



# TEST REPORT

## No. I22Z70331-WMD04

for

**SAMSUNG Electronics Co., Ltd.**

**Multi-band GSM/WCDMA/LTE/5G NR Phone with Bluetooth, WLAN**

**Model Name: SM-A146U**

**FCC ID: ZCASMA146U**

with

**Hardware Version: REV1.0**

**Software Version: A146U.001**

**Issued Date: 2022-11-18**

**Note:**

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of CTTL.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

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## REPORT HISTORY

Report Number	Revision	Description	Issue Date
I22Z70331-WMD04	Rev.0	1 <sup>st</sup> edition	2022-11-14
I22Z70331-WMD04	Rev.1	2 <sup>nd</sup> edition Modified the client information. Updated the results of NR n48, B66-n48 and n71 in A.2.	2022-11-15
I22Z70331-WMD04	Rev.2	3 <sup>rd</sup> edition Removed the results of 100MHz bandwidth for n77L and n78L in A.1.3. Removed a battery information.	2022-11-18

Note: the latest revision of the test report supersedes all previous version.

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## **1. Test Laboratory**

### **1.1. Introduction & Accreditation**

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2017 accredited test laboratory under NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM (NVLAP) with lab code 600118-0 and is also an FCC accredited test laboratory (CN5017), and ISED accredited test laboratory (CN0066). The detail accreditation scope can be found on NVLAP website.

### **1.2. Testing Location**

Location 1: CTTL (huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing, P.  
R. China 100191

Location 2: CTTL (BDA)

Address: No. 18A, Kangding Street, Beijing Economic-Technology Development  
Area, Beijing, 100176, P.R. China

### 1.3. Testing Environment

Normal Temperature: 15-35°C  
Relative Humidity: 20-75%

### 1.4. Project Data

Testing Start Date: 2022-09-14  
Testing End Date: 2022-11-10

### 1.5. Signature



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Dong Yuan  
(Prepared this test report)



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Zhou Yu  
(Reviewed this test report)



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Zhao Hui Lin  
Deputy Director of the laboratory  
(Approved this test report)



## **2. Client Information**

### **2.1. Applicant Information**

Company Name: SAMSUNG Electronics Co., Ltd.  
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### **2.2. Manufacturer Information**

Company Name: SAMSUNG Electronics Co., Ltd.  
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### **3. Equipment Under Test (EUT) and Ancillary Equipment (AE)**

#### **3.1. About EUT**

Description	Multi-band GSM/WCDMA/LTE/5G NR Phone with Bluetooth, WLAN
Model Name	SM-A146U
FCC ID	ZCASMA146U
Antenna	Embedded
Output power	25.99dBm maximum EIRP measured for NR n77
Extreme vol. Limits	3.5VDC to 4.4VDC (nominal: 3.85VDC)
Extreme temp. Tolerance	-10°C to +55°C

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of CTTL.

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

<b>EUT ID*</b>	<b>SN</b>	<b>HW Version</b>	<b>SW Version</b>	<b>Date of receipt</b>
UT01a	2270331UT01a	REV1.0	A146U.001	2022-09-14
UT41a	2270331UT41a	REV1.0	A146U.001	2022-09-14
UT30a	2270331UT30a	REV1.0	A146U.001	2022-09-20

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

#### **3.3. Internal Identification of AE used during the test**

<b>AE ID*</b>	<b>Description</b>
AE1	Battery

AE1

Model	WT-S-W1
Manufacturer	SCUD (Fujian) Electronics CO.,LTD
Capacitance	5000mAh

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

## **4. Reference Documents**

### **4.1. Documents supplied by applicant**

EUT parameters are supplied by the customer, which are the bases of testing. CAICT is not responsible for the accuracy of customer supplied technical information that may affect the test results (for example, antenna gain and loss of customer supplied cable).

### **4.2. Reference Documents for testing**

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

<b>Reference</b>	<b>Title</b>	<b>Version</b>
FCC Part 22	PUBLIC MOBILE SERVICES	10-1-21 Edition
FCC Part 24	PERSONAL COMMUNICATIONS SERVICES	10-1-21 Edition
FCC Part 27	MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES	10-1-21 Edition
FCC Part 96	CITIZENS BROADBAND RADIO SERVICE	10-1-21 Edition
ANSI/TIA-603-E	Land Mobile FM or PM Communications Equipment Measurement and Performance Standards	2016
ANSI C63.26	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services	2015
KDB 971168 D01	MEASUREMENT GUIDANCE FOR CERTIFICATION OF LICENSED DIGITAL TRANSMITTERS	v03r01
KDB 940660 D01	CERTIFICATION AND TEST PROCEDURES FOR CITIZENS BROADBAND RADIO SERVICE DEVICES AUTHORIZED UNDER PART 96	v03



## 5. Laboratory Environment

**Control room / conducted chamber** did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 20 %, Max. = 80 %
Shielding effectiveness	> 110 dB
Electrical insulation	> 2 MΩ
Ground system resistance	< 0.5 Ω

**Semi-anechoic chamber SAC** did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 15 %, Max. = 75 %
Shielding effectiveness	0.014MHz - 1MHz, >60dB; 1MHz - 1000MHz, >90dB.
Electrical insulation	> 2 MΩ
Ground system resistance	< 4Ω
Normalised site attenuation (NSA)	< ± 4 dB, 3m/10m distance, from 30 to 1000 MHz
Site voltage standing-wave ratio ( $S_{VSWR}$ )	Between 0 and 6 dB, from 1GHz to 18GHz
Uniformity of field strength	Between 0 and 6 dB, from 80 to 6000 MHz

**Fully-anechoic chamber FAC** did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 30 °C
Relative humidity	Min. = 35 %, Max. = 60 %
Shielding effectiveness	> 110 dB
Electrical insulation	> 2 MΩ
Ground system resistance	< 1 Ω
Site voltage standing-wave ratio ( $S_{VSWR}$ )	Between 0 and 6 dB, from 1GHz to 18GHz
Uniformity of field strength	Between 0 and 6 dB, from 80 to 6000 MHz

## 6. Summary Of Test Result

n2

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	24.232	P
2	Emission Limit	2.1051/24.238	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	24.238	P
6	Band Edge Compliance	24.238	P
7	Conducted Spurious Emission	24.238	P
8	Peak-to-Average Power Ratio	24.232	P

n5

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	22.913	P
2	Emission Limit	2.1051/22.917	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	22.917	P
6	Band Edge Compliance	22.917	P
7	Conducted Spurious Emission	22.917	P

n25

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	24.232	P
2	Emission Limit	2.1051/24.238	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	24.238	P
6	Band Edge Compliance	24.238	P
7	Conducted Spurious Emission	24.238	P
8	Peak-to-Average Power Ratio	24.232	P

**n41**

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	P
2	Emission Limit	2.1051/27.53	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	27.53	P
6	Band Edge Compliance	27.53	P
7	Conducted Spurious Emission	27.53	P
8	Peak-to-Average Power Ratio	27.50	P

**n48**

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	96.41	P
2	Emission Limit	96.41	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	96.41	P
6	Band Edge Compliance	96.41	P
7	Conducted Spurious Emission	96.41	P
8	Peak-to-Average Power Ratio	96.41	P

**n66**

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	P
2	Emission Limit	2.1051/27.53	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	27.53	P
6	Band Edge Compliance	27.53	P
7	Conducted Spurious Emission	27.53	P
8	Peak-to-Average Power Ratio	27.50	P

**n71**

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	P
2	Emission Limit	2.1051/27.53	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	27.53	P
6	Band Edge Compliance	27.53	P
7	Conducted Spurious Emission	27.53	P
8	Peak-to-Average Power Ratio	27.50	P

**n77L**

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	P
2	Emission Limit	27.53	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	27.53	P
6	Band Edge Compliance	27.53	P
7	Conducted Spurious Emission	27.53	P
8	Peak-to-Average Power Ratio	27.50	P

**n77H**

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	P
2	Emission Limit	27.53	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	27.53	P
6	Band Edge Compliance	27.53	P
7	Conducted Spurious Emission	27.53	P
8	Peak-to-Average Power Ratio	27.50	P

**n78L**

Items	Test Name	Clause in FCC rules	Verdict
1	Output Power	27.50	P
2	Emission Limit	27.53	P
3	Frequency Stability	2.1055	P
4	Occupied Bandwidth	2.1049	P
5	Emission Bandwidth	27.53	P
6	Band Edge Compliance	27.53	P
7	Conducted Spurious Emission	27.53	P
8	Peak-to-Average Power Ratio	27.50	P

Terms used in Verdict column

P	Pass. The EUT complies with the essential requirements in the standard.
NP	Not Performed. The test was not performed by CTTL.
NA	Not Applicable. The test was not applicable.
BR	Re-use test data from basic model report.
F	Fail. The EUT does not comply with the essential requirements in the standard.

All the test results are based on normal power.

n77L: 3450MHz-3550MHz

n77H: 3700MHz-3980MHz

n78L: 3450MHz-3550MHz

n41 n77L and n77H are tested by power class 2.

Explanation of worst-case configuration

NR modulation: DFT-s-OFDM pi/2 BPSK; QPSK; 16QAM; 64QAM; 256QAM

CP-OFDM QPSK; 16QAM; 64QAM; 256QAM

NR BW: 10/15/20/40/50/60/80/90/100MHz for n41, 10/15/20/40/50/60/80/90MHz for n77L and n78L, 10/15/20/40/50/60/80/90/100MHz for n48 and n77H, 5/10/15/20/25/30/40MHz for n66 and 5/10/15/20MHz for other NR bands

The EUT supports n2, n5, n25, n41, n48, n66, n71, n77L, n77H, n78L, B2/5/12/13/14/48/66-n2, B2/7/30/48/66-n5, B12/48/66-n25, B2/4/12/25/66-n41, B66-n48, B2/5/7/12/13/14/48/66/71-n66, B2/7/66-n71, B2/5/7/12/13/14/30/66/71- n77L and n77H, B2/5/7/12/13/66/71- n77L.

The test results provided in this report represent the worst case configuration.

For all the NSA cases, LTE Bands are set under the 10MHz bandwidth, middle channel, 50RB and QPSK modulation.

For all the NSA combinations and SA mode of the same NR band, output powers are pretested under the maximum bandwidth and mid channel so that the modes with the maximum output power values are chosen out ,which are n2, n5, n25, n41, n48, n66, n71, n77L, n77H and n78L. Only the results of the modes chosen by the max values are presented in the report. Then all the conducted test cases under the modes chosen out are performed.

## 7. Test Equipment Utilized

Description	Type	Series Number	Manufacture	Cal Due Date	Calibration Interval
Radio Communication Test Station	MT8000A	6262093285	Anritsu	2022-12-13	1 year
Radio Communication Analyzer	MT8821C	6201763159	Anritsu	2023-08-02	1 year
Signal&Spectrum Analyzer	FSW	104038	R&S	2023-06-20	1 year
PXA Signal Analyzer	N9030A	MY54490239	Keysight	2023-08-31	1 year
Climate chamber	SH-242	93008556	ESPEC	2023-12-23	3 years
Test Receiver	E4440A	MY48250642	Agilent	2023-03-10	1 year
EMI Antenna	VULB9163	9163-482	Schwarzbeck	2022-11-16	1 year
EMI Antenna	LB-7180-NF	J203001300005	A-INFO	2023-02-23	1 year
EMI Antenna	3117	00058889	ETS-Lindgren	2022-11-07	1 year
EMI Antenna	3115	00146404	ETS-Lindgren	2023-02-23	1 year
EMI Antenna	9117	167	Schwarzbeck	2023-08-03	1 year
EMI Antenna	LB-7180-NF	J211060826	A-INFO	2023-02-27	1 year
Signal Generator	SMF100A	101295	R&S	2022-12-23	1 year
Power Amplifier	5S1G4	0341863	AR	/	/
Universal Radio Communication Tester	MT8821C	Anritsu	6262257899	2023-05-15	1 year
Universal Radio Communication Tester	MT8000A	Anritsu	6262261933	2023-05-15	1 year

Note: the EMI Antenna which Series Number is 00058889 was before Cal Due Date when used.

## Annex A: Measurement Results

### A.1 Output Power

#### A.1.1 Summary

During the process of testing, the EUT was controlled via communication tester to ensure max power transmission and proper modulation.

In all cases, output power is within the specified limits.

#### A.1.2 Conducted

##### A.1.2.1 Method of Measurements

The EUT was set up for the max output power with pseudo random data modulation.

These measurements were done at 3 frequencies (bottom, middle and top of operational frequency range) for each bandwidth.

The results below include a correction factor for cable loss that is provided by the customer.

##### A.1.2.2 Measurement Result

n2

BAND	BW(MHz)	SCS(kHz)	FREQ(MHz)	OFDM	MODULATION	RB LOCATION	POWER(dBm)
n2	5	15	1852.5	DFT	pi/2 BPSK	Inner_Full	23.95
n2	5	15	1852.5	DFT	pi/2 BPSK	Edge_1RB_Left	23.32
n2	5	15	1852.5	DFT	pi/2 BPSK	Edge_1RB_Right	23.42
n2	5	15	1852.5	DFT	pi/2 BPSK	Outer_Full	23.35
n2	5	15	1852.5	DFT	QPSK	Inner_Full	23.94
n2	5	15	1852.5	DFT	QPSK	Edge_1RB_Left	22.72
n2	5	15	1852.5	DFT	QPSK	Edge_1RB_Right	22.72
n2	5	15	1852.5	DFT	QPSK	Outer_Full	22.88
n2	5	15	1852.5	DFT	16QAM	Inner_Full	22.95
n2	5	15	1852.5	DFT	16QAM	Edge_1RB_Left	21.90
n2	5	15	1852.5	DFT	16QAM	Edge_1RB_Right	21.91
n2	5	15	1852.5	DFT	16QAM	Outer_Full	21.86
n2	5	15	1852.5	DFT	64QAM	Inner_Full	21.29
n2	5	15	1852.5	DFT	64QAM	Edge_1RB_Left	21.34
n2	5	15	1852.5	DFT	64QAM	Edge_1RB_Right	21.33
n2	5	15	1852.5	DFT	64QAM	Outer_Full	21.38
n2	5	15	1852.5	DFT	256QAM	Inner_Full	19.50
n2	5	15	1852.5	DFT	256QAM	Edge_1RB_Left	19.98
n2	5	15	1852.5	DFT	256QAM	Edge_1RB_Right	20.04
n2	5	15	1852.5	DFT	256QAM	Outer_Full	19.57
n2	5	15	1852.5	CP	QPSK	Inner_Full	22.36
n2	5	15	1852.5	CP	QPSK	Edge_1RB_Left	20.80
n2	5	15	1852.5	CP	QPSK	Edge_1RB_Right	20.74

n2	5	15	1852.5	CP	QPSK	Outer_Full	20.86
n2	5	15	1852.5	CP	16QAM	Inner_Full	21.79
n2	5	15	1852.5	CP	16QAM	Edge_1RB_Left	21.05
n2	5	15	1852.5	CP	16QAM	Edge_1RB_Right	21.08
n2	5	15	1852.5	CP	16QAM	Outer_Full	20.77
n2	5	15	1852.5	CP	64QAM	Inner_Full	20.33
n2	5	15	1852.5	CP	64QAM	Edge_1RB_Left	20.08
n2	5	15	1852.5	CP	64QAM	Edge_1RB_Right	20.18
n2	5	15	1852.5	CP	64QAM	Outer_Full	20.37
n2	5	15	1852.5	CP	256QAM	Inner_Full	17.54
n2	5	15	1852.5	CP	256QAM	Edge_1RB_Left	18.06
n2	5	15	1852.5	CP	256QAM	Edge_1RB_Right	18.00
n2	5	15	1852.5	CP	256QAM	Outer_Full	17.62
n2	5	15	1880	DFT	pi/2 BPSK	Inner_Full	24.34
n2	5	15	1880	DFT	pi/2 BPSK	Edge_1RB_Left	23.84
n2	5	15	1880	DFT	pi/2 BPSK	Edge_1RB_Right	23.78
n2	5	15	1880	DFT	pi/2 BPSK	Outer_Full	23.86
n2	5	15	1880	DFT	QPSK	Inner_Full	24.27
n2	5	15	1880	DFT	QPSK	Edge_1RB_Left	23.19
n2	5	15	1880	DFT	QPSK	Edge_1RB_Right	23.19
n2	5	15	1880	DFT	QPSK	Outer_Full	23.40
n2	5	15	1880	DFT	16QAM	Inner_Full	23.34
n2	5	15	1880	DFT	16QAM	Edge_1RB_Left	22.31
n2	5	15	1880	DFT	16QAM	Edge_1RB_Right	22.43
n2	5	15	1880	DFT	16QAM	Outer_Full	22.29
n2	5	15	1880	DFT	64QAM	Inner_Full	21.75
n2	5	15	1880	DFT	64QAM	Edge_1RB_Left	21.82
n2	5	15	1880	DFT	64QAM	Edge_1RB_Right	21.74
n2	5	15	1880	DFT	64QAM	Outer_Full	21.79
n2	5	15	1880	DFT	256QAM	Inner_Full	19.88
n2	5	15	1880	DFT	256QAM	Edge_1RB_Left	20.45
n2	5	15	1880	DFT	256QAM	Edge_1RB_Right	20.40
n2	5	15	1880	DFT	256QAM	Outer_Full	20.02
n2	5	15	1880	CP	QPSK	Inner_Full	22.76
n2	5	15	1880	CP	QPSK	Edge_1RB_Left	21.27
n2	5	15	1880	CP	QPSK	Edge_1RB_Right	21.27
n2	5	15	1880	CP	QPSK	Outer_Full	21.24
n2	5	15	1880	CP	16QAM	Inner_Full	22.15
n2	5	15	1880	CP	16QAM	Edge_1RB_Left	21.55
n2	5	15	1880	CP	16QAM	Edge_1RB_Right	21.52
n2	5	15	1880	CP	16QAM	Outer_Full	21.19



n2	5	15	1880	CP	64QAM	Inner_Full	20.72
n2	5	15	1880	CP	64QAM	Edge_1RB_Left	20.54
n2	5	15	1880	CP	64QAM	Edge_1RB_Right	20.49
n2	5	15	1880	CP	64QAM	Outer_Full	20.83
n2	5	15	1880	CP	256QAM	Inner_Full	17.98
n2	5	15	1880	CP	256QAM	Edge_1RB_Left	18.42
n2	5	15	1880	CP	256QAM	Edge_1RB_Right	18.45
n2	5	15	1880	CP	256QAM	Outer_Full	18.01
n2	5	15	1907.5	DFT	pi/2 BPSK	Inner_Full	24.13
n2	5	15	1907.5	DFT	pi/2 BPSK	Edge_1RB_Left	23.58
n2	5	15	1907.5	DFT	pi/2 BPSK	Edge_1RB_Right	23.69
n2	5	15	1907.5	DFT	pi/2 BPSK	Outer_Full	23.59
n2	5	15	1907.5	DFT	QPSK	Inner_Full	24.13
n2	5	15	1907.5	DFT	QPSK	Edge_1RB_Left	22.91
n2	5	15	1907.5	DFT	QPSK	Edge_1RB_Right	23.01
n2	5	15	1907.5	DFT	QPSK	Outer_Full	23.10
n2	5	15	1907.5	DFT	16QAM	Inner_Full	23.13
n2	5	15	1907.5	DFT	16QAM	Edge_1RB_Left	22.12
n2	5	15	1907.5	DFT	16QAM	Edge_1RB_Right	22.11
n2	5	15	1907.5	DFT	16QAM	Outer_Full	22.06
n2	5	15	1907.5	DFT	64QAM	Inner_Full	21.50
n2	5	15	1907.5	DFT	64QAM	Edge_1RB_Left	21.63
n2	5	15	1907.5	DFT	64QAM	Edge_1RB_Right	21.59
n2	5	15	1907.5	DFT	64QAM	Outer_Full	21.63
n2	5	15	1907.5	DFT	256QAM	Inner_Full	19.61
n2	5	15	1907.5	DFT	256QAM	Edge_1RB_Left	20.21
n2	5	15	1907.5	DFT	256QAM	Edge_1RB_Right	19.70
n2	5	15	1907.5	DFT	256QAM	Outer_Full	19.78
n2	5	15	1907.5	CP	QPSK	Inner_Full	22.73
n2	5	15	1907.5	CP	QPSK	Edge_1RB_Left	20.96
n2	5	15	1907.5	CP	QPSK	Edge_1RB_Right	20.99
n2	5	15	1907.5	CP	QPSK	Outer_Full	21.09
n2	5	15	1907.5	CP	16QAM	Inner_Full	22.01
n2	5	15	1907.5	CP	16QAM	Edge_1RB_Left	21.40
n2	5	15	1907.5	CP	16QAM	Edge_1RB_Right	21.22
n2	5	15	1907.5	CP	16QAM	Outer_Full	20.90
n2	5	15	1907.5	CP	64QAM	Inner_Full	20.49
n2	5	15	1907.5	CP	64QAM	Edge_1RB_Left	20.35
n2	5	15	1907.5	CP	64QAM	Edge_1RB_Right	20.37
n2	5	15	1907.5	CP	64QAM	Outer_Full	20.53
n2	5	15	1907.5	CP	256QAM	Inner_Full	17.73

n2	5	15	1907.5	CP	256QAM	Edge_1RB_Left	18.31
n2	5	15	1907.5	CP	256QAM	Edge_1RB_Right	18.20
n2	5	15	1907.5	CP	256QAM	Outer_Full	17.75
n2	10	15	1855	DFT	pi/2 BPSK	Inner_Full	23.94
n2	10	15	1855	DFT	pi/2 BPSK	Edge_1RB_Left	23.36
n2	10	15	1855	DFT	pi/2 BPSK	Edge_1RB_Right	23.48
n2	10	15	1855	DFT	pi/2 BPSK	Outer_Full	23.41
n2	10	15	1855	DFT	QPSK	Inner_Full	23.88
n2	10	15	1855	DFT	QPSK	Edge_1RB_Left	22.71
n2	10	15	1855	DFT	QPSK	Edge_1RB_Right	22.83
n2	10	15	1855	DFT	QPSK	Outer_Full	22.79
n2	10	15	1855	DFT	16QAM	Inner_Full	22.83
n2	10	15	1855	DFT	16QAM	Edge_1RB_Left	21.87
n2	10	15	1855	DFT	16QAM	Edge_1RB_Right	21.93
n2	10	15	1855	DFT	16QAM	Outer_Full	21.97
n2	10	15	1855	DFT	64QAM	Inner_Full	21.45
n2	10	15	1855	DFT	64QAM	Edge_1RB_Left	21.28
n2	10	15	1855	DFT	64QAM	Edge_1RB_Right	21.37
n2	10	15	1855	DFT	64QAM	Outer_Full	21.37
n2	10	15	1855	DFT	256QAM	Inner_Full	19.57
n2	10	15	1855	DFT	256QAM	Edge_1RB_Left	19.84
n2	10	15	1855	DFT	256QAM	Edge_1RB_Right	19.47
n2	10	15	1855	DFT	256QAM	Outer_Full	19.52
n2	10	15	1855	CP	QPSK	Inner_Full	22.46
n2	10	15	1855	CP	QPSK	Edge_1RB_Left	20.67
n2	10	15	1855	CP	QPSK	Edge_1RB_Right	20.84
n2	10	15	1855	CP	QPSK	Outer_Full	20.94
n2	10	15	1855	CP	16QAM	Inner_Full	21.91
n2	10	15	1855	CP	16QAM	Edge_1RB_Left	21.01
n2	10	15	1855	CP	16QAM	Edge_1RB_Right	21.17
n2	10	15	1855	CP	16QAM	Outer_Full	20.91
n2	10	15	1855	CP	64QAM	Inner_Full	20.39
n2	10	15	1855	CP	64QAM	Edge_1RB_Left	20.06
n2	10	15	1855	CP	64QAM	Edge_1RB_Right	20.19
n2	10	15	1855	CP	64QAM	Outer_Full	20.32
n2	10	15	1855	CP	256QAM	Inner_Full	17.51
n2	10	15	1855	CP	256QAM	Edge_1RB_Left	17.98
n2	10	15	1855	CP	256QAM	Edge_1RB_Right	18.16
n2	10	15	1855	CP	256QAM	Outer_Full	17.54
n2	10	15	1880	DFT	pi/2 BPSK	Inner_Full	24.19
n2	10	15	1880	DFT	pi/2 BPSK	Edge_1RB_Left	23.73

n2	10	15	1880	DFT	pi/2 BPSK	Edge_1RB_Right	23.72
n2	10	15	1880	DFT	pi/2 BPSK	Outer_Full	23.76
n2	10	15	1880	DFT	QPSK	Inner_Full	24.25
n2	10	15	1880	DFT	QPSK	Edge_1RB_Left	23.08
n2	10	15	1880	DFT	QPSK	Edge_1RB_Right	23.15
n2	10	15	1880	DFT	QPSK	Outer_Full	23.29
n2	10	15	1880	DFT	16QAM	Inner_Full	23.13
n2	10	15	1880	DFT	16QAM	Edge_1RB_Left	22.21
n2	10	15	1880	DFT	16QAM	Edge_1RB_Right	22.14
n2	10	15	1880	DFT	16QAM	Outer_Full	22.26
n2	10	15	1880	DFT	64QAM	Inner_Full	21.69
n2	10	15	1880	DFT	64QAM	Edge_1RB_Left	21.62
n2	10	15	1880	DFT	64QAM	Edge_1RB_Right	21.55
n2	10	15	1880	DFT	64QAM	Outer_Full	21.69
n2	10	15	1880	DFT	256QAM	Inner_Full	19.89
n2	10	15	1880	DFT	256QAM	Edge_1RB_Left	20.21
n2	10	15	1880	DFT	256QAM	Edge_1RB_Right	20.21
n2	10	15	1880	DFT	256QAM	Outer_Full	19.86
n2	10	15	1880	CP	QPSK	Inner_Full	22.71
n2	10	15	1880	CP	QPSK	Edge_1RB_Left	21.03
n2	10	15	1880	CP	QPSK	Edge_1RB_Right	21.14
n2	10	15	1880	CP	QPSK	Outer_Full	21.16
n2	10	15	1880	CP	16QAM	Inner_Full	22.26
n2	10	15	1880	CP	16QAM	Edge_1RB_Left	21.31
n2	10	15	1880	CP	16QAM	Edge_1RB_Right	21.39
n2	10	15	1880	CP	16QAM	Outer_Full	21.24
n2	10	15	1880	CP	64QAM	Inner_Full	20.72
n2	10	15	1880	CP	64QAM	Edge_1RB_Left	20.22
n2	10	15	1880	CP	64QAM	Edge_1RB_Right	20.44
n2	10	15	1880	CP	64QAM	Outer_Full	20.57
n2	10	15	1880	CP	256QAM	Inner_Full	17.72
n2	10	15	1880	CP	256QAM	Edge_1RB_Left	18.25
n2	10	15	1880	CP	256QAM	Edge_1RB_Right	18.34
n2	10	15	1880	CP	256QAM	Outer_Full	17.82
n2	10	15	1905	DFT	pi/2 BPSK	Inner_Full	24.03
n2	10	15	1905	DFT	pi/2 BPSK	Edge_1RB_Left	23.58
n2	10	15	1905	DFT	pi/2 BPSK	Edge_1RB_Right	23.52
n2	10	15	1905	DFT	pi/2 BPSK	Outer_Full	23.51
n2	10	15	1905	DFT	QPSK	Inner_Full	24.07
n2	10	15	1905	DFT	QPSK	Edge_1RB_Left	22.95
n2	10	15	1905	DFT	QPSK	Edge_1RB_Right	22.82

n2	10	15	1905	DFT	QPSK	Outer_Full	23.13
n2	10	15	1905	DFT	16QAM	Inner_Full	22.99
n2	10	15	1905	DFT	16QAM	Edge_1RB_Left	22.10
n2	10	15	1905	DFT	16QAM	Edge_1RB_Right	22.02
n2	10	15	1905	DFT	16QAM	Outer_Full	22.16
n2	10	15	1905	DFT	64QAM	Inner_Full	21.47
n2	10	15	1905	DFT	64QAM	Edge_1RB_Left	21.59
n2	10	15	1905	DFT	64QAM	Edge_1RB_Right	21.43
n2	10	15	1905	DFT	64QAM	Outer_Full	21.52
n2	10	15	1905	DFT	256QAM	Inner_Full	19.69
n2	10	15	1905	DFT	256QAM	Edge_1RB_Left	20.20
n2	10	15	1905	DFT	256QAM	Edge_1RB_Right	19.62
n2	10	15	1905	DFT	256QAM	Outer_Full	19.77
n2	10	15	1905	CP	QPSK	Inner_Full	22.54
n2	10	15	1905	CP	QPSK	Edge_1RB_Left	20.94
n2	10	15	1905	CP	QPSK	Edge_1RB_Right	20.88
n2	10	15	1905	CP	QPSK	Outer_Full	21.03
n2	10	15	1905	CP	16QAM	Inner_Full	22.04
n2	10	15	1905	CP	16QAM	Edge_1RB_Left	21.22
n2	10	15	1905	CP	16QAM	Edge_1RB_Right	21.22
n2	10	15	1905	CP	16QAM	Outer_Full	21.08
n2	10	15	1905	CP	64QAM	Inner_Full	20.56
n2	10	15	1905	CP	64QAM	Edge_1RB_Left	20.27
n2	10	15	1905	CP	64QAM	Edge_1RB_Right	20.26
n2	10	15	1905	CP	64QAM	Outer_Full	20.48
n2	10	15	1905	CP	256QAM	Inner_Full	17.64
n2	10	15	1905	CP	256QAM	Edge_1RB_Left	18.25
n2	10	15	1905	CP	256QAM	Edge_1RB_Right	18.22
n2	10	15	1905	CP	256QAM	Outer_Full	17.70
n2	15	15	1857.5	DFT	pi/2 BPSK	Inner_Full	24.06
n2	15	15	1857.5	DFT	pi/2 BPSK	Edge_1RB_Left	23.49
n2	15	15	1857.5	DFT	pi/2 BPSK	Edge_1RB_Right	23.78
n2	15	15	1857.5	DFT	pi/2 BPSK	Outer_Full	23.68
n2	15	15	1857.5	DFT	QPSK	Inner_Full	24.08
n2	15	15	1857.5	DFT	QPSK	Edge_1RB_Left	22.89
n2	15	15	1857.5	DFT	QPSK	Edge_1RB_Right	23.15
n2	15	15	1857.5	DFT	QPSK	Outer_Full	23.12
n2	15	15	1857.5	DFT	16QAM	Inner_Full	23.21
n2	15	15	1857.5	DFT	16QAM	Edge_1RB_Left	22.01
n2	15	15	1857.5	DFT	16QAM	Edge_1RB_Right	22.24
n2	15	15	1857.5	DFT	16QAM	Outer_Full	22.12

n2	15	15	1857.5	DFT	64QAM	Inner_Full	21.59
n2	15	15	1857.5	DFT	64QAM	Edge_1RB_Left	21.44
n2	15	15	1857.5	DFT	64QAM	Edge_1RB_Right	21.68
n2	15	15	1857.5	DFT	64QAM	Outer_Full	21.70
n2	15	15	1857.5	DFT	256QAM	Inner_Full	19.73
n2	15	15	1857.5	DFT	256QAM	Edge_1RB_Left	20.00
n2	15	15	1857.5	DFT	256QAM	Edge_1RB_Right	20.30
n2	15	15	1857.5	DFT	256QAM	Outer_Full	19.71
n2	15	15	1857.5	CP	QPSK	Inner_Full	22.61
n2	15	15	1857.5	CP	QPSK	Edge_1RB_Left	20.86
n2	15	15	1857.5	CP	QPSK	Edge_1RB_Right	21.04
n2	15	15	1857.5	CP	QPSK	Outer_Full	21.14
n2	15	15	1857.5	CP	16QAM	Inner_Full	22.12
n2	15	15	1857.5	CP	16QAM	Edge_1RB_Left	21.17
n2	15	15	1857.5	CP	16QAM	Edge_1RB_Right	21.34
n2	15	15	1857.5	CP	16QAM	Outer_Full	21.19
n2	15	15	1857.5	CP	64QAM	Inner_Full	20.55
n2	15	15	1857.5	CP	64QAM	Edge_1RB_Left	20.21
n2	15	15	1857.5	CP	64QAM	Edge_1RB_Right	20.36
n2	15	15	1857.5	CP	64QAM	Outer_Full	20.60
n2	15	15	1857.5	CP	256QAM	Inner_Full	17.68
n2	15	15	1857.5	CP	256QAM	Edge_1RB_Left	18.06
n2	15	15	1857.5	CP	256QAM	Edge_1RB_Right	18.23
n2	15	15	1857.5	CP	256QAM	Outer_Full	17.75
n2	15	15	1880	DFT	pi/2 BPSK	Inner_Full	24.36
n2	15	15	1880	DFT	pi/2 BPSK	Edge_1RB_Left	23.87
n2	15	15	1880	DFT	pi/2 BPSK	Edge_1RB_Right	23.88
n2	15	15	1880	DFT	pi/2 BPSK	Outer_Full	23.90
n2	15	15	1880	DFT	QPSK	Inner_Full	24.43
n2	15	15	1880	DFT	QPSK	Edge_1RB_Left	23.25
n2	15	15	1880	DFT	QPSK	Edge_1RB_Right	23.18
n2	15	15	1880	DFT	QPSK	Outer_Full	23.51
n2	15	15	1880	DFT	16QAM	Inner_Full	23.50
n2	15	15	1880	DFT	16QAM	Edge_1RB_Left	22.37
n2	15	15	1880	DFT	16QAM	Edge_1RB_Right	22.36
n2	15	15	1880	DFT	16QAM	Outer_Full	22.46
n2	15	15	1880	DFT	64QAM	Inner_Full	21.86
n2	15	15	1880	DFT	64QAM	Edge_1RB_Left	21.84
n2	15	15	1880	DFT	64QAM	Edge_1RB_Right	21.81
n2	15	15	1880	DFT	64QAM	Outer_Full	21.88
n2	15	15	1880	DFT	256QAM	Inner_Full	19.98

n2	15	15	1880	DFT	256QAM	Edge_1RB_Left	20.34
n2	15	15	1880	DFT	256QAM	Edge_1RB_Right	20.35
n2	15	15	1880	DFT	256QAM	Outer_Full	20.04
n2	15	15	1880	CP	QPSK	Inner_Full	22.91
n2	15	15	1880	CP	QPSK	Edge_1RB_Left	21.17
n2	15	15	1880	CP	QPSK	Edge_1RB_Right	21.20
n2	15	15	1880	CP	QPSK	Outer_Full	21.37
n2	15	15	1880	CP	16QAM	Inner_Full	22.44
n2	15	15	1880	CP	16QAM	Edge_1RB_Left	21.54
n2	15	15	1880	CP	16QAM	Edge_1RB_Right	21.44
n2	15	15	1880	CP	16QAM	Outer_Full	21.46
n2	15	15	1880	CP	64QAM	Inner_Full	20.91
n2	15	15	1880	CP	64QAM	Edge_1RB_Left	20.57
n2	15	15	1880	CP	64QAM	Edge_1RB_Right	20.49
n2	15	15	1880	CP	64QAM	Outer_Full	20.87
n2	15	15	1880	CP	256QAM	Inner_Full	18.06
n2	15	15	1880	CP	256QAM	Edge_1RB_Left	18.44
n2	15	15	1880	CP	256QAM	Edge_1RB_Right	18.37
n2	15	15	1880	CP	256QAM	Outer_Full	18.05
n2	15	15	1902.5	DFT	pi/2 BPSK	Inner_Full	24.20
n2	15	15	1902.5	DFT	pi/2 BPSK	Edge_1RB_Left	23.75
n2	15	15	1902.5	DFT	pi/2 BPSK	Edge_1RB_Right	23.53
n2	15	15	1902.5	DFT	pi/2 BPSK	Outer_Full	23.79
n2	15	15	1902.5	DFT	QPSK	Inner_Full	24.22
n2	15	15	1902.5	DFT	QPSK	Edge_1RB_Left	23.07
n2	15	15	1902.5	DFT	QPSK	Edge_1RB_Right	22.94
n2	15	15	1902.5	DFT	QPSK	Outer_Full	23.28
n2	15	15	1902.5	DFT	16QAM	Inner_Full	23.19
n2	15	15	1902.5	DFT	16QAM	Edge_1RB_Left	22.35
n2	15	15	1902.5	DFT	16QAM	Edge_1RB_Right	22.05
n2	15	15	1902.5	DFT	16QAM	Outer_Full	22.25
n2	15	15	1902.5	DFT	64QAM	Inner_Full	21.71
n2	15	15	1902.5	DFT	64QAM	Edge_1RB_Left	21.69
n2	15	15	1902.5	DFT	64QAM	Edge_1RB_Right	21.59
n2	15	15	1902.5	DFT	64QAM	Outer_Full	21.68
n2	15	15	1902.5	DFT	256QAM	Inner_Full	19.78
n2	15	15	1902.5	DFT	256QAM	Edge_1RB_Left	20.33
n2	15	15	1902.5	DFT	256QAM	Edge_1RB_Right	20.13
n2	15	15	1902.5	DFT	256QAM	Outer_Full	19.95
n2	15	15	1902.5	CP	QPSK	Inner_Full	22.71
n2	15	15	1902.5	CP	QPSK	Edge_1RB_Left	21.09

n2	15	15	1902.5	CP	QPSK	Edge_1RB_Right	20.96
n2	15	15	1902.5	CP	QPSK	Outer_Full	21.22
n2	15	15	1902.5	CP	16QAM	Inner_Full	22.20
n2	15	15	1902.5	CP	16QAM	Edge_1RB_Left	21.39
n2	15	15	1902.5	CP	16QAM	Edge_1RB_Right	21.21
n2	15	15	1902.5	CP	16QAM	Outer_Full	21.18
n2	15	15	1902.5	CP	64QAM	Inner_Full	20.63
n2	15	15	1902.5	CP	64QAM	Edge_1RB_Left	20.38
n2	15	15	1902.5	CP	64QAM	Edge_1RB_Right	20.25
n2	15	15	1902.5	CP	64QAM	Outer_Full	20.72
n2	15	15	1902.5	CP	256QAM	Inner_Full	17.87
n2	15	15	1902.5	CP	256QAM	Edge_1RB_Left	18.35
n2	15	15	1902.5	CP	256QAM	Edge_1RB_Right	18.21
n2	15	15	1902.5	CP	256QAM	Outer_Full	17.72
n2	20	15	1860	DFT	pi/2 BPSK	Inner_Full	24.19
n2	20	15	1860	DFT	pi/2 BPSK	Edge_1RB_Left	23.35
n2	20	15	1860	DFT	pi/2 BPSK	Edge_1RB_Right	23.68
n2	20	15	1860	DFT	pi/2 BPSK	Outer_Full	23.71
n2	20	15	1860	DFT	QPSK	Inner_Full	24.26
n2	20	15	1860	DFT	QPSK	Edge_1RB_Left	22.81
n2	20	15	1860	DFT	QPSK	Edge_1RB_Right	23.10
n2	20	15	1860	DFT	QPSK	Outer_Full	23.20
n2	20	15	1860	DFT	16QAM	Inner_Full	23.23
n2	20	15	1860	DFT	16QAM	Edge_1RB_Left	21.88
n2	20	15	1860	DFT	16QAM	Edge_1RB_Right	22.26
n2	20	15	1860	DFT	16QAM	Outer_Full	22.16
n2	20	15	1860	DFT	64QAM	Inner_Full	21.65
n2	20	15	1860	DFT	64QAM	Edge_1RB_Left	21.39
n2	20	15	1860	DFT	64QAM	Edge_1RB_Right	21.73
n2	20	15	1860	DFT	64QAM	Outer_Full	21.66
n2	20	15	1860	DFT	256QAM	Inner_Full	19.81
n2	20	15	1860	DFT	256QAM	Edge_1RB_Left	19.99
n2	20	15	1860	DFT	256QAM	Edge_1RB_Right	20.26
n2	20	15	1860	DFT	256QAM	Outer_Full	19.76
n2	20	15	1860	CP	QPSK	Inner_Full	22.69
n2	20	15	1860	CP	QPSK	Edge_1RB_Left	20.81
n2	20	15	1860	CP	QPSK	Edge_1RB_Right	21.01
n2	20	15	1860	CP	QPSK	Outer_Full	21.16
n2	20	15	1860	CP	16QAM	Inner_Full	22.13
n2	20	15	1860	CP	16QAM	Edge_1RB_Left	21.20
n2	20	15	1860	CP	16QAM	Edge_1RB_Right	21.32

n2	20	15	1860	CP	16QAM	Outer_Full	21.16
n2	20	15	1860	CP	64QAM	Inner_Full	20.64
n2	20	15	1860	CP	64QAM	Edge_1RB_Left	20.03
n2	20	15	1860	CP	64QAM	Edge_1RB_Right	20.39
n2	20	15	1860	CP	64QAM	Outer_Full	20.70
n2	20	15	1860	CP	256QAM	Inner_Full	17.78
n2	20	15	1860	CP	256QAM	Edge_1RB_Left	17.97
n2	20	15	1860	CP	256QAM	Edge_1RB_Right	17.70
n2	20	15	1860	CP	256QAM	Outer_Full	17.77
n2	20	15	1880	DFT	pi/2 BPSK	Inner_Full	24.86
n2	20	15	1880	DFT	pi/2 BPSK	Edge_1RB_Left	24.21
n2	20	15	1880	DFT	pi/2 BPSK	Edge_1RB_Right	24.17
n2	20	15	1880	DFT	pi/2 BPSK	Outer_Full	24.35
n2	20	15	1880	DFT	QPSK	Inner_Full	24.86
n2	20	15	1880	DFT	QPSK	Edge_1RB_Left	23.78
n2	20	15	1880	DFT	QPSK	Edge_1RB_Right	23.68
n2	20	15	1880	DFT	QPSK	Outer_Full	23.94
n2	20	15	1880	DFT	16QAM	Inner_Full	23.88
n2	20	15	1880	DFT	16QAM	Edge_1RB_Left	22.95
n2	20	15	1880	DFT	16QAM	Edge_1RB_Right	22.87
n2	20	15	1880	DFT	16QAM	Outer_Full	22.93
n2	20	15	1880	DFT	64QAM	Inner_Full	22.27
n2	20	15	1880	DFT	64QAM	Edge_1RB_Left	22.40
n2	20	15	1880	DFT	64QAM	Edge_1RB_Right	22.37
n2	20	15	1880	DFT	64QAM	Outer_Full	22.43
n2	20	15	1880	DFT	256QAM	Inner_Full	20.44
n2	20	15	1880	DFT	256QAM	Edge_1RB_Left	20.37
n2	20	15	1880	DFT	256QAM	Edge_1RB_Right	20.30
n2	20	15	1880	DFT	256QAM	Outer_Full	20.53
n2	20	15	1880	CP	QPSK	Inner_Full	23.39
n2	20	15	1880	CP	QPSK	Edge_1RB_Left	21.70
n2	20	15	1880	CP	QPSK	Edge_1RB_Right	21.69
n2	20	15	1880	CP	QPSK	Outer_Full	21.84
n2	20	15	1880	CP	16QAM	Inner_Full	22.89
n2	20	15	1880	CP	16QAM	Edge_1RB_Left	21.99
n2	20	15	1880	CP	16QAM	Edge_1RB_Right	22.02
n2	20	15	1880	CP	16QAM	Outer_Full	21.85
n2	20	15	1880	CP	64QAM	Inner_Full	21.34
n2	20	15	1880	CP	64QAM	Edge_1RB_Left	21.48
n2	20	15	1880	CP	64QAM	Edge_1RB_Right	21.49
n2	20	15	1880	CP	64QAM	Outer_Full	21.28



n2	20	15	1880	CP	256QAM	Inner_Full	18.39
n2	20	15	1880	CP	256QAM	Edge_1RB_Left	18.27
n2	20	15	1880	CP	256QAM	Edge_1RB_Right	18.18
n2	20	15	1880	CP	256QAM	Outer_Full	18.38
n2	20	15	1900	DFT	pi/2 BPSK	Inner_Full	24.39
n2	20	15	1900	DFT	pi/2 BPSK	Edge_1RB_Left	23.68
n2	20	15	1900	DFT	pi/2 BPSK	Edge_1RB_Right	23.51
n2	20	15	1900	DFT	pi/2 BPSK	Outer_Full	23.88
n2	20	15	1900	DFT	QPSK	Inner_Full	24.36
n2	20	15	1900	DFT	QPSK	Edge_1RB_Left	23.01
n2	20	15	1900	DFT	QPSK	Edge_1RB_Right	22.89
n2	20	15	1900	DFT	QPSK	Outer_Full	23.34
n2	20	15	1900	DFT	16QAM	Inner_Full	23.48
n2	20	15	1900	DFT	16QAM	Edge_1RB_Left	22.18
n2	20	15	1900	DFT	16QAM	Edge_1RB_Right	22.05
n2	20	15	1900	DFT	16QAM	Outer_Full	22.39
n2	20	15	1900	DFT	64QAM	Inner_Full	21.78
n2	20	15	1900	DFT	64QAM	Edge_1RB_Left	21.68
n2	20	15	1900	DFT	64QAM	Edge_1RB_Right	21.46
n2	20	15	1900	DFT	64QAM	Outer_Full	21.86
n2	20	15	1900	DFT	256QAM	Inner_Full	19.98
n2	20	15	1900	DFT	256QAM	Edge_1RB_Left	20.19
n2	20	15	1900	DFT	256QAM	Edge_1RB_Right	20.17
n2	20	15	1900	DFT	256QAM	Outer_Full	20.01
n2	20	15	1900	CP	QPSK	Inner_Full	22.82
n2	20	15	1900	CP	QPSK	Edge_1RB_Left	20.85
n2	20	15	1900	CP	QPSK	Edge_1RB_Right	20.74
n2	20	15	1900	CP	QPSK	Outer_Full	21.29
n2	20	15	1900	CP	16QAM	Inner_Full	22.20
n2	20	15	1900	CP	16QAM	Edge_1RB_Left	21.41
n2	20	15	1900	CP	16QAM	Edge_1RB_Right	21.46
n2	20	15	1900	CP	16QAM	Outer_Full	21.30
n2	20	15	1900	CP	64QAM	Inner_Full	20.68
n2	20	15	1900	CP	64QAM	Edge_1RB_Left	20.38
n2	20	15	1900	CP	64QAM	Edge_1RB_Right	20.20
n2	20	15	1900	CP	64QAM	Outer_Full	20.81
n2	20	15	1900	CP	256QAM	Inner_Full	17.85
n2	20	15	1900	CP	256QAM	Edge_1RB_Left	18.34
n2	20	15	1900	CP	256QAM	Edge_1RB_Right	17.40
n2	20	15	1900	CP	256QAM	Outer_Full	17.80

**n5**

BAND	BW(MHz)	SCS(kHz)	FREQ(MHz)	OFDM	MODULATION	RB LOCATION	POWER(dBm)
n5	5	15	826.5	DFT	pi/2 BPSK	Inner_Full	24.35
n5	5	15	826.5	DFT	pi/2 BPSK	Edge_1RB_Left	23.77
n5	5	15	826.5	DFT	pi/2 BPSK	Edge_1RB_Right	23.87
n5	5	15	826.5	DFT	pi/2 BPSK	Outer_Full	23.95
n5	5	15	826.5	DFT	QPSK	Inner_Full	24.36
n5	5	15	826.5	DFT	QPSK	Edge_1RB_Left	23.47
n5	5	15	826.5	DFT	QPSK	Edge_1RB_Right	23.55
n5	5	15	826.5	DFT	QPSK	Outer_Full	23.58
n5	5	15	826.5	DFT	16QAM	Inner_Full	23.61
n5	5	15	826.5	DFT	16QAM	Edge_1RB_Left	22.63
n5	5	15	826.5	DFT	16QAM	Edge_1RB_Right	22.77
n5	5	15	826.5	DFT	16QAM	Outer_Full	22.49
n5	5	15	826.5	DFT	64QAM	Inner_Full	22.01
n5	5	15	826.5	DFT	64QAM	Edge_1RB_Left	21.78
n5	5	15	826.5	DFT	64QAM	Edge_1RB_Right	22.36
n5	5	15	826.5	DFT	64QAM	Outer_Full	21.95
n5	5	15	826.5	DFT	256QAM	Inner_Full	20.04
n5	5	15	826.5	DFT	256QAM	Edge_1RB_Left	20.50
n5	5	15	826.5	DFT	256QAM	Edge_1RB_Right	20.60
n5	5	15	826.5	DFT	256QAM	Outer_Full	20.00
n5	5	15	826.5	CP	QPSK	Inner_Full	23.05
n5	5	15	826.5	CP	QPSK	Edge_1RB_Left	21.49
n5	5	15	826.5	CP	QPSK	Edge_1RB_Right	21.56
n5	5	15	826.5	CP	QPSK	Outer_Full	21.54
n5	5	15	826.5	CP	16QAM	Inner_Full	22.58
n5	5	15	826.5	CP	16QAM	Edge_1RB_Left	21.74
n5	5	15	826.5	CP	16QAM	Edge_1RB_Right	21.88
n5	5	15	826.5	CP	16QAM	Outer_Full	21.46
n5	5	15	826.5	CP	64QAM	Inner_Full	21.02
n5	5	15	826.5	CP	64QAM	Edge_1RB_Left	21.09
n5	5	15	826.5	CP	64QAM	Edge_1RB_Right	21.09
n5	5	15	826.5	CP	64QAM	Outer_Full	20.98
n5	5	15	826.5	CP	256QAM	Inner_Full	17.95
n5	5	15	826.5	CP	256QAM	Edge_1RB_Left	18.53
n5	5	15	826.5	CP	256QAM	Edge_1RB_Right	18.55
n5	5	15	826.5	CP	256QAM	Outer_Full	17.96
n5	5	15	836.5	DFT	pi/2 BPSK	Inner_Full	24.48
n5	5	15	836.5	DFT	pi/2 BPSK	Edge_1RB_Left	23.85
n5	5	15	836.5	DFT	pi/2 BPSK	Edge_1RB_Right	23.92

n5	5	15	836.5	DFT	pi/2 BPSK	Outer_Full	23.91
n5	5	15	836.5	DFT	QPSK	Inner_Full	24.43
n5	5	15	836.5	DFT	QPSK	Edge_1RB_Left	23.65
n5	5	15	836.5	DFT	QPSK	Edge_1RB_Right	23.81
n5	5	15	836.5	DFT	QPSK	Outer_Full	23.64
n5	5	15	836.5	DFT	16QAM	Inner_Full	23.72
n5	5	15	836.5	DFT	16QAM	Edge_1RB_Left	22.77
n5	5	15	836.5	DFT	16QAM	Edge_1RB_Right	22.74
n5	5	15	836.5	DFT	16QAM	Outer_Full	22.52
n5	5	15	836.5	DFT	64QAM	Inner_Full	22.04
n5	5	15	836.5	DFT	64QAM	Edge_1RB_Left	21.89
n5	5	15	836.5	DFT	64QAM	Edge_1RB_Right	21.84
n5	5	15	836.5	DFT	64QAM	Outer_Full	22.03
n5	5	15	836.5	DFT	256QAM	Inner_Full	20.22
n5	5	15	836.5	DFT	256QAM	Edge_1RB_Left	20.64
n5	5	15	836.5	DFT	256QAM	Edge_1RB_Right	20.61
n5	5	15	836.5	DFT	256QAM	Outer_Full	20.03
n5	5	15	836.5	CP	QPSK	Inner_Full	23.12
n5	5	15	836.5	CP	QPSK	Edge_1RB_Left	21.50
n5	5	15	836.5	CP	QPSK	Edge_1RB_Right	21.39
n5	5	15	836.5	CP	QPSK	Outer_Full	21.63
n5	5	15	836.5	CP	16QAM	Inner_Full	22.61
n5	5	15	836.5	CP	16QAM	Edge_1RB_Left	21.94
n5	5	15	836.5	CP	16QAM	Edge_1RB_Right	21.92
n5	5	15	836.5	CP	16QAM	Outer_Full	21.51
n5	5	15	836.5	CP	64QAM	Inner_Full	21.08
n5	5	15	836.5	CP	64QAM	Edge_1RB_Left	21.16
n5	5	15	836.5	CP	64QAM	Edge_1RB_Right	21.12
n5	5	15	836.5	CP	64QAM	Outer_Full	20.99
n5	5	15	836.5	CP	256QAM	Inner_Full	17.96
n5	5	15	836.5	CP	256QAM	Edge_1RB_Left	18.64
n5	5	15	836.5	CP	256QAM	Edge_1RB_Right	18.51
n5	5	15	836.5	CP	256QAM	Outer_Full	17.94
n5	5	15	846.5	DFT	pi/2 BPSK	Inner_Full	24.47
n5	5	15	846.5	DFT	pi/2 BPSK	Edge_1RB_Left	23.87
n5	5	15	846.5	DFT	pi/2 BPSK	Edge_1RB_Right	23.86
n5	5	15	846.5	DFT	pi/2 BPSK	Outer_Full	23.90
n5	5	15	846.5	DFT	QPSK	Inner_Full	24.49
n5	5	15	846.5	DFT	QPSK	Edge_1RB_Left	23.69
n5	5	15	846.5	DFT	QPSK	Edge_1RB_Right	23.49
n5	5	15	846.5	DFT	QPSK	Outer_Full	23.37

n5	5	15	846.5	DFT	16QAM	Inner_Full	23.64
n5	5	15	846.5	DFT	16QAM	Edge_1RB_Left	22.72
n5	5	15	846.5	DFT	16QAM	Edge_1RB_Right	22.66
n5	5	15	846.5	DFT	16QAM	Outer_Full	22.51
n5	5	15	846.5	DFT	64QAM	Inner_Full	21.98
n5	5	15	846.5	DFT	64QAM	Edge_1RB_Left	21.85
n5	5	15	846.5	DFT	64QAM	Edge_1RB_Right	21.91
n5	5	15	846.5	DFT	64QAM	Outer_Full	22.04
n5	5	15	846.5	DFT	256QAM	Inner_Full	20.17
n5	5	15	846.5	DFT	256QAM	Edge_1RB_Left	20.47
n5	5	15	846.5	DFT	256QAM	Edge_1RB_Right	20.55
n5	5	15	846.5	DFT	256QAM	Outer_Full	19.98
n5	5	15	846.5	CP	QPSK	Inner_Full	23.08
n5	5	15	846.5	CP	QPSK	Edge_1RB_Left	21.58
n5	5	15	846.5	CP	QPSK	Edge_1RB_Right	21.59
n5	5	15	846.5	CP	QPSK	Outer_Full	21.55
n5	5	15	846.5	CP	16QAM	Inner_Full	22.72
n5	5	15	846.5	CP	16QAM	Edge_1RB_Left	21.92
n5	5	15	846.5	CP	16QAM	Edge_1RB_Right	21.81
n5	5	15	846.5	CP	16QAM	Outer_Full	21.56
n5	5	15	846.5	CP	64QAM	Inner_Full	21.02
n5	5	15	846.5	CP	64QAM	Edge_1RB_Left	21.17
n5	5	15	846.5	CP	64QAM	Edge_1RB_Right	21.06
n5	5	15	846.5	CP	64QAM	Outer_Full	21.04
n5	5	15	846.5	CP	256QAM	Inner_Full	17.99
n5	5	15	846.5	CP	256QAM	Edge_1RB_Left	18.09
n5	5	15	846.5	CP	256QAM	Edge_1RB_Right	18.53
n5	5	15	846.5	CP	256QAM	Outer_Full	17.86
n5	10	15	829	DFT	pi/2 BPSK	Inner_Full	24.24
n5	10	15	829	DFT	pi/2 BPSK	Edge_1RB_Left	23.54
n5	10	15	829	DFT	pi/2 BPSK	Edge_1RB_Right	23.82
n5	10	15	829	DFT	pi/2 BPSK	Outer_Full	23.72
n5	10	15	829	DFT	QPSK	Inner_Full	24.25
n5	10	15	829	DFT	QPSK	Edge_1RB_Left	23.21
n5	10	15	829	DFT	QPSK	Edge_1RB_Right	23.43
n5	10	15	829	DFT	QPSK	Outer_Full	23.35
n5	10	15	829	DFT	16QAM	Inner_Full	23.35
n5	10	15	829	DFT	16QAM	Edge_1RB_Left	22.48
n5	10	15	829	DFT	16QAM	Edge_1RB_Right	22.59
n5	10	15	829	DFT	16QAM	Outer_Full	22.33
n5	10	15	829	DFT	64QAM	Inner_Full	21.94

n5	10	15	829	DFT	64QAM	Edge_1RB_Left	21.99
n5	10	15	829	DFT	64QAM	Edge_1RB_Right	21.70
n5	10	15	829	DFT	64QAM	Outer_Full	21.79
n5	10	15	829	DFT	256QAM	Inner_Full	19.82
n5	10	15	829	DFT	256QAM	Edge_1RB_Left	20.14
n5	10	15	829	DFT	256QAM	Edge_1RB_Right	20.29
n5	10	15	829	DFT	256QAM	Outer_Full	19.76
n5	10	15	829	CP	QPSK	Inner_Full	22.87
n5	10	15	829	CP	QPSK	Edge_1RB_Left	21.27
n5	10	15	829	CP	QPSK	Edge_1RB_Right	21.45
n5	10	15	829	CP	QPSK	Outer_Full	21.37
n5	10	15	829	CP	16QAM	Inner_Full	22.43
n5	10	15	829	CP	16QAM	Edge_1RB_Left	21.39
n5	10	15	829	CP	16QAM	Edge_1RB_Right	21.71
n5	10	15	829	CP	16QAM	Outer_Full	21.39
n5	10	15	829	CP	64QAM	Inner_Full	20.83
n5	10	15	829	CP	64QAM	Edge_1RB_Left	20.79
n5	10	15	829	CP	64QAM	Edge_1RB_Right	20.95
n5	10	15	829	CP	64QAM	Outer_Full	20.87
n5	10	15	829	CP	256QAM	Inner_Full	17.81
n5	10	15	829	CP	256QAM	Edge_1RB_Left	18.15
n5	10	15	829	CP	256QAM	Edge_1RB_Right	18.49
n5	10	15	829	CP	256QAM	Outer_Full	17.78
n5	10	15	836.5	DFT	pi/2 BPSK	Inner_Full	24.32
n5	10	15	836.5	DFT	pi/2 BPSK	Edge_1RB_Left	23.75
n5	10	15	836.5	DFT	pi/2 BPSK	Edge_1RB_Right	23.67
n5	10	15	836.5	DFT	pi/2 BPSK	Outer_Full	23.77
n5	10	15	836.5	DFT	QPSK	Inner_Full	24.29
n5	10	15	836.5	DFT	QPSK	Edge_1RB_Left	23.40
n5	10	15	836.5	DFT	QPSK	Edge_1RB_Right	23.50
n5	10	15	836.5	DFT	QPSK	Outer_Full	23.41
n5	10	15	836.5	DFT	16QAM	Inner_Full	23.32
n5	10	15	836.5	DFT	16QAM	Edge_1RB_Left	22.65
n5	10	15	836.5	DFT	16QAM	Edge_1RB_Right	22.54
n5	10	15	836.5	DFT	16QAM	Outer_Full	22.43
n5	10	15	836.5	DFT	64QAM	Inner_Full	21.88
n5	10	15	836.5	DFT	64QAM	Edge_1RB_Left	21.70
n5	10	15	836.5	DFT	64QAM	Edge_1RB_Right	21.71
n5	10	15	836.5	DFT	64QAM	Outer_Full	21.90
n5	10	15	836.5	DFT	256QAM	Inner_Full	19.83
n5	10	15	836.5	DFT	256QAM	Edge_1RB_Left	20.36

n5	10	15	836.5	DFT	256QAM	Edge_1RB_Right	20.39
n5	10	15	836.5	DFT	256QAM	Outer_Full	19.85
n5	10	15	836.5	CP	QPSK	Inner_Full	23.02
n5	10	15	836.5	CP	QPSK	Edge_1RB_Left	21.43
n5	10	15	836.5	CP	QPSK	Edge_1RB_Right	21.36
n5	10	15	836.5	CP	QPSK	Outer_Full	21.45
n5	10	15	836.5	CP	16QAM	Inner_Full	22.34
n5	10	15	836.5	CP	16QAM	Edge_1RB_Left	21.67
n5	10	15	836.5	CP	16QAM	Edge_1RB_Right	21.75
n5	10	15	836.5	CP	16QAM	Outer_Full	21.36
n5	10	15	836.5	CP	64QAM	Inner_Full	20.95
n5	10	15	836.5	CP	64QAM	Edge_1RB_Left	20.92
n5	10	15	836.5	CP	64QAM	Edge_1RB_Right	20.90
n5	10	15	836.5	CP	64QAM	Outer_Full	20.96
n5	10	15	836.5	CP	256QAM	Inner_Full	17.87
n5	10	15	836.5	CP	256QAM	Edge_1RB_Left	17.99
n5	10	15	836.5	CP	256QAM	Edge_1RB_Right	18.50
n5	10	15	836.5	CP	256QAM	Outer_Full	17.76
n5	10	15	844	DFT	pi/2 BPSK	Inner_Full	24.26
n5	10	15	844	DFT	pi/2 BPSK	Edge_1RB_Left	23.58
n5	10	15	844	DFT	pi/2 BPSK	Edge_1RB_Right	23.54
n5	10	15	844	DFT	pi/2 BPSK	Outer_Full	23.75
n5	10	15	844	DFT	QPSK	Inner_Full	24.27
n5	10	15	844	DFT	QPSK	Edge_1RB_Left	23.26
n5	10	15	844	DFT	QPSK	Edge_1RB_Right	23.17
n5	10	15	844	DFT	QPSK	Outer_Full	23.37
n5	10	15	844	DFT	16QAM	Inner_Full	23.36
n5	10	15	844	DFT	16QAM	Edge_1RB_Left	22.51
n5	10	15	844	DFT	16QAM	Edge_1RB_Right	22.50
n5	10	15	844	DFT	16QAM	Outer_Full	22.40
n5	10	15	844	DFT	64QAM	Inner_Full	21.87
n5	10	15	844	DFT	64QAM	Edge_1RB_Left	21.48
n5	10	15	844	DFT	64QAM	Edge_1RB_Right	21.53
n5	10	15	844	DFT	64QAM	Outer_Full	21.88
n5	10	15	844	DFT	256QAM	Inner_Full	19.81
n5	10	15	844	DFT	256QAM	Edge_1RB_Left	20.23
n5	10	15	844	DFT	256QAM	Edge_1RB_Right	20.27
n5	10	15	844	DFT	256QAM	Outer_Full	19.77
n5	10	15	844	CP	QPSK	Inner_Full	22.90
n5	10	15	844	CP	QPSK	Edge_1RB_Left	21.26
n5	10	15	844	CP	QPSK	Edge_1RB_Right	21.34

n5	10	15	844	CP	QPSK	Outer_Full	21.29
n5	10	15	844	CP	16QAM	Inner_Full	22.35
n5	10	15	844	CP	16QAM	Edge_1RB_Left	21.65
n5	10	15	844	CP	16QAM	Edge_1RB_Right	21.70
n5	10	15	844	CP	16QAM	Outer_Full	21.38
n5	10	15	844	CP	64QAM	Inner_Full	20.88
n5	10	15	844	CP	64QAM	Edge_1RB_Left	20.78
n5	10	15	844	CP	64QAM	Edge_1RB_Right	20.90
n5	10	15	844	CP	64QAM	Outer_Full	20.94
n5	10	15	844	CP	256QAM	Inner_Full	17.81
n5	10	15	844	CP	256QAM	Edge_1RB_Left	18.33
n5	10	15	844	CP	256QAM	Edge_1RB_Right	18.42
n5	10	15	844	CP	256QAM	Outer_Full	17.83
n5	15	15	831.5	DFT	pi/2 BPSK	Inner_Full	24.34
n5	15	15	831.5	DFT	pi/2 BPSK	Edge_1RB_Left	23.67
n5	15	15	831.5	DFT	pi/2 BPSK	Edge_1RB_Right	23.76
n5	15	15	831.5	DFT	pi/2 BPSK	Outer_Full	23.91
n5	15	15	831.5	DFT	QPSK	Inner_Full	24.42
n5	15	15	831.5	DFT	QPSK	Edge_1RB_Left	23.28
n5	15	15	831.5	DFT	QPSK	Edge_1RB_Right	23.50
n5	15	15	831.5	DFT	QPSK	Outer_Full	23.52
n5	15	15	831.5	DFT	16QAM	Inner_Full	23.52
n5	15	15	831.5	DFT	16QAM	Edge_1RB_Left	22.52
n5	15	15	831.5	DFT	16QAM	Edge_1RB_Right	22.71
n5	15	15	831.5	DFT	16QAM	Outer_Full	22.55
n5	15	15	831.5	DFT	64QAM	Inner_Full	21.99
n5	15	15	831.5	DFT	64QAM	Edge_1RB_Left	21.63
n5	15	15	831.5	DFT	64QAM	Edge_1RB_Right	21.72
n5	15	15	831.5	DFT	64QAM	Outer_Full	22.05
n5	15	15	831.5	DFT	256QAM	Inner_Full	19.98
n5	15	15	831.5	DFT	256QAM	Edge_1RB_Left	20.33
n5	15	15	831.5	DFT	256QAM	Edge_1RB_Right	20.42
n5	15	15	831.5	DFT	256QAM	Outer_Full	19.88
n5	15	15	831.5	CP	QPSK	Inner_Full	23.01
n5	15	15	831.5	CP	QPSK	Edge_1RB_Left	21.37
n5	15	15	831.5	CP	QPSK	Edge_1RB_Right	21.33
n5	15	15	831.5	CP	QPSK	Outer_Full	21.47
n5	15	15	831.5	CP	16QAM	Inner_Full	22.51
n5	15	15	831.5	CP	16QAM	Edge_1RB_Left	21.60
n5	15	15	831.5	CP	16QAM	Edge_1RB_Right	21.80
n5	15	15	831.5	CP	16QAM	Outer_Full	21.54

n5	15	15	831.5	CP	64QAM	Inner_Full	21.06
n5	15	15	831.5	CP	64QAM	Edge_1RB_Left	20.88
n5	15	15	831.5	CP	64QAM	Edge_1RB_Right	20.90
n5	15	15	831.5	CP	64QAM	Outer_Full	21.02
n5	15	15	831.5	CP	256QAM	Inner_Full	17.95
n5	15	15	831.5	CP	256QAM	Edge_1RB_Left	18.36
n5	15	15	831.5	CP	256QAM	Edge_1RB_Right	18.43
n5	15	15	831.5	CP	256QAM	Outer_Full	17.97
n5	15	15	836.5	DFT	pi/2 BPSK	Inner_Full	24.44
n5	15	15	836.5	DFT	pi/2 BPSK	Edge_1RB_Left	23.71
n5	15	15	836.5	DFT	pi/2 BPSK	Edge_1RB_Right	23.80
n5	15	15	836.5	DFT	pi/2 BPSK	Outer_Full	23.82
n5	15	15	836.5	DFT	QPSK	Inner_Full	24.44
n5	15	15	836.5	DFT	QPSK	Edge_1RB_Left	23.47
n5	15	15	836.5	DFT	QPSK	Edge_1RB_Right	23.56
n5	15	15	836.5	DFT	QPSK	Outer_Full	23.57
n5	15	15	836.5	DFT	16QAM	Inner_Full	23.62
n5	15	15	836.5	DFT	16QAM	Edge_1RB_Left	22.67
n5	15	15	836.5	DFT	16QAM	Edge_1RB_Right	22.77
n5	15	15	836.5	DFT	16QAM	Outer_Full	22.56
n5	15	15	836.5	DFT	64QAM	Inner_Full	22.10
n5	15	15	836.5	DFT	64QAM	Edge_1RB_Left	21.70
n5	15	15	836.5	DFT	64QAM	Edge_1RB_Right	21.77
n5	15	15	836.5	DFT	64QAM	Outer_Full	22.07
n5	15	15	836.5	DFT	256QAM	Inner_Full	19.97
n5	15	15	836.5	DFT	256QAM	Edge_1RB_Left	20.36
n5	15	15	836.5	DFT	256QAM	Edge_1RB_Right	20.51
n5	15	15	836.5	DFT	256QAM	Outer_Full	20.00
n5	15	15	836.5	CP	QPSK	Inner_Full	23.07
n5	15	15	836.5	CP	QPSK	Edge_1RB_Left	21.50
n5	15	15	836.5	CP	QPSK	Edge_1RB_Right	21.34
n5	15	15	836.5	CP	QPSK	Outer_Full	21.54
n5	15	15	836.5	CP	16QAM	Inner_Full	22.50
n5	15	15	836.5	CP	16QAM	Edge_1RB_Left	21.76
n5	15	15	836.5	CP	16QAM	Edge_1RB_Right	21.73
n5	15	15	836.5	CP	16QAM	Outer_Full	21.46
n5	15	15	836.5	CP	64QAM	Inner_Full	21.06
n5	15	15	836.5	CP	64QAM	Edge_1RB_Left	21.00
n5	15	15	836.5	CP	64QAM	Edge_1RB_Right	21.00
n5	15	15	836.5	CP	64QAM	Outer_Full	20.93
n5	15	15	836.5	CP	256QAM	Inner_Full	17.89



n5	15	15	836.5	CP	256QAM	Edge_1RB_Left	18.48
n5	15	15	836.5	CP	256QAM	Edge_1RB_Right	18.41
n5	15	15	836.5	CP	256QAM	Outer_Full	17.98
n5	15	15	841.5	DFT	pi/2 BPSK	Inner_Full	24.33
n5	15	15	841.5	DFT	pi/2 BPSK	Edge_1RB_Left	23.62
n5	15	15	841.5	DFT	pi/2 BPSK	Edge_1RB_Right	23.73
n5	15	15	841.5	DFT	pi/2 BPSK	Outer_Full	23.84
n5	15	15	841.5	DFT	QPSK	Inner_Full	24.32
n5	15	15	841.5	DFT	QPSK	Edge_1RB_Left	23.48
n5	15	15	841.5	DFT	QPSK	Edge_1RB_Right	23.27
n5	15	15	841.5	DFT	QPSK	Outer_Full	23.47
n5	15	15	841.5	DFT	16QAM	Inner_Full	23.46
n5	15	15	841.5	DFT	16QAM	Edge_1RB_Left	22.67
n5	15	15	841.5	DFT	16QAM	Edge_1RB_Right	22.60
n5	15	15	841.5	DFT	16QAM	Outer_Full	22.45
n5	15	15	841.5	DFT	64QAM	Inner_Full	21.99
n5	15	15	841.5	DFT	64QAM	Edge_1RB_Left	21.75
n5	15	15	841.5	DFT	64QAM	Edge_1RB_Right	21.65
n5	15	15	841.5	DFT	64QAM	Outer_Full	21.99
n5	15	15	841.5	DFT	256QAM	Inner_Full	19.93
n5	15	15	841.5	DFT	256QAM	Edge_1RB_Left	20.42
n5	15	15	841.5	DFT	256QAM	Edge_1RB_Right	20.40
n5	15	15	841.5	DFT	256QAM	Outer_Full	19.95
n5	15	15	841.5	CP	QPSK	Inner_Full	22.98
n5	15	15	841.5	CP	QPSK	Edge_1RB_Left	21.34
n5	15	15	841.5	CP	QPSK	Edge_1RB_Right	21.44
n5	15	15	841.5	CP	QPSK	Outer_Full	21.46
n5	15	15	841.5	CP	16QAM	Inner_Full	22.54
n5	15	15	841.5	CP	16QAM	Edge_1RB_Left	21.50
n5	15	15	841.5	CP	16QAM	Edge_1RB_Right	21.47
n5	15	15	841.5	CP	16QAM	Outer_Full	21.40
n5	15	15	841.5	CP	64QAM	Inner_Full	21.05
n5	15	15	841.5	CP	64QAM	Edge_1RB_Left	20.94
n5	15	15	841.5	CP	64QAM	Edge_1RB_Right	20.88
n5	15	15	841.5	CP	64QAM	Outer_Full	20.93
n5	15	15	841.5	CP	256QAM	Inner_Full	17.94
n5	15	15	841.5	CP	256QAM	Edge_1RB_Left	18.48
n5	15	15	841.5	CP	256QAM	Edge_1RB_Right	18.39
n5	15	15	841.5	CP	256QAM	Outer_Full	17.94
n5	20	15	834	DFT	pi/2 BPSK	Inner_Full	24.35
n5	20	15	834	DFT	pi/2 BPSK	Edge_1RB_Left	23.52

n5	20	15	834	DFT	pi/2 BPSK	Edge_1RB_Right	23.64
n5	20	15	834	DFT	pi/2 BPSK	Outer_Full	23.78
n5	20	15	834	DFT	QPSK	Inner_Full	24.32
n5	20	15	834	DFT	QPSK	Edge_1RB_Left	23.22
n5	20	15	834	DFT	QPSK	Edge_1RB_Right	23.44
n5	20	15	834	DFT	QPSK	Outer_Full	23.44
n5	20	15	834	DFT	16QAM	Inner_Full	23.49
n5	20	15	834	DFT	16QAM	Edge_1RB_Left	22.48
n5	20	15	834	DFT	16QAM	Edge_1RB_Right	22.63
n5	20	15	834	DFT	16QAM	Outer_Full	22.44
n5	20	15	834	DFT	64QAM	Inner_Full	21.91
n5	20	15	834	DFT	64QAM	Edge_1RB_Left	21.47
n5	20	15	834	DFT	64QAM	Edge_1RB_Right	21.67
n5	20	15	834	DFT	64QAM	Outer_Full	21.91
n5	20	15	834	DFT	256QAM	Inner_Full	19.97
n5	20	15	834	DFT	256QAM	Edge_1RB_Left	19.71
n5	20	15	834	DFT	256QAM	Edge_1RB_Right	20.37
n5	20	15	834	DFT	256QAM	Outer_Full	19.84
n5	20	15	834	CP	QPSK	Inner_Full	22.98
n5	20	15	834	CP	QPSK	Edge_1RB_Left	21.20
n5	20	15	834	CP	QPSK	Edge_1RB_Right	21.28
n5	20	15	834	CP	QPSK	Outer_Full	21.42
n5	20	15	834	CP	16QAM	Inner_Full	22.40
n5	20	15	834	CP	16QAM	Edge_1RB_Left	21.49
n5	20	15	834	CP	16QAM	Edge_1RB_Right	21.66
n5	20	15	834	CP	16QAM	Outer_Full	21.44
n5	20	15	834	CP	64QAM	Inner_Full	20.94
n5	20	15	834	CP	64QAM	Edge_1RB_Left	20.81
n5	20	15	834	CP	64QAM	Edge_1RB_Right	20.83
n5	20	15	834	CP	64QAM	Outer_Full	20.91
n5	20	15	834	CP	256QAM	Inner_Full	17.94
n5	20	15	834	CP	256QAM	Edge_1RB_Left	18.24
n5	20	15	834	CP	256QAM	Edge_1RB_Right	18.26
n5	20	15	834	CP	256QAM	Outer_Full	17.75
n5	20	15	836.5	DFT	pi/2 BPSK	Inner_Full	24.35
n5	20	15	836.5	DFT	pi/2 BPSK	Edge_1RB_Left	23.50
n5	20	15	836.5	DFT	pi/2 BPSK	Edge_1RB_Right	23.61
n5	20	15	836.5	DFT	pi/2 BPSK	Outer_Full	23.70
n5	20	15	836.5	DFT	QPSK	Inner_Full	24.33
n5	20	15	836.5	DFT	QPSK	Edge_1RB_Left	23.35
n5	20	15	836.5	DFT	QPSK	Edge_1RB_Right	23.18

n5	20	15	836.5	DFT	QPSK	Outer_Full	23.51
n5	20	15	836.5	DFT	16QAM	Inner_Full	23.52
n5	20	15	836.5	DFT	16QAM	Edge_1RB_Left	22.32
n5	20	15	836.5	DFT	16QAM	Edge_1RB_Right	22.41
n5	20	15	836.5	DFT	16QAM	Outer_Full	22.40
n5	20	15	836.5	DFT	64QAM	Inner_Full	22.00
n5	20	15	836.5	DFT	64QAM	Edge_1RB_Left	21.90
n5	20	15	836.5	DFT	64QAM	Edge_1RB_Right	21.89
n5	20	15	836.5	DFT	64QAM	Outer_Full	22.03
n5	20	15	836.5	DFT	256QAM	Inner_Full	19.95
n5	20	15	836.5	DFT	256QAM	Edge_1RB_Left	19.64
n5	20	15	836.5	DFT	256QAM	Edge_1RB_Right	19.80
n5	20	15	836.5	DFT	256QAM	Outer_Full	19.93
n5	20	15	836.5	CP	QPSK	Inner_Full	23.00
n5	20	15	836.5	CP	QPSK	Edge_1RB_Left	21.33
n5	20	15	836.5	CP	QPSK	Edge_1RB_Right	21.35
n5	20	15	836.5	CP	QPSK	Outer_Full	21.35
n5	20	15	836.5	CP	16QAM	Inner_Full	22.53
n5	20	15	836.5	CP	16QAM	Edge_1RB_Left	21.82
n5	20	15	836.5	CP	16QAM	Edge_1RB_Right	21.67
n5	20	15	836.5	CP	16QAM	Outer_Full	21.45
n5	20	15	836.5	CP	64QAM	Inner_Full	21.02
n5	20	15	836.5	CP	64QAM	Edge_1RB_Left	21.24
n5	20	15	836.5	CP	64QAM	Edge_1RB_Right	21.28
n5	20	15	836.5	CP	64QAM	Outer_Full	20.86
n5	20	15	836.5	CP	256QAM	Inner_Full	17.89
n5	20	15	836.5	CP	256QAM	Edge_1RB_Left	17.80
n5	20	15	836.5	CP	256QAM	Edge_1RB_Right	17.75
n5	20	15	836.5	CP	256QAM	Outer_Full	17.84
n5	20	15	839	DFT	pi/2 BPSK	Inner_Full	24.34
n5	20	15	839	DFT	pi/2 BPSK	Edge_1RB_Left	23.67
n5	20	15	839	DFT	pi/2 BPSK	Edge_1RB_Right	23.69
n5	20	15	839	DFT	pi/2 BPSK	Outer_Full	23.81
n5	20	15	839	DFT	QPSK	Inner_Full	24.35
n5	20	15	839	DFT	QPSK	Edge_1RB_Left	23.40
n5	20	15	839	DFT	QPSK	Edge_1RB_Right	23.23
n5	20	15	839	DFT	QPSK	Outer_Full	23.44
n5	20	15	839	DFT	16QAM	Inner_Full	23.58
n5	20	15	839	DFT	16QAM	Edge_1RB_Left	22.50
n5	20	15	839	DFT	16QAM	Edge_1RB_Right	22.60
n5	20	15	839	DFT	16QAM	Outer_Full	22.42

n5	20	15	839	DFT	64QAM	Inner_Full	22.01
n5	20	15	839	DFT	64QAM	Edge_1RB_Left	21.66
n5	20	15	839	DFT	64QAM	Edge_1RB_Right	21.74
n5	20	15	839	DFT	64QAM	Outer_Full	21.93
n5	20	15	839	DFT	256QAM	Inner_Full	19.98
n5	20	15	839	DFT	256QAM	Edge_1RB_Left	19.86
n5	20	15	839	DFT	256QAM	Edge_1RB_Right	20.33
n5	20	15	839	DFT	256QAM	Outer_Full	19.92
n5	20	15	839	CP	QPSK	Inner_Full	23.01
n5	20	15	839	CP	QPSK	Edge_1RB_Left	21.36
n5	20	15	839	CP	QPSK	Edge_1RB_Right	21.42
n5	20	15	839	CP	QPSK	Outer_Full	21.46
n5	20	15	839	CP	16QAM	Inner_Full	22.49
n5	20	15	839	CP	16QAM	Edge_1RB_Left	21.71
n5	20	15	839	CP	16QAM	Edge_1RB_Right	21.72
n5	20	15	839	CP	16QAM	Outer_Full	21.40
n5	20	15	839	CP	64QAM	Inner_Full	20.86
n5	20	15	839	CP	64QAM	Edge_1RB_Left	20.97
n5	20	15	839	CP	64QAM	Edge_1RB_Right	20.81
n5	20	15	839	CP	64QAM	Outer_Full	20.85
n5	20	15	839	CP	256QAM	Inner_Full	17.92
n5	20	15	839	CP	256QAM	Edge_1RB_Left	18.43
n5	20	15	839	CP	256QAM	Edge_1RB_Right	18.44
n5	20	15	839	CP	256QAM	Outer_Full	17.79