



# SAR TEST REPORT

Product Name: 5G Smart phone

Model Name: TANK3 PRO, TANK3, Titan P30000 Ultra 5G

FCC ID: 2BAVY-TANK3PRO

Issued For : Shenzhen OBLUE Communication Technology Co.,Ltd.

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Report Number: LGT24B027HA03

Sample Received Date: Feb. 22, 2024

Date of Test: Feb. 23, 2024 ~ Mar. 18, 2024

Date of Issue: Apr. 10, 2024

Head: 0.928 W/kg

Max. SAR (1g):

Body: 1.014 W/kg

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### Revision History

| Rev. | Issue Date    | Contents      |
|------|---------------|---------------|
| 00   | Apr. 10, 2024 | Initial Issue |
|      |               |               |



## TEST REPORT CERTIFICATION

**Applicant** Shenzhen OBLUE Communication Technology Co.,Ltd.  
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**Address** 41, Yonghe Road, Heping Community, Fuhai Street, Baoan  
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**Product Name** 5G Smart phone

**Trademark** 8849, Unihertz, iHunt

**Model Name** TANK3 PRO, TANK3, Titan P30000 Ultra 5G

**Sample number** LGT2402029-3

| APPLICABLE STANDARDS                                                       |              |
|----------------------------------------------------------------------------|--------------|
| STANDARD                                                                   | TEST RESULTS |
| ANSI/IEEE Std. C95.1-1992<br>FCC 47 CFR Part 2 (2.1093)<br>IEEE 1528: 2013 | PASS         |

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## 1. General Information

Environmental evaluation measurements of specific absorption rate (SAR) distributions in emulated human head and body tissues exposed to radio frequency (RF) radiation from wireless portable devices for compliance with the rules and regulations of the U.S. Federal Communications Commission (FCC).

### 1.1 EUT Description

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name            | 5G Smart phone                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Trademark               | 8849,Unihertz,iHunt                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Model Name              | TANK3 PRO                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Series Model            | TANK3, Titan P30000 Ultra 5G                                                                                                                                                                                                                                                                                                                                                                                                         |
| Model Difference        | Different brand and model name<br>TANK3 and Titan P30000 Ultra 5G support laser ranging, TANK3 PRO support projection                                                                                                                                                                                                                                                                                                                |
| Device Category         | Portable                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product stage           | Production unit                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RF Exposure Environment | General Population / Uncontrolled                                                                                                                                                                                                                                                                                                                                                                                                    |
| Hardware Version        | TANK3 PRO_20240216                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Software Version        | G91_V3.2                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Battery                 | Rated Voltage:7.74V<br>Capacity:10500mAh                                                                                                                                                                                                                                                                                                                                                                                             |
| Description test modes  | SIM 1 and SIM 2 is a chipset unit and tested as single chipset, SIM 1 is used to tested                                                                                                                                                                                                                                                                                                                                              |
| Modulation Type:        | GSM: GSM Voice<br>WCDMA: RMC, HSDPA, HSUPA Release 6<br>LTE: QPSK, 16QAM<br>5G NR: DFT-s-OFDM, CP-OFDM<br>( $\pi/2$ shift BPSK, QPSK, 16QAM, 64QAM, 256QAM)<br>2.4G WLAN: 802.11b(DSSS): CCK, DQPSK, DBPSK<br>802.11n/g(OFDM): BPSK, QPSK,16-QAM,64-QAM<br>5G WLAN: 802.11a/n(OFDM): BPSK, QPSK,16-QAM,64-QAM<br>802.11ac (OFDM): BPSK, QPSK,16-QAM,64-QAM,256-QAM<br>Bluetooth: GFSK + $\pi/4$ DQPSK+8DPSK<br>BLE: GFSK<br>NFC: FSK |
| Antenna Specification   | GSM/WCDMA/CDMA/LTE/NR: FPC Antenna<br>Bluetooth: FPC Antenna<br>WLAN: FPC Antenna<br>NFC: Coil Antenna                                                                                                                                                                                                                                                                                                                               |
| Operating Mode          | Maximum continuous output                                                                                                                                                                                                                                                                                                                                                                                                            |
| SIM Card                | Support dual-SIM, dual standby, the multiple SIM card with two lines cannot trans mitting at the same time                                                                                                                                                                                                                                                                                                                           |
| Hotspot Mode            | Support                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DTM Mode                | Not Support                                                                                                                                                                                                                                                                                                                                                                                                                          |



|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Range | <p>GSM 850: 824 ~ 849 MHz<br/>PCS 1900: 1850 ~ 1910 MHz<br/>WCDMA Band II: 1850 ~ 1910 MHz<br/>WCDMA Band IV: 1710 ~ 1755 MHz<br/>WCDMA Band V: 824 ~ 849 MHz<br/>CDMA&amp;EVDO:<br/>BC0: 824.70 MHz~ 848.31 MHz<br/>BC1: 1851.25 MHz~ 1908.75 MHz<br/>LTE Band 2: 1850 ~ 1910 MHz<br/>LTE Band 4: 1710 ~ 1755 MHz<br/>LTE Band 5: 824 ~ 849 MHz<br/>LTE Band 7: 2500 ~ 2570 MHz<br/>LTE Band 12: 699 ~ 716 MHz<br/>LTE Band 13: 777 ~ 787 MHz<br/>LTE Band 17: 704 ~ 716 MHz<br/>LTE Band 25: 1850 ~ 1915 MHz<br/>LTE Band 26: 814 ~ 824 MHz / 824 ~ 849 MHz<br/>LTE Band 38: 2570 ~ 2620 MHz<br/>LTE Band 40: 2305 ~ 2315 MHz / 2350 ~ 2360 MHz<br/>LTE Band 41: 2496 ~ 2690 MHz<br/>LTE Band 66: 1710 ~ 1780 MHz<br/>NR N2: 1850 MHz ~ 1910 MHz<br/>NR N5: 824 MHz ~ 849 MHz<br/>NR N7: 2500 MHz ~ 2570 MHz<br/>NR N25: 1850 MHz ~ 1915 MHz<br/>NR N38: 2570 MHz ~ 2620 MHz<br/>NR N41: 2496 MHz ~ 2690 MHz<br/>NR N77: 3450 MHz ~ 3550 MHz, 3700 MHz ~ 3980 MHz<br/>NSA: B5+N41<br/>WLAN 802.11b/g/n20: 2412 MHz ~ 2462 MHz<br/>WLAN 802.11n40: 2422 MHz ~ 2452 MHz<br/>WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5150 ~ 5250 MHz<br/>WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5250 ~ 5350 MHz<br/>WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5470 ~ 5725 MHz<br/>WLAN 802.11a/n20/n40/ac20/ac40/ac80: 5725 ~ 5850 MHz<br/>Bluetooth: 2402 ~ 2480 MHz<br/>NFC: 13.56 MHz</p> |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



| Max. Reported SAR(1g):<br>(Limit:1.6W/kg)<br>Test distance:<br>Head:0mm<br>Body:10mm                                                                                                                                                                                                                                                                                                                                                                                                                                 | Mode                       | Head (W/ kg) | Body Worn and Hotspot (W/ kg) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------|-------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | GSM 850                    | 0.188        | 0.449                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PCS 1900                   | 0.101        | 0.724                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | WCDMA Band II              | 0.117        | 0.743                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | WCDMA Band IV              | 0.079        | 0.450                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | WCDMA Band V               | 0.168        | 0.296                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CDMA BC0                   | 0.059        | 0.213                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CDMA BC1                   | 0.053        | 0.457                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTE Band 2                 | 0.108        | 0.706                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTE Band 4                 | 0.047        | 0.439                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTE Band 5                 | 0.193        | 0.308                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTE Band 7                 | 0.076        | 0.620                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTE Band 12                | 0.094        | 0.068                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTE Band 13                | 0.152        | 0.163                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTE Band 17                | 0.086        | 0.072                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTE Band 25                | 0.171        | 0.682                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTE Band 26                | 0.138        | 0.214                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTE Band 38                | 0.083        | 0.588                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTE Band 40                | 0.050        | 0.503                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTE Band 41                | 0.090        | 0.507                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTE Band 66                | 0.064        | 0.388                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.4G WLAN ANT 1            | 0.144        | 0.100                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.4G WLAN ANT 2            | 0.327        | 0.248                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.4G WLAN MIMO             | 0.304        | 0.286                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.2G WLAN ANT 1            | 0.177        | 0.155                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.2G WLAN ANT 2            | 0.668        | 0.165                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.2G WLAN MIMO             | 0.695        | 0.632                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.3G WLAN ANT 1            | 0.167        | 0.178                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.3G WLAN ANT 2            | 0.517        | 0.113                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.3G WLAN MIMO             | 0.614        | 0.501                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.6G WLAN ANT 1            | 0.342        | 0.172                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.6G WLAN ANT 2            | 0.514        | 0.139                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.6G WLAN MIMO             | 0.800        | 0.452                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.8G WLAN ANT 1            | 0.206        | 0.243                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.8G WLAN ANT 2            | 0.654        | 0.241                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.8G WLAN MIMO             | 0.928        | 0.561                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Bluetooth <sup>NOTE4</sup> | 0.073        | 0.073                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NR SA N2                   | 0.117        | 0.688                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NR SA N5                   | 0.181        | 0.334                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NR SA N7                   | 0.197        | 0.576                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NR SA N25                  | 0.079        | 0.754                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NR SA N38                  | 0.357        | 1.014                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NR SA N41                  | 0.312        | 0.677                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NR SA N77                  | 0.221        | 0.220                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NSA N41+B5                 | 0.505        | 0.713                         |
| 1-g Sum SAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                            | 1.433        | 1.575                         |
| Note:<br>1. The dual SIM card mobile has 2 SIM slots and supports dual SIM dual standby. The WWAN radio transmission will be enabled by either one SIM at a time (Single active)<br>2. After pre-scan two SIM cards power, we found test result of the SIM1 was the worse, so we chose SIM1 card to perform all tests.<br>3. The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power<br>4. The BT, 5.2G WLAN, 5.3G WLAN, 5.6G WLAN, 5.8G WLAN value was Estimated. |                            |              |                               |



EN-DC SAR test summary:

| Band       | Mode   | Head Max SAR | Head Test sum | Body Max SAR | Body Test sum |
|------------|--------|--------------|---------------|--------------|---------------|
|            |        | (W/Kg)       |               | (W/Kg)       |               |
| NSA N41+B5 | SA N41 | 0.312        | 0.505         | 0.677        | 0.713         |
|            | LTE B5 | 0.193        |               | 0.036        |               |





## 1.2 Test Environment

Ambient conditions in the SAR laboratory:

| Items            | Required |
|------------------|----------|
| Temperature (°C) | 18-25    |
| Humidity (%RH)   | 30-70    |

## 1.3 Test Factory

|                           |                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Company Name:             | Shenzhen LGT Test Service Co., Ltd.                                                                                                                      |
| Address:                  | Room 205, Building 13, Zone B, Zhenxiong Industrial Park, No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan District, Shenzhen, Guangdong, China |
| Accreditation Certificate | FCC Registration No.: 746540                                                                                                                             |
|                           | A2LA Certificate No.: 6727.01                                                                                                                            |
|                           | IC Registration No.: CN0136                                                                                                                              |



## 2. Test Standards and Limits

| No. | Identity                            | Document Title                                                                                                                                                              |
|-----|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 47 CFR Part 2                       | Frequency Allocations and Radio Treaty Matters; General Rules and Regulations                                                                                               |
| 2   | ANSI/IEEE Std. C95.1-1992           | IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz                                                  |
| 3   | IEEE Std. 1528-2013                 | Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques |
| 4   | FCC KDB 447498 D01 v06              | Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies                                                                                      |
| 5   | FCC KDB 865664 D01 v01r04           | SAR Measurement 100 MHz to 6 GHz                                                                                                                                            |
| 6   | FCC KDB 865664 D02 v01r02           | RF Exposure Reporting                                                                                                                                                       |
| 7   | FCC KDB 941225 D01 v03r01           | SAR Measurement Procedures for 3G Devices                                                                                                                                   |
| 8   | FCC KDB 941225 D05 v02r05           | SAR for LTE Devices                                                                                                                                                         |
| 9   | FCC KDB 941225 D06 v02r01           | Hotspot Mode SAR                                                                                                                                                            |
| 10  | FCC KDB 648474 D04 v01r03           | SAR Evaluation Considerations for Wireless Handsets                                                                                                                         |
| 11  | FCC KDB 248227 D01 Wi-Fi SAR v02r02 | SAR Considerations for 802.11 Devices                                                                                                                                       |

### (A). Limits for Occupational/Controlled Exposure (W/kg)

Whole-Body    Partial-Body    Hands, Wrists, Feet and Ankles

0.4                      8.0                      20.0

### (B). Limits for General Population/Uncontrolled Exposure (W/kg)

Whole-Body    Partial-Body    Hands, Wrists, Feet and Ankles

0.08                      1.6                      4.0

NOTE: Whole-Body SAR is averaged over the entire body, partial-body SAR is averaged over any 1 gram of tissue defined as a tissue volume in the shape of a cube. SAR for hands, wrists, feet and ankles is averaged over any 10 grams of tissue defined as a tissue volume in the shape of a cube.

#### **Population/Uncontrolled Environments:**

Are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

#### **Occupational/Controlled Environments:**

Are defined as locations where there is exposure that may be incurred by people who are aware of the potential for exposure, (i.e. as a result of employment or occupation).

|                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p style="text-align: center;"><b>NOTE</b></p> <p style="text-align: center;"><b>GENERAL POPULATION/UNCONTROLLED EXPOSURE</b></p> <p style="text-align: center;"><b>PARTIAL BODY LIMIT</b></p> <p style="text-align: center;"><b>1.6 W/kg</b></p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



### 3. SAR Measurement System

#### 3.1 Definition of Specific Absorption Rate (SAR)

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). The equation description is as below:

$$SAR = \frac{d}{dt} \left( \frac{dW}{dm} \right) = \frac{d}{dt} \left( \frac{dW}{\rho dv} \right)$$

SAR is expressed in units of Watts per kilogram (W/kg) SAR measurement can be related to the electrical field in the tissue by

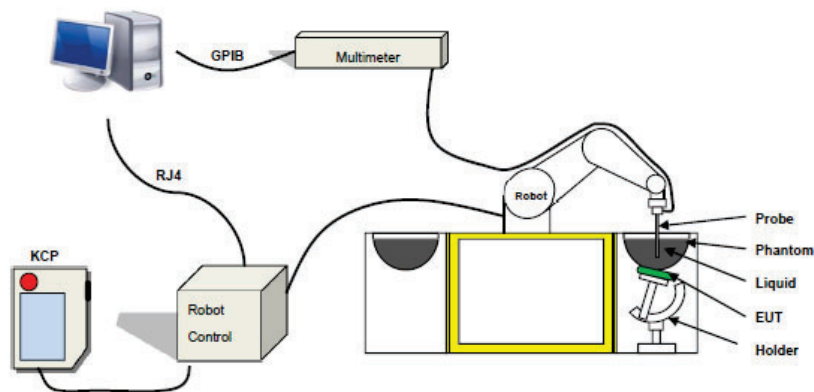
$$SAR = \frac{\sigma E^2}{\rho}$$

Where: σ is the conductivity of the tissue;

ρ is the mass density of the tissue and E is the RMS electrical field strength.

#### 3.2 SAR System

MVG SAR System Diagram:



COMOSAR is a system that is able to determine the SAR distribution inside a phantom of human being according to different standards. The COMOSAR system consists of the following items:

- Main computer to control all the system
- 6 axis robot
- Data acquisition system
- Miniature E-field probe
- Phone holder
- Head simulating tissue



The following figure shows the system.



The EUT under test operating at the maximum power level is placed in the phone holder, under the phantom, which is filled with head simulating liquid. The E-Field probe measures the electric field inside the phantom. The OpenSAR software computes the results to give a SAR value in a 1g or 1g mass.

### 3.2.1 Probe

For the measurements the Specific Dosimetric E-Field Probe SN 04/22 EPGO364 with following specifications is used

- Probe Length: 330 mm
- Length of Individual Dipoles: 2mm
- Maximum external diameter: 8 mm
- Probe Tip External Diameter: 2.5 mm
- Distance between dipole/probe extremity: 1 mm
- Dynamic range: 0.01-100 W/kg
- Probe linearity: 3%
- Axial Isotropy: < 0.10 dB
- Spherical Isotropy: < 0.10 dB
- Calibration range: 600 MHz to 6 GHz for head & body simulating liquid.
- Angle between probe axis (evaluation axis) and surface normal line: less than 30°



Figure 1-MVG COMOSAR Dosimetric E field Probe



### 3.2.2 Phantom

For the measurements the Specific Anthropomorphic Mannequin (SAM) defined by the IEEE SCC-34/SC2 group is used. The phantom is a polyurethane shell integrated in a wooden table. The thickness of the phantom amounts to 2mm +/- 0.2mm. It enables the dosimetric evaluation of left and right phone usage and includes an additional flat phantom part for the simplified performance check. The phantom set-up includes a cover, which prevents the evaporation of the liquid.

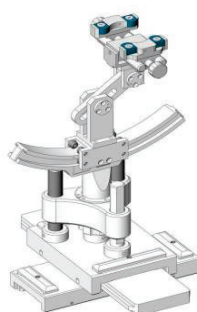


Figure-SN 06/22 SAM 148



Figure-SN 06/22 ELLI 51

### 3.2.3 Device Holder



The SAR in the phantom is approximately inversely proportional to the square of the distance between the source and the liquid surface. For a source at 5 mm distance, a positioning uncertainty of  $\pm 0.5$  mm would produce a SAR uncertainty of  $\pm 20$  %. Accurate device positioning is therefore crucial for accurate and repeatable measurements. The positions in which the devices must be measured are defined by the standards.



## 4. Tissue Simulating Liquids

### 4.1 Simulating Liquids Parameter Check

The simulating liquids should be checked at the beginning of a series of SAR measurements to determine if the dielectric parameters are within the tolerances of the specified target values

The uncertainty due to the liquid conductivity and permittivity arises from two different sources. The first source of error is the deviation of the liquid conductivity from its target value (max \_ 5 %) and the second source of error arises from the measurement procedures used to assess conductivity. The uncertainty shall be assessed using a rectangular probability For 1 g averaging, the maximum weighting coefficient for SAR is 0,5.

#### IEEE SCC-34/SC-2 RECOMMENDED TISSUE DIELECTRIC PARAMETERS

The head and body tissue dielectric parameters recommended by the IEEE SCC-34/SC-2 have been incorporated in the following table.

| Frequency    | $\epsilon_r$ | $\sigma$ 10g<br>S/m |
|--------------|--------------|---------------------|
| 300          | 45.3         | 0.87                |
| 450          | 43.5         | 0.87                |
| 750          | 41.9         | 0.89                |
| 835          | 41.5         | 0.90                |
| 900          | 41.5         | 0.97                |
| 1450         | 40.5         | 1.20                |
| 1800 to 2000 | 40.0         | 1.40                |
| 2100         | 39.8         | 1.49                |
| 2450         | 39.2         | 1.80                |
| 2600         | 39.0         | 1.96                |
| 3000         | 38.5         | 2.40                |
| 3500         | 37.9         | 2.91                |
| 4000         | 37.4         | 3.43                |
| 4500         | 36.8         | 3.94                |
| 5000         | 36.2         | 4.45                |
| 5200         | 36.0         | 4.66                |
| 5400         | 35.8         | 4.86                |
| 5600         | 35.5         | 5.07                |
| 5800         | 35.3         | 5.27                |



## LIQUID MEASUREMENT RESULTS

| Date       | Ambient    |            | Simulating Liquid |            | Parameters   | Target | Measured | Deviation % | Limited % |
|------------|------------|------------|-------------------|------------|--------------|--------|----------|-------------|-----------|
|            | Temp. [°C] | Humidity % | Frequency (MHz)   | Temp. [°C] |              |        |          |             |           |
| 2024-02-27 | 21.3       | 49         | 750               | 21         | Permittivity | 41.90  | 42.46    | 1.34        | ±5        |
|            |            |            |                   |            | Conductivity | 0.89   | 0.88     | -1.12       | ±5        |
| 2024-03-16 | 22.6       | 55         | 835               | 22.4       | Permittivity | 41.50  | 41.83    | 0.80        | ±5        |
|            |            |            |                   |            | Conductivity | 0.90   | 0.92     | 2.22        | ±5        |
| 2024-03-14 | 21.8       | 44         | 835               | 21.6       | Permittivity | 41.50  | 41.12    | -0.92       | ±5        |
|            |            |            |                   |            | Conductivity | 0.90   | 0.93     | 3.33        | ±5        |
| 2024-02-25 | 21.9       | 41         | 1800              | 21.7       | Permittivity | 40.00  | 40.98    | 2.45        | ±5        |
|            |            |            |                   |            | Conductivity | 1.40   | 1.38     | -1.43       | ±5        |
| 2024-02-26 | 22         | 56         | 1900              | 21.7       | Permittivity | 40.00  | 41.12    | 2.80        | ±5        |
|            |            |            |                   |            | Conductivity | 1.40   | 1.41     | 0.71        | ±5        |
| 2024-02-23 | 20.8       | 50         | 1900              | 20.6       | Permittivity | 40.00  | 40.36    | 0.90        | ±5        |
|            |            |            |                   |            | Conductivity | 1.40   | 1.38     | -1.43       | ±5        |
| 2024-03-19 | 21.7       | 52         | 2300              | 21.4       | Permittivity | 39.47  | 40.45    | 2.49        | ±5        |
|            |            |            |                   |            | Conductivity | 1.67   | 1.69     | 1.40        | ±5        |
| 2024-02-24 | 23.5       | 59         | 2450              | 23.2       | Permittivity | 39.20  | 39.52    | 0.82        | ±5        |
|            |            |            |                   |            | Conductivity | 1.80   | 1.82     | 1.11        | ±5        |
| 2024-03-15 | 23.9       | 44         | 2600              | 23.6       | Permittivity | 39.00  | 39.78    | 2.00        | ±5        |
|            |            |            |                   |            | Conductivity | 1.96   | 1.93     | -1.53       | ±5        |
| 2024-02-28 | 23         | 60         | 2600              | 22.6       | Permittivity | 39.00  | 39.39    | 1.00        | ±5        |
|            |            |            |                   |            | Conductivity | 1.96   | 1.95     | -0.51       | ±5        |
| 2024-03-18 | 23         | 52         | 2600              | 22.7       | Permittivity | 39.00  | 39.77    | 1.97        | ±5        |
|            |            |            |                   |            | Conductivity | 1.96   | 1.98     | 1.02        | ±5        |
| 2024-03-17 | 22.9       | 59         | 3500              | 22.6       | Permittivity | 37.90  | 38.46    | 1.48        | ±5        |
|            |            |            |                   |            | Conductivity | 2.91   | 2.92     | 0.34        | ±5        |
| 2024-03-02 | 21         | 43         | 5200              | 20.7       | Permittivity | 36.00  | 36.38    | 1.06        | ±5        |
|            |            |            |                   |            | Conductivity | 4.66   | 4.65     | -0.21       | ±5        |
| 2023-03-23 | 22.8       | 60         | 5200              | 22.4       | Permittivity | 36.00  | 37.29    | 3.58        | ±5        |
|            |            |            |                   |            | Conductivity | 4.66   | 4.68     | 0.43        | ±5        |
| 2024-03-21 | 21.8       | 58         | 5400              | 21.6       | Permittivity | 35.80  | 37.02    | 3.41        | ±5        |
|            |            |            |                   |            | Conductivity | 4.86   | 4.75     | -2.26       | ±5        |
| 2024-03-23 | 22.8       | 60         | 5400              | 22.6       | Permittivity | 35.90  | 36.43    | 1.48        | ±5        |
|            |            |            |                   |            | Conductivity | 4.76   | 4.75     | -0.21       | ±5        |
| 2024-03-20 | 21.1       | 41         | 5600              | 20.8       | Permittivity | 35.55  | 36.24    | 1.94        | ±5        |
|            |            |            |                   |            | Conductivity | 5.07   | 5.06     | -0.10       | ±5        |
| 2024-03-24 | 21         | 50         | 5600              | 20.7       | Permittivity | 35.55  | 36.70    | 3.23        | ±5        |
|            |            |            |                   |            | Conductivity | 5.07   | 5.10     | 0.69        | ±5        |
| 2024-03-22 | 21.4       | 45         | 5800              | 21         | Permittivity | 35.30  | 36.27    | 2.75        | ±5        |
|            |            |            |                   |            | Conductivity | 5.27   | 5.24     | -0.57       | ±5        |
| 2024-03-24 | 21.1       | 50         | 5800              | 20.8       | Permittivity | 35.30  | 36.46    | 3.29        | ±5        |
|            |            |            |                   |            | Conductivity | 5.27   | 5.32     | 0.95        | ±5        |

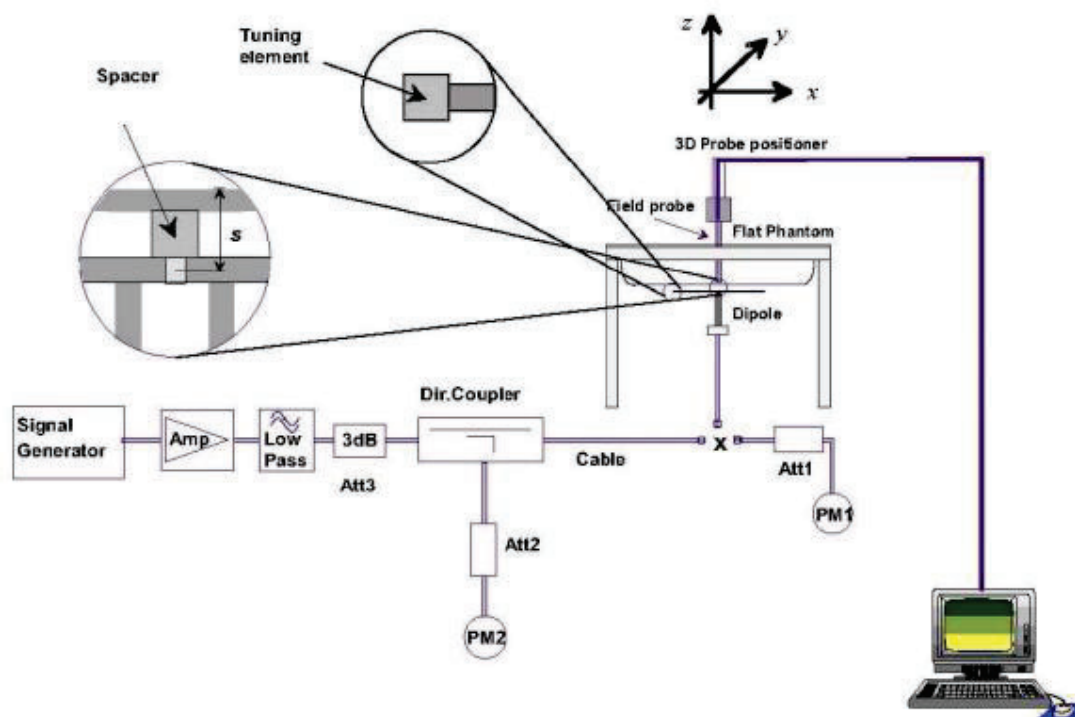


## 5. SAR System Validation

### 5.1 Validation System

Each MVG system is equipped with one or more system validation kits. These units, together with the predefined measurement procedures within the MVG software, enable the user to conduct the system performance check and system validation. System kit includes a dipole, and dipole device holder.

The system check verifies that the system operates within its specifications. It's performed daily or before every SAR measurement. The system check uses normal SAR measurement in the flat section of the phantom with a matched dipole at a specified distance. The system validation setup is shown as below.







## 5.2 Validation Result

Comparing to the original SAR value provided by MVG, the validation data should be within its specification of  $\pm 10\%$ .

| Date       | Freq. | Power | Tested Value | Normalized SAR | Target SAR | Tolerance | Limit |
|------------|-------|-------|--------------|----------------|------------|-----------|-------|
|            | (MHz) | (mW)  | (W/Kg)       | (W/kg)         | 1g(W/kg)   | (%)       | (%)   |
| 2024-02-27 | 750   | 100   | 0.819        | 8.19           | 8.49       | -3.53     | 10    |
| 2024-03-16 | 835   | 100   | 0.902        | 9.02           | 9.63       | -6.33     | 10    |
| 2024-03-14 | 835   | 100   | 0.878        | 8.78           | 9.63       | -8.83     | 10    |
| 2024-02-25 | 1800  | 100   | 3.862        | 38.62          | 38.31      | 0.81      | 10    |
| 2024-02-26 | 1900  | 100   | 3.876        | 38.76          | 39.84      | -2.71     | 10    |
| 2024-02-23 | 1900  | 100   | 3.922        | 39.22          | 39.84      | -1.56     | 10    |
| 2024-03-19 | 2300  | 100   | 4.872        | 48.72          | 50.94      | -4.36     | 10    |
| 2024-02-24 | 2450  | 100   | 5.141        | 51.41          | 54.70      | -6.01     | 10    |
| 2024-03-15 | 2600  | 100   | 5.670        | 56.70          | 56.19      | 0.91      | 10    |
| 2024-02-28 | 2600  | 100   | 5.516        | 55.16          | 56.19      | -1.83     | 10    |
| 2024-03-18 | 2600  | 100   | 5.605        | 56.05          | 56.19      | -0.25     | 10    |
| 2024-03-17 | 3500  | 100   | 6.293        | 62.93          | 68.97      | -8.76     | 10    |
| 2024-03-02 | 5200  | 100   | 7.808        | 78.08          | 77.64      | 0.57      | 10    |
| 2023-03-23 | 5200  | 100   | 7.789        | 77.89          | 77.64      | 0.32      | 10    |
| 2024-03-21 | 5400  | 100   | 8.137        | 81.37          | 80.27      | 1.37      | 10    |
| 2024-03-23 | 5400  | 100   | 8.150        | 81.50          | 80.27      | 1.53      | 10    |
| 2024-03-20 | 5600  | 100   | 7.866        | 78.66          | 78.35      | 0.40      | 10    |
| 2024-03-24 | 5600  | 100   | 7.926        | 79.26          | 78.35      | 1.16      | 10    |
| 2024-03-22 | 5800  | 100   | 7.511        | 75.11          | 74.92      | 0.25      | 10    |
| 2024-03-24 | 5800  | 100   | 7.348        | 73.48          | 74.92      | -1.92     | 10    |

Note:

1. The tolerance limit of System validation  $\pm 10\%$ .
2. The dipole input power (forward power) was 100 mW.
3. The results are normalized to 1 W input power.



## 6. SAR Evaluation Procedures

The procedure for assessing the average SAR value consists of the following steps:

The following steps are used for each test position

- Establish a call with the maximum output power with a base station simulator. The connection between the mobile and the base station simulator is established via air interface
- Measurement of the local E-field value at a fixed location. This value serves as a reference value for calculating a possible power drift.
- Measurement of the SAR distribution with a grid of 8 to 16mm \* 8 to 16 mm and a constant distance to the inner surface of the phantom. Since the sensors cannot directly measure at the inner phantom surface, the values between the sensors and the inner phantom surface are extrapolated. With these values the area of the maximum SAR is calculated by an interpolation scheme.
- Around this point, a cube of 30 \* 30 \* 30 mm or 32 \* 32 \* 32 mm is assessed by measuring 5 or 8 \* 5 or 8\*4 or 5 mm. With these data, the peak spatial-average SAR value can be calculated.

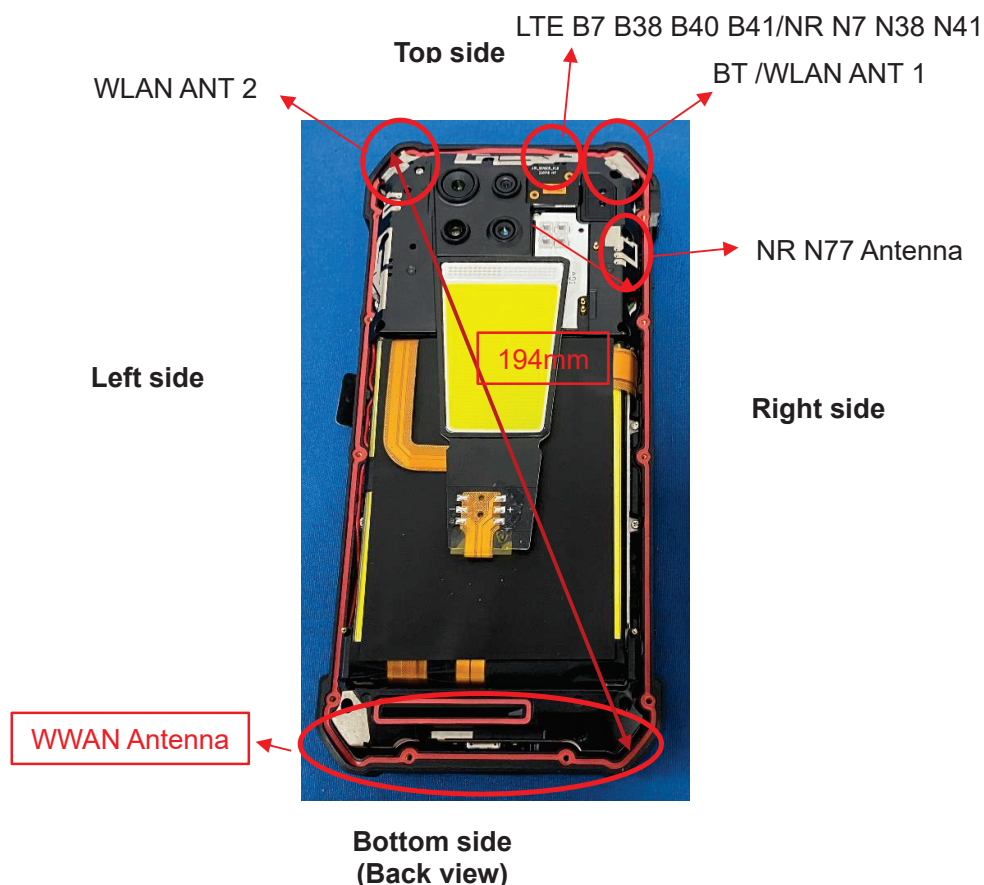
### ➤ Area Scan & Zoom Scan

First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan is required. The Zoom Scan is performed around the highest E-field value to determine the averaged SAR-distribution over 10 g. Area scan and zoom scan resolution setting follows KDB 865664 D01 quoted below.

When the 1-g SAR of the highest peak is within 2 dB of the SAR limit, additional zoom scans are required for other peaks within 2 dB of the highest peak that have not been included in any zoom scan to ensure there is no increase in SAR.

## 7. EUT Antenna Location Sketch

It is a 5G Smart phone, support GSM/WCDMA/LTE/WLAN/BT mode.



Note 1: The antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.

| ANT                                  | Transmitting antenna located(mm) |            |           |            |          |             |
|--------------------------------------|----------------------------------|------------|-----------|------------|----------|-------------|
|                                      | Back Side                        | Front Side | Left Side | Right Side | Top Side | Bottom Side |
| GSM/WCDMA/CDMA/LTE                   | 5                                | 5          | 5         | 5          | 165      | 5           |
| BT/WLAN ANT 1                        | 5                                | 5          | 65        | 5          | 5        | 160         |
| WLAN ANT 2                           | 5                                | 5          | 5         | 65         | 5        | 160         |
| LTE B7 B38 B40 B41/<br>NR N7 N38 N41 | 5                                | 5          | 28        | 25         | 5        | 165         |
| 5G N77                               | 5                                | 5          | 70        | 5          | 33       | 132         |



## 7.1 SAR test exclusion consider table

The WWAN/WLAN/BT SAR evaluation of Maximum power (dBm) summing tolerance.

| Exposure Position | Wireless Interface          | GSM850  | PCS1900 | WCDMA II | WCDMA IV | WCDMA V |
|-------------------|-----------------------------|---------|---------|----------|----------|---------|
|                   | Calculated Frequency (MHz)  | 836.6   | 1880    | 1880     | 1712.6   | 846.6   |
|                   | Maximum Turn-up power (dBm) | 34.5    | 32      | 24       | 25       | 24.5    |
|                   | Maximum rated power(mW)     | 2818.38 | 1584.89 | 251.19   | 316.23   | 281.84  |
| Back Side         | Separation distance (mm)    | 5       | 5       | 5        | 5        | 5       |
|                   | exclusion threshold(mW)     | 16.40   | 10.94   | 10.94    | 11.46    | 16.30   |
|                   | Testing required?           | YES     | YES     | YES      | YES      | YES     |
| Front Side        | Separation distance (mm)    | 5       | 5       | 5        | 5        | 5       |
|                   | exclusion threshold(mW)     | 16.40   | 10.94   | 10.94    | 11.46    | 16.30   |
|                   | Testing required?           | YES     | YES     | YES      | YES      | YES     |
| Left Edge         | Separation distance (mm)    | 5       | 5       | 5        | 5        | 5       |
|                   | exclusion threshold(mW)     | 16.40   | 10.94   | 10.94    | 11.46    | 16.30   |
|                   | Testing required?           | YES     | YES     | YES      | YES      | YES     |
| Right Edge        | Separation distance (mm)    | 5       | 5       | 5        | 5        | 5       |
|                   | exclusion threshold(mW)     | 16.40   | 10.94   | 10.94    | 11.46    | 16.30   |
|                   | Testing required?           | YES     | YES     | YES      | YES      | YES     |
| Top Edge          | Separation distance (mm)    | 165     | 165     | 165      | 165      | 165     |
|                   | exclusion threshold(mW)     | 805.39  | 1259.40 | 1259.40  | 1264.62  | 812.08  |
|                   | Testing required?           | YES     | YES     | NO       | NO       | NO      |
| Bottom Edge       | Separation distance (mm)    | 5       | 5       | 5        | 5        | 5       |
|                   | exclusion threshold(mW)     | 16.40   | 10.94   | 10.94    | 11.46    | 16.30   |
|                   | Testing required?           | YES     | YES     | YES      | YES      | YES     |



| Exposure Position | Wireless Interface          | CDMA BC0 | CDMA BC1 | LTE Band 2 | LTE Band 4 | LTE Band 5 |
|-------------------|-----------------------------|----------|----------|------------|------------|------------|
|                   | Calculated Frequency (MHz)  | 836.52   | 1908.75  | 1880       | 1745       | 844        |
|                   | Maximum Turn-up power (dBm) | 24       | 23       | 25         | 25.5       | 25.5       |
|                   | Maximum rated power(mW)     | 251.19   | 199.53   | 316.23     | 354.81     | 354.81     |
| Back Side         | Separation distance (mm)    | 5        | 5        | 5          | 5          | 5          |
|                   | exclusion threshold(mW)     | 16.40    | 10.86    | 10.94      | 11.36      | 16.33      |
|                   | Testing required?           | YES      | YES      | YES        | YES        | YES        |
| Front Side        | Separation distance (mm)    | 5        | 5        | 5          | 5          | 5          |
|                   | exclusion threshold(mW)     | 16.40    | 10.86    | 10.94      | 11.36      | 16.33      |
|                   | Testing required?           | YES      | YES      | YES        | YES        | YES        |
| Left Edge         | Separation distance (mm)    | 5        | 5        | 5          | 5          | 5          |
|                   | exclusion threshold(mW)     | 16.40    | 10.86    | 10.94      | 11.36      | 16.33      |
|                   | Testing required?           | YES      | YES      | YES        | YES        | YES        |
| Right Edge        | Separation distance (mm)    | 5        | 5        | 5          | 5          | 5          |
|                   | exclusion threshold(mW)     | 16.40    | 10.86    | 10.94      | 11.36      | 16.33      |
|                   | Testing required?           | YES      | YES      | YES        | YES        | YES        |
| Top Edge          | Separation distance (mm)    | 165      | 165      | 165        | 165        | 165        |
|                   | exclusion threshold(mW)     | 805.34   | 1258.57  | 1259.40    | 1263.55    | 810.34     |
|                   | Testing required?           | NO       | NO       | NO         | NO         | NO         |
| Bottom Edge       | Separation distance (mm)    | 5        | 5        | 5          | 5          | 5          |
|                   | exclusion threshold(mW)     | 16.40    | 10.86    | 10.94      | 11.36      | 16.33      |
|                   | Testing required?           | YES      | YES      | YES        | YES        | YES        |



| Exposure Position | Wireless Interface          | LTE Band 7 | LTE Band 12 | LTE Band 13 | LTE Band 17 | LTE Band 25 |
|-------------------|-----------------------------|------------|-------------|-------------|-------------|-------------|
|                   | Calculated Frequency (MHz)  | 2535       | 704         | 782         | 709         | 1860        |
|                   | Maximum Turn-up power (dBm) | 26         | 25          | 25          | 25.5        | 25.5        |
|                   | Maximum rated power(mW)     | 398.11     | 316.23      | 316.23      | 354.81      | 354.81      |
| Back Side         | Separation distance (mm)    | 5          | 5           | 5           | 5           | 5           |
|                   | exclusion threshold(mW)     | 9.42       | 17.88       | 16.96       | 17.81       | 11.00       |
|                   | Testing required?           | YES        | YES         | YES         | YES         | YES         |
| Front Side        | Separation distance (mm)    | 5          | 5           | 5           | 5           | 5           |
|                   | exclusion threshold(mW)     | 9.42       | 17.88       | 16.96       | 17.81       | 11.00       |
|                   | Testing required?           | YES        | YES         | YES         | YES         | YES         |
| Left Edge         | Separation distance (mm)    | 25         | 5           | 5           | 5           | 5           |
|                   | exclusion threshold(mW)     | 47.11      | 17.88       | 16.96       | 17.81       | 11.00       |
|                   | Testing required?           | YES        | YES         | YES         | YES         | YES         |
| Right Edge        | Separation distance (mm)    | 28         | 5           | 5           | 5           | 5           |
|                   | exclusion threshold(mW)     | 52.76      | 17.88       | 16.96       | 17.81       | 11.00       |
|                   | Testing required?           | YES        | YES         | YES         | YES         | YES         |
| Top Edge          | Separation distance (mm)    | 5          | 165         | 165         | 165         | 165         |
|                   | exclusion threshold(mW)     | 9.42       | 718.51      | 769.16      | 721.71      | 1259.99     |
|                   | Testing required?           | YES        | NO          | NO          | NO          | NO          |
| Bottom Edge       | Separation distance (mm)    | 165        | 5           | 5           | 5           | 5           |
|                   | exclusion threshold(mW)     | 1244.21    | 17.88       | 16.96       | 17.81       | 11.00       |
|                   | Testing required?           | NO         | YES         | YES         | YES         | YES         |



| Exposure Position | Wireless Interface          | LTE Band 26 | LTE Band 38 | LTE Band 40 | LTE Band 41 | LTE Band 66 |
|-------------------|-----------------------------|-------------|-------------|-------------|-------------|-------------|
|                   | Calculated Frequency (MHz)  | 841.5       | 2610        | 2310        | 2506        | 1745        |
|                   | Maximum Turn-up power (dBm) | 25          | 26.5        | 12.5        | 25.5        | 25          |
|                   | Maximum rated power(mW)     | 316.23      | 446.68      | 17.78       | 354.81      | 316.23      |
| Back Side         | Separation distance (mm)    | 5           | 5           | 5           | 5           | 5           |
|                   | exclusion threshold(mW)     | 16.35       | 9.28        | 9.87        | 9.48        | 11.36       |
|                   | Testing required?           | YES         | YES         | YES         | YES         | YES         |
| Front Side        | Separation distance (mm)    | 5           | 5           | 5           | 5           | 5           |
|                   | exclusion threshold(mW)     | 16.35       | 9.28        | 9.87        | 9.48        | 11.36       |
|                   | Testing required?           | YES         | YES         | YES         | YES         | YES         |
| Left Edge         | Separation distance (mm)    | 5           | 25          | 25          | 25          | 5           |
|                   | exclusion threshold(mW)     | 16.35       | 46.42       | 49.35       | 47.38       | 11.36       |
|                   | Testing required?           | YES         | YES         | NO          | YES         | YES         |
| Right Edge        | Separation distance (mm)    | 5           | 28          | 28          | 28          | 5           |
|                   | exclusion threshold(mW)     | 16.35       | 51.99       | 55.27       | 53.06       | 11.36       |
|                   | Testing required?           | YES         | YES         | NO          | YES         | YES         |
| Top Edge          | Separation distance (mm)    | 165         | 5           | 5           | 5           | 165         |
|                   | exclusion threshold(mW)     | 808.67      | 9.28        | 9.87        | 9.48        | 1263.55     |
|                   | Testing required?           | NO          | YES         | YES         | YES         | NO          |
| Bottom Edge       | Separation distance (mm)    | 5           | 165         | 165         | 165         | 5           |
|                   | exclusion threshold(mW)     | 16.35       | 1242.85     | 1248.69     | 1244.75     | 11.36       |
|                   | Testing required?           | YES         | NO          | NO          | NO          | YES         |



| Exposure Position | Wireless Interface          | BLE     | 2.4G WLAN ANT 1 | 2.4G WLAN ANT 2 | 5.2G WLAN ANT 1 | 5.2G WLAN ANT 2 |
|-------------------|-----------------------------|---------|-----------------|-----------------|-----------------|-----------------|
|                   | Calculated Frequency (MHz)  | 2402    | 2412            | 2462            | 5210            | 5240            |
|                   | Maximum Turn-up power (dBm) | 2.5     | 16.5            | 15              | 7               | 9               |
|                   | Maximum rated power(mW)     | 1.78    | 44.67           | 31.62           | 5.01            | 7.94            |
| Back Side         | Separation distance (mm)    | 5       | 5               | 5               | 5               | 5               |
|                   | exclusion threshold(mW)     | 9.68    | 9.66            | 9.56            | 6.57            | 6.55            |
|                   | Testing required?           | NO      | YES             | YES             | NO              | YES             |
| Front Side        | Separation distance (mm)    | 5       | 5               | 5               | 5               | 5               |
|                   | exclusion threshold(mW)     | 9.68    | 9.66            | 9.56            | 6.57            | 6.55            |
|                   | Testing required?           | NO      | YES             | YES             | NO              | YES             |
| Left Edge         | Separation distance (mm)    | 5       | 5               | 65              | 5               | 65              |
|                   | exclusion threshold(mW)     | 9.68    | 9.66            | 245.60          | 6.57            | 215.53          |
|                   | Testing required?           | NO      | YES             | NO              | NO              | NO              |
| Right Edge        | Separation distance (mm)    | 65      | 65              | 5               | 65              | 5               |
|                   | exclusion threshold(mW)     | 246.78  | 246.58          | 9.56            | 215.72          | 6.55            |
|                   | Testing required?           | NO      | NO              | YES             | NO              | YES             |
| Top Edge          | Separation distance (mm)    | 5       | 5               | 5               | 5               | 5               |
|                   | exclusion threshold(mW)     | 9.68    | 9.66            | 9.56            | 6.57            | 6.55            |
|                   | Testing required?           | NO      | YES             | YES             | NO              | YES             |
| Bottom Edge       | Separation distance (mm)    | 160     | 160             | 160             | 160             | 160             |
|                   | exclusion threshold(mW)     | 1196.78 | 1196.58         | 1195.60         | 1165.72         | 1165.53         |
|                   | Testing required?           | NO      | NO              | NO              | NO              | NO              |





| Exposure Position | Wireless Interface          | 5.3G WLAN ANT 1 | 5.3G WLAN ANT 2 | 5.6G WLAN ANT 1 | 5.6G WLAN ANT 2 | 5.8G WLAN ANT 1 | 5.8G WLAN ANT 2 |
|-------------------|-----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                   | Calculated Frequency (MHz)  | 5300            | 5320            | 5500            | 5500            | 5785            | 5745            |
|                   | Maximum Turn-up power (dBm) | 7               | 10              | 6.5             | 11              | 6.5             | 9.5             |
|                   | Maximum rated power(mW)     | 5.01            | 10.00           | 4.47            | 12.59           | 4.47            | 8.91            |
| Back Side         | Separation distance (mm)    | 5               | 5               | 5               | 5               | 5               | 5               |
|                   | exclusion threshold(mW)     | 6.52            | 6.50            | 6.40            | 6.40            | 6.24            | 6.26            |
|                   | Testing required?           | NO              | YES             | NO              | YES             | NO              | YES             |
| Front Side        | Separation distance (mm)    | 5               | 5               | 5               | 5               | 5               | 5               |
|                   | exclusion threshold(mW)     | 6.52            | 6.50            | 6.40            | 6.40            | 6.24            | 6.26            |
|                   | Testing required?           | NO              | YES             | NO              | YES             | NO              | YES             |
| Left Edge         | Separation distance (mm)    | 5               | 65              | 5               | 65              | 5               | 65              |
|                   | exclusion threshold(mW)     | 6.52            | 215.03          | 6.40            | 213.96          | 6.24            | 212.58          |
|                   | Testing required?           | NO              | NO              | NO              | NO              | NO              | NO              |
| Right Edge        | Separation distance (mm)    | 65              | 5               | 65              | 5               | 65              | 5               |
|                   | exclusion threshold(mW)     | 215.16          | 6.50            | 213.96          | 6.40            | 212.36          | 6.26            |
|                   | Testing required?           | NO              | YES             | NO              | YES             | NO              | YES             |
| Top Edge          | Separation distance (mm)    | 5               | 5               | 5               | 5               | 5               | 5               |
|                   | exclusion threshold(mW)     | 6.52            | 6.50            | 6.40            | 6.40            | 6.24            | 6.26            |
|                   | Testing required?           | NO              | YES             | NO              | YES             | NO              | YES             |
| Bottom Edge       | Separation distance (mm)    | 160             | 160             | 160             | 160             | 160             | 160             |
|                   | exclusion threshold(mW)     | 1165.16         | 1165.03         | 1163.96         | 1163.96         | 1162.36         | 1162.58         |
|                   | Testing required?           | NO              | NO              | NO              | NO              | NO              | NO              |



| Exposure Position | Wireless Interface          | SA N2   | SA N5  | SA N7   | SA N25  |
|-------------------|-----------------------------|---------|--------|---------|---------|
|                   | Calculated Frequency (MHz)  | 1900    | 836.5  | 2510    | 1905    |
|                   | Maximum Turn-up power (dBm) | 24      | 24.5   | 24      | 24.5    |
|                   | Maximum rated power(mW)     | 251.19  | 281.84 | 251.19  | 281.84  |
| Back Side         | Separation distance (mm)    | 5       | 5      | 5       | 5       |
|                   | exclusion threshold(mW)     | 10.88   | 16.40  | 9.47    | 10.87   |
|                   | Testing required?           | YES     | YES    | YES     | YES     |
| Front Side        | Separation distance (mm)    | 5       | 5      | 5       | 5       |
|                   | exclusion threshold(mW)     | 10.88   | 16.40  | 9.47    | 10.87   |
|                   | Testing required?           | YES     | YES    | YES     | YES     |
| Left Edge         | Separation distance (mm)    | 5       | 5      | 25      | 5       |
|                   | exclusion threshold(mW)     | 10.88   | 16.40  | 47.34   | 10.87   |
|                   | Testing required?           | YES     | YES    | YES     | YES     |
| Right Edge        | Separation distance (mm)    | 5       | 5      | 28      | 5       |
|                   | exclusion threshold(mW)     | 10.88   | 16.40  | 53.02   | 10.87   |
|                   | Testing required?           | YES     | YES    | YES     | YES     |
| Top Edge          | Separation distance (mm)    | 165     | 165    | 5       | 165     |
|                   | exclusion threshold(mW)     | 1258.82 | 805.32 | 9.47    | 1258.68 |
|                   | Testing required?           | NO      | NO     | YES     | NO      |
| Bottom Edge       | Separation distance (mm)    | 5       | 5      | 165     | 5       |
|                   | exclusion threshold(mW)     | 10.88   | 16.40  | 1244.68 | 10.87   |
|                   | Testing required?           | YES     | YES    | NO      | YES     |



| Exposure Position | Wireless Interface          | SA N38  | SA N41  | SA N77 |
|-------------------|-----------------------------|---------|---------|--------|
|                   | Calculated Frequency (MHz)  | 2600    | 2546.01 | 3500   |
|                   | Maximum Turn-up power (dBm) | 24      | 23      | 23     |
|                   | Maximum rated power(mW)     | 251.19  | 199.53  | 199.53 |
| Back Side         | Separation distance (mm)    | 5       | 5       | 5      |
|                   | exclusion threshold(mW)     | 9.30    | 9.40    | 8.02   |
|                   | Testing required?           | YES     | YES     | YES    |
| Front Side        | Separation distance (mm)    | 5       | 5       | 5      |
|                   | exclusion threshold(mW)     | 9.30    | 9.40    | 8.02   |
|                   | Testing required?           | YES     | YES     | YES    |
| Left Edge         | Separation distance (mm)    | 25      | 25      | 5      |
|                   | exclusion threshold(mW)     | 46.51   | 47.00   | 8.02   |
|                   | Testing required?           | YES     | YES     | YES    |
| Right Edge        | Separation distance (mm)    | 28      | 28      | 70     |
|                   | exclusion threshold(mW)     | 52.09   | 52.64   | 280.18 |
|                   | Testing required?           | YES     | YES     | NO     |
| Top Edge          | Separation distance (mm)    | 5       | 5       | 33     |
|                   | exclusion threshold(mW)     | 9.30    | 9.40    | 52.92  |
|                   | Testing required?           | YES     | YES     | YES    |
| Bottom Edge       | Separation distance (mm)    | 165     | 165     | 132    |
|                   | exclusion threshold(mW)     | 1243.03 | 1244.01 | 900.18 |
|                   | Testing required?           | NO      | NO      | NO     |

**Note:**

1. maximum power is the source-based time-average power and represents the maximum RF output power among production units.
2. per KDB 447498 D01, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
3. per KDB 447498 D01, standalone SAR test exclusion threshold is applied; if the distance of the antenna to the user is <25mm, 25mm is user to determine SAR exclusion threshold
4. per KDB 447498 D01, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distance  $\leq 50$ mm are determined by:

$$\left[ \frac{\text{max.power of channel, including tune-up tolerance, mW}}{\text{min. test separation distance,}} \right]$$



mm)]\* $\sqrt{f(\text{GHz})} \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR,  $f(\text{GHz})$  is the RF channel transmit frequency in GHz. Power and distance are rounded to the nearest mW and mm before calculation.

The result is rounded to one decimal place for comparison

For <50mm distance, we just calculate mW of the exclusion threshold value(3.0)to do compare

5. per KDB 447498 D01, at 100 MHz to 6GHz and for test separation distances >50mm, the SAR test exclusion threshold is determined according to the following
  - a)[threshold at 50mm in step 1]+(test separation distance -50mm)\*( $f(\text{MHz})/150$ )]mW, at 100 MHz to 1500 MHz
  - b) [threshold at 50mm in step1]+( test separation distance -50mm) \*10]mW at > 1500MHz and  $\leq$  6GHz
6. Per KDB 248227 D01, choose the highest output power channel to test SAR and determine further SAR exclusion 8.for each frequency band ,testing at higher data rates and higher order modulations is not required when the maximum average output power for each of each of these configurations is less than 1/4db higher than those measured at the lower data rate than 11b mode ,thus the SAR can be excluded.

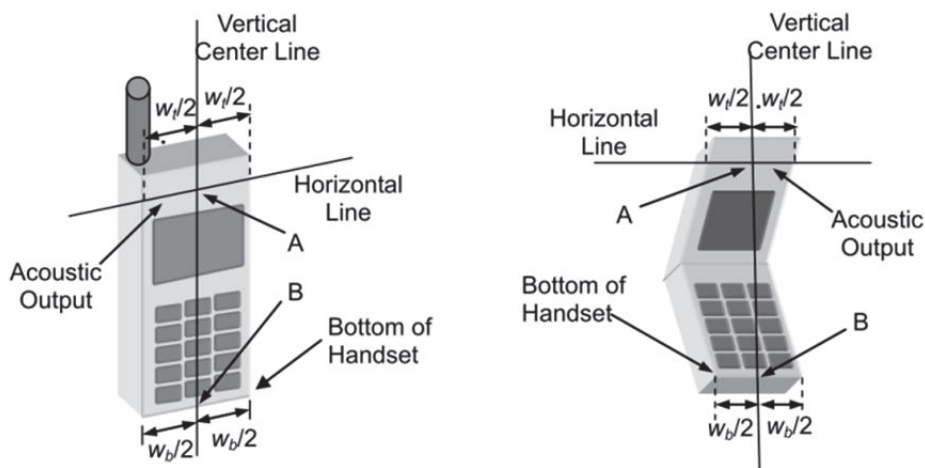


## 8. EUT Test Position

This EUT was tested in Right Cheek, Right Titled, Left Cheek, Left Titled, Front Face and Rear Face.

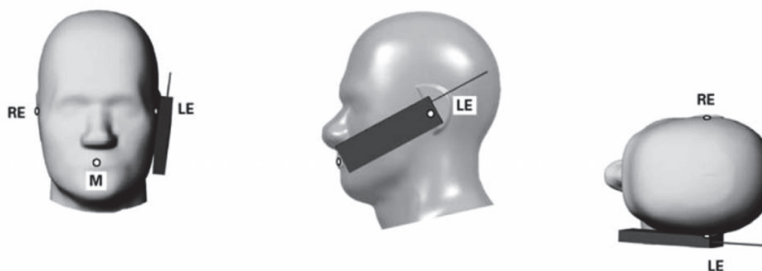
### 8.1 Define Two Imaginary Lines on the Handset

- (1) The vertical centerline passes through two points on the front side of the handset the midpoint of the width  $w_t$  of the handset at the level of the acoustic output, and the midpoint of the width  $w_b$  of the handset.
- (2) The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output. The horizontal line is also tangential to the face of the handset at point A.
- (3) The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily to the front face of the handset, especially for clamshell handsets, handsets with flip covers, and other irregularly shaped handsets.



#### Cheek Position

- 1) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.
- 2) To move the device towards the phantom with the ear piece aligned with the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost





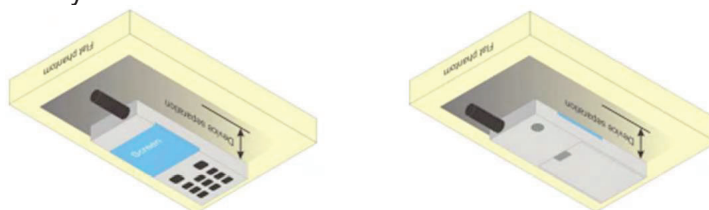
## Title Position

- (1) To position the device in the “cheek” position described above.
- (2) While maintaining the device in the reference plane described above and pivoting against the ear, moves it outward away from the mouth by an angle of 15 degrees or until with the ear is lost.



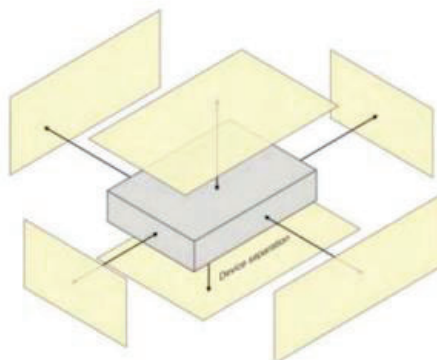
## Body-worn Position Conditions:

Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB Publication 447498 D01 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. When the same wireless transmission configuration is used for testing body-worn accessory and hotspot mode SAR, respectively, in voice and data mode, SAR results for the most conservative *test separation distance* configuration may be used to support both SAR conditions. When the *reported* SAR for a body-worn accessory, measured without a headset connected to the handset, is  $> 1.2 \text{ W/kg}$ , the highest *reported* SAR configuration for that wireless mode and frequency band should be repeated for the body-worn accessory with a headset attached to the handset.



## 8.2 Hotspot mode exposure position condition

For handsets that support hotspot mode operations, with wireless router capabilities and various web browsing function, the relevant hand and body exposure condition are tested according to the hotspot SAR procedures in KDB 941225. A test separation distance of 10 mm is required between the phantom and all surface and edges with a transmitting antenna located within 25 mm from that surface or edge. When form factor of a handset is smaller than 9cm x 5cm, a test separation distance of 5mm (instead of 10mm) is required for testing hotspot mode. When the separate distance required for body-worn accessory testing is larger than or equal to that tested for hotspot mode, in the same wireless mode and for the same surface of the phone, the hotspot mode SAR data may be used to support body-worn accessory SAR compliance for that particular configuration (surface).





## 9. Uncertainty

### 9.1 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in IEEE 1528: 2013. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of  $k=2$ .

| Symbol                                                       | Uncertainty Component                                                    | Prob. Dist.   | Unc. $a(x_i)$ | Div. $q_i$ | $u(x_i) = a(x_i)/q_i$ | $C_i$                | $u(y) = C_i * u(x_i)$ | $v_i$    |
|--------------------------------------------------------------|--------------------------------------------------------------------------|---------------|---------------|------------|-----------------------|----------------------|-----------------------|----------|
| <b>Measurement system errors</b>                             |                                                                          |               |               |            |                       |                      |                       |          |
| CF                                                           | Probe calibration                                                        | N ( $k = 2$ ) | 5.8           | 2          | 2.90                  | 1                    | 2.90                  | $\infty$ |
| CF <sub>drift</sub>                                          | Probe calibration drift                                                  | R             | 0.12          | $\sqrt{3}$ | 0.07                  | 1                    | 0.07                  | $\infty$ |
| LIN                                                          | Probe linearity and detection limit                                      | R             | 1.91          | $\sqrt{3}$ | 1.10                  | 1                    | 1.10                  | $\infty$ |
| BBS                                                          | Broadband signal                                                         | R             | 0.15          | $\sqrt{3}$ | 0.09                  | 1                    | 0.09                  | $\infty$ |
| ISO                                                          | Probe isotropy                                                           | R             | 0.18          | $\sqrt{3}$ | 0.10                  | 1                    | 0.10                  | $\infty$ |
| DAE                                                          | Other probe and data acquisition errors                                  | N             | 2.7           | 1          | 2.70                  | 1                    | 2.70                  | $\infty$ |
| AMB                                                          | RF ambient and noise                                                     | N             | 1.73          | 1          | 1.73                  | 1                    | 1.73                  | $\infty$ |
| $\Delta_{xyz}$                                               | Probe positioning errors                                                 | N             | 0.81          | 1          | 0.81                  | $2/\delta$           | 0.81                  |          |
| DAT                                                          | Data processing errors                                                   | N             | 2.5           | 1          | 2.50                  | 1                    | 2.50                  | $\infty$ |
| <b>Phantom and device (DUT or validation antenna) errors</b> |                                                                          |               |               |            |                       |                      |                       |          |
| LIQ( $\sigma$ )                                              | Measurement of phantom conductivity( $\sigma$ )                          | N             | 4.4           | 1          | 4.4                   | $c\epsilon, c\sigma$ | 4.40                  | $\infty$ |
| LIQ( $T_c$ )                                                 | Temperature effects (medium)                                             | R             | 2.9           | $\sqrt{3}$ | 1.67                  | $c\epsilon, c\sigma$ | 1.67                  | $\infty$ |
| EPS                                                          | Shell permittivity                                                       | R             | 3.4           | $\sqrt{3}$ | 1.96                  | See 8.4.2.3          | 0.49                  | $\infty$ |
| DIS                                                          | Distance between the radiating element of the DUT and the phantom medium | N             | 0.8           | 1          | 0.8                   | 2                    | 1.60                  | $\infty$ |
| D <sub>xyz</sub>                                             | Repeatability of positioning the DUT or source against the phantom       | N             | 1.5           | 1          | 1.5                   | 1                    | 1.50                  | 5        |
| H                                                            | Device holder effects                                                    | N             | 3             | 1          | 3                     | 1                    | 3.00                  |          |
| MOD                                                          | Effect of operating mode on probe sensitivity                            | R             | 3.59          | $\sqrt{3}$ | 2.07                  | 1                    | 2.07                  | $\infty$ |
| TAS                                                          | Time-average SAR                                                         | R             | 1.73          | $\sqrt{3}$ | 1.00                  | 1                    | 1.00                  | $\infty$ |
| RF <sub>drift</sub>                                          | Variation in SAR due to drift in output of DUT                           | N             | 2.89          | 1          | 2.89                  | 1                    | 2.89                  |          |
| VAL                                                          | Validation antenna uncertainty (validation measurement only)             | N             | 1.45          | 1          | 1.45                  | 1                    | 1.45                  |          |
| P <sub>in</sub>                                              | Uncertainty in accepted power (validation measurement only)              | N             | 2.5           | 1          | 2.5                   | 1                    | 2.50                  |          |
| <b>Corrections to the SAR result (if applied)</b>            |                                                                          |               |               |            |                       |                      |                       |          |
| C( $\epsilon', \sigma$ )                                     | Phantom deviation from target ( $\epsilon', \sigma$ )                    | N             | 2.31          | 1          | 2.31                  | 1                    | 2.31                  |          |
| C(R)                                                         | SAR scaling                                                              | R             | 1.15          | $\sqrt{3}$ | 0.66                  | 1                    | 0.66                  |          |
| u( $\Delta$ SAR)                                             | Combined uncertainty                                                     |               |               |            |                       |                      | 9.53                  |          |
| U                                                            | Expanded uncertainty and effective degrees of freedom                    |               |               |            |                       | U =                  | 19.06                 |          |



## 10. Conducted Power Measurement

### 10.1 Test Result

| Burst Average Power (dBm)                                                                                                                                                                                                         |         |       |       |          |        |        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|-------|----------|--------|--------|
| Band                                                                                                                                                                                                                              | GSM 850 |       |       | PCS 1900 |        |        |
| Channel                                                                                                                                                                                                                           | 128     | 190   | 251   | 512      | 661    | 810    |
| Frequency (MHz)                                                                                                                                                                                                                   | 824.2   | 836.6 | 848.8 | 1850.2   | 1880.0 | 1909.8 |
| GSM (GMSK, 1-Slot)                                                                                                                                                                                                                | 33.71   | 34.14 | 34.13 | 31.82    | 31.85  | 31.73  |
| Remark:<br>Multi-Slot Class 8, Support Max 4 downlink, 1 uplink, 5 working link<br>Multi-Slot Class 10, Support Max 4 downlink, 2 uplink, 5 working link<br>Multi-Slot Class 12, Support Max 4 downlink, 4 uplink, 5 working link |         |       |       |          |        |        |

| Frame- Average Power(dBm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |       |       |          |        |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|-------|----------|--------|--------|
| Band                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | GSM 850 |       |       | PCS 1900 |        |        |
| Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 128     | 190   | 251   | 512      | 661    | 810    |
| Frequency (MHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 824.2   | 836.6 | 848.8 | 1850.2   | 1880.0 | 1909.8 |
| GSM (GMSK, 1-Slot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 24.68   | 25.11 | 25.10 | 22.79    | 22.82  | 22.70  |
| Remark:<br>1. SAR testing was performed on the maximum frame-averaged power mode.<br>2. The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum<br>Burst - averaged power based on time slots. The calculated method is shown as below:<br>Frame-averaged power = Burst averaged power (1 TX Slot) – 9.03 dB<br>Frame-averaged power = Burst averaged power (2 TX Slots) – 6.02 dB<br>Frame-averaged power = Burst averaged power (3 TX Slots) - 4.26 dB<br>Frame-averaged power = Burst averaged power (4 TX Slots) – 3.01 dB |         |       |       |          |        |        |





## WCDMA

| Band            | WCDMA Band 2 |       |        | WCDMA Band 4 |       |        | WCDMA Band 5 |       |       |
|-----------------|--------------|-------|--------|--------------|-------|--------|--------------|-------|-------|
| Channel         | 9262         | 9400  | 9538   | 1312         | 1450  | 1513   | 4132         | 4182  | 4233  |
| Frequency (MHz) | 1852.4       | 1880  | 1907.6 | 1712.6       | 1740  | 1752.4 | 826.4        | 836.4 | 846.6 |
| RMC 12.2Kbps    | 24.34        | 24.4  | 24.3   | 24.67        | 24.28 | 24.49  | 24.03        | 24    | 24.26 |
| HSDPA Subtest-1 | 23.39        | 23.45 | 23.32  | 23.71        | 23.32 | 23.53  | 23.05        | 22.99 | 23.27 |
| HSDPA Subtest-2 | 22.9         | 23.07 | 22.81  | 23.26        | 22.95 | 22.96  | 22.53        | 22.6  | 22.66 |
| HSDPA Subtest-3 | 22.06        | 21.97 | 21.97  | 22.26        | 21.63 | 21.76  | 21.45        | 21.29 | 21.99 |
| HSDPA Subtest-4 | 21.61        | 21.53 | 22     | 22.24        | 21.64 | 21.92  | 21.24        | 21.35 | 21.45 |
| HSUPA Subtest-1 | 21.96        | 23.22 | 23.14  | 22.55        | 23.09 | 23.33  | 22.12        | 22.85 | 23.1  |
| HSUPA Subtest-2 | 23.24        | 23.26 | 23.25  | 23.59        | 23.18 | 23.33  | 22.97        | 22.9  | 23.17 |
| HSUPA Subtest-3 | 21.54        | 22.08 | 22.05  | 21.85        | 22    | 22.06  | 21.36        | 21.79 | 21.83 |
| HSUPA Subtest-4 | 23.38        | 23.43 | 23.34  | 23.71        | 23.3  | 23.5   | 23.03        | 23.03 | 23.25 |
| HSUPA Subtest-5 | 21.93        | 22.71 | 22.53  | 22.31        | 22.61 | 22.78  | 21.84        | 22.35 | 22.46 |

According to 3GPP 25.101 sub-clause 6.2.2, the maximum output power is allowed to be reduced by following the table.

Table 6.1A: UE maximum output power with HS-DPCCH and E-DCH

| UE Transmit Channel Configuration                                                                                                                                                              | CM (db)              | MPR (db)      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------|
| For all combinations of ,DPDCH,DPCCH HS-DPDCH,E-DPDCH and E-DPCCH                                                                                                                              | $0 \leq CM \leq 3.5$ | $MAX(CM-1,0)$ |
| Note: CM=1 for $\beta_c/\beta_d=12/15$ , $\beta_{hs}/\beta_c=24/15$ .For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference. |                      |               |

The device supports MPR to solve linearity issues (ACLR or SEM) due to the higher peak-to average ratios (PAR) of the HSUPA signal. This prevents saturating the full range of the TX DAC inside of device and provides a reduced power output to the RF transceiver chip according to the Cubic Metric (a function of the combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH).

When E-DPDCH channels are present the beta gains on those channels are reduced firsts to try to get the power under the allowed limit. If the beta gains are lowered as far as possible, then a hard limiting is applied at the maximum allowed level.

The SW currently recalculates the cubic metric every time the beta gains on the E-DPDCH are reduced. The cubic metric will likely get lower each time this is done .However, there is no reported reduction of maximum output power in the HSUPA mode since the device also provides a compensation for the power back-off by increasing the gain of TX\_AGC in the transceiver (PA) device.

The end effect is that the DUT output power is identical to the case where there is no MPR in the device.



## CDMA

| CDMA BC0 |                 |           |
|----------|-----------------|-----------|
| Mode     | Frequency (MHz) | AVG Power |
| CDMA BC0 | 824.7           | 23.02     |
|          | 836.52          | 23.58     |
|          | 848.31          | 23.14     |
| EVDO BC0 | 824.7           | 22.98     |
|          | 836.52          | 23.07     |
|          | 848.31          | 23.02     |

| CDMA BC1 |                 |           |
|----------|-----------------|-----------|
| Mode     | Frequency (MHz) | AVG Power |
| CDMA BC1 | 1851.25         | 22.32     |
|          | 1880            | 22.40     |
|          | 1908.75         | 22.60     |
| EVDO BC1 | 1851.25         | 22.12     |
|          | 1880            | 22.35     |
|          | 1908.75         | 22.52     |

## 2.4G WLAN

| 2.4G WIFI      |                |                 |                   |                   |                  |
|----------------|----------------|-----------------|-------------------|-------------------|------------------|
| Mode           | Channel Number | Frequency (MHz) | ANT A Power (dBm) | ANT B Power (dBm) | MIMO Power (dBm) |
| 802.11b        | 1              | 2412            | 16.26             | 13.97             | N/A              |
|                | 7              | 2437            | 12.95             | 14.59             | N/A              |
|                | 11             | 2462            | 14.02             | 14.67             | N/A              |
| 802.11g        | 1              | 2412            | 14.79             | 13.15             | N/A              |
|                | 7              | 2437            | 12.77             | 13.00             | N/A              |
|                | 11             | 2462            | 13.76             | 13.12             | N/A              |
| 802.11n-HT20   | 1              | 2412            | 14.07             | 11.64             | 16.03            |
|                | 7              | 2437            | 11.48             | 11.96             | 14.74            |
|                | 11             | 2462            | 11.62             | 11.70             | 14.64            |
| 802.11n-HT40   | 3              | 2422            | 12.83             | 11.33             | 15.15            |
|                | 6              | 2437            | 11.43             | 11.48             | 14.47            |
|                | 9              | 2452            | 12.26             | 11.27             | 14.80            |
| 802.11ax-HET20 | 1              | 2412            | 13.14             | 9.85              | 14.81            |
|                | 7              | 2437            | 10.31             | 10.41             | 13.37            |
|                | 11             | 2462            | 9.99              | 10.48             | 13.09            |
| 802.11ac-VHT40 | 3              | 2422            | 11.65             | 10.05             | 13.93            |
|                | 6              | 2437            | 13.29             | 10.23             | 13.29            |
|                | 9              | 2452            | 12.08             | 9.84              | 14.11            |



## Bluetooth

| BT                   |                |                 |                     |                   |
|----------------------|----------------|-----------------|---------------------|-------------------|
| Mode                 | Channel Number | Frequency (MHz) | Average Power (dBm) | Output Power (mW) |
| GFSK(1Mbps)          | 0              | 2402            | 2.06                | 1.61              |
|                      | 39             | 2441            | 0.53                | 1.13              |
|                      | 78             | 2480            | 1.69                | 1.48              |
| $\pi/4$ -QPSK(2Mbps) | 0              | 2402            | 1.47                | 1.40              |
|                      | 39             | 2441            | 0.06                | 1.01              |
|                      | 78             | 2480            | 1.05                | 1.27              |
| 8DPSK(3Mbps)         | 0              | 2402            | 1.87                | 1.54              |
|                      | 39             | 2441            | 0.52                | 1.13              |
|                      | 78             | 2480            | 1.63                | 1.46              |

## BLE

| BLE         |                |                 |                     |                   |
|-------------|----------------|-----------------|---------------------|-------------------|
| Mode        | Channel Number | Frequency (MHz) | Average Power (dBm) | Output Power (mW) |
| GFSK(1Mbps) | 0              | 2402            | 2.07                | 1.61              |
|             | 19             | 2440            | 0.28                | 1.07              |
|             | 39             | 2480            | 1.58                | 1.44              |
| GFSK(2Mbps) | 0              | 2402            | 1.92                | 1.56              |
|             | 19             | 2440            | 0.44                | 1.11              |
|             | 39             | 2480            | 1.56                | 1.43              |



# WLAN (5.2Gband)

| 5.2G WLAN      |                |                 |                   |                   |                  |
|----------------|----------------|-----------------|-------------------|-------------------|------------------|
| Mode           | Channel Number | Frequency (MHz) | ANT A Power (dBm) | ANT B Power (dBm) | MIMO Power (dBm) |
| 802.11a20      | 36             | 5180            | 5.69              | 7.74              | N/A              |
|                | 40             | 5200            | 5.34              | 7.35              | N/A              |
|                | 48             | 5240            | 4.91              | 7.54              | N/A              |
| 802.11n-HT20   | 36             | 5180            | 6.62              | 7.44              | 9.73             |
|                | 40             | 5200            | 6.48              | 7.48              | 9.75             |
|                | 48             | 5240            | 5.53              | 7.75              | 9.47             |
| 802.11n-HT40   | 38             | 5190            | 6.58              | 7.30              | 9.70             |
|                | 46             | 5230            | 5.94              | 7.53              | 9.60             |
| 802.11ac-VHT20 | 36             | 5180            | 6.62              | 8.42              | 9.26             |
|                | 40             | 5200            | 6.43              | 8.48              | 8.78             |
|                | 48             | 5240            | 5.84              | 8.72              | 8.39             |
| 802.11ac-VHT40 | 38             | 5190            | 6.59              | 8.39              | 9.58             |
|                | 46             | 5230            | 6.08              | 8.62              | 9.55             |
| 802.11ac-VHT80 | 42             | 5210            | 6.85              | 8.12              | 9.20             |
| 802.11ax-HE20  | 36             | 5180            | 6.36              | 8.44              | 9.31             |
|                | 40             | 5200            | 6.31              | 8.61              | 9.48             |
|                | 48             | 5240            | 5.55              | 8.81              | 9.06             |
| 802.11ax-HE40  | 38             | 5190            | 6.85              | 8.52              | 9.73             |
|                | 46             | 5230            | 6.48              | 8.69              | 9.60             |
| 802.11ax-HE80  | 42             | 5210            | 5.98              | 8.17              | 9.22             |



WLAN (5.3G band)

| 5.3G WLAN      |                |                 |                   |                   |                  |
|----------------|----------------|-----------------|-------------------|-------------------|------------------|
| Mode           | Channel Number | Frequency (MHz) | ANT A Power (dBm) | ANT B Power (dBm) | MIMO Power (dBm) |
| 802.11a20      | 52             | 5260            | 5.18              | 8.59              | N/A              |
|                | 60             | 5300            | 5.12              | 8.74              | N/A              |
|                | 64             | 5320            | 5.30              | 9.01              | N/A              |
| 802.11n-HT20   | 52             | 5260            | 5.77              | 8.76              | 9.90             |
|                | 60             | 5300            | 6.53              | 8.85              | 10.67            |
|                | 64             | 5320            | 6.35              | 8.84              | 10.55            |
| 802.11n-HT40   | 54             | 5270            | 5.66              | 8.50              | 9.68             |
|                | 62             | 5310            | 6.17              | 8.62              | 10.23            |
| 802.11ac-VHT20 | 52             | 5260            | 6.31              | 9.63              | 8.71             |
|                | 60             | 5300            | 6.29              | 9.75              | 9.38             |
|                | 64             | 5320            | 6.35              | 9.91              | 9.51             |
| 802.11ac-VHT40 | 54             | 5270            | 6.40              | 9.43              | 9.71             |
|                | 62             | 5310            | 6.28              | 9.62              | 10.30            |
| 802.11ac-VHT80 | 58             | 5290            | 5.97              | 9.31              | 9.69             |
| 802.11ax-HE20  | 52             | 5260            | 5.96              | 9.67              | 9.37             |
|                | 60             | 5300            | 6.38              | 9.75              | 10.17            |
|                | 64             | 5320            | 6.15              | 9.93              | 10.06            |
| 802.11ax-HE40  | 54             | 5270            | 6.23              | 9.55              | 9.51             |
|                | 62             | 5310            | 6.44              | 9.85              | 10.08            |
| 802.11ax-HE80  | 54             | 5290            | 5.73              | 9.38              | 9.78             |



WLAN (5.6G band)

| 5.6G WLAN      |                |                 |                   |                   |                  |
|----------------|----------------|-----------------|-------------------|-------------------|------------------|
| Mode           | Channel Number | Frequency (MHz) | ANT A Power (dBm) | ANT B Power (dBm) | MIMO Power (dBm) |
| 802.11a20      | 100            | 5500            | 4.70              | 9.58              | N/A              |
|                | 116            | 5580            | 4.22              | 8.54              | N/A              |
|                | 140            | 5700            | 4.44              | 7.87              | N/A              |
| 802.11n-HT20   | 100            | 5500            | 5.61              | 9.56              | 10.66            |
|                | 116            | 5580            | 4.89              | 8.69              | 9.96             |
|                | 140            | 5700            | 5.18              | 7.95              | 9.49             |
| 802.11n-HT40   | 102            | 5510            | 5.33              | 9.09              | 10.22            |
|                | 110            | 5550            | 5.49              | 9.24              | 10.46            |
|                | 134            | 5670            | 5.66              | 8.11              | 9.80             |
| 802.11ac-VHT20 | 100            | 5500            | 6.02              | 10.50             | 10.09            |
|                | 116            | 5580            | 5.36              | 9.80              | 9.66             |
|                | 140            | 5700            | 5.52              | 9.36              | 9.21             |
| 802.11ac-VHT40 | 102            | 5510            | 5.73              | 10.15             | 10.09            |
|                | 110            | 5550            | 5.56              | 10.26             | 10.45            |
|                | 134            | 5670            | 5.74              | 9.50              | 9.94             |
| 802.11ac-VHT80 | 106            | 5530            | 5.59              | 10.00             | 10.23            |
|                | 122            | 5610            | 5.56              | 9.45              | 9.75             |
| 802.11ax-HE20  | 100            | 5500            | 5.44              | 10.32             | 10.17            |
|                | 116            | 5580            | 4.78              | 9.96              | 9.50             |
|                | 140            | 5700            | 5.34              | 9.70              | 9.17             |
| 802.11ax-HE40  | 102            | 5510            | 5.66              | 10.19             | 10.34            |
|                | 110            | 5550            | 5.56              | 10.27             | 10.47            |
|                | 134            | 5670            | 5.68              | 9.65              | 9.82             |
| 802.11ax-HE80  | 106            | 5530            | 5.10              | 10.07             | 10.10            |
|                | 122            | 5610            | 4.79              | 9.37              | 9.53             |



# WLAN (5.8G band)

| 5.8G WLAN      |                |                 |                   |                   |                  |
|----------------|----------------|-----------------|-------------------|-------------------|------------------|
| Mode           | Channel Number | Frequency (MHz) | ANT A Power (dBm) | ANT B Power (dBm) | MIMO Power (dBm) |
| 802.11a20      | 149            | 5745            | 4.67              | 7.75              | N/A              |
|                | 157            | 5785            | 4.69              | 7.74              | N/A              |
|                | 165            | 5825            | 4.29              | 7.02              | N/A              |
| 802.11n-HT20   | 149            | 5745            | 5.35              | 7.89              | 9.55             |
|                | 157            | 5785            | 6.15              | 7.70              | 10.00            |
|                | 165            | 5825            | 4.80              | 6.98              | 8.86             |
| 802.11n-HT40   | 151            | 5755            | 5.65              | 7.74              | 9.60             |
|                | 159            | 5795            | 5.40              | 7.61              | 9.20             |
| 802.11ac-VHT20 | 149            | 5745            | 5.95              | 9.29              | 9.77             |
|                | 157            | 5785            | 6.03              | 9.07              | 9.70             |
|                | 165            | 5825            | 5.32              | 7.99              | 8.89             |
| 802.11ac-VHT40 | 151            | 5755            | 5.97              | 9.05              | 9.52             |
|                | 159            | 5795            | 5.92              | 8.74              | 9.49             |
| 802.11ac-VHT80 | 155            | 5775            | 5.66              | 8.72              | 9.29             |
| 802.11ax-HE20  | 149            | 5745            | 5.29              | 9.22              | 9.28             |
|                | 157            | 5785            | 5.74              | 9.02              | 9.41             |
|                | 165            | 5825            | 5.47              | 8.05              | 8.67             |
| 802.11ax-HE40  | 151            | 5755            | 5.58              | 9.28              | 9.51             |
|                | 159            | 5795            | 5.56              | 9.00              | 9.33             |
| 802.11ax-HE80  | 155            | 5775            | 5.53              | 8.89              | 9.32             |



## LTE Conducted Power

### General Note:

1. Anritsu CMW500 base station simulator was used to setup the connection with EUT; the frequency band, channel bandwidth, RB allocation configuration, modulation type are set in the base station simulator to configure EUT transmitting at maximum power and at different configurations which are requested to be reported to FCC, for conducted power measurement and SAR testing.
2. Per KDB 941225 D05, when a properly configured base station simulator is used for the SAR and power measurements, spectrum plots for each RB allocation and offset configuration is not required.
3. Per KDB 941225 D05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
4. Per KDB 941225 D05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
5. Per KDB 941225 D05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are  $\leq 0.8$  W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be tested.
6. Per KDB 941225 D05, 16QAM output power for each RB allocation configuration is  $>$  not  $\frac{1}{2}$  dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is  $\leq 1.45$  W/kg; Per KDB 941225 D05, 16QAM SAR testing is not required.
7. Per KDB 941225 D05, Smaller bandwidth output power for each RB allocation configuration is  $>$  not  $\frac{1}{2}$  dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is  $\leq 1.45$  W/kg; Per KDB 941225 D05, smaller bandwidth SAR testing is not required.





| LTE Band 2 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 1.4                                    | 1       | 0         | QPSK   | 24.62  | 24.68  | 24.54   |
| 1.4                                    | 1       | 2         |        | 24.68  | 24.70  | 24.56   |
| 1.4                                    | 1       | 5         |        | 24.62  | 24.66  | 24.55   |
| 1.4                                    | 3       | 0         |        | 24.70  | 24.75  | 24.59   |
| 1.4                                    | 3       | 1         |        | 24.71  | 24.75  | 24.62   |
| 1.4                                    | 3       | 2         |        | 24.69  | 24.69  | 24.61   |
| 1.4                                    | 6       | 0         |        | 23.68  | 23.80  | 23.65   |
| 1.4                                    | 1       | 0         | 16-QAM | 23.95  | 23.62  | 23.82   |
| 1.4                                    | 1       | 2         |        | 23.94  | 23.66  | 23.82   |
| 1.4                                    | 1       | 5         |        | 23.96  | 23.63  | 23.81   |
| 1.4                                    | 3       | 0         |        | 23.88  | 23.90  | 23.83   |
| 1.4                                    | 3       | 1         |        | 23.88  | 23.91  | 23.85   |
| 1.4                                    | 3       | 2         |        | 23.89  | 23.87  | 23.83   |
| 1.4                                    | 6       | 0         |        | 22.86  | 22.92  | 22.79   |
| 3                                      | 1       | 0         | QPSK   | 24.80  | 24.64  | 24.56   |
| 3                                      | 1       | 7         |        | 24.78  | 24.65  | 24.65   |
| 3                                      | 1       | 14        |        | 24.77  | 24.61  | 24.66   |
| 3                                      | 8       | 0         |        | 23.65  | 23.66  | 23.64   |
| 3                                      | 8       | 4         |        | 23.72  | 23.68  | 23.63   |
| 3                                      | 8       | 7         |        | 23.69  | 23.64  | 23.60   |
| 3                                      | 15      | 0         |        | 23.70  | 23.67  | 23.67   |
| 3                                      | 1       | 0         | 16-QAM | 24.11  | 23.90  | 23.53   |
| 3                                      | 1       | 7         |        | 24.14  | 23.95  | 23.56   |
| 3                                      | 1       | 14        |        | 24.09  | 23.91  | 23.56   |
| 3                                      | 8       | 0         |        | 22.73  | 22.74  | 22.66   |
| 3                                      | 8       | 4         |        | 22.75  | 22.72  | 22.66   |
| 3                                      | 8       | 7         |        | 22.72  | 22.68  | 22.62   |
| 3                                      | 15      | 0         |        | 22.75  | 22.65  | 22.72   |



| LTE Band 2 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                      | 1       | 0         | QPSK   | 24.85  | 24.73  | 24.69   |
| 5                                      | 1       | 12        |        | 24.84  | 24.72  | 24.75   |
| 5                                      | 1       | 24        |        | 24.87  | 24.72  | 24.80   |
| 5                                      | 12      | 0         |        | 23.75  | 23.77  | 23.66   |
| 5                                      | 12      | 6         |        | 23.70  | 23.75  | 23.64   |
| 5                                      | 12      | 11        |        | 23.66  | 23.71  | 23.60   |
| 5                                      | 25      | 0         |        | 23.71  | 23.74  | 23.64   |
| 5                                      | 1       | 0         | 16-QAM | 24.23  | 24.03  | 23.97   |
| 5                                      | 1       | 12        |        | 24.21  | 24.06  | 23.99   |
| 5                                      | 1       | 24        |        | 24.19  | 24.05  | 24.08   |
| 5                                      | 12      | 0         |        | 22.70  | 22.79  | 22.64   |
| 5                                      | 12      | 6         |        | 22.65  | 22.79  | 22.62   |
| 5                                      | 12      | 11        |        | 22.64  | 22.74  | 22.56   |
| 5                                      | 25      | 0         |        | 22.71  | 22.72  | 22.63   |
| 10                                     | 1       | 0         | QPSK   | 24.69  | 24.83  | 24.46   |
| 10                                     | 1       | 24        |        | 24.76  | 24.85  | 24.57   |
| 10                                     | 1       | 49        |        | 24.70  | 24.78  | 24.61   |
| 10                                     | 25      | 0         |        | 23.71  | 23.78  | 23.61   |
| 10                                     | 25      | 12        |        | 23.75  | 23.76  | 23.63   |
| 10                                     | 25      | 24        |        | 23.69  | 23.72  | 23.62   |
| 10                                     | 50      | 0         |        | 23.70  | 23.72  | 23.63   |
| 10                                     | 1       | 0         | 16-QAM | 23.64  | 24.10  | 23.69   |
| 10                                     | 1       | 24        |        | 23.67  | 24.14  | 23.76   |
| 10                                     | 1       | 49        |        | 23.64  | 24.10  | 23.84   |
| 10                                     | 25      | 0         |        | 22.72  | 22.75  | 22.61   |
| 10                                     | 25      | 12        |        | 22.74  | 22.75  | 22.64   |
| 10                                     | 25      | 24        |        | 22.68  | 22.77  | 22.63   |
| 10                                     | 50      | 0         |        | 22.66  | 22.73  | 22.63   |



| LTE Band 2 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 15                                     | 1       | 0         | QPSK   | 24.78  | 24.78  | 24.40   |
| 15                                     | 1       | 37        |        | 24.78  | 24.82  | 24.49   |
| 15                                     | 1       | 74        |        | 24.78  | 24.70  | 24.51   |
| 15                                     | 36      | 0         |        | 23.64  | 23.64  | 23.55   |
| 15                                     | 36      | 18        |        | 23.67  | 23.73  | 23.60   |
| 15                                     | 36      | 39        |        | 23.66  | 23.62  | 23.56   |
| 15                                     | 75      | 0         |        | 23.69  | 23.67  | 23.55   |
| 15                                     | 1       | 0         | 16-QAM | 23.83  | 24.06  | 23.69   |
| 15                                     | 1       | 38        |        | 23.87  | 24.12  | 23.76   |
| 15                                     | 1       | 75        |        | 23.88  | 24.05  | 23.81   |
| 15                                     | 36      | 0         |        | 22.65  | 22.74  | 22.61   |
| 15                                     | 36      | 18        |        | 22.65  | 22.78  | 22.68   |
| 15                                     | 36      | 39        |        | 22.66  | 22.67  | 22.69   |
| 15                                     | 75      | 0         |        | 22.74  | 22.67  | 22.58   |
| 20                                     | 1       | 0         | QPSK   | 24.49  | 24.76  | 24.56   |
| 20                                     | 1       | 49        |        | 24.59  | 24.89  | 24.61   |
| 20                                     | 1       | 99        |        | 24.58  | 24.77  | 24.63   |
| 20                                     | 50      | 0         |        | 23.72  | 23.73  | 23.62   |
| 20                                     | 50      | 24        |        | 23.74  | 23.75  | 23.65   |
| 20                                     | 50      | 49        |        | 23.77  | 23.69  | 23.57   |
| 20                                     | 100     | 0         |        | 23.72  | 23.70  | 23.60   |
| 20                                     | 1       | 0         | 16-QAM | 23.90  | 24.10  | 23.71   |
| 20                                     | 1       | 49        |        | 24.02  | 24.24  | 23.78   |
| 20                                     | 1       | 99        |        | 24.01  | 24.08  | 23.81   |
| 20                                     | 50      | 0         |        | 22.71  | 22.74  | 22.54   |
| 20                                     | 50      | 24        |        | 22.73  | 22.81  | 22.60   |
| 20                                     | 50      | 49        |        | 22.78  | 22.67  | 22.54   |
| 20                                     | 100     | 0         |        | 22.68  | 22.63  | 22.52   |



| LTE Band 4 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 1.4                                    | 1       | 0         | QPSK   | 24.75  | 24.25  | 24.39   |
| 1.4                                    | 1       | 2         |        | 24.71  | 24.30  | 24.48   |
| 1.4                                    | 1       | 5         |        | 24.71  | 24.25  | 24.40   |
| 1.4                                    | 3       | 0         |        | 24.67  | 24.22  | 24.53   |
| 1.4                                    | 3       | 1         |        | 24.68  | 24.20  | 24.51   |
| 1.4                                    | 3       | 2         |        | 24.68  | 24.19  | 24.51   |
| 1.4                                    | 6       | 0         |        | 23.74  | 23.28  | 23.51   |
| 1.4                                    | 1       | 0         | 16-QAM | 23.61  | 23.44  | 23.76   |
| 1.4                                    | 1       | 2         |        | 23.66  | 23.45  | 23.74   |
| 1.4                                    | 1       | 5         |        | 23.65  | 23.43  | 23.74   |
| 1.4                                    | 3       | 0         |        | 23.84  | 23.44  | 23.68   |
| 1.4                                    | 3       | 1         |        | 23.86  | 23.45  | 23.69   |
| 1.4                                    | 3       | 2         |        | 23.87  | 23.41  | 23.68   |
| 1.4                                    | 6       | 0         |        | 22.83  | 22.41  | 22.66   |
| 3                                      | 1       | 0         | QPSK   | 24.80  | 24.23  | 24.52   |
| 3                                      | 1       | 7         |        | 24.81  | 24.22  | 24.60   |
| 3                                      | 1       | 14        |        | 24.77  | 24.17  | 24.57   |
| 3                                      | 8       | 0         |        | 23.65  | 23.26  | 23.54   |
| 3                                      | 8       | 4         |        | 23.69  | 23.23  | 23.54   |
| 3                                      | 8       | 7         |        | 23.68  | 23.19  | 23.51   |
| 3                                      | 15      | 0         |        | 23.71  | 23.20  | 23.55   |
| 3                                      | 1       | 0         | 16-QAM | 24.09  | 23.52  | 23.48   |
| 3                                      | 1       | 7         |        | 24.11  | 23.52  | 23.50   |
| 3                                      | 1       | 14        |        | 24.10  | 23.51  | 23.44   |
| 3                                      | 8       | 0         |        | 22.74  | 22.27  | 22.53   |
| 3                                      | 8       | 4         |        | 22.74  | 22.27  | 22.52   |
| 3                                      | 8       | 7         |        | 22.74  | 22.23  | 22.53   |
| 3                                      | 15      | 0         |        | 22.76  | 22.17  | 22.60   |



| LTE Band 4 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                      | 1       | 0         | QPSK   | 24.83  | 24.41  | 24.53   |
| 5                                      | 1       | 12        |        | 24.85  | 24.41  | 24.56   |
| 5                                      | 1       | 24        |        | 24.84  | 24.44  | 24.58   |
| 5                                      | 12      | 0         |        | 23.75  | 23.29  | 23.55   |
| 5                                      | 12      | 6         |        | 23.69  | 23.28  | 23.57   |
| 5                                      | 12      | 11        |        | 23.74  | 23.24  | 23.56   |
| 5                                      | 25      | 0         |        | 23.69  | 23.29  | 23.58   |
| 5                                      | 1       | 0         | 16-QAM | 24.15  | 23.82  | 23.84   |
| 5                                      | 1       | 12        |        | 24.18  | 23.80  | 23.84   |
| 5                                      | 1       | 24        |        | 24.16  | 23.79  | 23.84   |
| 5                                      | 12      | 0         |        | 22.73  | 22.22  | 22.59   |
| 5                                      | 12      | 6         |        | 22.67  | 22.20  | 22.61   |
| 5                                      | 12      | 11        |        | 22.69  | 22.18  | 22.62   |
| 5                                      | 25      | 0         |        | 22.65  | 22.31  | 22.56   |
| 10                                     | 1       | 0         | QPSK   | 24.64  | 24.39  | 24.52   |
| 10                                     | 1       | 24        |        | 24.69  | 24.39  | 24.61   |
| 10                                     | 1       | 49        |        | 24.55  | 24.32  | 24.66   |
| 10                                     | 25      | 0         |        | 23.65  | 23.34  | 23.47   |
| 10                                     | 25      | 12        |        | 23.66  | 23.27  | 23.56   |
| 10                                     | 25      | 24        |        | 23.68  | 23.22  | 23.60   |
| 10                                     | 50      | 0         |        | 23.72  | 23.30  | 23.54   |
| 10                                     | 1       | 0         | 16-QAM | 23.86  | 23.30  | 23.85   |
| 10                                     | 1       | 24        |        | 23.93  | 23.24  | 23.94   |
| 10                                     | 1       | 49        |        | 23.79  | 23.22  | 23.93   |
| 10                                     | 25      | 0         |        | 22.69  | 22.35  | 22.49   |
| 10                                     | 25      | 12        |        | 22.71  | 22.24  | 22.55   |
| 10                                     | 25      | 24        |        | 22.74  | 22.22  | 22.64   |
| 10                                     | 50      | 0         |        | 22.74  | 22.28  | 22.55   |



| LTE Band 4 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 15                                     | 1       | 0         | QPSK   | 24.73  | 24.23  | 24.36   |
| 15                                     | 1       | 37        |        | 24.73  | 24.21  | 24.65   |
| 15                                     | 1       | 74        |        | 24.48  | 24.17  | 24.63   |
| 15                                     | 36      | 0         |        | 23.62  | 23.29  | 23.37   |
| 15                                     | 36      | 18        |        | 23.57  | 23.23  | 23.45   |
| 15                                     | 36      | 39        |        | 23.55  | 23.25  | 23.50   |
| 15                                     | 75      | 0         |        | 23.61  | 23.25  | 23.47   |
| 15                                     | 1       | 0         | 16-QAM | 24.05  | 23.54  | 23.42   |
| 15                                     | 1       | 38        |        | 24.04  | 23.50  | 23.71   |
| 15                                     | 1       | 75        |        | 23.85  | 23.48  | 23.72   |
| 15                                     | 36      | 0         |        | 22.66  | 22.41  | 22.34   |
| 15                                     | 36      | 18        |        | 22.66  | 22.31  | 22.44   |
| 15                                     | 36      | 39        |        | 22.59  | 22.32  | 22.54   |
| 15                                     | 75      | 0         |        | 22.61  | 22.25  | 22.52   |
| 20                                     | 1       | 0         | QPSK   | 24.93  | 24.99  | 24.68   |
| 20                                     | 1       | 49        |        | 24.95  | 24.88  | 25.04   |
| 20                                     | 1       | 99        |        | 24.67  | 24.98  | 25.02   |
| 20                                     | 50      | 0         |        | 24.11  | 23.90  | 23.78   |
| 20                                     | 50      | 24        |        | 24.09  | 23.80  | 24.01   |
| 20                                     | 50      | 49        |        | 23.92  | 23.77  | 24.12   |
| 20                                     | 100     | 0         |        | 24.02  | 23.79  | 23.91   |
| 20                                     | 1       | 0         | 16-QAM | 24.42  | 24.36  | 23.87   |
| 20                                     | 1       | 49        |        | 24.43  | 24.29  | 24.19   |
| 20                                     | 1       | 99        |        | 24.09  | 24.37  | 24.20   |
| 20                                     | 50      | 0         |        | 23.09  | 22.90  | 22.77   |
| 20                                     | 50      | 24        |        | 23.12  | 22.80  | 22.95   |
| 20                                     | 50      | 49        |        | 22.97  | 22.82  | 23.07   |
| 20                                     | 100     | 0         |        | 22.98  | 22.79  | 22.93   |



| LTE Band 5 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 1.4                                    | 1       | 0         | QPSK   | 24.30  | 24.39  | 24.39   |
| 1.4                                    | 1       | 2         |        | 24.35  | 24.43  | 24.45   |
| 1.4                                    | 1       | 5         |        | 24.32  | 24.38  | 24.42   |
| 1.4                                    | 3       | 0         |        | 24.29  | 24.30  | 24.45   |
| 1.4                                    | 3       | 1         |        | 24.30  | 24.30  | 24.47   |
| 1.4                                    | 3       | 2         |        | 24.33  | 24.32  | 24.45   |
| 1.4                                    | 6       | 0         |        | 23.30  | 23.35  | 23.46   |
| 1.4                                    | 1       | 0         | 16-QAM | 23.19  | 23.56  | 23.69   |
| 1.4                                    | 1       | 2         |        | 23.23  | 23.58  | 23.66   |
| 1.4                                    | 1       | 5         |        | 23.22  | 23.58  | 23.72   |
| 1.4                                    | 3       | 0         |        | 23.46  | 23.51  | 23.61   |
| 1.4                                    | 3       | 1         |        | 23.46  | 23.53  | 23.67   |
| 1.4                                    | 3       | 2         |        | 23.47  | 23.50  | 23.69   |
| 1.4                                    | 6       | 0         |        | 22.46  | 22.50  | 22.65   |
| 3                                      | 1       | 0         | QPSK   | 24.27  | 24.25  | 24.41   |
| 3                                      | 1       | 7         |        | 24.36  | 24.34  | 24.50   |
| 3                                      | 1       | 14        |        | 24.30  | 24.33  | 24.49   |
| 3                                      | 8       | 0         |        | 23.30  | 23.21  | 23.40   |
| 3                                      | 8       | 4         |        | 23.27  | 23.29  | 23.44   |
| 3                                      | 8       | 7         |        | 23.32  | 23.32  | 23.38   |
| 3                                      | 15      | 0         |        | 23.29  | 23.29  | 23.44   |
| 3                                      | 1       | 0         | 16-QAM | 23.73  | 23.48  | 23.34   |
| 3                                      | 1       | 7         |        | 23.79  | 23.59  | 23.40   |
| 3                                      | 1       | 14        |        | 23.72  | 23.58  | 23.39   |
| 3                                      | 8       | 0         |        | 22.36  | 22.26  | 22.43   |
| 3                                      | 8       | 4         |        | 22.31  | 22.29  | 22.45   |
| 3                                      | 8       | 7         |        | 22.31  | 22.35  | 22.42   |
| 3                                      | 15      | 0         |        | 22.30  | 22.26  | 22.54   |



| LTE Band 5 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                      | 1       | 0         | QPSK   | 24.29  | 24.28  | 24.47   |
| 5                                      | 1       | 12        |        | 24.35  | 24.37  | 24.53   |
| 5                                      | 1       | 24        |        | 24.36  | 24.34  | 24.58   |
| 5                                      | 12      | 0         |        | 23.37  | 23.25  | 23.42   |
| 5                                      | 12      | 6         |        | 23.32  | 23.31  | 23.41   |
| 5                                      | 12      | 11        |        | 23.21  | 23.33  | 23.39   |
| 5                                      | 25      | 0         |        | 23.35  | 23.31  | 23.41   |
| 5                                      | 1       | 0         | 16-QAM | 23.64  | 23.62  | 23.92   |
| 5                                      | 1       | 12        |        | 23.70  | 23.72  | 23.96   |
| 5                                      | 1       | 24        |        | 23.71  | 23.70  | 24.01   |
| 5                                      | 12      | 0         |        | 22.28  | 22.27  | 22.40   |
| 5                                      | 12      | 6         |        | 22.24  | 22.32  | 22.43   |
| 5                                      | 12      | 11        |        | 22.18  | 22.27  | 22.35   |
| 5                                      | 25      | 0         |        | 22.36  | 22.28  | 22.44   |
| 10                                     | 1       | 0         | QPSK   | 24.78  | 24.76  | 24.84   |
| 10                                     | 1       | 24        |        | 24.87  | 24.89  | 24.91   |
| 10                                     | 1       | 49        |        | 24.81  | 24.89  | 25.02   |
| 10                                     | 25      | 0         |        | 23.86  | 23.64  | 23.83   |
| 10                                     | 25      | 12        |        | 23.76  | 23.84  | 23.90   |
| 10                                     | 25      | 24        |        | 23.89  | 23.82  | 23.93   |
| 10                                     | 50      | 0         |        | 23.90  | 23.78  | 23.91   |
| 10                                     | 1       | 0         | 16-QAM | 23.65  | 24.13  | 24.00   |
| 10                                     | 1       | 24        |        | 23.69  | 24.33  | 24.08   |
| 10                                     | 1       | 49        |        | 23.67  | 24.34  | 24.17   |
| 10                                     | 25      | 0         |        | 22.83  | 22.67  | 22.85   |
| 10                                     | 25      | 12        |        | 22.77  | 22.88  | 22.92   |
| 10                                     | 25      | 24        |        | 22.89  | 22.88  | 22.93   |
| 10                                     | 50      | 0         |        | 22.86  | 22.74  | 22.89   |





| LTE Band 7 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                      | 1       | 0         | QPSK   | 24.99  | 25.22  | 23.85   |
| 5                                      | 1       | 12        |        | 24.86  | 25.07  | 23.29   |
| 5                                      | 1       | 24        |        | 24.83  | 24.99  | 22.85   |
| 5                                      | 12      | 0         |        | 24.90  | 25.23  | 23.59   |
| 5                                      | 12      | 6         |        | 24.85  | 25.17  | 23.32   |
| 5                                      | 12      | 11        |        | 24.79  | 25.11  | 23.03   |
| 5                                      | 25      | 0         |        | 24.86  | 25.17  | 23.32   |
| 5                                      | 1       | 0         | 16-QAM | 25.05  | 25.32  | 24.14   |
| 5                                      | 1       | 12        |        | 24.92  | 25.18  | 23.62   |
| 5                                      | 1       | 24        |        | 24.90  | 25.12  | 23.19   |
| 5                                      | 12      | 0         |        | 24.42  | 24.29  | 23.50   |
| 5                                      | 12      | 6         |        | 24.37  | 24.27  | 23.23   |
| 5                                      | 12      | 11        |        | 24.35  | 24.23  | 22.96   |
| 5                                      | 25      | 0         |        | 24.48  | 24.24  | 23.23   |
| 10                                     | 1       | 0         | QPSK   | 24.78  | 25.21  | 24.34   |
| 10                                     | 1       | 24        |        | 24.85  | 25.26  | 23.78   |
| 10                                     | 1       | 49        |        | 24.91  | 25.18  | 22.97   |
| 10                                     | 25      | 0         |        | 24.88  | 25.21  | 24.16   |
| 10                                     | 25      | 12        |        | 24.92  | 25.23  | 23.84   |
| 10                                     | 25      | 24        |        | 24.98  | 25.22  | 23.44   |
| 10                                     | 50      | 0         |        | 24.93  | 25.23  | 23.82   |
| 10                                     | 1       | 0         | 16-QAM | 24.76  | 24.78  | 24.55   |
| 10                                     | 1       | 24        |        | 24.84  | 24.84  | 24.03   |
| 10                                     | 1       | 49        |        | 24.91  | 24.78  | 23.27   |
| 10                                     | 25      | 0         |        | 24.47  | 24.27  | 24.09   |
| 10                                     | 25      | 12        |        | 24.45  | 24.26  | 23.78   |
| 10                                     | 25      | 24        |        | 24.49  | 24.29  | 23.40   |
| 10                                     | 50      | 0         |        | 24.47  | 24.26  | 23.75   |



| LTE Band 7 Maximum Average Power [dBm] |         |           |        |        |        |         |
|----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                               | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 15                                     | 1       | 0         | QPSK   | 24.90  | 25.11  | 24.62   |
| 15                                     | 1       | 37        |        | 24.91  | 25.09  | 24.13   |
| 15                                     | 1       | 74        |        | 24.97  | 24.92  | 22.98   |
| 15                                     | 36      | 0         |        | 24.88  | 25.19  | 24.53   |
| 15                                     | 36      | 18        |        | 24.88  | 25.17  | 24.18   |
| 15                                     | 36      | 39        |        | 24.93  | 25.13  | 23.63   |
| 15                                     | 75      | 0         |        | 24.90  | 25.16  | 24.11   |
| 15                                     | 1       | 0         | 16-QAM | 24.79  | 25.30  | 24.64   |
| 15                                     | 1       | 38        |        | 24.81  | 25.30  | 24.17   |
| 15                                     | 1       | 75        |        | 24.87  | 25.17  | 23.08   |
| 15                                     | 36      | 0         |        | 24.38  | 24.27  | 24.23   |
| 15                                     | 36      | 18        |        | 24.35  | 24.28  | 24.16   |
| 15                                     | 36      | 39        |        | 24.37  | 24.21  | 23.64   |
| 15                                     | 75      | 0         |        | 24.44  | 24.22  | 24.03   |
| 20                                     | 1       | 0         | QPSK   | 25.36  | 25.70  | 25.16   |
| 20                                     | 1       | 49        |        | 25.42  | 25.71  | 24.94   |
| 20                                     | 1       | 99        |        | 25.43  | 25.61  | 24.37   |
| 20                                     | 50      | 0         |        | 25.12  | 25.46  | 25.08   |
| 20                                     | 50      | 24        |        | 25.35  | 25.62  | 24.99   |
| 20                                     | 50      | 49        |        | 25.26  | 25.23  | 23.48   |
| 20                                     | 100     | 0         |        | 25.37  | 25.63  | 24.76   |
| 20                                     | 1       | 0         | 16-QAM | 24.94  | 24.80  | 24.63   |
| 20                                     | 1       | 49        |        | 24.97  | 24.85  | 24.64   |
| 20                                     | 1       | 99        |        | 24.92  | 24.74  | 24.30   |
| 20                                     | 50      | 0         |        | 25.15  | 25.54  | 25.00   |
| 20                                     | 50      | 24        |        | 25.39  | 25.70  | 24.91   |
| 20                                     | 50      | 49        |        | 25.29  | 25.36  | 23.51   |
| 20                                     | 100     | 0         |        | 24.91  | 24.73  | 24.54   |



| LTE Band 12 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 1.4                                     | 1       | 0         | QPSK   | 24.44  | 24.38  | 24.32   |
| 1.4                                     | 1       | 2         |        | 24.53  | 24.39  | 24.39   |
| 1.4                                     | 1       | 5         |        | 24.44  | 24.35  | 24.34   |
| 1.4                                     | 3       | 0         |        | 24.47  | 24.42  | 24.32   |
| 1.4                                     | 3       | 1         |        | 24.45  | 24.40  | 24.32   |
| 1.4                                     | 3       | 2         |        | 24.46  | 24.40  | 24.30   |
| 1.4                                     | 6       | 0         |        | 23.47  | 23.38  | 23.39   |
| 1.4                                     | 1       | 0         | 16-QAM | 23.68  | 23.63  | 23.22   |
| 1.4                                     | 1       | 2         |        | 23.76  | 23.66  | 23.30   |
| 1.4                                     | 1       | 5         |        | 23.71  | 23.62  | 23.25   |
| 1.4                                     | 3       | 0         |        | 23.67  | 23.60  | 23.51   |
| 1.4                                     | 3       | 1         |        | 23.68  | 23.61  | 23.51   |
| 1.4                                     | 3       | 2         |        | 23.65  | 23.60  | 23.51   |
| 1.4                                     | 6       | 0         |        | 22.63  | 22.54  | 22.50   |
| 3                                       | 1       | 0         | QPSK   | 24.46  | 24.46  | 24.30   |
| 3                                       | 1       | 7         |        | 24.54  | 24.43  | 24.30   |
| 3                                       | 1       | 14        |        | 24.51  | 24.37  | 24.24   |
| 3                                       | 8       | 0         |        | 23.47  | 23.37  | 23.30   |
| 3                                       | 8       | 4         |        | 23.45  | 23.43  | 23.29   |
| 3                                       | 8       | 7         |        | 23.45  | 23.36  | 23.30   |
| 3                                       | 15      | 0         |        | 23.47  | 23.35  | 23.30   |
| 3                                       | 1       | 0         | 16-QAM | 23.42  | 23.84  | 23.55   |
| 3                                       | 1       | 7         |        | 23.43  | 23.87  | 23.56   |
| 3                                       | 1       | 14        |        | 23.38  | 23.80  | 23.52   |
| 3                                       | 8       | 0         |        | 22.46  | 22.35  | 22.36   |
| 3                                       | 8       | 4         |        | 22.46  | 22.41  | 22.33   |
| 3                                       | 8       | 7         |        | 22.45  | 22.36  | 22.34   |
| 3                                       | 15      | 0         |        | 22.54  | 22.41  | 22.29   |



| LTE Band 12 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                       | 1       | 0         | QPSK   | 24.46  | 24.47  | 24.38   |
| 5                                       | 1       | 12        |        | 24.51  | 24.53  | 24.42   |
| 5                                       | 1       | 24        |        | 24.52  | 24.48  | 24.55   |
| 5                                       | 12      | 0         |        | 23.43  | 23.43  | 23.34   |
| 5                                       | 12      | 6         |        | 23.47  | 23.43  | 23.34   |
| 5                                       | 12      | 11        |        | 23.46  | 23.39  | 23.28   |
| 5                                       | 25      | 0         |        | 23.44  | 23.38  | 23.35   |
| 5                                       | 1       | 0         | 16-QAM | 23.76  | 23.87  | 23.77   |
| 5                                       | 1       | 12        |        | 23.81  | 23.91  | 23.79   |
| 5                                       | 1       | 24        |        | 23.87  | 23.85  | 23.89   |
| 5                                       | 12      | 0         |        | 22.46  | 22.38  | 22.27   |
| 5                                       | 12      | 6         |        | 22.50  | 22.42  | 22.27   |
| 5                                       | 12      | 11        |        | 22.48  | 22.36  | 22.20   |
| 5                                       | 25      | 0         |        | 22.44  | 22.35  | 22.36   |
| 10                                      | 1       | 0         | QPSK   | 24.60  | 24.41  | 24.44   |
| 10                                      | 1       | 24        |        | 24.55  | 24.43  | 24.45   |
| 10                                      | 1       | 49        |        | 24.48  | 24.39  | 24.44   |
| 10                                      | 25      | 0         |        | 23.44  | 23.41  | 23.39   |
| 10                                      | 25      | 12        |        | 23.46  | 23.38  | 23.41   |
| 10                                      | 25      | 24        |        | 23.49  | 23.37  | 23.36   |
| 10                                      | 50      | 0         |        | 23.47  | 23.38  | 23.42   |
| 10                                      | 1       | 0         | 16-QAM | 23.93  | 23.58  | 23.34   |
| 10                                      | 1       | 24        |        | 23.95  | 23.63  | 23.30   |
| 10                                      | 1       | 49        |        | 23.86  | 23.55  | 23.31   |
| 10                                      | 25      | 0         |        | 22.44  | 22.40  | 22.42   |
| 10                                      | 25      | 12        |        | 22.49  | 22.40  | 22.38   |
| 10                                      | 25      | 24        |        | 22.47  | 22.33  | 22.34   |
| 10                                      | 50      | 0         |        | 22.45  | 22.40  | 22.34   |



| LTE Band 13 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                       | 1       | 0         | QPSK   | 24.38  | 24.33  | 24.18   |
| 5                                       | 1       | 12        |        | 24.41  | 24.30  | 24.20   |
| 5                                       | 1       | 24        |        | 24.34  | 24.26  | 24.13   |
| 5                                       | 12      | 0         |        | 23.25  | 23.19  | 23.19   |
| 5                                       | 12      | 6         |        | 23.27  | 23.24  | 23.16   |
| 5                                       | 12      | 11        |        | 23.34  | 23.19  | 23.11   |
| 5                                       | 25      | 0         |        | 23.28  | 23.21  | 23.21   |
| 5                                       | 1       | 0         | 16-QAM | 23.81  | 23.71  | 23.54   |
| 5                                       | 1       | 12        |        | 23.82  | 23.69  | 23.52   |
| 5                                       | 1       | 24        |        | 23.79  | 23.58  | 23.50   |
| 5                                       | 12      | 0         |        | 22.17  | 22.16  | 22.21   |
| 5                                       | 12      | 6         |        | 22.28  | 22.17  | 22.18   |
| 5                                       | 12      | 11        |        | 22.29  | 22.08  | 22.11   |
| 5                                       | 25      | 0         |        | 22.25  | 22.22  | 22.13   |
| 10                                      | 1       | 0         | QPSK   | /      | 24.80  | /       |
| 10                                      | 1       | 24        |        | /      | 24.78  | /       |
| 10                                      | 1       | 49        |        | /      | 24.65  | /       |
| 10                                      | 25      | 0         |        | /      | 23.62  | /       |
| 10                                      | 25      | 12        |        | /      | 23.69  | /       |
| 10                                      | 25      | 24        |        | /      | 23.66  | /       |
| 10                                      | 50      | 0         |        | /      | 23.68  | /       |
| 10                                      | 1       | 0         | 16-QAM | /      | 24.19  | /       |
| 10                                      | 1       | 24        |        | /      | 24.18  | /       |
| 10                                      | 1       | 49        |        | /      | 24.11  | /       |
| 10                                      | 25      | 0         |        | /      | 22.71  | /       |
| 10                                      | 25      | 12        |        | /      | 22.75  | /       |
| 10                                      | 25      | 24        |        | /      | 22.67  | /       |
| 10                                      | 50      | 0         |        | /      | 22.64  | /       |



| LTE Band 17 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                       | 1       | 0         | QPSK   | 24.57  | 24.49  | 24.40   |
| 5                                       | 1       | 12        |        | 24.60  | 24.58  | 24.43   |
| 5                                       | 1       | 24        |        | 24.64  | 24.55  | 24.45   |
| 5                                       | 12      | 0         |        | 23.49  | 23.52  | 23.41   |
| 5                                       | 12      | 6         |        | 23.49  | 23.45  | 23.44   |
| 5                                       | 12      | 11        |        | 23.52  | 23.40  | 23.38   |
| 5                                       | 25      | 0         |        | 23.47  | 23.45  | 23.40   |
| 5                                       | 1       | 0         | 16-QAM | 23.95  | 23.88  | 23.77   |
| 5                                       | 1       | 12        |        | 23.98  | 23.96  | 23.76   |
| 5                                       | 1       | 24        |        | 24.01  | 23.89  | 23.82   |
| 5                                       | 12      | 0         |        | 22.44  | 22.42  | 22.43   |
| 5                                       | 12      | 6         |        | 22.49  | 22.38  | 22.44   |
| 5                                       | 12      | 11        |        | 22.48  | 22.34  | 22.37   |
| 5                                       | 25      | 0         |        | 22.46  | 22.48  | 22.39   |
| 10                                      | 1       | 0         | QPSK   | 24.97  | 25.00  | 24.98   |
| 10                                      | 1       | 24        |        | 25.10  | 25.04  | 24.98   |
| 10                                      | 1       | 49        |        | 24.94  | 24.98  | 24.95   |
| 10                                      | 25      | 0         |        | 23.93  | 23.98  | 23.96   |
| 10                                      | 25      | 12        |        | 23.96  | 24.00  | 23.94   |
| 10                                      | 25      | 24        |        | 23.95  | 23.94  | 23.89   |
| 10                                      | 50      | 0         |        | 23.95  | 24.00  | 23.97   |
| 10                                      | 1       | 0         | 16-QAM | 23.86  | 24.38  | 24.16   |
| 10                                      | 1       | 24        |        | 23.94  | 24.42  | 24.16   |
| 10                                      | 1       | 49        |        | 23.82  | 24.30  | 24.11   |
| 10                                      | 25      | 0         |        | 22.92  | 22.97  | 22.98   |
| 10                                      | 25      | 12        |        | 22.93  | 23.01  | 22.98   |
| 10                                      | 25      | 24        |        | 22.93  | 22.96  | 22.92   |
| 10                                      | 50      | 0         |        | 22.92  | 22.95  | 22.97   |



| LTE Band 25 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 1.4                                     | 1       | 0         | QPSK   | 24.35  | 24.31  | 24.29   |
| 1.4                                     | 1       | 2         |        | 24.37  | 24.37  | 24.27   |
| 1.4                                     | 1       | 5         |        | 24.33  | 24.31  | 24.24   |
| 1.4                                     | 3       | 0         |        | 24.36  | 24.39  | 24.30   |
| 1.4                                     | 3       | 1         |        | 24.37  | 24.39  | 24.32   |
| 1.4                                     | 3       | 2         |        | 24.36  | 24.40  | 24.31   |
| 1.4                                     | 6       | 0         |        | 23.39  | 23.37  | 20.74   |
| 1.4                                     | 1       | 0         | 16-QAM | 23.64  | 23.63  | 22.45   |
| 1.4                                     | 1       | 2         |        | 23.64  | 23.63  | 22.11   |
| 1.4                                     | 1       | 5         |        | 23.63  | 23.61  | 21.83   |
| 1.4                                     | 3       | 0         |        | 23.59  | 23.58  | 20.95   |
| 1.4                                     | 3       | 1         |        | 23.60  | 23.58  | 20.70   |
| 1.4                                     | 3       | 2         |        | 23.59  | 23.58  | 20.28   |
| 1.4                                     | 6       | 0         |        | 22.53  | 22.55  | 20.60   |
| 3                                       | 1       | 0         | QPSK   | 24.39  | 24.52  | 24.19   |
| 3                                       | 1       | 7         |        | 24.45  | 24.48  | 24.21   |
| 3                                       | 1       | 14        |        | 24.40  | 24.43  | 24.18   |
| 3                                       | 8       | 0         |        | 23.38  | 23.36  | 23.25   |
| 3                                       | 8       | 4         |        | 23.39  | 23.37  | 23.22   |
| 3                                       | 8       | 7         |        | 23.37  | 23.32  | 23.22   |
| 3                                       | 15      | 0         |        | 23.42  | 23.35  | 23.27   |
| 3                                       | 1       | 0         | 16-QAM | 23.40  | 23.79  | 23.51   |
| 3                                       | 1       | 7         |        | 23.34  | 23.81  | 23.51   |
| 3                                       | 1       | 14        |        | 23.35  | 23.80  | 23.49   |
| 3                                       | 8       | 0         |        | 22.40  | 22.42  | 22.31   |
| 3                                       | 8       | 4         |        | 22.41  | 22.42  | 22.27   |
| 3                                       | 8       | 7         |        | 22.42  | 22.42  | 22.29   |
| 3                                       | 15      | 0         |        | 22.49  | 22.45  | 22.27   |



| LTE Band 25 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 1.4                                     | 1       | 0         | QPSK   | 24.35  | 24.31  | 24.29   |
| 1.4                                     | 1       | 2         |        | 24.37  | 24.37  | 24.27   |
| 1.4                                     | 1       | 5         |        | 24.33  | 24.31  | 24.24   |
| 1.4                                     | 3       | 0         |        | 24.36  | 24.39  | 24.30   |
| 1.4                                     | 3       | 1         |        | 24.37  | 24.39  | 24.32   |
| 1.4                                     | 3       | 2         |        | 24.36  | 24.40  | 24.31   |
| 1.4                                     | 6       | 0         |        | 23.39  | 23.37  | 20.74   |
| 1.4                                     | 1       | 0         | 16-QAM | 23.64  | 23.63  | 22.45   |
| 1.4                                     | 1       | 2         |        | 23.64  | 23.63  | 22.11   |
| 1.4                                     | 1       | 5         |        | 23.63  | 23.61  | 21.83   |
| 1.4                                     | 3       | 0         |        | 23.59  | 23.58  | 20.95   |
| 1.4                                     | 3       | 1         |        | 23.60  | 23.58  | 20.70   |
| 1.4                                     | 3       | 2         |        | 23.59  | 23.58  | 20.28   |
| 1.4                                     | 6       | 0         |        | 22.53  | 22.55  | 20.60   |
| 3                                       | 1       | 0         | QPSK   | 24.39  | 24.52  | 24.19   |
| 3                                       | 1       | 7         |        | 24.45  | 24.48  | 24.21   |
| 3                                       | 1       | 14        |        | 24.40  | 24.43  | 24.18   |
| 3                                       | 8       | 0         |        | 23.38  | 23.36  | 23.25   |
| 3                                       | 8       | 4         |        | 23.39  | 23.37  | 23.22   |
| 3                                       | 8       | 7         |        | 23.37  | 23.32  | 23.22   |
| 3                                       | 15      | 0         |        | 23.42  | 23.35  | 23.27   |
| 3                                       | 1       | 0         | 16-QAM | 23.40  | 23.79  | 23.51   |
| 3                                       | 1       | 7         |        | 23.34  | 23.81  | 23.51   |
| 3                                       | 1       | 14        |        | 23.35  | 23.80  | 23.49   |
| 3                                       | 8       | 0         |        | 22.40  | 22.42  | 22.31   |
| 3                                       | 8       | 4         |        | 22.41  | 22.42  | 22.27   |
| 3                                       | 8       | 7         |        | 22.42  | 22.42  | 22.29   |
| 3                                       | 15      | 0         |        | 22.49  | 22.45  | 22.27   |





| LTE Band 25 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 1.4                                     | 1       | 0         | QPSK   | 24.35  | 24.31  | 24.29   |
| 1.4                                     | 1       | 2         |        | 24.37  | 24.37  | 24.27   |
| 1.4                                     | 1       | 5         |        | 24.33  | 24.31  | 24.24   |
| 1.4                                     | 3       | 0         |        | 24.36  | 24.39  | 24.30   |
| 1.4                                     | 3       | 1         |        | 24.37  | 24.39  | 24.32   |
| 1.4                                     | 3       | 2         |        | 24.36  | 24.40  | 24.31   |
| 1.4                                     | 6       | 0         |        | 23.39  | 23.37  | 20.74   |
| 1.4                                     | 1       | 0         | 16-QAM | 23.64  | 23.63  | 22.45   |
| 1.4                                     | 1       | 2         |        | 23.64  | 23.63  | 22.11   |
| 1.4                                     | 1       | 5         |        | 23.63  | 23.61  | 21.83   |
| 1.4                                     | 3       | 0         |        | 23.59  | 23.58  | 20.95   |
| 1.4                                     | 3       | 1         |        | 23.60  | 23.58  | 20.70   |
| 1.4                                     | 3       | 2         |        | 23.59  | 23.58  | 20.28   |
| 1.4                                     | 6       | 0         |        | 22.53  | 22.55  | 20.60   |
| 3                                       | 1       | 0         | QPSK   | 24.39  | 24.52  | 24.19   |
| 3                                       | 1       | 7         |        | 24.45  | 24.48  | 24.21   |
| 3                                       | 1       | 14        |        | 24.40  | 24.43  | 24.18   |
| 3                                       | 8       | 0         |        | 23.38  | 23.36  | 23.25   |
| 3                                       | 8       | 4         |        | 23.39  | 23.37  | 23.22   |
| 3                                       | 8       | 7         |        | 23.37  | 23.32  | 23.22   |
| 3                                       | 15      | 0         |        | 23.42  | 23.35  | 23.27   |
| 3                                       | 1       | 0         | 16-QAM | 23.40  | 23.79  | 23.51   |
| 3                                       | 1       | 7         |        | 23.34  | 23.81  | 23.51   |
| 3                                       | 1       | 14        |        | 23.35  | 23.80  | 23.49   |
| 3                                       | 8       | 0         |        | 22.40  | 22.42  | 22.31   |
| 3                                       | 8       | 4         |        | 22.41  | 22.42  | 22.27   |
| 3                                       | 8       | 7         |        | 22.42  | 22.42  | 22.29   |
| 3                                       | 15      | 0         |        | 22.49  | 22.45  | 22.27   |



| LTE Band 25 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 15                                      | 1       | 0         | QPSK   | 24.42  | 24.28  | 24.29   |
| 15                                      | 1       | 37        |        | 24.45  | 24.34  | 24.41   |
| 15                                      | 1       | 74        |        | 24.45  | 24.20  | 24.40   |
| 15                                      | 36      | 0         |        | 23.28  | 23.36  | 23.27   |
| 15                                      | 36      | 18        |        | 23.36  | 23.34  | 23.29   |
| 15                                      | 36      | 39        |        | 23.33  | 23.33  | 23.25   |
| 15                                      | 75      | 0         |        | 23.33  | 23.34  | 23.25   |
| 15                                      | 1       | 0         | 16-QAM | 23.74  | 23.56  | 23.37   |
| 15                                      | 1       | 38        |        | 23.79  | 23.62  | 23.51   |
| 15                                      | 1       | 75        |        | 23.77  | 23.51  | 23.45   |
| 15                                      | 36      | 0         |        | 22.35  | 22.45  | 22.25   |
| 15                                      | 36      | 18        |        | 22.38  | 22.43  | 22.27   |
| 15                                      | 36      | 39        |        | 22.37  | 22.39  | 22.20   |
| 15                                      | 75      | 0         |        | 22.32  | 22.34  | 22.27   |
| 20                                      | 1       | 0         | QPSK   | 24.92  | 24.83  | 24.52   |
| 20                                      | 1       | 49        |        | 25.00  | 24.95  | 24.69   |
| 20                                      | 1       | 99        |        | 24.97  | 24.79  | 24.66   |
| 20                                      | 50      | 0         |        | 23.84  | 23.95  | 23.74   |
| 20                                      | 50      | 24        |        | 23.89  | 23.96  | 23.87   |
| 20                                      | 50      | 49        |        | 23.92  | 23.83  | 23.67   |
| 20                                      | 100     | 0         |        | 23.91  | 23.81  | 23.72   |
| 20                                      | 1       | 0         | 16-QAM | 24.26  | 24.07  | 23.96   |
| 20                                      | 1       | 49        |        | 24.36  | 24.10  | 24.11   |
| 20                                      | 1       | 99        |        | 24.33  | 24.01  | 24.07   |
| 20                                      | 50      | 0         |        | 22.92  | 22.91  | 22.78   |
| 20                                      | 50      | 24        |        | 22.94  | 22.93  | 22.88   |
| 20                                      | 50      | 49        |        | 22.96  | 22.78  | 22.72   |
| 20                                      | 100     | 0         |        | 22.90  | 22.81  | 22.68   |



| LTE Band 26 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 1.4                                     | 1       | 0         | QPSK   | 24.35  | 24.30  | 24.19   |
| 1.4                                     | 1       | 2         |        | 24.41  | 24.38  | 24.24   |
| 1.4                                     | 1       | 5         |        | 24.30  | 24.34  | 24.18   |
| 1.4                                     | 3       | 0         |        | 24.37  | 24.24  | 24.22   |
| 1.4                                     | 3       | 1         |        | 24.35  | 24.27  | 24.21   |
| 1.4                                     | 3       | 2         |        | 24.34  | 24.29  | 24.22   |
| 1.4                                     | 6       | 0         |        | 23.32  | 23.31  | 23.20   |
| 1.4                                     | 1       | 0         | 16-QAM | 23.26  | 23.50  | 23.42   |
| 1.4                                     | 1       | 2         |        | 23.28  | 23.52  | 23.44   |
| 1.4                                     | 1       | 5         |        | 23.23  | 23.48  | 23.43   |
| 1.4                                     | 3       | 0         |        | 23.50  | 23.48  | 23.44   |
| 1.4                                     | 3       | 1         |        | 23.51  | 23.49  | 23.46   |
| 1.4                                     | 3       | 2         |        | 23.48  | 23.45  | 23.44   |
| 1.4                                     | 6       | 0         |        | 22.47  | 22.43  | 22.37   |
| 3                                       | 1       | 0         | QPSK   | 24.34  | 24.25  | 24.22   |
| 3                                       | 1       | 7         |        | 24.29  | 24.30  | 24.24   |
| 3                                       | 1       | 14        |        | 24.26  | 24.32  | 24.20   |
| 3                                       | 8       | 0         |        | 23.28  | 23.22  | 23.20   |
| 3                                       | 8       | 4         |        | 23.27  | 23.24  | 23.20   |
| 3                                       | 8       | 7         |        | 23.30  | 23.24  | 23.20   |
| 3                                       | 15      | 0         |        | 23.30  | 23.26  | 23.22   |
| 3                                       | 1       | 0         | 16-QAM | 23.56  | 23.18  | 23.68   |
| 3                                       | 1       | 7         |        | 23.51  | 23.21  | 23.72   |
| 3                                       | 1       | 14        |        | 23.51  | 23.17  | 23.66   |
| 3                                       | 8       | 0         |        | 22.30  | 22.23  | 22.23   |
| 3                                       | 8       | 4         |        | 22.29  | 22.23  | 22.20   |
| 3                                       | 8       | 7         |        | 22.34  | 22.23  | 22.23   |
| 3                                       | 15      | 0         |        | 22.25  | 22.34  | 22.22   |



| LTE Band 26 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                       | 1       | 0         | QPSK   | 24.38  | 24.27  | 24.34   |
| 5                                       | 1       | 12        |        | 24.35  | 24.31  | 24.30   |
| 5                                       | 1       | 24        |        | 24.38  | 24.27  | 24.31   |
| 5                                       | 12      | 0         |        | 23.29  | 23.21  | 23.26   |
| 5                                       | 12      | 6         |        | 23.29  | 23.29  | 23.24   |
| 5                                       | 12      | 11        |        | 23.34  | 23.25  | 23.18   |
| 5                                       | 25      | 0         |        | 23.35  | 23.29  | 23.24   |
| 5                                       | 1       | 0         | 16-QAM | 23.75  | 23.61  | 23.84   |
| 5                                       | 1       | 12        |        | 23.74  | 23.66  | 23.81   |
| 5                                       | 1       | 24        |        | 23.74  | 23.65  | 23.81   |
| 5                                       | 12      | 0         |        | 22.23  | 22.23  | 22.22   |
| 5                                       | 12      | 6         |        | 22.23  | 22.32  | 22.23   |
| 5                                       | 12      | 11        |        | 22.31  | 22.28  | 22.15   |
| 5                                       | 25      | 0         |        | 22.37  | 22.25  | 22.22   |
| 10                                      | 1       | 0         | QPSK   | /      | 24.86  | /       |
| 10                                      | 1       | 24        |        | /      | 24.88  | /       |
| 10                                      | 1       | 49        |        | /      | 24.81  | /       |
| 10                                      | 25      | 0         |        | /      | 23.69  | /       |
| 10                                      | 25      | 12        |        | /      | 23.79  | /       |
| 10                                      | 25      | 24        |        | /      | 23.72  | /       |
| 10                                      | 50      | 0         |        | /      | 23.75  | /       |
| 10                                      | 1       | 0         | 16-QAM | /      | 23.73  | /       |
| 10                                      | 1       | 24        |        | /      | 23.72  | /       |
| 10                                      | 1       | 49        |        | /      | 23.63  | /       |
| 10                                      | 25      | 0         |        | /      | 22.69  | /       |
| 10                                      | 25      | 12        |        | /      | 22.77  | /       |
| 10                                      | 25      | 24        |        | /      | 22.73  | /       |
| 10                                      | 50      | 0         |        | /      | 22.70  | /       |



| LTE Band 26 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 1.4                                     | 1       | 0         | QPSK   | 24.38  | 24.28  | 24.42   |
| 1.4                                     | 1       | 2         |        | 24.38  | 24.33  | 24.50   |
| 1.4                                     | 1       | 5         |        | 24.39  | 24.28  | 24.43   |
| 1.4                                     | 3       | 0         |        | 24.30  | 24.33  | 24.47   |
| 1.4                                     | 3       | 1         |        | 24.29  | 24.31  | 24.46   |
| 1.4                                     | 3       | 2         |        | 24.32  | 24.32  | 24.47   |
| 1.4                                     | 6       | 0         |        | 23.29  | 23.29  | 23.44   |
| 1.4                                     | 1       | 0         | 16-QAM | 23.54  | 23.56  | 23.31   |
| 1.4                                     | 1       | 2         |        | 23.52  | 23.54  | 23.37   |
| 1.4                                     | 1       | 5         |        | 23.53  | 23.58  | 23.36   |
| 1.4                                     | 3       | 0         |        | 23.48  | 23.53  | 23.61   |
| 1.4                                     | 3       | 1         |        | 23.51  | 23.55  | 23.61   |
| 1.4                                     | 3       | 2         |        | 23.48  | 23.54  | 23.57   |
| 1.4                                     | 6       | 0         |        | 22.45  | 22.46  | 22.59   |
| 3                                       | 1       | 0         | QPSK   | 24.29  | 24.27  | 24.39   |
| 3                                       | 1       | 7         |        | 24.32  | 24.25  | 24.48   |
| 3                                       | 1       | 14        |        | 24.27  | 24.32  | 24.47   |
| 3                                       | 8       | 0         |        | 23.31  | 23.22  | 23.41   |
| 3                                       | 8       | 4         |        | 23.28  | 23.28  | 23.39   |
| 3                                       | 8       | 7         |        | 23.28  | 23.26  | 23.35   |
| 3                                       | 15      | 0         |        | 23.33  | 23.27  | 23.46   |
| 3                                       | 1       | 0         | 16-QAM | 23.71  | 23.51  | 23.33   |
| 3                                       | 1       | 7         |        | 23.79  | 23.50  | 23.35   |
| 3                                       | 1       | 14        |        | 23.72  | 23.53  | 23.35   |
| 3                                       | 8       | 0         |        | 22.31  | 22.26  | 22.43   |
| 3                                       | 8       | 4         |        | 22.32  | 22.30  | 22.45   |
| 3                                       | 8       | 7         |        | 22.27  | 22.28  | 22.44   |
| 3                                       | 15      | 0         |        | 22.33  | 22.25  | 22.45   |



| LTE Band 26 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                       | 1       | 0         | QPSK   | 24.30  | 24.23  | 24.47   |
| 5                                       | 1       | 12        |        | 24.35  | 24.29  | 24.50   |
| 5                                       | 1       | 24        |        | 24.42  | 24.35  | 24.57   |
| 5                                       | 12      | 0         |        | 23.38  | 23.24  | 23.44   |
| 5                                       | 12      | 6         |        | 23.28  | 23.29  | 23.42   |
| 5                                       | 12      | 11        |        | 23.25  | 23.31  | 23.35   |
| 5                                       | 25      | 0         |        | 23.35  | 23.28  | 23.42   |
| 5                                       | 1       | 0         | 16-QAM | 23.67  | 23.61  | 23.93   |
| 5                                       | 1       | 12        |        | 23.74  | 23.66  | 23.95   |
| 5                                       | 1       | 24        |        | 23.75  | 23.72  | 24.00   |
| 5                                       | 12      | 0         |        | 22.33  | 22.31  | 22.43   |
| 5                                       | 12      | 6         |        | 22.21  | 22.32  | 22.41   |
| 5                                       | 12      | 11        |        | 22.18  | 22.30  | 22.33   |
| 5                                       | 25      | 0         |        | 22.35  | 22.25  | 22.37   |
| 10                                      | 1       | 0         | QPSK   | 24.29  | 24.24  | 24.33   |
| 10                                      | 1       | 24        |        | 24.32  | 24.39  | 24.46   |
| 10                                      | 1       | 49        |        | 24.27  | 24.45  | 24.50   |
| 10                                      | 25      | 0         |        | 23.35  | 23.17  | 23.35   |
| 10                                      | 25      | 12        |        | 23.31  | 23.31  | 23.43   |
| 10                                      | 25      | 24        |        | 23.36  | 23.39  | 23.39   |
| 10                                      | 50      | 0         |        | 23.38  | 23.28  | 23.40   |
| 10                                      | 1       | 0         | 16-QAM | 23.40  | 23.12  | 23.76   |
| 10                                      | 1       | 24        |        | 23.51  | 23.24  | 23.86   |
| 10                                      | 1       | 49        |        | 23.46  | 23.30  | 23.91   |
| 10                                      | 25      | 0         |        | 22.33  | 22.18  | 22.41   |
| 10                                      | 25      | 12        |        | 22.32  | 22.32  | 22.44   |
| 10                                      | 25      | 24        |        | 22.35  | 22.35  | 22.41   |
| 10                                      | 50      | 0         |        | 22.40  | 22.21  | 22.40   |



| LTE Band 26 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 15                                      | 1       | 0         | QPSK   | 24.73  | 24.78  | 24.72   |
| 15                                      | 1       | 37        |        | 24.75  | 24.84  | 24.87   |
| 15                                      | 1       | 74        |        | 24.81  | 24.93  | 24.95   |
| 15                                      | 36      | 0         |        | 23.77  | 23.62  | 23.81   |
| 15                                      | 36      | 18        |        | 23.74  | 23.76  | 23.87   |
| 15                                      | 36      | 39        |        | 23.88  | 23.86  | 23.89   |
| 15                                      | 75      | 0         |        | 23.89  | 23.75  | 23.86   |
| 15                                      | 1       | 0         | 16-QAM | 23.92  | 23.86  | 24.13   |
| 15                                      | 1       | 38        |        | 23.95  | 23.95  | 24.28   |
| 15                                      | 1       | 75        |        | 24.01  | 24.00  | 24.38   |
| 15                                      | 36      | 0         |        | 22.84  | 22.57  | 22.83   |
| 15                                      | 36      | 18        |        | 22.83  | 22.77  | 22.90   |
| 15                                      | 36      | 39        |        | 22.93  | 22.83  | 22.97   |
| 15                                      | 75      | 0         |        | 22.89  | 22.80  | 22.87   |



| LTE Band 38 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                       | 1       | 0         | QPSK   | 25.98  | 25.89  | 26.28   |
| 5                                       | 1       | 12        |        | 26.05  | 25.97  | 26.34   |
| 5                                       | 1       | 24        |        | 26.03  | 25.94  | 26.34   |
| 5                                       | 12      | 0         |        | 25.09  | 24.97  | 24.98   |
| 5                                       | 12      | 6         |        | 25.09  | 25.00  | 25.00   |
| 5                                       | 12      | 11        |        | 25.09  | 25.02  | 25.02   |
| 5                                       | 25      | 0         |        | 25.07  | 25.01  | 24.99   |
| 5                                       | 1       | 0         | 16-QAM | 25.20  | 25.16  | 25.53   |
| 5                                       | 1       | 12        |        | 25.24  | 25.27  | 25.46   |
| 5                                       | 1       | 24        |        | 25.23  | 25.23  | 25.51   |
| 5                                       | 12      | 0         |        | 23.97  | 23.99  | 23.98   |
| 5                                       | 12      | 6         |        | 23.97  | 24.02  | 23.97   |
| 5                                       | 12      | 11        |        | 24.00  | 24.04  | 23.99   |
| 5                                       | 25      | 0         |        | 24.09  | 23.99  | 23.97   |
| 10                                      | 1       | 0         | QPSK   | 26.13  | 25.95  | 25.81   |
| 10                                      | 1       | 24        |        | 26.19  | 26.01  | 25.91   |
| 10                                      | 1       | 49        |        | 26.15  | 25.96  | 25.87   |
| 10                                      | 25      | 0         |        | 25.06  | 24.98  | 24.93   |
| 10                                      | 25      | 12        |        | 25.11  | 25.01  | 24.99   |
| 10                                      | 25      | 24        |        | 25.09  | 25.02  | 25.03   |
| 10                                      | 50      | 0         |        | 25.06  | 25.03  | 24.96   |
| 10                                      | 1       | 0         | 16-QAM | 25.54  | 25.09  | 24.93   |
| 10                                      | 1       | 24        |        | 25.59  | 25.16  | 25.05   |
| 10                                      | 1       | 49        |        | 25.57  | 25.12  | 25.00   |
| 10                                      | 25      | 0         |        | 24.08  | 24.02  | 23.97   |
| 10                                      | 25      | 12        |        | 24.10  | 24.05  | 23.98   |
| 10                                      | 25      | 24        |        | 24.10  | 24.04  | 24.06   |
| 10                                      | 50      | 0         |        | 24.10  | 24.06  | 23.97   |





| LTE Band 38 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 15                                      | 1       | 0         | QPSK   | 26.06  | 25.85  | 26.16   |
| 15                                      | 1       | 37        |        | 26.11  | 25.96  | 26.23   |
| 15                                      | 1       | 74        |        | 26.11  | 25.87  | 26.20   |
| 15                                      | 36      | 0         |        | 24.96  | 24.95  | 24.89   |
| 15                                      | 36      | 18        |        | 24.99  | 25.00  | 24.93   |
| 15                                      | 36      | 39        |        | 25.01  | 24.98  | 24.95   |
| 15                                      | 75      | 0         |        | 24.97  | 25.02  | 24.94   |
| 15                                      | 1       | 0         | 16-QAM | 25.46  | 25.06  | 25.03   |
| 15                                      | 1       | 38        |        | 25.51  | 25.18  | 25.10   |
| 15                                      | 1       | 75        |        | 25.49  | 25.08  | 25.08   |
| 15                                      | 36      | 0         |        | 24.08  | 24.06  | 23.91   |
| 15                                      | 36      | 18        |        | 24.09  | 24.09  | 23.95   |
| 15                                      | 36      | 39        |        | 24.10  | 24.10  | 23.97   |
| 15                                      | 75      | 0         |        | 24.00  | 23.95  | 23.98   |
| 20                                      | 1       | 0         | QPSK   | 26.28  | 26.27  | 26.34   |
| 20                                      | 1       | 49        |        | 26.42  | 26.43  | 26.45   |
| 20                                      | 1       | 99        |        | 26.30  | 26.30  | 26.42   |
| 20                                      | 50      | 0         |        | 25.54  | 25.49  | 25.48   |
| 20                                      | 50      | 24        |        | 25.55  | 25.51  | 25.49   |
| 20                                      | 50      | 49        |        | 25.56  | 25.49  | 25.51   |
| 20                                      | 100     | 0         |        | 25.52  | 25.50  | 25.39   |
| 20                                      | 1       | 0         | 16-QAM | 25.67  | 25.55  | 25.35   |
| 20                                      | 1       | 49        |        | 25.84  | 25.68  | 25.45   |
| 20                                      | 1       | 99        |        | 25.69  | 25.54  | 25.43   |
| 20                                      | 50      | 0         |        | 24.50  | 24.50  | 24.40   |
| 20                                      | 50      | 24        |        | 24.58  | 24.53  | 24.47   |
| 20                                      | 50      | 49        |        | 24.53  | 24.59  | 24.46   |
| 20                                      | 100     | 0         |        | 24.53  | 24.55  | 24.43   |



| LTE Band 40 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                       | 1       | 0         | QPSK   | 11.55  | 11.56  | 11.50   |
| 5                                       | 1       | 12        |        | 11.56  | 11.63  | 11.56   |
| 5                                       | 1       | 24        |        | 11.62  | 11.59  | 11.55   |
| 5                                       | 12      | 0         |        | 10.56  | 10.56  | 10.56   |
| 5                                       | 12      | 6         |        | 10.61  | 10.54  | 10.53   |
| 5                                       | 12      | 11        |        | 10.55  | 10.52  | 10.61   |
| 5                                       | 25      | 0         |        | 10.60  | 10.53  | 10.53   |
| 5                                       | 1       | 0         | 16-QAM | 11.27  | 10.85  | 10.94   |
| 5                                       | 1       | 12        |        | 11.25  | 10.92  | 10.98   |
| 5                                       | 1       | 24        |        | 11.22  | 10.91  | 10.92   |
| 5                                       | 12      | 0         |        | 9.57   | 9.50   | 9.56    |
| 5                                       | 12      | 6         |        | 9.59   | 9.48   | 9.53    |
| 5                                       | 12      | 11        |        | 9.56   | 9.45   | 9.50    |
| 5                                       | 25      | 0         |        | 9.56   | 9.59   | 9.52    |
| 10                                      | 1       | 0         | QPSK   | /      | 11.97  | /       |
| 10                                      | 1       | 24        |        | /      | 12.08  | /       |
| 10                                      | 1       | 49        |        | /      | 12.03  | /       |
| 10                                      | 25      | 0         |        | /      | 11.14  | /       |
| 10                                      | 25      | 12        |        | /      | 11.06  | /       |
| 10                                      | 25      | 24        |        | /      | 11.07  | /       |
| 10                                      | 50      | 0         |        | /      | 11.09  | /       |
| 10                                      | 1       | 0         | 16-QAM | /      | 11.58  | /       |
| 10                                      | 1       | 24        |        | /      | 11.62  | /       |
| 10                                      | 1       | 49        |        | /      | 11.55  | /       |
| 10                                      | 25      | 0         |        | /      | 10.09  | /       |
| 10                                      | 25      | 12        |        | /      | 10.04  | /       |
| 10                                      | 25      | 24        |        | /      | 10.08  | /       |
| 10                                      | 50      | 0         |        | /      | 10.10  | /       |



| LTE Band 40 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                       | 1       | 0         | QPSK   | 11.43  | 11.39  | 11.41   |
| 5                                       | 1       | 12        |        | 11.48  | 11.47  | 11.42   |
| 5                                       | 1       | 24        |        | 11.46  | 11.48  | 11.40   |
| 5                                       | 12      | 0         |        | 10.40  | 10.33  | 10.40   |
| 5                                       | 12      | 6         |        | 10.40  | 10.41  | 10.43   |
| 5                                       | 12      | 11        |        | 10.38  | 10.39  | 10.46   |
| 5                                       | 25      | 0         |        | 10.48  | 10.46  | 10.45   |
| 5                                       | 1       | 0         | 16-QAM | 11.07  | 10.76  | 10.79   |
| 5                                       | 1       | 12        |        | 11.13  | 10.74  | 10.84   |
| 5                                       | 1       | 24        |        | 11.15  | 10.77  | 10.86   |
| 5                                       | 12      | 0         |        | 9.42   | 9.36   | 9.42    |
| 5                                       | 12      | 6         |        | 9.40   | 9.37   | 9.46    |
| 5                                       | 12      | 11        |        | 9.40   | 9.38   | 9.46    |
| 5                                       | 25      | 0         |        | 9.41   | 9.42   | 9.44    |
| 10                                      | 1       | 0         | QPSK   | /      | 11.88  | /       |
| 10                                      | 1       | 24        |        | /      | 11.92  | /       |
| 10                                      | 1       | 49        |        | /      | 11.94  | /       |
| 10                                      | 25      | 0         |        | /      | 10.86  | /       |
| 10                                      | 25      | 12        |        | /      | 10.94  | /       |
| 10                                      | 25      | 24        |        | /      | 10.96  | /       |
| 10                                      | 50      | 0         |        | /      | 10.97  | /       |
| 10                                      | 1       | 0         | 16-QAM | /      | 11.39  | /       |
| 10                                      | 1       | 24        |        | /      | 11.47  | /       |
| 10                                      | 1       | 49        |        | /      | 11.51  | /       |
| 10                                      | 25      | 0         |        | /      | 9.90   | /       |
| 10                                      | 25      | 12        |        | /      | 10.00  | /       |
| 10                                      | 25      | 24        |        | /      | 9.95   | /       |
| 10                                      | 50      | 0         |        | /      | 9.89   | /       |



| LTE Band 41 Maximum Average Power [dBm] |         |           |        |        |          |          |          |         |
|-----------------------------------------|---------|-----------|--------|--------|----------|----------|----------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle 1 | Middle 2 | Middle 3 | Highest |
| 5                                       | 1       | 0         | QPSK   | 24.45  | 23.98    | 24.01    | 23.55    | 23.74   |
| 5                                       | 1       | 12        |        | 24.49  | 24.02    | 24.01    | 23.54    | 23.76   |
| 5                                       | 1       | 24        |        | 24.46  | 23.98    | 24.00    | 23.54    | 23.76   |
| 5                                       | 12      | 0         |        | 24.22  | 23.74    | 24.02    | 23.56    | 23.79   |
| 5                                       | 12      | 6         |        | 24.21  | 23.74    | 24.00    | 23.52    | 23.79   |
| 5                                       | 12      | 11        |        | 24.20  | 23.74    | 23.97    | 23.50    | 23.78   |
| 5                                       | 25      | 0         |        | 24.21  | 23.74    | 23.99    | 23.53    | 23.80   |
| 5                                       | 1       | 0         | 16-QAM | 24.80  | 24.32    | 24.27    | 23.79    | 23.99   |
| 5                                       | 1       | 12        |        | 24.81  | 24.32    | 24.27    | 23.80    | 24.04   |
| 5                                       | 1       | 24        |        | 24.81  | 24.33    | 24.26    | 23.79    | 24.05   |
| 5                                       | 12      | 0         |        | 24.24  | 23.77    | 23.93    | 23.46    | 23.83   |
| 5                                       | 12      | 6         |        | 24.21  | 23.73    | 23.96    | 23.49    | 23.79   |
| 5                                       | 12      | 11        |        | 24.22  | 23.75    | 23.91    | 23.44    | 23.80   |
| 5                                       | 25      | 0         |        | 24.20  | 23.72    | 24.03    | 23.55    | 23.78   |
| 10                                      | 1       | 0         | QPSK   | 24.20  | 23.72    | 23.96    | 23.49    | 23.83   |
| 10                                      | 1       | 24        |        | 24.23  | 23.76    | 24.02    | 23.55    | 23.83   |
| 10                                      | 1       | 49        |        | 24.22  | 23.74    | 23.95    | 23.48    | 23.84   |
| 10                                      | 25      | 0         |        | 24.15  | 23.68    | 23.99    | 23.53    | 23.84   |
| 10                                      | 25      | 12        |        | 24.18  | 23.70    | 23.98    | 23.50    | 23.81   |
| 10                                      | 25      | 24        |        | 24.21  | 23.73    | 23.98    | 23.51    | 23.81   |
| 10                                      | 50      | 0         |        | 24.22  | 23.74    | 24.01    | 23.54    | 23.83   |
| 10                                      | 1       | 0         | 16-QAM | 24.35  | 23.87    | 24.00    | 23.53    | 24.34   |
| 10                                      | 1       | 24        |        | 24.35  | 23.88    | 24.07    | 23.61    | 24.35   |
| 10                                      | 1       | 49        |        | 24.34  | 23.86    | 24.01    | 23.54    | 24.37   |
| 10                                      | 25      | 0         |        | 24.21  | 23.73    | 24.01    | 23.54    | 23.85   |
| 10                                      | 25      | 12        |        | 24.22  | 23.74    | 24.04    | 23.57    | 23.85   |
| 10                                      | 25      | 24        |        | 24.24  | 23.76    | 24.02    | 23.56    | 23.84   |
| 10                                      | 50      | 0         |        | 24.25  | 23.78    | 23.99    | 23.51    | 23.85   |



| LTE Band 41 Maximum Average Power [dBm] |         |           |        |        |          |          |          |         |
|-----------------------------------------|---------|-----------|--------|--------|----------|----------|----------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle 1 | Middle 2 | Middle 3 | Highest |
| 15                                      | 1       | 0         | QPSK   | 24.16  | 23.70    | 23.91    | 23.43    | 23.89   |
| 15                                      | 1       | 37        |        | 24.23  | 23.75    | 23.99    | 23.53    | 23.93   |
| 15                                      | 1       | 74        |        | 24.17  | 23.69    | 23.91    | 23.45    | 23.89   |
| 15                                      | 36      | 0         |        | 24.09  | 23.63    | 23.93    | 23.45    | 23.81   |
| 15                                      | 36      | 18        |        | 24.14  | 23.68    | 23.95    | 23.49    | 23.79   |
| 15                                      | 36      | 39        |        | 24.15  | 23.68    | 23.98    | 23.52    | 23.80   |
| 15                                      | 75      | 0         |        | 24.17  | 23.70    | 24.00    | 23.52    | 23.80   |
| 15                                      | 1       | 0         | 16-QAM | 24.66  | 24.18    | 24.08    | 23.62    | 23.98   |
| 15                                      | 1       | 38        |        | 24.74  | 24.25    | 24.16    | 23.69    | 24.00   |
| 15                                      | 1       | 75        |        | 24.68  | 24.20    | 24.04    | 23.58    | 23.94   |
| 15                                      | 36      | 0         |        | 24.18  | 23.70    | 24.04    | 23.57    | 23.83   |
| 15                                      | 36      | 18        |        | 24.24  | 23.77    | 24.04    | 23.57    | 23.83   |
| 15                                      | 36      | 39        |        | 24.22  | 23.74    | 24.06    | 23.58    | 23.81   |
| 15                                      | 75      | 0         |        | 24.18  | 23.71    | 23.97    | 23.49    | 23.84   |
| 20                                      | 1       | 0         | QPSK   | 24.86  | 24.37    | 24.67    | 24.18    | 24.39   |
| 20                                      | 1       | 49        |        | 25.01  | 24.52    | 24.75    | 24.26    | 24.43   |
| 20                                      | 1       | 99        |        | 24.94  | 24.46    | 24.63    | 24.15    | 24.36   |
| 20                                      | 50      | 0         |        | 24.64  | 24.16    | 24.51    | 24.03    | 24.37   |
| 20                                      | 50      | 24        |        | 24.73  | 24.25    | 24.54    | 24.07    | 24.34   |
| 20                                      | 50      | 49        |        | 24.68  | 24.20    | 24.59    | 24.11    | 24.29   |
| 20                                      | 100     | 0         |        | 24.66  | 24.17    | 24.55    | 24.07    | 24.32   |
| 20                                      | 1       | 0         | 16-QAM | 24.54  | 24.07    | 24.39    | 23.91    | 24.32   |
| 20                                      | 1       | 49        |        | 24.66  | 24.17    | 24.48    | 24.00    | 24.38   |
| 20                                      | 1       | 99        |        | 24.60  | 24.13    | 24.34    | 23.87    | 24.29   |
| 20                                      | 50      | 0         |        | 24.66  | 24.18    | 24.50    | 24.02    | 24.40   |
| 20                                      | 50      | 24        |        | 24.71  | 24.23    | 24.51    | 24.02    | 24.41   |
| 20                                      | 50      | 49        |        | 24.70  | 24.22    | 24.51    | 24.03    | 24.32   |
| 20                                      | 100     | 0         |        | 24.62  | 24.13    | 24.46    | 23.98    | 24.33   |



| LTE Band 66 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 1.4                                     | 1       | 0         | QPSK   | 24.03  | 23.86  | 23.60   |
| 1.4                                     | 1       | 2         |        | 24.06  | 23.91  | 23.64   |
| 1.4                                     | 1       | 5         |        | 24.04  | 23.87  | 23.62   |
| 1.4                                     | 3       | 0         |        | 24.09  | 23.97  | 23.65   |
| 1.4                                     | 3       | 1         |        | 24.12  | 23.95  | 23.67   |
| 1.4                                     | 3       | 2         |        | 24.11  | 23.94  | 23.66   |
| 1.4                                     | 6       | 0         |        | 23.12  | 22.95  | 22.72   |
| 1.4                                     | 1       | 0         | 16-QAM | 23.30  | 23.16  | 22.60   |
| 1.4                                     | 1       | 2         |        | 23.34  | 23.19  | 22.62   |
| 1.4                                     | 1       | 5         |        | 23.31  | 23.19  | 22.63   |
| 1.4                                     | 3       | 0         |        | 23.31  | 23.10  | 22.81   |
| 1.4                                     | 3       | 1         |        | 23.33  | 23.11  | 22.83   |
| 1.4                                     | 3       | 2         |        | 23.33  | 23.06  | 22.84   |
| 1.4                                     | 6       | 0         |        | 22.30  | 22.14  | 21.85   |
| 3                                       | 1       | 0         | QPSK   | 24.03  | 23.98  | 23.71   |
| 3                                       | 1       | 7         |        | 24.06  | 24.04  | 23.72   |
| 3                                       | 1       | 14        |        | 24.06  | 24.04  | 23.78   |
| 3                                       | 8       | 0         |        | 23.09  | 22.92  | 22.59   |
| 3                                       | 8       | 4         |        | 23.13  | 22.94  | 22.61   |
| 3                                       | 8       | 7         |        | 23.10  | 22.94  | 22.61   |
| 3                                       | 15      | 0         |        | 23.12  | 22.95  | 22.63   |
| 3                                       | 1       | 0         | 16-QAM | 23.32  | 22.92  | 22.98   |
| 3                                       | 1       | 7         |        | 23.36  | 22.94  | 23.07   |
| 3                                       | 1       | 14        |        | 23.35  | 22.95  | 23.03   |
| 3                                       | 8       | 0         |        | 22.15  | 21.99  | 21.65   |
| 3                                       | 8       | 4         |        | 22.14  | 21.95  | 21.68   |
| 3                                       | 8       | 7         |        | 22.13  | 21.95  | 21.66   |
| 3                                       | 15      | 0         |        | 22.09  | 22.02  | 21.68   |



| LTE Band 66 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 5                                       | 1       | 0         | QPSK   | 24.29  | 23.97  | 23.62   |
| 5                                       | 1       | 12        |        | 24.30  | 24.04  | 23.69   |
| 5                                       | 1       | 24        |        | 24.37  | 24.08  | 23.76   |
| 5                                       | 12      | 0         |        | 23.14  | 22.98  | 22.67   |
| 5                                       | 12      | 6         |        | 23.13  | 23.00  | 22.63   |
| 5                                       | 12      | 11        |        | 23.13  | 22.97  | 22.63   |
| 5                                       | 25      | 0         |        | 23.16  | 22.99  | 22.67   |
| 5                                       | 1       | 0         | 16-QAM | 23.66  | 23.23  | 23.00   |
| 5                                       | 1       | 12        |        | 23.68  | 23.26  | 23.07   |
| 5                                       | 1       | 24        |        | 23.71  | 23.31  | 23.12   |
| 5                                       | 12      | 0         |        | 22.06  | 21.98  | 21.60   |
| 5                                       | 12      | 6         |        | 22.06  | 22.01  | 21.61   |
| 5                                       | 12      | 11        |        | 22.06  | 21.97  | 21.58   |
| 5                                       | 25      | 0         |        | 22.18  | 21.94  | 21.62   |
| 10                                      | 1       | 0         | QPSK   | 24.05  | 23.95  | 23.68   |
| 10                                      | 1       | 24        |        | 24.12  | 24.08  | 23.72   |
| 10                                      | 1       | 49        |        | 23.99  | 24.12  | 23.81   |
| 10                                      | 25      | 0         |        | 23.11  | 22.95  | 22.57   |
| 10                                      | 25      | 12        |        | 23.12  | 23.04  | 22.60   |
| 10                                      | 25      | 24        |        | 23.16  | 23.12  | 22.63   |
| 10                                      | 50      | 0         |        | 23.20  | 23.02  | 22.61   |
| 10                                      | 1       | 0         | 16-QAM | 23.29  | 22.85  | 22.96   |
| 10                                      | 1       | 24        |        | 23.35  | 22.97  | 23.00   |
| 10                                      | 1       | 49        |        | 23.24  | 23.02  | 23.09   |
| 10                                      | 25      | 0         |        | 22.14  | 21.94  | 21.60   |
| 10                                      | 25      | 12        |        | 22.14  | 21.99  | 21.65   |
| 10                                      | 25      | 24        |        | 22.21  | 22.09  | 21.64   |
| 10                                      | 50      | 0         |        | 22.21  | 21.99  | 21.61   |



| LTE Band 66 Maximum Average Power [dBm] |         |           |        |        |        |         |
|-----------------------------------------|---------|-----------|--------|--------|--------|---------|
| BW [MHz]                                | RB Size | RB Offset | Mod    | Lowest | Middle | Highest |
| 15                                      | 1       | 0         | QPSK   | 24.22  | 23.72  | 23.52   |
| 15                                      | 1       | 37        |        | 24.24  | 24.11  | 23.45   |
| 15                                      | 1       | 74        |        | 23.94  | 24.13  | 23.51   |
| 15                                      | 36      | 0         |        | 23.03  | 22.85  | 22.58   |
| 15                                      | 36      | 18        |        | 23.02  | 22.96  | 22.57   |
| 15                                      | 36      | 39        |        | 22.99  | 23.00  | 22.58   |
| 15                                      | 75      | 0         |        | 23.09  | 22.95  | 22.61   |
| 15                                      | 1       | 0         | 16-QAM | 23.27  | 23.11  | 22.77   |
| 15                                      | 1       | 38        |        | 23.33  | 23.39  | 22.76   |
| 15                                      | 1       | 75        |        | 23.02  | 23.39  | 22.83   |
| 15                                      | 36      | 0         |        | 22.05  | 21.88  | 21.64   |
| 15                                      | 36      | 18        |        | 22.04  | 22.00  | 21.65   |
| 15                                      | 36      | 39        |        | 21.98  | 22.09  | 21.71   |
| 15                                      | 75      | 0         |        | 22.11  | 21.96  | 21.58   |
| 20                                      | 1       | 0         | QPSK   | 24.35  | 24.07  | 24.20   |
| 20                                      | 1       | 49        |        | 24.38  | 24.62  | 24.10   |
| 20                                      | 1       | 99        |        | 23.56  | 24.66  | 24.08   |
| 20                                      | 50      | 0         |        | 23.51  | 23.33  | 23.30   |
| 20                                      | 50      | 24        |        | 23.53  | 23.57  | 23.13   |
| 20                                      | 50      | 49        |        | 23.25  | 23.59  | 23.14   |
| 20                                      | 100     | 0         |        | 23.34  | 23.45  | 23.22   |
| 20                                      | 1       | 0         | 16-QAM | 23.87  | 23.48  | 23.42   |
| 20                                      | 1       | 49        |        | 23.87  | 24.03  | 23.29   |
| 20                                      | 1       | 99        |        | 22.97  | 24.02  | 23.33   |
| 20                                      | 50      | 0         |        | 22.52  | 22.35  | 22.25   |
| 20                                      | 50      | 24        |        | 22.50  | 22.57  | 22.11   |
| 20                                      | 50      | 49        |        | 22.28  | 22.63  | 22.09   |
| 20                                      | 100     | 0         |        | 22.38  | 22.44  | 22.20   |





SA

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Power (dBm) |
|------|-----------|-----------------|------------|---------------|------------|-------------|
| n2   | 15        | 5               | 370500     | 25@0          | DFT_BPSK   | 22.94       |
| n2   | 15        | 5               | 370500     | 12@6          | DFT_BPSK   | 22.9        |
| n2   | 15        | 5               | 370500     | 1@1           | DFT_BPSK   | 22.78       |
| n2   | 15        | 5               | 370500     | 1@23          | DFT_BPSK   | 22.76       |
| n2   | 15        | 5               | 370500     | 25@0          | DFT_QPSK   | 22.92       |
| n2   | 15        | 5               | 370500     | 12@6          | DFT_QPSK   | 22.87       |
| n2   | 15        | 5               | 370500     | 1@1           | DFT_QPSK   | 22.86       |
| n2   | 15        | 5               | 370500     | 1@23          | DFT_QPSK   | 22.88       |
| n2   | 15        | 5               | 370500     | 25@0          | DFT_16QAM  | 21.38       |
| n2   | 15        | 5               | 370500     | 12@6          | DFT_16QAM  | 22.37       |
| n2   | 15        | 5               | 370500     | 1@1           | DFT_16QAM  | 22.53       |
| n2   | 15        | 5               | 370500     | 1@23          | DFT_16QAM  | 22.54       |
| n2   | 15        | 5               | 370500     | 25@0          | DFT_64QAM  | 20.38       |
| n2   | 15        | 5               | 370500     | 12@6          | DFT_64QAM  | 20.43       |
| n2   | 15        | 5               | 370500     | 1@1           | DFT_64QAM  | 20.21       |
| n2   | 15        | 5               | 370500     | 1@23          | DFT_64QAM  | 20.21       |
| n2   | 15        | 5               | 370500     | 25@0          | DFT_256QAM | 18.34       |
| n2   | 15        | 5               | 370500     | 12@6          | DFT_256QAM | 18.36       |
| n2   | 15        | 5               | 370500     | 1@1           | DFT_256QAM | 18.5        |
| n2   | 15        | 5               | 370500     | 1@23          | DFT_256QAM | 18.46       |
| n2   | 15        | 5               | 370500     | 25@0          | CP_QPSK    | 19.82       |
| n2   | 15        | 5               | 370500     | 13@6          | CP_QPSK    | 22.29       |
| n2   | 15        | 5               | 370500     | 1@1           | CP_QPSK    | 22.54       |
| n2   | 15        | 5               | 370500     | 1@23          | CP_QPSK    | 22.51       |
| n2   | 15        | 5               | 370500     | 25@0          | CP_16QAM   | 19.87       |
| n2   | 15        | 5               | 370500     | 13@6          | CP_16QAM   | 20.88       |
| n2   | 15        | 5               | 370500     | 1@1           | CP_16QAM   | 21.09       |
| n2   | 15        | 5               | 370500     | 1@23          | CP_16QAM   | 21.06       |
| n2   | 15        | 5               | 370500     | 25@0          | CP_64QAM   | 19.36       |
| n2   | 15        | 5               | 370500     | 13@6          | CP_64QAM   | 19.42       |
| n2   | 15        | 5               | 370500     | 1@1           | CP_64QAM   | 19.31       |
| n2   | 15        | 5               | 370500     | 1@23          | CP_64QAM   | 19.32       |
| n2   | 15        | 5               | 370500     | 25@0          | CP_256QAM  | 16.46       |
| n2   | 15        | 5               | 370500     | 13@6          | CP_256QAM  | 16.46       |
| n2   | 15        | 5               | 370500     | 1@1           | CP_256QAM  | 16.65       |
| n2   | 15        | 5               | 370500     | 1@23          | CP_256QAM  | 16.72       |
| n2   | 15        | 5               | 376000     | 25@0          | DFT_BPSK   | 22.61       |
| n2   | 15        | 5               | 376000     | 12@6          | DFT_BPSK   | 23.1        |
| n2   | 15        | 5               | 376000     | 1@1           | DFT_BPSK   | 22.5        |
| n2   | 15        | 5               | 376000     | 1@23          | DFT_BPSK   | 23.05       |
| n2   | 15        | 5               | 376000     | 25@0          | DFT_QPSK   | 23.15       |
| n2   | 15        | 5               | 376000     | 12@6          | DFT_QPSK   | 22.6        |
| n2   | 15        | 5               | 376000     | 1@1           | DFT_QPSK   | 22.59       |
| n2   | 15        | 5               | 376000     | 1@23          | DFT_QPSK   | 22.62       |
| n2   | 15        | 5               | 376000     | 25@0          | DFT_16QAM  | 21.2        |
| n2   | 15        | 5               | 376000     | 12@6          | DFT_16QAM  | 22.62       |
| n2   | 15        | 5               | 376000     | 1@1           | DFT_16QAM  | 22.24       |
| n2   | 15        | 5               | 376000     | 1@23          | DFT_16QAM  | 22.37       |
| n2   | 15        | 5               | 376000     | 25@0          | DFT_64QAM  | 20.6        |
| n2   | 15        | 5               | 376000     | 12@6          | DFT_64QAM  | 20.14       |
| n2   | 15        | 5               | 376000     | 1@1           | DFT_64QAM  | 20.02       |
| n2   | 15        | 5               | 376000     | 1@23          | DFT_64QAM  | 20.62       |
| n2   | 15        | 5               | 376000     | 25@0          | DFT_256QAM | 18.06       |
| n2   | 15        | 5               | 376000     | 12@6          | DFT_256QAM | 18.4        |



|    |    |   |        |      |            |       |
|----|----|---|--------|------|------------|-------|
| n2 | 15 | 5 | 376000 | 1@1  | DFT_256QAM | 18.21 |
| n2 | 15 | 5 | 376000 | 1@23 | DFT_256QAM | 18.36 |
| n2 | 15 | 5 | 376000 | 25@0 | CP_QPSK    | 19.56 |
| n2 | 15 | 5 | 376000 | 13@6 | CP_QPSK    | 22.02 |
| n2 | 15 | 5 | 376000 | 1@1  | CP_QPSK    | 21.87 |
| n2 | 15 | 5 | 376000 | 1@23 | CP_QPSK    | 22.45 |
| n2 | 15 | 5 | 376000 | 25@0 | CP_16QAM   | 19.64 |
| n2 | 15 | 5 | 376000 | 13@6 | CP_16QAM   | 21.1  |
| n2 | 15 | 5 | 376000 | 1@1  | CP_16QAM   | 20.66 |
| n2 | 15 | 5 | 376000 | 1@23 | CP_16QAM   | 20.76 |
| n2 | 15 | 5 | 376000 | 25@0 | CP_64QAM   | 19.61 |
| n2 | 15 | 5 | 376000 | 13@6 | CP_64QAM   | 19.17 |
| n2 | 15 | 5 | 376000 | 1@1  | CP_64QAM   | 19.42 |
| n2 | 15 | 5 | 376000 | 1@23 | CP_64QAM   | 19.55 |
| n2 | 15 | 5 | 376000 | 25@0 | CP_256QAM  | 16.29 |
| n2 | 15 | 5 | 376000 | 13@6 | CP_256QAM  | 16.25 |
| n2 | 15 | 5 | 376000 | 1@1  | CP_256QAM  | 16.41 |
| n2 | 15 | 5 | 376000 | 1@23 | CP_256QAM  | 16.9  |
| n2 | 15 | 5 | 381500 | 25@0 | DFT_BPSK   | 22.81 |
| n2 | 15 | 5 | 381500 | 12@6 | DFT_BPSK   | 22.84 |
| n2 | 15 | 5 | 381500 | 1@1  | DFT_BPSK   | 22.67 |
| n2 | 15 | 5 | 381500 | 1@23 | DFT_BPSK   | 23.23 |
| n2 | 15 | 5 | 381500 | 25@0 | DFT_QPSK   | 22.8  |
| n2 | 15 | 5 | 381500 | 12@6 | DFT_QPSK   | 23.3  |
| n2 | 15 | 5 | 381500 | 1@1  | DFT_QPSK   | 22.78 |
| n2 | 15 | 5 | 381500 | 1@23 | DFT_QPSK   | 23.24 |
| n2 | 15 | 5 | 381500 | 25@0 | DFT_16QAM  | 21.32 |
| n2 | 15 | 5 | 381500 | 12@6 | DFT_16QAM  | 22.78 |
| n2 | 15 | 5 | 381500 | 1@1  | DFT_16QAM  | 22.5  |
| n2 | 15 | 5 | 381500 | 1@23 | DFT_16QAM  | 23.02 |
| n2 | 15 | 5 | 381500 | 25@0 | DFT_64QAM  | 20.28 |
| n2 | 15 | 5 | 381500 | 12@6 | DFT_64QAM  | 20.38 |
| n2 | 15 | 5 | 381500 | 1@1  | DFT_64QAM  | 20.23 |
| n2 | 15 | 5 | 381500 | 1@23 | DFT_64QAM  | 20.74 |
| n2 | 15 | 5 | 381500 | 25@0 | DFT_256QAM | 18.22 |
| n2 | 15 | 5 | 381500 | 12@6 | DFT_256QAM | 18.5  |
| n2 | 15 | 5 | 381500 | 1@1  | DFT_256QAM | 18.9  |
| n2 | 15 | 5 | 381500 | 1@23 | DFT_256QAM | 18.46 |
| n2 | 15 | 5 | 381500 | 25@0 | CP_QPSK    | 20.23 |
| n2 | 15 | 5 | 381500 | 13@6 | CP_QPSK    | 22.67 |
| n2 | 15 | 5 | 381500 | 1@1  | CP_QPSK    | 22.6  |
| n2 | 15 | 5 | 381500 | 1@23 | CP_QPSK    | 22.07 |
| n2 | 15 | 5 | 381500 | 25@0 | CP_16QAM   | 20.28 |
| n2 | 15 | 5 | 381500 | 13@6 | CP_16QAM   | 20.83 |
| n2 | 15 | 5 | 381500 | 1@1  | CP_16QAM   | 21.39 |
| n2 | 15 | 5 | 381500 | 1@23 | CP_16QAM   | 20.87 |
| n2 | 15 | 5 | 381500 | 25@0 | CP_64QAM   | 19.27 |
| n2 | 15 | 5 | 381500 | 13@6 | CP_64QAM   | 19.35 |
| n2 | 15 | 5 | 381500 | 1@1  | CP_64QAM   | 19.14 |
| n2 | 15 | 5 | 381500 | 1@23 | CP_64QAM   | 19.69 |
| n2 | 15 | 5 | 381500 | 25@0 | CP_256QAM  | 16.3  |
| n2 | 15 | 5 | 381500 | 13@6 | CP_256QAM  | 16.87 |
| n2 | 15 | 5 | 381500 | 1@1  | CP_256QAM  | 16.61 |
| n2 | 15 | 5 | 381500 | 1@23 | CP_256QAM  | 16.44 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n2 | 15 | 10 | 371000 | 50@0  | DFT_BPSK   | 22.89 |
| n2 | 15 | 10 | 371000 | 25@12 | DFT_BPSK   | 22.95 |
| n2 | 15 | 10 | 371000 | 1@1   | DFT_BPSK   | 22.82 |
| n2 | 15 | 10 | 371000 | 1@50  | DFT_BPSK   | 22.76 |
| n2 | 15 | 10 | 371000 | 50@0  | DFT_QPSK   | 22.97 |
| n2 | 15 | 10 | 371000 | 25@12 | DFT_QPSK   | 22.98 |
| n2 | 15 | 10 | 371000 | 1@1   | DFT_QPSK   | 22.88 |
| n2 | 15 | 10 | 371000 | 1@50  | DFT_QPSK   | 22.8  |
| n2 | 15 | 10 | 371000 | 50@0  | DFT_16QAM  | 21.51 |
| n2 | 15 | 10 | 371000 | 25@12 | DFT_16QAM  | 22.46 |
| n2 | 15 | 10 | 371000 | 1@1   | DFT_16QAM  | 22.63 |
| n2 | 15 | 10 | 371000 | 1@50  | DFT_16QAM  | 22.58 |
| n2 | 15 | 10 | 371000 | 50@0  | DFT_64QAM  | 20.43 |
| n2 | 15 | 10 | 371000 | 25@12 | DFT_64QAM  | 20.39 |
| n2 | 15 | 10 | 371000 | 1@1   | DFT_64QAM  | 20.26 |
| n2 | 15 | 10 | 371000 | 1@50  | DFT_64QAM  | 20.23 |
| n2 | 15 | 10 | 371000 | 50@0  | DFT_256QAM | 18.36 |
| n2 | 15 | 10 | 371000 | 25@12 | DFT_256QAM | 18.37 |
| n2 | 15 | 10 | 371000 | 1@1   | DFT_256QAM | 18.39 |
| n2 | 15 | 10 | 371000 | 1@50  | DFT_256QAM | 18.49 |
| n2 | 15 | 10 | 371000 | 52@0  | CP_QPSK    | 19.89 |
| n2 | 15 | 10 | 371000 | 26@13 | CP_QPSK    | 22.47 |
| n2 | 15 | 10 | 371000 | 1@1   | CP_QPSK    | 22.62 |
| n2 | 15 | 10 | 371000 | 1@50  | CP_QPSK    | 22.53 |
| n2 | 15 | 10 | 371000 | 52@0  | CP_16QAM   | 19.89 |
| n2 | 15 | 10 | 371000 | 26@13 | CP_16QAM   | 20.83 |
| n2 | 15 | 10 | 371000 | 1@1   | CP_16QAM   | 21.13 |
| n2 | 15 | 10 | 371000 | 1@50  | CP_16QAM   | 20.93 |
| n2 | 15 | 10 | 371000 | 52@0  | CP_64QAM   | 19.38 |
| n2 | 15 | 10 | 371000 | 26@13 | CP_64QAM   | 19.43 |
| n2 | 15 | 10 | 371000 | 1@1   | CP_64QAM   | 19.29 |
| n2 | 15 | 10 | 371000 | 1@50  | CP_64QAM   | 19.26 |
| n2 | 15 | 10 | 371000 | 52@0  | CP_256QAM  | 16.29 |
| n2 | 15 | 10 | 371000 | 26@13 | CP_256QAM  | 16.48 |
| n2 | 15 | 10 | 371000 | 1@1   | CP_256QAM  | 16.59 |
| n2 | 15 | 10 | 371000 | 1@50  | CP_256QAM  | 16.68 |
| n2 | 15 | 10 | 376000 | 50@0  | DFT_BPSK   | 22.59 |
| n2 | 15 | 10 | 376000 | 25@12 | DFT_BPSK   | 22.61 |
| n2 | 15 | 10 | 376000 | 1@1   | DFT_BPSK   | 22.51 |
| n2 | 15 | 10 | 376000 | 1@50  | DFT_BPSK   | 23.17 |
| n2 | 15 | 10 | 376000 | 50@0  | DFT_QPSK   | 23.12 |
| n2 | 15 | 10 | 376000 | 25@12 | DFT_QPSK   | 22.66 |
| n2 | 15 | 10 | 376000 | 1@1   | DFT_QPSK   | 22.53 |
| n2 | 15 | 10 | 376000 | 1@50  | DFT_QPSK   | 22.67 |
| n2 | 15 | 10 | 376000 | 50@0  | DFT_16QAM  | 21.64 |
| n2 | 15 | 10 | 376000 | 25@12 | DFT_16QAM  | 22.66 |
| n2 | 15 | 10 | 376000 | 1@1   | DFT_16QAM  | 22.7  |
| n2 | 15 | 10 | 376000 | 1@50  | DFT_16QAM  | 22.94 |
| n2 | 15 | 10 | 376000 | 50@0  | DFT_64QAM  | 20.62 |
| n2 | 15 | 10 | 376000 | 25@12 | DFT_64QAM  | 20.05 |
| n2 | 15 | 10 | 376000 | 1@1   | DFT_64QAM  | 20.05 |
| n2 | 15 | 10 | 376000 | 1@50  | DFT_64QAM  | 20.69 |
| n2 | 15 | 10 | 376000 | 50@0  | DFT_256QAM | 18.04 |
| n2 | 15 | 10 | 376000 | 25@12 | DFT_256QAM | 18.08 |
| n2 | 15 | 10 | 376000 | 1@1   | DFT_256QAM | 18.71 |
| n2 | 15 | 10 | 376000 | 1@50  | DFT_256QAM | 18.88 |
| n2 | 15 | 10 | 376000 | 52@0  | CP_QPSK    | 20.1  |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n2 | 15 | 10 | 376000 | 26@13 | CP_QPSK    | 22.73 |
| n2 | 15 | 10 | 376000 | 1@1   | CP_QPSK    | 22.39 |
| n2 | 15 | 10 | 376000 | 1@50  | CP_QPSK    | 22.11 |
| n2 | 15 | 10 | 376000 | 52@0  | CP_16QAM   | 19.65 |
| n2 | 15 | 10 | 376000 | 26@13 | CP_16QAM   | 20.57 |
| n2 | 15 | 10 | 376000 | 1@1   | CP_16QAM   | 21.15 |
| n2 | 15 | 10 | 376000 | 1@50  | CP_16QAM   | 20.81 |
| n2 | 15 | 10 | 376000 | 52@0  | CP_64QAM   | 19.51 |
| n2 | 15 | 10 | 376000 | 26@13 | CP_64QAM   | 19.66 |
| n2 | 15 | 10 | 376000 | 1@1   | CP_64QAM   | 19.4  |
| n2 | 15 | 10 | 376000 | 1@50  | CP_64QAM   | 19.08 |
| n2 | 15 | 10 | 376000 | 52@0  | CP_256QAM  | 16.09 |
| n2 | 15 | 10 | 376000 | 26@13 | CP_256QAM  | 16.22 |
| n2 | 15 | 10 | 376000 | 1@1   | CP_256QAM  | 16.36 |
| n2 | 15 | 10 | 376000 | 1@50  | CP_256QAM  | 16.96 |
| n2 | 15 | 10 | 381000 | 50@0  | DFT_BPSK   | 23.25 |
| n2 | 15 | 10 | 381000 | 25@12 | DFT_BPSK   | 23.34 |
| n2 | 15 | 10 | 381000 | 1@1   | DFT_BPSK   | 23.15 |
| n2 | 15 | 10 | 381000 | 1@50  | DFT_BPSK   | 22.73 |
| n2 | 15 | 10 | 381000 | 50@0  | DFT_QPSK   | 22.83 |
| n2 | 15 | 10 | 381000 | 25@12 | DFT_QPSK   | 23.38 |
| n2 | 15 | 10 | 381000 | 1@1   | DFT_QPSK   | 22.72 |
| n2 | 15 | 10 | 381000 | 1@50  | DFT_QPSK   | 22.76 |
| n2 | 15 | 10 | 381000 | 50@0  | DFT_16QAM  | 21.83 |
| n2 | 15 | 10 | 381000 | 25@12 | DFT_16QAM  | 22.38 |
| n2 | 15 | 10 | 381000 | 1@1   | DFT_16QAM  | 22.95 |
| n2 | 15 | 10 | 381000 | 1@50  | DFT_16QAM  | 23.02 |
| n2 | 15 | 10 | 381000 | 50@0  | DFT_64QAM  | 20.82 |
| n2 | 15 | 10 | 381000 | 25@12 | DFT_64QAM  | 20.8  |
| n2 | 15 | 10 | 381000 | 1@1   | DFT_64QAM  | 20.68 |
| n2 | 15 | 10 | 381000 | 1@50  | DFT_64QAM  | 20.75 |
| n2 | 15 | 10 | 381000 | 50@0  | DFT_256QAM | 18.32 |
| n2 | 15 | 10 | 381000 | 25@12 | DFT_256QAM | 18.23 |
| n2 | 15 | 10 | 381000 | 1@1   | DFT_256QAM | 18.3  |
| n2 | 15 | 10 | 381000 | 1@50  | DFT_256QAM | 18.96 |
| n2 | 15 | 10 | 381000 | 52@0  | CP_QPSK    | 20.22 |
| n2 | 15 | 10 | 381000 | 26@13 | CP_QPSK    | 22.92 |
| n2 | 15 | 10 | 381000 | 1@1   | CP_QPSK    | 22.98 |
| n2 | 15 | 10 | 381000 | 1@50  | CP_QPSK    | 22.99 |
| n2 | 15 | 10 | 381000 | 52@0  | CP_16QAM   | 20.23 |
| n2 | 15 | 10 | 381000 | 26@13 | CP_16QAM   | 21.15 |
| n2 | 15 | 10 | 381000 | 1@1   | CP_16QAM   | 21.41 |
| n2 | 15 | 10 | 381000 | 1@50  | CP_16QAM   | 21.42 |
| n2 | 15 | 10 | 381000 | 52@0  | CP_64QAM   | 19.22 |
| n2 | 15 | 10 | 381000 | 26@13 | CP_64QAM   | 19.33 |
| n2 | 15 | 10 | 381000 | 1@1   | CP_64QAM   | 19.14 |
| n2 | 15 | 10 | 381000 | 1@50  | CP_64QAM   | 19.67 |
| n2 | 15 | 10 | 381000 | 52@0  | CP_256QAM  | 16.16 |
| n2 | 15 | 10 | 381000 | 26@13 | CP_256QAM  | 16.4  |
| n2 | 15 | 10 | 381000 | 1@1   | CP_256QAM  | 16.32 |
| n2 | 15 | 10 | 381000 | 1@50  | CP_256QAM  | 17.11 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n2 | 15 | 15 | 371500 | 75@0  | DFT_BPSK   | 23.07 |
| n2 | 15 | 15 | 371500 | 36@18 | DFT_BPSK   | 23.07 |
| n2 | 15 | 15 | 371500 | 1@1   | DFT_BPSK   | 22.94 |
| n2 | 15 | 15 | 371500 | 1@77  | DFT_BPSK   | 22.96 |
| n2 | 15 | 15 | 371500 | 75@0  | DFT_QPSK   | 23.09 |
| n2 | 15 | 15 | 371500 | 36@18 | DFT_QPSK   | 23.09 |
| n2 | 15 | 15 | 371500 | 1@1   | DFT_QPSK   | 22.97 |
| n2 | 15 | 15 | 371500 | 1@77  | DFT_QPSK   | 22.91 |
| n2 | 15 | 15 | 371500 | 75@0  | DFT_16QAM  | 21.55 |
| n2 | 15 | 15 | 371500 | 36@18 | DFT_16QAM  | 22.56 |
| n2 | 15 | 15 | 371500 | 1@1   | DFT_16QAM  | 22.62 |
| n2 | 15 | 15 | 371500 | 1@77  | DFT_16QAM  | 22.56 |
| n2 | 15 | 15 | 371500 | 75@0  | DFT_64QAM  | 20.54 |
| n2 | 15 | 15 | 371500 | 36@18 | DFT_64QAM  | 20.5  |
| n2 | 15 | 15 | 371500 | 1@1   | DFT_64QAM  | 20.48 |
| n2 | 15 | 15 | 371500 | 1@77  | DFT_64QAM  | 20.47 |
| n2 | 15 | 15 | 371500 | 75@0  | DFT_256QAM | 18.35 |
| n2 | 15 | 15 | 371500 | 36@18 | DFT_256QAM | 18.45 |
| n2 | 15 | 15 | 371500 | 1@1   | DFT_256QAM | 18.37 |
| n2 | 15 | 15 | 371500 | 1@77  | DFT_256QAM | 18.55 |
| n2 | 15 | 15 | 371500 | 79@0  | CP_QPSK    | 20    |
| n2 | 15 | 15 | 371500 | 39@19 | CP_QPSK    | 22.53 |
| n2 | 15 | 15 | 371500 | 1@1   | CP_QPSK    | 22.69 |
| n2 | 15 | 15 | 371500 | 1@77  | CP_QPSK    | 22.59 |
| n2 | 15 | 15 | 371500 | 79@0  | CP_16QAM   | 20.04 |
| n2 | 15 | 15 | 371500 | 39@19 | CP_16QAM   | 21.01 |
| n2 | 15 | 15 | 371500 | 1@1   | CP_16QAM   | 21.25 |
| n2 | 15 | 15 | 371500 | 1@77  | CP_16QAM   | 21.19 |
| n2 | 15 | 15 | 371500 | 79@0  | CP_64QAM   | 19.53 |
| n2 | 15 | 15 | 371500 | 39@19 | CP_64QAM   | 19.48 |
| n2 | 15 | 15 | 371500 | 1@1   | CP_64QAM   | 19.42 |
| n2 | 15 | 15 | 371500 | 1@77  | CP_64QAM   | 19.4  |
| n2 | 15 | 15 | 371500 | 79@0  | CP_256QAM  | 16.37 |
| n2 | 15 | 15 | 371500 | 39@19 | CP_256QAM  | 16.54 |
| n2 | 15 | 15 | 371500 | 1@1   | CP_256QAM  | 16.35 |
| n2 | 15 | 15 | 371500 | 1@77  | CP_256QAM  | 16.75 |
| n2 | 15 | 15 | 376000 | 75@0  | DFT_BPSK   | 23.12 |
| n2 | 15 | 15 | 376000 | 36@18 | DFT_BPSK   | 23.11 |
| n2 | 15 | 15 | 376000 | 1@1   | DFT_BPSK   | 22.91 |
| n2 | 15 | 15 | 376000 | 1@77  | DFT_BPSK   | 23.22 |
| n2 | 15 | 15 | 376000 | 75@0  | DFT_QPSK   | 23.19 |
| n2 | 15 | 15 | 376000 | 36@18 | DFT_QPSK   | 23.14 |
| n2 | 15 | 15 | 376000 | 1@1   | DFT_QPSK   | 22.9  |
| n2 | 15 | 15 | 376000 | 1@77  | DFT_QPSK   | 23.15 |
| n2 | 15 | 15 | 376000 | 75@0  | DFT_16QAM  | 21.65 |
| n2 | 15 | 15 | 376000 | 36@18 | DFT_16QAM  | 22.71 |
| n2 | 15 | 15 | 376000 | 1@1   | DFT_16QAM  | 22.61 |
| n2 | 15 | 15 | 376000 | 1@77  | DFT_16QAM  | 22.87 |
| n2 | 15 | 15 | 376000 | 75@0  | DFT_64QAM  | 20.66 |
| n2 | 15 | 15 | 376000 | 36@18 | DFT_64QAM  | 20.65 |
| n2 | 15 | 15 | 376000 | 1@1   | DFT_64QAM  | 20.41 |
| n2 | 15 | 15 | 376000 | 1@77  | DFT_64QAM  | 20.78 |
| n2 | 15 | 15 | 376000 | 75@0  | DFT_256QAM | 18.66 |
| n2 | 15 | 15 | 376000 | 36@18 | DFT_256QAM | 18.56 |
| n2 | 15 | 15 | 376000 | 1@1   | DFT_256QAM | 18.59 |
| n2 | 15 | 15 | 376000 | 1@77  | DFT_256QAM | 18.49 |
| n2 | 15 | 15 | 376000 | 79@0  | CP_QPSK    | 22.39 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n2 | 15 | 15 | 376000 | 39@19 | CP_QPSK    | 22.68 |
| n2 | 15 | 15 | 376000 | 1@1   | CP_QPSK    | 22.28 |
| n2 | 15 | 15 | 376000 | 1@77  | CP_QPSK    | 22.57 |
| n2 | 15 | 15 | 376000 | 79@0  | CP_16QAM   | 20.16 |
| n2 | 15 | 15 | 376000 | 39@19 | CP_16QAM   | 21.15 |
| n2 | 15 | 15 | 376000 | 1@1   | CP_16QAM   | 21    |
| n2 | 15 | 15 | 376000 | 1@77  | CP_16QAM   | 21.27 |
| n2 | 15 | 15 | 376000 | 79@0  | CP_64QAM   | 19.62 |
| n2 | 15 | 15 | 376000 | 39@19 | CP_64QAM   | 19.57 |
| n2 | 15 | 15 | 376000 | 1@1   | CP_64QAM   | 19.27 |
| n2 | 15 | 15 | 376000 | 1@77  | CP_64QAM   | 19.65 |
| n2 | 15 | 15 | 376000 | 79@0  | CP_256QAM  | 16.86 |
| n2 | 15 | 15 | 376000 | 39@19 | CP_256QAM  | 16.65 |
| n2 | 15 | 15 | 376000 | 1@1   | CP_256QAM  | 16.53 |
| n2 | 15 | 15 | 376000 | 1@77  | CP_256QAM  | 17.08 |
| n2 | 15 | 15 | 380500 | 75@0  | DFT_BPSK   | 22.81 |
| n2 | 15 | 15 | 380500 | 36@18 | DFT_BPSK   | 23.37 |
| n2 | 15 | 15 | 380500 | 1@1   | DFT_BPSK   | 22.75 |
| n2 | 15 | 15 | 380500 | 1@77  | DFT_BPSK   | 22.73 |
| n2 | 15 | 15 | 380500 | 75@0  | DFT_QPSK   | 22.92 |
| n2 | 15 | 15 | 380500 | 36@18 | DFT_QPSK   | 23.39 |
| n2 | 15 | 15 | 380500 | 1@1   | DFT_QPSK   | 22.84 |
| n2 | 15 | 15 | 380500 | 1@77  | DFT_QPSK   | 22.86 |
| n2 | 15 | 15 | 380500 | 75@0  | DFT_16QAM  | 21.86 |
| n2 | 15 | 15 | 380500 | 36@18 | DFT_16QAM  | 22.42 |
| n2 | 15 | 15 | 380500 | 1@1   | DFT_16QAM  | 22.45 |
| n2 | 15 | 15 | 380500 | 1@77  | DFT_16QAM  | 22.49 |
| n2 | 15 | 15 | 380500 | 75@0  | DFT_64QAM  | 20.84 |
| n2 | 15 | 15 | 380500 | 36@18 | DFT_64QAM  | 20.4  |
| n2 | 15 | 15 | 380500 | 1@1   | DFT_64QAM  | 20.8  |
| n2 | 15 | 15 | 380500 | 1@77  | DFT_64QAM  | 20.79 |
| n2 | 15 | 15 | 380500 | 75@0  | DFT_256QAM | 18.41 |
| n2 | 15 | 15 | 380500 | 36@18 | DFT_256QAM | 18.76 |
| n2 | 15 | 15 | 380500 | 1@1   | DFT_256QAM | 18.55 |
| n2 | 15 | 15 | 380500 | 1@77  | DFT_256QAM | 18.98 |
| n2 | 15 | 15 | 380500 | 79@0  | CP_QPSK    | 19.79 |
| n2 | 15 | 15 | 380500 | 39@19 | CP_QPSK    | 22.94 |
| n2 | 15 | 15 | 380500 | 1@1   | CP_QPSK    | 22.97 |
| n2 | 15 | 15 | 380500 | 1@77  | CP_QPSK    | 22.56 |
| n2 | 15 | 15 | 380500 | 79@0  | CP_16QAM   | 19.84 |
| n2 | 15 | 15 | 380500 | 39@19 | CP_16QAM   | 20.84 |
| n2 | 15 | 15 | 380500 | 1@1   | CP_16QAM   | 21.39 |
| n2 | 15 | 15 | 380500 | 1@77  | CP_16QAM   | 20.9  |
| n2 | 15 | 15 | 380500 | 79@0  | CP_64QAM   | 19.31 |
| n2 | 15 | 15 | 380500 | 39@19 | CP_64QAM   | 19.28 |
| n2 | 15 | 15 | 380500 | 1@1   | CP_64QAM   | 19.73 |
| n2 | 15 | 15 | 380500 | 1@77  | CP_64QAM   | 19.68 |
| n2 | 15 | 15 | 380500 | 79@0  | CP_256QAM  | 16.35 |
| n2 | 15 | 15 | 380500 | 39@19 | CP_256QAM  | 16.86 |
| n2 | 15 | 15 | 380500 | 1@1   | CP_256QAM  | 16.4  |
| n2 | 15 | 15 | 380500 | 1@77  | CP_256QAM  | 16.65 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n2 | 15 | 20 | 372000 | 100@0 | DFT_BPSK   | 23.54 |
| n2 | 15 | 20 | 372000 | 50@25 | DFT_BPSK   | 23.57 |
| n2 | 15 | 20 | 372000 | 1@1   | DFT_BPSK   | 23.38 |
| n2 | 15 | 20 | 372000 | 1@104 | DFT_BPSK   | 23.36 |
| n2 | 15 | 20 | 372000 | 100@0 | DFT_QPSK   | 23.1  |
| n2 | 15 | 20 | 372000 | 50@25 | DFT_QPSK   | 23.11 |
| n2 | 15 | 20 | 372000 | 1@1   | DFT_QPSK   | 22.94 |
| n2 | 15 | 20 | 372000 | 1@104 | DFT_QPSK   | 23.36 |
| n2 | 15 | 20 | 372000 | 100@0 | DFT_16QAM  | 22.05 |
| n2 | 15 | 20 | 372000 | 50@25 | DFT_16QAM  | 23.13 |
| n2 | 15 | 20 | 372000 | 1@1   | DFT_16QAM  | 23.15 |
| n2 | 15 | 20 | 372000 | 1@104 | DFT_16QAM  | 23.09 |
| n2 | 15 | 20 | 372000 | 100@0 | DFT_64QAM  | 20.58 |
| n2 | 15 | 20 | 372000 | 50@25 | DFT_64QAM  | 20.57 |
| n2 | 15 | 20 | 372000 | 1@1   | DFT_64QAM  | 20.47 |
| n2 | 15 | 20 | 372000 | 1@104 | DFT_64QAM  | 20.41 |
| n2 | 15 | 20 | 372000 | 100@0 | DFT_256QAM | 18.72 |
| n2 | 15 | 20 | 372000 | 50@25 | DFT_256QAM | 18.51 |
| n2 | 15 | 20 | 372000 | 1@1   | DFT_256QAM | 18.74 |
| n2 | 15 | 20 | 372000 | 1@104 | DFT_256QAM | 18.6  |
| n2 | 15 | 20 | 372000 | 106@0 | CP_QPSK    | 20.55 |
| n2 | 15 | 20 | 372000 | 53@26 | CP_QPSK    | 22.63 |
| n2 | 15 | 20 | 372000 | 1@1   | CP_QPSK    | 22.64 |
| n2 | 15 | 20 | 372000 | 1@104 | CP_QPSK    | 23.04 |
| n2 | 15 | 20 | 372000 | 106@0 | CP_16QAM   | 20.55 |
| n2 | 15 | 20 | 372000 | 53@26 | CP_16QAM   | 21.55 |
| n2 | 15 | 20 | 372000 | 1@1   | CP_16QAM   | 21.51 |
| n2 | 15 | 20 | 372000 | 1@104 | CP_16QAM   | 21.47 |
| n2 | 15 | 20 | 372000 | 106@0 | CP_64QAM   | 19.53 |
| n2 | 15 | 20 | 372000 | 53@26 | CP_64QAM   | 19.51 |
| n2 | 15 | 20 | 372000 | 1@1   | CP_64QAM   | 19.79 |
| n2 | 15 | 20 | 372000 | 1@104 | CP_64QAM   | 19.77 |
| n2 | 15 | 20 | 372000 | 106@0 | CP_256QAM  | 16.72 |
| n2 | 15 | 20 | 372000 | 53@26 | CP_256QAM  | 17.15 |
| n2 | 15 | 20 | 372000 | 1@1   | CP_256QAM  | 17.16 |
| n2 | 15 | 20 | 372000 | 1@104 | CP_256QAM  | 16.71 |
| n2 | 15 | 20 | 376000 | 100@0 | DFT_BPSK   | 23.58 |
| n2 | 15 | 20 | 376000 | 50@25 | DFT_BPSK   | 23.64 |
| n2 | 15 | 20 | 376000 | 1@1   | DFT_BPSK   | 23.34 |
| n2 | 15 | 20 | 376000 | 1@104 | DFT_BPSK   | 23.67 |
| n2 | 15 | 20 | 376000 | 100@0 | DFT_QPSK   | 23.58 |
| n2 | 15 | 20 | 376000 | 50@25 | DFT_QPSK   | 23.68 |
| n2 | 15 | 20 | 376000 | 1@1   | DFT_QPSK   | 23.33 |
| n2 | 15 | 20 | 376000 | 1@104 | DFT_QPSK   | 23.62 |
| n2 | 15 | 20 | 376000 | 100@0 | DFT_16QAM  | 22.1  |
| n2 | 15 | 20 | 376000 | 50@25 | DFT_16QAM  | 23.31 |
| n2 | 15 | 20 | 376000 | 1@1   | DFT_16QAM  | 23.04 |
| n2 | 15 | 20 | 376000 | 1@104 | DFT_16QAM  | 23.45 |
| n2 | 15 | 20 | 376000 | 100@0 | DFT_64QAM  | 21.07 |
| n2 | 15 | 20 | 376000 | 50@25 | DFT_64QAM  | 21.18 |
| n2 | 15 | 20 | 376000 | 1@1   | DFT_64QAM  | 20.91 |
| n2 | 15 | 20 | 376000 | 1@104 | DFT_64QAM  | 21.21 |
| n2 | 15 | 20 | 376000 | 100@0 | DFT_256QAM | 19.01 |
| n2 | 15 | 20 | 376000 | 50@25 | DFT_256QAM | 19.07 |
| n2 | 15 | 20 | 376000 | 1@1   | DFT_256QAM | 18.86 |
| n2 | 15 | 20 | 376000 | 1@104 | DFT_256QAM | 19.39 |
| n2 | 15 | 20 | 376000 | 106@0 | CP_QPSK    | 20.54 |





|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n2 | 15 | 20 | 376000 | 53@26 | CP_QPSK    | 23.18 |
| n2 | 15 | 20 | 376000 | 1@1   | CP_QPSK    | 23.02 |
| n2 | 15 | 20 | 376000 | 1@104 | CP_QPSK    | 23.38 |
| n2 | 15 | 20 | 376000 | 106@0 | CP_16QAM   | 20.55 |
| n2 | 15 | 20 | 376000 | 53@26 | CP_16QAM   | 21.7  |
| n2 | 15 | 20 | 376000 | 1@1   | CP_16QAM   | 21.48 |
| n2 | 15 | 20 | 376000 | 1@104 | CP_16QAM   | 21.76 |
| n2 | 15 | 20 | 376000 | 106@0 | CP_64QAM   | 20.01 |
| n2 | 15 | 20 | 376000 | 53@26 | CP_64QAM   | 20.14 |
| n2 | 15 | 20 | 376000 | 1@1   | CP_64QAM   | 19.74 |
| n2 | 15 | 20 | 376000 | 1@104 | CP_64QAM   | 20.14 |
| n2 | 15 | 20 | 376000 | 106@0 | CP_256QAM  | 16.79 |
| n2 | 15 | 20 | 376000 | 53@26 | CP_256QAM  | 17.24 |
| n2 | 15 | 20 | 376000 | 1@1   | CP_256QAM  | 17.15 |
| n2 | 15 | 20 | 376000 | 1@104 | CP_256QAM  | 17.53 |
| n2 | 15 | 20 | 380000 | 100@0 | DFT_BPSK   | 23.33 |
| n2 | 15 | 20 | 380000 | 50@25 | DFT_BPSK   | 23.39 |
| n2 | 15 | 20 | 380000 | 1@1   | DFT_BPSK   | 23.17 |
| n2 | 15 | 20 | 380000 | 1@104 | DFT_BPSK   | 23.74 |
| n2 | 15 | 20 | 380000 | 100@0 | DFT_QPSK   | 23.4  |
| n2 | 15 | 20 | 380000 | 50@25 | DFT_QPSK   | 23.95 |
| n2 | 15 | 20 | 380000 | 1@1   | DFT_QPSK   | 23.67 |
| n2 | 15 | 20 | 380000 | 1@104 | DFT_QPSK   | 23.2  |
| n2 | 15 | 20 | 380000 | 100@0 | DFT_16QAM  | 22.34 |
| n2 | 15 | 20 | 380000 | 50@25 | DFT_16QAM  | 23.45 |
| n2 | 15 | 20 | 380000 | 1@1   | DFT_16QAM  | 22.92 |
| n2 | 15 | 20 | 380000 | 1@104 | DFT_16QAM  | 22.96 |
| n2 | 15 | 20 | 380000 | 100@0 | DFT_64QAM  | 20.86 |
| n2 | 15 | 20 | 380000 | 50@25 | DFT_64QAM  | 20.87 |
| n2 | 15 | 20 | 380000 | 1@1   | DFT_64QAM  | 21.2  |
| n2 | 15 | 20 | 380000 | 1@104 | DFT_64QAM  | 20.78 |
| n2 | 15 | 20 | 380000 | 100@0 | DFT_256QAM | 18.81 |
| n2 | 15 | 20 | 380000 | 50@25 | DFT_256QAM | 19.29 |
| n2 | 15 | 20 | 380000 | 1@1   | DFT_256QAM | 19.38 |
| n2 | 15 | 20 | 380000 | 1@104 | DFT_256QAM | 19.43 |
| n2 | 15 | 20 | 380000 | 106@0 | CP_QPSK    | 20.27 |
| n2 | 15 | 20 | 380000 | 53@26 | CP_QPSK    | 22.98 |
| n2 | 15 | 20 | 380000 | 1@1   | CP_QPSK    | 22.89 |
| n2 | 15 | 20 | 380000 | 1@104 | CP_QPSK    | 23.42 |
| n2 | 15 | 20 | 380000 | 106@0 | CP_16QAM   | 20.28 |
| n2 | 15 | 20 | 380000 | 53@26 | CP_16QAM   | 21.47 |
| n2 | 15 | 20 | 380000 | 1@1   | CP_16QAM   | 21.95 |
| n2 | 15 | 20 | 380000 | 1@104 | CP_16QAM   | 21.53 |
| n2 | 15 | 20 | 380000 | 106@0 | CP_64QAM   | 19.75 |
| n2 | 15 | 20 | 380000 | 53@26 | CP_64QAM   | 20.35 |
| n2 | 15 | 20 | 380000 | 1@1   | CP_64QAM   | 20.13 |
| n2 | 15 | 20 | 380000 | 1@104 | CP_64QAM   | 20.14 |
| n2 | 15 | 20 | 380000 | 106@0 | CP_256QAM  | 16.9  |
| n2 | 15 | 20 | 380000 | 53@26 | CP_256QAM  | 17.03 |
| n2 | 15 | 20 | 380000 | 1@1   | CP_256QAM  | 16.89 |
| n2 | 15 | 20 | 380000 | 1@104 | CP_256QAM  | 17.1  |





| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Power (dBm) |
|------|-----------|-----------------|------------|---------------|------------|-------------|
| n5   | 15        | 5               | 165300     | 25@0          | DFT_BPSK   | 23.63       |
| n5   | 15        | 5               | 165300     | 12@6          | DFT_BPSK   | 23.17       |
| n5   | 15        | 5               | 165300     | 1@1           | DFT_BPSK   | 23.49       |
| n5   | 15        | 5               | 165300     | 1@23          | DFT_BPSK   | 22.94       |
| n5   | 15        | 5               | 165300     | 25@0          | DFT_QPSK   | 23.13       |
| n5   | 15        | 5               | 165300     | 12@6          | DFT_QPSK   | 23.62       |
| n5   | 15        | 5               | 165300     | 1@1           | DFT_QPSK   | 23.03       |
| n5   | 15        | 5               | 165300     | 1@23          | DFT_QPSK   | 23.47       |
| n5   | 15        | 5               | 165300     | 25@0          | DFT_16QAM  | 22.1        |
| n5   | 15        | 5               | 165300     | 12@6          | DFT_16QAM  | 23.05       |
| n5   | 15        | 5               | 165300     | 1@1           | DFT_16QAM  | 22.68       |
| n5   | 15        | 5               | 165300     | 1@23          | DFT_16QAM  | 23.07       |
| n5   | 15        | 5               | 165300     | 25@0          | DFT_64QAM  | 21.1        |
| n5   | 15        | 5               | 165300     | 12@6          | DFT_64QAM  | 21.11       |
| n5   | 15        | 5               | 165300     | 1@1           | DFT_64QAM  | 20.88       |
| n5   | 15        | 5               | 165300     | 1@23          | DFT_64QAM  | 20.83       |
| n5   | 15        | 5               | 165300     | 25@0          | DFT_256QAM | 19.04       |
| n5   | 15        | 5               | 165300     | 12@6          | DFT_256QAM | 19.05       |
| n5   | 15        | 5               | 165300     | 1@1           | DFT_256QAM | 18.68       |
| n5   | 15        | 5               | 165300     | 1@23          | DFT_256QAM | 19.08       |
| n5   | 15        | 5               | 165300     | 25@0          | CP_QPSK    | 20.1        |
| n5   | 15        | 5               | 165300     | 13@6          | CP_QPSK    | 23.05       |
| n5   | 15        | 5               | 165300     | 1@1           | CP_QPSK    | 22.62       |
| n5   | 15        | 5               | 165300     | 1@23          | CP_QPSK    | 22.58       |
| n5   | 15        | 5               | 165300     | 25@0          | CP_16QAM   | 20.13       |
| n5   | 15        | 5               | 165300     | 13@6          | CP_16QAM   | 21.55       |
| n5   | 15        | 5               | 165300     | 1@1           | CP_16QAM   | 21.26       |
| n5   | 15        | 5               | 165300     | 1@23          | CP_16QAM   | 21.69       |
| n5   | 15        | 5               | 165300     | 25@0          | CP_64QAM   | 20.03       |
| n5   | 15        | 5               | 165300     | 13@6          | CP_64QAM   | 20.18       |
| n5   | 15        | 5               | 165300     | 1@1           | CP_64QAM   | 19.99       |
| n5   | 15        | 5               | 165300     | 1@23          | CP_64QAM   | 19.45       |
| n5   | 15        | 5               | 165300     | 25@0          | CP_256QAM  | 17.14       |
| n5   | 15        | 5               | 165300     | 13@6          | CP_256QAM  | 16.75       |
| n5   | 15        | 5               | 165300     | 1@1           | CP_256QAM  | 16.94       |
| n5   | 15        | 5               | 165300     | 1@23          | CP_256QAM  | 17.3        |
| n5   | 15        | 5               | 167300     | 25@0          | DFT_BPSK   | 23.47       |
| n5   | 15        | 5               | 167300     | 12@6          | DFT_BPSK   | 23.49       |
| n5   | 15        | 5               | 167300     | 1@1           | DFT_BPSK   | 23.36       |
| n5   | 15        | 5               | 167300     | 1@23          | DFT_BPSK   | 23.37       |
| n5   | 15        | 5               | 167300     | 25@0          | DFT_QPSK   | 23.46       |
| n5   | 15        | 5               | 167300     | 12@6          | DFT_QPSK   | 23.52       |
| n5   | 15        | 5               | 167300     | 1@1           | DFT_QPSK   | 23.42       |
| n5   | 15        | 5               | 167300     | 1@23          | DFT_QPSK   | 23.39       |
| n5   | 15        | 5               | 167300     | 25@0          | DFT_16QAM  | 21.97       |
| n5   | 15        | 5               | 167300     | 12@6          | DFT_16QAM  | 22.95       |
| n5   | 15        | 5               | 167300     | 1@1           | DFT_16QAM  | 23.08       |
| n5   | 15        | 5               | 167300     | 1@23          | DFT_16QAM  | 23.07       |
| n5   | 15        | 5               | 167300     | 25@0          | DFT_64QAM  | 20.98       |
| n5   | 15        | 5               | 167300     | 12@6          | DFT_64QAM  | 21.03       |
| n5   | 15        | 5               | 167300     | 1@1           | DFT_64QAM  | 20.75       |
| n5   | 15        | 5               | 167300     | 1@23          | DFT_64QAM  | 20.77       |
| n5   | 15        | 5               | 167300     | 25@0          | DFT_256QAM | 18.93       |
| n5   | 15        | 5               | 167300     | 12@6          | DFT_256QAM | 18.98       |
| n5   | 15        | 5               | 167300     | 1@1           | DFT_256QAM | 19.13       |



|    |    |   |        |      |            |       |
|----|----|---|--------|------|------------|-------|
| n5 | 15 | 5 | 167300 | 1@23 | DFT_256QAM | 19.09 |
| n5 | 15 | 5 | 167300 | 25@0 | CP_QPSK    | 20.41 |
| n5 | 15 | 5 | 167300 | 13@6 | CP_QPSK    | 22.95 |
| n5 | 15 | 5 | 167300 | 1@1  | CP_QPSK    | 23.11 |
| n5 | 15 | 5 | 167300 | 1@23 | CP_QPSK    | 23.05 |
| n5 | 15 | 5 | 167300 | 25@0 | CP_16QAM   | 20.44 |
| n5 | 15 | 5 | 167300 | 13@6 | CP_16QAM   | 21.46 |
| n5 | 15 | 5 | 167300 | 1@1  | CP_16QAM   | 21.67 |
| n5 | 15 | 5 | 167300 | 1@23 | CP_16QAM   | 21.64 |
| n5 | 15 | 5 | 167300 | 25@0 | CP_64QAM   | 19.97 |
| n5 | 15 | 5 | 167300 | 13@6 | CP_64QAM   | 20.06 |
| n5 | 15 | 5 | 167300 | 1@1  | CP_64QAM   | 19.86 |
| n5 | 15 | 5 | 167300 | 1@23 | CP_64QAM   | 19.89 |
| n5 | 15 | 5 | 167300 | 25@0 | CP_256QAM  | 17.04 |
| n5 | 15 | 5 | 167300 | 13@6 | CP_256QAM  | 17.05 |
| n5 | 15 | 5 | 167300 | 1@1  | CP_256QAM  | 17.3  |
| n5 | 15 | 5 | 167300 | 1@23 | CP_256QAM  | 17.29 |
| n5 | 15 | 5 | 169300 | 25@0 | DFT_BPSK   | 23.13 |
| n5 | 15 | 5 | 169300 | 12@6 | DFT_BPSK   | 23.6  |
| n5 | 15 | 5 | 169300 | 1@1  | DFT_BPSK   | 23.01 |
| n5 | 15 | 5 | 169300 | 1@23 | DFT_BPSK   | 23.53 |
| n5 | 15 | 5 | 169300 | 25@0 | DFT_QPSK   | 23.12 |
| n5 | 15 | 5 | 169300 | 12@6 | DFT_QPSK   | 23.17 |
| n5 | 15 | 5 | 169300 | 1@1  | DFT_QPSK   | 23.04 |
| n5 | 15 | 5 | 169300 | 1@23 | DFT_QPSK   | 23.04 |
| n5 | 15 | 5 | 169300 | 25@0 | DFT_16QAM  | 21.62 |
| n5 | 15 | 5 | 169300 | 12@6 | DFT_16QAM  | 22.59 |
| n5 | 15 | 5 | 169300 | 1@1  | DFT_16QAM  | 22.73 |
| n5 | 15 | 5 | 169300 | 1@23 | DFT_16QAM  | 23.25 |
| n5 | 15 | 5 | 169300 | 25@0 | DFT_64QAM  | 21.04 |
| n5 | 15 | 5 | 169300 | 12@6 | DFT_64QAM  | 21.11 |
| n5 | 15 | 5 | 169300 | 1@1  | DFT_64QAM  | 20.99 |
| n5 | 15 | 5 | 169300 | 1@23 | DFT_64QAM  | 20.58 |
| n5 | 15 | 5 | 169300 | 25@0 | DFT_256QAM | 19.01 |
| n5 | 15 | 5 | 169300 | 12@6 | DFT_256QAM | 19.05 |
| n5 | 15 | 5 | 169300 | 1@1  | DFT_256QAM | 19.36 |
| n5 | 15 | 5 | 169300 | 1@23 | DFT_256QAM | 19.17 |
| n5 | 15 | 5 | 169300 | 25@0 | CP_QPSK    | 20.52 |
| n5 | 15 | 5 | 169300 | 13@6 | CP_QPSK    | 22.57 |
| n5 | 15 | 5 | 169300 | 1@1  | CP_QPSK    | 22.74 |
| n5 | 15 | 5 | 169300 | 1@23 | CP_QPSK    | 23.25 |
| n5 | 15 | 5 | 169300 | 25@0 | CP_16QAM   | 20.55 |
| n5 | 15 | 5 | 169300 | 13@6 | CP_16QAM   | 21.1  |
| n5 | 15 | 5 | 169300 | 1@1  | CP_16QAM   | 21.25 |
| n5 | 15 | 5 | 169300 | 1@23 | CP_16QAM   | 21.31 |
| n5 | 15 | 5 | 169300 | 25@0 | CP_64QAM   | 20    |
| n5 | 15 | 5 | 169300 | 13@6 | CP_64QAM   | 19.71 |
| n5 | 15 | 5 | 169300 | 1@1  | CP_64QAM   | 19.99 |
| n5 | 15 | 5 | 169300 | 1@23 | CP_64QAM   | 20.01 |
| n5 | 15 | 5 | 169300 | 25@0 | CP_256QAM  | 16.48 |
| n5 | 15 | 5 | 169300 | 13@6 | CP_256QAM  | 16.53 |
| n5 | 15 | 5 | 169300 | 1@1  | CP_256QAM  | 17.17 |
| n5 | 15 | 5 | 169300 | 1@23 | CP_256QAM  | 16.78 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n5 | 15 | 10 | 165800 | 50@0  | DFT_BPSK   | 23.11 |
| n5 | 15 | 10 | 165800 | 25@12 | DFT_BPSK   | 23.53 |
| n5 | 15 | 10 | 165800 | 1@1   | DFT_BPSK   | 23.52 |
| n5 | 15 | 10 | 165800 | 1@50  | DFT_BPSK   | 22.94 |
| n5 | 15 | 10 | 165800 | 50@0  | DFT_QPSK   | 23.6  |
| n5 | 15 | 10 | 165800 | 25@12 | DFT_QPSK   | 23.55 |
| n5 | 15 | 10 | 165800 | 1@1   | DFT_QPSK   | 23.43 |
| n5 | 15 | 10 | 165800 | 1@50  | DFT_QPSK   | 23.37 |
| n5 | 15 | 10 | 165800 | 50@0  | DFT_16QAM  | 21.69 |
| n5 | 15 | 10 | 165800 | 25@12 | DFT_16QAM  | 23.04 |
| n5 | 15 | 10 | 165800 | 1@1   | DFT_16QAM  | 22.62 |
| n5 | 15 | 10 | 165800 | 1@50  | DFT_16QAM  | 23.02 |
| n5 | 15 | 10 | 165800 | 50@0  | DFT_64QAM  | 21.12 |
| n5 | 15 | 10 | 165800 | 25@12 | DFT_64QAM  | 20.61 |
| n5 | 15 | 10 | 165800 | 1@1   | DFT_64QAM  | 20.83 |
| n5 | 15 | 10 | 165800 | 1@50  | DFT_64QAM  | 20.74 |
| n5 | 15 | 10 | 165800 | 50@0  | DFT_256QAM | 19.05 |
| n5 | 15 | 10 | 165800 | 25@12 | DFT_256QAM | 19.03 |
| n5 | 15 | 10 | 165800 | 1@1   | DFT_256QAM | 19.14 |
| n5 | 15 | 10 | 165800 | 1@50  | DFT_256QAM | 19.07 |
| n5 | 15 | 10 | 165800 | 52@0  | CP_QPSK    | 20.63 |
| n5 | 15 | 10 | 165800 | 26@13 | CP_QPSK    | 22.63 |
| n5 | 15 | 10 | 165800 | 1@1   | CP_QPSK    | 22.58 |
| n5 | 15 | 10 | 165800 | 1@50  | CP_QPSK    | 22.62 |
| n5 | 15 | 10 | 165800 | 52@0  | CP_16QAM   | 20.15 |
| n5 | 15 | 10 | 165800 | 26@13 | CP_16QAM   | 20.98 |
| n5 | 15 | 10 | 165800 | 1@1   | CP_16QAM   | 21.26 |
| n5 | 15 | 10 | 165800 | 1@50  | CP_16QAM   | 21.61 |
| n5 | 15 | 10 | 165800 | 52@0  | CP_64QAM   | 19.66 |
| n5 | 15 | 10 | 165800 | 26@13 | CP_64QAM   | 19.59 |
| n5 | 15 | 10 | 165800 | 1@1   | CP_64QAM   | 19.52 |
| n5 | 15 | 10 | 165800 | 1@50  | CP_64QAM   | 19.84 |
| n5 | 15 | 10 | 165800 | 52@0  | CP_256QAM  | 17.21 |
| n5 | 15 | 10 | 165800 | 26@13 | CP_256QAM  | 17.1  |
| n5 | 15 | 10 | 165800 | 1@1   | CP_256QAM  | 17.34 |
| n5 | 15 | 10 | 165800 | 1@50  | CP_256QAM  | 17.24 |
| n5 | 15 | 10 | 167300 | 50@0  | DFT_BPSK   | 23.43 |
| n5 | 15 | 10 | 167300 | 25@12 | DFT_BPSK   | 23.5  |
| n5 | 15 | 10 | 167300 | 1@1   | DFT_BPSK   | 23.38 |
| n5 | 15 | 10 | 167300 | 1@50  | DFT_BPSK   | 23.39 |
| n5 | 15 | 10 | 167300 | 50@0  | DFT_QPSK   | 23.47 |
| n5 | 15 | 10 | 167300 | 25@12 | DFT_QPSK   | 23.49 |
| n5 | 15 | 10 | 167300 | 1@1   | DFT_QPSK   | 23.48 |
| n5 | 15 | 10 | 167300 | 1@50  | DFT_QPSK   | 23.43 |
| n5 | 15 | 10 | 167300 | 50@0  | DFT_16QAM  | 21.99 |
| n5 | 15 | 10 | 167300 | 25@12 | DFT_16QAM  | 22.96 |
| n5 | 15 | 10 | 167300 | 1@1   | DFT_16QAM  | 23.07 |
| n5 | 15 | 10 | 167300 | 1@50  | DFT_16QAM  | 23.09 |
| n5 | 15 | 10 | 167300 | 50@0  | DFT_64QAM  | 20.96 |
| n5 | 15 | 10 | 167300 | 25@12 | DFT_64QAM  | 20.9  |
| n5 | 15 | 10 | 167300 | 1@1   | DFT_64QAM  | 20.8  |
| n5 | 15 | 10 | 167300 | 1@50  | DFT_64QAM  | 20.87 |
| n5 | 15 | 10 | 167300 | 50@0  | DFT_256QAM | 18.87 |
| n5 | 15 | 10 | 167300 | 25@12 | DFT_256QAM | 18.87 |
| n5 | 15 | 10 | 167300 | 1@1   | DFT_256QAM | 19.09 |
| n5 | 15 | 10 | 167300 | 1@50  | DFT_256QAM | 19.15 |
| n5 | 15 | 10 | 167300 | 52@0  | CP_QPSK    | 20.44 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n5 | 15 | 10 | 167300 | 26@13 | CP_QPSK    | 22.99 |
| n5 | 15 | 10 | 167300 | 1@1   | CP_QPSK    | 23.1  |
| n5 | 15 | 10 | 167300 | 1@50  | CP_QPSK    | 23.18 |
| n5 | 15 | 10 | 167300 | 52@0  | CP_16QAM   | 20.4  |
| n5 | 15 | 10 | 167300 | 26@13 | CP_16QAM   | 21.38 |
| n5 | 15 | 10 | 167300 | 1@1   | CP_16QAM   | 21.7  |
| n5 | 15 | 10 | 167300 | 1@50  | CP_16QAM   | 21.73 |
| n5 | 15 | 10 | 167300 | 52@0  | CP_64QAM   | 19.92 |
| n5 | 15 | 10 | 167300 | 26@13 | CP_64QAM   | 20.03 |
| n5 | 15 | 10 | 167300 | 1@1   | CP_64QAM   | 19.85 |
| n5 | 15 | 10 | 167300 | 1@50  | CP_64QAM   | 19.98 |
| n5 | 15 | 10 | 167300 | 52@0  | CP_256QAM  | 17.01 |
| n5 | 15 | 10 | 167300 | 26@13 | CP_256QAM  | 17.06 |
| n5 | 15 | 10 | 167300 | 1@1   | CP_256QAM  | 17.33 |
| n5 | 15 | 10 | 167300 | 1@50  | CP_256QAM  | 17.35 |
| n5 | 15 | 10 | 168800 | 50@0  | DFT_BPSK   | 23.5  |
| n5 | 15 | 10 | 168800 | 25@12 | DFT_BPSK   | 23.61 |
| n5 | 15 | 10 | 168800 | 1@1   | DFT_BPSK   | 23.37 |
| n5 | 15 | 10 | 168800 | 1@50  | DFT_BPSK   | 23.08 |
| n5 | 15 | 10 | 168800 | 50@0  | DFT_QPSK   | 23.07 |
| n5 | 15 | 10 | 168800 | 25@12 | DFT_QPSK   | 23.62 |
| n5 | 15 | 10 | 168800 | 1@1   | DFT_QPSK   | 23.43 |
| n5 | 15 | 10 | 168800 | 1@50  | DFT_QPSK   | 23.55 |
| n5 | 15 | 10 | 168800 | 50@0  | DFT_16QAM  | 21.62 |
| n5 | 15 | 10 | 168800 | 25@12 | DFT_16QAM  | 22.66 |
| n5 | 15 | 10 | 168800 | 1@1   | DFT_16QAM  | 22.66 |
| n5 | 15 | 10 | 168800 | 1@50  | DFT_16QAM  | 22.79 |
| n5 | 15 | 10 | 168800 | 50@0  | DFT_64QAM  | 21.07 |
| n5 | 15 | 10 | 168800 | 25@12 | DFT_64QAM  | 21.08 |
| n5 | 15 | 10 | 168800 | 1@1   | DFT_64QAM  | 20.78 |
| n5 | 15 | 10 | 168800 | 1@50  | DFT_64QAM  | 20.47 |
| n5 | 15 | 10 | 168800 | 50@0  | DFT_256QAM | 18.91 |
| n5 | 15 | 10 | 168800 | 25@12 | DFT_256QAM | 19.04 |
| n5 | 15 | 10 | 168800 | 1@1   | DFT_256QAM | 19.15 |
| n5 | 15 | 10 | 168800 | 1@50  | DFT_256QAM | 19.2  |
| n5 | 15 | 10 | 168800 | 52@0  | CP_QPSK    | 20.07 |
| n5 | 15 | 10 | 168800 | 26@13 | CP_QPSK    | 23.14 |
| n5 | 15 | 10 | 168800 | 1@1   | CP_QPSK    | 22.63 |
| n5 | 15 | 10 | 168800 | 1@50  | CP_QPSK    | 23.22 |
| n5 | 15 | 10 | 168800 | 52@0  | CP_16QAM   | 20.44 |
| n5 | 15 | 10 | 168800 | 26@13 | CP_16QAM   | 21.05 |
| n5 | 15 | 10 | 168800 | 1@1   | CP_16QAM   | 21.67 |
| n5 | 15 | 10 | 168800 | 1@50  | CP_16QAM   | 21.39 |
| n5 | 15 | 10 | 168800 | 52@0  | CP_64QAM   | 19.53 |
| n5 | 15 | 10 | 168800 | 26@13 | CP_64QAM   | 20.06 |
| n5 | 15 | 10 | 168800 | 1@1   | CP_64QAM   | 19.93 |
| n5 | 15 | 10 | 168800 | 1@50  | CP_64QAM   | 19.55 |
| n5 | 15 | 10 | 168800 | 52@0  | CP_256QAM  | 16.46 |
| n5 | 15 | 10 | 168800 | 26@13 | CP_256QAM  | 16.95 |
| n5 | 15 | 10 | 168800 | 1@1   | CP_256QAM  | 16.81 |
| n5 | 15 | 10 | 168800 | 1@50  | CP_256QAM  | 16.76 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n5 | 15 | 15 | 166300 | 75@0  | DFT_BPSK   | 23.57 |
| n5 | 15 | 15 | 166300 | 36@18 | DFT_BPSK   | 23.57 |
| n5 | 15 | 15 | 166300 | 1@1   | DFT_BPSK   | 23.52 |
| n5 | 15 | 15 | 166300 | 1@77  | DFT_BPSK   | 23.43 |
| n5 | 15 | 15 | 166300 | 75@0  | DFT_QPSK   | 23.57 |
| n5 | 15 | 15 | 166300 | 36@18 | DFT_QPSK   | 23.59 |
| n5 | 15 | 15 | 166300 | 1@1   | DFT_QPSK   | 23.49 |
| n5 | 15 | 15 | 166300 | 1@77  | DFT_QPSK   | 23.38 |
| n5 | 15 | 15 | 166300 | 75@0  | DFT_16QAM  | 22.13 |
| n5 | 15 | 15 | 166300 | 36@18 | DFT_16QAM  | 23    |
| n5 | 15 | 15 | 166300 | 1@1   | DFT_16QAM  | 23.09 |
| n5 | 15 | 15 | 166300 | 1@77  | DFT_16QAM  | 23.1  |
| n5 | 15 | 15 | 166300 | 75@0  | DFT_64QAM  | 21.08 |
| n5 | 15 | 15 | 166300 | 36@18 | DFT_64QAM  | 21.05 |
| n5 | 15 | 15 | 166300 | 1@1   | DFT_64QAM  | 20.9  |
| n5 | 15 | 15 | 166300 | 1@77  | DFT_64QAM  | 20.8  |
| n5 | 15 | 15 | 166300 | 75@0  | DFT_256QAM | 19.02 |
| n5 | 15 | 15 | 166300 | 36@18 | DFT_256QAM | 18.95 |
| n5 | 15 | 15 | 166300 | 1@1   | DFT_256QAM | 19.19 |
| n5 | 15 | 15 | 166300 | 1@77  | DFT_256QAM | 19.08 |
| n5 | 15 | 15 | 166300 | 79@0  | CP_QPSK    | 20.56 |
| n5 | 15 | 15 | 166300 | 39@19 | CP_QPSK    | 23    |
| n5 | 15 | 15 | 166300 | 1@1   | CP_QPSK    | 23.05 |
| n5 | 15 | 15 | 166300 | 1@77  | CP_QPSK    | 22.99 |
| n5 | 15 | 15 | 166300 | 79@0  | CP_16QAM   | 20.55 |
| n5 | 15 | 15 | 166300 | 39@19 | CP_16QAM   | 21.44 |
| n5 | 15 | 15 | 166300 | 1@1   | CP_16QAM   | 21.69 |
| n5 | 15 | 15 | 166300 | 1@77  | CP_16QAM   | 21.67 |
| n5 | 15 | 15 | 166300 | 79@0  | CP_64QAM   | 20.14 |
| n5 | 15 | 15 | 166300 | 39@19 | CP_64QAM   | 19.99 |
| n5 | 15 | 15 | 166300 | 1@1   | CP_64QAM   | 19.99 |
| n5 | 15 | 15 | 166300 | 1@77  | CP_64QAM   | 19.85 |
| n5 | 15 | 15 | 166300 | 79@0  | CP_256QAM  | 17.8  |
| n5 | 15 | 15 | 166300 | 39@19 | CP_256QAM  | 17.02 |
| n5 | 15 | 15 | 166300 | 1@1   | CP_256QAM  | 17.23 |
| n5 | 15 | 15 | 166300 | 1@77  | CP_256QAM  | 17.34 |
| n5 | 15 | 15 | 167300 | 75@0  | DFT_BPSK   | 23.42 |
| n5 | 15 | 15 | 167300 | 36@18 | DFT_BPSK   | 23.49 |
| n5 | 15 | 15 | 167300 | 1@1   | DFT_BPSK   | 23.41 |
| n5 | 15 | 15 | 167300 | 1@77  | DFT_BPSK   | 23.54 |
| n5 | 15 | 15 | 167300 | 75@0  | DFT_QPSK   | 23.5  |
| n5 | 15 | 15 | 167300 | 36@18 | DFT_QPSK   | 23.47 |
| n5 | 15 | 15 | 167300 | 1@1   | DFT_QPSK   | 23.35 |
| n5 | 15 | 15 | 167300 | 1@77  | DFT_QPSK   | 23.49 |
| n5 | 15 | 15 | 167300 | 75@0  | DFT_16QAM  | 21.99 |
| n5 | 15 | 15 | 167300 | 36@18 | DFT_16QAM  | 23.01 |
| n5 | 15 | 15 | 167300 | 1@1   | DFT_16QAM  | 23.06 |
| n5 | 15 | 15 | 167300 | 1@77  | DFT_16QAM  | 23.14 |
| n5 | 15 | 15 | 167300 | 75@0  | DFT_64QAM  | 20.95 |
| n5 | 15 | 15 | 167300 | 36@18 | DFT_64QAM  | 21.02 |
| n5 | 15 | 15 | 167300 | 1@1   | DFT_64QAM  | 20.95 |
| n5 | 15 | 15 | 167300 | 1@77  | DFT_64QAM  | 21.02 |
| n5 | 15 | 15 | 167300 | 75@0  | DFT_256QAM | 18.39 |
| n5 | 15 | 15 | 167300 | 36@18 | DFT_256QAM | 18.93 |
| n5 | 15 | 15 | 167300 | 1@1   | DFT_256QAM | 19.09 |
| n5 | 15 | 15 | 167300 | 1@77  | DFT_256QAM | 19.16 |
| n5 | 15 | 15 | 167300 | 79@0  | CP_QPSK    | 20.49 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n5 | 15 | 15 | 167300 | 39@19 | CP_QPSK    | 23.05 |
| n5 | 15 | 15 | 167300 | 1@1   | CP_QPSK    | 23.05 |
| n5 | 15 | 15 | 167300 | 1@77  | CP_QPSK    | 23.08 |
| n5 | 15 | 15 | 167300 | 79@0  | CP_16QAM   | 20.49 |
| n5 | 15 | 15 | 167300 | 39@19 | CP_16QAM   | 21.46 |
| n5 | 15 | 15 | 167300 | 1@1   | CP_16QAM   | 21.53 |
| n5 | 15 | 15 | 167300 | 1@77  | CP_16QAM   | 21.59 |
| n5 | 15 | 15 | 167300 | 79@0  | CP_64QAM   | 19.97 |
| n5 | 15 | 15 | 167300 | 39@19 | CP_64QAM   | 19.97 |
| n5 | 15 | 15 | 167300 | 1@1   | CP_64QAM   | 19.76 |
| n5 | 15 | 15 | 167300 | 1@77  | CP_64QAM   | 19.91 |
| n5 | 15 | 15 | 167300 | 79@0  | CP_256QAM  | 17.26 |
| n5 | 15 | 15 | 167300 | 39@19 | CP_256QAM  | 17    |
| n5 | 15 | 15 | 167300 | 1@1   | CP_256QAM  | 17.33 |
| n5 | 15 | 15 | 167300 | 1@77  | CP_256QAM  | 17.13 |
| n5 | 15 | 15 | 168300 | 75@0  | DFT_BPSK   | 23.06 |
| n5 | 15 | 15 | 168300 | 36@18 | DFT_BPSK   | 23.15 |
| n5 | 15 | 15 | 168300 | 1@1   | DFT_BPSK   | 23.35 |
| n5 | 15 | 15 | 168300 | 1@77  | DFT_BPSK   | 23.11 |
| n5 | 15 | 15 | 168300 | 75@0  | DFT_QPSK   | 23.15 |
| n5 | 15 | 15 | 168300 | 36@18 | DFT_QPSK   | 23.14 |
| n5 | 15 | 15 | 168300 | 1@1   | DFT_QPSK   | 23.43 |
| n5 | 15 | 15 | 168300 | 1@77  | DFT_QPSK   | 23.48 |
| n5 | 15 | 15 | 168300 | 75@0  | DFT_16QAM  | 21.62 |
| n5 | 15 | 15 | 168300 | 36@18 | DFT_16QAM  | 23.11 |
| n5 | 15 | 15 | 168300 | 1@1   | DFT_16QAM  | 23.11 |
| n5 | 15 | 15 | 168300 | 1@77  | DFT_16QAM  | 23.21 |
| n5 | 15 | 15 | 168300 | 75@0  | DFT_64QAM  | 21.06 |
| n5 | 15 | 15 | 168300 | 36@18 | DFT_64QAM  | 20.66 |
| n5 | 15 | 15 | 168300 | 1@1   | DFT_64QAM  | 20.49 |
| n5 | 15 | 15 | 168300 | 1@77  | DFT_64QAM  | 21    |
| n5 | 15 | 15 | 168300 | 75@0  | DFT_256QAM | 18.74 |
| n5 | 15 | 15 | 168300 | 36@18 | DFT_256QAM | 18.6  |
| n5 | 15 | 15 | 168300 | 1@1   | DFT_256QAM | 19.13 |
| n5 | 15 | 15 | 168300 | 1@77  | DFT_256QAM | 18.53 |
| n5 | 15 | 15 | 168300 | 79@0  | CP_QPSK    | 20.5  |
| n5 | 15 | 15 | 168300 | 39@19 | CP_QPSK    | 22.64 |
| n5 | 15 | 15 | 168300 | 1@1   | CP_QPSK    | 22.83 |
| n5 | 15 | 15 | 168300 | 1@77  | CP_QPSK    | 22.93 |
| n5 | 15 | 15 | 168300 | 79@0  | CP_16QAM   | 20.51 |
| n5 | 15 | 15 | 168300 | 39@19 | CP_16QAM   | 21.53 |
| n5 | 15 | 15 | 168300 | 1@1   | CP_16QAM   | 21.09 |
| n5 | 15 | 15 | 168300 | 1@77  | CP_16QAM   | 21.2  |
| n5 | 15 | 15 | 168300 | 79@0  | CP_64QAM   | 20.06 |
| n5 | 15 | 15 | 168300 | 39@19 | CP_64QAM   | 19.56 |
| n5 | 15 | 15 | 168300 | 1@1   | CP_64QAM   | 19.36 |
| n5 | 15 | 15 | 168300 | 1@77  | CP_64QAM   | 19.93 |
| n5 | 15 | 15 | 168300 | 79@0  | CP_256QAM  | 17.26 |
| n5 | 15 | 15 | 168300 | 39@19 | CP_256QAM  | 17.04 |
| n5 | 15 | 15 | 168300 | 1@1   | CP_256QAM  | 17.73 |
| n5 | 15 | 15 | 168300 | 1@77  | CP_256QAM  | 16.76 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n5 | 15 | 20 | 166800 | 100@0 | DFT_BPSK   | 23.95 |
| n5 | 15 | 20 | 166800 | 50@25 | DFT_BPSK   | 23.98 |
| n5 | 15 | 20 | 166800 | 1@1   | DFT_BPSK   | 23.93 |
| n5 | 15 | 20 | 166800 | 1@104 | DFT_BPSK   | 23.95 |
| n5 | 15 | 20 | 166800 | 100@0 | DFT_QPSK   | 24.01 |
| n5 | 15 | 20 | 166800 | 50@25 | DFT_QPSK   | 24.02 |
| n5 | 15 | 20 | 166800 | 1@1   | DFT_QPSK   | 23.93 |
| n5 | 15 | 20 | 166800 | 1@104 | DFT_QPSK   | 23.94 |
| n5 | 15 | 20 | 166800 | 100@0 | DFT_16QAM  | 22.52 |
| n5 | 15 | 20 | 166800 | 50@25 | DFT_16QAM  | 23.55 |
| n5 | 15 | 20 | 166800 | 1@1   | DFT_16QAM  | 23.51 |
| n5 | 15 | 20 | 166800 | 1@104 | DFT_16QAM  | 23.62 |
| n5 | 15 | 20 | 166800 | 100@0 | DFT_64QAM  | 21.49 |
| n5 | 15 | 20 | 166800 | 50@25 | DFT_64QAM  | 21.51 |
| n5 | 15 | 20 | 166800 | 1@1   | DFT_64QAM  | 21.49 |
| n5 | 15 | 20 | 166800 | 1@104 | DFT_64QAM  | 21.45 |
| n5 | 15 | 20 | 166800 | 100@0 | DFT_256QAM | 19.43 |
| n5 | 15 | 20 | 166800 | 50@25 | DFT_256QAM | 20.18 |
| n5 | 15 | 20 | 166800 | 1@1   | DFT_256QAM | 19.6  |
| n5 | 15 | 20 | 166800 | 1@104 | DFT_256QAM | 19.66 |
| n5 | 15 | 20 | 166800 | 106@0 | CP_QPSK    | 21.02 |
| n5 | 15 | 20 | 166800 | 53@26 | CP_QPSK    | 23.55 |
| n5 | 15 | 20 | 166800 | 1@1   | CP_QPSK    | 23.47 |
| n5 | 15 | 20 | 166800 | 1@104 | CP_QPSK    | 23.57 |
| n5 | 15 | 20 | 166800 | 106@0 | CP_16QAM   | 21.04 |
| n5 | 15 | 20 | 166800 | 53@26 | CP_16QAM   | 21.98 |
| n5 | 15 | 20 | 166800 | 1@1   | CP_16QAM   | 22.02 |
| n5 | 15 | 20 | 166800 | 1@104 | CP_16QAM   | 22.08 |
| n5 | 15 | 20 | 166800 | 106@0 | CP_64QAM   | 20.45 |
| n5 | 15 | 20 | 166800 | 53@26 | CP_64QAM   | 20.44 |
| n5 | 15 | 20 | 166800 | 1@1   | CP_64QAM   | 20.34 |
| n5 | 15 | 20 | 166800 | 1@104 | CP_64QAM   | 20.32 |
| n5 | 15 | 20 | 166800 | 106@0 | CP_256QAM  | 18.19 |
| n5 | 15 | 20 | 166800 | 53@26 | CP_256QAM  | 17.6  |
| n5 | 15 | 20 | 166800 | 1@1   | CP_256QAM  | 17.75 |
| n5 | 15 | 20 | 166800 | 1@104 | CP_256QAM  | 17.57 |
| n5 | 15 | 20 | 167300 | 100@0 | DFT_BPSK   | 23.88 |
| n5 | 15 | 20 | 167300 | 50@25 | DFT_BPSK   | 23.99 |
| n5 | 15 | 20 | 167300 | 1@1   | DFT_BPSK   | 23.95 |
| n5 | 15 | 20 | 167300 | 1@104 | DFT_BPSK   | 23.99 |
| n5 | 15 | 20 | 167300 | 100@0 | DFT_QPSK   | 23.92 |
| n5 | 15 | 20 | 167300 | 50@25 | DFT_QPSK   | 24.03 |
| n5 | 15 | 20 | 167300 | 1@1   | DFT_QPSK   | 23.96 |
| n5 | 15 | 20 | 167300 | 1@104 | DFT_QPSK   | 24.04 |
| n5 | 15 | 20 | 167300 | 100@0 | DFT_16QAM  | 22.44 |
| n5 | 15 | 20 | 167300 | 50@25 | DFT_16QAM  | 23.57 |
| n5 | 15 | 20 | 167300 | 1@1   | DFT_16QAM  | 23.55 |
| n5 | 15 | 20 | 167300 | 1@104 | DFT_16QAM  | 23.6  |
| n5 | 15 | 20 | 167300 | 100@0 | DFT_64QAM  | 21.45 |
| n5 | 15 | 20 | 167300 | 50@25 | DFT_64QAM  | 21.5  |
| n5 | 15 | 20 | 167300 | 1@1   | DFT_64QAM  | 21.49 |
| n5 | 15 | 20 | 167300 | 1@104 | DFT_64QAM  | 21.51 |
| n5 | 15 | 20 | 167300 | 100@0 | DFT_256QAM | 18.73 |
| n5 | 15 | 20 | 167300 | 50@25 | DFT_256QAM | 19.45 |
| n5 | 15 | 20 | 167300 | 1@1   | DFT_256QAM | 19.67 |
| n5 | 15 | 20 | 167300 | 1@104 | DFT_256QAM | 19.67 |
| n5 | 15 | 20 | 167300 | 106@0 | CP_QPSK    | 20.92 |





|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n5 | 15 | 20 | 167300 | 53@26 | CP_QPSK    | 23.53 |
| n5 | 15 | 20 | 167300 | 1@1   | CP_QPSK    | 23.51 |
| n5 | 15 | 20 | 167300 | 1@104 | CP_QPSK    | 23.6  |
| n5 | 15 | 20 | 167300 | 106@0 | CP_16QAM   | 20.95 |
| n5 | 15 | 20 | 167300 | 53@26 | CP_16QAM   | 21.98 |
| n5 | 15 | 20 | 167300 | 1@1   | CP_16QAM   | 22.07 |
| n5 | 15 | 20 | 167300 | 1@104 | CP_16QAM   | 22.15 |
| n5 | 15 | 20 | 167300 | 106@0 | CP_64QAM   | 20.4  |
| n5 | 15 | 20 | 167300 | 53@26 | CP_64QAM   | 20.5  |
| n5 | 15 | 20 | 167300 | 1@1   | CP_64QAM   | 20.34 |
| n5 | 15 | 20 | 167300 | 1@104 | CP_64QAM   | 20.4  |
| n5 | 15 | 20 | 167300 | 106@0 | CP_256QAM  | 17.53 |
| n5 | 15 | 20 | 167300 | 53@26 | CP_256QAM  | 18.03 |
| n5 | 15 | 20 | 167300 | 1@1   | CP_256QAM  | 17.81 |
| n5 | 15 | 20 | 167300 | 1@104 | CP_256QAM  | 17.76 |
| n5 | 15 | 20 | 167800 | 100@0 | DFT_BPSK   | 23.88 |
| n5 | 15 | 20 | 167800 | 50@25 | DFT_BPSK   | 24.03 |
| n5 | 15 | 20 | 167800 | 1@1   | DFT_BPSK   | 23.37 |
| n5 | 15 | 20 | 167800 | 1@104 | DFT_BPSK   | 23.96 |
| n5 | 15 | 20 | 167800 | 100@0 | DFT_QPSK   | 23.94 |
| n5 | 15 | 20 | 167800 | 50@25 | DFT_QPSK   | 24.08 |
| n5 | 15 | 20 | 167800 | 1@1   | DFT_QPSK   | 23.36 |
| n5 | 15 | 20 | 167800 | 1@104 | DFT_QPSK   | 23.99 |
| n5 | 15 | 20 | 167800 | 100@0 | DFT_16QAM  | 21.95 |
| n5 | 15 | 20 | 167800 | 50@25 | DFT_16QAM  | 23.58 |
| n5 | 15 | 20 | 167800 | 1@1   | DFT_16QAM  | 23.52 |
| n5 | 15 | 20 | 167800 | 1@104 | DFT_16QAM  | 23.58 |
| n5 | 15 | 20 | 167800 | 100@0 | DFT_64QAM  | 20.98 |
| n5 | 15 | 20 | 167800 | 50@25 | DFT_64QAM  | 21.1  |
| n5 | 15 | 20 | 167800 | 1@1   | DFT_64QAM  | 21.31 |
| n5 | 15 | 20 | 167800 | 1@104 | DFT_64QAM  | 21.05 |
| n5 | 15 | 20 | 167800 | 100@0 | DFT_256QAM | 19.25 |
| n5 | 15 | 20 | 167800 | 50@25 | DFT_256QAM | 19.48 |
| n5 | 15 | 20 | 167800 | 1@1   | DFT_256QAM | 19.23 |
| n5 | 15 | 20 | 167800 | 1@104 | DFT_256QAM | 19.22 |
| n5 | 15 | 20 | 167800 | 106@0 | CP_QPSK    | 20.9  |
| n5 | 15 | 20 | 167800 | 53@26 | CP_QPSK    | 23.14 |
| n5 | 15 | 20 | 167800 | 1@1   | CP_QPSK    | 23.04 |
| n5 | 15 | 20 | 167800 | 1@104 | CP_QPSK    | 23.69 |
| n5 | 15 | 20 | 167800 | 106@0 | CP_16QAM   | 20.43 |
| n5 | 15 | 20 | 167800 | 53@26 | CP_16QAM   | 21.57 |
| n5 | 15 | 20 | 167800 | 1@1   | CP_16QAM   | 22    |
| n5 | 15 | 20 | 167800 | 1@104 | CP_16QAM   | 22.14 |
| n5 | 15 | 20 | 167800 | 106@0 | CP_64QAM   | 20.37 |
| n5 | 15 | 20 | 167800 | 53@26 | CP_64QAM   | 20.05 |
| n5 | 15 | 20 | 167800 | 1@1   | CP_64QAM   | 20.24 |
| n5 | 15 | 20 | 167800 | 1@104 | CP_64QAM   | 19.93 |
| n5 | 15 | 20 | 167800 | 106@0 | CP_256QAM  | 18.06 |
| n5 | 15 | 20 | 167800 | 53@26 | CP_256QAM  | 17.58 |
| n5 | 15 | 20 | 167800 | 1@1   | CP_256QAM  | 18.05 |
| n5 | 15 | 20 | 167800 | 1@104 | CP_256QAM  | 17.19 |





|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n7 | 15 | 10 | 501000 | 50@0  | DFT_BPSK   | 23.37 |
| n7 | 15 | 10 | 501000 | 25@12 | DFT_BPSK   | 23.47 |
| n7 | 15 | 10 | 501000 | 1@1   | DFT_BPSK   | 23.4  |
| n7 | 15 | 10 | 501000 | 1@50  | DFT_BPSK   | 23.39 |
| n7 | 15 | 10 | 501000 | 50@0  | DFT_QPSK   | 23.41 |
| n7 | 15 | 10 | 501000 | 25@12 | DFT_QPSK   | 23.51 |
| n7 | 15 | 10 | 501000 | 1@1   | DFT_QPSK   | 23.4  |
| n7 | 15 | 10 | 501000 | 1@50  | DFT_QPSK   | 23.37 |
| n7 | 15 | 10 | 501000 | 50@0  | DFT_16QAM  | 22.01 |
| n7 | 15 | 10 | 501000 | 25@12 | DFT_16QAM  | 22.94 |
| n7 | 15 | 10 | 501000 | 1@1   | DFT_16QAM  | 23.13 |
| n7 | 15 | 10 | 501000 | 1@50  | DFT_16QAM  | 23.13 |
| n7 | 15 | 10 | 501000 | 50@0  | DFT_64QAM  | 20.96 |
| n7 | 15 | 10 | 501000 | 25@12 | DFT_64QAM  | 20.93 |
| n7 | 15 | 10 | 501000 | 1@1   | DFT_64QAM  | 20.84 |
| n7 | 15 | 10 | 501000 | 1@50  | DFT_64QAM  | 20.86 |
| n7 | 15 | 10 | 501000 | 50@0  | DFT_256QAM | 18.44 |
| n7 | 15 | 10 | 501000 | 25@12 | DFT_256QAM | 18.9  |
| n7 | 15 | 10 | 501000 | 1@1   | DFT_256QAM | 19.08 |
| n7 | 15 | 10 | 501000 | 1@50  | DFT_256QAM | 19    |
| n7 | 15 | 10 | 501000 | 52@0  | CP_QPSK    | 20.41 |
| n7 | 15 | 10 | 501000 | 26@13 | CP_QPSK    | 22.98 |
| n7 | 15 | 10 | 501000 | 1@1   | CP_QPSK    | 23.12 |
| n7 | 15 | 10 | 501000 | 1@50  | CP_QPSK    | 23.08 |
| n7 | 15 | 10 | 501000 | 52@0  | CP_16QAM   | 20.41 |
| n7 | 15 | 10 | 501000 | 26@13 | CP_16QAM   | 21.35 |
| n7 | 15 | 10 | 501000 | 1@1   | CP_16QAM   | 21.64 |
| n7 | 15 | 10 | 501000 | 1@50  | CP_16QAM   | 21.6  |
| n7 | 15 | 10 | 501000 | 52@0  | CP_64QAM   | 19.86 |
| n7 | 15 | 10 | 501000 | 26@13 | CP_64QAM   | 19.99 |
| n7 | 15 | 10 | 501000 | 1@1   | CP_64QAM   | 19.81 |
| n7 | 15 | 10 | 501000 | 1@50  | CP_64QAM   | 19.86 |
| n7 | 15 | 10 | 501000 | 52@0  | CP_256QAM  | 16.43 |
| n7 | 15 | 10 | 501000 | 26@13 | CP_256QAM  | 16.79 |
| n7 | 15 | 10 | 501000 | 1@1   | CP_256QAM  | 16.45 |
| n7 | 15 | 10 | 501000 | 1@50  | CP_256QAM  | 17.2  |
| n7 | 15 | 10 | 507000 | 50@0  | DFT_BPSK   | 23.39 |
| n7 | 15 | 10 | 507000 | 25@12 | DFT_BPSK   | 23.44 |
| n7 | 15 | 10 | 507000 | 1@1   | DFT_BPSK   | 23.36 |
| n7 | 15 | 10 | 507000 | 1@50  | DFT_BPSK   | 23.34 |
| n7 | 15 | 10 | 507000 | 50@0  | DFT_QPSK   | 23.46 |
| n7 | 15 | 10 | 507000 | 25@12 | DFT_QPSK   | 23.51 |
| n7 | 15 | 10 | 507000 | 1@1   | DFT_QPSK   | 23.4  |
| n7 | 15 | 10 | 507000 | 1@50  | DFT_QPSK   | 23.34 |
| n7 | 15 | 10 | 507000 | 50@0  | DFT_16QAM  | 21.92 |
| n7 | 15 | 10 | 507000 | 25@12 | DFT_16QAM  | 22.96 |
| n7 | 15 | 10 | 507000 | 1@1   | DFT_16QAM  | 23.06 |
| n7 | 15 | 10 | 507000 | 1@50  | DFT_16QAM  | 23.01 |
| n7 | 15 | 10 | 507000 | 50@0  | DFT_64QAM  | 20.92 |
| n7 | 15 | 10 | 507000 | 25@12 | DFT_64QAM  | 20.94 |
| n7 | 15 | 10 | 507000 | 1@1   | DFT_64QAM  | 20.97 |
| n7 | 15 | 10 | 507000 | 1@50  | DFT_64QAM  | 20.94 |
| n7 | 15 | 10 | 507000 | 50@0  | DFT_256QAM | 18.88 |
| n7 | 15 | 10 | 507000 | 25@12 | DFT_256QAM | 19.4  |
| n7 | 15 | 10 | 507000 | 1@1   | DFT_256QAM | 19.09 |
| n7 | 15 | 10 | 507000 | 1@50  | DFT_256QAM | 19.04 |
| n7 | 15 | 10 | 507000 | 52@0  | CP_QPSK    | 20.45 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n7 | 15 | 10 | 507000 | 26@13 | CP_QPSK    | 22.99 |
| n7 | 15 | 10 | 507000 | 1@1   | CP_QPSK    | 23.13 |
| n7 | 15 | 10 | 507000 | 1@50  | CP_QPSK    | 23.09 |
| n7 | 15 | 10 | 507000 | 52@0  | CP_16QAM   | 20.44 |
| n7 | 15 | 10 | 507000 | 26@13 | CP_16QAM   | 21.38 |
| n7 | 15 | 10 | 507000 | 1@1   | CP_16QAM   | 21.53 |
| n7 | 15 | 10 | 507000 | 1@50  | CP_16QAM   | 21.53 |
| n7 | 15 | 10 | 507000 | 52@0  | CP_64QAM   | 19.94 |
| n7 | 15 | 10 | 507000 | 26@13 | CP_64QAM   | 19.96 |
| n7 | 15 | 10 | 507000 | 1@1   | CP_64QAM   | 19.86 |
| n7 | 15 | 10 | 507000 | 1@50  | CP_64QAM   | 19.89 |
| n7 | 15 | 10 | 507000 | 52@0  | CP_256QAM  | 16.46 |
| n7 | 15 | 10 | 507000 | 26@13 | CP_256QAM  | 16.84 |
| n7 | 15 | 10 | 507000 | 1@1   | CP_256QAM  | 16.38 |
| n7 | 15 | 10 | 507000 | 1@50  | CP_256QAM  | 17.16 |
| n7 | 15 | 10 | 513000 | 50@0  | DFT_BPSK   | 23.5  |
| n7 | 15 | 10 | 513000 | 25@12 | DFT_BPSK   | 23.5  |
| n7 | 15 | 10 | 513000 | 1@1   | DFT_BPSK   | 23.4  |
| n7 | 15 | 10 | 513000 | 1@50  | DFT_BPSK   | 23.44 |
| n7 | 15 | 10 | 513000 | 50@0  | DFT_QPSK   | 23.49 |
| n7 | 15 | 10 | 513000 | 25@12 | DFT_QPSK   | 23.54 |
| n7 | 15 | 10 | 513000 | 1@1   | DFT_QPSK   | 23.43 |
| n7 | 15 | 10 | 513000 | 1@50  | DFT_QPSK   | 23.44 |
| n7 | 15 | 10 | 513000 | 50@0  | DFT_16QAM  | 22.04 |
| n7 | 15 | 10 | 513000 | 25@12 | DFT_16QAM  | 23.05 |
| n7 | 15 | 10 | 513000 | 1@1   | DFT_16QAM  | 23.11 |
| n7 | 15 | 10 | 513000 | 1@50  | DFT_16QAM  | 23.22 |
| n7 | 15 | 10 | 513000 | 50@0  | DFT_64QAM  | 21.06 |
| n7 | 15 | 10 | 513000 | 25@12 | DFT_64QAM  | 21    |
| n7 | 15 | 10 | 513000 | 1@1   | DFT_64QAM  | 20.97 |
| n7 | 15 | 10 | 513000 | 1@50  | DFT_64QAM  | 20.94 |
| n7 | 15 | 10 | 513000 | 50@0  | DFT_256QAM | 18.29 |
| n7 | 15 | 10 | 513000 | 25@12 | DFT_256QAM | 18.95 |
| n7 | 15 | 10 | 513000 | 1@1   | DFT_256QAM | 19.07 |
| n7 | 15 | 10 | 513000 | 1@50  | DFT_256QAM | 19.11 |
| n7 | 15 | 10 | 513000 | 52@0  | CP_QPSK    | 20.51 |
| n7 | 15 | 10 | 513000 | 26@13 | CP_QPSK    | 23.08 |
| n7 | 15 | 10 | 513000 | 1@1   | CP_QPSK    | 23.17 |
| n7 | 15 | 10 | 513000 | 1@50  | CP_QPSK    | 23.22 |
| n7 | 15 | 10 | 513000 | 52@0  | CP_16QAM   | 20.52 |
| n7 | 15 | 10 | 513000 | 26@13 | CP_16QAM   | 21.4  |
| n7 | 15 | 10 | 513000 | 1@1   | CP_16QAM   | 21.64 |
| n7 | 15 | 10 | 513000 | 1@50  | CP_16QAM   | 21.65 |
| n7 | 15 | 10 | 513000 | 52@0  | CP_64QAM   | 19.96 |
| n7 | 15 | 10 | 513000 | 26@13 | CP_64QAM   | 20.01 |
| n7 | 15 | 10 | 513000 | 1@1   | CP_64QAM   | 19.85 |
| n7 | 15 | 10 | 513000 | 1@50  | CP_64QAM   | 19.86 |
| n7 | 15 | 10 | 513000 | 52@0  | CP_256QAM  | 16.31 |
| n7 | 15 | 10 | 513000 | 26@13 | CP_256QAM  | 16.86 |
| n7 | 15 | 10 | 513000 | 1@1   | CP_256QAM  | 16.46 |
| n7 | 15 | 10 | 513000 | 1@50  | CP_256QAM  | 17.24 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n7 | 15 | 15 | 501500 | 75@0  | DFT_BPSK   | 23.45 |
| n7 | 15 | 15 | 501500 | 36@18 | DFT_BPSK   | 23.51 |
| n7 | 15 | 15 | 501500 | 1@1   | DFT_BPSK   | 23.39 |
| n7 | 15 | 15 | 501500 | 1@77  | DFT_BPSK   | 23.35 |
| n7 | 15 | 15 | 501500 | 75@0  | DFT_QPSK   | 23.52 |
| n7 | 15 | 15 | 501500 | 36@18 | DFT_QPSK   | 23.52 |
| n7 | 15 | 15 | 501500 | 1@1   | DFT_QPSK   | 23.4  |
| n7 | 15 | 15 | 501500 | 1@77  | DFT_QPSK   | 23.36 |
| n7 | 15 | 15 | 501500 | 75@0  | DFT_16QAM  | 21.97 |
| n7 | 15 | 15 | 501500 | 36@18 | DFT_16QAM  | 23.01 |
| n7 | 15 | 15 | 501500 | 1@1   | DFT_16QAM  | 23.14 |
| n7 | 15 | 15 | 501500 | 1@77  | DFT_16QAM  | 23.07 |
| n7 | 15 | 15 | 501500 | 75@0  | DFT_64QAM  | 20.98 |
| n7 | 15 | 15 | 501500 | 36@18 | DFT_64QAM  | 21.02 |
| n7 | 15 | 15 | 501500 | 1@1   | DFT_64QAM  | 20.95 |
| n7 | 15 | 15 | 501500 | 1@77  | DFT_64QAM  | 20.93 |
| n7 | 15 | 15 | 501500 | 75@0  | DFT_256QAM | 18.59 |
| n7 | 15 | 15 | 501500 | 36@18 | DFT_256QAM | 18.91 |
| n7 | 15 | 15 | 501500 | 1@1   | DFT_256QAM | 19.08 |
| n7 | 15 | 15 | 501500 | 1@77  | DFT_256QAM | 19.06 |
| n7 | 15 | 15 | 501500 | 79@0  | CP_QPSK    | 20.43 |
| n7 | 15 | 15 | 501500 | 39@19 | CP_QPSK    | 22.95 |
| n7 | 15 | 15 | 501500 | 1@1   | CP_QPSK    | 23.07 |
| n7 | 15 | 15 | 501500 | 1@77  | CP_QPSK    | 23.03 |
| n7 | 15 | 15 | 501500 | 79@0  | CP_16QAM   | 20.44 |
| n7 | 15 | 15 | 501500 | 39@19 | CP_16QAM   | 21.48 |
| n7 | 15 | 15 | 501500 | 1@1   | CP_16QAM   | 21.55 |
| n7 | 15 | 15 | 501500 | 1@77  | CP_16QAM   | 21.6  |
| n7 | 15 | 15 | 501500 | 79@0  | CP_64QAM   | 20.01 |
| n7 | 15 | 15 | 501500 | 39@19 | CP_64QAM   | 19.93 |
| n7 | 15 | 15 | 501500 | 1@1   | CP_64QAM   | 19.81 |
| n7 | 15 | 15 | 501500 | 1@77  | CP_64QAM   | 19.85 |
| n7 | 15 | 15 | 501500 | 79@0  | CP_256QAM  | 16.55 |
| n7 | 15 | 15 | 501500 | 39@19 | CP_256QAM  | 16.83 |
| n7 | 15 | 15 | 501500 | 1@1   | CP_256QAM  | 16.85 |
| n7 | 15 | 15 | 501500 | 1@77  | CP_256QAM  | 17.07 |
| n7 | 15 | 15 | 507000 | 75@0  | DFT_BPSK   | 23.44 |
| n7 | 15 | 15 | 507000 | 36@18 | DFT_BPSK   | 23.41 |
| n7 | 15 | 15 | 507000 | 1@1   | DFT_BPSK   | 23.39 |
| n7 | 15 | 15 | 507000 | 1@77  | DFT_BPSK   | 23.32 |
| n7 | 15 | 15 | 507000 | 75@0  | DFT_QPSK   | 23.47 |
| n7 | 15 | 15 | 507000 | 36@18 | DFT_QPSK   | 23.48 |
| n7 | 15 | 15 | 507000 | 1@1   | DFT_QPSK   | 23.47 |
| n7 | 15 | 15 | 507000 | 1@77  | DFT_QPSK   | 23.37 |
| n7 | 15 | 15 | 507000 | 75@0  | DFT_16QAM  | 22.02 |
| n7 | 15 | 15 | 507000 | 36@18 | DFT_16QAM  | 22.98 |
| n7 | 15 | 15 | 507000 | 1@1   | DFT_16QAM  | 23.12 |
| n7 | 15 | 15 | 507000 | 1@77  | DFT_16QAM  | 22.96 |
| n7 | 15 | 15 | 507000 | 75@0  | DFT_64QAM  | 21    |
| n7 | 15 | 15 | 507000 | 36@18 | DFT_64QAM  | 20.92 |
| n7 | 15 | 15 | 507000 | 1@1   | DFT_64QAM  | 21.01 |
| n7 | 15 | 15 | 507000 | 1@77  | DFT_64QAM  | 20.93 |
| n7 | 15 | 15 | 507000 | 75@0  | DFT_256QAM | 18.5  |
| n7 | 15 | 15 | 507000 | 36@18 | DFT_256QAM | 18.88 |
| n7 | 15 | 15 | 507000 | 1@1   | DFT_256QAM | 19.1  |
| n7 | 15 | 15 | 507000 | 1@77  | DFT_256QAM | 19    |
| n7 | 15 | 15 | 507000 | 79@0  | CP_QPSK    | 20.43 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n7 | 15 | 15 | 507000 | 39@19 | CP_QPSK    | 22.96 |
| n7 | 15 | 15 | 507000 | 1@1   | CP_QPSK    | 23.07 |
| n7 | 15 | 15 | 507000 | 1@77  | CP_QPSK    | 23.01 |
| n7 | 15 | 15 | 507000 | 79@0  | CP_16QAM   | 20.46 |
| n7 | 15 | 15 | 507000 | 39@19 | CP_16QAM   | 21.4  |
| n7 | 15 | 15 | 507000 | 1@1   | CP_16QAM   | 21.57 |
| n7 | 15 | 15 | 507000 | 1@77  | CP_16QAM   | 21.47 |
| n7 | 15 | 15 | 507000 | 79@0  | CP_64QAM   | 19.98 |
| n7 | 15 | 15 | 507000 | 39@19 | CP_64QAM   | 19.91 |
| n7 | 15 | 15 | 507000 | 1@1   | CP_64QAM   | 19.84 |
| n7 | 15 | 15 | 507000 | 1@77  | CP_64QAM   | 19.8  |
| n7 | 15 | 15 | 507000 | 79@0  | CP_256QAM  | 16.82 |
| n7 | 15 | 15 | 507000 | 39@19 | CP_256QAM  | 16.72 |
| n7 | 15 | 15 | 507000 | 1@1   | CP_256QAM  | 17.14 |
| n7 | 15 | 15 | 507000 | 1@77  | CP_256QAM  | 16.58 |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_BPSK   | 23.52 |
| n7 | 15 | 15 | 512500 | 36@18 | DFT_BPSK   | 23.53 |
| n7 | 15 | 15 | 512500 | 1@1   | DFT_BPSK   | 23.4  |
| n7 | 15 | 15 | 512500 | 1@77  | DFT_BPSK   | 23.41 |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QPSK   | 23.53 |
| n7 | 15 | 15 | 512500 | 36@18 | DFT_QPSK   | 23.58 |
| n7 | 15 | 15 | 512500 | 1@1   | DFT_QPSK   | 23.48 |
| n7 | 15 | 15 | 512500 | 1@77  | DFT_QPSK   | 23.47 |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_16QAM  | 22.1  |
| n7 | 15 | 15 | 512500 | 36@18 | DFT_16QAM  | 23.06 |
| n7 | 15 | 15 | 512500 | 1@1   | DFT_16QAM  | 23.13 |
| n7 | 15 | 15 | 512500 | 1@77  | DFT_16QAM  | 23.24 |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_64QAM  | 21.05 |
| n7 | 15 | 15 | 512500 | 36@18 | DFT_64QAM  | 21.05 |
| n7 | 15 | 15 | 512500 | 1@1   | DFT_64QAM  | 20.99 |
| n7 | 15 | 15 | 512500 | 1@77  | DFT_64QAM  | 20.96 |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_256QAM | 19.01 |
| n7 | 15 | 15 | 512500 | 36@18 | DFT_256QAM | 19.39 |
| n7 | 15 | 15 | 512500 | 1@1   | DFT_256QAM | 19.1  |
| n7 | 15 | 15 | 512500 | 1@77  | DFT_256QAM | 19.08 |
| n7 | 15 | 15 | 512500 | 79@0  | CP_QPSK    | 20.44 |
| n7 | 15 | 15 | 512500 | 39@19 | CP_QPSK    | 23.13 |
| n7 | 15 | 15 | 512500 | 1@1   | CP_QPSK    | 23.12 |
| n7 | 15 | 15 | 512500 | 1@77  | CP_QPSK    | 23.19 |
| n7 | 15 | 15 | 512500 | 79@0  | CP_16QAM   | 20.53 |
| n7 | 15 | 15 | 512500 | 39@19 | CP_16QAM   | 21.52 |
| n7 | 15 | 15 | 512500 | 1@1   | CP_16QAM   | 21.58 |
| n7 | 15 | 15 | 512500 | 1@77  | CP_16QAM   | 21.55 |
| n7 | 15 | 15 | 512500 | 79@0  | CP_64QAM   | 20.03 |
| n7 | 15 | 15 | 512500 | 39@19 | CP_64QAM   | 19.97 |
| n7 | 15 | 15 | 512500 | 1@1   | CP_64QAM   | 19.84 |
| n7 | 15 | 15 | 512500 | 1@77  | CP_64QAM   | 19.83 |
| n7 | 15 | 15 | 512500 | 79@0  | CP_256QAM  | 16.88 |
| n7 | 15 | 15 | 512500 | 39@19 | CP_256QAM  | 16.32 |
| n7 | 15 | 15 | 512500 | 1@1   | CP_256QAM  | 17.15 |
| n7 | 15 | 15 | 512500 | 1@77  | CP_256QAM  | 16.36 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n7 | 15 | 20 | 502000 | 100@0 | DFT_BPSK   | 23.47 |
| n7 | 15 | 20 | 502000 | 50@25 | DFT_BPSK   | 23.5  |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_BPSK   | 23.82 |
| n7 | 15 | 20 | 502000 | 1@104 | DFT_BPSK   | 23.35 |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QPSK   | 23.95 |
| n7 | 15 | 20 | 502000 | 50@25 | DFT_QPSK   | 23.56 |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_QPSK   | 23.87 |
| n7 | 15 | 20 | 502000 | 1@104 | DFT_QPSK   | 23.85 |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_16QAM  | 21.98 |
| n7 | 15 | 20 | 502000 | 50@25 | DFT_16QAM  | 23.51 |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_16QAM  | 23.11 |
| n7 | 15 | 20 | 502000 | 1@104 | DFT_16QAM  | 23.1  |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_64QAM  | 21.48 |
| n7 | 15 | 20 | 502000 | 50@25 | DFT_64QAM  | 21.02 |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_64QAM  | 21.38 |
| n7 | 15 | 20 | 502000 | 1@104 | DFT_64QAM  | 20.89 |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_256QAM | 18.96 |
| n7 | 15 | 20 | 502000 | 50@25 | DFT_256QAM | 19.43 |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_256QAM | 18.81 |
| n7 | 15 | 20 | 502000 | 1@104 | DFT_256QAM | 19.1  |
| n7 | 15 | 20 | 502000 | 106@0 | CP_QPSK    | 20.47 |
| n7 | 15 | 20 | 502000 | 53@26 | CP_QPSK    | 23.51 |
| n7 | 15 | 20 | 502000 | 1@1   | CP_QPSK    | 23.48 |
| n7 | 15 | 20 | 502000 | 1@104 | CP_QPSK    | 23.04 |
| n7 | 15 | 20 | 502000 | 106@0 | CP_16QAM   | 20.89 |
| n7 | 15 | 20 | 502000 | 53@26 | CP_16QAM   | 21.55 |
| n7 | 15 | 20 | 502000 | 1@1   | CP_16QAM   | 21.98 |
| n7 | 15 | 20 | 502000 | 1@104 | CP_16QAM   | 21.94 |
| n7 | 15 | 20 | 502000 | 106@0 | CP_64QAM   | 20.41 |
| n7 | 15 | 20 | 502000 | 53@26 | CP_64QAM   | 19.99 |
| n7 | 15 | 20 | 502000 | 1@1   | CP_64QAM   | 19.89 |
| n7 | 15 | 20 | 502000 | 1@104 | CP_64QAM   | 19.79 |
| n7 | 15 | 20 | 502000 | 106@0 | CP_256QAM  | 17.09 |
| n7 | 15 | 20 | 502000 | 53@26 | CP_256QAM  | 17.42 |
| n7 | 15 | 20 | 502000 | 1@1   | CP_256QAM  | 16.92 |
| n7 | 15 | 20 | 502000 | 1@104 | CP_256QAM  | 17.11 |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_BPSK   | 23.9  |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_BPSK   | 24.01 |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_BPSK   | 23.84 |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_BPSK   | 23.85 |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QPSK   | 23.94 |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_QPSK   | 24.03 |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_QPSK   | 23.82 |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_QPSK   | 23.82 |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_16QAM  | 22.41 |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_16QAM  | 23.57 |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_16QAM  | 23.59 |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_16QAM  | 23.55 |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_64QAM  | 21.43 |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_64QAM  | 21.51 |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_64QAM  | 21.49 |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_64QAM  | 21.42 |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_256QAM | 19.07 |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_256QAM | 19.37 |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_256QAM | 19.62 |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_256QAM | 19.53 |
| n7 | 15 | 20 | 507000 | 106@0 | CP_QPSK    | 20.88 |



|    |    |    |        |       |            |       |
|----|----|----|--------|-------|------------|-------|
| n7 | 15 | 20 | 507000 | 53@26 | CP_QPSK    | 23.46 |
| n7 | 15 | 20 | 507000 | 1@1   | CP_QPSK    | 23.57 |
| n7 | 15 | 20 | 507000 | 1@104 | CP_QPSK    | 23.47 |
| n7 | 15 | 20 | 507000 | 106@0 | CP_16QAM   | 20.89 |
| n7 | 15 | 20 | 507000 | 53@26 | CP_16QAM   | 21.92 |
| n7 | 15 | 20 | 507000 | 1@1   | CP_16QAM   | 22    |
| n7 | 15 | 20 | 507000 | 1@104 | CP_16QAM   | 21.94 |
| n7 | 15 | 20 | 507000 | 106@0 | CP_64QAM   | 20.32 |
| n7 | 15 | 20 | 507000 | 53@26 | CP_64QAM   | 20.44 |
| n7 | 15 | 20 | 507000 | 1@1   | CP_64QAM   | 20.33 |
| n7 | 15 | 20 | 507000 | 1@104 | CP_64QAM   | 20.32 |
| n7 | 15 | 20 | 507000 | 106@0 | CP_256QAM  | 17.35 |
| n7 | 15 | 20 | 507000 | 53@26 | CP_256QAM  | 17.38 |
| n7 | 15 | 20 | 507000 | 1@1   | CP_256QAM  | 17.09 |
| n7 | 15 | 20 | 507000 | 1@104 | CP_256QAM  | 17.62 |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_BPSK   | 23.95 |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_BPSK   | 24.05 |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_BPSK   | 23.85 |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_BPSK   | 23.87 |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QPSK   | 23.98 |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_QPSK   | 24.08 |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_QPSK   | 23.8  |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_QPSK   | 23.84 |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_16QAM  | 22.43 |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_16QAM  | 23.65 |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_16QAM  | 23.59 |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_16QAM  | 23.64 |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_64QAM  | 21.44 |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_64QAM  | 21.58 |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_64QAM  | 21.45 |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_64QAM  | 21.44 |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_256QAM | 19.03 |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_256QAM | 19.45 |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_256QAM | 19.6  |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_256QAM | 19.61 |
| n7 | 15 | 20 | 512000 | 106@0 | CP_QPSK    | 20.92 |
| n7 | 15 | 20 | 512000 | 53@26 | CP_QPSK    | 23.56 |
| n7 | 15 | 20 | 512000 | 1@1   | CP_QPSK    | 23.57 |
| n7 | 15 | 20 | 512000 | 1@104 | CP_QPSK    | 23.65 |
| n7 | 15 | 20 | 512000 | 106@0 | CP_16QAM   | 20.91 |
| n7 | 15 | 20 | 512000 | 53@26 | CP_16QAM   | 22.04 |
| n7 | 15 | 20 | 512000 | 1@1   | CP_16QAM   | 22.04 |
| n7 | 15 | 20 | 512000 | 1@104 | CP_16QAM   | 22.01 |
| n7 | 15 | 20 | 512000 | 106@0 | CP_64QAM   | 20.36 |
| n7 | 15 | 20 | 512000 | 53@26 | CP_64QAM   | 20.47 |
| n7 | 15 | 20 | 512000 | 1@1   | CP_64QAM   | 20.35 |
| n7 | 15 | 20 | 512000 | 1@104 | CP_64QAM   | 20.32 |
| n7 | 15 | 20 | 512000 | 106@0 | CP_256QAM  | 17.32 |
| n7 | 15 | 20 | 512000 | 53@26 | CP_256QAM  | 17.05 |
| n7 | 15 | 20 | 512000 | 1@1   | CP_256QAM  | 17.7  |
| n7 | 15 | 20 | 512000 | 1@104 | CP_256QAM  | 16.83 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n25 | 15 | 10 | 371000 | 50@0  | DFT_BPSK   | 23.19 |
| n25 | 15 | 10 | 371000 | 25@12 | DFT_BPSK   | 23.18 |
| n25 | 15 | 10 | 371000 | 1@1   | DFT_BPSK   | 23.05 |
| n25 | 15 | 10 | 371000 | 1@50  | DFT_BPSK   | 23.02 |
| n25 | 15 | 10 | 371000 | 50@0  | DFT_QPSK   | 23.23 |
| n25 | 15 | 10 | 371000 | 25@12 | DFT_QPSK   | 23.18 |
| n25 | 15 | 10 | 371000 | 1@1   | DFT_QPSK   | 23.16 |
| n25 | 15 | 10 | 371000 | 1@50  | DFT_QPSK   | 23.1  |
| n25 | 15 | 10 | 371000 | 50@0  | DFT_16QAM  | 21.77 |
| n25 | 15 | 10 | 371000 | 25@12 | DFT_16QAM  | 22.68 |
| n25 | 15 | 10 | 371000 | 1@1   | DFT_16QAM  | 22.89 |
| n25 | 15 | 10 | 371000 | 1@50  | DFT_16QAM  | 22.78 |
| n25 | 15 | 10 | 371000 | 50@0  | DFT_64QAM  | 20.73 |
| n25 | 15 | 10 | 371000 | 25@12 | DFT_64QAM  | 20.57 |
| n25 | 15 | 10 | 371000 | 1@1   | DFT_64QAM  | 20.62 |
| n25 | 15 | 10 | 371000 | 1@50  | DFT_64QAM  | 20.59 |
| n25 | 15 | 10 | 371000 | 50@0  | DFT_256QAM | 18.36 |
| n25 | 15 | 10 | 371000 | 25@12 | DFT_256QAM | 18.59 |
| n25 | 15 | 10 | 371000 | 1@1   | DFT_256QAM | 18.55 |
| n25 | 15 | 10 | 371000 | 1@50  | DFT_256QAM | 18.72 |
| n25 | 15 | 10 | 371000 | 52@0  | CP_QPSK    | 20.18 |
| n25 | 15 | 10 | 371000 | 26@13 | CP_QPSK    | 22.68 |
| n25 | 15 | 10 | 371000 | 1@1   | CP_QPSK    | 22.9  |
| n25 | 15 | 10 | 371000 | 1@50  | CP_QPSK    | 22.78 |
| n25 | 15 | 10 | 371000 | 52@0  | CP_16QAM   | 20.18 |
| n25 | 15 | 10 | 371000 | 26@13 | CP_16QAM   | 21.08 |
| n25 | 15 | 10 | 371000 | 1@1   | CP_16QAM   | 21.44 |
| n25 | 15 | 10 | 371000 | 1@50  | CP_16QAM   | 21.34 |
| n25 | 15 | 10 | 371000 | 52@0  | CP_64QAM   | 19.67 |
| n25 | 15 | 10 | 371000 | 26@13 | CP_64QAM   | 19.64 |
| n25 | 15 | 10 | 371000 | 1@1   | CP_64QAM   | 19.54 |
| n25 | 15 | 10 | 371000 | 1@50  | CP_64QAM   | 19.53 |
| n25 | 15 | 10 | 371000 | 52@0  | CP_256QAM  | 16.56 |
| n25 | 15 | 10 | 371000 | 26@13 | CP_256QAM  | 16.73 |
| n25 | 15 | 10 | 371000 | 1@1   | CP_256QAM  | 16.59 |
| n25 | 15 | 10 | 371000 | 1@50  | CP_256QAM  | 16.94 |
| n25 | 15 | 10 | 376500 | 50@0  | DFT_BPSK   | 23.37 |
| n25 | 15 | 10 | 376500 | 25@12 | DFT_BPSK   | 23.38 |
| n25 | 15 | 10 | 376500 | 1@1   | DFT_BPSK   | 23.23 |
| n25 | 15 | 10 | 376500 | 1@50  | DFT_BPSK   | 23.44 |
| n25 | 15 | 10 | 376500 | 50@0  | DFT_QPSK   | 23.49 |
| n25 | 15 | 10 | 376500 | 25@12 | DFT_QPSK   | 23.46 |
| n25 | 15 | 10 | 376500 | 1@1   | DFT_QPSK   | 23.17 |
| n25 | 15 | 10 | 376500 | 1@50  | DFT_QPSK   | 23.45 |
| n25 | 15 | 10 | 376500 | 50@0  | DFT_16QAM  | 22.01 |
| n25 | 15 | 10 | 376500 | 25@12 | DFT_16QAM  | 22.93 |
| n25 | 15 | 10 | 376500 | 1@1   | DFT_16QAM  | 22.97 |
| n25 | 15 | 10 | 376500 | 1@50  | DFT_16QAM  | 23.19 |
| n25 | 15 | 10 | 376500 | 50@0  | DFT_64QAM  | 21.02 |
| n25 | 15 | 10 | 376500 | 25@12 | DFT_64QAM  | 20.82 |
| n25 | 15 | 10 | 376500 | 1@1   | DFT_64QAM  | 20.73 |
| n25 | 15 | 10 | 376500 | 1@50  | DFT_64QAM  | 20.94 |
| n25 | 15 | 10 | 376500 | 50@0  | DFT_256QAM | 18.59 |
| n25 | 15 | 10 | 376500 | 25@12 | DFT_256QAM | 18.84 |
| n25 | 15 | 10 | 376500 | 1@1   | DFT_256QAM | 18.91 |
| n25 | 15 | 10 | 376500 | 1@50  | DFT_256QAM | 19.11 |
| n25 | 15 | 10 | 376500 | 52@0  | CP_QPSK    | 20.37 |





|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n25 | 15 | 10 | 376500 | 26@13 | CP_QPSK    | 23.06 |
| n25 | 15 | 10 | 376500 | 1@1   | CP_QPSK    | 23    |
| n25 | 15 | 10 | 376500 | 1@50  | CP_QPSK    | 23.19 |
| n25 | 15 | 10 | 376500 | 52@0  | CP_16QAM   | 20.39 |
| n25 | 15 | 10 | 376500 | 26@13 | CP_16QAM   | 21.39 |
| n25 | 15 | 10 | 376500 | 1@1   | CP_16QAM   | 21.33 |
| n25 | 15 | 10 | 376500 | 1@50  | CP_16QAM   | 21.59 |
| n25 | 15 | 10 | 376500 | 52@0  | CP_64QAM   | 19.86 |
| n25 | 15 | 10 | 376500 | 26@13 | CP_64QAM   | 19.97 |
| n25 | 15 | 10 | 376500 | 1@1   | CP_64QAM   | 19.6  |
| n25 | 15 | 10 | 376500 | 1@50  | CP_64QAM   | 19.86 |
| n25 | 15 | 10 | 376500 | 52@0  | CP_256QAM  | 16.99 |
| n25 | 15 | 10 | 376500 | 26@13 | CP_256QAM  | 17.23 |
| n25 | 15 | 10 | 376500 | 1@1   | CP_256QAM  | 17.07 |
| n25 | 15 | 10 | 376500 | 1@50  | CP_256QAM  | 17.33 |
| n25 | 15 | 10 | 382000 | 50@0  | DFT_BPSK   | 23.08 |
| n25 | 15 | 10 | 382000 | 25@12 | DFT_BPSK   | 23.08 |
| n25 | 15 | 10 | 382000 | 1@1   | DFT_BPSK   | 23.41 |
| n25 | 15 | 10 | 382000 | 1@50  | DFT_BPSK   | 23.48 |
| n25 | 15 | 10 | 382000 | 50@0  | DFT_QPSK   | 23.11 |
| n25 | 15 | 10 | 382000 | 25@12 | DFT_QPSK   | 23.6  |
| n25 | 15 | 10 | 382000 | 1@1   | DFT_QPSK   | 23.02 |
| n25 | 15 | 10 | 382000 | 1@50  | DFT_QPSK   | 23.48 |
| n25 | 15 | 10 | 382000 | 50@0  | DFT_16QAM  | 22.14 |
| n25 | 15 | 10 | 382000 | 25@12 | DFT_16QAM  | 23.08 |
| n25 | 15 | 10 | 382000 | 1@1   | DFT_16QAM  | 23.22 |
| n25 | 15 | 10 | 382000 | 1@50  | DFT_16QAM  | 23.36 |
| n25 | 15 | 10 | 382000 | 50@0  | DFT_64QAM  | 20.62 |
| n25 | 15 | 10 | 382000 | 25@12 | DFT_64QAM  | 20.52 |
| n25 | 15 | 10 | 382000 | 1@1   | DFT_64QAM  | 20.94 |
| n25 | 15 | 10 | 382000 | 1@50  | DFT_64QAM  | 20.53 |
| n25 | 15 | 10 | 382000 | 50@0  | DFT_256QAM | 19    |
| n25 | 15 | 10 | 382000 | 25@12 | DFT_256QAM | 18.47 |
| n25 | 15 | 10 | 382000 | 1@1   | DFT_256QAM | 18.59 |
| n25 | 15 | 10 | 382000 | 1@50  | DFT_256QAM | 18.68 |
| n25 | 15 | 10 | 382000 | 52@0  | CP_QPSK    | 20.57 |
| n25 | 15 | 10 | 382000 | 26@13 | CP_QPSK    | 22.63 |
| n25 | 15 | 10 | 382000 | 1@1   | CP_QPSK    | 22.79 |
| n25 | 15 | 10 | 382000 | 1@50  | CP_QPSK    | 22.93 |
| n25 | 15 | 10 | 382000 | 52@0  | CP_16QAM   | 20.12 |
| n25 | 15 | 10 | 382000 | 26@13 | CP_16QAM   | 20.89 |
| n25 | 15 | 10 | 382000 | 1@1   | CP_16QAM   | 21.18 |
| n25 | 15 | 10 | 382000 | 1@50  | CP_16QAM   | 21.69 |
| n25 | 15 | 10 | 382000 | 52@0  | CP_64QAM   | 19.55 |
| n25 | 15 | 10 | 382000 | 26@13 | CP_64QAM   | 20.06 |
| n25 | 15 | 10 | 382000 | 1@1   | CP_64QAM   | 19.35 |
| n25 | 15 | 10 | 382000 | 1@50  | CP_64QAM   | 19.89 |
| n25 | 15 | 10 | 382000 | 52@0  | CP_256QAM  | 16.36 |
| n25 | 15 | 10 | 382000 | 26@13 | CP_256QAM  | 16.88 |
| n25 | 15 | 10 | 382000 | 1@1   | CP_256QAM  | 16.39 |
| n25 | 15 | 10 | 382000 | 1@50  | CP_256QAM  | 16.7  |





|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n25 | 15 | 15 | 371500 | 75@0  | DFT_BPSK   | 23.31 |
| n25 | 15 | 15 | 371500 | 36@18 | DFT_BPSK   | 23.3  |
| n25 | 15 | 15 | 371500 | 1@1   | DFT_BPSK   | 23.22 |
| n25 | 15 | 15 | 371500 | 1@77  | DFT_BPSK   | 23.16 |
| n25 | 15 | 15 | 371500 | 75@0  | DFT_QPSK   | 23.33 |
| n25 | 15 | 15 | 371500 | 36@18 | DFT_QPSK   | 23.34 |
| n25 | 15 | 15 | 371500 | 1@1   | DFT_QPSK   | 23.27 |
| n25 | 15 | 15 | 371500 | 1@77  | DFT_QPSK   | 23.23 |
| n25 | 15 | 15 | 371500 | 75@0  | DFT_16QAM  | 21.85 |
| n25 | 15 | 15 | 371500 | 36@18 | DFT_16QAM  | 22.8  |
| n25 | 15 | 15 | 371500 | 1@1   | DFT_16QAM  | 22.99 |
| n25 | 15 | 15 | 371500 | 1@77  | DFT_16QAM  | 22.89 |
| n25 | 15 | 15 | 371500 | 75@0  | DFT_64QAM  | 20.79 |
| n25 | 15 | 15 | 371500 | 36@18 | DFT_64QAM  | 20.8  |
| n25 | 15 | 15 | 371500 | 1@1   | DFT_64QAM  | 20.65 |
| n25 | 15 | 15 | 371500 | 1@77  | DFT_64QAM  | 20.59 |
| n25 | 15 | 15 | 371500 | 75@0  | DFT_256QAM | 18.35 |
| n25 | 15 | 15 | 371500 | 36@18 | DFT_256QAM | 18.74 |
| n25 | 15 | 15 | 371500 | 1@1   | DFT_256QAM | 18.69 |
| n25 | 15 | 15 | 371500 | 1@77  | DFT_256QAM | 18.83 |
| n25 | 15 | 15 | 371500 | 79@0  | CP_QPSK    | 20.27 |
| n25 | 15 | 15 | 371500 | 39@19 | CP_QPSK    | 22.87 |
| n25 | 15 | 15 | 371500 | 1@1   | CP_QPSK    | 22.96 |
| n25 | 15 | 15 | 371500 | 1@77  | CP_QPSK    | 22.89 |
| n25 | 15 | 15 | 371500 | 79@0  | CP_16QAM   | 20.31 |
| n25 | 15 | 15 | 371500 | 39@19 | CP_16QAM   | 21.27 |
| n25 | 15 | 15 | 371500 | 1@1   | CP_16QAM   | 21.52 |
| n25 | 15 | 15 | 371500 | 1@77  | CP_16QAM   | 21.46 |
| n25 | 15 | 15 | 371500 | 79@0  | CP_64QAM   | 19.83 |
| n25 | 15 | 15 | 371500 | 39@19 | CP_64QAM   | 19.75 |
| n25 | 15 | 15 | 371500 | 1@1   | CP_64QAM   | 19.65 |
| n25 | 15 | 15 | 371500 | 1@77  | CP_64QAM   | 19.63 |
| n25 | 15 | 15 | 371500 | 79@0  | CP_256QAM  | 16.39 |
| n25 | 15 | 15 | 371500 | 39@19 | CP_256QAM  | 16.82 |
| n25 | 15 | 15 | 371500 | 1@1   | CP_256QAM  | 16.56 |
| n25 | 15 | 15 | 371500 | 1@77  | CP_256QAM  | 17.04 |
| n25 | 15 | 15 | 376500 | 75@0  | DFT_BPSK   | 23.47 |
| n25 | 15 | 15 | 376500 | 36@18 | DFT_BPSK   | 23.4  |
| n25 | 15 | 15 | 376500 | 1@1   | DFT_BPSK   | 23.25 |
| n25 | 15 | 15 | 376500 | 1@77  | DFT_BPSK   | 23.51 |
| n25 | 15 | 15 | 376500 | 75@0  | DFT_QPSK   | 23.51 |
| n25 | 15 | 15 | 376500 | 36@18 | DFT_QPSK   | 23.46 |
| n25 | 15 | 15 | 376500 | 1@1   | DFT_QPSK   | 23.28 |
| n25 | 15 | 15 | 376500 | 1@77  | DFT_QPSK   | 23.52 |
| n25 | 15 | 15 | 376500 | 75@0  | DFT_16QAM  | 22.01 |
| n25 | 15 | 15 | 376500 | 36@18 | DFT_16QAM  | 22.94 |
| n25 | 15 | 15 | 376500 | 1@1   | DFT_16QAM  | 23.02 |
| n25 | 15 | 15 | 376500 | 1@77  | DFT_16QAM  | 23.2  |
| n25 | 15 | 15 | 376500 | 75@0  | DFT_64QAM  | 20.94 |
| n25 | 15 | 15 | 376500 | 36@18 | DFT_64QAM  | 20.96 |
| n25 | 15 | 15 | 376500 | 1@1   | DFT_64QAM  | 20.77 |
| n25 | 15 | 15 | 376500 | 1@77  | DFT_64QAM  | 21.04 |
| n25 | 15 | 15 | 376500 | 75@0  | DFT_256QAM | 18.92 |
| n25 | 15 | 15 | 376500 | 36@18 | DFT_256QAM | 18.43 |
| n25 | 15 | 15 | 376500 | 1@1   | DFT_256QAM | 18.94 |
| n25 | 15 | 15 | 376500 | 1@77  | DFT_256QAM | 19.17 |
| n25 | 15 | 15 | 376500 | 79@0  | CP_QPSK    | 20.37 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n25 | 15 | 15 | 376500 | 39@19 | CP_QPSK    | 23.05 |
| n25 | 15 | 15 | 376500 | 1@1   | CP_QPSK    | 23.01 |
| n25 | 15 | 15 | 376500 | 1@77  | CP_QPSK    | 23.21 |
| n25 | 15 | 15 | 376500 | 79@0  | CP_16QAM   | 20.44 |
| n25 | 15 | 15 | 376500 | 39@19 | CP_16QAM   | 21.45 |
| n25 | 15 | 15 | 376500 | 1@1   | CP_16QAM   | 21.43 |
| n25 | 15 | 15 | 376500 | 1@77  | CP_16QAM   | 21.62 |
| n25 | 15 | 15 | 376500 | 79@0  | CP_64QAM   | 19.9  |
| n25 | 15 | 15 | 376500 | 39@19 | CP_64QAM   | 19.87 |
| n25 | 15 | 15 | 376500 | 1@1   | CP_64QAM   | 19.64 |
| n25 | 15 | 15 | 376500 | 1@77  | CP_64QAM   | 19.88 |
| n25 | 15 | 15 | 376500 | 79@0  | CP_256QAM  | 16.53 |
| n25 | 15 | 15 | 376500 | 39@19 | CP_256QAM  | 16.94 |
| n25 | 15 | 15 | 376500 | 1@1   | CP_256QAM  | 16.46 |
| n25 | 15 | 15 | 376500 | 1@77  | CP_256QAM  | 17.31 |
| n25 | 15 | 15 | 381500 | 75@0  | DFT_BPSK   | 23.49 |
| n25 | 15 | 15 | 381500 | 36@18 | DFT_BPSK   | 23.54 |
| n25 | 15 | 15 | 381500 | 1@1   | DFT_BPSK   | 23.44 |
| n25 | 15 | 15 | 381500 | 1@77  | DFT_BPSK   | 23.46 |
| n25 | 15 | 15 | 381500 | 75@0  | DFT_QPSK   | 23.59 |
| n25 | 15 | 15 | 381500 | 36@18 | DFT_QPSK   | 23.61 |
| n25 | 15 | 15 | 381500 | 1@1   | DFT_QPSK   | 23.48 |
| n25 | 15 | 15 | 381500 | 1@77  | DFT_QPSK   | 23.53 |
| n25 | 15 | 15 | 381500 | 75@0  | DFT_16QAM  | 22.1  |
| n25 | 15 | 15 | 381500 | 36@18 | DFT_16QAM  | 23.12 |
| n25 | 15 | 15 | 381500 | 1@1   | DFT_16QAM  | 23.24 |
| n25 | 15 | 15 | 381500 | 1@77  | DFT_16QAM  | 23.39 |
| n25 | 15 | 15 | 381500 | 75@0  | DFT_64QAM  | 21.01 |
| n25 | 15 | 15 | 381500 | 36@18 | DFT_64QAM  | 21.1  |
| n25 | 15 | 15 | 381500 | 1@1   | DFT_64QAM  | 21.01 |
| n25 | 15 | 15 | 381500 | 1@77  | DFT_64QAM  | 20.97 |
| n25 | 15 | 15 | 381500 | 75@0  | DFT_256QAM | 18.7  |
| n25 | 15 | 15 | 381500 | 36@18 | DFT_256QAM | 18.98 |
| n25 | 15 | 15 | 381500 | 1@1   | DFT_256QAM | 19.17 |
| n25 | 15 | 15 | 381500 | 1@77  | DFT_256QAM | 19.17 |
| n25 | 15 | 15 | 381500 | 79@0  | CP_QPSK    | 20.45 |
| n25 | 15 | 15 | 381500 | 39@19 | CP_QPSK    | 23.19 |
| n25 | 15 | 15 | 381500 | 1@1   | CP_QPSK    | 23.28 |
| n25 | 15 | 15 | 381500 | 1@77  | CP_QPSK    | 23.4  |
| n25 | 15 | 15 | 381500 | 79@0  | CP_16QAM   | 20.53 |
| n25 | 15 | 15 | 381500 | 39@19 | CP_16QAM   | 21.51 |
| n25 | 15 | 15 | 381500 | 1@1   | CP_16QAM   | 21.8  |
| n25 | 15 | 15 | 381500 | 1@77  | CP_16QAM   | 21.81 |
| n25 | 15 | 15 | 381500 | 79@0  | CP_64QAM   | 20.06 |
| n25 | 15 | 15 | 381500 | 39@19 | CP_64QAM   | 19.94 |
| n25 | 15 | 15 | 381500 | 1@1   | CP_64QAM   | 19.83 |
| n25 | 15 | 15 | 381500 | 1@77  | CP_64QAM   | 19.87 |
| n25 | 15 | 15 | 381500 | 79@0  | CP_256QAM  | 16.69 |
| n25 | 15 | 15 | 381500 | 39@19 | CP_256QAM  | 16.92 |
| n25 | 15 | 15 | 381500 | 1@1   | CP_256QAM  | 16.58 |
| n25 | 15 | 15 | 381500 | 1@77  | CP_256QAM  | 17.13 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n25 | 15 | 20 | 372000 | 100@0 | DFT_BPSK   | 23.3  |
| n25 | 15 | 20 | 372000 | 50@25 | DFT_BPSK   | 23.83 |
| n25 | 15 | 20 | 372000 | 1@1   | DFT_BPSK   | 23.64 |
| n25 | 15 | 20 | 372000 | 1@104 | DFT_BPSK   | 23.14 |
| n25 | 15 | 20 | 372000 | 100@0 | DFT_QPSK   | 23.34 |
| n25 | 15 | 20 | 372000 | 50@25 | DFT_QPSK   | 23.34 |
| n25 | 15 | 20 | 372000 | 1@1   | DFT_QPSK   | 23.79 |
| n25 | 15 | 20 | 372000 | 1@104 | DFT_QPSK   | 23.72 |
| n25 | 15 | 20 | 372000 | 100@0 | DFT_16QAM  | 22.34 |
| n25 | 15 | 20 | 372000 | 50@25 | DFT_16QAM  | 23.4  |
| n25 | 15 | 20 | 372000 | 1@1   | DFT_16QAM  | 23.41 |
| n25 | 15 | 20 | 372000 | 1@104 | DFT_16QAM  | 23.35 |
| n25 | 15 | 20 | 372000 | 100@0 | DFT_64QAM  | 21.33 |
| n25 | 15 | 20 | 372000 | 50@25 | DFT_64QAM  | 21.35 |
| n25 | 15 | 20 | 372000 | 1@1   | DFT_64QAM  | 20.74 |
| n25 | 15 | 20 | 372000 | 1@104 | DFT_64QAM  | 20.65 |
| n25 | 15 | 20 | 372000 | 100@0 | DFT_256QAM | 18.96 |
| n25 | 15 | 20 | 372000 | 50@25 | DFT_256QAM | 19.26 |
| n25 | 15 | 20 | 372000 | 1@1   | DFT_256QAM | 18.76 |
| n25 | 15 | 20 | 372000 | 1@104 | DFT_256QAM | 18.86 |
| n25 | 15 | 20 | 372000 | 106@0 | CP_QPSK    | 20.8  |
| n25 | 15 | 20 | 372000 | 53@26 | CP_QPSK    | 22.88 |
| n25 | 15 | 20 | 372000 | 1@1   | CP_QPSK    | 22.94 |
| n25 | 15 | 20 | 372000 | 1@104 | CP_QPSK    | 23.3  |
| n25 | 15 | 20 | 372000 | 106@0 | CP_16QAM   | 20.79 |
| n25 | 15 | 20 | 372000 | 53@26 | CP_16QAM   | 21.84 |
| n25 | 15 | 20 | 372000 | 1@1   | CP_16QAM   | 21.28 |
| n25 | 15 | 20 | 372000 | 1@104 | CP_16QAM   | 21.72 |
| n25 | 15 | 20 | 372000 | 106@0 | CP_64QAM   | 19.79 |
| n25 | 15 | 20 | 372000 | 53@26 | CP_64QAM   | 20.28 |
| n25 | 15 | 20 | 372000 | 1@1   | CP_64QAM   | 19.57 |
| n25 | 15 | 20 | 372000 | 1@104 | CP_64QAM   | 19.98 |
| n25 | 15 | 20 | 372000 | 106@0 | CP_256QAM  | 17.09 |
| n25 | 15 | 20 | 372000 | 53@26 | CP_256QAM  | 17.44 |
| n25 | 15 | 20 | 372000 | 1@1   | CP_256QAM  | 17.07 |
| n25 | 15 | 20 | 372000 | 1@104 | CP_256QAM  | 17.42 |
| n25 | 15 | 20 | 376500 | 100@0 | DFT_BPSK   | 23.85 |
| n25 | 15 | 20 | 376500 | 50@25 | DFT_BPSK   | 23.97 |
| n25 | 15 | 20 | 376500 | 1@1   | DFT_BPSK   | 23.6  |
| n25 | 15 | 20 | 376500 | 1@104 | DFT_BPSK   | 24.01 |
| n25 | 15 | 20 | 376500 | 100@0 | DFT_QPSK   | 23.95 |
| n25 | 15 | 20 | 376500 | 50@25 | DFT_QPSK   | 24.04 |
| n25 | 15 | 20 | 376500 | 1@1   | DFT_QPSK   | 23.59 |
| n25 | 15 | 20 | 376500 | 1@104 | DFT_QPSK   | 23.99 |
| n25 | 15 | 20 | 376500 | 100@0 | DFT_16QAM  | 22.36 |
| n25 | 15 | 20 | 376500 | 50@25 | DFT_16QAM  | 23.58 |
| n25 | 15 | 20 | 376500 | 1@1   | DFT_16QAM  | 23.4  |
| n25 | 15 | 20 | 376500 | 1@104 | DFT_16QAM  | 23.74 |
| n25 | 15 | 20 | 376500 | 100@0 | DFT_64QAM  | 21.38 |
| n25 | 15 | 20 | 376500 | 50@25 | DFT_64QAM  | 21.52 |
| n25 | 15 | 20 | 376500 | 1@1   | DFT_64QAM  | 21.12 |
| n25 | 15 | 20 | 376500 | 1@104 | DFT_64QAM  | 21.47 |
| n25 | 15 | 20 | 376500 | 100@0 | DFT_256QAM | 18.95 |
| n25 | 15 | 20 | 376500 | 50@25 | DFT_256QAM | 19.38 |
| n25 | 15 | 20 | 376500 | 1@1   | DFT_256QAM | 19.28 |
| n25 | 15 | 20 | 376500 | 1@104 | DFT_256QAM | 19.61 |
| n25 | 15 | 20 | 376500 | 106@0 | CP_QPSK    | 20.87 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n25 | 15 | 20 | 376500 | 53@26 | CP_QPSK    | 23.48 |
| n25 | 15 | 20 | 376500 | 1@1   | CP_QPSK    | 23.35 |
| n25 | 15 | 20 | 376500 | 1@104 | CP_QPSK    | 23.7  |
| n25 | 15 | 20 | 376500 | 106@0 | CP_16QAM   | 20.86 |
| n25 | 15 | 20 | 376500 | 53@26 | CP_16QAM   | 21.98 |
| n25 | 15 | 20 | 376500 | 1@1   | CP_16QAM   | 21.92 |
| n25 | 15 | 20 | 376500 | 1@104 | CP_16QAM   | 22.03 |
| n25 | 15 | 20 | 376500 | 106@0 | CP_64QAM   | 20.3  |
| n25 | 15 | 20 | 376500 | 53@26 | CP_64QAM   | 20.45 |
| n25 | 15 | 20 | 376500 | 1@1   | CP_64QAM   | 19.95 |
| n25 | 15 | 20 | 376500 | 1@104 | CP_64QAM   | 20.39 |
| n25 | 15 | 20 | 376500 | 106@0 | CP_256QAM  | 17.92 |
| n25 | 15 | 20 | 376500 | 53@26 | CP_256QAM  | 17.51 |
| n25 | 15 | 20 | 376500 | 1@1   | CP_256QAM  | 17.44 |
| n25 | 15 | 20 | 376500 | 1@104 | CP_256QAM  | 17.82 |
| n25 | 15 | 20 | 381000 | 100@0 | DFT_BPSK   | 23.95 |
| n25 | 15 | 20 | 381000 | 50@25 | DFT_BPSK   | 24.11 |
| n25 | 15 | 20 | 381000 | 1@1   | DFT_BPSK   | 23.95 |
| n25 | 15 | 20 | 381000 | 1@104 | DFT_BPSK   | 23.95 |
| n25 | 15 | 20 | 381000 | 100@0 | DFT_QPSK   | 24.02 |
| n25 | 15 | 20 | 381000 | 50@25 | DFT_QPSK   | 24.07 |
| n25 | 15 | 20 | 381000 | 1@1   | DFT_QPSK   | 24    |
| n25 | 15 | 20 | 381000 | 1@104 | DFT_QPSK   | 24.07 |
| n25 | 15 | 20 | 381000 | 100@0 | DFT_16QAM  | 22.54 |
| n25 | 15 | 20 | 381000 | 50@25 | DFT_16QAM  | 23.72 |
| n25 | 15 | 20 | 381000 | 1@1   | DFT_16QAM  | 23.69 |
| n25 | 15 | 20 | 381000 | 1@104 | DFT_16QAM  | 23.8  |
| n25 | 15 | 20 | 381000 | 100@0 | DFT_64QAM  | 21.49 |
| n25 | 15 | 20 | 381000 | 50@25 | DFT_64QAM  | 21.6  |
| n25 | 15 | 20 | 381000 | 1@1   | DFT_64QAM  | 21.52 |
| n25 | 15 | 20 | 381000 | 1@104 | DFT_64QAM  | 21.48 |
| n25 | 15 | 20 | 381000 | 100@0 | DFT_256QAM | 18.86 |
| n25 | 15 | 20 | 381000 | 50@25 | DFT_256QAM | 19.49 |
| n25 | 15 | 20 | 381000 | 1@1   | DFT_256QAM | 19.7  |
| n25 | 15 | 20 | 381000 | 1@104 | DFT_256QAM | 19.59 |
| n25 | 15 | 20 | 381000 | 106@0 | CP_QPSK    | 20.85 |
| n25 | 15 | 20 | 381000 | 53@26 | CP_QPSK    | 23.62 |
| n25 | 15 | 20 | 381000 | 1@1   | CP_QPSK    | 23.72 |
| n25 | 15 | 20 | 381000 | 1@104 | CP_QPSK    | 23.79 |
| n25 | 15 | 20 | 381000 | 106@0 | CP_16QAM   | 20.93 |
| n25 | 15 | 20 | 381000 | 53@26 | CP_16QAM   | 22.08 |
| n25 | 15 | 20 | 381000 | 1@1   | CP_16QAM   | 22.24 |
| n25 | 15 | 20 | 381000 | 1@104 | CP_16QAM   | 22.4  |
| n25 | 15 | 20 | 381000 | 106@0 | CP_64QAM   | 20.34 |
| n25 | 15 | 20 | 381000 | 53@26 | CP_64QAM   | 20.56 |
| n25 | 15 | 20 | 381000 | 1@1   | CP_64QAM   | 20.41 |
| n25 | 15 | 20 | 381000 | 1@104 | CP_64QAM   | 20.37 |
| n25 | 15 | 20 | 381000 | 106@0 | CP_256QAM  | 17.32 |
| n25 | 15 | 20 | 381000 | 53@26 | CP_256QAM  | 17.47 |
| n25 | 15 | 20 | 381000 | 1@1   | CP_256QAM  | 17.19 |
| n25 | 15 | 20 | 381000 | 1@104 | CP_256QAM  | 17.66 |



|     |    |    |        |      |            |       |
|-----|----|----|--------|------|------------|-------|
| n38 | 30 | 15 | 515500 | 36@0 | DFT_BPSK   | 23.49 |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_BPSK   | 23.48 |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_BPSK   | 23.32 |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_BPSK   | 23.4  |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_QPSK   | 23.54 |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_QPSK   | 23.54 |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_QPSK   | 23.34 |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_QPSK   | 23.41 |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_16QAM  | 22.04 |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_16QAM  | 23.1  |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_16QAM  | 23.05 |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_16QAM  | 23.14 |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_64QAM  | 21.02 |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_64QAM  | 21.02 |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_64QAM  | 20.76 |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_64QAM  | 20.83 |
| n38 | 30 | 15 | 515500 | 36@0 | DFT_256QAM | 19.2  |
| n38 | 30 | 15 | 515500 | 18@9 | DFT_256QAM | 19.02 |
| n38 | 30 | 15 | 515500 | 1@1  | DFT_256QAM | 19.02 |
| n38 | 30 | 15 | 515500 | 1@36 | DFT_256QAM | 19.11 |
| n38 | 30 | 15 | 515500 | 38@0 | CP_QPSK    | 20.51 |
| n38 | 30 | 15 | 515500 | 19@9 | CP_QPSK    | 23.02 |
| n38 | 30 | 15 | 515500 | 1@1  | CP_QPSK    | 23.17 |
| n38 | 30 | 15 | 515500 | 1@36 | CP_QPSK    | 23.3  |
| n38 | 30 | 15 | 515500 | 38@0 | CP_16QAM   | 20.53 |
| n38 | 30 | 15 | 515500 | 19@9 | CP_16QAM   | 21.49 |
| n38 | 30 | 15 | 515500 | 1@1  | CP_16QAM   | 21.27 |
| n38 | 30 | 15 | 515500 | 1@36 | CP_16QAM   | 21.33 |
| n38 | 30 | 15 | 515500 | 38@0 | CP_64QAM   | 19.96 |
| n38 | 30 | 15 | 515500 | 19@9 | CP_64QAM   | 19.94 |
| n38 | 30 | 15 | 515500 | 1@1  | CP_64QAM   | 19.67 |
| n38 | 30 | 15 | 515500 | 1@36 | CP_64QAM   | 19.72 |
| n38 | 30 | 15 | 515500 | 38@0 | CP_256QAM  | 16.98 |
| n38 | 30 | 15 | 515500 | 19@9 | CP_256QAM  | 17.5  |
| n38 | 30 | 15 | 515500 | 1@1  | CP_256QAM  | 17.1  |
| n38 | 30 | 15 | 515500 | 1@36 | CP_256QAM  | 17.41 |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_BPSK   | 23.54 |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_BPSK   | 23.53 |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_BPSK   | 23.41 |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_BPSK   | 23.34 |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_QPSK   | 23.54 |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_QPSK   | 23.55 |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_QPSK   | 23.52 |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_QPSK   | 23.35 |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_16QAM  | 22.05 |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_16QAM  | 23.1  |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_16QAM  | 23.16 |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_16QAM  | 23.1  |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_64QAM  | 21.03 |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_64QAM  | 21.02 |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_64QAM  | 20.86 |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_64QAM  | 20.75 |
| n38 | 30 | 15 | 519000 | 36@0 | DFT_256QAM | 19.44 |
| n38 | 30 | 15 | 519000 | 18@9 | DFT_256QAM | 19.03 |
| n38 | 30 | 15 | 519000 | 1@1  | DFT_256QAM | 19.08 |
| n38 | 30 | 15 | 519000 | 1@36 | DFT_256QAM | 19.26 |
| n38 | 30 | 15 | 519000 | 38@0 | CP_QPSK    | 20.56 |



|     |    |    |        |      |            |       |
|-----|----|----|--------|------|------------|-------|
| n38 | 30 | 15 | 519000 | 19@9 | CP_QPSK    | 23.12 |
| n38 | 30 | 15 | 519000 | 1@1  | CP_QPSK    | 23.51 |
| n38 | 30 | 15 | 519000 | 1@36 | CP_QPSK    | 23.44 |
| n38 | 30 | 15 | 519000 | 38@0 | CP_16QAM   | 20.56 |
| n38 | 30 | 15 | 519000 | 19@9 | CP_16QAM   | 21.54 |
| n38 | 30 | 15 | 519000 | 1@1  | CP_16QAM   | 21.39 |
| n38 | 30 | 15 | 519000 | 1@36 | CP_16QAM   | 21.27 |
| n38 | 30 | 15 | 519000 | 38@0 | CP_64QAM   | 19.97 |
| n38 | 30 | 15 | 519000 | 19@9 | CP_64QAM   | 19.96 |
| n38 | 30 | 15 | 519000 | 1@1  | CP_64QAM   | 19.79 |
| n38 | 30 | 15 | 519000 | 1@36 | CP_64QAM   | 19.69 |
| n38 | 30 | 15 | 519000 | 38@0 | CP_256QAM  | 17.19 |
| n38 | 30 | 15 | 519000 | 19@9 | CP_256QAM  | 17.02 |
| n38 | 30 | 15 | 519000 | 1@1  | CP_256QAM  | 17.16 |
| n38 | 30 | 15 | 519000 | 1@36 | CP_256QAM  | 17.12 |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_BPSK   | 23.47 |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_BPSK   | 23.45 |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_BPSK   | 23.27 |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_BPSK   | 23.37 |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_QPSK   | 23.5  |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_QPSK   | 23.51 |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_QPSK   | 23.33 |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_QPSK   | 23.4  |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_16QAM  | 22.03 |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_16QAM  | 23.07 |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_16QAM  | 22.94 |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_16QAM  | 23.02 |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_64QAM  | 20.98 |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_64QAM  | 20.94 |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_64QAM  | 20.71 |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_64QAM  | 20.83 |
| n38 | 30 | 15 | 522500 | 36@0 | DFT_256QAM | 18.47 |
| n38 | 30 | 15 | 522500 | 18@9 | DFT_256QAM | 18.89 |
| n38 | 30 | 15 | 522500 | 1@1  | DFT_256QAM | 18.97 |
| n38 | 30 | 15 | 522500 | 1@36 | DFT_256QAM | 19.08 |
| n38 | 30 | 15 | 522500 | 38@0 | CP_QPSK    | 20.47 |
| n38 | 30 | 15 | 522500 | 19@9 | CP_QPSK    | 22.99 |
| n38 | 30 | 15 | 522500 | 1@1  | CP_QPSK    | 22.57 |
| n38 | 30 | 15 | 522500 | 1@36 | CP_QPSK    | 22.65 |
| n38 | 30 | 15 | 522500 | 38@0 | CP_16QAM   | 20.47 |
| n38 | 30 | 15 | 522500 | 19@9 | CP_16QAM   | 21.43 |
| n38 | 30 | 15 | 522500 | 1@1  | CP_16QAM   | 21.41 |
| n38 | 30 | 15 | 522500 | 1@36 | CP_16QAM   | 21.52 |
| n38 | 30 | 15 | 522500 | 38@0 | CP_64QAM   | 19.95 |
| n38 | 30 | 15 | 522500 | 19@9 | CP_64QAM   | 19.98 |
| n38 | 30 | 15 | 522500 | 1@1  | CP_64QAM   | 19.72 |
| n38 | 30 | 15 | 522500 | 1@36 | CP_64QAM   | 19.72 |
| n38 | 30 | 15 | 522500 | 38@0 | CP_256QAM  | 16.37 |
| n38 | 30 | 15 | 522500 | 19@9 | CP_256QAM  | 16.95 |
| n38 | 30 | 15 | 522500 | 1@1  | CP_256QAM  | 17.09 |
| n38 | 30 | 15 | 522500 | 1@36 | CP_256QAM  | 17.02 |





|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n38 | 30 | 20 | 516000 | 50@0  | DFT_BPSK   | 23.52 |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_BPSK   | 23.51 |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_BPSK   | 23.26 |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_BPSK   | 23.41 |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_QPSK   | 23.55 |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_QPSK   | 23.57 |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_QPSK   | 23.32 |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_QPSK   | 23.44 |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_16QAM  | 22.01 |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_16QAM  | 23.08 |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_16QAM  | 22.9  |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_16QAM  | 23.04 |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_64QAM  | 21    |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_64QAM  | 21.01 |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_64QAM  | 20.74 |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_64QAM  | 20.82 |
| n38 | 30 | 20 | 516000 | 50@0  | DFT_256QAM | 18.66 |
| n38 | 30 | 20 | 516000 | 25@12 | DFT_256QAM | 18.97 |
| n38 | 30 | 20 | 516000 | 1@1   | DFT_256QAM | 18.97 |
| n38 | 30 | 20 | 516000 | 1@49  | DFT_256QAM | 19.04 |
| n38 | 30 | 20 | 516000 | 51@0  | CP_QPSK    | 20.57 |
| n38 | 30 | 20 | 516000 | 25@12 | CP_QPSK    | 23.04 |
| n38 | 30 | 20 | 516000 | 1@1   | CP_QPSK    | 22.95 |
| n38 | 30 | 20 | 516000 | 1@49  | CP_QPSK    | 23.13 |
| n38 | 30 | 20 | 516000 | 51@0  | CP_16QAM   | 20.49 |
| n38 | 30 | 20 | 516000 | 25@12 | CP_16QAM   | 21.57 |
| n38 | 30 | 20 | 516000 | 1@1   | CP_16QAM   | 21.19 |
| n38 | 30 | 20 | 516000 | 1@49  | CP_16QAM   | 21.34 |
| n38 | 30 | 20 | 516000 | 51@0  | CP_64QAM   | 20    |
| n38 | 30 | 20 | 516000 | 25@12 | CP_64QAM   | 19.96 |
| n38 | 30 | 20 | 516000 | 1@1   | CP_64QAM   | 19.62 |
| n38 | 30 | 20 | 516000 | 1@49  | CP_64QAM   | 19.73 |
| n38 | 30 | 20 | 516000 | 51@0  | CP_256QAM  | 16.26 |
| n38 | 30 | 20 | 516000 | 25@12 | CP_256QAM  | 16.97 |
| n38 | 30 | 20 | 516000 | 1@1   | CP_256QAM  | 16.59 |
| n38 | 30 | 20 | 516000 | 1@49  | CP_256QAM  | 17.1  |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_BPSK   | 23.54 |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_BPSK   | 23.52 |
| n38 | 30 | 20 | 519000 | 1@1   | DFT_BPSK   | 23.37 |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_BPSK   | 23.34 |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_QPSK   | 23.55 |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_QPSK   | 23.58 |
| n38 | 30 | 20 | 519000 | 1@1   | DFT_QPSK   | 23.44 |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_QPSK   | 23.34 |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_16QAM  | 22.01 |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_16QAM  | 23.07 |
| n38 | 30 | 20 | 519000 | 1@1   | DFT_16QAM  | 23.04 |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_16QAM  | 22.97 |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_64QAM  | 21.01 |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_64QAM  | 20.99 |
| n38 | 30 | 20 | 519000 | 1@1   | DFT_64QAM  | 20.81 |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_64QAM  | 20.73 |
| n38 | 30 | 20 | 519000 | 50@0  | DFT_256QAM | 18.31 |
| n38 | 30 | 20 | 519000 | 25@12 | DFT_256QAM | 18.98 |
| n38 | 30 | 20 | 519000 | 1@1   | DFT_256QAM | 19.08 |
| n38 | 30 | 20 | 519000 | 1@49  | DFT_256QAM | 18.95 |
| n38 | 30 | 20 | 519000 | 51@0  | CP_QPSK    | 20.55 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n38 | 30 | 20 | 519000 | 25@12 | CP_QPSK    | 23.05 |
| n38 | 30 | 20 | 519000 | 1@1   | CP_QPSK    | 23.12 |
| n38 | 30 | 20 | 519000 | 1@49  | CP_QPSK    | 23.03 |
| n38 | 30 | 20 | 519000 | 51@0  | CP_16QAM   | 20.5  |
| n38 | 30 | 20 | 519000 | 25@12 | CP_16QAM   | 21.56 |
| n38 | 30 | 20 | 519000 | 1@1   | CP_16QAM   | 21.45 |
| n38 | 30 | 20 | 519000 | 1@49  | CP_16QAM   | 21.22 |
| n38 | 30 | 20 | 519000 | 51@0  | CP_64QAM   | 20.01 |
| n38 | 30 | 20 | 519000 | 25@12 | CP_64QAM   | 19.95 |
| n38 | 30 | 20 | 519000 | 1@1   | CP_64QAM   | 19.76 |
| n38 | 30 | 20 | 519000 | 1@49  | CP_64QAM   | 19.65 |
| n38 | 30 | 20 | 519000 | 51@0  | CP_256QAM  | 16.18 |
| n38 | 30 | 20 | 519000 | 25@12 | CP_256QAM  | 16.95 |
| n38 | 30 | 20 | 519000 | 1@1   | CP_256QAM  | 17.16 |
| n38 | 30 | 20 | 519000 | 1@49  | CP_256QAM  | 17.07 |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_BPSK   | 23.45 |
| n38 | 30 | 20 | 522000 | 25@12 | DFT_BPSK   | 23.47 |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_BPSK   | 23.23 |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_BPSK   | 23.32 |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_QPSK   | 23.49 |
| n38 | 30 | 20 | 522000 | 25@12 | DFT_QPSK   | 23.55 |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_QPSK   | 23.31 |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_QPSK   | 23.38 |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_16QAM  | 21.94 |
| n38 | 30 | 20 | 522000 | 25@12 | DFT_16QAM  | 23    |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_16QAM  | 22.98 |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_16QAM  | 23.06 |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_64QAM  | 20.9  |
| n38 | 30 | 20 | 522000 | 25@12 | DFT_64QAM  | 20.94 |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_64QAM  | 20.68 |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_64QAM  | 20.73 |
| n38 | 30 | 20 | 522000 | 50@0  | DFT_256QAM | 18.86 |
| n38 | 30 | 20 | 522000 | 25@12 | DFT_256QAM | 18.46 |
| n38 | 30 | 20 | 522000 | 1@1   | DFT_256QAM | 18.91 |
| n38 | 30 | 20 | 522000 | 1@49  | DFT_256QAM | 18.54 |
| n38 | 30 | 20 | 522000 | 51@0  | CP_QPSK    | 20.47 |
| n38 | 30 | 20 | 522000 | 25@12 | CP_QPSK    | 23.02 |
| n38 | 30 | 20 | 522000 | 1@1   | CP_QPSK    | 23.3  |
| n38 | 30 | 20 | 522000 | 1@49  | CP_QPSK    | 23.4  |
| n38 | 30 | 20 | 522000 | 51@0  | CP_16QAM   | 20.41 |
| n38 | 30 | 20 | 522000 | 25@12 | CP_16QAM   | 21.55 |
| n38 | 30 | 20 | 522000 | 1@1   | CP_16QAM   | 21.14 |
| n38 | 30 | 20 | 522000 | 1@49  | CP_16QAM   | 21.21 |
| n38 | 30 | 20 | 522000 | 51@0  | CP_64QAM   | 19.93 |
| n38 | 30 | 20 | 522000 | 25@12 | CP_64QAM   | 19.92 |
| n38 | 30 | 20 | 522000 | 1@1   | CP_64QAM   | 19.61 |
| n38 | 30 | 20 | 522000 | 1@49  | CP_64QAM   | 19.63 |
| n38 | 30 | 20 | 522000 | 51@0  | CP_256QAM  | 16.71 |
| n38 | 30 | 20 | 522000 | 25@12 | CP_256QAM  | 16.92 |
| n38 | 30 | 20 | 522000 | 1@1   | CP_256QAM  | 16.94 |
| n38 | 30 | 20 | 522000 | 1@49  | CP_256QAM  | 16.41 |





|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n38 | 30 | 40 | 518000 | 100@0 | DFT_BPSK   | 23.84 |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_BPSK   | 24.02 |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_BPSK   | 23.41 |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_BPSK   | 23.39 |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_QPSK   | 23.87 |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_QPSK   | 24.05 |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_QPSK   | 23.42 |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_QPSK   | 23.43 |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_16QAM  | 22.37 |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_16QAM  | 23.53 |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_16QAM  | 23.03 |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_16QAM  | 23.01 |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_64QAM  | 21.32 |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_64QAM  | 21.47 |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_64QAM  | 20.91 |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_64QAM  | 20.83 |
| n38 | 30 | 40 | 518000 | 100@0 | DFT_256QAM | 19.3  |
| n38 | 30 | 40 | 518000 | 50@25 | DFT_256QAM | 19.44 |
| n38 | 30 | 40 | 518000 | 1@1   | DFT_256QAM | 19.1  |
| n38 | 30 | 40 | 518000 | 1@104 | DFT_256QAM | 19.1  |
| n38 | 30 | 40 | 518000 | 106@0 | CP_QPSK    | 21.63 |
| n38 | 30 | 40 | 518000 | 53@26 | CP_QPSK    | 23.52 |
| n38 | 30 | 40 | 518000 | 1@1   | CP_QPSK    | 23.32 |
| n38 | 30 | 40 | 518000 | 1@104 | CP_QPSK    | 23.42 |
| n38 | 30 | 40 | 518000 | 106@0 | CP_16QAM   | 20.83 |
| n38 | 30 | 40 | 518000 | 53@26 | CP_16QAM   | 21.98 |
| n38 | 30 | 40 | 518000 | 1@1   | CP_16QAM   | 21.4  |
| n38 | 30 | 40 | 518000 | 1@104 | CP_16QAM   | 21.4  |
| n38 | 30 | 40 | 518000 | 106@0 | CP_64QAM   | 20.29 |
| n38 | 30 | 40 | 518000 | 53@26 | CP_64QAM   | 20.46 |
| n38 | 30 | 40 | 518000 | 1@1   | CP_64QAM   | 19.78 |
| n38 | 30 | 40 | 518000 | 1@104 | CP_64QAM   | 19.76 |
| n38 | 30 | 40 | 518000 | 106@0 | CP_256QAM  | 17.26 |
| n38 | 30 | 40 | 518000 | 53@26 | CP_256QAM  | 17.36 |
| n38 | 30 | 40 | 518000 | 1@1   | CP_256QAM  | 17.21 |
| n38 | 30 | 40 | 518000 | 1@104 | CP_256QAM  | 17.18 |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_BPSK   | 23.89 |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_BPSK   | 24.03 |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_BPSK   | 23.43 |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_BPSK   | 23.38 |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_QPSK   | 23.89 |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_QPSK   | 24.03 |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_QPSK   | 23.62 |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_QPSK   | 23.63 |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_16QAM  | 22.38 |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_16QAM  | 23.55 |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_16QAM  | 23.04 |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_16QAM  | 23    |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_64QAM  | 21.35 |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_64QAM  | 21.5  |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_64QAM  | 20.89 |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_64QAM  | 20.82 |
| n38 | 30 | 40 | 519000 | 100@0 | DFT_256QAM | 19.01 |
| n38 | 30 | 40 | 519000 | 50@25 | DFT_256QAM | 19.46 |
| n38 | 30 | 40 | 519000 | 1@1   | DFT_256QAM | 18.62 |
| n38 | 30 | 40 | 519000 | 1@104 | DFT_256QAM | 19.07 |
| n38 | 30 | 40 | 519000 | 106@0 | CP_QPSK    | 20.8  |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n38 | 30 | 40 | 519000 | 53@26 | CP_QPSK    | 23.5  |
| n38 | 30 | 40 | 519000 | 1@1   | CP_QPSK    | 23.26 |
| n38 | 30 | 40 | 519000 | 1@104 | CP_QPSK    | 23.3  |
| n38 | 30 | 40 | 519000 | 106@0 | CP_16QAM   | 20.86 |
| n38 | 30 | 40 | 519000 | 53@26 | CP_16QAM   | 21.97 |
| n38 | 30 | 40 | 519000 | 1@1   | CP_16QAM   | 21.56 |
| n38 | 30 | 40 | 519000 | 1@104 | CP_16QAM   | 21.56 |
| n38 | 30 | 40 | 519000 | 106@0 | CP_64QAM   | 20.31 |
| n38 | 30 | 40 | 519000 | 53@26 | CP_64QAM   | 20.44 |
| n38 | 30 | 40 | 519000 | 1@1   | CP_64QAM   | 19.8  |
| n38 | 30 | 40 | 519000 | 1@104 | CP_64QAM   | 19.75 |
| n38 | 30 | 40 | 519000 | 106@0 | CP_256QAM  | 17.3  |
| n38 | 30 | 40 | 519000 | 53@26 | CP_256QAM  | 17.39 |
| n38 | 30 | 40 | 519000 | 1@1   | CP_256QAM  | 17.21 |
| n38 | 30 | 40 | 519000 | 1@104 | CP_256QAM  | 17.15 |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_BPSK   | 23.86 |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_BPSK   | 24.02 |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_BPSK   | 23.44 |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_BPSK   | 23.43 |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_QPSK   | 23.89 |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_QPSK   | 24.06 |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_QPSK   | 23.47 |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_QPSK   | 23.45 |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_16QAM  | 22.38 |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_16QAM  | 23.56 |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_16QAM  | 23.03 |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_16QAM  | 23.02 |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_64QAM  | 21.31 |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_64QAM  | 21.51 |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_64QAM  | 21.02 |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_64QAM  | 21.01 |
| n38 | 30 | 40 | 520000 | 100@0 | DFT_256QAM | 19.29 |
| n38 | 30 | 40 | 520000 | 50@25 | DFT_256QAM | 18.92 |
| n38 | 30 | 40 | 520000 | 1@1   | DFT_256QAM | 19.13 |
| n38 | 30 | 40 | 520000 | 1@104 | DFT_256QAM | 18.76 |
| n38 | 30 | 40 | 520000 | 106@0 | CP_QPSK    | 20.79 |
| n38 | 30 | 40 | 520000 | 53@26 | CP_QPSK    | 23.52 |
| n38 | 30 | 40 | 520000 | 1@1   | CP_QPSK    | 23.36 |
| n38 | 30 | 40 | 520000 | 1@104 | CP_QPSK    | 23.37 |
| n38 | 30 | 40 | 520000 | 106@0 | CP_16QAM   | 20.83 |
| n38 | 30 | 40 | 520000 | 53@26 | CP_16QAM   | 21.95 |
| n38 | 30 | 40 | 520000 | 1@1   | CP_16QAM   | 21.41 |
| n38 | 30 | 40 | 520000 | 1@104 | CP_16QAM   | 21.41 |
| n38 | 30 | 40 | 520000 | 106@0 | CP_64QAM   | 20.3  |
| n38 | 30 | 40 | 520000 | 53@26 | CP_64QAM   | 20.44 |
| n38 | 30 | 40 | 520000 | 1@1   | CP_64QAM   | 19.8  |
| n38 | 30 | 40 | 520000 | 1@104 | CP_64QAM   | 19.81 |
| n38 | 30 | 40 | 520000 | 106@0 | CP_256QAM  | 17.29 |
| n38 | 30 | 40 | 520000 | 53@26 | CP_256QAM  | 17.38 |
| n38 | 30 | 40 | 520000 | 1@1   | CP_256QAM  | 17.23 |
| n38 | 30 | 40 | 520000 | 1@104 | CP_256QAM  | 17.17 |



|     |    |    |        |      |            |       |
|-----|----|----|--------|------|------------|-------|
| n41 | 30 | 15 | 500700 | 36@0 | DFT_BPSK   | 23.03 |
| n41 | 30 | 15 | 500700 | 18@9 | DFT_BPSK   | 23.05 |
| n41 | 30 | 15 | 500700 | 1@1  | DFT_BPSK   | 22.93 |
| n41 | 30 | 15 | 500700 | 1@36 | DFT_BPSK   | 22.86 |
| n41 | 30 | 15 | 500700 | 36@0 | DFT_QPSK   | 23.05 |
| n41 | 30 | 15 | 500700 | 18@9 | DFT_QPSK   | 23.09 |
| n41 | 30 | 15 | 500700 | 1@1  | DFT_QPSK   | 22.99 |
| n41 | 30 | 15 | 500700 | 1@36 | DFT_QPSK   | 22.92 |
| n41 | 30 | 15 | 500700 | 36@0 | DFT_16QAM  | 21.57 |
| n41 | 30 | 15 | 500700 | 18@9 | DFT_16QAM  | 22.63 |
| n41 | 30 | 15 | 500700 | 1@1  | DFT_16QAM  | 22.51 |
| n41 | 30 | 15 | 500700 | 1@36 | DFT_16QAM  | 22.43 |
| n41 | 30 | 15 | 500700 | 36@0 | DFT_64QAM  | 20.55 |
| n41 | 30 | 15 | 500700 | 18@9 | DFT_64QAM  | 20.59 |
| n41 | 30 | 15 | 500700 | 1@1  | DFT_64QAM  | 20.5  |
| n41 | 30 | 15 | 500700 | 1@36 | DFT_64QAM  | 20.42 |
| n41 | 30 | 15 | 500700 | 36@0 | DFT_256QAM | 18.48 |
| n41 | 30 | 15 | 500700 | 18@9 | DFT_256QAM | 18.58 |
| n41 | 30 | 15 | 500700 | 1@1  | DFT_256QAM | 18.59 |
| n41 | 30 | 15 | 500700 | 1@36 | DFT_256QAM | 18.48 |
| n41 | 30 | 15 | 500700 | 38@0 | CP_QPSK    | 20.06 |
| n41 | 30 | 15 | 500700 | 19@9 | CP_QPSK    | 22.54 |
| n41 | 30 | 15 | 500700 | 1@1  | CP_QPSK    | 22.82 |
| n41 | 30 | 15 | 500700 | 1@36 | CP_QPSK    | 22.69 |
| n41 | 30 | 15 | 500700 | 38@0 | CP_16QAM   | 20.09 |
| n41 | 30 | 15 | 500700 | 19@9 | CP_16QAM   | 21.04 |
| n41 | 30 | 15 | 500700 | 1@1  | CP_16QAM   | 21.03 |
| n41 | 30 | 15 | 500700 | 1@36 | CP_16QAM   | 20.95 |
| n41 | 30 | 15 | 500700 | 38@0 | CP_64QAM   | 19.5  |
| n41 | 30 | 15 | 500700 | 19@9 | CP_64QAM   | 19.49 |
| n41 | 30 | 15 | 500700 | 1@1  | CP_64QAM   | 19.24 |
| n41 | 30 | 15 | 500700 | 1@36 | CP_64QAM   | 19.18 |
| n41 | 30 | 15 | 500700 | 38@0 | CP_256QAM  | 16.53 |
| n41 | 30 | 15 | 500700 | 19@9 | CP_256QAM  | 16.54 |
| n41 | 30 | 15 | 500700 | 1@1  | CP_256QAM  | 16.61 |
| n41 | 30 | 15 | 500700 | 1@36 | CP_256QAM  | 16.53 |
| n41 | 30 | 15 | 518598 | 36@0 | DFT_BPSK   | 23.06 |
| n41 | 30 | 15 | 518598 | 18@9 | DFT_BPSK   | 23.06 |
| n41 | 30 | 15 | 518598 | 1@1  | DFT_BPSK   | 22.97 |
| n41 | 30 | 15 | 518598 | 1@36 | DFT_BPSK   | 22.9  |
| n41 | 30 | 15 | 518598 | 36@0 | DFT_QPSK   | 23.08 |
| n41 | 30 | 15 | 518598 | 18@9 | DFT_QPSK   | 23.1  |
| n41 | 30 | 15 | 518598 | 1@1  | DFT_QPSK   | 23.02 |
| n41 | 30 | 15 | 518598 | 1@36 | DFT_QPSK   | 22.93 |
| n41 | 30 | 15 | 518598 | 36@0 | DFT_16QAM  | 21.6  |
| n41 | 30 | 15 | 518598 | 18@9 | DFT_16QAM  | 22.65 |
| n41 | 30 | 15 | 518598 | 1@1  | DFT_16QAM  | 22.63 |
| n41 | 30 | 15 | 518598 | 1@36 | DFT_16QAM  | 22.55 |
| n41 | 30 | 15 | 518598 | 36@0 | DFT_64QAM  | 20.56 |
| n41 | 30 | 15 | 518598 | 18@9 | DFT_64QAM  | 20.56 |
| n41 | 30 | 15 | 518598 | 1@1  | DFT_64QAM  | 20.5  |
| n41 | 30 | 15 | 518598 | 1@36 | DFT_64QAM  | 20.42 |
| n41 | 30 | 15 | 518598 | 36@0 | DFT_256QAM | 18.47 |
| n41 | 30 | 15 | 518598 | 18@9 | DFT_256QAM | 18.57 |
| n41 | 30 | 15 | 518598 | 1@1  | DFT_256QAM | 18.65 |
| n41 | 30 | 15 | 518598 | 1@36 | DFT_256QAM | 18.51 |
| n41 | 30 | 15 | 518598 | 38@0 | CP_QPSK    | 20.1  |



|     |    |    |        |      |            |       |
|-----|----|----|--------|------|------------|-------|
| n41 | 30 | 15 | 518598 | 19@9 | CP_QPSK    | 22.55 |
| n41 | 30 | 15 | 518598 | 1@1  | CP_QPSK    | 22.73 |
| n41 | 30 | 15 | 518598 | 1@36 | CP_QPSK    | 22.57 |
| n41 | 30 | 15 | 518598 | 38@0 | CP_16QAM   | 20.12 |
| n41 | 30 | 15 | 518598 | 19@9 | CP_16QAM   | 21.08 |
| n41 | 30 | 15 | 518598 | 1@1  | CP_16QAM   | 21.1  |
| n41 | 30 | 15 | 518598 | 1@36 | CP_16QAM   | 21.02 |
| n41 | 30 | 15 | 518598 | 38@0 | CP_64QAM   | 19.56 |
| n41 | 30 | 15 | 518598 | 19@9 | CP_64QAM   | 19.52 |
| n41 | 30 | 15 | 518598 | 1@1  | CP_64QAM   | 19.35 |
| n41 | 30 | 15 | 518598 | 1@36 | CP_64QAM   | 19.25 |
| n41 | 30 | 15 | 518598 | 38@0 | CP_256QAM  | 16.56 |
| n41 | 30 | 15 | 518598 | 19@9 | CP_256QAM  | 16.54 |
| n41 | 30 | 15 | 518598 | 1@1  | CP_256QAM  | 16.53 |
| n41 | 30 | 15 | 518598 | 1@36 | CP_256QAM  | 16.59 |
| n41 | 30 | 15 | 536496 | 36@0 | DFT_BPSK   | 22.85 |
| n41 | 30 | 15 | 536496 | 18@9 | DFT_BPSK   | 22.84 |
| n41 | 30 | 15 | 536496 | 1@1  | DFT_BPSK   | 22.65 |
| n41 | 30 | 15 | 536496 | 1@36 | DFT_BPSK   | 22.85 |
| n41 | 30 | 15 | 536496 | 36@0 | DFT_QPSK   | 22.88 |
| n41 | 30 | 15 | 536496 | 18@9 | DFT_QPSK   | 22.87 |
| n41 | 30 | 15 | 536496 | 1@1  | DFT_QPSK   | 22.69 |
| n41 | 30 | 15 | 536496 | 1@36 | DFT_QPSK   | 22.83 |
| n41 | 30 | 15 | 536496 | 36@0 | DFT_16QAM  | 21.36 |
| n41 | 30 | 15 | 536496 | 18@9 | DFT_16QAM  | 22.42 |
| n41 | 30 | 15 | 536496 | 1@1  | DFT_16QAM  | 22.34 |
| n41 | 30 | 15 | 536496 | 1@36 | DFT_16QAM  | 22.52 |
| n41 | 30 | 15 | 536496 | 36@0 | DFT_64QAM  | 20.35 |
| n41 | 30 | 15 | 536496 | 18@9 | DFT_64QAM  | 20.33 |
| n41 | 30 | 15 | 536496 | 1@1  | DFT_64QAM  | 20.07 |
| n41 | 30 | 15 | 536496 | 1@36 | DFT_64QAM  | 20.24 |
| n41 | 30 | 15 | 536496 | 36@0 | DFT_256QAM | 18.26 |
| n41 | 30 | 15 | 536496 | 18@9 | DFT_256QAM | 18.42 |
| n41 | 30 | 15 | 536496 | 1@1  | DFT_256QAM | 18.33 |
| n41 | 30 | 15 | 536496 | 1@36 | DFT_256QAM | 18.45 |
| n41 | 30 | 15 | 536496 | 38@0 | CP_QPSK    | 20.39 |
| n41 | 30 | 15 | 536496 | 19@9 | CP_QPSK    | 22.35 |
| n41 | 30 | 15 | 536496 | 1@1  | CP_QPSK    | 22.14 |
| n41 | 30 | 15 | 536496 | 1@36 | CP_QPSK    | 22.34 |
| n41 | 30 | 15 | 536496 | 38@0 | CP_16QAM   | 19.87 |
| n41 | 30 | 15 | 536496 | 19@9 | CP_16QAM   | 20.82 |
| n41 | 30 | 15 | 536496 | 1@1  | CP_16QAM   | 20.73 |
| n41 | 30 | 15 | 536496 | 1@36 | CP_16QAM   | 20.92 |
| n41 | 30 | 15 | 536496 | 38@0 | CP_64QAM   | 19.34 |
| n41 | 30 | 15 | 536496 | 19@9 | CP_64QAM   | 19.37 |
| n41 | 30 | 15 | 536496 | 1@1  | CP_64QAM   | 19.2  |
| n41 | 30 | 15 | 536496 | 1@36 | CP_64QAM   | 19.35 |
| n41 | 30 | 15 | 536496 | 38@0 | CP_256QAM  | 16.36 |
| n41 | 30 | 15 | 536496 | 19@9 | CP_256QAM  | 16.3  |
| n41 | 30 | 15 | 536496 | 1@1  | CP_256QAM  | 16.41 |
| n41 | 30 | 15 | 536496 | 1@36 | CP_256QAM  | 16.49 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 20 | 501204 | 50@0  | DFT_BPSK   | 23.03 |
| n41 | 30 | 20 | 501204 | 25@12 | DFT_BPSK   | 23.03 |
| n41 | 30 | 20 | 501204 | 1@1   | DFT_BPSK   | 22.81 |
| n41 | 30 | 20 | 501204 | 1@49  | DFT_BPSK   | 22.8  |
| n41 | 30 | 20 | 501204 | 50@0  | DFT_QPSK   | 23    |
| n41 | 30 | 20 | 501204 | 25@12 | DFT_QPSK   | 23.1  |
| n41 | 30 | 20 | 501204 | 1@1   | DFT_QPSK   | 22.92 |
| n41 | 30 | 20 | 501204 | 1@49  | DFT_QPSK   | 22.82 |
| n41 | 30 | 20 | 501204 | 50@0  | DFT_16QAM  | 21.47 |
| n41 | 30 | 20 | 501204 | 25@12 | DFT_16QAM  | 22.55 |
| n41 | 30 | 20 | 501204 | 1@1   | DFT_16QAM  | 22.43 |
| n41 | 30 | 20 | 501204 | 1@49  | DFT_16QAM  | 22.37 |
| n41 | 30 | 20 | 501204 | 50@0  | DFT_64QAM  | 20.44 |
| n41 | 30 | 20 | 501204 | 25@12 | DFT_64QAM  | 20.51 |
| n41 | 30 | 20 | 501204 | 1@1   | DFT_64QAM  | 20.4  |
| n41 | 30 | 20 | 501204 | 1@49  | DFT_64QAM  | 20.36 |
| n41 | 30 | 20 | 501204 | 50@0  | DFT_256QAM | 18.41 |
| n41 | 30 | 20 | 501204 | 25@12 | DFT_256QAM | 18.48 |
| n41 | 30 | 20 | 501204 | 1@1   | DFT_256QAM | 18.54 |
| n41 | 30 | 20 | 501204 | 1@49  | DFT_256QAM | 18.46 |
| n41 | 30 | 20 | 501204 | 51@0  | CP_QPSK    | 19.99 |
| n41 | 30 | 20 | 501204 | 25@12 | CP_QPSK    | 22.51 |
| n41 | 30 | 20 | 501204 | 1@1   | CP_QPSK    | 22.54 |
| n41 | 30 | 20 | 501204 | 1@49  | CP_QPSK    | 22.44 |
| n41 | 30 | 20 | 501204 | 51@0  | CP_16QAM   | 19.98 |
| n41 | 30 | 20 | 501204 | 25@12 | CP_16QAM   | 21.07 |
| n41 | 30 | 20 | 501204 | 1@1   | CP_16QAM   | 20.92 |
| n41 | 30 | 20 | 501204 | 1@49  | CP_16QAM   | 20.85 |
| n41 | 30 | 20 | 501204 | 51@0  | CP_64QAM   | 19.47 |
| n41 | 30 | 20 | 501204 | 25@12 | CP_64QAM   | 19.46 |
| n41 | 30 | 20 | 501204 | 1@1   | CP_64QAM   | 19.21 |
| n41 | 30 | 20 | 501204 | 1@49  | CP_64QAM   | 19.12 |
| n41 | 30 | 20 | 501204 | 51@0  | CP_256QAM  | 16.37 |
| n41 | 30 | 20 | 501204 | 25@12 | CP_256QAM  | 16.43 |
| n41 | 30 | 20 | 501204 | 1@1   | CP_256QAM  | 16.56 |
| n41 | 30 | 20 | 501204 | 1@49  | CP_256QAM  | 16.46 |
| n41 | 30 | 20 | 518598 | 50@0  | DFT_BPSK   | 23.07 |
| n41 | 30 | 20 | 518598 | 25@12 | DFT_BPSK   | 23.05 |
| n41 | 30 | 20 | 518598 | 1@1   | DFT_BPSK   | 22.85 |
| n41 | 30 | 20 | 518598 | 1@49  | DFT_BPSK   | 22.83 |
| n41 | 30 | 20 | 518598 | 50@0  | DFT_QPSK   | 23.06 |
| n41 | 30 | 20 | 518598 | 25@12 | DFT_QPSK   | 23.13 |
| n41 | 30 | 20 | 518598 | 1@1   | DFT_QPSK   | 22.91 |
| n41 | 30 | 20 | 518598 | 1@49  | DFT_QPSK   | 22.86 |
| n41 | 30 | 20 | 518598 | 50@0  | DFT_16QAM  | 21.52 |
| n41 | 30 | 20 | 518598 | 25@12 | DFT_16QAM  | 22.62 |
| n41 | 30 | 20 | 518598 | 1@1   | DFT_16QAM  | 22.48 |
| n41 | 30 | 20 | 518598 | 1@49  | DFT_16QAM  | 22.45 |
| n41 | 30 | 20 | 518598 | 50@0  | DFT_64QAM  | 20.5  |
| n41 | 30 | 20 | 518598 | 25@12 | DFT_64QAM  | 20.56 |
| n41 | 30 | 20 | 518598 | 1@1   | DFT_64QAM  | 20.42 |
| n41 | 30 | 20 | 518598 | 1@49  | DFT_64QAM  | 20.37 |
| n41 | 30 | 20 | 518598 | 50@0  | DFT_256QAM | 18.47 |
| n41 | 30 | 20 | 518598 | 25@12 | DFT_256QAM | 18.56 |
| n41 | 30 | 20 | 518598 | 1@1   | DFT_256QAM | 18.53 |
| n41 | 30 | 20 | 518598 | 1@49  | DFT_256QAM | 18.49 |
| n41 | 30 | 20 | 518598 | 51@0  | CP_QPSK    | 20.06 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 20 | 518598 | 25@12 | CP_QPSK    | 22.61 |
| n41 | 30 | 20 | 518598 | 1@1   | CP_QPSK    | 22.61 |
| n41 | 30 | 20 | 518598 | 1@49  | CP_QPSK    | 22.52 |
| n41 | 30 | 20 | 518598 | 51@0  | CP_16QAM   | 20.01 |
| n41 | 30 | 20 | 518598 | 25@12 | CP_16QAM   | 21.13 |
| n41 | 30 | 20 | 518598 | 1@1   | CP_16QAM   | 21.02 |
| n41 | 30 | 20 | 518598 | 1@49  | CP_16QAM   | 20.93 |
| n41 | 30 | 20 | 518598 | 51@0  | CP_64QAM   | 19.53 |
| n41 | 30 | 20 | 518598 | 25@12 | CP_64QAM   | 19.54 |
| n41 | 30 | 20 | 518598 | 1@1   | CP_64QAM   | 19.26 |
| n41 | 30 | 20 | 518598 | 1@49  | CP_64QAM   | 19.16 |
| n41 | 30 | 20 | 518598 | 51@0  | CP_256QAM  | 16.42 |
| n41 | 30 | 20 | 518598 | 25@12 | CP_256QAM  | 16.49 |
| n41 | 30 | 20 | 518598 | 1@1   | CP_256QAM  | 16.6  |
| n41 | 30 | 20 | 518598 | 1@49  | CP_256QAM  | 16.5  |
| n41 | 30 | 20 | 535998 | 50@0  | DFT_BPSK   | 22.92 |
| n41 | 30 | 20 | 535998 | 25@12 | DFT_BPSK   | 22.87 |
| n41 | 30 | 20 | 535998 | 1@1   | DFT_BPSK   | 22.67 |
| n41 | 30 | 20 | 535998 | 1@49  | DFT_BPSK   | 22.79 |
| n41 | 30 | 20 | 535998 | 50@0  | DFT_QPSK   | 22.94 |
| n41 | 30 | 20 | 535998 | 25@12 | DFT_QPSK   | 22.95 |
| n41 | 30 | 20 | 535998 | 1@1   | DFT_QPSK   | 22.7  |
| n41 | 30 | 20 | 535998 | 1@49  | DFT_QPSK   | 22.84 |
| n41 | 30 | 20 | 535998 | 50@0  | DFT_16QAM  | 21.36 |
| n41 | 30 | 20 | 535998 | 25@12 | DFT_16QAM  | 22.41 |
| n41 | 30 | 20 | 535998 | 1@1   | DFT_16QAM  | 22.26 |
| n41 | 30 | 20 | 535998 | 1@49  | DFT_16QAM  | 22.39 |
| n41 | 30 | 20 | 535998 | 50@0  | DFT_64QAM  | 20.33 |
| n41 | 30 | 20 | 535998 | 25@12 | DFT_64QAM  | 20.37 |
| n41 | 30 | 20 | 535998 | 1@1   | DFT_64QAM  | 20.21 |
| n41 | 30 | 20 | 535998 | 1@49  | DFT_64QAM  | 20.35 |
| n41 | 30 | 20 | 535998 | 50@0  | DFT_256QAM | 18.32 |
| n41 | 30 | 20 | 535998 | 25@12 | DFT_256QAM | 18.37 |
| n41 | 30 | 20 | 535998 | 1@1   | DFT_256QAM | 18.34 |
| n41 | 30 | 20 | 535998 | 1@49  | DFT_256QAM | 18.45 |
| n41 | 30 | 20 | 535998 | 51@0  | CP_QPSK    | 19.9  |
| n41 | 30 | 20 | 535998 | 25@12 | CP_QPSK    | 22.41 |
| n41 | 30 | 20 | 535998 | 1@1   | CP_QPSK    | 22.31 |
| n41 | 30 | 20 | 535998 | 1@49  | CP_QPSK    | 22.48 |
| n41 | 30 | 20 | 535998 | 51@0  | CP_16QAM   | 19.81 |
| n41 | 30 | 20 | 535998 | 25@12 | CP_16QAM   | 20.95 |
| n41 | 30 | 20 | 535998 | 1@1   | CP_16QAM   | 20.75 |
| n41 | 30 | 20 | 535998 | 1@49  | CP_16QAM   | 20.9  |
| n41 | 30 | 20 | 535998 | 51@0  | CP_64QAM   | 19.36 |
| n41 | 30 | 20 | 535998 | 25@12 | CP_64QAM   | 19.35 |
| n41 | 30 | 20 | 535998 | 1@1   | CP_64QAM   | 19    |
| n41 | 30 | 20 | 535998 | 1@49  | CP_64QAM   | 19.13 |
| n41 | 30 | 20 | 535998 | 51@0  | CP_256QAM  | 16.29 |
| n41 | 30 | 20 | 535998 | 25@12 | CP_256QAM  | 16.31 |
| n41 | 30 | 20 | 535998 | 1@1   | CP_256QAM  | 16.35 |
| n41 | 30 | 20 | 535998 | 1@49  | CP_256QAM  | 16.48 |





|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 30 | 502200 | 75@0  | DFT_BPSK   | 22.97 |
| n41 | 30 | 30 | 502200 | 36@18 | DFT_BPSK   | 23.05 |
| n41 | 30 | 30 | 502200 | 1@1   | DFT_BPSK   | 22.76 |
| n41 | 30 | 30 | 502200 | 1@76  | DFT_BPSK   | 22.64 |
| n41 | 30 | 30 | 502200 | 75@0  | DFT_QPSK   | 23.03 |
| n41 | 30 | 30 | 502200 | 36@18 | DFT_QPSK   | 23.06 |
| n41 | 30 | 30 | 502200 | 1@1   | DFT_QPSK   | 22.8  |
| n41 | 30 | 30 | 502200 | 1@76  | DFT_QPSK   | 22.65 |
| n41 | 30 | 30 | 502200 | 75@0  | DFT_16QAM  | 21.51 |
| n41 | 30 | 30 | 502200 | 36@18 | DFT_16QAM  | 22.59 |
| n41 | 30 | 30 | 502200 | 1@1   | DFT_16QAM  | 22.4  |
| n41 | 30 | 30 | 502200 | 1@76  | DFT_16QAM  | 22.28 |
| n41 | 30 | 30 | 502200 | 75@0  | DFT_64QAM  | 20.47 |
| n41 | 30 | 30 | 502200 | 36@18 | DFT_64QAM  | 20.58 |
| n41 | 30 | 30 | 502200 | 1@1   | DFT_64QAM  | 20.33 |
| n41 | 30 | 30 | 502200 | 1@76  | DFT_64QAM  | 20.17 |
| n41 | 30 | 30 | 502200 | 75@0  | DFT_256QAM | 18.39 |
| n41 | 30 | 30 | 502200 | 36@18 | DFT_256QAM | 18.51 |
| n41 | 30 | 30 | 502200 | 1@1   | DFT_256QAM | 18.46 |
| n41 | 30 | 30 | 502200 | 1@76  | DFT_256QAM | 18.28 |
| n41 | 30 | 30 | 502200 | 78@0  | CP_QPSK    | 19.92 |
| n41 | 30 | 30 | 502200 | 39@19 | CP_QPSK    | 22.55 |
| n41 | 30 | 30 | 502200 | 1@1   | CP_QPSK    | 22.58 |
| n41 | 30 | 30 | 502200 | 1@76  | CP_QPSK    | 22.46 |
| n41 | 30 | 30 | 502200 | 78@0  | CP_16QAM   | 19.95 |
| n41 | 30 | 30 | 502200 | 39@19 | CP_16QAM   | 21    |
| n41 | 30 | 30 | 502200 | 1@1   | CP_16QAM   | 20.88 |
| n41 | 30 | 30 | 502200 | 1@76  | CP_16QAM   | 20.75 |
| n41 | 30 | 30 | 502200 | 78@0  | CP_64QAM   | 19.45 |
| n41 | 30 | 30 | 502200 | 39@19 | CP_64QAM   | 19.51 |
| n41 | 30 | 30 | 502200 | 1@1   | CP_64QAM   | 19.09 |
| n41 | 30 | 30 | 502200 | 1@76  | CP_64QAM   | 18.98 |
| n41 | 30 | 30 | 502200 | 78@0  | CP_256QAM  | 16.4  |
| n41 | 30 | 30 | 502200 | 39@19 | CP_256QAM  | 16.44 |
| n41 | 30 | 30 | 502200 | 1@1   | CP_256QAM  | 16.54 |
| n41 | 30 | 30 | 502200 | 1@76  | CP_256QAM  | 16.42 |
| n41 | 30 | 30 | 518598 | 75@0  | DFT_BPSK   | 23.03 |
| n41 | 30 | 30 | 518598 | 36@18 | DFT_BPSK   | 23.04 |
| n41 | 30 | 30 | 518598 | 1@1   | DFT_BPSK   | 22.71 |
| n41 | 30 | 30 | 518598 | 1@76  | DFT_BPSK   | 22.67 |
| n41 | 30 | 30 | 518598 | 75@0  | DFT_QPSK   | 23.02 |
| n41 | 30 | 30 | 518598 | 36@18 | DFT_QPSK   | 23.05 |
| n41 | 30 | 30 | 518598 | 1@1   | DFT_QPSK   | 22.9  |
| n41 | 30 | 30 | 518598 | 1@76  | DFT_QPSK   | 22.9  |
| n41 | 30 | 30 | 518598 | 75@0  | DFT_16QAM  | 21.5  |
| n41 | 30 | 30 | 518598 | 36@18 | DFT_16QAM  | 22.58 |
| n41 | 30 | 30 | 518598 | 1@1   | DFT_16QAM  | 22.37 |
| n41 | 30 | 30 | 518598 | 1@76  | DFT_16QAM  | 22.36 |
| n41 | 30 | 30 | 518598 | 75@0  | DFT_64QAM  | 20.49 |
| n41 | 30 | 30 | 518598 | 36@18 | DFT_64QAM  | 20.54 |
| n41 | 30 | 30 | 518598 | 1@1   | DFT_64QAM  | 20.25 |
| n41 | 30 | 30 | 518598 | 1@76  | DFT_64QAM  | 20.2  |
| n41 | 30 | 30 | 518598 | 75@0  | DFT_256QAM | 18.44 |
| n41 | 30 | 30 | 518598 | 36@18 | DFT_256QAM | 18.49 |
| n41 | 30 | 30 | 518598 | 1@1   | DFT_256QAM | 18.46 |
| n41 | 30 | 30 | 518598 | 1@76  | DFT_256QAM | 18.41 |
| n41 | 30 | 30 | 518598 | 78@0  | CP_QPSK    | 19.96 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 30 | 518598 | 39@19 | CP_QPSK    | 22.56 |
| n41 | 30 | 30 | 518598 | 1@1   | CP_QPSK    | 22.24 |
| n41 | 30 | 30 | 518598 | 1@76  | CP_QPSK    | 22.09 |
| n41 | 30 | 30 | 518598 | 78@0  | CP_16QAM   | 19.94 |
| n41 | 30 | 30 | 518598 | 39@19 | CP_16QAM   | 20.99 |
| n41 | 30 | 30 | 518598 | 1@1   | CP_16QAM   | 20.84 |
| n41 | 30 | 30 | 518598 | 1@76  | CP_16QAM   | 20.74 |
| n41 | 30 | 30 | 518598 | 78@0  | CP_64QAM   | 19.45 |
| n41 | 30 | 30 | 518598 | 39@19 | CP_64QAM   | 19.52 |
| n41 | 30 | 30 | 518598 | 1@1   | CP_64QAM   | 19.08 |
| n41 | 30 | 30 | 518598 | 1@76  | CP_64QAM   | 18.99 |
| n41 | 30 | 30 | 518598 | 78@0  | CP_256QAM  | 16.4  |
| n41 | 30 | 30 | 518598 | 39@19 | CP_256QAM  | 16.45 |
| n41 | 30 | 30 | 518598 | 1@1   | CP_256QAM  | 16.47 |
| n41 | 30 | 30 | 518598 | 1@76  | CP_256QAM  | 16.41 |
| n41 | 30 | 30 | 534996 | 75@0  | DFT_BPSK   | 22.86 |
| n41 | 30 | 30 | 534996 | 36@18 | DFT_BPSK   | 22.91 |
| n41 | 30 | 30 | 534996 | 1@1   | DFT_BPSK   | 22.6  |
| n41 | 30 | 30 | 534996 | 1@76  | DFT_BPSK   | 22.63 |
| n41 | 30 | 30 | 534996 | 75@0  | DFT_QPSK   | 22.87 |
| n41 | 30 | 30 | 534996 | 36@18 | DFT_QPSK   | 22.93 |
| n41 | 30 | 30 | 534996 | 1@1   | DFT_QPSK   | 22.62 |
| n41 | 30 | 30 | 534996 | 1@76  | DFT_QPSK   | 22.67 |
| n41 | 30 | 30 | 534996 | 75@0  | DFT_16QAM  | 21.36 |
| n41 | 30 | 30 | 534996 | 36@18 | DFT_16QAM  | 22.45 |
| n41 | 30 | 30 | 534996 | 1@1   | DFT_16QAM  | 22.26 |
| n41 | 30 | 30 | 534996 | 1@76  | DFT_16QAM  | 22.25 |
| n41 | 30 | 30 | 534996 | 75@0  | DFT_64QAM  | 20.34 |
| n41 | 30 | 30 | 534996 | 36@18 | DFT_64QAM  | 20.42 |
| n41 | 30 | 30 | 534996 | 1@1   | DFT_64QAM  | 20.15 |
| n41 | 30 | 30 | 534996 | 1@76  | DFT_64QAM  | 20.17 |
| n41 | 30 | 30 | 534996 | 75@0  | DFT_256QAM | 18.28 |
| n41 | 30 | 30 | 534996 | 36@18 | DFT_256QAM | 18.34 |
| n41 | 30 | 30 | 534996 | 1@1   | DFT_256QAM | 18.29 |
| n41 | 30 | 30 | 534996 | 1@76  | DFT_256QAM | 18.28 |
| n41 | 30 | 30 | 534996 | 78@0  | CP_QPSK    | 19.79 |
| n41 | 30 | 30 | 534996 | 39@19 | CP_QPSK    | 22.41 |
| n41 | 30 | 30 | 534996 | 1@1   | CP_QPSK    | 22.4  |
| n41 | 30 | 30 | 534996 | 1@76  | CP_QPSK    | 22.43 |
| n41 | 30 | 30 | 534996 | 78@0  | CP_16QAM   | 19.79 |
| n41 | 30 | 30 | 534996 | 39@19 | CP_16QAM   | 20.84 |
| n41 | 30 | 30 | 534996 | 1@1   | CP_16QAM   | 20.71 |
| n41 | 30 | 30 | 534996 | 1@76  | CP_16QAM   | 20.78 |
| n41 | 30 | 30 | 534996 | 78@0  | CP_64QAM   | 19.3  |
| n41 | 30 | 30 | 534996 | 39@19 | CP_64QAM   | 19.36 |
| n41 | 30 | 30 | 534996 | 1@1   | CP_64QAM   | 18.97 |
| n41 | 30 | 30 | 534996 | 1@76  | CP_64QAM   | 18.99 |
| n41 | 30 | 30 | 534996 | 78@0  | CP_256QAM  | 16.25 |
| n41 | 30 | 30 | 534996 | 39@19 | CP_256QAM  | 16.29 |
| n41 | 30 | 30 | 534996 | 1@1   | CP_256QAM  | 16.29 |
| n41 | 30 | 30 | 534996 | 1@76  | CP_256QAM  | 16.37 |





|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 40 | 503202 | 100@0 | DFT_BPSK   | 22.85 |
| n41 | 30 | 40 | 503202 | 50@25 | DFT_BPSK   | 23.02 |
| n41 | 30 | 40 | 503202 | 1@1   | DFT_BPSK   | 22.54 |
| n41 | 30 | 40 | 503202 | 1@104 | DFT_BPSK   | 22.39 |
| n41 | 30 | 40 | 503202 | 100@0 | DFT_QPSK   | 22.87 |
| n41 | 30 | 40 | 503202 | 50@25 | DFT_QPSK   | 23.05 |
| n41 | 30 | 40 | 503202 | 1@1   | DFT_QPSK   | 22.59 |
| n41 | 30 | 40 | 503202 | 1@104 | DFT_QPSK   | 22.43 |
| n41 | 30 | 40 | 503202 | 100@0 | DFT_16QAM  | 21.38 |
| n41 | 30 | 40 | 503202 | 50@25 | DFT_16QAM  | 22.53 |
| n41 | 30 | 40 | 503202 | 1@1   | DFT_16QAM  | 22.18 |
| n41 | 30 | 40 | 503202 | 1@104 | DFT_16QAM  | 22.01 |
| n41 | 30 | 40 | 503202 | 100@0 | DFT_64QAM  | 20.31 |
| n41 | 30 | 40 | 503202 | 50@25 | DFT_64QAM  | 20.48 |
| n41 | 30 | 40 | 503202 | 1@1   | DFT_64QAM  | 20.12 |
| n41 | 30 | 40 | 503202 | 1@104 | DFT_64QAM  | 19.99 |
| n41 | 30 | 40 | 503202 | 100@0 | DFT_256QAM | 18.32 |
| n41 | 30 | 40 | 503202 | 50@25 | DFT_256QAM | 18.45 |
| n41 | 30 | 40 | 503202 | 1@1   | DFT_256QAM | 18.23 |
| n41 | 30 | 40 | 503202 | 1@104 | DFT_256QAM | 18.11 |
| n41 | 30 | 40 | 503202 | 106@0 | CP_QPSK    | 19.8  |
| n41 | 30 | 40 | 503202 | 53@26 | CP_QPSK    | 22.51 |
| n41 | 30 | 40 | 503202 | 1@1   | CP_QPSK    | 22.26 |
| n41 | 30 | 40 | 503202 | 1@104 | CP_QPSK    | 22.08 |
| n41 | 30 | 40 | 503202 | 106@0 | CP_16QAM   | 19.84 |
| n41 | 30 | 40 | 503202 | 53@26 | CP_16QAM   | 20.95 |
| n41 | 30 | 40 | 503202 | 1@1   | CP_16QAM   | 20.7  |
| n41 | 30 | 40 | 503202 | 1@104 | CP_16QAM   | 20.56 |
| n41 | 30 | 40 | 503202 | 106@0 | CP_64QAM   | 19.3  |
| n41 | 30 | 40 | 503202 | 53@26 | CP_64QAM   | 19.45 |
| n41 | 30 | 40 | 503202 | 1@1   | CP_64QAM   | 18.95 |
| n41 | 30 | 40 | 503202 | 1@104 | CP_64QAM   | 18.79 |
| n41 | 30 | 40 | 503202 | 106@0 | CP_256QAM  | 16.26 |
| n41 | 30 | 40 | 503202 | 53@26 | CP_256QAM  | 16.38 |
| n41 | 30 | 40 | 503202 | 1@1   | CP_256QAM  | 16.35 |
| n41 | 30 | 40 | 503202 | 1@104 | CP_256QAM  | 16.18 |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_BPSK   | 22.93 |
| n41 | 30 | 40 | 518598 | 50@25 | DFT_BPSK   | 23.08 |
| n41 | 30 | 40 | 518598 | 1@1   | DFT_BPSK   | 22.5  |
| n41 | 30 | 40 | 518598 | 1@104 | DFT_BPSK   | 22.45 |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_QPSK   | 22.92 |
| n41 | 30 | 40 | 518598 | 50@25 | DFT_QPSK   | 23.09 |
| n41 | 30 | 40 | 518598 | 1@1   | DFT_QPSK   | 22.49 |
| n41 | 30 | 40 | 518598 | 1@104 | DFT_QPSK   | 22.45 |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_16QAM  | 21.45 |
| n41 | 30 | 40 | 518598 | 50@25 | DFT_16QAM  | 22.59 |
| n41 | 30 | 40 | 518598 | 1@1   | DFT_16QAM  | 22.13 |
| n41 | 30 | 40 | 518598 | 1@104 | DFT_16QAM  | 22.09 |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_64QAM  | 20.41 |
| n41 | 30 | 40 | 518598 | 50@25 | DFT_64QAM  | 20.53 |
| n41 | 30 | 40 | 518598 | 1@1   | DFT_64QAM  | 20.04 |
| n41 | 30 | 40 | 518598 | 1@104 | DFT_64QAM  | 20    |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_256QAM | 18.39 |
| n41 | 30 | 40 | 518598 | 50@25 | DFT_256QAM | 18.51 |
| n41 | 30 | 40 | 518598 | 1@1   | DFT_256QAM | 18.17 |
| n41 | 30 | 40 | 518598 | 1@104 | DFT_256QAM | 18.15 |
| n41 | 30 | 40 | 518598 | 106@0 | CP_QPSK    | 19.85 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 40 | 518598 | 53@26 | CP_QPSK    | 22.56 |
| n41 | 30 | 40 | 518598 | 1@1   | CP_QPSK    | 22.3  |
| n41 | 30 | 40 | 518598 | 1@104 | CP_QPSK    | 22.28 |
| n41 | 30 | 40 | 518598 | 106@0 | CP_16QAM   | 19.89 |
| n41 | 30 | 40 | 518598 | 53@26 | CP_16QAM   | 21.01 |
| n41 | 30 | 40 | 518598 | 1@1   | CP_16QAM   | 20.62 |
| n41 | 30 | 40 | 518598 | 1@104 | CP_16QAM   | 20.58 |
| n41 | 30 | 40 | 518598 | 106@0 | CP_64QAM   | 19.38 |
| n41 | 30 | 40 | 518598 | 53@26 | CP_64QAM   | 19.51 |
| n41 | 30 | 40 | 518598 | 1@1   | CP_64QAM   | 18.88 |
| n41 | 30 | 40 | 518598 | 1@104 | CP_64QAM   | 18.81 |
| n41 | 30 | 40 | 518598 | 106@0 | CP_256QAM  | 16.34 |
| n41 | 30 | 40 | 518598 | 53@26 | CP_256QAM  | 16.45 |
| n41 | 30 | 40 | 518598 | 1@1   | CP_256QAM  | 16.29 |
| n41 | 30 | 40 | 518598 | 1@104 | CP_256QAM  | 16.22 |
| n41 | 30 | 40 | 534000 | 100@0 | DFT_BPSK   | 22.8  |
| n41 | 30 | 40 | 534000 | 50@25 | DFT_BPSK   | 22.96 |
| n41 | 30 | 40 | 534000 | 1@1   | DFT_BPSK   | 22.36 |
| n41 | 30 | 40 | 534000 | 1@104 | DFT_BPSK   | 22.45 |
| n41 | 30 | 40 | 534000 | 100@0 | DFT_QPSK   | 22.79 |
| n41 | 30 | 40 | 534000 | 50@25 | DFT_QPSK   | 23    |
| n41 | 30 | 40 | 534000 | 1@1   | DFT_QPSK   | 22.39 |
| n41 | 30 | 40 | 534000 | 1@104 | DFT_QPSK   | 22.46 |
| n41 | 30 | 40 | 534000 | 100@0 | DFT_16QAM  | 21.31 |
| n41 | 30 | 40 | 534000 | 50@25 | DFT_16QAM  | 22.45 |
| n41 | 30 | 40 | 534000 | 1@1   | DFT_16QAM  | 22.02 |
| n41 | 30 | 40 | 534000 | 1@104 | DFT_16QAM  | 22.09 |
| n41 | 30 | 40 | 534000 | 100@0 | DFT_64QAM  | 20.28 |
| n41 | 30 | 40 | 534000 | 50@25 | DFT_64QAM  | 20.42 |
| n41 | 30 | 40 | 534000 | 1@1   | DFT_64QAM  | 19.91 |
| n41 | 30 | 40 | 534000 | 1@104 | DFT_64QAM  | 19.99 |
| n41 | 30 | 40 | 534000 | 100@0 | DFT_256QAM | 18.26 |
| n41 | 30 | 40 | 534000 | 50@25 | DFT_256QAM | 18.38 |
| n41 | 30 | 40 | 534000 | 1@1   | DFT_256QAM | 18.05 |
| n41 | 30 | 40 | 534000 | 1@104 | DFT_256QAM | 18.13 |
| n41 | 30 | 40 | 534000 | 106@0 | CP_QPSK    | 19.76 |
| n41 | 30 | 40 | 534000 | 53@26 | CP_QPSK    | 22.41 |
| n41 | 30 | 40 | 534000 | 1@1   | CP_QPSK    | 22.13 |
| n41 | 30 | 40 | 534000 | 1@104 | CP_QPSK    | 22.21 |
| n41 | 30 | 40 | 534000 | 106@0 | CP_16QAM   | 19.76 |
| n41 | 30 | 40 | 534000 | 53@26 | CP_16QAM   | 20.86 |
| n41 | 30 | 40 | 534000 | 1@1   | CP_16QAM   | 20.5  |
| n41 | 30 | 40 | 534000 | 1@104 | CP_16QAM   | 20.6  |
| n41 | 30 | 40 | 534000 | 106@0 | CP_64QAM   | 19.25 |
| n41 | 30 | 40 | 534000 | 53@26 | CP_64QAM   | 19.36 |
| n41 | 30 | 40 | 534000 | 1@1   | CP_64QAM   | 18.73 |
| n41 | 30 | 40 | 534000 | 1@104 | CP_64QAM   | 18.97 |
| n41 | 30 | 40 | 534000 | 106@0 | CP_256QAM  | 16.2  |
| n41 | 30 | 40 | 534000 | 53@26 | CP_256QAM  | 16.29 |
| n41 | 30 | 40 | 534000 | 1@1   | CP_256QAM  | 16.14 |
| n41 | 30 | 40 | 534000 | 1@104 | CP_256QAM  | 16.27 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 50 | 504204 | 128@0 | DFT_BPSK   | 22.92 |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_BPSK   | 23.01 |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_BPSK   | 22.84 |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_BPSK   | 22.69 |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_QPSK   | 22.92 |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_QPSK   | 23.03 |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_QPSK   | 23.1  |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_QPSK   | 22.89 |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_16QAM  | 21.44 |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_16QAM  | 22.57 |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_16QAM  | 22.54 |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_16QAM  | 22.33 |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_64QAM  | 20.41 |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_64QAM  | 20.52 |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_64QAM  | 20.41 |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_64QAM  | 20.21 |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_256QAM | 18.39 |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_256QAM | 18.44 |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_256QAM | 18.58 |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_256QAM | 18.38 |
| n41 | 30 | 50 | 504204 | 133@0 | CP_QPSK    | 19.92 |
| n41 | 30 | 50 | 504204 | 67@33 | CP_QPSK    | 22.6  |
| n41 | 30 | 50 | 504204 | 1@1   | CP_QPSK    | 22.34 |
| n41 | 30 | 50 | 504204 | 1@131 | CP_QPSK    | 22.23 |
| n41 | 30 | 50 | 504204 | 133@0 | CP_16QAM   | 19.93 |
| n41 | 30 | 50 | 504204 | 67@33 | CP_16QAM   | 21.02 |
| n41 | 30 | 50 | 504204 | 1@1   | CP_16QAM   | 21.01 |
| n41 | 30 | 50 | 504204 | 1@131 | CP_16QAM   | 20.81 |
| n41 | 30 | 50 | 504204 | 133@0 | CP_64QAM   | 19.41 |
| n41 | 30 | 50 | 504204 | 67@33 | CP_64QAM   | 19.44 |
| n41 | 30 | 50 | 504204 | 1@1   | CP_64QAM   | 19.27 |
| n41 | 30 | 50 | 504204 | 1@131 | CP_64QAM   | 19.05 |
| n41 | 30 | 50 | 504204 | 133@0 | CP_256QAM  | 16.38 |
| n41 | 30 | 50 | 504204 | 67@33 | CP_256QAM  | 16.43 |
| n41 | 30 | 50 | 504204 | 1@1   | CP_256QAM  | 16.58 |
| n41 | 30 | 50 | 504204 | 1@131 | CP_256QAM  | 16.37 |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_BPSK   | 22.97 |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_BPSK   | 23.09 |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_BPSK   | 22.8  |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_BPSK   | 22.78 |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_QPSK   | 22.99 |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_QPSK   | 23.11 |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_QPSK   | 22.82 |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_QPSK   | 22.82 |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_16QAM  | 21.49 |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_16QAM  | 22.64 |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_16QAM  | 22.4  |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_16QAM  | 22.38 |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_64QAM  | 20.49 |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_64QAM  | 20.58 |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_64QAM  | 20.33 |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_64QAM  | 20.32 |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_256QAM | 18.44 |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_256QAM | 18.51 |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_256QAM | 18.47 |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_256QAM | 18.44 |
| n41 | 30 | 50 | 518598 | 133@0 | CP_QPSK    | 20.02 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 50 | 518598 | 67@33 | CP_QPSK    | 22.6  |
| n41 | 30 | 50 | 518598 | 1@1   | CP_QPSK    | 22.51 |
| n41 | 30 | 50 | 518598 | 1@131 | CP_QPSK    | 22.49 |
| n41 | 30 | 50 | 518598 | 133@0 | CP_16QAM   | 20    |
| n41 | 30 | 50 | 518598 | 67@33 | CP_16QAM   | 21.09 |
| n41 | 30 | 50 | 518598 | 1@1   | CP_16QAM   | 20.94 |
| n41 | 30 | 50 | 518598 | 1@131 | CP_16QAM   | 20.89 |
| n41 | 30 | 50 | 518598 | 133@0 | CP_64QAM   | 19.48 |
| n41 | 30 | 50 | 518598 | 67@33 | CP_64QAM   | 19.52 |
| n41 | 30 | 50 | 518598 | 1@1   | CP_64QAM   | 19.18 |
| n41 | 30 | 50 | 518598 | 1@131 | CP_64QAM   | 19.11 |
| n41 | 30 | 50 | 518598 | 133@0 | CP_256QAM  | 16.45 |
| n41 | 30 | 50 | 518598 | 67@33 | CP_256QAM  | 16.5  |
| n41 | 30 | 50 | 518598 | 1@1   | CP_256QAM  | 16.53 |
| n41 | 30 | 50 | 518598 | 1@131 | CP_256QAM  | 16.45 |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_BPSK   | 22.79 |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_BPSK   | 22.94 |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_BPSK   | 22.66 |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_BPSK   | 22.71 |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QPSK   | 22.83 |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_QPSK   | 22.97 |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_QPSK   | 22.7  |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_QPSK   | 22.72 |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_16QAM  | 21.33 |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_16QAM  | 22.51 |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_16QAM  | 22.32 |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_16QAM  | 22.34 |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_64QAM  | 20.29 |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_64QAM  | 20.45 |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_64QAM  | 20.22 |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_64QAM  | 20.24 |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_256QAM | 18.27 |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_256QAM | 18.35 |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_256QAM | 18.33 |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_256QAM | 18.4  |
| n41 | 30 | 50 | 532998 | 133@0 | CP_QPSK    | 19.81 |
| n41 | 30 | 50 | 532998 | 67@33 | CP_QPSK    | 22.45 |
| n41 | 30 | 50 | 532998 | 1@1   | CP_QPSK    | 22.79 |
| n41 | 30 | 50 | 532998 | 1@131 | CP_QPSK    | 22.84 |
| n41 | 30 | 50 | 532998 | 133@0 | CP_16QAM   | 19.79 |
| n41 | 30 | 50 | 532998 | 67@33 | CP_16QAM   | 20.94 |
| n41 | 30 | 50 | 532998 | 1@1   | CP_16QAM   | 20.67 |
| n41 | 30 | 50 | 532998 | 1@131 | CP_16QAM   | 20.7  |
| n41 | 30 | 50 | 532998 | 133@0 | CP_64QAM   | 19.26 |
| n41 | 30 | 50 | 532998 | 67@33 | CP_64QAM   | 19.37 |
| n41 | 30 | 50 | 532998 | 1@1   | CP_64QAM   | 19.01 |
| n41 | 30 | 50 | 532998 | 1@131 | CP_64QAM   | 19.08 |
| n41 | 30 | 50 | 532998 | 133@0 | CP_256QAM  | 16.36 |
| n41 | 30 | 50 | 532998 | 67@33 | CP_256QAM  | 16.35 |
| n41 | 30 | 50 | 532998 | 1@1   | CP_256QAM  | 16.59 |
| n41 | 30 | 50 | 532998 | 1@131 | CP_256QAM  | 16.46 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 60 | 505200 | 162@0 | DFT_BPSK   | 22.88 |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_BPSK   | 23.02 |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_BPSK   | 22.67 |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_BPSK   | 22.53 |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QPSK   | 22.91 |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_QPSK   | 23.04 |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_QPSK   | 22.71 |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_QPSK   | 22.54 |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_16QAM  | 21.39 |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_16QAM  | 22.59 |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_16QAM  | 22.29 |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_16QAM  | 22.13 |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_64QAM  | 20.34 |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_64QAM  | 20.48 |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_64QAM  | 20.25 |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_64QAM  | 20.08 |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_256QAM | 18.33 |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_256QAM | 18.44 |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_256QAM | 18.39 |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_256QAM | 18.21 |
| n41 | 30 | 60 | 505200 | 162@0 | CP_QPSK    | 19.85 |
| n41 | 30 | 60 | 505200 | 81@40 | CP_QPSK    | 22.53 |
| n41 | 30 | 60 | 505200 | 1@1   | CP_QPSK    | 22.38 |
| n41 | 30 | 60 | 505200 | 1@160 | CP_QPSK    | 22.24 |
| n41 | 30 | 60 | 505200 | 162@0 | CP_16QAM   | 19.83 |
| n41 | 30 | 60 | 505200 | 81@40 | CP_16QAM   | 20.96 |
| n41 | 30 | 60 | 505200 | 1@1   | CP_16QAM   | 20.76 |
| n41 | 30 | 60 | 505200 | 1@160 | CP_16QAM   | 20.61 |
| n41 | 30 | 60 | 505200 | 162@0 | CP_64QAM   | 19.33 |
| n41 | 30 | 60 | 505200 | 81@40 | CP_64QAM   | 19.44 |
| n41 | 30 | 60 | 505200 | 1@1   | CP_64QAM   | 19.02 |
| n41 | 30 | 60 | 505200 | 1@160 | CP_64QAM   | 18.87 |
| n41 | 30 | 60 | 505200 | 162@0 | CP_256QAM  | 16.29 |
| n41 | 30 | 60 | 505200 | 81@40 | CP_256QAM  | 16.4  |
| n41 | 30 | 60 | 505200 | 1@1   | CP_256QAM  | 16.42 |
| n41 | 30 | 60 | 505200 | 1@160 | CP_256QAM  | 16.25 |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_BPSK   | 22.98 |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_BPSK   | 23.07 |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_BPSK   | 22.66 |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_BPSK   | 22.64 |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QPSK   | 23    |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_QPSK   | 23.12 |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_QPSK   | 22.68 |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_QPSK   | 22.67 |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_16QAM  | 21.5  |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_16QAM  | 22.63 |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_16QAM  | 22.25 |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_16QAM  | 22.23 |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_64QAM  | 20.47 |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_64QAM  | 20.53 |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_64QAM  | 20.21 |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_64QAM  | 20.2  |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_256QAM | 18.42 |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_256QAM | 18.48 |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_256QAM | 18.31 |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_256QAM | 18.33 |
| n41 | 30 | 60 | 518598 | 162@0 | CP_QPSK    | 19.93 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 60 | 518598 | 81@40 | CP_QPSK    | 22.59 |
| n41 | 30 | 60 | 518598 | 1@1   | CP_QPSK    | 22.46 |
| n41 | 30 | 60 | 518598 | 1@160 | CP_QPSK    | 22.49 |
| n41 | 30 | 60 | 518598 | 162@0 | CP_16QAM   | 19.95 |
| n41 | 30 | 60 | 518598 | 81@40 | CP_16QAM   | 21.04 |
| n41 | 30 | 60 | 518598 | 1@1   | CP_16QAM   | 20.8  |
| n41 | 30 | 60 | 518598 | 1@160 | CP_16QAM   | 20.75 |
| n41 | 30 | 60 | 518598 | 162@0 | CP_64QAM   | 19.43 |
| n41 | 30 | 60 | 518598 | 81@40 | CP_64QAM   | 19.5  |
| n41 | 30 | 60 | 518598 | 1@1   | CP_64QAM   | 19.01 |
| n41 | 30 | 60 | 518598 | 1@160 | CP_64QAM   | 19.01 |
| n41 | 30 | 60 | 518598 | 162@0 | CP_256QAM  | 16.38 |
| n41 | 30 | 60 | 518598 | 81@40 | CP_256QAM  | 16.46 |
| n41 | 30 | 60 | 518598 | 1@1   | CP_256QAM  | 16.41 |
| n41 | 30 | 60 | 518598 | 1@160 | CP_256QAM  | 16.33 |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_BPSK   | 22.77 |
| n41 | 30 | 60 | 531996 | 81@40 | DFT_BPSK   | 22.94 |
| n41 | 30 | 60 | 531996 | 1@1   | DFT_BPSK   | 22.57 |
| n41 | 30 | 60 | 531996 | 1@160 | DFT_BPSK   | 22.56 |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_QPSK   | 22.79 |
| n41 | 30 | 60 | 531996 | 81@40 | DFT_QPSK   | 22.99 |
| n41 | 30 | 60 | 531996 | 1@1   | DFT_QPSK   | 22.62 |
| n41 | 30 | 60 | 531996 | 1@160 | DFT_QPSK   | 22.57 |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_16QAM  | 21.27 |
| n41 | 30 | 60 | 531996 | 81@40 | DFT_16QAM  | 22.5  |
| n41 | 30 | 60 | 531996 | 1@1   | DFT_16QAM  | 22.17 |
| n41 | 30 | 60 | 531996 | 1@160 | DFT_16QAM  | 22.16 |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_64QAM  | 20.26 |
| n41 | 30 | 60 | 531996 | 81@40 | DFT_64QAM  | 20.42 |
| n41 | 30 | 60 | 531996 | 1@1   | DFT_64QAM  | 20.12 |
| n41 | 30 | 60 | 531996 | 1@160 | DFT_64QAM  | 20.11 |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_256QAM | 18.23 |
| n41 | 30 | 60 | 531996 | 81@40 | DFT_256QAM | 18.37 |
| n41 | 30 | 60 | 531996 | 1@1   | DFT_256QAM | 18.21 |
| n41 | 30 | 60 | 531996 | 1@160 | DFT_256QAM | 18.2  |
| n41 | 30 | 60 | 531996 | 162@0 | CP_QPSK    | 19.72 |
| n41 | 30 | 60 | 531996 | 81@40 | CP_QPSK    | 22.45 |
| n41 | 30 | 60 | 531996 | 1@1   | CP_QPSK    | 22.36 |
| n41 | 30 | 60 | 531996 | 1@160 | CP_QPSK    | 22.34 |
| n41 | 30 | 60 | 531996 | 162@0 | CP_16QAM   | 19.74 |
| n41 | 30 | 60 | 531996 | 81@40 | CP_16QAM   | 20.88 |
| n41 | 30 | 60 | 531996 | 1@1   | CP_16QAM   | 20.68 |
| n41 | 30 | 60 | 531996 | 1@160 | CP_16QAM   | 20.62 |
| n41 | 30 | 60 | 531996 | 162@0 | CP_64QAM   | 19.22 |
| n41 | 30 | 60 | 531996 | 81@40 | CP_64QAM   | 19.38 |
| n41 | 30 | 60 | 531996 | 1@1   | CP_64QAM   | 18.92 |
| n41 | 30 | 60 | 531996 | 1@160 | CP_64QAM   | 18.9  |
| n41 | 30 | 60 | 531996 | 162@0 | CP_256QAM  | 16.15 |
| n41 | 30 | 60 | 531996 | 81@40 | CP_256QAM  | 16.32 |
| n41 | 30 | 60 | 531996 | 1@1   | CP_256QAM  | 16.28 |
| n41 | 30 | 60 | 531996 | 1@160 | CP_256QAM  | 16.25 |





|     |    |    |        |        |            |       |
|-----|----|----|--------|--------|------------|-------|
| n41 | 30 | 80 | 507204 | 216@0  | DFT_BPSK   | 22.85 |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_BPSK   | 23.01 |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_BPSK   | 22.53 |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_BPSK   | 22.35 |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_QPSK   | 22.89 |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_QPSK   | 23.03 |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_QPSK   | 22.48 |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_QPSK   | 22.31 |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_16QAM  | 21.36 |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_16QAM  | 22.54 |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_16QAM  | 22.14 |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_16QAM  | 21.97 |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_64QAM  | 20.35 |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_64QAM  | 20.48 |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_64QAM  | 20.06 |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_64QAM  | 19.89 |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_256QAM | 18.29 |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_256QAM | 18.42 |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_256QAM | 18.13 |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_256QAM | 17.92 |
| n41 | 30 | 80 | 507204 | 217@0  | CP_QPSK    | 19.81 |
| n41 | 30 | 80 | 507204 | 109@54 | CP_QPSK    | 22.47 |
| n41 | 30 | 80 | 507204 | 1@1    | CP_QPSK    | 22.58 |
| n41 | 30 | 80 | 507204 | 1@215  | CP_QPSK    | 22.3  |
| n41 | 30 | 80 | 507204 | 217@0  | CP_16QAM   | 19.81 |
| n41 | 30 | 80 | 507204 | 109@54 | CP_16QAM   | 20.98 |
| n41 | 30 | 80 | 507204 | 1@1    | CP_16QAM   | 20.73 |
| n41 | 30 | 80 | 507204 | 1@215  | CP_16QAM   | 20.55 |
| n41 | 30 | 80 | 507204 | 217@0  | CP_64QAM   | 19.3  |
| n41 | 30 | 80 | 507204 | 109@54 | CP_64QAM   | 19.48 |
| n41 | 30 | 80 | 507204 | 1@1    | CP_64QAM   | 18.84 |
| n41 | 30 | 80 | 507204 | 1@215  | CP_64QAM   | 18.68 |
| n41 | 30 | 80 | 507204 | 217@0  | CP_256QAM  | 16.23 |
| n41 | 30 | 80 | 507204 | 109@54 | CP_256QAM  | 16.4  |
| n41 | 30 | 80 | 507204 | 1@1    | CP_256QAM  | 16.23 |
| n41 | 30 | 80 | 507204 | 1@215  | CP_256QAM  | 16.03 |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_BPSK   | 22.94 |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_BPSK   | 23.02 |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_BPSK   | 22.5  |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_BPSK   | 22.45 |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_QPSK   | 22.96 |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_QPSK   | 23.06 |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_QPSK   | 22.63 |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_QPSK   | 22.61 |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_16QAM  | 21.45 |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_16QAM  | 22.6  |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_16QAM  | 22.27 |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_16QAM  | 22.23 |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_64QAM  | 20.42 |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_64QAM  | 20.51 |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_64QAM  | 20.03 |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_64QAM  | 19.97 |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_256QAM | 18.37 |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_256QAM | 18.42 |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_256QAM | 18.17 |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_256QAM | 18.08 |
| n41 | 30 | 80 | 518598 | 217@0  | CP_QPSK    | 19.87 |



|     |    |    |        |        |            |       |
|-----|----|----|--------|--------|------------|-------|
| n41 | 30 | 80 | 518598 | 109@54 | CP_QPSK    | 22.52 |
| n41 | 30 | 80 | 518598 | 1@1    | CP_QPSK    | 22.19 |
| n41 | 30 | 80 | 518598 | 1@215  | CP_QPSK    | 22.07 |
| n41 | 30 | 80 | 518598 | 217@0  | CP_16QAM   | 19.89 |
| n41 | 30 | 80 | 518598 | 109@54 | CP_16QAM   | 20.95 |
| n41 | 30 | 80 | 518598 | 1@1    | CP_16QAM   | 20.68 |
| n41 | 30 | 80 | 518598 | 1@215  | CP_16QAM   | 20.64 |
| n41 | 30 | 80 | 518598 | 217@0  | CP_64QAM   | 19.37 |
| n41 | 30 | 80 | 518598 | 109@54 | CP_64QAM   | 19.5  |
| n41 | 30 | 80 | 518598 | 1@1    | CP_64QAM   | 19.03 |
| n41 | 30 | 80 | 518598 | 1@215  | CP_64QAM   | 18.95 |
| n41 | 30 | 80 | 518598 | 217@0  | CP_256QAM  | 16.27 |
| n41 | 30 | 80 | 518598 | 109@54 | CP_256QAM  | 16.4  |
| n41 | 30 | 80 | 518598 | 1@1    | CP_256QAM  | 16.27 |
| n41 | 30 | 80 | 518598 | 1@215  | CP_256QAM  | 16.18 |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_BPSK   | 22.9  |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_BPSK   | 23.01 |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_BPSK   | 22.49 |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_BPSK   | 22.5  |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_QPSK   | 22.95 |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_QPSK   | 23.07 |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_QPSK   | 22.75 |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_QPSK   | 22.74 |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_16QAM  | 21.42 |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_16QAM  | 22.58 |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_16QAM  | 22.28 |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_16QAM  | 22.26 |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_64QAM  | 20.4  |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_64QAM  | 20.49 |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_64QAM  | 20.02 |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_64QAM  | 20.06 |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_256QAM | 18.34 |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_256QAM | 18.44 |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_256QAM | 18.08 |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_256QAM | 18.13 |
| n41 | 30 | 80 | 529998 | 217@0  | CP_QPSK    | 19.88 |
| n41 | 30 | 80 | 529998 | 109@54 | CP_QPSK    | 22.49 |
| n41 | 30 | 80 | 529998 | 1@1    | CP_QPSK    | 22.51 |
| n41 | 30 | 80 | 529998 | 1@215  | CP_QPSK    | 22.51 |
| n41 | 30 | 80 | 529998 | 217@0  | CP_16QAM   | 19.86 |
| n41 | 30 | 80 | 529998 | 109@54 | CP_16QAM   | 20.98 |
| n41 | 30 | 80 | 529998 | 1@1    | CP_16QAM   | 20.67 |
| n41 | 30 | 80 | 529998 | 1@215  | CP_16QAM   | 20.71 |
| n41 | 30 | 80 | 529998 | 217@0  | CP_64QAM   | 19.37 |
| n41 | 30 | 80 | 529998 | 109@54 | CP_64QAM   | 19.5  |
| n41 | 30 | 80 | 529998 | 1@1    | CP_64QAM   | 18.81 |
| n41 | 30 | 80 | 529998 | 1@215  | CP_64QAM   | 18.88 |
| n41 | 30 | 80 | 529998 | 217@0  | CP_256QAM  | 16.28 |
| n41 | 30 | 80 | 529998 | 109@54 | CP_256QAM  | 16.4  |
| n41 | 30 | 80 | 529998 | 1@1    | CP_256QAM  | 16.18 |
| n41 | 30 | 80 | 529998 | 1@215  | CP_256QAM  | 16.16 |





|     |    |    |        |        |            |       |
|-----|----|----|--------|--------|------------|-------|
| n41 | 30 | 90 | 508200 | 240@0  | DFT_BPSK   | 22.83 |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_BPSK   | 22.99 |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_BPSK   | 22.39 |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_BPSK   | 22.24 |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_QPSK   | 22.85 |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_QPSK   | 22.99 |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_QPSK   | 22.44 |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_QPSK   | 22.26 |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_16QAM  | 21.32 |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_16QAM  | 22.48 |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_16QAM  | 21.97 |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_16QAM  | 21.84 |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_64QAM  | 20.28 |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_64QAM  | 20.44 |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_64QAM  | 19.96 |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_64QAM  | 19.77 |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_256QAM | 18.25 |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_256QAM | 18.39 |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_256QAM | 18.02 |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_256QAM | 17.87 |
| n41 | 30 | 90 | 508200 | 245@0  | CP_QPSK    | 19.76 |
| n41 | 30 | 90 | 508200 | 123@61 | CP_QPSK    | 22.47 |
| n41 | 30 | 90 | 508200 | 1@1    | CP_QPSK    | 22.2  |
| n41 | 30 | 90 | 508200 | 1@243  | CP_QPSK    | 22.02 |
| n41 | 30 | 90 | 508200 | 245@0  | CP_16QAM   | 19.77 |
| n41 | 30 | 90 | 508200 | 123@61 | CP_16QAM   | 21    |
| n41 | 30 | 90 | 508200 | 1@1    | CP_16QAM   | 20.5  |
| n41 | 30 | 90 | 508200 | 1@243  | CP_16QAM   | 20.32 |
| n41 | 30 | 90 | 508200 | 245@0  | CP_64QAM   | 19.27 |
| n41 | 30 | 90 | 508200 | 123@61 | CP_64QAM   | 19.44 |
| n41 | 30 | 90 | 508200 | 1@1    | CP_64QAM   | 18.73 |
| n41 | 30 | 90 | 508200 | 1@243  | CP_64QAM   | 18.58 |
| n41 | 30 | 90 | 508200 | 245@0  | CP_256QAM  | 16.2  |
| n41 | 30 | 90 | 508200 | 123@61 | CP_256QAM  | 16.35 |
| n41 | 30 | 90 | 508200 | 1@1    | CP_256QAM  | 16.02 |
| n41 | 30 | 90 | 508200 | 1@243  | CP_256QAM  | 15.83 |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_BPSK   | 22.87 |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_BPSK   | 23.01 |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_BPSK   | 22.35 |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_BPSK   | 22.27 |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_QPSK   | 22.91 |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_QPSK   | 23.03 |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_QPSK   | 22.35 |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_QPSK   | 22.27 |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_16QAM  | 21.39 |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_16QAM  | 22.52 |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_16QAM  | 21.99 |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_16QAM  | 21.89 |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_64QAM  | 20.34 |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_64QAM  | 20.47 |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_64QAM  | 19.88 |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_64QAM  | 19.77 |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_256QAM | 18.31 |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_256QAM | 18.4  |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_256QAM | 17.95 |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_256QAM | 17.84 |
| n41 | 30 | 90 | 518598 | 245@0  | CP_QPSK    | 19.82 |



|     |    |    |        |        |            |       |
|-----|----|----|--------|--------|------------|-------|
| n41 | 30 | 90 | 518598 | 123@61 | CP_QPSK    | 22.49 |
| n41 | 30 | 90 | 518598 | 1@1    | CP_QPSK    | 22.16 |
| n41 | 30 | 90 | 518598 | 1@243  | CP_QPSK    | 22.05 |
| n41 | 30 | 90 | 518598 | 245@0  | CP_16QAM   | 19.86 |
| n41 | 30 | 90 | 518598 | 123@61 | CP_16QAM   | 21    |
| n41 | 30 | 90 | 518598 | 1@1    | CP_16QAM   | 20.48 |
| n41 | 30 | 90 | 518598 | 1@243  | CP_16QAM   | 20.37 |
| n41 | 30 | 90 | 518598 | 245@0  | CP_64QAM   | 19.34 |
| n41 | 30 | 90 | 518598 | 123@61 | CP_64QAM   | 19.46 |
| n41 | 30 | 90 | 518598 | 1@1    | CP_64QAM   | 18.71 |
| n41 | 30 | 90 | 518598 | 1@243  | CP_64QAM   | 18.58 |
| n41 | 30 | 90 | 518598 | 245@0  | CP_256QAM  | 16.26 |
| n41 | 30 | 90 | 518598 | 123@61 | CP_256QAM  | 16.36 |
| n41 | 30 | 90 | 518598 | 1@1    | CP_256QAM  | 16.02 |
| n41 | 30 | 90 | 518598 | 1@243  | CP_256QAM  | 15.91 |
| n41 | 30 | 90 | 528996 | 240@0  | DFT_BPSK   | 22.84 |
| n41 | 30 | 90 | 528996 | 120@60 | DFT_BPSK   | 23    |
| n41 | 30 | 90 | 528996 | 1@1    | DFT_BPSK   | 22.3  |
| n41 | 30 | 90 | 528996 | 1@243  | DFT_BPSK   | 22.31 |
| n41 | 30 | 90 | 528996 | 240@0  | DFT_QPSK   | 22.86 |
| n41 | 30 | 90 | 528996 | 120@60 | DFT_QPSK   | 23.03 |
| n41 | 30 | 90 | 528996 | 1@1    | DFT_QPSK   | 22.35 |
| n41 | 30 | 90 | 528996 | 1@243  | DFT_QPSK   | 22.33 |
| n41 | 30 | 90 | 528996 | 240@0  | DFT_16QAM  | 21.32 |
| n41 | 30 | 90 | 528996 | 120@60 | DFT_16QAM  | 22.51 |
| n41 | 30 | 90 | 528996 | 1@1    | DFT_16QAM  | 21.88 |
| n41 | 30 | 90 | 528996 | 1@243  | DFT_16QAM  | 21.93 |
| n41 | 30 | 90 | 528996 | 240@0  | DFT_64QAM  | 20.3  |
| n41 | 30 | 90 | 528996 | 120@60 | DFT_64QAM  | 20.45 |
| n41 | 30 | 90 | 528996 | 1@1    | DFT_64QAM  | 19.85 |
| n41 | 30 | 90 | 528996 | 1@243  | DFT_64QAM  | 19.85 |
| n41 | 30 | 90 | 528996 | 240@0  | DFT_256QAM | 18.27 |
| n41 | 30 | 90 | 528996 | 120@60 | DFT_256QAM | 18.38 |
| n41 | 30 | 90 | 528996 | 1@1    | DFT_256QAM | 17.94 |
| n41 | 30 | 90 | 528996 | 1@243  | DFT_256QAM | 17.94 |
| n41 | 30 | 90 | 528996 | 245@0  | CP_QPSK    | 19.77 |
| n41 | 30 | 90 | 528996 | 123@61 | CP_QPSK    | 22.45 |
| n41 | 30 | 90 | 528996 | 1@1    | CP_QPSK    | 21.96 |
| n41 | 30 | 90 | 528996 | 1@243  | CP_QPSK    | 22.13 |
| n41 | 30 | 90 | 528996 | 245@0  | CP_16QAM   | 19.79 |
| n41 | 30 | 90 | 528996 | 123@61 | CP_16QAM   | 20.97 |
| n41 | 30 | 90 | 528996 | 1@1    | CP_16QAM   | 20.38 |
| n41 | 30 | 90 | 528996 | 1@243  | CP_16QAM   | 20.43 |
| n41 | 30 | 90 | 528996 | 245@0  | CP_64QAM   | 19.29 |
| n41 | 30 | 90 | 528996 | 123@61 | CP_64QAM   | 19.41 |
| n41 | 30 | 90 | 528996 | 1@1    | CP_64QAM   | 18.63 |
| n41 | 30 | 90 | 528996 | 1@243  | CP_64QAM   | 18.69 |
| n41 | 30 | 90 | 528996 | 245@0  | CP_256QAM  | 16.21 |
| n41 | 30 | 90 | 528996 | 123@61 | CP_256QAM  | 16.34 |
| n41 | 30 | 90 | 528996 | 1@1    | CP_256QAM  | 15.98 |
| n41 | 30 | 90 | 528996 | 1@243  | CP_256QAM  | 16.05 |



|     |    |     |        |        |            |       |
|-----|----|-----|--------|--------|------------|-------|
| n41 | 30 | 100 | 509202 | 270@0  | DFT_BPSK   | 23.29 |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_BPSK   | 23.45 |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_BPSK   | 22.76 |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_BPSK   | 22.59 |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_QPSK   | 23.31 |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_QPSK   | 23.46 |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_QPSK   | 22.81 |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_QPSK   | 22.64 |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_16QAM  | 21.81 |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_16QAM  | 23.01 |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_16QAM  | 22.35 |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_16QAM  | 22.17 |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_64QAM  | 20.77 |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_64QAM  | 20.97 |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_64QAM  | 20.31 |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_64QAM  | 20.14 |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_256QAM | 18.72 |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_256QAM | 18.89 |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_256QAM | 18.38 |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_256QAM | 18.2  |
| n41 | 30 | 100 | 509202 | 273@0  | CP_QPSK    | 20.23 |
| n41 | 30 | 100 | 509202 | 137@68 | CP_QPSK    | 22.98 |
| n41 | 30 | 100 | 509202 | 1@1    | CP_QPSK    | 22.45 |
| n41 | 30 | 100 | 509202 | 1@271  | CP_QPSK    | 22.31 |
| n41 | 30 | 100 | 509202 | 273@0  | CP_16QAM   | 20.24 |
| n41 | 30 | 100 | 509202 | 137@68 | CP_16QAM   | 21.41 |
| n41 | 30 | 100 | 509202 | 1@1    | CP_16QAM   | 20.83 |
| n41 | 30 | 100 | 509202 | 1@271  | CP_16QAM   | 20.7  |
| n41 | 30 | 100 | 509202 | 273@0  | CP_64QAM   | 19.73 |
| n41 | 30 | 100 | 509202 | 137@68 | CP_64QAM   | 19.93 |
| n41 | 30 | 100 | 509202 | 1@1    | CP_64QAM   | 19.11 |
| n41 | 30 | 100 | 509202 | 1@271  | CP_64QAM   | 18.96 |
| n41 | 30 | 100 | 509202 | 273@0  | CP_256QAM  | 16.69 |
| n41 | 30 | 100 | 509202 | 137@68 | CP_256QAM  | 16.83 |
| n41 | 30 | 100 | 509202 | 1@1    | CP_256QAM  | 16.44 |
| n41 | 30 | 100 | 509202 | 1@271  | CP_256QAM  | 16.24 |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_BPSK   | 23.3  |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_BPSK   | 23.45 |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_BPSK   | 22.71 |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_BPSK   | 22.55 |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_QPSK   | 23.33 |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_QPSK   | 23.47 |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_QPSK   | 22.72 |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_QPSK   | 22.56 |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_16QAM  | 21.83 |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_16QAM  | 23.02 |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_16QAM  | 22.29 |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_16QAM  | 22.12 |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_64QAM  | 20.78 |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_64QAM  | 20.98 |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_64QAM  | 20.24 |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_64QAM  | 20.08 |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_256QAM | 18.75 |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_256QAM | 18.89 |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_256QAM | 18.32 |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_256QAM | 18.12 |
| n41 | 30 | 100 | 518598 | 273@0  | CP_QPSK    | 20.25 |



|     |    |     |        |        |            |       |
|-----|----|-----|--------|--------|------------|-------|
| n41 | 30 | 100 | 518598 | 137@68 | CP_QPSK    | 23.04 |
| n41 | 30 | 100 | 518598 | 1@1    | CP_QPSK    | 22.41 |
| n41 | 30 | 100 | 518598 | 1@271  | CP_QPSK    | 22.25 |
| n41 | 30 | 100 | 518598 | 273@0  | CP_16QAM   | 20.26 |
| n41 | 30 | 100 | 518598 | 137@68 | CP_16QAM   | 21.44 |
| n41 | 30 | 100 | 518598 | 1@1    | CP_16QAM   | 20.79 |
| n41 | 30 | 100 | 518598 | 1@271  | CP_16QAM   | 20.66 |
| n41 | 30 | 100 | 518598 | 273@0  | CP_64QAM   | 19.77 |
| n41 | 30 | 100 | 518598 | 137@68 | CP_64QAM   | 19.93 |
| n41 | 30 | 100 | 518598 | 1@1    | CP_64QAM   | 19.07 |
| n41 | 30 | 100 | 518598 | 1@271  | CP_64QAM   | 18.9  |
| n41 | 30 | 100 | 518598 | 273@0  | CP_256QAM  | 16.69 |
| n41 | 30 | 100 | 518598 | 137@68 | CP_256QAM  | 16.87 |
| n41 | 30 | 100 | 518598 | 1@1    | CP_256QAM  | 16.38 |
| n41 | 30 | 100 | 518598 | 1@271  | CP_256QAM  | 16.15 |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_BPSK   | 23.31 |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_BPSK   | 23.48 |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_BPSK   | 22.77 |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_BPSK   | 22.7  |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_QPSK   | 23.33 |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_QPSK   | 23.5  |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_QPSK   | 22.76 |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_QPSK   | 22.7  |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_16QAM  | 21.82 |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_16QAM  | 23.03 |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_16QAM  | 22.38 |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_16QAM  | 22.32 |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_64QAM  | 20.79 |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_64QAM  | 20.97 |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_64QAM  | 20.28 |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_64QAM  | 20.19 |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_256QAM | 18.72 |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_256QAM | 18.89 |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_256QAM | 18.36 |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_256QAM | 18.32 |
| n41 | 30 | 100 | 528000 | 273@0  | CP_QPSK    | 20.22 |
| n41 | 30 | 100 | 528000 | 137@68 | CP_QPSK    | 23.02 |
| n41 | 30 | 100 | 528000 | 1@1    | CP_QPSK    | 22.44 |
| n41 | 30 | 100 | 528000 | 1@271  | CP_QPSK    | 22.4  |
| n41 | 30 | 100 | 528000 | 273@0  | CP_16QAM   | 20.25 |
| n41 | 30 | 100 | 528000 | 137@68 | CP_16QAM   | 21.45 |
| n41 | 30 | 100 | 528000 | 1@1    | CP_16QAM   | 20.82 |
| n41 | 30 | 100 | 528000 | 1@271  | CP_16QAM   | 20.77 |
| n41 | 30 | 100 | 528000 | 273@0  | CP_64QAM   | 19.76 |
| n41 | 30 | 100 | 528000 | 137@68 | CP_64QAM   | 19.95 |
| n41 | 30 | 100 | 528000 | 1@1    | CP_64QAM   | 19.13 |
| n41 | 30 | 100 | 528000 | 1@271  | CP_64QAM   | 19.07 |
| n41 | 30 | 100 | 528000 | 273@0  | CP_256QAM  | 16.7  |
| n41 | 30 | 100 | 528000 | 137@68 | CP_256QAM  | 16.87 |
| n41 | 30 | 100 | 528000 | 1@1    | CP_256QAM  | 16.38 |
| n41 | 30 | 100 | 528000 | 1@271  | CP_256QAM  | 16.34 |



| Band           | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Power (dBm) |
|----------------|-----------|-----------------|------------|---------------|------------|-------------|
| n77(3450-3550) | 30        | 10              | 630334     | 24@0          | DFT_BPSK   | 22.89       |
| n77(3450-3550) | 30        | 10              | 630334     | 12@6          | DFT_BPSK   | 22.85       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@1           | DFT_BPSK   | 22.89       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@22          | DFT_BPSK   | 22.79       |
| n77(3450-3550) | 30        | 10              | 630334     | 24@0          | DFT_QPSK   | 22.87       |
| n77(3450-3550) | 30        | 10              | 630334     | 12@6          | DFT_QPSK   | 22.84       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@1           | DFT_QPSK   | 22.87       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@22          | DFT_QPSK   | 22.77       |
| n77(3450-3550) | 30        | 10              | 630334     | 24@0          | DFT_16QAM  | 21.29       |
| n77(3450-3550) | 30        | 10              | 630334     | 12@6          | DFT_16QAM  | 22.35       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@1           | DFT_16QAM  | 22.27       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@22          | DFT_16QAM  | 22.2        |
| n77(3450-3550) | 30        | 10              | 630334     | 24@0          | DFT_64QAM  | 20.3        |
| n77(3450-3550) | 30        | 10              | 630334     | 12@6          | DFT_64QAM  | 20.31       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@1           | DFT_64QAM  | 20.09       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@22          | DFT_64QAM  | 20.04       |
| n77(3450-3550) | 30        | 10              | 630334     | 24@0          | DFT_256QAM | 18.46       |
| n77(3450-3550) | 30        | 10              | 630334     | 12@6          | DFT_256QAM | 18.47       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@1           | DFT_256QAM | 18.41       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@22          | DFT_256QAM | 18.59       |
| n77(3450-3550) | 30        | 10              | 630334     | 24@0          | CP_QPSK    | 19.81       |
| n77(3450-3550) | 30        | 10              | 630334     | 12@6          | CP_QPSK    | 22.32       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@1           | CP_QPSK    | 22.38       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@22          | CP_QPSK    | 22.31       |
| n77(3450-3550) | 30        | 10              | 630334     | 24@0          | CP_16QAM   | 19.78       |
| n77(3450-3550) | 30        | 10              | 630334     | 12@6          | CP_16QAM   | 20.76       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@1           | CP_16QAM   | 20.98       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@22          | CP_16QAM   | 20.93       |
| n77(3450-3550) | 30        | 10              | 630334     | 24@0          | CP_64QAM   | 19.48       |
| n77(3450-3550) | 30        | 10              | 630334     | 12@6          | CP_64QAM   | 19.53       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@1           | CP_64QAM   | 19.56       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@22          | CP_64QAM   | 19.47       |
| n77(3450-3550) | 30        | 10              | 630334     | 24@0          | CP_256QAM  | 16.4        |
| n77(3450-3550) | 30        | 10              | 630334     | 12@6          | CP_256QAM  | 16.47       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@1           | CP_256QAM  | 16.56       |
| n77(3450-3550) | 30        | 10              | 630334     | 1@22          | CP_256QAM  | 16.25       |
| n77(3450-3550) | 30        | 10              | 633334     | 24@0          | DFT_BPSK   | 22.6        |
| n77(3450-3550) | 30        | 10              | 633334     | 12@6          | DFT_BPSK   | 22.58       |
| n77(3450-3550) | 30        | 10              | 633334     | 1@1           | DFT_BPSK   | 22.46       |
| n77(3450-3550) | 30        | 10              | 633334     | 1@22          | DFT_BPSK   | 22.55       |
| n77(3450-3550) | 30        | 10              | 633334     | 24@0          | DFT_QPSK   | 22.61       |
| n77(3450-3550) | 30        | 10              | 633334     | 12@6          | DFT_QPSK   | 22.54       |
| n77(3450-3550) | 30        | 10              | 633334     | 1@1           | DFT_QPSK   | 22.46       |
| n77(3450-3550) | 30        | 10              | 633334     | 1@22          | DFT_QPSK   | 22.55       |
| n77(3450-3550) | 30        | 10              | 633334     | 24@0          | DFT_16QAM  | 21.02       |
| n77(3450-3550) | 30        | 10              | 633334     | 12@6          | DFT_16QAM  | 22.05       |
| n77(3450-3550) | 30        | 10              | 633334     | 1@1           | DFT_16QAM  | 21.86       |
| n77(3450-3550) | 30        | 10              | 633334     | 1@22          | DFT_16QAM  | 21.93       |
| n77(3450-3550) | 30        | 10              | 633334     | 24@0          | DFT_64QAM  | 19.98       |
| n77(3450-3550) | 30        | 10              | 633334     | 12@6          | DFT_64QAM  | 20.02       |
| n77(3450-3550) | 30        | 10              | 633334     | 1@1           | DFT_64QAM  | 19.72       |
| n77(3450-3550) | 30        | 10              | 633334     | 1@22          | DFT_64QAM  | 19.79       |
| n77(3450-3550) | 30        | 10              | 633334     | 24@0          | DFT_256QAM | 18.2        |
| n77(3450-3550) | 30        | 10              | 633334     | 12@6          | DFT_256QAM | 18.05       |
| n77(3450-3550) | 30        | 10              | 633334     | 1@1           | DFT_256QAM | 18.01       |



|                |    |    |        |      |            |       |
|----------------|----|----|--------|------|------------|-------|
| n77(3450-3550) | 30 | 10 | 633334 | 1@22 | DFT_256QAM | 18.15 |
| n77(3450-3550) | 30 | 10 | 633334 | 24@0 | CP_QPSK    | 16.14 |
| n77(3450-3550) | 30 | 10 | 633334 | 12@6 | CP_QPSK    | 22.04 |
| n77(3450-3550) | 30 | 10 | 633334 | 1@1  | CP_QPSK    | 22.03 |
| n77(3450-3550) | 30 | 10 | 633334 | 1@22 | CP_QPSK    | 22.09 |
| n77(3450-3550) | 30 | 10 | 633334 | 24@0 | CP_16QAM   | 19.69 |
| n77(3450-3550) | 30 | 10 | 633334 | 12@6 | CP_16QAM   | 20.43 |
| n77(3450-3550) | 30 | 10 | 633334 | 1@1  | CP_16QAM   | 20.62 |
| n77(3450-3550) | 30 | 10 | 633334 | 1@22 | CP_16QAM   | 20.67 |
| n77(3450-3550) | 30 | 10 | 633334 | 24@0 | CP_64QAM   | 19.19 |
| n77(3450-3550) | 30 | 10 | 633334 | 12@6 | CP_64QAM   | 19.25 |
| n77(3450-3550) | 30 | 10 | 633334 | 1@1  | CP_64QAM   | 19.18 |
| n77(3450-3550) | 30 | 10 | 633334 | 1@22 | CP_64QAM   | 19.27 |
| n77(3450-3550) | 30 | 10 | 633334 | 24@0 | CP_256QAM  | 16.52 |
| n77(3450-3550) | 30 | 10 | 633334 | 12@6 | CP_256QAM  | 16.16 |
| n77(3450-3550) | 30 | 10 | 633334 | 1@1  | CP_256QAM  | 15.91 |
| n77(3450-3550) | 30 | 10 | 633334 | 1@22 | CP_256QAM  | 16.04 |
| n77(3450-3550) | 30 | 10 | 636332 | 24@0 | DFT_BPSK   | 23.04 |
| n77(3450-3550) | 30 | 10 | 636332 | 12@6 | DFT_BPSK   | 23.04 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@1  | DFT_BPSK   | 22.98 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@22 | DFT_BPSK   | 22.98 |
| n77(3450-3550) | 30 | 10 | 636332 | 24@0 | DFT_QPSK   | 22.98 |
| n77(3450-3550) | 30 | 10 | 636332 | 12@6 | DFT_QPSK   | 23.04 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@1  | DFT_QPSK   | 22.97 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@22 | DFT_QPSK   | 22.95 |
| n77(3450-3550) | 30 | 10 | 636332 | 24@0 | DFT_16QAM  | 21.46 |
| n77(3450-3550) | 30 | 10 | 636332 | 12@6 | DFT_16QAM  | 22.53 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@1  | DFT_16QAM  | 22.38 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@22 | DFT_16QAM  | 22.36 |
| n77(3450-3550) | 30 | 10 | 636332 | 24@0 | DFT_64QAM  | 20.45 |
| n77(3450-3550) | 30 | 10 | 636332 | 12@6 | DFT_64QAM  | 20.51 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@1  | DFT_64QAM  | 20.24 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@22 | DFT_64QAM  | 20.24 |
| n77(3450-3550) | 30 | 10 | 636332 | 24@0 | DFT_256QAM | 18.26 |
| n77(3450-3550) | 30 | 10 | 636332 | 12@6 | DFT_256QAM | 18.64 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@1  | DFT_256QAM | 18.52 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@22 | DFT_256QAM | 18.26 |
| n77(3450-3550) | 30 | 10 | 636332 | 24@0 | CP_QPSK    | 19.99 |
| n77(3450-3550) | 30 | 10 | 636332 | 12@6 | CP_QPSK    | 22.51 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@1  | CP_QPSK    | 22.5  |
| n77(3450-3550) | 30 | 10 | 636332 | 1@22 | CP_QPSK    | 22.51 |
| n77(3450-3550) | 30 | 10 | 636332 | 24@0 | CP_16QAM   | 19.99 |
| n77(3450-3550) | 30 | 10 | 636332 | 12@6 | CP_16QAM   | 20.96 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@1  | CP_16QAM   | 21.1  |
| n77(3450-3550) | 30 | 10 | 636332 | 1@22 | CP_16QAM   | 21.09 |
| n77(3450-3550) | 30 | 10 | 636332 | 24@0 | CP_64QAM   | 19.66 |
| n77(3450-3550) | 30 | 10 | 636332 | 12@6 | CP_64QAM   | 19.71 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@1  | CP_64QAM   | 19.7  |
| n77(3450-3550) | 30 | 10 | 636332 | 1@22 | CP_64QAM   | 19.62 |
| n77(3450-3550) | 30 | 10 | 636332 | 24@0 | CP_256QAM  | 16.56 |
| n77(3450-3550) | 30 | 10 | 636332 | 12@6 | CP_256QAM  | 16.66 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@1  | CP_256QAM  | 16.63 |
| n77(3450-3550) | 30 | 10 | 636332 | 1@22 | CP_256QAM  | 16.39 |





|                |    |    |        |      |            |       |
|----------------|----|----|--------|------|------------|-------|
| n77(3450-3550) | 30 | 15 | 630500 | 36@0 | DFT_BPSK   | 22.88 |
| n77(3450-3550) | 30 | 15 | 630500 | 18@9 | DFT_BPSK   | 22.91 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@1  | DFT_BPSK   | 22.89 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@36 | DFT_BPSK   | 22.73 |
| n77(3450-3550) | 30 | 15 | 630500 | 36@0 | DFT_QPSK   | 22.87 |
| n77(3450-3550) | 30 | 15 | 630500 | 18@9 | DFT_QPSK   | 22.89 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@1  | DFT_QPSK   | 22.83 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@36 | DFT_QPSK   | 22.72 |
| n77(3450-3550) | 30 | 15 | 630500 | 36@0 | DFT_16QAM  | 21.28 |
| n77(3450-3550) | 30 | 15 | 630500 | 18@9 | DFT_16QAM  | 22.37 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@1  | DFT_16QAM  | 22.25 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@36 | DFT_16QAM  | 22.17 |
| n77(3450-3550) | 30 | 15 | 630500 | 36@0 | DFT_64QAM  | 20.31 |
| n77(3450-3550) | 30 | 15 | 630500 | 18@9 | DFT_64QAM  | 20.34 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@1  | DFT_64QAM  | 20.12 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@36 | DFT_64QAM  | 20    |
| n77(3450-3550) | 30 | 15 | 630500 | 36@0 | DFT_256QAM | 18.47 |
| n77(3450-3550) | 30 | 15 | 630500 | 18@9 | DFT_256QAM | 18.49 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@1  | DFT_256QAM | 18.26 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@36 | DFT_256QAM | 18.32 |
| n77(3450-3550) | 30 | 15 | 630500 | 38@0 | CP_QPSK    | 19.82 |
| n77(3450-3550) | 30 | 15 | 630500 | 19@9 | CP_QPSK    | 22.3  |
| n77(3450-3550) | 30 | 15 | 630500 | 1@1  | CP_QPSK    | 22.33 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@36 | CP_QPSK    | 22.27 |
| n77(3450-3550) | 30 | 15 | 630500 | 38@0 | CP_16QAM   | 19.84 |
| n77(3450-3550) | 30 | 15 | 630500 | 19@9 | CP_16QAM   | 20.85 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@1  | CP_16QAM   | 20.9  |
| n77(3450-3550) | 30 | 15 | 630500 | 1@36 | CP_16QAM   | 20.82 |
| n77(3450-3550) | 30 | 15 | 630500 | 38@0 | CP_64QAM   | 19.43 |
| n77(3450-3550) | 30 | 15 | 630500 | 19@9 | CP_64QAM   | 19.47 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@1  | CP_64QAM   | 19.57 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@36 | CP_64QAM   | 19.46 |
| n77(3450-3550) | 30 | 15 | 630500 | 38@0 | CP_256QAM  | 16.26 |
| n77(3450-3550) | 30 | 15 | 630500 | 19@9 | CP_256QAM  | 16.42 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@1  | CP_256QAM  | 16.31 |
| n77(3450-3550) | 30 | 15 | 630500 | 1@36 | CP_256QAM  | 16.24 |
| n77(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_BPSK   | 22.57 |
| n77(3450-3550) | 30 | 15 | 633334 | 18@9 | DFT_BPSK   | 22.62 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@1  | DFT_BPSK   | 22.42 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@36 | DFT_BPSK   | 22.58 |
| n77(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_QPSK   | 22.54 |
| n77(3450-3550) | 30 | 15 | 633334 | 18@9 | DFT_QPSK   | 22.58 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@1  | DFT_QPSK   | 22.37 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@36 | DFT_QPSK   | 22.55 |
| n77(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_16QAM  | 20.99 |
| n77(3450-3550) | 30 | 15 | 633334 | 18@9 | DFT_16QAM  | 22.08 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@1  | DFT_16QAM  | 21.79 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@36 | DFT_16QAM  | 21.95 |
| n77(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_64QAM  | 20.01 |
| n77(3450-3550) | 30 | 15 | 633334 | 18@9 | DFT_64QAM  | 20.03 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@1  | DFT_64QAM  | 19.65 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@36 | DFT_64QAM  | 19.77 |
| n77(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_256QAM | 18.16 |
| n77(3450-3550) | 30 | 15 | 633334 | 18@9 | DFT_256QAM | 17.53 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@1  | DFT_256QAM | 17.97 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@36 | DFT_256QAM | 18.14 |
| n77(3450-3550) | 30 | 15 | 633334 | 38@0 | CP_QPSK    | 19.69 |



|                |    |    |        |      |            |       |
|----------------|----|----|--------|------|------------|-------|
| n77(3450-3550) | 30 | 15 | 633334 | 19@9 | CP_QPSK    | 22    |
| n77(3450-3550) | 30 | 15 | 633334 | 1@1  | CP_QPSK    | 21.91 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@36 | CP_QPSK    | 22.08 |
| n77(3450-3550) | 30 | 15 | 633334 | 38@0 | CP_16QAM   | 19.7  |
| n77(3450-3550) | 30 | 15 | 633334 | 19@9 | CP_16QAM   | 20.53 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@1  | CP_16QAM   | 20.48 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@36 | CP_16QAM   | 20.65 |
| n77(3450-3550) | 30 | 15 | 633334 | 38@0 | CP_64QAM   | 19.13 |
| n77(3450-3550) | 30 | 15 | 633334 | 19@9 | CP_64QAM   | 19.18 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@1  | CP_64QAM   | 19.15 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@36 | CP_64QAM   | 19.27 |
| n77(3450-3550) | 30 | 15 | 633334 | 38@0 | CP_256QAM  | 16.12 |
| n77(3450-3550) | 30 | 15 | 633334 | 19@9 | CP_256QAM  | 16.11 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@1  | CP_256QAM  | 16.29 |
| n77(3450-3550) | 30 | 15 | 633334 | 1@36 | CP_256QAM  | 16.04 |
| n77(3450-3550) | 30 | 15 | 636166 | 36@0 | DFT_BPSK   | 22.99 |
| n77(3450-3550) | 30 | 15 | 636166 | 18@9 | DFT_BPSK   | 23.06 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@1  | DFT_BPSK   | 22.93 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@36 | DFT_BPSK   | 22.89 |
| n77(3450-3550) | 30 | 15 | 636166 | 36@0 | DFT_QPSK   | 23.02 |
| n77(3450-3550) | 30 | 15 | 636166 | 18@9 | DFT_QPSK   | 23.05 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@1  | DFT_QPSK   | 22.9  |
| n77(3450-3550) | 30 | 15 | 636166 | 1@36 | DFT_QPSK   | 22.87 |
| n77(3450-3550) | 30 | 15 | 636166 | 36@0 | DFT_16QAM  | 21.44 |
| n77(3450-3550) | 30 | 15 | 636166 | 18@9 | DFT_16QAM  | 22.52 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@1  | DFT_16QAM  | 22.35 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@36 | DFT_16QAM  | 22.34 |
| n77(3450-3550) | 30 | 15 | 636166 | 36@0 | DFT_64QAM  | 20.44 |
| n77(3450-3550) | 30 | 15 | 636166 | 18@9 | DFT_64QAM  | 20.49 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@1  | DFT_64QAM  | 20.15 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@36 | DFT_64QAM  | 20.14 |
| n77(3450-3550) | 30 | 15 | 636166 | 36@0 | DFT_256QAM | 18.61 |
| n77(3450-3550) | 30 | 15 | 636166 | 18@9 | DFT_256QAM | 18.32 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@1  | DFT_256QAM | 18.54 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@36 | DFT_256QAM | 18.59 |
| n77(3450-3550) | 30 | 15 | 636166 | 38@0 | CP_QPSK    | 16.59 |
| n77(3450-3550) | 30 | 15 | 636166 | 19@9 | CP_QPSK    | 22.48 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@1  | CP_QPSK    | 22.47 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@36 | CP_QPSK    | 22.46 |
| n77(3450-3550) | 30 | 15 | 636166 | 38@0 | CP_16QAM   | 19.99 |
| n77(3450-3550) | 30 | 15 | 636166 | 19@9 | CP_16QAM   | 20.98 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@1  | CP_16QAM   | 20.98 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@36 | CP_16QAM   | 20.95 |
| n77(3450-3550) | 30 | 15 | 636166 | 38@0 | CP_64QAM   | 19.59 |
| n77(3450-3550) | 30 | 15 | 636166 | 19@9 | CP_64QAM   | 19.65 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@1  | CP_64QAM   | 19.61 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@36 | CP_64QAM   | 19.58 |
| n77(3450-3550) | 30 | 15 | 636166 | 38@0 | CP_256QAM  | 16.58 |
| n77(3450-3550) | 30 | 15 | 636166 | 19@9 | CP_256QAM  | 16.58 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@1  | CP_256QAM  | 16.43 |
| n77(3450-3550) | 30 | 15 | 636166 | 1@36 | CP_256QAM  | 16.41 |





|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3450-3550) | 30 | 20 | 630668 | 50@0  | DFT_BPSK   | 22.88 |
| n77(3450-3550) | 30 | 20 | 630668 | 25@12 | DFT_BPSK   | 22.87 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@1   | DFT_BPSK   | 22.8  |
| n77(3450-3550) | 30 | 20 | 630668 | 1@49  | DFT_BPSK   | 22.67 |
| n77(3450-3550) | 30 | 20 | 630668 | 50@0  | DFT_QPSK   | 22.86 |
| n77(3450-3550) | 30 | 20 | 630668 | 25@12 | DFT_QPSK   | 22.88 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@1   | DFT_QPSK   | 22.77 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@49  | DFT_QPSK   | 22.63 |
| n77(3450-3550) | 30 | 20 | 630668 | 50@0  | DFT_16QAM  | 21.35 |
| n77(3450-3550) | 30 | 20 | 630668 | 25@12 | DFT_16QAM  | 22.38 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@1   | DFT_16QAM  | 22.26 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@49  | DFT_16QAM  | 22.23 |
| n77(3450-3550) | 30 | 20 | 630668 | 50@0  | DFT_64QAM  | 20.33 |
| n77(3450-3550) | 30 | 20 | 630668 | 25@12 | DFT_64QAM  | 20.34 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@1   | DFT_64QAM  | 20.05 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@49  | DFT_64QAM  | 19.91 |
| n77(3450-3550) | 30 | 20 | 630668 | 50@0  | DFT_256QAM | 18.46 |
| n77(3450-3550) | 30 | 20 | 630668 | 25@12 | DFT_256QAM | 18.49 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@1   | DFT_256QAM | 18.35 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@49  | DFT_256QAM | 18.24 |
| n77(3450-3550) | 30 | 20 | 630668 | 51@0  | CP_QPSK    | 19.77 |
| n77(3450-3550) | 30 | 20 | 630668 | 25@12 | CP_QPSK    | 22.35 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@1   | CP_QPSK    | 22.28 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@49  | CP_QPSK    | 22.15 |
| n77(3450-3550) | 30 | 20 | 630668 | 51@0  | CP_16QAM   | 19.78 |
| n77(3450-3550) | 30 | 20 | 630668 | 25@12 | CP_16QAM   | 20.85 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@1   | CP_16QAM   | 20.87 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@49  | CP_16QAM   | 20.72 |
| n77(3450-3550) | 30 | 20 | 630668 | 51@0  | CP_64QAM   | 19.47 |
| n77(3450-3550) | 30 | 20 | 630668 | 25@12 | CP_64QAM   | 19.49 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@1   | CP_64QAM   | 19.48 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@49  | CP_64QAM   | 19.35 |
| n77(3450-3550) | 30 | 20 | 630668 | 51@0  | CP_256QAM  | 16.41 |
| n77(3450-3550) | 30 | 20 | 630668 | 25@12 | CP_256QAM  | 16.49 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@1   | CP_256QAM  | 16.28 |
| n77(3450-3550) | 30 | 20 | 630668 | 1@49  | CP_256QAM  | 16.16 |
| n77(3450-3550) | 30 | 20 | 633334 | 50@0  | DFT_BPSK   | 22.59 |
| n77(3450-3550) | 30 | 20 | 633334 | 25@12 | DFT_BPSK   | 22.6  |
| n77(3450-3550) | 30 | 20 | 633334 | 1@1   | DFT_BPSK   | 22.37 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@49  | DFT_BPSK   | 22.52 |
| n77(3450-3550) | 30 | 20 | 633334 | 50@0  | DFT_QPSK   | 22.59 |
| n77(3450-3550) | 30 | 20 | 633334 | 25@12 | DFT_QPSK   | 22.59 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@1   | DFT_QPSK   | 22.3  |
| n77(3450-3550) | 30 | 20 | 633334 | 1@49  | DFT_QPSK   | 22.46 |
| n77(3450-3550) | 30 | 20 | 633334 | 50@0  | DFT_16QAM  | 21.05 |
| n77(3450-3550) | 30 | 20 | 633334 | 25@12 | DFT_16QAM  | 22.09 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@1   | DFT_16QAM  | 21.75 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@49  | DFT_16QAM  | 21.91 |
| n77(3450-3550) | 30 | 20 | 633334 | 50@0  | DFT_64QAM  | 20.03 |
| n77(3450-3550) | 30 | 20 | 633334 | 25@12 | DFT_64QAM  | 20.05 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@1   | DFT_64QAM  | 19.61 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@49  | DFT_64QAM  | 19.77 |
| n77(3450-3550) | 30 | 20 | 633334 | 50@0  | DFT_256QAM | 18.29 |
| n77(3450-3550) | 30 | 20 | 633334 | 25@12 | DFT_256QAM | 18.23 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@1   | DFT_256QAM | 18.22 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@49  | DFT_256QAM | 18.07 |
| n77(3450-3550) | 30 | 20 | 633334 | 51@0  | CP_QPSK    | 19.65 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3450-3550) | 30 | 20 | 633334 | 25@12 | CP_QPSK    | 22.08 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@1   | CP_QPSK    | 21.87 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@49  | CP_QPSK    | 21.97 |
| n77(3450-3550) | 30 | 20 | 633334 | 51@0  | CP_16QAM   | 19.65 |
| n77(3450-3550) | 30 | 20 | 633334 | 25@12 | CP_16QAM   | 20.56 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@1   | CP_16QAM   | 20.4  |
| n77(3450-3550) | 30 | 20 | 633334 | 1@49  | CP_16QAM   | 20.55 |
| n77(3450-3550) | 30 | 20 | 633334 | 51@0  | CP_64QAM   | 19.18 |
| n77(3450-3550) | 30 | 20 | 633334 | 25@12 | CP_64QAM   | 19.21 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@1   | CP_64QAM   | 19.11 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@49  | CP_64QAM   | 19.23 |
| n77(3450-3550) | 30 | 20 | 633334 | 51@0  | CP_256QAM  | 16.1  |
| n77(3450-3550) | 30 | 20 | 633334 | 25@12 | CP_256QAM  | 16.2  |
| n77(3450-3550) | 30 | 20 | 633334 | 1@1   | CP_256QAM  | 15.88 |
| n77(3450-3550) | 30 | 20 | 633334 | 1@49  | CP_256QAM  | 15.96 |
| n77(3450-3550) | 30 | 20 | 636000 | 50@0  | DFT_BPSK   | 22.99 |
| n77(3450-3550) | 30 | 20 | 636000 | 25@12 | DFT_BPSK   | 23.03 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@1   | DFT_BPSK   | 22.84 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@49  | DFT_BPSK   | 22.84 |
| n77(3450-3550) | 30 | 20 | 636000 | 50@0  | DFT_QPSK   | 23.01 |
| n77(3450-3550) | 30 | 20 | 636000 | 25@12 | DFT_QPSK   | 23.01 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@1   | DFT_QPSK   | 22.88 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@49  | DFT_QPSK   | 22.84 |
| n77(3450-3550) | 30 | 20 | 636000 | 50@0  | DFT_16QAM  | 21.48 |
| n77(3450-3550) | 30 | 20 | 636000 | 25@12 | DFT_16QAM  | 22.52 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@1   | DFT_16QAM  | 22.58 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@49  | DFT_16QAM  | 22.54 |
| n77(3450-3550) | 30 | 20 | 636000 | 50@0  | DFT_64QAM  | 20.4  |
| n77(3450-3550) | 30 | 20 | 636000 | 25@12 | DFT_64QAM  | 20.48 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@1   | DFT_64QAM  | 20.19 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@49  | DFT_64QAM  | 20.18 |
| n77(3450-3550) | 30 | 20 | 636000 | 50@0  | DFT_256QAM | 18.59 |
| n77(3450-3550) | 30 | 20 | 636000 | 25@12 | DFT_256QAM | 18.66 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@1   | DFT_256QAM | 18.3  |
| n77(3450-3550) | 30 | 20 | 636000 | 1@49  | DFT_256QAM | 18.3  |
| n77(3450-3550) | 30 | 20 | 636000 | 51@0  | CP_QPSK    | 19.92 |
| n77(3450-3550) | 30 | 20 | 636000 | 25@12 | CP_QPSK    | 22.52 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@1   | CP_QPSK    | 22.27 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@49  | CP_QPSK    | 22.28 |
| n77(3450-3550) | 30 | 20 | 636000 | 51@0  | CP_16QAM   | 19.89 |
| n77(3450-3550) | 30 | 20 | 636000 | 25@12 | CP_16QAM   | 20.99 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@1   | CP_16QAM   | 20.86 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@49  | CP_16QAM   | 20.83 |
| n77(3450-3550) | 30 | 20 | 636000 | 51@0  | CP_64QAM   | 19.56 |
| n77(3450-3550) | 30 | 20 | 636000 | 25@12 | CP_64QAM   | 19.6  |
| n77(3450-3550) | 30 | 20 | 636000 | 1@1   | CP_64QAM   | 19.66 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@49  | CP_64QAM   | 19.63 |
| n77(3450-3550) | 30 | 20 | 636000 | 51@0  | CP_256QAM  | 16.52 |
| n77(3450-3550) | 30 | 20 | 636000 | 25@12 | CP_256QAM  | 16.63 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@1   | CP_256QAM  | 16.29 |
| n77(3450-3550) | 30 | 20 | 636000 | 1@49  | CP_256QAM  | 16.27 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3450-3550) | 30 | 40 | 631334 | 100@0 | DFT_BPSK   | 22.64 |
| n77(3450-3550) | 30 | 40 | 631334 | 50@25 | DFT_BPSK   | 22.81 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@1   | DFT_BPSK   | 22.49 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@104 | DFT_BPSK   | 21.94 |
| n77(3450-3550) | 30 | 40 | 631334 | 100@0 | DFT_QPSK   | 22.63 |
| n77(3450-3550) | 30 | 40 | 631334 | 50@25 | DFT_QPSK   | 22.76 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@1   | DFT_QPSK   | 22.52 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@104 | DFT_QPSK   | 21.95 |
| n77(3450-3550) | 30 | 40 | 631334 | 100@0 | DFT_16QAM  | 21.14 |
| n77(3450-3550) | 30 | 40 | 631334 | 50@25 | DFT_16QAM  | 22.31 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@1   | DFT_16QAM  | 22.25 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@104 | DFT_16QAM  | 21.65 |
| n77(3450-3550) | 30 | 40 | 631334 | 100@0 | DFT_64QAM  | 20.14 |
| n77(3450-3550) | 30 | 40 | 631334 | 50@25 | DFT_64QAM  | 20.24 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@1   | DFT_64QAM  | 19.86 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@104 | DFT_64QAM  | 19.26 |
| n77(3450-3550) | 30 | 40 | 631334 | 100@0 | DFT_256QAM | 18.23 |
| n77(3450-3550) | 30 | 40 | 631334 | 50@25 | DFT_256QAM | 18.39 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@1   | DFT_256QAM | 17.93 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@104 | DFT_256QAM | 17.34 |
| n77(3450-3550) | 30 | 40 | 631334 | 106@0 | CP_QPSK    | 19.72 |
| n77(3450-3550) | 30 | 40 | 631334 | 53@26 | CP_QPSK    | 22.24 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@1   | CP_QPSK    | 21.87 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@104 | CP_QPSK    | 21.32 |
| n77(3450-3550) | 30 | 40 | 631334 | 106@0 | CP_16QAM   | 19.7  |
| n77(3450-3550) | 30 | 40 | 631334 | 53@26 | CP_16QAM   | 20.72 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@1   | CP_16QAM   | 20.49 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@104 | CP_16QAM   | 19.9  |
| n77(3450-3550) | 30 | 40 | 631334 | 106@0 | CP_64QAM   | 19.21 |
| n77(3450-3550) | 30 | 40 | 631334 | 53@26 | CP_64QAM   | 19.39 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@1   | CP_64QAM   | 19.26 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@104 | CP_64QAM   | 18.63 |
| n77(3450-3550) | 30 | 40 | 631334 | 106@0 | CP_256QAM  | 16.2  |
| n77(3450-3550) | 30 | 40 | 631334 | 53@26 | CP_256QAM  | 16.35 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@1   | CP_256QAM  | 15.98 |
| n77(3450-3550) | 30 | 40 | 631334 | 1@104 | CP_256QAM  | 15.38 |
| n77(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_BPSK   | 22.48 |
| n77(3450-3550) | 30 | 40 | 633334 | 50@25 | DFT_BPSK   | 22.58 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@1   | DFT_BPSK   | 22.24 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@104 | DFT_BPSK   | 22.16 |
| n77(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_QPSK   | 22.46 |
| n77(3450-3550) | 30 | 40 | 633334 | 50@25 | DFT_QPSK   | 22.55 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@1   | DFT_QPSK   | 22.28 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@104 | DFT_QPSK   | 22.21 |
| n77(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_16QAM  | 20.97 |
| n77(3450-3550) | 30 | 40 | 633334 | 50@25 | DFT_16QAM  | 22.07 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@1   | DFT_16QAM  | 21.98 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@104 | DFT_16QAM  | 21.92 |
| n77(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_64QAM  | 19.96 |
| n77(3450-3550) | 30 | 40 | 633334 | 50@25 | DFT_64QAM  | 19.99 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@1   | DFT_64QAM  | 19.61 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@104 | DFT_64QAM  | 19.52 |
| n77(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_256QAM | 18.07 |
| n77(3450-3550) | 30 | 40 | 633334 | 50@25 | DFT_256QAM | 18.14 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@1   | DFT_256QAM | 17.77 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@104 | DFT_256QAM | 17.73 |
| n77(3450-3550) | 30 | 40 | 633334 | 106@0 | CP_QPSK    | 19.54 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3450-3550) | 30 | 40 | 633334 | 53@26 | CP_QPSK    | 22.02 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@1   | CP_QPSK    | 21.73 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@104 | CP_QPSK    | 21.64 |
| n77(3450-3550) | 30 | 40 | 633334 | 106@0 | CP_16QAM   | 19.52 |
| n77(3450-3550) | 30 | 40 | 633334 | 53@26 | CP_16QAM   | 20.5  |
| n77(3450-3550) | 30 | 40 | 633334 | 1@1   | CP_16QAM   | 20.28 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@104 | CP_16QAM   | 20.21 |
| n77(3450-3550) | 30 | 40 | 633334 | 106@0 | CP_64QAM   | 19.02 |
| n77(3450-3550) | 30 | 40 | 633334 | 53@26 | CP_64QAM   | 19.17 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@1   | CP_64QAM   | 18.89 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@104 | CP_64QAM   | 18.87 |
| n77(3450-3550) | 30 | 40 | 633334 | 106@0 | CP_256QAM  | 16.59 |
| n77(3450-3550) | 30 | 40 | 633334 | 53@26 | CP_256QAM  | 16.12 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@1   | CP_256QAM  | 16.42 |
| n77(3450-3550) | 30 | 40 | 633334 | 1@104 | CP_256QAM  | 15.64 |
| n77(3450-3550) | 30 | 40 | 635332 | 100@0 | DFT_BPSK   | 22.73 |
| n77(3450-3550) | 30 | 40 | 635332 | 50@25 | DFT_BPSK   | 22.85 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@1   | DFT_BPSK   | 22.4  |
| n77(3450-3550) | 30 | 40 | 635332 | 1@104 | DFT_BPSK   | 22.38 |
| n77(3450-3550) | 30 | 40 | 635332 | 100@0 | DFT_QPSK   | 22.71 |
| n77(3450-3550) | 30 | 40 | 635332 | 50@25 | DFT_QPSK   | 22.86 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@1   | DFT_QPSK   | 22.33 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@104 | DFT_QPSK   | 22.29 |
| n77(3450-3550) | 30 | 40 | 635332 | 100@0 | DFT_16QAM  | 21.21 |
| n77(3450-3550) | 30 | 40 | 635332 | 50@25 | DFT_16QAM  | 22.35 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@1   | DFT_16QAM  | 21.74 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@104 | DFT_16QAM  | 21.67 |
| n77(3450-3550) | 30 | 40 | 635332 | 100@0 | DFT_64QAM  | 20.18 |
| n77(3450-3550) | 30 | 40 | 635332 | 50@25 | DFT_64QAM  | 20.31 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@1   | DFT_64QAM  | 19.69 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@104 | DFT_64QAM  | 19.61 |
| n77(3450-3550) | 30 | 40 | 635332 | 100@0 | DFT_256QAM | 18.55 |
| n77(3450-3550) | 30 | 40 | 635332 | 50@25 | DFT_256QAM | 18.44 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@1   | DFT_256QAM | 17.93 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@104 | DFT_256QAM | 17.89 |
| n77(3450-3550) | 30 | 40 | 635332 | 106@0 | CP_QPSK    | 19.64 |
| n77(3450-3550) | 30 | 40 | 635332 | 53@26 | CP_QPSK    | 22.29 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@1   | CP_QPSK    | 21.87 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@104 | CP_QPSK    | 21.81 |
| n77(3450-3550) | 30 | 40 | 635332 | 106@0 | CP_16QAM   | 19.64 |
| n77(3450-3550) | 30 | 40 | 635332 | 53@26 | CP_16QAM   | 20.77 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@1   | CP_16QAM   | 20.5  |
| n77(3450-3550) | 30 | 40 | 635332 | 1@104 | CP_16QAM   | 20.46 |
| n77(3450-3550) | 30 | 40 | 635332 | 106@0 | CP_64QAM   | 19.28 |
| n77(3450-3550) | 30 | 40 | 635332 | 53@26 | CP_64QAM   | 19.43 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@1   | CP_64QAM   | 19.05 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@104 | CP_64QAM   | 19.26 |
| n77(3450-3550) | 30 | 40 | 635332 | 106@0 | CP_256QAM  | 16.28 |
| n77(3450-3550) | 30 | 40 | 635332 | 53@26 | CP_256QAM  | 15.69 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@1   | CP_256QAM  | 15.83 |
| n77(3450-3550) | 30 | 40 | 635332 | 1@104 | CP_256QAM  | 15.41 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3450-3550) | 30 | 50 | 631668 | 128@0 | DFT_BPSK   | 22.66 |
| n77(3450-3550) | 30 | 50 | 631668 | 64@32 | DFT_BPSK   | 22.74 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@1   | DFT_BPSK   | 22.75 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@131 | DFT_BPSK   | 22.19 |
| n77(3450-3550) | 30 | 50 | 631668 | 128@0 | DFT_QPSK   | 22.64 |
| n77(3450-3550) | 30 | 50 | 631668 | 64@32 | DFT_QPSK   | 22.72 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@1   | DFT_QPSK   | 22.75 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@131 | DFT_QPSK   | 22.17 |
| n77(3450-3550) | 30 | 50 | 631668 | 128@0 | DFT_16QAM  | 21.14 |
| n77(3450-3550) | 30 | 50 | 631668 | 64@32 | DFT_16QAM  | 22.24 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@1   | DFT_16QAM  | 22.13 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@131 | DFT_16QAM  | 21.57 |
| n77(3450-3550) | 30 | 50 | 631668 | 128@0 | DFT_64QAM  | 20.1  |
| n77(3450-3550) | 30 | 50 | 631668 | 64@32 | DFT_64QAM  | 20.19 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@1   | DFT_64QAM  | 20.02 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@131 | DFT_64QAM  | 19.47 |
| n77(3450-3550) | 30 | 50 | 631668 | 128@0 | DFT_256QAM | 18.27 |
| n77(3450-3550) | 30 | 50 | 631668 | 64@32 | DFT_256QAM | 18.53 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@1   | DFT_256QAM | 18.34 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@131 | DFT_256QAM | 18.69 |
| n77(3450-3550) | 30 | 50 | 631668 | 133@0 | CP_QPSK    | 19.7  |
| n77(3450-3550) | 30 | 50 | 631668 | 67@33 | CP_QPSK    | 22.19 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@1   | CP_QPSK    | 22.27 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@131 | CP_QPSK    | 21.68 |
| n77(3450-3550) | 30 | 50 | 631668 | 133@0 | CP_16QAM   | 19.72 |
| n77(3450-3550) | 30 | 50 | 631668 | 67@33 | CP_16QAM   | 20.65 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@1   | CP_16QAM   | 20.85 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@131 | CP_16QAM   | 20.25 |
| n77(3450-3550) | 30 | 50 | 631668 | 133@0 | CP_64QAM   | 19.24 |
| n77(3450-3550) | 30 | 50 | 631668 | 67@33 | CP_64QAM   | 19.36 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@1   | CP_64QAM   | 19.44 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@131 | CP_64QAM   | 19.59 |
| n77(3450-3550) | 30 | 50 | 631668 | 133@0 | CP_256QAM  | 16.18 |
| n77(3450-3550) | 30 | 50 | 631668 | 67@33 | CP_256QAM  | 16.42 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@1   | CP_256QAM  | 16.23 |
| n77(3450-3550) | 30 | 50 | 631668 | 1@131 | CP_256QAM  | 15.64 |
| n77(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_BPSK   | 22.57 |
| n77(3450-3550) | 30 | 50 | 633334 | 64@32 | DFT_BPSK   | 22.62 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@1   | DFT_BPSK   | 22.61 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@131 | DFT_BPSK   | 22.42 |
| n77(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_QPSK   | 22.59 |
| n77(3450-3550) | 30 | 50 | 633334 | 64@32 | DFT_QPSK   | 22.58 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@1   | DFT_QPSK   | 22.61 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@131 | DFT_QPSK   | 22.42 |
| n77(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_16QAM  | 21.08 |
| n77(3450-3550) | 30 | 50 | 633334 | 64@32 | DFT_16QAM  | 22.11 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@1   | DFT_16QAM  | 21.96 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@131 | DFT_16QAM  | 21.77 |
| n77(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_64QAM  | 20.06 |
| n77(3450-3550) | 30 | 50 | 633334 | 64@32 | DFT_64QAM  | 20.06 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@1   | DFT_64QAM  | 19.86 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@131 | DFT_64QAM  | 19.67 |
| n77(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_256QAM | 18.11 |
| n77(3450-3550) | 30 | 50 | 633334 | 64@32 | DFT_256QAM | 18.22 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@1   | DFT_256QAM | 18.17 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@131 | DFT_256QAM | 18.41 |
| n77(3450-3550) | 30 | 50 | 633334 | 133@0 | CP_QPSK    | 19.99 |





|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3450-3550) | 30 | 50 | 633334 | 67@33 | CP_QPSK    | 22.11 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@1   | CP_QPSK    | 22.14 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@131 | CP_QPSK    | 21.92 |
| n77(3450-3550) | 30 | 50 | 633334 | 133@0 | CP_16QAM   | 19.67 |
| n77(3450-3550) | 30 | 50 | 633334 | 67@33 | CP_16QAM   | 20.56 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@1   | CP_16QAM   | 20.68 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@131 | CP_16QAM   | 20.47 |
| n77(3450-3550) | 30 | 50 | 633334 | 133@0 | CP_64QAM   | 19.2  |
| n77(3450-3550) | 30 | 50 | 633334 | 67@33 | CP_64QAM   | 19.21 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@1   | CP_64QAM   | 19.35 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@131 | CP_64QAM   | 19.15 |
| n77(3450-3550) | 30 | 50 | 633334 | 133@0 | CP_256QAM  | 16.12 |
| n77(3450-3550) | 30 | 50 | 633334 | 67@33 | CP_256QAM  | 16.52 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@1   | CP_256QAM  | 16.12 |
| n77(3450-3550) | 30 | 50 | 633334 | 1@131 | CP_256QAM  | 16.25 |
| n77(3450-3550) | 30 | 50 | 635000 | 128@0 | DFT_BPSK   | 22.67 |
| n77(3450-3550) | 30 | 50 | 635000 | 64@32 | DFT_BPSK   | 22.71 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@1   | DFT_BPSK   | 22.45 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@131 | DFT_BPSK   | 22.5  |
| n77(3450-3550) | 30 | 50 | 635000 | 128@0 | DFT_QPSK   | 22.67 |
| n77(3450-3550) | 30 | 50 | 635000 | 64@32 | DFT_QPSK   | 22.7  |
| n77(3450-3550) | 30 | 50 | 635000 | 1@1   | DFT_QPSK   | 22.41 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@131 | DFT_QPSK   | 22.45 |
| n77(3450-3550) | 30 | 50 | 635000 | 128@0 | DFT_16QAM  | 21.15 |
| n77(3450-3550) | 30 | 50 | 635000 | 64@32 | DFT_16QAM  | 22.21 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@1   | DFT_16QAM  | 21.82 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@131 | DFT_16QAM  | 21.88 |
| n77(3450-3550) | 30 | 50 | 635000 | 128@0 | DFT_64QAM  | 20.13 |
| n77(3450-3550) | 30 | 50 | 635000 | 64@32 | DFT_64QAM  | 20.18 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@1   | DFT_64QAM  | 19.71 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@131 | DFT_64QAM  | 19.74 |
| n77(3450-3550) | 30 | 50 | 635000 | 128@0 | DFT_256QAM | 18.69 |
| n77(3450-3550) | 30 | 50 | 635000 | 64@32 | DFT_256QAM | 18.32 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@1   | DFT_256QAM | 18.49 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@131 | DFT_256QAM | 18.13 |
| n77(3450-3550) | 30 | 50 | 635000 | 133@0 | CP_QPSK    | 19.61 |
| n77(3450-3550) | 30 | 50 | 635000 | 67@33 | CP_QPSK    | 22.22 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@1   | CP_QPSK    | 21.96 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@131 | CP_QPSK    | 22.01 |
| n77(3450-3550) | 30 | 50 | 635000 | 133@0 | CP_16QAM   | 19.61 |
| n77(3450-3550) | 30 | 50 | 635000 | 67@33 | CP_16QAM   | 20.65 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@1   | CP_16QAM   | 20.55 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@131 | CP_16QAM   | 20.61 |
| n77(3450-3550) | 30 | 50 | 635000 | 133@0 | CP_64QAM   | 19.28 |
| n77(3450-3550) | 30 | 50 | 635000 | 67@33 | CP_64QAM   | 19.34 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@1   | CP_64QAM   | 19.13 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@131 | CP_64QAM   | 19.19 |
| n77(3450-3550) | 30 | 50 | 635000 | 133@0 | CP_256QAM  | 16.54 |
| n77(3450-3550) | 30 | 50 | 635000 | 67@33 | CP_256QAM  | 16.3  |
| n77(3450-3550) | 30 | 50 | 635000 | 1@1   | CP_256QAM  | 16.42 |
| n77(3450-3550) | 30 | 50 | 635000 | 1@131 | CP_256QAM  | 16.01 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3450-3550) | 30 | 60 | 632000 | 162@0 | DFT_BPSK   | 22.58 |
| n77(3450-3550) | 30 | 60 | 632000 | 81@40 | DFT_BPSK   | 22.66 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@1   | DFT_BPSK   | 22.64 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@160 | DFT_BPSK   | 22.14 |
| n77(3450-3550) | 30 | 60 | 632000 | 162@0 | DFT_QPSK   | 22.58 |
| n77(3450-3550) | 30 | 60 | 632000 | 81@40 | DFT_QPSK   | 22.65 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@1   | DFT_QPSK   | 22.64 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@160 | DFT_QPSK   | 22.18 |
| n77(3450-3550) | 30 | 60 | 632000 | 162@0 | DFT_16QAM  | 21.08 |
| n77(3450-3550) | 30 | 60 | 632000 | 81@40 | DFT_16QAM  | 22.17 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@1   | DFT_16QAM  | 21.97 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@160 | DFT_16QAM  | 21.53 |
| n77(3450-3550) | 30 | 60 | 632000 | 162@0 | DFT_64QAM  | 20.03 |
| n77(3450-3550) | 30 | 60 | 632000 | 81@40 | DFT_64QAM  | 20.13 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@1   | DFT_64QAM  | 19.9  |
| n77(3450-3550) | 30 | 60 | 632000 | 1@160 | DFT_64QAM  | 19.44 |
| n77(3450-3550) | 30 | 60 | 632000 | 162@0 | DFT_256QAM | 18.16 |
| n77(3450-3550) | 30 | 60 | 632000 | 81@40 | DFT_256QAM | 18.26 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@1   | DFT_256QAM | 18.22 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@160 | DFT_256QAM | 18.46 |
| n77(3450-3550) | 30 | 60 | 632000 | 162@0 | CP_QPSK    | 19.64 |
| n77(3450-3550) | 30 | 60 | 632000 | 81@40 | CP_QPSK    | 22.12 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@1   | CP_QPSK    | 22.16 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@160 | CP_QPSK    | 21.68 |
| n77(3450-3550) | 30 | 60 | 632000 | 162@0 | CP_16QAM   | 19.62 |
| n77(3450-3550) | 30 | 60 | 632000 | 81@40 | CP_16QAM   | 20.64 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@1   | CP_16QAM   | 20.73 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@160 | CP_16QAM   | 20.26 |
| n77(3450-3550) | 30 | 60 | 632000 | 162@0 | CP_64QAM   | 19.15 |
| n77(3450-3550) | 30 | 60 | 632000 | 81@40 | CP_64QAM   | 19.26 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@1   | CP_64QAM   | 19.4  |
| n77(3450-3550) | 30 | 60 | 632000 | 1@160 | CP_64QAM   | 19.06 |
| n77(3450-3550) | 30 | 60 | 632000 | 162@0 | CP_256QAM  | 16.12 |
| n77(3450-3550) | 30 | 60 | 632000 | 81@40 | CP_256QAM  | 16.52 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@1   | CP_256QAM  | 16.13 |
| n77(3450-3550) | 30 | 60 | 632000 | 1@160 | CP_256QAM  | 15.65 |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_BPSK   | 22.55 |
| n77(3450-3550) | 30 | 60 | 633334 | 81@40 | DFT_BPSK   | 22.6  |
| n77(3450-3550) | 30 | 60 | 633334 | 1@1   | DFT_BPSK   | 22.55 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@160 | DFT_BPSK   | 22.26 |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_QPSK   | 22.54 |
| n77(3450-3550) | 30 | 60 | 633334 | 81@40 | DFT_QPSK   | 22.59 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@1   | DFT_QPSK   | 22.55 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@160 | DFT_QPSK   | 22.25 |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_16QAM  | 21.05 |
| n77(3450-3550) | 30 | 60 | 633334 | 81@40 | DFT_16QAM  | 22.08 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@1   | DFT_16QAM  | 21.91 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@160 | DFT_16QAM  | 21.58 |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_64QAM  | 20.01 |
| n77(3450-3550) | 30 | 60 | 633334 | 81@40 | DFT_64QAM  | 20.04 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@1   | DFT_64QAM  | 19.81 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@160 | DFT_64QAM  | 19.5  |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_256QAM | 18.15 |
| n77(3450-3550) | 30 | 60 | 633334 | 81@40 | DFT_256QAM | 18.58 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@1   | DFT_256QAM | 18.19 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@160 | DFT_256QAM | 18.22 |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | CP_QPSK    | 19.63 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3450-3550) | 30 | 60 | 633334 | 81@40 | CP_QPSK    | 22.06 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@1   | CP_QPSK    | 22.09 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@160 | CP_QPSK    | 21.79 |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | CP_16QAM   | 19.6  |
| n77(3450-3550) | 30 | 60 | 633334 | 81@40 | CP_16QAM   | 20.56 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@1   | CP_16QAM   | 20.67 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@160 | CP_16QAM   | 20.38 |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | CP_64QAM   | 19.12 |
| n77(3450-3550) | 30 | 60 | 633334 | 81@40 | CP_64QAM   | 19.19 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@1   | CP_64QAM   | 19.31 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@160 | CP_64QAM   | 19.04 |
| n77(3450-3550) | 30 | 60 | 633334 | 162@0 | CP_256QAM  | 16.25 |
| n77(3450-3550) | 30 | 60 | 633334 | 81@40 | CP_256QAM  | 16.15 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@1   | CP_256QAM  | 16.23 |
| n77(3450-3550) | 30 | 60 | 633334 | 1@160 | CP_256QAM  | 15.73 |
| n77(3450-3550) | 30 | 60 | 634666 | 162@0 | DFT_BPSK   | 22.62 |
| n77(3450-3550) | 30 | 60 | 634666 | 81@40 | DFT_BPSK   | 22.74 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@1   | DFT_BPSK   | 22.22 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@160 | DFT_BPSK   | 22.33 |
| n77(3450-3550) | 30 | 60 | 634666 | 162@0 | DFT_QPSK   | 22.6  |
| n77(3450-3550) | 30 | 60 | 634666 | 81@40 | DFT_QPSK   | 22.73 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@1   | DFT_QPSK   | 22.2  |
| n77(3450-3550) | 30 | 60 | 634666 | 1@160 | DFT_QPSK   | 22.31 |
| n77(3450-3550) | 30 | 60 | 634666 | 162@0 | DFT_16QAM  | 21.12 |
| n77(3450-3550) | 30 | 60 | 634666 | 81@40 | DFT_16QAM  | 22.24 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@1   | DFT_16QAM  | 21.56 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@160 | DFT_16QAM  | 21.69 |
| n77(3450-3550) | 30 | 60 | 634666 | 162@0 | DFT_64QAM  | 20.08 |
| n77(3450-3550) | 30 | 60 | 634666 | 81@40 | DFT_64QAM  | 20.2  |
| n77(3450-3550) | 30 | 60 | 634666 | 1@1   | DFT_64QAM  | 19.45 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@160 | DFT_64QAM  | 19.57 |
| n77(3450-3550) | 30 | 60 | 634666 | 162@0 | DFT_256QAM | 18.02 |
| n77(3450-3550) | 30 | 60 | 634666 | 81@40 | DFT_256QAM | 18.33 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@1   | DFT_256QAM | 17.81 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@160 | DFT_256QAM | 17.92 |
| n77(3450-3550) | 30 | 60 | 634666 | 162@0 | CP_QPSK    | 19.55 |
| n77(3450-3550) | 30 | 60 | 634666 | 81@40 | CP_QPSK    | 22.18 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@1   | CP_QPSK    | 21.69 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@160 | CP_QPSK    | 21.79 |
| n77(3450-3550) | 30 | 60 | 634666 | 162@0 | CP_16QAM   | 19.5  |
| n77(3450-3550) | 30 | 60 | 634666 | 81@40 | CP_16QAM   | 20.7  |
| n77(3450-3550) | 30 | 60 | 634666 | 1@1   | CP_16QAM   | 20.27 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@160 | CP_16QAM   | 20.42 |
| n77(3450-3550) | 30 | 60 | 634666 | 162@0 | CP_64QAM   | 19.19 |
| n77(3450-3550) | 30 | 60 | 634666 | 81@40 | CP_64QAM   | 19.34 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@1   | CP_64QAM   | 18.91 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@160 | CP_64QAM   | 19.02 |
| n77(3450-3550) | 30 | 60 | 634666 | 162@0 | CP_256QAM  | 16.26 |
| n77(3450-3550) | 30 | 60 | 634666 | 81@40 | CP_256QAM  | 16.28 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@1   | CP_256QAM  | 15.73 |
| n77(3450-3550) | 30 | 60 | 634666 | 1@160 | CP_256QAM  | 15.81 |





|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3450-3550) | 30 | 70 | 632334 | 180@0 | DFT_BPSK   | 22.66 |
| n77(3450-3550) | 30 | 70 | 632334 | 90@45 | DFT_BPSK   | 22.67 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@1   | DFT_BPSK   | 22.65 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@187 | DFT_BPSK   | 22.21 |
| n77(3450-3550) | 30 | 70 | 632334 | 180@0 | DFT_QPSK   | 22.65 |
| n77(3450-3550) | 30 | 70 | 632334 | 90@45 | DFT_QPSK   | 22.67 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@1   | DFT_QPSK   | 22.62 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@187 | DFT_QPSK   | 22.19 |
| n77(3450-3550) | 30 | 70 | 632334 | 180@0 | DFT_16QAM  | 21.11 |
| n77(3450-3550) | 30 | 70 | 632334 | 90@45 | DFT_16QAM  | 22.15 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@1   | DFT_16QAM  | 21.98 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@187 | DFT_16QAM  | 21.56 |
| n77(3450-3550) | 30 | 70 | 632334 | 180@0 | DFT_64QAM  | 20.12 |
| n77(3450-3550) | 30 | 70 | 632334 | 90@45 | DFT_64QAM  | 20.13 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@1   | DFT_64QAM  | 19.86 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@187 | DFT_64QAM  | 19.4  |
| n77(3450-3550) | 30 | 70 | 632334 | 180@0 | DFT_256QAM | 18.81 |
| n77(3450-3550) | 30 | 70 | 632334 | 90@45 | DFT_256QAM | 18.28 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@1   | DFT_256QAM | 18.21 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@187 | DFT_256QAM | 17.81 |
| n77(3450-3550) | 30 | 70 | 632334 | 189@0 | CP_QPSK    | 19.57 |
| n77(3450-3550) | 30 | 70 | 632334 | 95@47 | CP_QPSK    | 22.13 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@1   | CP_QPSK    | 22.14 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@187 | CP_QPSK    | 21.73 |
| n77(3450-3550) | 30 | 70 | 632334 | 189@0 | CP_16QAM   | 19.57 |
| n77(3450-3550) | 30 | 70 | 632334 | 95@47 | CP_16QAM   | 20.62 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@1   | CP_16QAM   | 20.68 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@187 | CP_16QAM   | 20.23 |
| n77(3450-3550) | 30 | 70 | 632334 | 189@0 | CP_64QAM   | 19.28 |
| n77(3450-3550) | 30 | 70 | 632334 | 95@47 | CP_64QAM   | 19.27 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@1   | CP_64QAM   | 19.5  |
| n77(3450-3550) | 30 | 70 | 632334 | 1@187 | CP_64QAM   | 19.07 |
| n77(3450-3550) | 30 | 70 | 632334 | 189@0 | CP_256QAM  | 16.22 |
| n77(3450-3550) | 30 | 70 | 632334 | 95@47 | CP_256QAM  | 16.23 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@1   | CP_256QAM  | 16.19 |
| n77(3450-3550) | 30 | 70 | 632334 | 1@187 | CP_256QAM  | 16.2  |
| n77(3450-3550) | 30 | 70 | 633334 | 180@0 | DFT_BPSK   | 22.66 |
| n77(3450-3550) | 30 | 70 | 633334 | 90@45 | DFT_BPSK   | 22.66 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@1   | DFT_BPSK   | 22.57 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@187 | DFT_BPSK   | 22.28 |
| n77(3450-3550) | 30 | 70 | 633334 | 180@0 | DFT_QPSK   | 22.65 |
| n77(3450-3550) | 30 | 70 | 633334 | 90@45 | DFT_QPSK   | 22.68 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@1   | DFT_QPSK   | 22.58 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@187 | DFT_QPSK   | 22.25 |
| n77(3450-3550) | 30 | 70 | 633334 | 180@0 | DFT_16QAM  | 21.13 |
| n77(3450-3550) | 30 | 70 | 633334 | 90@45 | DFT_16QAM  | 22.14 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@1   | DFT_16QAM  | 21.92 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@187 | DFT_16QAM  | 21.58 |
| n77(3450-3550) | 30 | 70 | 633334 | 180@0 | DFT_64QAM  | 20.13 |
| n77(3450-3550) | 30 | 70 | 633334 | 90@45 | DFT_64QAM  | 20.08 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@1   | DFT_64QAM  | 19.77 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@187 | DFT_64QAM  | 19.46 |
| n77(3450-3550) | 30 | 70 | 633334 | 180@0 | DFT_256QAM | 18.29 |
| n77(3450-3550) | 30 | 70 | 633334 | 90@45 | DFT_256QAM | 18.24 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@1   | DFT_256QAM | 18.16 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@187 | DFT_256QAM | 18.23 |
| n77(3450-3550) | 30 | 70 | 633334 | 189@0 | CP_QPSK    | 19.58 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3450-3550) | 30 | 70 | 633334 | 95@47 | CP_QPSK    | 22.11 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@1   | CP_QPSK    | 22.21 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@187 | CP_QPSK    | 21.88 |
| n77(3450-3550) | 30 | 70 | 633334 | 189@0 | CP_16QAM   | 19.6  |
| n77(3450-3550) | 30 | 70 | 633334 | 95@47 | CP_16QAM   | 20.6  |
| n77(3450-3550) | 30 | 70 | 633334 | 1@1   | CP_16QAM   | 20.68 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@187 | CP_16QAM   | 20.33 |
| n77(3450-3550) | 30 | 70 | 633334 | 189@0 | CP_64QAM   | 19.25 |
| n77(3450-3550) | 30 | 70 | 633334 | 95@47 | CP_64QAM   | 19.24 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@1   | CP_64QAM   | 19.4  |
| n77(3450-3550) | 30 | 70 | 633334 | 1@187 | CP_64QAM   | 19.06 |
| n77(3450-3550) | 30 | 70 | 633334 | 189@0 | CP_256QAM  | 16.71 |
| n77(3450-3550) | 30 | 70 | 633334 | 95@47 | CP_256QAM  | 16.2  |
| n77(3450-3550) | 30 | 70 | 633334 | 1@1   | CP_256QAM  | 16.64 |
| n77(3450-3550) | 30 | 70 | 633334 | 1@187 | CP_256QAM  | 15.79 |
| n77(3450-3550) | 30 | 70 | 634332 | 180@0 | DFT_BPSK   | 22.68 |
| n77(3450-3550) | 30 | 70 | 634332 | 90@45 | DFT_BPSK   | 22.76 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@1   | DFT_BPSK   | 22.45 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@187 | DFT_BPSK   | 22.36 |
| n77(3450-3550) | 30 | 70 | 634332 | 180@0 | DFT_QPSK   | 22.65 |
| n77(3450-3550) | 30 | 70 | 634332 | 90@45 | DFT_QPSK   | 22.76 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@1   | DFT_QPSK   | 22.4  |
| n77(3450-3550) | 30 | 70 | 634332 | 1@187 | DFT_QPSK   | 22.31 |
| n77(3450-3550) | 30 | 70 | 634332 | 180@0 | DFT_16QAM  | 21.15 |
| n77(3450-3550) | 30 | 70 | 634332 | 90@45 | DFT_16QAM  | 22.23 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@1   | DFT_16QAM  | 21.8  |
| n77(3450-3550) | 30 | 70 | 634332 | 1@187 | DFT_16QAM  | 21.71 |
| n77(3450-3550) | 30 | 70 | 634332 | 180@0 | DFT_64QAM  | 20.12 |
| n77(3450-3550) | 30 | 70 | 634332 | 90@45 | DFT_64QAM  | 20.21 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@1   | DFT_64QAM  | 19.6  |
| n77(3450-3550) | 30 | 70 | 634332 | 1@187 | DFT_64QAM  | 19.53 |
| n77(3450-3550) | 30 | 70 | 634332 | 180@0 | DFT_256QAM | 18.31 |
| n77(3450-3550) | 30 | 70 | 634332 | 90@45 | DFT_256QAM | 18.26 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@1   | DFT_256QAM | 18.05 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@187 | DFT_256QAM | 18.4  |
| n77(3450-3550) | 30 | 70 | 634332 | 189@0 | CP_QPSK    | 19.58 |
| n77(3450-3550) | 30 | 70 | 634332 | 95@47 | CP_QPSK    | 22.23 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@1   | CP_QPSK    | 22.03 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@187 | CP_QPSK    | 21.97 |
| n77(3450-3550) | 30 | 70 | 634332 | 189@0 | CP_16QAM   | 19.6  |
| n77(3450-3550) | 30 | 70 | 634332 | 95@47 | CP_16QAM   | 20.71 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@1   | CP_16QAM   | 20.46 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@187 | CP_16QAM   | 20.43 |
| n77(3450-3550) | 30 | 70 | 634332 | 189@0 | CP_64QAM   | 19.27 |
| n77(3450-3550) | 30 | 70 | 634332 | 95@47 | CP_64QAM   | 19.37 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@1   | CP_64QAM   | 19.21 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@187 | CP_64QAM   | 19.15 |
| n77(3450-3550) | 30 | 70 | 634332 | 189@0 | CP_256QAM  | 16.51 |
| n77(3450-3550) | 30 | 70 | 634332 | 95@47 | CP_256QAM  | 16.33 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@1   | CP_256QAM  | 16.52 |
| n77(3450-3550) | 30 | 70 | 634332 | 1@187 | CP_256QAM  | 15.89 |



|                |    |    |        |        |            |       |
|----------------|----|----|--------|--------|------------|-------|
| n77(3450-3550) | 30 | 80 | 632668 | 216@0  | DFT_BPSK   | 22.24 |
| n77(3450-3550) | 30 | 80 | 632668 | 108@54 | DFT_BPSK   | 22.25 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@1    | DFT_BPSK   | 22    |
| n77(3450-3550) | 30 | 80 | 632668 | 1@215  | DFT_BPSK   | 21.81 |
| n77(3450-3550) | 30 | 80 | 632668 | 216@0  | DFT_QPSK   | 22.24 |
| n77(3450-3550) | 30 | 80 | 632668 | 108@54 | DFT_QPSK   | 22.26 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@1    | DFT_QPSK   | 21.97 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@215  | DFT_QPSK   | 21.79 |
| n77(3450-3550) | 30 | 80 | 632668 | 216@0  | DFT_16QAM  | 20.72 |
| n77(3450-3550) | 30 | 80 | 632668 | 108@54 | DFT_16QAM  | 21.75 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@1    | DFT_16QAM  | 21.38 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@215  | DFT_16QAM  | 21.18 |
| n77(3450-3550) | 30 | 80 | 632668 | 216@0  | DFT_64QAM  | 19.67 |
| n77(3450-3550) | 30 | 80 | 632668 | 108@54 | DFT_64QAM  | 19.71 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@1    | DFT_64QAM  | 19.37 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@215  | DFT_64QAM  | 19.16 |
| n77(3450-3550) | 30 | 80 | 632668 | 216@0  | DFT_256QAM | 17.7  |
| n77(3450-3550) | 30 | 80 | 632668 | 108@54 | DFT_256QAM | 17.86 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@1    | DFT_256QAM | 17.52 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@215  | DFT_256QAM | 17.56 |
| n77(3450-3550) | 30 | 80 | 632668 | 217@0  | CP_QPSK    | 19.17 |
| n77(3450-3550) | 30 | 80 | 632668 | 109@54 | CP_QPSK    | 21.72 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@1    | CP_QPSK    | 21.58 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@215  | CP_QPSK    | 21.38 |
| n77(3450-3550) | 30 | 80 | 632668 | 217@0  | CP_16QAM   | 19.14 |
| n77(3450-3550) | 30 | 80 | 632668 | 109@54 | CP_16QAM   | 20.17 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@1    | CP_16QAM   | 20.25 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@215  | CP_16QAM   | 20.09 |
| n77(3450-3550) | 30 | 80 | 632668 | 217@0  | CP_64QAM   | 17.59 |
| n77(3450-3550) | 30 | 80 | 632668 | 109@54 | CP_64QAM   | 18.84 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@1    | CP_64QAM   | 18.12 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@215  | CP_64QAM   | 18.62 |
| n77(3450-3550) | 30 | 80 | 632668 | 217@0  | CP_256QAM  | 15.16 |
| n77(3450-3550) | 30 | 80 | 632668 | 109@54 | CP_256QAM  | 15.86 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@1    | CP_256QAM  | 15.79 |
| n77(3450-3550) | 30 | 80 | 632668 | 1@215  | CP_256QAM  | 15.2  |
| n77(3450-3550) | 30 | 80 | 633334 | 216@0  | DFT_BPSK   | 22.28 |
| n77(3450-3550) | 30 | 80 | 633334 | 108@54 | DFT_BPSK   | 22.31 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@1    | DFT_BPSK   | 22.01 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@215  | DFT_BPSK   | 21.94 |
| n77(3450-3550) | 30 | 80 | 633334 | 216@0  | DFT_QPSK   | 22.27 |
| n77(3450-3550) | 30 | 80 | 633334 | 108@54 | DFT_QPSK   | 22.31 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@1    | DFT_QPSK   | 22.01 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@215  | DFT_QPSK   | 21.93 |
| n77(3450-3550) | 30 | 80 | 633334 | 216@0  | DFT_16QAM  | 20.76 |
| n77(3450-3550) | 30 | 80 | 633334 | 108@54 | DFT_16QAM  | 21.79 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@1    | DFT_16QAM  | 21.41 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@215  | DFT_16QAM  | 21.35 |
| n77(3450-3550) | 30 | 80 | 633334 | 216@0  | DFT_64QAM  | 19.73 |
| n77(3450-3550) | 30 | 80 | 633334 | 108@54 | DFT_64QAM  | 19.76 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@1    | DFT_64QAM  | 19.4  |
| n77(3450-3550) | 30 | 80 | 633334 | 1@215  | DFT_64QAM  | 19.3  |
| n77(3450-3550) | 30 | 80 | 633334 | 216@0  | DFT_256QAM | 16.99 |
| n77(3450-3550) | 30 | 80 | 633334 | 108@54 | DFT_256QAM | 17.94 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@1    | DFT_256QAM | 17.77 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@215  | DFT_256QAM | 17.11 |
| n77(3450-3550) | 30 | 80 | 633334 | 217@0  | CP_QPSK    | 19.19 |



|                |    |    |        |        |            |       |
|----------------|----|----|--------|--------|------------|-------|
| n77(3450-3550) | 30 | 80 | 633334 | 109@54 | CP_QPSK    | 21.81 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@1    | CP_QPSK    | 21.61 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@215  | CP_QPSK    | 21.5  |
| n77(3450-3550) | 30 | 80 | 633334 | 217@0  | CP_16QAM   | 19.2  |
| n77(3450-3550) | 30 | 80 | 633334 | 109@54 | CP_16QAM   | 20.29 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@1    | CP_16QAM   | 20.15 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@215  | CP_16QAM   | 20.04 |
| n77(3450-3550) | 30 | 80 | 633334 | 217@0  | CP_64QAM   | 18.9  |
| n77(3450-3550) | 30 | 80 | 633334 | 109@54 | CP_64QAM   | 18.9  |
| n77(3450-3550) | 30 | 80 | 633334 | 1@1    | CP_64QAM   | 18.37 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@215  | CP_64QAM   | 18.81 |
| n77(3450-3550) | 30 | 80 | 633334 | 217@0  | CP_256QAM  | 15.55 |
| n77(3450-3550) | 30 | 80 | 633334 | 109@54 | CP_256QAM  | 15.92 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@1    | CP_256QAM  | 15.85 |
| n77(3450-3550) | 30 | 80 | 633334 | 1@215  | CP_256QAM  | 15.69 |
| n77(3450-3550) | 30 | 80 | 634000 | 216@0  | DFT_BPSK   | 22.35 |
| n77(3450-3550) | 30 | 80 | 634000 | 108@54 | DFT_BPSK   | 22.44 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@1    | DFT_BPSK   | 22.05 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@215  | DFT_BPSK   | 22.01 |
| n77(3450-3550) | 30 | 80 | 634000 | 216@0  | DFT_QPSK   | 22.31 |
| n77(3450-3550) | 30 | 80 | 634000 | 108@54 | DFT_QPSK   | 22.44 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@1    | DFT_QPSK   | 21.98 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@215  | DFT_QPSK   | 21.93 |
| n77(3450-3550) | 30 | 80 | 634000 | 216@0  | DFT_16QAM  | 20.82 |
| n77(3450-3550) | 30 | 80 | 634000 | 108@54 | DFT_16QAM  | 21.96 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@1    | DFT_16QAM  | 21.71 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@215  | DFT_16QAM  | 21.68 |
| n77(3450-3550) | 30 | 80 | 634000 | 216@0  | DFT_64QAM  | 19.78 |
| n77(3450-3550) | 30 | 80 | 634000 | 108@54 | DFT_64QAM  | 19.89 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@1    | DFT_64QAM  | 19.33 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@215  | DFT_64QAM  | 19.3  |
| n77(3450-3550) | 30 | 80 | 634000 | 216@0  | DFT_256QAM | 17.97 |
| n77(3450-3550) | 30 | 80 | 634000 | 108@54 | DFT_256QAM | 17.15 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@1    | DFT_256QAM | 17.81 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@215  | DFT_256QAM | 17.56 |
| n77(3450-3550) | 30 | 80 | 634000 | 217@0  | CP_QPSK    | 19.23 |
| n77(3450-3550) | 30 | 80 | 634000 | 109@54 | CP_QPSK    | 21.91 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@1    | CP_QPSK    | 21.63 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@215  | CP_QPSK    | 21.57 |
| n77(3450-3550) | 30 | 80 | 634000 | 217@0  | CP_16QAM   | 19.25 |
| n77(3450-3550) | 30 | 80 | 634000 | 109@54 | CP_16QAM   | 20.39 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@1    | CP_16QAM   | 20.13 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@215  | CP_16QAM   | 20.13 |
| n77(3450-3550) | 30 | 80 | 634000 | 217@0  | CP_64QAM   | 18.95 |
| n77(3450-3550) | 30 | 80 | 634000 | 109@54 | CP_64QAM   | 18.37 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@1    | CP_64QAM   | 18.93 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@215  | CP_64QAM   | 18.21 |
| n77(3450-3550) | 30 | 80 | 634000 | 217@0  | CP_256QAM  | 15.93 |
| n77(3450-3550) | 30 | 80 | 634000 | 109@54 | CP_256QAM  | 16.03 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@1    | CP_256QAM  | 16.13 |
| n77(3450-3550) | 30 | 80 | 634000 | 1@215  | CP_256QAM  | 15.8  |



|                |    |    |        |        |            |       |
|----------------|----|----|--------|--------|------------|-------|
| n77(3450-3550) | 30 | 90 | 633000 | 240@0  | DFT_BPSK   | 22.29 |
| n77(3450-3550) | 30 | 90 | 633000 | 120@60 | DFT_BPSK   | 22.34 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@1    | DFT_BPSK   | 21.91 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@243  | DFT_BPSK   | 21.78 |
| n77(3450-3550) | 30 | 90 | 633000 | 240@0  | DFT_QPSK   | 22.27 |
| n77(3450-3550) | 30 | 90 | 633000 | 120@60 | DFT_QPSK   | 22.33 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@1    | DFT_QPSK   | 21.94 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@243  | DFT_QPSK   | 21.8  |
| n77(3450-3550) | 30 | 90 | 633000 | 240@0  | DFT_16QAM  | 20.74 |
| n77(3450-3550) | 30 | 90 | 633000 | 120@60 | DFT_16QAM  | 21.85 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@1    | DFT_16QAM  | 21.34 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@243  | DFT_16QAM  | 21.23 |
| n77(3450-3550) | 30 | 90 | 633000 | 240@0  | DFT_64QAM  | 19.76 |
| n77(3450-3550) | 30 | 90 | 633000 | 120@60 | DFT_64QAM  | 19.78 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@1    | DFT_64QAM  | 19.3  |
| n77(3450-3550) | 30 | 90 | 633000 | 1@243  | DFT_64QAM  | 19.17 |
| n77(3450-3550) | 30 | 90 | 633000 | 240@0  | DFT_256QAM | 17.95 |
| n77(3450-3550) | 30 | 90 | 633000 | 120@60 | DFT_256QAM | 17.41 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@1    | DFT_256QAM | 17.72 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@243  | DFT_256QAM | 17.31 |
| n77(3450-3550) | 30 | 90 | 633000 | 245@0  | CP_QPSK    | 19.56 |
| n77(3450-3550) | 30 | 90 | 633000 | 123@61 | CP_QPSK    | 21.83 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@1    | CP_QPSK    | 21.45 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@243  | CP_QPSK    | 21.31 |
| n77(3450-3550) | 30 | 90 | 633000 | 245@0  | CP_16QAM   | 19.22 |
| n77(3450-3550) | 30 | 90 | 633000 | 123@61 | CP_16QAM   | 20.3  |
| n77(3450-3550) | 30 | 90 | 633000 | 1@1    | CP_16QAM   | 19.99 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@243  | CP_16QAM   | 19.88 |
| n77(3450-3550) | 30 | 90 | 633000 | 245@0  | CP_64QAM   | 18.33 |
| n77(3450-3550) | 30 | 90 | 633000 | 123@61 | CP_64QAM   | 18.96 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@1    | CP_64QAM   | 18.18 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@243  | CP_64QAM   | 18.69 |
| n77(3450-3550) | 30 | 90 | 633000 | 245@0  | CP_256QAM  | 15.91 |
| n77(3450-3550) | 30 | 90 | 633000 | 123@61 | CP_256QAM  | 15.92 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@1    | CP_256QAM  | 15.81 |
| n77(3450-3550) | 30 | 90 | 633000 | 1@243  | CP_256QAM  | 15.26 |
| n77(3450-3550) | 30 | 90 | 633334 | 240@0  | DFT_BPSK   | 22.35 |
| n77(3450-3550) | 30 | 90 | 633334 | 120@60 | DFT_BPSK   | 22.44 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@1    | DFT_BPSK   | 21.92 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@243  | DFT_BPSK   | 21.85 |
| n77(3450-3550) | 30 | 90 | 633334 | 240@0  | DFT_QPSK   | 22.34 |
| n77(3450-3550) | 30 | 90 | 633334 | 120@60 | DFT_QPSK   | 22.43 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@1    | DFT_QPSK   | 21.96 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@243  | DFT_QPSK   | 21.9  |
| n77(3450-3550) | 30 | 90 | 633334 | 240@0  | DFT_16QAM  | 20.82 |
| n77(3450-3550) | 30 | 90 | 633334 | 120@60 | DFT_16QAM  | 21.93 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@1    | DFT_16QAM  | 21.36 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@243  | DFT_16QAM  | 21.3  |
| n77(3450-3550) | 30 | 90 | 633334 | 240@0  | DFT_64QAM  | 19.81 |
| n77(3450-3550) | 30 | 90 | 633334 | 120@60 | DFT_64QAM  | 19.89 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@1    | DFT_64QAM  | 19.32 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@243  | DFT_64QAM  | 19.22 |
| n77(3450-3550) | 30 | 90 | 633334 | 240@0  | DFT_256QAM | 18.01 |
| n77(3450-3550) | 30 | 90 | 633334 | 120@60 | DFT_256QAM | 17.58 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@1    | DFT_256QAM | 17.76 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@243  | DFT_256QAM | 17.26 |
| n77(3450-3550) | 30 | 90 | 633334 | 245@0  | CP_QPSK    | 19.26 |





|                |    |    |        |        |            |       |
|----------------|----|----|--------|--------|------------|-------|
| n77(3450-3550) | 30 | 90 | 633334 | 123@61 | CP_QPSK    | 21.85 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@1    | CP_QPSK    | 21.53 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@243  | CP_QPSK    | 21.42 |
| n77(3450-3550) | 30 | 90 | 633334 | 245@0  | CP_16QAM   | 19.28 |
| n77(3450-3550) | 30 | 90 | 633334 | 123@61 | CP_16QAM   | 20.37 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@1    | CP_16QAM   | 20.15 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@243  | CP_16QAM   | 20.02 |
| n77(3450-3550) | 30 | 90 | 633334 | 245@0  | CP_64QAM   | 19    |
| n77(3450-3550) | 30 | 90 | 633334 | 123@61 | CP_64QAM   | 19.03 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@1    | CP_64QAM   | 18.59 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@243  | CP_64QAM   | 18.64 |
| n77(3450-3550) | 30 | 90 | 633334 | 245@0  | CP_256QAM  | 15.37 |
| n77(3450-3550) | 30 | 90 | 633334 | 123@61 | CP_256QAM  | 15.97 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@1    | CP_256QAM  | 15.49 |
| n77(3450-3550) | 30 | 90 | 633334 | 1@243  | CP_256QAM  | 15.67 |
| n77(3450-3550) | 30 | 90 | 633666 | 240@0  | DFT_BPSK   | 22.4  |
| n77(3450-3550) | 30 | 90 | 633666 | 120@60 | DFT_BPSK   | 22.5  |
| n77(3450-3550) | 30 | 90 | 633666 | 1@1    | DFT_BPSK   | 22.05 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@243  | DFT_BPSK   | 21.9  |
| n77(3450-3550) | 30 | 90 | 633666 | 240@0  | DFT_QPSK   | 22.4  |
| n77(3450-3550) | 30 | 90 | 633666 | 120@60 | DFT_QPSK   | 22.49 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@1    | DFT_QPSK   | 22.09 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@243  | DFT_QPSK   | 21.95 |
| n77(3450-3550) | 30 | 90 | 633666 | 240@0  | DFT_16QAM  | 20.88 |
| n77(3450-3550) | 30 | 90 | 633666 | 120@60 | DFT_16QAM  | 21.96 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@1    | DFT_16QAM  | 21.48 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@243  | DFT_16QAM  | 21.35 |
| n77(3450-3550) | 30 | 90 | 633666 | 240@0  | DFT_64QAM  | 19.88 |
| n77(3450-3550) | 30 | 90 | 633666 | 120@60 | DFT_64QAM  | 19.92 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@1    | DFT_64QAM  | 19.41 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@243  | DFT_64QAM  | 19.28 |
| n77(3450-3550) | 30 | 90 | 633666 | 240@0  | DFT_256QAM | 18.39 |
| n77(3450-3550) | 30 | 90 | 633666 | 120@60 | DFT_256QAM | 18.11 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@1    | DFT_256QAM | 18.24 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@243  | DFT_256QAM | 17.74 |
| n77(3450-3550) | 30 | 90 | 633666 | 245@0  | CP_QPSK    | 19.33 |
| n77(3450-3550) | 30 | 90 | 633666 | 123@61 | CP_QPSK    | 21.96 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@1    | CP_QPSK    | 21.56 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@243  | CP_QPSK    | 21.52 |
| n77(3450-3550) | 30 | 90 | 633666 | 245@0  | CP_16QAM   | 19.33 |
| n77(3450-3550) | 30 | 90 | 633666 | 123@61 | CP_16QAM   | 20.46 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@1    | CP_16QAM   | 20.14 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@243  | CP_16QAM   | 20.1  |
| n77(3450-3550) | 30 | 90 | 633666 | 245@0  | CP_64QAM   | 19.04 |
| n77(3450-3550) | 30 | 90 | 633666 | 123@61 | CP_64QAM   | 19.11 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@1    | CP_64QAM   | 19.4  |
| n77(3450-3550) | 30 | 90 | 633666 | 1@243  | CP_64QAM   | 18.91 |
| n77(3450-3550) | 30 | 90 | 633666 | 245@0  | CP_256QAM  | 16.37 |
| n77(3450-3550) | 30 | 90 | 633666 | 123@61 | CP_256QAM  | 16.08 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@1    | CP_256QAM  | 16.27 |
| n77(3450-3550) | 30 | 90 | 633666 | 1@243  | CP_256QAM  | 15.84 |



|                |    |     |        |        |            |       |
|----------------|----|-----|--------|--------|------------|-------|
| n77(3450-3550) | 30 | 100 | 633334 | 270@0  | DFT_BPSK   | 23.4  |
| n77(3450-3550) | 30 | 100 | 633334 | 135@67 | DFT_BPSK   | 23.47 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@1    | DFT_BPSK   | 22.9  |
| n77(3450-3550) | 30 | 100 | 633334 | 1@271  | DFT_BPSK   | 22.71 |
| n77(3450-3550) | 30 | 100 | 633334 | 270@0  | DFT_QPSK   | 23.39 |
| n77(3450-3550) | 30 | 100 | 633334 | 135@67 | DFT_QPSK   | 23.47 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@1    | DFT_QPSK   | 22.93 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@271  | DFT_QPSK   | 22.77 |
| n77(3450-3550) | 30 | 100 | 633334 | 270@0  | DFT_16QAM  | 21.84 |
| n77(3450-3550) | 30 | 100 | 633334 | 135@67 | DFT_16QAM  | 22.97 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@1    | DFT_16QAM  | 22.37 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@271  | DFT_16QAM  | 22.16 |
| n77(3450-3550) | 30 | 100 | 633334 | 270@0  | DFT_64QAM  | 20.8  |
| n77(3450-3550) | 30 | 100 | 633334 | 135@67 | DFT_64QAM  | 20.92 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@1    | DFT_64QAM  | 20.23 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@271  | DFT_64QAM  | 20.06 |
| n77(3450-3550) | 30 | 100 | 633334 | 270@0  | DFT_256QAM | 19.03 |
| n77(3450-3550) | 30 | 100 | 633334 | 135@67 | DFT_256QAM | 18.56 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@1    | DFT_256QAM | 18.74 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@271  | DFT_256QAM | 18.1  |
| n77(3450-3550) | 30 | 100 | 633334 | 273@0  | CP_QPSK    | 20.28 |
| n77(3450-3550) | 30 | 100 | 633334 | 137@68 | CP_QPSK    | 22.94 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@1    | CP_QPSK    | 22.41 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@271  | CP_QPSK    | 22.24 |
| n77(3450-3550) | 30 | 100 | 633334 | 273@0  | CP_16QAM   | 20.29 |
| n77(3450-3550) | 30 | 100 | 633334 | 137@68 | CP_16QAM   | 21.41 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@1    | CP_16QAM   | 20.93 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@271  | CP_16QAM   | 20.8  |
| n77(3450-3550) | 30 | 100 | 633334 | 273@0  | CP_64QAM   | 20.02 |
| n77(3450-3550) | 30 | 100 | 633334 | 137@68 | CP_64QAM   | 20.07 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@1    | CP_64QAM   | 19.9  |
| n77(3450-3550) | 30 | 100 | 633334 | 1@271  | CP_64QAM   | 19.5  |
| n77(3450-3550) | 30 | 100 | 633334 | 273@0  | CP_256QAM  | 16.95 |
| n77(3450-3550) | 30 | 100 | 633334 | 137@68 | CP_256QAM  | 16.52 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@1    | CP_256QAM  | 16.74 |
| n77(3450-3550) | 30 | 100 | 633334 | 1@271  | CP_256QAM  | 16.63 |



| Band           | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Power (dBm) |
|----------------|-----------|-----------------|------------|---------------|------------|-------------|
| n77(3700-3980) | 30        | 10              | 647000     | 24@0          | DFT_BPSK   | 22.15       |
| n77(3700-3980) | 30        | 10              | 647000     | 12@6          | DFT_BPSK   | 22.19       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@1           | DFT_BPSK   | 22.11       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@22          | DFT_BPSK   | 22.11       |
| n77(3700-3980) | 30        | 10              | 647000     | 24@0          | DFT_QPSK   | 22.17       |
| n77(3700-3980) | 30        | 10              | 647000     | 12@6          | DFT_QPSK   | 22.17       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@1           | DFT_QPSK   | 22.12       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@22          | DFT_QPSK   | 22.09       |
| n77(3700-3980) | 30        | 10              | 647000     | 24@0          | DFT_16QAM  | 20.62       |
| n77(3700-3980) | 30        | 10              | 647000     | 12@6          | DFT_16QAM  | 21.69       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@1           | DFT_16QAM  | 21.53       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@22          | DFT_16QAM  | 21.54       |
| n77(3700-3980) | 30        | 10              | 647000     | 24@0          | DFT_64QAM  | 19.56       |
| n77(3700-3980) | 30        | 10              | 647000     | 12@6          | DFT_64QAM  | 19.63       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@1           | DFT_64QAM  | 19.44       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@22          | DFT_64QAM  | 19.46       |
| n77(3700-3980) | 30        | 10              | 647000     | 24@0          | DFT_256QAM | 17.23       |
| n77(3700-3980) | 30        | 10              | 647000     | 12@6          | DFT_256QAM | 17.74       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@1           | DFT_256QAM | 17.78       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@22          | DFT_256QAM | 17.76       |
| n77(3700-3980) | 30        | 10              | 647000     | 24@0          | CP_QPSK    | 19.1        |
| n77(3700-3980) | 30        | 10              | 647000     | 12@6          | CP_QPSK    | 21.66       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@1           | CP_QPSK    | 21.64       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@22          | CP_QPSK    | 21.64       |
| n77(3700-3980) | 30        | 10              | 647000     | 24@0          | CP_16QAM   | 19.12       |
| n77(3700-3980) | 30        | 10              | 647000     | 12@6          | CP_16QAM   | 20.23       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@1           | CP_16QAM   | 20.23       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@22          | CP_16QAM   | 20.24       |
| n77(3700-3980) | 30        | 10              | 647000     | 24@0          | CP_64QAM   | 18.59       |
| n77(3700-3980) | 30        | 10              | 647000     | 12@6          | CP_64QAM   | 18.46       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@1           | CP_64QAM   | 18.61       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@22          | CP_64QAM   | 18.2        |
| n77(3700-3980) | 30        | 10              | 647000     | 24@0          | CP_256QAM  | 15.78       |
| n77(3700-3980) | 30        | 10              | 647000     | 12@6          | CP_256QAM  | 15.8        |
| n77(3700-3980) | 30        | 10              | 647000     | 1@1           | CP_256QAM  | 15.68       |
| n77(3700-3980) | 30        | 10              | 647000     | 1@22          | CP_256QAM  | 15.65       |
| n77(3700-3980) | 30        | 10              | 656000     | 24@0          | DFT_BPSK   | 22.33       |
| n77(3700-3980) | 30        | 10              | 656000     | 12@6          | DFT_BPSK   | 22.36       |
| n77(3700-3980) | 30        | 10              | 656000     | 1@1           | DFT_BPSK   | 22.22       |
| n77(3700-3980) | 30        | 10              | 656000     | 1@22          | DFT_BPSK   | 22.38       |
| n77(3700-3980) | 30        | 10              | 656000     | 24@0          | DFT_QPSK   | 22.34       |
| n77(3700-3980) | 30        | 10              | 656000     | 12@6          | DFT_QPSK   | 22.37       |
| n77(3700-3980) | 30        | 10              | 656000     | 1@1           | DFT_QPSK   | 22.17       |
| n77(3700-3980) | 30        | 10              | 656000     | 1@22          | DFT_QPSK   | 22.32       |
| n77(3700-3980) | 30        | 10              | 656000     | 24@0          | DFT_16QAM  | 20.81       |
| n77(3700-3980) | 30        | 10              | 656000     | 12@6          | DFT_16QAM  | 21.86       |
| n77(3700-3980) | 30        | 10              | 656000     | 1@1           | DFT_16QAM  | 21.88       |
| n77(3700-3980) | 30        | 10              | 656000     | 1@22          | DFT_16QAM  | 22          |
| n77(3700-3980) | 30        | 10              | 656000     | 24@0          | DFT_64QAM  | 19.78       |
| n77(3700-3980) | 30        | 10              | 656000     | 12@6          | DFT_64QAM  | 19.82       |
| n77(3700-3980) | 30        | 10              | 656000     | 1@1           | DFT_64QAM  | 19.57       |
| n77(3700-3980) | 30        | 10              | 656000     | 1@22          | DFT_64QAM  | 19.7        |
| n77(3700-3980) | 30        | 10              | 656000     | 24@0          | DFT_256QAM | 17.49       |
| n77(3700-3980) | 30        | 10              | 656000     | 12@6          | DFT_256QAM | 17.71       |
| n77(3700-3980) | 30        | 10              | 656000     | 1@1           | DFT_256QAM | 17.73       |





|                |    |    |        |      |            |       |
|----------------|----|----|--------|------|------------|-------|
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | DFT_256QAM | 17.88 |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | CP_QPSK    | 19.25 |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | CP_QPSK    | 21.82 |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1  | CP_QPSK    | 21.72 |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | CP_QPSK    | 21.86 |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | CP_16QAM   | 19.27 |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | CP_16QAM   | 20.41 |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1  | CP_16QAM   | 20.26 |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | CP_16QAM   | 20.41 |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | CP_64QAM   | 18.81 |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | CP_64QAM   | 18.88 |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1  | CP_64QAM   | 18.87 |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | CP_64QAM   | 19.02 |
| n77(3700-3980) | 30 | 10 | 656000 | 24@0 | CP_256QAM  | 15.92 |
| n77(3700-3980) | 30 | 10 | 656000 | 12@6 | CP_256QAM  | 15.92 |
| n77(3700-3980) | 30 | 10 | 656000 | 1@1  | CP_256QAM  | 15.94 |
| n77(3700-3980) | 30 | 10 | 656000 | 1@22 | CP_256QAM  | 16.06 |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_BPSK   | 22.56 |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_BPSK   | 22.61 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1  | DFT_BPSK   | 22.4  |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_BPSK   | 22.65 |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_QPSK   | 22.6  |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_QPSK   | 22.59 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1  | DFT_QPSK   | 22.4  |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_QPSK   | 22.63 |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_16QAM  | 21.09 |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_16QAM  | 22.11 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1  | DFT_16QAM  | 21.96 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_16QAM  | 22.19 |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_64QAM  | 20.01 |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_64QAM  | 20.06 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1  | DFT_64QAM  | 19.71 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_64QAM  | 19.94 |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | DFT_256QAM | 17.56 |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | DFT_256QAM | 17.99 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1  | DFT_256QAM | 17.66 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | DFT_256QAM | 18.19 |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | CP_QPSK    | 19.56 |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | CP_QPSK    | 22.04 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1  | CP_QPSK    | 21.82 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | CP_QPSK    | 22.02 |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | CP_16QAM   | 19.51 |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | CP_16QAM   | 20.63 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1  | CP_16QAM   | 20.47 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | CP_16QAM   | 20.65 |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | CP_64QAM   | 19.07 |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | CP_64QAM   | 19.15 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1  | CP_64QAM   | 19.03 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | CP_64QAM   | 19.25 |
| n77(3700-3980) | 30 | 10 | 665000 | 24@0 | CP_256QAM  | 16.2  |
| n77(3700-3980) | 30 | 10 | 665000 | 12@6 | CP_256QAM  | 16.19 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@1  | CP_256QAM  | 16.09 |
| n77(3700-3980) | 30 | 10 | 665000 | 1@22 | CP_256QAM  | 16.34 |



|                |    |    |        |      |            |       |
|----------------|----|----|--------|------|------------|-------|
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_BPSK   | 22.22 |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_BPSK   | 22.26 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1  | DFT_BPSK   | 22.13 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_BPSK   | 22.1  |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_QPSK   | 22.23 |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_QPSK   | 22.27 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1  | DFT_QPSK   | 22.13 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_QPSK   | 22.1  |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_16QAM  | 20.69 |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_16QAM  | 21.7  |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1  | DFT_16QAM  | 21.59 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_16QAM  | 21.61 |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_64QAM  | 19.68 |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_64QAM  | 19.71 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1  | DFT_64QAM  | 19.38 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_64QAM  | 19.37 |
| n77(3700-3980) | 30 | 15 | 647168 | 36@0 | DFT_256QAM | 17.77 |
| n77(3700-3980) | 30 | 15 | 647168 | 18@9 | DFT_256QAM | 17.79 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1  | DFT_256QAM | 17.76 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | DFT_256QAM | 17.73 |
| n77(3700-3980) | 30 | 15 | 647168 | 38@0 | CP_QPSK    | 19.18 |
| n77(3700-3980) | 30 | 15 | 647168 | 19@9 | CP_QPSK    | 21.71 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1  | CP_QPSK    | 21.59 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | CP_QPSK    | 21.57 |
| n77(3700-3980) | 30 | 15 | 647168 | 38@0 | CP_16QAM   | 19.14 |
| n77(3700-3980) | 30 | 15 | 647168 | 19@9 | CP_16QAM   | 20.23 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1  | CP_16QAM   | 20.19 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | CP_16QAM   | 20.16 |
| n77(3700-3980) | 30 | 15 | 647168 | 38@0 | CP_64QAM   | 18.71 |
| n77(3700-3980) | 30 | 15 | 647168 | 19@9 | CP_64QAM   | 18.66 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1  | CP_64QAM   | 18.68 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | CP_64QAM   | 18.64 |
| n77(3700-3980) | 30 | 15 | 647168 | 38@0 | CP_256QAM  | 15.79 |
| n77(3700-3980) | 30 | 15 | 647168 | 19@9 | CP_256QAM  | 15.78 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@1  | CP_256QAM  | 15.81 |
| n77(3700-3980) | 30 | 15 | 647168 | 1@36 | CP_256QAM  | 15.6  |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_BPSK   | 22.4  |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_BPSK   | 22.42 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1  | DFT_BPSK   | 22.2  |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_BPSK   | 22.43 |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_QPSK   | 22.36 |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_QPSK   | 22.41 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1  | DFT_QPSK   | 22.14 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_QPSK   | 22.34 |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_16QAM  | 20.85 |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_16QAM  | 21.86 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1  | DFT_16QAM  | 21.85 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_16QAM  | 22.07 |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_64QAM  | 19.87 |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_64QAM  | 19.85 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1  | DFT_64QAM  | 19.48 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_64QAM  | 19.67 |
| n77(3700-3980) | 30 | 15 | 656000 | 36@0 | DFT_256QAM | 17.85 |
| n77(3700-3980) | 30 | 15 | 656000 | 18@9 | DFT_256QAM | 17.41 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1  | DFT_256QAM | 17.84 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | DFT_256QAM | 17.7  |
| n77(3700-3980) | 30 | 15 | 656000 | 38@0 | CP_QPSK    | 19.32 |



|                |    |    |        |      |            |       |
|----------------|----|----|--------|------|------------|-------|
| n77(3700-3980) | 30 | 15 | 656000 | 19@9 | CP_QPSK    | 21.81 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1  | CP_QPSK    | 21.76 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | CP_QPSK    | 21.93 |
| n77(3700-3980) | 30 | 15 | 656000 | 38@0 | CP_16QAM   | 19.35 |
| n77(3700-3980) | 30 | 15 | 656000 | 19@9 | CP_16QAM   | 20.34 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1  | CP_16QAM   | 20.22 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | CP_16QAM   | 20.41 |
| n77(3700-3980) | 30 | 15 | 656000 | 38@0 | CP_64QAM   | 18.86 |
| n77(3700-3980) | 30 | 15 | 656000 | 19@9 | CP_64QAM   | 18.83 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1  | CP_64QAM   | 18.79 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | CP_64QAM   | 18.98 |
| n77(3700-3980) | 30 | 15 | 656000 | 38@0 | CP_256QAM  | 15.96 |
| n77(3700-3980) | 30 | 15 | 656000 | 19@9 | CP_256QAM  | 15.93 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@1  | CP_256QAM  | 15.91 |
| n77(3700-3980) | 30 | 15 | 656000 | 1@36 | CP_256QAM  | 16.13 |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_BPSK   | 22.55 |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_BPSK   | 22.55 |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1  | DFT_BPSK   | 22.3  |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_BPSK   | 22.63 |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_QPSK   | 22.53 |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_QPSK   | 22.54 |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1  | DFT_QPSK   | 22.27 |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_QPSK   | 22.6  |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_16QAM  | 21.08 |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_16QAM  | 22    |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1  | DFT_16QAM  | 21.73 |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_16QAM  | 22.08 |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_64QAM  | 20.02 |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_64QAM  | 20.04 |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1  | DFT_64QAM  | 19.58 |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_64QAM  | 19.92 |
| n77(3700-3980) | 30 | 15 | 664832 | 36@0 | DFT_256QAM | 17.97 |
| n77(3700-3980) | 30 | 15 | 664832 | 18@9 | DFT_256QAM | 17.93 |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1  | DFT_256QAM | 17.78 |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | DFT_256QAM | 18.13 |
| n77(3700-3980) | 30 | 15 | 664832 | 38@0 | CP_QPSK    | 19.53 |
| n77(3700-3980) | 30 | 15 | 664832 | 19@9 | CP_QPSK    | 22.04 |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1  | CP_QPSK    | 21.71 |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | CP_QPSK    | 22    |
| n77(3700-3980) | 30 | 15 | 664832 | 38@0 | CP_16QAM   | 19.46 |
| n77(3700-3980) | 30 | 15 | 664832 | 19@9 | CP_16QAM   | 20.5  |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1  | CP_16QAM   | 20.34 |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | CP_16QAM   | 20.67 |
| n77(3700-3980) | 30 | 15 | 664832 | 38@0 | CP_64QAM   | 19.07 |
| n77(3700-3980) | 30 | 15 | 664832 | 19@9 | CP_64QAM   | 19    |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1  | CP_64QAM   | 18.86 |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | CP_64QAM   | 19.19 |
| n77(3700-3980) | 30 | 15 | 664832 | 38@0 | CP_256QAM  | 16.14 |
| n77(3700-3980) | 30 | 15 | 664832 | 19@9 | CP_256QAM  | 16.11 |
| n77(3700-3980) | 30 | 15 | 664832 | 1@1  | CP_256QAM  | 16    |
| n77(3700-3980) | 30 | 15 | 664832 | 1@36 | CP_256QAM  | 16.32 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3700-3980) | 30 | 20 | 647334 | 50@0  | DFT_BPSK   | 22.19 |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_BPSK   | 22.22 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1   | DFT_BPSK   | 22.07 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49  | DFT_BPSK   | 22.03 |
| n77(3700-3980) | 30 | 20 | 647334 | 50@0  | DFT_QPSK   | 22.21 |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_QPSK   | 22.21 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1   | DFT_QPSK   | 22.1  |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49  | DFT_QPSK   | 22.03 |
| n77(3700-3980) | 30 | 20 | 647334 | 50@0  | DFT_16QAM  | 20.65 |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_16QAM  | 21.67 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1   | DFT_16QAM  | 21.58 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49  | DFT_16QAM  | 21.52 |
| n77(3700-3980) | 30 | 20 | 647334 | 50@0  | DFT_64QAM  | 19.65 |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_64QAM  | 19.69 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1   | DFT_64QAM  | 19.35 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49  | DFT_64QAM  | 19.28 |
| n77(3700-3980) | 30 | 20 | 647334 | 50@0  | DFT_256QAM | 17.78 |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | DFT_256QAM | 17.85 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1   | DFT_256QAM | 17.72 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49  | DFT_256QAM | 17.65 |
| n77(3700-3980) | 30 | 20 | 647334 | 51@0  | CP_QPSK    | 19.11 |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | CP_QPSK    | 21.67 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1   | CP_QPSK    | 21.6  |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49  | CP_QPSK    | 21.54 |
| n77(3700-3980) | 30 | 20 | 647334 | 51@0  | CP_16QAM   | 19.09 |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | CP_16QAM   | 20.22 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1   | CP_16QAM   | 20.09 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49  | CP_16QAM   | 20.01 |
| n77(3700-3980) | 30 | 20 | 647334 | 51@0  | CP_64QAM   | 18.58 |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | CP_64QAM   | 18.68 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1   | CP_64QAM   | 18.66 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49  | CP_64QAM   | 18.59 |
| n77(3700-3980) | 30 | 20 | 647334 | 51@0  | CP_256QAM  | 15.78 |
| n77(3700-3980) | 30 | 20 | 647334 | 25@12 | CP_256QAM  | 15.82 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@1   | CP_256QAM  | 15.79 |
| n77(3700-3980) | 30 | 20 | 647334 | 1@49  | CP_256QAM  | 15.7  |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0  | DFT_BPSK   | 22.43 |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_BPSK   | 22.41 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1   | DFT_BPSK   | 22.17 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49  | DFT_BPSK   | 22.43 |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0  | DFT_QPSK   | 22.39 |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_QPSK   | 22.39 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1   | DFT_QPSK   | 22.17 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49  | DFT_QPSK   | 22.42 |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0  | DFT_16QAM  | 20.84 |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_16QAM  | 21.89 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1   | DFT_16QAM  | 21.67 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49  | DFT_16QAM  | 21.95 |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0  | DFT_64QAM  | 19.87 |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_64QAM  | 19.91 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1   | DFT_64QAM  | 19.47 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49  | DFT_64QAM  | 19.74 |
| n77(3700-3980) | 30 | 20 | 656000 | 50@0  | DFT_256QAM | 17.83 |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | DFT_256QAM | 17.88 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1   | DFT_256QAM | 17.77 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49  | DFT_256QAM | 17.92 |
| n77(3700-3980) | 30 | 20 | 656000 | 51@0  | CP_QPSK    | 19.32 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | CP_QPSK    | 21.91 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1   | CP_QPSK    | 21.67 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49  | CP_QPSK    | 21.86 |
| n77(3700-3980) | 30 | 20 | 656000 | 51@0  | CP_16QAM   | 19.33 |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | CP_16QAM   | 20.35 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1   | CP_16QAM   | 20.25 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49  | CP_16QAM   | 20.48 |
| n77(3700-3980) | 30 | 20 | 656000 | 51@0  | CP_64QAM   | 18.83 |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | CP_64QAM   | 18.91 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1   | CP_64QAM   | 18.62 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49  | CP_64QAM   | 18.85 |
| n77(3700-3980) | 30 | 20 | 656000 | 51@0  | CP_256QAM  | 15.99 |
| n77(3700-3980) | 30 | 20 | 656000 | 25@12 | CP_256QAM  | 15.98 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@1   | CP_256QAM  | 15.71 |
| n77(3700-3980) | 30 | 20 | 656000 | 1@49  | CP_256QAM  | 16.03 |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0  | DFT_BPSK   | 22.49 |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_BPSK   | 22.53 |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1   | DFT_BPSK   | 22.18 |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49  | DFT_BPSK   | 22.59 |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0  | DFT_QPSK   | 22.51 |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_QPSK   | 22.5  |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1   | DFT_QPSK   | 22.2  |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49  | DFT_QPSK   | 22.57 |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0  | DFT_16QAM  | 20.96 |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_16QAM  | 22    |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1   | DFT_16QAM  | 21.66 |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49  | DFT_16QAM  | 22.08 |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0  | DFT_64QAM  | 19.99 |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_64QAM  | 20.05 |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1   | DFT_64QAM  | 19.52 |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49  | DFT_64QAM  | 19.9  |
| n77(3700-3980) | 30 | 20 | 664666 | 50@0  | DFT_256QAM | 17.93 |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | DFT_256QAM | 18    |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1   | DFT_256QAM | 17.68 |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49  | DFT_256QAM | 18.1  |
| n77(3700-3980) | 30 | 20 | 664666 | 51@0  | CP_QPSK    | 19.42 |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | CP_QPSK    | 22    |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1   | CP_QPSK    | 21.58 |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49  | CP_QPSK    | 21.97 |
| n77(3700-3980) | 30 | 20 | 664666 | 51@0  | CP_16QAM   | 19.45 |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | CP_16QAM   | 20.51 |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1   | CP_16QAM   | 20.26 |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49  | CP_16QAM   | 20.68 |
| n77(3700-3980) | 30 | 20 | 664666 | 51@0  | CP_64QAM   | 18.91 |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | CP_64QAM   | 19.01 |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1   | CP_64QAM   | 18.76 |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49  | CP_64QAM   | 19.19 |
| n77(3700-3980) | 30 | 20 | 664666 | 51@0  | CP_256QAM  | 16.08 |
| n77(3700-3980) | 30 | 20 | 664666 | 25@12 | CP_256QAM  | 16.12 |
| n77(3700-3980) | 30 | 20 | 664666 | 1@1   | CP_256QAM  | 15.9  |
| n77(3700-3980) | 30 | 20 | 664666 | 1@49  | CP_256QAM  | 16.27 |





|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_BPSK   | 22.11 |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_BPSK   | 22.25 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1   | DFT_BPSK   | 21.78 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_BPSK   | 21.81 |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_QPSK   | 22.11 |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_QPSK   | 22.24 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1   | DFT_QPSK   | 21.8  |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_QPSK   | 21.79 |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_16QAM  | 20.56 |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_16QAM  | 21.69 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1   | DFT_16QAM  | 21.29 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_16QAM  | 21.28 |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_64QAM  | 19.56 |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_64QAM  | 19.71 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1   | DFT_64QAM  | 19.1  |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_64QAM  | 19.09 |
| n77(3700-3980) | 30 | 40 | 648000 | 100@0 | DFT_256QAM | 17.73 |
| n77(3700-3980) | 30 | 40 | 648000 | 50@25 | DFT_256QAM | 17.84 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1   | DFT_256QAM | 17.39 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | DFT_256QAM | 17.42 |
| n77(3700-3980) | 30 | 40 | 648000 | 106@0 | CP_QPSK    | 19.03 |
| n77(3700-3980) | 30 | 40 | 648000 | 53@26 | CP_QPSK    | 21.7  |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1   | CP_QPSK    | 21.33 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | CP_QPSK    | 21.3  |
| n77(3700-3980) | 30 | 40 | 648000 | 106@0 | CP_16QAM   | 19.05 |
| n77(3700-3980) | 30 | 40 | 648000 | 53@26 | CP_16QAM   | 20.18 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1   | CP_16QAM   | 19.87 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | CP_16QAM   | 19.88 |
| n77(3700-3980) | 30 | 40 | 648000 | 106@0 | CP_64QAM   | 18.54 |
| n77(3700-3980) | 30 | 40 | 648000 | 53@26 | CP_64QAM   | 18.7  |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1   | CP_64QAM   | 18.53 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | CP_64QAM   | 18.42 |
| n77(3700-3980) | 30 | 40 | 648000 | 106@0 | CP_256QAM  | 15.36 |
| n77(3700-3980) | 30 | 40 | 648000 | 53@26 | CP_256QAM  | 15.77 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@1   | CP_256QAM  | 15.55 |
| n77(3700-3980) | 30 | 40 | 648000 | 1@104 | CP_256QAM  | 15.45 |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_BPSK   | 22.3  |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_BPSK   | 22.38 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1   | DFT_BPSK   | 21.7  |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_BPSK   | 22.17 |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_QPSK   | 22.28 |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_QPSK   | 22.39 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1   | DFT_QPSK   | 21.69 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_QPSK   | 22.14 |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_16QAM  | 20.74 |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_16QAM  | 21.87 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1   | DFT_16QAM  | 21.19 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_16QAM  | 21.66 |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_64QAM  | 19.74 |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_64QAM  | 19.89 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1   | DFT_64QAM  | 19.06 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_64QAM  | 19.56 |
| n77(3700-3980) | 30 | 40 | 656000 | 100@0 | DFT_256QAM | 17.9  |
| n77(3700-3980) | 30 | 40 | 656000 | 50@25 | DFT_256QAM | 18    |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1   | DFT_256QAM | 17.31 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | DFT_256QAM | 17.72 |
| n77(3700-3980) | 30 | 40 | 656000 | 106@0 | CP_QPSK    | 19.23 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3700-3980) | 30 | 40 | 656000 | 53@26 | CP_QPSK    | 21.88 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1   | CP_QPSK    | 21.21 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | CP_QPSK    | 21.66 |
| n77(3700-3980) | 30 | 40 | 656000 | 106@0 | CP_16QAM   | 19.23 |
| n77(3700-3980) | 30 | 40 | 656000 | 53@26 | CP_16QAM   | 20.34 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1   | CP_16QAM   | 19.78 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | CP_16QAM   | 20.28 |
| n77(3700-3980) | 30 | 40 | 656000 | 106@0 | CP_64QAM   | 18.72 |
| n77(3700-3980) | 30 | 40 | 656000 | 53@26 | CP_64QAM   | 18.87 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1   | CP_64QAM   | 18.31 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | CP_64QAM   | 18.87 |
| n77(3700-3980) | 30 | 40 | 656000 | 106@0 | CP_256QAM  | 15.87 |
| n77(3700-3980) | 30 | 40 | 656000 | 53@26 | CP_256QAM  | 15.97 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@1   | CP_256QAM  | 15.39 |
| n77(3700-3980) | 30 | 40 | 656000 | 1@104 | CP_256QAM  | 15.87 |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_BPSK   | 22.25 |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_BPSK   | 22.41 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1   | DFT_BPSK   | 21.42 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_BPSK   | 22.33 |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_QPSK   | 22.2  |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_QPSK   | 22.37 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1   | DFT_QPSK   | 21.43 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_QPSK   | 22.32 |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_16QAM  | 20.71 |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_16QAM  | 21.85 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1   | DFT_16QAM  | 21.01 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_16QAM  | 21.87 |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_64QAM  | 19.72 |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_64QAM  | 19.88 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1   | DFT_64QAM  | 18.82 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_64QAM  | 19.72 |
| n77(3700-3980) | 30 | 40 | 664000 | 100@0 | DFT_256QAM | 17.74 |
| n77(3700-3980) | 30 | 40 | 664000 | 50@25 | DFT_256QAM | 17.88 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1   | DFT_256QAM | 16.95 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | DFT_256QAM | 17.91 |
| n77(3700-3980) | 30 | 40 | 664000 | 106@0 | CP_QPSK    | 19.22 |
| n77(3700-3980) | 30 | 40 | 664000 | 53@26 | CP_QPSK    | 21.82 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1   | CP_QPSK    | 20.87 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | CP_QPSK    | 21.75 |
| n77(3700-3980) | 30 | 40 | 664000 | 106@0 | CP_16QAM   | 19.2  |
| n77(3700-3980) | 30 | 40 | 664000 | 53@26 | CP_16QAM   | 20.36 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1   | CP_16QAM   | 19.48 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | CP_16QAM   | 20.36 |
| n77(3700-3980) | 30 | 40 | 664000 | 106@0 | CP_64QAM   | 18.71 |
| n77(3700-3980) | 30 | 40 | 664000 | 53@26 | CP_64QAM   | 18.87 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1   | CP_64QAM   | 18.02 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | CP_64QAM   | 18.85 |
| n77(3700-3980) | 30 | 40 | 664000 | 106@0 | CP_256QAM  | 15.86 |
| n77(3700-3980) | 30 | 40 | 664000 | 53@26 | CP_256QAM  | 15.98 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@1   | CP_256QAM  | 14.97 |
| n77(3700-3980) | 30 | 40 | 664000 | 1@104 | CP_256QAM  | 15.91 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_BPSK   | 22.27 |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_BPSK   | 22.3  |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1   | DFT_BPSK   | 22.11 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_BPSK   | 22.27 |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_QPSK   | 22.25 |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_QPSK   | 22.28 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1   | DFT_QPSK   | 22.06 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_QPSK   | 22.23 |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_16QAM  | 20.7  |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_16QAM  | 21.77 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1   | DFT_16QAM  | 21.73 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_16QAM  | 21.9  |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_64QAM  | 19.7  |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_64QAM  | 19.75 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1   | DFT_64QAM  | 19.41 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_64QAM  | 19.59 |
| n77(3700-3980) | 30 | 50 | 648334 | 128@0 | DFT_256QAM | 17.88 |
| n77(3700-3980) | 30 | 50 | 648334 | 64@32 | DFT_256QAM | 17.87 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1   | DFT_256QAM | 17.75 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | DFT_256QAM | 17.92 |
| n77(3700-3980) | 30 | 50 | 648334 | 133@0 | CP_QPSK    | 19.23 |
| n77(3700-3980) | 30 | 50 | 648334 | 67@33 | CP_QPSK    | 21.81 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1   | CP_QPSK    | 21.56 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | CP_QPSK    | 21.73 |
| n77(3700-3980) | 30 | 50 | 648334 | 133@0 | CP_16QAM   | 19.23 |
| n77(3700-3980) | 30 | 50 | 648334 | 67@33 | CP_16QAM   | 20.3  |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1   | CP_16QAM   | 20.18 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | CP_16QAM   | 20.3  |
| n77(3700-3980) | 30 | 50 | 648334 | 133@0 | CP_64QAM   | 18.74 |
| n77(3700-3980) | 30 | 50 | 648334 | 67@33 | CP_64QAM   | 18.8  |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1   | CP_64QAM   | 18.91 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | CP_64QAM   | 18.88 |
| n77(3700-3980) | 30 | 50 | 648334 | 133@0 | CP_256QAM  | 15.88 |
| n77(3700-3980) | 30 | 50 | 648334 | 67@33 | CP_256QAM  | 15.89 |
| n77(3700-3980) | 30 | 50 | 648334 | 1@1   | CP_256QAM  | 15.8  |
| n77(3700-3980) | 30 | 50 | 648334 | 1@131 | CP_256QAM  | 15.95 |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_BPSK   | 22.39 |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_BPSK   | 22.44 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1   | DFT_BPSK   | 21.9  |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_BPSK   | 22.53 |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_QPSK   | 22.34 |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_QPSK   | 22.45 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1   | DFT_QPSK   | 21.91 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_QPSK   | 22.53 |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_16QAM  | 20.84 |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_16QAM  | 21.95 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1   | DFT_16QAM  | 21.38 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_16QAM  | 22.02 |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_64QAM  | 19.8  |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_64QAM  | 19.89 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1   | DFT_64QAM  | 19.23 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_64QAM  | 19.81 |
| n77(3700-3980) | 30 | 50 | 656000 | 128@0 | DFT_256QAM | 17.99 |
| n77(3700-3980) | 30 | 50 | 656000 | 64@32 | DFT_256QAM | 18.03 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1   | DFT_256QAM | 17.53 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | DFT_256QAM | 18.02 |
| n77(3700-3980) | 30 | 50 | 656000 | 133@0 | CP_QPSK    | 19.36 |





|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3700-3980) | 30 | 50 | 656000 | 67@33 | CP_QPSK    | 21.93 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1   | CP_QPSK    | 21.4  |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | CP_QPSK    | 22    |
| n77(3700-3980) | 30 | 50 | 656000 | 133@0 | CP_16QAM   | 19.37 |
| n77(3700-3980) | 30 | 50 | 656000 | 67@33 | CP_16QAM   | 20.43 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1   | CP_16QAM   | 19.98 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | CP_16QAM   | 20.59 |
| n77(3700-3980) | 30 | 50 | 656000 | 133@0 | CP_64QAM   | 18.87 |
| n77(3700-3980) | 30 | 50 | 656000 | 67@33 | CP_64QAM   | 18.96 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1   | CP_64QAM   | 18.54 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | CP_64QAM   | 19.13 |
| n77(3700-3980) | 30 | 50 | 656000 | 133@0 | CP_256QAM  | 15.99 |
| n77(3700-3980) | 30 | 50 | 656000 | 67@33 | CP_256QAM  | 16.02 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@1   | CP_256QAM  | 15.61 |
| n77(3700-3980) | 30 | 50 | 656000 | 1@131 | CP_256QAM  | 16.19 |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_BPSK   | 22.08 |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_BPSK   | 22.13 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1   | DFT_BPSK   | 21.6  |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_BPSK   | 22.48 |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_QPSK   | 22.08 |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_QPSK   | 22.18 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1   | DFT_QPSK   | 21.62 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_QPSK   | 22.45 |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_16QAM  | 20.54 |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_16QAM  | 21.61 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1   | DFT_16QAM  | 21.15 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_16QAM  | 21.96 |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_64QAM  | 19.53 |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_64QAM  | 19.62 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1   | DFT_64QAM  | 18.93 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_64QAM  | 19.79 |
| n77(3700-3980) | 30 | 50 | 663666 | 128@0 | DFT_256QAM | 17.54 |
| n77(3700-3980) | 30 | 50 | 663666 | 64@32 | DFT_256QAM | 17.6  |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1   | DFT_256QAM | 17.07 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | DFT_256QAM | 17.98 |
| n77(3700-3980) | 30 | 50 | 663666 | 133@0 | CP_QPSK    | 19.07 |
| n77(3700-3980) | 30 | 50 | 663666 | 67@33 | CP_QPSK    | 21.64 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1   | CP_QPSK    | 21.05 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | CP_QPSK    | 21.98 |
| n77(3700-3980) | 30 | 50 | 663666 | 133@0 | CP_16QAM   | 19.07 |
| n77(3700-3980) | 30 | 50 | 663666 | 67@33 | CP_16QAM   | 20.17 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1   | CP_16QAM   | 19.64 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | CP_16QAM   | 20.5  |
| n77(3700-3980) | 30 | 50 | 663666 | 133@0 | CP_64QAM   | 18.58 |
| n77(3700-3980) | 30 | 50 | 663666 | 67@33 | CP_64QAM   | 18.66 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1   | CP_64QAM   | 18.21 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | CP_64QAM   | 19.11 |
| n77(3700-3980) | 30 | 50 | 663666 | 133@0 | CP_256QAM  | 15.71 |
| n77(3700-3980) | 30 | 50 | 663666 | 67@33 | CP_256QAM  | 15.74 |
| n77(3700-3980) | 30 | 50 | 663666 | 1@1   | CP_256QAM  | 15.3  |
| n77(3700-3980) | 30 | 50 | 663666 | 1@131 | CP_256QAM  | 16.18 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_BPSK   | 22.32 |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_BPSK   | 22.36 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1   | DFT_BPSK   | 22.01 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_BPSK   | 22.15 |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_QPSK   | 22.3  |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_QPSK   | 22.35 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1   | DFT_QPSK   | 22.04 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_QPSK   | 22.18 |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_16QAM  | 20.76 |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_16QAM  | 21.81 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1   | DFT_16QAM  | 21.4  |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_16QAM  | 21.57 |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_64QAM  | 19.75 |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_64QAM  | 19.81 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1   | DFT_64QAM  | 19.36 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_64QAM  | 19.51 |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | DFT_256QAM | 17.29 |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | DFT_256QAM | 17.94 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1   | DFT_256QAM | 17.55 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | DFT_256QAM | 17.86 |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | CP_QPSK    | 19.23 |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | CP_QPSK    | 21.84 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1   | CP_QPSK    | 21.48 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | CP_QPSK    | 21.59 |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | CP_16QAM   | 19.23 |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | CP_16QAM   | 20.34 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1   | CP_16QAM   | 20.01 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | CP_16QAM   | 20.17 |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | CP_64QAM   | 18.24 |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | CP_64QAM   | 18.8  |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1   | CP_64QAM   | 18.56 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | CP_64QAM   | 18.8  |
| n77(3700-3980) | 30 | 60 | 648668 | 162@0 | CP_256QAM  | 15.66 |
| n77(3700-3980) | 30 | 60 | 648668 | 81@40 | CP_256QAM  | 15.91 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@1   | CP_256QAM  | 15.44 |
| n77(3700-3980) | 30 | 60 | 648668 | 1@160 | CP_256QAM  | 15.86 |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_BPSK   | 22.37 |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_BPSK   | 22.46 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1   | DFT_BPSK   | 21.73 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_BPSK   | 22.35 |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_QPSK   | 22.32 |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_QPSK   | 22.4  |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1   | DFT_QPSK   | 21.74 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_QPSK   | 22.37 |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_16QAM  | 20.82 |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_16QAM  | 21.93 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1   | DFT_16QAM  | 21.12 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_16QAM  | 21.75 |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_64QAM  | 19.82 |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_64QAM  | 19.95 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1   | DFT_64QAM  | 19.05 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_64QAM  | 19.69 |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | DFT_256QAM | 18.19 |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | DFT_256QAM | 18.06 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1   | DFT_256QAM | 18.11 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | DFT_256QAM | 17.88 |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | CP_QPSK    | 19.28 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | CP_QPSK    | 21.93 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1   | CP_QPSK    | 21.22 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | CP_QPSK    | 21.88 |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | CP_16QAM   | 19.29 |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | CP_16QAM   | 20.46 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1   | CP_16QAM   | 19.78 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | CP_16QAM   | 20.39 |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | CP_64QAM   | 18.45 |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | CP_64QAM   | 18.9  |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1   | CP_64QAM   | 18.25 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | CP_64QAM   | 18.98 |
| n77(3700-3980) | 30 | 60 | 656000 | 162@0 | CP_256QAM  | 16.21 |
| n77(3700-3980) | 30 | 60 | 656000 | 81@40 | CP_256QAM  | 16.02 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@1   | CP_256QAM  | 16.14 |
| n77(3700-3980) | 30 | 60 | 656000 | 1@160 | CP_256QAM  | 16.09 |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | DFT_BPSK   | 22.12 |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_BPSK   | 22.17 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1   | DFT_BPSK   | 21.68 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_BPSK   | 22.41 |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | DFT_QPSK   | 22.09 |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_QPSK   | 22.15 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1   | DFT_QPSK   | 21.62 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_QPSK   | 22.41 |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | DFT_16QAM  | 20.61 |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_16QAM  | 21.62 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1   | DFT_16QAM  | 21.03 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_16QAM  | 21.76 |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | DFT_64QAM  | 19.58 |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_64QAM  | 19.64 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1   | DFT_64QAM  | 19    |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_64QAM  | 19.76 |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | DFT_256QAM | 17.58 |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | DFT_256QAM | 17.05 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1   | DFT_256QAM | 17.17 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | DFT_256QAM | 17.89 |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | CP_QPSK    | 19.07 |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | CP_QPSK    | 21.58 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1   | CP_QPSK    | 21.08 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | CP_QPSK    | 21.8  |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | CP_16QAM   | 19.1  |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | CP_16QAM   | 20.07 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1   | CP_16QAM   | 19.7  |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | CP_16QAM   | 20.44 |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | CP_64QAM   | 18.6  |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | CP_64QAM   | 18.61 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1   | CP_64QAM   | 18.22 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | CP_64QAM   | 19    |
| n77(3700-3980) | 30 | 60 | 663332 | 162@0 | CP_256QAM  | 15.7  |
| n77(3700-3980) | 30 | 60 | 663332 | 81@40 | CP_256QAM  | 15.6  |
| n77(3700-3980) | 30 | 60 | 663332 | 1@1   | CP_256QAM  | 15.34 |
| n77(3700-3980) | 30 | 60 | 663332 | 1@160 | CP_256QAM  | 15.26 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3700-3980) | 30 | 70 | 649000 | 180@0 | DFT_BPSK   | 22.49 |
| n77(3700-3980) | 30 | 70 | 649000 | 90@45 | DFT_BPSK   | 22.52 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@1   | DFT_BPSK   | 22.11 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@187 | DFT_BPSK   | 22.38 |
| n77(3700-3980) | 30 | 70 | 649000 | 180@0 | DFT_QPSK   | 22.48 |
| n77(3700-3980) | 30 | 70 | 649000 | 90@45 | DFT_QPSK   | 22.51 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@1   | DFT_QPSK   | 22.12 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@187 | DFT_QPSK   | 22.36 |
| n77(3700-3980) | 30 | 70 | 649000 | 180@0 | DFT_16QAM  | 20.97 |
| n77(3700-3980) | 30 | 70 | 649000 | 90@45 | DFT_16QAM  | 22    |
| n77(3700-3980) | 30 | 70 | 649000 | 1@1   | DFT_16QAM  | 21.49 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@187 | DFT_16QAM  | 21.72 |
| n77(3700-3980) | 30 | 70 | 649000 | 180@0 | DFT_64QAM  | 19.94 |
| n77(3700-3980) | 30 | 70 | 649000 | 90@45 | DFT_64QAM  | 19.97 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@1   | DFT_64QAM  | 19.43 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@187 | DFT_64QAM  | 19.68 |
| n77(3700-3980) | 30 | 70 | 649000 | 180@0 | DFT_256QAM | 18.36 |
| n77(3700-3980) | 30 | 70 | 649000 | 90@45 | DFT_256QAM | 18.14 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@1   | DFT_256QAM | 18.55 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@187 | DFT_256QAM | 18.06 |
| n77(3700-3980) | 30 | 70 | 649000 | 189@0 | CP_QPSK    | 19.41 |
| n77(3700-3980) | 30 | 70 | 649000 | 95@47 | CP_QPSK    | 21.97 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@1   | CP_QPSK    | 21.68 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@187 | CP_QPSK    | 21.93 |
| n77(3700-3980) | 30 | 70 | 649000 | 189@0 | CP_16QAM   | 19.42 |
| n77(3700-3980) | 30 | 70 | 649000 | 95@47 | CP_16QAM   | 20.47 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@1   | CP_16QAM   | 20.1  |
| n77(3700-3980) | 30 | 70 | 649000 | 1@187 | CP_16QAM   | 20.4  |
| n77(3700-3980) | 30 | 70 | 649000 | 189@0 | CP_64QAM   | 18.9  |
| n77(3700-3980) | 30 | 70 | 649000 | 95@47 | CP_64QAM   | 18.93 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@1   | CP_64QAM   | 18.66 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@187 | CP_64QAM   | 18.9  |
| n77(3700-3980) | 30 | 70 | 649000 | 189@0 | CP_256QAM  | 16.05 |
| n77(3700-3980) | 30 | 70 | 649000 | 95@47 | CP_256QAM  | 16.39 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@1   | CP_256QAM  | 15.81 |
| n77(3700-3980) | 30 | 70 | 649000 | 1@187 | CP_256QAM  | 15.99 |
| n77(3700-3980) | 30 | 70 | 656000 | 180@0 | DFT_BPSK   | 22.44 |
| n77(3700-3980) | 30 | 70 | 656000 | 90@45 | DFT_BPSK   | 22.54 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@1   | DFT_BPSK   | 21.78 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@187 | DFT_BPSK   | 22.42 |
| n77(3700-3980) | 30 | 70 | 656000 | 180@0 | DFT_QPSK   | 22.44 |
| n77(3700-3980) | 30 | 70 | 656000 | 90@45 | DFT_QPSK   | 22.53 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@1   | DFT_QPSK   | 21.73 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@187 | DFT_QPSK   | 22.35 |
| n77(3700-3980) | 30 | 70 | 656000 | 180@0 | DFT_16QAM  | 20.91 |
| n77(3700-3980) | 30 | 70 | 656000 | 90@45 | DFT_16QAM  | 22.03 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@1   | DFT_16QAM  | 21.11 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@187 | DFT_16QAM  | 21.75 |
| n77(3700-3980) | 30 | 70 | 656000 | 180@0 | DFT_64QAM  | 19.92 |
| n77(3700-3980) | 30 | 70 | 656000 | 90@45 | DFT_64QAM  | 19.99 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@1   | DFT_64QAM  | 19.07 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@187 | DFT_64QAM  | 19.75 |
| n77(3700-3980) | 30 | 70 | 656000 | 180@0 | DFT_256QAM | 17.33 |
| n77(3700-3980) | 30 | 70 | 656000 | 90@45 | DFT_256QAM | 17.99 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@1   | DFT_256QAM | 17.21 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@187 | DFT_256QAM | 17.82 |
| n77(3700-3980) | 30 | 70 | 656000 | 189@0 | CP_QPSK    | 19.38 |



|                |    |    |        |       |            |       |
|----------------|----|----|--------|-------|------------|-------|
| n77(3700-3980) | 30 | 70 | 656000 | 95@47 | CP_QPSK    | 22.03 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@1   | CP_QPSK    | 21.32 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@187 | CP_QPSK    | 21.94 |
| n77(3700-3980) | 30 | 70 | 656000 | 189@0 | CP_16QAM   | 19.39 |
| n77(3700-3980) | 30 | 70 | 656000 | 95@47 | CP_16QAM   | 20.52 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@1   | CP_16QAM   | 19.71 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@187 | CP_16QAM   | 20.42 |
| n77(3700-3980) | 30 | 70 | 656000 | 189@0 | CP_64QAM   | 19.24 |
| n77(3700-3980) | 30 | 70 | 656000 | 95@47 | CP_64QAM   | 19.01 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@1   | CP_64QAM   | 19.56 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@187 | CP_64QAM   | 18.96 |
| n77(3700-3980) | 30 | 70 | 656000 | 189@0 | CP_256QAM  | 16.25 |
| n77(3700-3980) | 30 | 70 | 656000 | 95@47 | CP_256QAM  | 16.14 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@1   | CP_256QAM  | 16.31 |
| n77(3700-3980) | 30 | 70 | 656000 | 1@187 | CP_256QAM  | 16.1  |
| n77(3700-3980) | 30 | 70 | 663000 | 180@0 | DFT_BPSK   | 22.17 |
| n77(3700-3980) | 30 | 70 | 663000 | 90@45 | DFT_BPSK   | 22.13 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@1   | DFT_BPSK   | 21.72 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@187 | DFT_BPSK   | 22.39 |
| n77(3700-3980) | 30 | 70 | 663000 | 180@0 | DFT_QPSK   | 22.16 |
| n77(3700-3980) | 30 | 70 | 663000 | 90@45 | DFT_QPSK   | 22.12 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@1   | DFT_QPSK   | 21.68 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@187 | DFT_QPSK   | 22.39 |
| n77(3700-3980) | 30 | 70 | 663000 | 180@0 | DFT_16QAM  | 20.65 |
| n77(3700-3980) | 30 | 70 | 663000 | 90@45 | DFT_16QAM  | 21.61 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@1   | DFT_16QAM  | 21.08 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@187 | DFT_16QAM  | 21.77 |
| n77(3700-3980) | 30 | 70 | 663000 | 180@0 | DFT_64QAM  | 19.63 |
| n77(3700-3980) | 30 | 70 | 663000 | 90@45 | DFT_64QAM  | 19.6  |
| n77(3700-3980) | 30 | 70 | 663000 | 1@1   | DFT_64QAM  | 19.1  |
| n77(3700-3980) | 30 | 70 | 663000 | 1@187 | DFT_64QAM  | 19.79 |
| n77(3700-3980) | 30 | 70 | 663000 | 180@0 | DFT_256QAM | 17.56 |
| n77(3700-3980) | 30 | 70 | 663000 | 90@45 | DFT_256QAM | 17.59 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@1   | DFT_256QAM | 17.31 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@187 | DFT_256QAM | 17.89 |
| n77(3700-3980) | 30 | 70 | 663000 | 189@0 | CP_QPSK    | 19.11 |
| n77(3700-3980) | 30 | 70 | 663000 | 95@47 | CP_QPSK    | 21.64 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@1   | CP_QPSK    | 21.24 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@187 | CP_QPSK    | 21.88 |
| n77(3700-3980) | 30 | 70 | 663000 | 189@0 | CP_16QAM   | 19.13 |
| n77(3700-3980) | 30 | 70 | 663000 | 95@47 | CP_16QAM   | 20.15 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@1   | CP_16QAM   | 19.71 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@187 | CP_16QAM   | 20.42 |
| n77(3700-3980) | 30 | 70 | 663000 | 189@0 | CP_64QAM   | 18.14 |
| n77(3700-3980) | 30 | 70 | 663000 | 95@47 | CP_64QAM   | 18.61 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@1   | CP_64QAM   | 18.18 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@187 | CP_64QAM   | 19    |
| n77(3700-3980) | 30 | 70 | 663000 | 189@0 | CP_256QAM  | 15.25 |
| n77(3700-3980) | 30 | 70 | 663000 | 95@47 | CP_256QAM  | 15.75 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@1   | CP_256QAM  | 15.28 |
| n77(3700-3980) | 30 | 70 | 663000 | 1@187 | CP_256QAM  | 16.15 |





|                |    |    |        |        |            |       |
|----------------|----|----|--------|--------|------------|-------|
| n77(3700-3980) | 30 | 80 | 649334 | 216@0  | DFT_BPSK   | 22.45 |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_BPSK   | 22.48 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1    | DFT_BPSK   | 21.97 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215  | DFT_BPSK   | 22.38 |
| n77(3700-3980) | 30 | 80 | 649334 | 216@0  | DFT_QPSK   | 22.42 |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_QPSK   | 22.47 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1    | DFT_QPSK   | 21.87 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215  | DFT_QPSK   | 22.29 |
| n77(3700-3980) | 30 | 80 | 649334 | 216@0  | DFT_16QAM  | 20.92 |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_16QAM  | 21.94 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1    | DFT_16QAM  | 21.32 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215  | DFT_16QAM  | 21.73 |
| n77(3700-3980) | 30 | 80 | 649334 | 216@0  | DFT_64QAM  | 19.87 |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_64QAM  | 19.94 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1    | DFT_64QAM  | 19.3  |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215  | DFT_64QAM  | 19.72 |
| n77(3700-3980) | 30 | 80 | 649334 | 216@0  | DFT_256QAM | 18.36 |
| n77(3700-3980) | 30 | 80 | 649334 | 108@54 | DFT_256QAM | 18.1  |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1    | DFT_256QAM | 18.33 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215  | DFT_256QAM | 18.11 |
| n77(3700-3980) | 30 | 80 | 649334 | 217@0  | CP_QPSK    | 19.36 |
| n77(3700-3980) | 30 | 80 | 649334 | 109@54 | CP_QPSK    | 21.94 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1    | CP_QPSK    | 21.54 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215  | CP_QPSK    | 21.94 |
| n77(3700-3980) | 30 | 80 | 649334 | 217@0  | CP_16QAM   | 19.36 |
| n77(3700-3980) | 30 | 80 | 649334 | 109@54 | CP_16QAM   | 20.45 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1    | CP_16QAM   | 19.97 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215  | CP_16QAM   | 20.36 |
| n77(3700-3980) | 30 | 80 | 649334 | 217@0  | CP_64QAM   | 18.49 |
| n77(3700-3980) | 30 | 80 | 649334 | 109@54 | CP_64QAM   | 18.86 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1    | CP_64QAM   | 18.5  |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215  | CP_64QAM   | 18.93 |
| n77(3700-3980) | 30 | 80 | 649334 | 217@0  | CP_256QAM  | 16.52 |
| n77(3700-3980) | 30 | 80 | 649334 | 109@54 | CP_256QAM  | 16.07 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@1    | CP_256QAM  | 15.68 |
| n77(3700-3980) | 30 | 80 | 649334 | 1@215  | CP_256QAM  | 16.09 |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0  | DFT_BPSK   | 22.43 |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_BPSK   | 22.57 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1    | DFT_BPSK   | 21.59 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215  | DFT_BPSK   | 22.31 |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0  | DFT_QPSK   | 22.4  |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_QPSK   | 22.58 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1    | DFT_QPSK   | 21.6  |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215  | DFT_QPSK   | 22.27 |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0  | DFT_16QAM  | 20.91 |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_16QAM  | 22.03 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1    | DFT_16QAM  | 20.95 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215  | DFT_16QAM  | 21.65 |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0  | DFT_64QAM  | 19.86 |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_64QAM  | 20.05 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1    | DFT_64QAM  | 19.09 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215  | DFT_64QAM  | 19.64 |
| n77(3700-3980) | 30 | 80 | 656000 | 216@0  | DFT_256QAM | 17.83 |
| n77(3700-3980) | 30 | 80 | 656000 | 108@54 | DFT_256QAM | 18    |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1    | DFT_256QAM | 17.32 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215  | DFT_256QAM | 17.75 |
| n77(3700-3980) | 30 | 80 | 656000 | 217@0  | CP_QPSK    | 19.35 |



|                |    |    |        |        |            |       |
|----------------|----|----|--------|--------|------------|-------|
| n77(3700-3980) | 30 | 80 | 656000 | 109@54 | CP_QPSK    | 22    |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1    | CP_QPSK    | 21.21 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215  | CP_QPSK    | 21.89 |
| n77(3700-3980) | 30 | 80 | 656000 | 217@0  | CP_16QAM   | 19.33 |
| n77(3700-3980) | 30 | 80 | 656000 | 109@54 | CP_16QAM   | 20.51 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1    | CP_16QAM   | 19.54 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215  | CP_16QAM   | 20.25 |
| n77(3700-3980) | 30 | 80 | 656000 | 217@0  | CP_64QAM   | 18.81 |
| n77(3700-3980) | 30 | 80 | 656000 | 109@54 | CP_64QAM   | 18.96 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1    | CP_64QAM   | 18.98 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215  | CP_64QAM   | 18.91 |
| n77(3700-3980) | 30 | 80 | 656000 | 217@0  | CP_256QAM  | 16.34 |
| n77(3700-3980) | 30 | 80 | 656000 | 109@54 | CP_256QAM  | 16.14 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@1    | CP_256QAM  | 15.34 |
| n77(3700-3980) | 30 | 80 | 656000 | 1@215  | CP_256QAM  | 16.06 |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0  | DFT_BPSK   | 22.14 |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_BPSK   | 22.1  |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1    | DFT_BPSK   | 21.64 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215  | DFT_BPSK   | 22.29 |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0  | DFT_QPSK   | 22.13 |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_QPSK   | 22.1  |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1    | DFT_QPSK   | 21.65 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215  | DFT_QPSK   | 22.3  |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0  | DFT_16QAM  | 20.62 |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_16QAM  | 21.58 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1    | DFT_16QAM  | 21.07 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215  | DFT_16QAM  | 21.75 |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0  | DFT_64QAM  | 19.59 |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_64QAM  | 19.59 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1    | DFT_64QAM  | 19.04 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215  | DFT_64QAM  | 19.65 |
| n77(3700-3980) | 30 | 80 | 662666 | 216@0  | DFT_256QAM | 17.56 |
| n77(3700-3980) | 30 | 80 | 662666 | 108@54 | DFT_256QAM | 17.56 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1    | DFT_256QAM | 17.07 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215  | DFT_256QAM | 17.69 |
| n77(3700-3980) | 30 | 80 | 662666 | 217@0  | CP_QPSK    | 19.08 |
| n77(3700-3980) | 30 | 80 | 662666 | 109@54 | CP_QPSK    | 21.54 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1    | CP_QPSK    | 21.14 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215  | CP_QPSK    | 21.68 |
| n77(3700-3980) | 30 | 80 | 662666 | 217@0  | CP_16QAM   | 19.09 |
| n77(3700-3980) | 30 | 80 | 662666 | 109@54 | CP_16QAM   | 20.02 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1    | CP_16QAM   | 19.74 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215  | CP_16QAM   | 20.36 |
| n77(3700-3980) | 30 | 80 | 662666 | 217@0  | CP_64QAM   | 18.32 |
| n77(3700-3980) | 30 | 80 | 662666 | 109@54 | CP_64QAM   | 18.48 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1    | CP_64QAM   | 18.85 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215  | CP_64QAM   | 18.83 |
| n77(3700-3980) | 30 | 80 | 662666 | 217@0  | CP_256QAM  | 15.71 |
| n77(3700-3980) | 30 | 80 | 662666 | 109@54 | CP_256QAM  | 15.72 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@1    | CP_256QAM  | 15.39 |
| n77(3700-3980) | 30 | 80 | 662666 | 1@215  | CP_256QAM  | 16.07 |



|                |    |    |        |        |            |       |
|----------------|----|----|--------|--------|------------|-------|
| n77(3700-3980) | 30 | 90 | 649668 | 240@0  | DFT_BPSK   | 22.47 |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_BPSK   | 22.53 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1    | DFT_BPSK   | 21.77 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243  | DFT_BPSK   | 22.32 |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0  | DFT_QPSK   | 22.45 |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_QPSK   | 22.51 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1    | DFT_QPSK   | 21.82 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243  | DFT_QPSK   | 22.34 |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0  | DFT_16QAM  | 20.93 |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_16QAM  | 22    |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1    | DFT_16QAM  | 21.25 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243  | DFT_16QAM  | 21.82 |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0  | DFT_64QAM  | 19.91 |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_64QAM  | 19.96 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1    | DFT_64QAM  | 19.07 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243  | DFT_64QAM  | 19.57 |
| n77(3700-3980) | 30 | 90 | 649668 | 240@0  | DFT_256QAM | 18.11 |
| n77(3700-3980) | 30 | 90 | 649668 | 120@60 | DFT_256QAM | 18.14 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1    | DFT_256QAM | 17.54 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243  | DFT_256QAM | 18.08 |
| n77(3700-3980) | 30 | 90 | 649668 | 245@0  | CP_QPSK    | 19.38 |
| n77(3700-3980) | 30 | 90 | 649668 | 123@61 | CP_QPSK    | 22.03 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1    | CP_QPSK    | 21.27 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243  | CP_QPSK    | 21.8  |
| n77(3700-3980) | 30 | 90 | 649668 | 245@0  | CP_16QAM   | 19.39 |
| n77(3700-3980) | 30 | 90 | 649668 | 123@61 | CP_16QAM   | 20.52 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1    | CP_16QAM   | 19.74 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243  | CP_16QAM   | 20.29 |
| n77(3700-3980) | 30 | 90 | 649668 | 245@0  | CP_64QAM   | 18.86 |
| n77(3700-3980) | 30 | 90 | 649668 | 123@61 | CP_64QAM   | 18.99 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1    | CP_64QAM   | 18.34 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243  | CP_64QAM   | 18.87 |
| n77(3700-3980) | 30 | 90 | 649668 | 245@0  | CP_256QAM  | 16.08 |
| n77(3700-3980) | 30 | 90 | 649668 | 123@61 | CP_256QAM  | 16.16 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@1    | CP_256QAM  | 15.63 |
| n77(3700-3980) | 30 | 90 | 649668 | 1@243  | CP_256QAM  | 16.15 |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0  | DFT_BPSK   | 22.32 |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_BPSK   | 22.55 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1    | DFT_BPSK   | 21.41 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243  | DFT_BPSK   | 22.04 |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0  | DFT_QPSK   | 22.32 |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_QPSK   | 22.53 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1    | DFT_QPSK   | 21.44 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243  | DFT_QPSK   | 22.08 |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0  | DFT_16QAM  | 20.82 |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_16QAM  | 21.97 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1    | DFT_16QAM  | 20.82 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243  | DFT_16QAM  | 21.47 |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0  | DFT_64QAM  | 19.81 |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_64QAM  | 19.97 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1    | DFT_64QAM  | 19.63 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243  | DFT_64QAM  | 19.39 |
| n77(3700-3980) | 30 | 90 | 656000 | 240@0  | DFT_256QAM | 17.49 |
| n77(3700-3980) | 30 | 90 | 656000 | 120@60 | DFT_256QAM | 17.93 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1    | DFT_256QAM | 17.2  |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243  | DFT_256QAM | 17.52 |
| n77(3700-3980) | 30 | 90 | 656000 | 245@0  | CP_QPSK    | 19.33 |





|                |    |    |        |        |            |       |
|----------------|----|----|--------|--------|------------|-------|
| n77(3700-3980) | 30 | 90 | 656000 | 123@61 | CP_QPSK    | 22.01 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1    | CP_QPSK    | 20.89 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243  | CP_QPSK    | 21.58 |
| n77(3700-3980) | 30 | 90 | 656000 | 245@0  | CP_16QAM   | 19.3  |
| n77(3700-3980) | 30 | 90 | 656000 | 123@61 | CP_16QAM   | 20.5  |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1    | CP_16QAM   | 19.41 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243  | CP_16QAM   | 20.11 |
| n77(3700-3980) | 30 | 90 | 656000 | 245@0  | CP_64QAM   | 18.8  |
| n77(3700-3980) | 30 | 90 | 656000 | 123@61 | CP_64QAM   | 18.96 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1    | CP_64QAM   | 18.02 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243  | CP_64QAM   | 18.66 |
| n77(3700-3980) | 30 | 90 | 656000 | 245@0  | CP_256QAM  | 15.98 |
| n77(3700-3980) | 30 | 90 | 656000 | 123@61 | CP_256QAM  | 16.13 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@1    | CP_256QAM  | 15.28 |
| n77(3700-3980) | 30 | 90 | 656000 | 1@243  | CP_256QAM  | 15.94 |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0  | DFT_BPSK   | 22.09 |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_BPSK   | 22.1  |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1    | DFT_BPSK   | 21.56 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243  | DFT_BPSK   | 22.16 |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0  | DFT_QPSK   | 22.09 |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_QPSK   | 22.1  |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1    | DFT_QPSK   | 21.59 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243  | DFT_QPSK   | 22.11 |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0  | DFT_16QAM  | 20.59 |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_16QAM  | 21.54 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1    | DFT_16QAM  | 21.07 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243  | DFT_16QAM  | 21.65 |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0  | DFT_64QAM  | 19.59 |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_64QAM  | 19.55 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1    | DFT_64QAM  | 18.95 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243  | DFT_64QAM  | 19.51 |
| n77(3700-3980) | 30 | 90 | 662332 | 240@0  | DFT_256QAM | 17.53 |
| n77(3700-3980) | 30 | 90 | 662332 | 120@60 | DFT_256QAM | 17.52 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1    | DFT_256QAM | 17.04 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243  | DFT_256QAM | 17.6  |
| n77(3700-3980) | 30 | 90 | 662332 | 245@0  | CP_QPSK    | 19.05 |
| n77(3700-3980) | 30 | 90 | 662332 | 123@61 | CP_QPSK    | 21.53 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1    | CP_QPSK    | 21.01 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243  | CP_QPSK    | 21.6  |
| n77(3700-3980) | 30 | 90 | 662332 | 245@0  | CP_16QAM   | 19.02 |
| n77(3700-3980) | 30 | 90 | 662332 | 123@61 | CP_16QAM   | 20.08 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1    | CP_16QAM   | 19.63 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243  | CP_16QAM   | 20.24 |
| n77(3700-3980) | 30 | 90 | 662332 | 245@0  | CP_64QAM   | 18.53 |
| n77(3700-3980) | 30 | 90 | 662332 | 123@61 | CP_64QAM   | 18.53 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1    | CP_64QAM   | 18.15 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243  | CP_64QAM   | 18.78 |
| n77(3700-3980) | 30 | 90 | 662332 | 245@0  | CP_256QAM  | 15.72 |
| n77(3700-3980) | 30 | 90 | 662332 | 123@61 | CP_256QAM  | 15.68 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@1    | CP_256QAM  | 15.41 |
| n77(3700-3980) | 30 | 90 | 662332 | 1@243  | CP_256QAM  | 16.08 |



|                |    |     |        |        |            |       |
|----------------|----|-----|--------|--------|------------|-------|
| n77(3700-3980) | 30 | 100 | 650000 | 270@0  | DFT_BPSK   | 22.93 |
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_BPSK   | 23.04 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1    | DFT_BPSK   | 22.13 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271  | DFT_BPSK   | 22.61 |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0  | DFT_QPSK   | 22.91 |
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_QPSK   | 23.03 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1    | DFT_QPSK   | 22.16 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271  | DFT_QPSK   | 22.62 |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0  | DFT_16QAM  | 21.41 |
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_16QAM  | 22.54 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1    | DFT_16QAM  | 21.63 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271  | DFT_16QAM  | 22.09 |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0  | DFT_64QAM  | 20.38 |
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_64QAM  | 20.51 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1    | DFT_64QAM  | 19.46 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271  | DFT_64QAM  | 19.95 |
| n77(3700-3980) | 30 | 100 | 650000 | 270@0  | DFT_256QAM | 18.57 |
| n77(3700-3980) | 30 | 100 | 650000 | 135@67 | DFT_256QAM | 18.64 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1    | DFT_256QAM | 17.97 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271  | DFT_256QAM | 18.42 |
| n77(3700-3980) | 30 | 100 | 650000 | 273@0  | CP_QPSK    | 19.85 |
| n77(3700-3980) | 30 | 100 | 650000 | 137@68 | CP_QPSK    | 22.53 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1    | CP_QPSK    | 21.63 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271  | CP_QPSK    | 22.13 |
| n77(3700-3980) | 30 | 100 | 650000 | 273@0  | CP_16QAM   | 19.82 |
| n77(3700-3980) | 30 | 100 | 650000 | 137@68 | CP_16QAM   | 21.04 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1    | CP_16QAM   | 20.11 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271  | CP_16QAM   | 20.6  |
| n77(3700-3980) | 30 | 100 | 650000 | 273@0  | CP_64QAM   | 19.33 |
| n77(3700-3980) | 30 | 100 | 650000 | 137@68 | CP_64QAM   | 19.48 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1    | CP_64QAM   | 19.2  |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271  | CP_64QAM   | 19.23 |
| n77(3700-3980) | 30 | 100 | 650000 | 273@0  | CP_256QAM  | 17.02 |
| n77(3700-3980) | 30 | 100 | 650000 | 137@68 | CP_256QAM  | 16.64 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@1    | CP_256QAM  | 16.02 |
| n77(3700-3980) | 30 | 100 | 650000 | 1@271  | CP_256QAM  | 16.5  |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0  | DFT_BPSK   | 22.83 |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_BPSK   | 23    |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1    | DFT_BPSK   | 21.78 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271  | DFT_BPSK   | 22.43 |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0  | DFT_QPSK   | 22.83 |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_QPSK   | 23.01 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1    | DFT_QPSK   | 21.8  |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271  | DFT_QPSK   | 22.41 |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0  | DFT_16QAM  | 21.32 |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_16QAM  | 22.44 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1    | DFT_16QAM  | 21.28 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271  | DFT_16QAM  | 21.93 |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0  | DFT_64QAM  | 20.3  |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_64QAM  | 20.47 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1    | DFT_64QAM  | 19.11 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271  | DFT_64QAM  | 19.75 |
| n77(3700-3980) | 30 | 100 | 656000 | 270@0  | DFT_256QAM | 18.26 |
| n77(3700-3980) | 30 | 100 | 656000 | 135@67 | DFT_256QAM | 18.41 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1    | DFT_256QAM | 17.61 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271  | DFT_256QAM | 17.89 |
| n77(3700-3980) | 30 | 100 | 656000 | 273@0  | CP_QPSK    | 19.78 |



|                |    |     |        |        |            |       |
|----------------|----|-----|--------|--------|------------|-------|
| n77(3700-3980) | 30 | 100 | 656000 | 137@68 | CP_QPSK    | 22.49 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1    | CP_QPSK    | 21.27 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271  | CP_QPSK    | 21.89 |
| n77(3700-3980) | 30 | 100 | 656000 | 273@0  | CP_16QAM   | 19.74 |
| n77(3700-3980) | 30 | 100 | 656000 | 137@68 | CP_16QAM   | 21.02 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1    | CP_16QAM   | 19.86 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271  | CP_16QAM   | 20.51 |
| n77(3700-3980) | 30 | 100 | 656000 | 273@0  | CP_64QAM   | 19.27 |
| n77(3700-3980) | 30 | 100 | 656000 | 137@68 | CP_64QAM   | 19.47 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1    | CP_64QAM   | 18.41 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271  | CP_64QAM   | 19.01 |
| n77(3700-3980) | 30 | 100 | 656000 | 273@0  | CP_256QAM  | 16.43 |
| n77(3700-3980) | 30 | 100 | 656000 | 137@68 | CP_256QAM  | 16.61 |
| n77(3700-3980) | 30 | 100 | 656000 | 1@1    | CP_256QAM  | 15.7  |
| n77(3700-3980) | 30 | 100 | 656000 | 1@271  | CP_256QAM  | 16.32 |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0  | DFT_BPSK   | 22.7  |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_BPSK   | 22.71 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1    | DFT_BPSK   | 22.09 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271  | DFT_BPSK   | 22.61 |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0  | DFT_QPSK   | 22.68 |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_QPSK   | 22.74 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1    | DFT_QPSK   | 22.08 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271  | DFT_QPSK   | 22.58 |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0  | DFT_16QAM  | 21.16 |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_16QAM  | 22.22 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1    | DFT_16QAM  | 21.6  |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271  | DFT_16QAM  | 22.11 |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0  | DFT_64QAM  | 20.18 |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_64QAM  | 20.21 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1    | DFT_64QAM  | 19.43 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271  | DFT_64QAM  | 19.93 |
| n77(3700-3980) | 30 | 100 | 662000 | 270@0  | DFT_256QAM | 18.15 |
| n77(3700-3980) | 30 | 100 | 662000 | 135@67 | DFT_256QAM | 18.14 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1    | DFT_256QAM | 17.54 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271  | DFT_256QAM | 18.06 |
| n77(3700-3980) | 30 | 100 | 662000 | 273@0  | CP_QPSK    | 19.64 |
| n77(3700-3980) | 30 | 100 | 662000 | 137@68 | CP_QPSK    | 22.19 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1    | CP_QPSK    | 21.57 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271  | CP_QPSK    | 22.04 |
| n77(3700-3980) | 30 | 100 | 662000 | 273@0  | CP_16QAM   | 19.62 |
| n77(3700-3980) | 30 | 100 | 662000 | 137@68 | CP_16QAM   | 20.71 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1    | CP_16QAM   | 20.15 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271  | CP_16QAM   | 20.69 |
| n77(3700-3980) | 30 | 100 | 662000 | 273@0  | CP_64QAM   | 19.11 |
| n77(3700-3980) | 30 | 100 | 662000 | 137@68 | CP_64QAM   | 19.15 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1    | CP_64QAM   | 18.73 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271  | CP_64QAM   | 19.23 |
| n77(3700-3980) | 30 | 100 | 662000 | 273@0  | CP_256QAM  | 16.31 |
| n77(3700-3980) | 30 | 100 | 662000 | 137@68 | CP_256QAM  | 16.32 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@1    | CP_256QAM  | 15.94 |
| n77(3700-3980) | 30 | 100 | 662000 | 1@271  | CP_256QAM  | 16.49 |



## NSA

| Band | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Power (dBm) |
|------|-----------|-----------------|------------|---------------|------------|-------------|
| n41  | 30        | 10              | 500202     | 24@0          | DFT_BPSK   | 22.42       |
| n41  | 30        | 10              | 500202     | 12@6          | DFT_BPSK   | 22.42       |
| n41  | 30        | 10              | 500202     | 1@1           | DFT_BPSK   | 22.31       |
| n41  | 30        | 10              | 500202     | 1@22          | DFT_BPSK   | 22.33       |
| n41  | 30        | 10              | 500202     | 24@0          | DFT_QPSK   | 22.45       |
| n41  | 30        | 10              | 500202     | 12@6          | DFT_QPSK   | 22.42       |
| n41  | 30        | 10              | 500202     | 1@1           | DFT_QPSK   | 22.27       |
| n41  | 30        | 10              | 500202     | 1@22          | DFT_QPSK   | 22.30       |
| n41  | 30        | 10              | 500202     | 24@0          | DFT_16QAM  | 20.88       |
| n41  | 30        | 10              | 500202     | 12@6          | DFT_16QAM  | 21.97       |
| n41  | 30        | 10              | 500202     | 1@1           | DFT_16QAM  | 21.82       |
| n41  | 30        | 10              | 500202     | 1@22          | DFT_16QAM  | 21.84       |
| n41  | 30        | 10              | 500202     | 24@0          | DFT_64QAM  | 19.93       |
| n41  | 30        | 10              | 500202     | 12@6          | DFT_64QAM  | 19.89       |
| n41  | 30        | 10              | 500202     | 1@1           | DFT_64QAM  | 19.82       |
| n41  | 30        | 10              | 500202     | 1@22          | DFT_64QAM  | 19.74       |
| n41  | 30        | 10              | 500202     | 24@0          | DFT_256QAM | 18.26       |
| n41  | 30        | 10              | 500202     | 12@6          | DFT_256QAM | 18.36       |
| n41  | 30        | 10              | 500202     | 1@1           | DFT_256QAM | 18.27       |
| n41  | 30        | 10              | 500202     | 1@22          | DFT_256QAM | 18.55       |
| n41  | 30        | 10              | 500202     | 24@0          | CP_QPSK    | 19.74       |
| n41  | 30        | 10              | 500202     | 12@6          | CP_QPSK    | 22.46       |
| n41  | 30        | 10              | 500202     | 1@1           | CP_QPSK    | 23.02       |
| n41  | 30        | 10              | 500202     | 1@22          | CP_QPSK    | 22.82       |
| n41  | 30        | 10              | 500202     | 24@0          | CP_16QAM   | 19.81       |
| n41  | 30        | 10              | 500202     | 12@6          | CP_16QAM   | 20.73       |
| n41  | 30        | 10              | 500202     | 1@1           | CP_16QAM   | 20.52       |
| n41  | 30        | 10              | 500202     | 1@22          | CP_16QAM   | 20.55       |
| n41  | 30        | 10              | 500202     | 24@0          | CP_64QAM   | 19.25       |
| n41  | 30        | 10              | 500202     | 12@6          | CP_64QAM   | 19.26       |
| n41  | 30        | 10              | 500202     | 1@1           | CP_64QAM   | 19.21       |
| n41  | 30        | 10              | 500202     | 1@22          | CP_64QAM   | 19.21       |
| n41  | 30        | 10              | 500202     | 24@0          | CP_256QAM  | 16.24       |
| n41  | 30        | 10              | 500202     | 12@6          | CP_256QAM  | 16.20       |
| n41  | 30        | 10              | 500202     | 1@1           | CP_256QAM  | 16.07       |
| n41  | 30        | 10              | 500202     | 1@22          | CP_256QAM  | 16.06       |
| n41  | 30        | 10              | 518598     | 24@0          | DFT_BPSK   | 22.19       |
| n41  | 30        | 10              | 518598     | 12@6          | DFT_BPSK   | 22.83       |
| n41  | 30        | 10              | 518598     | 1@1           | DFT_BPSK   | 22.78       |
| n41  | 30        | 10              | 518598     | 1@22          | DFT_BPSK   | 22.74       |
| n41  | 30        | 10              | 518598     | 24@0          | DFT_QPSK   | 22.87       |
| n41  | 30        | 10              | 518598     | 12@6          | DFT_QPSK   | 22.82       |
| n41  | 30        | 10              | 518598     | 1@1           | DFT_QPSK   | 22.73       |
| n41  | 30        | 10              | 518598     | 1@22          | DFT_QPSK   | 22.69       |
| n41  | 30        | 10              | 518598     | 24@0          | DFT_16QAM  | 21.32       |



|     |    |    |        |      |            |       |
|-----|----|----|--------|------|------------|-------|
| n41 | 30 | 10 | 518598 | 12@6 | DFT_16QAM  | 22.38 |
| n41 | 30 | 10 | 518598 | 1@1  | DFT_16QAM  | 22.61 |
| n41 | 30 | 10 | 518598 | 1@22 | DFT_16QAM  | 22.60 |
| n41 | 30 | 10 | 518598 | 24@0 | DFT_64QAM  | 20.37 |
| n41 | 30 | 10 | 518598 | 12@6 | DFT_64QAM  | 20.33 |
| n41 | 30 | 10 | 518598 | 1@1  | DFT_64QAM  | 20.08 |
| n41 | 30 | 10 | 518598 | 1@22 | DFT_64QAM  | 20.07 |
| n41 | 30 | 10 | 518598 | 24@0 | DFT_256QAM | 18.32 |
| n41 | 30 | 10 | 518598 | 12@6 | DFT_256QAM | 18.22 |
| n41 | 30 | 10 | 518598 | 1@1  | DFT_256QAM | 18.19 |
| n41 | 30 | 10 | 518598 | 1@22 | DFT_256QAM | 18.17 |
| n41 | 30 | 10 | 518598 | 24@0 | CP_QPSK    | 19.19 |
| n41 | 30 | 10 | 518598 | 12@6 | CP_QPSK    | 22.26 |
| n41 | 30 | 10 | 518598 | 1@1  | CP_QPSK    | 22.45 |
| n41 | 30 | 10 | 518598 | 1@22 | CP_QPSK    | 22.99 |
| n41 | 30 | 10 | 518598 | 24@0 | CP_16QAM   | 19.19 |
| n41 | 30 | 10 | 518598 | 12@6 | CP_16QAM   | 20.82 |
| n41 | 30 | 10 | 518598 | 1@1  | CP_16QAM   | 20.56 |
| n41 | 30 | 10 | 518598 | 1@22 | CP_16QAM   | 20.51 |
| n41 | 30 | 10 | 518598 | 24@0 | CP_64QAM   | 19.35 |
| n41 | 30 | 10 | 518598 | 12@6 | CP_64QAM   | 19.32 |
| n41 | 30 | 10 | 518598 | 1@1  | CP_64QAM   | 19.28 |
| n41 | 30 | 10 | 518598 | 1@22 | CP_64QAM   | 19.24 |
| n41 | 30 | 10 | 518598 | 24@0 | CP_256QAM  | 16.33 |
| n41 | 30 | 10 | 518598 | 12@6 | CP_256QAM  | 16.25 |
| n41 | 30 | 10 | 518598 | 1@1  | CP_256QAM  | 16.13 |
| n41 | 30 | 10 | 518598 | 1@22 | CP_256QAM  | 16.10 |
| n41 | 30 | 10 | 537000 | 24@0 | DFT_BPSK   | 22.36 |
| n41 | 30 | 10 | 537000 | 12@6 | DFT_BPSK   | 22.50 |
| n41 | 30 | 10 | 537000 | 1@1  | DFT_BPSK   | 22.15 |
| n41 | 30 | 10 | 537000 | 1@22 | DFT_BPSK   | 22.44 |
| n41 | 30 | 10 | 537000 | 24@0 | DFT_QPSK   | 22.36 |
| n41 | 30 | 10 | 537000 | 12@6 | DFT_QPSK   | 22.69 |
| n41 | 30 | 10 | 537000 | 1@1  | DFT_QPSK   | 22.49 |
| n41 | 30 | 10 | 537000 | 1@22 | DFT_QPSK   | 22.62 |
| n41 | 30 | 10 | 537000 | 24@0 | DFT_16QAM  | 21.17 |
| n41 | 30 | 10 | 537000 | 12@6 | DFT_16QAM  | 22.23 |
| n41 | 30 | 10 | 537000 | 1@1  | DFT_16QAM  | 22.35 |
| n41 | 30 | 10 | 537000 | 1@22 | DFT_16QAM  | 22.53 |
| n41 | 30 | 10 | 537000 | 24@0 | DFT_64QAM  | 20.18 |
| n41 | 30 | 10 | 537000 | 12@6 | DFT_64QAM  | 20.17 |
| n41 | 30 | 10 | 537000 | 1@1  | DFT_64QAM  | 19.84 |
| n41 | 30 | 10 | 537000 | 1@22 | DFT_64QAM  | 19.95 |
| n41 | 30 | 10 | 537000 | 24@0 | DFT_256QAM | 18.26 |
| n41 | 30 | 10 | 537000 | 12@6 | DFT_256QAM | 18.41 |
| n41 | 30 | 10 | 537000 | 1@1  | DFT_256QAM | 18.23 |
| n41 | 30 | 10 | 537000 | 1@22 | DFT_256QAM | 18.54 |
| n41 | 30 | 10 | 537000 | 24@0 | CP_QPSK    | 19.36 |



|     |    |    |        |      |            |       |
|-----|----|----|--------|------|------------|-------|
| n41 | 30 | 10 | 537000 | 12@6 | CP_QPSK    | 22.14 |
| n41 | 30 | 10 | 537000 | 1@1  | CP_QPSK    | 22.41 |
| n41 | 30 | 10 | 537000 | 1@22 | CP_QPSK    | 22.54 |
| n41 | 30 | 10 | 537000 | 24@0 | CP_16QAM   | 19.71 |
| n41 | 30 | 10 | 537000 | 12@6 | CP_16QAM   | 20.66 |
| n41 | 30 | 10 | 537000 | 1@1  | CP_16QAM   | 20.29 |
| n41 | 30 | 10 | 537000 | 1@22 | CP_16QAM   | 20.43 |
| n41 | 30 | 10 | 537000 | 24@0 | CP_64QAM   | 19.19 |
| n41 | 30 | 10 | 537000 | 12@6 | CP_64QAM   | 19.13 |
| n41 | 30 | 10 | 537000 | 1@1  | CP_64QAM   | 18.97 |
| n41 | 30 | 10 | 537000 | 1@22 | CP_64QAM   | 19.09 |
| n41 | 30 | 10 | 537000 | 24@0 | CP_256QAM  | 16.19 |
| n41 | 30 | 10 | 537000 | 12@6 | CP_256QAM  | 16.10 |
| n41 | 30 | 10 | 537000 | 1@1  | CP_256QAM  | 15.86 |
| n41 | 30 | 10 | 537000 | 1@22 | CP_256QAM  | 15.99 |
| n41 | 30 | 15 | 500700 | 36@0 | DFT_BPSK   | 22.89 |
| n41 | 30 | 15 | 500700 | 18@9 | DFT_BPSK   | 22.84 |
| n41 | 30 | 15 | 500700 | 1@1  | DFT_BPSK   | 22.72 |
| n41 | 30 | 15 | 500700 | 1@36 | DFT_BPSK   | 22.65 |
| n41 | 30 | 15 | 500700 | 36@0 | DFT_QPSK   | 22.87 |
| n41 | 30 | 15 | 500700 | 18@9 | DFT_QPSK   | 22.83 |
| n41 | 30 | 15 | 500700 | 1@1  | DFT_QPSK   | 22.65 |
| n41 | 30 | 15 | 500700 | 1@36 | DFT_QPSK   | 22.58 |
| n41 | 30 | 15 | 500700 | 36@0 | DFT_16QAM  | 21.33 |
| n41 | 30 | 15 | 500700 | 18@9 | DFT_16QAM  | 22.32 |
| n41 | 30 | 15 | 500700 | 1@1  | DFT_16QAM  | 22.64 |
| n41 | 30 | 15 | 500700 | 1@36 | DFT_16QAM  | 22.54 |
| n41 | 30 | 15 | 500700 | 36@0 | DFT_64QAM  | 20.27 |
| n41 | 30 | 15 | 500700 | 18@9 | DFT_64QAM  | 20.28 |
| n41 | 30 | 15 | 500700 | 1@1  | DFT_64QAM  | 20.01 |
| n41 | 30 | 15 | 500700 | 1@36 | DFT_64QAM  | 19.93 |
| n41 | 30 | 15 | 500700 | 36@0 | DFT_256QAM | 18.29 |
| n41 | 30 | 15 | 500700 | 18@9 | DFT_256QAM | 18.23 |
| n41 | 30 | 15 | 500700 | 1@1  | DFT_256QAM | 18.18 |
| n41 | 30 | 15 | 500700 | 1@36 | DFT_256QAM | 18.09 |
| n41 | 30 | 15 | 500700 | 38@0 | CP_QPSK    | 19.81 |
| n41 | 30 | 15 | 500700 | 19@9 | CP_QPSK    | 22.34 |
| n41 | 30 | 15 | 500700 | 1@1  | CP_QPSK    | 22.65 |
| n41 | 30 | 15 | 500700 | 1@36 | CP_QPSK    | 22.56 |
| n41 | 30 | 15 | 500700 | 38@0 | CP_16QAM   | 19.73 |
| n41 | 30 | 15 | 500700 | 19@9 | CP_16QAM   | 20.84 |
| n41 | 30 | 15 | 500700 | 1@1  | CP_16QAM   | 20.42 |
| n41 | 30 | 15 | 500700 | 1@36 | CP_16QAM   | 20.40 |
| n41 | 30 | 15 | 500700 | 38@0 | CP_64QAM   | 19.27 |
| n41 | 30 | 15 | 500700 | 19@9 | CP_64QAM   | 19.29 |
| n41 | 30 | 15 | 500700 | 1@1  | CP_64QAM   | 19.19 |
| n41 | 30 | 15 | 500700 | 1@36 | CP_64QAM   | 19.11 |
| n41 | 30 | 15 | 500700 | 38@0 | CP_256QAM  | 16.24 |





|     |    |    |        |      |            |       |
|-----|----|----|--------|------|------------|-------|
| n41 | 30 | 15 | 500700 | 19@9 | CP_256QAM  | 16.20 |
| n41 | 30 | 15 | 500700 | 1@1  | CP_256QAM  | 16.08 |
| n41 | 30 | 15 | 500700 | 1@36 | CP_256QAM  | 16.00 |
| n41 | 30 | 15 | 518598 | 36@0 | DFT_BPSK   | 22.72 |
| n41 | 30 | 15 | 518598 | 18@9 | DFT_BPSK   | 22.86 |
| n41 | 30 | 15 | 518598 | 1@1  | DFT_BPSK   | 22.79 |
| n41 | 30 | 15 | 518598 | 1@36 | DFT_BPSK   | 22.71 |
| n41 | 30 | 15 | 518598 | 36@0 | DFT_QPSK   | 22.89 |
| n41 | 30 | 15 | 518598 | 18@9 | DFT_QPSK   | 22.89 |
| n41 | 30 | 15 | 518598 | 1@1  | DFT_QPSK   | 22.73 |
| n41 | 30 | 15 | 518598 | 1@36 | DFT_QPSK   | 22.65 |
| n41 | 30 | 15 | 518598 | 36@0 | DFT_16QAM  | 21.34 |
| n41 | 30 | 15 | 518598 | 18@9 | DFT_16QAM  | 22.37 |
| n41 | 30 | 15 | 518598 | 1@1  | DFT_16QAM  | 22.68 |
| n41 | 30 | 15 | 518598 | 1@36 | DFT_16QAM  | 22.61 |
| n41 | 30 | 15 | 518598 | 36@0 | DFT_64QAM  | 20.31 |
| n41 | 30 | 15 | 518598 | 18@9 | DFT_64QAM  | 20.33 |
| n41 | 30 | 15 | 518598 | 1@1  | DFT_64QAM  | 20.06 |
| n41 | 30 | 15 | 518598 | 1@36 | DFT_64QAM  | 19.99 |
| n41 | 30 | 15 | 518598 | 36@0 | DFT_256QAM | 18.32 |
| n41 | 30 | 15 | 518598 | 18@9 | DFT_256QAM | 18.27 |
| n41 | 30 | 15 | 518598 | 1@1  | DFT_256QAM | 18.23 |
| n41 | 30 | 15 | 518598 | 1@36 | DFT_256QAM | 18.16 |
| n41 | 30 | 15 | 518598 | 38@0 | CP_QPSK    | 20.16 |
| n41 | 30 | 15 | 518598 | 19@9 | CP_QPSK    | 22.55 |
| n41 | 30 | 15 | 518598 | 1@1  | CP_QPSK    | 22.36 |
| n41 | 30 | 15 | 518598 | 1@36 | CP_QPSK    | 22.41 |
| n41 | 30 | 15 | 518598 | 38@0 | CP_16QAM   | 19.53 |
| n41 | 30 | 15 | 518598 | 19@9 | CP_16QAM   | 20.87 |
| n41 | 30 | 15 | 518598 | 1@1  | CP_16QAM   | 20.57 |
| n41 | 30 | 15 | 518598 | 1@36 | CP_16QAM   | 20.46 |
| n41 | 30 | 15 | 518598 | 38@0 | CP_64QAM   | 19.36 |
| n41 | 30 | 15 | 518598 | 19@9 | CP_64QAM   | 19.34 |
| n41 | 30 | 15 | 518598 | 1@1  | CP_64QAM   | 19.25 |
| n41 | 30 | 15 | 518598 | 1@36 | CP_64QAM   | 19.18 |
| n41 | 30 | 15 | 518598 | 38@0 | CP_256QAM  | 16.34 |
| n41 | 30 | 15 | 518598 | 19@9 | CP_256QAM  | 16.23 |
| n41 | 30 | 15 | 518598 | 1@1  | CP_256QAM  | 16.10 |
| n41 | 30 | 15 | 518598 | 1@36 | CP_256QAM  | 16.03 |
| n41 | 30 | 15 | 536496 | 36@0 | DFT_BPSK   | 22.36 |
| n41 | 30 | 15 | 536496 | 18@9 | DFT_BPSK   | 22.44 |
| n41 | 30 | 15 | 536496 | 1@1  | DFT_BPSK   | 22.59 |
| n41 | 30 | 15 | 536496 | 1@36 | DFT_BPSK   | 22.71 |
| n41 | 30 | 15 | 536496 | 36@0 | DFT_QPSK   | 22.66 |
| n41 | 30 | 15 | 536496 | 18@9 | DFT_QPSK   | 22.65 |
| n41 | 30 | 15 | 536496 | 1@1  | DFT_QPSK   | 22.42 |
| n41 | 30 | 15 | 536496 | 1@36 | DFT_QPSK   | 22.58 |
| n41 | 30 | 15 | 536496 | 36@0 | DFT_16QAM  | 21.14 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 15 | 536496 | 18@9  | DFT_16QAM  | 22.15 |
| n41 | 30 | 15 | 536496 | 1@1   | DFT_16QAM  | 22.32 |
| n41 | 30 | 15 | 536496 | 1@36  | DFT_16QAM  | 22.53 |
| n41 | 30 | 15 | 536496 | 36@0  | DFT_64QAM  | 20.11 |
| n41 | 30 | 15 | 536496 | 18@9  | DFT_64QAM  | 20.08 |
| n41 | 30 | 15 | 536496 | 1@1   | DFT_64QAM  | 19.76 |
| n41 | 30 | 15 | 536496 | 1@36  | DFT_64QAM  | 19.94 |
| n41 | 30 | 15 | 536496 | 36@0  | DFT_256QAM | 18.35 |
| n41 | 30 | 15 | 536496 | 18@9  | DFT_256QAM | 18.15 |
| n41 | 30 | 15 | 536496 | 1@1   | DFT_256QAM | 18.42 |
| n41 | 30 | 15 | 536496 | 1@36  | DFT_256QAM | 18.22 |
| n41 | 30 | 15 | 536496 | 38@0  | CP_QPSK    | 19.94 |
| n41 | 30 | 15 | 536496 | 19@9  | CP_QPSK    | 22.26 |
| n41 | 30 | 15 | 536496 | 1@1   | CP_QPSK    | 22.44 |
| n41 | 30 | 15 | 536496 | 1@36  | CP_QPSK    | 22.35 |
| n41 | 30 | 15 | 536496 | 38@0  | CP_16QAM   | 22.77 |
| n41 | 30 | 15 | 536496 | 19@9  | CP_16QAM   | 20.65 |
| n41 | 30 | 15 | 536496 | 1@1   | CP_16QAM   | 20.21 |
| n41 | 30 | 15 | 536496 | 1@36  | CP_16QAM   | 20.40 |
| n41 | 30 | 15 | 536496 | 38@0  | CP_64QAM   | 19.18 |
| n41 | 30 | 15 | 536496 | 19@9  | CP_64QAM   | 19.15 |
| n41 | 30 | 15 | 536496 | 1@1   | CP_64QAM   | 18.93 |
| n41 | 30 | 15 | 536496 | 1@36  | CP_64QAM   | 19.14 |
| n41 | 30 | 15 | 536496 | 38@0  | CP_256QAM  | 16.12 |
| n41 | 30 | 15 | 536496 | 19@9  | CP_256QAM  | 16.00 |
| n41 | 30 | 15 | 536496 | 1@1   | CP_256QAM  | 15.76 |
| n41 | 30 | 15 | 536496 | 1@36  | CP_256QAM  | 15.95 |
| n41 | 30 | 20 | 501204 | 50@0  | DFT_BPSK   | 22.87 |
| n41 | 30 | 20 | 501204 | 25@12 | DFT_BPSK   | 22.79 |
| n41 | 30 | 20 | 501204 | 1@1   | DFT_BPSK   | 22.60 |
| n41 | 30 | 20 | 501204 | 1@49  | DFT_BPSK   | 22.59 |
| n41 | 30 | 20 | 501204 | 50@0  | DFT_QPSK   | 22.78 |
| n41 | 30 | 20 | 501204 | 25@12 | DFT_QPSK   | 22.81 |
| n41 | 30 | 20 | 501204 | 1@1   | DFT_QPSK   | 22.58 |
| n41 | 30 | 20 | 501204 | 1@49  | DFT_QPSK   | 22.51 |
| n41 | 30 | 20 | 501204 | 50@0  | DFT_16QAM  | 21.22 |
| n41 | 30 | 20 | 501204 | 25@12 | DFT_16QAM  | 22.33 |
| n41 | 30 | 20 | 501204 | 1@1   | DFT_16QAM  | 22.48 |
| n41 | 30 | 20 | 501204 | 1@49  | DFT_16QAM  | 22.40 |
| n41 | 30 | 20 | 501204 | 50@0  | DFT_64QAM  | 20.21 |
| n41 | 30 | 20 | 501204 | 25@12 | DFT_64QAM  | 20.21 |
| n41 | 30 | 20 | 501204 | 1@1   | DFT_64QAM  | 19.91 |
| n41 | 30 | 20 | 501204 | 1@49  | DFT_64QAM  | 19.83 |
| n41 | 30 | 20 | 501204 | 50@0  | DFT_256QAM | 18.60 |
| n41 | 30 | 20 | 501204 | 25@12 | DFT_256QAM | 18.33 |
| n41 | 30 | 20 | 501204 | 1@1   | DFT_256QAM | 18.26 |
| n41 | 30 | 20 | 501204 | 1@49  | DFT_256QAM | 18.40 |
| n41 | 30 | 20 | 501204 | 51@0  | CP_QPSK    | 19.99 |





|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 20 | 501204 | 25@12 | CP_QPSK    | 22.34 |
| n41 | 30 | 20 | 501204 | 1@1   | CP_QPSK    | 22.51 |
| n41 | 30 | 20 | 501204 | 1@49  | CP_QPSK    | 22.44 |
| n41 | 30 | 20 | 501204 | 51@0  | CP_16QAM   | 19.71 |
| n41 | 30 | 20 | 501204 | 25@12 | CP_16QAM   | 20.81 |
| n41 | 30 | 20 | 501204 | 1@1   | CP_16QAM   | 20.35 |
| n41 | 30 | 20 | 501204 | 1@49  | CP_16QAM   | 20.34 |
| n41 | 30 | 20 | 501204 | 51@0  | CP_64QAM   | 19.17 |
| n41 | 30 | 20 | 501204 | 25@12 | CP_64QAM   | 19.25 |
| n41 | 30 | 20 | 501204 | 1@1   | CP_64QAM   | 19.07 |
| n41 | 30 | 20 | 501204 | 1@49  | CP_64QAM   | 19.01 |
| n41 | 30 | 20 | 501204 | 51@0  | CP_256QAM  | 16.15 |
| n41 | 30 | 20 | 501204 | 25@12 | CP_256QAM  | 16.20 |
| n41 | 30 | 20 | 501204 | 1@1   | CP_256QAM  | 16.01 |
| n41 | 30 | 20 | 501204 | 1@49  | CP_256QAM  | 15.94 |
| n41 | 30 | 20 | 518598 | 50@0  | DFT_BPSK   | 22.84 |
| n41 | 30 | 20 | 518598 | 25@12 | DFT_BPSK   | 22.88 |
| n41 | 30 | 20 | 518598 | 1@1   | DFT_BPSK   | 22.66 |
| n41 | 30 | 20 | 518598 | 1@49  | DFT_BPSK   | 22.65 |
| n41 | 30 | 20 | 518598 | 50@0  | DFT_QPSK   | 22.86 |
| n41 | 30 | 20 | 518598 | 25@12 | DFT_QPSK   | 22.90 |
| n41 | 30 | 20 | 518598 | 1@1   | DFT_QPSK   | 22.61 |
| n41 | 30 | 20 | 518598 | 1@49  | DFT_QPSK   | 22.58 |
| n41 | 30 | 20 | 518598 | 50@0  | DFT_16QAM  | 21.31 |
| n41 | 30 | 20 | 518598 | 25@12 | DFT_16QAM  | 22.42 |
| n41 | 30 | 20 | 518598 | 1@1   | DFT_16QAM  | 22.57 |
| n41 | 30 | 20 | 518598 | 1@49  | DFT_16QAM  | 22.54 |
| n41 | 30 | 20 | 518598 | 50@0  | DFT_64QAM  | 20.32 |
| n41 | 30 | 20 | 518598 | 25@12 | DFT_64QAM  | 20.29 |
| n41 | 30 | 20 | 518598 | 1@1   | DFT_64QAM  | 19.94 |
| n41 | 30 | 20 | 518598 | 1@49  | DFT_64QAM  | 19.91 |
| n41 | 30 | 20 | 518598 | 50@0  | DFT_256QAM | 18.63 |
| n41 | 30 | 20 | 518598 | 25@12 | DFT_256QAM | 18.25 |
| n41 | 30 | 20 | 518598 | 1@1   | DFT_256QAM | 18.44 |
| n41 | 30 | 20 | 518598 | 1@49  | DFT_256QAM | 18.22 |
| n41 | 30 | 20 | 518598 | 51@0  | CP_QPSK    | 19.86 |
| n41 | 30 | 20 | 518598 | 25@12 | CP_QPSK    | 22.38 |
| n41 | 30 | 20 | 518598 | 1@1   | CP_QPSK    | 22.54 |
| n41 | 30 | 20 | 518598 | 1@49  | CP_QPSK    | 22.50 |
| n41 | 30 | 20 | 518598 | 51@0  | CP_16QAM   | 19.78 |
| n41 | 30 | 20 | 518598 | 25@12 | CP_16QAM   | 20.89 |
| n41 | 30 | 20 | 518598 | 1@1   | CP_16QAM   | 20.50 |
| n41 | 30 | 20 | 518598 | 1@49  | CP_16QAM   | 20.46 |
| n41 | 30 | 20 | 518598 | 51@0  | CP_64QAM   | 19.28 |
| n41 | 30 | 20 | 518598 | 25@12 | CP_64QAM   | 19.32 |
| n41 | 30 | 20 | 518598 | 1@1   | CP_64QAM   | 19.13 |
| n41 | 30 | 20 | 518598 | 1@49  | CP_64QAM   | 19.07 |
| n41 | 30 | 20 | 518598 | 51@0  | CP_256QAM  | 16.23 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 20 | 518598 | 25@12 | CP_256QAM  | 16.28 |
| n41 | 30 | 20 | 518598 | 1@1   | CP_256QAM  | 16.00 |
| n41 | 30 | 20 | 518598 | 1@49  | CP_256QAM  | 15.98 |
| n41 | 30 | 20 | 535998 | 50@0  | DFT_BPSK   | 22.36 |
| n41 | 30 | 20 | 535998 | 25@12 | DFT_BPSK   | 22.65 |
| n41 | 30 | 20 | 535998 | 1@1   | DFT_BPSK   | 22.46 |
| n41 | 30 | 20 | 535998 | 1@49  | DFT_BPSK   | 22.64 |
| n41 | 30 | 20 | 535998 | 50@0  | DFT_QPSK   | 22.69 |
| n41 | 30 | 20 | 535998 | 25@12 | DFT_QPSK   | 22.70 |
| n41 | 30 | 20 | 535998 | 1@1   | DFT_QPSK   | 22.40 |
| n41 | 30 | 20 | 535998 | 1@49  | DFT_QPSK   | 22.56 |
| n41 | 30 | 20 | 535998 | 50@0  | DFT_16QAM  | 21.14 |
| n41 | 30 | 20 | 535998 | 25@12 | DFT_16QAM  | 22.21 |
| n41 | 30 | 20 | 535998 | 1@1   | DFT_16QAM  | 22.29 |
| n41 | 30 | 20 | 535998 | 1@49  | DFT_16QAM  | 22.45 |
| n41 | 30 | 20 | 535998 | 50@0  | DFT_64QAM  | 20.14 |
| n41 | 30 | 20 | 535998 | 25@12 | DFT_64QAM  | 20.08 |
| n41 | 30 | 20 | 535998 | 1@1   | DFT_64QAM  | 19.72 |
| n41 | 30 | 20 | 535998 | 1@49  | DFT_64QAM  | 19.88 |
| n41 | 30 | 20 | 535998 | 50@0  | DFT_256QAM | 18.26 |
| n41 | 30 | 20 | 535998 | 25@12 | DFT_256QAM | 18.11 |
| n41 | 30 | 20 | 535998 | 1@1   | DFT_256QAM | 18.36 |
| n41 | 30 | 20 | 535998 | 1@49  | DFT_256QAM | 18.41 |
| n41 | 30 | 20 | 535998 | 51@0  | CP_QPSK    | 19.89 |
| n41 | 30 | 20 | 535998 | 25@12 | CP_QPSK    | 22.18 |
| n41 | 30 | 20 | 535998 | 1@1   | CP_QPSK    | 22.26 |
| n41 | 30 | 20 | 535998 | 1@49  | CP_QPSK    | 22.48 |
| n41 | 30 | 20 | 535998 | 51@0  | CP_16QAM   | 19.62 |
| n41 | 30 | 20 | 535998 | 25@12 | CP_16QAM   | 20.71 |
| n41 | 30 | 20 | 535998 | 1@1   | CP_16QAM   | 20.29 |
| n41 | 30 | 20 | 535998 | 1@49  | CP_16QAM   | 20.45 |
| n41 | 30 | 20 | 535998 | 51@0  | CP_64QAM   | 19.13 |
| n41 | 30 | 20 | 535998 | 25@12 | CP_64QAM   | 19.12 |
| n41 | 30 | 20 | 535998 | 1@1   | CP_64QAM   | 18.90 |
| n41 | 30 | 20 | 535998 | 1@49  | CP_64QAM   | 19.07 |
| n41 | 30 | 20 | 535998 | 51@0  | CP_256QAM  | 16.10 |
| n41 | 30 | 20 | 535998 | 25@12 | CP_256QAM  | 16.07 |
| n41 | 30 | 20 | 535998 | 1@1   | CP_256QAM  | 15.80 |
| n41 | 30 | 20 | 535998 | 1@49  | CP_256QAM  | 15.97 |
| n41 | 30 | 30 | 502200 | 75@0  | DFT_BPSK   | 22.69 |
| n41 | 30 | 30 | 502200 | 36@18 | DFT_BPSK   | 22.85 |
| n41 | 30 | 30 | 502200 | 1@1   | DFT_BPSK   | 22.54 |
| n41 | 30 | 30 | 502200 | 1@76  | DFT_BPSK   | 22.45 |
| n41 | 30 | 30 | 502200 | 75@0  | DFT_QPSK   | 22.78 |
| n41 | 30 | 30 | 502200 | 36@18 | DFT_QPSK   | 22.89 |
| n41 | 30 | 30 | 502200 | 1@1   | DFT_QPSK   | 22.48 |
| n41 | 30 | 30 | 502200 | 1@76  | DFT_QPSK   | 22.38 |
| n41 | 30 | 30 | 502200 | 75@0  | DFT_16QAM  | 21.27 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 30 | 502200 | 36@18 | DFT_16QAM  | 22.40 |
| n41 | 30 | 30 | 502200 | 1@1   | DFT_16QAM  | 22.39 |
| n41 | 30 | 30 | 502200 | 1@76  | DFT_16QAM  | 22.25 |
| n41 | 30 | 30 | 502200 | 75@0  | DFT_64QAM  | 20.25 |
| n41 | 30 | 30 | 502200 | 36@18 | DFT_64QAM  | 20.30 |
| n41 | 30 | 30 | 502200 | 1@1   | DFT_64QAM  | 19.88 |
| n41 | 30 | 30 | 502200 | 1@76  | DFT_64QAM  | 19.76 |
| n41 | 30 | 30 | 502200 | 75@0  | DFT_256QAM | 18.26 |
| n41 | 30 | 30 | 502200 | 36@18 | DFT_256QAM | 18.44 |
| n41 | 30 | 30 | 502200 | 1@1   | DFT_256QAM | 18.22 |
| n41 | 30 | 30 | 502200 | 1@76  | DFT_256QAM | 18.21 |
| n41 | 30 | 30 | 502200 | 78@0  | CP_QPSK    | 19.70 |
| n41 | 30 | 30 | 502200 | 39@19 | CP_QPSK    | 22.41 |
| n41 | 30 | 30 | 502200 | 1@1   | CP_QPSK    | 22.35 |
| n41 | 30 | 30 | 502200 | 1@76  | CP_QPSK    | 22.20 |
| n41 | 30 | 30 | 502200 | 78@0  | CP_16QAM   | 19.72 |
| n41 | 30 | 30 | 502200 | 39@19 | CP_16QAM   | 20.90 |
| n41 | 30 | 30 | 502200 | 1@1   | CP_16QAM   | 20.27 |
| n41 | 30 | 30 | 502200 | 1@76  | CP_16QAM   | 20.20 |
| n41 | 30 | 30 | 502200 | 78@0  | CP_64QAM   | 19.20 |
| n41 | 30 | 30 | 502200 | 39@19 | CP_64QAM   | 19.29 |
| n41 | 30 | 30 | 502200 | 1@1   | CP_64QAM   | 19.00 |
| n41 | 30 | 30 | 502200 | 1@76  | CP_64QAM   | 18.89 |
| n41 | 30 | 30 | 502200 | 78@0  | CP_256QAM  | 16.18 |
| n41 | 30 | 30 | 502200 | 39@19 | CP_256QAM  | 16.25 |
| n41 | 30 | 30 | 502200 | 1@1   | CP_256QAM  | 15.92 |
| n41 | 30 | 30 | 502200 | 1@76  | CP_256QAM  | 15.80 |
| n41 | 30 | 30 | 518598 | 75@0  | DFT_BPSK   | 22.69 |
| n41 | 30 | 30 | 518598 | 36@18 | DFT_BPSK   | 22.86 |
| n41 | 30 | 30 | 518598 | 1@1   | DFT_BPSK   | 22.53 |
| n41 | 30 | 30 | 518598 | 1@76  | DFT_BPSK   | 22.52 |
| n41 | 30 | 30 | 518598 | 75@0  | DFT_QPSK   | 22.83 |
| n41 | 30 | 30 | 518598 | 36@18 | DFT_QPSK   | 22.91 |
| n41 | 30 | 30 | 518598 | 1@1   | DFT_QPSK   | 22.45 |
| n41 | 30 | 30 | 518598 | 1@76  | DFT_QPSK   | 22.47 |
| n41 | 30 | 30 | 518598 | 75@0  | DFT_16QAM  | 21.31 |
| n41 | 30 | 30 | 518598 | 36@18 | DFT_16QAM  | 22.40 |
| n41 | 30 | 30 | 518598 | 1@1   | DFT_16QAM  | 22.32 |
| n41 | 30 | 30 | 518598 | 1@76  | DFT_16QAM  | 22.35 |
| n41 | 30 | 30 | 518598 | 75@0  | DFT_64QAM  | 20.29 |
| n41 | 30 | 30 | 518598 | 36@18 | DFT_64QAM  | 20.32 |
| n41 | 30 | 30 | 518598 | 1@1   | DFT_64QAM  | 19.83 |
| n41 | 30 | 30 | 518598 | 1@76  | DFT_64QAM  | 19.84 |
| n41 | 30 | 30 | 518598 | 75@0  | DFT_256QAM | 18.26 |
| n41 | 30 | 30 | 518598 | 36@18 | DFT_256QAM | 18.11 |
| n41 | 30 | 30 | 518598 | 1@1   | DFT_256QAM | 18.42 |
| n41 | 30 | 30 | 518598 | 1@76  | DFT_256QAM | 18.66 |
| n41 | 30 | 30 | 518598 | 78@0  | CP_QPSK    | 18.06 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 30 | 518598 | 39@19 | CP_QPSK    | 22.41 |
| n41 | 30 | 30 | 518598 | 1@1   | CP_QPSK    | 22.43 |
| n41 | 30 | 30 | 518598 | 1@76  | CP_QPSK    | 22.37 |
| n41 | 30 | 30 | 518598 | 78@0  | CP_16QAM   | 19.75 |
| n41 | 30 | 30 | 518598 | 39@19 | CP_16QAM   | 20.91 |
| n41 | 30 | 30 | 518598 | 1@1   | CP_16QAM   | 20.36 |
| n41 | 30 | 30 | 518598 | 1@76  | CP_16QAM   | 20.24 |
| n41 | 30 | 30 | 518598 | 78@0  | CP_64QAM   | 19.28 |
| n41 | 30 | 30 | 518598 | 39@19 | CP_64QAM   | 19.30 |
| n41 | 30 | 30 | 518598 | 1@1   | CP_64QAM   | 19.00 |
| n41 | 30 | 30 | 518598 | 1@76  | CP_64QAM   | 18.92 |
| n41 | 30 | 30 | 518598 | 78@0  | CP_256QAM  | 16.22 |
| n41 | 30 | 30 | 518598 | 39@19 | CP_256QAM  | 16.29 |
| n41 | 30 | 30 | 518598 | 1@1   | CP_256QAM  | 15.92 |
| n41 | 30 | 30 | 518598 | 1@76  | CP_256QAM  | 15.86 |
| n41 | 30 | 30 | 534996 | 75@0  | DFT_BPSK   | 22.63 |
| n41 | 30 | 30 | 534996 | 36@18 | DFT_BPSK   | 22.70 |
| n41 | 30 | 30 | 534996 | 1@1   | DFT_BPSK   | 22.42 |
| n41 | 30 | 30 | 534996 | 1@76  | DFT_BPSK   | 22.47 |
| n41 | 30 | 30 | 534996 | 75@0  | DFT_QPSK   | 22.66 |
| n41 | 30 | 30 | 534996 | 36@18 | DFT_QPSK   | 22.74 |
| n41 | 30 | 30 | 534996 | 1@1   | DFT_QPSK   | 22.36 |
| n41 | 30 | 30 | 534996 | 1@76  | DFT_QPSK   | 22.43 |
| n41 | 30 | 30 | 534996 | 75@0  | DFT_16QAM  | 21.13 |
| n41 | 30 | 30 | 534996 | 36@18 | DFT_16QAM  | 22.25 |
| n41 | 30 | 30 | 534996 | 1@1   | DFT_16QAM  | 22.19 |
| n41 | 30 | 30 | 534996 | 1@76  | DFT_16QAM  | 22.27 |
| n41 | 30 | 30 | 534996 | 75@0  | DFT_64QAM  | 20.14 |
| n41 | 30 | 30 | 534996 | 36@18 | DFT_64QAM  | 20.20 |
| n41 | 30 | 30 | 534996 | 1@1   | DFT_64QAM  | 19.72 |
| n41 | 30 | 30 | 534996 | 1@76  | DFT_64QAM  | 19.82 |
| n41 | 30 | 30 | 534996 | 75@0  | DFT_256QAM | 18.14 |
| n41 | 30 | 30 | 534996 | 36@18 | DFT_256QAM | 18.25 |
| n41 | 30 | 30 | 534996 | 1@1   | DFT_256QAM | 18.22 |
| n41 | 30 | 30 | 534996 | 1@76  | DFT_256QAM | 18.36 |
| n41 | 30 | 30 | 534996 | 78@0  | CP_QPSK    | 19.72 |
| n41 | 30 | 30 | 534996 | 39@19 | CP_QPSK    | 22.23 |
| n41 | 30 | 30 | 534996 | 1@1   | CP_QPSK    | 22.28 |
| n41 | 30 | 30 | 534996 | 1@76  | CP_QPSK    | 22.40 |
| n41 | 30 | 30 | 534996 | 78@0  | CP_16QAM   | 19.59 |
| n41 | 30 | 30 | 534996 | 39@19 | CP_16QAM   | 20.75 |
| n41 | 30 | 30 | 534996 | 1@1   | CP_16QAM   | 20.24 |
| n41 | 30 | 30 | 534996 | 1@76  | CP_16QAM   | 20.27 |
| n41 | 30 | 30 | 534996 | 78@0  | CP_64QAM   | 19.09 |
| n41 | 30 | 30 | 534996 | 39@19 | CP_64QAM   | 19.15 |
| n41 | 30 | 30 | 534996 | 1@1   | CP_64QAM   | 18.85 |
| n41 | 30 | 30 | 534996 | 1@76  | CP_64QAM   | 18.93 |
| n41 | 30 | 30 | 534996 | 78@0  | CP_256QAM  | 16.05 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 30 | 534996 | 39@19 | CP_256QAM  | 16.12 |
| n41 | 30 | 30 | 534996 | 1@1   | CP_256QAM  | 15.75 |
| n41 | 30 | 30 | 534996 | 1@76  | CP_256QAM  | 15.80 |
| n41 | 30 | 40 | 503202 | 100@0 | DFT_BPSK   | 22.63 |
| n41 | 30 | 40 | 503202 | 50@25 | DFT_BPSK   | 22.79 |
| n41 | 30 | 40 | 503202 | 1@1   | DFT_BPSK   | 22.32 |
| n41 | 30 | 40 | 503202 | 1@104 | DFT_BPSK   | 22.23 |
| n41 | 30 | 40 | 503202 | 100@0 | DFT_QPSK   | 22.64 |
| n41 | 30 | 40 | 503202 | 50@25 | DFT_QPSK   | 22.81 |
| n41 | 30 | 40 | 503202 | 1@1   | DFT_QPSK   | 22.26 |
| n41 | 30 | 40 | 503202 | 1@104 | DFT_QPSK   | 22.16 |
| n41 | 30 | 40 | 503202 | 100@0 | DFT_16QAM  | 21.15 |
| n41 | 30 | 40 | 503202 | 50@25 | DFT_16QAM  | 22.28 |
| n41 | 30 | 40 | 503202 | 1@1   | DFT_16QAM  | 22.16 |
| n41 | 30 | 40 | 503202 | 1@104 | DFT_16QAM  | 22.00 |
| n41 | 30 | 40 | 503202 | 100@0 | DFT_64QAM  | 20.14 |
| n41 | 30 | 40 | 503202 | 50@25 | DFT_64QAM  | 20.26 |
| n41 | 30 | 40 | 503202 | 1@1   | DFT_64QAM  | 19.62 |
| n41 | 30 | 40 | 503202 | 1@104 | DFT_64QAM  | 19.51 |
| n41 | 30 | 40 | 503202 | 100@0 | DFT_256QAM | 18.12 |
| n41 | 30 | 40 | 503202 | 50@25 | DFT_256QAM | 18.42 |
| n41 | 30 | 40 | 503202 | 1@1   | DFT_256QAM | 18.25 |
| n41 | 30 | 40 | 503202 | 1@104 | DFT_256QAM | 18.55 |
| n41 | 30 | 40 | 503202 | 106@0 | CP_QPSK    | 19.89 |
| n41 | 30 | 40 | 503202 | 53@26 | CP_QPSK    | 22.25 |
| n41 | 30 | 40 | 503202 | 1@1   | CP_QPSK    | 22.15 |
| n41 | 30 | 40 | 503202 | 1@104 | CP_QPSK    | 22.02 |
| n41 | 30 | 40 | 503202 | 106@0 | CP_16QAM   | 19.61 |
| n41 | 30 | 40 | 503202 | 53@26 | CP_16QAM   | 20.73 |
| n41 | 30 | 40 | 503202 | 1@1   | CP_16QAM   | 20.18 |
| n41 | 30 | 40 | 503202 | 1@104 | CP_16QAM   | 20.10 |
| n41 | 30 | 40 | 503202 | 106@0 | CP_64QAM   | 19.14 |
| n41 | 30 | 40 | 503202 | 53@26 | CP_64QAM   | 19.22 |
| n41 | 30 | 40 | 503202 | 1@1   | CP_64QAM   | 18.76 |
| n41 | 30 | 40 | 503202 | 1@104 | CP_64QAM   | 18.68 |
| n41 | 30 | 40 | 503202 | 106@0 | CP_256QAM  | 16.08 |
| n41 | 30 | 40 | 503202 | 53@26 | CP_256QAM  | 16.21 |
| n41 | 30 | 40 | 503202 | 1@1   | CP_256QAM  | 15.76 |
| n41 | 30 | 40 | 503202 | 1@104 | CP_256QAM  | 15.62 |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_BPSK   | 22.69 |
| n41 | 30 | 40 | 518598 | 50@25 | DFT_BPSK   | 22.85 |
| n41 | 30 | 40 | 518598 | 1@1   | DFT_BPSK   | 22.79 |
| n41 | 30 | 40 | 518598 | 1@104 | DFT_BPSK   | 22.77 |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_QPSK   | 22.75 |
| n41 | 30 | 40 | 518598 | 50@25 | DFT_QPSK   | 22.89 |
| n41 | 30 | 40 | 518598 | 1@1   | DFT_QPSK   | 22.23 |
| n41 | 30 | 40 | 518598 | 1@104 | DFT_QPSK   | 22.23 |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_16QAM  | 21.26 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 40 | 518598 | 50@25 | DFT_16QAM  | 22.39 |
| n41 | 30 | 40 | 518598 | 1@1   | DFT_16QAM  | 22.07 |
| n41 | 30 | 40 | 518598 | 1@104 | DFT_16QAM  | 22.05 |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_64QAM  | 20.21 |
| n41 | 30 | 40 | 518598 | 50@25 | DFT_64QAM  | 20.34 |
| n41 | 30 | 40 | 518598 | 1@1   | DFT_64QAM  | 19.56 |
| n41 | 30 | 40 | 518598 | 1@104 | DFT_64QAM  | 19.58 |
| n41 | 30 | 40 | 518598 | 100@0 | DFT_256QAM | 18.11 |
| n41 | 30 | 40 | 518598 | 50@25 | DFT_256QAM | 18.42 |
| n41 | 30 | 40 | 518598 | 1@1   | DFT_256QAM | 18.36 |
| n41 | 30 | 40 | 518598 | 1@104 | DFT_256QAM | 18.46 |
| n41 | 30 | 40 | 518598 | 106@0 | CP_QPSK    | 19.98 |
| n41 | 30 | 40 | 518598 | 53@26 | CP_QPSK    | 22.33 |
| n41 | 30 | 40 | 518598 | 1@1   | CP_QPSK    | 22.08 |
| n41 | 30 | 40 | 518598 | 1@104 | CP_QPSK    | 22.12 |
| n41 | 30 | 40 | 518598 | 106@0 | CP_16QAM   | 19.69 |
| n41 | 30 | 40 | 518598 | 53@26 | CP_16QAM   | 20.81 |
| n41 | 30 | 40 | 518598 | 1@1   | CP_16QAM   | 20.18 |
| n41 | 30 | 40 | 518598 | 1@104 | CP_16QAM   | 20.18 |
| n41 | 30 | 40 | 518598 | 106@0 | CP_64QAM   | 19.21 |
| n41 | 30 | 40 | 518598 | 53@26 | CP_64QAM   | 19.31 |
| n41 | 30 | 40 | 518598 | 1@1   | CP_64QAM   | 18.77 |
| n41 | 30 | 40 | 518598 | 1@104 | CP_64QAM   | 18.76 |
| n41 | 30 | 40 | 518598 | 106@0 | CP_256QAM  | 16.16 |
| n41 | 30 | 40 | 518598 | 53@26 | CP_256QAM  | 16.31 |
| n41 | 30 | 40 | 518598 | 1@1   | CP_256QAM  | 15.71 |
| n41 | 30 | 40 | 518598 | 1@104 | CP_256QAM  | 15.67 |
| n41 | 30 | 40 | 534000 | 100@0 | DFT_BPSK   | 22.85 |
| n41 | 30 | 40 | 534000 | 50@25 | DFT_BPSK   | 22.74 |
| n41 | 30 | 40 | 534000 | 1@1   | DFT_BPSK   | 22.18 |
| n41 | 30 | 40 | 534000 | 1@104 | DFT_BPSK   | 22.29 |
| n41 | 30 | 40 | 534000 | 100@0 | DFT_QPSK   | 22.59 |
| n41 | 30 | 40 | 534000 | 50@25 | DFT_QPSK   | 22.77 |
| n41 | 30 | 40 | 534000 | 1@1   | DFT_QPSK   | 22.12 |
| n41 | 30 | 40 | 534000 | 1@104 | DFT_QPSK   | 22.25 |
| n41 | 30 | 40 | 534000 | 100@0 | DFT_16QAM  | 21.09 |
| n41 | 30 | 40 | 534000 | 50@25 | DFT_16QAM  | 22.24 |
| n41 | 30 | 40 | 534000 | 1@1   | DFT_16QAM  | 21.96 |
| n41 | 30 | 40 | 534000 | 1@104 | DFT_16QAM  | 22.10 |
| n41 | 30 | 40 | 534000 | 100@0 | DFT_64QAM  | 20.08 |
| n41 | 30 | 40 | 534000 | 50@25 | DFT_64QAM  | 20.22 |
| n41 | 30 | 40 | 534000 | 1@1   | DFT_64QAM  | 19.49 |
| n41 | 30 | 40 | 534000 | 1@104 | DFT_64QAM  | 19.62 |
| n41 | 30 | 40 | 534000 | 100@0 | DFT_256QAM | 18.26 |
| n41 | 30 | 40 | 534000 | 50@25 | DFT_256QAM | 18.33 |
| n41 | 30 | 40 | 534000 | 1@1   | DFT_256QAM | 18.16 |
| n41 | 30 | 40 | 534000 | 1@104 | DFT_256QAM | 18.06 |
| n41 | 30 | 40 | 534000 | 106@0 | CP_QPSK    | 19.96 |





|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 40 | 534000 | 53@26 | CP_QPSK    | 22.20 |
| n41 | 30 | 40 | 534000 | 1@1   | CP_QPSK    | 21.95 |
| n41 | 30 | 40 | 534000 | 1@104 | CP_QPSK    | 22.08 |
| n41 | 30 | 40 | 534000 | 106@0 | CP_16QAM   | 19.59 |
| n41 | 30 | 40 | 534000 | 53@26 | CP_16QAM   | 20.67 |
| n41 | 30 | 40 | 534000 | 1@1   | CP_16QAM   | 20.06 |
| n41 | 30 | 40 | 534000 | 1@104 | CP_16QAM   | 20.16 |
| n41 | 30 | 40 | 534000 | 106@0 | CP_64QAM   | 19.09 |
| n41 | 30 | 40 | 534000 | 53@26 | CP_64QAM   | 19.16 |
| n41 | 30 | 40 | 534000 | 1@1   | CP_64QAM   | 18.64 |
| n41 | 30 | 40 | 534000 | 1@104 | CP_64QAM   | 18.77 |
| n41 | 30 | 40 | 534000 | 106@0 | CP_256QAM  | 16.06 |
| n41 | 30 | 40 | 534000 | 53@26 | CP_256QAM  | 16.18 |
| n41 | 30 | 40 | 534000 | 1@1   | CP_256QAM  | 15.59 |
| n41 | 30 | 40 | 534000 | 1@104 | CP_256QAM  | 15.68 |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_BPSK   | 22.96 |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_BPSK   | 22.82 |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_BPSK   | 22.65 |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_BPSK   | 22.54 |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_QPSK   | 22.70 |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_QPSK   | 22.83 |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_QPSK   | 22.58 |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_QPSK   | 22.47 |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_16QAM  | 21.22 |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_16QAM  | 22.35 |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_16QAM  | 22.45 |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_16QAM  | 22.30 |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_64QAM  | 20.19 |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_64QAM  | 20.30 |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_64QAM  | 19.94 |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_64QAM  | 19.82 |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_256QAM | 18.26 |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_256QAM | 18.45 |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_256QAM | 18.25 |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_256QAM | 18.71 |
| n41 | 30 | 50 | 504204 | 133@0 | CP_QPSK    | 19.86 |
| n41 | 30 | 50 | 504204 | 67@33 | CP_QPSK    | 22.30 |
| n41 | 30 | 50 | 504204 | 1@1   | CP_QPSK    | 22.69 |
| n41 | 30 | 50 | 504204 | 1@131 | CP_QPSK    | 22.85 |
| n41 | 30 | 50 | 504204 | 133@0 | CP_16QAM   | 19.71 |
| n41 | 30 | 50 | 504204 | 67@33 | CP_16QAM   | 20.80 |
| n41 | 30 | 50 | 504204 | 1@1   | CP_16QAM   | 20.39 |
| n41 | 30 | 50 | 504204 | 1@131 | CP_16QAM   | 20.32 |
| n41 | 30 | 50 | 504204 | 133@0 | CP_64QAM   | 19.23 |
| n41 | 30 | 50 | 504204 | 67@33 | CP_64QAM   | 19.33 |
| n41 | 30 | 50 | 504204 | 1@1   | CP_64QAM   | 19.07 |
| n41 | 30 | 50 | 504204 | 1@131 | CP_64QAM   | 18.95 |
| n41 | 30 | 50 | 504204 | 133@0 | CP_256QAM  | 16.17 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 50 | 504204 | 67@33 | CP_256QAM  | 16.26 |
| n41 | 30 | 50 | 504204 | 1@1   | CP_256QAM  | 16.02 |
| n41 | 30 | 50 | 504204 | 1@131 | CP_256QAM  | 15.86 |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_BPSK   | 22.36 |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_BPSK   | 22.89 |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_BPSK   | 22.61 |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_BPSK   | 22.66 |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_QPSK   | 22.82 |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_QPSK   | 22.90 |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_QPSK   | 22.54 |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_QPSK   | 22.60 |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_16QAM  | 21.32 |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_16QAM  | 22.43 |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_16QAM  | 22.41 |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_16QAM  | 22.50 |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_64QAM  | 20.30 |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_64QAM  | 20.36 |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_64QAM  | 19.85 |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_64QAM  | 19.92 |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_256QAM | 18.26 |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_256QAM | 18.14 |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_256QAM | 18.42 |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_256QAM | 18.36 |
| n41 | 30 | 50 | 518598 | 133@0 | CP_QPSK    | 19.85 |
| n41 | 30 | 50 | 518598 | 67@33 | CP_QPSK    | 22.13 |
| n41 | 30 | 50 | 518598 | 1@1   | CP_QPSK    | 22.56 |
| n41 | 30 | 50 | 518598 | 1@131 | CP_QPSK    | 22.71 |
| n41 | 30 | 50 | 518598 | 133@0 | CP_16QAM   | 22.36 |
| n41 | 30 | 50 | 518598 | 67@33 | CP_16QAM   | 20.87 |
| n41 | 30 | 50 | 518598 | 1@1   | CP_16QAM   | 20.38 |
| n41 | 30 | 50 | 518598 | 1@131 | CP_16QAM   | 20.39 |
| n41 | 30 | 50 | 518598 | 133@0 | CP_64QAM   | 19.35 |
| n41 | 30 | 50 | 518598 | 67@33 | CP_64QAM   | 19.39 |
| n41 | 30 | 50 | 518598 | 1@1   | CP_64QAM   | 19.07 |
| n41 | 30 | 50 | 518598 | 1@131 | CP_64QAM   | 19.11 |
| n41 | 30 | 50 | 518598 | 133@0 | CP_256QAM  | 16.27 |
| n41 | 30 | 50 | 518598 | 67@33 | CP_256QAM  | 16.34 |
| n41 | 30 | 50 | 518598 | 1@1   | CP_256QAM  | 15.95 |
| n41 | 30 | 50 | 518598 | 1@131 | CP_256QAM  | 15.97 |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_BPSK   | 22.68 |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_BPSK   | 22.75 |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_BPSK   | 22.49 |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_BPSK   | 22.59 |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QPSK   | 22.62 |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_QPSK   | 22.77 |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_QPSK   | 22.45 |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_QPSK   | 22.50 |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_16QAM  | 21.15 |





|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 50 | 532998 | 64@32 | DFT_16QAM  | 22.29 |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_16QAM  | 22.31 |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_16QAM  | 22.37 |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_64QAM  | 20.11 |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_64QAM  | 20.25 |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_64QAM  | 19.74 |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_64QAM  | 19.84 |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_256QAM | 18.16 |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_256QAM | 18.26 |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_256QAM | 18.25 |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_256QAM | 18.36 |
| n41 | 30 | 50 | 532998 | 133@0 | CP_QPSK    | 19.68 |
| n41 | 30 | 50 | 532998 | 67@33 | CP_QPSK    | 22.25 |
| n41 | 30 | 50 | 532998 | 1@1   | CP_QPSK    | 22.31 |
| n41 | 30 | 50 | 532998 | 1@131 | CP_QPSK    | 22.43 |
| n41 | 30 | 50 | 532998 | 133@0 | CP_16QAM   | 19.61 |
| n41 | 30 | 50 | 532998 | 67@33 | CP_16QAM   | 20.74 |
| n41 | 30 | 50 | 532998 | 1@1   | CP_16QAM   | 20.30 |
| n41 | 30 | 50 | 532998 | 1@131 | CP_16QAM   | 20.45 |
| n41 | 30 | 50 | 532998 | 133@0 | CP_64QAM   | 19.12 |
| n41 | 30 | 50 | 532998 | 67@33 | CP_64QAM   | 19.25 |
| n41 | 30 | 50 | 532998 | 1@1   | CP_64QAM   | 18.92 |
| n41 | 30 | 50 | 532998 | 1@131 | CP_64QAM   | 19.03 |
| n41 | 30 | 50 | 532998 | 133@0 | CP_256QAM  | 16.08 |
| n41 | 30 | 50 | 532998 | 67@33 | CP_256QAM  | 16.19 |
| n41 | 30 | 50 | 532998 | 1@1   | CP_256QAM  | 15.82 |
| n41 | 30 | 50 | 532998 | 1@131 | CP_256QAM  | 15.94 |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_BPSK   | 22.64 |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_BPSK   | 22.81 |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_BPSK   | 22.46 |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_BPSK   | 22.38 |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QPSK   | 22.70 |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_QPSK   | 22.81 |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_QPSK   | 22.41 |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_QPSK   | 22.32 |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_16QAM  | 21.20 |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_16QAM  | 22.33 |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_16QAM  | 22.25 |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_16QAM  | 22.13 |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_64QAM  | 20.15 |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_64QAM  | 20.30 |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_64QAM  | 19.77 |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_64QAM  | 19.69 |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_256QAM | 18.12 |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_256QAM | 18.28 |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_256QAM | 17.91 |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_256QAM | 17.85 |
| n41 | 30 | 60 | 505200 | 162@0 | CP_QPSK    | 19.65 |



|     |    |    |        |       |            |       |
|-----|----|----|--------|-------|------------|-------|
| n41 | 30 | 60 | 505200 | 81@40 | CP_QPSK    | 22.13 |
| n41 | 30 | 60 | 505200 | 1@1   | CP_QPSK    | 22.26 |
| n41 | 30 | 60 | 505200 | 1@160 | CP_QPSK    | 22.27 |
| n41 | 30 | 60 | 505200 | 162@0 | CP_16QAM   | 19.62 |
| n41 | 30 | 60 | 505200 | 81@40 | CP_16QAM   | 20.89 |
| n41 | 30 | 60 | 505200 | 1@1   | CP_16QAM   | 20.19 |
| n41 | 30 | 60 | 505200 | 1@160 | CP_16QAM   | 20.14 |
| n41 | 30 | 60 | 505200 | 162@0 | CP_64QAM   | 19.15 |
| n41 | 30 | 60 | 505200 | 81@40 | CP_64QAM   | 19.27 |
| n41 | 30 | 60 | 505200 | 1@1   | CP_64QAM   | 18.94 |
| n41 | 30 | 60 | 505200 | 1@160 | CP_64QAM   | 18.84 |
| n41 | 30 | 60 | 505200 | 162@0 | CP_256QAM  | 16.09 |
| n41 | 30 | 60 | 505200 | 81@40 | CP_256QAM  | 16.27 |
| n41 | 30 | 60 | 505200 | 1@1   | CP_256QAM  | 15.82 |
| n41 | 30 | 60 | 505200 | 1@160 | CP_256QAM  | 15.73 |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_BPSK   | 22.33 |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_BPSK   | 22.24 |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_BPSK   | 22.58 |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_BPSK   | 22.88 |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QPSK   | 22.86 |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_QPSK   | 22.90 |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_QPSK   | 22.41 |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_QPSK   | 22.45 |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_16QAM  | 21.34 |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_16QAM  | 22.39 |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_16QAM  | 22.20 |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_16QAM  | 22.29 |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_64QAM  | 20.26 |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_64QAM  | 20.38 |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_64QAM  | 19.74 |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_64QAM  | 19.81 |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_256QAM | 18.26 |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_256QAM | 18.33 |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_256QAM | 18.14 |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_256QAM | 18.25 |
| n41 | 30 | 60 | 518598 | 162@0 | CP_QPSK    | 19.55 |
| n41 | 30 | 60 | 518598 | 81@40 | CP_QPSK    | 22.16 |
| n41 | 30 | 60 | 518598 | 1@1   | CP_QPSK    | 22.55 |
| n41 | 30 | 60 | 518598 | 1@160 | CP_QPSK    | 22.87 |
| n41 | 30 | 60 | 518598 | 162@0 | CP_16QAM   | 19.78 |
| n41 | 30 | 60 | 518598 | 81@40 | CP_16QAM   | 20.94 |
| n41 | 30 | 60 | 518598 | 1@1   | CP_16QAM   | 20.27 |
| n41 | 30 | 60 | 518598 | 1@160 | CP_16QAM   | 20.33 |
| n41 | 30 | 60 | 518598 | 162@0 | CP_64QAM   | 19.28 |
| n41 | 30 | 60 | 518598 | 81@40 | CP_64QAM   | 19.36 |
| n41 | 30 | 60 | 518598 | 1@1   | CP_64QAM   | 18.90 |
| n41 | 30 | 60 | 518598 | 1@160 | CP_64QAM   | 18.95 |
| n41 | 30 | 60 | 518598 | 162@0 | CP_256QAM  | 16.22 |



|     |    |    |        |        |            |       |
|-----|----|----|--------|--------|------------|-------|
| n41 | 30 | 60 | 518598 | 81@40  | CP_256QAM  | 16.34 |
| n41 | 30 | 60 | 518598 | 1@1    | CP_256QAM  | 15.83 |
| n41 | 30 | 60 | 518598 | 1@160  | CP_256QAM  | 15.87 |
| n41 | 30 | 60 | 531996 | 162@0  | DFT_BPSK   | 22.69 |
| n41 | 30 | 60 | 531996 | 81@40  | DFT_BPSK   | 22.85 |
| n41 | 30 | 60 | 531996 | 1@1    | DFT_BPSK   | 22.76 |
| n41 | 30 | 60 | 531996 | 1@160  | DFT_BPSK   | 22.76 |
| n41 | 30 | 60 | 531996 | 162@0  | DFT_QPSK   | 22.61 |
| n41 | 30 | 60 | 531996 | 81@40  | DFT_QPSK   | 22.77 |
| n41 | 30 | 60 | 531996 | 1@1    | DFT_QPSK   | 22.29 |
| n41 | 30 | 60 | 531996 | 1@160  | DFT_QPSK   | 22.39 |
| n41 | 30 | 60 | 531996 | 162@0  | DFT_16QAM  | 21.11 |
| n41 | 30 | 60 | 531996 | 81@40  | DFT_16QAM  | 22.28 |
| n41 | 30 | 60 | 531996 | 1@1    | DFT_16QAM  | 22.20 |
| n41 | 30 | 60 | 531996 | 1@160  | DFT_16QAM  | 22.24 |
| n41 | 30 | 60 | 531996 | 162@0  | DFT_64QAM  | 20.04 |
| n41 | 30 | 60 | 531996 | 81@40  | DFT_64QAM  | 20.24 |
| n41 | 30 | 60 | 531996 | 1@1    | DFT_64QAM  | 19.64 |
| n41 | 30 | 60 | 531996 | 1@160  | DFT_64QAM  | 19.71 |
| n41 | 30 | 60 | 531996 | 162@0  | DFT_256QAM | 18.33 |
| n41 | 30 | 60 | 531996 | 81@40  | DFT_256QAM | 18.22 |
| n41 | 30 | 60 | 531996 | 1@1    | DFT_256QAM | 18.25 |
| n41 | 30 | 60 | 531996 | 1@160  | DFT_256QAM | 18.42 |
| n41 | 30 | 60 | 531996 | 162@0  | CP_QPSK    | 19.88 |
| n41 | 30 | 60 | 531996 | 81@40  | CP_QPSK    | 22.31 |
| n41 | 30 | 60 | 531996 | 1@1    | CP_QPSK    | 22.26 |
| n41 | 30 | 60 | 531996 | 1@160  | CP_QPSK    | 22.28 |
| n41 | 30 | 60 | 531996 | 162@0  | CP_16QAM   | 19.53 |
| n41 | 30 | 60 | 531996 | 81@40  | CP_16QAM   | 20.79 |
| n41 | 30 | 60 | 531996 | 1@1    | CP_16QAM   | 20.11 |
| n41 | 30 | 60 | 531996 | 1@160  | CP_16QAM   | 20.19 |
| n41 | 30 | 60 | 531996 | 162@0  | CP_64QAM   | 19.06 |
| n41 | 30 | 60 | 531996 | 81@40  | CP_64QAM   | 19.22 |
| n41 | 30 | 60 | 531996 | 1@1    | CP_64QAM   | 18.81 |
| n41 | 30 | 60 | 531996 | 1@160  | CP_64QAM   | 18.89 |
| n41 | 30 | 60 | 531996 | 162@0  | CP_256QAM  | 16.02 |
| n41 | 30 | 60 | 531996 | 81@40  | CP_256QAM  | 16.21 |
| n41 | 30 | 60 | 531996 | 1@1    | CP_256QAM  | 15.67 |
| n41 | 30 | 60 | 531996 | 1@160  | CP_256QAM  | 15.76 |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_BPSK   | 22.56 |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_BPSK   | 22.32 |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_BPSK   | 21.89 |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_BPSK   | 21.70 |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_QPSK   | 22.18 |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_QPSK   | 22.36 |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_QPSK   | 21.80 |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_QPSK   | 21.66 |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_16QAM  | 20.70 |



|     |    |    |        |        |            |       |
|-----|----|----|--------|--------|------------|-------|
| n41 | 30 | 80 | 507204 | 108@54 | DFT_16QAM  | 21.91 |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_16QAM  | 21.90 |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_16QAM  | 21.62 |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_64QAM  | 19.67 |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_64QAM  | 19.82 |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_64QAM  | 19.17 |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_64QAM  | 18.99 |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_256QAM | 18.25 |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_256QAM | 18.14 |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_256QAM | 18.22 |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_256QAM | 18.36 |
| n41 | 30 | 80 | 507204 | 217@0  | CP_QPSK    | 19.63 |
| n41 | 30 | 80 | 507204 | 109@54 | CP_QPSK    | 21.85 |
| n41 | 30 | 80 | 507204 | 1@1    | CP_QPSK    | 21.36 |
| n41 | 30 | 80 | 507204 | 1@215  | CP_QPSK    | 21.22 |
| n41 | 30 | 80 | 507204 | 217@0  | CP_16QAM   | 19.10 |
| n41 | 30 | 80 | 507204 | 109@54 | CP_16QAM   | 20.38 |
| n41 | 30 | 80 | 507204 | 1@1    | CP_16QAM   | 19.69 |
| n41 | 30 | 80 | 507204 | 1@215  | CP_16QAM   | 19.57 |
| n41 | 30 | 80 | 507204 | 217@0  | CP_64QAM   | 18.64 |
| n41 | 30 | 80 | 507204 | 109@54 | CP_64QAM   | 18.80 |
| n41 | 30 | 80 | 507204 | 1@1    | CP_64QAM   | 18.38 |
| n41 | 30 | 80 | 507204 | 1@215  | CP_64QAM   | 18.17 |
| n41 | 30 | 80 | 507204 | 217@0  | CP_256QAM  | 15.62 |
| n41 | 30 | 80 | 507204 | 109@54 | CP_256QAM  | 15.81 |
| n41 | 30 | 80 | 507204 | 1@1    | CP_256QAM  | 15.26 |
| n41 | 30 | 80 | 507204 | 1@215  | CP_256QAM  | 15.03 |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_BPSK   | 22.26 |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_BPSK   | 22.36 |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_BPSK   | 21.85 |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_BPSK   | 21.76 |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_QPSK   | 22.29 |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_QPSK   | 22.39 |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_QPSK   | 21.76 |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_QPSK   | 21.68 |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_16QAM  | 20.81 |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_16QAM  | 21.93 |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_16QAM  | 21.70 |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_16QAM  | 21.73 |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_64QAM  | 19.77 |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_64QAM  | 19.85 |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_64QAM  | 19.16 |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_64QAM  | 19.06 |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_256QAM | 17.74 |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_256QAM | 17.81 |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_256QAM | 17.27 |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_256QAM | 17.19 |
| n41 | 30 | 80 | 518598 | 217@0  | CP_QPSK    | 19.27 |



|     |    |    |        |        |            |       |
|-----|----|----|--------|--------|------------|-------|
| n41 | 30 | 80 | 518598 | 109@54 | CP_QPSK    | 21.88 |
| n41 | 30 | 80 | 518598 | 1@1    | CP_QPSK    | 21.38 |
| n41 | 30 | 80 | 518598 | 1@215  | CP_QPSK    | 21.17 |
| n41 | 30 | 80 | 518598 | 217@0  | CP_16QAM   | 19.20 |
| n41 | 30 | 80 | 518598 | 109@54 | CP_16QAM   | 20.42 |
| n41 | 30 | 80 | 518598 | 1@1    | CP_16QAM   | 19.68 |
| n41 | 30 | 80 | 518598 | 1@215  | CP_16QAM   | 19.53 |
| n41 | 30 | 80 | 518598 | 217@0  | CP_64QAM   | 18.71 |
| n41 | 30 | 80 | 518598 | 109@54 | CP_64QAM   | 18.81 |
| n41 | 30 | 80 | 518598 | 1@1    | CP_64QAM   | 18.29 |
| n41 | 30 | 80 | 518598 | 1@215  | CP_64QAM   | 18.22 |
| n41 | 30 | 80 | 518598 | 217@0  | CP_256QAM  | 15.72 |
| n41 | 30 | 80 | 518598 | 109@54 | CP_256QAM  | 15.81 |
| n41 | 30 | 80 | 518598 | 1@1    | CP_256QAM  | 15.16 |
| n41 | 30 | 80 | 518598 | 1@215  | CP_256QAM  | 15.07 |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_BPSK   | 22.35 |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_BPSK   | 22.27 |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_BPSK   | 21.85 |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_BPSK   | 21.78 |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_QPSK   | 22.15 |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_QPSK   | 22.29 |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_QPSK   | 21.76 |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_QPSK   | 21.74 |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_16QAM  | 20.64 |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_16QAM  | 21.82 |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_16QAM  | 21.83 |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_16QAM  | 21.69 |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_64QAM  | 19.61 |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_64QAM  | 19.71 |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_64QAM  | 19.14 |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_64QAM  | 19.10 |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_256QAM | 18.12 |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_256QAM | 18.03 |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_256QAM | 17.99 |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_256QAM | 18.00 |
| n41 | 30 | 80 | 529998 | 217@0  | CP_QPSK    | 19.33 |
| n41 | 30 | 80 | 529998 | 109@54 | CP_QPSK    | 21.69 |
| n41 | 30 | 80 | 529998 | 1@1    | CP_QPSK    | 21.27 |
| n41 | 30 | 80 | 529998 | 1@215  | CP_QPSK    | 21.25 |
| n41 | 30 | 80 | 529998 | 217@0  | CP_16QAM   | 19.05 |
| n41 | 30 | 80 | 529998 | 109@54 | CP_16QAM   | 20.24 |
| n41 | 30 | 80 | 529998 | 1@1    | CP_16QAM   | 19.71 |
| n41 | 30 | 80 | 529998 | 1@215  | CP_16QAM   | 19.64 |
| n41 | 30 | 80 | 529998 | 217@0  | CP_64QAM   | 18.50 |
| n41 | 30 | 80 | 529998 | 109@54 | CP_64QAM   | 18.62 |
| n41 | 30 | 80 | 529998 | 1@1    | CP_64QAM   | 18.28 |
| n41 | 30 | 80 | 529998 | 1@215  | CP_64QAM   | 18.19 |
| n41 | 30 | 80 | 529998 | 217@0  | CP_256QAM  | 15.49 |



|     |    |    |        |        |            |       |
|-----|----|----|--------|--------|------------|-------|
| n41 | 30 | 80 | 529998 | 109@54 | CP_256QAM  | 15.60 |
| n41 | 30 | 80 | 529998 | 1@1    | CP_256QAM  | 15.10 |
| n41 | 30 | 80 | 529998 | 1@215  | CP_256QAM  | 15.03 |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_BPSK   | 22.85 |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_BPSK   | 22.78 |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_BPSK   | 22.17 |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_BPSK   | 22.15 |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_QPSK   | 22.64 |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_QPSK   | 22.80 |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_QPSK   | 22.13 |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_QPSK   | 22.08 |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_16QAM  | 21.16 |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_16QAM  | 22.31 |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_16QAM  | 22.03 |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_16QAM  | 21.92 |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_64QAM  | 20.12 |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_64QAM  | 20.26 |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_64QAM  | 19.44 |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_64QAM  | 19.40 |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_256QAM | 18.15 |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_256QAM | 18.36 |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_256QAM | 17.83 |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_256QAM | 17.99 |
| n41 | 30 | 90 | 508200 | 245@0  | CP_QPSK    | 19.56 |
| n41 | 30 | 90 | 508200 | 123@61 | CP_QPSK    | 22.32 |
| n41 | 30 | 90 | 508200 | 1@1    | CP_QPSK    | 21.98 |
| n41 | 30 | 90 | 508200 | 1@243  | CP_QPSK    | 21.94 |
| n41 | 30 | 90 | 508200 | 245@0  | CP_16QAM   | 19.58 |
| n41 | 30 | 90 | 508200 | 123@61 | CP_16QAM   | 20.79 |
| n41 | 30 | 90 | 508200 | 1@1    | CP_16QAM   | 19.93 |
| n41 | 30 | 90 | 508200 | 1@243  | CP_16QAM   | 19.91 |
| n41 | 30 | 90 | 508200 | 245@0  | CP_64QAM   | 19.10 |
| n41 | 30 | 90 | 508200 | 123@61 | CP_64QAM   | 19.27 |
| n41 | 30 | 90 | 508200 | 1@1    | CP_64QAM   | 18.64 |
| n41 | 30 | 90 | 508200 | 1@243  | CP_64QAM   | 18.59 |
| n41 | 30 | 90 | 508200 | 245@0  | CP_256QAM  | 16.03 |
| n41 | 30 | 90 | 508200 | 123@61 | CP_256QAM  | 16.22 |
| n41 | 30 | 90 | 508200 | 1@1    | CP_256QAM  | 15.49 |
| n41 | 30 | 90 | 508200 | 1@243  | CP_256QAM  | 15.47 |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_BPSK   | 22.74 |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_BPSK   | 22.83 |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_BPSK   | 22.12 |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_BPSK   | 22.18 |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_QPSK   | 22.72 |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_QPSK   | 22.83 |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_QPSK   | 22.08 |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_QPSK   | 22.11 |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_16QAM  | 21.23 |





|     |    |    |        |        |            |       |
|-----|----|----|--------|--------|------------|-------|
| n41 | 30 | 90 | 518598 | 120@60 | DFT_16QAM  | 22.39 |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_16QAM  | 21.92 |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_16QAM  | 21.96 |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_64QAM  | 20.18 |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_64QAM  | 20.29 |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_64QAM  | 19.39 |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_64QAM  | 19.39 |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_256QAM | 18.24 |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_256QAM | 18.15 |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_256QAM | 18.22 |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_256QAM | 18.36 |
| n41 | 30 | 90 | 518598 | 245@0  | CP_QPSK    | 19.77 |
| n41 | 30 | 90 | 518598 | 123@61 | CP_QPSK    | 22.38 |
| n41 | 30 | 90 | 518598 | 1@1    | CP_QPSK    | 21.99 |
| n41 | 30 | 90 | 518598 | 1@243  | CP_QPSK    | 21.98 |
| n41 | 30 | 90 | 518598 | 245@0  | CP_16QAM   | 19.67 |
| n41 | 30 | 90 | 518598 | 123@61 | CP_16QAM   | 20.82 |
| n41 | 30 | 90 | 518598 | 1@1    | CP_16QAM   | 20.00 |
| n41 | 30 | 90 | 518598 | 1@243  | CP_16QAM   | 20.00 |
| n41 | 30 | 90 | 518598 | 245@0  | CP_64QAM   | 19.18 |
| n41 | 30 | 90 | 518598 | 123@61 | CP_64QAM   | 19.31 |
| n41 | 30 | 90 | 518598 | 1@1    | CP_64QAM   | 18.60 |
| n41 | 30 | 90 | 518598 | 1@243  | CP_64QAM   | 18.61 |
| n41 | 30 | 90 | 518598 | 245@0  | CP_256QAM  | 16.11 |
| n41 | 30 | 90 | 518598 | 123@61 | CP_256QAM  | 16.23 |
| n41 | 30 | 90 | 518598 | 1@1    | CP_256QAM  | 15.46 |
| n41 | 30 | 90 | 518598 | 1@243  | CP_256QAM  | 15.46 |
| n41 | 30 | 90 | 528996 | 240@0  | DFT_BPSK   | 22.66 |
| n41 | 30 | 90 | 528996 | 120@60 | DFT_BPSK   | 22.81 |
| n41 | 30 | 90 | 528996 | 1@1    | DFT_BPSK   | 22.11 |
| n41 | 30 | 90 | 528996 | 1@243  | DFT_BPSK   | 22.21 |
| n41 | 30 | 90 | 528996 | 240@0  | DFT_QPSK   | 22.69 |
| n41 | 30 | 90 | 528996 | 120@60 | DFT_QPSK   | 22.83 |
| n41 | 30 | 90 | 528996 | 1@1    | DFT_QPSK   | 22.06 |
| n41 | 30 | 90 | 528996 | 1@243  | DFT_QPSK   | 22.17 |
| n41 | 30 | 90 | 528996 | 240@0  | DFT_16QAM  | 21.17 |
| n41 | 30 | 90 | 528996 | 120@60 | DFT_16QAM  | 22.36 |
| n41 | 30 | 90 | 528996 | 1@1    | DFT_16QAM  | 21.89 |
| n41 | 30 | 90 | 528996 | 1@243  | DFT_16QAM  | 22.02 |
| n41 | 30 | 90 | 528996 | 240@0  | DFT_64QAM  | 20.16 |
| n41 | 30 | 90 | 528996 | 120@60 | DFT_64QAM  | 20.29 |
| n41 | 30 | 90 | 528996 | 1@1    | DFT_64QAM  | 19.36 |
| n41 | 30 | 90 | 528996 | 1@243  | DFT_64QAM  | 19.44 |
| n41 | 30 | 90 | 528996 | 240@0  | DFT_256QAM | 18.26 |
| n41 | 30 | 90 | 528996 | 120@60 | DFT_256QAM | 18.14 |
| n41 | 30 | 90 | 528996 | 1@1    | DFT_256QAM | 18.48 |
| n41 | 30 | 90 | 528996 | 1@243  | DFT_256QAM | 18.12 |
| n41 | 30 | 90 | 528996 | 245@0  | CP_QPSK    | 19.97 |





|     |    |     |        |        |            |       |
|-----|----|-----|--------|--------|------------|-------|
| n41 | 30 | 90  | 528996 | 123@61 | CP_QPSK    | 22.35 |
| n41 | 30 | 90  | 528996 | 1@1    | CP_QPSK    | 21.88 |
| n41 | 30 | 90  | 528996 | 1@243  | CP_QPSK    | 22.00 |
| n41 | 30 | 90  | 528996 | 245@0  | CP_16QAM   | 19.63 |
| n41 | 30 | 90  | 528996 | 123@61 | CP_16QAM   | 20.80 |
| n41 | 30 | 90  | 528996 | 1@1    | CP_16QAM   | 19.97 |
| n41 | 30 | 90  | 528996 | 1@243  | CP_16QAM   | 20.12 |
| n41 | 30 | 90  | 528996 | 245@0  | CP_64QAM   | 19.11 |
| n41 | 30 | 90  | 528996 | 123@61 | CP_64QAM   | 19.29 |
| n41 | 30 | 90  | 528996 | 1@1    | CP_64QAM   | 18.55 |
| n41 | 30 | 90  | 528996 | 1@243  | CP_64QAM   | 18.73 |
| n41 | 30 | 90  | 528996 | 245@0  | CP_256QAM  | 16.06 |
| n41 | 30 | 90  | 528996 | 123@61 | CP_256QAM  | 16.23 |
| n41 | 30 | 90  | 528996 | 1@1    | CP_256QAM  | 15.42 |
| n41 | 30 | 90  | 528996 | 1@243  | CP_256QAM  | 15.59 |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_BPSK   | 23.16 |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_BPSK   | 23.14 |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_BPSK   | 23.25 |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_BPSK   | 23.36 |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_QPSK   | 23.13 |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_QPSK   | 23.27 |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_QPSK   | 22.49 |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_QPSK   | 22.46 |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_16QAM  | 21.61 |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_16QAM  | 22.78 |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_16QAM  | 22.34 |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_16QAM  | 22.26 |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_64QAM  | 20.62 |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_64QAM  | 20.76 |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_64QAM  | 19.80 |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_64QAM  | 19.74 |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_256QAM | 18.62 |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_256QAM | 18.83 |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_256QAM | 18.55 |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_256QAM | 18.71 |
| n41 | 30 | 100 | 509202 | 273@0  | CP_QPSK    | 20.04 |
| n41 | 30 | 100 | 509202 | 137@68 | CP_QPSK    | 22.84 |
| n41 | 30 | 100 | 509202 | 1@1    | CP_QPSK    | 22.33 |
| n41 | 30 | 100 | 509202 | 1@271  | CP_QPSK    | 22.31 |
| n41 | 30 | 100 | 509202 | 273@0  | CP_16QAM   | 20.06 |
| n41 | 30 | 100 | 509202 | 137@68 | CP_16QAM   | 21.26 |
| n41 | 30 | 100 | 509202 | 1@1    | CP_16QAM   | 20.33 |
| n41 | 30 | 100 | 509202 | 1@271  | CP_16QAM   | 20.30 |
| n41 | 30 | 100 | 509202 | 273@0  | CP_64QAM   | 19.58 |
| n41 | 30 | 100 | 509202 | 137@68 | CP_64QAM   | 19.71 |
| n41 | 30 | 100 | 509202 | 1@1    | CP_64QAM   | 19.02 |
| n41 | 30 | 100 | 509202 | 1@271  | CP_64QAM   | 18.97 |
| n41 | 30 | 100 | 509202 | 273@0  | CP_256QAM  | 16.48 |



|     |    |     |        |        |            |       |
|-----|----|-----|--------|--------|------------|-------|
| n41 | 30 | 100 | 509202 | 137@68 | CP_256QAM  | 16.69 |
| n41 | 30 | 100 | 509202 | 1@1    | CP_256QAM  | 15.86 |
| n41 | 30 | 100 | 509202 | 1@271  | CP_256QAM  | 15.81 |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_BPSK   | 22.80 |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_BPSK   | 23.30 |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_BPSK   | 22.51 |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_BPSK   | 22.42 |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_QPSK   | 23.16 |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_QPSK   | 23.32 |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_QPSK   | 22.44 |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_QPSK   | 22.40 |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_16QAM  | 21.64 |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_16QAM  | 22.83 |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_16QAM  | 22.22 |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_16QAM  | 22.17 |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_64QAM  | 20.66 |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_64QAM  | 20.80 |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_64QAM  | 19.73 |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_64QAM  | 19.68 |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_256QAM | 18.39 |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_256QAM | 18.62 |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_256QAM | 18.46 |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_256QAM | 18.73 |
| n41 | 30 | 100 | 518598 | 273@0  | CP_QPSK    | 20.09 |
| n41 | 30 | 100 | 518598 | 137@68 | CP_QPSK    | 22.88 |
| n41 | 30 | 100 | 518598 | 1@1    | CP_QPSK    | 22.27 |
| n41 | 30 | 100 | 518598 | 1@271  | CP_QPSK    | 22.24 |
| n41 | 30 | 100 | 518598 | 273@0  | CP_16QAM   | 20.11 |
| n41 | 30 | 100 | 518598 | 137@68 | CP_16QAM   | 21.29 |
| n41 | 30 | 100 | 518598 | 1@1    | CP_16QAM   | 20.31 |
| n41 | 30 | 100 | 518598 | 1@271  | CP_16QAM   | 20.25 |
| n41 | 30 | 100 | 518598 | 273@0  | CP_64QAM   | 19.60 |
| n41 | 30 | 100 | 518598 | 137@68 | CP_64QAM   | 19.74 |
| n41 | 30 | 100 | 518598 | 1@1    | CP_64QAM   | 18.96 |
| n41 | 30 | 100 | 518598 | 1@271  | CP_64QAM   | 18.92 |
| n41 | 30 | 100 | 518598 | 273@0  | CP_256QAM  | 16.52 |
| n41 | 30 | 100 | 518598 | 137@68 | CP_256QAM  | 16.73 |
| n41 | 30 | 100 | 518598 | 1@1    | CP_256QAM  | 15.83 |
| n41 | 30 | 100 | 518598 | 1@271  | CP_256QAM  | 15.76 |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_BPSK   | 22.88 |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_BPSK   | 23.29 |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_BPSK   | 22.56 |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_BPSK   | 22.58 |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_QPSK   | 23.15 |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_QPSK   | 23.32 |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_QPSK   | 22.50 |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_QPSK   | 22.54 |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_16QAM  | 21.63 |



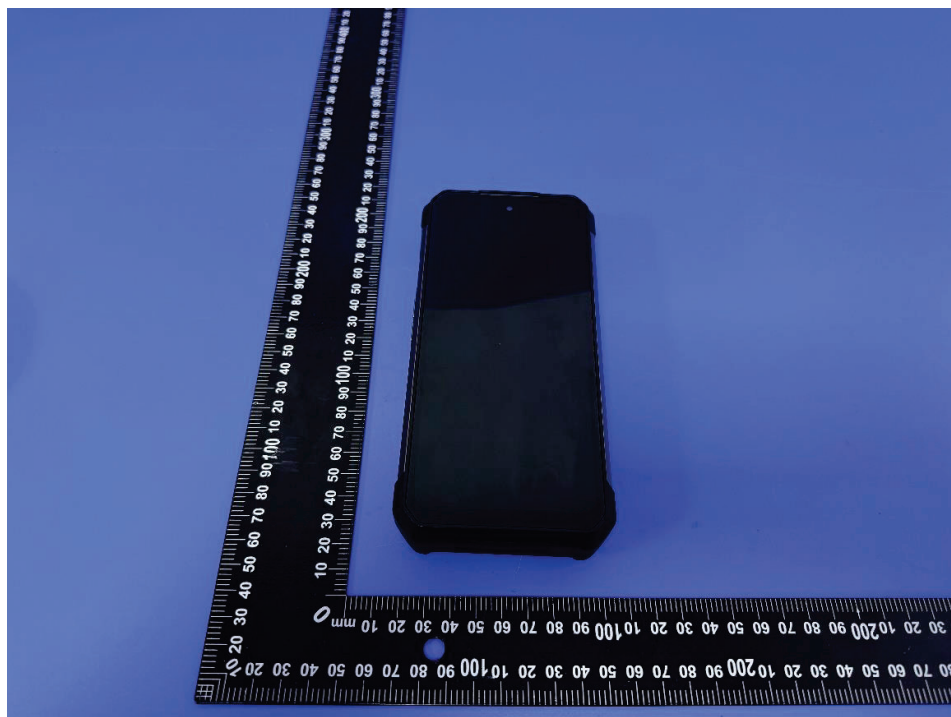
|     |    |     |        |        |            |       |
|-----|----|-----|--------|--------|------------|-------|
| n41 | 30 | 100 | 528000 | 135@67 | DFT_16QAM  | 22.82 |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_16QAM  | 22.28 |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_16QAM  | 22.30 |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_64QAM  | 20.65 |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_64QAM  | 20.80 |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_64QAM  | 19.81 |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_64QAM  | 19.81 |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_256QAM | 18.53 |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_256QAM | 18.73 |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_256QAM | 18.94 |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_256QAM | 18.62 |
| n41 | 30 | 100 | 528000 | 273@0  | CP_QPSK    | 20.19 |
| n41 | 30 | 100 | 528000 | 137@68 | CP_QPSK    | 22.88 |
| n41 | 30 | 100 | 528000 | 1@1    | CP_QPSK    | 22.33 |
| n41 | 30 | 100 | 528000 | 1@271  | CP_QPSK    | 22.38 |
| n41 | 30 | 100 | 528000 | 273@0  | CP_16QAM   | 20.09 |
| n41 | 30 | 100 | 528000 | 137@68 | CP_16QAM   | 21.25 |
| n41 | 30 | 100 | 528000 | 1@1    | CP_16QAM   | 20.36 |
| n41 | 30 | 100 | 528000 | 1@271  | CP_16QAM   | 20.42 |
| n41 | 30 | 100 | 528000 | 273@0  | CP_64QAM   | 19.57 |
| n41 | 30 | 100 | 528000 | 137@68 | CP_64QAM   | 19.75 |
| n41 | 30 | 100 | 528000 | 1@1    | CP_64QAM   | 18.99 |
| n41 | 30 | 100 | 528000 | 1@271  | CP_64QAM   | 19.06 |
| n41 | 30 | 100 | 528000 | 273@0  | CP_256QAM  | 16.52 |
| n41 | 30 | 100 | 528000 | 137@68 | CP_256QAM  | 16.75 |
| n41 | 30 | 100 | 528000 | 1@1    | CP_256QAM  | 15.85 |
| n41 | 30 | 100 | 528000 | 1@271  | CP_256QAM  | 15.93 |



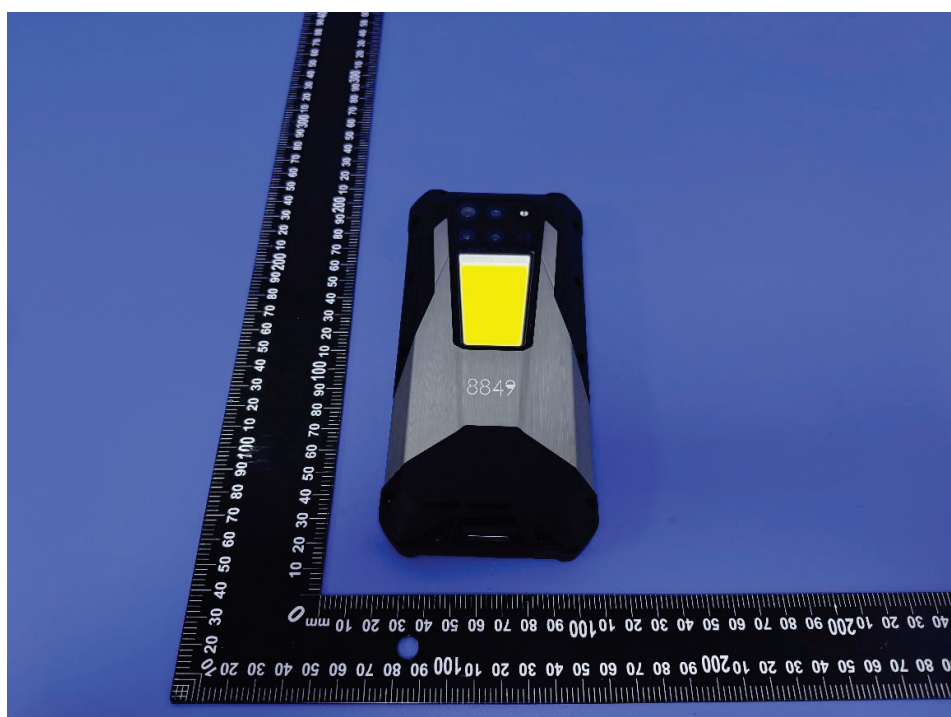
## 11. EUT and Test Setup Photo

### 11.1 EUT Photos

Front side

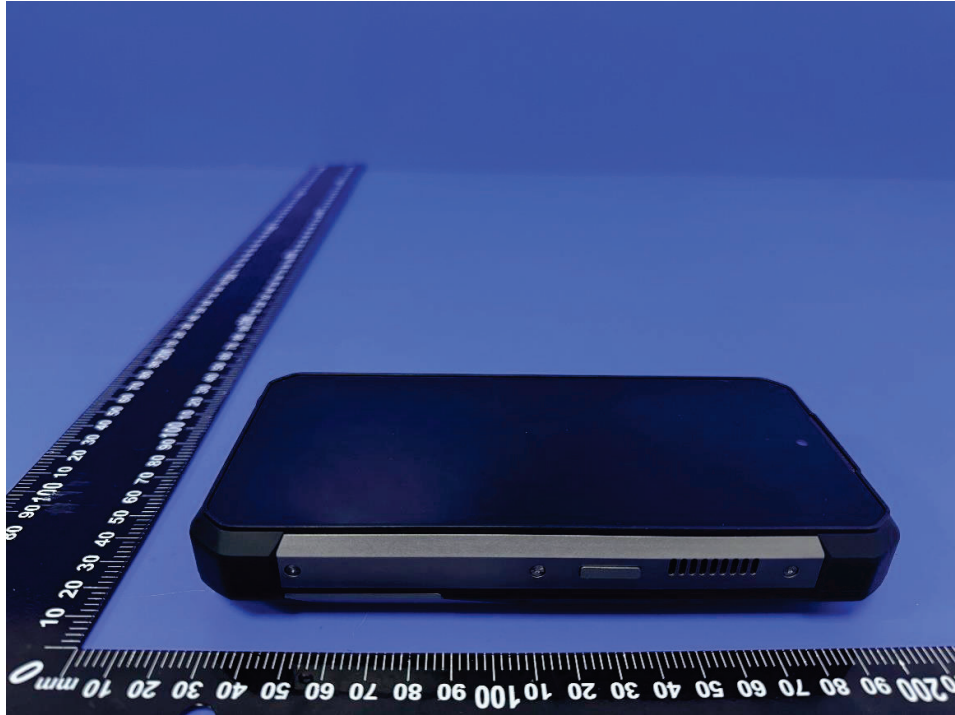


Back side





Right Edge



Left Edge

