FCC RF Test Report

APPLICANT	: Motorola Mobility LLC
EQUIPMENT	: Mobile Cellular Phone
BRAND NAME	: Motorola
MODEL NAME	: XT2215-2, XT2215-3, XT2215-4, XT2215DL
FCC ID	: IHDT56AA4
STANDARD	: 47 CFR Part 2, 22, 24, 27
CLASSIFICATION	: PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S)	: Dec. 26, 2021 ~ Jan. 15, 2022

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (ShenZhen), the test report shall not be reproduced except in full.

Reviewed by: Derreck Chen / Supervisor

Approved by: Eric Shih / Manager

ACCREDITED Cert #5145.01

Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG1N0903I	Rev. 01	Initial issue of report	Jan. 30, 2022

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	Reporting Only	PASS	-
	§22.913(a)(5)	Effective Radiated Power (5G NR n5, n26)	ERP < 7 Watt		
	§24.232(c)	Equivalent Isotropic Radiated Power (5G NR n2, n25)	EIRP < 2Watt		
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (5G NR n66, n70)	EIRP < 1Watt		
3.5	§24.232(d)	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	Reporting Only	PASS	-
3.7	§2.1051 §22.917(a) §24.238(a) §27.53(h)	Conducted Band Edge Measurement (5G NR n5, n26) (5G NR n2, n25) (5G NR n66, n70)	< 43+10log10(P[Watts])	PASS	-
3.8	§2.1051 §22.917(a) §24.238(a) §27.53(h)	Conducted Spurious Emission (5G NR n5, n26) (5G NR n2, n25) (5G NR n66, n70)	< 43+10log10(P[Watts])	PASS	-
3.9	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22	PASS	-
	§24.235 §27.54		Within Authorized Band		
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(h)	Radiated Spurious Emission (5G NR n5, n26) (5G NR n2, n25) (5G NR n66, n70)	< 43+10log$_{10}$(P[Watts])	PASS	Under limit 22.33 dB at 2109.00 MHz

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Applicant

Motorola Mobility LLC
222 W, Merchandise Mart Plaza, Chicago IL 60654 USA

1.2 Manufacturer

Motorola Mobility LLC
222 W, Merchandise Mart Plaza, Chicago IL 60654 USA

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2215-2, XT2215-3, XT2215-4, XT2215DL
FCC ID	IHDT56AA4
IMEI Code	Conducted : 351475460011370 Radiation : 351475460012056
HW Version	DVT2
SW Version	S1SD32.29
EUT Stage	Identical Prototype

Remark:

1. Only 5G NR bands are tested in this report, all the other RF bands are tested in the other reports separately.
2. The four models XT2215-2, XT2215-3, XT2215-4 and XT2215DL are only for market differentiation, all the others are the same.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	5G NR n2 : 1850 MHz ~ 1910 MHz 5G NR n5 : 824 MHz ~ 849 MHz 5G NR n25 : 1850 MHz ~ 1915 MHz 5G NR n26 : 814 MHz ~ 849 MHz 5G NR n66 : 1710 MHz ~ 1780 MHz 5G NR n70 : 1695 MHz ~ 1710 MHz
Rx Frequency	5G NR n2 : 1930 MHz ~ 1990 MHz 5G NR n5 : 869 MHz ~ 894 MHz 5G NR n25 : 1930 MHz ~ 1995 MHz 5G NR n26 : 859 MHz ~ 894 MHz 5G NR n66 : 2110 MHz~ 2200 MHz 5G NR n70 : 1995 MHz ~ 2020 MHz
SCS	15kHz
Bandwidth	n2, n5, n26: 5MHz / 10MHz / 15MHz / 20MHz n25: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz n66: 5MHz / 10MHz / 15MHz / 20MHz / 30MHz / 40MHz n70: 5MHz / 10MHz / 15MHz
Antenna Gain	**Ant. 1:** n2: -3.80 dBi n5: -7.50 dBi n25: -3.80 dBi n66: -4.60 dBi n70: -4.50 dBi **Ant. 2:** n2: -8.00 dBi n5: -7.70 dBi n25: -7.70 dBi n26: -7.80 dBi n66: -8.60 dBi n70: -8.70 dBi
Type of Modulation	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

Note:

1. The maximum ERP/EIRP is calculated from max Output power and antenna gain, only the maximum ERP/EIRP is shown in the report and 5G NR n2/n25/n66/n70 for Ant. 1 and 5G NR n5/n26 for Ant.2.
2. 5G NR n2/n5/n25/n66 support SA & NSA mode, n26/n70 only support SA mode. The whole testing has assessed by referring to the higher conducted power for conducted test items.
3. All the supported ENDC combinations are verified conducted power, only the ENDC combination with highest power are shown in the report.
4. The EN-DC mode combination could be referred to the product spec.

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Maximum ERP/EIRP Power and Emission Designator

5G NR n2		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	1852.5 ~ 1907.5	0.0839	4M47G7D	0.0735	4M48W7D
10	1855.0 ~ 1905.0	0.0851	9M27G7D	0.0748	9M29W7D
15	1857.5 ~ 1902.5	0.0853	14M1G7D	0.0718	14M1W7D
20	1860.0 ~ 1900.0	0.0861	18M9G7D	0.0701	19M0W7D

5G NR n5		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	826.5 ~ 846.5	0.0248	4M58G7D	0.0198	4M49W7D
10	829.0 ~ 844.0	0.0242	9M26G7D	0.0198	9M28W7D
15	831.5 ~ 841.5	0.0244	14M1G7D	0.0200	14M1W7D
20	834.0 ~ 839.0	0.0249	18M9G7D	0.0198	18M9W7D

5G NR n25		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	1852.5 ~ 1912.5	0.0869	4M47G7D	0.0728	4M48W7D
10	1855.0 ~ 1910.0	0.0875	9M27G7D	0.0714	9M29W7D
15	1857.5 ~ 1907.5	0.0853	14M1G7D	0.0698	14M1W7D
20	1860.0 ~ 1905.0	0.0847	18M9G7D	0.0690	19M0W7D
25	1862.5 ~ 1902.5	0.0879	23M7G7D	0.0716	23M7W7D
30	1865.0 ~ 1900.0	0.0873	28M5G7D	0.0714	28M5W7D
40	1870.0 ~ 1895.0	0.0895	38M6G7D	0.0698	38M6W7D

5G NR n26		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	826.5 ~ 846.5	0.0243	4M58G7D	0.0202	4M49W7D
10	829.0 ~ 844.0	0.0244	9M26G7D	0.0195	9M28W7D
15	831.5 ~ 841.5	0.0245	14M1G7D	0.0194	14M1W7D
20	834.0 ~ 839.0	0.0245	18M9G7D	0.0195	18M9W7D

5G NR n66		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	1712.5 ~ 1777.5	0.0762	4M48G7D	0.0556	4M48W7D
10	1715.0 ~ 1775.0	0.0766	9M28G7D	0.0571	9M30W7D
15	1717.5 ~ 1772.5	0.0767	14M1G7D	0.0541	14M1W7D
20	1720.0 ~ 1770.0	0.0769	18M9G7D	0.0542	19M0W7D
30	1725.0 ~ 1765.0	0.0802	28M6G7D	0.0561	28M6W7D
40	1730.0 ~ 1760.0	0.0791	38M7G7D	0.0569	38M6W7D

5G NR n70		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	1697.5 ~ 1707.5	0.0716	4M48G7D	0.0608	4M49W7D
10	1700 ~ 1705	0.0714	9M27G7D	0.0604	9M28W7D
15	1702.5	0.0621	14M1G7D	0.0480	14M1W7D

Note:

1. 5G NR Band n25 overlaps the entire frequency range of Band n2. Therefore, the test results provided in this report covers Band n25 as well as Band n2.
2. 5G NR Band n26 overlaps the entire frequency range of Band n5. Therefore, the test results provided in this report covers Band n26 as well as Band n5.
3. All modulations have been tested, only the worst test results of PSK & QAM are shown in the report.

1.7 Testing Location

Sporton International Inc. (Shenzhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (Shenzhen)		
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	TH01-SZ	CN1256	421272

Test Firm	Sporton International Inc. (Shenzhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City Guangdong Province China 518103 TEL: +86-755-33202398		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	03CH04-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH04-SZ	AUDIX	E3	6.2009-8-24

1.9 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 2, 22, 24, 27
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items are performed according to KDB 971168 D01 Power Meas License Digital Systems v03r01 with maximum output power.

For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.

The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.

	X Plane	Y Plane	Z Plane
Orthogonal Planes of EUT			

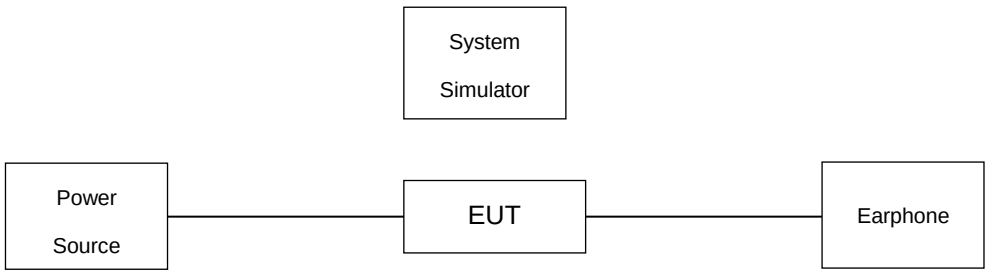
Test Items	5G NR	Bandwidth (MHz)							Modulation					RB #		Test Channel		
		5	10	15	20	25	30	40	PI/2 BPSK	QPSK	16QAM	64QAM	256 QAM	1	Full	L	M	H
Max. Output Power	n2	v	v	v	v	-	-	-	v	v	v	v	v	v	v	v	v	v
	n5	v	v	v	v	-	-	-	v	v	v	v	v	v	v	v	v	v
	n25	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	n26	v	v	v	v				v	v	v	v	v	v	v	v	v	v
	n66	v	v	v	v	-	v	v	v	v	v	v	v	v	v	v	v	v
	n70	v	v	v					v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	n25				v				v	v				v	v	v	v	v
	n26				v	-	-	-	v	v				v	v	v	v	v
	n66				v	-			v	v				v	v	v	v	v
	n70			v	-	-	-	-	v	v				v	v	v	v	v
26dB and 99% Bandwidth	n25	v	v	v	v	v	v	v	v	v	v	v	v		v		v	
	n26	v	v	v	v	-			v	v	v	v	v		v		v	
	n66	v	v	v	v	-	v	v	v	v	v	v	v		v		v	
	n70	v	v	v					v	v	v	v	v		v		v	

Test Items	5G NR	Bandwidth (MHz)							Modulation					RB #		Test Channel		
		5	10	15	20	25	30	40	PI/2 BPSK	QPSK	16QAM	64QAM	256 QAM	1	Full	L	M	H
Conducted Band Edge	n25	v			v			v	v	v				v	v	v		v
	n26	v	v		v	-	-	-	v	v				v	v	v		v
	n66	v			v			v	v	v				v	v	v		v
	n70	v	v	v					v	v				v	v	v		v
Conducted Spurious Emission	n25	v			v			v	v	v				v		v	v	v
	n26	v	v		v	-	-	-	v	v				v		v	v	v
	n66	v			v			v	v	v				v		v	v	v
	n70	v	v	v					v	v				v		v	v	v
Frequency Stability	n25				v					v					v		v	
	n26				v	-	-	-		v					v		v	
	n66				v					v					v		v	
	n70			v						v					v		v	
E.R.P / E.I.R.P	n25	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	n26	v	v	v	v	-	-	-	v	v	v	v	v	v	v	v	v	v
	n66	v	v	v	v		v	v	v	v	v	v	v	v	v	v	v	v
	n70	v	v	v					v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	n25	Worst Case															v	
	n26	Worst Case															v	
	n66	Worst Case															v	
	n70	Worst Case															v	

Note

1. The mark "**v** " means that this configuration is chosen for testing
2. The mark "-" means that this bandwidth is not supported.
3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.
4. Based on engineering evaluation, only the worst modulation test results are shown in the report.

2.2 Connection Diagram of Test System



This example is connection diagram of EUT test configurations.

. For detail, please refer to test mode configuration and setup photographs for each test item.

2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	DC Power Supply	GW	GPS-3030D	N/A	N/A	Unshielded, 1.8 m
2.	Base Station	Anritsu	MT8821C	N/A	N/A	Unshielded,1.8m
3.	Base Station	Anritsu	MT8000A	N/A	N/A	Unshielded,1.8m
4.	Earphone	Eimuse	E-500MV	Fcc DoC	Shielded, 2.2m	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss.

Offset = RF cable loss.

Following shows an offset computation example with cable loss 5.0 dB attenuator.

Example :

Offset(dB) = RF cable loss(dB).

= 5.0 (dB)

2.5 Frequency List of Low/Middle/High Channels

5G NR n2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	388000	392000	396000
	Frequency	1860	1880	1900
15	Channel	387500	392000	396500
	Frequency	1857.5	1880	1902.5
10	Channel	387000	392000	397000
	Frequency	1855	1880	1905
5	Channel	386500	392000	397500
	Frequency	1852.5	1880	1907.5

5G NR n5 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	175800	176300	176800
	Frequency	834	836.5	839
15	Channel	175300	176300	177300
	Frequency	831.5	836.5	841.5
10	Channel	174800	176300	177800
	Frequency	829	836.5	844
5	Channel	174300	176300	178300
	Frequency	826.5	836.5	846.5

5G NR n25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	390000	392500	395000
	Frequency	1870	1882.5	1895
30	Channel	389000	392500	396000
	Frequency	1865	1882.5	1900
25	Channel	388500	392500	396500
	Frequency	1862.5	1882.5	1902.5
20	Channel	388000	392500	397000
	Frequency	1860	1882.5	1905
15	Channel	387500	392500	397500
	Frequency	1857.5	1882.5	1907.5
10	Channel	387000	392500	398000
	Frequency	1855	1882.5	1910
5	Channel	386500	392500	398500
	Frequency	1852.5	1882.5	1912.5

5G NR n26 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	175800	176300	176800
	Frequency	834	836.5	839
15	Channel	175300	176300	177300
	Frequency	831.5	836.5	841.5
10	Channel	174800	176300	177800
	Frequency	829	836.5	844
5	Channel	174300	176300	178300
	Frequency	826.5	836.5	846.5

5G NR n66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	426000	429000	432000
	Frequency	1730	1745	1760
30	Channel	425000	429000	433000
	Frequency	1725	1745	1765
20	Channel	424000	429000	434000
	Frequency	1720	1745	1770
15	Channel	423500	429000	434500
	Frequency	1717.5	1745	1772.5
10	Channel	423000	429000	435000
	Frequency	1715	1745	1775
5	Channel	422500	429000	435500
	Frequency	1712.5	1745	1777.5

5G NR n70 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	400500		
	Frequency	1702.5		
10	Channel	400000	400500	401000
	Frequency	1700	1702.5	1705
5	Channel	399500	400500	401500
	Frequency	1697.5	1702.5	1707.5

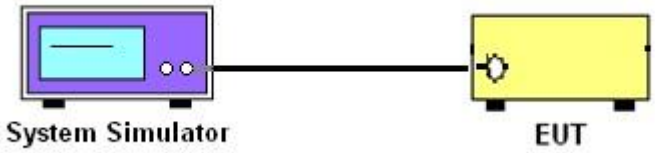
3 Conducted Test Items

3.1 Measuring Instruments

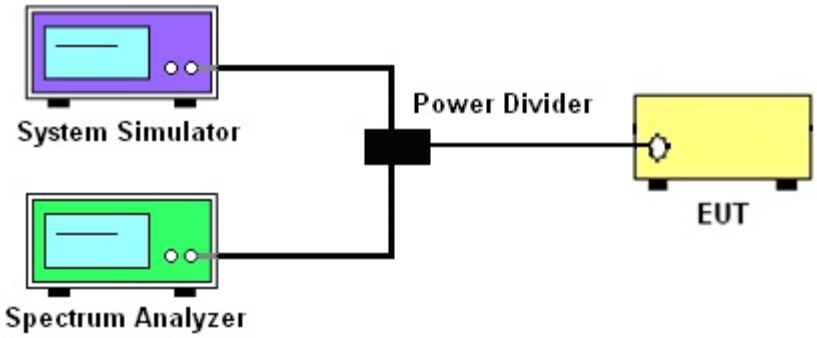
See list of measuring instruments of this test report.

3.2 Test Setup

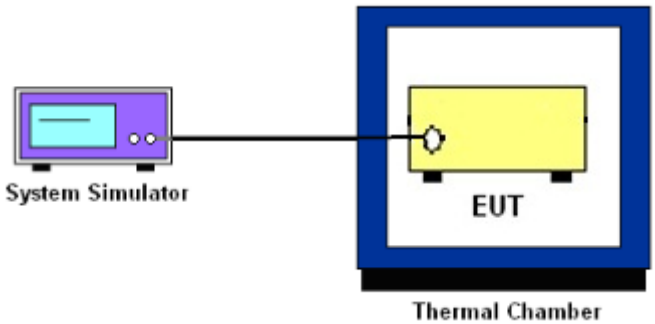
3.2.1 Conducted Output Power



3.2.2 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge and Conducted Spurious Emission



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and ERP/EIRP

3.4.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for 5G NR n5 and n26.

The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n2 and n25.

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n66, n70.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T – L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.5.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2.3.4 (CCDF).
2. The EUT was connected to spectrum and system simulator via a power divider.
3. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
4. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
5. Record the deviation as Peak to Average Ratio.

3.6 Occupied Bandwidth

3.6.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
4. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
5. Set the detection mode to peak, and the trace mode to max hold.
6. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace. (this is the reference value)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “–X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(Watts) in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(Watts) in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (h)

For operations in the 1710 – 1755 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(Watts) in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

3.7.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured.
4. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.
   Example:
   The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
   = P(W)- [43 + 10log(P)] (dB)
   = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB) = -13dBm.
9. When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10^{th} harmonic.

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.

3.9.2 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.9.3 Test Procedures for Voltage Variation

1. The testing follows ANSI C63.26 section 5.6.5
2. The EUT was placed in a temperature chamber at 20±5°C and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.
4. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.
5. The variation in frequency was measured for the worst case.

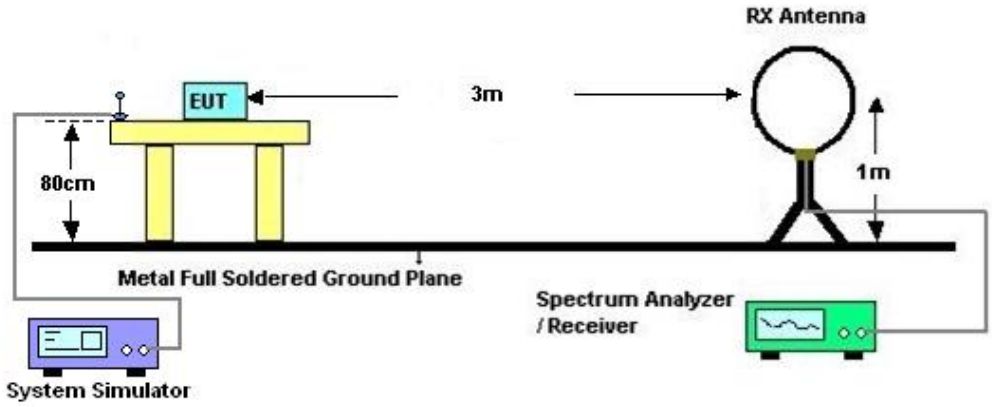
4 Radiated Test Items

4.1 Measuring Instruments

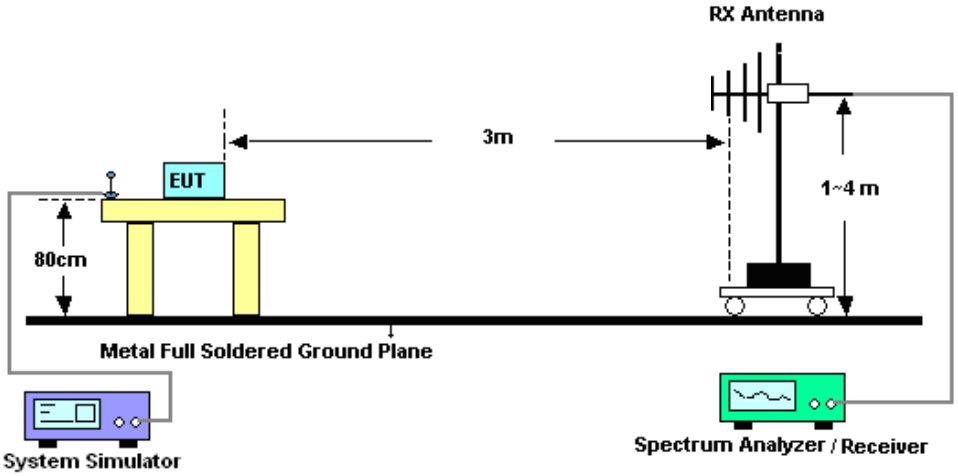
See list of measuring instruments of this test report.

4.2 Test Setup

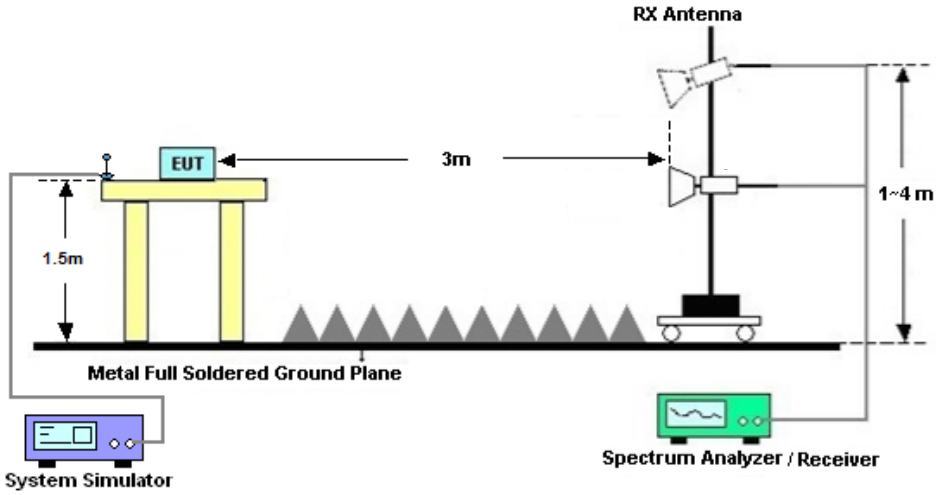
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
11. ERP (dBm) = EIRP - 2.15
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
    The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 08, 2021	Dec. 26, 2021~ Jan. 11, 2022	Apr. 07, 2022	Conducted (TH01-SZ)
Power Divider	TOJOIN	PS-2SM-04 265	60.06.020.007 7	0.4GHz~26.5GHz	Dec. 25, 2021	Dec. 26, 2021~ Jan. 11, 2022	Dec. 24, 2022	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 14, 2021	Dec. 26, 2021~ Jan. 11, 2022	Jul. 13, 2022	Conducted (TH01-SZ)
EMI Test Receiver	R&S	ESR7	101404	9kHz~7GHz	Oct. 22, 2021	Jan. 15, 2022	Oct. 21, 2022	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 20, 2021	Jan. 15, 2022	Jul. 19, 2022	Radiation (03CH04-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jun. 22, 2020	Jan. 15, 2022	Jun. 21, 2022	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	Oct. 22, 2021	Jan. 15, 2022	Oct. 21, 2022	Radiation (03CH04-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1474	1GHz~18GHz	Jul. 15, 2021	Jan. 15, 2022	Jul. 14, 2022	Radiation (03CH04-SZ)
Horn Antenna	SCHWARZBECK	BBHA9170	9170#679	15GHz~40GHz	Jul. 25, 2021	Jan. 15, 2022	Jul. 24, 2022	Radiation (03CH04-SZ)
Amplifier	Burgeon	BPA-530	102211	0.01Hz ~3000MHz	Oct. 22, 2021	Jan. 15, 2022	Oct. 21, 2022	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	AMF-7D-00 101800-30-1 0P-R	1943528	1GHz~18GHz	Oct. 22, 2021	Jan. 15, 2022	Oct. 21, 2022	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	TTA1840-35 -HG	1871923	18GHz~40GHz	Jul. 20, 2021	Jan. 15, 2022	Jul. 19, 2022	Radiation (03CH04-SZ)
Amplifier	Agilent Technologies	83017A	MY53270156	500MHz~26.5GHz	Oct. 22, 2021	Jan. 15, 2022	Oct. 21, 2022	Radiation (03CH04-SZ)
AC Power Source	Chroma	61601	N/A	N/A	NCR	Jan. 15, 2022	NCR	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jan. 15, 2022	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jan. 15, 2022	NCR	Radiation (03CH04-SZ)

NCR: No Calibration Required

6 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.8dB**

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.1dB**

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.9dB**

Appendix A. Test Results of Conducted Test

Test Engineer :	Jung Guo	**Temperature :**	24~26℃
		Relative Humidity :	50~53%

Software Version: 21.02.121001

FR1 N2 (ANT1)

LTE Band: 5, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, (G_T - L_C)= -3.8dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
2	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	12@6	23.04	19.24	0.0839
2	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	1@1	22.99	19.19	0.0830
2	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	1@23	22.91	19.11	0.0815
2	15	5	386500	1852.5	DFT-s-OFDM QPSK	12@6	22.79	18.99	0.0793
2	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@1	22.85	19.05	0.0804
2	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@23	22.82	19.02	0.0798
2	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	12@6	21.51	17.71	0.0590
2	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	1@1	21.45	17.65	0.0582
2	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	1@23	21.34	17.54	0.0568
2	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	12@6	19.86	16.06	0.0404
2	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	1@1	20.06	16.26	0.0423
2	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	1@23	19.96	16.16	0.0413
2	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	12@6	18.21	14.41	0.0276
2	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	1@1	18.44	14.64	0.0291
2	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	1@23	17.63	13.83	0.0242
2	15	5	386500	1852.5	CP-OFDM QPSK	13@6	20.66	16.86	0.0485
2	15	5	386500	1852.5	CP-OFDM QPSK	1@1	21	17.2	0.0525
2	15	5	386500	1852.5	CP-OFDM QPSK	1@23	20.88	17.08	0.0511
2	15	5	392000	1880	DFT-s-OFDM PI/2 BPSK	12@6	22.81	19.01	0.0796
2	15	5	392000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.77	18.97	0.0789
2	15	5	392000	1880	DFT-s-OFDM PI/2 BPSK	1@23	22.64	18.84	0.0766
2	15	5	392000	1880	DFT-s-OFDM QPSK	12@6	22.8	19	0.0794
2	15	5	392000	1880	DFT-s-OFDM QPSK	1@1	22.94	19.14	0.0820
2	15	5	392000	1880	DFT-s-OFDM QPSK	1@23	22.85	19.05	0.0804
2	15	5	392000	1880	DFT-s-OFDM 16 QAM	12@6	22.23	18.43	0.0697
2	15	5	392000	1880	DFT-s-OFDM 16 QAM	1@1	22.33	18.53	0.0713
2	15	5	392000	1880	DFT-s-OFDM 16 QAM	1@23	22.09	18.29	0.0675

2	15	5	392000	1880	DFT-s-OFDM 64 QAM	12@6	20.71	16.91	0.0491
2	15	5	392000	1880	DFT-s-OFDM 64 QAM	1@1	20.97	17.17	0.0521
2	15	5	392000	1880	DFT-s-OFDM 64 QAM	1@23	20.75	16.95	0.0495
2	15	5	392000	1880	DFT-s-OFDM 256 QAM	12@6	18.72	14.92	0.0310
2	15	5	392000	1880	DFT-s-OFDM 256 QAM	1@1	18.24	14.44	0.0278
2	15	5	392000	1880	DFT-s-OFDM 256 QAM	1@23	18.13	14.33	0.0271
2	15	5	392000	1880	CP-OFDM QPSK	13@6	21.64	17.84	0.0608
2	15	5	392000	1880	CP-OFDM QPSK	1@1	21.72	17.92	0.0619
2	15	5	392000	1880	CP-OFDM QPSK	1@23	21.48	17.68	0.0586
2	15	5	397500	1907.5	DFT-s-OFDM PI/2 BPSK	12@6	22.86	19.06	0.0805
2	15	5	397500	1907.5	DFT-s-OFDM PI/2 BPSK	1@1	22.82	19.02	0.0798
2	15	5	397500	1907.5	DFT-s-OFDM PI/2 BPSK	1@23	22.83	19.03	0.0800
2	15	5	397500	1907.5	DFT-s-OFDM QPSK	12@6	22.87	19.07	0.0807
2	15	5	397500	1907.5	DFT-s-OFDM QPSK	1@1	22.89	19.09	0.0811
2	15	5	397500	1907.5	DFT-s-OFDM QPSK	1@23	22.92	19.12	0.0817
2	15	5	397500	1907.5	DFT-s-OFDM 16 QAM	12@6	22.42	18.62	0.0728
2	15	5	397500	1907.5	DFT-s-OFDM 16 QAM	1@1	22.46	18.66	0.0735
2	15	5	397500	1907.5	DFT-s-OFDM 16 QAM	1@23	22.14	18.34	0.0682
2	15	5	397500	1907.5	DFT-s-OFDM 64 QAM	12@6	20.98	17.18	0.0522
2	15	5	397500	1907.5	DFT-s-OFDM 64 QAM	1@1	21.14	17.34	0.0542
2	15	5	397500	1907.5	DFT-s-OFDM 64 QAM	1@23	20.86	17.06	0.0508
2	15	5	397500	1907.5	DFT-s-OFDM 256 QAM	12@6	18.92	15.12	0.0325
2	15	5	397500	1907.5	DFT-s-OFDM 256 QAM	1@1	18.44	14.64	0.0291
2	15	5	397500	1907.5	DFT-s-OFDM 256 QAM	1@23	18.33	14.53	0.0284
2	15	5	397500	1907.5	CP-OFDM QPSK	13@6	21.93	18.13	0.0650
2	15	5	397500	1907.5	CP-OFDM QPSK	1@1	21.93	18.13	0.0650
2	15	5	397500	1907.5	CP-OFDM QPSK	1@23	21.65	17.85	0.0610
2	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	25@12	23.07	19.27	0.0845
2	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	1@1	23.01	19.21	0.0834
2	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	1@50	22.88	19.08	0.0809
2	15	10	387000	1855	DFT-s-OFDM QPSK	25@12	22.86	19.06	0.0805
2	15	10	387000	1855	DFT-s-OFDM QPSK	1@1	23.02	19.22	0.0836
2	15	10	387000	1855	DFT-s-OFDM QPSK	1@50	23.1	19.3	0.0851
2	15	10	387000	1855	DFT-s-OFDM 16 QAM	25@12	21.58	17.78	0.0600

2	15	10	387000	1855	DFT-s-OFDM 16 QAM	1@1	21.6	17.8	0.0603
2	15	10	387000	1855	DFT-s-OFDM 16 QAM	1@50	21.83	18.03	0.0635
2	15	10	387000	1855	DFT-s-OFDM 64 QAM	25@12	19.84	16.04	0.0402
2	15	10	387000	1855	DFT-s-OFDM 64 QAM	1@1	20.2	16.4	0.0437
2	15	10	387000	1855	DFT-s-OFDM 64 QAM	1@50	20.47	16.67	0.0465
2	15	10	387000	1855	DFT-s-OFDM 256 QAM	25@12	18.2	14.4	0.0275
2	15	10	387000	1855	DFT-s-OFDM 256 QAM	1@1	17.8	14	0.0251
2	15	10	387000	1855	DFT-s-OFDM 256 QAM	1@50	18.11	14.31	0.0270
2	15	10	387000	1855	CP-OFDM QPSK	26@13	20.79	16.99	0.0500
2	15	10	387000	1855	CP-OFDM QPSK	1@1	21.16	17.36	0.0545
2	15	10	387000	1855	CP-OFDM QPSK	1@50	21.46	17.66	0.0583
2	15	10	392000	1880	DFT-s-OFDM PI/2 BPSK	25@12	22.82	19.02	0.0798
2	15	10	392000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.78	18.98	0.0791
2	15	10	392000	1880	DFT-s-OFDM PI/2 BPSK	1@50	22.7	18.9	0.0776
2	15	10	392000	1880	DFT-s-OFDM QPSK	25@12	22.8	19	0.0794
2	15	10	392000	1880	DFT-s-OFDM QPSK	1@1	22.93	19.13	0.0818
2	15	10	392000	1880	DFT-s-OFDM QPSK	1@50	22.85	19.05	0.0804
2	15	10	392000	1880	DFT-s-OFDM 16 QAM	25@12	22.21	18.41	0.0693
2	15	10	392000	1880	DFT-s-OFDM 16 QAM	1@1	22.33	18.53	0.0713
2	15	10	392000	1880	DFT-s-OFDM 16 QAM	1@50	22.23	18.43	0.0697
2	15	10	392000	1880	DFT-s-OFDM 64 QAM	25@12	20.68	16.88	0.0488
2	15	10	392000	1880	DFT-s-OFDM 64 QAM	1@1	20.99	17.19	0.0524
2	15	10	392000	1880	DFT-s-OFDM 64 QAM	1@50	20.85	17.05	0.0507
2	15	10	392000	1880	DFT-s-OFDM 256 QAM	25@12	18.69	14.89	0.0308
2	15	10	392000	1880	DFT-s-OFDM 256 QAM	1@1	18.34	14.54	0.0284
2	15	10	392000	1880	DFT-s-OFDM 256 QAM	1@50	18.23	14.43	0.0277
2	15	10	392000	1880	CP-OFDM QPSK	26@13	21.57	17.77	0.0598
2	15	10	392000	1880	CP-OFDM QPSK	1@1	21.72	17.92	0.0619
2	15	10	392000	1880	CP-OFDM QPSK	1@50	21.67	17.87	0.0612
2	15	10	397000	1905	DFT-s-OFDM PI/2 BPSK	25@12	22.87	19.07	0.0807
2	15	10	397000	1905	DFT-s-OFDM PI/2 BPSK	1@1	22.84	19.04	0.0802
2	15	10	397000	1905	DFT-s-OFDM PI/2 BPSK	1@50	22.82	19.02	0.0798
2	15	10	397000	1905	DFT-s-OFDM QPSK	25@12	22.88	19.08	0.0809
2	15	10	397000	1905	DFT-s-OFDM QPSK	1@1	22.93	19.13	0.0818

2	15	10	397000	1905	DFT-s-OFDM QPSK	1@50	22.99	19.19	0.0830
2	15	10	397000	1905	DFT-s-OFDM 16 QAM	25@12	22.43	18.63	0.0729
2	15	10	397000	1905	DFT-s-OFDM 16 QAM	1@1	22.54	18.74	0.0748
2	15	10	397000	1905	DFT-s-OFDM 16 QAM	1@50	22.11	18.31	0.0678
2	15	10	397000	1905	DFT-s-OFDM 64 QAM	25@12	21	17.2	0.0525
2	15	10	397000	1905	DFT-s-OFDM 64 QAM	1@1	21.2	17.4	0.0550
2	15	10	397000	1905	DFT-s-OFDM 64 QAM	1@50	20.83	17.03	0.0505
2	15	10	397000	1905	DFT-s-OFDM 256 QAM	25@12	18.96	15.16	0.0328
2	15	10	397000	1905	DFT-s-OFDM 256 QAM	1@1	18.48	14.68	0.0294
2	15	10	397000	1905	DFT-s-OFDM 256 QAM	1@50	18.38	14.58	0.0287
2	15	10	397000	1905	CP-OFDM QPSK	26@13	21.88	18.08	0.0643
2	15	10	397000	1905	CP-OFDM QPSK	1@1	21.94	18.14	0.0652
2	15	10	397000	1905	CP-OFDM QPSK	1@50	21.7	17.9	0.0617
2	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	36@18	23.01	19.21	0.0834
2	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	1@1	23.01	19.21	0.0834
2	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	1@77	22.93	19.13	0.0818
2	15	15	387500	1857.5	DFT-s-OFDM QPSK	36@18	22.87	19.07	0.0807
2	15	15	387500	1857.5	DFT-s-OFDM QPSK	1@1	22.89	19.09	0.0811
2	15	15	387500	1857.5	DFT-s-OFDM QPSK	1@77	23.11	19.31	0.0853
2	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	36@18	21.56	17.76	0.0597
2	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	1@1	21.46	17.66	0.0583
2	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	1@77	22.06	18.26	0.0670
2	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	36@18	19.87	16.07	0.0405
2	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	1@1	20.04	16.24	0.0421
2	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	1@77	20.71	16.91	0.0491
2	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	36@18	18.19	14.39	0.0275
2	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	1@1	17.63	13.83	0.0242
2	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	1@77	18.34	14.54	0.0284
2	15	15	387500	1857.5	CP-OFDM QPSK	39@19	20.85	17.05	0.0507
2	15	15	387500	1857.5	CP-OFDM QPSK	1@1	20.99	17.19	0.0524
2	15	15	387500	1857.5	CP-OFDM QPSK	1@77	21.57	17.77	0.0598
2	15	15	392000	1880	DFT-s-OFDM PI/2 BPSK	36@18	22.85	19.05	0.0804
2	15	15	392000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.77	18.97	0.0789
2	15	15	392000	1880	DFT-s-OFDM PI/2 BPSK	1@77	22.75	18.95	0.0785

2	15	15	392000	1880	DFT-s-OFDM QPSK	36@18	22.82	19.02	0.0798
2	15	15	392000	1880	DFT-s-OFDM QPSK	1@1	22.93	19.13	0.0818
2	15	15	392000	1880	DFT-s-OFDM QPSK	1@77	22.85	19.05	0.0804
2	15	15	392000	1880	DFT-s-OFDM 16 QAM	36@18	22.16	18.36	0.0685
2	15	15	392000	1880	DFT-s-OFDM 16 QAM	1@1	22.27	18.47	0.0703
2	15	15	392000	1880	DFT-s-OFDM 16 QAM	1@77	22.18	18.38	0.0689
2	15	15	392000	1880	DFT-s-OFDM 64 QAM	36@18	20.67	16.87	0.0486
2	15	15	392000	1880	DFT-s-OFDM 64 QAM	1@1	21.02	17.22	0.0527
2	15	15	392000	1880	DFT-s-OFDM 64 QAM	1@77	20.79	16.99	0.0500
2	15	15	392000	1880	DFT-s-OFDM 256 QAM	36@18	18.69	14.89	0.0308
2	15	15	392000	1880	DFT-s-OFDM 256 QAM	1@1	18.24	14.44	0.0278
2	15	15	392000	1880	DFT-s-OFDM 256 QAM	1@77	18.14	14.34	0.0272
2	15	15	392000	1880	CP-OFDM QPSK	39@19	21.62	17.82	0.0605
2	15	15	392000	1880	CP-OFDM QPSK	1@1	21.75	17.95	0.0624
2	15	15	392000	1880	CP-OFDM QPSK	1@77	21.63	17.83	0.0607
2	15	15	396500	1902.5	DFT-s-OFDM PI/2 BPSK	36@18	22.88	19.08	0.0809
2	15	15	396500	1902.5	DFT-s-OFDM PI/2 BPSK	1@1	22.78	18.98	0.0791
2	15	15	396500	1902.5	DFT-s-OFDM PI/2 BPSK	1@77	22.86	19.06	0.0805
2	15	15	396500	1902.5	DFT-s-OFDM QPSK	36@18	22.84	19.04	0.0802
2	15	15	396500	1902.5	DFT-s-OFDM QPSK	1@1	22.92	19.12	0.0817
2	15	15	396500	1902.5	DFT-s-OFDM QPSK	1@77	23.05	19.25	0.0841
2	15	15	396500	1902.5	DFT-s-OFDM 16 QAM	36@18	22.36	18.56	0.0718
2	15	15	396500	1902.5	DFT-s-OFDM 16 QAM	1@1	21.51	17.71	0.0590
2	15	15	396500	1902.5	DFT-s-OFDM 16 QAM	1@77	22.02	18.22	0.0664
2	15	15	396500	1902.5	DFT-s-OFDM 64 QAM	36@18	20.82	17.02	0.0504
2	15	15	396500	1902.5	DFT-s-OFDM 64 QAM	1@1	20.08	16.28	0.0425
2	15	15	396500	1902.5	DFT-s-OFDM 64 QAM	1@77	20.74	16.94	0.0494
2	15	15	396500	1902.5	DFT-s-OFDM 256 QAM	36@18	18.8	15	0.0316
2	15	15	396500	1902.5	DFT-s-OFDM 256 QAM	1@1	18.17	14.37	0.0274
2	15	15	396500	1902.5	DFT-s-OFDM 256 QAM	1@77	18.29	14.49	0.0281
2	15	15	396500	1902.5	CP-OFDM QPSK	39@19	21.78	17.98	0.0628
2	15	15	396500	1902.5	CP-OFDM QPSK	1@1	21.07	17.27	0.0533
2	15	15	396500	1902.5	CP-OFDM QPSK	1@77	21.45	17.65	0.0582
2	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	50@25	22.88	19.08	0.0809

2	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	1@1	22.64	18.84	0.0766
2	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	1@104	22.89	19.09	0.0811
2	15	20	388000	1860	DFT-s-OFDM QPSK	50@25	22.53	18.73	0.0746
2	15	20	388000	1860	DFT-s-OFDM QPSK	1@1	22.53	18.73	0.0746
2	15	20	388000	1860	DFT-s-OFDM QPSK	1@104	22.53	18.73	0.0746
2	15	20	388000	1860	DFT-s-OFDM 16 QAM	50@25	20.81	17.01	0.0502
2	15	20	388000	1860	DFT-s-OFDM 16 QAM	1@1	20.58	16.78	0.0476
2	15	20	388000	1860	DFT-s-OFDM 16 QAM	1@104	21.55	17.75	0.0596
2	15	20	388000	1860	DFT-s-OFDM 64 QAM	50@25	19.37	15.57	0.0361
2	15	20	388000	1860	DFT-s-OFDM 64 QAM	1@1	19.34	15.54	0.0358
2	15	20	388000	1860	DFT-s-OFDM 64 QAM	1@104	20.25	16.45	0.0442
2	15	20	388000	1860	DFT-s-OFDM 256 QAM	50@25	17.75	13.95	0.0248
2	15	20	388000	1860	DFT-s-OFDM 256 QAM	1@1	17.16	13.36	0.0217
2	15	20	388000	1860	DFT-s-OFDM 256 QAM	1@104	18.24	14.44	0.0278
2	15	20	388000	1860	CP-OFDM QPSK	53@26	20.26	16.46	0.0443
2	15	20	388000	1860	CP-OFDM QPSK	1@1	20.26	16.46	0.0443
2	15	20	388000	1860	CP-OFDM QPSK	1@104	21.2	17.4	0.0550
2	15	20	392000	1880	DFT-s-OFDM PI/2 BPSK	50@25	23.1	19.3	0.0851
2	15	20	392000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.89	19.09	0.0811
2	15	20	392000	1880	DFT-s-OFDM PI/2 BPSK	1@104	22.79	18.99	0.0793
2	15	20	392000	1880	DFT-s-OFDM QPSK	50@25	23.15	19.35	0.0861
2	15	20	392000	1880	DFT-s-OFDM QPSK	1@1	22.82	19.02	0.0798
2	15	20	392000	1880	DFT-s-OFDM QPSK	1@104	21.82	18.02	0.0634
2	15	20	392000	1880	DFT-s-OFDM 16 QAM	50@25	22.26	18.46	0.0701
2	15	20	392000	1880	DFT-s-OFDM 16 QAM	1@1	21.92	18.12	0.0649
2	15	20	392000	1880	DFT-s-OFDM 16 QAM	1@104	20.96	17.16	0.0520
2	15	20	392000	1880	DFT-s-OFDM 64 QAM	50@25	20.75	16.95	0.0495
2	15	20	392000	1880	DFT-s-OFDM 64 QAM	1@1	20.62	16.82	0.0481
2	15	20	392000	1880	DFT-s-OFDM 64 QAM	1@104	19.65	15.85	0.0385
2	15	20	392000	1880	DFT-s-OFDM 256 QAM	50@25	18.71	14.91	0.0310
2	15	20	392000	1880	DFT-s-OFDM 256 QAM	1@1	18.41	14.61	0.0289
2	15	20	392000	1880	DFT-s-OFDM 256 QAM	1@104	17.55	13.75	0.0237
2	15	20	392000	1880	CP-OFDM QPSK	53@26	21.67	17.87	0.0612
2	15	20	392000	1880	CP-OFDM QPSK	1@1	21.63	17.83	0.0607

2	15	20	392000	1880	CP-OFDM QPSK	1@104	20.46	16.66	0.0463
2	15	20	396000	1900	DFT-s-OFDM PI/2 BPSK	50@25	22.96	19.16	0.0824
2	15	20	396000	1900	DFT-s-OFDM PI/2 BPSK	1@1	22.51	18.71	0.0743
2	15	20	396000	1900	DFT-s-OFDM PI/2 BPSK	1@104	22.89	19.09	0.0811
2	15	20	396000	1900	DFT-s-OFDM QPSK	50@25	22.88	19.08	0.0809
2	15	20	396000	1900	DFT-s-OFDM QPSK	1@1	22.53	18.73	0.0746
2	15	20	396000	1900	DFT-s-OFDM QPSK	1@104	22.45	18.65	0.0733
2	15	20	396000	1900	DFT-s-OFDM 16 QAM	50@25	21.94	18.14	0.0652
2	15	20	396000	1900	DFT-s-OFDM 16 QAM	1@1	20.64	16.84	0.0483
2	15	20	396000	1900	DFT-s-OFDM 16 QAM	1@104	21.5	17.7	0.0589
2	15	20	396000	1900	DFT-s-OFDM 64 QAM	50@25	20.5	16.7	0.0468
2	15	20	396000	1900	DFT-s-OFDM 64 QAM	1@1	19.32	15.52	0.0356
2	15	20	396000	1900	DFT-s-OFDM 64 QAM	1@104	20.25	16.45	0.0442
2	15	20	396000	1900	DFT-s-OFDM 256 QAM	50@25	18.93	15.13	0.0326
2	15	20	396000	1900	DFT-s-OFDM 256 QAM	1@1	17.36	13.56	0.0227
2	15	20	396000	1900	DFT-s-OFDM 256 QAM	1@104	18.14	14.34	0.0272
2	15	20	396000	1900	CP-OFDM QPSK	53@26	21.52	17.72	0.0592
2	15	20	396000	1900	CP-OFDM QPSK	1@1	20.19	16.39	0.0436
2	15	20	396000	1900	CP-OFDM QPSK	1@104	21.13	17.33	0.0541

Software Version: 21.02.121001

FR1 N2 (ANT2)

LTE Band: 5, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, (G_T - L_C)= -8.0dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
2	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	12@6	22.6	14.6	0.0288
2	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	1@1	22.28	14.28	0.0268
2	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	1@23	22.89	14.89	0.0308
2	15	5	386500	1852.5	DFT-s-OFDM QPSK	12@6	21.55	13.55	0.0226
2	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@1	21.27	13.27	0.0212
2	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@23	21.91	13.91	0.0246
2	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	12@6	20.6	12.6	0.0182
2	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	1@1	20.21	12.21	0.0166
2	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	1@23	20.86	12.86	0.0193
2	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	12@6	19.06	11.06	0.0128
2	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	1@1	18.81	10.81	0.0121
2	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	1@23	19.45	11.45	0.0140
2	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	12@6	17.4	9.4	0.0087
2	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	1@1	16.49	8.49	0.0071
2	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	1@23	17.17	9.17	0.0083
2	15	5	386500	1852.5	CP-OFDM QPSK	13@6	19.95	11.95	0.0157
2	15	5	386500	1852.5	CP-OFDM QPSK	1@1	19.83	11.83	0.0152
2	15	5	386500	1852.5	CP-OFDM QPSK	1@23	20.43	12.43	0.0175
2	15	5	392000	1880	DFT-s-OFDM PI/2 BPSK	12@6	23.52	15.52	0.0356
2	15	5	392000	1880	DFT-s-OFDM PI/2 BPSK	1@1	23.63	15.63	0.0366
2	15	5	392000	1880	DFT-s-OFDM PI/2 BPSK	1@23	23.57	15.57	0.0361
2	15	5	392000	1880	DFT-s-OFDM QPSK	12@6	23.56	15.56	0.0360
2	15	5	392000	1880	DFT-s-OFDM QPSK	1@1	23.65	15.65	0.0367
2	15	5	392000	1880	DFT-s-OFDM QPSK	1@23	23.5	15.5	0.0355
2	15	5	392000	1880	DFT-s-OFDM 16 QAM	12@6	22.69	14.69	0.0294
2	15	5	392000	1880	DFT-s-OFDM 16 QAM	1@1	22.62	14.62	0.0290
2	15	5	392000	1880	DFT-s-OFDM 16 QAM	1@23	22.57	14.57	0.0286

2	15	5	392000	1880	DFT-s-OFDM 64 QAM	12@6	21.19	13.19	0.0208
2	15	5	392000	1880	DFT-s-OFDM 64 QAM	1@1	21.29	13.29	0.0213
2	15	5	392000	1880	DFT-s-OFDM 64 QAM	1@23	21.24	13.24	0.0211
2	15	5	392000	1880	DFT-s-OFDM 256 QAM	12@6	19.14	11.14	0.0130
2	15	5	392000	1880	DFT-s-OFDM 256 QAM	1@1	18.64	10.64	0.0116
2	15	5	392000	1880	DFT-s-OFDM 256 QAM	1@23	18.53	10.53	0.0113
2	15	5	392000	1880	CP-OFDM QPSK	13@6	21.99	13.99	0.0251
2	15	5	392000	1880	CP-OFDM QPSK	1@1	22.14	14.14	0.0259
2	15	5	392000	1880	CP-OFDM QPSK	1@23	22.03	14.03	0.0253
2	15	5	397500	1907.5	DFT-s-OFDM PI/2 BPSK	12@6	23.77	15.77	0.0378
2	15	5	397500	1907.5	DFT-s-OFDM PI/2 BPSK	1@1	23.76	15.76	0.0377
2	15	5	397500	1907.5	DFT-s-OFDM PI/2 BPSK	1@23	23.81	15.81	0.0381
2	15	5	397500	1907.5	DFT-s-OFDM QPSK	12@6	23.64	15.64	0.0366
2	15	5	397500	1907.5	DFT-s-OFDM QPSK	1@1	23.84	15.84	0.0384
2	15	5	397500	1907.5	DFT-s-OFDM QPSK	1@23	23.38	15.38	0.0345
2	15	5	397500	1907.5	DFT-s-OFDM 16 QAM	12@6	22.71	14.71	0.0296
2	15	5	397500	1907.5	DFT-s-OFDM 16 QAM	1@1	22.83	14.83	0.0304
2	15	5	397500	1907.5	DFT-s-OFDM 16 QAM	1@23	22.38	14.38	0.0274
2	15	5	397500	1907.5	DFT-s-OFDM 64 QAM	12@6	21.28	13.28	0.0213
2	15	5	397500	1907.5	DFT-s-OFDM 64 QAM	1@1	21.51	13.51	0.0224
2	15	5	397500	1907.5	DFT-s-OFDM 64 QAM	1@23	21.1	13.1	0.0204
2	15	5	397500	1907.5	DFT-s-OFDM 256 QAM	12@6	19.43	11.43	0.0139
2	15	5	397500	1907.5	DFT-s-OFDM 256 QAM	1@1	18.93	10.93	0.0124
2	15	5	397500	1907.5	DFT-s-OFDM 256 QAM	1@23	18.86	10.86	0.0122
2	15	5	397500	1907.5	CP-OFDM QPSK	13@6	22	14	0.0251
2	15	5	397500	1907.5	CP-OFDM QPSK	1@1	22.42	14.42	0.0277
2	15	5	397500	1907.5	CP-OFDM QPSK	1@23	21.93	13.93	0.0247
2	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	25@12	22.81	14.81	0.0303
2	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	1@1	22.1	14.1	0.0257
2	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	1@50	23.39	15.39	0.0346
2	15	10	387000	1855	DFT-s-OFDM QPSK	25@12	21.6	13.6	0.0229
2	15	10	387000	1855	DFT-s-OFDM QPSK	1@1	21.06	13.06	0.0202
2	15	10	387000	1855	DFT-s-OFDM QPSK	1@50	22.4	14.4	0.0275
2	15	10	387000	1855	DFT-s-OFDM 16 QAM	25@12	20.64	12.64	0.0184

2	15	10	387000	1855	DFT-s-OFDM 16 QAM	1@1	20.01	12.01	0.0159
2	15	10	387000	1855	DFT-s-OFDM 16 QAM	1@50	21.36	13.36	0.0217
2	15	10	387000	1855	DFT-s-OFDM 64 QAM	25@12	19.07	11.07	0.0128
2	15	10	387000	1855	DFT-s-OFDM 64 QAM	1@1	18.62	10.62	0.0115
2	15	10	387000	1855	DFT-s-OFDM 64 QAM	1@50	20.01	12.01	0.0159
2	15	10	387000	1855	DFT-s-OFDM 256 QAM	25@12	17.42	9.42	0.0087
2	15	10	387000	1855	DFT-s-OFDM 256 QAM	1@1	17.32	9.32	0.0086
2	15	10	387000	1855	DFT-s-OFDM 256 QAM	1@50	17.75	9.75	0.0094
2	15	10	387000	1855	CP-OFDM QPSK	26@13	20.11	12.11	0.0163
2	15	10	387000	1855	CP-OFDM QPSK	1@1	19.68	11.68	0.0147
2	15	10	387000	1855	CP-OFDM QPSK	1@50	21.08	13.08	0.0203
2	15	10	392000	1880	DFT-s-OFDM PI/2 BPSK	25@12	23.56	15.56	0.0360
2	15	10	392000	1880	DFT-s-OFDM PI/2 BPSK	1@1	23.75	15.75	0.0376
2	15	10	392000	1880	DFT-s-OFDM PI/2 BPSK	1@50	23.58	15.58	0.0361
2	15	10	392000	1880	DFT-s-OFDM QPSK	25@12	23.53	15.53	0.0357
2	15	10	392000	1880	DFT-s-OFDM QPSK	1@1	23.4	15.4	0.0347
2	15	10	392000	1880	DFT-s-OFDM QPSK	1@50	23.59	15.59	0.0362
2	15	10	392000	1880	DFT-s-OFDM 16 QAM	25@12	22.56	14.56	0.0286
2	15	10	392000	1880	DFT-s-OFDM 16 QAM	1@1	22.39	14.39	0.0275
2	15	10	392000	1880	DFT-s-OFDM 16 QAM	1@50	22.57	14.57	0.0286
2	15	10	392000	1880	DFT-s-OFDM 64 QAM	25@12	21.02	13.02	0.0200
2	15	10	392000	1880	DFT-s-OFDM 64 QAM	1@1	21.04	13.04	0.0201
2	15	10	392000	1880	DFT-s-OFDM 64 QAM	1@50	21.26	13.26	0.0212
2	15	10	392000	1880	DFT-s-OFDM 256 QAM	25@12	19.07	11.07	0.0128
2	15	10	392000	1880	DFT-s-OFDM 256 QAM	1@1	18.74	10.74	0.0119
2	15	10	392000	1880	DFT-s-OFDM 256 QAM	1@50	18.55	10.55	0.0114
2	15	10	392000	1880	CP-OFDM QPSK	26@13	21.96	13.96	0.0249
2	15	10	392000	1880	CP-OFDM QPSK	1@1	22.02	14.02	0.0252
2	15	10	392000	1880	CP-OFDM QPSK	1@50	22.15	14.15	0.0260
2	15	10	397000	1905	DFT-s-OFDM PI/2 BPSK	25@12	23.89	15.89	0.0388
2	15	10	397000	1905	DFT-s-OFDM PI/2 BPSK	1@1	23.65	15.65	0.0367
2	15	10	397000	1905	DFT-s-OFDM PI/2 BPSK	1@50	23.79	15.79	0.0379
2	15	10	397000	1905	DFT-s-OFDM QPSK	25@12	23.65	15.65	0.0367
2	15	10	397000	1905	DFT-s-OFDM QPSK	1@1	23.18	15.18	0.0330

2	15	10	397000	1905	DFT-s-OFDM QPSK	1@50	23.2	15.2	0.0331
2	15	10	397000	1905	DFT-s-OFDM 16 QAM	25@12	22.69	14.69	0.0294
2	15	10	397000	1905	DFT-s-OFDM 16 QAM	1@1	22.17	14.17	0.0261
2	15	10	397000	1905	DFT-s-OFDM 16 QAM	1@50	22.24	14.24	0.0265
2	15	10	397000	1905	DFT-s-OFDM 64 QAM	25@12	21.21	13.21	0.0209
2	15	10	397000	1905	DFT-s-OFDM 64 QAM	1@1	20.84	12.84	0.0192
2	15	10	397000	1905	DFT-s-OFDM 64 QAM	1@50	20.97	12.97	0.0198
2	15	10	397000	1905	DFT-s-OFDM 256 QAM	25@12	19.41	11.41	0.0138
2	15	10	397000	1905	DFT-s-OFDM 256 QAM	1@1	18.55	10.55	0.0114
2	15	10	397000	1905	DFT-s-OFDM 256 QAM	1@50	18.88	10.88	0.0122
2	15	10	397000	1905	CP-OFDM QPSK	26@13	22.08	14.08	0.0256
2	15	10	397000	1905	CP-OFDM QPSK	1@1	21.84	13.84	0.0242
2	15	10	397000	1905	CP-OFDM QPSK	1@50	21.89	13.89	0.0245
2	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	36@18	22.93	14.93	0.0311
2	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	1@1	21.94	13.94	0.0248
2	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	1@77	23.56	15.56	0.0360
2	15	15	387500	1857.5	DFT-s-OFDM QPSK	36@18	21.65	13.65	0.0232
2	15	15	387500	1857.5	DFT-s-OFDM QPSK	1@1	20.85	12.85	0.0193
2	15	15	387500	1857.5	DFT-s-OFDM QPSK	1@77	22.56	14.56	0.0286
2	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	36@18	20.64	12.64	0.0184
2	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	1@1	19.79	11.79	0.0151
2	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	1@77	21.55	13.55	0.0226
2	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	36@18	19.13	11.13	0.0130
2	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	1@1	18.41	10.41	0.0110
2	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	1@77	20.21	12.21	0.0166
2	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	36@18	17.46	9.46	0.0088
2	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	1@1	17.32	9.32	0.0086
2	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	1@77	17.93	9.93	0.0098
2	15	15	387500	1857.5	CP-OFDM QPSK	39@19	20.21	12.21	0.0166
2	15	15	387500	1857.5	CP-OFDM QPSK	1@1	19.46	11.46	0.0140
2	15	15	387500	1857.5	CP-OFDM QPSK	1@77	21.11	13.11	0.0205
2	15	15	392000	1880	DFT-s-OFDM PI/2 BPSK	36@18	23.58	15.58	0.0361
2	15	15	392000	1880	DFT-s-OFDM PI/2 BPSK	1@1	23.76	15.76	0.0377
2	15	15	392000	1880	DFT-s-OFDM PI/2 BPSK	1@77	23.66	15.66	0.0368

2	15	15	392000	1880	DFT-s-OFDM QPSK	36@18	23.34	15.34	0.0342
2	15	15	392000	1880	DFT-s-OFDM QPSK	1@1	23.1	15.1	0.0324
2	15	15	392000	1880	DFT-s-OFDM QPSK	1@77	22.87	14.87	0.0307
2	15	15	392000	1880	DFT-s-OFDM 16 QAM	36@18	22.36	14.36	0.0273
2	15	15	392000	1880	DFT-s-OFDM 16 QAM	1@1	22.09	14.09	0.0256
2	15	15	392000	1880	DFT-s-OFDM 16 QAM	1@77	21.84	13.84	0.0242
2	15	15	392000	1880	DFT-s-OFDM 64 QAM	36@18	20.87	12.87	0.0194
2	15	15	392000	1880	DFT-s-OFDM 64 QAM	1@1	20.7	12.7	0.0186
2	15	15	392000	1880	DFT-s-OFDM 64 QAM	1@77	20.48	12.48	0.0177
2	15	15	392000	1880	DFT-s-OFDM 256 QAM	36@18	19.09	11.09	0.0129
2	15	15	392000	1880	DFT-s-OFDM 256 QAM	1@1	18.23	10.23	0.0105
2	15	15	392000	1880	DFT-s-OFDM 256 QAM	1@77	18.55	10.55	0.0114
2	15	15	392000	1880	CP-OFDM QPSK	39@19	21.86	13.86	0.0243
2	15	15	392000	1880	CP-OFDM QPSK	1@1	21.75	13.75	0.0237
2	15	15	392000	1880	CP-OFDM QPSK	1@77	21.38	13.38	0.0218
2	15	15	396500	1902.5	DFT-s-OFDM PI/2 BPSK	36@18	23.77	15.77	0.0378
2	15	15	396500	1902.5	DFT-s-OFDM PI/2 BPSK	1@1	23.25	15.25	0.0335
2	15	15	396500	1902.5	DFT-s-OFDM PI/2 BPSK	1@77	23.69	15.69	0.0371
2	15	15	396500	1902.5	DFT-s-OFDM QPSK	36@18	23.16	15.16	0.0328
2	15	15	396500	1902.5	DFT-s-OFDM QPSK	1@1	22.22	14.22	0.0264
2	15	15	396500	1902.5	DFT-s-OFDM QPSK	1@77	23.12	15.12	0.0325
2	15	15	396500	1902.5	DFT-s-OFDM 16 QAM	36@18	22.21	14.21	0.0264
2	15	15	396500	1902.5	DFT-s-OFDM 16 QAM	1@1	21.22	13.22	0.0210
2	15	15	396500	1902.5	DFT-s-OFDM 16 QAM	1@77	22.14	14.14	0.0259
2	15	15	396500	1902.5	DFT-s-OFDM 64 QAM	36@18	20.73	12.73	0.0187
2	15	15	396500	1902.5	DFT-s-OFDM 64 QAM	1@1	19.86	11.86	0.0153
2	15	15	396500	1902.5	DFT-s-OFDM 64 QAM	1@77	20.88	12.88	0.0194
2	15	15	396500	1902.5	DFT-s-OFDM 256 QAM	36@18	19.08	11.08	0.0128
2	15	15	396500	1902.5	DFT-s-OFDM 256 QAM	1@1	18.21	10.21	0.0105
2	15	15	396500	1902.5	DFT-s-OFDM 256 QAM	1@77	18.75	10.75	0.0119
2	15	15	396500	1902.5	CP-OFDM QPSK	39@19	21.83	13.83	0.0242
2	15	15	396500	1902.5	CP-OFDM QPSK	1@1	20.88	12.88	0.0194
2	15	15	396500	1902.5	CP-OFDM QPSK	1@77	21.64	13.64	0.0231
2	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	50@25	23.02	15.02	0.0318

2	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	1@1	23.23	15.23	0.0333
2	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	1@104	23.52	15.52	0.0356
2	15	20	388000	1860	DFT-s-OFDM QPSK	50@25	23.23	15.23	0.0333
2	15	20	388000	1860	DFT-s-OFDM QPSK	1@1	23.32	15.32	0.0340
2	15	20	388000	1860	DFT-s-OFDM QPSK	1@104	22.54	14.54	0.0284
2	15	20	388000	1860	DFT-s-OFDM 16 QAM	50@25	20.79	12.79	0.0190
2	15	20	388000	1860	DFT-s-OFDM 16 QAM	1@1	20.04	12.04	0.0160
2	15	20	388000	1860	DFT-s-OFDM 16 QAM	1@104	21.54	13.54	0.0226
2	15	20	388000	1860	DFT-s-OFDM 64 QAM	50@25	19.3	11.3	0.0135
2	15	20	388000	1860	DFT-s-OFDM 64 QAM	1@1	18.68	10.68	0.0117
2	15	20	388000	1860	DFT-s-OFDM 64 QAM	1@104	20.21	12.21	0.0166
2	15	20	388000	1860	DFT-s-OFDM 256 QAM	50@25	18.21	10.21	0.0105
2	15	20	388000	1860	DFT-s-OFDM 256 QAM	1@1	18.32	10.32	0.0108
2	15	20	388000	1860	DFT-s-OFDM 256 QAM	1@104	18.33	10.33	0.0108
2	15	20	388000	1860	CP-OFDM QPSK	53@26	20.31	12.31	0.0170
2	15	20	388000	1860	CP-OFDM QPSK	1@1	19.68	11.68	0.0147
2	15	20	388000	1860	CP-OFDM QPSK	1@104	21.16	13.16	0.0207
2	15	20	392000	1880	DFT-s-OFDM PI/2 BPSK	50@25	23.61	15.61	0.0364
2	15	20	392000	1880	DFT-s-OFDM PI/2 BPSK	1@1	23.91	15.91	0.0390
2	15	20	392000	1880	DFT-s-OFDM PI/2 BPSK	1@104	23.42	15.42	0.0348
2	15	20	392000	1880	DFT-s-OFDM QPSK	50@25	23.3	15.3	0.0339
2	15	20	392000	1880	DFT-s-OFDM QPSK	1@1	22.66	14.66	0.0292
2	15	20	392000	1880	DFT-s-OFDM QPSK	1@104	22.43	14.43	0.0277
2	15	20	392000	1880	DFT-s-OFDM 16 QAM	50@25	22.31	14.31	0.0270
2	15	20	392000	1880	DFT-s-OFDM 16 QAM	1@1	21.65	13.65	0.0232
2	15	20	392000	1880	DFT-s-OFDM 16 QAM	1@104	21.4	13.4	0.0219
2	15	20	392000	1880	DFT-s-OFDM 64 QAM	50@25	20.83	12.83	0.0192
2	15	20	392000	1880	DFT-s-OFDM 64 QAM	1@1	20.31	12.31	0.0170
2	15	20	392000	1880	DFT-s-OFDM 64 QAM	1@104	20.06	12.06	0.0161
2	15	20	392000	1880	DFT-s-OFDM 256 QAM	50@25	19.19	11.19	0.0132
2	15	20	392000	1880	DFT-s-OFDM 256 QAM	1@1	18.32	10.32	0.0108
2	15	20	392000	1880	DFT-s-OFDM 256 QAM	1@104	18.08	10.08	0.0102
2	15	20	392000	1880	CP-OFDM QPSK	53@26	21.8	13.8	0.0240
2	15	20	392000	1880	CP-OFDM QPSK	1@1	21.3	13.3	0.0214

2	15	20	392000	1880	CP-OFDM QPSK	1@104	20.98	12.98	0.0199
2	15	20	396000	1900	DFT-s-OFDM PI/2 BPSK	50@25	23.75	15.75	0.0376
2	15	20	396000	1900	DFT-s-OFDM PI/2 BPSK	1@1	23.15	15.15	0.0327
2	15	20	396000	1900	DFT-s-OFDM PI/2 BPSK	1@104	23.69	15.69	0.0371
2	15	20	396000	1900	DFT-s-OFDM QPSK	50@25	22.74	14.74	0.0298
2	15	20	396000	1900	DFT-s-OFDM QPSK	1@1	22.12	14.12	0.0258
2	15	20	396000	1900	DFT-s-OFDM QPSK	1@104	23.03	15.03	0.0318
2	15	20	396000	1900	DFT-s-OFDM 16 QAM	50@25	21.79	13.79	0.0239
2	15	20	396000	1900	DFT-s-OFDM 16 QAM	1@1	21.08	13.08	0.0203
2	15	20	396000	1900	DFT-s-OFDM 16 QAM	1@104	22.04	14.04	0.0254
2	15	20	396000	1900	DFT-s-OFDM 64 QAM	50@25	20.32	12.32	0.0171
2	15	20	396000	1900	DFT-s-OFDM 64 QAM	1@1	19.76	11.76	0.0150
2	15	20	396000	1900	DFT-s-OFDM 64 QAM	1@104	20.79	12.79	0.0190
2	15	20	396000	1900	DFT-s-OFDM 256 QAM	50@25	18.67	10.67	0.0117
2	15	20	396000	1900	DFT-s-OFDM 256 QAM	1@1	18.65	10.65	0.0116
2	15	20	396000	1900	DFT-s-OFDM 256 QAM	1@104	19.13	11.13	0.0130
2	15	20	396000	1900	CP-OFDM QPSK	53@26	21.36	13.36	0.0217
2	15	20	396000	1900	CP-OFDM QPSK	1@1	20.76	12.76	0.0189
2	15	20	396000	1900	CP-OFDM QPSK	1@104	21.62	13.62	0.0230

Software Version: 21.02.121001

FR1 N5 (ANT1)

LTE Band: 2, LTE BW: 20M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, (G_T - L_C)= -7.5dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
5	15	20	175800	834	DFT-s-OFDM PI/2 BPSK	50@25	23.04	13.39	0.0218
5	15	20	175800	834	DFT-s-OFDM PI/2 BPSK	1@1	23.12	13.47	0.0222
5	15	20	175800	834	DFT-s-OFDM PI/2 BPSK	1@104	22.98	13.33	0.0215
5	15	20	175800	834	DFT-s-OFDM QPSK	50@25	23.05	13.4	0.0219
5	15	20	175800	834	DFT-s-OFDM QPSK	1@1	23.2	13.55	0.0226
5	15	20	175800	834	DFT-s-OFDM QPSK	1@104	23.06	13.41	0.0219
5	15	20	175800	834	DFT-s-OFDM 16 QAM	50@25	22.24	12.59	0.0182
5	15	20	175800	834	DFT-s-OFDM 16 QAM	1@1	22.22	12.57	0.0181
5	15	20	175800	834	DFT-s-OFDM 16 QAM	1@104	22.06	12.41	0.0174
5	15	20	175800	834	DFT-s-OFDM 64 QAM	50@25	20.73	11.08	0.0128
5	15	20	175800	834	DFT-s-OFDM 64 QAM	1@1	20.9	11.25	0.0133
5	15	20	175800	834	DFT-s-OFDM 64 QAM	1@104	20.78	11.13	0.0130
5	15	20	175800	834	DFT-s-OFDM 256 QAM	50@25	18.69	9.04	0.0080
5	15	20	175800	834	DFT-s-OFDM 256 QAM	1@1	18.24	8.59	0.0072
5	15	20	175800	834	DFT-s-OFDM 256 QAM	1@104	18.09	8.44	0.0070
5	15	20	175800	834	CP-OFDM QPSK	53@26	21.68	12.03	0.0160
5	15	20	175800	834	CP-OFDM QPSK	1@1	21.8	12.15	0.0164
5	15	20	175800	834	CP-OFDM QPSK	1@104	21.65	12	0.0158
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	23.02	13.37	0.0217
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.08	13.43	0.0220
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	22.93	13.28	0.0213
5	15	20	176300	836.5	DFT-s-OFDM QPSK	50@25	23.09	13.44	0.0221
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@1	23.17	13.52	0.0225
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@104	23.05	13.4	0.0219
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	50@25	22.21	12.56	0.0180
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.26	12.61	0.0182
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	1@104	22.07	12.42	0.0175

5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	50@25	20.72	11.07	0.0128
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	1@1	20.98	11.33	0.0136
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	1@104	20.78	11.13	0.0130
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	50@25	18.76	9.11	0.0081
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.19	8.54	0.0071
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	1@104	18.03	8.38	0.0069
5	15	20	176300	836.5	CP-OFDM QPSK	53@26	21.61	11.96	0.0157
5	15	20	176300	836.5	CP-OFDM QPSK	1@1	21.8	12.15	0.0164
5	15	20	176300	836.5	CP-OFDM QPSK	1@104	21.62	11.97	0.0157
5	15	20	176800	839	DFT-s-OFDM PI/2 BPSK	50@25	23.04	13.39	0.0218
5	15	20	176800	839	DFT-s-OFDM PI/2 BPSK	1@1	23.04	13.39	0.0218
5	15	20	176800	839	DFT-s-OFDM PI/2 BPSK	1@104	22.99	13.34	0.0216
5	15	20	176800	839	DFT-s-OFDM QPSK	50@25	23.06	13.41	0.0219
5	15	20	176800	839	DFT-s-OFDM QPSK	1@1	23.16	13.51	0.0224
5	15	20	176800	839	DFT-s-OFDM QPSK	1@104	22.99	13.34	0.0216
5	15	20	176800	839	DFT-s-OFDM 16 QAM	50@25	22.18	12.53	0.0179
5	15	20	176800	839	DFT-s-OFDM 16 QAM	1@1	22.07	12.42	0.0175
5	15	20	176800	839	DFT-s-OFDM 16 QAM	1@104	22.08	12.43	0.0175
5	15	20	176800	839	DFT-s-OFDM 64 QAM	50@25	20.68	11.03	0.0127
5	15	20	176800	839	DFT-s-OFDM 64 QAM	1@1	20.82	11.17	0.0131
5	15	20	176800	839	DFT-s-OFDM 64 QAM	1@104	20.7	11.05	0.0127
5	15	20	176800	839	DFT-s-OFDM 256 QAM	50@25	18.54	8.89	0.0077
5	15	20	176800	839	DFT-s-OFDM 256 QAM	1@1	18.16	8.51	0.0071
5	15	20	176800	839	DFT-s-OFDM 256 QAM	1@104	18.01	8.36	0.0069
5	15	20	176800	839	CP-OFDM QPSK	53@26	21.57	11.92	0.0156
5	15	20	176800	839	CP-OFDM QPSK	1@1	21.79	12.14	0.0164
5	15	20	176800	839	CP-OFDM QPSK	1@104	21.57	11.92	0.0156

Software Version: 21.02.121001

FR1 N5 (ANT2)

Transmitter Conducted Output Power And EIRP, (G_T - L_C)= -7.7dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
5	15	5	174300	826.5	DFT-s-OFDM PI/2 BPSK	12@6	23.61	13.76	0.0238
5	15	5	174300	826.5	DFT-s-OFDM PI/2 BPSK	1@1	23.6	13.75	0.0237
5	15	5	174300	826.5	DFT-s-OFDM PI/2 BPSK	1@23	23.55	13.7	0.0234
5	15	5	174300	826.5	DFT-s-OFDM QPSK	12@6	23.59	13.74	0.0237
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@1	23.75	13.9	0.0245
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@23	23.8	13.95	0.0248
5	15	5	174300	826.5	DFT-s-OFDM 16 QAM	12@6	22.46	12.61	0.0182
5	15	5	174300	826.5	DFT-s-OFDM 16 QAM	1@1	22.82	12.97	0.0198
5	15	5	174300	826.5	DFT-s-OFDM 16 QAM	1@23	22.78	12.93	0.0196
5	15	5	174300	826.5	DFT-s-OFDM 64 QAM	12@6	21.12	11.27	0.0134
5	15	5	174300	826.5	DFT-s-OFDM 64 QAM	1@1	21.34	11.49	0.0141
5	15	5	174300	826.5	DFT-s-OFDM 64 QAM	1@23	21.38	11.53	0.0142
5	15	5	174300	826.5	DFT-s-OFDM 256 QAM	12@6	19.04	9.19	0.0083
5	15	5	174300	826.5	DFT-s-OFDM 256 QAM	1@1	18.95	9.1	0.0081
5	15	5	174300	826.5	DFT-s-OFDM 256 QAM	1@23	18.88	9.03	0.0080
5	15	5	174300	826.5	CP-OFDM QPSK	13@6	22.22	12.37	0.0173
5	15	5	174300	826.5	CP-OFDM QPSK	1@1	22.3	12.45	0.0176
5	15	5	174300	826.5	CP-OFDM QPSK	1@23	22.22	12.37	0.0173
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	12@6	23.66	13.81	0.0240
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.51	13.66	0.0232
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@23	23.59	13.74	0.0237
5	15	5	176300	836.5	DFT-s-OFDM QPSK	12@6	23.54	13.69	0.0234
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@1	23.74	13.89	0.0245
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@23	23.75	13.9	0.0245
5	15	5	176300	836.5	DFT-s-OFDM 16 QAM	12@6	22.44	12.59	0.0182
5	15	5	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.74	12.89	0.0195
5	15	5	176300	836.5	DFT-s-OFDM 16 QAM	1@23	22.65	12.8	0.0191
5	15	5	176300	836.5	DFT-s-OFDM 64 QAM	12@6	21.2	11.35	0.0136
5	15	5	176300	836.5	DFT-s-OFDM	1@1	21.3	11.45	0.0140

					64 QAM				
5	15	5	176300	836.5	DFT-s-OFDM 64 QAM	1@23	21.36	11.51	0.0142
5	15	5	176300	836.5	DFT-s-OFDM 256 QAM	12@6	18.82	8.97	0.0079
5	15	5	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.87	9.02	0.0080
5	15	5	176300	836.5	DFT-s-OFDM 256 QAM	1@23	18.96	9.11	0.0081
5	15	5	176300	836.5	CP-OFDM QPSK	13@6	22.23	12.38	0.0173
5	15	5	176300	836.5	CP-OFDM QPSK	1@1	22.34	12.49	0.0177
5	15	5	176300	836.5	CP-OFDM QPSK	1@23	22.3	12.45	0.0176
5	15	5	178300	846.5	DFT-s-OFDM PI/2 BPSK	12@6	23.5	13.65	0.0232
5	15	5	178300	846.5	DFT-s-OFDM PI/2 BPSK	1@1	23.47	13.62	0.0230
5	15	5	178300	846.5	DFT-s-OFDM PI/2 BPSK	1@23	23.45	13.6	0.0229
5	15	5	178300	846.5	DFT-s-OFDM QPSK	12@6	23.5	13.65	0.0232
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@1	23.67	13.82	0.0241
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@23	23.63	13.78	0.0239
5	15	5	178300	846.5	DFT-s-OFDM 16 QAM	12@6	22.22	12.37	0.0173
5	15	5	178300	846.5	DFT-s-OFDM 16 QAM	1@1	22.7	12.85	0.0193
5	15	5	178300	846.5	DFT-s-OFDM 16 QAM	1@23	22.64	12.79	0.0190
5	15	5	178300	846.5	DFT-s-OFDM 64 QAM	12@6	21.02	11.17	0.0131
5	15	5	178300	846.5	DFT-s-OFDM 64 QAM	1@1	21.25	11.4	0.0138
5	15	5	178300	846.5	DFT-s-OFDM 64 QAM	1@23	21.2	11.35	0.0136
5	15	5	178300	846.5	DFT-s-OFDM 256 QAM	12@6	18.9	9.05	0.0080
5	15	5	178300	846.5	DFT-s-OFDM 256 QAM	1@1	18.86	9.01	0.0080
5	15	5	178300	846.5	DFT-s-OFDM 256 QAM	1@23	18.8	8.95	0.0079
5	15	5	178300	846.5	CP-OFDM QPSK	13@6	22.08	12.23	0.0167
5	15	5	178300	846.5	CP-OFDM QPSK	1@1	22.19	12.34	0.0171
5	15	5	178300	846.5	CP-OFDM QPSK	1@23	22.1	12.25	0.0168
5	15	10	174800	829	DFT-s-OFDM PI/2 BPSK	25@12	23.6	13.75	0.0237
5	15	10	174800	829	DFT-s-OFDM PI/2 BPSK	1@1	23.58	13.73	0.0236
5	15	10	174800	829	DFT-s-OFDM PI/2 BPSK	1@50	23.53	13.68	0.0233
5	15	10	174800	829	DFT-s-OFDM QPSK	25@12	23.63	13.78	0.0239
5	15	10	174800	829	DFT-s-OFDM QPSK	1@1	23.68	13.83	0.0242
5	15	10	174800	829	DFT-s-OFDM QPSK	1@50	23.66	13.81	0.0240
5	15	10	174800	829	DFT-s-OFDM 16 QAM	25@12	22.54	12.69	0.0186
5	15	10	174800	829	DFT-s-OFDM 16 QAM	1@1	22.81	12.96	0.0198

5	15	10	174800	829	DFT-s-OFDM 16 QAM	1@50	22.58	12.73	0.0187
5	15	10	174800	829	DFT-s-OFDM 64 QAM	25@12	21.27	11.42	0.0139
5	15	10	174800	829	DFT-s-OFDM 64 QAM	1@1	21.26	11.41	0.0138
5	15	10	174800	829	DFT-s-OFDM 64 QAM	1@50	21.23	11.38	0.0137
5	15	10	174800	829	DFT-s-OFDM 256 QAM	25@12	19.08	9.23	0.0084
5	15	10	174800	829	DFT-s-OFDM 256 QAM	1@1	18.9	9.05	0.0080
5	15	10	174800	829	DFT-s-OFDM 256 QAM	1@50	18.82	8.97	0.0079
5	15	10	174800	829	CP-OFDM QPSK	26@13	22.12	12.27	0.0169
5	15	10	174800	829	CP-OFDM QPSK	1@1	22.26	12.41	0.0174
5	15	10	174800	829	CP-OFDM QPSK	1@50	22.14	12.29	0.0169
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	25@12	23.6	13.75	0.0237
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.55	13.7	0.0234
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@50	23.53	13.68	0.0233
5	15	10	176300	836.5	DFT-s-OFDM QPSK	25@12	23.58	13.73	0.0236
5	15	10	176300	836.5	DFT-s-OFDM QPSK	1@1	23.69	13.84	0.0242
5	15	10	176300	836.5	DFT-s-OFDM QPSK	1@50	23.65	13.8	0.0240
5	15	10	176300	836.5	DFT-s-OFDM 16 QAM	25@12	22.54	12.69	0.0186
5	15	10	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.78	12.93	0.0196
5	15	10	176300	836.5	DFT-s-OFDM 16 QAM	1@50	22.67	12.82	0.0191
5	15	10	176300	836.5	DFT-s-OFDM 64 QAM	25@12	21.28	11.43	0.0139
5	15	10	176300	836.5	DFT-s-OFDM 64 QAM	1@1	21.24	11.39	0.0138
5	15	10	176300	836.5	DFT-s-OFDM 64 QAM	1@50	21.23	11.38	0.0137
5	15	10	176300	836.5	DFT-s-OFDM 256 QAM	25@12	18.83	8.98	0.0079
5	15	10	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.86	9.01	0.0080
5	15	10	176300	836.5	DFT-s-OFDM 256 QAM	1@50	18.83	8.98	0.0079
5	15	10	176300	836.5	CP-OFDM QPSK	26@13	22.2	12.35	0.0172
5	15	10	176300	836.5	CP-OFDM QPSK	1@1	22.25	12.4	0.0174
5	15	10	176300	836.5	CP-OFDM QPSK	1@50	22.19	12.34	0.0171
5	15	10	177800	844	DFT-s-OFDM PI/2 BPSK	25@12	23.61	13.76	0.0238
5	15	10	177800	844	DFT-s-OFDM PI/2 BPSK	1@1	23.53	13.68	0.0233
5	15	10	177800	844	DFT-s-OFDM PI/2 BPSK	1@50	23.43	13.58	0.0228
5	15	10	177800	844	DFT-s-OFDM QPSK	25@12	23.46	13.61	0.0230
5	15	10	177800	844	DFT-s-OFDM QPSK	1@1	23.54	13.69	0.0234
5	15	10	177800	844	DFT-s-OFDM QPSK	1@50	23.51	13.66	0.0232

5	15	10	177800	844	DFT-s-OFDM 16 QAM	25@12	22.38	12.53	0.0179
5	15	10	177800	844	DFT-s-OFDM 16 QAM	1@1	22.57	12.72	0.0187
5	15	10	177800	844	DFT-s-OFDM 16 QAM	1@50	22.53	12.68	0.0185
5	15	10	177800	844	DFT-s-OFDM 64 QAM	25@12	21.25	11.4	0.0138
5	15	10	177800	844	DFT-s-OFDM 64 QAM	1@1	21.27	11.42	0.0139
5	15	10	177800	844	DFT-s-OFDM 64 QAM	1@50	21.19	11.34	0.0136
5	15	10	177800	844	DFT-s-OFDM 256 QAM	25@12	19.07	9.22	0.0084
5	15	10	177800	844	DFT-s-OFDM 256 QAM	1@1	18.87	9.02	0.0080
5	15	10	177800	844	DFT-s-OFDM 256 QAM	1@50	18.76	8.91	0.0078
5	15	10	177800	844	CP-OFDM QPSK	26@13	22.07	12.22	0.0167
5	15	10	177800	844	CP-OFDM QPSK	1@1	22.25	12.4	0.0174
5	15	10	177800	844	CP-OFDM QPSK	1@50	22.09	12.24	0.0167
5	15	15	175300	831.5	DFT-s-OFDM PI/2 BPSK	36@18	23.62	13.77	0.0238
5	15	15	175300	831.5	DFT-s-OFDM PI/2 BPSK	1@1	23.61	13.76	0.0238
5	15	15	175300	831.5	DFT-s-OFDM PI/2 BPSK	1@77	23.55	13.7	0.0234
5	15	15	175300	831.5	DFT-s-OFDM QPSK	36@18	23.54	13.69	0.0234
5	15	15	175300	831.5	DFT-s-OFDM QPSK	1@1	23.68	13.83	0.0242
5	15	15	175300	831.5	DFT-s-OFDM QPSK	1@77	23.64	13.79	0.0239
5	15	15	175300	831.5	DFT-s-OFDM 16 QAM	36@18	22.56	12.71	0.0187
5	15	15	175300	831.5	DFT-s-OFDM 16 QAM	1@1	22.62	12.77	0.0189
5	15	15	175300	831.5	DFT-s-OFDM 16 QAM	1@77	22.68	12.83	0.0192
5	15	15	175300	831.5	DFT-s-OFDM 64 QAM	36@18	21.17	11.32	0.0136
5	15	15	175300	831.5	DFT-s-OFDM 64 QAM	1@1	21.3	11.45	0.0140
5	15	15	175300	831.5	DFT-s-OFDM 64 QAM	1@77	21.28	11.43	0.0139
5	15	15	175300	831.5	DFT-s-OFDM 256 QAM	36@18	19.1	9.25	0.0084
5	15	15	175300	831.5	DFT-s-OFDM 256 QAM	1@1	18.97	9.12	0.0082
5	15	15	175300	831.5	DFT-s-OFDM 256 QAM	1@77	18.94	9.09	0.0081
5	15	15	175300	831.5	CP-OFDM QPSK	39@19	22.18	12.33	0.0171
5	15	15	175300	831.5	CP-OFDM QPSK	1@1	22.34	12.49	0.0177
5	15	15	175300	831.5	CP-OFDM QPSK	1@77	22.22	12.37	0.0173
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	36@18	23.6	13.75	0.0237
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.62	13.77	0.0238
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@77	23.59	13.74	0.0237
5	15	15	176300	836.5	DFT-s-OFDM QPSK	36@18	23.57	13.72	0.0236

5	15	15	176300	836.5	DFT-s-OFDM QPSK	1@1	23.72	13.87	0.0244
5	15	15	176300	836.5	DFT-s-OFDM QPSK	1@77	23.71	13.86	0.0243
5	15	15	176300	836.5	DFT-s-OFDM 16 QAM	36@18	22.6	12.75	0.0188
5	15	15	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.86	13.01	0.0200
5	15	15	176300	836.5	DFT-s-OFDM 16 QAM	1@77	22.68	12.83	0.0192
5	15	15	176300	836.5	DFT-s-OFDM 64 QAM	36@18	21.2	11.35	0.0136
5	15	15	176300	836.5	DFT-s-OFDM 64 QAM	1@1	21.33	11.48	0.0141
5	15	15	176300	836.5	DFT-s-OFDM 64 QAM	1@77	21.23	11.38	0.0137
5	15	15	176300	836.5	DFT-s-OFDM 256 QAM	36@18	18.52	8.67	0.0074
5	15	15	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.87	9.02	0.0080
5	15	15	176300	836.5	DFT-s-OFDM 256 QAM	1@77	18.83	8.98	0.0079
5	15	15	176300	836.5	CP-OFDM QPSK	39@19	22.2	12.35	0.0172
5	15	15	176300	836.5	CP-OFDM QPSK	1@1	22.3	12.45	0.0176
5	15	15	176300	836.5	CP-OFDM QPSK	1@77	22.17	12.32	0.0171
5	15	15	177300	841.5	DFT-s-OFDM PI/2 BPSK	36@18	23.56	13.71	0.0235
5	15	15	177300	841.5	DFT-s-OFDM PI/2 BPSK	1@1	23.47	13.62	0.0230
5	15	15	177300	841.5	DFT-s-OFDM PI/2 BPSK	1@77	23.38	13.53	0.0225
5	15	15	177300	841.5	DFT-s-OFDM QPSK	36@18	23.54	13.69	0.0234
5	15	15	177300	841.5	DFT-s-OFDM QPSK	1@1	23.68	13.83	0.0242
5	15	15	177300	841.5	DFT-s-OFDM QPSK	1@77	23.57	13.72	0.0236
5	15	15	177300	841.5	DFT-s-OFDM 16 QAM	36@18	22.5	12.65	0.0184
5	15	15	177300	841.5	DFT-s-OFDM 16 QAM	1@1	22.65	12.8	0.0191
5	15	15	177300	841.5	DFT-s-OFDM 16 QAM	1@77	22.57	12.72	0.0187
5	15	15	177300	841.5	DFT-s-OFDM 64 QAM	36@18	21.15	11.3	0.0135
5	15	15	177300	841.5	DFT-s-OFDM 64 QAM	1@1	21.23	11.38	0.0137
5	15	15	177300	841.5	DFT-s-OFDM 64 QAM	1@77	21.19	11.34	0.0136
5	15	15	177300	841.5	DFT-s-OFDM 256 QAM	36@18	19.09	9.24	0.0084
5	15	15	177300	841.5	DFT-s-OFDM 256 QAM	1@1	18.94	9.09	0.0081
5	15	15	177300	841.5	DFT-s-OFDM 256 QAM	1@77	18.86	9.01	0.0080
5	15	15	177300	841.5	CP-OFDM QPSK	39@19	22.22	12.37	0.0173
5	15	15	177300	841.5	CP-OFDM QPSK	1@1	22.28	12.43	0.0175
5	15	15	177300	841.5	CP-OFDM QPSK	1@77	22.05	12.2	0.0166
5	15	20	175800	834	DFT-s-OFDM PI/2 BPSK	50@25	23.59	13.74	0.0237
5	15	20	175800	834	DFT-s-OFDM PI/2 BPSK	1@1	23.51	13.66	0.0232

5	15	20	175800	834	DFT-s-OFDM PI/2 BPSK	1@104	23.42	13.57	0.0228
5	15	20	175800	834	DFT-s-OFDM QPSK	50@25	23.53	13.68	0.0233
5	15	20	175800	834	DFT-s-OFDM QPSK	1@1	23.69	13.84	0.0242
5	15	20	175800	834	DFT-s-OFDM QPSK	1@104	23.6	13.75	0.0237
5	15	20	175800	834	DFT-s-OFDM 16 QAM	50@25	22.48	12.63	0.0183
5	15	20	175800	834	DFT-s-OFDM 16 QAM	1@1	22.73	12.88	0.0194
5	15	20	175800	834	DFT-s-OFDM 16 QAM	1@104	22.55	12.7	0.0186
5	15	20	175800	834	DFT-s-OFDM 64 QAM	50@25	21.18	11.33	0.0136
5	15	20	175800	834	DFT-s-OFDM 64 QAM	1@1	21.33	11.48	0.0141
5	15	20	175800	834	DFT-s-OFDM 64 QAM	1@104	21.1	11.25	0.0133
5	15	20	175800	834	DFT-s-OFDM 256 QAM	50@25	18.51	8.66	0.0073
5	15	20	175800	834	DFT-s-OFDM 256 QAM	1@1	18.98	9.13	0.0082
5	15	20	175800	834	DFT-s-OFDM 256 QAM	1@104	18.9	9.05	0.0080
5	15	20	175800	834	CP-OFDM QPSK	53@26	22.15	12.3	0.0170
5	15	20	175800	834	CP-OFDM QPSK	1@1	22.05	12.2	0.0166
5	15	20	175800	834	CP-OFDM QPSK	1@104	21.92	12.07	0.0161
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	23.62	13.77	0.0238
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.65	13.8	0.0240
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	23.49	13.64	0.0231
5	15	20	176300	836.5	DFT-s-OFDM QPSK	50@25	23.64	13.79	0.0239
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@1	23.81	13.96	0.0249
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@104	23.7	13.85	0.0243
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	50@25	22.58	12.73	0.0187
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.81	12.96	0.0198
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	1@104	22.76	12.91	0.0195
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	50@25	21.17	11.32	0.0136
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	1@1	21.34	11.49	0.0141
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	1@104	21.15	11.3	0.0135
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	50@25	18.46	8.61	0.0073
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	1@1	19.01	9.16	0.0082
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	1@104	18.74	8.89	0.0077
5	15	20	176300	836.5	CP-OFDM QPSK	53@26	22.1	12.25	0.0168
5	15	20	176300	836.5	CP-OFDM QPSK	1@1	22.33	12.48	0.0177
5	15	20	176300	836.5	CP-OFDM QPSK	1@104	22.05	12.2	0.0166

5	15	20	176800	839	DFT-s-OFDM PI/2 BPSK	50@25	23.57	13.72	0.0236
5	15	20	176800	839	DFT-s-OFDM PI/2 BPSK	1@1	23.52	13.67	0.0233
5	15	20	176800	839	DFT-s-OFDM PI/2 BPSK	1@104	23.39	13.54	0.0226
5	15	20	176800	839	DFT-s-OFDM QPSK	50@25	23.61	13.76	0.0238
5	15	20	176800	839	DFT-s-OFDM QPSK	1@1	23.68	13.83	0.0242
5	15	20	176800	839	DFT-s-OFDM QPSK	1@104	23.58	13.73	0.0236
5	15	20	176800	839	DFT-s-OFDM 16 QAM	50@25	22.55	12.7	0.0186
5	15	20	176800	839	DFT-s-OFDM 16 QAM	1@1	22.81	12.96	0.0198
5	15	20	176800	839	DFT-s-OFDM 16 QAM	1@104	22.59	12.74	0.0188
5	15	20	176800	839	DFT-s-OFDM 64 QAM	50@25	21.15	11.3	0.0135
5	15	20	176800	839	DFT-s-OFDM 64 QAM	1@1	21.34	11.49	0.0141
5	15	20	176800	839	DFT-s-OFDM 64 QAM	1@104	21.12	11.27	0.0134
5	15	20	176800	839	DFT-s-OFDM 256 QAM	50@25	19.01	9.16	0.0082
5	15	20	176800	839	DFT-s-OFDM 256 QAM	1@1	19.01	9.16	0.0082
5	15	20	176800	839	DFT-s-OFDM 256 QAM	1@104	18.87	9.02	0.0080
5	15	20	176800	839	CP-OFDM QPSK	53@26	22.13	12.28	0.0169
5	15	20	176800	839	CP-OFDM QPSK	1@1	22.34	12.49	0.0177
5	15	20	176800	839	CP-OFDM QPSK	1@104	22.05	12.2	0.0166

Software Version: 21.02.121001

FR1 N25 (ANT1)

LTE Band: 2, LTE BW: 20M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, (G_T - L_C)= -3.8dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
25	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	12@6	22.97	19.17	0.0826
25	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	1@1	22.97	19.17	0.0826
25	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	1@23	22.95	19.15	0.0822
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	12@6	23	19.2	0.0832
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@1	23.15	19.35	0.0861
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@23	23.19	19.39	0.0869
25	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	12@6	22.24	18.44	0.0698
25	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	1@1	22.39	18.59	0.0723
25	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	1@23	22.42	18.62	0.0728
25	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	12@6	20.79	16.99	0.0500
25	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	1@1	20.98	17.18	0.0522
25	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	1@23	20.92	17.12	0.0515
25	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	12@6	18.67	14.87	0.0307
25	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	1@1	18.2	14.4	0.0275
25	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	1@23	18.21	14.41	0.0276
25	15	5	386500	1852.5	CP-OFDM QPSK	13@6	21.73	17.93	0.0621
25	15	5	386500	1852.5	CP-OFDM QPSK	1@1	21.76	17.96	0.0625
25	15	5	386500	1852.5	CP-OFDM QPSK	1@23	21.7	17.9	0.0617
25	15	5	392500	1882.5	DFT-s-OFDM PI/2 BPSK	12@6	22.92	19.12	0.0817
25	15	5	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.93	19.13	0.0818
25	15	5	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@23	22.89	19.09	0.0811
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	12@6	22.96	19.16	0.0824
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.1	19.3	0.0851
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@23	23.08	19.28	0.0847
25	15	5	392500	1882.5	DFT-s-OFDM 16 QAM	12@6	21.89	18.09	0.0644
25	15	5	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	21.98	18.18	0.0658
25	15	5	392500	1882.5	DFT-s-OFDM 16 QAM	1@23	21.99	18.19	0.0659

25	15	5	392500	1882.5	DFT-s-OFDM 64 QAM	12@6	20.45	16.65	0.0462
25	15	5	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	20.59	16.79	0.0478
25	15	5	392500	1882.5	DFT-s-OFDM 64 QAM	1@23	20.62	16.82	0.0481
25	15	5	392500	1882.5	DFT-s-OFDM 256 QAM	12@6	18.34	14.54	0.0284
25	15	5	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	17.87	14.07	0.0255
25	15	5	392500	1882.5	DFT-s-OFDM 256 QAM	1@23	17.87	14.07	0.0255
25	15	5	392500	1882.5	CP-OFDM QPSK	13@6	21.38	17.58	0.0573
25	15	5	392500	1882.5	CP-OFDM QPSK	1@1	21.43	17.63	0.0579
25	15	5	392500	1882.5	CP-OFDM QPSK	1@23	21.36	17.56	0.0570
25	15	5	398500	1912.5	DFT-s-OFDM PI/2 BPSK	12@6	23.1	19.3	0.0851
25	15	5	398500	1912.5	DFT-s-OFDM PI/2 BPSK	1@1	23.09	19.29	0.0849
25	15	5	398500	1912.5	DFT-s-OFDM PI/2 BPSK	1@23	23.05	19.25	0.0841
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	12@6	22.86	19.06	0.0805
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@1	22.96	19.16	0.0824
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@23	22.72	18.92	0.0780
25	15	5	398500	1912.5	DFT-s-OFDM 16 QAM	12@6	21.54	17.74	0.0594
25	15	5	398500	1912.5	DFT-s-OFDM 16 QAM	1@1	21.63	17.83	0.0607
25	15	5	398500	1912.5	DFT-s-OFDM 16 QAM	1@23	21.12	17.32	0.0540
25	15	5	398500	1912.5	DFT-s-OFDM 64 QAM	12@6	19.79	15.99	0.0397
25	15	5	398500	1912.5	DFT-s-OFDM 64 QAM	1@1	20.23	16.43	0.0440
25	15	5	398500	1912.5	DFT-s-OFDM 64 QAM	1@23	19.77	15.97	0.0395
25	15	5	398500	1912.5	DFT-s-OFDM 256 QAM	12@6	18.13	14.33	0.0271
25	15	5	398500	1912.5	DFT-s-OFDM 256 QAM	1@1	17.63	13.83	0.0242
25	15	5	398500	1912.5	DFT-s-OFDM 256 QAM	1@23	17.68	13.88	0.0244
25	15	5	398500	1912.5	CP-OFDM QPSK	13@6	20.59	16.79	0.0478
25	15	5	398500	1912.5	CP-OFDM QPSK	1@1	21.13	17.33	0.0541
25	15	5	398500	1912.5	CP-OFDM QPSK	1@23	20.62	16.82	0.0481
25	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	25@12	23.01	19.21	0.0834
25	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	1@1	22.92	19.12	0.0817
25	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	1@50	22.9	19.1	0.0813
25	15	10	387000	1855	DFT-s-OFDM QPSK	25@12	23.05	19.25	0.0841
25	15	10	387000	1855	DFT-s-OFDM QPSK	1@1	23.03	19.23	0.0838
25	15	10	387000	1855	DFT-s-OFDM QPSK	1@50	23.09	19.29	0.0849
25	15	10	387000	1855	DFT-s-OFDM 16 QAM	25@12	22.3	18.5	0.0708

25	15	10	387000	1855	DFT-s-OFDM 16 QAM	1@1	22.3	18.5	0.0708
25	15	10	387000	1855	DFT-s-OFDM 16 QAM	1@50	22.34	18.54	0.0714
25	15	10	387000	1855	DFT-s-OFDM 64 QAM	25@12	20.83	17.03	0.0505
25	15	10	387000	1855	DFT-s-OFDM 64 QAM	1@1	20.94	17.14	0.0518
25	15	10	387000	1855	DFT-s-OFDM 64 QAM	1@50	20.91	17.11	0.0514
25	15	10	387000	1855	DFT-s-OFDM 256 QAM	25@12	18.69	14.89	0.0308
25	15	10	387000	1855	DFT-s-OFDM 256 QAM	1@1	18.15	14.35	0.0272
25	15	10	387000	1855	DFT-s-OFDM 256 QAM	1@50	18.16	14.36	0.0273
25	15	10	387000	1855	CP-OFDM QPSK	26@13	21.73	17.93	0.0621
25	15	10	387000	1855	CP-OFDM QPSK	1@1	21.74	17.94	0.0622
25	15	10	387000	1855	CP-OFDM QPSK	1@50	21.8	18	0.0631
25	15	10	392500	1882.5	DFT-s-OFDM PI/2 BPSK	25@12	22.98	19.18	0.0828
25	15	10	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.91	19.11	0.0815
25	15	10	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@50	22.88	19.08	0.0809
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	25@12	23.01	19.21	0.0834
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	1@1	22.92	19.12	0.0817
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	1@50	23.07	19.27	0.0845
25	15	10	392500	1882.5	DFT-s-OFDM 16 QAM	25@12	21.93	18.13	0.0650
25	15	10	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	21.97	18.17	0.0656
25	15	10	392500	1882.5	DFT-s-OFDM 16 QAM	1@50	21.86	18.06	0.0640
25	15	10	392500	1882.5	DFT-s-OFDM 64 QAM	25@12	20.32	16.52	0.0449
25	15	10	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	20.62	16.82	0.0481
25	15	10	392500	1882.5	DFT-s-OFDM 64 QAM	1@50	20.44	16.64	0.0461
25	15	10	392500	1882.5	DFT-s-OFDM 256 QAM	25@12	18.25	14.45	0.0279
25	15	10	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	17.84	14.04	0.0254
25	15	10	392500	1882.5	DFT-s-OFDM 256 QAM	1@50	17.71	13.91	0.0246
25	15	10	392500	1882.5	CP-OFDM QPSK	26@13	21.31	17.51	0.0564
25	15	10	392500	1882.5	CP-OFDM QPSK	1@1	21.41	17.61	0.0577
25	15	10	392500	1882.5	CP-OFDM QPSK	1@50	21.31	17.51	0.0564
25	15	10	398000	1910	DFT-s-OFDM PI/2 BPSK	25@12	23.18	19.38	0.0867
25	15	10	398000	1910	DFT-s-OFDM PI/2 BPSK	1@1	23.04	19.24	0.0839
25	15	10	398000	1910	DFT-s-OFDM PI/2 BPSK	1@50	23.06	19.26	0.0843
25	15	10	398000	1910	DFT-s-OFDM QPSK	25@12	23.18	19.38	0.0867
25	15	10	398000	1910	DFT-s-OFDM QPSK	1@1	23.22	19.42	0.0875

25	15	10	398000	1910	DFT-s-OFDM QPSK	1@50	22.95	19.15	0.0822
25	15	10	398000	1910	DFT-s-OFDM 16 QAM	25@12	21.74	17.94	0.0622
25	15	10	398000	1910	DFT-s-OFDM 16 QAM	1@1	21.65	17.85	0.0610
25	15	10	398000	1910	DFT-s-OFDM 16 QAM	1@50	21.05	17.25	0.0531
25	15	10	398000	1910	DFT-s-OFDM 64 QAM	25@12	20.18	16.38	0.0435
25	15	10	398000	1910	DFT-s-OFDM 64 QAM	1@1	20.28	16.48	0.0445
25	15	10	398000	1910	DFT-s-OFDM 64 QAM	1@50	19.71	15.91	0.0390
25	15	10	398000	1910	DFT-s-OFDM 256 QAM	25@12	18.09	14.29	0.0269
25	15	10	398000	1910	DFT-s-OFDM 256 QAM	1@1	17.55	13.75	0.0237
25	15	10	398000	1910	DFT-s-OFDM 256 QAM	1@50	17.52	13.72	0.0236
25	15	10	398000	1910	CP-OFDM QPSK	26@13	21.05	17.25	0.0531
25	15	10	398000	1910	CP-OFDM QPSK	1@1	21.1	17.3	0.0537
25	15	10	398000	1910	CP-OFDM QPSK	1@50	20.68	16.88	0.0488
25	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	36@18	22.96	19.16	0.0824
25	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	1@1	22.99	19.19	0.0830
25	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	1@77	22.88	19.08	0.0809
25	15	15	387500	1857.5	DFT-s-OFDM QPSK	36@18	23.02	19.22	0.0836
25	15	15	387500	1857.5	DFT-s-OFDM QPSK	1@1	23.11	19.31	0.0853
25	15	15	387500	1857.5	DFT-s-OFDM QPSK	1@77	23.07	19.27	0.0845
25	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	36@18	22.12	18.32	0.0679
25	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	1@1	22.24	18.44	0.0698
25	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	1@77	22.14	18.34	0.0682
25	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	36@18	20.74	16.94	0.0494
25	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	1@1	20.97	17.17	0.0521
25	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	1@77	20.85	17.05	0.0507
25	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	36@18	18.6	14.8	0.0302
25	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	1@1	18.12	14.32	0.0270
25	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	1@77	18.02	14.22	0.0264
25	15	15	387500	1857.5	CP-OFDM QPSK	39@19	21.69	17.89	0.0615
25	15	15	387500	1857.5	CP-OFDM QPSK	1@1	21.75	17.95	0.0624
25	15	15	387500	1857.5	CP-OFDM QPSK	1@77	21.55	17.75	0.0596
25	15	15	392500	1882.5	DFT-s-OFDM PI/2 BPSK	36@18	22.97	19.17	0.0826
25	15	15	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.86	19.06	0.0805
25	15	15	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@77	22.92	19.12	0.0817

25	15	15	392500	1882.5	DFT-s-OFDM QPSK	36@18	22.93	19.13	0.0818
25	15	15	392500	1882.5	DFT-s-OFDM QPSK	1@1	22.88	19.08	0.0809
25	15	15	392500	1882.5	DFT-s-OFDM QPSK	1@77	22.99	19.19	0.0830
25	15	15	392500	1882.5	DFT-s-OFDM 16 QAM	36@18	21.8	18	0.0631
25	15	15	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.02	18.22	0.0664
25	15	15	392500	1882.5	DFT-s-OFDM 16 QAM	1@77	21.87	18.07	0.0641
25	15	15	392500	1882.5	DFT-s-OFDM 64 QAM	36@18	20.42	16.62	0.0459
25	15	15	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	20.68	16.88	0.0488
25	15	15	392500	1882.5	DFT-s-OFDM 64 QAM	1@77	20.57	16.77	0.0475
25	15	15	392500	1882.5	DFT-s-OFDM 256 QAM	36@18	18.27	14.47	0.0280
25	15	15	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	17.89	14.09	0.0256
25	15	15	392500	1882.5	DFT-s-OFDM 256 QAM	1@77	17.72	13.92	0.0247
25	15	15	392500	1882.5	CP-OFDM QPSK	39@19	21.33	17.53	0.0566
25	15	15	392500	1882.5	CP-OFDM QPSK	1@1	21.5	17.7	0.0589
25	15	15	392500	1882.5	CP-OFDM QPSK	1@77	21.29	17.49	0.0561
25	15	15	397500	1907.5	DFT-s-OFDM PI/2 BPSK	36@18	23.05	19.25	0.0841
25	15	15	397500	1907.5	DFT-s-OFDM PI/2 BPSK	1@1	22.86	19.06	0.0805
25	15	15	397500	1907.5	DFT-s-OFDM PI/2 BPSK	1@77	22.95	19.15	0.0822
25	15	15	397500	1907.5	DFT-s-OFDM QPSK	36@18	22.94	19.14	0.0820
25	15	15	397500	1907.5	DFT-s-OFDM QPSK	1@1	22.99	19.19	0.0830
25	15	15	397500	1907.5	DFT-s-OFDM QPSK	1@77	22.98	19.18	0.0828
25	15	15	397500	1907.5	DFT-s-OFDM 16 QAM	36@18	21.69	17.89	0.0615
25	15	15	397500	1907.5	DFT-s-OFDM 16 QAM	1@1	21.73	17.93	0.0621
25	15	15	397500	1907.5	DFT-s-OFDM 16 QAM	1@77	20.98	17.18	0.0522
25	15	15	397500	1907.5	DFT-s-OFDM 64 QAM	36@18	20.28	16.48	0.0445
25	15	15	397500	1907.5	DFT-s-OFDM 64 QAM	1@1	20.47	16.67	0.0465
25	15	15	397500	1907.5	DFT-s-OFDM 64 QAM	1@77	19.64	15.84	0.0384
25	15	15	397500	1907.5	DFT-s-OFDM 256 QAM	36@18	18.12	14.32	0.0270
25	15	15	397500	1907.5	DFT-s-OFDM 256 QAM	1@1	17.63	13.83	0.0242
25	15	15	397500	1907.5	DFT-s-OFDM 256 QAM	1@77	17.55	13.75	0.0237
25	15	15	397500	1907.5	CP-OFDM QPSK	39@19	21.16	17.36	0.0545
25	15	15	397500	1907.5	CP-OFDM QPSK	1@1	21.17	17.37	0.0546
25	15	15	397500	1907.5	CP-OFDM QPSK	1@77	20.47	16.67	0.0465
25	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	50@25	22.98	19.18	0.0828

25	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	1@1	22.96	19.16	0.0824
25	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	1@104	22.89	19.09	0.0811
25	15	20	388000	1860	DFT-s-OFDM QPSK	50@25	23	19.2	0.0832
25	15	20	388000	1860	DFT-s-OFDM QPSK	1@1	23.05	19.25	0.0841
25	15	20	388000	1860	DFT-s-OFDM QPSK	1@104	23.08	19.28	0.0847
25	15	20	388000	1860	DFT-s-OFDM 16 QAM	50@25	22.17	18.37	0.0687
25	15	20	388000	1860	DFT-s-OFDM 16 QAM	1@1	22.19	18.39	0.0690
25	15	20	388000	1860	DFT-s-OFDM 16 QAM	1@104	22.08	18.28	0.0673
25	15	20	388000	1860	DFT-s-OFDM 64 QAM	50@25	20.72	16.92	0.0492
25	15	20	388000	1860	DFT-s-OFDM 64 QAM	1@1	20.94	17.14	0.0518
25	15	20	388000	1860	DFT-s-OFDM 64 QAM	1@104	20.8	17	0.0501
25	15	20	388000	1860	DFT-s-OFDM 256 QAM	50@25	18.63	14.83	0.0304
25	15	20	388000	1860	DFT-s-OFDM 256 QAM	1@1	18.15	14.35	0.0272
25	15	20	388000	1860	DFT-s-OFDM 256 QAM	1@104	17.99	14.19	0.0262
25	15	20	388000	1860	CP-OFDM QPSK	53@26	21.69	17.89	0.0615
25	15	20	388000	1860	CP-OFDM QPSK	1@1	21.68	17.88	0.0614
25	15	20	388000	1860	CP-OFDM QPSK	1@104	21.49	17.69	0.0587
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	50@25	23.05	19.25	0.0841
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.83	19.03	0.0800
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@104	22.87	19.07	0.0807
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	50@25	22.94	19.14	0.0820
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@1	22.97	19.17	0.0826
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@104	22.77	18.97	0.0789
25	15	20	392500	1882.5	DFT-s-OFDM 16 QAM	50@25	21.82	18.02	0.0634
25	15	20	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	21.97	18.17	0.0656
25	15	20	392500	1882.5	DFT-s-OFDM 16 QAM	1@104	21.54	17.74	0.0594
25	15	20	392500	1882.5	DFT-s-OFDM 64 QAM	50@25	20.42	16.62	0.0459
25	15	20	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	20.67	16.87	0.0486
25	15	20	392500	1882.5	DFT-s-OFDM 64 QAM	1@104	20.17	16.37	0.0434
25	15	20	392500	1882.5	DFT-s-OFDM 256 QAM	50@25	18.3	14.5	0.0282
25	15	20	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	17.94	14.14	0.0259
25	15	20	392500	1882.5	DFT-s-OFDM 256 QAM	1@104	17.72	13.92	0.0247
25	15	20	392500	1882.5	CP-OFDM QPSK	53@26	21.37	17.57	0.0571
25	15	20	392500	1882.5	CP-OFDM QPSK	1@1	21.44	17.64	0.0581

25	15	20	392500	1882.5	CP-OFDM QPSK	1@104	21.11	17.31	0.0538
25	15	20	397000	1905	DFT-s-OFDM PI/2 BPSK	50@25	22.99	19.19	0.0830
25	15	20	397000	1905	DFT-s-OFDM PI/2 BPSK	1@1	22.85	19.05	0.0804
25	15	20	397000	1905	DFT-s-OFDM PI/2 BPSK	1@104	22.87	19.07	0.0807
25	15	20	397000	1905	DFT-s-OFDM QPSK	50@25	22.99	19.19	0.0830
25	15	20	397000	1905	DFT-s-OFDM QPSK	1@1	22.88	19.08	0.0809
25	15	20	397000	1905	DFT-s-OFDM QPSK	1@104	22.93	19.13	0.0818
25	15	20	397000	1905	DFT-s-OFDM 16 QAM	50@25	21.7	17.9	0.0617
25	15	20	397000	1905	DFT-s-OFDM 16 QAM	1@1	21.44	17.64	0.0581
25	15	20	397000	1905	DFT-s-OFDM 16 QAM	1@104	20.95	17.15	0.0519
25	15	20	397000	1905	DFT-s-OFDM 64 QAM	50@25	20.26	16.46	0.0443
25	15	20	397000	1905	DFT-s-OFDM 64 QAM	1@1	20.02	16.22	0.0419
25	15	20	397000	1905	DFT-s-OFDM 64 QAM	1@104	19.63	15.83	0.0383
25	15	20	397000	1905	DFT-s-OFDM 256 QAM	50@25	18.15	14.35	0.0272
25	15	20	397000	1905	DFT-s-OFDM 256 QAM	1@1	17.7	13.9	0.0245
25	15	20	397000	1905	DFT-s-OFDM 256 QAM	1@104	17.52	13.72	0.0236
25	15	20	397000	1905	CP-OFDM QPSK	53@26	21.18	17.38	0.0547
25	15	20	397000	1905	CP-OFDM QPSK	1@1	21	17.2	0.0525
25	15	20	397000	1905	CP-OFDM QPSK	1@104	20.5	16.7	0.0468
25	15	25	388500	1862.5	DFT-s-OFDM PI/2 BPSK	64@32	22.97	19.17	0.0826
25	15	25	388500	1862.5	DFT-s-OFDM PI/2 BPSK	1@1	23.02	19.22	0.0836
25	15	25	388500	1862.5	DFT-s-OFDM PI/2 BPSK	1@131	22.98	19.18	0.0828
25	15	25	388500	1862.5	DFT-s-OFDM QPSK	64@32	22.99	19.19	0.0830
25	15	25	388500	1862.5	DFT-s-OFDM QPSK	1@1	23.1	19.3	0.0851
25	15	25	388500	1862.5	DFT-s-OFDM QPSK	1@131	23.16	19.36	0.0863
25	15	25	388500	1862.5	DFT-s-OFDM 16 QAM	64@32	22.12	18.32	0.0679
25	15	25	388500	1862.5	DFT-s-OFDM 16 QAM	1@1	22.35	18.55	0.0716
25	15	25	388500	1862.5	DFT-s-OFDM 16 QAM	1@131	22.14	18.34	0.0682
25	15	25	388500	1862.5	DFT-s-OFDM 64 QAM	64@32	20.72	16.92	0.0492
25	15	25	388500	1862.5	DFT-s-OFDM 64 QAM	1@1	21.05	17.25	0.0531
25	15	25	388500	1862.5	DFT-s-OFDM 64 QAM	1@131	20.83	17.03	0.0505
25	15	25	388500	1862.5	DFT-s-OFDM 256 QAM	64@32	18.61	14.81	0.0303
25	15	25	388500	1862.5	DFT-s-OFDM 256 QAM	1@1	18.28	14.48	0.0281
25	15	25	388500	1862.5	DFT-s-OFDM 256 QAM	1@131	18.04	14.24	0.0265

25	15	25	388500	1862.5	CP-OFDM QPSK	67@33	21.66	17.86	0.0611
25	15	25	388500	1862.5	CP-OFDM QPSK	1@1	21.83	18.03	0.0635
25	15	25	388500	1862.5	CP-OFDM QPSK	1@131	21.66	17.86	0.0611
25	15	25	392500	1882.5	DFT-s-OFDM PI/2 BPSK	64@32	23.01	19.21	0.0834
25	15	25	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.88	19.08	0.0809
25	15	25	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@131	22.91	19.11	0.0815
25	15	25	392500	1882.5	DFT-s-OFDM QPSK	64@32	22.88	19.08	0.0809
25	15	25	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.02	19.22	0.0836
25	15	25	392500	1882.5	DFT-s-OFDM QPSK	1@131	23.1	19.3	0.0851
25	15	25	392500	1882.5	DFT-s-OFDM 16 QAM	64@32	21.78	17.98	0.0628
25	15	25	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.05	18.25	0.0668
25	15	25	392500	1882.5	DFT-s-OFDM 16 QAM	1@131	21.91	18.11	0.0647
25	15	25	392500	1882.5	DFT-s-OFDM 64 QAM	64@32	20.37	16.57	0.0454
25	15	25	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	20.75	16.95	0.0495
25	15	25	392500	1882.5	DFT-s-OFDM 64 QAM	1@131	20.6	16.8	0.0479
25	15	25	392500	1882.5	DFT-s-OFDM 256 QAM	64@32	18.32	14.52	0.0283
25	15	25	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	18	14.2	0.0263
25	15	25	392500	1882.5	DFT-s-OFDM 256 QAM	1@131	17.78	13.98	0.0250
25	15	25	392500	1882.5	CP-OFDM QPSK	67@33	21.34	17.54	0.0568
25	15	25	392500	1882.5	CP-OFDM QPSK	1@1	21.53	17.73	0.0593
25	15	25	392500	1882.5	CP-OFDM QPSK	1@131	21.44	17.64	0.0581
25	15	25	396500	1902.5	DFT-s-OFDM PI/2 BPSK	64@32	23.08	19.28	0.0847
25	15	25	396500	1902.5	DFT-s-OFDM PI/2 BPSK	1@1	22.9	19.1	0.0813
25	15	25	396500	1902.5	DFT-s-OFDM PI/2 BPSK	1@131	23.07	19.27	0.0845
25	15	25	396500	1902.5	DFT-s-OFDM QPSK	64@32	23.07	19.27	0.0845
25	15	25	396500	1902.5	DFT-s-OFDM QPSK	1@1	23.02	19.22	0.0836
25	15	25	396500	1902.5	DFT-s-OFDM QPSK	1@131	23.24	19.44	0.0879
25	15	25	396500	1902.5	DFT-s-OFDM 16 QAM	64@32	21.59	17.79	0.0601
25	15	25	396500	1902.5	DFT-s-OFDM 16 QAM	1@1	21.64	17.84	0.0608
25	15	25	396500	1902.5	DFT-s-OFDM 16 QAM	1@131	21.24	17.44	0.0555
25	15	25	396500	1902.5	DFT-s-OFDM 64 QAM	64@32	20.07	16.27	0.0424
25	15	25	396500	1902.5	DFT-s-OFDM 64 QAM	1@1	20.35	16.55	0.0452
25	15	25	396500	1902.5	DFT-s-OFDM 64 QAM	1@131	19.93	16.13	0.0410
25	15	25	396500	1902.5	DFT-s-OFDM 256 QAM	64@32	18.02	14.22	0.0264

25	15	25	396500	1902.5	DFT-s-OFDM 256 QAM	1@1	18.32	14.52	0.0283
25	15	25	396500	1902.5	DFT-s-OFDM 256 QAM	1@131	17.39	13.59	0.0229
25	15	25	396500	1902.5	CP-OFDM QPSK	67@33	21.04	17.24	0.0530
25	15	25	396500	1902.5	CP-OFDM QPSK	1@1	21.13	17.33	0.0541
25	15	25	396500	1902.5	CP-OFDM QPSK	1@131	20.85	17.05	0.0507
25	15	30	389000	1865	DFT-s-OFDM PI/2 BPSK	80@40	23.03	19.23	0.0838
25	15	30	389000	1865	DFT-s-OFDM PI/2 BPSK	1@1	22.96	19.16	0.0824
25	15	30	389000	1865	DFT-s-OFDM PI/2 BPSK	1@158	22.97	19.17	0.0826
25	15	30	389000	1865	DFT-s-OFDM QPSK	80@40	22.95	19.15	0.0822
25	15	30	389000	1865	DFT-s-OFDM QPSK	1@1	23.16	19.36	0.0863
25	15	30	389000	1865	DFT-s-OFDM QPSK	1@158	23.08	19.28	0.0847
25	15	30	389000	1865	DFT-s-OFDM 16 QAM	80@40	22.12	18.32	0.0679
25	15	30	389000	1865	DFT-s-OFDM 16 QAM	1@1	22.34	18.54	0.0714
25	15	30	389000	1865	DFT-s-OFDM 16 QAM	1@158	22.03	18.23	0.0665
25	15	30	389000	1865	DFT-s-OFDM 64 QAM	80@40	20.78	16.98	0.0499
25	15	30	389000	1865	DFT-s-OFDM 64 QAM	1@1	21.06	17.26	0.0532
25	15	30	389000	1865	DFT-s-OFDM 64 QAM	1@158	20.66	16.86	0.0485
25	15	30	389000	1865	DFT-s-OFDM 256 QAM	80@40	18.7	14.9	0.0309
25	15	30	389000	1865	DFT-s-OFDM 256 QAM	1@1	18.28	14.48	0.0281
25	15	30	389000	1865	DFT-s-OFDM 256 QAM	1@158	17.95	14.15	0.0260
25	15	30	389000	1865	CP-OFDM QPSK	80@40	21.71	17.91	0.0618
25	15	30	389000	1865	CP-OFDM QPSK	1@1	21.81	18.01	0.0632
25	15	30	389000	1865	CP-OFDM QPSK	1@158	21.55	17.75	0.0596
25	15	30	392500	1882.5	DFT-s-OFDM PI/2 BPSK	80@40	23	19.2	0.0832
25	15	30	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.85	19.05	0.0804
25	15	30	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@158	22.97	19.17	0.0826
25	15	30	392500	1882.5	DFT-s-OFDM QPSK	80@40	22.95	19.15	0.0822
25	15	30	392500	1882.5	DFT-s-OFDM QPSK	1@1	22.9	19.1	0.0813
25	15	30	392500	1882.5	DFT-s-OFDM QPSK	1@158	23.11	19.31	0.0853
25	15	30	392500	1882.5	DFT-s-OFDM 16 QAM	80@40	21.79	17.99	0.0630
25	15	30	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.14	18.34	0.0682
25	15	30	392500	1882.5	DFT-s-OFDM 16 QAM	1@158	21.8	18	0.0631
25	15	30	392500	1882.5	DFT-s-OFDM 64 QAM	80@40	20.44	16.64	0.0461
25	15	30	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	20.79	16.99	0.0500

25	15	30	392500	1882.5	DFT-s-OFDM 64 QAM	1@158	20.47	16.67	0.0465
25	15	30	392500	1882.5	DFT-s-OFDM 256 QAM	80@40	18.35	14.55	0.0285
25	15	30	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	18.09	14.29	0.0269
25	15	30	392500	1882.5	DFT-s-OFDM 256 QAM	1@158	17.81	14.01	0.0252
25	15	30	392500	1882.5	CP-OFDM QPSK	80@40	21.36	17.56	0.0570
25	15	30	392500	1882.5	CP-OFDM QPSK	1@1	21.49	17.69	0.0587
25	15	30	392500	1882.5	CP-OFDM QPSK	1@158	21.37	17.57	0.0571
25	15	30	396000	1900	DFT-s-OFDM PI/2 BPSK	80@40	23.04	19.24	0.0839
25	15	30	396000	1900	DFT-s-OFDM PI/2 BPSK	1@1	22.9	19.1	0.0813
25	15	30	396000	1900	DFT-s-OFDM PI/2 BPSK	1@158	23	19.2	0.0832
25	15	30	396000	1900	DFT-s-OFDM QPSK	80@40	23.08	19.28	0.0847
25	15	30	396000	1900	DFT-s-OFDM QPSK	1@1	23	19.2	0.0832
25	15	30	396000	1900	DFT-s-OFDM QPSK	1@158	23.21	19.41	0.0873
25	15	30	396000	1900	DFT-s-OFDM 16 QAM	80@40	21.48	17.68	0.0586
25	15	30	396000	1900	DFT-s-OFDM 16 QAM	1@1	21.64	17.84	0.0608
25	15	30	396000	1900	DFT-s-OFDM 16 QAM	1@158	21.24	17.44	0.0555
25	15	30	396000	1900	DFT-s-OFDM 64 QAM	80@40	20.13	16.33	0.0430
25	15	30	396000	1900	DFT-s-OFDM 64 QAM	1@1	20.29	16.49	0.0446
25	15	30	396000	1900	DFT-s-OFDM 64 QAM	1@158	19.93	16.13	0.0410
25	15	30	396000	1900	DFT-s-OFDM 256 QAM	80@40	18.02	14.22	0.0264
25	15	30	396000	1900	DFT-s-OFDM 256 QAM	1@1	17.53	13.73	0.0236
25	15	30	396000	1900	DFT-s-OFDM 256 QAM	1@158	17.41	13.61	0.0230
25	15	30	396000	1900	CP-OFDM QPSK	80@40	21.05	17.25	0.0531
25	15	30	396000	1900	CP-OFDM QPSK	1@1	21.12	17.32	0.0540
25	15	30	396000	1900	CP-OFDM QPSK	1@158	20.87	17.07	0.0509
25	15	40	390000	1870	DFT-s-OFDM PI/2 BPSK	108@54	23.14	19.34	0.0859
25	15	40	390000	1870	DFT-s-OFDM PI/2 BPSK	1@1	23.17	19.37	0.0865
25	15	40	390000	1870	DFT-s-OFDM PI/2 BPSK	1@214	23.17	19.37	0.0865
25	15	40	390000	1870	DFT-s-OFDM QPSK	108@54	23.21	19.41	0.0873
25	15	40	390000	1870	DFT-s-OFDM QPSK	1@1	23.18	19.38	0.0867
25	15	40	390000	1870	DFT-s-OFDM QPSK	1@214	23.24	19.44	0.0879
25	15	40	390000	1870	DFT-s-OFDM 16 QAM	108@54	22.18	18.38	0.0689
25	15	40	390000	1870	DFT-s-OFDM 16 QAM	1@1	22.15	18.35	0.0684
25	15	40	390000	1870	DFT-s-OFDM 16 QAM	1@214	22.15	18.35	0.0684

25	15	40	390000	1870	DFT-s-OFDM 64 QAM	108@54	20.72	16.92	0.0492
25	15	40	390000	1870	DFT-s-OFDM 64 QAM	1@1	20.83	17.03	0.0505
25	15	40	390000	1870	DFT-s-OFDM 64 QAM	1@214	20.83	17.03	0.0505
25	15	40	390000	1870	DFT-s-OFDM 256 QAM	108@54	18.63	14.83	0.0304
25	15	40	390000	1870	DFT-s-OFDM 256 QAM	1@1	18.21	14.41	0.0276
25	15	40	390000	1870	DFT-s-OFDM 256 QAM	1@214	18.29	14.49	0.0281
25	15	40	390000	1870	CP-OFDM QPSK	108@54	21.68	17.88	0.0614
25	15	40	390000	1870	CP-OFDM QPSK	1@1	21.66	17.86	0.0611
25	15	40	390000	1870	CP-OFDM QPSK	1@214	21.71	17.91	0.0618
25	15	40	392500	1882.5	DFT-s-OFDM PI/2 BPSK	108@54	23.21	19.41	0.0873
25	15	40	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.06	19.26	0.0843
25	15	40	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@214	23.23	19.43	0.0877
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	108@54	23.28	19.48	0.0887
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.14	19.34	0.0859
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	1@214	23.32	19.52	0.0895
25	15	40	392500	1882.5	DFT-s-OFDM 16 QAM	108@54	22.24	18.44	0.0698
25	15	40	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.07	18.27	0.0671
25	15	40	392500	1882.5	DFT-s-OFDM 16 QAM	1@214	22.2	18.4	0.0692
25	15	40	392500	1882.5	DFT-s-OFDM 64 QAM	108@54	20.69	16.89	0.0489
25	15	40	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	20.79	16.99	0.0500
25	15	40	392500	1882.5	DFT-s-OFDM 64 QAM	1@214	20.92	17.12	0.0515
25	15	40	392500	1882.5	DFT-s-OFDM 256 QAM	108@54	18.67	14.87	0.0307
25	15	40	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	18.1	14.3	0.0269
25	15	40	392500	1882.5	DFT-s-OFDM 256 QAM	1@214	18.31	14.51	0.0282
25	15	40	392500	1882.5	CP-OFDM QPSK	108@54	21.7	17.9	0.0617
25	15	40	392500	1882.5	CP-OFDM QPSK	1@1	21.61	17.81	0.0604
25	15	40	392500	1882.5	CP-OFDM QPSK	1@214	21.78	17.98	0.0628
25	15	40	395000	1895	DFT-s-OFDM PI/2 BPSK	108@54	23.19	19.39	0.0869
25	15	40	395000	1895	DFT-s-OFDM PI/2 BPSK	1@1	23.21	19.41	0.0873
25	15	40	395000	1895	DFT-s-OFDM PI/2 BPSK	1@214	23.22	19.42	0.0875
25	15	40	395000	1895	DFT-s-OFDM QPSK	108@54	23.18	19.38	0.0867
25	15	40	395000	1895	DFT-s-OFDM QPSK	1@1	23.11	19.31	0.0853
25	15	40	395000	1895	DFT-s-OFDM QPSK	1@214	23.18	19.38	0.0867
25	15	40	395000	1895	DFT-s-OFDM 16 QAM	108@54	22.16	18.36	0.0685

25	15	40	395000	1895	DFT-s-OFDM 16 QAM	1@1	21.95	18.15	0.0653
25	15	40	395000	1895	DFT-s-OFDM 16 QAM	1@214	22.06	18.26	0.0670
25	15	40	395000	1895	DFT-s-OFDM 64 QAM	108@54	20.7	16.9	0.0490
25	15	40	395000	1895	DFT-s-OFDM 64 QAM	1@1	20.66	16.86	0.0485
25	15	40	395000	1895	DFT-s-OFDM 64 QAM	1@214	20.77	16.97	0.0498
25	15	40	395000	1895	DFT-s-OFDM 256 QAM	108@54	18.66	14.86	0.0306
25	15	40	395000	1895	DFT-s-OFDM 256 QAM	1@1	18.06	14.26	0.0267
25	15	40	395000	1895	DFT-s-OFDM 256 QAM	1@214	18.31	14.51	0.0282
25	15	40	395000	1895	CP-OFDM QPSK	108@54	21.68	17.88	0.0614
25	15	40	395000	1895	CP-OFDM QPSK	1@1	21.57	17.77	0.0598
25	15	40	395000	1895	CP-OFDM QPSK	1@214	21.58	17.78	0.0600

Software Version: 21.02.121001

FR1 N25 (ANT2)

Transmitter Conducted Output Power And EIRP, (G_T - L_C)= -7.7dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
25	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	12@6	23.68	15.98	0.0396
25	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	1@1	23.66	15.96	0.0394
25	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	1@23	23.67	15.97	0.0395
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	12@6	23.67	15.97	0.0395
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@1	23.84	16.14	0.0411
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@23	23.81	16.11	0.0408
25	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	12@6	22.54	14.84	0.0305
25	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	1@1	22.82	15.12	0.0325
25	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	1@23	22.84	15.14	0.0327
25	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	12@6	21.2	13.5	0.0224
25	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	1@1	21.38	13.68	0.0233
25	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	1@23	21.33	13.63	0.0231
25	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	12@6	18.71	11.01	0.0126
25	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	1@1	18.76	11.06	0.0128
25	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	1@23	18.78	11.08	0.0128
25	15	5	386500	1852.5	CP-OFDM QPSK	13@6	22.32	14.62	0.0290
25	15	5	386500	1852.5	CP-OFDM QPSK	1@1	22.29	14.59	0.0288
25	15	5	386500	1852.5	CP-OFDM QPSK	1@23	22.29	14.59	0.0288
25	15	5	392500	1882.5	DFT-s-OFDM PI/2 BPSK	12@6	23.58	15.88	0.0387
25	15	5	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.59	15.89	0.0388
25	15	5	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@23	23.57	15.87	0.0386
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	12@6	23.59	15.89	0.0388
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.77	16.07	0.0405
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@23	23.75	16.05	0.0403
25	15	5	392500	1882.5	DFT-s-OFDM 16 QAM	12@6	22.53	14.83	0.0304
25	15	5	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.82	15.12	0.0325
25	15	5	392500	1882.5	DFT-s-OFDM 16 QAM	1@23	22.7	15	0.0316
25	15	5	392500	1882.5	DFT-s-OFDM 64 QAM	12@6	21.13	13.43	0.0220
25	15	5	392500	1882.5	DFT-s-OFDM	1@1	21.31	13.61	0.0230

					64 QAM				
25	15	5	392500	1882.5	DFT-s-OFDM 64 QAM	1@23	21.31	13.61	0.0230
25	15	5	392500	1882.5	DFT-s-OFDM 256 QAM	12@6	18.91	11.21	0.0132
25	15	5	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	18.91	11.21	0.0132
25	15	5	392500	1882.5	DFT-s-OFDM 256 QAM	1@23	18.89	11.19	0.0132
25	15	5	392500	1882.5	CP-OFDM QPSK	13@6	22.14	14.44	0.0278
25	15	5	392500	1882.5	CP-OFDM QPSK	1@1	22.31	14.61	0.0289
25	15	5	392500	1882.5	CP-OFDM QPSK	1@23	22.26	14.56	0.0286
25	15	5	398500	1912.5	DFT-s-OFDM PI/2 BPSK	12@6	23.27	15.57	0.0361
25	15	5	398500	1912.5	DFT-s-OFDM PI/2 BPSK	1@1	23.28	15.58	0.0361
25	15	5	398500	1912.5	DFT-s-OFDM PI/2 BPSK	1@23	23.34	15.64	0.0366
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	12@6	22.16	14.46	0.0279
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@1	22.22	14.52	0.0283
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@23	22.31	14.61	0.0289
25	15	5	398500	1912.5	DFT-s-OFDM 16 QAM	12@6	21.11	13.41	0.0219
25	15	5	398500	1912.5	DFT-s-OFDM 16 QAM	1@1	21.42	13.72	0.0236
25	15	5	398500	1912.5	DFT-s-OFDM 16 QAM	1@23	21.58	13.88	0.0244
25	15	5	398500	1912.5	DFT-s-OFDM 64 QAM	12@6	19.75	12.05	0.0160
25	15	5	398500	1912.5	DFT-s-OFDM 64 QAM	1@1	19.94	12.24	0.0167
25	15	5	398500	1912.5	DFT-s-OFDM 64 QAM	1@23	20.11	12.41	0.0174
25	15	5	398500	1912.5	DFT-s-OFDM 256 QAM	12@6	19.18	11.48	0.0141
25	15	5	398500	1912.5	DFT-s-OFDM 256 QAM	1@1	18.4	10.7	0.0117
25	15	5	398500	1912.5	DFT-s-OFDM 256 QAM	1@23	18.54	10.84	0.0121
25	15	5	398500	1912.5	CP-OFDM QPSK	13@6	20.67	12.97	0.0198
25	15	5	398500	1912.5	CP-OFDM QPSK	1@1	21	13.3	0.0214
25	15	5	398500	1912.5	CP-OFDM QPSK	1@23	21.08	13.38	0.0218
25	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	25@12	23.79	16.09	0.0406
25	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	1@1	23.61	15.91	0.0390
25	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	1@50	23.58	15.88	0.0387
25	15	10	387000	1855	DFT-s-OFDM QPSK	25@12	23.73	16.03	0.0401
25	15	10	387000	1855	DFT-s-OFDM QPSK	1@1	23.75	16.05	0.0403
25	15	10	387000	1855	DFT-s-OFDM QPSK	1@50	23.75	16.05	0.0403
25	15	10	387000	1855	DFT-s-OFDM 16 QAM	25@12	22.66	14.96	0.0313
25	15	10	387000	1855	DFT-s-OFDM 16 QAM	1@1	22.76	15.06	0.0321

25	15	10	387000	1855	DFT-s-OFDM 16 QAM	1@50	22.76	15.06	0.0321
25	15	10	387000	1855	DFT-s-OFDM 64 QAM	25@12	21.31	13.61	0.0230
25	15	10	387000	1855	DFT-s-OFDM 64 QAM	1@1	21.3	13.6	0.0229
25	15	10	387000	1855	DFT-s-OFDM 64 QAM	1@50	21.29	13.59	0.0229
25	15	10	387000	1855	DFT-s-OFDM 256 QAM	25@12	18.71	11.01	0.0126
25	15	10	387000	1855	DFT-s-OFDM 256 QAM	1@1	18.95	11.25	0.0133
25	15	10	387000	1855	DFT-s-OFDM 256 QAM	1@50	18.86	11.16	0.0131
25	15	10	387000	1855	CP-OFDM QPSK	26@13	22.24	14.54	0.0284
25	15	10	387000	1855	CP-OFDM QPSK	1@1	22.42	14.72	0.0296
25	15	10	387000	1855	CP-OFDM QPSK	1@50	22.22	14.52	0.0283
25	15	10	392500	1882.5	DFT-s-OFDM PI/2 BPSK	25@12	23.62	15.92	0.0391
25	15	10	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.55	15.85	0.0385
25	15	10	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@50	23.54	15.84	0.0384
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	25@12	23.67	15.97	0.0395
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.75	16.05	0.0403
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	1@50	23.55	15.85	0.0385
25	15	10	392500	1882.5	DFT-s-OFDM 16 QAM	25@12	22.59	14.89	0.0308
25	15	10	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.71	15.01	0.0317
25	15	10	392500	1882.5	DFT-s-OFDM 16 QAM	1@50	22.7	15	0.0316
25	15	10	392500	1882.5	DFT-s-OFDM 64 QAM	25@12	21.23	13.53	0.0225
25	15	10	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	21.26	13.56	0.0227
25	15	10	392500	1882.5	DFT-s-OFDM 64 QAM	1@50	21.18	13.48	0.0223
25	15	10	392500	1882.5	DFT-s-OFDM 256 QAM	25@12	18.9	11.2	0.0132
25	15	10	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	18.87	11.17	0.0131
25	15	10	392500	1882.5	DFT-s-OFDM 256 QAM	1@50	18.8	11.1	0.0129
25	15	10	392500	1882.5	CP-OFDM QPSK	26@13	22.08	14.38	0.0274
25	15	10	392500	1882.5	CP-OFDM QPSK	1@1	22.15	14.45	0.0279
25	15	10	392500	1882.5	CP-OFDM QPSK	1@50	22.16	14.46	0.0279
25	15	10	398000	1910	DFT-s-OFDM PI/2 BPSK	25@12	23.71	16.01	0.0399
25	15	10	398000	1910	DFT-s-OFDM PI/2 BPSK	1@1	23.59	15.89	0.0388
25	15	10	398000	1910	DFT-s-OFDM PI/2 BPSK	1@50	23.42	15.72	0.0373
25	15	10	398000	1910	DFT-s-OFDM QPSK	25@12	22.73	15.03	0.0318
25	15	10	398000	1910	DFT-s-OFDM QPSK	1@1	23.47	15.77	0.0378
25	15	10	398000	1910	DFT-s-OFDM QPSK	1@50	22.41	14.71	0.0296

25	15	10	398000	1910	DFT-s-OFDM 16 QAM	25@12	21.74	14.04	0.0254
25	15	10	398000	1910	DFT-s-OFDM 16 QAM	1@1	22.81	15.11	0.0324
25	15	10	398000	1910	DFT-s-OFDM 16 QAM	1@50	21.64	13.94	0.0248
25	15	10	398000	1910	DFT-s-OFDM 64 QAM	25@12	20.39	12.69	0.0186
25	15	10	398000	1910	DFT-s-OFDM 64 QAM	1@1	21.3	13.6	0.0229
25	15	10	398000	1910	DFT-s-OFDM 64 QAM	1@50	20.11	12.41	0.0174
25	15	10	398000	1910	DFT-s-OFDM 256 QAM	25@12	18.78	11.08	0.0128
25	15	10	398000	1910	DFT-s-OFDM 256 QAM	1@1	18.94	11.24	0.0133
25	15	10	398000	1910	DFT-s-OFDM 256 QAM	1@50	18.73	11.03	0.0127
25	15	10	398000	1910	CP-OFDM QPSK	26@13	21.07	13.37	0.0217
25	15	10	398000	1910	CP-OFDM QPSK	1@1	22.17	14.47	0.0280
25	15	10	398000	1910	CP-OFDM QPSK	1@50	21.09	13.39	0.0218
25	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	36@18	23.69	15.99	0.0397
25	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	1@1	23.71	16.01	0.0399
25	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	1@77	23.6	15.9	0.0389
25	15	15	387500	1857.5	DFT-s-OFDM QPSK	36@18	23.74	16.04	0.0402
25	15	15	387500	1857.5	DFT-s-OFDM QPSK	1@1	23.86	16.16	0.0413
25	15	15	387500	1857.5	DFT-s-OFDM QPSK	1@77	23.8	16.1	0.0407
25	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	36@18	22.69	14.99	0.0316
25	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	1@1	22.87	15.17	0.0329
25	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	1@77	22.74	15.04	0.0319
25	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	36@18	21.27	13.57	0.0228
25	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	1@1	21.38	13.68	0.0233
25	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	1@77	21.29	13.59	0.0229
25	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	36@18	18.88	11.18	0.0131
25	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	1@1	19	11.3	0.0135
25	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	1@77	18.88	11.18	0.0131
25	15	15	387500	1857.5	CP-OFDM QPSK	39@19	22.23	14.53	0.0284
25	15	15	387500	1857.5	CP-OFDM QPSK	1@1	22.36	14.66	0.0292
25	15	15	387500	1857.5	CP-OFDM QPSK	1@77	22.15	14.45	0.0279
25	15	15	392500	1882.5	DFT-s-OFDM PI/2 BPSK	36@18	23.65	15.95	0.0394
25	15	15	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.53	15.83	0.0383
25	15	15	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@77	23.55	15.85	0.0385
25	15	15	392500	1882.5	DFT-s-OFDM QPSK	36@18	23.69	15.99	0.0397

25	15	15	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.69	15.99	0.0397
25	15	15	392500	1882.5	DFT-s-OFDM QPSK	1@77	22.99	15.29	0.0338
25	15	15	392500	1882.5	DFT-s-OFDM 16 QAM	36@18	22.63	14.93	0.0311
25	15	15	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.73	15.03	0.0318
25	15	15	392500	1882.5	DFT-s-OFDM 16 QAM	1@77	22.31	14.61	0.0289
25	15	15	392500	1882.5	DFT-s-OFDM 64 QAM	36@18	21.21	13.51	0.0224
25	15	15	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	21.19	13.49	0.0223
25	15	15	392500	1882.5	DFT-s-OFDM 64 QAM	1@77	20.81	13.11	0.0205
25	15	15	392500	1882.5	DFT-s-OFDM 256 QAM	36@18	18.69	10.99	0.0126
25	15	15	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	18.9	11.2	0.0132
25	15	15	392500	1882.5	DFT-s-OFDM 256 QAM	1@77	18.81	11.11	0.0129
25	15	15	392500	1882.5	CP-OFDM QPSK	39@19	22.16	14.46	0.0279
25	15	15	392500	1882.5	CP-OFDM QPSK	1@1	22.19	14.49	0.0281
25	15	15	392500	1882.5	CP-OFDM QPSK	1@77	21.63	13.93	0.0247
25	15	15	397500	1907.5	DFT-s-OFDM PI/2 BPSK	36@18	23.66	15.96	0.0394
25	15	15	397500	1907.5	DFT-s-OFDM PI/2 BPSK	1@1	23.53	15.83	0.0383
25	15	15	397500	1907.5	DFT-s-OFDM PI/2 BPSK	1@77	23.38	15.68	0.0370
25	15	15	397500	1907.5	DFT-s-OFDM QPSK	36@18	23.19	15.49	0.0354
25	15	15	397500	1907.5	DFT-s-OFDM QPSK	1@1	23.02	15.32	0.0340
25	15	15	397500	1907.5	DFT-s-OFDM QPSK	1@77	22.36	14.66	0.0292
25	15	15	397500	1907.5	DFT-s-OFDM 16 QAM	36@18	22.33	14.63	0.0290
25	15	15	397500	1907.5	DFT-s-OFDM 16 QAM	1@1	22.36	14.66	0.0292
25	15	15	397500	1907.5	DFT-s-OFDM 16 QAM	1@77	21.6	13.9	0.0245
25	15	15	397500	1907.5	DFT-s-OFDM 64 QAM	36@18	20.94	13.24	0.0211
25	15	15	397500	1907.5	DFT-s-OFDM 64 QAM	1@1	20.88	13.18	0.0208
25	15	15	397500	1907.5	DFT-s-OFDM 64 QAM	1@77	20.13	12.43	0.0175
25	15	15	397500	1907.5	DFT-s-OFDM 256 QAM	36@18	18.66	10.96	0.0125
25	15	15	397500	1907.5	DFT-s-OFDM 256 QAM	1@1	18.9	11.2	0.0132
25	15	15	397500	1907.5	DFT-s-OFDM 256 QAM	1@77	18.71	11.01	0.0126
25	15	15	397500	1907.5	CP-OFDM QPSK	39@19	21.62	13.92	0.0247
25	15	15	397500	1907.5	CP-OFDM QPSK	1@1	21.59	13.89	0.0245
25	15	15	397500	1907.5	CP-OFDM QPSK	1@77	20.79	13.09	0.0204
25	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	50@25	23.73	16.03	0.0401
25	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	1@1	23.61	15.91	0.0390

25	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	1@104	23.58	15.88	0.0387
25	15	20	388000	1860	DFT-s-OFDM QPSK	50@25	23.7	16	0.0398
25	15	20	388000	1860	DFT-s-OFDM QPSK	1@1	23.79	16.09	0.0406
25	15	20	388000	1860	DFT-s-OFDM QPSK	1@104	23.73	16.03	0.0401
25	15	20	388000	1860	DFT-s-OFDM 16 QAM	50@25	22.69	14.99	0.0316
25	15	20	388000	1860	DFT-s-OFDM 16 QAM	1@1	22.81	15.11	0.0324
25	15	20	388000	1860	DFT-s-OFDM 16 QAM	1@104	22.72	15.02	0.0318
25	15	20	388000	1860	DFT-s-OFDM 64 QAM	50@25	21.2	13.5	0.0224
25	15	20	388000	1860	DFT-s-OFDM 64 QAM	1@1	21.32	13.62	0.0230
25	15	20	388000	1860	DFT-s-OFDM 64 QAM	1@104	21.24	13.54	0.0226
25	15	20	388000	1860	DFT-s-OFDM 256 QAM	50@25	19.17	11.47	0.0140
25	15	20	388000	1860	DFT-s-OFDM 256 QAM	1@1	19.01	11.31	0.0135
25	15	20	388000	1860	DFT-s-OFDM 256 QAM	1@104	18.92	11.22	0.0132
25	15	20	388000	1860	CP-OFDM QPSK	53@26	22.21	14.51	0.0282
25	15	20	388000	1860	CP-OFDM QPSK	1@1	22.31	14.61	0.0289
25	15	20	388000	1860	CP-OFDM QPSK	1@104	22.19	14.49	0.0281
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	50@25	23.72	16.02	0.0400
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.49	15.79	0.0379
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@104	23.22	15.52	0.0356
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	50@25	23.7	16	0.0398
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.63	15.93	0.0392
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@104	22.23	14.53	0.0284
25	15	20	392500	1882.5	DFT-s-OFDM 16 QAM	50@25	22.62	14.92	0.0310
25	15	20	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.61	14.91	0.0310
25	15	20	392500	1882.5	DFT-s-OFDM 16 QAM	1@104	21.52	13.82	0.0241
25	15	20	392500	1882.5	DFT-s-OFDM 64 QAM	50@25	21.21	13.51	0.0224
25	15	20	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	21.14	13.44	0.0221
25	15	20	392500	1882.5	DFT-s-OFDM 64 QAM	1@104	20	12.3	0.0170
25	15	20	392500	1882.5	DFT-s-OFDM 256 QAM	50@25	18.74	11.04	0.0127
25	15	20	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	18.91	11.21	0.0132
25	15	20	392500	1882.5	DFT-s-OFDM 256 QAM	1@104	18.64	10.94	0.0124
25	15	20	392500	1882.5	CP-OFDM QPSK	53@26	22.16	14.46	0.0279
25	15	20	392500	1882.5	CP-OFDM QPSK	1@1	22.1	14.4	0.0275
25	15	20	392500	1882.5	CP-OFDM QPSK	1@104	20.92	13.22	0.0210

25	15	20	397000	1905	DFT-s-OFDM PI/2 BPSK	50@25	23.7	16	0.0398
25	15	20	397000	1905	DFT-s-OFDM PI/2 BPSK	1@1	23.3	15.6	0.0363
25	15	20	397000	1905	DFT-s-OFDM PI/2 BPSK	1@104	23.37	15.67	0.0369
25	15	20	397000	1905	DFT-s-OFDM QPSK	50@25	23.35	15.65	0.0367
25	15	20	397000	1905	DFT-s-OFDM QPSK	1@1	22.25	14.55	0.0285
25	15	20	397000	1905	DFT-s-OFDM QPSK	1@104	22.36	14.66	0.0292
25	15	20	397000	1905	DFT-s-OFDM 16 QAM	50@25	22.46	14.76	0.0299
25	15	20	397000	1905	DFT-s-OFDM 16 QAM	1@1	21.56	13.86	0.0243
25	15	20	397000	1905	DFT-s-OFDM 16 QAM	1@104	21.6	13.9	0.0245
25	15	20	397000	1905	DFT-s-OFDM 64 QAM	50@25	21.11	13.41	0.0219
25	15	20	397000	1905	DFT-s-OFDM 64 QAM	1@1	20.06	12.36	0.0172
25	15	20	397000	1905	DFT-s-OFDM 64 QAM	1@104	20.12	12.42	0.0175
25	15	20	397000	1905	DFT-s-OFDM 256 QAM	50@25	18.88	11.18	0.0131
25	15	20	397000	1905	DFT-s-OFDM 256 QAM	1@1	18.59	10.89	0.0123
25	15	20	397000	1905	DFT-s-OFDM 256 QAM	1@104	18.7	11	0.0126
25	15	20	397000	1905	CP-OFDM QPSK	53@26	21.82	14.12	0.0258
25	15	20	397000	1905	CP-OFDM QPSK	1@1	21.02	13.32	0.0215
25	15	20	397000	1905	CP-OFDM QPSK	1@104	21.11	13.41	0.0219
25	15	25	388500	1862.5	DFT-s-OFDM PI/2 BPSK	64@32	23.71	16.01	0.0399
25	15	25	388500	1862.5	DFT-s-OFDM PI/2 BPSK	1@1	23.74	16.04	0.0402
25	15	25	388500	1862.5	DFT-s-OFDM PI/2 BPSK	1@131	23.68	15.98	0.0396
25	15	25	388500	1862.5	DFT-s-OFDM QPSK	64@32	23.72	16.02	0.0400
25	15	25	388500	1862.5	DFT-s-OFDM QPSK	1@1	23.85	16.15	0.0412
25	15	25	388500	1862.5	DFT-s-OFDM QPSK	1@131	23.85	16.15	0.0412
25	15	25	388500	1862.5	DFT-s-OFDM 16 QAM	64@32	22.74	15.04	0.0319
25	15	25	388500	1862.5	DFT-s-OFDM 16 QAM	1@1	22.89	15.19	0.0330
25	15	25	388500	1862.5	DFT-s-OFDM 16 QAM	1@131	22.84	15.14	0.0327
25	15	25	388500	1862.5	DFT-s-OFDM 64 QAM	64@32	21.23	13.53	0.0225
25	15	25	388500	1862.5	DFT-s-OFDM 64 QAM	1@1	21.39	13.69	0.0234
25	15	25	388500	1862.5	DFT-s-OFDM 64 QAM	1@131	21.33	13.63	0.0231
25	15	25	388500	1862.5	DFT-s-OFDM 256 QAM	64@32	19.18	11.48	0.0141
25	15	25	388500	1862.5	DFT-s-OFDM 256 QAM	1@1	19.08	11.38	0.0137
25	15	25	388500	1862.5	DFT-s-OFDM 256 QAM	1@131	19.02	11.32	0.0136
25	15	25	388500	1862.5	CP-OFDM QPSK	67@33	22.2	14.5	0.0282

25	15	25	388500	1862.5	CP-OFDM QPSK	1@1	22.36	14.66	0.0292
25	15	25	388500	1862.5	CP-OFDM QPSK	1@131	22.19	14.49	0.0281
25	15	25	392500	1882.5	DFT-s-OFDM PI/2 BPSK	64@32	23.68	15.98	0.0396
25	15	25	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.58	15.88	0.0387
25	15	25	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@131	23.65	15.95	0.0394
25	15	25	392500	1882.5	DFT-s-OFDM QPSK	64@32	23.73	16.03	0.0401
25	15	25	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.78	16.08	0.0406
25	15	25	392500	1882.5	DFT-s-OFDM QPSK	1@131	23.47	15.77	0.0378
25	15	25	392500	1882.5	DFT-s-OFDM 16 QAM	64@32	22.72	15.02	0.0318
25	15	25	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.71	15.01	0.0317
25	15	25	392500	1882.5	DFT-s-OFDM 16 QAM	1@131	22.7	15	0.0316
25	15	25	392500	1882.5	DFT-s-OFDM 64 QAM	64@32	21.23	13.53	0.0225
25	15	25	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	21.24	13.54	0.0226
25	15	25	392500	1882.5	DFT-s-OFDM 64 QAM	1@131	21.22	13.52	0.0225
25	15	25	392500	1882.5	DFT-s-OFDM 256 QAM	64@32	18.78	11.08	0.0128
25	15	25	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	18.91	11.21	0.0132
25	15	25	392500	1882.5	DFT-s-OFDM 256 QAM	1@131	18.96	11.26	0.0134
25	15	25	392500	1882.5	CP-OFDM QPSK	67@33	22.16	14.46	0.0279
25	15	25	392500	1882.5	CP-OFDM QPSK	1@1	22.18	14.48	0.0281
25	15	25	392500	1882.5	CP-OFDM QPSK	1@131	22.18	14.48	0.0281
25	15	25	396500	1902.5	DFT-s-OFDM PI/2 BPSK	64@32	23.71	16.01	0.0399
25	15	25	396500	1902.5	DFT-s-OFDM PI/2 BPSK	1@1	23.7	16	0.0398
25	15	25	396500	1902.5	DFT-s-OFDM PI/2 BPSK	1@131	23.61	15.91	0.0390
25	15	25	396500	1902.5	DFT-s-OFDM QPSK	64@32	23.67	15.97	0.0395
25	15	25	396500	1902.5	DFT-s-OFDM QPSK	1@1	23.54	15.84	0.0384
25	15	25	396500	1902.5	DFT-s-OFDM QPSK	1@131	22.64	14.94	0.0312
25	15	25	396500	1902.5	DFT-s-OFDM 16 QAM	64@32	22.67	14.97	0.0314
25	15	25	396500	1902.5	DFT-s-OFDM 16 QAM	1@1	22.74	15.04	0.0319
25	15	25	396500	1902.5	DFT-s-OFDM 16 QAM	1@131	21.89	14.19	0.0262
25	15	25	396500	1902.5	DFT-s-OFDM 64 QAM	64@32	21.21	13.51	0.0224
25	15	25	396500	1902.5	DFT-s-OFDM 64 QAM	1@1	21.27	13.57	0.0228
25	15	25	396500	1902.5	DFT-s-OFDM 64 QAM	1@131	20.42	12.72	0.0187
25	15	25	396500	1902.5	DFT-s-OFDM 256 QAM	64@32	19.1	11.4	0.0138
25	15	25	396500	1902.5	DFT-s-OFDM 256 QAM	1@1	19.04	11.34	0.0136

25	15	25	396500	1902.5	DFT-s-OFDM 256 QAM	1@131	18.92	11.22	0.0132
25	15	25	396500	1902.5	CP-OFDM QPSK	67@33	22.2	14.5	0.0282
25	15	25	396500	1902.5	CP-OFDM QPSK	1@1	22.32	14.62	0.0290
25	15	25	396500	1902.5	CP-OFDM QPSK	1@131	21.37	13.67	0.0233
25	15	30	389000	1865	DFT-s-OFDM PI/2 BPSK	80@40	23.72	16.02	0.0400
25	15	30	389000	1865	DFT-s-OFDM PI/2 BPSK	1@1	23.72	16.02	0.0400
25	15	30	389000	1865	DFT-s-OFDM PI/2 BPSK	1@158	23.63	15.93	0.0392
25	15	30	389000	1865	DFT-s-OFDM QPSK	80@40	23.72	16.02	0.0400
25	15	30	389000	1865	DFT-s-OFDM QPSK	1@1	23.89	16.19	0.0416
25	15	30	389000	1865	DFT-s-OFDM QPSK	1@158	23.84	16.14	0.0411
25	15	30	389000	1865	DFT-s-OFDM 16 QAM	80@40	22.72	15.02	0.0318
25	15	30	389000	1865	DFT-s-OFDM 16 QAM	1@1	22.85	15.15	0.0327
25	15	30	389000	1865	DFT-s-OFDM 16 QAM	1@158	22.84	15.14	0.0327
25	15	30	389000	1865	DFT-s-OFDM 64 QAM	80@40	21.21	13.51	0.0224
25	15	30	389000	1865	DFT-s-OFDM 64 QAM	1@1	21.39	13.69	0.0234
25	15	30	389000	1865	DFT-s-OFDM 64 QAM	1@158	21.35	13.65	0.0232
25	15	30	389000	1865	DFT-s-OFDM 256 QAM	80@40	19.18	11.48	0.0141
25	15	30	389000	1865	DFT-s-OFDM 256 QAM	1@1	19.14	11.44	0.0139
25	15	30	389000	1865	DFT-s-OFDM 256 QAM	1@158	19.05	11.35	0.0136
25	15	30	389000	1865	CP-OFDM QPSK	80@40	22.17	14.47	0.0280
25	15	30	389000	1865	CP-OFDM QPSK	1@1	22.38	14.68	0.0294
25	15	30	389000	1865	CP-OFDM QPSK	1@158	22.33	14.63	0.0290
25	15	30	392500	1882.5	DFT-s-OFDM PI/2 BPSK	80@40	23.68	15.98	0.0396
25	15	30	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.56	15.86	0.0385
25	15	30	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@158	23.62	15.92	0.0391
25	15	30	392500	1882.5	DFT-s-OFDM QPSK	80@40	23.75	16.05	0.0403
25	15	30	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.74	16.04	0.0402
25	15	30	392500	1882.5	DFT-s-OFDM QPSK	1@158	23.48	15.78	0.0378
25	15	30	392500	1882.5	DFT-s-OFDM 16 QAM	80@40	22.56	14.86	0.0306
25	15	30	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.73	15.03	0.0318
25	15	30	392500	1882.5	DFT-s-OFDM 16 QAM	1@158	22.7	15	0.0316
25	15	30	392500	1882.5	DFT-s-OFDM 64 QAM	80@40	21.11	13.41	0.0219
25	15	30	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	21.18	13.48	0.0223
25	15	30	392500	1882.5	DFT-s-OFDM 64 QAM	1@158	21.26	13.56	0.0227

25	15	30	392500	1882.5	DFT-s-OFDM 256 QAM	80@40	18.69	10.99	0.0126
25	15	30	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	18.95	11.25	0.0133
25	15	30	392500	1882.5	DFT-s-OFDM 256 QAM	1@158	18.96	11.26	0.0134
25	15	30	392500	1882.5	CP-OFDM QPSK	80@40	22.13	14.43	0.0277
25	15	30	392500	1882.5	CP-OFDM QPSK	1@1	21.95	14.25	0.0266
25	15	30	392500	1882.5	CP-OFDM QPSK	1@158	22.01	14.31	0.0270
25	15	30	396000	1900	DFT-s-OFDM PI/2 BPSK	80@40	23.68	15.98	0.0396
25	15	30	396000	1900	DFT-s-OFDM PI/2 BPSK	1@1	23.59	15.89	0.0388
25	15	30	396000	1900	DFT-s-OFDM PI/2 BPSK	1@158	23.62	15.92	0.0391
25	15	30	396000	1900	DFT-s-OFDM QPSK	80@40	23.72	16.02	0.0400
25	15	30	396000	1900	DFT-s-OFDM QPSK	1@1	23.78	16.08	0.0406
25	15	30	396000	1900	DFT-s-OFDM QPSK	1@158	22.6	14.9	0.0309
25	15	30	396000	1900	DFT-s-OFDM 16 QAM	80@40	22.73	15.03	0.0318
25	15	30	396000	1900	DFT-s-OFDM 16 QAM	1@1	22.76	15.06	0.0321
25	15	30	396000	1900	DFT-s-OFDM 16 QAM	1@158	21.85	14.15	0.0260
25	15	30	396000	1900	DFT-s-OFDM 64 QAM	80@40	21.25	13.55	0.0226
25	15	30	396000	1900	DFT-s-OFDM 64 QAM	1@1	21.28	13.58	0.0228
25	15	30	396000	1900	DFT-s-OFDM 64 QAM	1@158	20.37	12.67	0.0185
25	15	30	396000	1900	DFT-s-OFDM 256 QAM	80@40	19.17	11.47	0.0140
25	15	30	396000	1900	DFT-s-OFDM 256 QAM	1@1	19.02	11.32	0.0136
25	15	30	396000	1900	DFT-s-OFDM 256 QAM	1@158	18.84	11.14	0.0130
25	15	30	396000	1900	CP-OFDM QPSK	80@40	22.13	14.43	0.0277
25	15	30	396000	1900	CP-OFDM QPSK	1@1	22.2	14.5	0.0282
25	15	30	396000	1900	CP-OFDM QPSK	1@158	21.34	13.64	0.0231
25	15	40	390000	1870	DFT-s-OFDM PI/2 BPSK	108@54	23.68	15.98	0.0396
25	15	40	390000	1870	DFT-s-OFDM PI/2 BPSK	1@1	23.68	15.98	0.0396
25	15	40	390000	1870	DFT-s-OFDM PI/2 BPSK	1@214	23.72	16.02	0.0400
25	15	40	390000	1870	DFT-s-OFDM QPSK	108@54	23.72	16.02	0.0400
25	15	40	390000	1870	DFT-s-OFDM QPSK	1@1	23.85	16.15	0.0412
25	15	40	390000	1870	DFT-s-OFDM QPSK	1@214	23.64	15.94	0.0393
25	15	40	390000	1870	DFT-s-OFDM 16 QAM	108@54	22.76	15.06	0.0321
25	15	40	390000	1870	DFT-s-OFDM 16 QAM	1@1	22.82	15.12	0.0325
25	15	40	390000	1870	DFT-s-OFDM 16 QAM	1@214	22.87	15.17	0.0329
25	15	40	390000	1870	DFT-s-OFDM 64 QAM	108@54	21.23	13.53	0.0225

25	15	40	390000	1870	DFT-s-OFDM 64 QAM	1@1	21.32	13.62	0.0230
25	15	40	390000	1870	DFT-s-OFDM 64 QAM	1@214	21.36	13.66	0.0232
25	15	40	390000	1870	DFT-s-OFDM 256 QAM	108@54	19.21	11.51	0.0142
25	15	40	390000	1870	DFT-s-OFDM 256 QAM	1@1	19.07	11.37	0.0137
25	15	40	390000	1870	DFT-s-OFDM 256 QAM	1@214	19.14	11.44	0.0139
25	15	40	390000	1870	CP-OFDM QPSK	108@54	22.2	14.5	0.0282
25	15	40	390000	1870	CP-OFDM QPSK	1@1	22.36	14.66	0.0292
25	15	40	390000	1870	CP-OFDM QPSK	1@214	22.31	14.61	0.0289
25	15	40	392500	1882.5	DFT-s-OFDM PI/2 BPSK	108@54	23.7	16	0.0398
25	15	40	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.53	15.83	0.0383
25	15	40	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@214	23.67	15.97	0.0395
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	108@54	23.65	15.95	0.0394
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.72	16.02	0.0400
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	1@214	23.93	16.23	0.0420
25	15	40	392500	1882.5	DFT-s-OFDM 16 QAM	108@54	22.67	14.97	0.0314
25	15	40	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.7	15	0.0316
25	15	40	392500	1882.5	DFT-s-OFDM 16 QAM	1@214	22.82	15.12	0.0325
25	15	40	392500	1882.5	DFT-s-OFDM 64 QAM	108@54	21.15	13.45	0.0221
25	15	40	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	21.2	13.5	0.0224
25	15	40	392500	1882.5	DFT-s-OFDM 64 QAM	1@214	21.41	13.71	0.0235
25	15	40	392500	1882.5	DFT-s-OFDM 256 QAM	108@54	18.91	11.21	0.0132
25	15	40	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	18.94	11.24	0.0133
25	15	40	392500	1882.5	DFT-s-OFDM 256 QAM	1@214	19.11	11.41	0.0138
25	15	40	392500	1882.5	CP-OFDM QPSK	108@54	22.16	14.46	0.0279
25	15	40	392500	1882.5	CP-OFDM QPSK	1@1	22.21	14.51	0.0282
25	15	40	392500	1882.5	CP-OFDM QPSK	1@214	22.3	14.6	0.0288
25	15	40	395000	1895	DFT-s-OFDM PI/2 BPSK	108@54	23.77	16.07	0.0405
25	15	40	395000	1895	DFT-s-OFDM PI/2 BPSK	1@1	23.59	15.89	0.0388
25	15	40	395000	1895	DFT-s-OFDM PI/2 BPSK	1@214	23.65	15.95	0.0394
25	15	40	395000	1895	DFT-s-OFDM QPSK	108@54	23.69	15.99	0.0397
25	15	40	395000	1895	DFT-s-OFDM QPSK	1@1	23.74	16.04	0.0402
25	15	40	395000	1895	DFT-s-OFDM QPSK	1@214	22.64	14.94	0.0312
25	15	40	395000	1895	DFT-s-OFDM 16 QAM	108@54	22.64	14.94	0.0312
25	15	40	395000	1895	DFT-s-OFDM 16 QAM	1@1	22.66	14.96	0.0313

25	15	40	395000	1895	DFT-s-OFDM 16 QAM	1@214	21.87	14.17	0.0261
25	15	40	395000	1895	DFT-s-OFDM 64 QAM	108@54	21.22	13.52	0.0225
25	15	40	395000	1895	DFT-s-OFDM 64 QAM	1@1	21.21	13.51	0.0224
25	15	40	395000	1895	DFT-s-OFDM 64 QAM	1@214	20.4	12.7	0.0186
25	15	40	395000	1895	DFT-s-OFDM 256 QAM	108@54	18.71	11.01	0.0126
25	15	40	395000	1895	DFT-s-OFDM 256 QAM	1@1	19.02	11.32	0.0136
25	15	40	395000	1895	DFT-s-OFDM 256 QAM	1@214	18.96	11.26	0.0134
25	15	40	395000	1895	CP-OFDM QPSK	108@54	22.23	14.53	0.0284
25	15	40	395000	1895	CP-OFDM QPSK	1@1	22.02	14.32	0.0270
25	15	40	395000	1895	CP-OFDM QPSK	1@214	21.17	13.47	0.0222

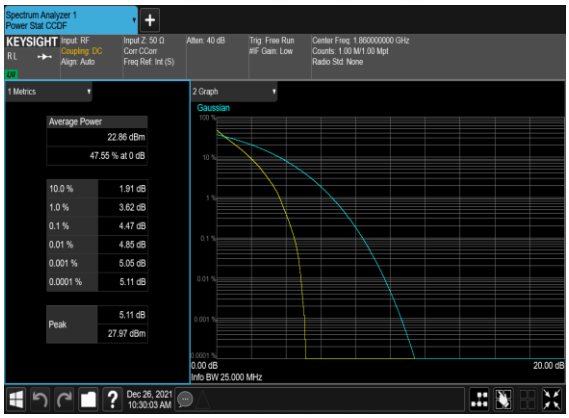
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0202	**PASS**	NV
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0025	**PASS**	LV
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0523	**PASS**	HV
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0319	**PASS**	-30℃
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0686	**PASS**	-20℃
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0276	**PASS**	-10℃
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0227	**PASS**	0℃
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0401	**PASS**	10℃
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0433	**PASS**	20℃
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0565	**PASS**	30℃
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0351	**PASS**	40℃
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0567	**PASS**	50℃

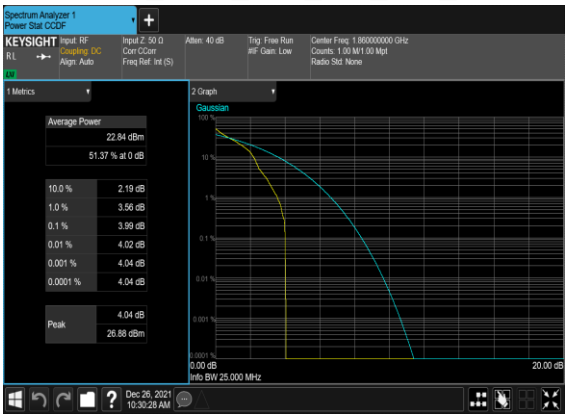
Peak to Average Radio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
25	15	20	388000	1860.0	DFT-s-OFDM PI/2 BPSK	100@0	4.47	13	**PASS**
25	15	20	388000	1860.0	DFT-s-OFDM PI/2 BPSK	1@0	3.99	13	**PASS**
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	100@0	5.54	13	**PASS**
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	5.24	13	**PASS**
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	100@0	4.31	13	**PASS**
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@0	3.99	13	**PASS**
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	5.45	13	**PASS**
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@0	4.95	13	**PASS**
25	15	20	397000	1905.0	DFT-s-OFDM PI/2 BPSK	100@0	3.9	13	**PASS**
25	15	20	397000	1905.0	DFT-s-OFDM PI/2 BPSK	1@0	3.93	13	**PASS**
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	100@0	4.98	13	**PASS**
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	1@0	5.23	13	**PASS**

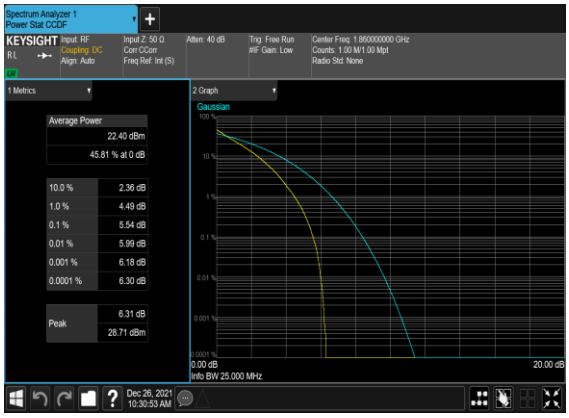
N25(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



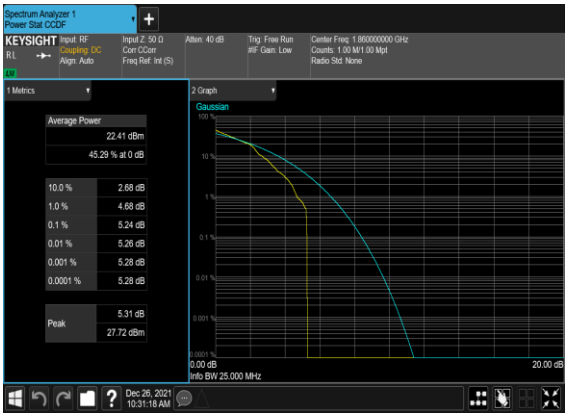
N25(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



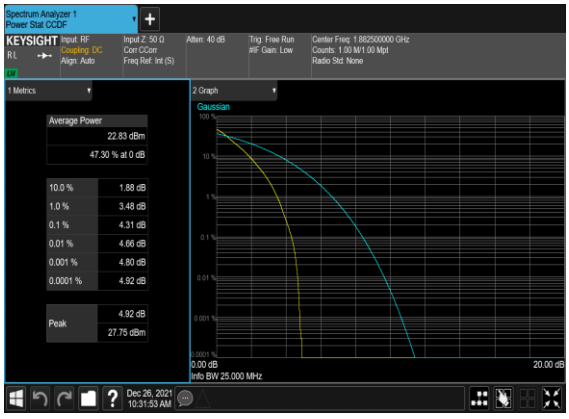
N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

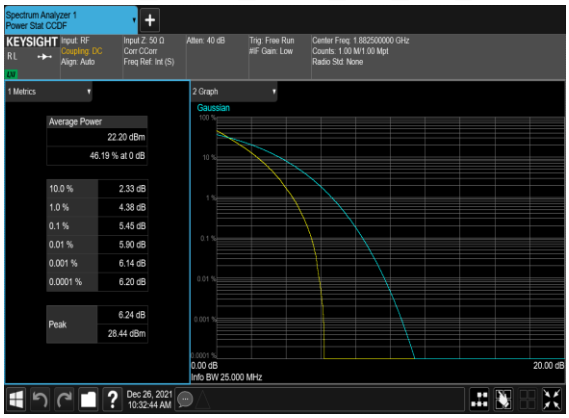


N25(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

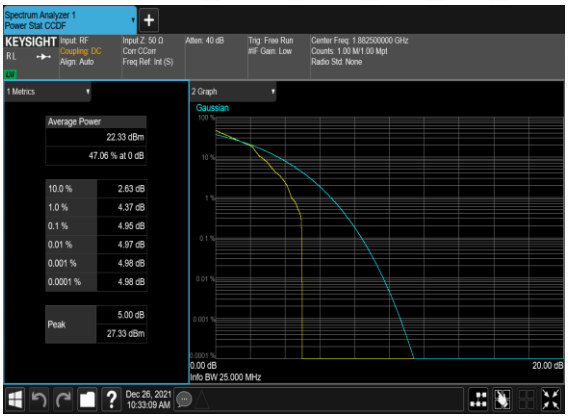


N25(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH

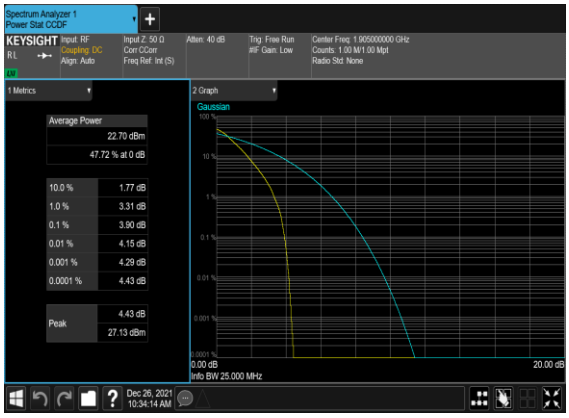
N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



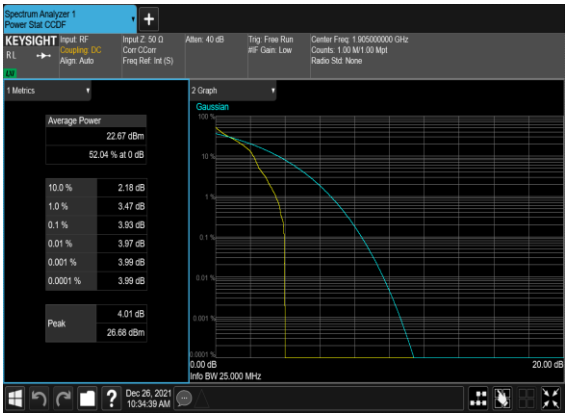
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N25(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH

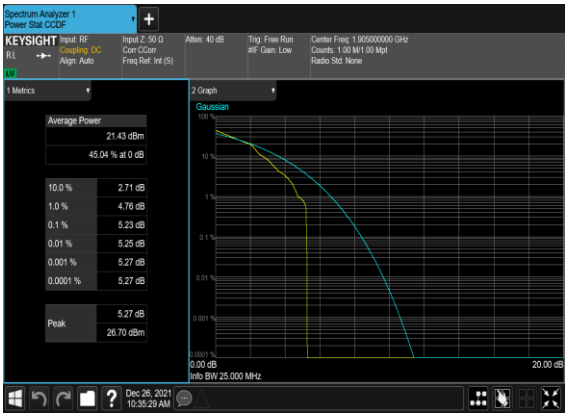


N25(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

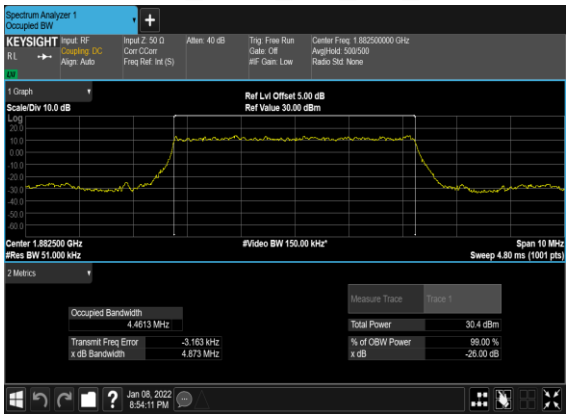


Occupied Bandwidth

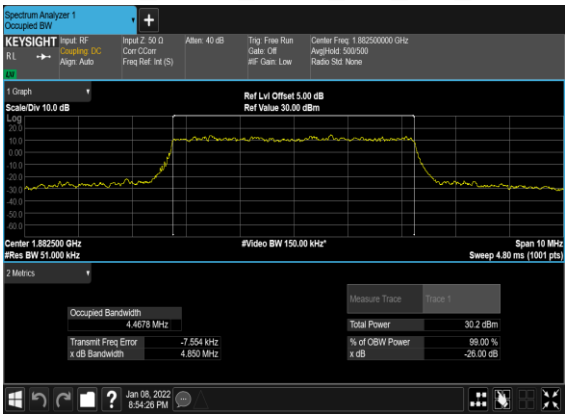
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
25	15	5	392500	1882.5	DFT-s-OFDM PI/2 BPSK	25@0	4.4613	4.873
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	25@0	4.4678	4.85
25	15	5	392500	1882.5	CP-OFDM QPSK	25@0	4.4735	4.954
25	15	5	392500	1882.5	CP-OFDM 16 QAM	25@0	4.4786	4.959
25	15	5	392500	1882.5	CP-OFDM 64 QAM	25@0	4.4757	4.937
25	15	5	392500	1882.5	CP-OFDM 256 QAM	25@0	4.4707	4.972
25	15	10	392500	1882.5	DFT-s-OFDM PI/2 BPSK	50@0	8.8881	9.472
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	50@0	8.9044	9.474
25	15	10	392500	1882.5	CP-OFDM QPSK	52@0	9.2735	9.941
25	15	10	392500	1882.5	CP-OFDM 16 QAM	52@0	9.2601	9.903
25	15	10	392500	1882.5	CP-OFDM 64 QAM	52@0	9.2688	9.835
25	15	10	392500	1882.5	CP-OFDM 256 QAM	52@0	9.2852	9.918
25	15	15	392500	1882.5	DFT-s-OFDM PI/2 BPSK	75@0	13.379	14.11
25	15	15	392500	1882.5	DFT-s-OFDM QPSK	75@0	13.381	14.12
25	15	15	392500	1882.5	CP-OFDM QPSK	79@0	14.081	14.82
25	15	15	392500	1882.5	CP-OFDM 16 QAM	79@0	14.095	14.83
25	15	15	392500	1882.5	CP-OFDM 64 QAM	79@0	14.101	14.88
25	15	15	392500	1882.5	CP-OFDM 256 QAM	79@0	14.114	14.86
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	100@0	17.84	18.65
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	17.855	18.7
25	15	20	392500	1882.5	CP-OFDM QPSK	106@0	18.909	19.86
25	15	20	392500	1882.5	CP-OFDM 16 QAM	106@0	18.913	19.85
25	15	20	392500	1882.5	CP-OFDM 64 QAM	106@0	18.908	19.71
25	15	20	392500	1882.5	CP-OFDM 256 QAM	106@0	18.969	19.81

25	15	25	392500	1882.5	DFT-s-OFDM PI/2 BPSK	128@0	22.837	23.8
25	15	25	392500	1882.5	DFT-s-OFDM QPSK	128@0	22.892	23.74
25	15	25	392500	1882.5	CP-OFDM QPSK	133@0	23.714	24.68
25	15	25	392500	1882.5	CP-OFDM 16 QAM	133@0	23.72	24.65
25	15	25	392500	1882.5	CP-OFDM 64 QAM	133@0	23.698	24.7
25	15	25	392500	1882.5	CP-OFDM 256 QAM	133@0	23.71	24.65
25	15	30	392500	1882.5	DFT-s-OFDM PI/2 BPSK	160@0	28.544	29.66
25	15	30	392500	1882.5	DFT-s-OFDM QPSK	160@0	28.542	29.63
25	15	30	392500	1882.5	CP-OFDM QPSK	160@0	28.519	29.64
25	15	30	392500	1882.5	CP-OFDM 16 QAM	160@0	28.54	29.67
25	15	30	392500	1882.5	CP-OFDM 64 QAM	160@0	28.513	29.61
25	15	30	392500	1882.5	CP-OFDM 256 QAM	160@0	28.527	29.65
25	15	40	392500	1882.5	DFT-s-OFDM PI/2 BPSK	216@0	38.566	39.95
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	216@0	38.545	39.97
25	15	40	392500	1882.5	CP-OFDM QPSK	216@0	38.532	40.06
25	15	40	392500	1882.5	CP-OFDM 16 QAM	216@0	38.504	39.91
25	15	40	392500	1882.5	CP-OFDM 64 QAM	216@0	38.617	39.88
25	15	40	392500	1882.5	CP-OFDM 256 QAM	216@0	38.563	39.87

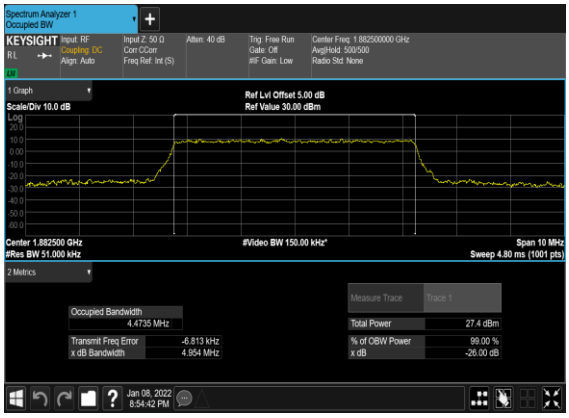
N25(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



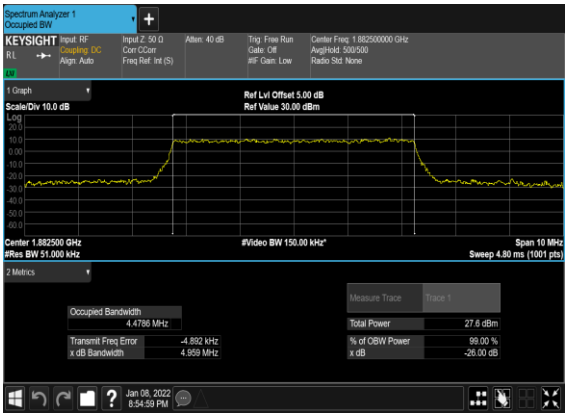
N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

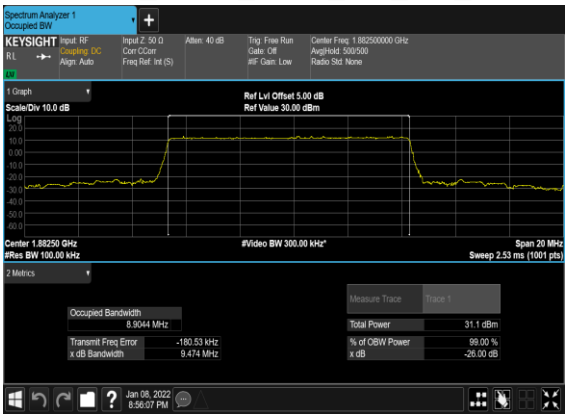


N25(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N25(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N25(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N25(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

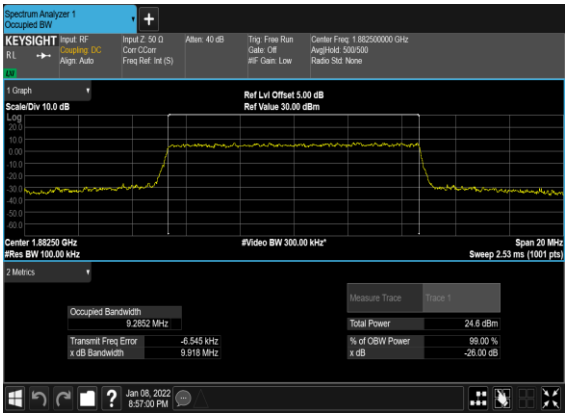


N25(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N25(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

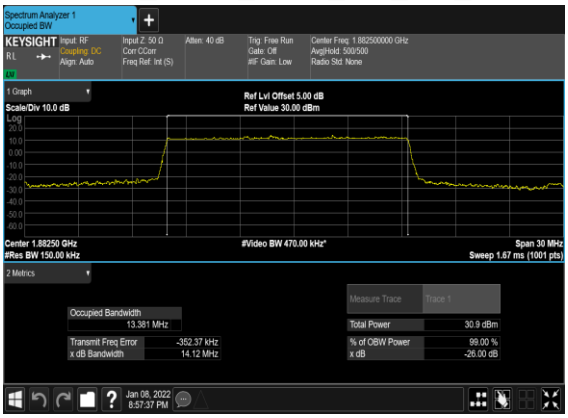
N25(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N25(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N25(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N25(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



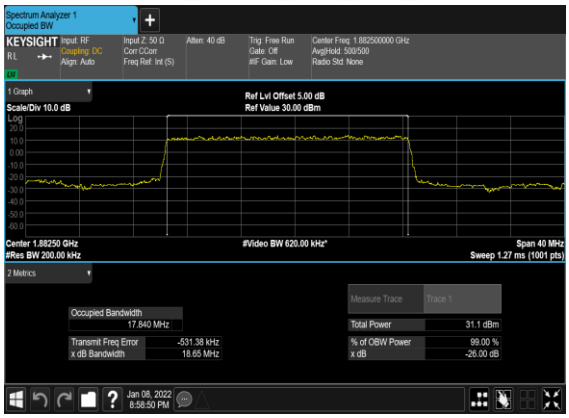
N25(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N25(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

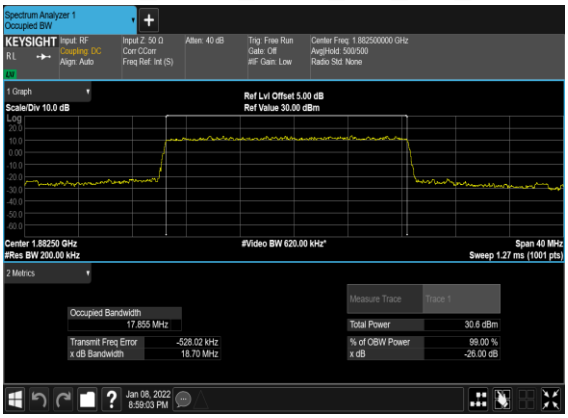
N25(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N25(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N25(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

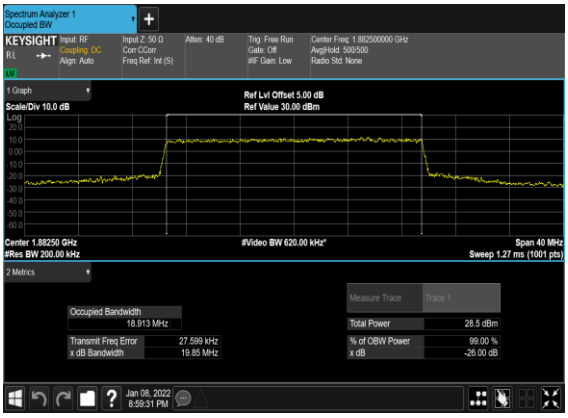


N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N25(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

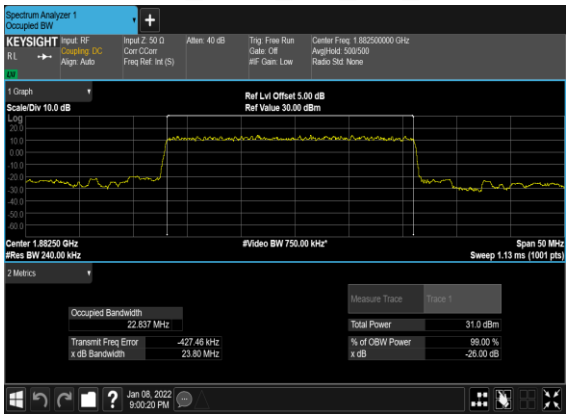
N25(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



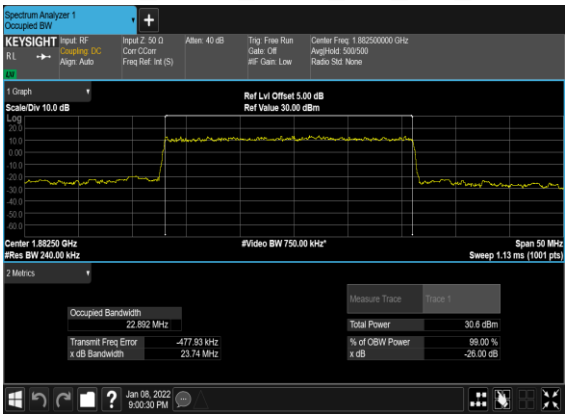
N25(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N25(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N25(25M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N25(25M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



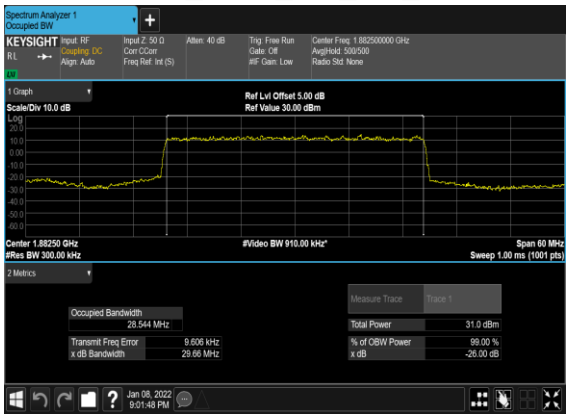
N25(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N25(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

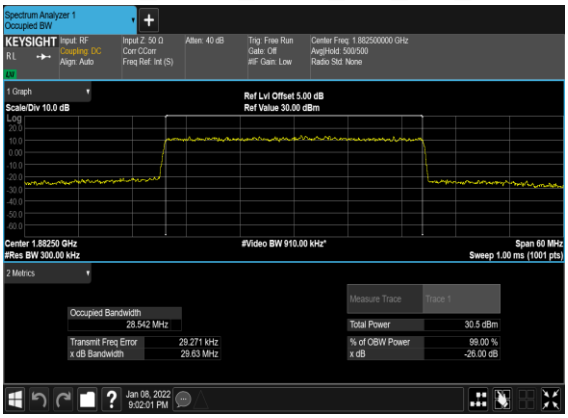
N25(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N25(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

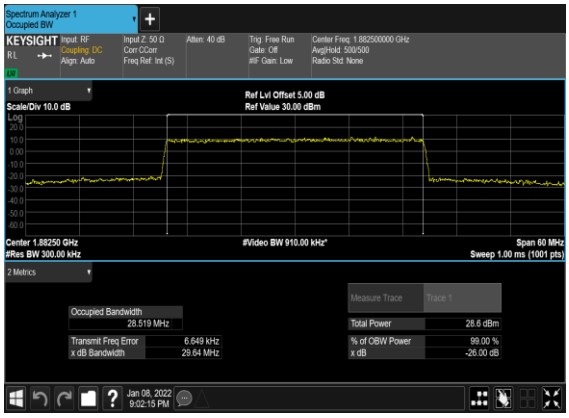
N25(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



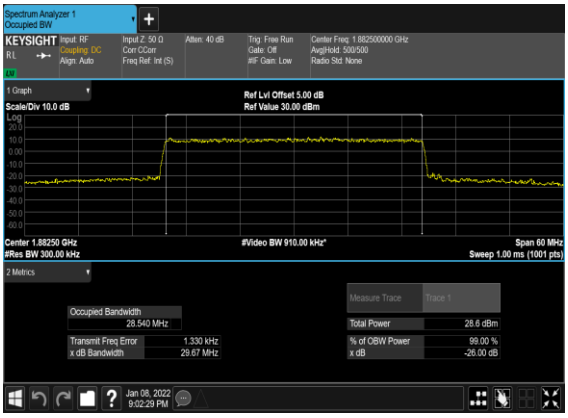
N25(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N25(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

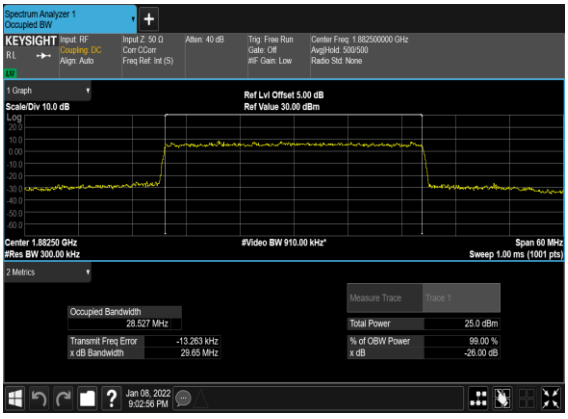


N25(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

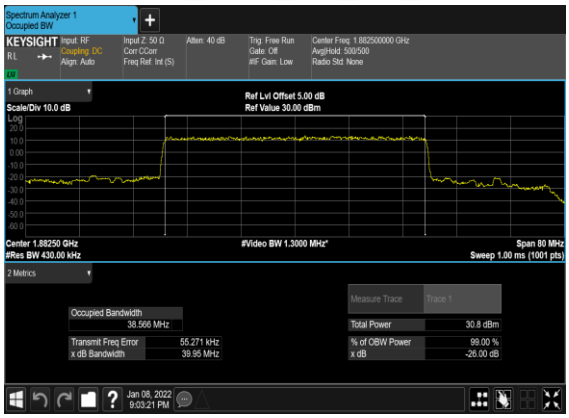


N25(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

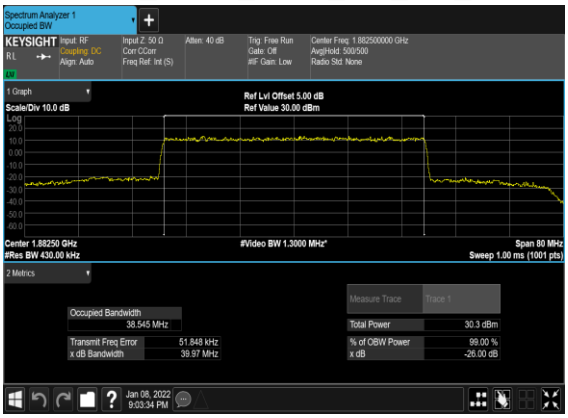
N25(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



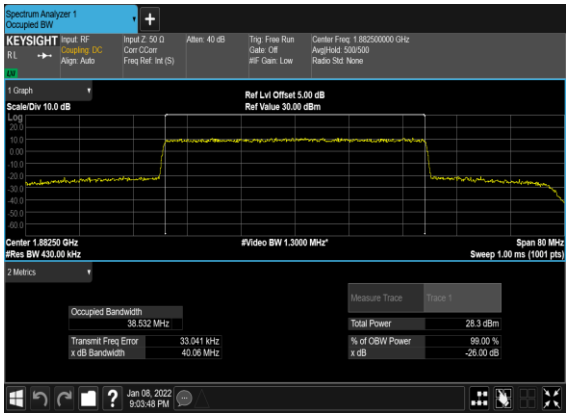
N25(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



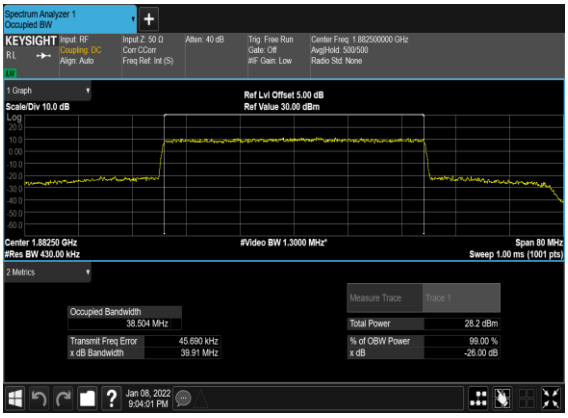
N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N25(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N25(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N25(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

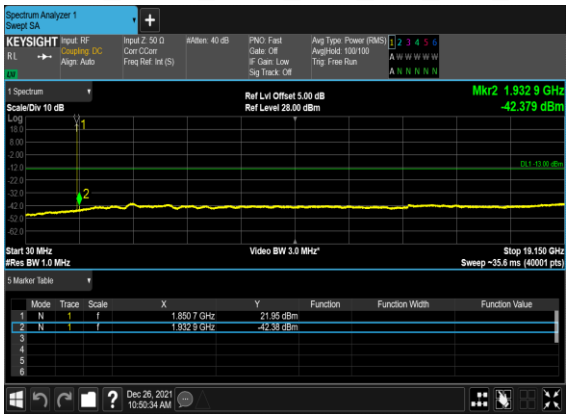
N25(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

Conducted Spurious Emissions

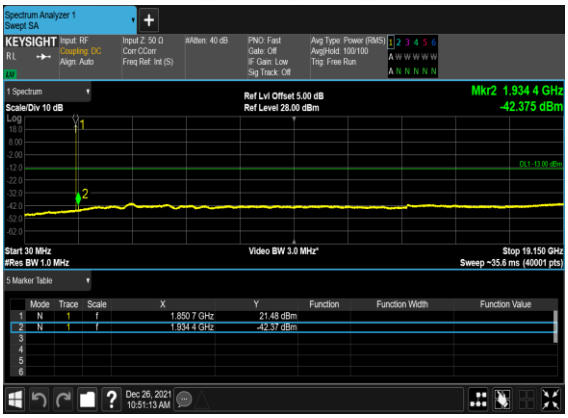
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	386500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
25	15	5	386500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	5	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
25	15	5	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	5	398500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
25	15	5	398500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	20	388000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
25	15	20	388000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	20	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
25	15	20	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	20	397000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
25	15	20	397000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**

25	15	20	397000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	40	390000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
25	15	40	390000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	40	390000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
25	15	40	390000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	40	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
25	15	40	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	40	395000	1895.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
25	15	40	395000	1895.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	40	395000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
25	15	40	395000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

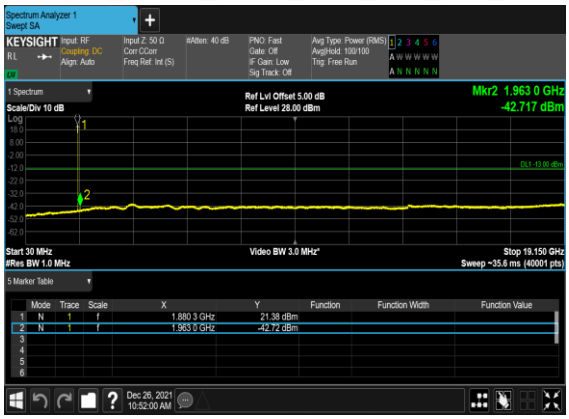
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



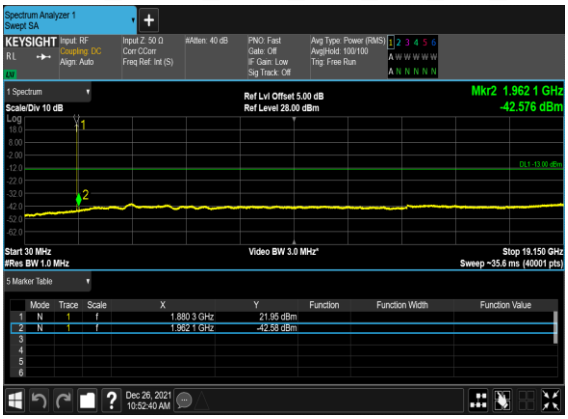
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



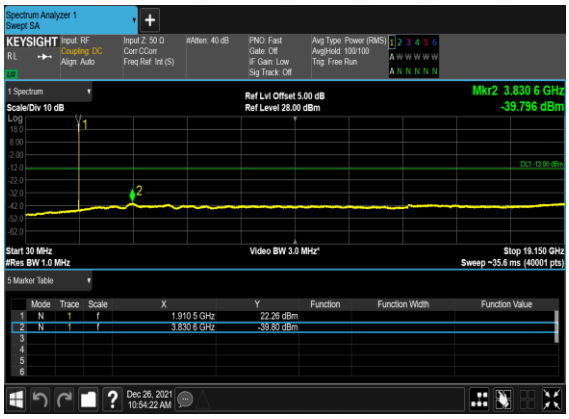
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



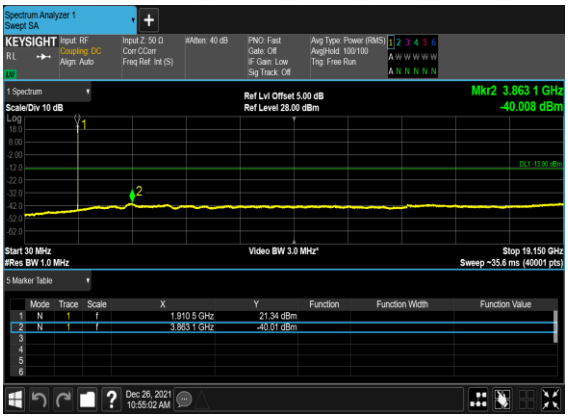
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



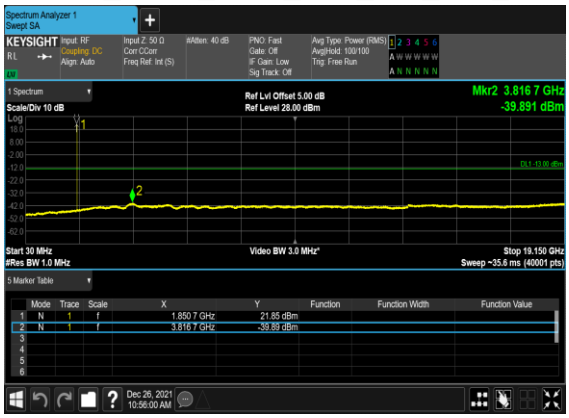
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



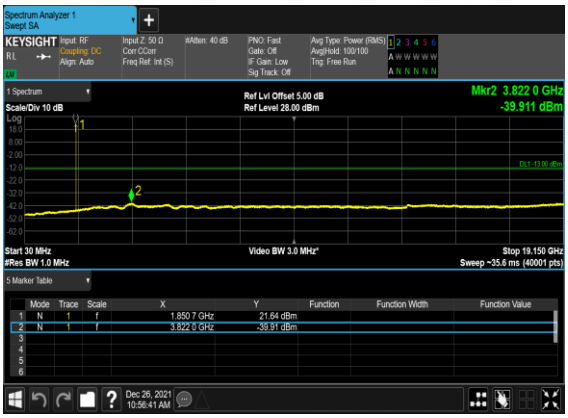
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



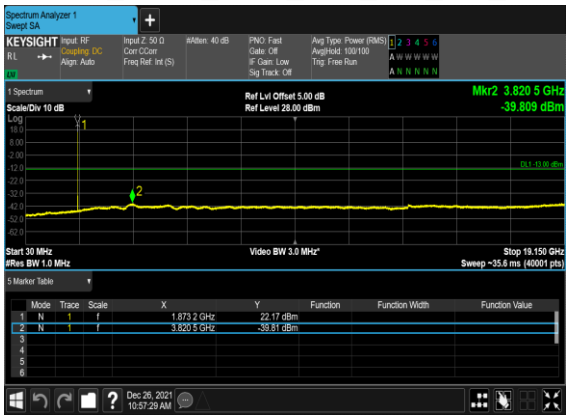
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



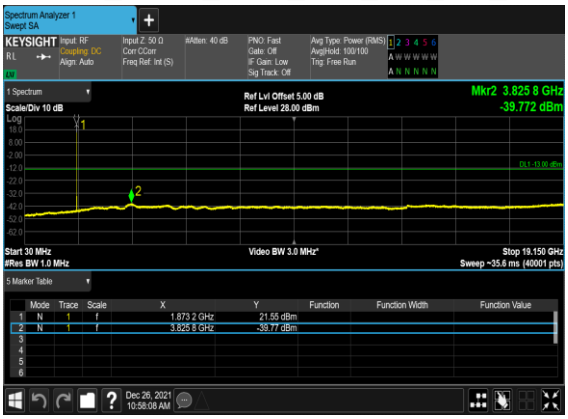
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



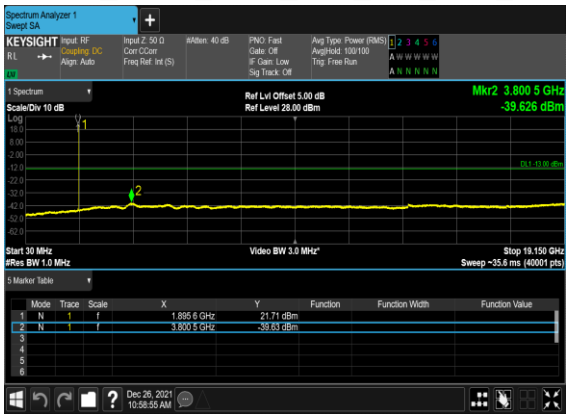
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



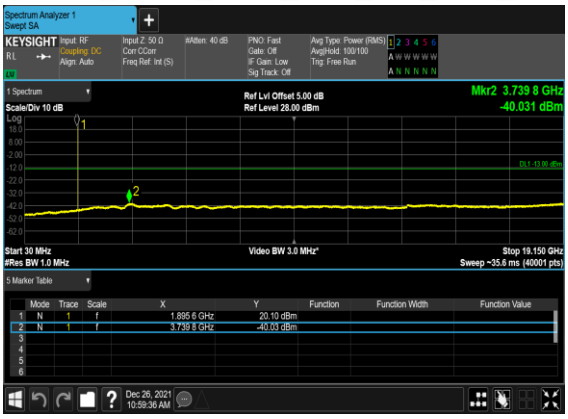
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



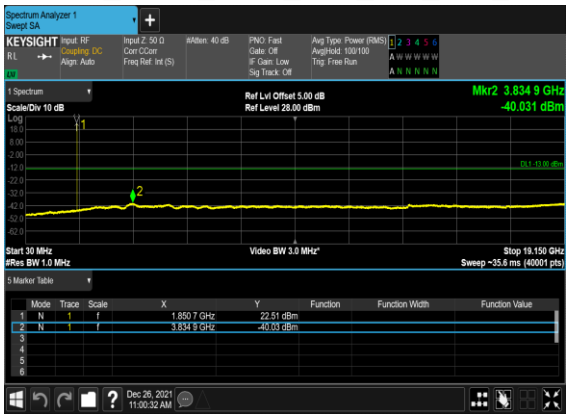
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



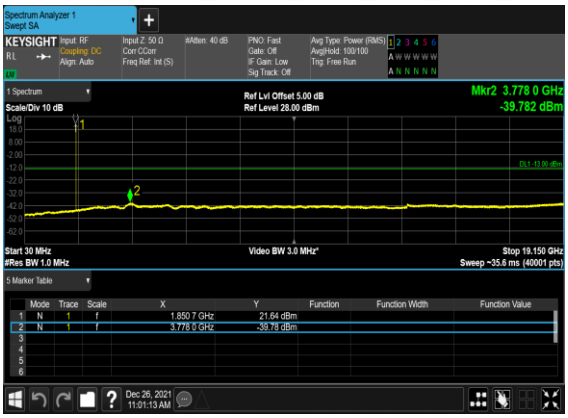
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



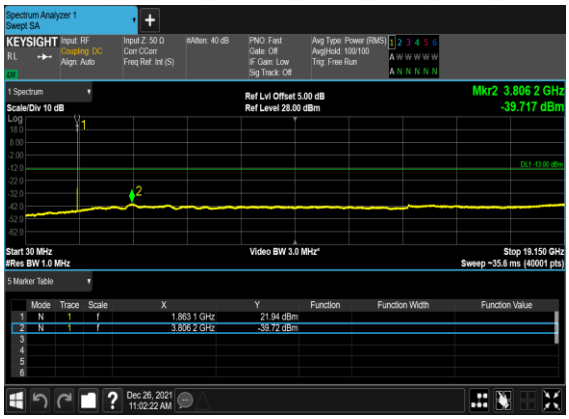
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



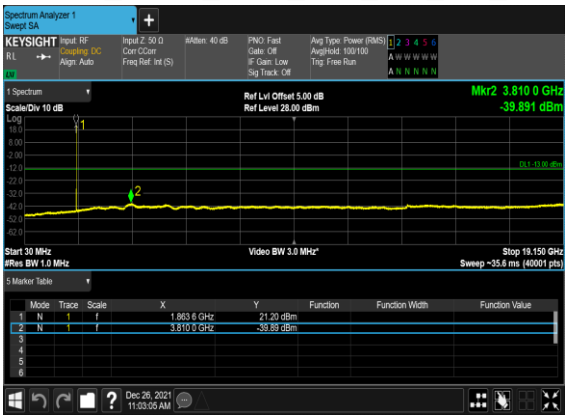
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



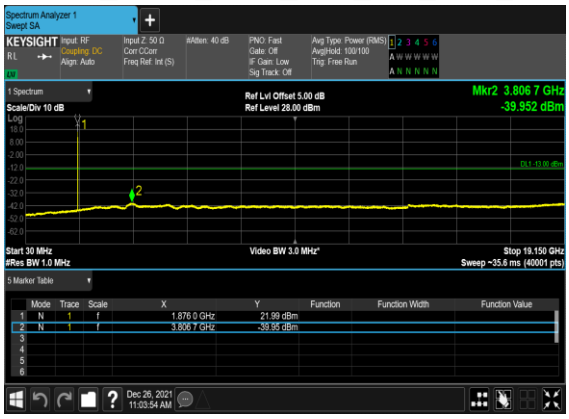
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



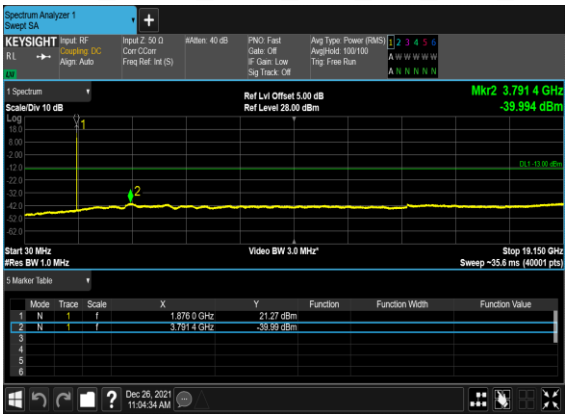
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

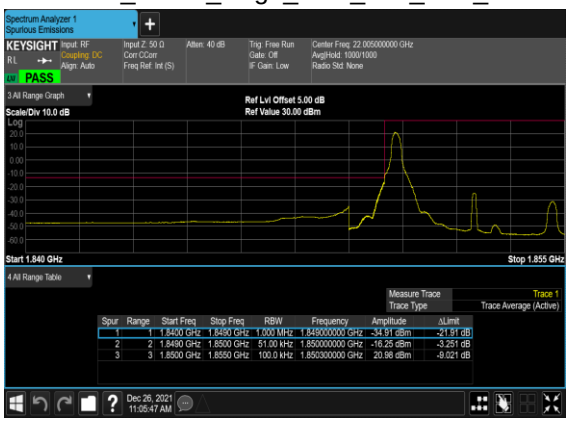


Conducted Band Edge

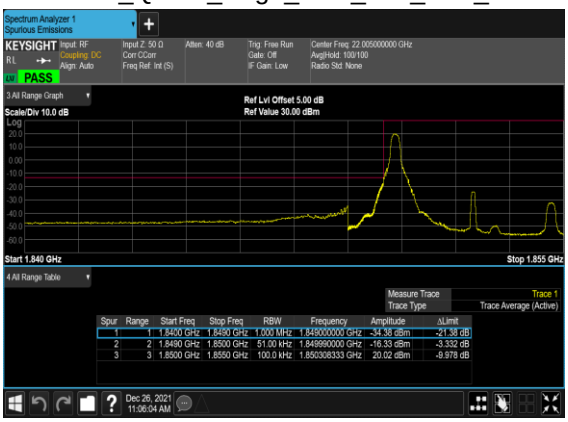
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	386500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	5	386500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
25	15	5	398500	1912.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
25	15	5	398500	1912.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
25	15	20	388000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	20	388000	1860.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
25	15	20	397000	1905.0	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
25	15	20	397000	1905.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
25	15	40	390000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	40	390000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	40	390000	1870.0	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
25	15	40	390000	1870.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**
25	15	40	395000	1895.0	DFT-s-OFDM BPSK	1@215	see graph	**PASS**
25	15	40	395000	1895.0	DFT-s-OFDM QPSK	1@215	see graph	**PASS**

25	15	40	395000	1895.0	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
25	15	40	395000	1895.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**

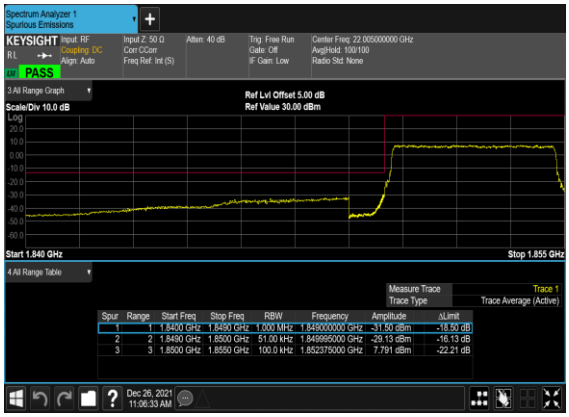
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



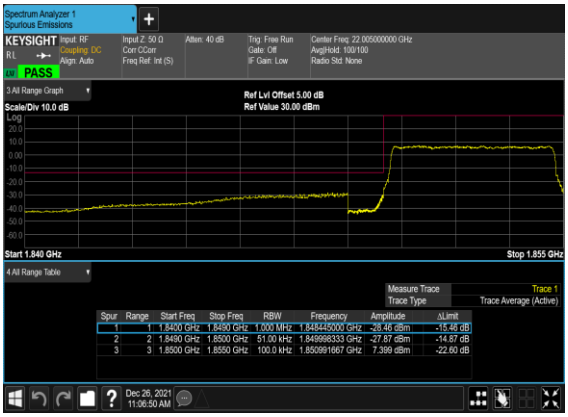
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



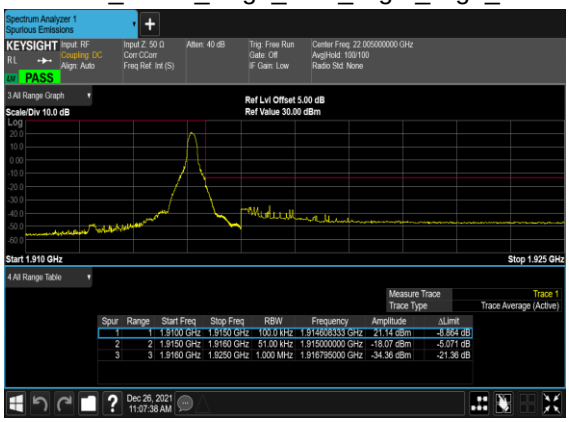
N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH