | 9.89              | 15.20            | 17.58                                 |
| n48  | 10      | 30       | 3555      | CP   | 64QAM      | Inner_Full     | 13.12            | 9.21              | 14.60            | 16.98                                 |
| n48  | 10      | 30       | 3555      | CP   | 64QAM      | Edge_1RB_Left  | 13.09            | 9.32              | 14.61            | 16.99                                 |
| n48  | 10      | 30       | 3555      | CP   | 64QAM      | Edge_1RB_Right | 13.18            | 9.37              | 14.69            | 17.07                                 |

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## Report No.: I23W00005-NR-RF-Rev1

|     |    |    |         |    |        |                |       |       |       |       |
|-----|----|----|---------|----|--------|----------------|-------|-------|-------|-------|
| n48 | 10 | 30 | 3555    | CP | 64QAM  | Outer_Full     | 13.23 | 9.26  | 14.69 | 17.07 |
| n48 | 10 | 30 | 3555    | CP | 256QAM | Inner_Full     | 9.97  | 6.36  | 11.54 | 13.92 |
| n48 | 10 | 30 | 3555    | CP | 256QAM | Edge_1RB_Left  | 9.81  | 6.06  | 11.34 | 13.72 |
| n48 | 10 | 30 | 3555    | CP | 256QAM | Edge_1RB_Right | 9.88  | 6.17  | 11.42 | 13.80 |
| n48 | 10 | 30 | 3555    | CP | 256QAM | Outer_Full     | 10.06 | 6.35  | 11.60 | 13.98 |
| n48 | 10 | 30 | 3624.99 | CP | QPSK   | Inner_Full     | 16.14 | 11.81 | 17.51 | 19.89 |
| n48 | 10 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Left  | 14.59 | 10.40 | 15.99 | 18.37 |
| n48 | 10 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Right | 14.58 | 10.27 | 15.95 | 18.33 |
| n48 | 10 | 30 | 3624.99 | CP | QPSK   | Outer_Full     | 14.58 | 10.32 | 15.96 | 18.34 |
| n48 | 10 | 30 | 3624.99 | CP | 16QAM  | Inner_Full     | 15.54 | 11.31 | 16.93 | 19.31 |
| n48 | 10 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Left  | 14.59 | 10.25 | 15.95 | 18.33 |
| n48 | 10 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Right | 14.60 | 10.22 | 15.95 | 18.33 |
| n48 | 10 | 30 | 3624.99 | CP | 16QAM  | Outer_Full     | 14.57 | 10.32 | 15.95 | 18.33 |
| n48 | 10 | 30 | 3624.99 | CP | 64QAM  | Inner_Full     | 14.08 | 9.71  | 15.43 | 17.81 |
| n48 | 10 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Left  | 14.01 | 9.92  | 15.44 | 17.82 |
| n48 | 10 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Right | 13.99 | 9.86  | 15.41 | 17.79 |
| n48 | 10 | 30 | 3624.99 | CP | 64QAM  | Outer_Full     | 14.12 | 9.76  | 15.48 | 17.86 |
| n48 | 10 | 30 | 3624.99 | CP | 256QAM | Inner_Full     | 10.95 | 6.76  | 12.36 | 14.74 |
| n48 | 10 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Left  | 10.81 | 6.62  | 12.21 | 14.59 |
| n48 | 10 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Right | 10.80 | 6.56  | 12.19 | 14.57 |
| n48 | 10 | 30 | 3624.99 | CP | 256QAM | Outer_Full     | 10.97 | 6.86  | 12.40 | 14.78 |
| n48 | 10 | 30 | 3694.98 | CP | QPSK   | Inner_Full     | 15.78 | 11.68 | 17.20 | 19.58 |
| n48 | 10 | 30 | 3694.98 | CP | QPSK   | Edge_1RB_Left  | 14.40 | 10.25 | 15.81 | 18.19 |
| n48 | 10 | 30 | 3694.98 | CP | QPSK   | Edge_1RB_Right | 14.26 | 10.16 | 15.69 | 18.07 |
| n48 | 10 | 30 | 3694.98 | CP | QPSK   | Outer_Full     | 14.32 | 10.18 | 15.73 | 18.11 |
| n48 | 10 | 30 | 3694.98 | CP | 16QAM  | Inner_Full     | 15.14 | 11.23 | 16.62 | 19.00 |
| n48 | 10 | 30 | 3694.98 | CP | 16QAM  | Edge_1RB_Left  | 14.45 | 10.16 | 15.82 | 18.20 |
| n48 | 10 | 30 | 3694.98 | CP | 16QAM  | Edge_1RB_Right | 14.31 | 10.18 | 15.73 | 18.11 |
| n48 | 10 | 30 | 3694.98 | CP | 16QAM  | Outer_Full     | 14.24 | 10.29 | 15.71 | 18.09 |
| n48 | 10 | 30 | 3694.98 | CP | 64QAM  | Inner_Full     | 13.74 | 9.63  | 15.16 | 17.54 |
| n48 | 10 | 30 | 3694.98 | CP | 64QAM  | Edge_1RB_Left  | 13.84 | 9.68  | 15.25 | 17.63 |
| n48 | 10 | 30 | 3694.98 | CP | 64QAM  | Edge_1RB_Right | 13.74 | 9.71  | 15.19 | 17.57 |
| n48 | 10 | 30 | 3694.98 | CP | 64QAM  | Outer_Full     | 13.78 | 9.65  | 15.20 | 17.58 |
| n48 | 10 | 30 | 3694.98 | CP | 256QAM | Inner_Full     | 10.61 | 6.73  | 12.10 | 14.48 |
| n48 | 10 | 30 | 3694.98 | CP | 256QAM | Edge_1RB_Left  | 10.49 | 6.51  | 11.95 | 14.33 |
| n48 | 10 | 30 | 3694.98 | CP | 256QAM | Edge_1RB_Right | 10.40 | 6.52  | 11.89 | 14.27 |
| n48 | 10 | 30 | 3694.98 | CP | 256QAM | Outer_Full     | 10.68 | 6.80  | 12.17 | 14.55 |
| n48 | 15 | 30 | 3557.52 | CP | QPSK   | Inner_Full     | 15.26 | 11.54 | 16.80 | 19.18 |

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## Report No.: I23W00005-NR-RF-Rev1

|     |    |    |         |    |        |                |       |       |       |       |
|-----|----|----|---------|----|--------|----------------|-------|-------|-------|-------|
| n48 | 15 | 30 | 3557.52 | CP | QPSK   | Edge_1RB_Left  | 13.68 | 9.95  | 15.21 | 17.59 |
| n48 | 15 | 30 | 3557.52 | CP | QPSK   | Edge_1RB_Right | 13.88 | 10.03 | 15.38 | 17.76 |
| n48 | 15 | 30 | 3557.52 | CP | QPSK   | Outer_Full     | 13.81 | 10.01 | 15.33 | 17.71 |
| n48 | 15 | 30 | 3557.52 | CP | 16QAM  | Inner_Full     | 14.84 | 10.98 | 16.34 | 18.72 |
| n48 | 15 | 30 | 3557.52 | CP | 16QAM  | Edge_1RB_Left  | 13.49 | 10.25 | 15.17 | 17.55 |
| n48 | 15 | 30 | 3557.52 | CP | 16QAM  | Edge_1RB_Right | 13.70 | 10.23 | 15.31 | 17.69 |
| n48 | 15 | 30 | 3557.52 | CP | 16QAM  | Outer_Full     | 13.88 | 9.96  | 15.36 | 17.74 |
| n48 | 15 | 30 | 3557.52 | CP | 64QAM  | Inner_Full     | 13.21 | 9.52  | 14.75 | 17.13 |
| n48 | 15 | 30 | 3557.52 | CP | 64QAM  | Edge_1RB_Left  | 13.04 | 9.43  | 14.61 | 16.99 |
| n48 | 15 | 30 | 3557.52 | CP | 64QAM  | Edge_1RB_Right | 13.25 | 9.56  | 14.80 | 17.18 |
| n48 | 15 | 30 | 3557.52 | CP | 64QAM  | Outer_Full     | 13.34 | 9.56  | 14.86 | 17.24 |
| n48 | 15 | 30 | 3557.52 | CP | 256QAM | Inner_Full     | 10.07 | 6.59  | 11.68 | 14.06 |
| n48 | 15 | 30 | 3557.52 | CP | 256QAM | Edge_1RB_Left  | 9.86  | 6.12  | 11.39 | 13.77 |
| n48 | 15 | 30 | 3557.52 | CP | 256QAM | Edge_1RB_Right | 9.96  | 6.39  | 11.54 | 13.92 |
| n48 | 15 | 30 | 3557.52 | CP | 256QAM | Outer_Full     | 10.22 | 6.53  | 11.77 | 14.15 |
| n48 | 15 | 30 | 3624.99 | CP | QPSK   | Inner_Full     | 16.25 | 11.91 | 17.61 | 19.99 |
| n48 | 15 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Left  | 14.60 | 10.47 | 16.02 | 18.40 |
| n48 | 15 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Right | 14.58 | 10.30 | 15.96 | 18.34 |
| n48 | 15 | 30 | 3624.99 | CP | QPSK   | Outer_Full     | 14.77 | 10.41 | 16.13 | 18.51 |
| n48 | 15 | 30 | 3624.99 | CP | 16QAM  | Inner_Full     | 15.83 | 11.38 | 17.16 | 19.54 |
| n48 | 15 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Left  | 14.68 | 10.37 | 16.04 | 18.42 |
| n48 | 15 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Right | 14.68 | 10.28 | 16.03 | 18.41 |
| n48 | 15 | 30 | 3624.99 | CP | 16QAM  | Outer_Full     | 14.81 | 10.39 | 16.15 | 18.53 |
| n48 | 15 | 30 | 3624.99 | CP | 64QAM  | Inner_Full     | 14.27 | 9.93  | 15.63 | 18.01 |
| n48 | 15 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Left  | 14.14 | 10.00 | 15.55 | 17.93 |
| n48 | 15 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Right | 14.11 | 9.91  | 15.51 | 17.89 |
| n48 | 15 | 30 | 3624.99 | CP | 64QAM  | Outer_Full     | 14.33 | 9.97  | 15.68 | 18.06 |
| n48 | 15 | 30 | 3624.99 | CP | 256QAM | Inner_Full     | 11.01 | 6.90  | 12.43 | 14.81 |
| n48 | 15 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Left  | 10.83 | 6.71  | 12.25 | 14.63 |
| n48 | 15 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Right | 10.80 | 6.61  | 12.20 | 14.58 |
| n48 | 15 | 30 | 3624.99 | CP | 256QAM | Outer_Full     | 11.17 | 6.99  | 12.57 | 14.95 |
| n48 | 15 | 30 | 3692.49 | CP | QPSK   | Inner_Full     | 15.82 | 11.80 | 17.27 | 19.65 |
| n48 | 15 | 30 | 3692.49 | CP | QPSK   | Edge_1RB_Left  | 14.44 | 10.24 | 15.84 | 18.22 |
| n48 | 15 | 30 | 3692.49 | CP | QPSK   | Edge_1RB_Right | 14.27 | 10.13 | 15.68 | 18.06 |
| n48 | 15 | 30 | 3692.49 | CP | QPSK   | Outer_Full     | 14.37 | 10.33 | 15.82 | 18.20 |
| n48 | 15 | 30 | 3692.49 | CP | 16QAM  | Inner_Full     | 15.43 | 11.31 | 16.85 | 19.23 |
| n48 | 15 | 30 | 3692.49 | CP | 16QAM  | Edge_1RB_Left  | 14.27 | 10.24 | 15.72 | 18.10 |
| n48 | 15 | 30 | 3692.49 | CP | 16QAM  | Edge_1RB_Right | 14.24 | 10.19 | 15.68 | 18.06 |

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## Report No.: I23W00005-NR-RF-Rev1

|     |    |    |         |    |        |                |       |       |       |       |
|-----|----|----|---------|----|--------|----------------|-------|-------|-------|-------|
| n48 | 15 | 30 | 3692.49 | CP | 16QAM  | Outer_Full     | 14.49 | 10.36 | 15.91 | 18.29 |
| n48 | 15 | 30 | 3692.49 | CP | 64QAM  | Inner_Full     | 13.86 | 9.87  | 15.31 | 17.69 |
| n48 | 15 | 30 | 3692.49 | CP | 64QAM  | Edge_1RB_Left  | 13.72 | 9.81  | 15.20 | 17.58 |
| n48 | 15 | 30 | 3692.49 | CP | 64QAM  | Edge_1RB_Right | 13.73 | 9.73  | 15.18 | 17.56 |
| n48 | 15 | 30 | 3692.49 | CP | 64QAM  | Outer_Full     | 13.89 | 9.89  | 15.34 | 17.72 |
| n48 | 15 | 30 | 3692.49 | CP | 256QAM | Inner_Full     | 10.71 | 6.82  | 12.20 | 14.58 |
| n48 | 15 | 30 | 3692.49 | CP | 256QAM | Edge_1RB_Left  | 10.65 | 6.56  | 12.08 | 14.46 |
| n48 | 15 | 30 | 3692.49 | CP | 256QAM | Edge_1RB_Right | 10.59 | 6.48  | 12.02 | 14.40 |
| n48 | 15 | 30 | 3692.49 | CP | 256QAM | Outer_Full     | 10.82 | 6.89  | 12.29 | 14.67 |
| n48 | 20 | 30 | 3560.01 | CP | QPSK   | Inner_Full     | 15.34 | 11.62 | 16.88 | 19.26 |
| n48 | 20 | 30 | 3560.01 | CP | QPSK   | Edge_1RB_Left  | 13.78 | 9.89  | 15.27 | 17.65 |
| n48 | 20 | 30 | 3560.01 | CP | QPSK   | Edge_1RB_Right | 13.90 | 10.05 | 15.40 | 17.78 |
| n48 | 20 | 30 | 3560.01 | CP | QPSK   | Outer_Full     | 13.84 | 10.10 | 15.37 | 17.75 |
| n48 | 20 | 30 | 3560.01 | CP | 16QAM  | Inner_Full     | 14.82 | 11.08 | 16.35 | 18.73 |
| n48 | 20 | 30 | 3560.01 | CP | 16QAM  | Edge_1RB_Left  | 13.79 | 10.04 | 15.32 | 17.70 |
| n48 | 20 | 30 | 3560.01 | CP | 16QAM  | Edge_1RB_Right | 13.96 | 10.19 | 15.48 | 17.86 |
| n48 | 20 | 30 | 3560.01 | CP | 16QAM  | Outer_Full     | 13.87 | 10.11 | 15.40 | 17.78 |
| n48 | 20 | 30 | 3560.01 | CP | 64QAM  | Inner_Full     | 13.41 | 9.58  | 14.92 | 17.30 |
| n48 | 20 | 30 | 3560.01 | CP | 64QAM  | Edge_1RB_Left  | 13.21 | 9.35  | 14.71 | 17.09 |
| n48 | 20 | 30 | 3560.01 | CP | 64QAM  | Edge_1RB_Right | 13.26 | 9.68  | 14.84 | 17.22 |
| n48 | 20 | 30 | 3560.01 | CP | 64QAM  | Outer_Full     | 13.36 | 9.49  | 14.85 | 17.23 |
| n48 | 20 | 30 | 3560.01 | CP | 256QAM | Inner_Full     | 10.21 | 6.57  | 11.77 | 14.15 |
| n48 | 20 | 30 | 3560.01 | CP | 256QAM | Edge_1RB_Left  | 9.80  | 6.10  | 11.34 | 13.72 |
| n48 | 20 | 30 | 3560.01 | CP | 256QAM | Edge_1RB_Right | 10.04 | 6.36  | 11.59 | 13.97 |
| n48 | 20 | 30 | 3560.01 | CP | 256QAM | Outer_Full     | 10.25 | 6.61  | 11.81 | 14.19 |
| n48 | 20 | 30 | 3624.99 | CP | QPSK   | Inner_Full     | 16.21 | 12.02 | 17.61 | 19.99 |
| n48 | 20 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Left  | 14.74 | 10.36 | 16.09 | 18.47 |
| n48 | 20 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Right | 14.69 | 10.38 | 16.06 | 18.44 |
| n48 | 20 | 30 | 3624.99 | CP | QPSK   | Outer_Full     | 14.70 | 10.42 | 16.08 | 18.46 |
| n48 | 20 | 30 | 3624.99 | CP | 16QAM  | Inner_Full     | 15.75 | 11.44 | 17.12 | 19.50 |
| n48 | 20 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Left  | 14.64 | 10.52 | 16.06 | 18.44 |
| n48 | 20 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Right | 14.56 | 10.35 | 15.95 | 18.33 |
| n48 | 20 | 30 | 3624.99 | CP | 16QAM  | Outer_Full     | 14.79 | 10.42 | 16.14 | 18.52 |
| n48 | 20 | 30 | 3624.99 | CP | 64QAM  | Inner_Full     | 14.28 | 9.99  | 15.66 | 18.04 |
| n48 | 20 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Left  | 14.09 | 9.93  | 15.50 | 17.88 |
| n48 | 20 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Right | 14.02 | 9.86  | 15.43 | 17.81 |
| n48 | 20 | 30 | 3624.99 | CP | 64QAM  | Outer_Full     | 14.26 | 9.92  | 15.62 | 18.00 |
| n48 | 20 | 30 | 3624.99 | CP | 256QAM | Inner_Full     | 11.16 | 6.94  | 12.55 | 14.93 |

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## Report No.: I23W00005-NR-RF-Rev1

|     |    |    |         |    |        |                |       |       |       |       |
|-----|----|----|---------|----|--------|----------------|-------|-------|-------|-------|
| n48 | 20 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Left  | 10.77 | 6.67  | 12.20 | 14.58 |
| n48 | 20 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Right | 10.76 | 6.66  | 12.18 | 14.56 |
| n48 | 20 | 30 | 3624.99 | CP | 256QAM | Outer_Full     | 11.20 | 6.91  | 12.58 | 14.96 |
| n48 | 20 | 30 | 3690    | CP | QPSK   | Inner_Full     | 15.86 | 11.90 | 17.32 | 19.70 |
| n48 | 20 | 30 | 3690    | CP | QPSK   | Edge_1RB_Left  | 14.43 | 10.29 | 15.85 | 18.23 |
| n48 | 20 | 30 | 3690    | CP | QPSK   | Edge_1RB_Right | 14.37 | 10.26 | 15.79 | 18.17 |
| n48 | 20 | 30 | 3690    | CP | QPSK   | Outer_Full     | 14.32 | 10.37 | 15.79 | 18.17 |
| n48 | 20 | 30 | 3690    | CP | 16QAM  | Inner_Full     | 15.34 | 11.34 | 16.79 | 19.17 |
| n48 | 20 | 30 | 3690    | CP | 16QAM  | Edge_1RB_Left  | 14.31 | 10.31 | 15.76 | 18.14 |
| n48 | 20 | 30 | 3690    | CP | 16QAM  | Edge_1RB_Right | 14.20 | 10.21 | 15.66 | 18.04 |
| n48 | 20 | 30 | 3690    | CP | 16QAM  | Outer_Full     | 14.38 | 10.38 | 15.84 | 18.22 |
| n48 | 20 | 30 | 3690    | CP | 64QAM  | Inner_Full     | 13.91 | 9.91  | 15.37 | 17.75 |
| n48 | 20 | 30 | 3690    | CP | 64QAM  | Edge_1RB_Left  | 13.75 | 9.86  | 15.24 | 17.62 |
| n48 | 20 | 30 | 3690    | CP | 64QAM  | Edge_1RB_Right | 13.66 | 9.75  | 15.14 | 17.52 |
| n48 | 20 | 30 | 3690    | CP | 64QAM  | Outer_Full     | 13.90 | 9.83  | 15.33 | 17.71 |
| n48 | 20 | 30 | 3690    | CP | 256QAM | Inner_Full     | 10.86 | 6.82  | 12.30 | 14.68 |
| n48 | 20 | 30 | 3690    | CP | 256QAM | Edge_1RB_Left  | 10.70 | 6.40  | 12.07 | 14.45 |
| n48 | 20 | 30 | 3690    | CP | 256QAM | Edge_1RB_Right | 10.54 | 6.56  | 12.00 | 14.38 |
| n48 | 20 | 30 | 3690    | CP | 256QAM | Outer_Full     | 10.75 | 6.86  | 12.23 | 14.61 |
| n48 | 40 | 30 | 3570    | CP | QPSK   | Inner_Full     | 15.38 | 11.66 | 16.92 | 19.30 |
| n48 | 40 | 30 | 3570    | CP | QPSK   | Edge_1RB_Left  | 13.80 | 10.04 | 15.32 | 17.70 |
| n48 | 40 | 30 | 3570    | CP | QPSK   | Edge_1RB_Right | 14.45 | 10.39 | 15.88 | 18.26 |
| n48 | 40 | 30 | 3570    | CP | QPSK   | Outer_Full     | 13.84 | 10.08 | 15.36 | 17.74 |
| n48 | 40 | 30 | 3570    | CP | 16QAM  | Inner_Full     | 14.94 | 11.10 | 16.44 | 18.82 |
| n48 | 40 | 30 | 3570    | CP | 16QAM  | Edge_1RB_Left  | 13.83 | 10.07 | 15.36 | 17.74 |
| n48 | 40 | 30 | 3570    | CP | 16QAM  | Edge_1RB_Right | 14.50 | 10.43 | 15.93 | 18.31 |
| n48 | 40 | 30 | 3570    | CP | 16QAM  | Outer_Full     | 13.91 | 10.17 | 15.44 | 17.82 |
| n48 | 40 | 30 | 3570    | CP | 64QAM  | Inner_Full     | 13.37 | 9.64  | 14.90 | 17.28 |
| n48 | 40 | 30 | 3570    | CP | 64QAM  | Edge_1RB_Left  | 13.17 | 9.45  | 14.71 | 17.09 |
| n48 | 40 | 30 | 3570    | CP | 64QAM  | Edge_1RB_Right | 13.89 | 9.87  | 15.34 | 17.72 |
| n48 | 40 | 30 | 3570    | CP | 64QAM  | Outer_Full     | 13.42 | 9.70  | 14.96 | 17.34 |
| n48 | 40 | 30 | 3570    | CP | 256QAM | Inner_Full     | 10.36 | 6.64  | 11.90 | 14.28 |
| n48 | 40 | 30 | 3570    | CP | 256QAM | Edge_1RB_Left  | 9.93  | 6.40  | 11.52 | 13.90 |
| n48 | 40 | 30 | 3570    | CP | 256QAM | Edge_1RB_Right | 10.57 | 6.80  | 12.09 | 14.47 |
| n48 | 40 | 30 | 3570    | CP | 256QAM | Outer_Full     | 10.37 | 6.69  | 11.92 | 14.30 |
| n48 | 40 | 30 | 3624.99 | CP | QPSK   | Inner_Full     | 16.22 | 12.05 | 17.62 | 20.00 |
| n48 | 40 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Left  | 14.72 | 10.45 | 16.10 | 18.48 |
| n48 | 40 | 30 | 3624.99 | CP | QPSK   | Edge_1RB_Right | 14.88 | 10.46 | 16.22 | 18.60 |

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## Report No.: I23W00005-NR-RF-Rev1

|     |    |    |         |    |        |                |       |       |       |       |
|-----|----|----|---------|----|--------|----------------|-------|-------|-------|-------|
| n48 | 40 | 30 | 3624.99 | CP | QPSK   | Outer_Full     | 14.72 | 10.43 | 16.09 | 18.47 |
| n48 | 40 | 30 | 3624.99 | CP | 16QAM  | Inner_Full     | 15.77 | 11.37 | 17.12 | 19.50 |
| n48 | 40 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Left  | 14.87 | 10.47 | 16.22 | 18.60 |
| n48 | 40 | 30 | 3624.99 | CP | 16QAM  | Edge_1RB_Right | 14.93 | 10.49 | 16.27 | 18.65 |
| n48 | 40 | 30 | 3624.99 | CP | 16QAM  | Outer_Full     | 14.69 | 10.43 | 16.08 | 18.46 |
| n48 | 40 | 30 | 3624.99 | CP | 64QAM  | Inner_Full     | 14.26 | 9.91  | 15.62 | 18.00 |
| n48 | 40 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Left  | 14.23 | 9.95  | 15.61 | 17.99 |
| n48 | 40 | 30 | 3624.99 | CP | 64QAM  | Edge_1RB_Right | 14.35 | 9.96  | 15.70 | 18.08 |
| n48 | 40 | 30 | 3624.99 | CP | 64QAM  | Outer_Full     | 14.21 | 9.86  | 15.57 | 17.95 |
| n48 | 40 | 30 | 3624.99 | CP | 256QAM | Inner_Full     | 11.10 | 6.99  | 12.52 | 14.90 |
| n48 | 40 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Left  | 10.90 | 6.91  | 12.36 | 14.74 |
| n48 | 40 | 30 | 3624.99 | CP | 256QAM | Edge_1RB_Right | 11.08 | 6.78  | 12.45 | 14.83 |
| n48 | 40 | 30 | 3624.99 | CP | 256QAM | Outer_Full     | 11.09 | 6.91  | 12.50 | 14.88 |
| n48 | 40 | 30 | 3679.98 | CP | QPSK   | Inner_Full     | 15.97 | 11.89 | 17.40 | 19.78 |
| n48 | 40 | 30 | 3679.98 | CP | QPSK   | Edge_1RB_Left  | 14.81 | 10.47 | 16.17 | 18.55 |
| n48 | 40 | 30 | 3679.98 | CP | QPSK   | Edge_1RB_Right | 14.63 | 10.45 | 16.03 | 18.41 |
| n48 | 40 | 30 | 3679.98 | CP | QPSK   | Outer_Full     | 14.51 | 10.41 | 15.93 | 18.31 |
| n48 | 40 | 30 | 3679.98 | CP | 16QAM  | Inner_Full     | 15.53 | 11.38 | 16.94 | 19.32 |
| n48 | 40 | 30 | 3679.98 | CP | 16QAM  | Edge_1RB_Left  | 14.82 | 10.11 | 16.09 | 18.47 |
| n48 | 40 | 30 | 3679.98 | CP | 16QAM  | Edge_1RB_Right | 14.67 | 10.17 | 15.99 | 18.37 |
| n48 | 40 | 30 | 3679.98 | CP | 16QAM  | Outer_Full     | 14.55 | 10.43 | 15.97 | 18.35 |
| n48 | 40 | 30 | 3679.98 | CP | 64QAM  | Inner_Full     | 14.05 | 9.84  | 15.45 | 17.83 |
| n48 | 40 | 30 | 3679.98 | CP | 64QAM  | Edge_1RB_Left  | 14.25 | 9.97  | 15.63 | 18.01 |
| n48 | 40 | 30 | 3679.98 | CP | 64QAM  | Edge_1RB_Right | 14.14 | 10.08 | 15.58 | 17.96 |
| n48 | 40 | 30 | 3679.98 | CP | 64QAM  | Outer_Full     | 14.04 | 9.88  | 15.45 | 17.83 |
| n48 | 40 | 30 | 3679.98 | CP | 256QAM | Inner_Full     | 10.97 | 6.82  | 12.38 | 14.76 |
| n48 | 40 | 30 | 3679.98 | CP | 256QAM | Edge_1RB_Left  | 11.00 | 6.68  | 12.36 | 14.74 |
| n48 | 40 | 30 | 3679.98 | CP | 256QAM | Edge_1RB_Right | 10.78 | 6.79  | 12.24 | 14.62 |
| n48 | 40 | 30 | 3679.98 | CP | 256QAM | Outer_Full     | 10.99 | 6.91  | 12.42 | 14.80 |

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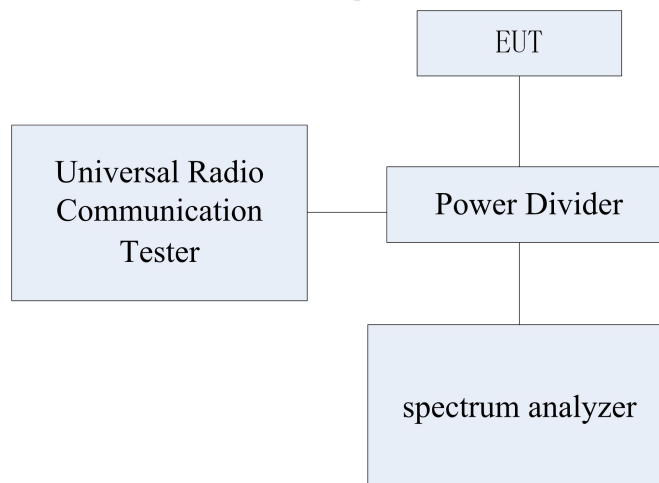
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#### 6.4. Occupied Bandwidth

|                           |                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------|
| <b>Specifications:</b>    | FCC Part 2.1049                                                                       |
| <b>DUT Serial Number:</b> | IMEI:864680060006479                                                                  |
| <b>Test conditions:</b>   | Ambient Temperature:15°C-35°C<br>Relative Humidity:30%-60%<br>Air pressure: 86-106kPa |
| <b>Test Results:</b>      | --                                                                                    |

#### Test Setup

During the test, the EUT was controlled via the Wireless Communications Test Set to ensure max power transmission and proper modulation and measured by spectrum analyzer.



#### Measurement Uncertainty:

| Item                 | Uncertainty    |
|----------------------|----------------|
| Expanded Uncertainty | 70.04 Hz (k=2) |

#### Test Method

The 99% occupied Bandwidth was calculated from the spectrum analyzer. Markers in the spectrum analyzer were then placed between the calculated frequencies to show the calculated 99% power Band. The 26dB Bandwidth was also measured and recorded.

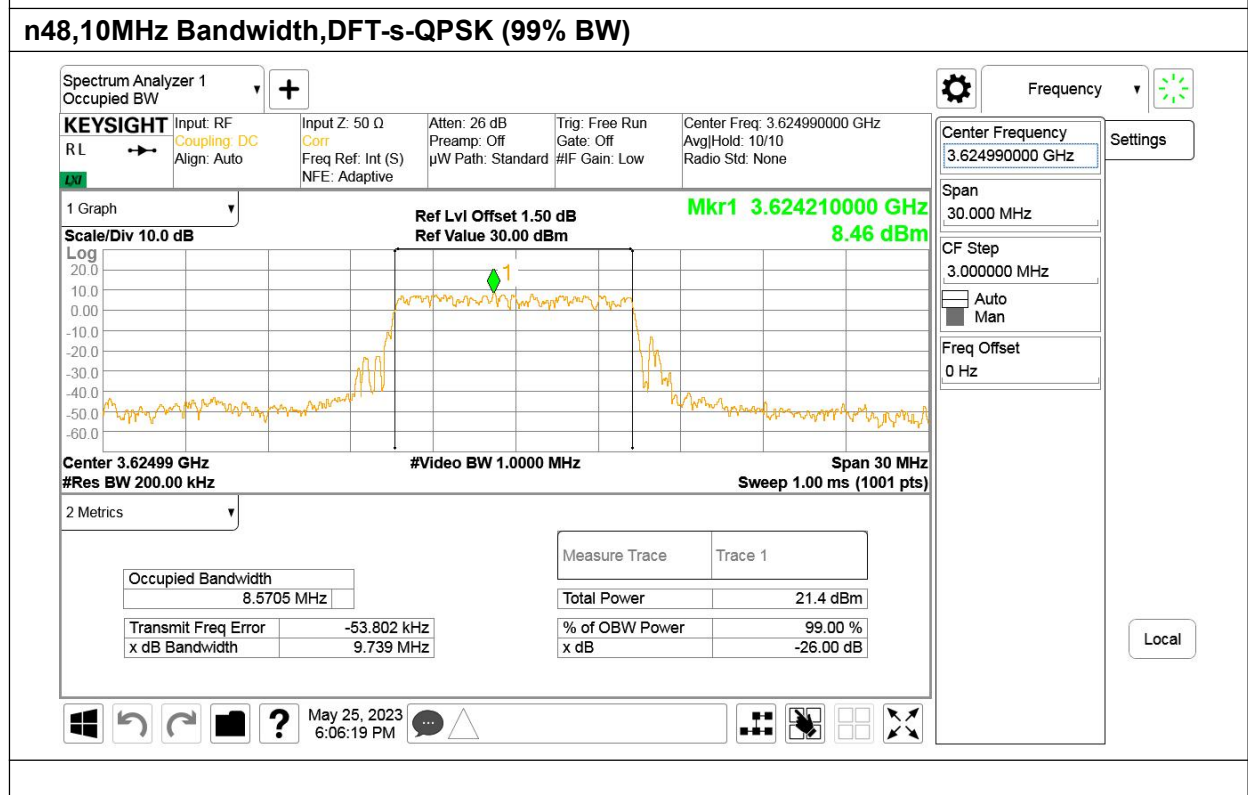
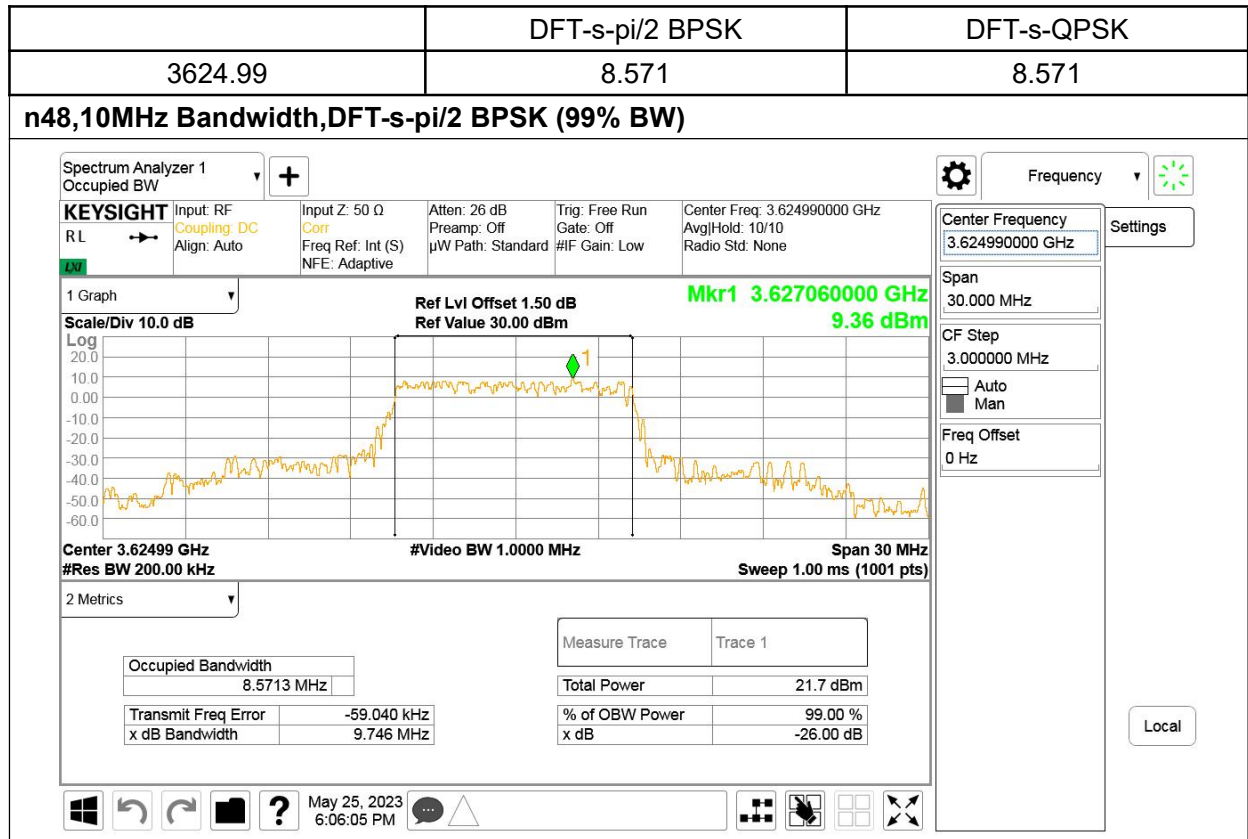
**Note:** --

**n48,10MHz(99%)**

| Frequency (MHz) | Occupied Bandwidth (99%) (MHz) |
|-----------------|--------------------------------|
|-----------------|--------------------------------|

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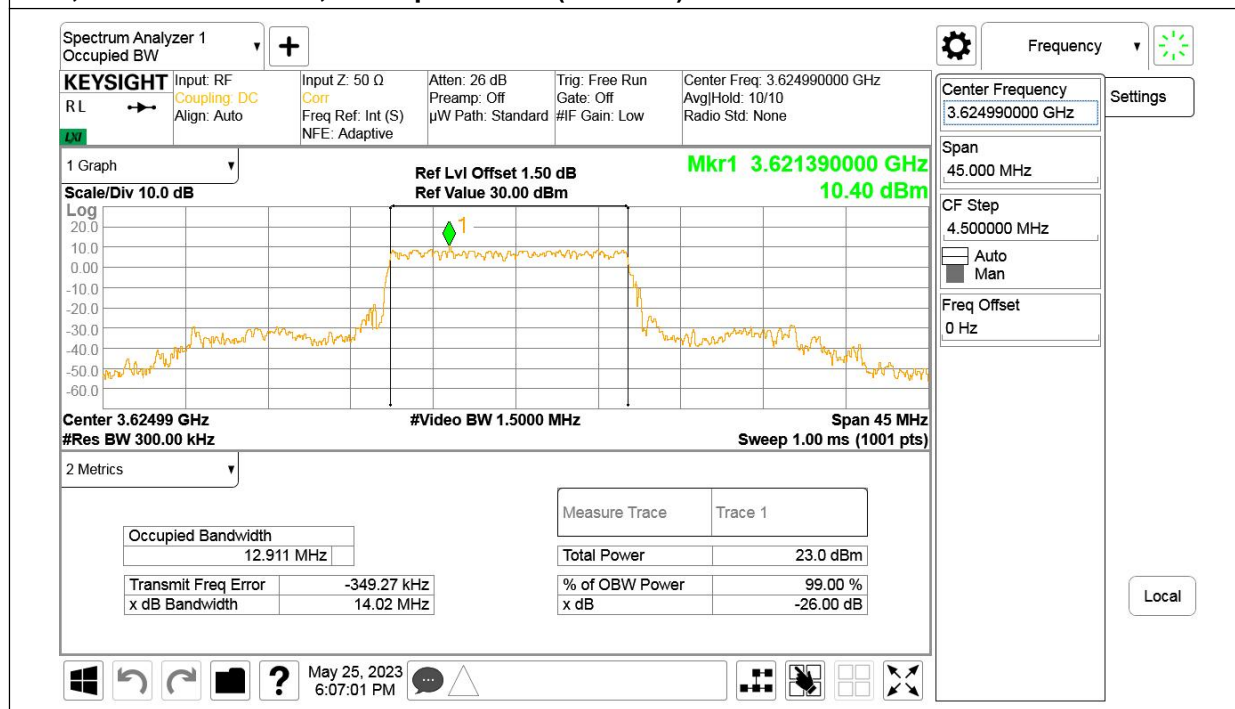
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FAX:0086-23-88608777

n48,15MHz(99%)

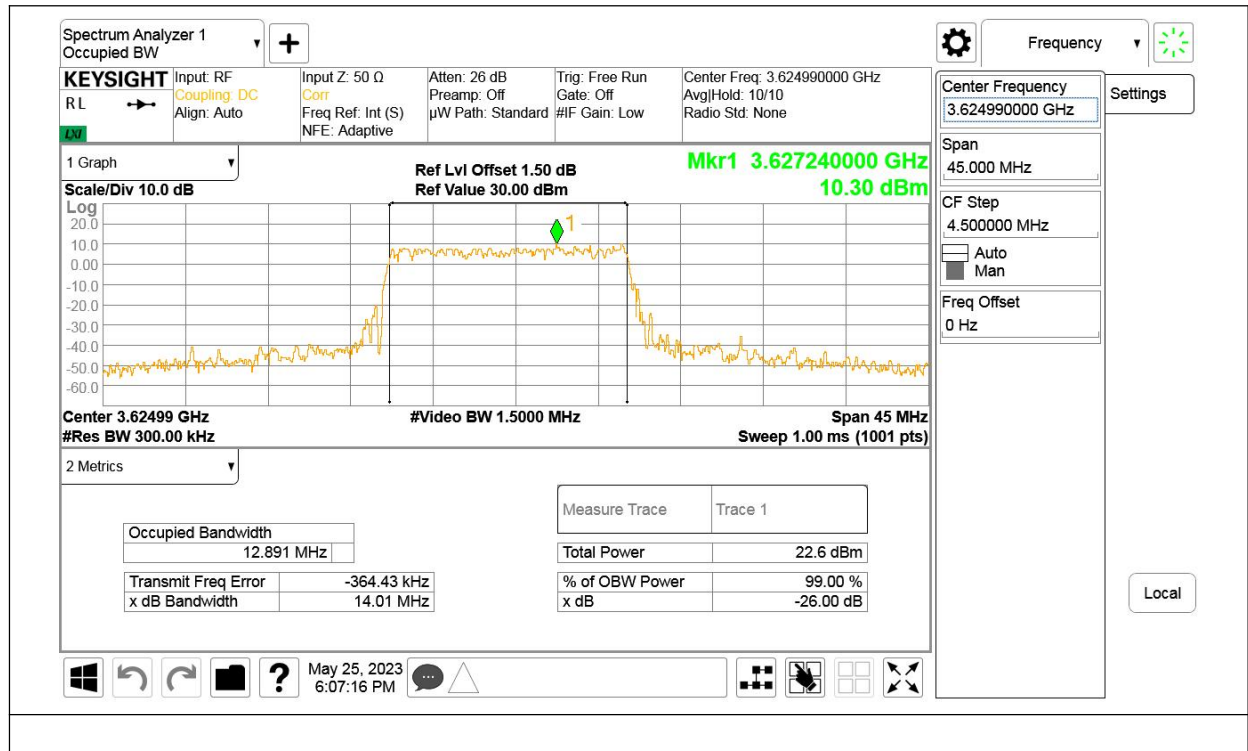
| Frequency (MHz) | Occupied Bandwidth (99%) (MHz) |            |
|-----------------|--------------------------------|------------|
|                 | DFT-s-pi/2 BPSK                | DFT-s-QPSK |
| 3624.99         | 12.911                         | 12.891     |

n48,15MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



n48,15MHz Bandwidth,DFT-s-QPSK (99% BW)

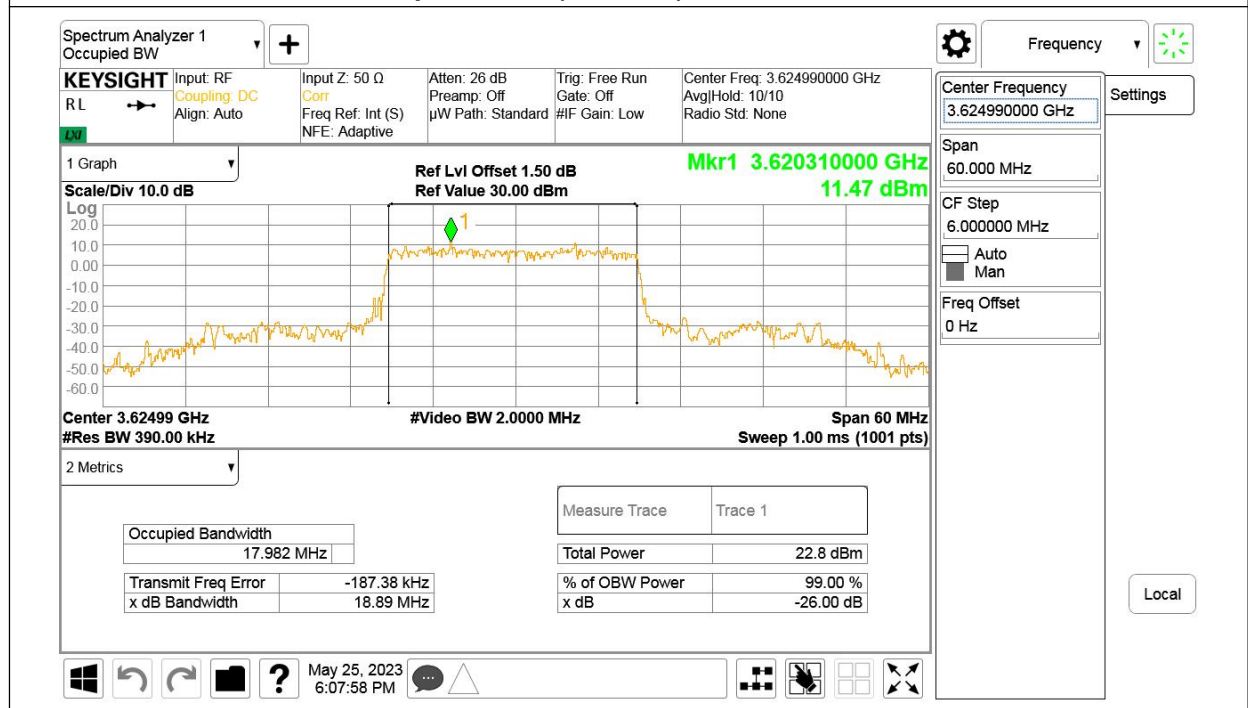




n48,20MHz(99%)

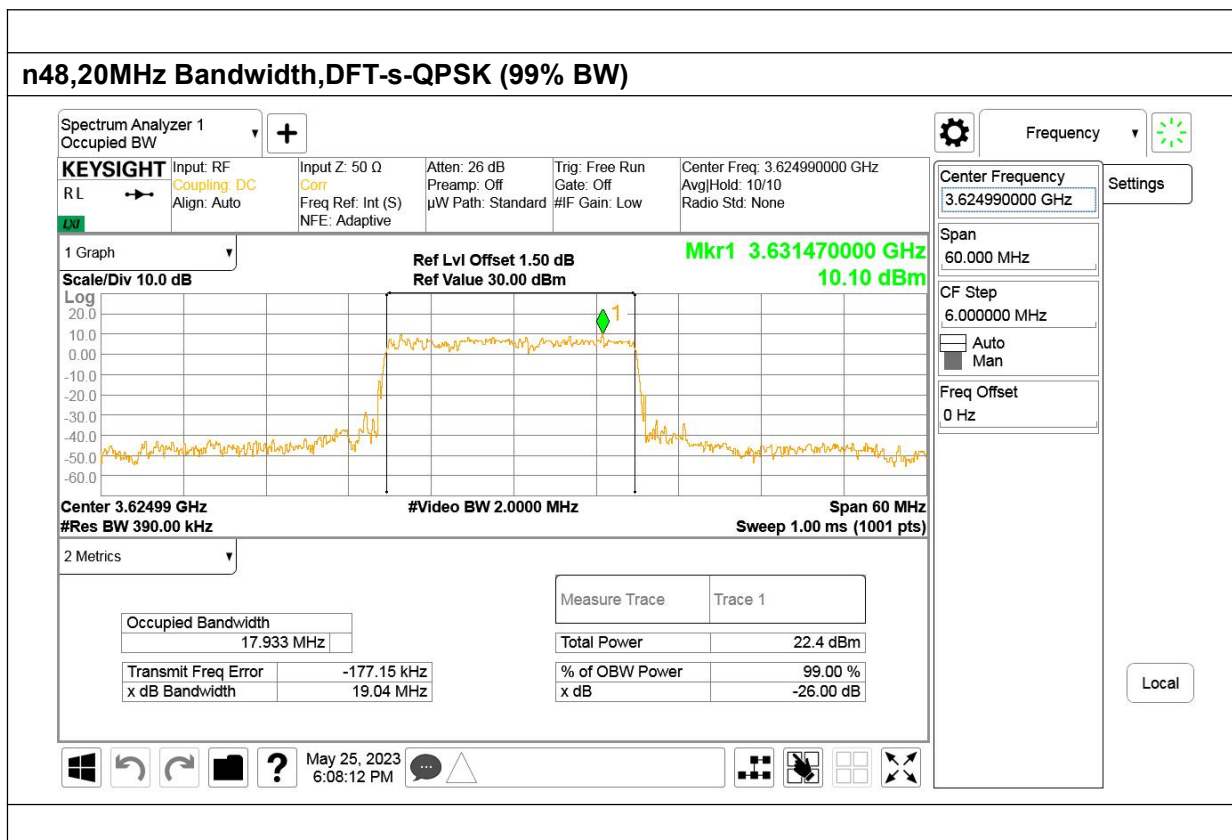
| Frequency (MHz) | Occupied Bandwidth (99%) (MHz) |            |
|-----------------|--------------------------------|------------|
|                 | DFT-s-pi/2 BPSK                | DFT-s-QPSK |
| 3624.99         | 17.982                         | 17.933     |

n48,20MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



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### n48,40MHz(99%)

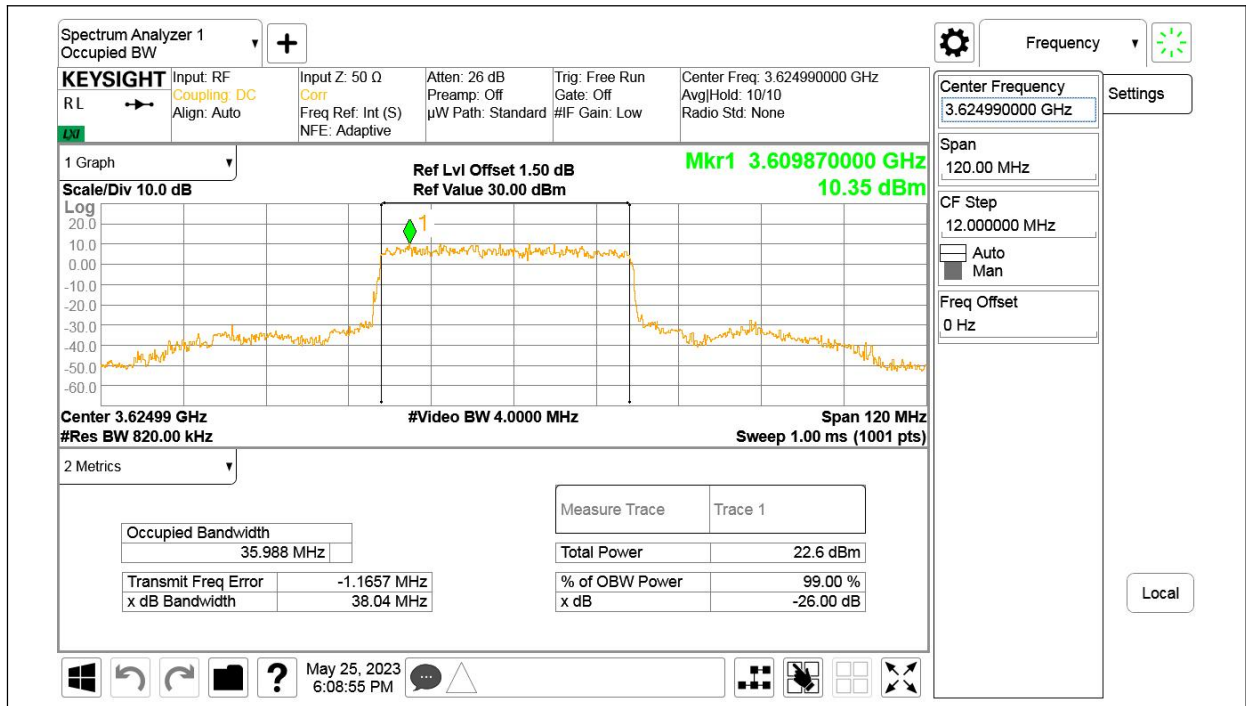
| Frequency (MHz) | Occupied Bandwidth (99%) (MHz) |            |
|-----------------|--------------------------------|------------|
|                 | DFT-s-pi/2 BPSK                | DFT-s-QPSK |
| 3624.99         | 35.988                         | 35.803     |

**n48,40MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)**

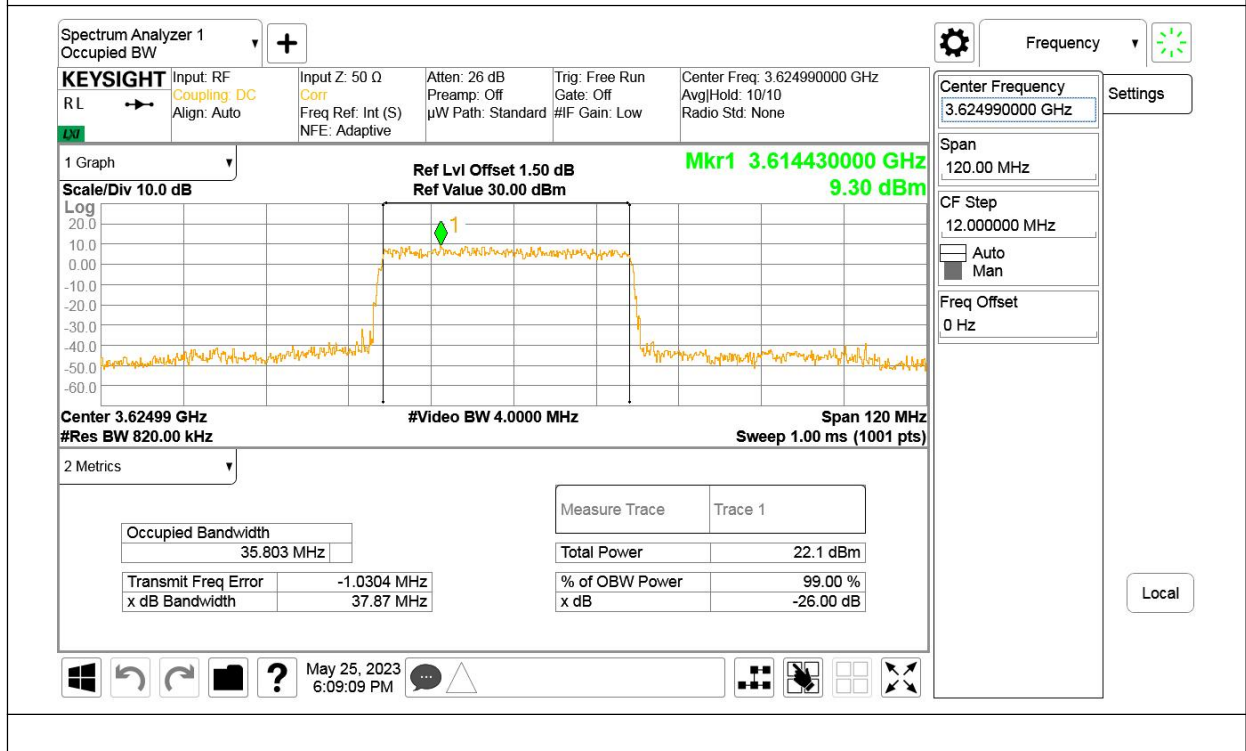
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### n48,40MHz Bandwidth,DFT-s-QPSK (99% BW)



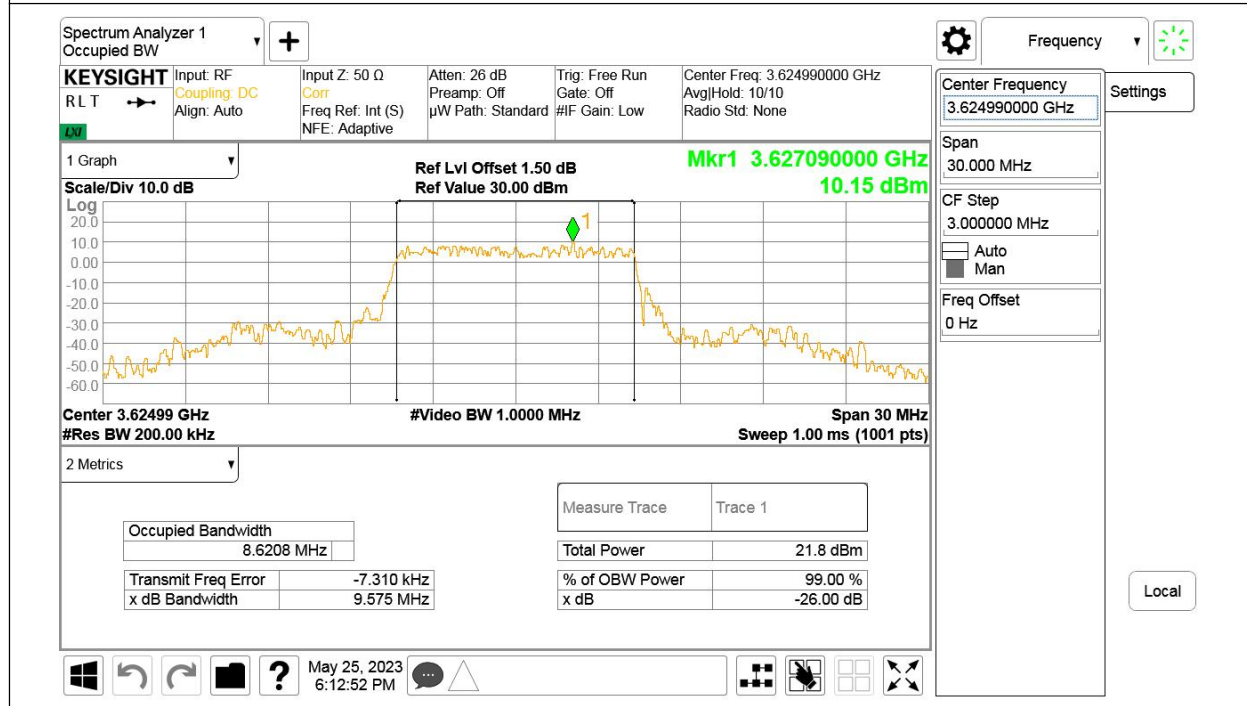
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### n48,10MHz(-26dBc)

| Frequency (MHz) | Emission Bandwidth (-26dBc) (MHz) |            |
|-----------------|-----------------------------------|------------|
|                 | DFT-s-pi/2 BPSK                   | DFT-s-QPSK |
| 3624.99         | 9.575                             | 9.737      |

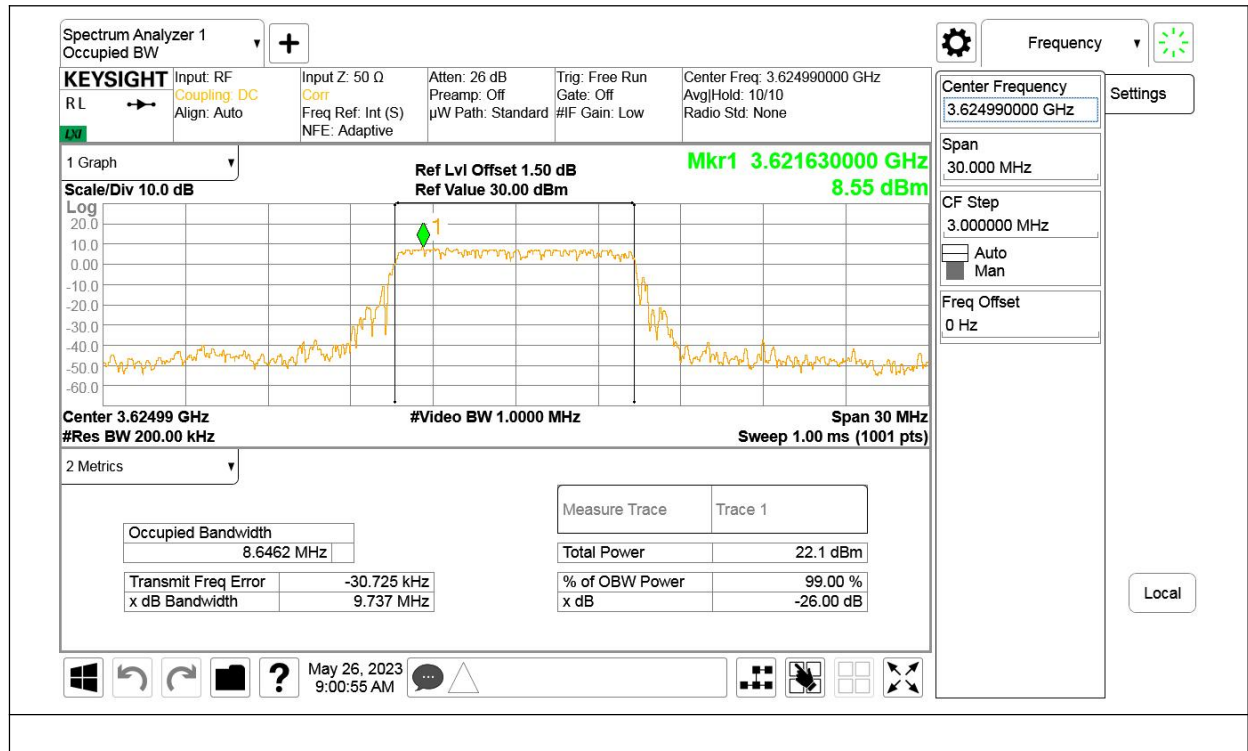
### n48,10MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



### n48,10MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

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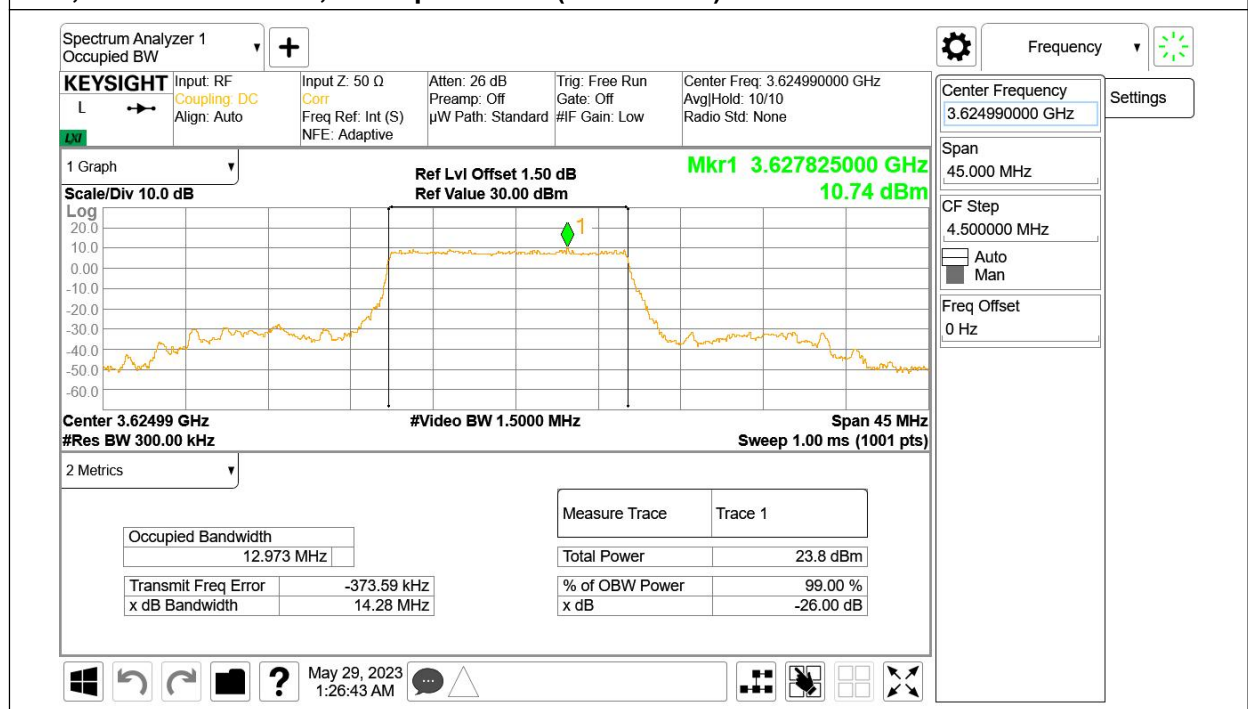
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### n48,15MHz(-26dBc)

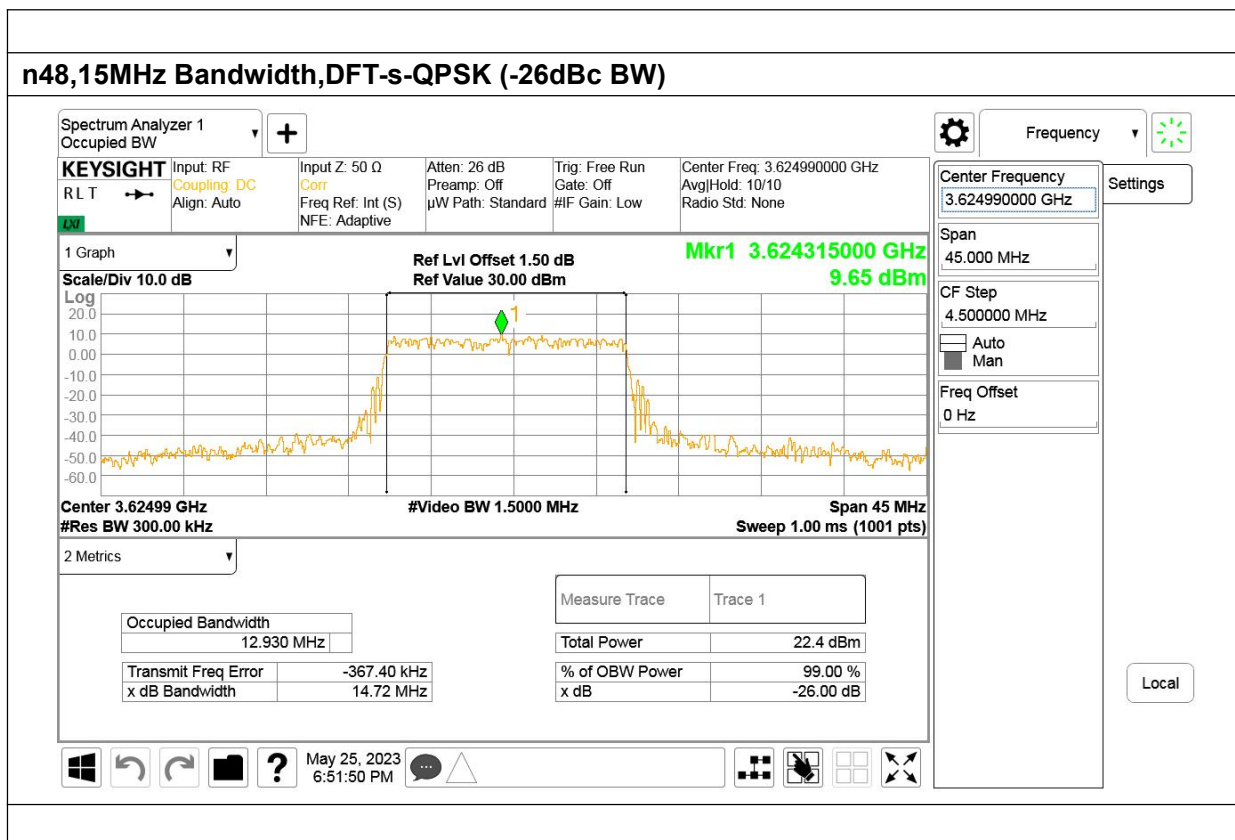
| Frequency (MHz) | Emission Bandwidth (-26dBc) (MHz) |            |
|-----------------|-----------------------------------|------------|
|                 | DFT-s-pi/2 BPSK                   | DFT-s-QPSK |
| 3624.99         | 14.277                            | 14.724     |

### n48,15MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



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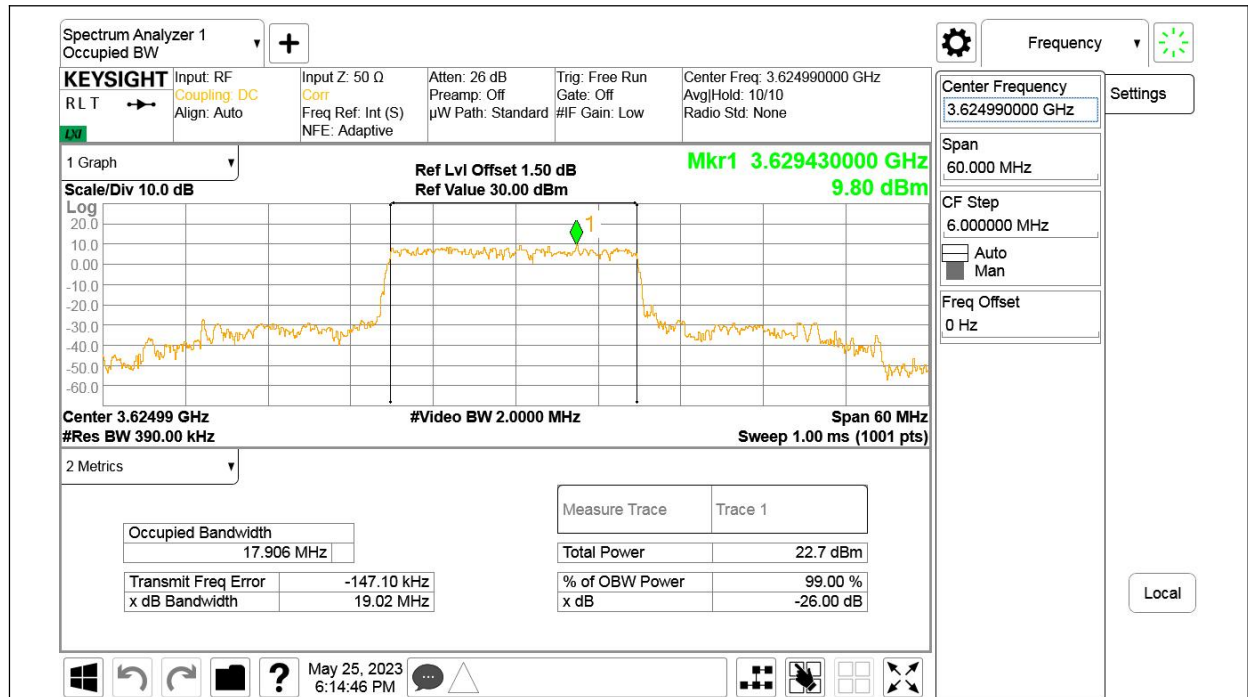
### n48,20MHz(-26dBc)

| Frequency (MHz) | Emission Bandwidth (-26dBc) (MHz) |            |
|-----------------|-----------------------------------|------------|
|                 | DFT-s-pi/2 BPSK                   | DFT-s-QPSK |
| 3624.99         | 19.021                            | 19.081     |

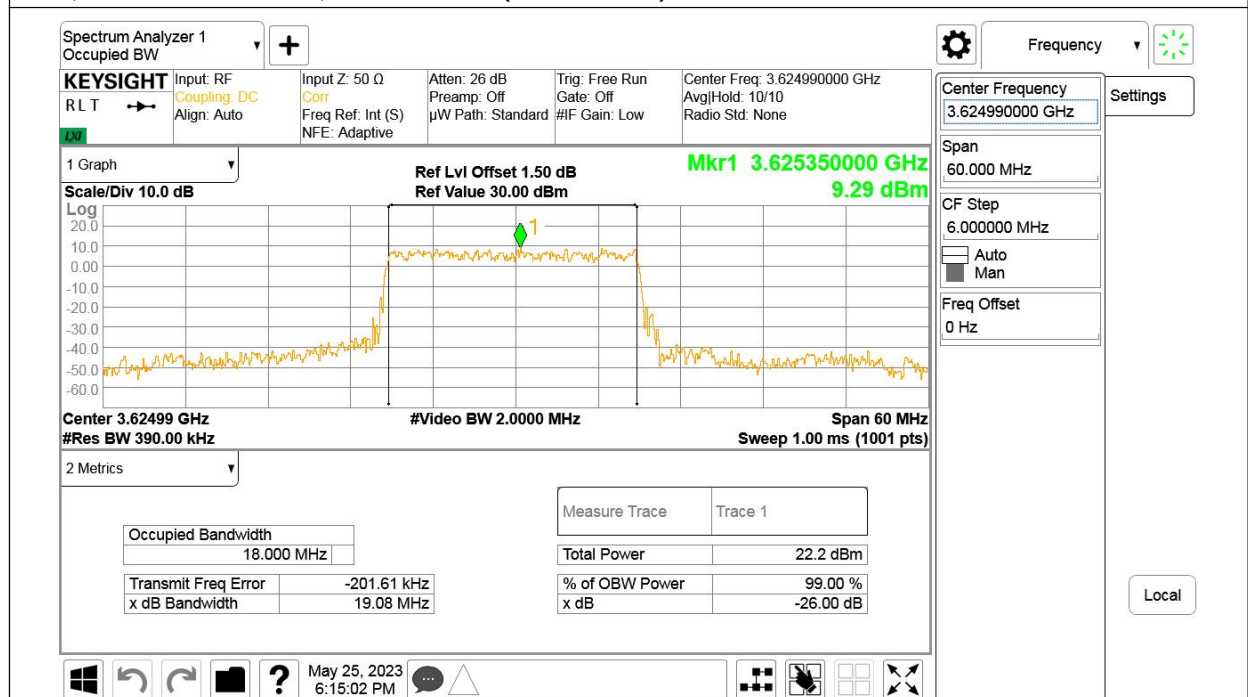
**n48,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)**

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### n48,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



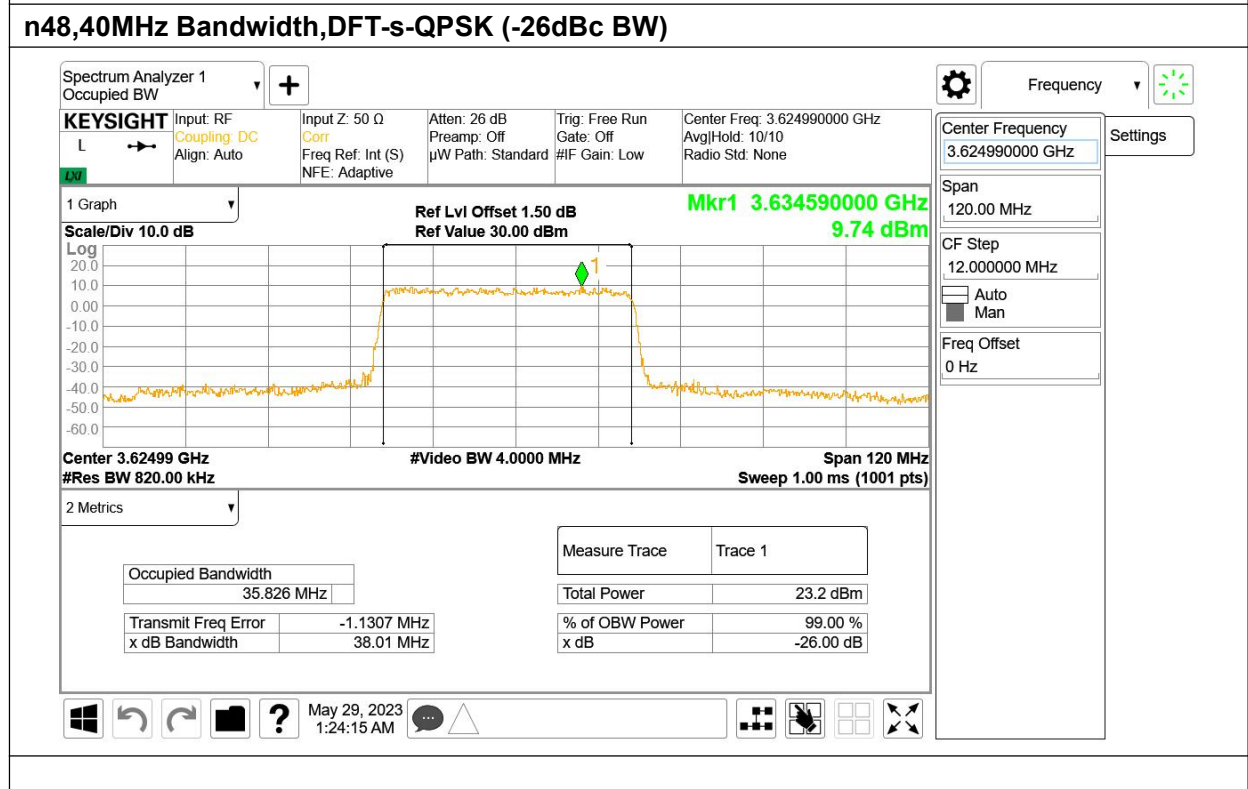
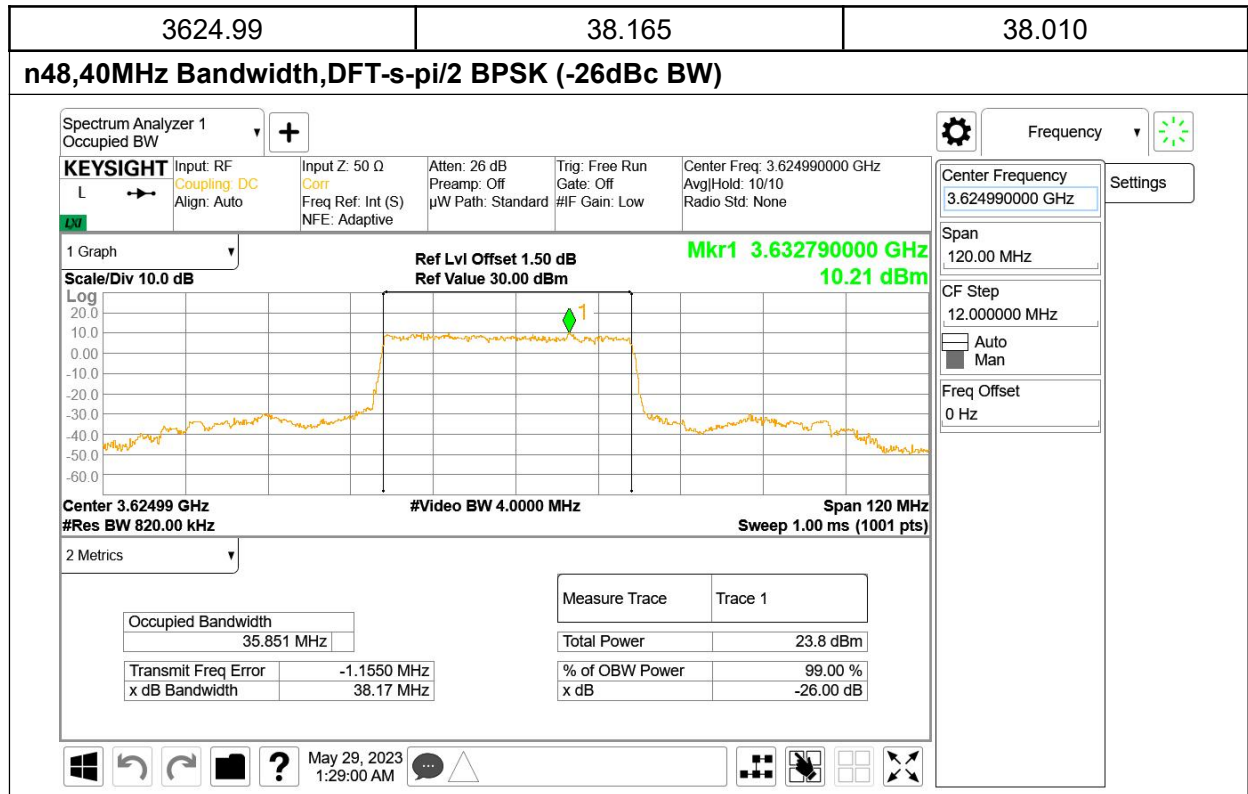
### n48,40MHz(-26dBc)

| Frequency (MHz) | Emission Bandwidth (-26dBc) (MHz) |            |
|-----------------|-----------------------------------|------------|
|                 | DFT-s-pi/2 BPSK                   | DFT-s-QPSK |

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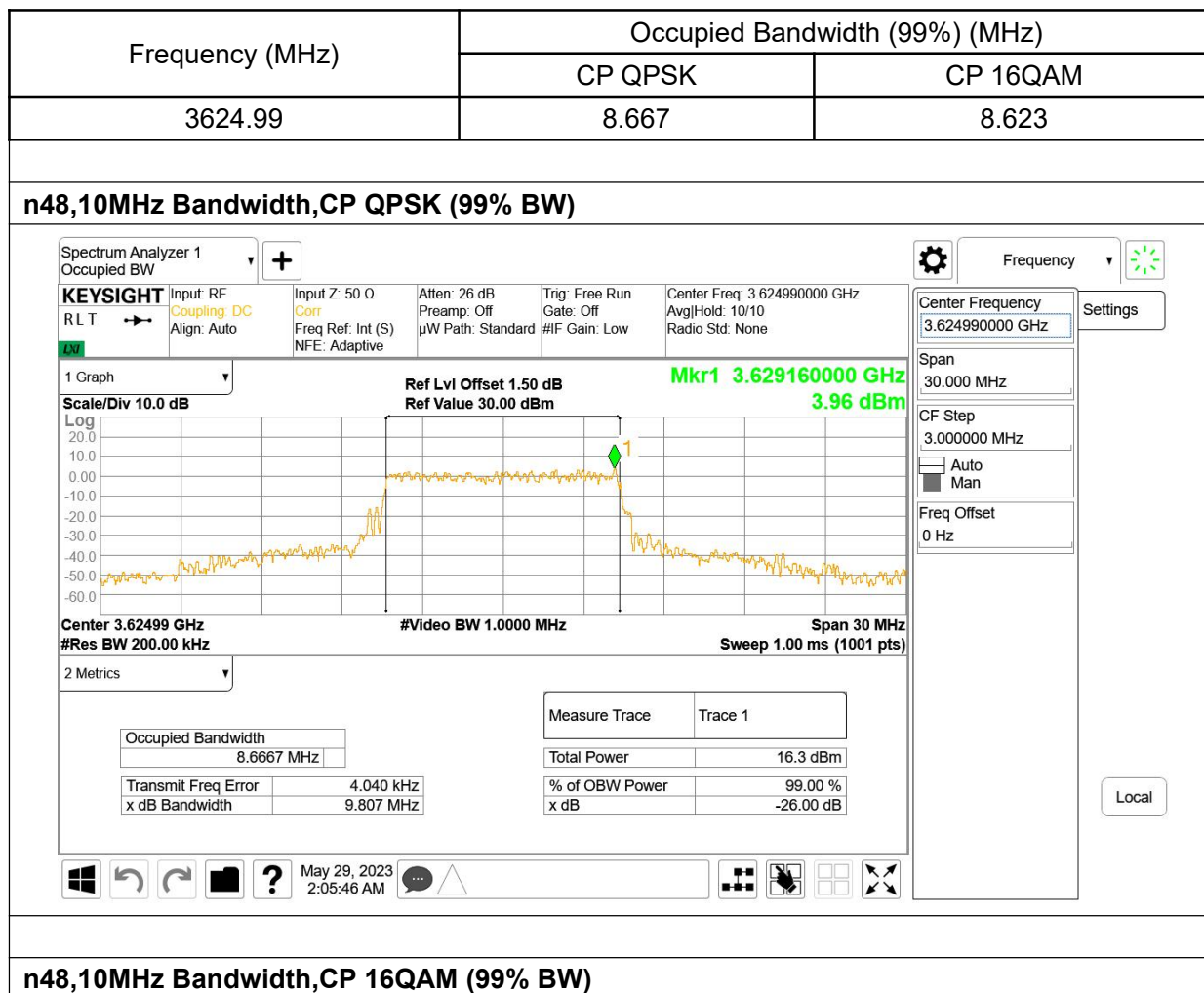




n48-MIMO,10MHz(99%)

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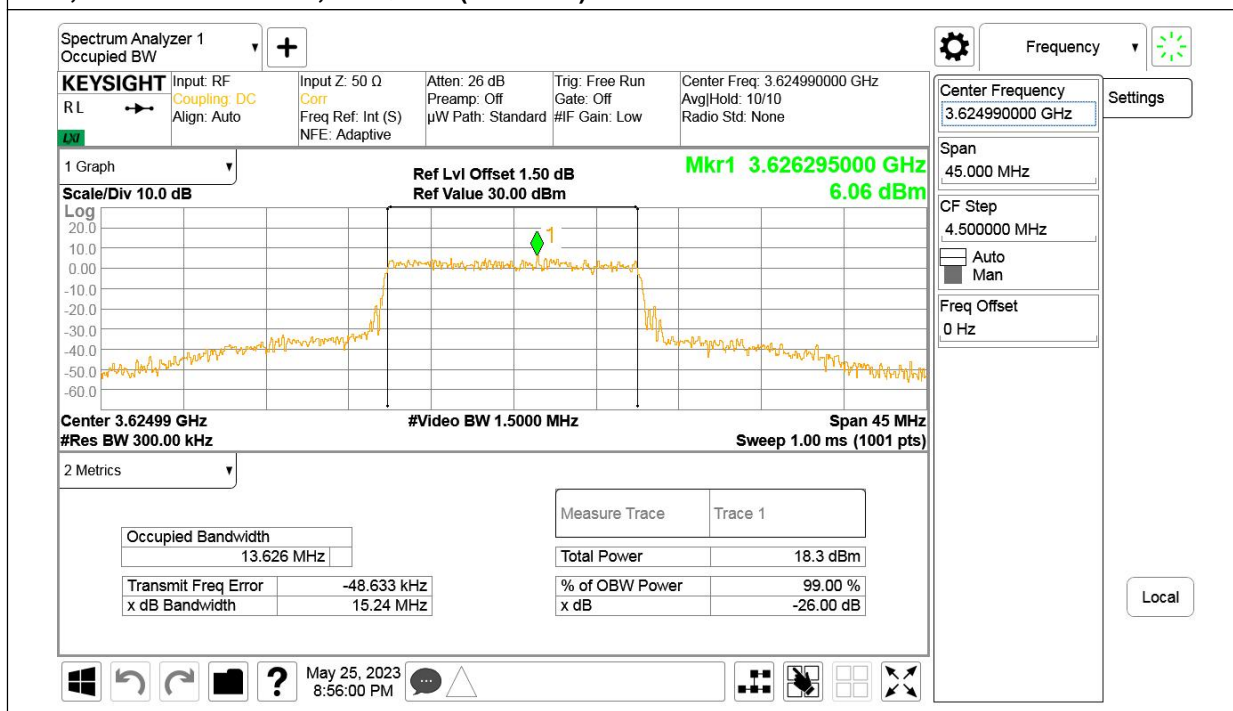




### n48-MIMO,15MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%) (MHz) |          |
|-----------------|--------------------------------|----------|
|                 | CP QPSK                        | CP 16QAM |
| 3624.99         | 13.626                         | 13.583   |

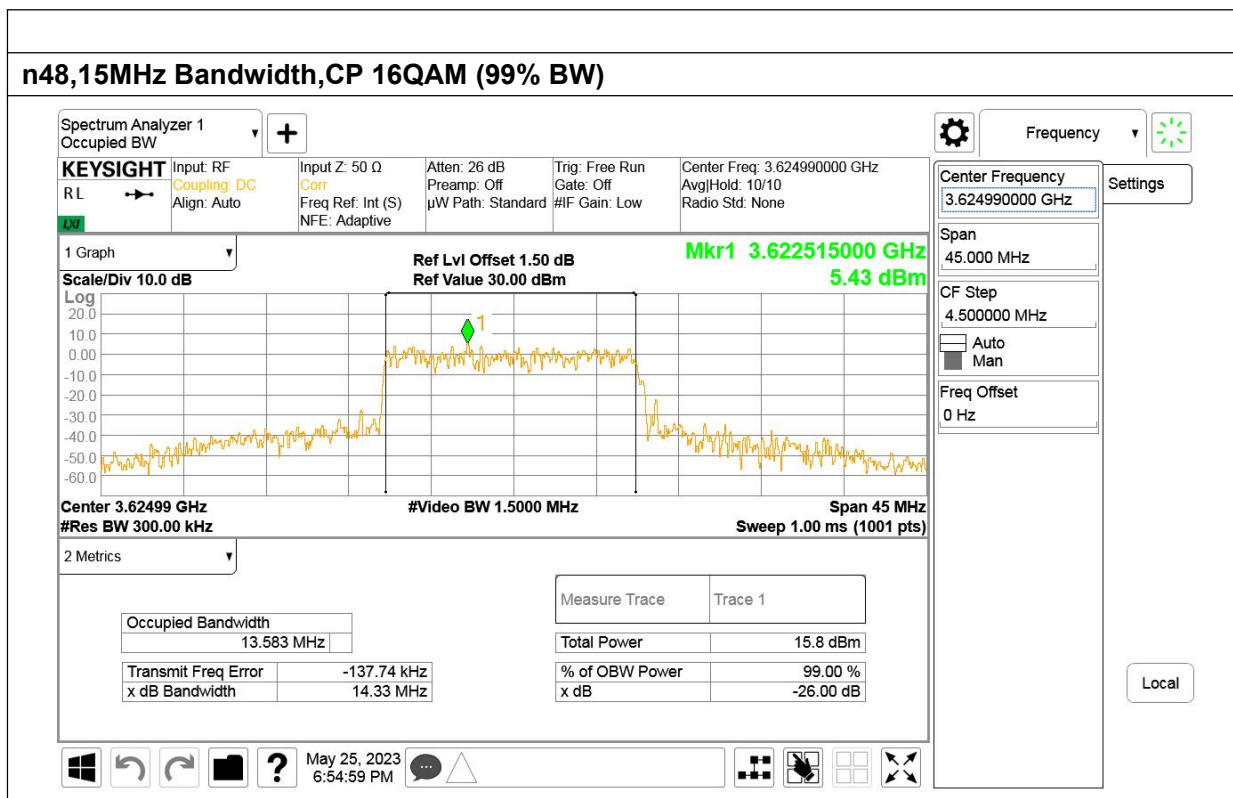
### n48,15MHz Bandwidth,CP QPSK (99% BW)



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### n48-MIMO,20MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%) (MHz) |          |
|-----------------|--------------------------------|----------|
|                 | CP QPSK                        | CP 16QAM |
| 3624.99         | 18.288                         | 18.323   |

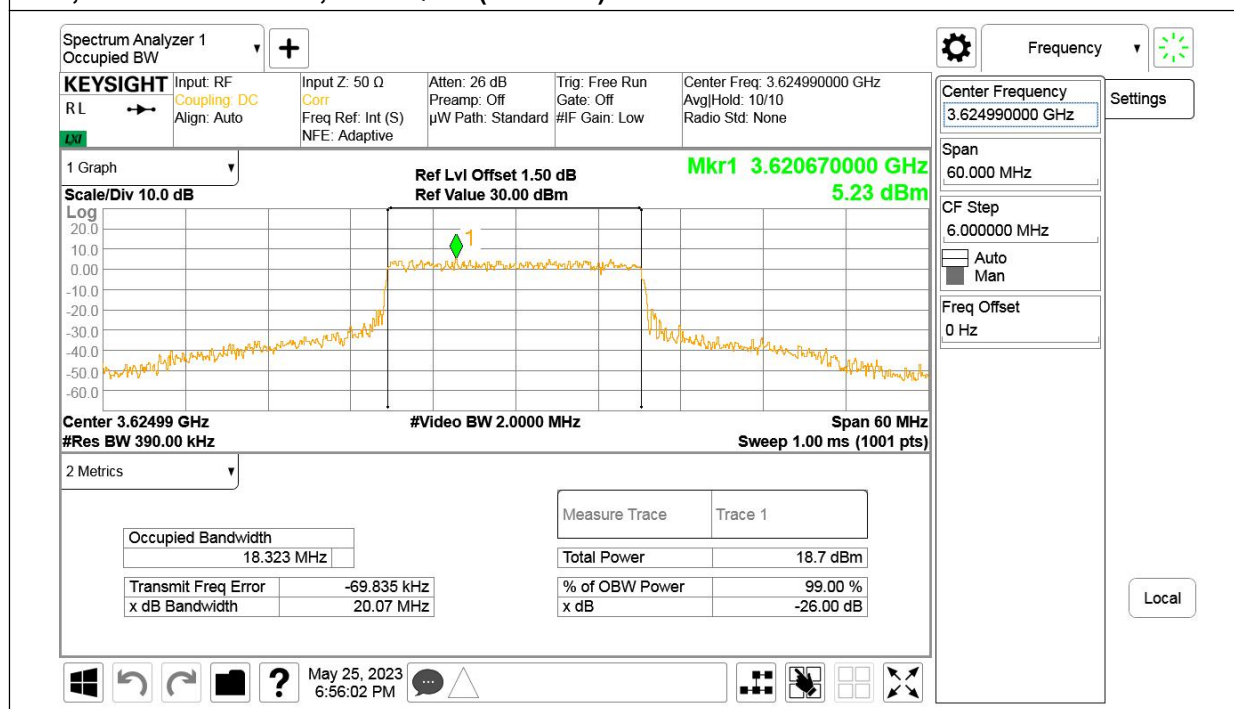
**n48,20MHz Bandwidth,CP QPSK (99% BW)**

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### n48,20MHz Bandwidth,CP 16QAM (99% BW)



### n48-MIMO,40MHz(99%)

| Frequency (MHz) | Occupied Bandwidth (99%) (MHz) |          |
|-----------------|--------------------------------|----------|
|                 | CP QPSK                        | CP 16QAM |
| 3624.99         | 37.844                         | 37.807   |

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### n48,40MHz Bandwidth,CP QPSK (99% BW)



### n48,40MHz Bandwidth,CP 16QAM (99% BW)



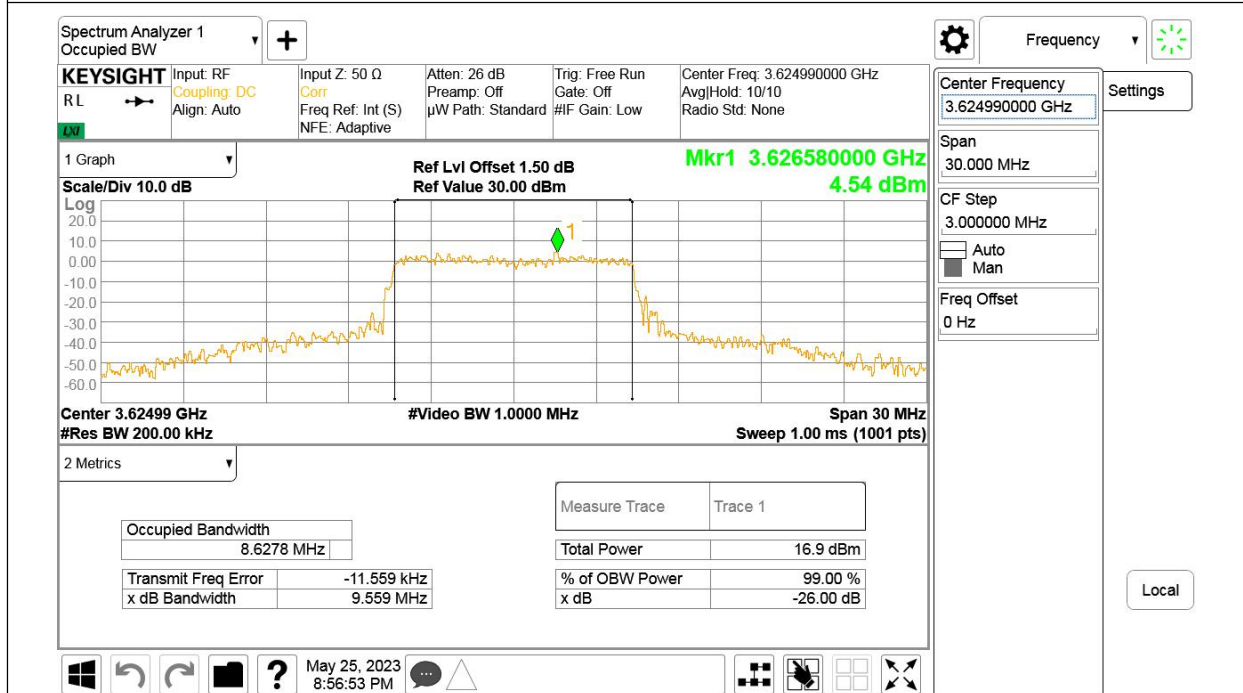
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### n48-MIMO,10MHz(-26dBc)

| Frequency (MHz) | Emission Bandwidth (-26dBc) (MHz) |          |
|-----------------|-----------------------------------|----------|
|                 | CP QPSK                           | CP 16QAM |
| 3624.99         | 9.559                             | 9.426    |

### n48,10MHz Bandwidth,CP QPSK (-26dBc BW)



### n48,10MHz Bandwidth,CP 16QAM (-26dBc BW)

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### n48-MIMO,15MHz(-26dBc)

| Frequency (MHz) | Emission Bandwidth (-26dBc) (MHz) |          |
|-----------------|-----------------------------------|----------|
|                 | CP QPSK                           | CP 16QAM |
| 3624.99         | 14.757                            | 14.629   |

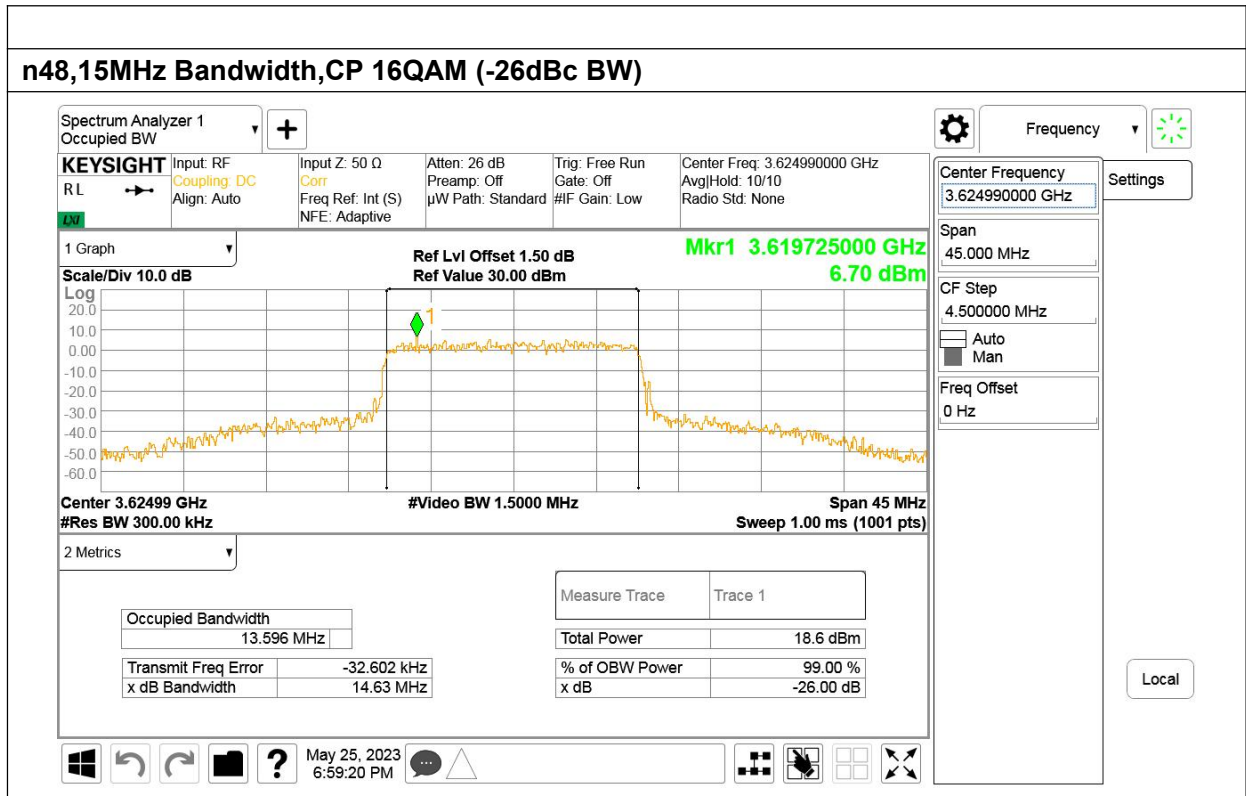
### n48,15MHz Bandwidth,CP QPSK (-26dBc BW)



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#### n48-MIMO,20MHz(-26dBc)

| Frequency (MHz) | Emission Bandwidth (-26dBc) (MHz) |          |
|-----------------|-----------------------------------|----------|
|                 | CP QPSK                           | CP 16QAM |
| 3624.99         | 19.344                            | 19.818   |

**n48,20MHz Bandwidth,CP QPSK (-26dBc BW)**

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