SAR TEST REPORT

Product Name: 5G Smart phone

Model Name: OB-A99, TANK 4

FCC ID: 2BAVY-OBA99

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

Room 702, Hepingdayou industrial and trade industrial park, No. 41, Yonghe Road, Heping Community, Fuhai Street, Baoan District, Shenzhen City,China

Issued By : Shenzhen LGT Test Service Co., Ltd.

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Report Number:	LGT25E141HA03
Sample Received Date:	Apr. 25, 2025
Date of Test	Jun. 03, 2025 ~ Jun. 22, 2025
Date of Issue	Jul. 24, 2025
Max. SAR (1g)	Head:0.816 W/kg Body:0.907 W/kg

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Revision History

Rev.	Issue Date	Contents
00	Jul. 24, 2025	Initial Issue

TEST REPORT CERTIFICATION

Applicant	Shenzhen OBLUE Communication Technology Co.,Ltd.
Address	Room 702, Hepingdayou industrial and trade industrial park, No. 41, Yonghe Road, Heping Community, Fuhai Street, Baoan District, Shenzhen City,China
Manufacture	Shenzhen OBLUE Communication Technology Co.,Ltd.
Address	Room 702, Hepingdayou industrial and trade industrial park, No. 41, Yonghe Road, Heping Community, Fuhai Street, Baoan District, Shenzhen City,China
Product Name	5G Smart phone
Trademark	8849, Unihertz, iHunt
Model Name	OB-A99
Sample number	LGT2505161

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
ANSI/IEEE Std. C95.1-2019 FCC 47 CFR Part 2 (2.1093) IEEE 1528: 2013	PASS

Prepared by:

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SHENZHEN LGT TEST SERVICE CO., LTD.
LGT
领冠检测

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	OB-A99
Series Model	TANK 4
Model Difference	Only the market models are different
Device Category	Portable
Product stage	Production unit
RF Exposure Environment	General Population / Uncontrolled
Hardware Version	A99_V2.0
Software Version	JOB-A99_20250617
Frequency Range	GSM 850: 824 ~ 849 MHz PCS 1900: 1850 ~ 1910 MHz WCDMA Band II: 1850 ~ 1910 MHz WCDMA Band IV:1710 ~ 1755 MHz WCDMA Band V: 824 ~ 849 MHz LTE Band 2:1850 ~1910MHz LTE Band 4:1710 ~1755MHz LTE Band 5:824 ~ 849MHz LTE Band 7:2500 ~ 2570MHz LTE Band 12:699~716MHz LTE Band 13:777~787MHz LTE Band 17:704 ~ 716MHz LTE Band 25:1850~1915MHz LTE Band 26:814~824MHz/824-849MHz LTE Band 38:2570~2620MHz LTE Band 40:2305~2315MHz/2350-2360MHz LTE Band 41:2496~2690MHz LTE Band 66:1710~1780MHz NR N2:1850 MHz ~ 1910 MHz NR N5:824 MHz ~ 849 MHz NR N7:2500 MHz ~2570 MHz NR N25:1850 MHz ~1915 MHz NR N26: 814~824MHz/824-849MHz NR N38:2570 MHz ~2620 MHz NR N41:2496 MHz ~ 2690 MHz NR N66: 1710 MHz ~ 1780MHz NR N77:3450 MHz ~ 3550 MHz, 3700 MHz ~ 3980 MHz NR N78:3450 MHz ~ 3550 MHz, 3700 MHz ~ 3800 MHz NSA: B5+N41 WLAN 802.11b/g/n/ac/ax20: 2412 MHz ~ 2462 MHz WLAN 802.11n/ac/ax40: 2422 MHz ~ 2452 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80: 5150 ~ 5250 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80: 5250 ~ 5350 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80: 5470 ~ 5725 MHz WLAN 802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80: 5725 ~ 5850 MHz

	Bluetooth: 2402 ~ 2480 MHz NFC:13.56MHz		
Max. Reported SAR(1g): (Limit:1.6W/kg) Test distance: Head:0mm Body:10mm	Mode	Head (W/ kg)	Body Worn and Hotspot (W/ kg)
	GSM 850	0.159	0.250
	PCS 1900	0.084	0.652
	WCDMA Band II	0.137	0.791
	WCDMA Band IV	0.181	0.513
	WCDMA Band V	0.165	0.268
	LTE Band 2	0.139	0.617
	LTE Band 4	0.306	0.680
	LTE Band 5	0.110	0.236
	LTE Band 7	0.351	0.572
	LTE Band 12	0.099	0.188
	LTE Band 13	0.135	0.254
	LTE Band 17	0.114	0.208
	LTE Band 25	0.150	0.795
	LTE Band 26	0.136	0.241
	LTE Band 38	0.420	0.604
	LTE Band 40	0.447	0.440
	LTE Band 41	0.321	0.605
	LTE Band 66	0.208	0.618
	NR N2	0.256	0.285
	NR N5	0.079	0.280
	NR N7	0.692	0.781
	NR N25	0.137	0.208
	NR N26	0.127	0.216
	NR N38	0.816	0.791
	NR N41	0.679	0.671
	NR N66	0.236	0.414
	NR N77	0.483	0.838
	NR N78	0.573	0.839
	NSA B5+N41	0.789	0.907
	2.4G WLAN ANT 1	0.225	0.139
	2.4G WLAN ANT 2	0.097	0.257
	2.4G WLAN MIMO	0.308	0.356
	5.2G WLAN ANT 1	0.424	0.415
	5.2G WLAN ANT 2	0.583	0.484
	5.2G WLAN MIMO	0.657	0.715
	5.3G WLAN ANT 1	0.560	0.540
	5.3G WLAN ANT 2	0.718	0.435
	5.3G WLAN MIMO	0.743	0.397
	5.6G WLAN ANT 1	0.690	0.357
	5.6G WLAN ANT 2	0.518	0.457
	5.6G WLAN MIMO	0.635	0.508
	5.8G WLAN ANT 1	0.648	0.361
	5.8G WLAN ANT 2	0.558	0.454
	5.8G WLAN MIMO	0.744	0.510
	Bluetooth	0.112	0.098
	NFC[Note]	0.0000005	0.0000005
1-g Sum SAR		1.560	1.554
Battery	Rated Voltage:7.74V Capacity: 5750mAh		
Description test modes	SIM 1 and SIM 2 is a chipset unit and tested as single chipset, SIM 1 is used to tested		

Operating Mode:	GSM: GSM Voice; GPRS Class 12 WCDMA: RMC, HSDPA, HSUPA Release 6 LTE: QPSK, 16QAM 5G NR: DFT-s-OFDM, CP-OFDM (π/2 shift BPSK, QPSK, 16QAM, 64QAM, 256QAM) 2.4G WLAN: 802.11b(DSSS): CCK, DQPSK, DBPSK 802.11n/g(OFDM): BPSK, QPSK,16-QAM,64-QAM 802.11ax(OFDM): BPSK, QPSK,16-QAM,64-QAM,256-QAM 5G WLAN: 802.11a/n(OFDM): BPSK, QPSK,16-QAM,64-QAM 802.11ac(OFDM): BPSK, QPSK,16-QAM,64-QAM,256-QAM 802.11ax(OFDM): BPSK, QPSK,16-QAM,64-QAM,256-QAM Bluetooth: GFSK +π/4DQPSK+8DPSK BLE: GFSK NFC: FSK
Antenna Specification	GSM/WCDMA/LTE/NR: PIFA Antenna Bluetooth: PIFA Antenna WLAN: PIFA Antenna 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
Note 1: The NFC value was Estimated.	

EN-DC SAR test summary:

Band	Mode	Head Max SAR (W/Kg)	Head Test sum	Body Max SAR (W/Kg)	Body Test sum
NSA N41+B5	SA N41	0.679	0.789	0.671	0.907
	LTE B5	0.110		0.236	

1.2 Test Environment

Ambient conditions in the SAR laboratory:

Items	Required
Temperature (℃)	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. C95.1-2019	IEEE Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz 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).

NOTE GENERAL POPULATION/UNCONTROLLED EXPOSURE PARTIAL BODY LIMIT 1.6 W/kg

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:

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

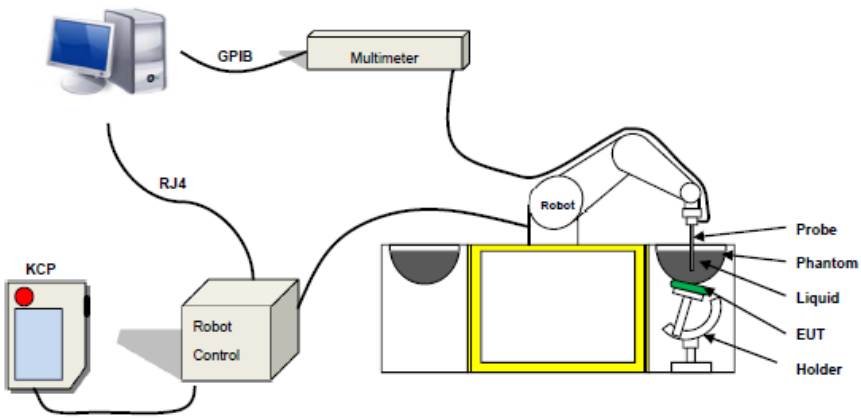
SAR is expressed in units of Watts per kilogram (W/kg) SAR measurement can be related to the electrical field in the tissue by

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

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

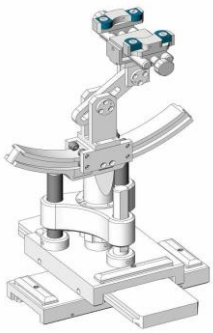
3.2.2 Phantom

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 ± 0.5 mm would produce a SAR uncertainty of ± 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 of 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	εr	σ 10g 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

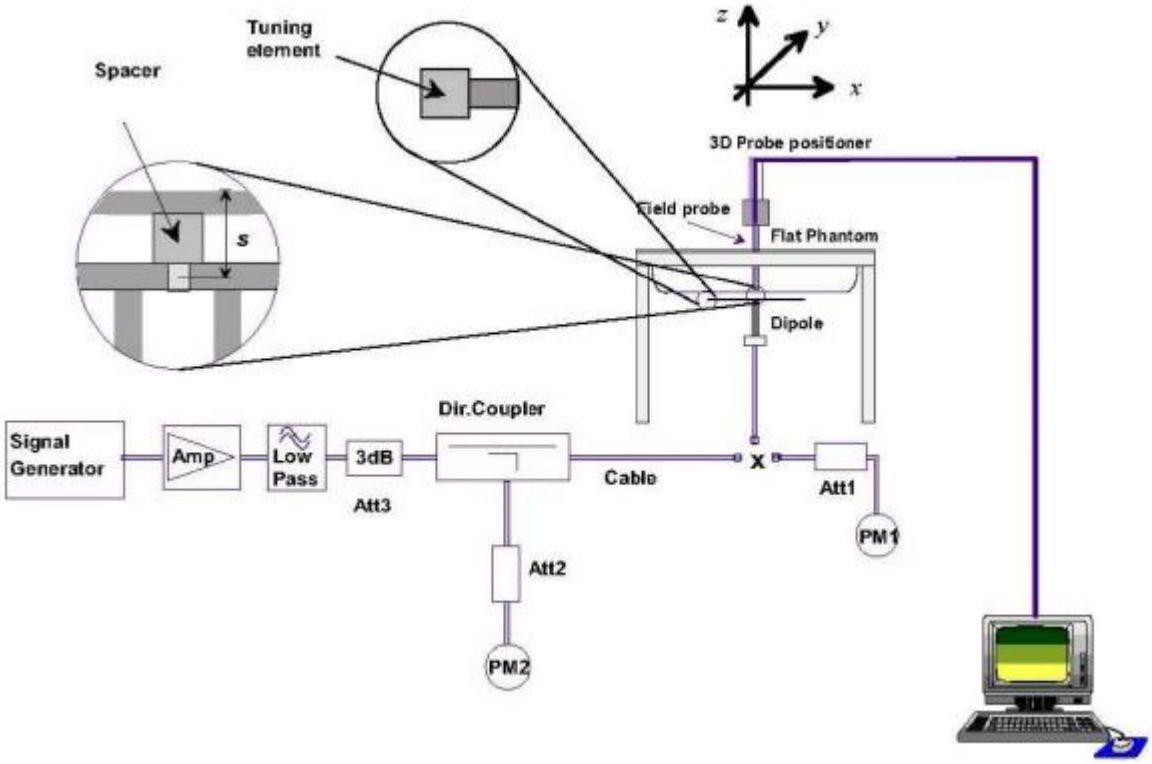
Date	Ambient		Simulating Liquid		Parameters	Target	Measured	Deviation %	Limited %
	Temp. [°C]	Humidity %	Frequency (MHz)	Temp. [°C]					
2025-06-05	23.3	52	750	23	Permittivity	41.90	42.16	0.62	±5
					Conductivity	0.89	0.86	-3.37	±5
2025-06-08	23.7	60	835	23.4	Permittivity	41.50	41.02	-1.16	±5
					Conductivity	0.90	0.92	2.22	±5
2025-06-13	24	52	835	23.8	Permittivity	41.50	41.71	0.51	±5
					Conductivity	0.90	0.91	1.11	±5
2025-06-07	21.3	58	1800	21	Permittivity	40.00	40.80	2.00	±5
					Conductivity	1.40	1.35	-3.57	±5
2025-06-09	21.8	41	1800	21.4	Permittivity	40.00	41.02	2.55	±5
					Conductivity	1.40	1.35	-3.57	±5
2025-06-06	20.9	44	1900	20.6	Permittivity	40.00	41.18	2.95	±5
					Conductivity	1.40	1.44	2.86	±5
2025-06-09	21.8	41	1900	21.4	Permittivity	40.00	41.09	2.73	±5
					Conductivity	1.40	1.42	1.43	±5
2025-06-14	23.4	45	2300	23	Permittivity	39.47	39.82	0.90	±5
					Conductivity	1.67	1.67	0.20	±5
2025-06-14	23.5	45	2450	23.2	Permittivity	39.20	39.79	1.51	±5
					Conductivity	1.80	1.79	-0.56	±5
2025-06-04	24	50	2600	23.7	Permittivity	39.00	39.27	0.69	±5
					Conductivity	1.96	1.94	-1.02	±5
2025-06-03	21.7	48	2600	21.3	Permittivity	39.00	39.53	1.36	±5
					Conductivity	1.96	2.01	2.55	±5
2025-06-11	20.7	59	3700	20.4	Permittivity	37.67	37.63	-0.12	±5
					Conductivity	3.12	3.13	0.47	±5
2025-06-15	23.4	53	3900	23.1	Permittivity	37.45	38.65	3.21	±5
					Conductivity	3.32	3.48	4.80	±5
2025-06-16	20.3	45	5200	20	Permittivity	36.00	36.35	0.97	±5
					Conductivity	4.66	4.60	-1.29	±5
2025-06-17	20.2	40	5400	19.9	Permittivity	35.80	36.54	2.07	±5
					Conductivity	4.86	4.82	-0.82	±5
2025-06-18	22.7	50	5600	22.4	Permittivity	35.55	36.61	2.98	±5
					Conductivity	5.07	5.05	-0.30	±5
2025-06-19	21.6	48	5800	21.3	Permittivity	35.30	35.89	1.67	±5
					Conductivity	5.27	5.23	-0.76	±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 ±10 %.

Date	Freq.	Power	Power drift	Tested Value	Normalized SAR	Target SAR	Tolerance
	(MHz)	(mW)	(%)	(W/Kg)	(W/kg)	1g(W/kg)	(%)
2025-06-05	750	100	0.820	8.20	8.37	-2.03	10
2025-06-08	835	100	0.933	9.33	9.73	-4.11	10
2025-06-13	835	100	0.981	9.81	9.73	0.82	10
2025-06-07	1800	100	3.956	39.56	39.03	1.36	10
2025-06-09	1800	100	3.881	38.81	39.03	-0.56	10
2025-06-06	1900	100	4.143	41.43	40.89	1.32	10
2025-06-09	1900	100	4.105	41.05	40.89	0.39	10
2025-06-14	2300	100	5.072	50.72	50.91	-0.37	10
2025-06-14	2450	100	5.429	54.29	54.21	0.15	10
2025-06-04	2600	100	5.701	57.01	56.56	0.80	10
2025-06-03	2600	100	5.626	56.26	56.56	-0.53	10
2025-06-11	3700	100	7.003	70.03	69.81	0.32	10
2025-06-15	3900	100	6.973	69.73	69.94	-0.30	10
2025-06-16	5200	100	8.086	80.86	80.96	-0.12	10
2025-06-17	5400	100	8.503	85.03	84.63	0.47	10
2025-06-18	5600	100	8.193	81.93	80.97	1.19	10
2025-06-19	5800	100	8.130	81.30	81.68	-0.47	10

Note:

1. The tolerance limit of System validation ±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 to16 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

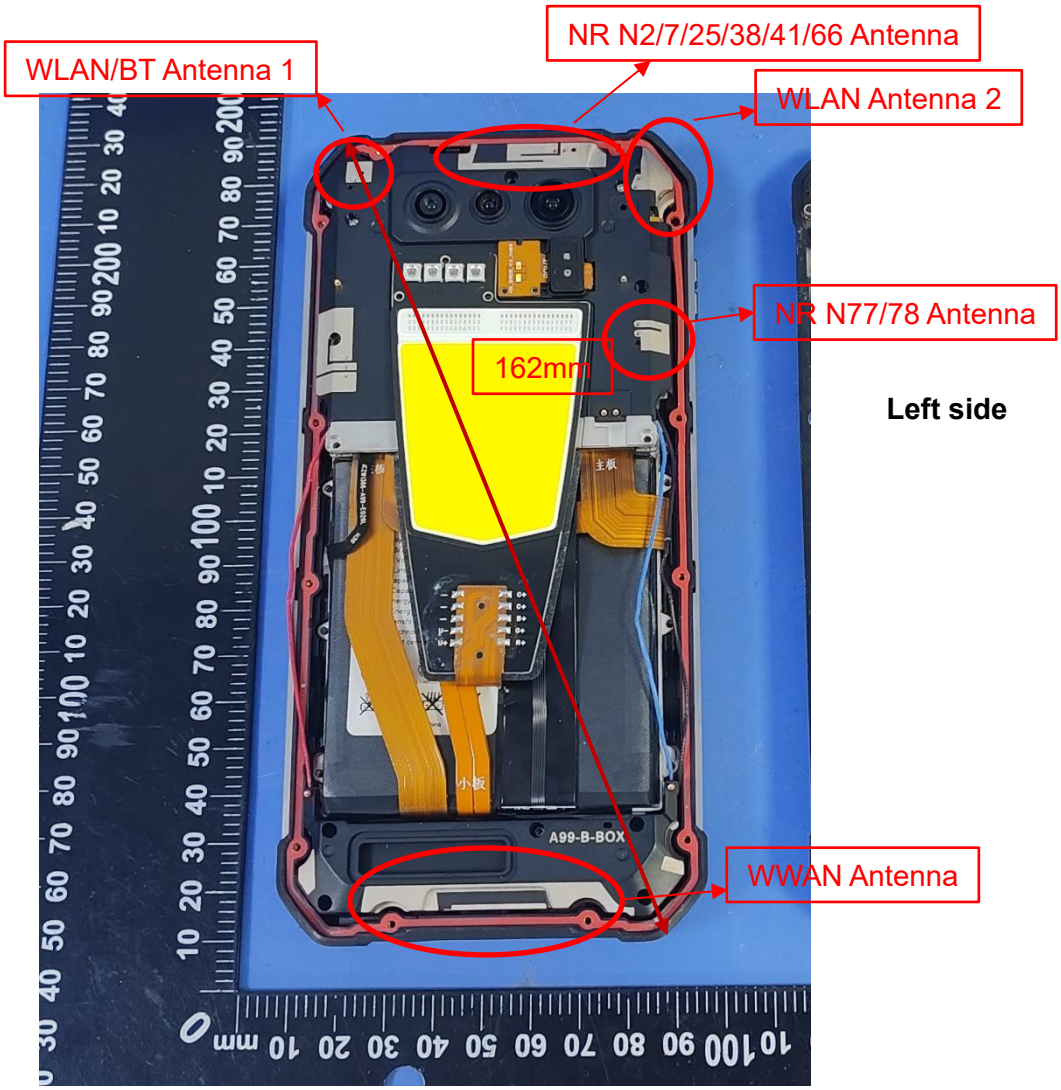
First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan 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/NR mode.

Top side



Right side

Left side

Bottom side
(Back view)

ANT	Transmitting antenna located(mm)					
	Back Side	Front Side	Left Side	Right Side	Top Side	Bottom Side
GSM/WCDMA/LTE/NR N5/26 Antenna	≤5	≤5	14	18	163	≤5
BT/WLAN Antenna 1	≤5	≤5	68	≤5	≤5	163
WLAN Antenna 2	≤5	≤5	≤5	73	≤5	155
5G NR Antenna	≤5	≤5	20	35	≤5	163
5G N77/N78 Antenna	≤5	≤5	5	73	47	122

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

7.1 SAR test exclusion consider table

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

	Wireless Interface	GSM850	PCS1900	WCDMA II	WCDMA IV	WCDMA V
Exposure Position	Calculated Frequency (MHz)	836.6	1880	1880	1712.6	846.6
	Maximum Turn-up power (dBm)	32.4	28.5	18.9	21.5	24.5
	Maximum rated power(mW)	1737.80	707.95	77.62	141.25	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)	14	14	14	14	14
	exclusion threshold(mW)	45.92	30.63	30.63	32.09	45.65
	Testing required?	YES	YES	YES	YES	YES
Right Edge	Separation distance (mm)	18	18	18	18	18
	exclusion threshold(mW)	59.04	39.38	39.38	41.26	58.69
	Testing required?	YES	YES	YES	YES	YES
Top Edge	Separation distance (mm)	163	163	163	163	163
	exclusion threshold(mW)	794.23	1239.40	1239.40	1244.62	800.80
	Testing required?	YES	NO	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	LTE Band 2	LTE Band 4	LTE Band 5	LTE Band 7	LTE Band 12
	Calculated Frequency (MHz)	1860	1720	844	2510	711
	Maximum Turn-up power (dBm)	18.8	20.3	24.5	20	24.5
	Maximum rated power(mW)	75.86	107.15	281.84	100.00	281.84
Back Side	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	11.00	11.44	16.33	9.47	17.79
	Testing required?	YES	YES	YES	YES	YES
Front Side	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	11.00	11.44	16.33	9.47	17.79
	Testing required?	YES	YES	YES	YES	YES
Left Edge	Separation distance (mm)	14	14	14	14	14
	exclusion threshold(mW)	30.80	32.02	45.72	26.51	49.81
	Testing required?	YES	YES	YES	YES	YES
Right Edge	Separation distance (mm)	18	18	18	18	18
	exclusion threshold(mW)	39.59	41.17	58.78	34.08	64.04
	Testing required?	YES	YES	YES	YES	YES
Top Edge	Separation distance (mm)	163	163	163	163	163
	exclusion threshold(mW)	1239.99	1244.37	799.09	1224.68	713.51
	Testing required?	NO	NO	NO	NO	NO
Bottom Edge	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	11.00	11.44	16.33	9.47	17.79
	Testing required?	YES	YES	YES	YES	YES

Exposure Position	Wireless Interface	LTE Band 13	LTE Band 17	LTE Band 25	LTE Band 26	LTE Band 38
	Calculated Frequency (MHz)	782	711	1860	841.5	2610
	Maximum Turn-up power (dBm)	24	24.5	18.8	24.5	25.8
	Maximum rated power(mW)	251.19	281.84	75.86	281.84	380.19
Back Side	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	16.96	17.79	11.00	16.35	9.28
	Testing required?	YES	YES	YES	YES	YES
Front Side	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	16.96	17.79	11.00	16.35	9.28
	Testing required?	YES	YES	YES	YES	YES
Left Edge	Separation distance (mm)	14	14	14	14	14
	exclusion threshold(mW)	47.49	49.81	30.80	45.78	26.00
	Testing required?	YES	YES	YES	YES	YES
Right Edge	Separation distance (mm)	18	18	18	18	18
	exclusion threshold(mW)	61.06	64.04	39.59	58.87	33.43
	Testing required?	YES	YES	YES	YES	YES
Top Edge	Separation distance (mm)	163	163	163	163	163
	exclusion threshold(mW)	758.73	713.51	1239.99	797.45	1222.85
	Testing required?	NO	NO	NO	NO	NO
Bottom Edge	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	16.96	17.79	11.00	16.35	9.28
	Testing required?	YES	YES	YES	YES	YES

Exposure Position	Wireless Interface	LTE Band 40	LTE Band 41	LTE Band 66	BT	2.4G WLAN ANT 1
	Calculated Frequency (MHz)	2350	2506	1720	2441	2437
	Maximum Turn-up power (dBm)	13.7	25.5	19.5	8.5	14.5
	Maximum rated power(mW)	23.44	354.81	89.13	7.08	28.18
Back Side	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	9.78	9.48	11.44	9.60	9.61
	Testing required?	YES	YES	YES	NO	YES
Front Side	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	9.78	9.48	11.44	9.60	9.61
	Testing required?	YES	YES	YES	NO	YES
Left Edge	Separation distance (mm)	14	14	14	68	68
	exclusion threshold(mW)	27.40	26.53	32.02	276.01	276.09
	Testing required?	NO	YES	YES	NO	NO
Right Edge	Separation distance (mm)	18	18	18	5	5
	exclusion threshold(mW)	35.23	34.11	41.17	9.60	9.61
	Testing required?	NO	YES	YES	NO	YES
Top Edge	Separation distance (mm)	163	163	163	5	5
	exclusion threshold(mW)	1227.85	1224.75	1244.37	9.60	9.61
	Testing required?	NO	NO	NO	NO	YES
Bottom Edge	Separation distance (mm)	5	5	5	163	163
	exclusion threshold(mW)	9.78	9.48	11.44	1226.01	1226.09
	Testing required?	YES	YES	YES	NO	NO

Exposure Position	Wireless Interface	2.4G WLAN ANT 2	5.2G WLAN ANT 1	5.2G WLAN ANT 2	5.3G WLAN ANT 1	5.3G WLAN ANT 2
	Calculated Frequency (MHz)	2437	5240	5200	5260	5300
	Maximum Turn-up power (dBm)	14.8	14	14.2	13.9	13.9
	Maximum rated power(mW)	30.20	25.12	26.30	24.55	24.55
Back Side	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	9.61	6.55	6.58	6.54	6.52
	Testing required?	YES	YES	YES	YES	YES
Front Side	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	9.61	6.55	6.58	6.54	6.52
	Testing required?	YES	YES	YES	YES	YES
Left Edge	Separation distance (mm)	5	68	5	68	5
	exclusion threshold(mW)	9.61	245.53	6.58	245.40	6.52
	Testing required?	YES	NO	YES	NO	YES
Right Edge	Separation distance (mm)	73	5	73	5	73
	exclusion threshold(mW)	326.09	6.55	295.78	6.54	295.16
	Testing required?	NO	YES	NO	YES	NO
Top Edge	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	9.61	6.55	6.58	6.54	6.52
	Testing required?	YES	YES	YES	YES	YES
Bottom Edge	Separation distance (mm)	155	163	155	163	155
	exclusion threshold(mW)	1146.09	1195.53	1115.78	1195.40	1115.16
	Testing required?	NO	NO	NO	NO	NO

Exposure Position	Wireless Interface	5.6G WLAN ANT 1	5.6G WLAN ANT 2	5.8G WLAN ANT 1	5.8G WLAN ANT 2	SA N2
	Calculated Frequency (MHz)	5580	5700	5785	5785	1900
	Maximum Turn-up power (dBm)	14.2	13.7	14.5	14	23.1
	Maximum rated power(mW)	26.30	23.44	28.18	25.12	204.17
Back Side	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	6.35	6.28	6.24	6.24	10.88
	Testing required?	YES	YES	YES	YES	YES
Front Side	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	6.35	6.28	6.24	6.24	10.88
	Testing required?	YES	YES	YES	YES	YES
Left Edge	Separation distance (mm)	68	5	68	5	20
	exclusion threshold(mW)	243.50	6.28	242.36	6.24	43.53
	Testing required?	NO	YES	NO	YES	YES
Right Edge	Separation distance (mm)	5	73	5	73	35
	exclusion threshold(mW)	6.35	292.83	6.24	292.36	76.18
	Testing required?	YES	NO	YES	NO	YES
Top Edge	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	6.35	6.28	6.24	6.24	10.88
	Testing required?	YES	YES	YES	YES	YES
Bottom Edge	Separation distance (mm)	163	155	163	155	163
	exclusion threshold(mW)	1193.50	1112.83	1192.36	1112.36	1238.82
	Testing required?	NO	NO	NO	NO	NO

Exposure Position	Wireless Interface	SA N5	SA N7	SA N25	SA N26	SA N38
	Calculated Frequency (MHz)	839	2535	1905	836.5	2600
	Maximum Turn-up power (dBm)	23.6	20.2	23.1	23.5	20
	Maximum rated power(mW)	229.09	104.71	204.17	223.87	100.00
Back Side	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	16.38	9.42	10.87	16.40	9.30
	Testing required?	YES	YES	YES	YES	YES
Front Side	Separation distance (mm)	5	5	5	5	5
	exclusion threshold(mW)	16.38	9.42	10.87	16.40	9.30
	Testing required?	YES	YES	YES	YES	YES
Left Edge	Separation distance (mm)	14	20	20	14	20
	exclusion threshold(mW)	45.85	37.68	43.47	45.92	37.21
	Testing required?	YES	YES	YES	YES	YES
Right Edge	Separation distance (mm)	18	35	35	18	35
	exclusion threshold(mW)	58.95	65.95	76.07	59.04	65.12
	Testing required?	YES	YES	YES	YES	YES
Top Edge	Separation distance (mm)	163	5	5	163	5
	exclusion threshold(mW)	795.81	9.42	10.87	794.17	9.30
	Testing required?	NO	YES	YES	NO	YES
Bottom Edge	Separation distance (mm)	5	163	163	5	163
	exclusion threshold(mW)	16.38	1224.21	1238.68	16.40	1223.03
	Testing required?	YES	NO	NO	YES	NO

Exposure Position	Wireless Interface	SA N41	SA N66	SA N77	SA N78
	Calculated Frequency (MHz)	2592.99	1777.5	3750	3750
	Maximum Turn-up power (dBm)	19.8	23.5	23.5	23.5
	Maximum rated power(mW)	95.50	223.87	223.87	223.87
Back Side	Separation distance (mm)	5	5	5	5
	exclusion threshold(mW)	9.32	11.25	7.75	7.75
	Testing required?	YES	YES	YES	YES
Front Side	Separation distance (mm)	5	5	5	5
	exclusion threshold(mW)	9.32	11.25	7.75	7.75
	Testing required?	YES	YES	YES	YES
Left Edge	Separation distance (mm)	20	20	5	5
	exclusion threshold(mW)	37.26	-187.49	-372.54	-372.54
	Testing required?	YES	YES	YES	YES
Right Edge	Separation distance (mm)	35	35	73	73
	exclusion threshold(mW)	65.21	78.76	307.46	307.46
	Testing required?	YES	YES	NO	NO
Top Edge	Separation distance (mm)	5	5	47	47
	exclusion threshold(mW)	9.32	11.25	72.81	72.81
	Testing required?	YES	YES	YES	YES
Bottom Edge	Separation distance (mm)	163	163	122	122
	exclusion threshold(mW)	1223.15	1242.51	797.46	797.46
	Testing required?	NO	NO	NO	NO

Note：

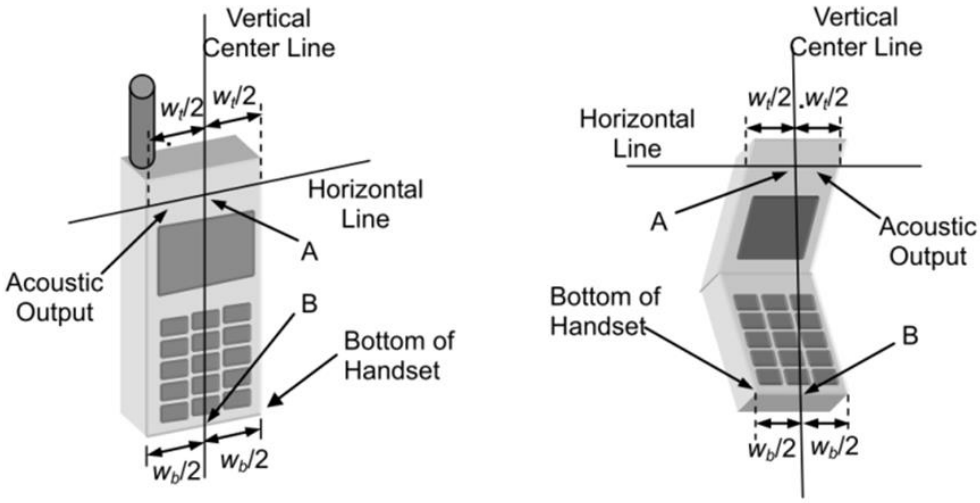
1. maximum power is the source-based time-average power and represents the maximum RF output power among production units.
2. per KDB 447498 D01, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
3. 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 ≤50mm are determined by:
   [(max.power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]*[√f(GHz）)≤3.0 for 1-g SAR and≤7.5 for10-g extremity SAR ,f(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 (MHz)/150)]mW, at 100 MHz to 1500 MHz
   b) [threshold at 50mm in step1]+(test separation distance -50mm) *10]mW at＞1500MHz and≤ 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

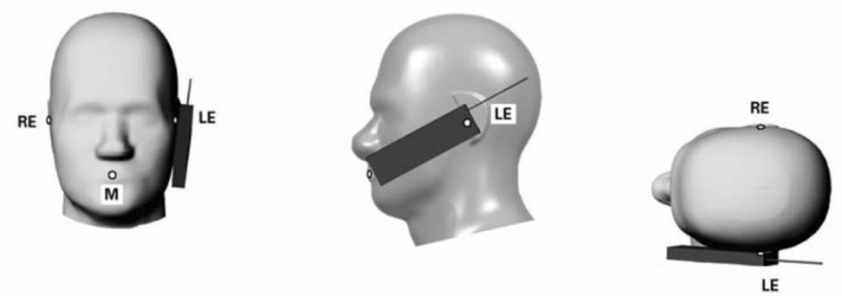
This EUT was tested in Right Cheek, Right Titled, Left Cheek, Left Titled, Front Face and Rear Face.

8.1 Define Two Imaginary Lines on the Handset

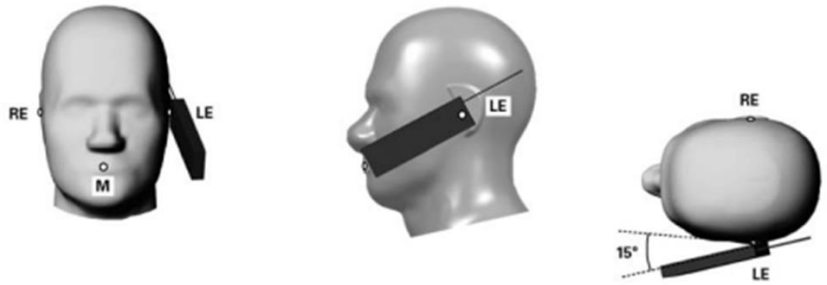
(1) The vertical centerline passes through two points on the front side of the handset the midpoint of the width wt of the handset at the level of the acoustic output, and the midpoint of the width wb of the handset.
(2) The horizontal line is perpendicular to the vertical centerline and passes through 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.



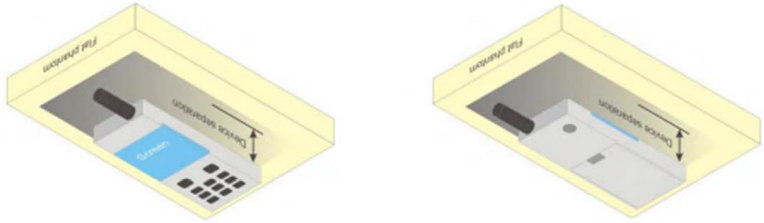
Cheek Position
1) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane 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.

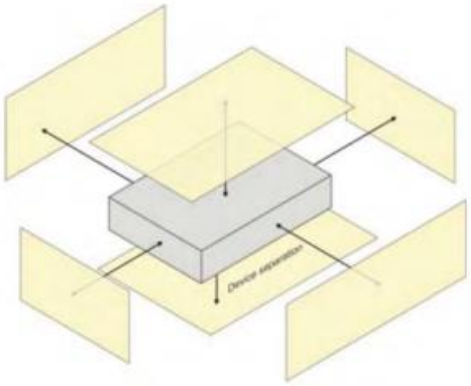


Body-worn Position Conditions:
Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB Publication 447498 D01 should be used to test for body-worn accessory SAR compliance, without a headset 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 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 form 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.

Uncertainty Component	Tol (+- %)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+-%)	10g Ui (+-%)	vi
Measurement System								
Probe calibration	5.8	N	1	1	1	5.8	5.8	∞
Axial Isotropy	3.5	R	$\sqrt{3}$	√0.5	√0.5	1.43	1.43	∞
Hemispherical Isotropy	5.9	R	$\sqrt{3}$	√0.5	√0.5	2.41	2.41	∞
Boundary effect	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Linearity	4.7	R	$\sqrt{3}$	1	1	2.71	2.71	∞
System detection limits	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Modulation response	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
Readout Electronics	0.5	N	1	1	1	0.50	0.50	∞
Response Time	0	R	$\sqrt{3}$	1	1	0.00	0.00	∞
Integration Time	1.4	R	$\sqrt{3}$	1	1	1.81	1.81	∞
RF ambient conditions-Noise	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
RF ambient conditions-reflections	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
Probe positioner mechanical tolerance	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Probe positioning with respect to phantom shell	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Extrapolation, Interpolation and Integration Algoritms for Max, SAR	2.3	R	$\sqrt{3}$	1	1	1.33	1.33	∞
Test sample Related								
Test sample positioning	2.6	N	1	1	1	2.60	2.60	11
Device holder uncertainty	3	N	1	1	1	3.00	3.00	7
Output Power Variation - SAR Drift Measurement	5	R	$\sqrt{3}$	1	1	2.89	2.89	∞
SAR scaling	2	R	$\sqrt{3}$	1	1	1.15	1.15	∞
Phantom and tissue parameters								
Phantom uncertainty (shape and thickness uncertainty)	4	R	$\sqrt{3}$	1	1	2.31	2.31	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	2	N	1	1	0.84	2.00	1.68	∞
Liquid Conductivity - Measurement Uncertainty)	4	N	1	0.78	0.71	3.12	2.84	5
Liquid Permittivity - Measurement Uncertainty	5	N	1	0.23	0.26	1.15	1.30	5
Liquid Conductivity (Temperature Uncertainty)	2.5	R	$\sqrt{3}$	0.78	0.71	1.13	1.02	∞
Liquid Permittivity (Temperature Uncertainty)	2.5	R	$\sqrt{3}$	0.23	0.26	0.33	0.38	∞
Combined Standard Uncertainty		RSS				10.47	10.34	
Expanded Uncertainty (95% Confidence interval)		K				20.95	20.69	

9.2 System validation Uncertainty

Uncertainty Component	Tol (+- %)	Prob. Dist.	Div.	Ci (1g)	Ci (10g)	1g Ui (+-%)	10g Ui (+-%)	vi
Measurement System								
Probe calibration	5.8	N	1	1	1	5.8	5.8	∞
Axial Isotropy	3.5	R	$\sqrt{3}$	1	1	2.02	2.02	∞
Hemispherical Isotropy	5.9	R	$\sqrt{3}$	0	0	0.00	0.00	∞
Boundary effect	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Linearity	4.7	R	$\sqrt{3}$	1	1	0.71	0.71	∞
System detection limits	1	R	$\sqrt{3}$	1	1	0.58	0.58	∞
Modulation response	0	N	$\sqrt{3}$	0	0	0.00	0.00	∞
Readout Electronics	0.5	N	1	1	1	0.50	0.50	∞
Response Time	0	R	$\sqrt{3}$	0	0	0.00	0.00	∞
Integration Time	1.4	R	$\sqrt{3}$	0	0	0.00	0.00	∞
RF ambient conditions-Noise	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
RF ambient conditions-reflections	3	R	$\sqrt{3}$	1	1	1.73	1.73	∞
Probe positioner mechanical tolerance	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Probe positioning with respect to phantom shell	1.4	R	$\sqrt{3}$	1	1	0.81	0.81	∞
Extrapolation, Interpolation and Integration Algoritms for Max, SAR	2.3	R	$\sqrt{3}$	1	1	1.33	1.33	∞
Dipole								
Deviation of Experimental Source from Numerical Source	5	N	1	1	1	5.00	5.00	∞
Input Power and SAR Drift Measurement	0.5	R	$\sqrt{3}$	1	1	0.29	0.29	∞
Dipole Axis to Liquid Distance	2	R	$\sqrt{3}$	1	1	1.15	1.15	∞
Phantom and Tissue Parameters								
Phantom uncertainty (shape and thickness uncertainty)	4	R	$\sqrt{3}$	1	1	2.31	2.31	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	2	N	1	1	0.84	2.00	1.68	∞
Liquid Conductivity - Measurement Uncertainty)	4	N	1	0.78	0.71	3.12	2.84	5
Liquid Permittivity - Measurement Uncertainty	5	N	1	0.23	0.26	1.15	1.30	5
Liquid Conductivity (Temperature Uncertainty)	2.5	R	$\sqrt{3}$	0.78	0.71	1.13	1.02	∞
Liquid Permittivity (Temperature Uncertainty)	2.5	R	$\sqrt{3}$	0.23	0.26	0.33	0.38	∞
Combined Standard Uncertainty		RSS				10.16	10.03	
Expanded Uncertainty (95% Confidence interval)		K				20.32	20.06	

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)	31.90	32.20	32.17	28.33	28.44	28.37
GPRS (GMSK, 1-Slot)	31.70	32.08	32.09	28.33	28.46	28.38
GPRS (GMSK, 2-Slot)	31.00	31.39	31.38	27.66	27.80	27.71
GPRS (GMSK, 3-Slot)	29.00	29.39	29.41	25.48	25.63	25.57
GPRS (GMSK, 4-Slot)	27.93	28.37	28.34	24.10	24.28	24.24
Remark: GPRS, CS4 coding scheme. Multi-Slot Class 8, Support Max 4 downlink, 1 uplink, 5 working link Multi-Slot Class 10, Support Max 4 downlink, 2 uplink, 5 working link 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)	22.87	23.17	23.14	19.30	19.41	19.34
GPRS (GMSK, 1-Slot)	22.67	23.05	23.06	19.30	19.43	19.35
GPRS (GMSK, 2-Slot)	24.98	25.37	25.36	21.64	21.78	21.69
GPRS (GMSK, 3-Slot)	24.74	25.13	25.15	21.22	21.37	21.31
GPRS (GMSK, 4-Slot)	24.92	25.36	25.33	21.09	21.27	21.23
Remark: 1. SAR testing was performed on the maximum frame-averaged power mode. 2. The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum Burst - averaged power based on time slots. The calculated method is shown as below: Frame-averaged power = Burst averaged power (1 TX Slot) – 9.03 dB Frame-averaged power = Burst averaged power (2 TX Slots) – 6.02 dB Frame-averaged power = Burst averaged power (3 TX Slots) - 4.26 dB 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	18.55	18.77	18.48	21.46	21.08	21.22	23.68	23.97	24.25
HSDPA Subtest-1	17.62	17.89	17.58	20.5	20.14	20.26	22.72	23	23.27
HSDPA Subtest-2	17.14	17.26	16.96	20.01	19.7	19.82	22.23	22.44	22.9
HSDPA Subtest-3	15.61	16.23	15.7	19.26	18.29	18.65	21.31	21.71	21.9
HSDPA Subtest-4	15.92	16.36	15.95	19.08	18.87	18.98	21.28	21.72	21.93
HSUPA Subtest-1	16.3	17.65	17.4	19.82	20	20.08	21.98	22.81	23.08
HSUPA Subtest-2	17.42	17.72	17.39	20.32	19.9	20.17	22.67	22.95	23.2
HSUPA Subtest-3	15.74	16.49	16.34	18.73	18.74	19.02	20.97	21.83	21.94
HSUPA Subtest-4	17.58	17.73	17.59	20.49	20.12	20.25	22.72	23	23.28
HSUPA Subtest-5	15.94	17	16.81	18.92	19.63	19.57	21.4	22.07	22.49

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≤ CM≤3.5	MAX(CM-1,0)
Note: CM=1 for βc/βd=12/15, βhs/ βc=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.

2.4G WLAN

2.4GWIFI					
Mode	Channel Number	Frequency (MHz)	ANT 1 Power (dBm)	ANT 2 Power (dBm)	MIMO Power (dBm)
802.11b	1	2412	15.22	13.72	N/A
	7	2437	15.46	13.58	N/A
	11	2462	15.64	13.4	N/A
802.11g	1	2412	14.25	12.56	N/A
	7	2437	14.84	12.66	N/A
	11	2462	14.4	12.03	N/A
802.11n-HT20	1	2412	14.28	12.44	13.91
	7	2437	14.78	12.64	13.93
	11	2462	14.24	12.02	12.94
802.11n-HT40	3	2422	13.86	12.4	14.47
	6	2437	14.3	12.41	13.52
	9	2452	14.65	12.24	14.47
802.11ax-HE20	1	2412	14.7	13.34	14.16
	7	2437	15.08	13.62	14.31
	11	2462	14.76	12.89	13.35
802.11ax-HE40	3	2422	14.76	13.02	15.13
	6	2437	14.9	13.15	14.11
	9	2452	15.2	13.17	14.97

Bluetooth

BT				
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)	Output Power (mW)
GFSK(1Mbps)	0	2402	7.52	5.65
	39	2441	8.21	6.62
	78	2480	6.58	4.55
π/4-QPSK(2Mbps)	0	2402	6.82	4.81
	39	2441	7.66	5.83
	78	2480	6.06	4.04
8DPSK(3Mbps)	0	2402	7.19	5.24
	39	2441	7.94	6.22
	78	2480	6.5	4.47

BLE

BLE				
Mode	Channel Number	Frequency (MHz)	Average Power (dBm)	Output Power (mW)
GFSK(1Mbps)	0	2402	6.76	4.74
	19	2440	7.73	5.93
	39	2480	6.1	4.07
GFSK(2Mbps)	0	2402	7.08	5.11
	19	2440	7.61	5.77
	39	2480	6.52	4.49

WLAN (5.2Gband)

5.2G WLAN					
Mode	Channel Number	Frequency (MHz)	ANT 1 Power (dBm)	ANT 2 Power (dBm)	MIMO Power (dBm)
802.11a20	36	5180	14.88	13.5	N/A
	40	5200	15.21	14.23	N/A
	48	5240	16.3	14.37	N/A
802.11n-HT20	36	5180	11.56	10.61	12.06
	40	5200	11.91	10.79	12.99
	48	5240	12.38	10.87	15.76
802.11n-HT40	38	5190	12.04	11.05	12.62
	46	5230	12.42	10.95	15.22
802.11ac-VHT20	36	5180	11.63	10.7	11.77
	40	5200	11.91	11.06	12.91
	48	5240	12.58	11.19	15.51
802.11ac-VHT40	38	5190	11.75	11.19	12.63
	46	5230	12.02	11.17	14.42
802.11ac-VHT80	42	5210	11.41	10.45	13.23
802.11ax-HE20	36	5180	10.87	10.79	11.71
	40	5200	11.26	11.05	12.88
	48	5240	11.87	11.21	15.62
802.11ax-HE40	38	5190	12.27	11.14	12.6
	46	5230	12.71	11.35	15.07
802.11ax-HE80	42	5210	12	10.62	13.53

WLAN (5.3G band)

5.3G WLAN					
Mode	Channel Number	Frequency (MHz)	ANT 1 Power (dBm)	ANT 2 Power (dBm)	MIMO Power (dBm)
802.11a20	52	5260	15.78	14.85	N/A
	60	5300	15.67	14.75	N/A
	64	5320	16.07	14.83	N/A
802.11n-HT20	52	5260	12.84	11.52	13.17
	60	5300	12.18	11.29	10.94
	64	5320	12.3	11.34	10.79
802.11n-HT40	54	5270	12.85	11.46	12.75
	62	5310	12.71	11.66	10.39
802.11ac-VHT20	52	5260	12.88	11.78	13.32
	60	5300	12.42	11.54	9.82
	64	5320	12.5	11.77	10.86
802.11ac-VHT40	54	5270	12.25	11.32	12.76
	62	5310	12.29	11.79	10.62
802.11ac-VHT80	58	5290	11.87	11.34	11.14
802.11ax-HE20	52	5260	12.19	11.79	13.52
	60	5300	12.25	10.37	9.89
	64	5320	12.54	11.58	10.86
802.11ax-HE40	54	5270	12.92	11.81	12.92
	62	5310	12.87	11.93	10.75
802.11ax-HE80	54	5290	12.61	11.62	11.51

WLAN (5.6G band)

5.6G WLAN					
Mode	Channel Number	Frequency (MHz)	ANT 1 Power (dBm)	ANT 2 Power (dBm)	MIMO Power (dBm)
802.11a20	100	5500	16.42	14.47	N/A
	116	5580	16.61	14.59	N/A
	140	5700	16.16	13.99	N/A
802.11n-HT20	100	5500	13.03	11.22	12.25
	116	5580	13.24	11.21	13.8
	140	5700	12.96	10.68	14.11
802.11n-HT40	102	5510	13.33	11.52	11.47
	110	5550	13.52	11.28	10.98
	134	5670	13.2	10.96	11.79
802.11ac-VHT20	100	5500	13.1	11.37	12.43
	116	5580	13.34	11.37	13.57
	140	5700	12.89	10.82	14.13
802.11ac-VHT40	102	5510	13.15	11.64	11.48
	110	5550	13.16	11.39	11.99
	134	5670	12.84	11.13	12.09
802.11ac-VHT80	106	5530	12.67	11	10.74
	122	5610	12.72	10.67	12.4
802.11ax-HE20	100	5500	13.01	11.21	12.58
	116	5580	13.39	11.34	13.74
	140	5700	12.92	10.94	14.06
802.11ax-HE40	102	5510	13.7	11.61	11.8
	110	5550	13.59	11.5	11.37
	134	5670	13.48	11.12	12.06
802.11ax-HE80	106	5530	13.24	11.14	11.12
	122	5610	13.16	10.81	12.79

WLAN (5.8G band)

5.8G WLAN					
Mode	Channel Number	Frequency (MHz)	ANT 1 Power (dBm)	ANT 2 Power (dBm)	MIMO Power (dBm)
802.11a20	149	5745	15.78	14.15	N/A
	157	5785	15.72	14.12	N/A
	165	5825	15.56	14.04	N/A
802.11n-HT20	149	5745	13	10.69	11.5
	157	5785	13.16	10.72	11.97
	165	5825	12.7	10.66	13.53
802.11n-HT40	151	5755	13.26	10.62	10.43
	159	5795	12.98	10.79	12.53
802.11ac-VHT20	149	5745	13.44	10.74	11.36
	157	5785	12.94	10.79	11.52
	165	5825	12.58	10.95	13.32
802.11ac-VHT40	151	5755	12.81	10.76	10.77
	159	5795	12.6	10.9	12.4
802.11ac-VHT80	155	5775	12.85	10.56	11.79
802.11ax-HE20	149	5745	12.98	10.86	11.44
	157	5785	12.79	10.99	11.57
	165	5825	12.47	10.92	13.47
802.11ax-HE40	151	5755	13.51	10.88	10.8
	159	5795	13.45	11.01	12.65
802.11ax-HE80	155	5775	13.33	10.76	11.97

NFC		
Mode	Field strength(dBuV/m)	ERP(dBm)
NFC	56.62	-38.58

Note. The power of this EUT NFC is -38.58dBm (0.00014mw), this power is less than the defined low power exclusion level (Pmax: 39 mW), so NFC is exemption.

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 ⩽ 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 ½ dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ⩽ 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 ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ⩽ 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	18.29	18.44	18.25
1.4	1	2		18.29	18.44	18.30
1.4	1	5		18.28	18.42	18.30
1.4	3	0		18.13	18.40	18.21
1.4	3	1		18.13	18.40	18.22
1.4	3	2		18.14	18.39	18.23
1.4	6	0		17.10	17.36	17.16
1.4	1	0	16-QAM	17.36	17.63	17.11
1.4	1	2		17.32	17.59	17.18
1.4	1	5		17.37	17.62	17.19
1.4	3	0		17.31	17.61	17.36
1.4	3	1		17.32	17.64	17.38
1.4	3	2		17.31	17.61	17.40
1.4	6	0		16.25	16.53	16.33
3	1	0	QPSK	18.17	18.46	18.19
3	1	7		18.15	18.43	18.19
3	1	14		18.16	18.44	18.25
3	8	0		17.13	17.43	17.21
3	8	4		17.13	17.42	17.20
3	8	7		17.13	17.41	17.23
3	15	0		17.13	17.40	17.21
3	1	0	16-QAM	17.36	17.38	17.61
3	1	7		17.34	17.34	17.60
3	1	14		17.32	17.29	17.68
3	8	0		16.16	16.41	16.21
3	8	4		16.15	16.39	16.23
3	8	7		16.16	16.38	16.24
3	15	0		16.07	16.45	16.23

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	18.22	18.51	18.18
5	1	12		18.19	18.48	18.25
5	1	24		18.19	18.43	18.36
5	12	0		17.16	17.45	17.16
5	12	6		17.15	17.43	17.20
5	12	11		17.16	17.40	17.24
5	25	0		17.21	17.47	17.27
5	1	0	16-QAM	17.57	18.06	17.48
5	1	12		17.55	18.05	17.56
5	1	24		17.55	17.99	17.65
5	12	0		16.19	16.48	16.13
5	12	6		16.20	16.46	16.17
5	12	11		16.21	16.43	16.22
5	25	0		16.14	16.38	16.25
10	1	0	QPSK	18.28	18.54	18.22
10	1	24		18.25	18.46	18.22
10	1	49		18.36	18.37	18.38
10	25	0		17.18	17.48	17.17
10	25	12		17.21	17.45	17.21
10	25	24		17.25	17.44	17.32
10	50	0		17.22	17.45	17.25
10	1	0	16-QAM	17.13	17.96	17.36
10	1	24		17.08	17.88	17.34
10	1	49		17.22	17.80	17.52
10	25	0		16.16	16.50	16.13
10	25	12		16.21	16.46	16.18
10	25	24		16.22	16.43	16.30
10	50	0		16.16	16.41	16.26

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	18.21	18.59	18.17
15	1	37		18.25	18.54	18.24
15	1	74		18.40	18.34	18.41
15	36	0		17.14	17.50	17.16
15	36	18		17.23	17.47	17.23
15	36	39		17.30	17.38	17.33
15	75	0		17.25	17.46	17.28
15	1	0	16-QAM	17.65	17.74	17.27
15	1	38		17.71	17.69	17.34
15	1	75		17.83	17.50	17.51
15	36	0		16.19	16.57	16.14
15	36	18		16.27	16.55	16.20
15	36	39		16.32	16.48	16.32
15	75	0		16.24	16.47	16.30
20	1	0	QPSK	18.28	18.59	18.14
20	1	49		18.37	18.54	18.21
20	1	99		18.67	18.36	18.42
20	50	0		17.26	17.54	17.22
20	50	24		17.33	17.53	17.25
20	50	49		17.40	17.45	17.41
20	100	0		17.29	17.48	17.33
20	1	0	16-QAM	17.53	17.82	17.47
20	1	49		17.59	17.78	17.55
20	1	99		17.90	17.56	17.75
20	50	0		16.22	16.56	16.26
20	50	24		16.33	16.57	16.29
20	50	49		16.39	16.45	16.48
20	100	0		16.26	16.48	16.32

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	20.04	19.72	19.75
1.4	1	2		20.02	19.74	19.77
1.4	1	5		20.05	19.71	19.76
1.4	3	0		19.96	19.54	19.78
1.4	3	1		19.93	19.51	19.77
1.4	3	2		19.98	19.56	19.76
1.4	6	0		18.94	18.55	18.74
1.4	1	0	16-QAM	18.89	18.82	18.96
1.4	1	2		18.89	18.83	18.99
1.4	1	5		18.96	18.81	18.98
1.4	3	0		19.13	18.71	18.99
1.4	3	1		19.10	18.71	18.99
1.4	3	2		19.16	18.73	18.98
1.4	6	0		18.44	18.01	18.22
3	1	0	QPSK	19.93	19.52	19.79
3	1	7		20.02	19.63	19.83
3	1	14		19.98	19.60	19.83
3	8	0		18.99	18.57	18.77
3	8	4		18.95	18.58	18.77
3	8	7		19.01	18.58	18.78
3	15	0		18.99	18.57	18.77
3	1	0	16-QAM	19.41	18.77	18.70
3	1	7		19.47	18.83	18.75
3	1	14		19.49	18.81	18.67
3	8	0		18.28	17.85	18.02
3	8	4		18.27	17.87	18.03
3	8	7		18.27	17.86	18.03
3	15	0		18.28	17.78	18.09

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	20.06	19.63	19.83
5	1	12		20.19	19.71	19.90
5	1	24		20.11	19.67	19.82
5	12	0		19.08	18.62	18.81
5	12	6		19.06	18.57	18.82
5	12	11		19.08	18.61	18.85
5	25	0		19.12	18.66	18.88
5	1	0	16-QAM	19.60	18.99	19.20
5	1	12		19.71	19.05	19.24
5	1	24		19.71	19.05	19.20
5	12	0		18.34	17.85	18.14
5	12	6		18.30	17.82	18.13
5	12	11		18.31	17.85	18.16
5	25	0		18.27	17.92	18.10
10	1	0	QPSK	20.10	19.64	19.77
10	1	24		20.19	19.68	19.87
10	1	49		20.05	19.63	19.88
10	25	0		19.06	18.63	18.80
10	25	12		19.05	18.60	18.83
10	25	24		19.05	18.62	18.86
10	50	0		19.07	18.61	18.82
10	1	0	16-QAM	19.02	19.09	18.91
10	1	24		18.97	19.12	19.06
10	1	49		18.91	19.14	19.02
10	25	0		18.26	17.89	17.96
10	25	12		18.27	17.87	18.01
10	25	24		18.25	17.89	18.08
10	50	0		18.23	17.83	18.04

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	20.08	19.80	19.74
15	1	37		20.09	19.77	19.91
15	1	74		19.86	19.76	19.90
15	36	0		19.10	18.68	18.77
15	36	18		19.02	18.62	18.81
15	36	39		18.96	18.66	18.86
15	75	0		19.03	18.67	18.83
15	1	0	16-QAM	19.54	18.98	18.78
15	1	38		19.56	19.00	18.95
15	1	75		19.40	18.98	18.99
15	36	0		18.33	17.94	17.94
15	36	18		18.31	17.94	18.00
15	36	39		18.20	17.95	18.05
15	75	0		18.25	17.89	18.04
20	1	0	QPSK	20.22	19.95	19.66
20	1	49		20.12	19.82	19.84
20	1	99		19.88	19.92	19.96
20	50	0		19.09	18.67	18.75
20	50	24		19.01	18.68	18.86
20	50	49		18.94	18.69	18.94
20	100	0		19.01	18.67	18.84
20	1	0	16-QAM	19.36	19.16	19.08
20	1	49		19.30	19.03	19.17
20	1	99		19.13	19.13	19.25
20	50	0		18.26	17.92	18.00
20	50	24		18.19	17.92	18.09
20	50	49		18.10	17.95	18.18
20	100	0		18.19	17.89	18.03

LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	24.25	24.21	24.11
1.4	1	2		24.28	24.21	24.11
1.4	1	5		24.29	24.18	24.12
1.4	3	0		24.24	24.13	24.11
1.4	3	1		24.23	24.14	24.15
1.4	3	2		24.26	24.15	24.13
1.4	6	0		23.21	23.17	23.15
1.4	1	0	16-QAM	23.18	23.37	23.36
1.4	1	2		23.13	23.33	23.28
1.4	1	5		23.20	23.38	23.39
1.4	3	0		23.37	23.34	23.33
1.4	3	1		23.36	23.34	23.39
1.4	3	2		23.41	23.30	23.36
1.4	6	0		22.41	22.34	22.33
3	1	0	QPSK	24.26	24.18	24.04
3	1	7		24.30	24.18	24.09
3	1	14		24.29	24.16	24.09
3	8	0		23.26	23.12	23.09
3	8	4		23.21	23.10	23.11
3	8	7		23.22	23.10	23.14
3	15	0		23.23	23.12	23.15
3	1	0	16-QAM	23.20	23.58	23.30
3	1	7		23.22	23.61	23.35
3	1	14		23.16	23.54	23.37
3	8	0		22.29	22.18	22.11
3	8	4		22.23	22.16	22.13
3	8	7		22.24	22.13	22.16
3	15	0		22.30	22.16	22.08

LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	24.26	24.32	24.17
5	1	12		24.26	24.33	24.17
5	1	24		24.27	24.30	24.28
5	12	0		23.33	23.19	23.10
5	12	6		23.29	23.19	23.10
5	12	11		23.25	23.16	23.17
5	25	0		23.34	23.20	23.18
5	1	0	16-QAM	23.60	23.75	23.57
5	1	12		23.65	23.70	23.53
5	1	24		23.64	23.69	23.56
5	12	0		22.35	22.21	22.08
5	12	6		22.32	22.19	22.09
5	12	11		22.31	22.17	22.17
5	25	0		22.32	22.17	22.18
10	1	0	QPSK	24.32	24.30	24.26
10	1	24		24.24	24.16	24.17
10	1	49		24.31	24.21	24.34
10	25	0		23.29	23.17	23.19
10	25	12		23.25	23.20	23.14
10	25	24		23.32	23.12	23.20
10	50	0		23.32	23.20	23.19
10	1	0	16-QAM	23.74	23.51	23.16
10	1	24		23.69	23.37	23.04
10	1	49		23.78	23.40	23.23
10	25	0		22.32	22.16	22.18
10	25	12		22.28	22.18	22.14
10	25	24		22.37	22.09	22.18
10	50	0		22.31	22.17	22.15

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	19.41	19.13	18.85
5	1	12		19.45	19.15	18.87
5	1	24		19.41	19.14	18.92
5	12	0		18.41	18.13	17.89
5	12	6		18.37	18.06	17.88
5	12	11		18.36	18.07	17.90
5	25	0		18.44	18.12	17.93
5	1	0	16-QAM	18.98	18.50	18.21
5	1	12		18.99	18.51	18.23
5	1	24		18.96	18.48	18.29
5	12	0		17.42	17.11	16.93
5	12	6		17.39	17.06	16.94
5	12	11		17.38	17.06	16.95
5	25	0		17.35	17.10	16.84
10	1	0	QPSK	19.43	19.20	18.94
10	1	24		19.32	19.10	18.93
10	1	49		19.45	19.13	18.99
10	25	0		18.39	18.14	17.89
10	25	12		18.37	18.12	17.88
10	25	24		18.40	18.09	17.92
10	50	0		18.45	18.14	17.91
10	1	0	16-QAM	18.85	18.39	17.84
10	1	24		18.78	18.31	17.79
10	1	49		18.91	18.31	17.87
10	25	0		17.43	17.12	16.88
10	25	12		17.40	17.12	16.87
10	25	24		17.42	17.08	16.89
10	50	0		17.39	17.11	16.84

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	19.40	19.18	18.91
15	1	37		19.37	19.15	18.94
15	1	74		19.46	19.12	19.00
15	36	0		18.33	18.12	17.83
15	36	18		18.32	18.11	17.84
15	36	39		18.38	18.05	17.89
15	75	0		18.39	18.09	17.90
15	1	0	16-QAM	18.86	18.37	18.00
15	1	38		18.86	18.34	18.05
15	1	75		18.90	18.33	18.10
15	36	0		17.39	17.19	16.81
15	36	18		17.38	17.15	16.80
15	36	39		17.45	17.12	16.86
15	75	0		17.39	17.08	16.92
20	1	0	QPSK	19.50	19.18	18.85
20	1	49		19.51	19.15	18.88
20	1	99		19.62	19.14	18.98
20	50	0		18.44	18.16	17.93
20	50	24		18.39	18.16	17.90
20	50	49		18.47	18.09	17.96
20	100	0		18.44	18.13	17.92
20	1	0	16-QAM	18.71	18.50	18.27
20	1	49		18.73	18.46	18.26
20	1	99		18.84	18.46	18.39
20	50	0		17.40	17.20	16.95
20	50	24		17.37	17.19	16.95
20	50	49		17.46	17.11	17.00
20	100	0		17.39	17.11	16.88

LTE Band 12 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.94	23.93	24.08
1.4	1	2		23.95	24.00	24.07
1.4	1	5		23.95	23.96	24.07
1.4	3	0		23.84	23.93	24.04
1.4	3	1		23.86	23.94	24.06
1.4	3	2		23.90	23.97	24.05
1.4	6	0		22.88	22.97	23.04
1.4	1	0	16-QAM	23.11	23.18	23.03
1.4	1	2		23.09	23.18	23.00
1.4	1	5		23.09	23.24	23.00
1.4	3	0		23.08	23.16	23.18
1.4	3	1		23.06	23.18	23.21
1.4	3	2		23.05	23.22	23.23
1.4	6	0		22.07	22.15	22.24
3	1	0	QPSK	23.90	23.92	23.95
3	1	7		23.95	23.92	23.97
3	1	14		24.02	23.99	23.99
3	8	0		22.89	22.91	23.04
3	8	4		22.89	22.97	23.02
3	8	7		22.91	22.99	23.03
3	15	0		22.90	22.95	23.01
3	1	0	16-QAM	22.83	23.39	23.25
3	1	7		22.85	23.39	23.23
3	1	14		22.87	23.50	23.24
3	8	0		21.87	21.95	22.08
3	8	4		21.87	21.94	22.05
3	8	7		21.89	22.02	22.05
3	15	0		21.96	22.00	21.98

LTE Band 12 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	24.00	24.00	24.04
5	1	12		24.11	24.02	24.06
5	1	24		24.11	24.12	24.10
5	12	0		22.94	22.97	23.09
5	12	6		22.97	23.01	23.08
5	12	11		22.97	23.04	23.11
5	25	0		22.97	23.07	23.12
5	1	0	16-QAM	23.45	23.40	23.38
5	1	12		23.54	23.49	23.36
5	1	24		23.52	23.52	23.41
5	12	0		21.96	21.94	22.12
5	12	6		21.97	21.96	22.12
5	12	11		21.96	21.99	22.11
5	25	0		21.92	22.05	22.08
10	1	0	QPSK	23.96	24.01	24.12
10	1	24		23.95	24.01	24.13
10	1	49		24.13	24.16	24.27
10	25	0		22.99	23.02	23.05
10	25	12		23.00	23.01	23.06
10	25	24		23.05	23.14	23.07
10	50	0		23.05	23.06	23.08
10	1	0	16-QAM	23.42	23.25	22.99
10	1	24		23.41	23.21	23.00
10	1	49		23.58	23.40	23.16
10	25	0		21.98	21.97	22.03
10	25	12		21.97	21.98	22.03
10	25	24		22.05	22.10	22.07
10	50	0		22.01	22.08	22.05

LTE Band 13 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.71	23.66	23.82
5	1	12		23.74	23.70	23.86
5	1	24		23.81	23.72	23.94
5	12	0		22.69	22.64	22.72
5	12	6		22.68	22.64	22.73
5	12	11		22.73	22.72	22.72
5	25	0		22.77	22.76	22.76
5	1	0	16-QAM	23.11	23.03	23.27
5	1	12		23.16	23.10	23.31
5	1	24		23.21	23.08	23.33
5	12	0		21.68	21.71	21.75
5	12	6		21.67	21.72	21.73
5	12	11		21.74	21.80	21.71
5	25	0		21.80	21.69	21.74
10	1	0	QPSK	/	23.81	/
10	1	24		/	23.78	/
10	1	49		/	23.96	/
10	25	0		/	22.65	/
10	25	12		/	22.70	/
10	25	24		/	22.74	/
10	50	0		/	22.72	/
10	1	0	16-QAM	/	22.91	/
10	1	24		/	22.93	/
10	1	49		/	23.08	/
10	25	0		/	21.65	/
10	25	12		/	21.68	/
10	25	24		/	21.72	/
10	50	0		/	21.71	/

LTE Band 17 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.99	24.09	24.01
5	1	12		24.18	24.11	24.14
5	1	24		24.15	24.14	24.16
5	12	0		22.99	23.02	23.08
5	12	6		23.01	23.05	23.12
5	12	11		23.08	23.03	23.10
5	25	0		23.07	23.12	23.13
5	1	0	16-QAM	23.50	23.53	23.36
5	1	12		23.66	23.65	23.41
5	1	24		23.56	23.63	23.44
5	12	0		22.01	22.00	22.11
5	12	6		22.02	22.05	22.13
5	12	11		22.08	22.03	22.10
5	25	0		22.00	22.09	22.10
10	1	0	QPSK	23.98	23.99	24.19
10	1	24		23.98	24.10	24.12
10	1	49		24.24	24.22	24.31
10	25	0		23.00	23.04	23.05
10	25	12		23.06	23.09	23.08
10	25	24		23.13	23.11	23.09
10	50	0		23.05	23.09	23.08
10	1	0	16-QAM	23.44	23.19	23.06
10	1	24		23.45	23.32	22.97
10	1	49		23.66	23.40	23.20
10	25	0		22.01	22.01	22.03
10	25	12		22.06	22.07	22.04
10	25	24		22.12	22.09	22.07
10	50	0		22.04	22.10	22.04

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	18.36	18.46	18.43
1.4	1	2		18.37	18.45	18.44
1.4	1	5		18.35	18.43	18.42
1.4	3	0		18.20	18.41	18.35
1.4	3	1		18.21	18.41	18.34
1.4	3	2		18.22	18.39	18.35
1.4	6	0		17.19	17.37	17.31
1.4	1	0	16-QAM	17.47	17.64	17.29
1.4	1	2		17.42	17.60	17.28
1.4	1	5		17.42	17.64	17.32
1.4	3	0		17.40	17.62	17.49
1.4	3	1		17.39	17.63	17.50
1.4	3	2		17.36	17.64	17.52
1.4	6	0		16.37	16.53	16.48
3	1	0	QPSK	18.21	18.46	18.38
3	1	7		18.21	18.44	18.41
3	1	14		18.17	18.39	18.45
3	8	0		17.22	17.43	17.36
3	8	4		17.20	17.41	17.32
3	8	7		17.21	17.42	17.32
3	15	0		17.18	17.39	17.36
3	1	0	16-QAM	17.65	17.65	17.26
3	1	7		17.61	17.62	17.25
3	1	14		17.61	17.57	17.29
3	8	0		16.23	16.43	16.41
3	8	4		16.22	16.42	16.34
3	8	7		16.23	16.43	16.33
3	15	0		16.20	16.35	16.40

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	18.28	18.51	18.38
5	1	12		18.26	18.43	18.40
5	1	24		18.29	18.39	18.44
5	12	0		17.22	17.45	17.41
5	12	6		17.22	17.42	17.35
5	12	11		17.22	17.39	17.30
5	25	0		17.24	17.44	17.39
5	1	0	16-QAM	17.60	17.83	17.89
5	1	12		17.60	17.83	17.94
5	1	24		17.57	17.76	17.98
5	12	0		16.23	16.49	16.43
5	12	6		16.21	16.47	16.34
5	12	11		16.23	16.44	16.30
5	25	0		16.27	16.39	16.34
10	1	0	QPSK	18.25	18.57	18.35
10	1	24		18.21	18.45	18.39
10	1	49		18.29	18.36	18.46
10	25	0		17.20	17.47	17.27
10	25	12		17.22	17.42	17.32
10	25	24		17.24	17.40	17.17
10	50	0		17.20	17.41	17.24
10	1	0	16-QAM	17.66	17.70	17.23
10	1	24		17.64	17.61	17.25
10	1	49		17.73	17.51	17.31
10	25	0		16.22	16.43	16.25
10	25	12		16.23	16.40	16.29
10	25	24		16.25	16.36	16.18
10	50	0		16.18	16.42	16.19

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	18.28	18.61	18.21
15	1	37		18.29	18.48	18.35
15	1	74		18.46	18.32	18.41
15	36	0		17.19	17.50	17.21
15	36	18		17.22	17.44	17.31
15	36	39		17.29	17.34	17.30
15	75	0		17.23	17.43	17.29
15	1	0	16-QAM	17.43	17.71	17.66
15	1	38		17.44	17.60	17.79
15	1	75		17.61	17.42	17.84
15	36	0		16.27	16.48	16.28
15	36	18		16.30	16.40	16.34
15	36	39		16.35	16.33	16.32
15	75	0		16.24	16.45	16.24
20	1	0	QPSK	18.25	18.59	18.23
20	1	49		18.32	18.45	18.42
20	1	99		18.62	18.27	18.54
20	50	0		17.21	17.52	17.24
20	50	24		17.32	17.48	17.37
20	50	49		17.42	17.37	17.32
20	100	0		17.29	17.43	17.26
20	1	0	16-QAM	17.51	17.90	17.47
20	1	49		17.56	17.78	17.65
20	1	99		17.84	17.60	17.78
20	50	0		16.25	16.55	16.20
20	50	24		16.36	16.50	16.33
20	50	49		16.44	16.38	16.30
20	100	0		16.28	16.41	16.25

LTE Band 26 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.97	23.81	23.84
1.4	1	2		23.98	23.82	23.82
1.4	1	5		23.96	23.80	23.84
1.4	3	0		23.92	23.82	23.77
1.4	3	1		23.89	23.83	23.78
1.4	3	2		23.93	23.81	23.77
1.4	6	0		22.91	22.83	22.80
1.4	1	0	16-QAM	23.13	23.07	22.69
1.4	1	2		23.09	23.02	22.69
1.4	1	5		23.16	23.07	22.76
1.4	3	0		23.12	23.06	22.92
1.4	3	1		23.09	23.08	22.91
1.4	3	2		23.09	23.04	22.90
1.4	6	0		22.11	22.01	21.94
3	1	0	QPSK	23.93	23.83	23.74
3	1	7		23.94	23.79	23.73
3	1	14		23.94	23.76	23.73
3	8	0		22.90	22.84	22.79
3	8	4		22.88	22.81	22.74
3	8	7		22.89	22.79	22.77
3	15	0		22.91	22.82	22.80
3	1	0	16-QAM	22.86	23.29	22.98
3	1	7		22.83	23.25	22.97
3	1	14		22.81	23.24	22.99
3	8	0		21.88	21.89	21.77
3	8	4		21.89	21.84	21.76
3	8	7		21.88	21.81	21.78
3	15	0		21.97	21.84	21.73

LTE Band 26 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.95	24.02	23.87
5	1	12		23.91	23.94	23.82
5	1	24		23.84	23.93	23.87
5	12	0		22.92	22.93	22.84
5	12	6		22.93	22.86	22.82
5	12	11		22.88	22.84	22.82
5	25	0		22.98	22.94	22.88
5	1	0	16-QAM	23.29	23.48	23.26
5	1	12		23.31	23.39	23.23
5	1	24		23.21	23.39	23.25
5	12	0		22.01	21.95	21.83
5	12	6		22.03	21.87	21.80
5	12	11		21.97	21.86	21.79
5	25	0		21.93	21.89	21.88
10	1	0	QPSK	/	24.06	/
10	1	24		/	23.90	/
10	1	49		/	23.96	/
10	25	0		/	22.96	/
10	25	12		/	22.90	/
10	25	24		/	22.89	/
10	50	0		/	22.95	/
10	1	0	16-QAM	/	23.46	/
10	1	24		/	23.28	/
10	1	49		/	23.36	/
10	25	0		/	21.97	/
10	25	12		/	21.91	/
10	25	24		/	21.91	/
10	50	0		/	21.92	/

LTE Band 26 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.83	24.06	24.32
1.4	1	2		23.86	24.10	24.33
1.4	1	5		23.85	24.11	24.29
1.4	3	0		23.72	24.08	24.33
1.4	3	1		23.74	24.05	24.26
1.4	3	2		23.74	24.06	24.24
1.4	6	0		22.76	23.06	23.29
1.4	1	0	16-QAM	22.98	23.33	23.14
1.4	1	2		22.93	23.29	23.11
1.4	1	5		22.97	23.36	23.34
1.4	3	0		22.96	23.30	23.44
1.4	3	1		22.94	23.32	23.46
1.4	3	2		22.93	23.34	23.44
1.4	6	0		21.98	22.26	22.46
3	1	0	QPSK	23.79	24.05	24.27
3	1	7		23.77	24.10	24.23
3	1	14		23.80	24.14	24.24
3	8	0		22.76	23.02	23.30
3	8	4		22.72	23.04	23.31
3	8	7		22.74	23.06	23.33
3	15	0		22.73	23.07	23.31
3	1	0	16-QAM	22.69	23.53	23.51
3	1	7		22.69	23.50	23.51
3	1	14		22.64	23.54	23.49
3	8	0		21.77	22.06	22.33
3	8	4		21.73	22.08	22.32
3	8	7		21.74	22.09	22.34
3	15	0		21.80	22.10	22.29

LTE Band 26 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.83	24.08	24.30
5	1	12		23.83	24.13	24.37
5	1	24		23.93	24.26	24.37
5	12	0		22.75	23.05	23.34
5	12	6		22.77	23.10	23.36
5	12	11		22.82	23.12	23.32
5	25	0		22.84	23.14	23.39
5	1	0	16-QAM	23.35	23.54	23.60
5	1	12		23.36	23.69	23.67
5	1	24		23.44	23.78	23.61
5	12	0		21.78	22.04	22.39
5	12	6		21.78	22.08	22.42
5	12	11		21.81	22.13	22.39
5	25	0		21.78	22.14	22.37
10	1	0	QPSK	23.91	24.00	24.26
10	1	24		23.91	24.12	24.26
10	1	49		24.15	24.34	24.36
10	25	0		22.83	23.01	23.33
10	25	12		22.83	23.13	23.34
10	25	24		22.94	23.24	23.37
10	50	0		22.88	23.11	23.34
10	1	0	16-QAM	22.77	23.47	23.47
10	1	24		22.79	23.59	23.49
10	1	49		23.00	23.82	23.58
10	25	0		21.79	22.06	22.31
10	25	12		21.79	22.13	22.31
10	25	24		21.92	22.23	22.35
10	50	0		21.83	22.09	22.41

LTE Band 26 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.89	23.93	24.13
15	1	37		24.04	24.19	24.31
15	1	74		24.35	24.35	24.38
15	36	0		22.82	22.96	23.17
15	36	18		22.92	23.11	23.29
15	36	39		23.07	23.21	23.37
15	75	0		22.99	23.10	23.26
15	1	0	16-QAM	22.90	23.34	23.30
15	1	38		23.06	23.59	23.50
15	1	75		23.36	23.76	23.63
15	36	0		21.79	22.00	22.26
15	36	18		21.89	22.15	22.38
15	36	39		22.05	22.26	22.44
15	75	0		22.02	22.11	22.30

LTE Band 38 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	24.35	24.71	25.50
5	1	12		24.28	24.86	25.53
5	1	24		24.36	24.91	25.55
5	12	0		24.16	24.66	25.07
5	12	6		24.12	24.73	25.03
5	12	11		24.13	24.74	25.03
5	25	0		24.22	24.67	25.00
5	1	0	16-QAM	24.10	24.49	25.22
5	1	12		24.12	24.67	25.30
5	1	24		24.11	24.68	25.29
5	12	0		24.14	24.59	25.05
5	12	6		24.16	24.67	24.99
5	12	11		24.11	24.67	25.05
5	25	0		24.16	24.68	25.05
10	1	0	QPSK	24.38	24.59	25.17
10	1	24		24.32	24.83	25.23
10	1	49		24.45	24.92	25.30
10	25	0		24.25	24.55	24.92
10	25	12		24.23	24.67	24.93
10	25	24		24.26	24.74	24.99
10	50	0		24.23	24.66	24.95
10	1	0	16-QAM	24.14	24.52	24.86
10	1	24		24.07	24.78	24.89
10	1	49		24.21	24.92	24.99
10	25	0		24.20	24.57	24.88
10	25	12		24.18	24.69	24.92
10	25	24		24.19	24.79	24.98
10	50	0		24.20	24.66	24.92

LTE Band 38 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	24.69	24.55	25.17
15	1	37		24.70	24.85	25.13
15	1	74		24.77	24.87	25.22
15	36	0		24.19	24.60	24.90
15	36	18		24.17	24.70	24.88
15	36	39		24.19	24.77	24.95
15	75	0		24.13	24.64	24.98
15	1	0	16-QAM	24.22	24.47	25.11
15	1	38		24.19	24.73	25.12
15	1	75		24.24	24.79	25.24
15	36	0		24.12	24.52	24.88
15	36	18		24.10	24.63	24.88
15	36	39		24.12	24.70	24.92
15	75	0		24.12	24.61	24.91
20	1	0	QPSK	24.26	24.50	25.55
20	1	49		24.20	24.71	25.53
20	1	99		24.22	24.79	25.60
20	50	0		24.13	24.59	24.94
20	50	24		24.12	24.66	24.98
20	50	49		24.14	24.72	25.01
20	100	0		24.18	24.64	24.99
20	1	0	16-QAM	24.15	24.48	25.01
20	1	49		24.09	24.67	24.98
20	1	99		24.11	24.74	25.07
20	50	0		24.12	24.58	24.94
20	50	24		24.12	24.65	24.99
20	50	49		24.13	24.72	25.04
20	100	0		24.15	24.65	24.95

LTE Band 40 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	13.22	13.13	13.11
5	1	12		13.18	13.16	13.15
5	1	24		13.24	13.12	13.12
5	12	0		12.13	12.13	12.13
5	12	6		12.12	12.13	12.10
5	12	11		12.10	12.14	12.15
5	25	0		12.16	12.18	12.17
5	1	0	16-QAM	12.53	12.53	12.85
5	1	12		12.47	12.62	12.87
5	1	24		12.55	12.57	12.84
5	12	0		11.11	11.18	11.17
5	12	6		11.09	11.16	11.14
5	12	11		11.09	11.20	11.19
5	25	0		11.15	11.09	11.11
10	1	0	QPSK	/	13.34	/
10	1	24		/	13.32	/
10	1	49		/	13.35	/
10	25	0		/	12.14	/
10	25	12		/	12.10	/
10	25	24		/	12.17	/
10	50	0		/	12.19	/
10	1	0	16-QAM	/	12.67	/
10	1	24		/	12.61	/
10	1	49		/	12.70	/
10	25	0		/	11.17	/
10	25	12		/	11.15	/
10	25	24		/	11.20	/
10	50	0		/	11.15	/

LTE Band 40 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	13.42	13.38	13.32
5	1	12		13.45	13.36	13.33
5	1	24		13.45	13.37	13.34
5	12	0		12.31	12.33	12.28
5	12	6		12.30	12.33	12.27
5	12	11		12.31	12.33	12.29
5	25	0		12.37	12.37	12.35
5	1	0	16-QAM	12.74	12.77	13.05
5	1	12		12.74	12.82	13.07
5	1	24		12.75	12.80	13.07
5	12	0		11.29	11.37	11.34
5	12	6		11.29	11.35	11.33
5	12	11		11.30	11.38	11.33
5	25	0		11.37	11.29	11.27
10	1	0	QPSK	/	13.56	/
10	1	24		/	13.53	/
10	1	49		/	13.58	/
10	25	0		/	12.34	/
10	25	12		/	12.32	/
10	25	24		/	12.34	/
10	50	0		/	12.35	/
10	1	0	16-QAM	/	12.84	/
10	1	24		/	12.83	/
10	1	49		/	12.92	/
10	25	0		/	11.34	/
10	25	12		/	11.33	/
10	25	24		/	11.37	/
10	50	0		/	11.33	/

LTE Band 41 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest1	Lowest2	Middle	Highest 1	Highest 2
5	1	0	QPSK	24.90	24.41	24.70	24.21	25.26
5	1	12		24.90	24.42	24.77	24.29	25.23
5	1	24		24.91	24.41	24.90	24.41	25.23
5	12	0		24.76	24.28	24.55	24.07	24.74
5	12	6		24.73	24.25	24.64	24.15	24.79
5	12	11		24.73	24.24	24.62	24.13	24.73
5	25	0		24.82	24.34	24.58	24.10	24.70
5	1	0	16-QAM	24.69	24.20	24.46	23.99	25.00
5	1	12		24.70	24.22	24.54	24.05	25.02
5	1	24		24.68	24.19	24.63	24.15	24.99
5	12	0		24.74	24.26	24.53	24.06	24.76
5	12	6		24.75	24.27	24.61	24.13	24.69
5	12	11		24.69	24.20	24.57	24.08	24.75
5	25	0		24.74	24.25	24.61	24.13	24.77
10	1	0	QPSK	24.86	24.38	24.52	24.05	25.26
10	1	24		24.84	24.35	24.71	24.22	25.27
10	1	49		24.92	24.43	24.92	24.43	25.25
10	25	0		24.77	24.29	24.48	24.01	25.01
10	25	12		24.74	24.26	24.64	24.15	25.00
10	25	24		24.74	24.26	24.70	24.21	24.96
10	50	0		24.71	24.22	24.58	24.09	25.03
10	1	0	16-QAM	24.68	24.19	24.45	23.98	24.94
10	1	24		24.60	24.12	24.64	24.16	24.92
10	1	49		24.69	24.20	24.86	24.38	24.93
10	25	0		24.70	24.21	24.51	24.03	25.01
10	25	12		24.67	24.19	24.65	24.16	25.00
10	25	24		24.67	24.19	24.73	24.24	24.96
10	50	0		24.68	24.21	24.60	24.11	24.97

LTE Band 41 Maximum Average Power [dBm]								
BW [MHz]	RB Size	RB Offset	Mod	Lowest1	Lowest2	Middle	Highest 1	Highest 2
15	1	0	QPSK	25.22	24.73	24.51	24.04	25.19
15	1	37		25.19	24.70	24.70	24.21	25.13
15	1	74		25.21	24.71	24.87	24.38	25.10
15	36	0		24.72	24.25	24.52	24.03	24.94
15	36	18		24.69	24.20	24.63	24.15	24.90
15	36	39		24.67	24.19	24.72	24.24	24.89
15	75	0		24.68	24.20	24.56	24.09	24.95
15	1	0	16-QAM	24.80	24.31	24.37	23.89	25.18
15	1	38		24.67	24.19	24.60	24.11	25.08
15	1	75		24.67	24.19	24.75	24.27	25.05
15	36	0		24.63	24.15	24.45	23.96	24.90
15	36	18		24.62	24.13	24.56	24.07	24.88
15	36	39		24.61	24.12	24.64	24.16	24.84
15	75	0		24.64	24.16	24.55	24.07	24.87
20	1	0	QPSK	25.29	24.79	24.56	24.07	24.85
20	1	49		25.24	24.75	24.66	24.18	24.79
20	1	99		25.23	24.74	24.84	24.35	24.80
20	50	0		24.72	24.24	24.53	24.06	24.80
20	50	24		24.69	24.21	24.60	24.12	24.79
20	50	49		24.67	24.19	24.68	24.19	24.77
20	100	0		24.71	24.22	24.63	24.14	24.75
20	1	0	16-QAM	24.81	24.32	24.47	23.99	24.79
20	1	49		24.70	24.21	24.56	24.09	24.75
20	1	99		24.71	24.22	24.74	24.26	24.75
20	50	0		24.73	24.25	24.53	24.04	24.80
20	50	24		24.71	24.24	24.58	24.09	24.77
20	50	49		24.68	24.19	24.67	24.19	24.75
20	100	0		24.68	24.20	24.62	24.14	24.76

LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	19.19	17.97	18.09
1.4	1	2		19.17	17.99	18.11
1.4	1	5		19.19	17.99	18.15
1.4	3	0		19.01	17.92	18.02
1.4	3	1		18.98	17.94	18.02
1.4	3	2		19.05	17.93	18.08
1.4	6	0		18.24	16.93	17.05
1.4	1	0	16-QAM	18.48	17.19	16.96
1.4	1	2		18.45	17.15	16.96
1.4	1	5		18.48	17.22	17.03
1.4	3	0		18.03	17.16	17.19
1.4	3	1		18.02	17.19	17.23
1.4	3	2		17.40	17.17	17.24
1.4	6	0		16.72	16.06	16.22
3	1	0	QPSK	18.64	17.87	17.98
3	1	7		18.17	17.98	18.09
3	1	14		18.12	17.95	18.17
3	8	0		17.21	16.90	17.02
3	8	4		17.20	16.93	17.04
3	8	7		17.22	16.99	17.11
3	15	0		17.19	16.91	17.05
3	1	0	16-QAM	17.67	17.10	16.89
3	1	7		17.68	17.16	16.95
3	1	14		17.68	17.17	17.00
3	8	0		16.24	15.91	16.01
3	8	4		16.24	15.93	16.01
3	8	7		16.26	15.98	16.07
3	15	0		16.23	15.86	16.07

LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	18.25	17.89	17.85
5	1	12		18.31	17.99	18.00
5	1	24		18.18	18.02	18.17
5	12	0		17.26	16.92	16.94
5	12	6		17.25	16.96	16.98
5	12	11		17.22	17.00	17.07
5	25	0		18.31	18.03	18.06
5	1	0	16-QAM	17.68	17.53	17.22
5	1	12		17.61	17.67	17.35
5	1	24		17.59	17.68	17.50
5	12	0		16.30	15.95	15.92
5	12	6		16.29	15.98	15.98
5	12	11		16.25	16.01	16.06
5	25	0		17.25	16.96	17.07
10	1	0	QPSK	18.78	17.89	17.84
10	1	24		18.13	18.03	17.94
10	1	49		18.19	18.10	18.22
10	25	0		18.24	17.94	17.83
10	25	12		18.21	17.97	17.86
10	25	24		18.19	18.06	18.04
10	50	0		18.23	17.98	17.92
10	1	0	16-QAM	17.73	17.03	16.66
10	1	24		17.66	17.22	16.75
10	1	49		17.64	17.29	17.05
10	25	0		17.25	16.90	16.80
10	25	12		17.23	16.94	16.87
10	25	24		17.21	17.01	17.03
10	50	0		17.19	16.99	16.89

LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	19.19	18.04	17.76
15	1	37		18.73	18.05	17.84
15	1	74		18.45	18.07	18.11
15	36	0		18.24	17.90	17.82
15	36	18		18.19	17.97	17.84
15	36	39		18.13	18.05	17.96
15	75	0		18.21	18.00	17.91
15	1	0	16-QAM	17.63	17.01	17.23
15	1	38		17.42	17.14	17.26
15	1	75		17.31	17.35	17.57
15	36	0		17.32	16.86	16.88
15	36	18		17.25	16.95	16.88
15	36	39		17.18	17.00	16.99
15	75	0		17.19	17.00	16.91
20	1	0	QPSK	19.26	18.03	18.08
20	1	49		19.06	18.27	17.96
20	1	99		18.87	18.47	18.24
20	50	0		18.22	17.94	17.86
20	50	24		18.15	18.03	17.84
20	50	49		18.05	18.07	17.92
20	100	0		18.17	18.00	17.87
20	1	0	16-QAM	17.85	17.22	17.42
20	1	49		17.66	17.43	17.69
20	1	99		17.65	17.43	17.50
20	50	0		17.22	16.95	16.91
20	50	24		17.14	17.05	16.87
20	50	49		17.03	17.13	16.95
20	100	0		17.15	16.99	16.87

NR SA

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n2	15	5	370500	25@0	DFT_BPSK	22.28
n2	15	5	370500	12@6	DFT_BPSK	22.76
n2	15	5	370500	1@1	DFT_BPSK	22.67
n2	15	5	370500	1@23	DFT_BPSK	22.61
n2	15	5	370500	25@0	DFT_QPSK	21.79
n2	15	5	370500	12@6	DFT_QPSK	22.78
n2	15	5	370500	1@1	DFT_QPSK	22.58
n2	15	5	370500	1@23	DFT_QPSK	22.63
n2	15	5	370500	25@0	DFT_16QAM	20.75
n2	15	5	370500	12@6	DFT_16QAM	21.74
n2	15	5	370500	1@1	DFT_16QAM	21.81
n2	15	5	370500	1@23	DFT_16QAM	21.85
n2	15	5	370500	25@0	DFT_64QAM	20.33
n2	15	5	370500	12@6	DFT_64QAM	20.26
n2	15	5	370500	1@1	DFT_64QAM	20.37
n2	15	5	370500	1@23	DFT_64QAM	20.35
n2	15	5	370500	25@0	DFT_256QAM	18.22
n2	15	5	370500	12@6	DFT_256QAM	18.24
n2	15	5	370500	1@1	DFT_256QAM	18.13
n2	15	5	370500	1@23	DFT_256QAM	18.11
n2	15	5	370500	25@0	CP_QPSK	19.76
n2	15	5	370500	13@6	CP_QPSK	21.13
n2	15	5	370500	1@1	CP_QPSK	21.07
n2	15	5	370500	1@23	CP_QPSK	21.06
n2	15	5	376000	25@0	DFT_BPSK	22.25
n2	15	5	376000	12@6	DFT_BPSK	22.74
n2	15	5	376000	1@1	DFT_BPSK	22.52
n2	15	5	376000	1@23	DFT_BPSK	22.68
n2	15	5	376000	25@0	DFT_QPSK	21.75
n2	15	5	376000	12@6	DFT_QPSK	22.76
n2	15	5	376000	1@1	DFT_QPSK	22.47
n2	15	5	376000	1@23	DFT_QPSK	22.65
n2	15	5	376000	25@0	DFT_16QAM	20.71
n2	15	5	376000	12@6	DFT_16QAM	21.68
n2	15	5	376000	1@1	DFT_16QAM	21.68
n2	15	5	376000	1@23	DFT_16QAM	21.83
n2	15	5	376000	25@0	DFT_64QAM	20.3
n2	15	5	376000	12@6	DFT_64QAM	20.23
n2	15	5	376000	1@1	DFT_64QAM	20.22
n2	15	5	376000	1@23	DFT_64QAM	20.4
n2	15	5	376000	25@0	DFT_256QAM	18.14
n2	15	5	376000	12@6	DFT_256QAM	18.27
n2	15	5	376000	1@1	DFT_256QAM	18.02
n2	15	5	376000	1@23	DFT_256QAM	18.19
n2	15	5	376000	25@0	CP_QPSK	19.76
n2	15	5	376000	13@6	CP_QPSK	21.15
n2	15	5	376000	1@1	CP_QPSK	20.99
n2	15	5	376000	1@23	CP_QPSK	21.02
n2	15	5	381500	25@0	DFT_BPSK	22.33
n2	15	5	381500	12@6	DFT_BPSK	22.87
n2	15	5	381500	1@1	DFT_BPSK	22.67
n2	15	5	381500	1@23	DFT_BPSK	22.74
n2	15	5	381500	25@0	DFT_QPSK	21.82
n2	15	5	381500	12@6	DFT_QPSK	22.89

n2	15	5	381500	1@1	DFT_QPSK	22.6
n2	15	5	381500	1@23	DFT_QPSK	22.68
n2	15	5	381500	25@0	DFT_16QAM	20.78
n2	15	5	381500	12@6	DFT_16QAM	21.81
n2	15	5	381500	1@1	DFT_16QAM	21.87
n2	15	5	381500	1@23	DFT_16QAM	21.85
n2	15	5	381500	25@0	DFT_64QAM	20.31
n2	15	5	381500	12@6	DFT_64QAM	20.38
n2	15	5	381500	1@1	DFT_64QAM	20.38
n2	15	5	381500	1@23	DFT_64QAM	20.43
n2	15	5	381500	25@0	DFT_256QAM	18.24
n2	15	5	381500	12@6	DFT_256QAM	18.38
n2	15	5	381500	1@1	DFT_256QAM	18.18
n2	15	5	381500	1@23	DFT_256QAM	18.18
n2	15	5	381500	25@0	CP_QPSK	19.81
n2	15	5	381500	13@6	CP_QPSK	21.26
n2	15	5	381500	1@1	CP_QPSK	21.18
n2	15	5	381500	1@23	CP_QPSK	21.19
n2	15	10	371000	50@0	DFT_BPSK	22.13
n2	15	10	371000	25@12	DFT_BPSK	22.64
n2	15	10	371000	1@1	DFT_BPSK	22.68
n2	15	10	371000	1@50	DFT_BPSK	22.48
n2	15	10	371000	50@0	DFT_QPSK	21.64
n2	15	10	371000	25@12	DFT_QPSK	22.67
n2	15	10	371000	1@1	DFT_QPSK	22.58
n2	15	10	371000	1@50	DFT_QPSK	22.44
n2	15	10	371000	50@0	DFT_16QAM	20.59
n2	15	10	371000	25@12	DFT_16QAM	21.66
n2	15	10	371000	1@1	DFT_16QAM	21.81
n2	15	10	371000	1@50	DFT_16QAM	21.64
n2	15	10	371000	50@0	DFT_64QAM	20.13
n2	15	10	371000	25@12	DFT_64QAM	20.17
n2	15	10	371000	1@1	DFT_64QAM	20.33
n2	15	10	371000	1@50	DFT_64QAM	20.13
n2	15	10	371000	50@0	DFT_256QAM	18.09
n2	15	10	371000	25@12	DFT_256QAM	18.11
n2	15	10	371000	1@1	DFT_256QAM	18.13
n2	15	10	371000	1@50	DFT_256QAM	17.94
n2	15	10	371000	52@0	CP_QPSK	19.59
n2	15	10	371000	26@13	CP_QPSK	21.08
n2	15	10	371000	1@1	CP_QPSK	21.07
n2	15	10	371000	1@50	CP_QPSK	20.91
n2	15	10	376000	50@0	DFT_BPSK	22.19
n2	15	10	376000	25@12	DFT_BPSK	22.69
n2	15	10	376000	1@1	DFT_BPSK	22.48
n2	15	10	376000	1@50	DFT_BPSK	22.72
n2	15	10	376000	50@0	DFT_QPSK	21.68
n2	15	10	376000	25@12	DFT_QPSK	22.7
n2	15	10	376000	1@1	DFT_QPSK	22.43
n2	15	10	376000	1@50	DFT_QPSK	22.71
n2	15	10	376000	50@0	DFT_16QAM	20.67
n2	15	10	376000	25@12	DFT_16QAM	21.68
n2	15	10	376000	1@1	DFT_16QAM	21.63
n2	15	10	376000	1@50	DFT_16QAM	21.88
n2	15	10	376000	50@0	DFT_64QAM	20.16
n2	15	10	376000	25@12	DFT_64QAM	20.24
n2	15	10	376000	1@1	DFT_64QAM	20.19

n2	15	10	376000	1@50	DFT_64QAM	20.48
n2	15	10	376000	50@0	DFT_256QAM	18.3
n2	15	10	376000	25@12	DFT_256QAM	18.17
n2	15	10	376000	1@1	DFT_256QAM	17.96
n2	15	10	376000	1@50	DFT_256QAM	18.29
n2	15	10	376000	52@0	CP_QPSK	19.71
n2	15	10	376000	26@13	CP_QPSK	21.16
n2	15	10	376000	1@1	CP_QPSK	20.91
n2	15	10	376000	1@50	CP_QPSK	21.18
n2	15	10	381000	50@0	DFT_BPSK	22.29
n2	15	10	381000	25@12	DFT_BPSK	22.77
n2	15	10	381000	1@1	DFT_BPSK	22.69
n2	15	10	381000	1@50	DFT_BPSK	22.76
n2	15	10	381000	50@0	DFT_QPSK	21.8
n2	15	10	381000	25@12	DFT_QPSK	22.78
n2	15	10	381000	1@1	DFT_QPSK	22.6
n2	15	10	381000	1@50	DFT_QPSK	22.73
n2	15	10	381000	50@0	DFT_16QAM	20.83
n2	15	10	381000	25@12	DFT_16QAM	21.77
n2	15	10	381000	1@1	DFT_16QAM	21.92
n2	15	10	381000	1@50	DFT_16QAM	21.94
n2	15	10	381000	50@0	DFT_64QAM	20.29
n2	15	10	381000	25@12	DFT_64QAM	20.35
n2	15	10	381000	1@1	DFT_64QAM	20.43
n2	15	10	381000	1@50	DFT_64QAM	20.5
n2	15	10	381000	50@0	DFT_256QAM	18.26
n2	15	10	381000	25@12	DFT_256QAM	18.25
n2	15	10	381000	1@1	DFT_256QAM	18.2
n2	15	10	381000	1@50	DFT_256QAM	18.3
n2	15	10	381000	52@0	CP_QPSK	19.78
n2	15	10	381000	26@13	CP_QPSK	21.23
n2	15	10	381000	1@1	CP_QPSK	21.12
n2	15	10	381000	1@50	CP_QPSK	21.22
n2	15	15	371500	75@0	DFT_BPSK	22.13
n2	15	15	371500	36@18	DFT_BPSK	22.63
n2	15	15	371500	1@1	DFT_BPSK	22.71
n2	15	15	371500	1@77	DFT_BPSK	22.44
n2	15	15	371500	75@0	DFT_QPSK	21.63
n2	15	15	371500	36@18	DFT_QPSK	22.66
n2	15	15	371500	1@1	DFT_QPSK	22.57
n2	15	15	371500	1@77	DFT_QPSK	22.39
n2	15	15	371500	75@0	DFT_16QAM	20.59
n2	15	15	371500	36@18	DFT_16QAM	21.67
n2	15	15	371500	1@1	DFT_16QAM	21.85
n2	15	15	371500	1@77	DFT_16QAM	21.58
n2	15	15	371500	75@0	DFT_64QAM	20.15
n2	15	15	371500	36@18	DFT_64QAM	20.18
n2	15	15	371500	1@1	DFT_64QAM	20.4
n2	15	15	371500	1@77	DFT_64QAM	20.11
n2	15	15	371500	75@0	DFT_256QAM	18.04
n2	15	15	371500	36@18	DFT_256QAM	18.09
n2	15	15	371500	1@1	DFT_256QAM	18.2
n2	15	15	371500	1@77	DFT_256QAM	17.95
n2	15	15	371500	79@0	CP_QPSK	19.67
n2	15	15	371500	39@19	CP_QPSK	21.13
n2	15	15	371500	1@1	CP_QPSK	21.04
n2	15	15	371500	1@77	CP_QPSK	20.9

n2	15	15	376000	75@0	DFT_BPSK	22.23
n2	15	15	376000	36@18	DFT_BPSK	22.72
n2	15	15	376000	1@1	DFT_BPSK	22.42
n2	15	15	376000	1@77	DFT_BPSK	22.76
n2	15	15	376000	75@0	DFT_QPSK	21.76
n2	15	15	376000	36@18	DFT_QPSK	22.74
n2	15	15	376000	1@1	DFT_QPSK	22.41
n2	15	15	376000	1@77	DFT_QPSK	22.72
n2	15	15	376000	75@0	DFT_16QAM	20.71
n2	15	15	376000	36@18	DFT_16QAM	21.76
n2	15	15	376000	1@1	DFT_16QAM	21.55
n2	15	15	376000	1@77	DFT_16QAM	21.94
n2	15	15	376000	75@0	DFT_64QAM	20.23
n2	15	15	376000	36@18	DFT_64QAM	20.27
n2	15	15	376000	1@1	DFT_64QAM	20.13
n2	15	15	376000	1@77	DFT_64QAM	20.48
n2	15	15	376000	75@0	DFT_256QAM	18.18
n2	15	15	376000	36@18	DFT_256QAM	18.22
n2	15	15	376000	1@1	DFT_256QAM	18.2
n2	15	15	376000	1@77	DFT_256QAM	18.27
n2	15	15	376000	79@0	CP_QPSK	19.74
n2	15	15	376000	39@19	CP_QPSK	21.27
n2	15	15	376000	1@1	CP_QPSK	20.85
n2	15	15	376000	1@77	CP_QPSK	21.19
n2	15	15	380500	75@0	DFT_BPSK	22.29
n2	15	15	380500	36@18	DFT_BPSK	22.83
n2	15	15	380500	1@1	DFT_BPSK	22.76
n2	15	15	380500	1@77	DFT_BPSK	22.8
n2	15	15	380500	75@0	DFT_QPSK	21.82
n2	15	15	380500	36@18	DFT_QPSK	22.81
n2	15	15	380500	1@1	DFT_QPSK	22.64
n2	15	15	380500	1@77	DFT_QPSK	22.73
n2	15	15	380500	75@0	DFT_16QAM	20.83
n2	15	15	380500	36@18	DFT_16QAM	21.84
n2	15	15	380500	1@1	DFT_16QAM	21.93
n2	15	15	380500	1@77	DFT_16QAM	21.98
n2	15	15	380500	75@0	DFT_64QAM	20.38
n2	15	15	380500	36@18	DFT_64QAM	20.35
n2	15	15	380500	1@1	DFT_64QAM	20.47
n2	15	15	380500	1@77	DFT_64QAM	20.52
n2	15	15	380500	75@0	DFT_256QAM	18.28
n2	15	15	380500	36@18	DFT_256QAM	18.26
n2	15	15	380500	1@1	DFT_256QAM	18.25
n2	15	15	380500	1@77	DFT_256QAM	18.29
n2	15	15	380500	79@0	CP_QPSK	19.84
n2	15	15	380500	39@19	CP_QPSK	21.34
n2	15	15	380500	1@1	CP_QPSK	21.18
n2	15	15	380500	1@77	CP_QPSK	21.23
n2	15	20	372000	100@0	DFT_BPSK	22.11
n2	15	20	372000	50@25	DFT_BPSK	22.57
n2	15	20	372000	1@1	DFT_BPSK	22.68
n2	15	20	372000	1@104	DFT_BPSK	22.46
n2	15	20	372000	100@0	DFT_QPSK	21.61
n2	15	20	372000	50@25	DFT_QPSK	22.56
n2	15	20	372000	1@1	DFT_QPSK	22.6
n2	15	20	372000	1@104	DFT_QPSK	22.44
n2	15	20	372000	100@0	DFT_16QAM	20.57

n2	15	20	372000	50@25	DFT_16QAM	21.58
n2	15	20	372000	1@1	DFT_16QAM	21.83
n2	15	20	372000	1@104	DFT_16QAM	21.59
n2	15	20	372000	100@0	DFT_64QAM	20.11
n2	15	20	372000	50@25	DFT_64QAM	20.05
n2	15	20	372000	1@1	DFT_64QAM	20.42
n2	15	20	372000	1@104	DFT_64QAM	20.17
n2	15	20	372000	100@0	DFT_256QAM	18.12
n2	15	20	372000	50@25	DFT_256QAM	18.05
n2	15	20	372000	1@1	DFT_256QAM	18.19
n2	15	20	372000	1@104	DFT_256QAM	17.93
n2	15	20	372000	106@0	CP_QPSK	19.59
n2	15	20	372000	53@26	CP_QPSK	21.09
n2	15	20	372000	1@1	CP_QPSK	21.09
n2	15	20	372000	1@104	CP_QPSK	20.85
n2	15	20	376000	100@0	DFT_BPSK	22.22
n2	15	20	376000	50@25	DFT_BPSK	22.75
n2	15	20	376000	1@1	DFT_BPSK	22.37
n2	15	20	376000	1@104	DFT_BPSK	22.83
n2	15	20	376000	100@0	DFT_QPSK	21.72
n2	15	20	376000	50@25	DFT_QPSK	22.75
n2	15	20	376000	1@1	DFT_QPSK	22.36
n2	15	20	376000	1@104	DFT_QPSK	22.76
n2	15	20	376000	100@0	DFT_16QAM	20.71
n2	15	20	376000	50@25	DFT_16QAM	21.77
n2	15	20	376000	1@1	DFT_16QAM	21.53
n2	15	20	376000	1@104	DFT_16QAM	21.92
n2	15	20	376000	100@0	DFT_64QAM	20.22
n2	15	20	376000	50@25	DFT_64QAM	20.25
n2	15	20	376000	1@1	DFT_64QAM	20.1
n2	15	20	376000	1@104	DFT_64QAM	20.57
n2	15	20	376000	100@0	DFT_256QAM	18.23
n2	15	20	376000	50@25	DFT_256QAM	18.25
n2	15	20	376000	1@1	DFT_256QAM	17.89
n2	15	20	376000	1@104	DFT_256QAM	18.32
n2	15	20	376000	106@0	CP_QPSK	19.73
n2	15	20	376000	53@26	CP_QPSK	21.23
n2	15	20	376000	1@1	CP_QPSK	20.81
n2	15	20	376000	1@104	CP_QPSK	21.23
n2	15	20	380000	100@0	DFT_BPSK	22.31
n2	15	20	380000	50@25	DFT_BPSK	22.85
n2	15	20	380000	1@1	DFT_BPSK	22.82
n2	15	20	380000	1@104	DFT_BPSK	22.83
n2	15	20	380000	100@0	DFT_QPSK	21.83
n2	15	20	380000	50@25	DFT_QPSK	22.84
n2	15	20	380000	1@1	DFT_QPSK	22.75
n2	15	20	380000	1@104	DFT_QPSK	22.76
n2	15	20	380000	100@0	DFT_16QAM	20.84
n2	15	20	380000	50@25	DFT_16QAM	21.91
n2	15	20	380000	1@1	DFT_16QAM	21.95
n2	15	20	380000	1@104	DFT_16QAM	22
n2	15	20	380000	100@0	DFT_64QAM	20.31
n2	15	20	380000	50@25	DFT_64QAM	20.36
n2	15	20	380000	1@1	DFT_64QAM	20.55
n2	15	20	380000	1@104	DFT_64QAM	20.58
n2	15	20	380000	100@0	DFT_256QAM	18.34
n2	15	20	380000	50@25	DFT_256QAM	18.34

n2	15	20	380000	1@1	DFT_256QAM	18.35
n2	15	20	380000	1@104	DFT_256QAM	18.2
n2	15	20	380000	106@0	CP_QPSK	19.86
n2	15	20	380000	53@26	CP_QPSK	21.4
n2	15	20	380000	1@1	CP_QPSK	21.28
n2	15	20	380000	1@104	CP_QPSK	21.24

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n5	15	5	165300	25@0	DFT_BPSK	22.07
n5	15	5	165300	12@6	DFT_BPSK	22.5
n5	15	5	165300	1@1	DFT_BPSK	22.33
n5	15	5	165300	1@23	DFT_BPSK	22.53
n5	15	5	165300	25@0	DFT_QPSK	21.64
n5	15	5	165300	12@6	DFT_QPSK	22.58
n5	15	5	165300	1@1	DFT_QPSK	22.22
n5	15	5	165300	1@23	DFT_QPSK	22.43
n5	15	5	165300	25@0	DFT_16QAM	20.58
n5	15	5	165300	12@6	DFT_16QAM	21.57
n5	15	5	165300	1@1	DFT_16QAM	21.65
n5	15	5	165300	1@23	DFT_16QAM	21.83
n5	15	5	165300	25@0	DFT_64QAM	20.15
n5	15	5	165300	12@6	DFT_64QAM	20.13
n5	15	5	165300	1@1	DFT_64QAM	20.19
n5	15	5	165300	1@23	DFT_64QAM	20.33
n5	15	5	165300	25@0	DFT_256QAM	18.07
n5	15	5	165300	12@6	DFT_256QAM	18.12
n5	15	5	165300	1@1	DFT_256QAM	17.89
n5	15	5	165300	1@23	DFT_256QAM	18.09
n5	15	5	165300	25@0	CP_QPSK	19.62
n5	15	5	165300	13@6	CP_QPSK	21.03
n5	15	5	165300	1@1	CP_QPSK	20.78
n5	15	5	165300	1@23	CP_QPSK	21.01
n5	15	5	167300	25@0	DFT_BPSK	22.65
n5	15	5	167300	12@6	DFT_BPSK	23.21
n5	15	5	167300	1@1	DFT_BPSK	22.95
n5	15	5	167300	1@23	DFT_BPSK	23.12
n5	15	5	167300	25@0	DFT_QPSK	22.16
n5	15	5	167300	12@6	DFT_QPSK	23.23
n5	15	5	167300	1@1	DFT_QPSK	22.88
n5	15	5	167300	1@23	DFT_QPSK	23.07
n5	15	5	167300	25@0	DFT_16QAM	21.16
n5	15	5	167300	12@6	DFT_16QAM	22.18
n5	15	5	167300	1@1	DFT_16QAM	22.15
n5	15	5	167300	1@23	DFT_16QAM	22.27
n5	15	5	167300	25@0	DFT_64QAM	20.68
n5	15	5	167300	12@6	DFT_64QAM	20.74
n5	15	5	167300	1@1	DFT_64QAM	20.64
n5	15	5	167300	1@23	DFT_64QAM	20.8
n5	15	5	167300	25@0	DFT_256QAM	18.5
n5	15	5	167300	12@6	DFT_256QAM	18.7
n5	15	5	167300	1@1	DFT_256QAM	18.47
n5	15	5	167300	1@23	DFT_256QAM	18.62
n5	15	5	167300	25@0	CP_QPSK	20.18
n5	15	5	167300	13@6	CP_QPSK	21.64
n5	15	5	167300	1@1	CP_QPSK	21.4
n5	15	5	167300	1@23	CP_QPSK	21.58
n5	15	5	169300	25@0	DFT_BPSK	22.12
n5	15	5	169300	12@6	DFT_BPSK	22.64
n5	15	5	169300	1@1	DFT_BPSK	22.71
n5	15	5	169300	1@23	DFT_BPSK	22.29
n5	15	5	169300	25@0	DFT_QPSK	21.63
n5	15	5	169300	12@6	DFT_QPSK	22.61
n5	15	5	169300	1@1	DFT_QPSK	22.69

n5	15	5	169300	1@23	DFT_QPSK	22.24
n5	15	5	169300	25@0	DFT_16QAM	20.62
n5	15	5	169300	12@6	DFT_16QAM	21.61
n5	15	5	169300	1@1	DFT_16QAM	21.85
n5	15	5	169300	1@23	DFT_16QAM	21.46
n5	15	5	169300	25@0	DFT_64QAM	20.2
n5	15	5	169300	12@6	DFT_64QAM	20.16
n5	15	5	169300	1@1	DFT_64QAM	20.35
n5	15	5	169300	1@23	DFT_64QAM	19.98
n5	15	5	169300	25@0	DFT_256QAM	18.08
n5	15	5	169300	12@6	DFT_256QAM	18.13
n5	15	5	169300	1@1	DFT_256QAM	18.13
n5	15	5	169300	1@23	DFT_256QAM	17.85
n5	15	5	169300	25@0	CP_QPSK	19.66
n5	15	5	169300	13@6	CP_QPSK	21.03
n5	15	5	169300	1@1	CP_QPSK	21.14
n5	15	5	169300	1@23	CP_QPSK	20.81
n5	15	10	165800	50@0	DFT_BPSK	22.2
n5	15	10	165800	25@12	DFT_BPSK	22.69
n5	15	10	165800	1@1	DFT_BPSK	22.37
n5	15	10	165800	1@50	DFT_BPSK	23
n5	15	10	165800	50@0	DFT_QPSK	21.78
n5	15	10	165800	25@12	DFT_QPSK	22.69
n5	15	10	165800	1@1	DFT_QPSK	22.29
n5	15	10	165800	1@50	DFT_QPSK	22.91
n5	15	10	165800	50@0	DFT_16QAM	20.82
n5	15	10	165800	25@12	DFT_16QAM	21.79
n5	15	10	165800	1@1	DFT_16QAM	21.61
n5	15	10	165800	1@50	DFT_16QAM	22.2
n5	15	10	165800	50@0	DFT_64QAM	20.28
n5	15	10	165800	25@12	DFT_64QAM	20.31
n5	15	10	165800	1@1	DFT_64QAM	20.16
n5	15	10	165800	1@50	DFT_64QAM	20.78
n5	15	10	165800	50@0	DFT_256QAM	18.26
n5	15	10	165800	25@12	DFT_256QAM	18.22
n5	15	10	165800	1@1	DFT_256QAM	17.94
n5	15	10	165800	1@50	DFT_256QAM	18.54
n5	15	10	165800	52@0	CP_QPSK	19.83
n5	15	10	165800	26@13	CP_QPSK	21.22
n5	15	10	165800	1@1	CP_QPSK	20.83
n5	15	10	165800	1@50	CP_QPSK	21.46
n5	15	10	167300	50@0	DFT_BPSK	22.59
n5	15	10	167300	25@12	DFT_BPSK	23.14
n5	15	10	167300	1@1	DFT_BPSK	22.79
n5	15	10	167300	1@50	DFT_BPSK	23.11
n5	15	10	167300	50@0	DFT_QPSK	22.13
n5	15	10	167300	25@12	DFT_QPSK	23.14
n5	15	10	167300	1@1	DFT_QPSK	22.73
n5	15	10	167300	1@50	DFT_QPSK	23.05
n5	15	10	167300	50@0	DFT_16QAM	21.1
n5	15	10	167300	25@12	DFT_16QAM	22.19
n5	15	10	167300	1@1	DFT_16QAM	21.99
n5	15	10	167300	1@50	DFT_16QAM	22.19
n5	15	10	167300	50@0	DFT_64QAM	20.59
n5	15	10	167300	25@12	DFT_64QAM	20.73
n5	15	10	167300	1@1	DFT_64QAM	20.53
n5	15	10	167300	1@50	DFT_64QAM	20.74

n5	15	10	167300	50@0	DFT_256QAM	18.53
n5	15	10	167300	25@12	DFT_256QAM	18.61
n5	15	10	167300	1@1	DFT_256QAM	18.33
n5	15	10	167300	1@50	DFT_256QAM	18.54
n5	15	10	167300	52@0	CP_QPSK	20.14
n5	15	10	167300	26@13	CP_QPSK	21.65
n5	15	10	167300	1@1	CP_QPSK	21.23
n5	15	10	167300	1@50	CP_QPSK	21.5
n5	15	10	168800	50@0	DFT_BPSK	22.46
n5	15	10	168800	25@12	DFT_BPSK	23.01
n5	15	10	168800	1@1	DFT_BPSK	23.13
n5	15	10	168800	1@50	DFT_BPSK	22.34
n5	15	10	168800	50@0	DFT_QPSK	21.91
n5	15	10	168800	25@12	DFT_QPSK	22.98
n5	15	10	168800	1@1	DFT_QPSK	23.04
n5	15	10	168800	1@50	DFT_QPSK	22.32
n5	15	10	168800	50@0	DFT_16QAM	20.93
n5	15	10	168800	25@12	DFT_16QAM	21.9
n5	15	10	168800	1@1	DFT_16QAM	22.21
n5	15	10	168800	1@50	DFT_16QAM	21.54
n5	15	10	168800	50@0	DFT_64QAM	20.42
n5	15	10	168800	25@12	DFT_64QAM	20.46
n5	15	10	168800	1@1	DFT_64QAM	20.79
n5	15	10	168800	1@50	DFT_64QAM	20.12
n5	15	10	168800	50@0	DFT_256QAM	18.4
n5	15	10	168800	25@12	DFT_256QAM	18.41
n5	15	10	168800	1@1	DFT_256QAM	18.57
n5	15	10	168800	1@50	DFT_256QAM	17.95
n5	15	10	168800	52@0	CP_QPSK	19.93
n5	15	10	168800	26@13	CP_QPSK	21.32
n5	15	10	168800	1@1	CP_QPSK	21.53
n5	15	10	168800	1@50	CP_QPSK	20.88
n5	15	15	166300	75@0	DFT_BPSK	22.46
n5	15	15	166300	36@18	DFT_BPSK	22.84
n5	15	15	166300	1@1	DFT_BPSK	22.41
n5	15	15	166300	1@77	DFT_BPSK	23.28
n5	15	15	166300	75@0	DFT_QPSK	22
n5	15	15	166300	36@18	DFT_QPSK	22.86
n5	15	15	166300	1@1	DFT_QPSK	22.37
n5	15	15	166300	1@77	DFT_QPSK	23.25
n5	15	15	166300	75@0	DFT_16QAM	20.94
n5	15	15	166300	36@18	DFT_16QAM	21.97
n5	15	15	166300	1@1	DFT_16QAM	21.67
n5	15	15	166300	1@77	DFT_16QAM	22.49
n5	15	15	166300	75@0	DFT_64QAM	20.48
n5	15	15	166300	36@18	DFT_64QAM	20.46
n5	15	15	166300	1@1	DFT_64QAM	20.16
n5	15	15	166300	1@77	DFT_64QAM	21.03
n5	15	15	166300	75@0	DFT_256QAM	18.43
n5	15	15	166300	36@18	DFT_256QAM	18.39
n5	15	15	166300	1@1	DFT_256QAM	17.97
n5	15	15	166300	1@77	DFT_256QAM	18.79
n5	15	15	166300	79@0	CP_QPSK	20.01
n5	15	15	166300	39@19	CP_QPSK	21.47
n5	15	15	166300	1@1	CP_QPSK	20.82
n5	15	15	166300	1@77	CP_QPSK	21.76
n5	15	15	167300	75@0	DFT_BPSK	22.58

n5	15	15	167300	36@18	DFT_BPSK	23.11
n5	15	15	167300	1@1	DFT_BPSK	22.61
n5	15	15	167300	1@77	DFT_BPSK	23.01
n5	15	15	167300	75@0	DFT_QPSK	22.07
n5	15	15	167300	36@18	DFT_QPSK	23.15
n5	15	15	167300	1@1	DFT_QPSK	22.55
n5	15	15	167300	1@77	DFT_QPSK	22.96
n5	15	15	167300	75@0	DFT_16QAM	21.07
n5	15	15	167300	36@18	DFT_16QAM	22.15
n5	15	15	167300	1@1	DFT_16QAM	21.82
n5	15	15	167300	1@77	DFT_16QAM	22.07
n5	15	15	167300	75@0	DFT_64QAM	20.57
n5	15	15	167300	36@18	DFT_64QAM	20.66
n5	15	15	167300	1@1	DFT_64QAM	20.37
n5	15	15	167300	1@77	DFT_64QAM	20.59
n5	15	15	167300	75@0	DFT_256QAM	18.54
n5	15	15	167300	36@18	DFT_256QAM	18.61
n5	15	15	167300	1@1	DFT_256QAM	18.08
n5	15	15	167300	1@77	DFT_256QAM	18.4
n5	15	15	167300	79@0	CP_QPSK	20.12
n5	15	15	167300	39@19	CP_QPSK	21.7
n5	15	15	167300	1@1	CP_QPSK	21.02
n5	15	15	167300	1@77	CP_QPSK	21.34
n5	15	15	168300	75@0	DFT_BPSK	22.54
n5	15	15	168300	36@18	DFT_BPSK	23.17
n5	15	15	168300	1@1	DFT_BPSK	23.03
n5	15	15	168300	1@77	DFT_BPSK	22.45
n5	15	15	168300	75@0	DFT_QPSK	22.01
n5	15	15	168300	36@18	DFT_QPSK	23.15
n5	15	15	168300	1@1	DFT_QPSK	22.97
n5	15	15	168300	1@77	DFT_QPSK	22.36
n5	15	15	168300	75@0	DFT_16QAM	21.03
n5	15	15	168300	36@18	DFT_16QAM	22.12
n5	15	15	168300	1@1	DFT_16QAM	22.17
n5	15	15	168300	1@77	DFT_16QAM	21.59
n5	15	15	168300	75@0	DFT_64QAM	20.57
n5	15	15	168300	36@18	DFT_64QAM	20.63
n5	15	15	168300	1@1	DFT_64QAM	20.7
n5	15	15	168300	1@77	DFT_64QAM	20.12
n5	15	15	168300	75@0	DFT_256QAM	18.3
n5	15	15	168300	36@18	DFT_256QAM	18.59
n5	15	15	168300	1@1	DFT_256QAM	18.52
n5	15	15	168300	1@77	DFT_256QAM	17.99
n5	15	15	168300	79@0	CP_QPSK	20.06
n5	15	15	168300	39@19	CP_QPSK	21.63
n5	15	15	168300	1@1	CP_QPSK	21.47
n5	15	15	168300	1@77	CP_QPSK	20.92
n5	15	20	166800	100@0	DFT_BPSK	22.53
n5	15	20	166800	50@25	DFT_BPSK	23.08
n5	15	20	166800	1@1	DFT_BPSK	22.38
n5	15	20	166800	1@104	DFT_BPSK	23.09
n5	15	20	166800	100@0	DFT_QPSK	22.08
n5	15	20	166800	50@25	DFT_QPSK	23.1
n5	15	20	166800	1@1	DFT_QPSK	22.34
n5	15	20	166800	1@104	DFT_QPSK	23
n5	15	20	166800	100@0	DFT_16QAM	21.07
n5	15	20	166800	50@25	DFT_16QAM	22.12

n5	15	20	166800	1@1	DFT_16QAM	21.7
n5	15	20	166800	1@104	DFT_16QAM	22.17
n5	15	20	166800	100@0	DFT_64QAM	20.55
n5	15	20	166800	50@25	DFT_64QAM	20.56
n5	15	20	166800	1@1	DFT_64QAM	20.22
n5	15	20	166800	1@104	DFT_64QAM	20.74
n5	15	20	166800	100@0	DFT_256QAM	18.54
n5	15	20	166800	50@25	DFT_256QAM	18.58
n5	15	20	166800	1@1	DFT_256QAM	17.92
n5	15	20	166800	1@104	DFT_256QAM	17.68
n5	15	20	166800	106@0	CP_QPSK	20.04
n5	15	20	166800	53@26	CP_QPSK	21.66
n5	15	20	166800	1@1	CP_QPSK	20.83
n5	15	20	166800	1@104	CP_QPSK	21.36
n5	15	20	167300	100@0	DFT_BPSK	22.51
n5	15	20	167300	50@25	DFT_BPSK	23.18
n5	15	20	167300	1@1	DFT_BPSK	22.45
n5	15	20	167300	1@104	DFT_BPSK	22.81
n5	15	20	167300	100@0	DFT_QPSK	22.04
n5	15	20	167300	50@25	DFT_QPSK	23.16
n5	15	20	167300	1@1	DFT_QPSK	22.38
n5	15	20	167300	1@104	DFT_QPSK	22.75
n5	15	20	167300	100@0	DFT_16QAM	21.02
n5	15	20	167300	50@25	DFT_16QAM	22.15
n5	15	20	167300	1@1	DFT_16QAM	21.69
n5	15	20	167300	1@104	DFT_16QAM	21.89
n5	15	20	167300	100@0	DFT_64QAM	20.47
n5	15	20	167300	50@25	DFT_64QAM	20.63
n5	15	20	167300	1@1	DFT_64QAM	20.32
n5	15	20	167300	1@104	DFT_64QAM	20.43
n5	15	20	167300	100@0	DFT_256QAM	18.49
n5	15	20	167300	50@25	DFT_256QAM	18.61
n5	15	20	167300	1@1	DFT_256QAM	18.04
n5	15	20	167300	1@104	DFT_256QAM	18.21
n5	15	20	167300	106@0	CP_QPSK	19.96
n5	15	20	167300	53@26	CP_QPSK	21.68
n5	15	20	167300	1@1	CP_QPSK	20.91
n5	15	20	167300	1@104	CP_QPSK	21.12
n5	15	20	167800	100@0	DFT_BPSK	22.5
n5	15	20	167800	50@25	DFT_BPSK	23.19
n5	15	20	167800	1@1	DFT_BPSK	22.59
n5	15	20	167800	1@104	DFT_BPSK	22.46
n5	15	20	167800	100@0	DFT_QPSK	22.04
n5	15	20	167800	50@25	DFT_QPSK	23.24
n5	15	20	167800	1@1	DFT_QPSK	22.58
n5	15	20	167800	1@104	DFT_QPSK	22.42
n5	15	20	167800	100@0	DFT_16QAM	21.02
n5	15	20	167800	50@25	DFT_16QAM	22.18
n5	15	20	167800	1@1	DFT_16QAM	21.82
n5	15	20	167800	1@104	DFT_16QAM	21.67
n5	15	20	167800	100@0	DFT_64QAM	20.48
n5	15	20	167800	50@25	DFT_64QAM	20.68
n5	15	20	167800	1@1	DFT_64QAM	20.38
n5	15	20	167800	1@104	DFT_64QAM	20.15
n5	15	20	167800	100@0	DFT_256QAM	18.5
n5	15	20	167800	50@25	DFT_256QAM	18.63
n5	15	20	167800	1@1	DFT_256QAM	18.26

n5	15	20	167800	1@104	DFT_256QAM	18.03
n5	15	20	167800	106@0	CP_QPSK	20.02
n5	15	20	167800	53@26	CP_QPSK	21.68
n5	15	20	167800	1@1	CP_QPSK	21.08
n5	15	20	167800	1@104	CP_QPSK	20.96

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n7	15	5	500500	25@0	DFT_BPSK	19.35
n7	15	5	500500	12@6	DFT_BPSK	19.84
n7	15	5	500500	1@1	DFT_BPSK	19.69
n7	15	5	500500	1@23	DFT_BPSK	19.75
n7	15	5	500500	25@0	DFT_QPSK	18.94
n7	15	5	500500	12@6	DFT_QPSK	19.86
n7	15	5	500500	1@1	DFT_QPSK	19.7
n7	15	5	500500	1@23	DFT_QPSK	19.75
n7	15	5	500500	25@0	DFT_16QAM	17.91
n7	15	5	500500	12@6	DFT_16QAM	18.93
n7	15	5	500500	1@1	DFT_16QAM	18.92
n7	15	5	500500	1@23	DFT_16QAM	18.93
n7	15	5	500500	25@0	DFT_64QAM	17.41
n7	15	5	500500	12@6	DFT_64QAM	17.47
n7	15	5	500500	1@1	DFT_64QAM	17.45
n7	15	5	500500	1@23	DFT_64QAM	17.45
n7	15	5	500500	25@0	DFT_256QAM	15.39
n7	15	5	500500	12@6	DFT_256QAM	15.42
n7	15	5	500500	1@1	DFT_256QAM	15.23
n7	15	5	500500	1@23	DFT_256QAM	15.26
n7	15	5	500500	25@0	CP_QPSK	16.98
n7	15	5	500500	13@6	CP_QPSK	18.45
n7	15	5	500500	1@1	CP_QPSK	18.34
n7	15	5	500500	1@23	CP_QPSK	18.38
n7	15	5	507000	25@0	DFT_BPSK	19.35
n7	15	5	507000	12@6	DFT_BPSK	19.91
n7	15	5	507000	1@1	DFT_BPSK	19.76
n7	15	5	507000	1@23	DFT_BPSK	19.74
n7	15	5	507000	25@0	DFT_QPSK	19.01
n7	15	5	507000	12@6	DFT_QPSK	19.85
n7	15	5	507000	1@1	DFT_QPSK	19.77
n7	15	5	507000	1@23	DFT_QPSK	19.74
n7	15	5	507000	25@0	DFT_16QAM	17.95
n7	15	5	507000	12@6	DFT_16QAM	18.92
n7	15	5	507000	1@1	DFT_16QAM	18.99
n7	15	5	507000	1@23	DFT_16QAM	18.91
n7	15	5	507000	25@0	DFT_64QAM	17.5
n7	15	5	507000	12@6	DFT_64QAM	17.49
n7	15	5	507000	1@1	DFT_64QAM	17.54
n7	15	5	507000	1@23	DFT_64QAM	17.46
n7	15	5	507000	25@0	DFT_256QAM	15.42
n7	15	5	507000	12@6	DFT_256QAM	15.47
n7	15	5	507000	1@1	DFT_256QAM	15.33
n7	15	5	507000	1@23	DFT_256QAM	15.26
n7	15	5	507000	25@0	CP_QPSK	17.02
n7	15	5	507000	13@6	CP_QPSK	18.43
n7	15	5	507000	1@1	CP_QPSK	18.45
n7	15	5	507000	1@23	CP_QPSK	18.35
n7	15	5	513500	25@0	DFT_BPSK	19.3

n7	15	5	513500	12@6	DFT_BPSK	19.81
n7	15	5	513500	1@1	DFT_BPSK	19.69
n7	15	5	513500	1@23	DFT_BPSK	19.71
n7	15	5	513500	25@0	DFT_QPSK	18.95
n7	15	5	513500	12@6	DFT_QPSK	19.82
n7	15	5	513500	1@1	DFT_QPSK	19.68
n7	15	5	513500	1@23	DFT_QPSK	19.7
n7	15	5	513500	25@0	DFT_16QAM	17.89
n7	15	5	513500	12@6	DFT_16QAM	18.9
n7	15	5	513500	1@1	DFT_16QAM	18.92
n7	15	5	513500	1@23	DFT_16QAM	18.94
n7	15	5	513500	25@0	DFT_64QAM	17.43
n7	15	5	513500	12@6	DFT_64QAM	17.42
n7	15	5	513500	1@1	DFT_64QAM	17.44
n7	15	5	513500	1@23	DFT_64QAM	17.48
n7	15	5	513500	25@0	DFT_256QAM	15.34
n7	15	5	513500	12@6	DFT_256QAM	15.41
n7	15	5	513500	1@1	DFT_256QAM	15.25
n7	15	5	513500	1@23	DFT_256QAM	15.23
n7	15	5	513500	25@0	CP_QPSK	16.93
n7	15	5	513500	13@6	CP_QPSK	18.37
n7	15	5	513500	1@1	CP_QPSK	18.32
n7	15	5	513500	1@23	CP_QPSK	18.3
n7	15	10	501000	50@0	DFT_BPSK	19.29
n7	15	10	501000	25@12	DFT_BPSK	19.77
n7	15	10	501000	1@1	DFT_BPSK	19.74
n7	15	10	501000	1@50	DFT_BPSK	19.75
n7	15	10	501000	50@0	DFT_QPSK	18.89
n7	15	10	501000	25@12	DFT_QPSK	19.77
n7	15	10	501000	1@1	DFT_QPSK	19.72
n7	15	10	501000	1@50	DFT_QPSK	19.77
n7	15	10	501000	50@0	DFT_16QAM	17.85
n7	15	10	501000	25@12	DFT_16QAM	18.91
n7	15	10	501000	1@1	DFT_16QAM	18.93
n7	15	10	501000	1@50	DFT_16QAM	19
n7	15	10	501000	50@0	DFT_64QAM	17.34
n7	15	10	501000	25@12	DFT_64QAM	17.44
n7	15	10	501000	1@1	DFT_64QAM	17.46
n7	15	10	501000	1@50	DFT_64QAM	17.54
n7	15	10	501000	50@0	DFT_256QAM	15.32
n7	15	10	501000	25@12	DFT_256QAM	15.33
n7	15	10	501000	1@1	DFT_256QAM	15.27
n7	15	10	501000	1@50	DFT_256QAM	15.3
n7	15	10	501000	52@0	CP_QPSK	16.95
n7	15	10	501000	26@13	CP_QPSK	18.42
n7	15	10	501000	1@1	CP_QPSK	18.37
n7	15	10	501000	1@50	CP_QPSK	18.4
n7	15	10	507000	50@0	DFT_BPSK	19.36
n7	15	10	507000	25@12	DFT_BPSK	19.82
n7	15	10	507000	1@1	DFT_BPSK	19.9
n7	15	10	507000	1@50	DFT_BPSK	19.8

n7	15	10	507000	50@0	DFT_QPSK	19.02
n7	15	10	507000	25@12	DFT_QPSK	19.84
n7	15	10	507000	1@1	DFT_QPSK	19.87
n7	15	10	507000	1@50	DFT_QPSK	19.81
n7	15	10	507000	50@0	DFT_16QAM	17.98
n7	15	10	507000	25@12	DFT_16QAM	18.98
n7	15	10	507000	1@1	DFT_16QAM	19.09
n7	15	10	507000	1@50	DFT_16QAM	18.91
n7	15	10	507000	50@0	DFT_64QAM	17.5
n7	15	10	507000	25@12	DFT_64QAM	17.53
n7	15	10	507000	1@1	DFT_64QAM	17.64
n7	15	10	507000	1@50	DFT_64QAM	17.51
n7	15	10	507000	50@0	DFT_256QAM	15.43
n7	15	10	507000	25@12	DFT_256QAM	15.46
n7	15	10	507000	1@1	DFT_256QAM	15.42
n7	15	10	507000	1@50	DFT_256QAM	15.28
n7	15	10	507000	52@0	CP_QPSK	16.98
n7	15	10	507000	26@13	CP_QPSK	18.49
n7	15	10	507000	1@1	CP_QPSK	18.51
n7	15	10	507000	1@50	CP_QPSK	18.4
n7	15	10	513000	50@0	DFT_BPSK	19.3
n7	15	10	513000	25@12	DFT_BPSK	19.81
n7	15	10	513000	1@1	DFT_BPSK	19.79
n7	15	10	513000	1@50	DFT_BPSK	19.79
n7	15	10	513000	50@0	DFT_QPSK	18.89
n7	15	10	513000	25@12	DFT_QPSK	19.8
n7	15	10	513000	1@1	DFT_QPSK	19.82
n7	15	10	513000	1@50	DFT_QPSK	19.77
n7	15	10	513000	50@0	DFT_16QAM	17.88
n7	15	10	513000	25@12	DFT_16QAM	18.92
n7	15	10	513000	1@1	DFT_16QAM	18.98
n7	15	10	513000	1@50	DFT_16QAM	18.95
n7	15	10	513000	50@0	DFT_64QAM	17.39
n7	15	10	513000	25@12	DFT_64QAM	17.39
n7	15	10	513000	1@1	DFT_64QAM	17.5
n7	15	10	513000	1@50	DFT_64QAM	17.52
n7	15	10	513000	50@0	DFT_256QAM	15.31
n7	15	10	513000	25@12	DFT_256QAM	15.3
n7	15	10	513000	1@1	DFT_256QAM	15.3
n7	15	10	513000	1@50	DFT_256QAM	15.28
n7	15	10	513000	52@0	CP_QPSK	16.89
n7	15	10	513000	26@13	CP_QPSK	18.37
n7	15	10	513000	1@1	CP_QPSK	18.39
n7	15	10	513000	1@50	CP_QPSK	18.32
n7	15	15	501500	75@0	DFT_BPSK	19.4
n7	15	15	501500	36@18	DFT_BPSK	19.85
n7	15	15	501500	1@1	DFT_BPSK	19.8
n7	15	15	501500	1@77	DFT_BPSK	19.9
n7	15	15	501500	75@0	DFT_QPSK	19.03
n7	15	15	501500	36@18	DFT_QPSK	19.89
n7	15	15	501500	1@1	DFT_QPSK	19.79

n7	15	15	501500	1@77	DFT_QPSK	19.86
n7	15	15	501500	75@0	DFT_16QAM	18
n7	15	15	501500	36@18	DFT_16QAM	19.02
n7	15	15	501500	1@1	DFT_16QAM	19.05
n7	15	15	501500	1@77	DFT_16QAM	19.12
n7	15	15	501500	75@0	DFT_64QAM	17.52
n7	15	15	501500	36@18	DFT_64QAM	17.53
n7	15	15	501500	1@1	DFT_64QAM	17.53
n7	15	15	501500	1@77	DFT_64QAM	17.64
n7	15	15	501500	75@0	DFT_256QAM	15.45
n7	15	15	501500	36@18	DFT_256QAM	15.42
n7	15	15	501500	1@1	DFT_256QAM	15.34
n7	15	15	501500	1@77	DFT_256QAM	15.45
n7	15	15	501500	79@0	CP_QPSK	17.03
n7	15	15	501500	39@19	CP_QPSK	18.52
n7	15	15	501500	1@1	CP_QPSK	18.39
n7	15	15	501500	1@77	CP_QPSK	18.51
n7	15	15	507000	75@0	DFT_BPSK	19.43
n7	15	15	507000	36@18	DFT_BPSK	19.94
n7	15	15	507000	1@1	DFT_BPSK	19.97
n7	15	15	507000	1@77	DFT_BPSK	19.88
n7	15	15	507000	75@0	DFT_QPSK	19.02
n7	15	15	507000	36@18	DFT_QPSK	19.9
n7	15	15	507000	1@1	DFT_QPSK	19.97
n7	15	15	507000	1@77	DFT_QPSK	19.89
n7	15	15	507000	75@0	DFT_16QAM	18.01
n7	15	15	507000	36@18	DFT_16QAM	19.06
n7	15	15	507000	1@1	DFT_16QAM	19.17
n7	15	15	507000	1@77	DFT_16QAM	19
n7	15	15	507000	75@0	DFT_64QAM	17.53
n7	15	15	507000	36@18	DFT_64QAM	17.57
n7	15	15	507000	1@1	DFT_64QAM	17.67
n7	15	15	507000	1@77	DFT_64QAM	17.48
n7	15	15	507000	75@0	DFT_256QAM	15.46
n7	15	15	507000	36@18	DFT_256QAM	15.48
n7	15	15	507000	1@1	DFT_256QAM	15.49
n7	15	15	507000	1@77	DFT_256QAM	15.31
n7	15	15	507000	79@0	CP_QPSK	17.07
n7	15	15	507000	39@19	CP_QPSK	18.58
n7	15	15	507000	1@1	CP_QPSK	18.56
n7	15	15	507000	1@77	CP_QPSK	18.39
n7	15	15	512500	75@0	DFT_BPSK	19.39
n7	15	15	512500	36@18	DFT_BPSK	19.85
n7	15	15	512500	1@1	DFT_BPSK	19.9
n7	15	15	512500	1@77	DFT_BPSK	19.83
n7	15	15	512500	75@0	DFT_QPSK	18.95
n7	15	15	512500	36@18	DFT_QPSK	19.87
n7	15	15	512500	1@1	DFT_QPSK	19.87
n7	15	15	512500	1@77	DFT_QPSK	19.82
n7	15	15	512500	75@0	DFT_16QAM	17.92
n7	15	15	512500	36@18	DFT_16QAM	18.98

n7	15	15	512500	1@1	DFT_16QAM	19.11
n7	15	15	512500	1@77	DFT_16QAM	19.01
n7	15	15	512500	75@0	DFT_64QAM	17.49
n7	15	15	512500	36@18	DFT_64QAM	17.47
n7	15	15	512500	1@1	DFT_64QAM	17.57
n7	15	15	512500	1@77	DFT_64QAM	17.55
n7	15	15	512500	75@0	DFT_256QAM	15.4
n7	15	15	512500	36@18	DFT_256QAM	15.4
n7	15	15	512500	1@1	DFT_256QAM	15.37
n7	15	15	512500	1@77	DFT_256QAM	15.33
n7	15	15	512500	79@0	CP_QPSK	17.01
n7	15	15	512500	39@19	CP_QPSK	18.51
n7	15	15	512500	1@1	CP_QPSK	18.46
n7	15	15	512500	1@77	CP_QPSK	18.35
n7	15	20	502000	100@0	DFT_BPSK	19.44
n7	15	20	502000	50@25	DFT_BPSK	19.89
n7	15	20	502000	1@1	DFT_BPSK	19.78
n7	15	20	502000	1@104	DFT_BPSK	19.93
n7	15	20	502000	100@0	DFT_QPSK	19.01
n7	15	20	502000	50@25	DFT_QPSK	19.93
n7	15	20	502000	1@1	DFT_QPSK	19.76
n7	15	20	502000	1@104	DFT_QPSK	19.94
n7	15	20	502000	100@0	DFT_16QAM	18
n7	15	20	502000	50@25	DFT_16QAM	19.01
n7	15	20	502000	1@1	DFT_16QAM	19.01
n7	15	20	502000	1@104	DFT_16QAM	19.19
n7	15	20	502000	100@0	DFT_64QAM	17.46
n7	15	20	502000	50@25	DFT_64QAM	17.55
n7	15	20	502000	1@1	DFT_64QAM	17.53
n7	15	20	502000	1@104	DFT_64QAM	17.76
n7	15	20	502000	100@0	DFT_256QAM	15.47
n7	15	20	502000	50@25	DFT_256QAM	15.49
n7	15	20	502000	1@1	DFT_256QAM	15.32
n7	15	20	502000	1@104	DFT_256QAM	15.49
n7	15	20	502000	106@0	CP_QPSK	17.04
n7	15	20	502000	53@26	CP_QPSK	18.62
n7	15	20	502000	1@1	CP_QPSK	18.38
n7	15	20	502000	1@104	CP_QPSK	18.54
n7	15	20	507000	100@0	DFT_BPSK	19.44
n7	15	20	507000	50@25	DFT_BPSK	19.9
n7	15	20	507000	1@1	DFT_BPSK	19.99
n7	15	20	507000	1@104	DFT_BPSK	19.89
n7	15	20	507000	100@0	DFT_QPSK	19.03
n7	15	20	507000	50@25	DFT_QPSK	19.92
n7	15	20	507000	1@1	DFT_QPSK	19.95
n7	15	20	507000	1@104	DFT_QPSK	19.86
n7	15	20	507000	100@0	DFT_16QAM	18
n7	15	20	507000	50@25	DFT_16QAM	19.01
n7	15	20	507000	1@1	DFT_16QAM	19.19
n7	15	20	507000	1@104	DFT_16QAM	19
n7	15	20	507000	100@0	DFT_64QAM	17.52

n7	15	20	507000	50@25	DFT_64QAM	17.54
n7	15	20	507000	1@1	DFT_64QAM	17.72
n7	15	20	507000	1@104	DFT_64QAM	17.52
n7	15	20	507000	100@0	DFT_256QAM	15.53
n7	15	20	507000	50@25	DFT_256QAM	15.51
n7	15	20	507000	1@1	DFT_256QAM	15.49
n7	15	20	507000	1@104	DFT_256QAM	15.35
n7	15	20	507000	106@0	CP_QPSK	17.03
n7	15	20	507000	53@26	CP_QPSK	18.56
n7	15	20	507000	1@1	CP_QPSK	18.56
n7	15	20	507000	1@104	CP_QPSK	18.4
n7	15	20	512000	100@0	DFT_BPSK	19.4
n7	15	20	512000	50@25	DFT_BPSK	19.94
n7	15	20	512000	1@1	DFT_BPSK	19.85
n7	15	20	512000	1@104	DFT_BPSK	19.81
n7	15	20	512000	100@0	DFT_QPSK	18.94
n7	15	20	512000	50@25	DFT_QPSK	19.94
n7	15	20	512000	1@1	DFT_QPSK	19.87
n7	15	20	512000	1@104	DFT_QPSK	19.78
n7	15	20	512000	100@0	DFT_16QAM	17.91
n7	15	20	512000	50@25	DFT_16QAM	18.96
n7	15	20	512000	1@1	DFT_16QAM	19.04
n7	15	20	512000	1@104	DFT_16QAM	19.01
n7	15	20	512000	100@0	DFT_64QAM	17.43
n7	15	20	512000	50@25	DFT_64QAM	17.44
n7	15	20	512000	1@1	DFT_64QAM	17.59
n7	15	20	512000	1@104	DFT_64QAM	17.53
n7	15	20	512000	100@0	DFT_256QAM	15.42
n7	15	20	512000	50@25	DFT_256QAM	15.43
n7	15	20	512000	1@1	DFT_256QAM	15.39
n7	15	20	512000	1@104	DFT_256QAM	15.33
n7	15	20	512000	106@0	CP_QPSK	16.96
n7	15	20	512000	53@26	CP_QPSK	18.5
n7	15	20	512000	1@1	CP_QPSK	18.47
n7	15	20	512000	1@104	CP_QPSK	18.35

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n25	15	5	370500	25@0	DFT_BPSK	22.3
n25	15	5	370500	12@6	DFT_BPSK	22.79
n25	15	5	370500	1@1	DFT_BPSK	22.66
n25	15	5	370500	1@23	DFT_BPSK	22.59
n25	15	5	370500	25@0	DFT_QPSK	21.76
n25	15	5	370500	12@6	DFT_QPSK	22.83
n25	15	5	370500	1@1	DFT_QPSK	22.63
n25	15	5	370500	1@23	DFT_QPSK	22.57
n25	15	5	370500	25@0	DFT_16QAM	20.76
n25	15	5	370500	12@6	DFT_16QAM	21.74
n25	15	5	370500	1@1	DFT_16QAM	21.85
n25	15	5	370500	1@23	DFT_16QAM	21.82
n25	15	5	370500	25@0	DFT_64QAM	20.3
n25	15	5	370500	12@6	DFT_64QAM	20.31
n25	15	5	370500	1@1	DFT_64QAM	20.37
n25	15	5	370500	1@23	DFT_64QAM	20.29
n25	15	5	370500	25@0	DFT_256QAM	18.23
n25	15	5	370500	12@6	DFT_256QAM	18.28
n25	15	5	370500	1@1	DFT_256QAM	18.18
n25	15	5	370500	1@23	DFT_256QAM	18.11
n25	15	5	370500	25@0	CP_QPSK	19.8
n25	15	5	370500	13@6	CP_QPSK	21.17
n25	15	5	370500	1@1	CP_QPSK	21.1
n25	15	5	370500	1@23	CP_QPSK	21.07
n25	15	5	376500	25@0	DFT_BPSK	22.3
n25	15	5	376500	12@6	DFT_BPSK	22.77
n25	15	5	376500	1@1	DFT_BPSK	22.63
n25	15	5	376500	1@23	DFT_BPSK	22.67
n25	15	5	376500	25@0	DFT_QPSK	21.83
n25	15	5	376500	12@6	DFT_QPSK	22.81
n25	15	5	376500	1@1	DFT_QPSK	22.58
n25	15	5	376500	1@23	DFT_QPSK	22.65
n25	15	5	376500	25@0	DFT_16QAM	20.76
n25	15	5	376500	12@6	DFT_16QAM	21.72
n25	15	5	376500	1@1	DFT_16QAM	21.76
n25	15	5	376500	1@23	DFT_16QAM	21.83
n25	15	5	376500	25@0	DFT_64QAM	20.31
n25	15	5	376500	12@6	DFT_64QAM	20.28
n25	15	5	376500	1@1	DFT_64QAM	20.31
n25	15	5	376500	1@23	DFT_64QAM	20.37
n25	15	5	376500	25@0	DFT_256QAM	18.23
n25	15	5	376500	12@6	DFT_256QAM	18.6
n25	15	5	376500	1@1	DFT_256QAM	18.08
n25	15	5	376500	1@23	DFT_256QAM	18.21
n25	15	5	376500	25@0	CP_QPSK	19.8
n25	15	5	376500	13@6	CP_QPSK	21.2
n25	15	5	376500	1@1	CP_QPSK	21.06
n25	15	5	376500	1@23	CP_QPSK	21.14
n25	15	5	382500	25@0	DFT_BPSK	22.41

n25	15	5	382500	12@6	DFT_BPSK	22.96
n25	15	5	382500	1@1	DFT_BPSK	22.74
n25	15	5	382500	1@23	DFT_BPSK	22.82
n25	15	5	382500	25@0	DFT_QPSK	21.96
n25	15	5	382500	12@6	DFT_QPSK	22.99
n25	15	5	382500	1@1	DFT_QPSK	22.69
n25	15	5	382500	1@23	DFT_QPSK	22.67
n25	15	5	382500	25@0	DFT_16QAM	20.86
n25	15	5	382500	12@6	DFT_16QAM	21.92
n25	15	5	382500	1@1	DFT_16QAM	21.9
n25	15	5	382500	1@23	DFT_16QAM	22.21
n25	15	5	382500	25@0	DFT_64QAM	20.46
n25	15	5	382500	12@6	DFT_64QAM	20.47
n25	15	5	382500	1@1	DFT_64QAM	20.44
n25	15	5	382500	1@23	DFT_64QAM	20.68
n25	15	5	382500	25@0	DFT_256QAM	18.32
n25	15	5	382500	12@6	DFT_256QAM	18.43
n25	15	5	382500	1@1	DFT_256QAM	18.19
n25	15	5	382500	1@23	DFT_256QAM	18.31
n25	15	5	382500	25@0	CP_QPSK	19.87
n25	15	5	382500	13@6	CP_QPSK	21.35
n25	15	5	382500	1@1	CP_QPSK	21.2
n25	15	5	382500	1@23	CP_QPSK	21.24
n25	15	10	371000	50@0	DFT_BPSK	22.19
n25	15	10	371000	25@12	DFT_BPSK	22.7
n25	15	10	371000	1@1	DFT_BPSK	22.73
n25	15	10	371000	1@50	DFT_BPSK	22.5
n25	15	10	371000	50@0	DFT_QPSK	21.68
n25	15	10	371000	25@12	DFT_QPSK	22.73
n25	15	10	371000	1@1	DFT_QPSK	22.61
n25	15	10	371000	1@50	DFT_QPSK	22.43
n25	15	10	371000	50@0	DFT_16QAM	20.67
n25	15	10	371000	25@12	DFT_16QAM	21.7
n25	15	10	371000	1@1	DFT_16QAM	21.88
n25	15	10	371000	1@50	DFT_16QAM	21.65
n25	15	10	371000	50@0	DFT_64QAM	20.18
n25	15	10	371000	25@12	DFT_64QAM	20.22
n25	15	10	371000	1@1	DFT_64QAM	20.41
n25	15	10	371000	1@50	DFT_64QAM	20.18
n25	15	10	371000	50@0	DFT_256QAM	18.16
n25	15	10	371000	25@12	DFT_256QAM	18.17
n25	15	10	371000	1@1	DFT_256QAM	18.18
n25	15	10	371000	1@50	DFT_256QAM	17.98
n25	15	10	371000	52@0	CP_QPSK	19.67
n25	15	10	371000	26@13	CP_QPSK	21.13
n25	15	10	371000	1@1	CP_QPSK	21.13
n25	15	10	371000	1@50	CP_QPSK	20.89
n25	15	10	376500	50@0	DFT_BPSK	22.21
n25	15	10	376500	25@12	DFT_BPSK	22.75
n25	15	10	376500	1@1	DFT_BPSK	22.54
n25	15	10	376500	1@50	DFT_BPSK	22.72

n25	15	10	376500	50@0	DFT_QPSK	21.74
n25	15	10	376500	25@12	DFT_QPSK	22.75
n25	15	10	376500	1@1	DFT_QPSK	22.52
n25	15	10	376500	1@50	DFT_QPSK	22.67
n25	15	10	376500	50@0	DFT_16QAM	20.75
n25	15	10	376500	25@12	DFT_16QAM	21.77
n25	15	10	376500	1@1	DFT_16QAM	21.7
n25	15	10	376500	1@50	DFT_16QAM	21.88
n25	15	10	376500	50@0	DFT_64QAM	20.2
n25	15	10	376500	25@12	DFT_64QAM	20.3
n25	15	10	376500	1@1	DFT_64QAM	20.26
n25	15	10	376500	1@50	DFT_64QAM	20.42
n25	15	10	376500	50@0	DFT_256QAM	18.17
n25	15	10	376500	25@12	DFT_256QAM	18.24
n25	15	10	376500	1@1	DFT_256QAM	18.07
n25	15	10	376500	1@50	DFT_256QAM	18.21
n25	15	10	376500	52@0	CP_QPSK	19.74
n25	15	10	376500	26@13	CP_QPSK	21.22
n25	15	10	376500	1@1	CP_QPSK	20.99
n25	15	10	376500	1@50	CP_QPSK	21.16
n25	15	10	382000	50@0	DFT_BPSK	22.31
n25	15	10	382000	25@12	DFT_BPSK	22.82
n25	15	10	382000	1@1	DFT_BPSK	22.65
n25	15	10	382000	1@50	DFT_BPSK	22.88
n25	15	10	382000	50@0	DFT_QPSK	21.84
n25	15	10	382000	25@12	DFT_QPSK	22.84
n25	15	10	382000	1@1	DFT_QPSK	22.56
n25	15	10	382000	1@50	DFT_QPSK	22.71
n25	15	10	382000	50@0	DFT_16QAM	20.79
n25	15	10	382000	25@12	DFT_16QAM	21.85
n25	15	10	382000	1@1	DFT_16QAM	21.81
n25	15	10	382000	1@50	DFT_16QAM	22.26
n25	15	10	382000	50@0	DFT_64QAM	20.3
n25	15	10	382000	25@12	DFT_64QAM	20.34
n25	15	10	382000	1@1	DFT_64QAM	20.37
n25	15	10	382000	1@50	DFT_64QAM	20.75
n25	15	10	382000	50@0	DFT_256QAM	18.27
n25	15	10	382000	25@12	DFT_256QAM	18.26
n25	15	10	382000	1@1	DFT_256QAM	18.1
n25	15	10	382000	1@50	DFT_256QAM	18.39
n25	15	10	382000	52@0	CP_QPSK	19.83
n25	15	10	382000	26@13	CP_QPSK	21.31
n25	15	10	382000	1@1	CP_QPSK	21.09
n25	15	10	382000	1@50	CP_QPSK	21.25
n25	15	15	371500	75@0	DFT_BPSK	22.19
n25	15	15	371500	36@18	DFT_BPSK	22.66
n25	15	15	371500	1@1	DFT_BPSK	22.74
n25	15	15	371500	1@77	DFT_BPSK	22.45
n25	15	15	371500	75@0	DFT_QPSK	21.67
n25	15	15	371500	36@18	DFT_QPSK	22.69
n25	15	15	371500	1@1	DFT_QPSK	22.65

n25	15	15	371500	1@77	DFT_QPSK	22.4
n25	15	15	371500	75@0	DFT_16QAM	20.66
n25	15	15	371500	36@18	DFT_16QAM	21.71
n25	15	15	371500	1@1	DFT_16QAM	21.92
n25	15	15	371500	1@77	DFT_16QAM	21.61
n25	15	15	371500	75@0	DFT_64QAM	20.19
n25	15	15	371500	36@18	DFT_64QAM	20.18
n25	15	15	371500	1@1	DFT_64QAM	20.45
n25	15	15	371500	1@77	DFT_64QAM	20.16
n25	15	15	371500	75@0	DFT_256QAM	18.12
n25	15	15	371500	36@18	DFT_256QAM	18.14
n25	15	15	371500	1@1	DFT_256QAM	18.25
n25	15	15	371500	1@77	DFT_256QAM	18.3
n25	15	15	371500	79@0	CP_QPSK	19.68
n25	15	15	371500	39@19	CP_QPSK	21.18
n25	15	15	371500	1@1	CP_QPSK	21.14
n25	15	15	371500	1@77	CP_QPSK	20.92
n25	15	15	376500	75@0	DFT_BPSK	22.26
n25	15	15	376500	36@18	DFT_BPSK	22.77
n25	15	15	376500	1@1	DFT_BPSK	22.51
n25	15	15	376500	1@77	DFT_BPSK	22.78
n25	15	15	376500	75@0	DFT_QPSK	21.74
n25	15	15	376500	36@18	DFT_QPSK	22.77
n25	15	15	376500	1@1	DFT_QPSK	22.45
n25	15	15	376500	1@77	DFT_QPSK	22.68
n25	15	15	376500	75@0	DFT_16QAM	20.75
n25	15	15	376500	36@18	DFT_16QAM	21.81
n25	15	15	376500	1@1	DFT_16QAM	21.67
n25	15	15	376500	1@77	DFT_16QAM	21.87
n25	15	15	376500	75@0	DFT_64QAM	20.26
n25	15	15	376500	36@18	DFT_64QAM	20.31
n25	15	15	376500	1@1	DFT_64QAM	20.17
n25	15	15	376500	1@77	DFT_64QAM	20.42
n25	15	15	376500	75@0	DFT_256QAM	18.21
n25	15	15	376500	36@18	DFT_256QAM	18.22
n25	15	15	376500	1@1	DFT_256QAM	18.01
n25	15	15	376500	1@77	DFT_256QAM	18.29
n25	15	15	376500	79@0	CP_QPSK	19.79
n25	15	15	376500	39@19	CP_QPSK	21.3
n25	15	15	376500	1@1	CP_QPSK	20.93
n25	15	15	376500	1@77	CP_QPSK	21.15
n25	15	15	381500	75@0	DFT_BPSK	22.32
n25	15	15	381500	36@18	DFT_BPSK	22.8
n25	15	15	381500	1@1	DFT_BPSK	22.71
n25	15	15	381500	1@77	DFT_BPSK	22.91
n25	15	15	381500	75@0	DFT_QPSK	21.83
n25	15	15	381500	36@18	DFT_QPSK	22.81
n25	15	15	381500	1@1	DFT_QPSK	22.61
n25	15	15	381500	1@77	DFT_QPSK	22.76
n25	15	15	381500	75@0	DFT_16QAM	20.83
n25	15	15	381500	36@18	DFT_16QAM	21.83

n25	15	15	381500	1@1	DFT_16QAM	21.87
n25	15	15	381500	1@77	DFT_16QAM	22.26
n25	15	15	381500	75@0	DFT_64QAM	20.39
n25	15	15	381500	36@18	DFT_64QAM	20.32
n25	15	15	381500	1@1	DFT_64QAM	20.44
n25	15	15	381500	1@77	DFT_64QAM	20.76
n25	15	15	381500	75@0	DFT_256QAM	18.31
n25	15	15	381500	36@18	DFT_256QAM	18.25
n25	15	15	381500	1@1	DFT_256QAM	18.22
n25	15	15	381500	1@77	DFT_256QAM	18.42
n25	15	15	381500	79@0	CP_QPSK	19.89
n25	15	15	381500	39@19	CP_QPSK	21.36
n25	15	15	381500	1@1	CP_QPSK	21.11
n25	15	15	381500	1@77	CP_QPSK	21.36
n25	15	20	372000	100@0	DFT_BPSK	22.12
n25	15	20	372000	50@25	DFT_BPSK	22.62
n25	15	20	372000	1@1	DFT_BPSK	22.72
n25	15	20	372000	1@104	DFT_BPSK	22.43
n25	15	20	372000	100@0	DFT_QPSK	21.6
n25	15	20	372000	50@25	DFT_QPSK	22.62
n25	15	20	372000	1@1	DFT_QPSK	22.65
n25	15	20	372000	1@104	DFT_QPSK	22.39
n25	15	20	372000	100@0	DFT_16QAM	20.59
n25	15	20	372000	50@25	DFT_16QAM	21.62
n25	15	20	372000	1@1	DFT_16QAM	21.89
n25	15	20	372000	1@104	DFT_16QAM	21.58
n25	15	20	372000	100@0	DFT_64QAM	20.09
n25	15	20	372000	50@25	DFT_64QAM	20.1
n25	15	20	372000	1@1	DFT_64QAM	20.45
n25	15	20	372000	1@104	DFT_64QAM	20.09
n25	15	20	372000	100@0	DFT_256QAM	18.11
n25	15	20	372000	50@25	DFT_256QAM	18.06
n25	15	20	372000	1@1	DFT_256QAM	18.21
n25	15	20	372000	1@104	DFT_256QAM	17.92
n25	15	20	372000	106@0	CP_QPSK	19.63
n25	15	20	372000	53@26	CP_QPSK	21.13
n25	15	20	372000	1@1	CP_QPSK	21.1
n25	15	20	372000	1@104	CP_QPSK	20.84
n25	15	20	376500	100@0	DFT_BPSK	22.24
n25	15	20	376500	50@25	DFT_BPSK	22.77
n25	15	20	376500	1@1	DFT_BPSK	22.42
n25	15	20	376500	1@104	DFT_BPSK	22.81
n25	15	20	376500	100@0	DFT_QPSK	21.74
n25	15	20	376500	50@25	DFT_QPSK	22.78
n25	15	20	376500	1@1	DFT_QPSK	22.39
n25	15	20	376500	1@104	DFT_QPSK	22.71
n25	15	20	376500	100@0	DFT_16QAM	20.75
n25	15	20	376500	50@25	DFT_16QAM	21.78
n25	15	20	376500	1@1	DFT_16QAM	21.57
n25	15	20	376500	1@104	DFT_16QAM	21.93
n25	15	20	376500	100@0	DFT_64QAM	20.24

n25	15	20	376500	50@25	DFT_64QAM	20.28
n25	15	20	376500	1@1	DFT_64QAM	20.11
n25	15	20	376500	1@104	DFT_64QAM	20.51
n25	15	20	376500	100@0	DFT_256QAM	18.26
n25	15	20	376500	50@25	DFT_256QAM	18.23
n25	15	20	376500	1@1	DFT_256QAM	17.91
n25	15	20	376500	1@104	DFT_256QAM	18.3
n25	15	20	376500	106@0	CP_QPSK	19.76
n25	15	20	376500	53@26	CP_QPSK	21.27
n25	15	20	376500	1@1	CP_QPSK	20.83
n25	15	20	376500	1@104	CP_QPSK	21.19
n25	15	20	381000	100@0	DFT_BPSK	22.33
n25	15	20	381000	50@25	DFT_BPSK	22.84
n25	15	20	381000	1@1	DFT_BPSK	22.77
n25	15	20	381000	1@104	DFT_BPSK	22.96
n25	15	20	381000	100@0	DFT_QPSK	21.87
n25	15	20	381000	50@25	DFT_QPSK	22.82
n25	15	20	381000	1@1	DFT_QPSK	22.66
n25	15	20	381000	1@104	DFT_QPSK	22.79
n25	15	20	381000	100@0	DFT_16QAM	20.85
n25	15	20	381000	50@25	DFT_16QAM	21.84
n25	15	20	381000	1@1	DFT_16QAM	21.94
n25	15	20	381000	1@104	DFT_16QAM	22.31
n25	15	20	381000	100@0	DFT_64QAM	20.39
n25	15	20	381000	50@25	DFT_64QAM	20.36
n25	15	20	381000	1@1	DFT_64QAM	20.52
n25	15	20	381000	1@104	DFT_64QAM	20.83
n25	15	20	381000	100@0	DFT_256QAM	18.37
n25	15	20	381000	50@25	DFT_256QAM	18.29
n25	15	20	381000	1@1	DFT_256QAM	18.29
n25	15	20	381000	1@104	DFT_256QAM	18.23
n25	15	20	381000	106@0	CP_QPSK	19.87
n25	15	20	381000	53@26	CP_QPSK	21.35
n25	15	20	381000	1@1	CP_QPSK	21.16
n25	15	20	381000	1@104	CP_QPSK	21.33

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n26(814-824)	15	5	163300	25@0	DFT_BPSK	22.43
n26(814-824)	15	5	163300	12@6	DFT_BPSK	23.06
n26(814-824)	15	5	163300	1@1	DFT_BPSK	23.05
n26(814-824)	15	5	163300	1@23	DFT_BPSK	22.76
n26(814-824)	15	5	163300	25@0	DFT_QPSK	21.96
n26(814-824)	15	5	163300	12@6	DFT_QPSK	23.03
n26(814-824)	15	5	163300	1@1	DFT_QPSK	22.99
n26(814-824)	15	5	163300	1@23	DFT_QPSK	22.73
n26(814-824)	15	5	163300	25@0	DFT_16QAM	21.07
n26(814-824)	15	5	163300	12@6	DFT_16QAM	21.95
n26(814-824)	15	5	163300	1@1	DFT_16QAM	22.24
n26(814-824)	15	5	163300	1@23	DFT_16QAM	21.92
n26(814-824)	15	5	163300	25@0	DFT_64QAM	20.58
n26(814-824)	15	5	163300	12@6	DFT_64QAM	20.61
n26(814-824)	15	5	163300	1@1	DFT_64QAM	20.77
n26(814-824)	15	5	163300	1@23	DFT_64QAM	20.54
n26(814-824)	15	5	163300	25@0	DFT_256QAM	18.5
n26(814-824)	15	5	163300	12@6	DFT_256QAM	18.53
n26(814-824)	15	5	163300	1@1	DFT_256QAM	18.65
n26(814-824)	15	5	163300	1@23	DFT_256QAM	18.3
n26(814-824)	15	5	163300	25@0	CP_QPSK	20.07
n26(814-824)	15	5	163300	13@6	CP_QPSK	21.45
n26(814-824)	15	5	163300	1@1	CP_QPSK	21.53
n26(814-824)	15	5	163300	1@23	CP_QPSK	21.25
n26(814-824)	15	5	163800	25@0	DFT_BPSK	22.3
n26(814-824)	15	5	163800	12@6	DFT_BPSK	22.82
n26(814-824)	15	5	163800	1@1	DFT_BPSK	22.85
n26(814-824)	15	5	163800	1@23	DFT_BPSK	22.6
n26(814-824)	15	5	163800	25@0	DFT_QPSK	21.83
n26(814-824)	15	5	163800	12@6	DFT_QPSK	22.86
n26(814-824)	15	5	163800	1@1	DFT_QPSK	22.82
n26(814-824)	15	5	163800	1@23	DFT_QPSK	22.56
n26(814-824)	15	5	163800	25@0	DFT_16QAM	20.88
n26(814-824)	15	5	163800	12@6	DFT_16QAM	21.85
n26(814-824)	15	5	163800	1@1	DFT_16QAM	21.98
n26(814-824)	15	5	163800	1@23	DFT_16QAM	21.77
n26(814-824)	15	5	163800	25@0	DFT_64QAM	20.41
n26(814-824)	15	5	163800	12@6	DFT_64QAM	20.48
n26(814-824)	15	5	163800	1@1	DFT_64QAM	20.56
n26(814-824)	15	5	163800	1@23	DFT_64QAM	20.45
n26(814-824)	15	5	163800	25@0	DFT_256QAM	18.34
n26(814-824)	15	5	163800	12@6	DFT_256QAM	18.44
n26(814-824)	15	5	163800	1@1	DFT_256QAM	18.36
n26(814-824)	15	5	163800	1@23	DFT_256QAM	18.17
n26(814-824)	15	5	163800	25@0	CP_QPSK	19.9
n26(814-824)	15	5	163800	13@6	CP_QPSK	21.31
n26(814-824)	15	5	163800	1@1	CP_QPSK	21.33
n26(814-824)	15	5	163800	1@23	CP_QPSK	21.14
n26(814-824)	15	5	164300	25@0	DFT_BPSK	22.21

n26(814-824)	15	5	164300	12@6	DFT_BPSK	22.76
n26(814-824)	15	5	164300	1@1	DFT_BPSK	22.69
n26(814-824)	15	5	164300	1@23	DFT_BPSK	22.56
n26(814-824)	15	5	164300	25@0	DFT_QPSK	21.75
n26(814-824)	15	5	164300	12@6	DFT_QPSK	22.78
n26(814-824)	15	5	164300	1@1	DFT_QPSK	22.61
n26(814-824)	15	5	164300	1@23	DFT_QPSK	22.51
n26(814-824)	15	5	164300	25@0	DFT_16QAM	20.78
n26(814-824)	15	5	164300	12@6	DFT_16QAM	21.66
n26(814-824)	15	5	164300	1@1	DFT_16QAM	21.81
n26(814-824)	15	5	164300	1@23	DFT_16QAM	21.8
n26(814-824)	15	5	164300	25@0	DFT_64QAM	20.36
n26(814-824)	15	5	164300	12@6	DFT_64QAM	20.34
n26(814-824)	15	5	164300	1@1	DFT_64QAM	20.44
n26(814-824)	15	5	164300	1@23	DFT_64QAM	20.47
n26(814-824)	15	5	164300	25@0	DFT_256QAM	18.28
n26(814-824)	15	5	164300	12@6	DFT_256QAM	18.33
n26(814-824)	15	5	164300	1@1	DFT_256QAM	18.7
n26(814-824)	15	5	164300	1@23	DFT_256QAM	18.24
n26(814-824)	15	5	164300	25@0	CP_QPSK	19.83
n26(814-824)	15	5	164300	13@6	CP_QPSK	21.22
n26(814-824)	15	5	164300	1@1	CP_QPSK	21.24
n26(814-824)	15	5	164300	1@23	CP_QPSK	21.18
n26(814-824)	15	10	163800	50@0	DFT_BPSK	22.27
n26(814-824)	15	10	163800	25@12	DFT_BPSK	22.77
n26(814-824)	15	10	163800	1@1	DFT_BPSK	23.05
n26(814-824)	15	10	163800	1@50	DFT_BPSK	22.58
n26(814-824)	15	10	163800	50@0	DFT_QPSK	21.79
n26(814-824)	15	10	163800	25@12	DFT_QPSK	22.78
n26(814-824)	15	10	163800	1@1	DFT_QPSK	22.93
n26(814-824)	15	10	163800	1@50	DFT_QPSK	22.53
n26(814-824)	15	10	163800	50@0	DFT_16QAM	20.82
n26(814-824)	15	10	163800	25@12	DFT_16QAM	21.82
n26(814-824)	15	10	163800	1@1	DFT_16QAM	22.3
n26(814-824)	15	10	163800	1@50	DFT_16QAM	21.77
n26(814-824)	15	10	163800	50@0	DFT_64QAM	20.25
n26(814-824)	15	10	163800	25@12	DFT_64QAM	20.44
n26(814-824)	15	10	163800	1@1	DFT_64QAM	20.78
n26(814-824)	15	10	163800	1@50	DFT_64QAM	20.42
n26(814-824)	15	10	163800	50@0	DFT_256QAM	18.27
n26(814-824)	15	10	163800	25@12	DFT_256QAM	18.31
n26(814-824)	15	10	163800	1@1	DFT_256QAM	18.6
n26(814-824)	15	10	163800	1@50	DFT_256QAM	18.23
n26(814-824)	15	10	163800	52@0	CP_QPSK	19.81
n26(814-824)	15	10	163800	26@13	CP_QPSK	21.34
n26(814-824)	15	10	163800	1@1	CP_QPSK	21.47
n26(814-824)	15	10	163800	1@50	CP_QPSK	21.1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n26(824-849)	15	5	165300	25@0	DFT_BPSK	22.15
n26(824-849)	15	5	165300	12@6	DFT_BPSK	22.65
n26(824-849)	15	5	165300	1@1	DFT_BPSK	22.41
n26(824-849)	15	5	165300	1@23	DFT_BPSK	22.65
n26(824-849)	15	5	165300	25@0	DFT_QPSK	21.64
n26(824-849)	15	5	165300	12@6	DFT_QPSK	22.66
n26(824-849)	15	5	165300	1@1	DFT_QPSK	22.37
n26(824-849)	15	5	165300	1@23	DFT_QPSK	22.63
n26(824-849)	15	5	165300	25@0	DFT_16QAM	20.71
n26(824-849)	15	5	165300	12@6	DFT_16QAM	21.57
n26(824-849)	15	5	165300	1@1	DFT_16QAM	21.58
n26(824-849)	15	5	165300	1@23	DFT_16QAM	21.83
n26(824-849)	15	5	165300	25@0	DFT_64QAM	20.29
n26(824-849)	15	5	165300	12@6	DFT_64QAM	20.25
n26(824-849)	15	5	165300	1@1	DFT_64QAM	20.3
n26(824-849)	15	5	165300	1@23	DFT_64QAM	20.46
n26(824-849)	15	5	165300	25@0	DFT_256QAM	18.1
n26(824-849)	15	5	165300	12@6	DFT_256QAM	18.22
n26(824-849)	15	5	165300	1@1	DFT_256QAM	18.04
n26(824-849)	15	5	165300	1@23	DFT_256QAM	18.24
n26(824-849)	15	5	165300	25@0	CP_QPSK	19.73
n26(824-849)	15	5	165300	13@6	CP_QPSK	21.13
n26(824-849)	15	5	165300	1@1	CP_QPSK	20.99
n26(824-849)	15	5	165300	1@23	CP_QPSK	21.11
n26(824-849)	15	5	167300	25@0	DFT_BPSK	22.74
n26(824-849)	15	5	167300	12@6	DFT_BPSK	23.31
n26(824-849)	15	5	167300	1@1	DFT_BPSK	23.07
n26(824-849)	15	5	167300	1@23	DFT_BPSK	23.24
n26(824-849)	15	5	167300	25@0	DFT_QPSK	22.25
n26(824-849)	15	5	167300	12@6	DFT_QPSK	23.36
n26(824-849)	15	5	167300	1@1	DFT_QPSK	23.04
n26(824-849)	15	5	167300	1@23	DFT_QPSK	23.16
n26(824-849)	15	5	167300	25@0	DFT_16QAM	21.31
n26(824-849)	15	5	167300	12@6	DFT_16QAM	22.26
n26(824-849)	15	5	167300	1@1	DFT_16QAM	22.23
n26(824-849)	15	5	167300	1@23	DFT_16QAM	22.4
n26(824-849)	15	5	167300	25@0	DFT_64QAM	20.84
n26(824-849)	15	5	167300	12@6	DFT_64QAM	20.89
n26(824-849)	15	5	167300	1@1	DFT_64QAM	20.83
n26(824-849)	15	5	167300	1@23	DFT_64QAM	20.96
n26(824-849)	15	5	167300	25@0	DFT_256QAM	18.74
n26(824-849)	15	5	167300	12@6	DFT_256QAM	18.87
n26(824-849)	15	5	167300	1@1	DFT_256QAM	18.61
n26(824-849)	15	5	167300	1@23	DFT_256QAM	18.72
n26(824-849)	15	5	167300	25@0	CP_QPSK	20.33
n26(824-849)	15	5	167300	13@6	CP_QPSK	21.79
n26(824-849)	15	5	167300	1@1	CP_QPSK	21.57
n26(824-849)	15	5	167300	1@23	CP_QPSK	21.67
n26(824-849)	15	5	169300	25@0	DFT_BPSK	22.28

n26(824-849)	15	5	169300	12@6	DFT_BPSK	22.77
n26(824-849)	15	5	169300	1@1	DFT_BPSK	22.84
n26(824-849)	15	5	169300	1@23	DFT_BPSK	22.45
n26(824-849)	15	5	169300	25@0	DFT_QPSK	21.79
n26(824-849)	15	5	169300	12@6	DFT_QPSK	22.8
n26(824-849)	15	5	169300	1@1	DFT_QPSK	22.81
n26(824-849)	15	5	169300	1@23	DFT_QPSK	22.41
n26(824-849)	15	5	169300	25@0	DFT_16QAM	20.77
n26(824-849)	15	5	169300	12@6	DFT_16QAM	21.71
n26(824-849)	15	5	169300	1@1	DFT_16QAM	21.99
n26(824-849)	15	5	169300	1@23	DFT_16QAM	21.53
n26(824-849)	15	5	169300	25@0	DFT_64QAM	20.32
n26(824-849)	15	5	169300	12@6	DFT_64QAM	20.29
n26(824-849)	15	5	169300	1@1	DFT_64QAM	20.46
n26(824-849)	15	5	169300	1@23	DFT_64QAM	20.13
n26(824-849)	15	5	169300	25@0	DFT_256QAM	18.22
n26(824-849)	15	5	169300	12@6	DFT_256QAM	18.29
n26(824-849)	15	5	169300	1@1	DFT_256QAM	18.23
n26(824-849)	15	5	169300	1@23	DFT_256QAM	18.03
n26(824-849)	15	5	169300	25@0	CP_QPSK	19.78
n26(824-849)	15	5	169300	13@6	CP_QPSK	21.18
n26(824-849)	15	5	169300	1@1	CP_QPSK	21.25
n26(824-849)	15	5	169300	1@23	CP_QPSK	20.97
n26(824-849)	15	10	165800	50@0	DFT_BPSK	22.31
n26(824-849)	15	10	165800	25@12	DFT_BPSK	22.79
n26(824-849)	15	10	165800	1@1	DFT_BPSK	22.45
n26(824-849)	15	10	165800	1@50	DFT_BPSK	23.08
n26(824-849)	15	10	165800	50@0	DFT_QPSK	21.79
n26(824-849)	15	10	165800	25@12	DFT_QPSK	22.78
n26(824-849)	15	10	165800	1@1	DFT_QPSK	22.38
n26(824-849)	15	10	165800	1@50	DFT_QPSK	23.05
n26(824-849)	15	10	165800	50@0	DFT_16QAM	20.91
n26(824-849)	15	10	165800	25@12	DFT_16QAM	21.8
n26(824-849)	15	10	165800	1@1	DFT_16QAM	21.65
n26(824-849)	15	10	165800	1@50	DFT_16QAM	22.24
n26(824-849)	15	10	165800	50@0	DFT_64QAM	20.38
n26(824-849)	15	10	165800	25@12	DFT_64QAM	20.4
n26(824-849)	15	10	165800	1@1	DFT_64QAM	20.37
n26(824-849)	15	10	165800	1@50	DFT_64QAM	20.84
n26(824-849)	15	10	165800	50@0	DFT_256QAM	18.34
n26(824-849)	15	10	165800	25@12	DFT_256QAM	18.32
n26(824-849)	15	10	165800	1@1	DFT_256QAM	18.04
n26(824-849)	15	10	165800	1@50	DFT_256QAM	18.64
n26(824-849)	15	10	165800	52@0	CP_QPSK	19.93
n26(824-849)	15	10	165800	26@13	CP_QPSK	21.36
n26(824-849)	15	10	165800	1@1	CP_QPSK	20.97
n26(824-849)	15	10	165800	1@50	CP_QPSK	21.57
n26(824-849)	15	10	167300	50@0	DFT_BPSK	22.71
n26(824-849)	15	10	167300	25@12	DFT_BPSK	23.25
n26(824-849)	15	10	167300	1@1	DFT_BPSK	22.94
n26(824-849)	15	10	167300	1@50	DFT_BPSK	23.19

n26(824-849)	15	10	167300	50@0	DFT_QPSK	22.25
n26(824-849)	15	10	167300	25@12	DFT_QPSK	23.26
n26(824-849)	15	10	167300	1@1	DFT_QPSK	22.88
n26(824-849)	15	10	167300	1@50	DFT_QPSK	23.11
n26(824-849)	15	10	167300	50@0	DFT_16QAM	21.26
n26(824-849)	15	10	167300	25@12	DFT_16QAM	22.27
n26(824-849)	15	10	167300	1@1	DFT_16QAM	22.09
n26(824-849)	15	10	167300	1@50	DFT_16QAM	22.32
n26(824-849)	15	10	167300	50@0	DFT_64QAM	20.72
n26(824-849)	15	10	167300	25@12	DFT_64QAM	20.87
n26(824-849)	15	10	167300	1@1	DFT_64QAM	20.68
n26(824-849)	15	10	167300	1@50	DFT_64QAM	20.89
n26(824-849)	15	10	167300	50@0	DFT_256QAM	18.71
n26(824-849)	15	10	167300	25@12	DFT_256QAM	18.77
n26(824-849)	15	10	167300	1@1	DFT_256QAM	18.49
n26(824-849)	15	10	167300	1@50	DFT_256QAM	18.68
n26(824-849)	15	10	167300	52@0	CP_QPSK	20.29
n26(824-849)	15	10	167300	26@13	CP_QPSK	21.77
n26(824-849)	15	10	167300	1@1	CP_QPSK	21.4
n26(824-849)	15	10	167300	1@50	CP_QPSK	21.63
n26(824-849)	15	10	168800	50@0	DFT_BPSK	22.55
n26(824-849)	15	10	168800	25@12	DFT_BPSK	23.07
n26(824-849)	15	10	168800	1@1	DFT_BPSK	23.18
n26(824-849)	15	10	168800	1@50	DFT_BPSK	22.62
n26(824-849)	15	10	168800	50@0	DFT_QPSK	22.05
n26(824-849)	15	10	168800	25@12	DFT_QPSK	23.05
n26(824-849)	15	10	168800	1@1	DFT_QPSK	23.12
n26(824-849)	15	10	168800	1@50	DFT_QPSK	22.48
n26(824-849)	15	10	168800	50@0	DFT_16QAM	21.03
n26(824-849)	15	10	168800	25@12	DFT_16QAM	22.02
n26(824-849)	15	10	168800	1@1	DFT_16QAM	22.35
n26(824-849)	15	10	168800	1@50	DFT_16QAM	21.63
n26(824-849)	15	10	168800	50@0	DFT_64QAM	20.56
n26(824-849)	15	10	168800	25@12	DFT_64QAM	20.55
n26(824-849)	15	10	168800	1@1	DFT_64QAM	20.93
n26(824-849)	15	10	168800	1@50	DFT_64QAM	20.19
n26(824-849)	15	10	168800	50@0	DFT_256QAM	18.48
n26(824-849)	15	10	168800	25@12	DFT_256QAM	18.5
n26(824-849)	15	10	168800	1@1	DFT_256QAM	18.73
n26(824-849)	15	10	168800	1@50	DFT_256QAM	18.07
n26(824-849)	15	10	168800	52@0	CP_QPSK	20.01
n26(824-849)	15	10	168800	26@13	CP_QPSK	21.45
n26(824-849)	15	10	168800	1@1	CP_QPSK	21.66
n26(824-849)	15	10	168800	1@50	CP_QPSK	20.96
n26(824-849)	15	15	166300	75@0	DFT_BPSK	22.53
n26(824-849)	15	15	166300	36@18	DFT_BPSK	22.94
n26(824-849)	15	15	166300	1@1	DFT_BPSK	22.5
n26(824-849)	15	15	166300	1@77	DFT_BPSK	23.37
n26(824-849)	15	15	166300	75@0	DFT_QPSK	22.06
n26(824-849)	15	15	166300	36@18	DFT_QPSK	22.98
n26(824-849)	15	15	166300	1@1	DFT_QPSK	22.45

n26(824-849)	15	15	166300	1@77	DFT_QPSK	23.33
n26(824-849)	15	15	166300	75@0	DFT_16QAM	21.08
n26(824-849)	15	15	166300	36@18	DFT_16QAM	21.97
n26(824-849)	15	15	166300	1@1	DFT_16QAM	21.71
n26(824-849)	15	15	166300	1@77	DFT_16QAM	22.57
n26(824-849)	15	15	166300	75@0	DFT_64QAM	20.61
n26(824-849)	15	15	166300	36@18	DFT_64QAM	20.55
n26(824-849)	15	15	166300	1@1	DFT_64QAM	20.38
n26(824-849)	15	15	166300	1@77	DFT_64QAM	21.08
n26(824-849)	15	15	166300	75@0	DFT_256QAM	18.54
n26(824-849)	15	15	166300	36@18	DFT_256QAM	18.51
n26(824-849)	15	15	166300	1@1	DFT_256QAM	18.12
n26(824-849)	15	15	166300	1@77	DFT_256QAM	18.84
n26(824-849)	15	15	166300	79@0	CP_QPSK	20.17
n26(824-849)	15	15	166300	39@19	CP_QPSK	21.6
n26(824-849)	15	15	166300	1@1	CP_QPSK	21.01
n26(824-849)	15	15	166300	1@77	CP_QPSK	21.81
n26(824-849)	15	15	167300	75@0	DFT_BPSK	22.66
n26(824-849)	15	15	167300	36@18	DFT_BPSK	23.24
n26(824-849)	15	15	167300	1@1	DFT_BPSK	22.74
n26(824-849)	15	15	167300	1@77	DFT_BPSK	23.07
n26(824-849)	15	15	167300	75@0	DFT_QPSK	22.19
n26(824-849)	15	15	167300	36@18	DFT_QPSK	23.28
n26(824-849)	15	15	167300	1@1	DFT_QPSK	22.7
n26(824-849)	15	15	167300	1@77	DFT_QPSK	23.04
n26(824-849)	15	15	167300	75@0	DFT_16QAM	21.22
n26(824-849)	15	15	167300	36@18	DFT_16QAM	22.27
n26(824-849)	15	15	167300	1@1	DFT_16QAM	21.82
n26(824-849)	15	15	167300	1@77	DFT_16QAM	22.22
n26(824-849)	15	15	167300	75@0	DFT_64QAM	20.73
n26(824-849)	15	15	167300	36@18	DFT_64QAM	20.81
n26(824-849)	15	15	167300	1@1	DFT_64QAM	20.57
n26(824-849)	15	15	167300	1@77	DFT_64QAM	20.7
n26(824-849)	15	15	167300	75@0	DFT_256QAM	18.67
n26(824-849)	15	15	167300	36@18	DFT_256QAM	18.75
n26(824-849)	15	15	167300	1@1	DFT_256QAM	18.31
n26(824-849)	15	15	167300	1@77	DFT_256QAM	18.51
n26(824-849)	15	15	167300	79@0	CP_QPSK	20.24
n26(824-849)	15	15	167300	39@19	CP_QPSK	21.84
n26(824-849)	15	15	167300	1@1	CP_QPSK	21.26
n26(824-849)	15	15	167300	1@77	CP_QPSK	21.43
n26(824-849)	15	15	168300	75@0	DFT_BPSK	22.65
n26(824-849)	15	15	168300	36@18	DFT_BPSK	23.22
n26(824-849)	15	15	168300	1@1	DFT_BPSK	23.14
n26(824-849)	15	15	168300	1@77	DFT_BPSK	22.58
n26(824-849)	15	15	168300	75@0	DFT_QPSK	22.18
n26(824-849)	15	15	168300	36@18	DFT_QPSK	23.23
n26(824-849)	15	15	168300	1@1	DFT_QPSK	23.07
n26(824-849)	15	15	168300	1@77	DFT_QPSK	22.52
n26(824-849)	15	15	168300	75@0	DFT_16QAM	21.14
n26(824-849)	15	15	168300	36@18	DFT_16QAM	22.27

n26(824-849)	15	15	168300	1@1	DFT_16QAM	22.29
n26(824-849)	15	15	168300	1@77	DFT_16QAM	21.68
n26(824-849)	15	15	168300	75@0	DFT_64QAM	20.66
n26(824-849)	15	15	168300	36@18	DFT_64QAM	20.77
n26(824-849)	15	15	168300	1@1	DFT_64QAM	20.86
n26(824-849)	15	15	168300	1@77	DFT_64QAM	20.24
n26(824-849)	15	15	168300	75@0	DFT_256QAM	18.61
n26(824-849)	15	15	168300	36@18	DFT_256QAM	18.72
n26(824-849)	15	15	168300	1@1	DFT_256QAM	18.67
n26(824-849)	15	15	168300	1@77	DFT_256QAM	18.1
n26(824-849)	15	15	168300	79@0	CP_QPSK	20.16
n26(824-849)	15	15	168300	39@19	CP_QPSK	21.7
n26(824-849)	15	15	168300	1@1	CP_QPSK	21.62
n26(824-849)	15	15	168300	1@77	CP_QPSK	21.02
n26(824-849)	15	20	166800	100@0	DFT_BPSK	22.64
n26(824-849)	15	20	166800	50@25	DFT_BPSK	23.22
n26(824-849)	15	20	166800	1@1	DFT_BPSK	22.49
n26(824-849)	15	20	166800	1@104	DFT_BPSK	23.13
n26(824-849)	15	20	166800	100@0	DFT_QPSK	22.15
n26(824-849)	15	20	166800	50@25	DFT_QPSK	23.22
n26(824-849)	15	20	166800	1@1	DFT_QPSK	22.42
n26(824-849)	15	20	166800	1@104	DFT_QPSK	23.1
n26(824-849)	15	20	166800	100@0	DFT_16QAM	21.14
n26(824-849)	15	20	166800	50@25	DFT_16QAM	22.2
n26(824-849)	15	20	166800	1@1	DFT_16QAM	21.69
n26(824-849)	15	20	166800	1@104	DFT_16QAM	22.29
n26(824-849)	15	20	166800	100@0	DFT_64QAM	20.63
n26(824-849)	15	20	166800	50@25	DFT_64QAM	20.71
n26(824-849)	15	20	166800	1@1	DFT_64QAM	20.38
n26(824-849)	15	20	166800	1@104	DFT_64QAM	20.82
n26(824-849)	15	20	166800	100@0	DFT_256QAM	18.61
n26(824-849)	15	20	166800	50@25	DFT_256QAM	18.69
n26(824-849)	15	20	166800	1@1	DFT_256QAM	18.13
n26(824-849)	15	20	166800	1@104	DFT_256QAM	18.59
n26(824-849)	15	20	166800	106@0	CP_QPSK	20.16
n26(824-849)	15	20	166800	53@26	CP_QPSK	21.77
n26(824-849)	15	20	166800	1@1	CP_QPSK	21.01
n26(824-849)	15	20	166800	1@104	CP_QPSK	21.46
n26(824-849)	15	20	167300	100@0	DFT_BPSK	22.6
n26(824-849)	15	20	167300	50@25	DFT_BPSK	23.27
n26(824-849)	15	20	167300	1@1	DFT_BPSK	22.58
n26(824-849)	15	20	167300	1@104	DFT_BPSK	22.86
n26(824-849)	15	20	167300	100@0	DFT_QPSK	22.17
n26(824-849)	15	20	167300	50@25	DFT_QPSK	23.31
n26(824-849)	15	20	167300	1@1	DFT_QPSK	22.53
n26(824-849)	15	20	167300	1@104	DFT_QPSK	22.83
n26(824-849)	15	20	167300	100@0	DFT_16QAM	21.16
n26(824-849)	15	20	167300	50@25	DFT_16QAM	22.28
n26(824-849)	15	20	167300	1@1	DFT_16QAM	21.73
n26(824-849)	15	20	167300	1@104	DFT_16QAM	22.01
n26(824-849)	15	20	167300	100@0	DFT_64QAM	20.6

n26(824-849)	15	20	167300	50@25	DFT_64QAM	20.78
n26(824-849)	15	20	167300	1@1	DFT_64QAM	20.42
n26(824-849)	15	20	167300	1@104	DFT_64QAM	20.56
n26(824-849)	15	20	167300	100@0	DFT_256QAM	18.62
n26(824-849)	15	20	167300	50@25	DFT_256QAM	18.77
n26(824-849)	15	20	167300	1@1	DFT_256QAM	18.19
n26(824-849)	15	20	167300	1@104	DFT_256QAM	18.32
n26(824-849)	15	20	167300	106@0	CP_QPSK	20.12
n26(824-849)	15	20	167300	53@26	CP_QPSK	21.81
n26(824-849)	15	20	167300	1@1	CP_QPSK	21.04
n26(824-849)	15	20	167300	1@104	CP_QPSK	21.25
n26(824-849)	15	20	167800	100@0	DFT_BPSK	22.6
n26(824-849)	15	20	167800	50@25	DFT_BPSK	23.3
n26(824-849)	15	20	167800	1@1	DFT_BPSK	22.71
n26(824-849)	15	20	167800	1@104	DFT_BPSK	22.61
n26(824-849)	15	20	167800	100@0	DFT_QPSK	22.16
n26(824-849)	15	20	167800	50@25	DFT_QPSK	23.3
n26(824-849)	15	20	167800	1@1	DFT_QPSK	22.69
n26(824-849)	15	20	167800	1@104	DFT_QPSK	22.52
n26(824-849)	15	20	167800	100@0	DFT_16QAM	21.1
n26(824-849)	15	20	167800	50@25	DFT_16QAM	22.3
n26(824-849)	15	20	167800	1@1	DFT_16QAM	21.9
n26(824-849)	15	20	167800	1@104	DFT_16QAM	21.73
n26(824-849)	15	20	167800	100@0	DFT_64QAM	20.58
n26(824-849)	15	20	167800	50@25	DFT_64QAM	20.82
n26(824-849)	15	20	167800	1@1	DFT_64QAM	20.57
n26(824-849)	15	20	167800	1@104	DFT_64QAM	20.31
n26(824-849)	15	20	167800	100@0	DFT_256QAM	18.62
n26(824-849)	15	20	167800	50@25	DFT_256QAM	18.3
n26(824-849)	15	20	167800	1@1	DFT_256QAM	18.31
n26(824-849)	15	20	167800	1@104	DFT_256QAM	18.13
n26(824-849)	15	20	167800	106@0	CP_QPSK	20.1
n26(824-849)	15	20	167800	53@26	CP_QPSK	21.8
n26(824-849)	15	20	167800	1@1	CP_QPSK	21.24
n26(824-849)	15	20	167800	1@104	CP_QPSK	21.02

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n38	30	10	515000	24@0	DFT_BPSK	18.47
n38	30	10	515000	12@6	DFT_BPSK	18.97
n38	30	10	515000	1@1	DFT_BPSK	18.81
n38	30	10	515000	1@22	DFT_BPSK	19.07
n38	30	10	515000	24@0	DFT_QPSK	17.93
n38	30	10	515000	12@6	DFT_QPSK	19.03
n38	30	10	515000	1@1	DFT_QPSK	18.92
n38	30	10	515000	1@22	DFT_QPSK	19.16
n38	30	10	515000	24@0	DFT_16QAM	16.98
n38	30	10	515000	12@6	DFT_16QAM	17.94
n38	30	10	515000	1@1	DFT_16QAM	17.7
n38	30	10	515000	1@22	DFT_16QAM	17.93
n38	30	10	515000	24@0	DFT_64QAM	16.49
n38	30	10	515000	12@6	DFT_64QAM	16.51
n38	30	10	515000	1@1	DFT_64QAM	16.37
n38	30	10	515000	1@22	DFT_64QAM	16.63
n38	30	10	515000	24@0	DFT_256QAM	14.44
n38	30	10	515000	12@6	DFT_256QAM	14.63
n38	30	10	515000	1@1	DFT_256QAM	14.36
n38	30	10	515000	1@22	DFT_256QAM	14.63
n38	30	10	515000	24@0	CP_QPSK	15.95
n38	30	10	515000	12@6	CP_QPSK	17.43
n38	30	10	515000	1@1	CP_QPSK	17.47
n38	30	10	515000	1@22	CP_QPSK	17.72
n38	30	10	519000	24@0	DFT_BPSK	18.84
n38	30	10	519000	12@6	DFT_BPSK	19.3
n38	30	10	519000	1@1	DFT_BPSK	19.19
n38	30	10	519000	1@22	DFT_BPSK	19.38
n38	30	10	519000	24@0	DFT_QPSK	18.29
n38	30	10	519000	12@6	DFT_QPSK	19.35
n38	30	10	519000	1@1	DFT_QPSK	19.28
n38	30	10	519000	1@22	DFT_QPSK	19.49
n38	30	10	519000	24@0	DFT_16QAM	17.31
n38	30	10	519000	12@6	DFT_16QAM	18.33
n38	30	10	519000	1@1	DFT_16QAM	18.06
n38	30	10	519000	1@22	DFT_16QAM	18.28
n38	30	10	519000	24@0	DFT_64QAM	16.91
n38	30	10	519000	12@6	DFT_64QAM	16.9
n38	30	10	519000	1@1	DFT_64QAM	16.8
n38	30	10	519000	1@22	DFT_64QAM	16.95
n38	30	10	519000	24@0	DFT_256QAM	14.83
n38	30	10	519000	12@6	DFT_256QAM	15.02
n38	30	10	519000	1@1	DFT_256QAM	14.72
n38	30	10	519000	1@22	DFT_256QAM	14.93
n38	30	10	519000	24@0	CP_QPSK	16.31
n38	30	10	519000	12@6	CP_QPSK	17.77
n38	30	10	519000	1@1	CP_QPSK	17.83
n38	30	10	519000	1@22	CP_QPSK	18.04
n38	30	10	523000	24@0	DFT_BPSK	19.24

n38	30	10	523000	12@6	DFT_BPSK	19.7
n38	30	10	523000	1@1	DFT_BPSK	19.64
n38	30	10	523000	1@22	DFT_BPSK	19.69
n38	30	10	523000	24@0	DFT_QPSK	18.71
n38	30	10	523000	12@6	DFT_QPSK	19.72
n38	30	10	523000	1@1	DFT_QPSK	19.71
n38	30	10	523000	1@22	DFT_QPSK	19.73
n38	30	10	523000	24@0	DFT_16QAM	17.76
n38	30	10	523000	12@6	DFT_16QAM	18.74
n38	30	10	523000	1@1	DFT_16QAM	18.58
n38	30	10	523000	1@22	DFT_16QAM	18.61
n38	30	10	523000	24@0	DFT_64QAM	17.3
n38	30	10	523000	12@6	DFT_64QAM	17.29
n38	30	10	523000	1@1	DFT_64QAM	17.18
n38	30	10	523000	1@22	DFT_64QAM	17.29
n38	30	10	523000	24@0	DFT_256QAM	15.16
n38	30	10	523000	12@6	DFT_256QAM	15.47
n38	30	10	523000	1@1	DFT_256QAM	15.18
n38	30	10	523000	1@22	DFT_256QAM	15.2
n38	30	10	523000	24@0	CP_QPSK	16.72
n38	30	10	523000	12@6	CP_QPSK	18.15
n38	30	10	523000	1@1	CP_QPSK	18.24
n38	30	10	523000	1@22	CP_QPSK	18.23
n38	30	15	515500	36@0	DFT_BPSK	18.58
n38	30	15	515500	18@9	DFT_BPSK	19.17
n38	30	15	515500	1@1	DFT_BPSK	18.84
n38	30	15	515500	1@36	DFT_BPSK	19.23
n38	30	15	515500	36@0	DFT_QPSK	18.1
n38	30	15	515500	18@9	DFT_QPSK	19.1
n38	30	15	515500	1@1	DFT_QPSK	18.93
n38	30	15	515500	1@36	DFT_QPSK	19.29
n38	30	15	515500	36@0	DFT_16QAM	17.14
n38	30	15	515500	18@9	DFT_16QAM	18.08
n38	30	15	515500	1@1	DFT_16QAM	17.68
n38	30	15	515500	1@36	DFT_16QAM	18.05
n38	30	15	515500	36@0	DFT_64QAM	16.56
n38	30	15	515500	18@9	DFT_64QAM	16.69
n38	30	15	515500	1@1	DFT_64QAM	16.47
n38	30	15	515500	1@36	DFT_64QAM	16.85
n38	30	15	515500	36@0	DFT_256QAM	14.51
n38	30	15	515500	18@9	DFT_256QAM	14.63
n38	30	15	515500	1@1	DFT_256QAM	14.41
n38	30	15	515500	1@36	DFT_256QAM	14.8
n38	30	15	515500	38@0	CP_QPSK	16.08
n38	30	15	515500	19@9	CP_QPSK	17.59
n38	30	15	515500	1@1	CP_QPSK	17.45
n38	30	15	515500	1@36	CP_QPSK	17.81
n38	30	15	519000	36@0	DFT_BPSK	18.9
n38	30	15	519000	18@9	DFT_BPSK	19.42
n38	30	15	519000	1@1	DFT_BPSK	19.23
n38	30	15	519000	1@36	DFT_BPSK	19.52

n38	30	15	519000	36@0	DFT_QPSK	18.39
n38	30	15	519000	18@9	DFT_QPSK	19.43
n38	30	15	519000	1@1	DFT_QPSK	19.26
n38	30	15	519000	1@36	DFT_QPSK	19.6
n38	30	15	519000	36@0	DFT_16QAM	17.42
n38	30	15	519000	18@9	DFT_16QAM	18.36
n38	30	15	519000	1@1	DFT_16QAM	18.01
n38	30	15	519000	1@36	DFT_16QAM	18.34
n38	30	15	519000	36@0	DFT_64QAM	16.88
n38	30	15	519000	18@9	DFT_64QAM	16.97
n38	30	15	519000	1@1	DFT_64QAM	16.8
n38	30	15	519000	1@36	DFT_64QAM	17.1
n38	30	15	519000	36@0	DFT_256QAM	14.86
n38	30	15	519000	18@9	DFT_256QAM	14.86
n38	30	15	519000	1@1	DFT_256QAM	14.72
n38	30	15	519000	1@36	DFT_256QAM	15.07
n38	30	15	519000	38@0	CP_QPSK	16.35
n38	30	15	519000	19@9	CP_QPSK	17.9
n38	30	15	519000	1@1	CP_QPSK	17.78
n38	30	15	519000	1@36	CP_QPSK	18.11
n38	30	15	522500	36@0	DFT_BPSK	19.3
n38	30	15	522500	18@9	DFT_BPSK	19.83
n38	30	15	522500	1@1	DFT_BPSK	19.65
n38	30	15	522500	1@36	DFT_BPSK	19.78
n38	30	15	522500	36@0	DFT_QPSK	18.79
n38	30	15	522500	18@9	DFT_QPSK	19.83
n38	30	15	522500	1@1	DFT_QPSK	19.73
n38	30	15	522500	1@36	DFT_QPSK	19.82
n38	30	15	522500	36@0	DFT_16QAM	17.81
n38	30	15	522500	18@9	DFT_16QAM	18.75
n38	30	15	522500	1@1	DFT_16QAM	18.45
n38	30	15	522500	1@36	DFT_16QAM	18.58
n38	30	15	522500	36@0	DFT_64QAM	17.25
n38	30	15	522500	18@9	DFT_64QAM	17.38
n38	30	15	522500	1@1	DFT_64QAM	17.24
n38	30	15	522500	1@36	DFT_64QAM	17.35
n38	30	15	522500	36@0	DFT_256QAM	15.27
n38	30	15	522500	18@9	DFT_256QAM	15.32
n38	30	15	522500	1@1	DFT_256QAM	15.2
n38	30	15	522500	1@36	DFT_256QAM	15.3
n38	30	15	522500	38@0	CP_QPSK	16.72
n38	30	15	522500	19@9	CP_QPSK	18.28
n38	30	15	522500	1@1	CP_QPSK	18.23
n38	30	15	522500	1@36	CP_QPSK	18.3
n38	30	20	516000	50@0	DFT_BPSK	18.71
n38	30	20	516000	25@12	DFT_BPSK	19.17
n38	30	20	516000	1@1	DFT_BPSK	18.89
n38	30	20	516000	1@49	DFT_BPSK	19.34
n38	30	20	516000	50@0	DFT_QPSK	18.2
n38	30	20	516000	25@12	DFT_QPSK	19.21
n38	30	20	516000	1@1	DFT_QPSK	18.93

n38	30	20	516000	1@49	DFT_QPSK	19.38
n38	30	20	516000	50@0	DFT_16QAM	17.13
n38	30	20	516000	25@12	DFT_16QAM	18.16
n38	30	20	516000	1@1	DFT_16QAM	17.72
n38	30	20	516000	1@49	DFT_16QAM	18.17
n38	30	20	516000	50@0	DFT_64QAM	16.63
n38	30	20	516000	25@12	DFT_64QAM	16.67
n38	30	20	516000	1@1	DFT_64QAM	16.47
n38	30	20	516000	1@49	DFT_64QAM	16.94
n38	30	20	516000	50@0	DFT_256QAM	14.59
n38	30	20	516000	25@12	DFT_256QAM	14.66
n38	30	20	516000	1@1	DFT_256QAM	14.43
n38	30	20	516000	1@49	DFT_256QAM	14.89
n38	30	20	516000	51@0	CP_QPSK	16.17
n38	30	20	516000	25@12	CP_QPSK	17.68
n38	30	20	516000	1@1	CP_QPSK	17.46
n38	30	20	516000	1@49	CP_QPSK	17.91
n38	30	20	519000	50@0	DFT_BPSK	18.95
n38	30	20	519000	25@12	DFT_BPSK	19.38
n38	30	20	519000	1@1	DFT_BPSK	19.2
n38	30	20	519000	1@49	DFT_BPSK	19.67
n38	30	20	519000	50@0	DFT_QPSK	18.43
n38	30	20	519000	25@12	DFT_QPSK	19.44
n38	30	20	519000	1@1	DFT_QPSK	19.25
n38	30	20	519000	1@49	DFT_QPSK	19.7
n38	30	20	519000	50@0	DFT_16QAM	17.39
n38	30	20	519000	25@12	DFT_16QAM	18.41
n38	30	20	519000	1@1	DFT_16QAM	18.06
n38	30	20	519000	1@49	DFT_16QAM	18.52
n38	30	20	519000	50@0	DFT_64QAM	16.86
n38	30	20	519000	25@12	DFT_64QAM	16.88
n38	30	20	519000	1@1	DFT_64QAM	16.8
n38	30	20	519000	1@49	DFT_64QAM	17.26
n38	30	20	519000	50@0	DFT_256QAM	14.86
n38	30	20	519000	25@12	DFT_256QAM	14.86
n38	30	20	519000	1@1	DFT_256QAM	14.76
n38	30	20	519000	1@49	DFT_256QAM	15.2
n38	30	20	519000	51@0	CP_QPSK	16.46
n38	30	20	519000	25@12	CP_QPSK	17.92
n38	30	20	519000	1@1	CP_QPSK	17.78
n38	30	20	519000	1@49	CP_QPSK	18.19
n38	30	20	522000	50@0	DFT_BPSK	19.28
n38	30	20	522000	25@12	DFT_BPSK	19.83
n38	30	20	522000	1@1	DFT_BPSK	19.53
n38	30	20	522000	1@49	DFT_BPSK	19.78
n38	30	20	522000	50@0	DFT_QPSK	18.68
n38	30	20	522000	25@12	DFT_QPSK	19.83
n38	30	20	522000	1@1	DFT_QPSK	19.58
n38	30	20	522000	1@49	DFT_QPSK	19.8
n38	30	20	522000	50@0	DFT_16QAM	17.67
n38	30	20	522000	25@12	DFT_16QAM	18.78

n38	30	20	522000	1@1	DFT_16QAM	18.38
n38	30	20	522000	1@49	DFT_16QAM	18.73
n38	30	20	522000	50@0	DFT_64QAM	17.19
n38	30	20	522000	25@12	DFT_64QAM	17.28
n38	30	20	522000	1@1	DFT_64QAM	17.09
n38	30	20	522000	1@49	DFT_64QAM	17.26
n38	30	20	522000	50@0	DFT_256QAM	15.2
n38	30	20	522000	25@12	DFT_256QAM	15.28
n38	30	20	522000	1@1	DFT_256QAM	15.09
n38	30	20	522000	1@49	DFT_256QAM	15.33
n38	30	20	522000	51@0	CP_QPSK	16.76
n38	30	20	522000	25@12	CP_QPSK	18.3
n38	30	20	522000	1@1	CP_QPSK	18.1
n38	30	20	522000	1@49	CP_QPSK	18.32
n38	30	40	518000	100@0	DFT_BPSK	18.87
n38	30	40	518000	50@25	DFT_BPSK	19.37
n38	30	40	518000	1@1	DFT_BPSK	18.85
n38	30	40	518000	1@104	DFT_BPSK	19.69
n38	30	40	518000	100@0	DFT_QPSK	18.35
n38	30	40	518000	50@25	DFT_QPSK	19.37
n38	30	40	518000	1@1	DFT_QPSK	18.89
n38	30	40	518000	1@104	DFT_QPSK	19.75
n38	30	40	518000	100@0	DFT_16QAM	17.32
n38	30	40	518000	50@25	DFT_16QAM	18.3
n38	30	40	518000	1@1	DFT_16QAM	17.67
n38	30	40	518000	1@104	DFT_16QAM	18.53
n38	30	40	518000	100@0	DFT_64QAM	16.85
n38	30	40	518000	50@25	DFT_64QAM	16.85
n38	30	40	518000	1@1	DFT_64QAM	16.4
n38	30	40	518000	1@104	DFT_64QAM	17.28
n38	30	40	518000	100@0	DFT_256QAM	14.84
n38	30	40	518000	50@25	DFT_256QAM	14.83
n38	30	40	518000	1@1	DFT_256QAM	15.23
n38	30	40	518000	1@104	DFT_256QAM	15.27
n38	30	40	518000	106@0	CP_QPSK	16.4
n38	30	40	518000	53@26	CP_QPSK	17.94
n38	30	40	518000	1@1	CP_QPSK	17.42
n38	30	40	518000	1@104	CP_QPSK	18.21
n38	30	40	519000	100@0	DFT_BPSK	18.69
n38	30	40	519000	50@25	DFT_BPSK	19.45
n38	30	40	519000	1@1	DFT_BPSK	19.01
n38	30	40	519000	1@104	DFT_BPSK	19.85
n38	30	40	519000	100@0	DFT_QPSK	18.44
n38	30	40	519000	50@25	DFT_QPSK	19.45
n38	30	40	519000	1@1	DFT_QPSK	19
n38	30	40	519000	1@104	DFT_QPSK	19.84
n38	30	40	519000	100@0	DFT_16QAM	17.45
n38	30	40	519000	50@25	DFT_16QAM	18.4
n38	30	40	519000	1@1	DFT_16QAM	17.78
n38	30	40	519000	1@104	DFT_16QAM	18.73
n38	30	40	519000	100@0	DFT_64QAM	16.95

n38	30	40	519000	50@25	DFT_64QAM	16.95
n38	30	40	519000	1@1	DFT_64QAM	16.61
n38	30	40	519000	1@104	DFT_64QAM	16.23
n38	30	40	519000	100@0	DFT_256QAM	14.42
n38	30	40	519000	50@25	DFT_256QAM	14.92
n38	30	40	519000	1@1	DFT_256QAM	14.48
n38	30	40	519000	1@104	DFT_256QAM	15.36
n38	30	40	519000	106@0	CP_QPSK	16.46
n38	30	40	519000	53@26	CP_QPSK	17.99
n38	30	40	519000	1@1	CP_QPSK	17.55
n38	30	40	519000	1@104	CP_QPSK	18.37
n38	30	40	520000	100@0	DFT_BPSK	19.09
n38	30	40	520000	50@25	DFT_BPSK	19.62
n38	30	40	520000	1@1	DFT_BPSK	19.12
n38	30	40	520000	1@104	DFT_BPSK	19.82
n38	30	40	520000	100@0	DFT_QPSK	18.6
n38	30	40	520000	50@25	DFT_QPSK	19.57
n38	30	40	520000	1@1	DFT_QPSK	19.2
n38	30	40	520000	1@104	DFT_QPSK	19.88
n38	30	40	520000	100@0	DFT_16QAM	17.54
n38	30	40	520000	50@25	DFT_16QAM	18.55
n38	30	40	520000	1@1	DFT_16QAM	17.99
n38	30	40	520000	1@104	DFT_16QAM	18.63
n38	30	40	520000	100@0	DFT_64QAM	17.54
n38	30	40	520000	50@25	DFT_64QAM	17.08
n38	30	40	520000	1@1	DFT_64QAM	16.7
n38	30	40	520000	1@104	DFT_64QAM	17.43
n38	30	40	520000	100@0	DFT_256QAM	15.08
n38	30	40	520000	50@25	DFT_256QAM	15.03
n38	30	40	520000	1@1	DFT_256QAM	14.67
n38	30	40	520000	1@104	DFT_256QAM	15.35
n38	30	40	520000	106@0	CP_QPSK	16.6
n38	30	40	520000	53@26	CP_QPSK	18.13
n38	30	40	520000	1@1	CP_QPSK	17.69
n38	30	40	520000	1@104	CP_QPSK	18.35

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n41	30	10	500202	24@0	DFT_BPSK	17.96
n41	30	10	500202	12@6	DFT_BPSK	18.38
n41	30	10	500202	1@1	DFT_BPSK	18.39
n41	30	10	500202	1@22	DFT_BPSK	18.29
n41	30	10	500202	24@0	DFT_QPSK	17.42
n41	30	10	500202	12@6	DFT_QPSK	18.44
n41	30	10	500202	1@1	DFT_QPSK	18.48
n41	30	10	500202	1@22	DFT_QPSK	18.42
n41	30	10	500202	24@0	DFT_16QAM	16.47
n41	30	10	500202	12@6	DFT_16QAM	17.42
n41	30	10	500202	1@1	DFT_16QAM	17.26
n41	30	10	500202	1@22	DFT_16QAM	17.21
n41	30	10	500202	24@0	DFT_64QAM	16.04
n41	30	10	500202	12@6	DFT_64QAM	16.01
n41	30	10	500202	1@1	DFT_64QAM	16.01
n41	30	10	500202	1@22	DFT_64QAM	15.88
n41	30	10	500202	24@0	DFT_256QAM	13.97
n41	30	10	500202	12@6	DFT_256QAM	14.11
n41	30	10	500202	1@1	DFT_256QAM	13.94
n41	30	10	500202	1@22	DFT_256QAM	13.88
n41	30	10	500202	24@0	CP_QPSK	15.45
n41	30	10	500202	12@6	CP_QPSK	16.86
n41	30	10	500202	1@1	CP_QPSK	17
n41	30	10	500202	1@22	CP_QPSK	16.92
n41	30	10	518598	24@0	DFT_BPSK	18.41
n41	30	10	518598	12@6	DFT_BPSK	18.86
n41	30	10	518598	1@1	DFT_BPSK	18.75
n41	30	10	518598	1@22	DFT_BPSK	18.94
n41	30	10	518598	24@0	DFT_QPSK	17.83
n41	30	10	518598	12@6	DFT_QPSK	18.87
n41	30	10	518598	1@1	DFT_QPSK	18.83
n41	30	10	518598	1@22	DFT_QPSK	19.04
n41	30	10	518598	24@0	DFT_16QAM	16.93
n41	30	10	518598	12@6	DFT_16QAM	17.84
n41	30	10	518598	1@1	DFT_16QAM	17.62
n41	30	10	518598	1@22	DFT_16QAM	17.81
n41	30	10	518598	24@0	DFT_64QAM	16.41
n41	30	10	518598	12@6	DFT_64QAM	16.44
n41	30	10	518598	1@1	DFT_64QAM	16.3
n41	30	10	518598	1@22	DFT_64QAM	16.5
n41	30	10	518598	24@0	DFT_256QAM	14.38
n41	30	10	518598	12@6	DFT_256QAM	14.58
n41	30	10	518598	1@1	DFT_256QAM	14.26
n41	30	10	518598	1@22	DFT_256QAM	14.44
n41	30	10	518598	24@0	CP_QPSK	15.87
n41	30	10	518598	12@6	CP_QPSK	17.31
n41	30	10	518598	1@1	CP_QPSK	17.42
n41	30	10	518598	1@22	CP_QPSK	17.6
n41	30	10	537000	24@0	DFT_BPSK	18.6

n41	30	10	537000	12@6	DFT_BPSK	19.04
n41	30	10	537000	1@1	DFT_BPSK	19.04
n41	30	10	537000	1@22	DFT_BPSK	19.14
n41	30	10	537000	24@0	DFT_QPSK	18.06
n41	30	10	537000	12@6	DFT_QPSK	19.11
n41	30	10	537000	1@1	DFT_QPSK	19.08
n41	30	10	537000	1@22	DFT_QPSK	19.25
n41	30	10	537000	24@0	DFT_16QAM	17.21
n41	30	10	537000	12@6	DFT_16QAM	18.1
n41	30	10	537000	1@1	DFT_16QAM	17.88
n41	30	10	537000	1@22	DFT_16QAM	18.03
n41	30	10	537000	24@0	DFT_64QAM	16.63
n41	30	10	537000	12@6	DFT_64QAM	16.73
n41	30	10	537000	1@1	DFT_64QAM	16.61
n41	30	10	537000	1@22	DFT_64QAM	16.76
n41	30	10	537000	24@0	DFT_256QAM	14.64
n41	30	10	537000	12@6	DFT_256QAM	14.83
n41	30	10	537000	1@1	DFT_256QAM	14.59
n41	30	10	537000	1@22	DFT_256QAM	14.74
n41	30	10	537000	24@0	CP_QPSK	16.08
n41	30	10	537000	12@6	CP_QPSK	17.57
n41	30	10	537000	1@1	CP_QPSK	17.67
n41	30	10	537000	1@22	CP_QPSK	17.78
n41	30	15	500700	36@0	DFT_BPSK	18
n41	30	15	500700	18@9	DFT_BPSK	18.52
n41	30	15	500700	1@1	DFT_BPSK	18.46
n41	30	15	500700	1@36	DFT_BPSK	18.43
n41	30	15	500700	36@0	DFT_QPSK	17.49
n41	30	15	500700	18@9	DFT_QPSK	18.51
n41	30	15	500700	1@1	DFT_QPSK	18.53
n41	30	15	500700	1@36	DFT_QPSK	18.48
n41	30	15	500700	36@0	DFT_16QAM	16.53
n41	30	15	500700	18@9	DFT_16QAM	17.49
n41	30	15	500700	1@1	DFT_16QAM	17.29
n41	30	15	500700	1@36	DFT_16QAM	17.24
n41	30	15	500700	36@0	DFT_64QAM	15.97
n41	30	15	500700	18@9	DFT_64QAM	16.03
n41	30	15	500700	1@1	DFT_64QAM	15.99
n41	30	15	500700	1@36	DFT_64QAM	15.97
n41	30	15	500700	36@0	DFT_256QAM	13.94
n41	30	15	500700	18@9	DFT_256QAM	14.04
n41	30	15	500700	1@1	DFT_256QAM	14
n41	30	15	500700	1@36	DFT_256QAM	13.95
n41	30	15	500700	38@0	CP_QPSK	15.43
n41	30	15	500700	19@9	CP_QPSK	16.97
n41	30	15	500700	1@1	CP_QPSK	17.03
n41	30	15	500700	1@36	CP_QPSK	16.97
n41	30	15	518598	36@0	DFT_BPSK	18.37
n41	30	15	518598	18@9	DFT_BPSK	18.95
n41	30	15	518598	1@1	DFT_BPSK	18.75
n41	30	15	518598	1@36	DFT_BPSK	19.03

n41	30	15	518598	36@0	DFT_QPSK	17.92
n41	30	15	518598	18@9	DFT_QPSK	18.95
n41	30	15	518598	1@1	DFT_QPSK	18.8
n41	30	15	518598	1@36	DFT_QPSK	19.11
n41	30	15	518598	36@0	DFT_16QAM	16.91
n41	30	15	518598	18@9	DFT_16QAM	17.9
n41	30	15	518598	1@1	DFT_16QAM	17.56
n41	30	15	518598	1@36	DFT_16QAM	17.87
n41	30	15	518598	36@0	DFT_64QAM	16.37
n41	30	15	518598	18@9	DFT_64QAM	16.47
n41	30	15	518598	1@1	DFT_64QAM	16.29
n41	30	15	518598	1@36	DFT_64QAM	16.57
n41	30	15	518598	36@0	DFT_256QAM	14.35
n41	30	15	518598	18@9	DFT_256QAM	14.43
n41	30	15	518598	1@1	DFT_256QAM	14.26
n41	30	15	518598	1@36	DFT_256QAM	14.56
n41	30	15	518598	38@0	CP_QPSK	15.91
n41	30	15	518598	19@9	CP_QPSK	17.39
n41	30	15	518598	1@1	CP_QPSK	17.34
n41	30	15	518598	1@36	CP_QPSK	17.61
n41	30	15	536496	36@0	DFT_BPSK	18.64
n41	30	15	536496	18@9	DFT_BPSK	19.08
n41	30	15	536496	1@1	DFT_BPSK	19.12
n41	30	15	536496	1@36	DFT_BPSK	19.14
n41	30	15	536496	36@0	DFT_QPSK	18.14
n41	30	15	536496	18@9	DFT_QPSK	19.17
n41	30	15	536496	1@1	DFT_QPSK	19.13
n41	30	15	536496	1@36	DFT_QPSK	19.24
n41	30	15	536496	36@0	DFT_16QAM	17.2
n41	30	15	536496	18@9	DFT_16QAM	18.08
n41	30	15	536496	1@1	DFT_16QAM	17.89
n41	30	15	536496	1@36	DFT_16QAM	18
n41	30	15	536496	36@0	DFT_64QAM	16.61
n41	30	15	536496	18@9	DFT_64QAM	16.62
n41	30	15	536496	1@1	DFT_64QAM	16.67
n41	30	15	536496	1@36	DFT_64QAM	16.78
n41	30	15	536496	36@0	DFT_256QAM	14.58
n41	30	15	536496	18@9	DFT_256QAM	14.62
n41	30	15	536496	1@1	DFT_256QAM	14.64
n41	30	15	536496	1@36	DFT_256QAM	14.76
n41	30	15	536496	38@0	CP_QPSK	16.1
n41	30	15	536496	19@9	CP_QPSK	17.59
n41	30	15	536496	1@1	CP_QPSK	17.62
n41	30	15	536496	1@36	CP_QPSK	17.71
n41	30	20	501204	50@0	DFT_BPSK	17.99
n41	30	20	501204	25@12	DFT_BPSK	18.45
n41	30	20	501204	1@1	DFT_BPSK	18.45
n41	30	20	501204	1@49	DFT_BPSK	18.5
n41	30	20	501204	50@0	DFT_QPSK	17.47
n41	30	20	501204	25@12	DFT_QPSK	18.48
n41	30	20	501204	1@1	DFT_QPSK	18.46

n41	30	20	501204	1@49	DFT_QPSK	18.56
n41	30	20	501204	50@0	DFT_16QAM	16.42
n41	30	20	501204	25@12	DFT_16QAM	17.48
n41	30	20	501204	1@1	DFT_16QAM	17.27
n41	30	20	501204	1@49	DFT_16QAM	17.32
n41	30	20	501204	50@0	DFT_64QAM	15.92
n41	30	20	501204	25@12	DFT_64QAM	15.92
n41	30	20	501204	1@1	DFT_64QAM	16.02
n41	30	20	501204	1@49	DFT_64QAM	16.07
n41	30	20	501204	50@0	DFT_256QAM	13.93
n41	30	20	501204	25@12	DFT_256QAM	13.98
n41	30	20	501204	1@1	DFT_256QAM	13.97
n41	30	20	501204	1@49	DFT_256QAM	14.05
n41	30	20	501204	51@0	CP_QPSK	15.52
n41	30	20	501204	25@12	CP_QPSK	16.98
n41	30	20	501204	1@1	CP_QPSK	16.98
n41	30	20	501204	1@49	CP_QPSK	17.06
n41	30	20	518598	50@0	DFT_BPSK	18.46
n41	30	20	518598	25@12	DFT_BPSK	18.91
n41	30	20	518598	1@1	DFT_BPSK	18.73
n41	30	20	518598	1@49	DFT_BPSK	19.11
n41	30	20	518598	50@0	DFT_QPSK	17.92
n41	30	20	518598	25@12	DFT_QPSK	18.95
n41	30	20	518598	1@1	DFT_QPSK	18.74
n41	30	20	518598	1@49	DFT_QPSK	19.15
n41	30	20	518598	50@0	DFT_16QAM	16.86
n41	30	20	518598	25@12	DFT_16QAM	17.87
n41	30	20	518598	1@1	DFT_16QAM	17.58
n41	30	20	518598	1@49	DFT_16QAM	17.96
n41	30	20	518598	50@0	DFT_64QAM	16.4
n41	30	20	518598	25@12	DFT_64QAM	16.38
n41	30	20	518598	1@1	DFT_64QAM	16.29
n41	30	20	518598	1@49	DFT_64QAM	16.7
n41	30	20	518598	50@0	DFT_256QAM	14.34
n41	30	20	518598	25@12	DFT_256QAM	14.41
n41	30	20	518598	1@1	DFT_256QAM	14.26
n41	30	20	518598	1@49	DFT_256QAM	14.66
n41	30	20	518598	51@0	CP_QPSK	15.93
n41	30	20	518598	25@12	CP_QPSK	17.39
n41	30	20	518598	1@1	CP_QPSK	17.3
n41	30	20	518598	1@49	CP_QPSK	17.68
n41	30	20	535998	50@0	DFT_BPSK	18.71
n41	30	20	535998	25@12	DFT_BPSK	19.14
n41	30	20	535998	1@1	DFT_BPSK	19.26
n41	30	20	535998	1@49	DFT_BPSK	19.21
n41	30	20	535998	50@0	DFT_QPSK	18.23
n41	30	20	535998	25@12	DFT_QPSK	19.16
n41	30	20	535998	1@1	DFT_QPSK	19.3
n41	30	20	535998	1@49	DFT_QPSK	19.23
n41	30	20	535998	50@0	DFT_16QAM	17.13
n41	30	20	535998	25@12	DFT_16QAM	18.11

n41	30	20	535998	1@1	DFT_16QAM	18.09
n41	30	20	535998	1@49	DFT_16QAM	17.99
n41	30	20	535998	50@0	DFT_64QAM	16.63
n41	30	20	535998	25@12	DFT_64QAM	16.6
n41	30	20	535998	1@1	DFT_64QAM	16.9
n41	30	20	535998	1@49	DFT_64QAM	16.79
n41	30	20	535998	50@0	DFT_256QAM	14.65
n41	30	20	535998	25@12	DFT_256QAM	14.64
n41	30	20	535998	1@1	DFT_256QAM	14.86
n41	30	20	535998	1@49	DFT_256QAM	14.79
n41	30	20	535998	51@0	CP_QPSK	16.22
n41	30	20	535998	25@12	CP_QPSK	17.65
n41	30	20	535998	1@1	CP_QPSK	17.82
n41	30	20	535998	1@49	CP_QPSK	17.75
n41	30	30	502200	75@0	DFT_BPSK	18
n41	30	30	502200	36@18	DFT_BPSK	18.5
n41	30	30	502200	1@1	DFT_BPSK	18.37
n41	30	30	502200	1@76	DFT_BPSK	18.56
n41	30	30	502200	75@0	DFT_QPSK	17.49
n41	30	30	502200	36@18	DFT_QPSK	18.46
n41	30	30	502200	1@1	DFT_QPSK	18.44
n41	30	30	502200	1@76	DFT_QPSK	18.64
n41	30	30	502200	75@0	DFT_16QAM	16.48
n41	30	30	502200	36@18	DFT_16QAM	17.51
n41	30	30	502200	1@1	DFT_16QAM	17.22
n41	30	30	502200	1@76	DFT_16QAM	17.41
n41	30	30	502200	75@0	DFT_64QAM	16.01
n41	30	30	502200	36@18	DFT_64QAM	15.98
n41	30	30	502200	1@1	DFT_64QAM	15.94
n41	30	30	502200	1@76	DFT_64QAM	16.2
n41	30	30	502200	75@0	DFT_256QAM	13.96
n41	30	30	502200	36@18	DFT_256QAM	13.91
n41	30	30	502200	1@1	DFT_256QAM	13.93
n41	30	30	502200	1@76	DFT_256QAM	14.11
n41	30	30	502200	78@0	CP_QPSK	15.52
n41	30	30	502200	39@19	CP_QPSK	17.02
n41	30	30	502200	1@1	CP_QPSK	16.94
n41	30	30	502200	1@76	CP_QPSK	17.14
n41	30	30	518598	75@0	DFT_BPSK	18.46
n41	30	30	518598	36@18	DFT_BPSK	18.93
n41	30	30	518598	1@1	DFT_BPSK	18.59
n41	30	30	518598	1@76	DFT_BPSK	19.23
n41	30	30	518598	75@0	DFT_QPSK	17.95
n41	30	30	518598	36@18	DFT_QPSK	18.93
n41	30	30	518598	1@1	DFT_QPSK	18.67
n41	30	30	518598	1@76	DFT_QPSK	19.32
n41	30	30	518598	75@0	DFT_16QAM	16.92
n41	30	30	518598	36@18	DFT_16QAM	17.98
n41	30	30	518598	1@1	DFT_16QAM	17.44
n41	30	30	518598	1@76	DFT_16QAM	18.06
n41	30	30	518598	75@0	DFT_64QAM	16.45

n41	30	30	518598	36@18	DFT_64QAM	16.39
n41	30	30	518598	1@1	DFT_64QAM	16.24
n41	30	30	518598	1@76	DFT_64QAM	16.88
n41	30	30	518598	75@0	DFT_256QAM	14.43
n41	30	30	518598	36@18	DFT_256QAM	14.36
n41	30	30	518598	1@1	DFT_256QAM	14.15
n41	30	30	518598	1@76	DFT_256QAM	14.81
n41	30	30	518598	78@0	CP_QPSK	15.95
n41	30	30	518598	39@19	CP_QPSK	17.47
n41	30	30	518598	1@1	CP_QPSK	17.23
n41	30	30	518598	1@76	CP_QPSK	17.81
n41	30	30	534996	75@0	DFT_BPSK	18.93
n41	30	30	534996	36@18	DFT_BPSK	19.45
n41	30	30	534996	1@1	DFT_BPSK	19.4
n41	30	30	534996	1@76	DFT_BPSK	19.32
n41	30	30	534996	75@0	DFT_QPSK	18.39
n41	30	30	534996	36@18	DFT_QPSK	19.42
n41	30	30	534996	1@1	DFT_QPSK	19.47
n41	30	30	534996	1@76	DFT_QPSK	19.41
n41	30	30	534996	75@0	DFT_16QAM	17.41
n41	30	30	534996	36@18	DFT_16QAM	18.45
n41	30	30	534996	1@1	DFT_16QAM	18.24
n41	30	30	534996	1@76	DFT_16QAM	18.15
n41	30	30	534996	75@0	DFT_64QAM	16.89
n41	30	30	534996	36@18	DFT_64QAM	16.9
n41	30	30	534996	1@1	DFT_64QAM	17.11
n41	30	30	534996	1@76	DFT_64QAM	17.04
n41	30	30	534996	75@0	DFT_256QAM	14.9
n41	30	30	534996	36@18	DFT_256QAM	14.86
n41	30	30	534996	1@1	DFT_256QAM	14.96
n41	30	30	534996	1@76	DFT_256QAM	14.85
n41	30	30	534996	78@0	CP_QPSK	16.41
n41	30	30	534996	39@19	CP_QPSK	17.88
n41	30	30	534996	1@1	CP_QPSK	17.98
n41	30	30	534996	1@76	CP_QPSK	17.91
n41	30	40	503202	100@0	DFT_BPSK	18
n41	30	40	503202	50@25	DFT_BPSK	18.52
n41	30	40	503202	1@1	DFT_BPSK	18.34
n41	30	40	503202	1@104	DFT_BPSK	18.36
n41	30	40	503202	100@0	DFT_QPSK	17.49
n41	30	40	503202	50@25	DFT_QPSK	18.52
n41	30	40	503202	1@1	DFT_QPSK	18.4
n41	30	40	503202	1@104	DFT_QPSK	18.44
n41	30	40	503202	100@0	DFT_16QAM	16.49
n41	30	40	503202	50@25	DFT_16QAM	17.48
n41	30	40	503202	1@1	DFT_16QAM	17.18
n41	30	40	503202	1@104	DFT_16QAM	17.21
n41	30	40	503202	100@0	DFT_64QAM	15.96
n41	30	40	503202	50@25	DFT_64QAM	16.02
n41	30	40	503202	1@1	DFT_64QAM	15.97
n41	30	40	503202	1@104	DFT_64QAM	15.93

n41	30	40	503202	100@0	DFT_256QAM	13.96
n41	30	40	503202	50@25	DFT_256QAM	13.99
n41	30	40	503202	1@1	DFT_256QAM	13.91
n41	30	40	503202	1@104	DFT_256QAM	13.9
n41	30	40	503202	106@0	CP_QPSK	15.49
n41	30	40	503202	53@26	CP_QPSK	17.07
n41	30	40	503202	1@1	CP_QPSK	16.92
n41	30	40	503202	1@104	CP_QPSK	16.94
n41	30	40	518598	100@0	DFT_BPSK	18.46
n41	30	40	518598	50@25	DFT_BPSK	18.95
n41	30	40	518598	1@1	DFT_BPSK	18.46
n41	30	40	518598	1@104	DFT_BPSK	19.23
n41	30	40	518598	100@0	DFT_QPSK	17.93
n41	30	40	518598	50@25	DFT_QPSK	18.93
n41	30	40	518598	1@1	DFT_QPSK	18.52
n41	30	40	518598	1@104	DFT_QPSK	19.29
n41	30	40	518598	100@0	DFT_16QAM	16.89
n41	30	40	518598	50@25	DFT_16QAM	17.87
n41	30	40	518598	1@1	DFT_16QAM	17.32
n41	30	40	518598	1@104	DFT_16QAM	18.07
n41	30	40	518598	100@0	DFT_64QAM	16.4
n41	30	40	518598	50@25	DFT_64QAM	16.42
n41	30	40	518598	1@1	DFT_64QAM	16.04
n41	30	40	518598	1@104	DFT_64QAM	16.83
n41	30	40	518598	100@0	DFT_256QAM	14.41
n41	30	40	518598	50@25	DFT_256QAM	14.4
n41	30	40	518598	1@1	DFT_256QAM	13.97
n41	30	40	518598	1@104	DFT_256QAM	14.76
n41	30	40	518598	106@0	CP_QPSK	15.94
n41	30	40	518598	53@26	CP_QPSK	17.48
n41	30	40	518598	1@1	CP_QPSK	17.08
n41	30	40	518598	1@104	CP_QPSK	17.81
n41	30	40	534000	100@0	DFT_BPSK	19.01
n41	30	40	534000	50@25	DFT_BPSK	19.57
n41	30	40	534000	1@1	DFT_BPSK	19.26
n41	30	40	534000	1@104	DFT_BPSK	19.32
n41	30	40	534000	100@0	DFT_QPSK	18.47
n41	30	40	534000	50@25	DFT_QPSK	19.51
n41	30	40	534000	1@1	DFT_QPSK	19.4
n41	30	40	534000	1@104	DFT_QPSK	19.44
n41	30	40	534000	100@0	DFT_16QAM	17.49
n41	30	40	534000	50@25	DFT_16QAM	18.49
n41	30	40	534000	1@1	DFT_16QAM	18.15
n41	30	40	534000	1@104	DFT_16QAM	18.17
n41	30	40	534000	100@0	DFT_64QAM	17
n41	30	40	534000	50@25	DFT_64QAM	17.01
n41	30	40	534000	1@1	DFT_64QAM	16.94
n41	30	40	534000	1@104	DFT_64QAM	17.01
n41	30	40	534000	100@0	DFT_256QAM	14.99
n41	30	40	534000	50@25	DFT_256QAM	15.01
n41	30	40	534000	1@1	DFT_256QAM	14.88

n41	30	40	534000	1@104	DFT_256QAM	14.89
n41	30	40	534000	106@0	CP_QPSK	16.49
n41	30	40	534000	53@26	CP_QPSK	18.04
n41	30	40	534000	1@1	CP_QPSK	17.9
n41	30	40	534000	1@104	CP_QPSK	17.96
n41	30	50	504204	128@0	DFT_BPSK	18.04
n41	30	50	504204	64@32	DFT_BPSK	18.61
n41	30	50	504204	1@1	DFT_BPSK	18.29
n41	30	50	504204	1@131	DFT_BPSK	18.33
n41	30	50	504204	128@0	DFT_QPSK	17.53
n41	30	50	504204	64@32	DFT_QPSK	18.61
n41	30	50	504204	1@1	DFT_QPSK	18.4
n41	30	50	504204	1@131	DFT_QPSK	18.46
n41	30	50	504204	128@0	DFT_16QAM	16.53
n41	30	50	504204	64@32	DFT_16QAM	17.53
n41	30	50	504204	1@1	DFT_16QAM	17.16
n41	30	50	504204	1@131	DFT_16QAM	17.2
n41	30	50	504204	128@0	DFT_64QAM	16.01
n41	30	50	504204	64@32	DFT_64QAM	16.08
n41	30	50	504204	1@1	DFT_64QAM	15.95
n41	30	50	504204	1@131	DFT_64QAM	15.97
n41	30	50	504204	128@0	DFT_256QAM	14.04
n41	30	50	504204	64@32	DFT_256QAM	14.07
n41	30	50	504204	1@1	DFT_256QAM	13.95
n41	30	50	504204	1@131	DFT_256QAM	13.98
n41	30	50	504204	133@0	CP_QPSK	15.5
n41	30	50	504204	67@33	CP_QPSK	17.1
n41	30	50	504204	1@1	CP_QPSK	16.89
n41	30	50	504204	1@131	CP_QPSK	16.89
n41	30	50	518598	128@0	DFT_BPSK	18.44
n41	30	50	518598	64@32	DFT_BPSK	18.97
n41	30	50	518598	1@1	DFT_BPSK	18.26
n41	30	50	518598	1@131	DFT_BPSK	19.21
n41	30	50	518598	128@0	DFT_QPSK	17.96
n41	30	50	518598	64@32	DFT_QPSK	18.98
n41	30	50	518598	1@1	DFT_QPSK	18.34
n41	30	50	518598	1@131	DFT_QPSK	19.26
n41	30	50	518598	128@0	DFT_16QAM	16.96
n41	30	50	518598	64@32	DFT_16QAM	17.89
n41	30	50	518598	1@1	DFT_16QAM	17.16
n41	30	50	518598	1@131	DFT_16QAM	18.06
n41	30	50	518598	128@0	DFT_64QAM	16.44
n41	30	50	518598	64@32	DFT_64QAM	16.46
n41	30	50	518598	1@1	DFT_64QAM	15.87
n41	30	50	518598	1@131	DFT_64QAM	16.85
n41	30	50	518598	128@0	DFT_256QAM	14.47
n41	30	50	518598	64@32	DFT_256QAM	14.44
n41	30	50	518598	1@1	DFT_256QAM	13.83
n41	30	50	518598	1@131	DFT_256QAM	14.78
n41	30	50	518598	133@0	CP_QPSK	15.95
n41	30	50	518598	67@33	CP_QPSK	17.51

n41	30	50	518598	1@1	CP_QPSK	16.87
n41	30	50	518598	1@131	CP_QPSK	17.79
n41	30	50	532998	128@0	DFT_BPSK	19
n41	30	50	532998	64@32	DFT_BPSK	19.59
n41	30	50	532998	1@1	DFT_BPSK	19.36
n41	30	50	532998	1@131	DFT_BPSK	19.29
n41	30	50	532998	128@0	DFT_QPSK	18.52
n41	30	50	532998	64@32	DFT_QPSK	19.58
n41	30	50	532998	1@1	DFT_QPSK	19.44
n41	30	50	532998	1@131	DFT_QPSK	19.39
n41	30	50	532998	128@0	DFT_16QAM	17.52
n41	30	50	532998	64@32	DFT_16QAM	18.5
n41	30	50	532998	1@1	DFT_16QAM	18.24
n41	30	50	532998	1@131	DFT_16QAM	18.16
n41	30	50	532998	128@0	DFT_64QAM	17.01
n41	30	50	532998	64@32	DFT_64QAM	17.08
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n41	30	50	532998	64@32	DFT_256QAM	15.04
n41	30	50	532998	1@1	DFT_256QAM	14.96
n41	30	50	532998	1@131	DFT_256QAM	14.92
n41	30	50	532998	133@0	CP_QPSK	16.54
n41	30	50	532998	67@33	CP_QPSK	18.04
n41	30	50	532998	1@1	CP_QPSK	17.98
n41	30	50	532998	1@131	CP_QPSK	17.94
n41	30	60	505200	162@0	DFT_BPSK	17.89
n41	30	60	505200	81@40	DFT_BPSK	18.46
n41	30	60	505200	1@1	DFT_BPSK	18.3
n41	30	60	505200	1@160	DFT_BPSK	18.35
n41	30	60	505200	162@0	DFT_QPSK	17.38
n41	30	60	505200	81@40	DFT_QPSK	18.46
n41	30	60	505200	1@1	DFT_QPSK	18.36
n41	30	60	505200	1@160	DFT_QPSK	18.42
n41	30	60	505200	162@0	DFT_16QAM	16.4
n41	30	60	505200	81@40	DFT_16QAM	17.45
n41	30	60	505200	1@1	DFT_16QAM	17.16
n41	30	60	505200	1@160	DFT_16QAM	17.18
n41	30	60	505200	162@0	DFT_64QAM	15.92
n41	30	60	505200	81@40	DFT_64QAM	16
n41	30	60	505200	1@1	DFT_64QAM	15.91
n41	30	60	505200	1@160	DFT_64QAM	15.97
n41	30	60	505200	162@0	DFT_256QAM	13.92
n41	30	60	505200	81@40	DFT_256QAM	13.95
n41	30	60	505200	1@1	DFT_256QAM	13.85
n41	30	60	505200	1@160	DFT_256QAM	13.92
n41	30	60	505200	162@0	CP_QPSK	15.41
n41	30	60	505200	81@40	CP_QPSK	16.95
n41	30	60	505200	1@1	CP_QPSK	16.91
n41	30	60	505200	1@160	CP_QPSK	16.93
n41	30	60	518598	162@0	DFT_BPSK	18.35

n41	30	60	518598	81@40	DFT_BPSK	18.92
n41	30	60	518598	1@1	DFT_BPSK	18.2
n41	30	60	518598	1@160	DFT_BPSK	19.16
n41	30	60	518598	162@0	DFT_QPSK	17.84
n41	30	60	518598	81@40	DFT_QPSK	18.88
n41	30	60	518598	1@1	DFT_QPSK	18.3
n41	30	60	518598	1@160	DFT_QPSK	19.26
n41	30	60	518598	162@0	DFT_16QAM	16.87
n41	30	60	518598	81@40	DFT_16QAM	17.88
n41	30	60	518598	1@1	DFT_16QAM	17.07
n41	30	60	518598	1@160	DFT_16QAM	18.02
n41	30	60	518598	162@0	DFT_64QAM	16.37
n41	30	60	518598	81@40	DFT_64QAM	16.43
n41	30	60	518598	1@1	DFT_64QAM	15.82
n41	30	60	518598	1@160	DFT_64QAM	16.77
n41	30	60	518598	162@0	DFT_256QAM	14.38
n41	30	60	518598	81@40	DFT_256QAM	14.38
n41	30	60	518598	1@1	DFT_256QAM	13.8
n41	30	60	518598	1@160	DFT_256QAM	14.77
n41	30	60	518598	162@0	CP_QPSK	15.89
n41	30	60	518598	81@40	CP_QPSK	17.39
n41	30	60	518598	1@1	CP_QPSK	16.81
n41	30	60	518598	1@160	CP_QPSK	17.77
n41	30	60	531996	162@0	DFT_BPSK	18.94
n41	30	60	531996	81@40	DFT_BPSK	19.5
n41	30	60	531996	1@1	DFT_BPSK	19.35
n41	30	60	531996	1@160	DFT_BPSK	19.36
n41	30	60	531996	162@0	DFT_QPSK	18.43
n41	30	60	531996	81@40	DFT_QPSK	19.48
n41	30	60	531996	1@1	DFT_QPSK	19.43
n41	30	60	531996	1@160	DFT_QPSK	19.45
n41	30	60	531996	162@0	DFT_16QAM	17.47
n41	30	60	531996	81@40	DFT_16QAM	18.5
n41	30	60	531996	1@1	DFT_16QAM	18.2
n41	30	60	531996	1@160	DFT_16QAM	18.21
n41	30	60	531996	162@0	DFT_64QAM	16.99
n41	30	60	531996	81@40	DFT_64QAM	17.04
n41	30	60	531996	1@1	DFT_64QAM	16.96
n41	30	60	531996	1@160	DFT_64QAM	16.99
n41	30	60	531996	162@0	DFT_256QAM	14.99
n41	30	60	531996	81@40	DFT_256QAM	14.98
n41	30	60	531996	1@1	DFT_256QAM	14.94
n41	30	60	531996	1@160	DFT_256QAM	14.99
n41	30	60	531996	162@0	CP_QPSK	16.48
n41	30	60	531996	81@40	CP_QPSK	17.98
n41	30	60	531996	1@1	CP_QPSK	17.91
n41	30	60	531996	1@160	CP_QPSK	17.97
n41	30	80	507204	216@0	DFT_BPSK	18.07
n41	30	80	507204	108@54	DFT_BPSK	18.55
n41	30	80	507204	1@1	DFT_BPSK	18.5
n41	30	80	507204	1@215	DFT_BPSK	18.56

n41	30	80	507204	216@0	DFT_QPSK	17.54
n41	30	80	507204	108@54	DFT_QPSK	18.58
n41	30	80	507204	1@1	DFT_QPSK	18.55
n41	30	80	507204	1@215	DFT_QPSK	18.61
n41	30	80	507204	216@0	DFT_16QAM	16.55
n41	30	80	507204	108@54	DFT_16QAM	17.55
n41	30	80	507204	1@1	DFT_16QAM	17.36
n41	30	80	507204	1@215	DFT_16QAM	17.42
n41	30	80	507204	216@0	DFT_64QAM	16.04
n41	30	80	507204	108@54	DFT_64QAM	16.07
n41	30	80	507204	1@1	DFT_64QAM	16.1
n41	30	80	507204	1@215	DFT_64QAM	16.18
n41	30	80	507204	216@0	DFT_256QAM	14.05
n41	30	80	507204	108@54	DFT_256QAM	14.07
n41	30	80	507204	1@1	DFT_256QAM	14.01
n41	30	80	507204	1@215	DFT_256QAM	14.09
n41	30	80	507204	217@0	CP_QPSK	15.53
n41	30	80	507204	109@54	CP_QPSK	17.1
n41	30	80	507204	1@1	CP_QPSK	17.06
n41	30	80	507204	1@215	CP_QPSK	17.17
n41	30	80	518598	216@0	DFT_BPSK	18.48
n41	30	80	518598	108@54	DFT_BPSK	18.97
n41	30	80	518598	1@1	DFT_BPSK	18.44
n41	30	80	518598	1@215	DFT_BPSK	19.5
n41	30	80	518598	216@0	DFT_QPSK	17.97
n41	30	80	518598	108@54	DFT_QPSK	18.96
n41	30	80	518598	1@1	DFT_QPSK	18.5
n41	30	80	518598	1@215	DFT_QPSK	19.58
n41	30	80	518598	216@0	DFT_16QAM	16.95
n41	30	80	518598	108@54	DFT_16QAM	17.97
n41	30	80	518598	1@1	DFT_16QAM	17.32
n41	30	80	518598	1@215	DFT_16QAM	18.36
n41	30	80	518598	216@0	DFT_64QAM	16.5
n41	30	80	518598	108@54	DFT_64QAM	16.52
n41	30	80	518598	1@1	DFT_64QAM	16.09
n41	30	80	518598	1@215	DFT_64QAM	17.25
n41	30	80	518598	216@0	DFT_256QAM	14.5
n41	30	80	518598	108@54	DFT_256QAM	14.46
n41	30	80	518598	1@1	DFT_256QAM	13.99
n41	30	80	518598	1@215	DFT_256QAM	15.07
n41	30	80	518598	217@0	CP_QPSK	15.99
n41	30	80	518598	109@54	CP_QPSK	17.53
n41	30	80	518598	1@1	CP_QPSK	17.06
n41	30	80	518598	1@215	CP_QPSK	18.09
n41	30	80	529998	216@0	DFT_BPSK	19.06
n41	30	80	529998	108@54	DFT_BPSK	19.62
n41	30	80	529998	1@1	DFT_BPSK	19.27
n41	30	80	529998	1@215	DFT_BPSK	19.45
n41	30	80	529998	216@0	DFT_QPSK	18.53
n41	30	80	529998	108@54	DFT_QPSK	19.61
n41	30	80	529998	1@1	DFT_QPSK	19.36

n41	30	80	529998	1@215	DFT_QPSK	19.52
n41	30	80	529998	216@0	DFT_16QAM	17.55
n41	30	80	529998	108@54	DFT_16QAM	18.6
n41	30	80	529998	1@1	DFT_16QAM	18.13
n41	30	80	529998	1@215	DFT_16QAM	18.27
n41	30	80	529998	216@0	DFT_64QAM	17.04
n41	30	80	529998	108@54	DFT_64QAM	17.13
n41	30	80	529998	1@1	DFT_64QAM	16.93
n41	30	80	529998	1@215	DFT_64QAM	17.11
n41	30	80	529998	216@0	DFT_256QAM	15.08
n41	30	80	529998	108@54	DFT_256QAM	15.13
n41	30	80	529998	1@1	DFT_256QAM	14.81
n41	30	80	529998	1@215	DFT_256QAM	14.95
n41	30	80	529998	217@0	CP_QPSK	16.55
n41	30	80	529998	109@54	CP_QPSK	18.1
n41	30	80	529998	1@1	CP_QPSK	17.87
n41	30	80	529998	1@215	CP_QPSK	18.06
n41	30	90	508200	243@0	DFT_BPSK	18.09
n41	30	90	508200	120@60	DFT_BPSK	18.61
n41	30	90	508200	1@1	DFT_BPSK	18.53
n41	30	90	508200	1@243	DFT_BPSK	18.8
n41	30	90	508200	243@0	DFT_QPSK	17.59
n41	30	90	508200	120@60	DFT_QPSK	18.6
n41	30	90	508200	1@1	DFT_QPSK	18.57
n41	30	90	508200	1@243	DFT_QPSK	18.86
n41	30	90	508200	243@0	DFT_16QAM	16.61
n41	30	90	508200	120@60	DFT_16QAM	17.61
n41	30	90	508200	1@1	DFT_16QAM	17.38
n41	30	90	508200	1@243	DFT_16QAM	17.65
n41	30	90	508200	243@0	DFT_64QAM	16.08
n41	30	90	508200	120@60	DFT_64QAM	16.12
n41	30	90	508200	1@1	DFT_64QAM	16.09
n41	30	90	508200	1@243	DFT_64QAM	16.38
n41	30	90	508200	243@0	DFT_256QAM	14.1
n41	30	90	508200	120@60	DFT_256QAM	14.14
n41	30	90	508200	1@1	DFT_256QAM	14.04
n41	30	90	508200	1@243	DFT_256QAM	14.36
n41	30	90	508200	245@0	CP_QPSK	15.58
n41	30	90	508200	123@61	CP_QPSK	17.11
n41	30	90	508200	1@1	CP_QPSK	17.07
n41	30	90	508200	1@243	CP_QPSK	17.39
n41	30	90	518598	243@0	DFT_BPSK	18.48
n41	30	90	518598	120@60	DFT_BPSK	18.99
n41	30	90	518598	1@1	DFT_BPSK	18.43
n41	30	90	518598	1@243	DFT_BPSK	19.57
n41	30	90	518598	243@0	DFT_QPSK	17.97
n41	30	90	518598	120@60	DFT_QPSK	18.95
n41	30	90	518598	1@1	DFT_QPSK	18.47
n41	30	90	518598	1@243	DFT_QPSK	19.69
n41	30	90	518598	243@0	DFT_16QAM	16.98
n41	30	90	518598	120@60	DFT_16QAM	17.95

n41	30	90	518598	1@1	DFT_16QAM	17.3
n41	30	90	518598	1@243	DFT_16QAM	18.4
n41	30	90	518598	243@0	DFT_64QAM	16.47
n41	30	90	518598	120@60	DFT_64QAM	16.48
n41	30	90	518598	1@1	DFT_64QAM	16.05
n41	30	90	518598	1@243	DFT_64QAM	17.24
n41	30	90	518598	243@0	DFT_256QAM	14.48
n41	30	90	518598	120@60	DFT_256QAM	14.5
n41	30	90	518598	1@1	DFT_256QAM	13.94
n41	30	90	518598	1@243	DFT_256QAM	15.15
n41	30	90	518598	245@0	CP_QPSK	15.99
n41	30	90	518598	123@61	CP_QPSK	17.48
n41	30	90	518598	1@1	CP_QPSK	17.04
n41	30	90	518598	1@243	CP_QPSK	18.13
n41	30	90	528996	243@0	DFT_BPSK	18.98
n41	30	90	528996	120@60	DFT_BPSK	19.57
n41	30	90	528996	1@1	DFT_BPSK	19.07
n41	30	90	528996	1@243	DFT_BPSK	19.41
n41	30	90	528996	243@0	DFT_QPSK	18.5
n41	30	90	528996	120@60	DFT_QPSK	19.55
n41	30	90	528996	1@1	DFT_QPSK	19.12
n41	30	90	528996	1@243	DFT_QPSK	19.45
n41	30	90	528996	243@0	DFT_16QAM	17.49
n41	30	90	528996	120@60	DFT_16QAM	18.54
n41	30	90	528996	1@1	DFT_16QAM	17.93
n41	30	90	528996	1@243	DFT_16QAM	18.23
n41	30	90	528996	243@0	DFT_64QAM	16.98
n41	30	90	528996	120@60	DFT_64QAM	17.07
n41	30	90	528996	1@1	DFT_64QAM	16.64
n41	30	90	528996	1@243	DFT_64QAM	17.06
n41	30	90	528996	243@0	DFT_256QAM	14.98
n41	30	90	528996	120@60	DFT_256QAM	15.07
n41	30	90	528996	1@1	DFT_256QAM	14.56
n41	30	90	528996	1@243	DFT_256QAM	14.95
n41	30	90	528996	245@0	CP_QPSK	16.47
n41	30	90	528996	123@61	CP_QPSK	18.05
n41	30	90	528996	1@1	CP_QPSK	17.67
n41	30	90	528996	1@243	CP_QPSK	18.02
n41	30	100	509202	270@0	DFT_BPSK	18.1
n41	30	100	509202	135@67	DFT_BPSK	18.6
n41	30	100	509202	1@1	DFT_BPSK	18.49
n41	30	100	509202	1@271	DFT_BPSK	18.92
n41	30	100	509202	270@0	DFT_QPSK	17.6
n41	30	100	509202	135@67	DFT_QPSK	18.58
n41	30	100	509202	1@1	DFT_QPSK	18.52
n41	30	100	509202	1@271	DFT_QPSK	19.01
n41	30	100	509202	270@0	DFT_16QAM	16.59
n41	30	100	509202	135@67	DFT_16QAM	17.6
n41	30	100	509202	1@1	DFT_16QAM	17.34
n41	30	100	509202	1@271	DFT_16QAM	17.81
n41	30	100	509202	270@0	DFT_64QAM	16.1

n41	30	100	509202	135@67	DFT_64QAM	16.09
n41	30	100	509202	1@1	DFT_64QAM	16.08
n41	30	100	509202	1@271	DFT_64QAM	16.51
n41	30	100	509202	270@0	DFT_256QAM	14.06
n41	30	100	509202	135@67	DFT_256QAM	14.11
n41	30	100	509202	1@1	DFT_256QAM	14.04
n41	30	100	509202	1@271	DFT_256QAM	14.55
n41	30	100	509202	273@0	CP_QPSK	15.6
n41	30	100	509202	137@68	CP_QPSK	17.09
n41	30	100	509202	1@1	CP_QPSK	17.07
n41	30	100	509202	1@271	CP_QPSK	17.52
n41	30	100	518598	270@0	DFT_BPSK	18.47
n41	30	100	518598	135@67	DFT_BPSK	18.99
n41	30	100	518598	1@1	DFT_BPSK	18.38
n41	30	100	518598	1@271	DFT_BPSK	19.54
n41	30	100	518598	270@0	DFT_QPSK	17.93
n41	30	100	518598	135@67	DFT_QPSK	18.98
n41	30	100	518598	1@1	DFT_QPSK	18.41
n41	30	100	518598	1@271	DFT_QPSK	19.58
n41	30	100	518598	270@0	DFT_16QAM	16.95
n41	30	100	518598	135@67	DFT_16QAM	17.98
n41	30	100	518598	1@1	DFT_16QAM	17.24
n41	30	100	518598	1@271	DFT_16QAM	18.36
n41	30	100	518598	270@0	DFT_64QAM	16.48
n41	30	100	518598	135@67	DFT_64QAM	16.46
n41	30	100	518598	1@1	DFT_64QAM	15.94
n41	30	100	518598	1@271	DFT_64QAM	17.13
n41	30	100	518598	270@0	DFT_256QAM	14.45
n41	30	100	518598	135@67	DFT_256QAM	14.5
n41	30	100	518598	1@1	DFT_256QAM	13.97
n41	30	100	518598	1@271	DFT_256QAM	15.13
n41	30	100	518598	273@0	CP_QPSK	15.98
n41	30	100	518598	137@68	CP_QPSK	17.47
n41	30	100	518598	1@1	CP_QPSK	16.97
n41	30	100	518598	1@271	CP_QPSK	18.1
n41	30	100	528000	270@0	DFT_BPSK	18.92
n41	30	100	528000	135@67	DFT_BPSK	19.52
n41	30	100	528000	1@1	DFT_BPSK	18.76
n41	30	100	528000	1@271	DFT_BPSK	19.37
n41	30	100	528000	270@0	DFT_QPSK	18.42
n41	30	100	528000	135@67	DFT_QPSK	19.53
n41	30	100	528000	1@1	DFT_QPSK	18.88
n41	30	100	528000	1@271	DFT_QPSK	19.45
n41	30	100	528000	270@0	DFT_16QAM	17.44
n41	30	100	528000	135@67	DFT_16QAM	18.52
n41	30	100	528000	1@1	DFT_16QAM	17.66
n41	30	100	528000	1@271	DFT_16QAM	18.24
n41	30	100	528000	270@0	DFT_64QAM	16.92
n41	30	100	528000	135@67	DFT_64QAM	17.04
n41	30	100	528000	1@1	DFT_64QAM	16.34
n41	30	100	528000	1@271	DFT_64QAM	17.02

n41	30	100	528000	270@0	DFT_256QAM	14.91
n41	30	100	528000	135@67	DFT_256QAM	15.05
n41	30	100	528000	1@1	DFT_256QAM	14.31
n41	30	100	528000	1@271	DFT_256QAM	14.96
n41	30	100	528000	273@0	CP_QPSK	16.45
n41	30	100	528000	137@68	CP_QPSK	18.04
n41	30	100	528000	1@1	CP_QPSK	17.41
n41	30	100	528000	1@271	CP_QPSK	18

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n66	15	5	342500	25@0	DFT_BPSK	22.18
n66	15	5	342500	12@6	DFT_BPSK	22.66
n66	15	5	342500	1@1	DFT_BPSK	22.6
n66	15	5	342500	1@23	DFT_BPSK	22.55
n66	15	5	342500	25@0	DFT_QPSK	21.67
n66	15	5	342500	12@6	DFT_QPSK	22.71
n66	15	5	342500	1@1	DFT_QPSK	22.55
n66	15	5	342500	1@23	DFT_QPSK	22.48
n66	15	5	342500	25@0	DFT_16QAM	20.63
n66	15	5	342500	12@6	DFT_16QAM	21.65
n66	15	5	342500	1@1	DFT_16QAM	21.76
n66	15	5	342500	1@23	DFT_16QAM	21.7
n66	15	5	342500	25@0	DFT_64QAM	20.19
n66	15	5	342500	12@6	DFT_64QAM	20.21
n66	15	5	342500	1@1	DFT_64QAM	20.31
n66	15	5	342500	1@23	DFT_64QAM	20.22
n66	15	5	342500	25@0	DFT_256QAM	18.12
n66	15	5	342500	12@6	DFT_256QAM	18.22
n66	15	5	342500	1@1	DFT_256QAM	18.11
n66	15	5	342500	1@23	DFT_256QAM	18.05
n66	15	5	342500	25@0	CP_QPSK	19.69
n66	15	5	342500	13@6	CP_QPSK	21.11
n66	15	5	342500	1@1	CP_QPSK	21.09
n66	15	5	342500	1@23	CP_QPSK	21.03
n66	15	5	349000	25@0	DFT_BPSK	22.58
n66	15	5	349000	12@6	DFT_BPSK	23.08
n66	15	5	349000	1@1	DFT_BPSK	23
n66	15	5	349000	1@23	DFT_BPSK	23.03
n66	15	5	349000	25@0	DFT_QPSK	22.09
n66	15	5	349000	12@6	DFT_QPSK	23.09
n66	15	5	349000	1@1	DFT_QPSK	22.96
n66	15	5	349000	1@23	DFT_QPSK	22.93
n66	15	5	349000	25@0	DFT_16QAM	21.05
n66	15	5	349000	12@6	DFT_16QAM	22.03
n66	15	5	349000	1@1	DFT_16QAM	22.14
n66	15	5	349000	1@23	DFT_16QAM	22.11
n66	15	5	349000	25@0	DFT_64QAM	20.6
n66	15	5	349000	12@6	DFT_64QAM	20.57
n66	15	5	349000	1@1	DFT_64QAM	20.66
n66	15	5	349000	1@23	DFT_64QAM	20.68
n66	15	5	349000	25@0	DFT_256QAM	18.49
n66	15	5	349000	12@6	DFT_256QAM	18.59
n66	15	5	349000	1@1	DFT_256QAM	18.47
n66	15	5	349000	1@23	DFT_256QAM	18.48
n66	15	5	349000	25@0	CP_QPSK	20.09
n66	15	5	349000	13@6	CP_QPSK	21.54
n66	15	5	349000	1@1	CP_QPSK	21.44
n66	15	5	349000	1@23	CP_QPSK	21.47
n66	15	5	355500	25@0	DFT_BPSK	22.8

n66	15	5	355500	12@6	DFT_BPSK	23.32
n66	15	5	355500	1@1	DFT_BPSK	23.2
n66	15	5	355500	1@23	DFT_BPSK	23.23
n66	15	5	355500	25@0	DFT_QPSK	22.33
n66	15	5	355500	12@6	DFT_QPSK	23.36
n66	15	5	355500	1@1	DFT_QPSK	23.18
n66	15	5	355500	1@23	DFT_QPSK	23.13
n66	15	5	355500	25@0	DFT_16QAM	21.29
n66	15	5	355500	12@6	DFT_16QAM	22.27
n66	15	5	355500	1@1	DFT_16QAM	22.38
n66	15	5	355500	1@23	DFT_16QAM	22.43
n66	15	5	355500	25@0	DFT_64QAM	20.84
n66	15	5	355500	12@6	DFT_64QAM	20.83
n66	15	5	355500	1@1	DFT_64QAM	20.93
n66	15	5	355500	1@23	DFT_64QAM	20.96
n66	15	5	355500	25@0	DFT_256QAM	18.72
n66	15	5	355500	12@6	DFT_256QAM	18.83
n66	15	5	355500	1@1	DFT_256QAM	18.2
n66	15	5	355500	1@23	DFT_256QAM	18.71
n66	15	5	355500	25@0	CP_QPSK	20.34
n66	15	5	355500	13@6	CP_QPSK	21.75
n66	15	5	355500	1@1	CP_QPSK	21.67
n66	15	5	355500	1@23	CP_QPSK	21.62
n66	15	10	343000	50@0	DFT_BPSK	22.11
n66	15	10	343000	25@12	DFT_BPSK	22.6
n66	15	10	343000	1@1	DFT_BPSK	22.62
n66	15	10	343000	1@50	DFT_BPSK	22.58
n66	15	10	343000	50@0	DFT_QPSK	21.64
n66	15	10	343000	25@12	DFT_QPSK	22.61
n66	15	10	343000	1@1	DFT_QPSK	22.56
n66	15	10	343000	1@50	DFT_QPSK	22.54
n66	15	10	343000	50@0	DFT_16QAM	20.6
n66	15	10	343000	25@12	DFT_16QAM	21.61
n66	15	10	343000	1@1	DFT_16QAM	21.77
n66	15	10	343000	1@50	DFT_16QAM	21.7
n66	15	10	343000	50@0	DFT_64QAM	20.09
n66	15	10	343000	25@12	DFT_64QAM	20.15
n66	15	10	343000	1@1	DFT_64QAM	20.37
n66	15	10	343000	1@50	DFT_64QAM	20.29
n66	15	10	343000	50@0	DFT_256QAM	18.08
n66	15	10	343000	25@12	DFT_256QAM	18.09
n66	15	10	343000	1@1	DFT_256QAM	18.1
n66	15	10	343000	1@50	DFT_256QAM	18.07
n66	15	10	343000	52@0	CP_QPSK	19.68
n66	15	10	343000	26@13	CP_QPSK	21.12
n66	15	10	343000	1@1	CP_QPSK	21.07
n66	15	10	343000	1@50	CP_QPSK	21.05
n66	15	10	349000	50@0	DFT_BPSK	22.53
n66	15	10	349000	25@12	DFT_BPSK	23.05
n66	15	10	349000	1@1	DFT_BPSK	23.03
n66	15	10	349000	1@50	DFT_BPSK	23

n66	15	10	349000	50@0	DFT_QPSK	22.03
n66	15	10	349000	25@12	DFT_QPSK	23.05
n66	15	10	349000	1@1	DFT_QPSK	22.96
n66	15	10	349000	1@50	DFT_QPSK	22.98
n66	15	10	349000	50@0	DFT_16QAM	21.01
n66	15	10	349000	25@12	DFT_16QAM	22.02
n66	15	10	349000	1@1	DFT_16QAM	22.1
n66	15	10	349000	1@50	DFT_16QAM	22.11
n66	15	10	349000	50@0	DFT_64QAM	20.48
n66	15	10	349000	25@12	DFT_64QAM	20.53
n66	15	10	349000	1@1	DFT_64QAM	20.68
n66	15	10	349000	1@50	DFT_64QAM	20.68
n66	15	10	349000	50@0	DFT_256QAM	18.49
n66	15	10	349000	25@12	DFT_256QAM	18.49
n66	15	10	349000	1@1	DFT_256QAM	18.48
n66	15	10	349000	1@50	DFT_256QAM	18.48
n66	15	10	349000	52@0	CP_QPSK	20.03
n66	15	10	349000	26@13	CP_QPSK	21.55
n66	15	10	349000	1@1	CP_QPSK	21.46
n66	15	10	349000	1@50	CP_QPSK	21.48
n66	15	10	355000	50@0	DFT_BPSK	22.82
n66	15	10	355000	25@12	DFT_BPSK	23.28
n66	15	10	355000	1@1	DFT_BPSK	23.23
n66	15	10	355000	1@50	DFT_BPSK	23.28
n66	15	10	355000	50@0	DFT_QPSK	22.33
n66	15	10	355000	25@12	DFT_QPSK	23.31
n66	15	10	355000	1@1	DFT_QPSK	23.2
n66	15	10	355000	1@50	DFT_QPSK	23.18
n66	15	10	355000	50@0	DFT_16QAM	21.3
n66	15	10	355000	25@12	DFT_16QAM	22.28
n66	15	10	355000	1@1	DFT_16QAM	22.37
n66	15	10	355000	1@50	DFT_16QAM	22.4
n66	15	10	355000	50@0	DFT_64QAM	20.75
n66	15	10	355000	25@12	DFT_64QAM	20.82
n66	15	10	355000	1@1	DFT_64QAM	20.91
n66	15	10	355000	1@50	DFT_64QAM	20.92
n66	15	10	355000	50@0	DFT_256QAM	18.77
n66	15	10	355000	25@12	DFT_256QAM	18.76
n66	15	10	355000	1@1	DFT_256QAM	18.68
n66	15	10	355000	1@50	DFT_256QAM	18.75
n66	15	10	355000	52@0	CP_QPSK	20.32
n66	15	10	355000	26@13	CP_QPSK	21.78
n66	15	10	355000	1@1	CP_QPSK	21.7
n66	15	10	355000	1@50	CP_QPSK	21.72
n66	15	15	343500	75@0	DFT_BPSK	22.16
n66	15	15	343500	36@18	DFT_BPSK	22.64
n66	15	15	343500	1@1	DFT_BPSK	22.62
n66	15	15	343500	1@77	DFT_BPSK	22.74
n66	15	15	343500	75@0	DFT_QPSK	21.69
n66	15	15	343500	36@18	DFT_QPSK	22.64
n66	15	15	343500	1@1	DFT_QPSK	22.57

n66	15	15	343500	1@77	DFT_QPSK	22.7
n66	15	15	343500	75@0	DFT_16QAM	20.67
n66	15	15	343500	36@18	DFT_16QAM	21.67
n66	15	15	343500	1@1	DFT_16QAM	21.78
n66	15	15	343500	1@77	DFT_16QAM	21.87
n66	15	15	343500	75@0	DFT_64QAM	20.18
n66	15	15	343500	36@18	DFT_64QAM	20.15
n66	15	15	343500	1@1	DFT_64QAM	20.34
n66	15	15	343500	1@77	DFT_64QAM	20.44
n66	15	15	343500	75@0	DFT_256QAM	18.15
n66	15	15	343500	36@18	DFT_256QAM	18.09
n66	15	15	343500	1@1	DFT_256QAM	18.14
n66	15	15	343500	1@77	DFT_256QAM	18.23
n66	15	15	343500	79@0	CP_QPSK	19.7
n66	15	15	343500	39@19	CP_QPSK	21.22
n66	15	15	343500	1@1	CP_QPSK	21.05
n66	15	15	343500	1@77	CP_QPSK	21.2
n66	15	15	349000	75@0	DFT_BPSK	22.58
n66	15	15	349000	36@18	DFT_BPSK	23.06
n66	15	15	349000	1@1	DFT_BPSK	22.95
n66	15	15	349000	1@77	DFT_BPSK	23.02
n66	15	15	349000	75@0	DFT_QPSK	22.06
n66	15	15	349000	36@18	DFT_QPSK	23.11
n66	15	15	349000	1@1	DFT_QPSK	22.91
n66	15	15	349000	1@77	DFT_QPSK	22.97
n66	15	15	349000	75@0	DFT_16QAM	21.05
n66	15	15	349000	36@18	DFT_16QAM	22.09
n66	15	15	349000	1@1	DFT_16QAM	22.04
n66	15	15	349000	1@77	DFT_16QAM	22.12
n66	15	15	349000	75@0	DFT_64QAM	20.56
n66	15	15	349000	36@18	DFT_64QAM	20.57
n66	15	15	349000	1@1	DFT_64QAM	20.59
n66	15	15	349000	1@77	DFT_64QAM	20.67
n66	15	15	349000	75@0	DFT_256QAM	18.5
n66	15	15	349000	36@18	DFT_256QAM	18.56
n66	15	15	349000	1@1	DFT_256QAM	18.41
n66	15	15	349000	1@77	DFT_256QAM	18.46
n66	15	15	349000	79@0	CP_QPSK	20.1
n66	15	15	349000	39@19	CP_QPSK	21.61
n66	15	15	349000	1@1	CP_QPSK	21.4
n66	15	15	349000	1@77	CP_QPSK	21.44
n66	15	15	354500	75@0	DFT_BPSK	22.84
n66	15	15	354500	36@18	DFT_BPSK	23.36
n66	15	15	354500	1@1	DFT_BPSK	23.16
n66	15	15	354500	1@77	DFT_BPSK	23.31
n66	15	15	354500	75@0	DFT_QPSK	22.34
n66	15	15	354500	36@18	DFT_QPSK	23.35
n66	15	15	354500	1@1	DFT_QPSK	23.07
n66	15	15	354500	1@77	DFT_QPSK	23.26
n66	15	15	354500	75@0	DFT_16QAM	21.31
n66	15	15	354500	36@18	DFT_16QAM	22.37

n66	15	15	354500	1@1	DFT_16QAM	22.27
n66	15	15	354500	1@77	DFT_16QAM	22.46
n66	15	15	354500	75@0	DFT_64QAM	20.85
n66	15	15	354500	36@18	DFT_64QAM	20.84
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n66	15	15	354500	1@77	DFT_64QAM	21.06
n66	15	15	354500	75@0	DFT_256QAM	18.78
n66	15	15	354500	36@18	DFT_256QAM	18.82
n66	15	15	354500	1@1	DFT_256QAM	18.6
n66	15	15	354500	1@77	DFT_256QAM	18.82
n66	15	15	354500	79@0	CP_QPSK	20.38
n66	15	15	354500	39@19	CP_QPSK	21.88
n66	15	15	354500	1@1	CP_QPSK	21.6
n66	15	15	354500	1@77	CP_QPSK	21.73
n66	15	20	344000	100@0	DFT_BPSK	22.23
n66	15	20	344000	50@25	DFT_BPSK	22.69
n66	15	20	344000	1@1	DFT_BPSK	22.64
n66	15	20	344000	1@104	DFT_BPSK	22.96
n66	15	20	344000	100@0	DFT_QPSK	21.73
n66	15	20	344000	50@25	DFT_QPSK	22.69
n66	15	20	344000	1@1	DFT_QPSK	22.53
n66	15	20	344000	1@104	DFT_QPSK	22.9
n66	15	20	344000	100@0	DFT_16QAM	20.69
n66	15	20	344000	50@25	DFT_16QAM	21.69
n66	15	20	344000	1@1	DFT_16QAM	21.81
n66	15	20	344000	1@104	DFT_16QAM	22.04
n66	15	20	344000	100@0	DFT_64QAM	20.2
n66	15	20	344000	50@25	DFT_64QAM	20.15
n66	15	20	344000	1@1	DFT_64QAM	20.34
n66	15	20	344000	1@104	DFT_64QAM	20.62
n66	15	20	344000	100@0	DFT_256QAM	18.24
n66	15	20	344000	50@25	DFT_256QAM	18.17
n66	15	20	344000	1@1	DFT_256QAM	18.14
n66	15	20	344000	1@104	DFT_256QAM	18.43
n66	15	20	344000	106@0	CP_QPSK	19.75
n66	15	20	344000	53@26	CP_QPSK	21.22
n66	15	20	344000	1@1	CP_QPSK	21.07
n66	15	20	344000	1@104	CP_QPSK	21.36
n66	15	20	349000	100@0	DFT_BPSK	22.58
n66	15	20	349000	50@25	DFT_BPSK	23.11
n66	15	20	349000	1@1	DFT_BPSK	22.88
n66	15	20	349000	1@104	DFT_BPSK	23.08
n66	15	20	349000	100@0	DFT_QPSK	22.07
n66	15	20	349000	50@25	DFT_QPSK	23.1
n66	15	20	349000	1@1	DFT_QPSK	22.85
n66	15	20	349000	1@104	DFT_QPSK	23.03
n66	15	20	349000	100@0	DFT_16QAM	21.02
n66	15	20	349000	50@25	DFT_16QAM	22.1
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n66	15	20	349000	100@0	DFT_64QAM	20.53

n66	15	20	349000	50@25	DFT_64QAM	20.57
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n66	15	20	349000	1@104	DFT_64QAM	20.74
n66	15	20	349000	100@0	DFT_256QAM	18.55
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n66	15	20	349000	1@1	DFT_256QAM	18.36
n66	15	20	349000	1@104	DFT_256QAM	18.53
n66	15	20	349000	106@0	CP_QPSK	20.07
n66	15	20	349000	53@26	CP_QPSK	21.62
n66	15	20	349000	1@1	CP_QPSK	21.34
n66	15	20	349000	1@104	CP_QPSK	21.52
n66	15	20	354000	100@0	DFT_BPSK	22.84
n66	15	20	354000	50@25	DFT_BPSK	23.32
n66	15	20	354000	1@1	DFT_BPSK	23.03
n66	15	20	354000	1@104	DFT_BPSK	23.31
n66	15	20	354000	100@0	DFT_QPSK	22.32
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n66	15	20	354000	1@1	DFT_QPSK	22.97
n66	15	20	354000	1@104	DFT_QPSK	23.21
n66	15	20	354000	100@0	DFT_16QAM	21.3
n66	15	20	354000	50@25	DFT_16QAM	22.37
n66	15	20	354000	1@1	DFT_16QAM	22.11
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n66	15	20	354000	50@25	DFT_64QAM	20.82
n66	15	20	354000	1@1	DFT_64QAM	20.73
n66	15	20	354000	1@104	DFT_64QAM	21.04
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n66	15	20	354000	1@1	DFT_256QAM	18.48
n66	15	20	354000	1@104	DFT_256QAM	18.82
n66	15	20	354000	106@0	CP_QPSK	20.35
n66	15	20	354000	53@26	CP_QPSK	21.85
n66	15	20	354000	1@1	CP_QPSK	21.48
n66	15	20	354000	1@104	CP_QPSK	21.72
n66	15	25	344500	128@0	DFT_BPSK	22.3
n66	15	25	344500	64@32	DFT_BPSK	22.8
n66	15	25	344500	1@1	DFT_BPSK	22.6
n66	15	25	344500	1@131	DFT_BPSK	23.09
n66	15	25	344500	128@0	DFT_QPSK	21.8
n66	15	25	344500	64@32	DFT_QPSK	22.76
n66	15	25	344500	1@1	DFT_QPSK	22.57
n66	15	25	344500	1@131	DFT_QPSK	23.02
n66	15	25	344500	128@0	DFT_16QAM	20.82
n66	15	25	344500	64@32	DFT_16QAM	21.74
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n66	15	25	344500	1@131	DFT_16QAM	22.14
n66	15	25	344500	128@0	DFT_64QAM	20.3
n66	15	25	344500	64@32	DFT_64QAM	20.29
n66	15	25	344500	1@1	DFT_64QAM	20.31
n66	15	25	344500	1@131	DFT_64QAM	20.72

n66	15	25	344500	128@0	DFT_256QAM	18.3
n66	15	25	344500	64@32	DFT_256QAM	18.27
n66	15	25	344500	1@1	DFT_256QAM	18.12
n66	15	25	344500	1@131	DFT_256QAM	18.56
n66	15	25	344500	133@0	CP_QPSK	19.79
n66	15	25	344500	67@33	CP_QPSK	21.31
n66	15	25	344500	1@1	CP_QPSK	21.03
n66	15	25	344500	1@131	CP_QPSK	21.55
n66	15	25	349000	128@0	DFT_BPSK	22.64
n66	15	25	349000	64@32	DFT_BPSK	23.16
n66	15	25	349000	1@1	DFT_BPSK	22.83
n66	15	25	349000	1@131	DFT_BPSK	23.05
n66	15	25	349000	128@0	DFT_QPSK	22.13
n66	15	25	349000	64@32	DFT_QPSK	23.17
n66	15	25	349000	1@1	DFT_QPSK	22.76
n66	15	25	349000	1@131	DFT_QPSK	23.01
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n66	15	25	349000	1@1	DFT_16QAM	21.87
n66	15	25	349000	1@131	DFT_16QAM	22.15
n66	15	25	349000	128@0	DFT_64QAM	20.62
n66	15	25	349000	64@32	DFT_64QAM	20.65
n66	15	25	349000	1@1	DFT_64QAM	20.44
n66	15	25	349000	1@131	DFT_64QAM	20.72
n66	15	25	349000	128@0	DFT_256QAM	18.62
n66	15	25	349000	64@32	DFT_256QAM	18.67
n66	15	25	349000	1@1	DFT_256QAM	18.27
n66	15	25	349000	1@131	DFT_256QAM	18.2
n66	15	25	349000	133@0	CP_QPSK	20.13
n66	15	25	349000	67@33	CP_QPSK	21.67
n66	15	25	349000	1@1	CP_QPSK	21.26
n66	15	25	349000	1@131	CP_QPSK	21.45
n66	15	25	353500	128@0	DFT_BPSK	22.81
n66	15	25	353500	64@32	DFT_BPSK	23.28
n66	15	25	353500	1@1	DFT_BPSK	22.9
n66	15	25	353500	1@131	DFT_BPSK	23.33
n66	15	25	353500	128@0	DFT_QPSK	22.33
n66	15	25	353500	64@32	DFT_QPSK	23.3
n66	15	25	353500	1@1	DFT_QPSK	22.86
n66	15	25	353500	1@131	DFT_QPSK	23.25
n66	15	25	353500	128@0	DFT_16QAM	21.32
n66	15	25	353500	64@32	DFT_16QAM	22.26
n66	15	25	353500	1@1	DFT_16QAM	22.03
n66	15	25	353500	1@131	DFT_16QAM	22.46
n66	15	25	353500	128@0	DFT_64QAM	20.84
n66	15	25	353500	64@32	DFT_64QAM	20.81
n66	15	25	353500	1@1	DFT_64QAM	20.54
n66	15	25	353500	1@131	DFT_64QAM	21.05
n66	15	25	353500	128@0	DFT_256QAM	18.83
n66	15	25	353500	64@32	DFT_256QAM	18.81
n66	15	25	353500	1@1	DFT_256QAM	18.36

n66	15	25	353500	1@131	DFT_256QAM	18.85
n66	15	25	353500	133@0	CP_QPSK	20.33
n66	15	25	353500	67@33	CP_QPSK	21.82
n66	15	25	353500	1@1	CP_QPSK	21.41
n66	15	25	353500	1@131	CP_QPSK	21.72
n66	15	30	345000	160@0	DFT_BPSK	22.32
n66	15	30	345000	80@40	DFT_BPSK	22.85
n66	15	30	345000	1@1	DFT_BPSK	22.59
n66	15	30	345000	1@158	DFT_BPSK	23.29
n66	15	30	345000	160@0	DFT_QPSK	21.84
n66	15	30	345000	80@40	DFT_QPSK	22.82
n66	15	30	345000	1@1	DFT_QPSK	22.53
n66	15	30	345000	1@158	DFT_QPSK	23.2
n66	15	30	345000	160@0	DFT_16QAM	20.83
n66	15	30	345000	80@40	DFT_16QAM	21.87
n66	15	30	345000	1@1	DFT_16QAM	21.72
n66	15	30	345000	1@158	DFT_16QAM	22.34
n66	15	30	345000	160@0	DFT_64QAM	20.37
n66	15	30	345000	80@40	DFT_64QAM	20.37
n66	15	30	345000	1@1	DFT_64QAM	20.31
n66	15	30	345000	1@158	DFT_64QAM	20.92
n66	15	30	345000	160@0	DFT_256QAM	18.41
n66	15	30	345000	80@40	DFT_256QAM	18.33
n66	15	30	345000	1@1	DFT_256QAM	18.09
n66	15	30	345000	1@158	DFT_256QAM	18.68
n66	15	30	345000	160@0	CP_QPSK	19.87
n66	15	30	345000	80@40	CP_QPSK	21.39
n66	15	30	345000	1@1	CP_QPSK	21.03
n66	15	30	345000	1@158	CP_QPSK	21.69
n66	15	30	349000	160@0	DFT_BPSK	22.62
n66	15	30	349000	80@40	DFT_BPSK	23.18
n66	15	30	349000	1@1	DFT_BPSK	22.74
n66	15	30	349000	1@158	DFT_BPSK	23.14
n66	15	30	349000	160@0	DFT_QPSK	22.13
n66	15	30	349000	80@40	DFT_QPSK	23.18
n66	15	30	349000	1@1	DFT_QPSK	22.7
n66	15	30	349000	1@158	DFT_QPSK	23.09
n66	15	30	349000	160@0	DFT_16QAM	21.11
n66	15	30	349000	80@40	DFT_16QAM	22.14
n66	15	30	349000	1@1	DFT_16QAM	21.85
n66	15	30	349000	1@158	DFT_16QAM	22.26
n66	15	30	349000	160@0	DFT_64QAM	20.62
n66	15	30	349000	80@40	DFT_64QAM	20.65
n66	15	30	349000	1@1	DFT_64QAM	20.4
n66	15	30	349000	1@158	DFT_64QAM	20.79
n66	15	30	349000	160@0	DFT_256QAM	18.4
n66	15	30	349000	80@40	DFT_256QAM	18.63
n66	15	30	349000	1@1	DFT_256QAM	18.21
n66	15	30	349000	1@158	DFT_256QAM	18.58
n66	15	30	349000	160@0	CP_QPSK	20.13
n66	15	30	349000	80@40	CP_QPSK	21.65

n66	15	30	349000	1@1	CP_QPSK	21.2
n66	15	30	349000	1@158	CP_QPSK	21.53
n66	15	30	353000	160@0	DFT_BPSK	22.73
n66	15	30	353000	80@40	DFT_BPSK	23.25
n66	15	30	353000	1@1	DFT_BPSK	22.95
n66	15	30	353000	1@158	DFT_BPSK	23.33
n66	15	30	353000	160@0	DFT_QPSK	22.23
n66	15	30	353000	80@40	DFT_QPSK	23.23
n66	15	30	353000	1@1	DFT_QPSK	22.9
n66	15	30	353000	1@158	DFT_QPSK	23.27
n66	15	30	353000	160@0	DFT_16QAM	21.22
n66	15	30	353000	80@40	DFT_16QAM	22.25
n66	15	30	353000	1@1	DFT_16QAM	22.03
n66	15	30	353000	1@158	DFT_16QAM	22.5
n66	15	30	353000	160@0	DFT_64QAM	20.73
n66	15	30	353000	80@40	DFT_64QAM	20.76
n66	15	30	353000	1@1	DFT_64QAM	20.57
n66	15	30	353000	1@158	DFT_64QAM	21.11
n66	15	30	353000	160@0	DFT_256QAM	18.74
n66	15	30	353000	80@40	DFT_256QAM	18.75
n66	15	30	353000	1@1	DFT_256QAM	18.41
n66	15	30	353000	1@158	DFT_256QAM	18.82
n66	15	30	353000	160@0	CP_QPSK	20.27
n66	15	30	353000	80@40	CP_QPSK	21.79
n66	15	30	353000	1@1	CP_QPSK	21.38
n66	15	30	353000	1@158	CP_QPSK	21.8
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n66	15	40	346000	108@54	DFT_BPSK	22.97
n66	15	40	346000	1@1	DFT_BPSK	22.52
n66	15	40	346000	1@214	DFT_BPSK	23.22
n66	15	40	346000	216@0	DFT_QPSK	21.96
n66	15	40	346000	108@54	DFT_QPSK	22.97
n66	15	40	346000	1@1	DFT_QPSK	22.5
n66	15	40	346000	1@214	DFT_QPSK	23.17
n66	15	40	346000	216@0	DFT_16QAM	20.94
n66	15	40	346000	108@54	DFT_16QAM	21.98
n66	15	40	346000	1@1	DFT_16QAM	21.71
n66	15	40	346000	1@214	DFT_16QAM	22.29
n66	15	40	346000	216@0	DFT_64QAM	20.45
n66	15	40	346000	108@54	DFT_64QAM	20.48
n66	15	40	346000	1@1	DFT_64QAM	20.31
n66	15	40	346000	1@214	DFT_64QAM	20.89
n66	15	40	346000	216@0	DFT_256QAM	18.47
n66	15	40	346000	108@54	DFT_256QAM	18.49
n66	15	40	346000	1@1	DFT_256QAM	18.06
n66	15	40	346000	1@214	DFT_256QAM	18.73
n66	15	40	346000	216@0	CP_QPSK	19.99
n66	15	40	346000	108@54	CP_QPSK	21.52
n66	15	40	346000	1@1	CP_QPSK	20.99
n66	15	40	346000	1@214	CP_QPSK	21.67
n66	15	40	349000	216@0	DFT_BPSK	22.54

n66	15	40	349000	108@54	DFT_BPSK	23.18
n66	15	40	349000	1@1	DFT_BPSK	22.56
n66	15	40	349000	1@214	DFT_BPSK	23.24
n66	15	40	349000	216@0	DFT_QPSK	22.04
n66	15	40	349000	108@54	DFT_QPSK	23.16
n66	15	40	349000	1@1	DFT_QPSK	22.52
n66	15	40	349000	1@214	DFT_QPSK	23.22
n66	15	40	349000	216@0	DFT_16QAM	21.02
n66	15	40	349000	108@54	DFT_16QAM	22.12
n66	15	40	349000	1@1	DFT_16QAM	21.65
n66	15	40	349000	1@214	DFT_16QAM	22.36
n66	15	40	349000	216@0	DFT_64QAM	20.54
n66	15	40	349000	108@54	DFT_64QAM	20.63
n66	15	40	349000	1@1	DFT_64QAM	20.19
n66	15	40	349000	1@214	DFT_64QAM	20.93
n66	15	40	349000	216@0	DFT_256QAM	18.54
n66	15	40	349000	108@54	DFT_256QAM	18.65
n66	15	40	349000	1@1	DFT_256QAM	18.05
n66	15	40	349000	1@214	DFT_256QAM	18.73
n66	15	40	349000	216@0	CP_QPSK	20.06
n66	15	40	349000	108@54	CP_QPSK	21.65
n66	15	40	349000	1@1	CP_QPSK	21.02
n66	15	40	349000	1@214	CP_QPSK	21.73
n66	15	40	352000	216@0	DFT_BPSK	22.64
n66	15	40	352000	108@54	DFT_BPSK	23.16
n66	15	40	352000	1@1	DFT_BPSK	22.95
n66	15	40	352000	1@214	DFT_BPSK	23.38
n66	15	40	352000	216@0	DFT_QPSK	22.18
n66	15	40	352000	108@54	DFT_QPSK	23.17
n66	15	40	352000	1@1	DFT_QPSK	22.92
n66	15	40	352000	1@214	DFT_QPSK	23.29
n66	15	40	352000	216@0	DFT_16QAM	21.14
n66	15	40	352000	108@54	DFT_16QAM	22.2
n66	15	40	352000	1@1	DFT_16QAM	22.02
n66	15	40	352000	1@214	DFT_16QAM	22.53
n66	15	40	352000	216@0	DFT_64QAM	20.68
n66	15	40	352000	108@54	DFT_64QAM	20.7
n66	15	40	352000	1@1	DFT_64QAM	20.6
n66	15	40	352000	1@214	DFT_64QAM	21.13
n66	15	40	352000	216@0	DFT_256QAM	18.71
n66	15	40	352000	108@54	DFT_256QAM	18.68
n66	15	40	352000	1@1	DFT_256QAM	18.43
n66	15	40	352000	1@214	DFT_256QAM	18.86
n66	15	40	352000	216@0	CP_QPSK	20.2
n66	15	40	352000	108@54	CP_QPSK	21.68
n66	15	40	352000	1@1	CP_QPSK	21.42
n66	15	40	352000	1@214	CP_QPSK	21.8

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	22.1
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	22.62
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	22.55
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	22.51
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	21.58
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	22.69
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	22.6
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	22.56
n77(3450-3550)	30	10	630334	24@0	DFT_16QAM	20.66
n77(3450-3550)	30	10	630334	12@6	DFT_16QAM	21.58
n77(3450-3550)	30	10	630334	1@1	DFT_16QAM	21.44
n77(3450-3550)	30	10	630334	1@22	DFT_16QAM	21.4
n77(3450-3550)	30	10	630334	24@0	DFT_64QAM	20.17
n77(3450-3550)	30	10	630334	12@6	DFT_64QAM	20.24
n77(3450-3550)	30	10	630334	1@1	DFT_64QAM	20.02
n77(3450-3550)	30	10	630334	1@22	DFT_64QAM	19.99
n77(3450-3550)	30	10	630334	24@0	DFT_256QAM	18.09
n77(3450-3550)	30	10	630334	12@6	DFT_256QAM	18.38
n77(3450-3550)	30	10	630334	1@1	DFT_256QAM	17.99
n77(3450-3550)	30	10	630334	1@22	DFT_256QAM	17.98
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	19.53
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	21.09
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	21.09
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	21.06
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	22.12
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	22.54
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	22.58
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	22.51
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	21.56
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	22.7
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	22.73
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	22.62

n77(3450-3550)	30	10	633334	24@0	DFT_16QAM	20.65
n77(3450-3550)	30	10	633334	12@6	DFT_16QAM	21.66
n77(3450-3550)	30	10	633334	1@1	DFT_16QAM	21.44
n77(3450-3550)	30	10	633334	1@22	DFT_16QAM	21.37
n77(3450-3550)	30	10	633334	24@0	DFT_64QAM	20.16
n77(3450-3550)	30	10	633334	12@6	DFT_64QAM	20.19
n77(3450-3550)	30	10	633334	1@1	DFT_64QAM	20.03
n77(3450-3550)	30	10	633334	1@22	DFT_64QAM	19.98
n77(3450-3550)	30	10	633334	24@0	DFT_256QAM	18.06
n77(3450-3550)	30	10	633334	12@6	DFT_256QAM	18.33
n77(3450-3550)	30	10	633334	1@1	DFT_256QAM	18.03
n77(3450-3550)	30	10	633334	1@22	DFT_256QAM	17.97
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	19.55
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	21.04
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	21.18
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	21.1
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	22
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	22.4
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	22.46
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	22.41
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	21.44
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	22.54
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	22.55
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	22.49
n77(3450-3550)	30	10	636332	24@0	DFT_16QAM	20.56
n77(3450-3550)	30	10	636332	12@6	DFT_16QAM	21.51
n77(3450-3550)	30	10	636332	1@1	DFT_16QAM	21.31
n77(3450-3550)	30	10	636332	1@22	DFT_16QAM	21.3
n77(3450-3550)	30	10	636332	24@0	DFT_64QAM	20.04
n77(3450-3550)	30	10	636332	12@6	DFT_64QAM	20.06
n77(3450-3550)	30	10	636332	1@1	DFT_64QAM	19.92
n77(3450-3550)	30	10	636332	1@22	DFT_64QAM	19.84
n77(3450-3550)	30	10	636332	24@0	DFT_256QAM	18.03

n77(3450-3550)	30	10	636332	12@6	DFT_256QAM	18.06
n77(3450-3550)	30	10	636332	1@1	DFT_256QAM	17.92
n77(3450-3550)	30	10	636332	1@22	DFT_256QAM	17.36
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	19.43
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	20.9
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	21
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	20.92
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	22.16
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	22.56
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	22.6
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	22.54
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	21.59
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	22.63
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	22.64
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	22.55
n77(3450-3550)	30	15	630500	36@0	DFT_16QAM	20.59
n77(3450-3550)	30	15	630500	18@9	DFT_16QAM	21.58
n77(3450-3550)	30	15	630500	1@1	DFT_16QAM	21.35
n77(3450-3550)	30	15	630500	1@36	DFT_16QAM	21.24
n77(3450-3550)	30	15	630500	36@0	DFT_64QAM	20.07
n77(3450-3550)	30	15	630500	18@9	DFT_64QAM	20.19
n77(3450-3550)	30	15	630500	1@1	DFT_64QAM	20.04
n77(3450-3550)	30	15	630500	1@36	DFT_64QAM	19.94
n77(3450-3550)	30	15	630500	36@0	DFT_256QAM	18.06
n77(3450-3550)	30	15	630500	18@9	DFT_256QAM	18.1
n77(3450-3550)	30	15	630500	1@1	DFT_256QAM	18.04
n77(3450-3550)	30	15	630500	1@36	DFT_256QAM	17.98
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	19.53
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	21.07
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	21.07
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	20.98
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	22.01
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	22.71

n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	22.64
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	22.47
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	21.51
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	22.61
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	22.65
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	22.55
n77(3450-3550)	30	15	633334	36@0	DFT_16QAM	20.59
n77(3450-3550)	30	15	633334	18@9	DFT_16QAM	21.56
n77(3450-3550)	30	15	633334	1@1	DFT_16QAM	21.36
n77(3450-3550)	30	15	633334	1@36	DFT_16QAM	21.26
n77(3450-3550)	30	15	633334	36@0	DFT_64QAM	20.06
n77(3450-3550)	30	15	633334	18@9	DFT_64QAM	20.12
n77(3450-3550)	30	15	633334	1@1	DFT_64QAM	20.07
n77(3450-3550)	30	15	633334	1@36	DFT_64QAM	19.94
n77(3450-3550)	30	15	633334	36@0	DFT_256QAM	18.05
n77(3450-3550)	30	15	633334	18@9	DFT_256QAM	18.12
n77(3450-3550)	30	15	633334	1@1	DFT_256QAM	18.06
n77(3450-3550)	30	15	633334	1@36	DFT_256QAM	17.95
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	19.47
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	21.04
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	21.17
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	21.06
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	21.99
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	22.48
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	22.55
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	22.41
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	21.45
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	22.5
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	22.61
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	22.46
n77(3450-3550)	30	15	636166	36@0	DFT_16QAM	20.46
n77(3450-3550)	30	15	636166	18@9	DFT_16QAM	21.48
n77(3450-3550)	30	15	636166	1@1	DFT_16QAM	21.27

n77(3450-3550)	30	15	636166	1@36	DFT_16QAM	21.13
n77(3450-3550)	30	15	636166	36@0	DFT_64QAM	19.94
n77(3450-3550)	30	15	636166	18@9	DFT_64QAM	20.04
n77(3450-3550)	30	15	636166	1@1	DFT_64QAM	19.97
n77(3450-3550)	30	15	636166	1@36	DFT_64QAM	19.86
n77(3450-3550)	30	15	636166	36@0	DFT_256QAM	17.92
n77(3450-3550)	30	15	636166	18@9	DFT_256QAM	17.96
n77(3450-3550)	30	15	636166	1@1	DFT_256QAM	17.99
n77(3450-3550)	30	15	636166	1@36	DFT_256QAM	17.86
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	19.35
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	20.9
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	20.97
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	20.84
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	22.12
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	22.58
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	22.68
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	22.52
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	21.6
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	22.64
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	22.7
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	22.56
n77(3450-3550)	30	20	630668	50@0	DFT_16QAM	20.56
n77(3450-3550)	30	20	630668	25@12	DFT_16QAM	21.61
n77(3450-3550)	30	20	630668	1@1	DFT_16QAM	21.41
n77(3450-3550)	30	20	630668	1@49	DFT_16QAM	21.32
n77(3450-3550)	30	20	630668	50@0	DFT_64QAM	20.04
n77(3450-3550)	30	20	630668	25@12	DFT_64QAM	20.07
n77(3450-3550)	30	20	630668	1@1	DFT_64QAM	20.08
n77(3450-3550)	30	20	630668	1@49	DFT_64QAM	20
n77(3450-3550)	30	20	630668	50@0	DFT_256QAM	18.08
n77(3450-3550)	30	20	630668	25@12	DFT_256QAM	18.09
n77(3450-3550)	30	20	630668	1@1	DFT_256QAM	18.06
n77(3450-3550)	30	20	630668	1@49	DFT_256QAM	17.98

n77(3450-3550)	30	20	630668	51@0	CP_QPSK	19.58
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	21.07
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	21.1
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	20.98
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	22.13
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	22.42
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	22.63
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	22.47
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	21.51
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	22.67
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	22.64
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	22.45
n77(3450-3550)	30	20	633334	50@0	DFT_16QAM	20.5
n77(3450-3550)	30	20	633334	25@12	DFT_16QAM	21.55
n77(3450-3550)	30	20	633334	1@1	DFT_16QAM	21.4
n77(3450-3550)	30	20	633334	1@49	DFT_16QAM	21.2
n77(3450-3550)	30	20	633334	50@0	DFT_64QAM	19.96
n77(3450-3550)	30	20	633334	25@12	DFT_64QAM	20.05
n77(3450-3550)	30	20	633334	1@1	DFT_64QAM	20.11
n77(3450-3550)	30	20	633334	1@49	DFT_64QAM	19.88
n77(3450-3550)	30	20	633334	50@0	DFT_256QAM	17.99
n77(3450-3550)	30	20	633334	25@12	DFT_256QAM	18.09
n77(3450-3550)	30	20	633334	1@1	DFT_256QAM	18.07
n77(3450-3550)	30	20	633334	1@49	DFT_256QAM	17.86
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	19.49
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	21.08
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	21.1
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	20.89
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	22.06
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	22.47
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	22.59
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	22.43
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	21.48

n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	22.54
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	22.62
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	22.45
n77(3450-3550)	30	20	636000	50@0	DFT_16QAM	20.43
n77(3450-3550)	30	20	636000	25@12	DFT_16QAM	21.44
n77(3450-3550)	30	20	636000	1@1	DFT_16QAM	21.32
n77(3450-3550)	30	20	636000	1@49	DFT_16QAM	21.16
n77(3450-3550)	30	20	636000	50@0	DFT_64QAM	19.88
n77(3450-3550)	30	20	636000	25@12	DFT_64QAM	19.96
n77(3450-3550)	30	20	636000	1@1	DFT_64QAM	20.06
n77(3450-3550)	30	20	636000	1@49	DFT_64QAM	19.83
n77(3450-3550)	30	20	636000	50@0	DFT_256QAM	17.96
n77(3450-3550)	30	20	636000	25@12	DFT_256QAM	17.97
n77(3450-3550)	30	20	636000	1@1	DFT_256QAM	18.05
n77(3450-3550)	30	20	636000	1@49	DFT_256QAM	17.84
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	19.43
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	20.97
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	21.08
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	20.87
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	22.12
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	22.65
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	22.68
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	22.62
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	21.61
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	22.59
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	22.74
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	22.64
n77(3450-3550)	30	40	631334	100@0	DFT_16QAM	20.57
n77(3450-3550)	30	40	631334	50@25	DFT_16QAM	21.52
n77(3450-3550)	30	40	631334	1@1	DFT_16QAM	21.38
n77(3450-3550)	30	40	631334	1@104	DFT_16QAM	21.34
n77(3450-3550)	30	40	631334	100@0	DFT_64QAM	20.07
n77(3450-3550)	30	40	631334	50@25	DFT_64QAM	20.04

n77(3450-3550)	30	40	631334	1@1	DFT_64QAM	20.09
n77(3450-3550)	30	40	631334	1@104	DFT_64QAM	20.11
n77(3450-3550)	30	40	631334	100@0	DFT_256QAM	18.07
n77(3450-3550)	30	40	631334	50@25	DFT_256QAM	18.05
n77(3450-3550)	30	40	631334	1@1	DFT_256QAM	18.1
n77(3450-3550)	30	40	631334	1@104	DFT_256QAM	18.07
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	19.57
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	21.08
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	21.13
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	21.1
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	22.22
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	22.66
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	22.57
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	22.47
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	21.57
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	22.62
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	22.67
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	22.51
n77(3450-3550)	30	40	633334	100@0	DFT_16QAM	20.57
n77(3450-3550)	30	40	633334	50@25	DFT_16QAM	21.58
n77(3450-3550)	30	40	633334	1@1	DFT_16QAM	21.42
n77(3450-3550)	30	40	633334	1@104	DFT_16QAM	21.24
n77(3450-3550)	30	40	633334	100@0	DFT_64QAM	20.07
n77(3450-3550)	30	40	633334	50@25	DFT_64QAM	20.13
n77(3450-3550)	30	40	633334	1@1	DFT_64QAM	20.11
n77(3450-3550)	30	40	633334	1@104	DFT_64QAM	19.96
n77(3450-3550)	30	40	633334	100@0	DFT_256QAM	18.08
n77(3450-3550)	30	40	633334	50@25	DFT_256QAM	18.11
n77(3450-3550)	30	40	633334	1@1	DFT_256QAM	18.09
n77(3450-3550)	30	40	633334	1@104	DFT_256QAM	17.92
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	19.54
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	21.07
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	21.14

n77(3450-3550)	30	40	633334	1@104	CP_QPSK	20.92
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	22.12
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	22.67
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	22.61
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	22.44
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	21.55
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	22.66
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	22.63
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	22.41
n77(3450-3550)	30	40	635332	100@0	DFT_16QAM	20.55
n77(3450-3550)	30	40	635332	50@25	DFT_16QAM	21.57
n77(3450-3550)	30	40	635332	1@1	DFT_16QAM	21.34
n77(3450-3550)	30	40	635332	1@104	DFT_16QAM	21.14
n77(3450-3550)	30	40	635332	100@0	DFT_64QAM	20.02
n77(3450-3550)	30	40	635332	50@25	DFT_64QAM	20.07
n77(3450-3550)	30	40	635332	1@1	DFT_64QAM	20.01
n77(3450-3550)	30	40	635332	1@104	DFT_64QAM	19.87
n77(3450-3550)	30	40	635332	100@0	DFT_256QAM	18.06
n77(3450-3550)	30	40	635332	50@25	DFT_256QAM	18.07
n77(3450-3550)	30	40	635332	1@1	DFT_256QAM	18.08
n77(3450-3550)	30	40	635332	1@104	DFT_256QAM	18.1
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	19.52
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	21.09
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	21.07
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	20.88
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	22.11
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	22.59
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	22.58
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	22.56
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	21.62
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	22.56
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	22.71
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	22.66

n77(3450-3550)	30	50	631668	128@0	DFT_16QAM	20.6
n77(3450-3550)	30	50	631668	64@32	DFT_16QAM	21.5
n77(3450-3550)	30	50	631668	1@1	DFT_16QAM	21.36
n77(3450-3550)	30	50	631668	1@131	DFT_16QAM	21.31
n77(3450-3550)	30	50	631668	128@0	DFT_64QAM	20.11
n77(3450-3550)	30	50	631668	64@32	DFT_64QAM	20.1
n77(3450-3550)	30	50	631668	1@1	DFT_64QAM	20.08
n77(3450-3550)	30	50	631668	1@131	DFT_64QAM	20.01
n77(3450-3550)	30	50	631668	128@0	DFT_256QAM	18.13
n77(3450-3550)	30	50	631668	64@32	DFT_256QAM	18.1
n77(3450-3550)	30	50	631668	1@1	DFT_256QAM	18.04
n77(3450-3550)	30	50	631668	1@131	DFT_256QAM	18
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	19.55
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	21.05
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	21.07
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	20.98
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	22.14
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	22.69
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	22.62
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	22.48
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	21.63
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	22.65
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	22.65
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	22.59
n77(3450-3550)	30	50	633334	128@0	DFT_16QAM	20.61
n77(3450-3550)	30	50	633334	64@32	DFT_16QAM	21.54
n77(3450-3550)	30	50	633334	1@1	DFT_16QAM	21.35
n77(3450-3550)	30	50	633334	1@131	DFT_16QAM	21.22
n77(3450-3550)	30	50	633334	128@0	DFT_64QAM	20.11
n77(3450-3550)	30	50	633334	64@32	DFT_64QAM	20.1
n77(3450-3550)	30	50	633334	1@1	DFT_64QAM	20.05
n77(3450-3550)	30	50	633334	1@131	DFT_64QAM	19.94
n77(3450-3550)	30	50	633334	128@0	DFT_256QAM	18.2

n77(3450-3550)	30	50	633334	64@32	DFT_256QAM	18.1
n77(3450-3550)	30	50	633334	1@1	DFT_256QAM	18.04
n77(3450-3550)	30	50	633334	1@131	DFT_256QAM	17.94
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	19.57
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	21.08
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	21.1
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	20.94
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	22.08
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	22.62
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	22.61
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	22.35
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	21.5
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	22.54
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	22.7
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	22.37
n77(3450-3550)	30	50	635000	128@0	DFT_16QAM	20.47
n77(3450-3550)	30	50	635000	64@32	DFT_16QAM	21.42
n77(3450-3550)	30	50	635000	1@1	DFT_16QAM	21.35
n77(3450-3550)	30	50	635000	1@131	DFT_16QAM	21.02
n77(3450-3550)	30	50	635000	128@0	DFT_64QAM	20
n77(3450-3550)	30	50	635000	64@32	DFT_64QAM	20.03
n77(3450-3550)	30	50	635000	1@1	DFT_64QAM	20.03
n77(3450-3550)	30	50	635000	1@131	DFT_64QAM	19.74
n77(3450-3550)	30	50	635000	128@0	DFT_256QAM	17.99
n77(3450-3550)	30	50	635000	64@32	DFT_256QAM	18.2
n77(3450-3550)	30	50	635000	1@1	DFT_256QAM	18.07
n77(3450-3550)	30	50	635000	1@131	DFT_256QAM	18.6
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	19.45
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	21
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	21.05
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	20.76
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	22.03
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	22.58

n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	22.61
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	22.45
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	21.53
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	22.53
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	22.71
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	22.49
n77(3450-3550)	30	60	632000	162@0	DFT_16QAM	20.51
n77(3450-3550)	30	60	632000	81@40	DFT_16QAM	21.56
n77(3450-3550)	30	60	632000	1@1	DFT_16QAM	21.4
n77(3450-3550)	30	60	632000	1@160	DFT_16QAM	21.21
n77(3450-3550)	30	60	632000	162@0	DFT_64QAM	20.01
n77(3450-3550)	30	60	632000	81@40	DFT_64QAM	20.1
n77(3450-3550)	30	60	632000	1@1	DFT_64QAM	20.19
n77(3450-3550)	30	60	632000	1@160	DFT_64QAM	20.01
n77(3450-3550)	30	60	632000	162@0	DFT_256QAM	18.03
n77(3450-3550)	30	60	632000	81@40	DFT_256QAM	18.06
n77(3450-3550)	30	60	632000	1@1	DFT_256QAM	18.09
n77(3450-3550)	30	60	632000	1@160	DFT_256QAM	18.2
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	19.49
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	21
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	21.12
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	20.93
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	22.01
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	22.56
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	22.51
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	22.48
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	21.55
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	22.55
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	22.58
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	22.52
n77(3450-3550)	30	60	633334	162@0	DFT_16QAM	20.52
n77(3450-3550)	30	60	633334	81@40	DFT_16QAM	21.52
n77(3450-3550)	30	60	633334	1@1	DFT_16QAM	21.34

n77(3450-3550)	30	60	633334	1@160	DFT_16QAM	21.21
n77(3450-3550)	30	60	633334	162@0	DFT_64QAM	20.03
n77(3450-3550)	30	60	633334	81@40	DFT_64QAM	20.06
n77(3450-3550)	30	60	633334	1@1	DFT_64QAM	20.09
n77(3450-3550)	30	60	633334	1@160	DFT_64QAM	20.02
n77(3450-3550)	30	60	633334	162@0	DFT_256QAM	18.04
n77(3450-3550)	30	60	633334	81@40	DFT_256QAM	18.02
n77(3450-3550)	30	60	633334	1@1	DFT_256QAM	18
n77(3450-3550)	30	60	633334	1@160	DFT_256QAM	17.92
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	19.5
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	20.97
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	21.06
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	20.93
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	22.07
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	22.51
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	22.63
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	22.26
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	21.48
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	22.49
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	22.75
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	22.34
n77(3450-3550)	30	60	634666	162@0	DFT_16QAM	20.42
n77(3450-3550)	30	60	634666	81@40	DFT_16QAM	21.47
n77(3450-3550)	30	60	634666	1@1	DFT_16QAM	21.48
n77(3450-3550)	30	60	634666	1@160	DFT_16QAM	21.05
n77(3450-3550)	30	60	634666	162@0	DFT_64QAM	19.95
n77(3450-3550)	30	60	634666	81@40	DFT_64QAM	20.02
n77(3450-3550)	30	60	634666	1@1	DFT_64QAM	20.18
n77(3450-3550)	30	60	634666	1@160	DFT_64QAM	19.74
n77(3450-3550)	30	60	634666	162@0	DFT_256QAM	18.4
n77(3450-3550)	30	60	634666	81@40	DFT_256QAM	18.02
n77(3450-3550)	30	60	634666	1@1	DFT_256QAM	18.17
n77(3450-3550)	30	60	634666	1@160	DFT_256QAM	17.71

n77(3450-3550)	30	60	634666	162@0	CP_QPSK	19.42
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	20.93
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	21.15
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	20.72
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	21.99
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	22.63
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	22.65
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	22.4
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	21.45
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	22.59
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	22.71
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	22.43
n77(3450-3550)	30	70	632334	180@0	DFT_16QAM	20.44
n77(3450-3550)	30	70	632334	90@45	DFT_16QAM	21.51
n77(3450-3550)	30	70	632334	1@1	DFT_16QAM	21.29
n77(3450-3550)	30	70	632334	1@187	DFT_16QAM	20.98
n77(3450-3550)	30	70	632334	180@0	DFT_64QAM	19.95
n77(3450-3550)	30	70	632334	90@45	DFT_64QAM	20.02
n77(3450-3550)	30	70	632334	1@1	DFT_64QAM	20.08
n77(3450-3550)	30	70	632334	1@187	DFT_64QAM	19.73
n77(3450-3550)	30	70	632334	180@0	DFT_256QAM	18.4
n77(3450-3550)	30	70	632334	90@45	DFT_256QAM	18.03
n77(3450-3550)	30	70	632334	1@1	DFT_256QAM	17.98
n77(3450-3550)	30	70	632334	1@187	DFT_256QAM	17.66
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	19.44
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	20.96
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	21.03
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	20.69
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	22
n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	22.68
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	22.59
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	22.41
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	21.48

n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	22.58
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	22.66
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	22.47
n77(3450-3550)	30	70	633334	180@0	DFT_16QAM	20.42
n77(3450-3550)	30	70	633334	90@45	DFT_16QAM	21.48
n77(3450-3550)	30	70	633334	1@1	DFT_16QAM	21.23
n77(3450-3550)	30	70	633334	1@187	DFT_16QAM	20.98
n77(3450-3550)	30	70	633334	180@0	DFT_64QAM	19.98
n77(3450-3550)	30	70	633334	90@45	DFT_64QAM	20
n77(3450-3550)	30	70	633334	1@1	DFT_64QAM	20.01
n77(3450-3550)	30	70	633334	1@187	DFT_64QAM	19.76
n77(3450-3550)	30	70	633334	180@0	DFT_256QAM	17.98
n77(3450-3550)	30	70	633334	90@45	DFT_256QAM	18.01
n77(3450-3550)	30	70	633334	1@1	DFT_256QAM	18.2
n77(3450-3550)	30	70	633334	1@187	DFT_256QAM	17.69
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	19.43
n77(3450-3550)	30	70	633334	95@47	CP_QPSK	20.93
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	20.99
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	20.68
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	21.96
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	22.66
n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	22.7
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	22.25
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	21.45
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	22.56
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	22.75
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	22.29
n77(3450-3550)	30	70	634332	180@0	DFT_16QAM	20.42
n77(3450-3550)	30	70	634332	90@45	DFT_16QAM	21.45
n77(3450-3550)	30	70	634332	1@1	DFT_16QAM	21.34
n77(3450-3550)	30	70	634332	1@187	DFT_16QAM	20.82
n77(3450-3550)	30	70	634332	180@0	DFT_64QAM	19.9
n77(3450-3550)	30	70	634332	90@45	DFT_64QAM	19.96

n77(3450-3550)	30	70	634332	1@1	DFT_64QAM	20.15
n77(3450-3550)	30	70	634332	1@187	DFT_64QAM	19.63
n77(3450-3550)	30	70	634332	180@0	DFT_256QAM	17.93
n77(3450-3550)	30	70	634332	90@45	DFT_256QAM	17.99
n77(3450-3550)	30	70	634332	1@1	DFT_256QAM	17.4
n77(3450-3550)	30	70	634332	1@187	DFT_256QAM	17.54
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	19.42
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	20.93
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	21.06
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	20.57
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	22
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	22.65
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	22.73
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	22.45
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	21.49
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	22.63
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	22.78
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	22.46
n77(3450-3550)	30	80	632668	216@0	DFT_16QAM	20.49
n77(3450-3550)	30	80	632668	108@54	DFT_16QAM	21.5
n77(3450-3550)	30	80	632668	1@1	DFT_16QAM	21.4
n77(3450-3550)	30	80	632668	1@215	DFT_16QAM	21.07
n77(3450-3550)	30	80	632668	216@0	DFT_64QAM	20
n77(3450-3550)	30	80	632668	108@54	DFT_64QAM	20.03
n77(3450-3550)	30	80	632668	1@1	DFT_64QAM	20.08
n77(3450-3550)	30	80	632668	1@215	DFT_64QAM	19.77
n77(3450-3550)	30	80	632668	216@0	DFT_256QAM	17.99
n77(3450-3550)	30	80	632668	108@54	DFT_256QAM	18.07
n77(3450-3550)	30	80	632668	1@1	DFT_256QAM	18.06
n77(3450-3550)	30	80	632668	1@215	DFT_256QAM	17.72
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	19.44
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	21
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	21.1

n77(3450-3550)	30	80	632668	1@215	CP_QPSK	20.79
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	21.99
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	22.67
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	22.64
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	22.37
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	21.44
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	22.65
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	22.69
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	22.4
n77(3450-3550)	30	80	633334	216@0	DFT_16QAM	20.43
n77(3450-3550)	30	80	633334	108@54	DFT_16QAM	21.47
n77(3450-3550)	30	80	633334	1@1	DFT_16QAM	21.36
n77(3450-3550)	30	80	633334	1@215	DFT_16QAM	20.95
n77(3450-3550)	30	80	633334	216@0	DFT_64QAM	19.93
n77(3450-3550)	30	80	633334	108@54	DFT_64QAM	20.02
n77(3450-3550)	30	80	633334	1@1	DFT_64QAM	20.02
n77(3450-3550)	30	80	633334	1@215	DFT_64QAM	19.61
n77(3450-3550)	30	80	633334	216@0	DFT_256QAM	18.2
n77(3450-3550)	30	80	633334	108@54	DFT_256QAM	18.01
n77(3450-3550)	30	80	633334	1@1	DFT_256QAM	17.98
n77(3450-3550)	30	80	633334	1@215	DFT_256QAM	17.6
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	19.41
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	20.98
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	21.06
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	20.63
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	21.95
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	22.66
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	22.65
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	22.26
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	21.4
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	22.59
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	22.65
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	22.28

n77(3450-3550)	30	80	634000	216@0	DFT_16QAM	20.39
n77(3450-3550)	30	80	634000	108@54	DFT_16QAM	21.45
n77(3450-3550)	30	80	634000	1@1	DFT_16QAM	21.3
n77(3450-3550)	30	80	634000	1@215	DFT_16QAM	20.86
n77(3450-3550)	30	80	634000	216@0	DFT_64QAM	19.93
n77(3450-3550)	30	80	634000	108@54	DFT_64QAM	20
n77(3450-3550)	30	80	634000	1@1	DFT_64QAM	20.01
n77(3450-3550)	30	80	634000	1@215	DFT_64QAM	19.56
n77(3450-3550)	30	80	634000	216@0	DFT_256QAM	17.8
n77(3450-3550)	30	80	634000	108@54	DFT_256QAM	17.99
n77(3450-3550)	30	80	634000	1@1	DFT_256QAM	17.96
n77(3450-3550)	30	80	634000	1@215	DFT_256QAM	17.51
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	19.38
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	20.92
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	20.98
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	20.54
n77(3450-3550)	30	90	633000	243@0	DFT_BPSK	21.92
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	22.63
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	22.72
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	22.31
n77(3450-3550)	30	90	633000	243@0	DFT_QPSK	21.44
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	22.61
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	22.7
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	22.35
n77(3450-3550)	30	90	633000	243@0	DFT_16QAM	20.39
n77(3450-3550)	30	90	633000	120@60	DFT_16QAM	21.46
n77(3450-3550)	30	90	633000	1@1	DFT_16QAM	21.28
n77(3450-3550)	30	90	633000	1@243	DFT_16QAM	20.86
n77(3450-3550)	30	90	633000	243@0	DFT_64QAM	19.92
n77(3450-3550)	30	90	633000	120@60	DFT_64QAM	19.99
n77(3450-3550)	30	90	633000	1@1	DFT_64QAM	19.99
n77(3450-3550)	30	90	633000	1@243	DFT_64QAM	19.58
n77(3450-3550)	30	90	633000	243@0	DFT_256QAM	17.91

n77(3450-3550)	30	90	633000	120@60	DFT_256QAM	17.98
n77(3450-3550)	30	90	633000	1@1	DFT_256QAM	17.5
n77(3450-3550)	30	90	633000	1@243	DFT_256QAM	17.54
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	19.37
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	20.93
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	21
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	20.56
n77(3450-3550)	30	90	633334	243@0	DFT_BPSK	21.95
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	22.67
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	22.69
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	22.27
n77(3450-3550)	30	90	633334	243@0	DFT_QPSK	21.43
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	22.62
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	22.78
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	22.37
n77(3450-3550)	30	90	633334	243@0	DFT_16QAM	20.44
n77(3450-3550)	30	90	633334	120@60	DFT_16QAM	21.48
n77(3450-3550)	30	90	633334	1@1	DFT_16QAM	21.32
n77(3450-3550)	30	90	633334	1@243	DFT_16QAM	20.86
n77(3450-3550)	30	90	633334	243@0	DFT_64QAM	19.96
n77(3450-3550)	30	90	633334	120@60	DFT_64QAM	20.01
n77(3450-3550)	30	90	633334	1@1	DFT_64QAM	20.1
n77(3450-3550)	30	90	633334	1@243	DFT_64QAM	19.59
n77(3450-3550)	30	90	633334	243@0	DFT_256QAM	17.95
n77(3450-3550)	30	90	633334	120@60	DFT_256QAM	18.01
n77(3450-3550)	30	90	633334	1@1	DFT_256QAM	17.99
n77(3450-3550)	30	90	633334	1@243	DFT_256QAM	17.51
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	19.38
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	20.93
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	21.06
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	20.54
n77(3450-3550)	30	90	633666	243@0	DFT_BPSK	21.98
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	22.68

n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	22.82
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	22.35
n77(3450-3550)	30	90	633666	243@0	DFT_QPSK	21.45
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	22.66
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	22.8
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	22.31
n77(3450-3550)	30	90	633666	243@0	DFT_16QAM	20.47
n77(3450-3550)	30	90	633666	120@60	DFT_16QAM	21.51
n77(3450-3550)	30	90	633666	1@1	DFT_16QAM	21.39
n77(3450-3550)	30	90	633666	1@243	DFT_16QAM	20.84
n77(3450-3550)	30	90	633666	243@0	DFT_64QAM	19.98
n77(3450-3550)	30	90	633666	120@60	DFT_64QAM	20.01
n77(3450-3550)	30	90	633666	1@1	DFT_64QAM	20.07
n77(3450-3550)	30	90	633666	1@243	DFT_64QAM	19.56
n77(3450-3550)	30	90	633666	243@0	DFT_256QAM	17.97
n77(3450-3550)	30	90	633666	120@60	DFT_256QAM	18.03
n77(3450-3550)	30	90	633666	1@1	DFT_256QAM	18.04
n77(3450-3550)	30	90	633666	1@243	DFT_256QAM	17.51
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	19.39
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	20.95
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	21.05
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	20.6
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	21.91
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	22.65
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	22.75
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	22.28
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	21.42
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	22.59
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	22.82
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	22.27
n77(3450-3550)	30	100	633334	270@0	DFT_16QAM	20.37
n77(3450-3550)	30	100	633334	135@67	DFT_16QAM	21.47
n77(3450-3550)	30	100	633334	1@1	DFT_16QAM	21.38

n77(3450-3550)	30	100	633334	1@271	DFT_16QAM	20.82
n77(3450-3550)	30	100	633334	270@0	DFT_64QAM	19.93
n77(3450-3550)	30	100	633334	135@67	DFT_64QAM	20.04
n77(3450-3550)	30	100	633334	1@1	DFT_64QAM	20.07
n77(3450-3550)	30	100	633334	1@271	DFT_64QAM	19.5
n77(3450-3550)	30	100	633334	270@0	DFT_256QAM	18.1
n77(3450-3550)	30	100	633334	135@67	DFT_256QAM	18.03
n77(3450-3550)	30	100	633334	1@1	DFT_256QAM	18.08
n77(3450-3550)	30	100	633334	1@271	DFT_256QAM	17.51
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	19.39
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	20.96
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	21.07
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	20.5

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	21.77
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	22.36
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	22.16
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	22.22
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	21.34
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	22.34
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	22.23
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	22.28
n77(3700-3980)	30	10	647000	24@0	DFT_16QAM	20.42
n77(3700-3980)	30	10	647000	12@6	DFT_16QAM	21.38
n77(3700-3980)	30	10	647000	1@1	DFT_16QAM	21.13
n77(3700-3980)	30	10	647000	1@22	DFT_16QAM	21.13
n77(3700-3980)	30	10	647000	24@0	DFT_64QAM	19.89
n77(3700-3980)	30	10	647000	12@6	DFT_64QAM	20.01
n77(3700-3980)	30	10	647000	1@1	DFT_64QAM	19.75
n77(3700-3980)	30	10	647000	1@22	DFT_64QAM	19.78
n77(3700-3980)	30	10	647000	24@0	DFT_256QAM	17.9
n77(3700-3980)	30	10	647000	12@6	DFT_256QAM	18.04
n77(3700-3980)	30	10	647000	1@1	DFT_256QAM	17.73
n77(3700-3980)	30	10	647000	1@22	DFT_256QAM	17.77
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	19.3
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	20.78
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	20.78
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	20.85
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	21.9
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	22.47
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	22.29
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	22.42
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	21.5
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	22.51
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	22.35
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	22.37

n77(3700-3980)	30	10	656000	24@0	DFT_16QAM	20.65
n77(3700-3980)	30	10	656000	12@6	DFT_16QAM	21.53
n77(3700-3980)	30	10	656000	1@1	DFT_16QAM	21.25
n77(3700-3980)	30	10	656000	1@22	DFT_16QAM	21.31
n77(3700-3980)	30	10	656000	24@0	DFT_64QAM	20.07
n77(3700-3980)	30	10	656000	12@6	DFT_64QAM	20.14
n77(3700-3980)	30	10	656000	1@1	DFT_64QAM	20.03
n77(3700-3980)	30	10	656000	1@22	DFT_64QAM	20.11
n77(3700-3980)	30	10	656000	24@0	DFT_256QAM	18.06
n77(3700-3980)	30	10	656000	12@6	DFT_256QAM	18.33
n77(3700-3980)	30	10	656000	1@1	DFT_256QAM	17.93
n77(3700-3980)	30	10	656000	1@22	DFT_256QAM	18
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	19.54
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	20.97
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	21.04
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	21.1
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	21.83
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	22.24
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	22.16
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	22.21
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	21.47
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	22.35
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	22.27
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	22.39
n77(3700-3980)	30	10	665000	24@0	DFT_16QAM	20.5
n77(3700-3980)	30	10	665000	12@6	DFT_16QAM	21.53
n77(3700-3980)	30	10	665000	1@1	DFT_16QAM	21.25
n77(3700-3980)	30	10	665000	1@22	DFT_16QAM	21.27
n77(3700-3980)	30	10	665000	24@0	DFT_64QAM	20.07
n77(3700-3980)	30	10	665000	12@6	DFT_64QAM	20.11
n77(3700-3980)	30	10	665000	1@1	DFT_64QAM	19.92
n77(3700-3980)	30	10	665000	1@22	DFT_64QAM	19.96
n77(3700-3980)	30	10	665000	24@0	DFT_256QAM	17.96

n77(3700-3980)	30	10	665000	12@6	DFT_256QAM	18.2
n77(3700-3980)	30	10	665000	1@1	DFT_256QAM	17.92
n77(3700-3980)	30	10	665000	1@22	DFT_256QAM	17.92
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	19.43
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	20.94
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	20.99
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	20.97
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	21.68
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	22.24
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	22.12
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	22.21
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	21.27
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	22.29
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	22.27
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	22.27
n77(3700-3980)	30	15	647168	36@0	DFT_16QAM	20.28
n77(3700-3980)	30	15	647168	18@9	DFT_16QAM	21.33
n77(3700-3980)	30	15	647168	1@1	DFT_16QAM	21.04
n77(3700-3980)	30	15	647168	1@36	DFT_16QAM	21.05
n77(3700-3980)	30	15	647168	36@0	DFT_64QAM	19.78
n77(3700-3980)	30	15	647168	18@9	DFT_64QAM	19.94
n77(3700-3980)	30	15	647168	1@1	DFT_64QAM	19.81
n77(3700-3980)	30	15	647168	1@36	DFT_64QAM	19.86
n77(3700-3980)	30	15	647168	36@0	DFT_256QAM	17.71
n77(3700-3980)	30	15	647168	18@9	DFT_256QAM	17.84
n77(3700-3980)	30	15	647168	1@1	DFT_256QAM	17.74
n77(3700-3980)	30	15	647168	1@36	DFT_256QAM	17.76
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	19.22
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	20.81
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	20.73
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	20.76
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	21.96
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	22.4

n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	22.32
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	22.36
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	21.51
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	22.44
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	22.4
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	22.41
n77(3700-3980)	30	15	656000	36@0	DFT_16QAM	20.55
n77(3700-3980)	30	15	656000	18@9	DFT_16QAM	21.51
n77(3700-3980)	30	15	656000	1@1	DFT_16QAM	21.17
n77(3700-3980)	30	15	656000	1@36	DFT_16QAM	21.29
n77(3700-3980)	30	15	656000	36@0	DFT_64QAM	20.01
n77(3700-3980)	30	15	656000	18@9	DFT_64QAM	20.09
n77(3700-3980)	30	15	656000	1@1	DFT_64QAM	19.9
n77(3700-3980)	30	15	656000	1@36	DFT_64QAM	20.04
n77(3700-3980)	30	15	656000	36@0	DFT_256QAM	17.99
n77(3700-3980)	30	15	656000	18@9	DFT_256QAM	18.02
n77(3700-3980)	30	15	656000	1@1	DFT_256QAM	17.89
n77(3700-3980)	30	15	656000	1@36	DFT_256QAM	18.02
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	19.41
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	20.94
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	20.93
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	21.03
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	21.76
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	22.22
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	22.12
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	22.25
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	21.45
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	22.27
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	22.23
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	22.28
n77(3700-3980)	30	15	664832	36@0	DFT_16QAM	20.45
n77(3700-3980)	30	15	664832	18@9	DFT_16QAM	21.41
n77(3700-3980)	30	15	664832	1@1	DFT_16QAM	21.12

n77(3700-3980)	30	15	664832	1@36	DFT_16QAM	21.1
n77(3700-3980)	30	15	664832	36@0	DFT_64QAM	19.91
n77(3700-3980)	30	15	664832	18@9	DFT_64QAM	20.06
n77(3700-3980)	30	15	664832	1@1	DFT_64QAM	19.9
n77(3700-3980)	30	15	664832	1@36	DFT_64QAM	19.93
n77(3700-3980)	30	15	664832	36@0	DFT_256QAM	18.1
n77(3700-3980)	30	15	664832	18@9	DFT_256QAM	17.95
n77(3700-3980)	30	15	664832	1@1	DFT_256QAM	17.84
n77(3700-3980)	30	15	664832	1@36	DFT_256QAM	17.89
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	19.37
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	20.88
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	20.83
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	20.85
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	21.83
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	22.46
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	22.33
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	22.3
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	21.42
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	22.37
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	22.3
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	22.33
n77(3700-3980)	30	20	647334	50@0	DFT_16QAM	20.36
n77(3700-3980)	30	20	647334	25@12	DFT_16QAM	21.39
n77(3700-3980)	30	20	647334	1@1	DFT_16QAM	21.13
n77(3700-3980)	30	20	647334	1@49	DFT_16QAM	21.13
n77(3700-3980)	30	20	647334	50@0	DFT_64QAM	19.85
n77(3700-3980)	30	20	647334	25@12	DFT_64QAM	19.92
n77(3700-3980)	30	20	647334	1@1	DFT_64QAM	19.85
n77(3700-3980)	30	20	647334	1@49	DFT_64QAM	19.89
n77(3700-3980)	30	20	647334	50@0	DFT_256QAM	17.6
n77(3700-3980)	30	20	647334	25@12	DFT_256QAM	17.89
n77(3700-3980)	30	20	647334	1@1	DFT_256QAM	17.8
n77(3700-3980)	30	20	647334	1@49	DFT_256QAM	17.86

n77(3700-3980)	30	20	647334	51@0	CP_QPSK	19.35
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	20.9
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	20.83
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	20.85
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	21.93
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	22.61
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	22.31
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	22.46
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	21.53
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	22.45
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	22.33
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	22.46
n77(3700-3980)	30	20	656000	50@0	DFT_16QAM	20.49
n77(3700-3980)	30	20	656000	25@12	DFT_16QAM	21.52
n77(3700-3980)	30	20	656000	1@1	DFT_16QAM	21.22
n77(3700-3980)	30	20	656000	1@49	DFT_16QAM	21.34
n77(3700-3980)	30	20	656000	50@0	DFT_64QAM	20
n77(3700-3980)	30	20	656000	25@12	DFT_64QAM	20.02
n77(3700-3980)	30	20	656000	1@1	DFT_64QAM	19.93
n77(3700-3980)	30	20	656000	1@49	DFT_64QAM	20.12
n77(3700-3980)	30	20	656000	50@0	DFT_256QAM	17.99
n77(3700-3980)	30	20	656000	25@12	DFT_256QAM	18.03
n77(3700-3980)	30	20	656000	1@1	DFT_256QAM	17.93
n77(3700-3980)	30	20	656000	1@49	DFT_256QAM	18.05
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	19.55
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	20.96
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	20.95
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	21.06
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	21.84
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	22.27
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	22.16
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	22.17
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	21.46

n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	22.39
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	22.17
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	22.28
n77(3700-3980)	30	20	664666	50@0	DFT_16QAM	20.37
n77(3700-3980)	30	20	664666	25@12	DFT_16QAM	21.39
n77(3700-3980)	30	20	664666	1@1	DFT_16QAM	21.13
n77(3700-3980)	30	20	664666	1@49	DFT_16QAM	21.17
n77(3700-3980)	30	20	664666	50@0	DFT_64QAM	19.86
n77(3700-3980)	30	20	664666	25@12	DFT_64QAM	19.92
n77(3700-3980)	30	20	664666	1@1	DFT_64QAM	19.92
n77(3700-3980)	30	20	664666	1@49	DFT_64QAM	19.97
n77(3700-3980)	30	20	664666	50@0	DFT_256QAM	17.91
n77(3700-3980)	30	20	664666	25@12	DFT_256QAM	17.88
n77(3700-3980)	30	20	664666	1@1	DFT_256QAM	17.88
n77(3700-3980)	30	20	664666	1@49	DFT_256QAM	17.88
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	19.39
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	20.92
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	20.83
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	20.83
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	21.89
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	22.42
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	22.3
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	22.62
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	21.51
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	22.38
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	22.33
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	22.68
n77(3700-3980)	30	40	648000	100@0	DFT_16QAM	20.48
n77(3700-3980)	30	40	648000	50@25	DFT_16QAM	21.41
n77(3700-3980)	30	40	648000	1@1	DFT_16QAM	21.18
n77(3700-3980)	30	40	648000	1@104	DFT_16QAM	21.42
n77(3700-3980)	30	40	648000	100@0	DFT_64QAM	19.96
n77(3700-3980)	30	40	648000	50@25	DFT_64QAM	19.95

n77(3700-3980)	30	40	648000	1@1	DFT_64QAM	19.89
n77(3700-3980)	30	40	648000	1@104	DFT_64QAM	20.14
n77(3700-3980)	30	40	648000	100@0	DFT_256QAM	17.3
n77(3700-3980)	30	40	648000	50@25	DFT_256QAM	17.94
n77(3700-3980)	30	40	648000	1@1	DFT_256QAM	17.86
n77(3700-3980)	30	40	648000	1@104	DFT_256QAM	18.17
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	19.48
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	20.95
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	20.87
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	21.15
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	21.93
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	22.43
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	22.24
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	22.58
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	21.61
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	22.42
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	22.28
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	22.61
n77(3700-3980)	30	40	656000	100@0	DFT_16QAM	20.56
n77(3700-3980)	30	40	656000	50@25	DFT_16QAM	21.56
n77(3700-3980)	30	40	656000	1@1	DFT_16QAM	21.33
n77(3700-3980)	30	40	656000	1@104	DFT_16QAM	21.69
n77(3700-3980)	30	40	656000	100@0	DFT_64QAM	20.09
n77(3700-3980)	30	40	656000	50@25	DFT_64QAM	20.09
n77(3700-3980)	30	40	656000	1@1	DFT_64QAM	19.97
n77(3700-3980)	30	40	656000	1@104	DFT_64QAM	20.33
n77(3700-3980)	30	40	656000	100@0	DFT_256QAM	18.11
n77(3700-3980)	30	40	656000	50@25	DFT_256QAM	18.07
n77(3700-3980)	30	40	656000	1@1	DFT_256QAM	17.93
n77(3700-3980)	30	40	656000	1@104	DFT_256QAM	18.27
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	19.58
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	21.06
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	20.94

n77(3700-3980)	30	40	656000	1@104	CP_QPSK	21.29
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	21.91
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	22.44
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	22.11
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	22.32
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	21.52
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	22.33
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	22.16
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	22.35
n77(3700-3980)	30	40	664000	100@0	DFT_16QAM	20.49
n77(3700-3980)	30	40	664000	50@25	DFT_16QAM	21.49
n77(3700-3980)	30	40	664000	1@1	DFT_16QAM	21.14
n77(3700-3980)	30	40	664000	1@104	DFT_16QAM	21.31
n77(3700-3980)	30	40	664000	100@0	DFT_64QAM	20.01
n77(3700-3980)	30	40	664000	50@25	DFT_64QAM	20
n77(3700-3980)	30	40	664000	1@1	DFT_64QAM	19.89
n77(3700-3980)	30	40	664000	1@104	DFT_64QAM	20.08
n77(3700-3980)	30	40	664000	100@0	DFT_256QAM	17.8
n77(3700-3980)	30	40	664000	50@25	DFT_256QAM	17.99
n77(3700-3980)	30	40	664000	1@1	DFT_256QAM	17.85
n77(3700-3980)	30	40	664000	1@104	DFT_256QAM	18.04
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	19.49
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	21.03
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	20.87
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	21.07
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	22.1
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	22.53
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	22.26
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	22.7
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	21.58
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	22.52
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	22.33
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	22.8

n77(3700-3980)	30	50	648334	128@0	DFT_16QAM	20.59
n77(3700-3980)	30	50	648334	64@32	DFT_16QAM	21.47
n77(3700-3980)	30	50	648334	1@1	DFT_16QAM	21.12
n77(3700-3980)	30	50	648334	1@131	DFT_16QAM	21.48
n77(3700-3980)	30	50	648334	128@0	DFT_64QAM	20.08
n77(3700-3980)	30	50	648334	64@32	DFT_64QAM	20.05
n77(3700-3980)	30	50	648334	1@1	DFT_64QAM	19.86
n77(3700-3980)	30	50	648334	1@131	DFT_64QAM	20.25
n77(3700-3980)	30	50	648334	128@0	DFT_256QAM	18.07
n77(3700-3980)	30	50	648334	64@32	DFT_256QAM	18.03
n77(3700-3980)	30	50	648334	1@1	DFT_256QAM	17.81
n77(3700-3980)	30	50	648334	1@131	DFT_256QAM	18.22
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	19.54
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	21.02
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	20.82
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	21.18
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	22.01
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	22.5
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	22.21
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	22.65
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	21.66
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	22.44
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	22.3
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	22.69
n77(3700-3980)	30	50	656000	128@0	DFT_16QAM	20.66
n77(3700-3980)	30	50	656000	64@32	DFT_16QAM	21.56
n77(3700-3980)	30	50	656000	1@1	DFT_16QAM	21.14
n77(3700-3980)	30	50	656000	1@131	DFT_16QAM	21.53
n77(3700-3980)	30	50	656000	128@0	DFT_64QAM	20.1
n77(3700-3980)	30	50	656000	64@32	DFT_64QAM	20.09
n77(3700-3980)	30	50	656000	1@1	DFT_64QAM	19.89
n77(3700-3980)	30	50	656000	1@131	DFT_64QAM	20.26
n77(3700-3980)	30	50	656000	128@0	DFT_256QAM	18.16

n77(3700-3980)	30	50	656000	64@32	DFT_256QAM	18.11
n77(3700-3980)	30	50	656000	1@1	DFT_256QAM	17.88
n77(3700-3980)	30	50	656000	1@131	DFT_256QAM	17.8
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	19.62
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	21.1
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	20.88
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	21.25
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	21.84
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	22.36
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	22.03
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	22.29
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	21.51
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	22.33
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	22.08
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	22.36
n77(3700-3980)	30	50	663666	128@0	DFT_16QAM	20.46
n77(3700-3980)	30	50	663666	64@32	DFT_16QAM	21.43
n77(3700-3980)	30	50	663666	1@1	DFT_16QAM	21
n77(3700-3980)	30	50	663666	1@131	DFT_16QAM	21.21
n77(3700-3980)	30	50	663666	128@0	DFT_64QAM	19.96
n77(3700-3980)	30	50	663666	64@32	DFT_64QAM	19.99
n77(3700-3980)	30	50	663666	1@1	DFT_64QAM	19.75
n77(3700-3980)	30	50	663666	1@131	DFT_64QAM	19.96
n77(3700-3980)	30	50	663666	128@0	DFT_256QAM	17.6
n77(3700-3980)	30	50	663666	64@32	DFT_256QAM	18
n77(3700-3980)	30	50	663666	1@1	DFT_256QAM	17.72
n77(3700-3980)	30	50	663666	1@131	DFT_256QAM	17.96
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	19.43
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	20.95
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	20.7
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	20.98
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	21.97
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	22.51

n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	22.2
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	22.69
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	21.52
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	22.47
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	22.29
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	22.74
n77(3700-3980)	30	60	648668	162@0	DFT_16QAM	20.51
n77(3700-3980)	30	60	648668	81@40	DFT_16QAM	21.48
n77(3700-3980)	30	60	648668	1@1	DFT_16QAM	21.23
n77(3700-3980)	30	60	648668	1@160	DFT_16QAM	21.69
n77(3700-3980)	30	60	648668	162@0	DFT_64QAM	20.01
n77(3700-3980)	30	60	648668	81@40	DFT_64QAM	20.05
n77(3700-3980)	30	60	648668	1@1	DFT_64QAM	19.79
n77(3700-3980)	30	60	648668	1@160	DFT_64QAM	20.31
n77(3700-3980)	30	60	648668	162@0	DFT_256QAM	18.1
n77(3700-3980)	30	60	648668	81@40	DFT_256QAM	18.02
n77(3700-3980)	30	60	648668	1@1	DFT_256QAM	17.78
n77(3700-3980)	30	60	648668	1@160	DFT_256QAM	18.27
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	19.49
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	20.96
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	20.81
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	21.23
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	21.94
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	22.41
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	22.17
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	22.56
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	21.58
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	22.36
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	22.23
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	22.61
n77(3700-3980)	30	60	656000	162@0	DFT_16QAM	20.56
n77(3700-3980)	30	60	656000	81@40	DFT_16QAM	21.54
n77(3700-3980)	30	60	656000	1@1	DFT_16QAM	21.11

n77(3700-3980)	30	60	656000	1@160	DFT_16QAM	21.5
n77(3700-3980)	30	60	656000	162@0	DFT_64QAM	20.08
n77(3700-3980)	30	60	656000	81@40	DFT_64QAM	20.08
n77(3700-3980)	30	60	656000	1@1	DFT_64QAM	20.01
n77(3700-3980)	30	60	656000	1@160	DFT_64QAM	20.38
n77(3700-3980)	30	60	656000	162@0	DFT_256QAM	18.09
n77(3700-3980)	30	60	656000	81@40	DFT_256QAM	18.09
n77(3700-3980)	30	60	656000	1@1	DFT_256QAM	17.88
n77(3700-3980)	30	60	656000	1@160	DFT_256QAM	18.27
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	19.55
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	21.01
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	20.87
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	21.29
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	21.72
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	22.26
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	21.91
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	22.3
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	21.39
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	22.19
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	22.01
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	22.4
n77(3700-3980)	30	60	663332	162@0	DFT_16QAM	20.36
n77(3700-3980)	30	60	663332	81@40	DFT_16QAM	21.38
n77(3700-3980)	30	60	663332	1@1	DFT_16QAM	20.96
n77(3700-3980)	30	60	663332	1@160	DFT_16QAM	21.27
n77(3700-3980)	30	60	663332	162@0	DFT_64QAM	19.88
n77(3700-3980)	30	60	663332	81@40	DFT_64QAM	19.94
n77(3700-3980)	30	60	663332	1@1	DFT_64QAM	19.73
n77(3700-3980)	30	60	663332	1@160	DFT_64QAM	19.99
n77(3700-3980)	30	60	663332	162@0	DFT_256QAM	17.91
n77(3700-3980)	30	60	663332	81@40	DFT_256QAM	17.9
n77(3700-3980)	30	60	663332	1@1	DFT_256QAM	17.71
n77(3700-3980)	30	60	663332	1@160	DFT_256QAM	17.96

n77(3700-3980)	30	60	663332	162@0	CP_QPSK	19.37
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	20.84
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	20.71
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	20.96
n77(3700-3980)	30	70	649000	180@0	DFT_BPSK	22.13
n77(3700-3980)	30	70	649000	90@45	DFT_BPSK	22.68
n77(3700-3980)	30	70	649000	1@1	DFT_BPSK	22.39
n77(3700-3980)	30	70	649000	1@187	DFT_BPSK	23.01
n77(3700-3980)	30	70	649000	180@0	DFT_QPSK	21.61
n77(3700-3980)	30	70	649000	90@45	DFT_QPSK	22.66
n77(3700-3980)	30	70	649000	1@1	DFT_QPSK	22.44
n77(3700-3980)	30	70	649000	1@187	DFT_QPSK	23.03
n77(3700-3980)	30	70	649000	180@0	DFT_16QAM	20.61
n77(3700-3980)	30	70	649000	90@45	DFT_16QAM	21.59
n77(3700-3980)	30	70	649000	1@1	DFT_16QAM	21.11
n77(3700-3980)	30	70	649000	1@187	DFT_16QAM	21.64
n77(3700-3980)	30	70	649000	180@0	DFT_64QAM	20.1
n77(3700-3980)	30	70	649000	90@45	DFT_64QAM	20.11
n77(3700-3980)	30	70	649000	1@1	DFT_64QAM	19.91
n77(3700-3980)	30	70	649000	1@187	DFT_64QAM	20.57
n77(3700-3980)	30	70	649000	180@0	DFT_256QAM	17.8
n77(3700-3980)	30	70	649000	90@45	DFT_256QAM	18.13
n77(3700-3980)	30	70	649000	1@1	DFT_256QAM	17.87
n77(3700-3980)	30	70	649000	1@187	DFT_256QAM	18.43
n77(3700-3980)	30	70	649000	189@0	CP_QPSK	19.63
n77(3700-3980)	30	70	649000	95@47	CP_QPSK	21.1
n77(3700-3980)	30	70	649000	1@1	CP_QPSK	20.85
n77(3700-3980)	30	70	649000	1@187	CP_QPSK	21.45
n77(3700-3980)	30	70	656000	180@0	DFT_BPSK	22.01
n77(3700-3980)	30	70	656000	90@45	DFT_BPSK	22.52
n77(3700-3980)	30	70	656000	1@1	DFT_BPSK	22.19
n77(3700-3980)	30	70	656000	1@187	DFT_BPSK	22.6
n77(3700-3980)	30	70	656000	180@0	DFT_QPSK	21.47

n77(3700-3980)	30	70	656000	90@45	DFT_QPSK	22.39
n77(3700-3980)	30	70	656000	1@1	DFT_QPSK	22.27
n77(3700-3980)	30	70	656000	1@187	DFT_QPSK	22.7
n77(3700-3980)	30	70	656000	180@0	DFT_16QAM	20.49
n77(3700-3980)	30	70	656000	90@45	DFT_16QAM	21.51
n77(3700-3980)	30	70	656000	1@1	DFT_16QAM	20.93
n77(3700-3980)	30	70	656000	1@187	DFT_16QAM	21.43
n77(3700-3980)	30	70	656000	180@0	DFT_64QAM	20.02
n77(3700-3980)	30	70	656000	90@45	DFT_64QAM	20.02
n77(3700-3980)	30	70	656000	1@1	DFT_64QAM	19.79
n77(3700-3980)	30	70	656000	1@187	DFT_64QAM	20.28
n77(3700-3980)	30	70	656000	180@0	DFT_256QAM	18.03
n77(3700-3980)	30	70	656000	90@45	DFT_256QAM	18.02
n77(3700-3980)	30	70	656000	1@1	DFT_256QAM	17.67
n77(3700-3980)	30	70	656000	1@187	DFT_256QAM	17.9
n77(3700-3980)	30	70	656000	189@0	CP_QPSK	19.5
n77(3700-3980)	30	70	656000	95@47	CP_QPSK	20.96
n77(3700-3980)	30	70	656000	1@1	CP_QPSK	20.75
n77(3700-3980)	30	70	656000	1@187	CP_QPSK	21.18
n77(3700-3980)	30	70	663000	180@0	DFT_BPSK	21.91
n77(3700-3980)	30	70	663000	90@45	DFT_BPSK	22.41
n77(3700-3980)	30	70	663000	1@1	DFT_BPSK	22.06
n77(3700-3980)	30	70	663000	1@187	DFT_BPSK	22.38
n77(3700-3980)	30	70	663000	180@0	DFT_QPSK	21.4
n77(3700-3980)	30	70	663000	90@45	DFT_QPSK	22.31
n77(3700-3980)	30	70	663000	1@1	DFT_QPSK	22.11
n77(3700-3980)	30	70	663000	1@187	DFT_QPSK	22.44
n77(3700-3980)	30	70	663000	180@0	DFT_16QAM	20.41
n77(3700-3980)	30	70	663000	90@45	DFT_16QAM	21.4
n77(3700-3980)	30	70	663000	1@1	DFT_16QAM	20.89
n77(3700-3980)	30	70	663000	1@187	DFT_16QAM	21.21
n77(3700-3980)	30	70	663000	180@0	DFT_64QAM	19.92
n77(3700-3980)	30	70	663000	90@45	DFT_64QAM	19.97

n77(3700-3980)	30	70	663000	1@1	DFT_64QAM	19.81
n77(3700-3980)	30	70	663000	1@187	DFT_64QAM	20.09
n77(3700-3980)	30	70	663000	180@0	DFT_256QAM	17.94
n77(3700-3980)	30	70	663000	90@45	DFT_256QAM	17.94
n77(3700-3980)	30	70	663000	1@1	DFT_256QAM	17.63
n77(3700-3980)	30	70	663000	1@187	DFT_256QAM	17.97
n77(3700-3980)	30	70	663000	189@0	CP_QPSK	19.39
n77(3700-3980)	30	70	663000	95@47	CP_QPSK	20.87
n77(3700-3980)	30	70	663000	1@1	CP_QPSK	20.63
n77(3700-3980)	30	70	663000	1@187	CP_QPSK	20.98
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	22.16
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	22.75
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	22.42
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	23.04
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	21.68
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	22.75
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	22.48
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	23.19
n77(3700-3980)	30	80	649334	216@0	DFT_16QAM	20.67
n77(3700-3980)	30	80	649334	108@54	DFT_16QAM	21.63
n77(3700-3980)	30	80	649334	1@1	DFT_16QAM	21.14
n77(3700-3980)	30	80	649334	1@215	DFT_16QAM	21.8
n77(3700-3980)	30	80	649334	216@0	DFT_64QAM	20.18
n77(3700-3980)	30	80	649334	108@54	DFT_64QAM	20.16
n77(3700-3980)	30	80	649334	1@1	DFT_64QAM	19.86
n77(3700-3980)	30	80	649334	1@215	DFT_64QAM	20.54
n77(3700-3980)	30	80	649334	216@0	DFT_256QAM	18.3
n77(3700-3980)	30	80	649334	108@54	DFT_256QAM	18.17
n77(3700-3980)	30	80	649334	1@1	DFT_256QAM	17.84
n77(3700-3980)	30	80	649334	1@215	DFT_256QAM	18.51
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	19.62
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	21.1
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	20.84

n77(3700-3980)	30	80	649334	1@215	CP_QPSK	21.48
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	22.03
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	22.56
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	22.14
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	22.72
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	21.52
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	22.48
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	22.2
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	22.75
n77(3700-3980)	30	80	656000	216@0	DFT_16QAM	20.48
n77(3700-3980)	30	80	656000	108@54	DFT_16QAM	21.5
n77(3700-3980)	30	80	656000	1@1	DFT_16QAM	20.87
n77(3700-3980)	30	80	656000	1@215	DFT_16QAM	21.54
n77(3700-3980)	30	80	656000	216@0	DFT_64QAM	20.02
n77(3700-3980)	30	80	656000	108@54	DFT_64QAM	20.04
n77(3700-3980)	30	80	656000	1@1	DFT_64QAM	19.66
n77(3700-3980)	30	80	656000	1@215	DFT_64QAM	20.28
n77(3700-3980)	30	80	656000	216@0	DFT_256QAM	18.04
n77(3700-3980)	30	80	656000	108@54	DFT_256QAM	18.05
n77(3700-3980)	30	80	656000	1@1	DFT_256QAM	17.63
n77(3700-3980)	30	80	656000	1@215	DFT_256QAM	17.8
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	19.51
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	20.98
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	20.65
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	21.2
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	21.9
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	22.39
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	22.04
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	22.42
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	21.41
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	22.31
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	22.09
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	22.5

n77(3700-3980)	30	80	662666	216@0	DFT_16QAM	20.37
n77(3700-3980)	30	80	662666	108@54	DFT_16QAM	21.42
n77(3700-3980)	30	80	662666	1@1	DFT_16QAM	20.86
n77(3700-3980)	30	80	662666	1@215	DFT_16QAM	21.23
n77(3700-3980)	30	80	662666	216@0	DFT_64QAM	19.89
n77(3700-3980)	30	80	662666	108@54	DFT_64QAM	19.95
n77(3700-3980)	30	80	662666	1@1	DFT_64QAM	19.64
n77(3700-3980)	30	80	662666	1@215	DFT_64QAM	20.05
n77(3700-3980)	30	80	662666	216@0	DFT_256QAM	17.89
n77(3700-3980)	30	80	662666	108@54	DFT_256QAM	17.92
n77(3700-3980)	30	80	662666	1@1	DFT_256QAM	17.57
n77(3700-3980)	30	80	662666	1@215	DFT_256QAM	17.6
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	19.33
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	20.87
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	20.6
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	21
n77(3700-3980)	30	90	649668	243@0	DFT_BPSK	22.24
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	22.84
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	22.43
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	23.16
n77(3700-3980)	30	90	649668	243@0	DFT_QPSK	21.72
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	22.77
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	22.42
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	23.18
n77(3700-3980)	30	90	649668	243@0	DFT_16QAM	20.76
n77(3700-3980)	30	90	649668	120@60	DFT_16QAM	21.71
n77(3700-3980)	30	90	649668	1@1	DFT_16QAM	21.14
n77(3700-3980)	30	90	649668	1@243	DFT_16QAM	21.88
n77(3700-3980)	30	90	649668	243@0	DFT_64QAM	20.26
n77(3700-3980)	30	90	649668	120@60	DFT_64QAM	20.23
n77(3700-3980)	30	90	649668	1@1	DFT_64QAM	19.87
n77(3700-3980)	30	90	649668	1@243	DFT_64QAM	20.54
n77(3700-3980)	30	90	649668	243@0	DFT_256QAM	18.3

n77(3700-3980)	30	90	649668	120@60	DFT_256QAM	18.24
n77(3700-3980)	30	90	649668	1@1	DFT_256QAM	18.4
n77(3700-3980)	30	90	649668	1@243	DFT_256QAM	18.56
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	19.73
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	21.17
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	20.82
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	21.55
n77(3700-3980)	30	90	656000	243@0	DFT_BPSK	22
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	22.48
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	22.07
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	22.84
n77(3700-3980)	30	90	656000	243@0	DFT_QPSK	21.52
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	22.47
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	22.19
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	22.84
n77(3700-3980)	30	90	656000	243@0	DFT_16QAM	20.52
n77(3700-3980)	30	90	656000	120@60	DFT_16QAM	21.52
n77(3700-3980)	30	90	656000	1@1	DFT_16QAM	20.83
n77(3700-3980)	30	90	656000	1@243	DFT_16QAM	21.54
n77(3700-3980)	30	90	656000	243@0	DFT_64QAM	20.01
n77(3700-3980)	30	90	656000	120@60	DFT_64QAM	20.04
n77(3700-3980)	30	90	656000	1@1	DFT_64QAM	19.7
n77(3700-3980)	30	90	656000	1@243	DFT_64QAM	20.37
n77(3700-3980)	30	90	656000	243@0	DFT_256QAM	18.05
n77(3700-3980)	30	90	656000	120@60	DFT_256QAM	18.07
n77(3700-3980)	30	90	656000	1@1	DFT_256QAM	17.53
n77(3700-3980)	30	90	656000	1@243	DFT_256QAM	18.25
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	19.49
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	20.97
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	20.55
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	21.27
n77(3700-3980)	30	90	662332	243@0	DFT_BPSK	21.99
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	22.41

n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	22.07
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	22.53
n77(3700-3980)	30	90	662332	243@0	DFT_QPSK	21.49
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	22.42
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	22.1
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	22.61
n77(3700-3980)	30	90	662332	243@0	DFT_16QAM	20.48
n77(3700-3980)	30	90	662332	120@60	DFT_16QAM	21.5
n77(3700-3980)	30	90	662332	1@1	DFT_16QAM	20.9
n77(3700-3980)	30	90	662332	1@243	DFT_16QAM	21.36
n77(3700-3980)	30	90	662332	243@0	DFT_64QAM	20
n77(3700-3980)	30	90	662332	120@60	DFT_64QAM	20.05
n77(3700-3980)	30	90	662332	1@1	DFT_64QAM	19.69
n77(3700-3980)	30	90	662332	1@243	DFT_64QAM	20.11
n77(3700-3980)	30	90	662332	243@0	DFT_256QAM	18.02
n77(3700-3980)	30	90	662332	120@60	DFT_256QAM	17.5
n77(3700-3980)	30	90	662332	1@1	DFT_256QAM	17.63
n77(3700-3980)	30	90	662332	1@243	DFT_256QAM	18.07
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	19.44
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	20.94
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	20.6
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	21.11
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	22.26
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	22.89
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	22.48
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	23.17
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	21.73
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	22.81
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	22.49
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	23.24
n77(3700-3980)	30	100	650000	270@0	DFT_16QAM	20.74
n77(3700-3980)	30	100	650000	135@67	DFT_16QAM	21.74
n77(3700-3980)	30	100	650000	1@1	DFT_16QAM	21.15

n77(3700-3980)	30	100	650000	1@271	DFT_16QAM	21.91
n77(3700-3980)	30	100	650000	270@0	DFT_64QAM	20.26
n77(3700-3980)	30	100	650000	135@67	DFT_64QAM	20.26
n77(3700-3980)	30	100	650000	1@1	DFT_64QAM	19.81
n77(3700-3980)	30	100	650000	1@271	DFT_64QAM	20.62
n77(3700-3980)	30	100	650000	270@0	DFT_256QAM	18.28
n77(3700-3980)	30	100	650000	135@67	DFT_256QAM	18.27
n77(3700-3980)	30	100	650000	1@1	DFT_256QAM	18.3
n77(3700-3980)	30	100	650000	1@271	DFT_256QAM	18.63
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	19.74
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	21.21
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	20.82
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	21.59
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	22.01
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	22.54
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	22.16
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	22.8
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	21.49
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	22.46
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	22.18
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	22.81
n77(3700-3980)	30	100	656000	270@0	DFT_16QAM	20.49
n77(3700-3980)	30	100	656000	135@67	DFT_16QAM	21.52
n77(3700-3980)	30	100	656000	1@1	DFT_16QAM	20.82
n77(3700-3980)	30	100	656000	1@271	DFT_16QAM	21.55
n77(3700-3980)	30	100	656000	270@0	DFT_64QAM	20.02
n77(3700-3980)	30	100	656000	135@67	DFT_64QAM	20.05
n77(3700-3980)	30	100	656000	1@1	DFT_64QAM	19.52
n77(3700-3980)	30	100	656000	1@271	DFT_64QAM	20.28
n77(3700-3980)	30	100	656000	270@0	DFT_256QAM	18.36
n77(3700-3980)	30	100	656000	135@67	DFT_256QAM	18.06
n77(3700-3980)	30	100	656000	1@1	DFT_256QAM	17.53
n77(3700-3980)	30	100	656000	1@271	DFT_256QAM	18.33

n77(3700-3980)	30	100	656000	273@0	CP_QPSK	19.46
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	20.95
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	20.55
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	21.24
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	22.03
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	22.46
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	22.13
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	22.64
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	21.51
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	22.42
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	22.16
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	22.73
n77(3700-3980)	30	100	662000	270@0	DFT_16QAM	20.51
n77(3700-3980)	30	100	662000	135@67	DFT_16QAM	21.56
n77(3700-3980)	30	100	662000	1@1	DFT_16QAM	20.9
n77(3700-3980)	30	100	662000	1@271	DFT_16QAM	21.43
n77(3700-3980)	30	100	662000	270@0	DFT_64QAM	20.03
n77(3700-3980)	30	100	662000	135@67	DFT_64QAM	20.08
n77(3700-3980)	30	100	662000	1@1	DFT_64QAM	19.65
n77(3700-3980)	30	100	662000	1@271	DFT_64QAM	20.2
n77(3700-3980)	30	100	662000	270@0	DFT_256QAM	18.06
n77(3700-3980)	30	100	662000	135@67	DFT_256QAM	17.24
n77(3700-3980)	30	100	662000	1@1	DFT_256QAM	17.62
n77(3700-3980)	30	100	662000	1@271	DFT_256QAM	18.21
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	19.5
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	21.03
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	20.57
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	21.16

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	22.12
n78(3450-3550)	30	10	630334	12@6	DFT_BPSK	22.56
n78(3450-3550)	30	10	630334	1@1	DFT_BPSK	22.63
n78(3450-3550)	30	10	630334	1@22	DFT_BPSK	22.56
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	21.57
n78(3450-3550)	30	10	630334	12@6	DFT_QPSK	22.75
n78(3450-3550)	30	10	630334	1@1	DFT_QPSK	22.66
n78(3450-3550)	30	10	630334	1@22	DFT_QPSK	22.62
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	20.72
n78(3450-3550)	30	10	630334	12@6	DFT_16QAM	21.59
n78(3450-3550)	30	10	630334	1@1	DFT_16QAM	21.45
n78(3450-3550)	30	10	630334	1@22	DFT_16QAM	21.39
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	20.24
n78(3450-3550)	30	10	630334	12@6	DFT_64QAM	20.22
n78(3450-3550)	30	10	630334	1@1	DFT_64QAM	20.04
n78(3450-3550)	30	10	630334	1@22	DFT_64QAM	20.03
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	18.3
n78(3450-3550)	30	10	630334	12@6	DFT_256QAM	18.31
n78(3450-3550)	30	10	630334	1@1	DFT_256QAM	18.5
n78(3450-3550)	30	10	630334	1@22	DFT_256QAM	17.98
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	19.59
n78(3450-3550)	30	10	630334	12@6	CP_QPSK	21.03
n78(3450-3550)	30	10	630334	1@1	CP_QPSK	21.08
n78(3450-3550)	30	10	630334	1@22	CP_QPSK	21.05
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	22.05
n78(3450-3550)	30	10	633334	12@6	DFT_BPSK	22.6
n78(3450-3550)	30	10	633334	1@1	DFT_BPSK	22.63
n78(3450-3550)	30	10	633334	1@22	DFT_BPSK	22.48
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	21.52
n78(3450-3550)	30	10	633334	12@6	DFT_QPSK	22.71
n78(3450-3550)	30	10	633334	1@1	DFT_QPSK	22.66
n78(3450-3550)	30	10	633334	1@22	DFT_QPSK	22.51

n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	20.53
n78(3450-3550)	30	10	633334	12@6	DFT_16QAM	21.62
n78(3450-3550)	30	10	633334	1@1	DFT_16QAM	21.37
n78(3450-3550)	30	10	633334	1@22	DFT_16QAM	21.27
n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	20.11
n78(3450-3550)	30	10	633334	12@6	DFT_64QAM	20.14
n78(3450-3550)	30	10	633334	1@1	DFT_64QAM	20.01
n78(3450-3550)	30	10	633334	1@22	DFT_64QAM	19.89
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	18.09
n78(3450-3550)	30	10	633334	12@6	DFT_256QAM	18.24
n78(3450-3550)	30	10	633334	1@1	DFT_256QAM	17.99
n78(3450-3550)	30	10	633334	1@22	DFT_256QAM	17.42
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	19.51
n78(3450-3550)	30	10	633334	12@6	CP_QPSK	20.91
n78(3450-3550)	30	10	633334	1@1	CP_QPSK	21.15
n78(3450-3550)	30	10	633334	1@22	CP_QPSK	20.98
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	21.95
n78(3450-3550)	30	10	636332	12@6	DFT_BPSK	22.42
n78(3450-3550)	30	10	636332	1@1	DFT_BPSK	22.5
n78(3450-3550)	30	10	636332	1@22	DFT_BPSK	22.45
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	21.4
n78(3450-3550)	30	10	636332	12@6	DFT_QPSK	22.54
n78(3450-3550)	30	10	636332	1@1	DFT_QPSK	22.52
n78(3450-3550)	30	10	636332	1@22	DFT_QPSK	22.51
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	20.52
n78(3450-3550)	30	10	636332	12@6	DFT_16QAM	21.44
n78(3450-3550)	30	10	636332	1@1	DFT_16QAM	21.28
n78(3450-3550)	30	10	636332	1@22	DFT_16QAM	21.25
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	19.96
n78(3450-3550)	30	10	636332	12@6	DFT_64QAM	20.02
n78(3450-3550)	30	10	636332	1@1	DFT_64QAM	19.9
n78(3450-3550)	30	10	636332	1@22	DFT_64QAM	19.84
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	17.93

n78(3450-3550)	30	10	636332	12@6	DFT_256QAM	18.05
n78(3450-3550)	30	10	636332	1@1	DFT_256QAM	17.89
n78(3450-3550)	30	10	636332	1@22	DFT_256QAM	17.29
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	19.41
n78(3450-3550)	30	10	636332	12@6	CP_QPSK	20.86
n78(3450-3550)	30	10	636332	1@1	CP_QPSK	21.02
n78(3450-3550)	30	10	636332	1@22	CP_QPSK	20.91
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	22.05
n78(3450-3550)	30	15	630500	18@9	DFT_BPSK	22.58
n78(3450-3550)	30	15	630500	1@1	DFT_BPSK	22.6
n78(3450-3550)	30	15	630500	1@36	DFT_BPSK	22.55
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	21.58
n78(3450-3550)	30	15	630500	18@9	DFT_QPSK	22.65
n78(3450-3550)	30	15	630500	1@1	DFT_QPSK	22.68
n78(3450-3550)	30	15	630500	1@36	DFT_QPSK	22.62
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	20.59
n78(3450-3550)	30	15	630500	18@9	DFT_16QAM	21.59
n78(3450-3550)	30	15	630500	1@1	DFT_16QAM	21.36
n78(3450-3550)	30	15	630500	1@36	DFT_16QAM	21.27
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	20.06
n78(3450-3550)	30	15	630500	18@9	DFT_64QAM	20.2
n78(3450-3550)	30	15	630500	1@1	DFT_64QAM	20.12
n78(3450-3550)	30	15	630500	1@36	DFT_64QAM	20.01
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	18.04
n78(3450-3550)	30	15	630500	18@9	DFT_256QAM	18.1
n78(3450-3550)	30	15	630500	1@1	DFT_256QAM	18.03
n78(3450-3550)	30	15	630500	1@36	DFT_256QAM	18.4
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	19.52
n78(3450-3550)	30	15	630500	19@9	CP_QPSK	21.01
n78(3450-3550)	30	15	630500	1@1	CP_QPSK	21.07
n78(3450-3550)	30	15	630500	1@36	CP_QPSK	20.96
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	22
n78(3450-3550)	30	15	633334	18@9	DFT_BPSK	22.51

n78(3450-3550)	30	15	633334	1@1	DFT_BPSK	22.62
n78(3450-3550)	30	15	633334	1@36	DFT_BPSK	22.47
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	21.51
n78(3450-3550)	30	15	633334	18@9	DFT_QPSK	22.62
n78(3450-3550)	30	15	633334	1@1	DFT_QPSK	22.64
n78(3450-3550)	30	15	633334	1@36	DFT_QPSK	22.54
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	20.55
n78(3450-3550)	30	15	633334	18@9	DFT_16QAM	21.5
n78(3450-3550)	30	15	633334	1@1	DFT_16QAM	21.3
n78(3450-3550)	30	15	633334	1@36	DFT_16QAM	21.14
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	19.97
n78(3450-3550)	30	15	633334	18@9	DFT_64QAM	20.1
n78(3450-3550)	30	15	633334	1@1	DFT_64QAM	19.96
n78(3450-3550)	30	15	633334	1@36	DFT_64QAM	19.81
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	17.99
n78(3450-3550)	30	15	633334	18@9	DFT_256QAM	18.04
n78(3450-3550)	30	15	633334	1@1	DFT_256QAM	17.97
n78(3450-3550)	30	15	633334	1@36	DFT_256QAM	17.4
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	19.45
n78(3450-3550)	30	15	633334	19@9	CP_QPSK	21.04
n78(3450-3550)	30	15	633334	1@1	CP_QPSK	21.07
n78(3450-3550)	30	15	633334	1@36	CP_QPSK	20.9
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	21.86
n78(3450-3550)	30	15	636166	18@9	DFT_BPSK	22.47
n78(3450-3550)	30	15	636166	1@1	DFT_BPSK	22.55
n78(3450-3550)	30	15	636166	1@36	DFT_BPSK	22.42
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	21.4
n78(3450-3550)	30	15	636166	18@9	DFT_QPSK	22.46
n78(3450-3550)	30	15	636166	1@1	DFT_QPSK	22.61
n78(3450-3550)	30	15	636166	1@36	DFT_QPSK	22.49
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	20.44
n78(3450-3550)	30	15	636166	18@9	DFT_16QAM	21.4
n78(3450-3550)	30	15	636166	1@1	DFT_16QAM	21.24

n78(3450-3550)	30	15	636166	1@36	DFT_16QAM	21.11
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	19.93
n78(3450-3550)	30	15	636166	18@9	DFT_64QAM	20.01
n78(3450-3550)	30	15	636166	1@1	DFT_64QAM	19.94
n78(3450-3550)	30	15	636166	1@36	DFT_64QAM	19.78
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	17.58
n78(3450-3550)	30	15	636166	18@9	DFT_256QAM	17.89
n78(3450-3550)	30	15	636166	1@1	DFT_256QAM	17.91
n78(3450-3550)	30	15	636166	1@36	DFT_256QAM	17.82
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	19.32
n78(3450-3550)	30	15	636166	19@9	CP_QPSK	20.89
n78(3450-3550)	30	15	636166	1@1	CP_QPSK	20.96
n78(3450-3550)	30	15	636166	1@36	CP_QPSK	20.82
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	22.1
n78(3450-3550)	30	20	630668	25@12	DFT_BPSK	22.63
n78(3450-3550)	30	20	630668	1@1	DFT_BPSK	22.75
n78(3450-3550)	30	20	630668	1@49	DFT_BPSK	22.55
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	21.59
n78(3450-3550)	30	20	630668	25@12	DFT_QPSK	22.67
n78(3450-3550)	30	20	630668	1@1	DFT_QPSK	22.73
n78(3450-3550)	30	20	630668	1@49	DFT_QPSK	22.63
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	20.54
n78(3450-3550)	30	20	630668	25@12	DFT_16QAM	21.58
n78(3450-3550)	30	20	630668	1@1	DFT_16QAM	21.44
n78(3450-3550)	30	20	630668	1@49	DFT_16QAM	21.31
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	20.04
n78(3450-3550)	30	20	630668	25@12	DFT_64QAM	20.11
n78(3450-3550)	30	20	630668	1@1	DFT_64QAM	20.09
n78(3450-3550)	30	20	630668	1@49	DFT_64QAM	19.97
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	18.07
n78(3450-3550)	30	20	630668	25@12	DFT_256QAM	18.07
n78(3450-3550)	30	20	630668	1@1	DFT_256QAM	17.5
n78(3450-3550)	30	20	630668	1@49	DFT_256QAM	17.95

n78(3450-3550)	30	20	630668	51@0	CP_QPSK	19.58
n78(3450-3550)	30	20	630668	25@12	CP_QPSK	21.12
n78(3450-3550)	30	20	630668	1@1	CP_QPSK	21.09
n78(3450-3550)	30	20	630668	1@49	CP_QPSK	20.97
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	22.01
n78(3450-3550)	30	20	633334	25@12	DFT_BPSK	22.63
n78(3450-3550)	30	20	633334	1@1	DFT_BPSK	22.62
n78(3450-3550)	30	20	633334	1@49	DFT_BPSK	22.46
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	21.53
n78(3450-3550)	30	20	633334	25@12	DFT_QPSK	22.61
n78(3450-3550)	30	20	633334	1@1	DFT_QPSK	22.65
n78(3450-3550)	30	20	633334	1@49	DFT_QPSK	22.47
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	20.44
n78(3450-3550)	30	20	633334	25@12	DFT_16QAM	21.5
n78(3450-3550)	30	20	633334	1@1	DFT_16QAM	21.38
n78(3450-3550)	30	20	633334	1@49	DFT_16QAM	21.14
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	19.96
n78(3450-3550)	30	20	633334	25@12	DFT_64QAM	20.01
n78(3450-3550)	30	20	633334	1@1	DFT_64QAM	20.07
n78(3450-3550)	30	20	633334	1@49	DFT_64QAM	19.82
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	17.99
n78(3450-3550)	30	20	633334	25@12	DFT_256QAM	18.01
n78(3450-3550)	30	20	633334	1@1	DFT_256QAM	18.04
n78(3450-3550)	30	20	633334	1@49	DFT_256QAM	17.83
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	19.48
n78(3450-3550)	30	20	633334	25@12	CP_QPSK	21
n78(3450-3550)	30	20	633334	1@1	CP_QPSK	21.08
n78(3450-3550)	30	20	633334	1@49	CP_QPSK	20.82
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	21.94
n78(3450-3550)	30	20	636000	25@12	DFT_BPSK	22.44
n78(3450-3550)	30	20	636000	1@1	DFT_BPSK	22.67
n78(3450-3550)	30	20	636000	1@49	DFT_BPSK	22.44
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	21.44

n78(3450-3550)	30	20	636000	25@12	DFT_QPSK	22.58
n78(3450-3550)	30	20	636000	1@1	DFT_QPSK	22.59
n78(3450-3550)	30	20	636000	1@49	DFT_QPSK	22.48
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	20.38
n78(3450-3550)	30	20	636000	25@12	DFT_16QAM	21.39
n78(3450-3550)	30	20	636000	1@1	DFT_16QAM	21.39
n78(3450-3550)	30	20	636000	1@49	DFT_16QAM	21.24
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	19.84
n78(3450-3550)	30	20	636000	25@12	DFT_64QAM	19.94
n78(3450-3550)	30	20	636000	1@1	DFT_64QAM	19.99
n78(3450-3550)	30	20	636000	1@49	DFT_64QAM	19.83
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	17.29
n78(3450-3550)	30	20	636000	25@12	DFT_256QAM	17.93
n78(3450-3550)	30	20	636000	1@1	DFT_256QAM	18
n78(3450-3550)	30	20	636000	1@49	DFT_256QAM	17.81
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	19.39
n78(3450-3550)	30	20	636000	25@12	CP_QPSK	20.92
n78(3450-3550)	30	20	636000	1@1	CP_QPSK	20.99
n78(3450-3550)	30	20	636000	1@49	CP_QPSK	20.83
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	22.11
n78(3450-3550)	30	40	631334	50@25	DFT_BPSK	22.61
n78(3450-3550)	30	40	631334	1@1	DFT_BPSK	22.67
n78(3450-3550)	30	40	631334	1@104	DFT_BPSK	22.57
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	21.61
n78(3450-3550)	30	40	631334	50@25	DFT_QPSK	22.55
n78(3450-3550)	30	40	631334	1@1	DFT_QPSK	22.74
n78(3450-3550)	30	40	631334	1@104	DFT_QPSK	22.62
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	20.6
n78(3450-3550)	30	40	631334	50@25	DFT_16QAM	21.53
n78(3450-3550)	30	40	631334	1@1	DFT_16QAM	21.46
n78(3450-3550)	30	40	631334	1@104	DFT_16QAM	21.3
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	20.1
n78(3450-3550)	30	40	631334	50@25	DFT_64QAM	20.07

n78(3450-3550)	30	40	631334	1@1	DFT_64QAM	20.2
n78(3450-3550)	30	40	631334	1@104	DFT_64QAM	20.04
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	18.11
n78(3450-3550)	30	40	631334	50@25	DFT_256QAM	18.04
n78(3450-3550)	30	40	631334	1@1	DFT_256QAM	18.16
n78(3450-3550)	30	40	631334	1@104	DFT_256QAM	18.04
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	19.59
n78(3450-3550)	30	40	631334	53@26	CP_QPSK	21.06
n78(3450-3550)	30	40	631334	1@1	CP_QPSK	21.17
n78(3450-3550)	30	40	631334	1@104	CP_QPSK	21
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	22.09
n78(3450-3550)	30	40	633334	50@25	DFT_BPSK	22.61
n78(3450-3550)	30	40	633334	1@1	DFT_BPSK	22.61
n78(3450-3550)	30	40	633334	1@104	DFT_BPSK	22.44
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	21.61
n78(3450-3550)	30	40	633334	50@25	DFT_QPSK	22.56
n78(3450-3550)	30	40	633334	1@1	DFT_QPSK	22.69
n78(3450-3550)	30	40	633334	1@104	DFT_QPSK	22.48
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	20.58
n78(3450-3550)	30	40	633334	50@25	DFT_16QAM	21.59
n78(3450-3550)	30	40	633334	1@1	DFT_16QAM	21.37
n78(3450-3550)	30	40	633334	1@104	DFT_16QAM	21.19
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	20.05
n78(3450-3550)	30	40	633334	50@25	DFT_64QAM	20.07
n78(3450-3550)	30	40	633334	1@1	DFT_64QAM	20.09
n78(3450-3550)	30	40	633334	1@104	DFT_64QAM	19.89
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	18.08
n78(3450-3550)	30	40	633334	50@25	DFT_256QAM	18.1
n78(3450-3550)	30	40	633334	1@1	DFT_256QAM	18.09
n78(3450-3550)	30	40	633334	1@104	DFT_256QAM	17.89
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	19.53
n78(3450-3550)	30	40	633334	53@26	CP_QPSK	21.07
n78(3450-3550)	30	40	633334	1@1	CP_QPSK	21.11

n78(3450-3550)	30	40	633334	1@104	CP_QPSK	20.91
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	22
n78(3450-3550)	30	40	635332	50@25	DFT_BPSK	22.56
n78(3450-3550)	30	40	635332	1@1	DFT_BPSK	22.57
n78(3450-3550)	30	40	635332	1@104	DFT_BPSK	22.38
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	21.53
n78(3450-3550)	30	40	635332	50@25	DFT_QPSK	22.55
n78(3450-3550)	30	40	635332	1@1	DFT_QPSK	22.6
n78(3450-3550)	30	40	635332	1@104	DFT_QPSK	22.43
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	20.5
n78(3450-3550)	30	40	635332	50@25	DFT_16QAM	21.56
n78(3450-3550)	30	40	635332	1@1	DFT_16QAM	21.36
n78(3450-3550)	30	40	635332	1@104	DFT_16QAM	21.16
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	20.03
n78(3450-3550)	30	40	635332	50@25	DFT_64QAM	20.08
n78(3450-3550)	30	40	635332	1@1	DFT_64QAM	20.05
n78(3450-3550)	30	40	635332	1@104	DFT_64QAM	19.78
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	18.03
n78(3450-3550)	30	40	635332	50@25	DFT_256QAM	18.08
n78(3450-3550)	30	40	635332	1@1	DFT_256QAM	18.01
n78(3450-3550)	30	40	635332	1@104	DFT_256QAM	17.83
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	19.49
n78(3450-3550)	30	40	635332	53@26	CP_QPSK	21.09
n78(3450-3550)	30	40	635332	1@1	CP_QPSK	21.05
n78(3450-3550)	30	40	635332	1@104	CP_QPSK	20.83
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	22.11
n78(3450-3550)	30	50	631668	64@32	DFT_BPSK	22.58
n78(3450-3550)	30	50	631668	1@1	DFT_BPSK	22.61
n78(3450-3550)	30	50	631668	1@131	DFT_BPSK	22.5
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	21.61
n78(3450-3550)	30	50	631668	64@32	DFT_QPSK	22.6
n78(3450-3550)	30	50	631668	1@1	DFT_QPSK	22.69
n78(3450-3550)	30	50	631668	1@131	DFT_QPSK	22.54

n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	20.61
n78(3450-3550)	30	50	631668	64@32	DFT_16QAM	21.56
n78(3450-3550)	30	50	631668	1@1	DFT_16QAM	21.55
n78(3450-3550)	30	50	631668	1@131	DFT_16QAM	21.35
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	20.09
n78(3450-3550)	30	50	631668	64@32	DFT_64QAM	20.11
n78(3450-3550)	30	50	631668	1@1	DFT_64QAM	20.1
n78(3450-3550)	30	50	631668	1@131	DFT_64QAM	19.98
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	18.12
n78(3450-3550)	30	50	631668	64@32	DFT_256QAM	18.09
n78(3450-3550)	30	50	631668	1@1	DFT_256QAM	18.09
n78(3450-3550)	30	50	631668	1@131	DFT_256QAM	17.98
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	19.56
n78(3450-3550)	30	50	631668	67@33	CP_QPSK	21.07
n78(3450-3550)	30	50	631668	1@1	CP_QPSK	21.15
n78(3450-3550)	30	50	631668	1@131	CP_QPSK	20.96
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	22.09
n78(3450-3550)	30	50	633334	64@32	DFT_BPSK	22.63
n78(3450-3550)	30	50	633334	1@1	DFT_BPSK	22.55
n78(3450-3550)	30	50	633334	1@131	DFT_BPSK	22.42
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	21.59
n78(3450-3550)	30	50	633334	64@32	DFT_QPSK	22.57
n78(3450-3550)	30	50	633334	1@1	DFT_QPSK	22.66
n78(3450-3550)	30	50	633334	1@131	DFT_QPSK	22.53
n78(3450-3550)	30	50	633334	128@0	DFT_16QAM	20.57
n78(3450-3550)	30	50	633334	64@32	DFT_16QAM	21.53
n78(3450-3550)	30	50	633334	1@1	DFT_16QAM	21.31
n78(3450-3550)	30	50	633334	1@131	DFT_16QAM	21.16
n78(3450-3550)	30	50	633334	128@0	DFT_64QAM	20.09
n78(3450-3550)	30	50	633334	64@32	DFT_64QAM	20.11
n78(3450-3550)	30	50	633334	1@1	DFT_64QAM	20
n78(3450-3550)	30	50	633334	1@131	DFT_64QAM	19.84
n78(3450-3550)	30	50	633334	128@0	DFT_256QAM	18.11

n78(3450-3550)	30	50	633334	64@32	DFT_256QAM	18.12
n78(3450-3550)	30	50	633334	1@1	DFT_256QAM	18.06
n78(3450-3550)	30	50	633334	1@131	DFT_256QAM	18.2
n78(3450-3550)	30	50	633334	133@0	CP_QPSK	19.55
n78(3450-3550)	30	50	633334	67@33	CP_QPSK	21.09
n78(3450-3550)	30	50	633334	1@1	CP_QPSK	21.05
n78(3450-3550)	30	50	633334	1@131	CP_QPSK	20.89
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	21.97
n78(3450-3550)	30	50	635000	64@32	DFT_BPSK	22.54
n78(3450-3550)	30	50	635000	1@1	DFT_BPSK	22.51
n78(3450-3550)	30	50	635000	1@131	DFT_BPSK	22.28
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	21.47
n78(3450-3550)	30	50	635000	64@32	DFT_QPSK	22.46
n78(3450-3550)	30	50	635000	1@1	DFT_QPSK	22.57
n78(3450-3550)	30	50	635000	1@131	DFT_QPSK	22.27
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	20.47
n78(3450-3550)	30	50	635000	64@32	DFT_16QAM	21.44
n78(3450-3550)	30	50	635000	1@1	DFT_16QAM	21.33
n78(3450-3550)	30	50	635000	1@131	DFT_16QAM	21
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	19.96
n78(3450-3550)	30	50	635000	64@32	DFT_64QAM	19.98
n78(3450-3550)	30	50	635000	1@1	DFT_64QAM	20.01
n78(3450-3550)	30	50	635000	1@131	DFT_64QAM	19.71
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	17.97
n78(3450-3550)	30	50	635000	64@32	DFT_256QAM	18
n78(3450-3550)	30	50	635000	1@1	DFT_256QAM	18.02
n78(3450-3550)	30	50	635000	1@131	DFT_256QAM	18.2
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	19.41
n78(3450-3550)	30	50	635000	67@33	CP_QPSK	20.95
n78(3450-3550)	30	50	635000	1@1	CP_QPSK	21.02
n78(3450-3550)	30	50	635000	1@131	CP_QPSK	20.73
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	22.03
n78(3450-3550)	30	60	632000	81@40	DFT_BPSK	22.54

n78(3450-3550)	30	60	632000	1@1	DFT_BPSK	22.62
n78(3450-3550)	30	60	632000	1@160	DFT_BPSK	22.31
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	21.55
n78(3450-3550)	30	60	632000	81@40	DFT_QPSK	22.54
n78(3450-3550)	30	60	632000	1@1	DFT_QPSK	22.66
n78(3450-3550)	30	60	632000	1@160	DFT_QPSK	22.4
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	20.53
n78(3450-3550)	30	60	632000	81@40	DFT_16QAM	21.53
n78(3450-3550)	30	60	632000	1@1	DFT_16QAM	21.47
n78(3450-3550)	30	60	632000	1@160	DFT_16QAM	21.14
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	20.05
n78(3450-3550)	30	60	632000	81@40	DFT_64QAM	20.09
n78(3450-3550)	30	60	632000	1@1	DFT_64QAM	20.12
n78(3450-3550)	30	60	632000	1@160	DFT_64QAM	19.84
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	18.03
n78(3450-3550)	30	60	632000	81@40	DFT_256QAM	18.06
n78(3450-3550)	30	60	632000	1@1	DFT_256QAM	18.16
n78(3450-3550)	30	60	632000	1@160	DFT_256QAM	18.2
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	19.48
n78(3450-3550)	30	60	632000	81@40	CP_QPSK	20.98
n78(3450-3550)	30	60	632000	1@1	CP_QPSK	21.13
n78(3450-3550)	30	60	632000	1@160	CP_QPSK	20.8
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	22.01
n78(3450-3550)	30	60	633334	81@40	DFT_BPSK	22.51
n78(3450-3550)	30	60	633334	1@1	DFT_BPSK	22.5
n78(3450-3550)	30	60	633334	1@160	DFT_BPSK	22.41
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	21.51
n78(3450-3550)	30	60	633334	81@40	DFT_QPSK	22.51
n78(3450-3550)	30	60	633334	1@1	DFT_QPSK	22.6
n78(3450-3550)	30	60	633334	1@160	DFT_QPSK	22.47
n78(3450-3550)	30	60	633334	162@0	DFT_16QAM	20.49
n78(3450-3550)	30	60	633334	81@40	DFT_16QAM	21.52
n78(3450-3550)	30	60	633334	1@1	DFT_16QAM	21.32

n78(3450-3550)	30	60	633334	1@160	DFT_16QAM	21.16
n78(3450-3550)	30	60	633334	162@0	DFT_64QAM	20
n78(3450-3550)	30	60	633334	81@40	DFT_64QAM	20.08
n78(3450-3550)	30	60	633334	1@1	DFT_64QAM	20.08
n78(3450-3550)	30	60	633334	1@160	DFT_64QAM	19.91
n78(3450-3550)	30	60	633334	162@0	DFT_256QAM	18.03
n78(3450-3550)	30	60	633334	81@40	DFT_256QAM	18.03
n78(3450-3550)	30	60	633334	1@1	DFT_256QAM	17.5
n78(3450-3550)	30	60	633334	1@160	DFT_256QAM	17.87
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	19.48
n78(3450-3550)	30	60	633334	81@40	CP_QPSK	20.99
n78(3450-3550)	30	60	633334	1@1	CP_QPSK	21.01
n78(3450-3550)	30	60	633334	1@160	CP_QPSK	20.91
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	21.97
n78(3450-3550)	30	60	634666	81@40	DFT_BPSK	22.43
n78(3450-3550)	30	60	634666	1@1	DFT_BPSK	22.6
n78(3450-3550)	30	60	634666	1@160	DFT_BPSK	22.24
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	21.43
n78(3450-3550)	30	60	634666	81@40	DFT_QPSK	22.42
n78(3450-3550)	30	60	634666	1@1	DFT_QPSK	22.7
n78(3450-3550)	30	60	634666	1@160	DFT_QPSK	22.32
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	20.41
n78(3450-3550)	30	60	634666	81@40	DFT_16QAM	21.45
n78(3450-3550)	30	60	634666	1@1	DFT_16QAM	21.42
n78(3450-3550)	30	60	634666	1@160	DFT_16QAM	20.99
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	19.96
n78(3450-3550)	30	60	634666	81@40	DFT_64QAM	19.99
n78(3450-3550)	30	60	634666	1@1	DFT_64QAM	20.13
n78(3450-3550)	30	60	634666	1@160	DFT_64QAM	19.69
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	17.93
n78(3450-3550)	30	60	634666	81@40	DFT_256QAM	17.97
n78(3450-3550)	30	60	634666	1@1	DFT_256QAM	18.12
n78(3450-3550)	30	60	634666	1@160	DFT_256QAM	17.69

n78(3450-3550)	30	60	634666	162@0	CP_QPSK	19.4
n78(3450-3550)	30	60	634666	81@40	CP_QPSK	20.91
n78(3450-3550)	30	60	634666	1@1	CP_QPSK	21.12
n78(3450-3550)	30	60	634666	1@160	CP_QPSK	20.71
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	22.05
n78(3450-3550)	30	70	632334	90@45	DFT_BPSK	22.68
n78(3450-3550)	30	70	632334	1@1	DFT_BPSK	22.77
n78(3450-3550)	30	70	632334	1@187	DFT_BPSK	22.41
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	21.54
n78(3450-3550)	30	70	632334	90@45	DFT_QPSK	22.63
n78(3450-3550)	30	70	632334	1@1	DFT_QPSK	22.76
n78(3450-3550)	30	70	632334	1@187	DFT_QPSK	22.41
n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	20.51
n78(3450-3550)	30	70	632334	90@45	DFT_16QAM	21.55
n78(3450-3550)	30	70	632334	1@1	DFT_16QAM	21.37
n78(3450-3550)	30	70	632334	1@187	DFT_16QAM	21.03
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	20.01
n78(3450-3550)	30	70	632334	90@45	DFT_64QAM	20.1
n78(3450-3550)	30	70	632334	1@1	DFT_64QAM	20.18
n78(3450-3550)	30	70	632334	1@187	DFT_64QAM	19.79
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	18.05
n78(3450-3550)	30	70	632334	90@45	DFT_256QAM	18.1
n78(3450-3550)	30	70	632334	1@1	DFT_256QAM	18.11
n78(3450-3550)	30	70	632334	1@187	DFT_256QAM	18.3
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	19.51
n78(3450-3550)	30	70	632334	95@47	CP_QPSK	21.02
n78(3450-3550)	30	70	632334	1@1	CP_QPSK	21.12
n78(3450-3550)	30	70	632334	1@187	CP_QPSK	20.76
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	22.03
n78(3450-3550)	30	70	633334	90@45	DFT_BPSK	22.65
n78(3450-3550)	30	70	633334	1@1	DFT_BPSK	22.64
n78(3450-3550)	30	70	633334	1@187	DFT_BPSK	22.38
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	21.53

n78(3450-3550)	30	70	633334	90@45	DFT_QPSK	22.61
n78(3450-3550)	30	70	633334	1@1	DFT_QPSK	22.73
n78(3450-3550)	30	70	633334	1@187	DFT_QPSK	22.46
n78(3450-3550)	30	70	633334	180@0	DFT_16QAM	20.51
n78(3450-3550)	30	70	633334	90@45	DFT_16QAM	21.56
n78(3450-3550)	30	70	633334	1@1	DFT_16QAM	21.32
n78(3450-3550)	30	70	633334	1@187	DFT_16QAM	21.05
n78(3450-3550)	30	70	633334	180@0	DFT_64QAM	20.03
n78(3450-3550)	30	70	633334	90@45	DFT_64QAM	20.09
n78(3450-3550)	30	70	633334	1@1	DFT_64QAM	20.09
n78(3450-3550)	30	70	633334	1@187	DFT_64QAM	19.81
n78(3450-3550)	30	70	633334	180@0	DFT_256QAM	18.04
n78(3450-3550)	30	70	633334	90@45	DFT_256QAM	18.08
n78(3450-3550)	30	70	633334	1@1	DFT_256QAM	17.6
n78(3450-3550)	30	70	633334	1@187	DFT_256QAM	17.75
n78(3450-3550)	30	70	633334	189@0	CP_QPSK	19.53
n78(3450-3550)	30	70	633334	95@47	CP_QPSK	21.02
n78(3450-3550)	30	70	633334	1@1	CP_QPSK	21.09
n78(3450-3550)	30	70	633334	1@187	CP_QPSK	20.77
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	22.02
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	22.61
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	22.71
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	22.33
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	21.51
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	22.59
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	22.82
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	22.35
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	20.5
n78(3450-3550)	30	70	634332	90@45	DFT_16QAM	21.54
n78(3450-3550)	30	70	634332	1@1	DFT_16QAM	21.42
n78(3450-3550)	30	70	634332	1@187	DFT_16QAM	20.94
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	19.99
n78(3450-3550)	30	70	634332	90@45	DFT_64QAM	20.05

n78(3450-3550)	30	70	634332	1@1	DFT_64QAM	20.2
n78(3450-3550)	30	70	634332	1@187	DFT_64QAM	19.66
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	18.01
n78(3450-3550)	30	70	634332	90@45	DFT_256QAM	18.05
n78(3450-3550)	30	70	634332	1@1	DFT_256QAM	18.12
n78(3450-3550)	30	70	634332	1@187	DFT_256QAM	17.62
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	19.5
n78(3450-3550)	30	70	634332	95@47	CP_QPSK	21
n78(3450-3550)	30	70	634332	1@1	CP_QPSK	21.14
n78(3450-3550)	30	70	634332	1@187	CP_QPSK	20.67
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	22.08
n78(3450-3550)	30	80	632668	108@54	DFT_BPSK	22.73
n78(3450-3550)	30	80	632668	1@1	DFT_BPSK	22.78
n78(3450-3550)	30	80	632668	1@215	DFT_BPSK	22.48
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	21.55
n78(3450-3550)	30	80	632668	108@54	DFT_QPSK	22.73
n78(3450-3550)	30	80	632668	1@1	DFT_QPSK	22.87
n78(3450-3550)	30	80	632668	1@215	DFT_QPSK	22.53
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	20.57
n78(3450-3550)	30	80	632668	108@54	DFT_16QAM	21.58
n78(3450-3550)	30	80	632668	1@1	DFT_16QAM	21.51
n78(3450-3550)	30	80	632668	1@215	DFT_16QAM	21.12
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	20.07
n78(3450-3550)	30	80	632668	108@54	DFT_64QAM	20.1
n78(3450-3550)	30	80	632668	1@1	DFT_64QAM	20.28
n78(3450-3550)	30	80	632668	1@215	DFT_64QAM	19.87
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	18.09
n78(3450-3550)	30	80	632668	108@54	DFT_256QAM	18.12
n78(3450-3550)	30	80	632668	1@1	DFT_256QAM	18.2
n78(3450-3550)	30	80	632668	1@215	DFT_256QAM	17.78
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	19.54
n78(3450-3550)	30	80	632668	109@54	CP_QPSK	21.05
n78(3450-3550)	30	80	632668	1@1	CP_QPSK	21.23

n78(3450-3550)	30	80	632668	1@215	CP_QPSK	20.82
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	22.05
n78(3450-3550)	30	80	633334	108@54	DFT_BPSK	22.71
n78(3450-3550)	30	80	633334	1@1	DFT_BPSK	22.7
n78(3450-3550)	30	80	633334	1@215	DFT_BPSK	22.4
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	21.52
n78(3450-3550)	30	80	633334	108@54	DFT_QPSK	22.7
n78(3450-3550)	30	80	633334	1@1	DFT_QPSK	22.76
n78(3450-3550)	30	80	633334	1@215	DFT_QPSK	22.43
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	20.52
n78(3450-3550)	30	80	633334	108@54	DFT_16QAM	21.57
n78(3450-3550)	30	80	633334	1@1	DFT_16QAM	21.41
n78(3450-3550)	30	80	633334	1@215	DFT_16QAM	21.03
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	20
n78(3450-3550)	30	80	633334	108@54	DFT_64QAM	20.1
n78(3450-3550)	30	80	633334	1@1	DFT_64QAM	20.15
n78(3450-3550)	30	80	633334	1@215	DFT_64QAM	19.69
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	18.04
n78(3450-3550)	30	80	633334	108@54	DFT_256QAM	18.11
n78(3450-3550)	30	80	633334	1@1	DFT_256QAM	17.6
n78(3450-3550)	30	80	633334	1@215	DFT_256QAM	17.7
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	19.51
n78(3450-3550)	30	80	633334	109@54	CP_QPSK	21.05
n78(3450-3550)	30	80	633334	1@1	CP_QPSK	21.13
n78(3450-3550)	30	80	633334	1@215	CP_QPSK	20.7
n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	21.97
n78(3450-3550)	30	80	634000	108@54	DFT_BPSK	22.65
n78(3450-3550)	30	80	634000	1@1	DFT_BPSK	22.67
n78(3450-3550)	30	80	634000	1@215	DFT_BPSK	22.28
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	21.47
n78(3450-3550)	30	80	634000	108@54	DFT_QPSK	22.62
n78(3450-3550)	30	80	634000	1@1	DFT_QPSK	22.72
n78(3450-3550)	30	80	634000	1@215	DFT_QPSK	22.35

n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	20.45
n78(3450-3550)	30	80	634000	108@54	DFT_16QAM	21.52
n78(3450-3550)	30	80	634000	1@1	DFT_16QAM	21.33
n78(3450-3550)	30	80	634000	1@215	DFT_16QAM	20.93
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	19.98
n78(3450-3550)	30	80	634000	108@54	DFT_64QAM	20.07
n78(3450-3550)	30	80	634000	1@1	DFT_64QAM	20.05
n78(3450-3550)	30	80	634000	1@215	DFT_64QAM	19.64
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	17.99
n78(3450-3550)	30	80	634000	108@54	DFT_256QAM	18.07
n78(3450-3550)	30	80	634000	1@1	DFT_256QAM	18.03
n78(3450-3550)	30	80	634000	1@215	DFT_256QAM	17.61
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	19.47
n78(3450-3550)	30	80	634000	109@54	CP_QPSK	21.03
n78(3450-3550)	30	80	634000	1@1	CP_QPSK	21.03
n78(3450-3550)	30	80	634000	1@215	CP_QPSK	20.61
n78(3450-3550)	30	90	633000	243@0	DFT_BPSK	22.04
n78(3450-3550)	30	90	633000	120@60	DFT_BPSK	22.68
n78(3450-3550)	30	90	633000	1@1	DFT_BPSK	22.78
n78(3450-3550)	30	90	633000	1@243	DFT_BPSK	22.34
n78(3450-3550)	30	90	633000	243@0	DFT_QPSK	21.52
n78(3450-3550)	30	90	633000	120@60	DFT_QPSK	22.63
n78(3450-3550)	30	90	633000	1@1	DFT_QPSK	22.83
n78(3450-3550)	30	90	633000	1@243	DFT_QPSK	22.39
n78(3450-3550)	30	90	633000	243@0	DFT_16QAM	20.48
n78(3450-3550)	30	90	633000	120@60	DFT_16QAM	21.52
n78(3450-3550)	30	90	633000	1@1	DFT_16QAM	21.46
n78(3450-3550)	30	90	633000	1@243	DFT_16QAM	21
n78(3450-3550)	30	90	633000	243@0	DFT_64QAM	20.02
n78(3450-3550)	30	90	633000	120@60	DFT_64QAM	20.07
n78(3450-3550)	30	90	633000	1@1	DFT_64QAM	20.13
n78(3450-3550)	30	90	633000	1@243	DFT_64QAM	19.66
n78(3450-3550)	30	90	633000	243@0	DFT_256QAM	17.8

n78(3450-3550)	30	90	633000	120@60	DFT_256QAM	18.08
n78(3450-3550)	30	90	633000	1@1	DFT_256QAM	18.14
n78(3450-3550)	30	90	633000	1@243	DFT_256QAM	17.64
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	19.46
n78(3450-3550)	30	90	633000	123@61	CP_QPSK	21
n78(3450-3550)	30	90	633000	1@1	CP_QPSK	21.13
n78(3450-3550)	30	90	633000	1@243	CP_QPSK	20.65
n78(3450-3550)	30	90	633334	243@0	DFT_BPSK	22.03
n78(3450-3550)	30	90	633334	120@60	DFT_BPSK	22.66
n78(3450-3550)	30	90	633334	1@1	DFT_BPSK	22.79
n78(3450-3550)	30	90	633334	1@243	DFT_BPSK	22.33
n78(3450-3550)	30	90	633334	243@0	DFT_QPSK	21.52
n78(3450-3550)	30	90	633334	120@60	DFT_QPSK	22.73
n78(3450-3550)	30	90	633334	1@1	DFT_QPSK	22.85
n78(3450-3550)	30	90	633334	1@243	DFT_QPSK	22.41
n78(3450-3550)	30	90	633334	243@0	DFT_16QAM	20.51
n78(3450-3550)	30	90	633334	120@60	DFT_16QAM	21.56
n78(3450-3550)	30	90	633334	1@1	DFT_16QAM	21.54
n78(3450-3550)	30	90	633334	1@243	DFT_16QAM	21.01
n78(3450-3550)	30	90	633334	243@0	DFT_64QAM	20.03
n78(3450-3550)	30	90	633334	120@60	DFT_64QAM	20.08
n78(3450-3550)	30	90	633334	1@1	DFT_64QAM	20.11
n78(3450-3550)	30	90	633334	1@243	DFT_64QAM	19.59
n78(3450-3550)	30	90	633334	243@0	DFT_256QAM	18.04
n78(3450-3550)	30	90	633334	120@60	DFT_256QAM	18.11
n78(3450-3550)	30	90	633334	1@1	DFT_256QAM	17.56
n78(3450-3550)	30	90	633334	1@243	DFT_256QAM	17.6
n78(3450-3550)	30	90	633334	245@0	CP_QPSK	19.49
n78(3450-3550)	30	90	633334	123@61	CP_QPSK	21.02
n78(3450-3550)	30	90	633334	1@1	CP_QPSK	21.19
n78(3450-3550)	30	90	633334	1@243	CP_QPSK	20.63
n78(3450-3550)	30	90	633666	243@0	DFT_BPSK	22.1
n78(3450-3550)	30	90	633666	120@60	DFT_BPSK	22.73

n78(3450-3550)	30	90	633666	1@1	DFT_BPSK	22.81
n78(3450-3550)	30	90	633666	1@243	DFT_BPSK	22.34
n78(3450-3550)	30	90	633666	243@0	DFT_QPSK	21.56
n78(3450-3550)	30	90	633666	120@60	DFT_QPSK	22.73
n78(3450-3550)	30	90	633666	1@1	DFT_QPSK	22.93
n78(3450-3550)	30	90	633666	1@243	DFT_QPSK	22.42
n78(3450-3550)	30	90	633666	243@0	DFT_16QAM	20.54
n78(3450-3550)	30	90	633666	120@60	DFT_16QAM	21.61
n78(3450-3550)	30	90	633666	1@1	DFT_16QAM	21.46
n78(3450-3550)	30	90	633666	1@243	DFT_16QAM	20.93
n78(3450-3550)	30	90	633666	243@0	DFT_64QAM	20.06
n78(3450-3550)	30	90	633666	120@60	DFT_64QAM	20.11
n78(3450-3550)	30	90	633666	1@1	DFT_64QAM	20.28
n78(3450-3550)	30	90	633666	1@243	DFT_64QAM	19.69
n78(3450-3550)	30	90	633666	243@0	DFT_256QAM	18.09
n78(3450-3550)	30	90	633666	120@60	DFT_256QAM	18.14
n78(3450-3550)	30	90	633666	1@1	DFT_256QAM	17.6
n78(3450-3550)	30	90	633666	1@243	DFT_256QAM	17.61
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	19.51
n78(3450-3550)	30	90	633666	123@61	CP_QPSK	21.05
n78(3450-3550)	30	90	633666	1@1	CP_QPSK	21.17
n78(3450-3550)	30	90	633666	1@243	CP_QPSK	20.68
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	22.02
n78(3450-3550)	30	100	633334	135@67	DFT_BPSK	22.7
n78(3450-3550)	30	100	633334	1@1	DFT_BPSK	22.85
n78(3450-3550)	30	100	633334	1@271	DFT_BPSK	22.37
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	21.48
n78(3450-3550)	30	100	633334	135@67	DFT_QPSK	22.63
n78(3450-3550)	30	100	633334	1@1	DFT_QPSK	22.91
n78(3450-3550)	30	100	633334	1@271	DFT_QPSK	22.35
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	20.5
n78(3450-3550)	30	100	633334	135@67	DFT_16QAM	21.58
n78(3450-3550)	30	100	633334	1@1	DFT_16QAM	21.48

n78(3450-3550)	30	100	633334	1@271	DFT_16QAM	20.89
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	20.02
n78(3450-3550)	30	100	633334	135@67	DFT_64QAM	20.1
n78(3450-3550)	30	100	633334	1@1	DFT_64QAM	20.19
n78(3450-3550)	30	100	633334	1@271	DFT_64QAM	19.6
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	18.05
n78(3450-3550)	30	100	633334	135@67	DFT_256QAM	18.1
n78(3450-3550)	30	100	633334	1@1	DFT_256QAM	18.23
n78(3450-3550)	30	100	633334	1@271	DFT_256QAM	17.58
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	19.48
n78(3450-3550)	30	100	633334	137@68	CP_QPSK	21.02
n78(3450-3550)	30	100	633334	1@1	CP_QPSK	21.2
n78(3450-3550)	30	100	633334	1@271	CP_QPSK	20.57

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
n78(3700-3800)	30	10	647000	24@0	DFT_BPSK	21.83
n78(3700-3800)	30	10	647000	12@6	DFT_BPSK	22.25
n78(3700-3800)	30	10	647000	1@1	DFT_BPSK	22.26
n78(3700-3800)	30	10	647000	1@22	DFT_BPSK	22.33
n78(3700-3800)	30	10	647000	24@0	DFT_QPSK	21.27
n78(3700-3800)	30	10	647000	12@6	DFT_QPSK	22.33
n78(3700-3800)	30	10	647000	1@1	DFT_QPSK	22.39
n78(3700-3800)	30	10	647000	1@22	DFT_QPSK	22.35
n78(3700-3800)	30	10	647000	24@0	DFT_16QAM	20.29
n78(3700-3800)	30	10	647000	12@6	DFT_16QAM	21.34
n78(3700-3800)	30	10	647000	1@1	DFT_16QAM	21.16
n78(3700-3800)	30	10	647000	1@22	DFT_16QAM	21.07
n78(3700-3800)	30	10	647000	24@0	DFT_64QAM	19.82
n78(3700-3800)	30	10	647000	12@6	DFT_64QAM	19.87
n78(3700-3800)	30	10	647000	1@1	DFT_64QAM	19.76
n78(3700-3800)	30	10	647000	1@22	DFT_64QAM	19.67
n78(3700-3800)	30	10	647000	24@0	DFT_256QAM	17.83
n78(3700-3800)	30	10	647000	12@6	DFT_256QAM	18
n78(3700-3800)	30	10	647000	1@1	DFT_256QAM	17.75
n78(3700-3800)	30	10	647000	1@22	DFT_256QAM	17.72
n78(3700-3800)	30	10	647000	24@0	CP_QPSK	19.28
n78(3700-3800)	30	10	647000	12@6	CP_QPSK	20.7
n78(3700-3800)	30	10	647000	1@1	CP_QPSK	20.88
n78(3700-3800)	30	10	647000	1@22	CP_QPSK	20.79
n78(3700-3800)	30	10	650000	24@0	DFT_BPSK	22.27
n78(3700-3800)	30	10	650000	12@6	DFT_BPSK	22.67
n78(3700-3800)	30	10	650000	1@1	DFT_BPSK	22.65
n78(3700-3800)	30	10	650000	1@22	DFT_BPSK	22.7
n78(3700-3800)	30	10	650000	24@0	DFT_QPSK	21.7
n78(3700-3800)	30	10	650000	12@6	DFT_QPSK	22.77
n78(3700-3800)	30	10	650000	1@1	DFT_QPSK	22.64
n78(3700-3800)	30	10	650000	1@22	DFT_QPSK	22.75

n78(3700-3800)	30	10	650000	24@0	DFT_16QAM	20.72
n78(3700-3800)	30	10	650000	12@6	DFT_16QAM	21.78
n78(3700-3800)	30	10	650000	1@1	DFT_16QAM	21.49
n78(3700-3800)	30	10	650000	1@22	DFT_16QAM	21.56
n78(3700-3800)	30	10	650000	24@0	DFT_64QAM	20.22
n78(3700-3800)	30	10	650000	12@6	DFT_64QAM	20.36
n78(3700-3800)	30	10	650000	1@1	DFT_64QAM	20.14
n78(3700-3800)	30	10	650000	1@22	DFT_64QAM	20.2
n78(3700-3800)	30	10	650000	24@0	DFT_256QAM	18.23
n78(3700-3800)	30	10	650000	12@6	DFT_256QAM	18.53
n78(3700-3800)	30	10	650000	1@1	DFT_256QAM	18.1
n78(3700-3800)	30	10	650000	1@22	DFT_256QAM	18.14
n78(3700-3800)	30	10	650000	24@0	CP_QPSK	19.68
n78(3700-3800)	30	10	650000	12@6	CP_QPSK	21.17
n78(3700-3800)	30	10	650000	1@1	CP_QPSK	21.15
n78(3700-3800)	30	10	650000	1@22	CP_QPSK	21.24
n78(3700-3800)	30	10	653000	24@0	DFT_BPSK	22.35
n78(3700-3800)	30	10	653000	12@6	DFT_BPSK	22.75
n78(3700-3800)	30	10	653000	1@1	DFT_BPSK	22.7
n78(3700-3800)	30	10	653000	1@22	DFT_BPSK	22.77
n78(3700-3800)	30	10	653000	24@0	DFT_QPSK	21.81
n78(3700-3800)	30	10	653000	12@6	DFT_QPSK	22.87
n78(3700-3800)	30	10	653000	1@1	DFT_QPSK	22.71
n78(3700-3800)	30	10	653000	1@22	DFT_QPSK	22.83
n78(3700-3800)	30	10	653000	24@0	DFT_16QAM	20.95
n78(3700-3800)	30	10	653000	12@6	DFT_16QAM	21.91
n78(3700-3800)	30	10	653000	1@1	DFT_16QAM	21.61
n78(3700-3800)	30	10	653000	1@22	DFT_16QAM	21.69
n78(3700-3800)	30	10	653000	24@0	DFT_64QAM	20.41
n78(3700-3800)	30	10	653000	12@6	DFT_64QAM	20.53
n78(3700-3800)	30	10	653000	1@1	DFT_64QAM	20.28
n78(3700-3800)	30	10	653000	1@22	DFT_64QAM	20.31
n78(3700-3800)	30	10	653000	24@0	DFT_256QAM	18.3

n78(3700-3800)	30	10	653000	12@6	DFT_256QAM	18.55
n78(3700-3800)	30	10	653000	1@1	DFT_256QAM	18.23
n78(3700-3800)	30	10	653000	1@22	DFT_256QAM	18.28
n78(3700-3800)	30	10	653000	24@0	CP_QPSK	19.83
n78(3700-3800)	30	10	653000	12@6	CP_QPSK	21.24
n78(3700-3800)	30	10	653000	1@1	CP_QPSK	21.28
n78(3700-3800)	30	10	653000	1@22	CP_QPSK	21.32
n78(3700-3800)	30	15	647168	36@0	DFT_BPSK	21.74
n78(3700-3800)	30	15	647168	18@9	DFT_BPSK	22.29
n78(3700-3800)	30	15	647168	1@1	DFT_BPSK	22.23
n78(3700-3800)	30	15	647168	1@36	DFT_BPSK	22.23
n78(3700-3800)	30	15	647168	36@0	DFT_QPSK	21.23
n78(3700-3800)	30	15	647168	18@9	DFT_QPSK	22.29
n78(3700-3800)	30	15	647168	1@1	DFT_QPSK	22.28
n78(3700-3800)	30	15	647168	1@36	DFT_QPSK	22.29
n78(3700-3800)	30	15	647168	36@0	DFT_16QAM	20.26
n78(3700-3800)	30	15	647168	18@9	DFT_16QAM	21.26
n78(3700-3800)	30	15	647168	1@1	DFT_16QAM	21.05
n78(3700-3800)	30	15	647168	1@36	DFT_16QAM	20.96
n78(3700-3800)	30	15	647168	36@0	DFT_64QAM	19.74
n78(3700-3800)	30	15	647168	18@9	DFT_64QAM	19.84
n78(3700-3800)	30	15	647168	1@1	DFT_64QAM	19.77
n78(3700-3800)	30	15	647168	1@36	DFT_64QAM	19.7
n78(3700-3800)	30	15	647168	36@0	DFT_256QAM	17.7
n78(3700-3800)	30	15	647168	18@9	DFT_256QAM	17.77
n78(3700-3800)	30	15	647168	1@1	DFT_256QAM	17.72
n78(3700-3800)	30	15	647168	1@36	DFT_256QAM	17.67
n78(3700-3800)	30	15	647168	38@0	CP_QPSK	19.17
n78(3700-3800)	30	15	647168	19@9	CP_QPSK	20.7
n78(3700-3800)	30	15	647168	1@1	CP_QPSK	20.73
n78(3700-3800)	30	15	647168	1@36	CP_QPSK	20.69
n78(3700-3800)	30	15	650000	36@0	DFT_BPSK	22.18
n78(3700-3800)	30	15	650000	18@9	DFT_BPSK	22.7