

RF TEST REPORT

Applicant	Smawave Technology Co. ,Ltd
FCC ID	2AU8HSRL620
Product	5G ODU_NA
Brand	Smawave
Model	SRL620
Report No.	R2408A1140-R2V2
Issue Date	November 22, 2024

Eurofins TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 2 (2023)/ FCC CFR 47 Part 24E (2023)**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Prepared by: Xu Ying

Approved by: Xu Kai

Eurofins TA Technology (Shanghai) Co., Ltd.

Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China

TEL: +86-021-50791141/2/3

FAX: +86-021-50791141/2/3-8000

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Version	Revision Description	Issue Date
Rev.0	Initial issue of report.	November 21, 2024
Rev.1	Update description.	November 22, 2024
Rev.2	Update information.	November 22, 2024
Note: This revised report (Report No.: R2408A1140-R2V2) supersedes and replaces the previously issued report (Report No.: R2408A1140-R2V1). Please discard or destroy the previously issued report and dispose of it accordingly.		

Summary of measurement results

No.	Test Case	Clause in FCC rules	Verdict
1	RF Power Output and Effective Isotropic Radiated Power	24.232(a) (2)	PASS
2	Radiated Spurious Emission	2.1053 / 24.238(a)	PASS
3	Occupied Bandwidth	Refer to the Module report (Report No.: 2303RSU050-U2 / 2303RSU050-U7)	
4	Band Edge Compliance		
5	Peak-to-Average Power Ratio		
6	Frequency Stability		
7	Spurious Emissions at Antenna Terminals		
Date of Testing: September 6, 2024 ~ October 14, 2024			
Date of Sample Received: August 19, 2024			
Note: PASS: The EUT complies with the essential requirements in the standard.			
FAIL: The EUT does not comply with the essential requirements in the standard.			
All indications of Pass/Fail in this report are opinions expressed by Eurofins TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.			

Only Radiated Spurious Emission is tested for SRL620 in this report, and because of the change of antenna gain, Effective Isotropic Radiated Power also re evaluated. Other test items refer to the Module report (Report No.: 2303RSU050-U2 / 2303RSU050-U7, FCC ID: XMR2023RG520NNA, Grant date: 05/07/2023).

1. Test Laboratory

1.1. Notes of the test report

This report shall not be reproduced in full or partial, without the written approval of **Eurofins TA Technology (Shanghai) Co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

1.2. Test facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

A2LA (Certificate Number: 3857.01)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform measurement.

1.3. Testing Location

Company: Eurofins TA Technology (Shanghai) Co., Ltd.
Address: Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China
City: Shanghai
Post code: 201201
Country: P. R. China
Contact: Xu Kai
Telephone: +86-021-50791141/2/3
Fax: +86-021-50791141/2/3-8000
Website: <https://www.eurofins.com/electrical-and-electronics>
E-mail: Kain.Xu@cpt.eurofinscn.com

2. General Description of Equipment under Test

2.1. Applicant and Manufacturer Information

Applicant	Smawave Technology Co. ,Ltd
Applicant address	2/F, Building 8, 1001 North Qinzhou Road, Xuhui District, Shanghai, China
Manufacturer	Smawave Technology Co. ,Ltd
Manufacturer address	2/F, Building 8, 1001 North Qinzhou Road, Xuhui District, Shanghai, China

2.2. General information

EUT Description			
Model	SRL620		
Lab internal SN	R2408A1140/S01		
Hardware Version	V1.0		
Software Version	SQA2090_V1.1.4-NA		
Power Supply	AC adapter		
Antenna Type	Internal Antenna		
Antenna Gain	LTE Band 2/ NR Band n2:	5.5 dBi	
	LTE Band 25 / NR Band n25:	5.5 dBi	
Test Mode(s)	LTE Band 2/25; NR Band n2/n25 CA_2C		
Test Modulation	(LTE) QPSK, 16QAM, 64QAM, 256QAM; (NR) CP-OFDM: QPSK, 16QAM, 64QAM, 256QAM; DFT-s OFDM: PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM		
LTE Release	16		
Maximum E.I.R.P	LTE Band 2/25:	26.81 dBm/MHz	
	NR Band n2:	22.25 dBm/MHz	
	NR Band n25:	21.12 dBm/MHz	
	CA_2C:	15.08 dBm/MHz	
Rated Power Supply Voltage	52 V		
Operating Voltage	Minimum: 50.5 V Maximum: 53.5 V		
Operating Temperature	Lowest: -30°C Highest: +55°C		
Operating Frequency Range(s)	Band	Tx (MHz)	Rx (MHz)
	LTE Band 2	1850 ~ 1910	1930 ~ 1990
	LTE Band 25	1850 ~ 1915	1930 ~ 1995
	NR Band n2	1850 ~ 1910	1930 ~ 1990
	NR Band n25	1850 ~ 1915	1930 ~ 1995

EUT Accessory	
POE Adapter 1	Manufacturer: SHENZHEN TOPOW ELECTRONICS CO., LTD Model: TPT15S54A-PSE
POE Adapter 2	Manufacturer: SHENZHEN TOPOW ELECTRONICS CO., LTD. Model: TPT26S52A-PSE
Note: 1. The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant. 2. There is more than one POE Adapter, each one should be applied throughout the compliance test respectively, and however, only the worst case (POE Adapter 1) will be recorded in this report.	

3. Applied Standards

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

Test standards:

FCC CFR 47 Part 24E (2023)

FCC CFR47 Part 2 (2023)

Reference standard:

ANSI C63.26-2015

KDB 971168 D01 Power Meas License Digital Systems v03r01

4. Test Configuration

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes. EUT stand-up position (Z axis), lie-down position (X, Y axis). Receiver antenna polarization (horizontal and vertical), the worst emission was found in position (LTE/CA: Y axis, horizontal polarization; NR: Y axis, vertical polarization) and the worst case was recorded.

5. Test Case

5.1. RF Power Output and Effective Isotropic Radiated Power

Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Methods of Measurement

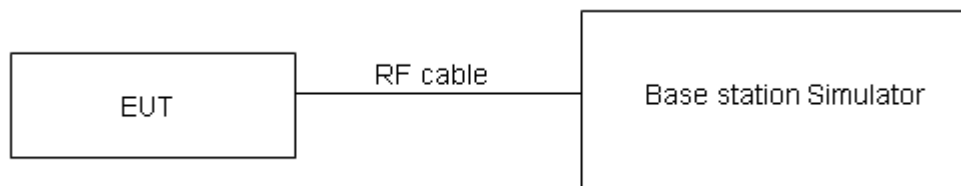
During the process of the testing, The EUT was connected to the Base Station Simulator with a known loss. The EUT is controlled by the Base Station Simulator test set to ensure max power transmission with proper modulation.

ERP can then be calculated as follows:

$\text{EIRP (dBm)} = \text{Output Power (dBm)} + \text{Antenna Gain (dBi)}$

$\text{EIRP (dBm)} = \text{ERP (dBm)} + 2.15 \text{ (dB.)}$

Test Setup



Limits

Rule Part 24.232(a) (2) Base stations with an emission bandwidth greater than 1 MHz are limited to 1640 watts/MHz equivalent isotropically radiated power (EIRP) with an antenna height up to 300 meters HAAT, except as described in paragraph (b) below.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 2$, $U = 0.4 \text{ dB}$ for RF power output, $k = 2$, $U = 1.19 \text{ dB}$ for EIRP.

Test Results

Refer to the section 6.1 of this report for test data.

5.2. Radiated Spurious Emission

Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Method of Measurement

1. The testing follows FCC KDB 971168 v03r01 Section 5.8 and ANSI C63.26-2015.
2. Below 1GHz: The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H). Above 1GHz: (Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.) The EUT is placed on a turntable 1.5 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).
3. A loop antenna, A log-periodic antenna or horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
4. The EUT is then put into continuously transmitting mode at its maximum power level during the test. Set Test Receiver or Spectrum RBW=1MHz, VBW=3MHz, and the maximum value of the receiver should be recorded as (Pr).
5. The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.
6. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (Pcl) ,the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.
7. The measurement results are obtained as described below:

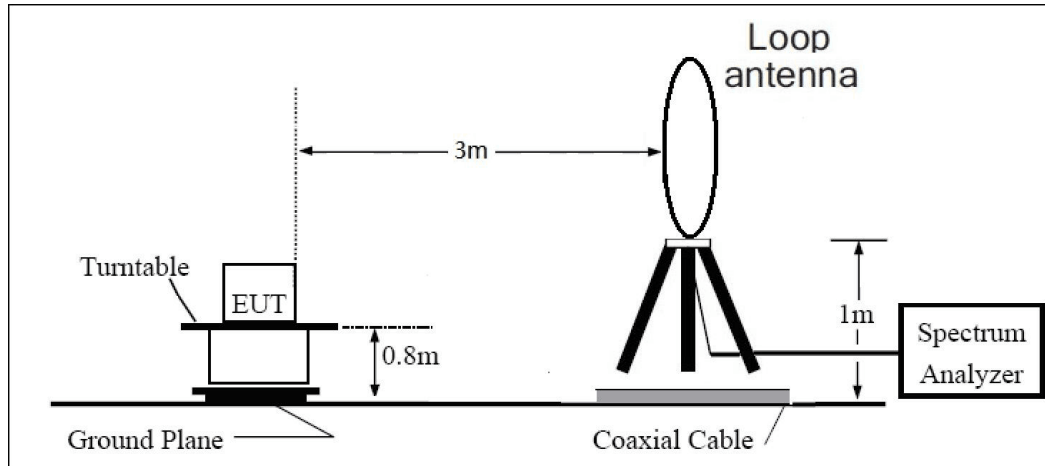
$$\text{Power(EIRP)} = \text{PMea} - \text{PAg} - \text{Pcl} + \text{Ga}$$
The measurement results are amend as described below:

$$\text{Power(EIRP)} = \text{PMea} - \text{Pcl} + \text{Ga}$$
8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dB) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, $\text{ERP} = \text{EIRP} - 2.15\text{dB}$.

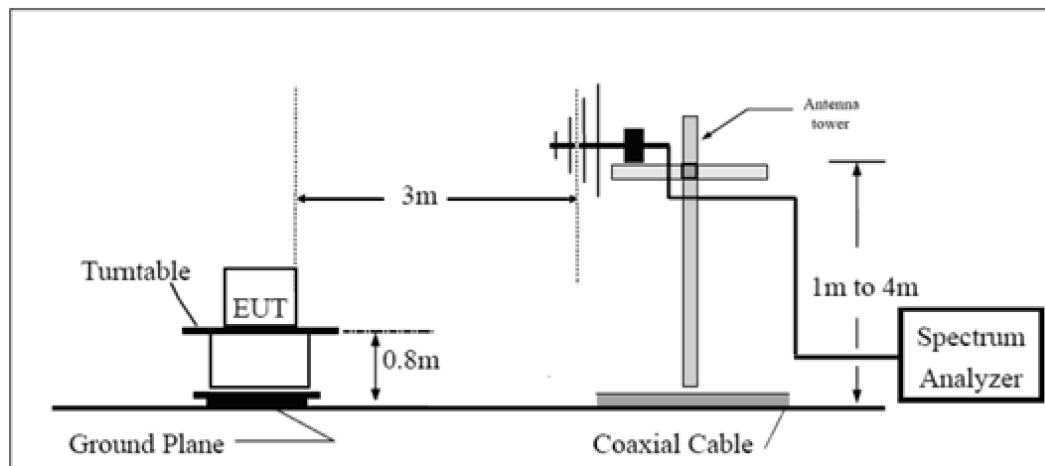
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test setup

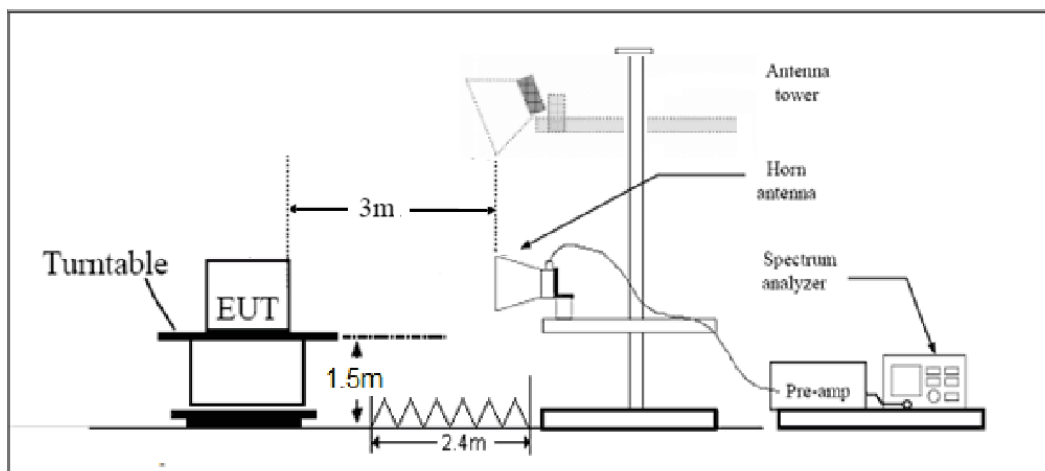
9KHz~ 30MHz



30MHz~ 1GHz



Above 1GHz



Note: Area side: 2.4mX3.6m

Limits

Rule Part 24.238(a) specifies that “on any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10} (P)$ dB.”

Limit	-13 dBm
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Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 1.96$, $U = 3.55$ dB.

Test Results

Refer to the section 6.2 of this report for test data.

6. Test Results

6.1.RF Power Output and Effective Isotropic Radiated Power

LTE Band 2/25						
Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm/MHz)	EIRP (W/MHz)
QPSK						
1850.70	1.4	6	0	22.58	26.62	0.46
1882.50	1.4	6	0	22.77	26.81	0.48
1914.30	1.4	6	0	22.69	26.73	0.47
1851.50	3	15	0	22.69	23.42	0.22
1882.50	3	15	0	22.56	23.29	0.21
1923.50	3	15	0	22.71	23.44	0.22
1852.50	5	25	0	22.59	21.10	0.13
1882.50	5	25	0	22.70	21.21	0.13
1912.50	5	25	0	22.74	21.25	0.13
1855.00	10	50	0	22.67	18.17	0.07
1882.50	10	50	0	22.70	18.20	0.07
1910.00	10	50	0	22.78	18.28	0.07
1857.50	15	75	0	22.57	16.31	0.04
1882.50	15	75	0	22.74	16.48	0.04
1907.50	15	75	0	22.57	16.31	0.04
1860.00	20	100	0	22.58	15.07	0.03
1882.50	20	100	0	22.63	15.12	0.03
1905.00	20	100	0	22.68	15.17	0.03
16QAM						
1850.70	1.4	6	0	21.54	25.58	0.36
1882.50	1.4	6	0	21.71	25.75	0.38
1914.30	1.4	6	0	21.56	25.60	0.36
1851.50	3	15	0	21.56	22.29	0.17
1882.50	3	15	0	21.59	22.32	0.17
1913.50	3	15	0	21.71	22.44	0.18
1852.50	5	25	0	21.67	20.18	0.10
1882.50	5	25	0	21.65	20.16	0.10
1912.50	5	25	0	21.76	20.27	0.11
1855.00	10	50	0	21.68	17.18	0.05
1882.50	10	50	0	21.71	17.21	0.05
1910.00	10	50	0	21.82	17.32	0.05
1857.50	15	75	0	21.66	15.40	0.03
1882.50	15	75	0	21.65	15.39	0.03

1907.50	15	75	0	21.69	15.43	0.03
1860.00	20	100	0	21.64	14.13	0.03
1882.50	20	100	0	21.66	14.15	0.03
1905.00	20	100	0	21.71	14.20	0.03
64QAM						
1850.70	1.4	6	0	20.52	24.56	0.29
1882.50	1.4	6	0	20.63	24.67	0.29
1914.30	1.4	6	0	20.53	24.57	0.29
1851.50	3	15	0	20.58	21.31	0.14
1882.50	3	15	0	20.66	21.39	0.14
1913.50	3	15	0	20.62	21.35	0.14
1852.50	5	25	0	20.56	19.07	0.08
1882.50	5	25	0	20.58	19.09	0.08
1912.50	5	25	0	20.61	19.12	0.08
1855.00	10	50	0	20.59	16.09	0.04
1882.50	10	50	0	20.73	16.23	0.04
1910.00	10	50	0	20.68	16.18	0.04
1857.50	15	75	0	20.44	14.18	0.03
1882.50	15	75	0	20.66	14.40	0.03
1907.50	15	75	0	20.51	14.25	0.03
1860.00	20	100	0	20.56	13.05	0.02
1882.50	20	100	0	20.53	13.02	0.02
1905.00	20	100	0	20.59	13.08	0.02
256QAM						
1850.70	1.4	6	0	18.57	22.61	0.18
1882.50	1.4	6	0	18.70	22.74	0.19
1914.30	1.4	6	0	18.49	22.53	0.18
1851.50	3	15	0	18.53	19.26	0.08
1882.50	3	15	0	18.59	19.32	0.09
1913.50	3	15	0	18.58	19.31	0.09
1852.50	5	25	0	18.58	17.09	0.05
1882.50	5	25	0	18.63	17.14	0.05
1912.50	5	25	0	18.62	17.13	0.05
1855.00	10	50	0	18.69	14.19	0.03
1882.50	10	50	0	18.69	14.19	0.03
1910.00	10	50	0	18.65	14.15	0.03
1857.50	15	75	0	18.52	12.26	0.02
1882.50	15	75	0	18.54	12.28	0.02
1907.50	15	75	0	18.61	12.35	0.02
1860.00	20	100	0	18.54	11.03	0.01
1882.50	20	100	0	18.54	11.03	0.01
1905.00	20	100	0	18.61	11.10	0.01

Intra-Band CA_2C								
Frequency (MHz)		Channel Bandwidth (MHz)	Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm/MHz)	EIRP (W/MHz)
PCC	SCC							
QPSK								
1860.0	1879.8	20+20	40	P_1@0	S_0@0	23.23	12.71	0.02
1870.1	1889.9		40			23.27	12.75	0.02
1880.2	1900.0		40			23.23	12.71	0.02
1860.0	1879.8		40	P_1@49	S_0@0	23.31	12.79	0.02
1870.1	1889.9		40			23.23	12.71	0.02
1880.2	1900.0		40			23.28	12.76	0.02
1860.0	1879.8		40	P_1@99	S_0@0	23.19	12.67	0.02
1870.1	1889.9		40			23.36	12.84	0.02
1880.2	1900.0		40			23.25	12.73	0.02
1860.0	1879.8		40	P_100@0	S_10@0	22.24	11.72	0.01
1870.1	1889.9		40			22.31	11.79	0.02
1880.2	1900.0		40			22.27	11.75	0.01
1860.0	1877.1	20+15	35	P_1@0	S_0@0	23.24	13.30	0.02
1872.6	1889.7		35			23.29	13.35	0.02
1885.1	1902.2		35			23.27	13.33	0.02
1860.0	1877.1		35	P_1@49	S_0@0	23.28	13.34	0.02
1872.6	1889.7		35			23.32	13.38	0.02
1885.1	1902.2		35			23.34	13.40	0.02
1860.0	1877.1		35	P_1@99	S_0@0	23.29	13.35	0.02
1872.6	1889.7		35			23.26	13.32	0.02
1885.1	1902.2		35			23.14	13.20	0.02
1860.0	1877.1		35	P_100@0	S_75@0	22.24	12.30	0.02
1872.6	1889.7		35			22.29	12.35	0.02
1885.1	1902.2		35			22.28	12.34	0.02
1857.8	1874.9	15+20	35	P_1@0	S_0@0	23.47	13.53	0.02
1870.3	1887.4		35			23.34	13.40	0.02
1882.9	1900.0		35			23.27	13.33	0.02
1857.8	1874.9		35	P_1@38	S_0@0	23.31	13.37	0.02
1870.3	1887.4		35			23.29	13.35	0.02
1882.9	1900.0		35			23.32	13.38	0.02
1857.8	1874.9		35	P_1@74	S_0@0	23.20	13.26	0.02
1870.3	1887.4		35			23.23	13.29	0.02
1882.9	1900.0		35			23.22	13.28	0.02
1857.8	1874.9		35	P_75@0	S_100@0	22.27	12.33	0.02
1870.3	1887.4		35			22.31	12.37	0.02
1882.9	1900.0		35			22.29	12.35	0.02
1860.0	1874.4	20+10	30	P_1@0	S_0@0	23.33	14.06	0.03
1875.1	1889.5		30			23.26	13.99	0.03

1890.1	1904.5		30			23.41	14.14	0.03
1860.0	1874.4		30	P_1@49	S_0@0	23.36	14.09	0.03
1875.1	1889.5		30			23.34	14.07	0.03
1890.1	1904.5		30			23.35	14.08	0.03
1860.0	1874.4		30	P_1@99	S_0@0	23.31	14.04	0.03
1875.1	1889.5		30			23.10	13.83	0.02
1890.1	1904.5		30			23.32	14.05	0.03
1860.0	1874.4		30	P_100@0	S_50@0	22.26	12.99	0.02
1875.1	1889.5		30			22.27	13.00	0.02
1890.1	1904.5		30			22.30	13.03	0.02
1855.5	1869.9	10+20	30	P_1@0	S_0@0	23.55	14.28	0.03
1870.6	1885.0		30			23.54	14.27	0.03
1885.6	1900.0		30			23.32	14.05	0.03
1855.5	1869.9		30	P_1@25	S_0@0	23.58	14.31	0.03
1870.6	1885.0		30			23.48	14.21	0.03
1885.6	1900.0		30			23.40	14.13	0.03
1855.5	1869.9		30	P_1@49	S_0@0	23.42	14.15	0.03
1870.6	1885.0		30			23.54	14.27	0.03
1885.6	1900.0		30			23.31	14.04	0.03
1855.5	1869.9		30	P_50@0	S_100@0	22.29	13.02	0.02
1870.6	1885.0		30			22.33	13.06	0.02
1885.6	1900.0		30			22.32	13.05	0.02
1860.0	1871.7	20+5	25	P_1@0	S_0@0	22.27	13.79	0.02
1877.5	1889.2		25			23.32	14.84	0.03
1895.0	1906.7		25			23.39	14.91	0.03
1860.0	1871.7		25	P_1@49	S_0@0	23.37	14.89	0.03
1877.5	1889.2		25			23.45	14.97	0.03
1895.0	1906.7		25			23.51	15.03	0.03
1860.0	1871.7		25	P_1@99	S_0@0	23.37	14.89	0.03
1877.5	1889.2		25			23.47	14.99	0.03
1895.0	1906.7		25			23.35	14.87	0.03
1860.0	1871.7		25	P_100@	S_25@0	23.22	14.74	0.03
1877.5	1889.2		25			22.29	13.81	0.02
1895.0	1906.7		25			22.34	13.86	0.02
1853.3	1865.0	5+20	25	P_1@0	S_0@0	23.54	15.06	0.03
1870.8	1882.5		25			23.46	14.98	0.03
1888.3	1900.0		25			23.53	15.05	0.03
1853.3	1865.0		25	P_1@13	S_0@0	23.52	15.04	0.03
1870.8	1882.5		25			23.56	15.08	0.03
1888.3	1900.0		25			23.53	15.05	0.03
1853.3	1865.0		25	P_1@24	S_0@0	23.46	14.98	0.03
1870.8	1882.5		25			23.49	15.01	0.03
1888.3	1900.0		25			23.45	14.97	0.03

1853.3	1865.0		25	P_25@0	S_100@0	22.31	13.83	0.02
1870.8	1882.5		25			22.35	13.87	0.02
1888.3	1900.0		25			23.54	15.06	0.03
1857.5	1904.5	15+15	30	P_1@0	S_0@0	23.37	14.10	0.03
1872.5	1872.5		30			23.26	13.99	0.03
1887.5	1887.5		30			23.25	13.98	0.02
1857.5	1902.5		30	P_1@38	S_0@0	23.35	14.08	0.03
1872.5	1872.5		30			23.24	13.97	0.02
1887.5	1887.5		30			23.22	13.95	0.02
1857.5	1902.5		30	P_1@74	S_0@0	23.31	14.04	0.03
1872.5	1872.5		30			23.23	13.96	0.02
1887.5	1887.5		30			23.14	13.87	0.02
1857.5	1902.5		30	P_75@0	S_75@0	22.26	12.99	0.02
1872.5	1872.5		30			22.20	12.93	0.02
1887.5	1887.5		30			22.17	12.90	0.02
1855.3	1867.3	10+15	25	P_1@0	S_0@0	23.44	14.96	0.03
1872.9	1884.9		25			23.43	14.95	0.03
1890.5	1902.5		25			23.36	14.88	0.03
1855.3	1867.3		25	P_1@25	S_0@0	23.35	14.87	0.03
1872.9	1884.9		25			23.43	14.95	0.03
1890.5	1902.5		25			23.45	14.97	0.03
1855.3	1867.3		25	P_1@49	S_0@0	23.49	15.01	0.03
1872.9	1884.9		25			23.42	14.94	0.03
1890.5	1902.5		25			23.38	14.90	0.03
1855.3	1867.3		25	P_50@0	S_75@0	22.30	13.82	0.02
1872.9	1884.9		25			22.26	13.78	0.02
1890.5	1902.5		25			22.27	13.79	0.02
1857.5	1869.5	15+10	25	P_1@0	S_0@0	23.35	14.87	0.03
1875.1	1887.1		25			23.31	14.83	0.03
1892.7	1904.7		25			23.21	14.73	0.03
1857.5	1869.5		25	P_1@38	S_0@0	23.41	14.93	0.03
1875.1	1887.1		25			23.30	14.82	0.03
1892.7	1904.7		25			23.25	14.77	0.03
1857.5	1869.5		25	P_1@74	S_0@0	23.28	14.80	0.03
1875.1	1887.1		25			23.26	14.78	0.03
1892.7	1904.7		25			23.33	14.85	0.03
1857.5	1869.5		25	P_75@0	S_50@0	22.28	13.80	0.02
1875.1	1887.1		25			22.30	13.82	0.02
1892.7	1904.7		25			22.23	13.75	0.02
16QAM								
1860.0	1879.8	20+20	40	P_1@0	S_0@0	22.37	11.85	0.02
1870.1	1889.9		40			22.65	12.13	0.02
1880.2	1900.0		40			22.43	11.91	0.02

1860.0	1879.8		40	P_1@49	S_0@0	22.73	12.21	0.02
1870.1	1889.9		40			22.51	11.99	0.02
1880.2	1900.0		40			22.78	12.26	0.02
1860.0	1879.8		40	P_1@99	S_0@0	22.56	12.04	0.02
1870.1	1889.9		40			22.37	11.85	0.02
1880.2	1900.0		40			21.30	10.78	0.01
1860.0	1879.8		40	P_100@0	S_10@0	21.32	10.80	0.01
1870.1	1889.9		40			21.25	10.73	0.01
1880.2	1900.0		40			22.37	11.85	0.02
1860.0	1877.1	20+15	35	P_1@0	S_0@0	22.46	12.52	0.02
1872.6	1889.7		35			22.64	12.70	0.02
1885.1	1902.2		35			22.39	12.45	0.02
1860.0	1877.1		35	P_1@49	S_0@0	22.47	12.53	0.02
1872.6	1889.7		35			22.66	12.72	0.02
1885.1	1902.2		35			22.53	12.59	0.02
1860.0	1877.1		35	P_1@99	S_0@0	22.40	12.46	0.02
1872.6	1889.7		35			22.77	12.83	0.02
1885.1	1902.2		35			21.26	11.32	0.01
1860.0	1877.1		35	P_100@0	S_75@0	21.29	11.35	0.01
1872.6	1889.7		35			21.25	11.31	0.01
1885.1	1902.2		35			22.53	12.59	0.02
1857.8	1874.9	15+20	35	P_1@0	S_0@0	22.65	12.71	0.02
1870.3	1887.4		35			22.42	12.48	0.02
1882.9	1900.0		35			22.47	12.53	0.02
1857.8	1874.9		35	P_1@38	S_0@0	22.56	12.62	0.02
1870.3	1887.4		35			22.49	12.55	0.02
1882.9	1900.0		35			22.52	12.58	0.02
1857.8	1874.9		35	P_1@74	S_0@0	22.56	12.62	0.02
1870.3	1887.4		35			22.55	12.61	0.02
1882.9	1900.0		35			22.42	12.48	0.02
1857.8	1874.9		35	P_75@0	S_100@0	21.25	11.31	0.01
1870.3	1887.4		35			21.30	11.36	0.01
1882.9	1900.0		35			21.29	11.35	0.01
1860.0	1874.4	20+10	30	P_1@0	S_0@0	22.61	13.34	0.02
1875.1	1889.5		30			22.57	13.30	0.02
1890.1	1904.5		30			22.64	13.37	0.02
1860.0	1874.4		30	P_1@49	S_0@0	22.73	13.46	0.02
1875.1	1889.5		30			22.44	13.17	0.02
1890.1	1904.5		30			22.63	13.36	0.02
1860.0	1874.4		30	P_1@99	S_0@0	22.73	13.46	0.02
1875.1	1889.5		30			22.54	13.27	0.02
1890.1	1904.5		30			22.37	13.10	0.02
1860.0	1874.4		30	P_100@0	S_50@0	21.30	12.03	0.02

1875.1	1889.5		30			21.31	12.04	0.02
1890.1	1904.5		30			21.26	11.99	0.02
1855.5	1869.9	10+20	30	P_1@0	S_0@0	22.77	13.50	0.02
1870.6	1885.0		30			22.79	13.52	0.02
1885.6	1900.0		30			22.64	13.37	0.02
1855.5	1869.9		30	P_1@25	S_0@0	22.64	13.37	0.02
1870.6	1885.0		30			22.65	13.38	0.02
1885.6	1900.0		30			22.72	13.45	0.02
1855.5	1869.9		30	P_1@49	S_0@0	22.64	13.37	0.02
1870.6	1885.0		30			22.74	13.47	0.02
1885.6	1900.0		30			22.59	13.32	0.02
1855.5	1869.9		30	P_50@0	S_100@0	21.23	11.96	0.02
1870.6	1885.0		30			21.34	12.07	0.02
1885.6	1900.0		30			21.26	11.99	0.02
1860.0	1871.7	20+5	25	P_1@0	S_0@0	22.57	14.09	0.03
1877.5	1889.2		25			22.59	14.11	0.03
1895.0	1906.7		25			22.71	14.23	0.03
1860.0	1871.7		25	P_1@49	S_0@0	22.58	14.10	0.03
1877.5	1889.2		25			22.81	14.33	0.03
1895.0	1906.7		25			22.71	14.23	0.03
1860.0	1871.7		25	P_1@99	S_0@0	22.75	14.27	0.03
1877.5	1889.2		25			22.42	13.94	0.02
1895.0	1906.7		25			22.65	14.17	0.03
1860.0	1871.7		25	P_100@	S_25@0	21.35	12.87	0.02
1877.5	1889.2		25			21.33	12.85	0.02
1895.0	1906.7		25			21.27	12.79	0.02
1853.3	1865.0	5+20	25	P_1@0	S_0@0	22.68	14.20	0.03
1870.8	1882.5		25			22.72	14.24	0.03
1888.3	1900.0		25			22.85	14.37	0.03
1853.3	1865.0		25	P_1@13	S_0@0	22.69	14.21	0.03
1870.8	1882.5		25			22.88	14.40	0.03
1888.3	1900.0		25			22.76	14.28	0.03
1853.3	1865.0		25	P_1@24	S_0@0	22.76	14.28	0.03
1870.8	1882.5		25			22.62	14.14	0.03
1888.3	1900.0		25			22.83	14.35	0.03
1853.3	1865.0		25	P_25@0	S_100@0	21.36	12.88	0.02
1870.8	1882.5		25			21.35	12.87	0.02
1888.3	1900.0		25			21.31	12.83	0.02
1857.5	1904.5	15+15	30	P_1@0	S_0@0	22.56	13.29	0.02
1872.5	1872.5		30			22.49	13.22	0.02
1887.5	1887.5		30			22.58	13.31	0.02
1857.5	1902.5		30	P_1@38	S_0@0	22.54	13.27	0.02
1872.5	1872.5		30			22.56	13.29	0.02

1887.5	1887.5		30	P_1@74	S_0@0	22.47	13.20	0.02	
1857.5	1902.5		30			22.59	13.32	0.02	
1872.5	1872.5		30			22.41	13.14	0.02	
1887.5	1887.5		30			22.43	13.16	0.02	
1857.5	1902.5		30	P_75@0	S_75@0	21.28	12.01	0.02	
1872.5	1872.5		30			21.21	11.94	0.02	
1887.5	1887.5		30			21.18	11.91	0.02	
1855.3	1867.3		10+15	25	P_1@0	S_0@0	22.47	13.99	0.03
1872.9	1884.9			25			22.56	14.08	0.03
1890.5	1902.5	25		22.61			14.13	0.03	
1855.3	1867.3	25		P_1@25	S_0@0	22.63	14.15	0.03	
1872.9	1884.9	25				22.66	14.18	0.03	
1890.5	1902.5	25				22.57	14.09	0.03	
1855.3	1867.3	25		P_1@49	S_0@0	22.74	14.26	0.03	
1872.9	1884.9	25				22.75	14.27	0.03	
1890.5	1902.5	25				22.49	14.01	0.03	
1855.3	1867.3	25		P_50@0	S_75@0	21.31	12.83	0.02	
1872.9	1884.9	25				21.30	12.82	0.02	
1890.5	1902.5	25				21.29	12.81	0.02	
1857.5	1869.5	15+10	25	P_1@0	S_0@0	22.67	14.19	0.03	
1875.1	1887.1		25			22.75	14.27	0.03	
1892.7	1904.7		25			22.61	14.13	0.03	
1857.5	1869.5		25	P_1@38	S_0@0	22.66	14.18	0.03	
1875.1	1887.1		25			22.52	14.04	0.03	
1892.7	1904.7		25			22.56	14.08	0.03	
1857.5	1869.5		25	P_1@74	S_0@0	22.41	13.93	0.02	
1875.1	1887.1		25			22.54	14.06	0.03	
1892.7	1904.7		25			22.48	14.00	0.03	
1857.5	1869.5		25	P_75@0	S_50@0	21.27	12.79	0.02	
1875.1	1887.1		25			21.31	12.83	0.02	
1892.7	1904.7		25			21.24	12.76	0.02	
64QAM									
1860.0	1879.8	20+20	40	P_1@0	S_0@0	21.56	11.04	0.01	
1870.1	1889.9		40			21.43	10.91	0.01	
1880.2	1900.0		40			21.46	10.94	0.01	
1860.0	1879.8		40	P_1@49	S_0@0	21.59	11.07	0.01	
1870.1	1889.9		40			21.55	11.03	0.01	
1880.2	1900.0		40			21.43	10.91	0.01	
1860.0	1879.8		40	P_1@99	S_0@0	21.68	11.16	0.01	
1870.1	1889.9		40			21.62	11.10	0.01	
1880.2	1900.0		40			21.41	10.89	0.01	
1860.0	1879.8		40	P_100@0	S_10@0	21.21	10.69	0.01	
1870.1	1889.9		40			21.31	10.79	0.01	

1880.2	1900.0		40			21.29	10.77	0.01
1860.0	1877.1	20+15	35	P_1@0	S_0@0	21.53	11.59	0.01
1872.6	1889.7		35			21.61	11.67	0.01
1885.1	1902.2		35			21.63	11.69	0.01
1860.0	1877.1		35	P_1@49	S_0@0	21.61	11.67	0.01
1872.6	1889.7		35			21.56	11.62	0.01
1885.1	1902.2		35			21.42	11.48	0.01
1860.0	1877.1		35	P_1@99	S_0@0	21.51	11.57	0.01
1872.6	1889.7		35			21.47	11.53	0.01
1885.1	1902.2		35			21.48	11.54	0.01
1860.0	1877.1		35	P_100@0	S_75@0	21.29	11.35	0.01
1872.6	1889.7		35			21.25	11.31	0.01
1885.1	1902.2		35			21.24	11.30	0.01
1857.8	1874.9	15+20	35	P_1@0	S_0@0	21.63	11.69	0.01
1870.3	1887.4		35			21.52	11.58	0.01
1882.9	1900.0		35			21.58	11.64	0.01
1857.8	1874.9		35	P_1@38	S_0@0	21.25	11.31	0.01
1870.3	1887.4		35			21.74	11.80	0.02
1882.9	1900.0		35			21.78	11.84	0.02
1857.8	1874.9		35	P_1@74	S_0@0	21.53	11.59	0.01
1870.3	1887.4		35			21.45	11.51	0.01
1882.9	1900.0		35			21.63	11.69	0.01
1857.8	1874.9		35	P_75@0	S_100@0	21.24	11.30	0.01
1870.3	1887.4		35			21.31	11.37	0.01
1882.9	1900.0		35			21.27	11.33	0.01
1860.0	1874.4	20+10	30	P_1@0	S_0@0	21.47	12.20	0.02
1875.1	1889.5		30			21.76	12.49	0.02
1890.1	1904.5		30			21.81	12.54	0.02
1860.0	1874.4		30	P_1@49	S_0@0	21.70	12.43	0.02
1875.1	1889.5		30			21.63	12.36	0.02
1890.1	1904.5		30			21.65	12.38	0.02
1860.0	1874.4		30	P_1@99	S_0@0	21.57	12.30	0.02
1875.1	1889.5		30			21.55	12.28	0.02
1890.1	1904.5		30			21.56	12.29	0.02
1860.0	1874.4		30	P_100@0	S_50@0	21.28	12.01	0.02
1875.1	1889.5		30			21.27	12.00	0.02
1890.1	1904.5		30			21.27	12.00	0.02
1855.5	1869.9	10+20	30	P_1@0	S_0@0	21.90	12.63	0.02
1870.6	1885.0		30			21.82	12.55	0.02
1885.6	1900.0		30			21.79	12.52	0.02
1855.5	1869.9		30	P_1@25	S_0@0	21.71	12.44	0.02
1870.6	1885.0		30			21.76	12.49	0.02
1885.6	1900.0		30			21.81	12.54	0.02

1855.5	1869.9		30	P_1@49	S_0@0	21.77	12.50	0.02
1870.6	1885.0		30			21.84	12.57	0.02
1885.6	1900.0		30			21.53	12.26	0.02
1855.5	1869.9		30	P_50@0	S_100@0	21.31	12.04	0.02
1870.6	1885.0		30			21.37	12.10	0.02
1885.6	1900.0		30			21.28	12.01	0.02
1860.0	1871.7	20+5	25	P_1@0	S_0@0	21.77	13.29	0.02
1877.5	1889.2		25			21.78	13.30	0.02
1895.0	1906.7		25			21.76	13.28	0.02
1860.0	1871.7		25	P_1@49	S_0@0	21.75	13.27	0.02
1877.5	1889.2		25			21.76	13.28	0.02
1895.0	1906.7		25			21.62	13.14	0.02
1860.0	1871.7		25	P_1@99	S_0@0	21.81	13.33	0.02
1877.5	1889.2		25			21.58	13.10	0.02
1895.0	1906.7		25			21.44	12.96	0.02
1860.0	1871.7		25	P_100@	S_25@0	21.33	12.85	0.02
1877.5	1889.2		25			21.35	12.87	0.02
1895.0	1906.7		25			21.26	12.78	0.02
1853.3	1865.0	5+20	25	P_1@0	S_0@0	21.74	13.26	0.02
1870.8	1882.5		25			21.86	13.38	0.02
1888.3	1900.0		25			21.73	13.25	0.02
1853.3	1865.0		25	P_1@13	S_0@0	22.82	14.34	0.03
1870.8	1882.5		25			21.72	13.24	0.02
1888.3	1900.0		25			21.90	13.42	0.02
1853.3	1865.0		25	P_1@24	S_0@0	21.86	13.38	0.02
1870.8	1882.5		25			21.69	13.21	0.02
1888.3	1900.0		25			21.57	13.09	0.02
1853.3	1865.0		25	P_25@0	S_100@0	21.33	12.85	0.02
1870.8	1882.5		25			21.39	12.91	0.02
1888.3	1900.0		25			21.32	12.84	0.02
1857.5	1904.5	15+15	30	P_1@0	S_0@0	21.64	12.37	0.02
1872.5	1872.5		30			21.67	12.40	0.02
1887.5	1887.5		30			21.68	12.41	0.02
1857.5	1902.5		30	P_1@38	S_0@0	21.55	12.28	0.02
1872.5	1872.5		30			21.39	12.12	0.02
1887.5	1887.5		30			21.50	12.23	0.02
1857.5	1902.5		30	P_1@74	S_0@0	21.63	12.36	0.02
1872.5	1872.5		30			21.67	12.40	0.02
1887.5	1887.5		30			21.54	12.27	0.02
1857.5	1902.5		30	P_75@0	S_75@0	21.16	11.89	0.02
1872.5	1872.5		30			21.22	11.95	0.02
1887.5	1887.5		30			21.17	11.90	0.02
1855.3	1867.3	10+15	25	P_1@0	S_0@0	21.73	13.25	0.02

1872.9	1884.9		25	P_1@25	S_0@0	21.65	13.17	0.02
1890.5	1902.5		25			21.62	13.14	0.02
1855.3	1867.3		25			21.74	13.26	0.02
1872.9	1884.9		25			21.68	13.20	0.02
1890.5	1902.5		25			21.78	13.30	0.02
1855.3	1867.3		25			21.76	13.28	0.02
1872.9	1884.9		25	P_1@49	S_0@0	21.78	13.30	0.02
1890.5	1902.5		25			21.63	13.15	0.02
1855.3	1867.3		25	P_50@0	S_75@0	21.28	12.80	0.02
1872.9	1884.9		25			21.27	12.79	0.02
1890.5	1902.5		25			21.27	12.79	0.02
1857.5	1869.5		15+10	25	P_1@0	S_0@0	21.77	13.29
1875.1	1887.1	25		21.58			13.10	0.02
1892.7	1904.7	25		21.65			13.17	0.02
1857.5	1869.5	25		P_1@38	S_0@0	21.84	13.36	0.02
1875.1	1887.1	25				21.65	13.17	0.02
1892.7	1904.7	25				21.54	13.06	0.02
1857.5	1869.5	25		P_1@74	S_0@0	21.82	13.34	0.02
1875.1	1887.1	25				21.69	13.21	0.02
1892.7	1904.7	25				21.64	13.16	0.02
1857.5	1869.5	25		P_75@0	S_50@0	21.32	12.84	0.02
1875.1	1887.1	25				21.28	12.80	0.02
1892.7	1904.7	25				21.22	12.74	0.02
256QAM								
1860.0	1879.8	20+20	40	P_1@0	S_0@0	18.75	8.23	0.01
1870.1	1889.9		40			18.67	8.15	0.01
1880.2	1900.0		40			18.73	8.21	0.01
1860.0	1879.8		40	P_1@49	S_0@0	18.57	8.05	0.01
1870.1	1889.9		40			18.58	8.06	0.01
1880.2	1900.0		40			18.64	8.12	0.01
1860.0	1879.8		40	P_1@99	S_0@0	18.61	8.09	0.01
1870.1	1889.9		40			18.64	8.12	0.01
1880.2	1900.0		40			18.27	7.75	0.01
1860.0	1879.8		40	P_100@0	S_10@0	19.30	8.78	0.01
1870.1	1889.9		40			19.29	8.77	0.01
1880.2	1900.0		40			19.27	8.75	0.01
1860.0	1877.1	20+15	35	P_1@0	S_0@0	18.65	8.71	0.01
1872.6	1889.7		35			18.76	8.82	0.01
1885.1	1902.2		35			18.88	8.94	0.01
1860.0	1877.1		35	P_1@49	S_0@0	18.56	8.62	0.01
1872.6	1889.7		35			18.82	8.88	0.01
1885.1	1902.2		35			18.72	8.78	0.01
1860.0	1877.1		35	P_1@99	S_0@0	18.64	8.70	0.01

1872.6	1889.7		35	P_100@0	S_75@0	18.44	8.50	0.01
1885.1	1902.2		35			18.53	8.59	0.01
1860.0	1877.1		35			19.27	9.33	0.01
1872.6	1889.7		35			19.28	9.34	0.01
1885.1	1902.2		35			19.24	9.30	0.01
1857.8	1874.9	15+20	35	P_1@0	S_0@0	18.74	8.80	0.01
1870.3	1887.4		35			18.79	8.85	0.01
1882.9	1900.0		35			18.87	8.93	0.01
1857.8	1874.9		35	P_1@38	S_0@0	18.37	8.43	0.01
1870.3	1887.4		35			18.66	8.72	0.01
1882.9	1900.0		35			18.72	8.78	0.01
1857.8	1874.9		35	P_1@74	S_0@0	18.54	8.60	0.01
1870.3	1887.4		35			18.78	8.84	0.01
1882.9	1900.0		35			18.66	8.72	0.01
1857.8	1874.9		35	P_75@0	S_100@0	19.34	9.40	0.01
1870.3	1887.4		35			19.33	9.39	0.01
1882.9	1900.0		35			19.24	9.30	0.01
1860.0	1874.4	20+10	30	P_1@0	S_0@0	18.85	9.58	0.01
1875.1	1889.5		30			18.94	9.67	0.01
1890.1	1904.5		30			19.07	9.80	0.01
1860.0	1874.4		30	P_1@49	S_0@0	18.18	8.91	0.01
1875.1	1889.5		30			18.76	9.49	0.01
1890.1	1904.5		30			18.91	9.64	0.01
1860.0	1874.4		30	P_1@99	S_0@0	18.62	9.35	0.01
1875.1	1889.5		30			18.55	9.28	0.01
1890.1	1904.5		30			18.52	9.25	0.01
1860.0	1874.4		30	P_100@0	S_50@0	19.32	10.05	0.01
1875.1	1889.5		30			19.34	10.07	0.01
1890.1	1904.5		30			19.26	9.99	0.01
1855.5	1869.9	10+20	30	P_1@0	S_0@0	18.85	9.58	0.01
1870.6	1885.0		30			18.71	9.44	0.01
1885.6	1900.0		30			18.87	9.60	0.01
1855.5	1869.9		30	P_1@25	S_0@0	18.64	9.37	0.01
1870.6	1885.0		30			18.87	9.60	0.01
1885.6	1900.0		30			18.76	9.49	0.01
1855.5	1869.9		30	P_1@49	S_0@0	18.95	9.68	0.01
1870.6	1885.0		30			18.71	9.44	0.01
1885.6	1900.0		30			18.73	9.46	0.01
1855.5	1869.9		30	P_50@0	S_100@0	19.30	10.03	0.01
1870.6	1885.0		30			19.34	10.07	0.01
1885.6	1900.0		30			19.28	10.01	0.01
1860.0	1871.7	20+5	25	P_1@0	S_0@0	18.68	10.20	0.01
1877.5	1889.2		25			18.83	10.35	0.01

1895.0	1906.7		25	P_1@49	S_0@0	18.85	10.37	0.01
1860.0	1871.7		25			18.79	10.31	0.01
1877.5	1889.2		25			18.94	10.46	0.01
1895.0	1906.7		25			18.91	10.43	0.01
1860.0	1871.7		25	P_1@99	S_0@0	18.86	10.38	0.01
1877.5	1889.2		25			18.69	10.21	0.01
1895.0	1906.7		25			18.61	10.13	0.01
1860.0	1871.7		25	P_100@	S_25@0	19.36	10.88	0.01
1877.5	1889.2		25			19.34	10.86	0.01
1895.0	1906.7		25			19.26	10.78	0.01
1853.3	1865.0	5+20	25	P_1@0	S_0@0	18.64	10.16	0.01
1870.8	1882.5		25			18.71	10.23	0.01
1888.3	1900.0		25			18.63	10.15	0.01
1853.3	1865.0		25	P_1@13	S_0@0	18.73	10.25	0.01
1870.8	1882.5		25			18.71	10.23	0.01
1888.3	1900.0		25			18.69	10.21	0.01
1853.3	1865.0		25	P_1@24	S_0@0	18.74	10.26	0.01
1870.8	1882.5		25			18.88	10.40	0.01
1888.3	1900.0		25			18.86	10.38	0.01
1853.3	1865.0		25	P_25@0	S_100@0	19.34	10.86	0.01
1870.8	1882.5		25			19.37	10.89	0.01
1888.3	1900.0		25			19.31	10.83	0.01
1857.5	1904.5	15+15	30	P_1@0	S_0@0	18.77	9.50	0.01
1872.5	1872.5		30			18.52	9.25	0.01
1887.5	1887.5		30			18.75	9.48	0.01
1857.5	1902.5		30	P_1@38	S_0@0	18.68	9.41	0.01
1872.5	1872.5		30			18.78	9.51	0.01
1887.5	1887.5		30			18.63	9.36	0.01
1857.5	1902.5		30	P_1@74	S_0@0	18.54	9.27	0.01
1872.5	1872.5		30			18.72	9.45	0.01
1887.5	1887.5		30			18.53	9.26	0.01
1857.5	1902.5		30	P_75@0	S_75@0	19.24	9.97	0.01
1872.5	1872.5		30			19.23	9.96	0.01
1887.5	1887.5		30			19.17	9.90	0.01
1855.3	1867.3	10+15	25	P_1@0	S_0@0	18.52	10.04	0.01
1872.9	1884.9		25			18.64	10.16	0.01
1890.5	1902.5		25			18.88	10.40	0.01
1855.3	1867.3		25	P_1@25	S_0@0	18.65	10.17	0.01
1872.9	1884.9		25			18.92	10.44	0.01
1890.5	1902.5		25			18.62	10.14	0.01
1855.3	1867.3		25	P_1@49	S_0@0	18.74	10.26	0.01
1872.9	1884.9		25			18.78	10.30	0.01
1890.5	1902.5		25			18.72	10.24	0.01

1855.3	1867.3		25	P_50@0	S_75@0	19.31	10.83	0.01
1872.9	1884.9		25			19.27	10.79	0.01
1890.5	1902.5		25			19.24	10.76	0.01
1857.5	1869.5	15+10	25	P_1@0	S_0@0	18.65	10.17	0.01
1875.1	1887.1		25			18.83	10.35	0.01
1892.7	1904.7		25			18.66	10.18	0.01
1857.5	1869.5		25	P_1@38	S_0@0	18.59	10.11	0.01
1875.1	1887.1		25			18.81	10.33	0.01
1892.7	1904.7		25			18.54	10.06	0.01
1857.5	1869.5		25	P_1@74	S_0@0	18.50	10.02	0.01
1875.1	1887.1		25			18.63	10.15	0.01
1892.7	1904.7		25			18.69	10.21	0.01
1857.5	1869.5		25	P_75@0	S_50@0	19.31	10.83	0.01
1875.1	1887.1		25			19.33	10.85	0.01
1892.7	1904.7		25			19.22	10.74	0.01

n2_SA					
Frequency (MHz)	Channel Bandwidth	RB	RB	Output Power	EIRP(dBM/MHZ)
	(MHz)	Size	Offset		
DFT-s OFDM PI/2 BPSK					
1852.5	5	25	0	23.61	22.12
1882.5	5	25	0	23.52	22.03
1912.5	5	25	0	23.74	22.25
1855	10	50	0	23.58	19.08
1882.5	10	50	0	23.42	18.92
1910	10	50	0	23.70	19.20
1857.5	15	75	0	23.79	17.53
1882.5	15	75	0	23.79	17.53
1907.5	15	75	0	23.89	17.63
1860	20	100	0	23.77	16.26
1882.5	20	100	0	23.85	16.34
1905	20	100	0	23.86	16.35
DFT-s OFDM QPSK					
1852.5	5	1	24	23.08	21.59
1882.5	5	25	0	23.08	21.59
1912.5	5	25	0	23.23	21.74
1855	10	50	0	23.05	18.55
1882.5	10	50	0	23.06	18.56
1910	10	50	0	23.24	18.74
1857.5	15	75	0	23.26	17.00
1882.5	15	75	0	23.33	17.07
1907.5	15	75	0	23.36	17.10
1860	20	100	0	23.30	15.79

1882.5	20	100	0	23.31	15.80
1905	20	100	0	23.37	15.86
DFT-s OFDM 16QAM					
1852.5	5	25	0	21.97	20.48
1882.5	5	25	0	21.97	20.48
1912.5	5	25	0	22.17	20.68
1855	10	50	0	22.03	17.53
1882.5	10	50	0	22.02	17.52
1910	10	50	0	22.21	17.71
1857.5	15	75	0	22.30	16.04
1882.5	15	75	0	22.31	16.05
1907.5	15	75	0	22.30	16.04
1860	20	100	0	22.33	14.82
1882.5	20	100	0	22.32	14.81
1905	20	100	0	22.41	14.90
DFT-s OFDM 64QAM					
1852.5	5	25	0	21.66	20.17
1882.5	5	25	0	21.64	20.15
1912.5	5	25	0	21.78	20.29
1855	10	50	0	21.59	17.09
1882.5	10	50	0	21.58	17.08
1910	10	50	0	21.69	17.19
1857.5	15	75	0	21.74	15.48
1882.5	15	75	0	21.85	15.59
1907.5	15	75	0	21.84	15.58
1860	20	100	0	21.73	14.22
1882.5	20	100	0	21.82	14.31
1905	20	100	0	21.91	14.40
DFT-s OFDM 256QAM					
1852.5	5	25	0	19.45	17.96
1882.5	5	25	0	19.46	17.97
1912.5	5	25	0	19.67	18.18
1855	10	50	0	19.55	15.05
1882.5	10	50	0	19.57	15.07
1910	10	50	0	19.69	15.19
1857.5	15	75	0	19.72	13.46
1882.5	15	75	0	19.77	13.51
1907.5	15	75	0	19.89	13.63
1860	20	100	0	19.72	12.21
1882.5	20	100	0	19.83	12.32
1905	20	100	0	19.88	12.37
CP OFDM QPSK					
1852.5	5	25	0	21.05	19.56

1882.5	5	25	0	21.00	19.51
1912.5	5	25	0	21.16	19.67
1855	10	52	0	21.11	16.61
1882.5	10	52	0	21.19	16.69
1910	10	52	0	21.17	16.67
1857.5	15	79	0	21.24	14.98
1882.5	15	79	0	21.29	15.03
1907.5	15	79	0	21.40	15.14
1860	20	106	0	21.26	13.75
1882.5	20	106	0	21.32	13.81
1905	20	106	0	21.35	13.84
CP OFDM 16QAM					
1852.5	5	25	0	21.03	19.54
1882.5	5	25	0	21.06	19.57
1912.5	5	25	0	21.25	19.76
1855	10	52	0	21.01	16.51
1882.5	10	52	0	21.03	16.53
1910	10	52	0	21.16	16.66
1857.5	15	79	0	21.40	15.14
1882.5	15	79	0	21.37	15.11
1907.5	15	79	0	21.39	15.13
1860	20	106	0	21.29	13.78
1882.5	20	106	0	21.31	13.80
1905	20	106	0	21.44	13.93
CP OFDM 64QAM					
1852.5	5	25	0	20.54	19.05
1882.5	5	25	0	20.56	19.07
1912.5	5	25	0	20.68	19.19
1855	10	52	0	20.56	16.06
1882.5	10	52	0	20.61	16.11
1910	10	52	0	20.73	16.23
1857.5	15	79	0	20.80	14.54
1882.5	15	79	0	20.76	14.50
1907.5	15	79	0	20.77	14.51
1860	20	106	0	20.87	13.36
1882.5	20	106	0	20.82	13.31
1905	20	106	0	20.91	13.40
CP OFDM 256QAM					
1852.5	5	25	0	17.45	15.96
1882.5	5	25	0	17.62	16.13
1912.5	5	25	0	17.70	16.21
1855	10	52	0	17.48	12.98
1882.5	10	52	0	17.61	13.11

1910	10	52	0	17.64	13.14
1857.5	15	79	0	17.72	11.46
1882.5	15	79	0	17.81	11.55
1907.5	15	79	0	17.90	11.64
1860	20	106	0	17.77	10.26
1882.5	20	106	0	17.87	10.36
1905	20	106	0	17.91	10.40

n25_SA					
Frequency (MHz)	Channel Bandwidth	RB	RB	Output Power	EIRP
	(MHz)	Size	Offset	(dBm)	(dBm/MHz)
DFT-s OFDM PI/2 BPSK					
1852.5	5	25	0	23.07	21.08
1882.5	5	25	0	23.06	21.07
1912.5	5	25	0	23.11	21.12
1855	10	50	0	23.07	18.07
1882.5	10	50	0	23.00	18.00
1910	10	50	0	23.07	18.07
1857.5	15	75	0	23.16	16.40
1882.5	15	75	0	23.10	16.34
1907.5	15	75	0	23.26	16.50
1860	20	100	0	23.14	15.13
1882.5	20	100	0	23.15	15.14
1905	20	100	0	23.15	15.14
1862.5	25	128	0	22.84	13.86
1882.5	25	128	0	22.89	13.91
1902.5	25	128	0	22.98	14.00
1865	30	160	0	23.16	13.39
1882.5	30	160	0	23.14	13.37
1900	30	160	0	23.18	13.41
1870	40	216	0	23.15	12.13
1882.5	40	216	0	23.17	12.15
1895	40	216	0	23.09	12.07
DFT-s OFDM QPSK					
1852.5	5	25	0	22.50	20.51
1882.5	5	25	0	22.51	20.52
1912.5	5	25	0	22.49	20.50
1855	10	50	0	22.54	17.54
1882.5	10	50	0	22.46	17.46
1910	10	50	0	22.53	17.53
1857.5	15	75	0	22.60	15.84
1882.5	15	75	0	22.67	15.91

1907.5	15	75	0	22.71	15.95
1860	20	100	0	22.59	14.58
1882.5	20	100	0	22.62	14.61
1905	20	100	0	22.70	14.69
1862.5	25	128	0	22.35	13.37
1882.5	25	128	0	22.42	13.44
1902.5	25	128	0	22.52	13.54
1865	30	160	0	22.61	12.84
1882.5	30	160	0	22.69	12.92
1900	30	160	0	22.64	12.87
1870	40	216	0	22.60	11.58
1882.5	40	216	0	22.65	11.63
1895	40	216	0	22.55	11.53
DFT-s OFDM 16QAM					
1852.5	5	25	0	21.53	19.54
1882.5	5	25	0	21.57	19.58
1912.5	5	25	0	21.63	19.64
1855	10	1	50	22.31	17.31
1882.5	10	50	0	21.52	16.52
1910	10	50	0	21.54	16.54
1857.5	15	75	0	21.62	14.86
1882.5	15	75	0	21.69	14.93
1907.5	15	75	0	21.76	15.00
1860	20	100	0	21.55	13.54
1882.5	20	100	0	21.59	13.58
1905	20	100	0	21.67	13.66
1862.5	25	128	0	21.40	12.42
1882.5	25	128	0	21.39	12.41
1902.5	25	128	0	21.50	12.52
1865	30	160	0	21.56	11.79
1882.5	30	160	0	21.64	11.87
1900	30	160	0	21.60	11.83
1870	40	216	0	21.60	10.58
1882.5	40	216	0	21.63	10.61
1895	40	216	0	21.55	10.53
DFT-s OFDM 64QAM					
1852.5	5	25	0	21.05	19.06
1882.5	5	25	0	21.07	19.08
1912.5	5	25	0	21.06	19.07
1855	10	50	0	21.07	16.07
1882.5	10	50	0	21.02	16.02
1910	10	50	0	21.02	16.02
1857.5	15	75	0	21.18	14.42

1882.5	15	75	0	21.14	14.38
1907.5	15	75	0	21.23	14.47
1860	20	100	0	21.18	13.17
1882.5	20	100	0	21.11	13.10
1905	20	100	0	21.22	13.21
1862.5	25	128	0	20.91	11.93
1882.5	25	128	0	21.02	12.04
1902.5	25	128	0	21.19	12.21
1865	30	160	0	21.20	11.43
1882.5	30	160	0	21.09	11.32
1900	30	160	0	21.13	11.36
1870	40	216	0	21.19	10.17
1882.5	40	216	0	21.16	10.14
1895	40	216	0	21.16	10.14
DFT-s OFDM 256QAM					
1852.5	5	25	0	18.99	17.00
1882.5	5	25	0	18.95	16.96
1912.5	5	25	0	19.07	17.08
1855	10	50	0	19.04	14.04
1882.5	10	50	0	18.97	13.97
1910	10	50	0	19.05	14.05
1857.5	15	75	0	19.15	12.39
1882.5	15	75	0	19.13	12.37
1907.5	15	75	0	19.17	12.41
1860	20	100	0	19.18	11.17
1882.5	20	100	0	19.16	11.15
1905	20	100	0	19.18	11.17
1862.5	25	128	0	18.90	9.92
1882.5	25	128	0	18.92	9.94
1902.5	25	128	0	18.94	9.96
1865	30	160	0	19.08	9.31
1882.5	30	160	0	19.09	9.32
1900	30	160	0	19.17	9.40
1870	40	216	0	19.12	8.10
1882.5	40	216	0	19.12	8.10
1895	40	216	0	19.04	8.02
CP OFDM QPSK					
1852.5	5	25	0	20.49	18.50
1882.5	5	25	0	20.47	18.48
1912.5	5	25	0	20.55	18.56
1855	10	52	0	20.51	15.51
1882.5	10	52	0	20.48	15.48
1910	10	52	0	20.56	15.56

1857.5	15	79	0	20.68	13.92
1882.5	15	79	0	20.62	13.86
1907.5	15	79	0	20.68	13.92
1860	20	106	0	20.50	12.49
1882.5	20	106	0	20.49	12.48
1905	20	106	0	20.61	12.60
1862.5	25	133	0	20.41	11.43
1882.5	25	133	0	20.46	11.48
1902.5	25	133	0	20.45	11.47
1865	30	160	0	20.60	10.83
1882.5	30	160	0	20.64	10.87
1900	30	160	0	20.61	10.84
1870	40	216	0	20.68	9.66
1882.5	40	216	0	20.67	9.65
1895	40	216	0	20.76	9.74
CP OFDM 16QAM					
1852.5	5	25	0	20.63	18.64
1882.5	5	25	0	20.51	18.52
1912.5	5	25	0	20.57	18.58
1855	10	52	0	20.48	15.48
1882.5	10	52	0	20.48	15.48
1910	10	52	0	20.53	15.53
1857.5	15	79	0	20.67	13.91
1882.5	15	79	0	20.60	13.84
1907.5	15	79	0	20.63	13.87
1860	20	106	0	20.40	12.39
1882.5	20	106	0	20.59	12.58
1905	20	106	0	20.23	12.22
1862.5	25	133	0	20.53	11.55
1882.5	25	133	0	20.49	11.51
1902.5	25	133	0	20.57	11.59
1865	30	160	0	20.55	10.78
1882.5	30	160	0	20.52	10.75
1900	30	160	0	20.59	10.82
1870	40	216	0	20.60	9.58
1882.5	40	216	0	20.60	9.58
1895	40	216	0	20.59	9.57
CP OFDM 64QAM					
1852.5	5	25	0	20.08	18.09
1882.5	5	25	0	20.15	18.16
1912.5	5	25	0	20.16	18.17
1855	10	52	0	20.11	15.11
1882.5	10	52	0	20.07	15.07

1910	10	52	0	20.15	15.15
1857.5	15	79	0	20.15	13.39
1882.5	15	79	0	20.09	13.33
1907.5	15	79	0	20.31	13.55
1860	20	106	0	20.15	12.14
1882.5	20	106	0	19.93	11.92
1905	20	106	0	19.90	11.89
1862.5	25	133	0	19.94	10.96
1882.5	25	133	0	20.01	11.03
1902.5	25	133	0	19.98	11.00
1865	30	160	0	20.19	10.42
1882.5	30	160	0	20.09	10.32
1900	30	160	0	20.14	10.37
1870	40	216	0	20.12	9.10
1882.5	40	216	0	20.19	9.17
1895	40	216	0	20.10	9.08
CP OFDM 256QAM					
1852.5	5	25	0	16.80	14.81
1882.5	5	25	0	16.72	14.73
1912.5	5	25	0	16.74	14.75
1855	10	52	0	16.75	11.75
1882.5	10	52	0	16.67	11.67
1910	10	52	0	16.71	11.71
1857.5	15	79	0	16.75	9.99
1882.5	15	79	0	16.78	10.02
1907.5	15	79	0	16.86	10.10
1860	20	106	0	17.17	9.16
1882.5	20	106	0	17.19	9.18
1905	20	106	0	16.83	8.82
1862.5	25	133	0	16.93	7.95
1882.5	25	133	0	16.93	7.95
1902.5	25	133	0	17.03	8.05
1865	30	160	0	16.89	7.12
1882.5	30	160	0	16.85	7.08
1900	30	160	0	16.86	7.09
1870	40	216	0	16.75	5.73
1882.5	40	216	0	16.82	5.80
1895	40	216	0	16.62	5.60

RF Power Output and EIRP (The Output Power is derived from the module report)

Modulation	LTE Band 2/25					
	Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)
QPSK	1850.70	1.4	1	0	23.01	28.51
	1882.50		1		23.36	28.86
	1914.30		1		23.07	28.57
	1850.70	1.4	1	2	22.96	28.46
	1882.50		1		23.21	28.71
	1914.30		1		23.15	28.65
	1850.70	1.4	1	6	22.96	28.46
	1882.50		1		23.26	28.76
	1914.30		1		23.10	28.60
	1851.50	3	1	0	23.07	28.57
	1882.50		1		23.18	28.68
	1913.50		1		23.03	28.53
	1851.50	3	1	7	23.17	28.67
	1882.50		1		23.31	28.81
	1913.50		1		23.10	28.60
	1851.50	3	1	14	23.10	28.60
	1882.50		1		23.02	28.52
	1913.50		1		23.14	28.64
	1852.50	5	1	0	23.03	28.53
	1882.50		1		23.04	28.54
	1912.50		1		23.36	28.86
	1852.50	5	1	12	23.10	28.60
	1882.50		1		23.19	28.69
	1912.50		1		23.27	28.77
	1852.50	5	1	24	23.12	28.62
	1882.50		1		23.09	28.59
	1912.50		1		23.16	28.66
	1855.00	10	1	0	23.03	28.53
	1882.50		1		22.98	28.48
	1910.00		1		23.16	28.66
	1855.00	10	1	24	23.18	28.68
	1882.50		1		23.06	28.56
	1910.00		1		23.26	28.76
	1855.00	10	1	49	23.04	28.54
	1882.50		1		23.07	28.57
	1910.00		1		23.19	28.69
	1857.50	15	1	0	23.13	28.63

	1882.50		1		23.06	28.56
	1907.50		1		23.11	28.61
	1857.50	15	1	37	22.87	28.37
	1882.50		1		23.11	28.61
	1907.50	15	1	74	23.03	28.53
	1857.50		1		23.23	28.73
	1882.50		1		23.17	28.67
	1907.50	20	1	0	23.06	28.56
	1860.00		1		23.31	28.81
	1882.50		1		22.99	28.49
	1905.00	20	1	49	23.15	28.65
	1860.00		1		22.98	28.48
	1882.50		1		23.07	28.57
	1905.00	20	1	99	23.28	28.78
	1860.00		1		23.27	28.77
	1882.50		1		23.45	28.95
	1905.00		1		23.41	28.91
16QAM	1850.70	1.4	1	0	22.58	28.08
	1882.50		1		22.85	28.35
	1914.30		1		22.57	28.07
	1850.70	1.4	1	2	22.42	27.92
	1882.50		1		22.67	28.17
	1914.30		1		22.67	28.17
	1850.70	1.4	1	6	22.45	27.95
	1882.50		1		22.76	28.26
	1914.30		1		22.63	28.13
	1851.50	3	1	0	22.57	28.07
	1882.50		1		22.99	28.49
	1913.50		1		22.71	28.21
	1851.50	3	1	7	22.67	28.17
	1882.50		1		23.13	28.63
	1913.50		1		22.96	28.46
	1851.50	3	1	14	22.63	28.13
	1882.50		1		22.45	27.95
	1913.50		1		23.05	28.55
	1852.50	5	1	0	22.73	28.23
	1882.50		1		23.13	28.63
	1912.50		1		22.99	28.49
	1852.50	5	1	12	22.71	28.21
	1882.50		1		23.12	28.62
	1912.50		1		23.05	28.55
	1852.50	5	1	24	22.82	28.32
	1882.50		1		22.78	28.28

	1912.50		1		23.05	28.55
	1855.00	10	1	0	22.83	28.33
	1882.50		1		22.57	28.07
	1910.00		1		22.99	28.49
	1855.00	10	1	24	22.88	28.38
	1882.50		1		22.54	28.04
	1910.00		1		22.98	28.48
	1855.00	10	1	49	22.73	28.23
	1882.50		1		22.83	28.33
	1910.00		1		22.94	28.44
	1857.50	15	1	0	22.52	28.02
	1882.50		1		22.74	28.24
	1907.50		1		22.52	28.02
	1857.50	15	1	37	22.72	28.22
	1882.50		1		22.68	28.18
	1907.50		1		22.85	28.35
	1857.50	15	1	74	22.72	28.22
	1882.50		1		22.97	28.47
	1907.50		1		22.83	28.33
	1860.00	20	1	0	22.65	28.15
	1882.50		1		23.38	28.88
	1905.00		1		23.07	28.57
	1860.00	20	1	49	22.53	28.03
	1882.50		1		22.78	28.28
	1905.00		1		22.74	28.24
	1860.00	20	1	99	22.89	28.39
	1882.50		1		22.93	28.43
	1905.00		1		22.84	28.34
64QAM	1850.70	1.4	1	0	21.64	27.14
	1882.50		1		21.79	27.29
	1914.30		1		21.54	27.04
	1850.70	1.4	1	2	21.58	27.08
	1882.50		1		21.83	27.33
	1914.30		1		21.62	27.12
	1850.70	1.4	1	6	21.63	27.13
	1882.50		1		21.79	27.29
	1914.30		1		21.60	27.10
	1851.50	3	1	0	21.63	27.13
	1882.50		1		21.77	27.27
	1913.50		1		21.48	26.98
	1851.50	3	1	7	21.57	27.07
	1882.50		1		21.79	27.29
	1913.50		1		21.51	27.01

	1851.50	3	1	14	21.60	27.10
	1882.50		1		21.86	27.36
	1913.50		1		21.64	27.14
	1852.50	5	1	0	21.53	27.03
	1882.50		1		21.91	27.41
	1912.50		1		21.65	27.15
	1852.50	5	1	12	21.55	27.05
	1882.50		1		21.96	27.46
	1912.50		1		21.68	27.18
	1852.50	5	1	24	21.58	27.08
	1882.50		1		21.75	27.25
	1912.50		1		21.59	27.09
	1855.00	10	1	0	21.57	27.07
	1882.50		1		21.73	27.23
	1910.00		1		21.56	27.06
	1855.00	10	1	24	21.68	27.18
	1882.50		1		21.77	27.27
	1910.00		1		21.73	27.23
	1855.00	10	1	49	21.56	27.06
	1882.50		1		21.72	27.22
	1910.00		1		21.79	27.29
	1857.50	15	1	0	21.57	27.07
	1882.50		1		21.68	27.18
	1907.50		1		21.47	26.97
	1857.50	15	1	37	21.43	26.93
	1882.50		1		21.72	27.22
	1907.50		1		21.63	27.13
	1857.50	15	1	74	21.68	27.18
	1882.50		1		21.63	27.13
	1907.50		1		21.48	26.98
	1860.00	20	1	0	21.60	27.10
	1882.50		1		21.67	27.17
	1905.00		1		21.66	27.16
	1860.00	20	1	49	21.85	27.35
	1882.50		1		21.58	27.08
	1905.00		1		21.59	27.09
	1860.00	20	1	99	21.55	27.05
	1882.50		1		21.68	27.18
	1905.00		1		21.58	27.08
256QAM	1850.70	1.4	1	0	18.67	24.17
	1882.50		1		18.80	24.30
	1914.30		1		18.50	24.00
	1850.70	1.4	1	2	18.58	24.08

	1882.50		1		18.98	24.48
	1914.30		1		18.61	24.11
	1850.70		1		18.86	24.36
	1882.50	1.4	1	6	18.72	24.22
	1914.30		1		18.59	24.09
	1851.50		1		18.60	24.10
	1882.50	3	1	0	18.95	24.45
	1913.50		1		18.49	23.99
	1851.50		1		18.75	24.25
	1882.50	3	1	7	18.81	24.31
	1913.50		1		18.80	24.30
	1851.50		1		18.71	24.21
	1882.50	3	1	14	18.75	24.25
	1913.50		1		18.79	24.29
	1852.50		1		18.83	24.33
	1882.50	5	1	0	18.76	24.26
	1912.50		1		18.77	24.27
	1852.50		1		18.66	24.16
	1882.50	5	1	12	18.97	24.47
	1912.50		1		18.77	24.27
	1852.50		1		18.85	24.35
	1882.50	5	1	24	18.91	24.41
	1912.50		1		18.88	24.38
	1855.00		1		18.68	24.18
	1882.50	10	1	0	18.78	24.28
	1910.00		1		18.88	24.38
	1855.00		1		18.67	24.17
	1882.50	10	1	24	18.93	24.43
	1910.00		1		18.77	24.27
	1855.00		1		18.81	24.31
	1882.50	10	1	49	18.91	24.41
	1910.00		1		18.67	24.17
	1857.50		1		18.58	24.08
	1882.50	15	1	0	18.77	24.27
	1907.50		1		18.74	24.24
	1857.50		1		18.48	23.98
	1882.50	15	1	37	18.84	24.34
	1907.50		1		18.65	24.15
	1857.50		1		19.01	24.51
	1882.50	15	1	74	18.67	24.17
	1907.50		1		18.73	24.23
	1860.00		1		18.63	24.13
	1882.50	20	1	0	18.84	24.34

	1905.00		1		18.67	24.17
	1860.00	20	1	49	18.99	24.49
	1882.50		1		18.81	24.31
	1905.00		1		18.90	24.40
	1860.00	20	1	99	18.56	24.06
	1882.50		1		18.95	24.45
	1905.00		1		18.64	24.14

Intra-Band CA_2C								
Frequency (MHz)		Channel Bandwidth (MHz)	Channel Bandwidth (MHz)	PCC RB	SCC RB	Output Power (dBm)	EIRP (dBm/MHz)	
PCC	SCC							
QPSK								
1860.0	1879.8	20+20	40	P_1@0	S_0@0	23.23	28.73	
1870.1	1889.9		40			23.27	28.77	
1880.2	1900.0		40			23.23	28.73	
1860.0	1879.8		40	P_1@49	S_0@0	23.31	28.81	
1870.1	1889.9		40			23.23	28.73	
1880.2	1900.0		40			23.28	28.78	
1860.0	1879.8		40	P_1@99	S_0@0	23.19	28.69	
1870.1	1889.9		40			23.36	28.86	
1880.2	1900.0		40			23.25	28.75	
1860.0	1879.8		40	P_100@0	S_10@0	22.24	11.72	
1870.1	1889.9		40			22.31	11.79	
1880.2	1900.0		40			22.27	11.75	
1860.0	1877.1		20+15	35	P_1@0	S_0@0	23.24	28.74
1872.6	1889.7			35			23.29	28.79
1885.1	1902.2			35			23.27	28.77
1860.0	1877.1	35		P_1@49	S_0@0	23.28	28.78	
1872.6	1889.7	35				23.32	28.82	
1885.1	1902.2	35				23.34	28.84	
1860.0	1877.1	35		P_1@99	S_0@0	23.29	28.79	
1872.6	1889.7	35				23.26	28.76	
1885.1	1902.2	35				23.14	28.64	
1860.0	1877.1	35		P_100@0	S_75@0	22.24	12.30	
1872.6	1889.7	35				22.29	12.35	
1885.1	1902.2	35				22.28	12.34	
1857.8	1874.9	15+20		35	P_1@0	S_0@0	23.47	28.97
1870.3	1887.4			35			23.34	28.84
1882.9	1900.0			35			23.27	28.77
1857.8	1874.9		35	P_1@38	S_0@0	23.31	28.81	
1870.3	1887.4		35			23.29	28.79	
1882.9	1900.0		35			23.32	28.82	

1857.8	1874.9		35	P_1@74	S_0@0	23.20	28.70
1870.3	1887.4		35			23.23	28.73
1882.9	1900.0		35			23.22	28.72
1857.8	1874.9		35	P_75@0	S_100@0	22.27	12.33
1870.3	1887.4		35			22.31	12.37
1882.9	1900.0		35			22.29	12.35
1860.0	1874.4	20+10	30	P_1@0	S_0@0	23.33	28.83
1875.1	1889.5		30			23.26	28.76
1890.1	1904.5		30			23.41	28.91
1860.0	1874.4		30	P_1@49	S_0@0	23.36	28.86
1875.1	1889.5		30			23.34	28.84
1890.1	1904.5		30			23.35	28.85
1860.0	1874.4		30	P_1@99	S_0@0	23.31	28.81
1875.1	1889.5		30			23.10	28.60
1890.1	1904.5		30			23.32	28.82
1860.0	1874.4		30	P_100@0	S_50@0	22.26	12.99
1875.1	1889.5		30			22.27	13.00
1890.1	1904.5		30			22.30	13.03
1855.5	1869.9	10+20	30	P_1@0	S_0@0	23.55	29.05
1870.6	1885.0		30			23.54	29.04
1885.6	1900.0		30			23.32	28.82
1855.5	1869.9		30	P_1@25	S_0@0	23.58	29.08
1870.6	1885.0		30			23.48	28.98
1885.6	1900.0		30			23.40	28.90
1855.5	1869.9		30	P_1@49	S_0@0	23.42	28.92
1870.6	1885.0		30			23.54	29.04
1885.6	1900.0		30			23.31	28.81
1855.5	1869.9		30	P_50@0	S_100@0	22.29	13.02
1870.6	1885.0		30			22.33	13.06
1885.6	1900.0		30			22.32	13.05
1860.0	1871.7	20+5	25	P_1@0	S_0@0	22.27	27.77
1877.5	1889.2		25			23.32	28.82
1895.0	1906.7		25			23.39	28.89
1860.0	1871.7		25	P_1@49	S_0@0	23.37	28.87
1877.5	1889.2		25			23.45	28.95
1895.0	1906.7		25			23.51	29.01
1860.0	1871.7		25	P_1@99	S_0@0	23.37	28.87
1877.5	1889.2		25			23.47	28.97
1895.0	1906.7		25			23.35	28.85
1860.0	1871.7		25	P_100@	S_25@0	23.22	14.74
1877.5	1889.2		25			22.29	13.81
1895.0	1906.7		25			22.34	13.86
1853.3	1865.0	5+20	25	P_1@0	S_0@0	23.54	29.04

1870.8	1882.5		25	P_1@13	S_0@0	23.46	28.96
1888.3	1900.0		25			23.53	29.03
1853.3	1865.0		25			23.52	29.02
1870.8	1882.5		25			23.56	29.06
1888.3	1900.0		25			23.53	29.03
1853.3	1865.0		25			23.46	28.96
1870.8	1882.5		25	P_1@24	S_0@0	23.49	28.99
1888.3	1900.0		25			23.45	28.95
1853.3	1865.0		25			22.31	13.83
1870.8	1882.5		25	P_25@0	S_100@0	22.35	13.87
1888.3	1900.0		25			23.54	15.06
1857.5	1904.5	15+15	30	P_1@0	S_0@0	23.37	28.87
1872.5	1872.5		30			23.26	28.76
1887.5	1887.5		30			23.25	28.75
1857.5	1902.5		30	P_1@38	S_0@0	23.35	28.85
1872.5	1872.5		30			23.24	28.74
1887.5	1887.5		30			23.22	28.72
1857.5	1902.5		30	P_1@74	S_0@0	23.31	28.81
1872.5	1872.5		30			23.23	28.73
1887.5	1887.5		30			23.14	28.64
1857.5	1902.5		30	P_75@0	S_75@0	22.26	12.99
1872.5	1872.5		30			22.20	12.93
1887.5	1887.5		30			22.17	12.90
1855.3	1867.3	10+15	25	P_1@0	S_0@0	23.44	28.94
1872.9	1884.9		25			23.43	28.93
1890.5	1902.5		25			23.36	28.86
1855.3	1867.3		25	P_1@25	S_0@0	23.35	28.85
1872.9	1884.9		25			23.43	28.93
1890.5	1902.5		25			23.45	28.95
1855.3	1867.3		25	P_1@49	S_0@0	23.49	28.99
1872.9	1884.9		25			23.42	28.92
1890.5	1902.5		25			23.38	28.88
1855.3	1867.3		25	P_50@0	S_75@0	22.30	13.82
1872.9	1884.9		25			22.26	13.78
1890.5	1902.5		25			22.27	13.79
1857.5	1869.5	15+10	25	P_1@0	S_0@0	23.35	28.85
1875.1	1887.1		25			23.31	28.81
1892.7	1904.7		25			23.21	28.71
1857.5	1869.5		25	P_1@38	S_0@0	23.41	28.91
1875.1	1887.1		25			23.30	28.80
1892.7	1904.7		25			23.25	28.75
1857.5	1869.5		25	P_1@74	S_0@0	23.28	28.78
1875.1	1887.1		25			23.26	28.76

1892.7	1904.7		25	P_75@0	S_50@0	23.33	28.83
1857.5	1869.5		25			22.28	13.80
1875.1	1887.1		25			22.30	13.82
1892.7	1904.7		25			22.23	13.75
16QAM							
1860.0	1879.8	20+20	40	P_1@0	S_0@0	22.37	27.87
1870.1	1889.9		40			22.65	28.15
1880.2	1900.0		40			22.43	27.93
1860.0	1879.8		40	P_1@49	S_0@0	22.73	28.23
1870.1	1889.9		40			22.51	28.01
1880.2	1900.0		40			22.78	28.28
1860.0	1879.8		40	P_1@99	S_0@0	22.56	28.06
1870.1	1889.9		40			22.37	27.87
1880.2	1900.0		40			21.30	26.80
1860.0	1879.8		40	P_100@0	S_10@0	21.32	10.80
1870.1	1889.9		40			21.25	10.73
1880.2	1900.0		40			22.37	11.85
1860.0	1877.1	20+15	35	P_1@0	S_0@0	22.46	27.96
1872.6	1889.7		35			22.64	28.14
1885.1	1902.2		35			22.39	27.89
1860.0	1877.1		35	P_1@49	S_0@0	22.47	27.97
1872.6	1889.7		35			22.66	28.16
1885.1	1902.2		35			22.53	28.03
1860.0	1877.1		35	P_1@99	S_0@0	22.40	27.90
1872.6	1889.7		35			22.77	28.27
1885.1	1902.2		35			21.26	26.76
1860.0	1877.1		35	P_100@0	S_75@0	21.29	11.35
1872.6	1889.7		35			21.25	11.31
1885.1	1902.2		35			22.53	12.59
1857.8	1874.9	15+20	35	P_1@0	S_0@0	22.65	28.15
1870.3	1887.4		35			22.42	27.92
1882.9	1900.0		35			22.47	27.97
1857.8	1874.9		35	P_1@38	S_0@0	22.56	28.06
1870.3	1887.4		35			22.49	27.99
1882.9	1900.0		35			22.52	28.02
1857.8	1874.9		35	P_1@74	S_0@0	22.56	28.06
1870.3	1887.4		35			22.55	28.05
1882.9	1900.0		35			22.42	27.92
1857.8	1874.9		35	P_75@0	S_100@0	21.25	11.31
1870.3	1887.4		35			21.30	11.36
1882.9	1900.0		35			21.29	11.35
1860.0	1874.4	20+10	30	P_1@0	S_0@0	22.61	28.11
1875.1	1889.5		30			22.57	28.07

1890.1	1904.5		30			22.64	28.14
1860.0	1874.4		30	P_1@49	S_0@0	22.73	28.23
1875.1	1889.5		30			22.44	27.94
1890.1	1904.5		30			22.63	28.13
1860.0	1874.4		30	P_1@99	S_0@0	22.73	28.23
1875.1	1889.5		30			22.54	28.04
1890.1	1904.5		30			22.37	27.87
1860.0	1874.4		30	P_100@0	S_50@0	21.30	12.03
1875.1	1889.5		30			21.31	12.04
1890.1	1904.5		30			21.26	11.99
1855.5	1869.9	10+20	30	P_1@0	S_0@0	22.77	28.27
1870.6	1885.0		30			22.79	28.29
1885.6	1900.0		30			22.64	28.14
1855.5	1869.9		30	P_1@25	S_0@0	22.64	28.14
1870.6	1885.0		30			22.65	28.15
1885.6	1900.0		30			22.72	28.22
1855.5	1869.9		30	P_1@49	S_0@0	22.64	28.14
1870.6	1885.0		30			22.74	28.24
1885.6	1900.0		30			22.59	28.09
1855.5	1869.9		30	P_50@0	S_100@0	21.23	11.96
1870.6	1885.0		30			21.34	12.07
1885.6	1900.0		30			21.26	11.99
1860.0	1871.7	20+5	25	P_1@0	S_0@0	22.57	28.07
1877.5	1889.2		25			22.59	28.09
1895.0	1906.7		25			22.71	28.21
1860.0	1871.7		25	P_1@49	S_0@0	22.58	28.08
1877.5	1889.2		25			22.81	28.31
1895.0	1906.7		25			22.71	28.21
1860.0	1871.7		25	P_1@99	S_0@0	22.75	28.25
1877.5	1889.2		25			22.42	27.92
1895.0	1906.7		25			22.65	28.15
1860.0	1871.7		25	P_100@	S_25@0	21.35	12.87
1877.5	1889.2		25			21.33	12.85
1895.0	1906.7		25			21.27	12.79
1853.3	1865.0	5+20	25	P_1@0	S_0@0	22.68	28.18
1870.8	1882.5		25			22.72	28.22
1888.3	1900.0		25			22.85	28.35
1853.3	1865.0		25	P_1@13	S_0@0	22.69	28.19
1870.8	1882.5		25			22.88	28.38
1888.3	1900.0		25			22.76	28.26
1853.3	1865.0		25	P_1@24	S_0@0	22.76	28.26
1870.8	1882.5		25			22.62	28.12
1888.3	1900.0		25			22.83	28.33

1853.3	1865.0		25	P_25@0	S_100@0	21.36	12.88
1870.8	1882.5		25			21.35	12.87
1888.3	1900.0		25			21.31	12.83
1857.5	1904.5	15+15	30	P_1@0	S_0@0	22.56	28.06
1872.5	1872.5		30			22.49	27.99
1887.5	1887.5		30			22.58	28.08
1857.5	1902.5		30	P_1@38	S_0@0	22.54	28.04
1872.5	1872.5		30			22.56	28.06
1887.5	1887.5		30			22.47	27.97
1857.5	1902.5		30	P_1@74	S_0@0	22.59	28.09
1872.5	1872.5		30			22.41	27.91
1887.5	1887.5		30			22.43	27.93
1857.5	1902.5		30	P_75@0	S_75@0	21.28	12.01
1872.5	1872.5		30			21.21	11.94
1887.5	1887.5		30			21.18	11.91
1855.3	1867.3	10+15	25	P_1@0	S_0@0	22.47	27.97
1872.9	1884.9		25			22.56	28.06
1890.5	1902.5		25			22.61	28.11
1855.3	1867.3		25	P_1@25	S_0@0	22.63	28.13
1872.9	1884.9		25			22.66	28.16
1890.5	1902.5		25			22.57	28.07
1855.3	1867.3		25	P_1@49	S_0@0	22.74	28.24
1872.9	1884.9		25			22.75	28.25
1890.5	1902.5		25			22.49	27.99
1855.3	1867.3		25	P_50@0	S_75@0	21.31	12.83
1872.9	1884.9		25			21.30	12.82
1890.5	1902.5		25			21.29	12.81
1857.5	1869.5	15+10	25	P_1@0	S_0@0	22.67	28.17
1875.1	1887.1		25			22.75	28.25
1892.7	1904.7		25			22.61	28.11
1857.5	1869.5		25	P_1@38	S_0@0	22.66	28.16
1875.1	1887.1		25			22.52	28.02
1892.7	1904.7		25			22.56	28.06
1857.5	1869.5		25	P_1@74	S_0@0	22.41	27.91
1875.1	1887.1		25			22.54	28.04
1892.7	1904.7		25			22.48	27.98
1857.5	1869.5		25	P_75@0	S_50@0	21.27	12.79
1875.1	1887.1		25			21.31	12.83
1892.7	1904.7		25			21.24	12.76
64QAM							
1860.0	1879.8	20+20	40	P_1@0	S_0@0	21.56	27.06
1870.1	1889.9		40			21.43	26.93
1880.2	1900.0		40			21.46	26.96

1860.0	1879.8		40	P_1@49	S_0@0	21.59	27.09
1870.1	1889.9		40			21.55	27.05
1880.2	1900.0		40			21.43	26.93
1860.0	1879.8		40	P_1@99	S_0@0	21.68	27.18
1870.1	1889.9		40			21.62	27.12
1880.2	1900.0		40			21.41	26.91
1860.0	1879.8		40	P_100@0	S_10@0	21.21	10.69
1870.1	1889.9		40			21.31	10.79
1880.2	1900.0		40			21.29	10.77
1860.0	1877.1	20+15	35	P_1@0	S_0@0	21.53	27.03
1872.6	1889.7		35			21.61	27.11
1885.1	1902.2		35			21.63	27.13
1860.0	1877.1		35	P_1@49	S_0@0	21.61	27.11
1872.6	1889.7		35			21.56	27.06
1885.1	1902.2		35			21.42	26.92
1860.0	1877.1		35	P_1@99	S_0@0	21.51	27.01
1872.6	1889.7		35			21.47	26.97
1885.1	1902.2		35			21.48	26.98
1860.0	1877.1		35	P_100@0	S_75@0	21.29	11.35
1872.6	1889.7		35			21.25	11.31
1885.1	1902.2		35			21.24	11.30
1857.8	1874.9	15+20	35	P_1@0	S_0@0	21.63	27.13
1870.3	1887.4		35			21.52	27.02
1882.9	1900.0		35			21.58	27.08
1857.8	1874.9		35	P_1@38	S_0@0	21.25	26.75
1870.3	1887.4		35			21.74	27.24
1882.9	1900.0		35			21.78	27.28
1857.8	1874.9		35	P_1@74	S_0@0	21.53	27.03
1870.3	1887.4		35			21.45	26.95
1882.9	1900.0		35			21.63	27.13
1857.8	1874.9		35	P_75@0	S_100@0	21.24	11.30
1870.3	1887.4		35			21.31	11.37
1882.9	1900.0		35			21.27	11.33
1860.0	1874.4	20+10	30	P_1@0	S_0@0	21.47	26.97
1875.1	1889.5		30			21.76	27.26
1890.1	1904.5		30			21.81	27.31
1860.0	1874.4		30	P_1@49	S_0@0	21.70	27.20
1875.1	1889.5		30			21.63	27.13
1890.1	1904.5		30			21.65	27.15
1860.0	1874.4		30	P_1@99	S_0@0	21.57	27.07
1875.1	1889.5		30			21.55	27.05
1890.1	1904.5		30			21.56	27.06
1860.0	1874.4		30	P_100@0	S_50@0	21.28	12.01

1875.1	1889.5		30			21.27	12.00
1890.1	1904.5		30			21.27	12.00
1855.5	1869.9	10+20	30	P_1@0	S_0@0	21.90	27.40
1870.6	1885.0		30			21.82	27.32
1885.6	1900.0		30			21.79	27.29
1855.5	1869.9		30	P_1@25	S_0@0	21.71	27.21
1870.6	1885.0		30			21.76	27.26
1885.6	1900.0		30			21.81	27.31
1855.5	1869.9		30	P_1@49	S_0@0	21.77	27.27
1870.6	1885.0		30			21.84	27.34
1885.6	1900.0		30			21.53	27.03
1855.5	1869.9		30	P_50@0	S_100@0	21.31	12.04
1870.6	1885.0		30			21.37	12.10
1885.6	1900.0		30			21.28	12.01
1860.0	1871.7	20+5	25	P_1@0	S_0@0	21.77	27.27
1877.5	1889.2		25			21.78	27.28
1895.0	1906.7		25			21.76	27.26
1860.0	1871.7		25	P_1@49	S_0@0	21.75	27.25
1877.5	1889.2		25			21.76	27.26
1895.0	1906.7		25			21.62	27.12
1860.0	1871.7		25	P_1@99	S_0@0	21.81	27.31
1877.5	1889.2		25			21.58	27.08
1895.0	1906.7		25			21.44	26.94
1860.0	1871.7		25	P_100@	S_25@0	21.33	12.85
1877.5	1889.2		25			21.35	12.87
1895.0	1906.7		25			21.26	12.78
1853.3	1865.0	5+20	25	P_1@0	S_0@0	21.74	27.24
1870.8	1882.5		25			21.86	27.36
1888.3	1900.0		25			21.73	27.23
1853.3	1865.0		25	P_1@13	S_0@0	22.82	28.32
1870.8	1882.5		25			21.72	27.22
1888.3	1900.0		25			21.90	27.40
1853.3	1865.0		25	P_1@24	S_0@0	21.86	27.36
1870.8	1882.5		25			21.69	27.19
1888.3	1900.0		25			21.57	27.07
1853.3	1865.0		25	P_25@0	S_100@0	21.33	12.85
1870.8	1882.5		25			21.39	12.91
1888.3	1900.0		25			21.32	12.84
1857.5	1904.5	15+15	30	P_1@0	S_0@0	21.64	27.14
1872.5	1872.5		30			21.67	27.17
1887.5	1887.5		30			21.68	27.18
1857.5	1902.5		30	P_1@38	S_0@0	21.55	27.05
1872.5	1872.5		30			21.39	26.89

1887.5	1887.5		30			21.50	27.00	
1857.5	1902.5		30	P_1@74	S_0@0	21.63	27.13	
1872.5	1872.5		30			21.67	27.17	
1887.5	1887.5		30			21.54	27.04	
1857.5	1902.5		30	P_75@0	S_75@0	21.16	11.89	
1872.5	1872.5		30			21.22	11.95	
1887.5	1887.5		30			21.17	11.90	
1855.3	1867.3		10+15	25	P_1@0	S_0@0	21.73	27.23
1872.9	1884.9			25			21.65	27.15
1890.5	1902.5	25		21.62			27.12	
1855.3	1867.3	25		P_1@25	S_0@0	21.74	27.24	
1872.9	1884.9	25				21.68	27.18	
1890.5	1902.5	25				21.78	27.28	
1855.3	1867.3	25		P_1@49	S_0@0	21.76	27.26	
1872.9	1884.9	25				21.78	27.28	
1890.5	1902.5	25				21.63	27.13	
1855.3	1867.3	25		P_50@0	S_75@0	21.28	12.80	
1872.9	1884.9	25				21.27	12.79	
1890.5	1902.5	25				21.27	12.79	
1857.5	1869.5	15+10	25	P_1@0	S_0@0	21.77	27.27	
1875.1	1887.1		25			21.58	27.08	
1892.7	1904.7		25			21.65	27.15	
1857.5	1869.5		25	P_1@38	S_0@0	21.84	27.34	
1875.1	1887.1		25			21.65	27.15	
1892.7	1904.7		25			21.54	27.04	
1857.5	1869.5		25	P_1@74	S_0@0	21.82	27.32	
1875.1	1887.1		25			21.69	27.19	
1892.7	1904.7		25			21.64	27.14	
1857.5	1869.5		25	P_75@0	S_50@0	21.32	12.84	
1875.1	1887.1		25			21.28	12.80	
1892.7	1904.7		25			21.22	12.74	
256QAM								
1860.0	1879.8	20+20	40	P_1@0	S_0@0	18.75	24.25	
1870.1	1889.9		40			18.67	24.17	
1880.2	1900.0		40			18.73	24.23	
1860.0	1879.8		40	P_1@49	S_0@0	18.57	24.07	
1870.1	1889.9		40			18.58	24.08	
1880.2	1900.0		40			18.64	24.14	
1860.0	1879.8		40	P_1@99	S_0@0	18.61	24.11	
1870.1	1889.9		40			18.64	24.14	
1880.2	1900.0		40			18.27	23.77	
1860.0	1879.8		40	P_100@0	S_10@0	19.30	8.78	
1870.1	1889.9		40			19.29	8.77	

1880.2	1900.0		40			19.27	8.75
1860.0	1877.1	20+15	35	P_1@0	S_0@0	18.65	24.15
1872.6	1889.7		35			18.76	24.26
1885.1	1902.2		35			18.88	24.38
1860.0	1877.1		35	P_1@49	S_0@0	18.56	24.06
1872.6	1889.7		35			18.82	24.32
1885.1	1902.2		35			18.72	24.22
1860.0	1877.1		35	P_1@99	S_0@0	18.64	24.14
1872.6	1889.7		35			18.44	23.94
1885.1	1902.2		35			18.53	24.03
1860.0	1877.1		35	P_100@0	S_75@0	19.27	9.33
1872.6	1889.7		35			19.28	9.34
1885.1	1902.2		35			19.24	9.30
1857.8	1874.9	15+20	35	P_1@0	S_0@0	18.74	24.24
1870.3	1887.4		35			18.79	24.29
1882.9	1900.0		35			18.87	24.37
1857.8	1874.9		35	P_1@38	S_0@0	18.37	23.87
1870.3	1887.4		35			18.66	24.16
1882.9	1900.0		35			18.72	24.22
1857.8	1874.9		35	P_1@74	S_0@0	18.54	24.04
1870.3	1887.4		35			18.78	24.28
1882.9	1900.0		35			18.66	24.16
1857.8	1874.9		35	P_75@0	S_100@0	19.34	9.40
1870.3	1887.4		35			19.33	9.39
1882.9	1900.0		35			19.24	9.30
1860.0	1874.4	20+10	30	P_1@0	S_0@0	18.85	24.35
1875.1	1889.5		30			18.94	24.44
1890.1	1904.5		30			19.07	24.57
1860.0	1874.4		30	P_1@49	S_0@0	18.18	23.68
1875.1	1889.5		30			18.76	24.26
1890.1	1904.5		30			18.91	24.41
1860.0	1874.4		30	P_1@99	S_0@0	18.62	24.12
1875.1	1889.5		30			18.55	24.05
1890.1	1904.5		30			18.52	24.02
1860.0	1874.4		30	P_100@0	S_50@0	19.32	10.05
1875.1	1889.5		30			19.34	10.07
1890.1	1904.5		30			19.26	9.99
1855.5	1869.9	10+20	30	P_1@0	S_0@0	18.85	24.35
1870.6	1885.0		30			18.71	24.21
1885.6	1900.0		30			18.87	24.37
1855.5	1869.9		30	P_1@25	S_0@0	18.64	24.14
1870.6	1885.0		30			18.87	24.37
1885.6	1900.0		30			18.76	24.26

1855.5	1869.9		30	P_1@49	S_0@0	18.95	24.45
1870.6	1885.0		30			18.71	24.21
1885.6	1900.0		30			18.73	24.23
1855.5	1869.9		30	P_50@0	S_100@0	19.30	10.03
1870.6	1885.0		30			19.34	10.07
1885.6	1900.0		30			19.28	10.01
1860.0	1871.7	20+5	25	P_1@0	S_0@0	18.68	24.18
1877.5	1889.2		25			18.83	24.33
1895.0	1906.7		25			18.85	24.35
1860.0	1871.7		25	P_1@49	S_0@0	18.79	24.29
1877.5	1889.2		25			18.94	24.44
1895.0	1906.7		25			18.91	24.41
1860.0	1871.7		25	P_1@99	S_0@0	18.86	24.36
1877.5	1889.2		25			18.69	24.19
1895.0	1906.7		25			18.61	24.11
1860.0	1871.7		25	P_100@	S_25@0	19.36	10.88
1877.5	1889.2		25			19.34	10.86
1895.0	1906.7		25			19.26	10.78
1853.3	1865.0	5+20	25	P_1@0	S_0@0	18.64	24.14
1870.8	1882.5		25			18.71	24.21
1888.3	1900.0		25			18.63	24.13
1853.3	1865.0		25	P_1@13	S_0@0	18.73	24.23
1870.8	1882.5		25			18.71	24.21
1888.3	1900.0		25			18.69	24.19
1853.3	1865.0		25	P_1@24	S_0@0	18.74	24.24
1870.8	1882.5		25			18.88	24.38
1888.3	1900.0		25			18.86	24.36
1853.3	1865.0		25	P_25@0	S_100@0	19.34	10.86
1870.8	1882.5		25			19.37	10.89
1888.3	1900.0		25			19.31	10.83
1857.5	1904.5	15+15	30	P_1@0	S_0@0	18.77	24.27
1872.5	1872.5		30			18.52	24.02
1887.5	1887.5		30			18.75	24.25
1857.5	1902.5		30	P_1@38	S_0@0	18.68	24.18
1872.5	1872.5		30			18.78	24.28
1887.5	1887.5		30			18.63	24.13
1857.5	1902.5		30	P_1@74	S_0@0	18.54	24.04
1872.5	1872.5		30			18.72	24.22
1887.5	1887.5		30			18.53	24.03
1857.5	1902.5		30	P_75@0	S_75@0	19.24	9.97
1872.5	1872.5		30			19.23	9.96
1887.5	1887.5		30			19.17	9.90
1855.3	1867.3	10+15	25	P_1@0	S_0@0	18.52	24.02

1872.9	1884.9		25	P_1@25	S_0@0	18.64	24.14
1890.5	1902.5		25			18.88	24.38
1855.3	1867.3		25			18.65	24.15
1872.9	1884.9		25			18.92	24.42
1890.5	1902.5		25			18.62	24.12
1855.3	1867.3		25	P_1@49	S_0@0	18.74	24.24
1872.9	1884.9		25			18.78	24.28
1890.5	1902.5		25			18.72	24.22
1855.3	1867.3		25	P_50@0	S_75@0	19.31	10.83
1872.9	1884.9		25			19.27	10.79
1890.5	1902.5		25			19.24	10.76
1857.5	1869.5	15+10	25	P_1@0	S_0@0	18.65	24.15
1875.1	1887.1		25			18.83	24.33
1892.7	1904.7		25			18.66	24.16
1857.5	1869.5		25	P_1@38	S_0@0	18.59	24.09
1875.1	1887.1		25			18.81	24.31
1892.7	1904.7		25			18.54	24.04
1857.5	1869.5		25	P_1@74	S_0@0	18.50	24.00
1875.1	1887.1		25			18.63	24.13
1892.7	1904.7		25			18.69	24.19
1857.5	1869.5		25	P_75@0	S_50@0	19.31	10.83
1875.1	1887.1		25			19.33	10.85
1892.7	1904.7		25			19.22	10.74

NR n2

OFDM	Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)
DFT-s PI/2 BPSK	1852.5	5	1	1	23.57	29.07
			1	23	23.53	29.03
			1	24	23.55	29.05
			1	0	23.56	29.06
	1882.5	5	1	1	23.54	29.04
			1	23	23.54	29.04
			1	24	23.35	28.85
			1	0	23.48	28.98
	1912.5	5	1	1	23.65	29.15
			1	23	23.59	29.09
			1	24	23.61	29.11
			1	0	23.61	29.11
	1855	10	1	1	23.55	29.05
			1	50	23.42	28.92
			1	51	23.41	28.91
			1	0	23.58	29.08
	1882.5	10	1	1	23.35	28.85
			1	50	23.24	28.74
			1	51	23.27	28.77
			1	0	23.31	28.81
	1910	10	1	1	23.64	29.14
			1	50	23.65	29.15
			1	51	23.63	29.13
			1	0	23.62	29.12
	1857.5	15	1	1	23.72	29.22
			1	77	23.69	29.19
			1	78	23.64	29.14
			1	0	23.70	29.20
	1882.5	15	1	1	23.68	29.18
			1	77	23.80	29.30
			1	78	23.72	29.22
			1	0	23.69	29.19
	1907.5	15	1	1	23.76	29.26
			1	77	23.75	29.25
			1	78	23.78	29.28
			1	0	23.74	29.24
			1	1	23.77	29.27

	1860	20	1	104	23.72	29.22
			1	105	23.71	29.21
			1	0	23.70	29.20
	1882.5	20	1	1	23.68	29.18
			1	104	23.77	29.27
			1	105	23.65	29.15
			1	0	23.72	29.22
	1905	20	1	1	23.79	29.29
			1	104	23.74	29.24
			1	105	23.79	29.29
			1	0	23.68	29.18
DFT-s QPSK	1852.5	5	1	1	23.90	29.40
			1	23	23.75	29.25
			1	24	23.08	28.58
			1	0	23.12	28.62
	1882.5	5	1	1	23.80	29.30
			1	23	23.65	29.15
			1	24	23.14	28.64
			1	0	23.16	28.66
	1912.5	5	1	1	24.03	29.53
			1	23	23.83	29.33
			1	24	23.23	28.73
			1	0	23.28	28.78
	1855	10	1	1	23.82	29.32
			1	50	23.79	29.29
			1	51	23.17	28.67
			1	0	23.27	28.77
	1882.5	10	1	1	23.88	29.38
			1	50	23.74	29.24
			1	51	23.20	28.70
			1	0	23.22	28.72
	1910	10	1	1	23.79	29.29
			1	50	23.89	29.39
			1	51	23.24	28.74
			1	0	23.31	28.81
	1857.5	15	1	1	23.92	29.42
			1	77	23.76	29.26
			1	78	23.35	28.85
			1	0	23.40	28.90
	1882.5	15	1	1	24.02	29.52
			1	77	24.02	29.52
			1	78	23.34	28.84

			1	0	23.40	28.90
	1907.5	15	1	1	24.00	29.50
			1	77	24.01	29.51
			1	78	23.40	28.90
			1	0	23.42	28.92
	1860	20	1	1	23.78	29.28
			1	104	23.90	29.40
			1	105	23.36	28.86
			1	0	23.35	28.85
	1882.5	20	1	1	23.79	29.29
			1	104	23.93	29.43
			1	105	23.43	28.93
			1	0	23.38	28.88
	1905	20	1	1	23.93	29.43
			1	104	23.99	29.49
			1	105	23.51	29.01
			1	0	23.38	28.88
DFT-s 16QAM	1852.5	5	1	1	23.37	28.87
			1	23	23.24	28.74
			1	24	21.84	27.34
			1	0	21.98	27.48
	1882.5	5	1	1	23.27	28.77
			1	23	23.22	28.72
			1	24	21.85	27.35
			1	0	21.87	27.37
	1912.5	5	1	1	23.50	29.00
			1	23	23.42	28.92
			1	24	22.09	27.59
			1	0	22.04	27.54
	1855	10	1	1	23.07	28.57
			1	50	22.99	28.49
			1	51	22.13	27.63
			1	0	22.24	27.74
	1882.5	10	1	1	23.03	28.53
			1	50	22.97	28.47
			1	51	22.13	27.63
			1	0	22.16	27.66
	1910	10	1	1	23.19	28.69
			1	50	23.12	28.62
			1	51	22.65	28.15
			1	0	22.27	27.77
			1	1	23.51	29.01

	1857.5	15	1	77	23.40	28.90
			1	78	22.06	27.56
			1	0	22.15	27.65
	1882.5	15	1	1	23.53	29.03
			1	77	23.47	28.97
			1	78	22.10	27.60
			1	0	22.04	27.54
	1907.5	15	1	1	23.51	29.01
			1	77	23.53	29.03
			1	78	22.23	27.73
			1	0	22.15	27.65
	1860	20	1	1	23.47	28.97
			1	104	23.49	28.99
			1	105	22.23	27.73
			1	0	22.12	27.62
	1882.5	20	1	1	23.44	28.94
			1	104	23.49	28.99
			1	105	22.17	27.67
			1	0	22.14	27.64
	1905	20	1	1	23.44	28.94
			1	104	23.64	29.14
			1	105	22.49	27.99
			1	0	22.19	27.69
DFT-s 64QAM	1852.5	5	1	1	21.85	27.35
			1	23	21.73	27.23
			1	24	21.78	27.28
			1	0	21.82	27.32
	1882.5	5	1	1	21.83	27.33
			1	23	21.72	27.22
			1	24	21.78	27.28
			1	0	21.74	27.24
	1912.5	5	1	1	21.96	27.46
			1	23	21.86	27.36
			1	24	21.86	27.36
			1	0	21.89	27.39
	1855	10	1	1	21.74	27.24
			1	50	21.70	27.20
			1	51	21.60	27.10
			1	0	21.74	27.24
	1882.5	10	1	1	21.68	27.18
			1	50	21.70	27.20
			1	51	21.71	27.21

			1	0	21.75	27.25
	1910	10	1	1	21.86	27.36
			1	50	21.52	27.02
			1	51	22.13	27.63
			1	0	21.75	27.25
	1857.5	15	1	1	21.81	27.31
			1	77	21.86	27.36
			1	78	21.79	27.29
			1	0	21.96	27.46
	1882.5	15	1	1	21.96	27.46
			1	77	21.91	27.41
			1	78	21.99	27.49
			1	0	21.95	27.45
	1907.5	15	1	1	22.03	27.53
			1	77	22.04	27.54
			1	78	22.04	27.54
			1	0	21.90	27.40
	1860	20	1	1	21.94	27.44
			1	104	22.05	27.55
			1	105	21.85	27.35
			1	0	21.95	27.45
	1882.5	20	1	1	21.96	27.46
			1	104	21.98	27.48
			1	105	22.00	27.50
			1	0	22.04	27.54
	1905	20	1	1	22.05	27.55
			1	104	22.06	27.56
			1	105	22.06	27.56
			1	0	21.95	27.45
DFT-s 256QAM	1852.5	5	1	1	19.30	24.80
			1	23	19.15	24.65
			1	24	19.12	24.62
			1	0	19.26	24.76
	1882.5	5	1	1	19.28	24.78
			1	23	19.19	24.69
			1	24	19.15	24.65
			1	0	19.17	24.67
	1912.5	5	1	1	19.34	24.84
			1	23	19.30	24.80
			1	24	19.22	24.72
			1	0	19.27	24.77
			1	1	19.31	24.81

	1855	10	1	50	19.06	24.56
			1	51	19.19	24.69
			1	0	19.28	24.78
	1882.5	10	1	1	19.35	24.85
			1	50	19.20	24.70
			1	51	19.19	24.69
			1	0	19.41	24.91
	1910	10	1	1	19.26	24.76
			1	50	19.29	24.79
			1	51	19.30	24.80
			1	0	19.33	24.83
	1857.5	15	1	1	19.44	24.94
			1	77	19.36	24.86
			1	78	19.30	24.80
			1	0	19.39	24.89
	1882.5	15	1	1	19.44	24.94
			1	77	19.40	24.90
			1	78	19.36	24.86
			1	0	19.39	24.89
	1907.5	15	1	1	19.44	24.94
			1	77	19.43	24.93
			1	78	19.50	25.00
			1	0	19.47	24.97
	1860	20	1	1	19.49	24.99
			1	104	19.45	24.95
			1	105	19.44	24.94
			1	0	19.47	24.97
	1882.5	20	1	1	19.43	24.93
			1	104	19.45	24.95
			1	105	19.45	24.95
			1	0	19.49	24.99
	1905	20	1	1	19.55	25.05
			1	104	19.55	25.05
			1	105	19.52	25.02
			1	0	19.55	25.05
CP QPSK	1852.5	5	1	1	22.72	28.22
			1	23	22.71	28.21
			1	24	21.04	26.54
			1	0	21.10	26.60
	1882.5	5	1	1	22.59	28.09
			1	23	22.59	28.09
			1	24	21.27	26.77

			1	0	21.29	26.79
	1912.5	5	1	1	22.97	28.47
			1	23	22.93	28.43
			1	24	21.26	26.76
			1	0	21.24	26.74
	1855	10	1	1	22.75	28.25
			1	50	22.72	28.22
			1	51	20.99	26.49
			1	0	21.11	26.61
	1882.5	10	1	1	22.98	28.48
			1	50	22.85	28.35
			1	51	21.08	26.58
			1	0	21.22	26.72
	1910	10	1	1	22.89	28.39
			1	50	22.79	28.29
			1	51	20.89	26.39
			1	0	21.21	26.71
	1857.5	15	1	1	22.94	28.44
			1	77	23.16	28.66
			1	78	21.29	26.79
			1	0	21.29	26.79
	1882.5	15	1	1	22.98	28.48
			1	77	22.97	28.47
			1	78	21.40	26.90
			1	0	21.41	26.91
	1907.5	15	1	1	23.03	28.53
			1	77	23.04	28.54
			1	78	21.45	26.95
			1	0	21.26	26.76
	1860	20	1	1	22.95	28.45
			1	104	23.02	28.52
			1	105	21.28	26.78
			1	0	21.37	26.87
	1882.5	20	1	1	22.93	28.43
			1	104	23.03	28.53
			1	105	21.27	26.77
			1	0	21.40	26.90
	1905	20	1	1	23.10	28.60
			1	104	23.13	28.63
			1	105	21.79	27.29
			1	0	21.44	26.94
CP			1	1	21.74	27.24

16QAM	1852.5	5	1	23	21.94	27.44
			1	24	20.87	26.37
			1	0	20.83	26.33
	1882.5	5	1	1	22.40	27.90
			1	23	22.30	27.80
			1	24	21.33	26.83
			1	0	21.34	26.84
	1912.5	5	1	1	22.18	27.68
			1	23	22.16	27.66
			1	24	21.03	26.53
			1	0	21.06	26.56
	1855	10	1	1	22.44	27.94
			1	50	22.36	27.86
			1	51	21.16	26.66
			1	0	21.22	26.72
	1882.5	10	1	1	22.42	27.92
			1	50	22.35	27.85
			1	51	21.15	26.65
			1	0	21.27	26.77
	1910	10	1	1	22.54	28.04
			1	50	22.54	28.04
			1	51	21.27	26.77
			1	0	21.35	26.85
	1857.5	15	1	1	22.19	27.69
			1	77	21.87	27.37
			1	78	21.14	26.64
			1	0	20.98	26.48
	1882.5	15	1	1	22.12	27.62
			1	77	22.25	27.75
			1	78	21.26	26.76
			1	0	21.27	26.77
	1907.5	15	1	1	22.27	27.77
			1	77	22.40	27.90
			1	78	21.07	26.57
			1	0	21.29	26.79
	1860	20	1	1	22.28	27.78
			1	104	22.27	27.77
			1	105	21.28	26.78
			1	0	21.33	26.83
	1882.5	20	1	1	21.92	27.42
			1	104	22.02	27.52
			1	105	21.22	26.72

	1905	20	1	0	21.23	26.73
			1	1	22.35	27.85
			1	104	22.35	27.85
			1	105	21.30	26.80
			1	0	21.36	26.86
CP 64QAM	1852.5	5	1	1	20.65	26.15
			1	23	20.58	26.08
			1	24	20.57	26.07
			1	0	20.71	26.21
	1882.5	5	1	1	21.02	26.52
			1	23	20.88	26.38
			1	24	20.88	26.38
			1	0	20.93	26.43
	1912.5	5	1	1	20.84	26.34
			1	23	20.71	26.21
			1	24	20.73	26.23
			1	0	20.82	26.32
	1855	10	1	1	20.65	26.15
			1	50	20.57	26.07
			1	51	20.58	26.08
			1	0	20.71	26.21
	1882.5	10	1	1	20.73	26.23
			1	50	20.65	26.15
			1	51	20.60	26.10
			1	0	20.74	26.24
	1910	10	1	1	20.72	26.22
			1	50	20.49	25.99
			1	51	21.08	26.58
			1	0	20.70	26.20
	1857.5	15	1	1	20.92	26.42
			1	77	20.88	26.38
			1	78	20.77	26.27
			1	0	20.81	26.31
	1882.5	15	1	1	20.94	26.44
			1	77	20.97	26.47
			1	78	20.86	26.36
			1	0	21.03	26.53
	1907.5	15	1	1	20.92	26.42
			1	77	20.95	26.45
			1	78	21.03	26.53
			1	0	20.89	26.39
			1	1	20.85	26.35

	1860	20	1	104	20.91	26.41
			1	105	20.85	26.35
			1	0	21.02	26.52
	1882.5	20	1	1	20.88	26.38
			1	104	20.83	26.33
			1	105	20.81	26.31
			1	0	20.91	26.41
	1905	20	1	1	20.86	26.36
			1	104	20.95	26.45
			1	105	20.95	26.45
			1	0	21.02	26.52
CP 256QAM	1852.5	5	1	1	17.29	22.79
			1	23	17.17	22.67
			1	24	17.15	22.65
			1	0	17.26	22.76
	1882.5	5	1	1	17.30	22.80
			1	23	17.20	22.70
			1	24	17.23	22.73
			1	0	17.18	22.68
	1912.5	5	1	1	17.46	22.96
			1	23	17.31	22.81
			1	24	17.43	22.93
			1	0	17.40	22.90
	1855	10	1	1	17.46	22.96
			1	50	17.50	23.00
			1	51	17.43	22.93
			1	0	17.45	22.95
	1882.5	10	1	1	17.60	23.10
			1	50	17.49	22.99
			1	51	17.49	22.99
			1	0	17.57	23.07
	1910	10	1	1	17.60	23.10
			1	50	17.53	23.03
			1	51	17.49	22.99
			1	0	17.55	23.05
	1857.5	15	1	1	17.56	23.06
			1	77	17.44	22.94
			1	78	17.57	23.07
			1	0	17.53	23.03
	1882.5	15	1	1	17.45	22.95
			1	77	17.55	23.05
			1	78	17.55	23.05

			1	0	17.54	23.04
	1907.5	15	1	1	17.53	23.03
			1	77	17.54	23.04
			1	78	17.58	23.08
			1	0	17.57	23.07
	1860	20	1	1	17.53	23.03
			1	104	17.48	22.98
			1	105	17.58	23.08
			1	0	17.61	23.11
	1882.5	20	1	1	17.54	23.04
			1	104	17.61	23.11
			1	105	17.55	23.05
			1	0	17.62	23.12
	1905	20	1	1	17.62	23.12
			1	104	17.72	23.22
			1	105	17.64	23.14
			1	0	18.14	23.64

NR n25

OFDM	Frequency (MHz)	Channel Bandwidth (MHz)	RB Size	RB Offset	Output Power (dBm)	EIRP (dBm)
DFT-s PI/2 BPSK	1852.5	5	1	1	22.98	28.48
			1	23	23.00	28.50
			1	24	22.97	28.47
			1	0	22.97	28.47
	1882.5	5	1	1	23.00	28.50
			1	23	22.97	28.47
			1	24	23.01	28.51
			1	0	22.92	28.42
	1912.5	5	1	1	22.99	28.49
			1	23	22.82	28.32
			1	24	22.92	28.42
			1	0	22.95	28.45
	1855	10	1	1	22.98	28.48
			1	50	22.97	28.47
			1	51	22.97	28.47
			1	0	22.98	28.48
	1882.5	10	1	1	22.90	28.40
			1	50	22.92	28.42
			1	51	22.89	28.39
			1	0	22.92	28.42

	1910	10	1	1	22.86	28.36
			1	50	22.85	28.35
			1	51	22.84	28.34
			1	0	22.94	28.44
	1857.5	15	1	1	23.03	28.53
			1	77	23.14	28.64
			1	78	23.02	28.52
			1	0	23.09	28.59
	1882.5	15	1	1	23.05	28.55
			1	77	23.05	28.55
			1	78	23.02	28.52
			1	0	23.05	28.55
	1907.5	15	1	1	23.08	28.58
			1	77	23.02	28.52
			1	78	23.07	28.57
			1	0	23.00	28.50
	1860	20	1	1	22.99	28.49
			1	104	23.06	28.56
			1	105	23.05	28.55
			1	0	23.17	28.67
	1882.5	20	1	1	23.01	28.51
			1	104	23.07	28.57
			1	105	23.06	28.56
			1	0	22.99	28.49
	1905	20	1	1	23.11	28.61
			1	104	23.00	28.50
			1	105	23.07	28.57
			1	0	23.15	28.65
	1862.5	25	1	1	22.82	28.32
			1	131	22.86	28.36
			1	132	22.81	28.31
			1	0	22.80	28.30
	1882.5	25	1	1	22.91	28.41
			1	131	23.00	28.50
			1	132	22.89	28.39
			1	0	23.05	28.55
	1902.5	25	1	1	22.86	28.36
			1	131	22.90	28.40
			1	132	22.97	28.47
			1	0	22.97	28.47
			1	1	23.12	28.62
			1	158	23.07	28.57

	1865	30	1	159	23.07	28.57
			1	0	23.02	28.52
	1882.5	30	1	1	23.09	28.59
			1	158	22.99	28.49
			1	159	23.00	28.50
			1	0	23.05	28.55
	1900	30	1	1	22.98	28.48
			1	158	23.00	28.50
			1	159	22.97	28.47
			1	0	22.96	28.46
	1870	40	1	1	23.01	28.51
			1	214	22.98	28.48
			1	215	23.10	28.60
			1	0	22.99	28.49
	1882.5	40	1	1	23.07	28.57
			1	214	23.05	28.55
			1	215	23.06	28.56
			1	0	23.05	28.55
	1895	40	1	1	22.97	28.47
			1	214	23.05	28.55
			1	215	22.98	28.48
			1	0	23.01	28.51
DFT-s QPSK	1852.5	5	1	1	22.94	28.44
			1	23	23.00	28.50
			1	24	22.58	28.08
			1	0	22.58	28.08
	1882.5	5	1	1	22.93	28.43
			1	23	22.98	28.48
			1	24	22.53	28.03
			1	0	22.54	28.04
	1912.5	5	1	1	22.93	28.43
			1	23	22.80	28.30
			1	24	22.44	27.94
			1	0	22.48	27.98
	1855	10	1	1	22.88	28.38
			1	50	22.92	28.42
			1	51	22.38	27.88
			1	0	22.38	27.88
	1882.5	10	1	1	22.94	28.44
			1	50	22.96	28.46
			1	51	22.50	28.00
			1	0	22.43	27.93

	1910	10	1	1	22.89	28.39
			1	50	22.87	28.37
			1	51	22.41	27.91
			1	0	22.47	27.97
	1857.5	15	1	1	23.13	28.63
			1	77	23.22	28.72
			1	78	22.59	28.09
			1	0	22.67	28.17
	1882.5	15	1	1	23.10	28.60
			1	77	23.25	28.75
			1	78	22.61	28.11
			1	0	22.61	28.11
	1907.5	15	1	1	22.97	28.47
			1	77	23.04	28.54
			1	78	22.40	27.90
			1	0	22.46	27.96
	1860	20	1	1	23.02	28.52
			1	104	23.03	28.53
			1	105	22.37	27.87
			1	0	22.44	27.94
	1882.5	20	1	1	23.02	28.52
			1	104	23.13	28.63
			1	105	22.56	28.06
			1	0	22.51	28.01
	1905	20	1	1	23.11	28.61
			1	104	23.13	28.63
			1	105	22.69	28.19
			1	0	22.61	28.11
	1862.5	25	1	1	23.06	28.56
			1	131	22.91	28.41
			1	132	22.42	27.92
			1	0	22.39	27.89
	1882.5	25	1	1	22.91	28.41
			1	131	23.06	28.56
			1	132	22.36	27.86
			1	0	22.49	27.99
	1902.5	25	1	1	22.88	28.38
			1	131	22.88	28.38
			1	132	22.43	27.93
			1	0	22.34	27.84
			1	1	23.12	28.62
			1	158	23.23	28.73

	1865	30	1	159	22.71	28.21
			1	0	22.60	28.10
	1882.5	30	1	1	22.93	28.43
			1	158	23.00	28.50
			1	159	22.36	27.86
			1	0	22.45	27.95
	1900	30	1	1	22.96	28.46
			1	158	23.04	28.54
			1	159	22.45	27.95
			1	0	22.38	27.88
	1870	40	1	1	23.01	28.51
			1	214	22.98	28.48
			1	215	22.53	28.03
			1	0	22.47	27.97
	1882.5	40	1	1	23.01	28.51
			1	214	23.06	28.56
			1	215	22.49	27.99
			1	0	22.46	27.96
	1895	40	1	1	22.89	28.39
			1	214	22.87	28.37
			1	215	22.44	27.94
			1	0	22.42	27.92
DFT-s 16QAM	1852.5	5	1	1	22.45	27.95
			1	23	22.47	27.97
			1	24	21.50	27.00
			1	0	21.49	26.99
	1882.5	5	1	1	22.48	27.98
			1	23	22.42	27.92
			1	24	21.46	26.96
			1	0	21.47	26.97
	1912.5	5	1	1	22.31	27.81
			1	23	22.37	27.87
			1	24	21.37	26.87
			1	0	21.50	27.00
	1855	10	1	1	22.32	27.82
			1	50	22.31	27.81
			1	51	21.41	26.91
			1	0	21.42	26.92
	1882.5	10	1	1	22.40	27.90
			1	50	22.43	27.93
			1	51	21.45	26.95
			1	0	21.47	26.97

	1910	10	1	1	22.36	27.86
			1	50	22.33	27.83
			1	51	21.36	26.86
			1	0	21.42	26.92
	1857.5	15	1	1	22.56	28.06
			1	77	22.54	28.04
			1	78	21.39	26.89
			1	0	21.55	27.05
	1882.5	15	1	1	22.56	28.06
			1	77	22.66	28.16
			1	78	21.41	26.91
			1	0	21.41	26.91
	1907.5	15	1	1	22.53	28.03
			1	77	22.51	28.01
			1	78	21.46	26.96
			1	0	21.44	26.94
	1860	20	1	1	22.40	27.90
			1	104	22.42	27.92
			1	105	21.50	27.00
			1	0	21.60	27.10
	1882.5	20	1	1	22.46	27.96
			1	104	22.51	28.01
			1	105	21.58	27.08
			1	0	21.43	26.93
	1905	20	1	1	22.58	28.08
			1	104	22.66	28.16
			1	105	21.57	27.07
			1	0	21.39	26.89
	1862.5	25	1	1	22.44	27.94
			1	131	22.30	27.80
			1	132	21.17	26.67
			1	0	21.17	26.67
	1882.5	25	1	1	22.32	27.82
			1	131	22.47	27.97
			1	132	21.15	26.65
			1	0	21.29	26.79
	1902.5	25	1	1	22.30	27.80
			1	131	22.31	27.81
			1	132	21.44	26.94
			1	0	21.46	26.96
			1	1	22.65	28.15
			1	158	22.64	28.14

	1865	30	1	159	21.38	26.88
			1	0	21.37	26.87
	1882.5	30	1	1	22.32	27.82
			1	158	22.36	27.86
			1	159	21.48	26.98
			1	0	21.46	26.96
	1900	30	1	1	22.44	27.94
			1	158	22.43	27.93
			1	159	21.50	27.00
			1	0	21.44	26.94
	1870	40	1	1	22.42	27.92
			1	214	22.47	27.97
			1	215	21.31	26.81
			1	0	21.50	27.00
	1882.5	40	1	1	22.41	27.91
			1	214	22.55	28.05
			1	215	21.53	27.03
			1	0	21.58	27.08
	1895	40	1	1	22.37	27.87
			1	214	22.50	28.00
			1	215	21.48	26.98
			1	0	21.57	27.07
DFT-s 64QAM	1852.5	5	1	1	21.35	26.85
			1	23	21.37	26.87
			1	24	21.34	26.84
			1	0	21.35	26.85
	1882.5	5	1	1	21.30	26.80
			1	23	21.41	26.91
			1	24	21.32	26.82
			1	0	21.31	26.81
	1912.5	5	1	1	21.30	26.80
			1	23	21.26	26.76
			1	24	21.23	26.73
			1	0	21.36	26.86
	1855	10	1	1	20.84	26.34
			1	50	20.93	26.43
			1	51	20.84	26.34
			1	0	20.84	26.34
	1882.5	10	1	1	21.32	26.82
			1	50	21.34	26.84
			1	51	21.22	26.72
			1	0	21.23	26.73

	1910	10	1	1	21.23	26.73
			1	50	21.27	26.77
			1	51	21.23	26.73
			1	0	21.22	26.72
	1857.5	15	1	1	20.95	26.45
			1	77	20.96	26.46
			1	78	21.06	26.56
			1	0	21.05	26.55
	1882.5	15	1	1	20.88	26.38
			1	77	20.98	26.48
			1	78	20.98	26.48
			1	0	20.90	26.40
	1907.5	15	1	1	20.96	26.46
			1	77	21.00	26.50
			1	78	20.97	26.47
			1	0	20.98	26.48
	1860	20	1	1	21.38	26.88
			1	104	21.34	26.84
			1	105	21.33	26.83
			1	0	21.38	26.88
	1882.5	20	1	1	21.30	26.80
			1	104	21.45	26.95
			1	105	21.47	26.97
			1	0	21.38	26.88
	1905	20	1	1	21.44	26.94
			1	104	20.86	26.36
			1	105	21.42	26.92
			1	0	21.46	26.96
	1862.5	25	1	1	20.72	26.22
			1	131	20.70	26.20
			1	132	20.73	26.23
			1	0	20.79	26.29
	1882.5	25	1	1	20.72	26.22
			1	131	20.79	26.29
			1	132	20.70	26.20
			1	0	20.93	26.43
	1902.5	25	1	1	20.87	26.37
			1	131	20.90	26.40
			1	132	20.84	26.34
			1	0	20.80	26.30
			1	1	20.82	26.32
			1	158	20.96	26.46

	1865	30	1	159	20.94	26.44
			1	0	20.93	26.43
	1882.5	30	1	1	21.09	26.59
			1	158	20.94	26.44
			1	159	20.92	26.42
			1	0	21.08	26.58
	1900	30	1	1	20.89	26.39
			1	158	20.98	26.48
			1	159	20.94	26.44
			1	0	20.85	26.35
	1870	40	1	1	21.28	26.78
			1	214	21.19	26.69
			1	215	20.97	26.47
			1	0	20.91	26.41
	1882.5	40	1	1	21.01	26.51
			1	214	21.02	26.52
			1	215	21.08	26.58
			1	0	20.90	26.40
	1895	40	1	1	21.03	26.53
			1	214	20.97	26.47
			1	215	20.82	26.32
			1	0	20.95	26.45
DFT-s 256QAM	1852.5	5	1	1	18.63	24.13
			1	23	18.70	24.20
			1	24	18.76	24.26
			1	0	18.73	24.23
	1882.5	5	1	1	18.66	24.16
			1	23	18.75	24.25
			1	24	18.73	24.23
			1	0	18.68	24.18
	1912.5	5	1	1	18.80	24.30
			1	23	18.70	24.20
			1	24	18.59	24.09
			1	0	18.69	24.19
	1855	10	1	1	18.66	24.16
			1	50	18.64	24.14
			1	51	18.64	24.14
			1	0	18.57	24.07
	1882.5	10	1	1	18.61	24.11
			1	50	18.63	24.13
			1	51	18.64	24.14
			1	0	18.64	24.14

	1910	10	1	1	18.66	24.16
			1	50	18.57	24.07
			1	51	18.45	23.95
			1	0	18.55	24.05
	1857.5	15	1	1	18.66	24.16
			1	77	18.68	24.18
			1	78	18.60	24.10
			1	0	18.67	24.17
	1882.5	15	1	1	18.73	24.23
			1	77	18.82	24.32
			1	78	18.71	24.21
			1	0	18.73	24.23
	1907.5	15	1	1	18.74	24.24
			1	77	18.72	24.22
			1	78	18.71	24.21
			1	0	18.76	24.26
	1860	20	1	1	18.68	24.18
			1	104	19.17	24.67
			1	105	18.64	24.14
			1	0	18.70	24.20
	1882.5	20	1	1	18.80	24.30
			1	104	18.84	24.34
			1	105	18.80	24.30
			1	0	18.74	24.24
	1905	20	1	1	18.79	24.29
			1	104	18.76	24.26
			1	105	18.75	24.25
			1	0	18.77	24.27
	1862.5	25	1	1	18.58	24.08
			1	131	18.53	24.03
			1	132	18.57	24.07
			1	0	18.52	24.02
	1882.5	25	1	1	18.63	24.13
			1	131	18.67	24.17
			1	132	18.62	24.12
			1	0	18.71	24.21
	1902.5	25	1	1	18.70	24.20
			1	131	18.60	24.10
			1	132	18.68	24.18
			1	0	18.57	24.07
			1	1	18.82	24.32
			1	158	18.85	24.35

	1865	30	1	159	18.82	24.32
			1	0	18.82	24.32
	1882.5	30	1	1	18.83	24.33
			1	158	18.70	24.20
			1	159	18.68	24.18
			1	0	18.69	24.19
	1900	30	1	1	18.74	24.24
			1	158	18.82	24.32
			1	159	18.78	24.28
			1	0	18.72	24.22
	1870	40	1	1	18.85	24.35
			1	214	18.86	24.36
			1	215	18.85	24.35
			1	0	18.83	24.33
	1882.5	40	1	1	18.78	24.28
			1	214	18.88	24.38
			1	215	18.86	24.36
			1	0	18.76	24.26
	1895	40	1	1	18.81	24.31
			1	214	18.87	24.37
			1	215	18.69	24.19
			1	0	18.83	24.33
CP QPSK	1852.5	5	1	1	21.80	27.30
			1	23	21.93	27.43
			1	24	20.43	25.93
			1	0	20.45	25.95
	1882.5	5	1	1	21.90	27.40
			1	23	21.77	27.27
			1	24	20.50	26.00
			1	0	20.46	25.96
	1912.5	5	1	1	21.91	27.41
			1	23	21.82	27.32
			1	24	20.37	25.87
			1	0	20.26	25.76
	1855	10	1	1	21.74	27.24
			1	50	21.88	27.38
			1	51	20.36	25.86
			1	0	20.46	25.96
	1882.5	10	1	1	21.81	27.31
			1	50	21.81	27.31
			1	51	20.39	25.89
			1	0	20.40	25.90

	1910	10	1	1	21.85	27.35
			1	50	21.98	27.48
			1	51	20.25	25.75
			1	0	20.33	25.83
	1857.5	15	1	1	21.91	27.41
			1	77	21.95	27.45
			1	78	20.56	26.06
			1	0	20.64	26.14
	1882.5	15	1	1	21.99	27.49
			1	77	22.09	27.59
			1	78	20.53	26.03
			1	0	20.53	26.03
	1907.5	15	1	1	22.01	27.51
			1	77	21.98	27.48
			1	78	20.53	26.03
			1	0	20.42	25.92
	1860	20	1	1	21.85	27.35
			1	104	21.95	27.45
			1	105	20.51	26.01
			1	0	20.58	26.08
	1882.5	20	1	1	21.95	27.45
			1	104	21.90	27.40
			1	105	20.47	25.97
			1	0	20.62	26.12
	1905	20	1	1	22.05	27.55
			1	104	22.02	27.52
			1	105	20.57	26.07
			1	0	20.73	26.23
	1862.5	25	1	1	21.75	27.25
			1	131	21.74	27.24
			1	132	20.36	25.86
			1	0	20.37	25.87
	1882.5	25	1	1	21.87	27.37
			1	131	21.84	27.34
			1	132	20.48	25.98
			1	0	20.49	25.99
	1902.5	25	1	1	21.87	27.37
			1	131	21.74	27.24
			1	132	20.42	25.92
			1	0	20.49	25.99
			1	1	21.82	27.32
			1	158	22.11	27.61

	1865	30	1	159	20.48	25.98
			1	0	20.43	25.93
	1882.5	30	1	1	22.04	27.54
			1	158	21.94	27.44
			1	159	21.06	26.56
			1	0	20.46	25.96
	1900	30	1	1	21.97	27.47
			1	158	21.98	27.48
			1	159	20.45	25.95
			1	0	20.41	25.91
	1870	40	1	1	21.93	27.43
			1	214	22.04	27.54
			1	215	20.55	26.05
			1	0	20.52	26.02
	1882.5	40	1	1	22.17	27.67
			1	214	22.00	27.50
			1	215	20.56	26.06
			1	0	20.55	26.05
	1895	40	1	1	21.92	27.42
			1	214	22.02	27.52
			1	215	20.46	25.96
			1	0	20.47	25.97
CP 16QAM	1852.5	5	1	1	21.43	26.93
			1	23	21.58	27.08
			1	24	20.47	25.97
			1	0	20.51	26.01
	1882.5	5	1	1	21.47	26.97
			1	23	21.56	27.06
			1	24	20.51	26.01
			1	0	20.43	25.93
	1912.5	5	1	1	21.54	27.04
			1	23	21.44	26.94
			1	24	20.35	25.85
			1	0	20.43	25.93
	1855	10	1	1	21.36	26.86
			1	50	21.35	26.85
			1	51	20.20	25.70
			1	0	20.26	25.76
	1882.5	10	1	1	21.42	26.92
			1	50	21.50	27.00
			1	51	20.41	25.91
			1	0	20.33	25.83

	1910	10	1	1	21.43	26.93
			1	50	21.48	26.98
			1	51	20.25	25.75
			1	0	20.34	25.84
	1857.5	15	1	1	21.68	27.18
			1	77	21.84	27.34
			1	78	20.31	25.81
			1	0	20.29	25.79
	1882.5	15	1	1	21.69	27.19
			1	77	21.71	27.21
			1	78	20.34	25.84
			1	0	20.31	25.81
	1907.5	15	1	1	21.67	27.17
			1	77	21.63	27.13
			1	78	20.26	25.76
			1	0	20.17	25.67
	1860	20	1	1	21.39	26.89
			1	104	21.57	27.07
			1	105	20.45	25.95
			1	0	20.69	26.19
	1882.5	20	1	1	21.53	27.03
			1	104	21.59	27.09
			1	105	20.66	26.16
			1	0	20.63	26.13
	1905	20	1	1	21.81	27.31
			1	104	21.92	27.42
			1	105	20.26	25.76
			1	0	20.73	26.23
	1862.5	25	1	1	21.50	27.00
			1	131	21.58	27.08
			1	132	20.21	25.71
			1	0	20.02	25.52
	1882.5	25	1	1	21.49	26.99
			1	131	21.65	27.15
			1	132	20.15	25.65
			1	0	20.18	25.68
	1902.5	25	1	1	21.33	26.83
			1	131	21.33	26.83
			1	132	20.38	25.88
			1	0	20.36	25.86
			1	1	21.58	27.08
			1	158	21.65	27.15

	1865	30	1	159	20.19	25.69
			1	0	20.15	25.65
	1882.5	30	1	1	21.41	26.91
			1	158	21.48	26.98
			1	159	20.36	25.86
			1	0	20.36	25.86
	1900	30	1	1	21.33	26.83
			1	158	21.47	26.97
			1	159	20.36	25.86
			1	0	20.26	25.76
	1870	40	1	1	21.40	26.90
			1	214	21.55	27.05
			1	215	20.35	25.85
			1	0	20.39	25.89
	1882.5	40	1	1	21.43	26.93
			1	214	21.50	27.00
			1	215	20.39	25.89
			1	0	20.57	26.07
	1895	40	1	1	21.38	26.88
			1	214	21.65	27.15
			1	215	20.38	25.88
			1	0	20.49	25.99
CP 64QAM	1852.5	5	1	1	20.06	25.56
			1	23	20.10	25.60
			1	24	20.15	25.65
			1	0	20.11	25.61
	1882.5	5	1	1	20.09	25.59
			1	23	20.15	25.65
			1	24	20.12	25.62
			1	0	20.16	25.66
	1912.5	5	1	1	20.14	25.64
			1	23	20.01	25.51
			1	24	19.95	25.45
			1	0	20.00	25.50
	1855	10	1	1	19.88	25.38
			1	50	19.91	25.41
			1	51	19.84	25.34
			1	0	19.87	25.37
	1882.5	10	1	1	20.05	25.55
			1	50	20.12	25.62
			1	51	20.10	25.60
			1	0	20.07	25.57

	1910	10	1	1	20.13	25.63
			1	50	20.03	25.53
			1	51	19.97	25.47
			1	0	20.01	25.51
	1857.5	15	1	1	19.91	25.41
			1	77	20.01	25.51
			1	78	19.88	25.38
			1	0	19.87	25.37
	1882.5	15	1	1	19.93	25.43
			1	77	19.89	25.39
			1	78	19.94	25.44
			1	0	19.88	25.38
	1907.5	15	1	1	19.99	25.49
			1	77	19.90	25.40
			1	78	19.98	25.48
			1	0	19.94	25.44
	1860	20	1	1	20.11	25.61
			1	104	20.24	25.74
			1	105	19.98	25.48
			1	0	20.13	25.63
	1882.5	20	1	1	19.86	25.36
			1	104	19.94	25.44
			1	105	19.89	25.39
			1	0	20.06	25.56
	1905	20	1	1	19.92	25.42
			1	104	19.83	25.33
			1	105	19.91	25.41
			1	0	20.16	25.66
	1862.5	25	1	1	19.69	25.19
			1	131	19.67	25.17
			1	132	19.65	25.15
			1	0	19.13	24.63
	1882.5	25	1	1	19.68	25.18
			1	131	19.90	25.40
			1	132	19.71	25.21
			1	0	19.84	25.34
	1902.5	25	1	1	19.82	25.32
			1	131	19.85	25.35
			1	132	19.80	25.30
			1	0	19.89	25.39
			1	1	19.89	25.39
			1	158	19.80	25.30

	1865	30	1	159	19.88	25.38
			1	0	19.83	25.33
	1882.5	30	1	1	20.21	25.71
			1	158	19.95	25.45
			1	159	20.09	25.59
			1	0	19.93	25.43
	1900	30	1	1	19.88	25.38
			1	158	19.99	25.49
			1	159	20.05	25.55
			1	0	19.84	25.34
	1870	40	1	1	19.85	25.35
			1	214	19.99	25.49
			1	215	20.02	25.52
			1	0	19.93	25.43
	1882.5	40	1	1	19.95	25.45
			1	214	20.07	25.57
			1	215	19.99	25.49
			1	0	19.96	25.46
	1895	40	1	1	19.94	25.44
			1	214	19.99	25.49
			1	215	19.93	25.43
			1	0	19.96	25.46
CP 256QAM	1852.5	5	1	1	17.19	22.69
			1	23	17.23	22.73
			1	24	17.14	22.64
			1	0	17.14	22.64
	1882.5	5	1	1	16.77	22.27
			1	23	16.90	22.40
			1	24	16.75	22.25
			1	0	16.82	22.32
	1912.5	5	1	1	17.21	22.71
			1	23	17.25	22.75
			1	24	17.20	22.70
			1	0	17.28	22.78
	1855	10	1	1	17.06	22.56
			1	50	17.07	22.57
			1	51	17.04	22.54
			1	0	17.08	22.58
	1882.5	10	1	1	17.03	22.53
			1	50	17.04	22.54
			1	51	17.03	22.53
			1	0	17.06	22.56

	1910	10	1	1	17.06	22.56
			1	50	17.06	22.56
			1	51	16.92	22.42
			1	0	16.99	22.49
	1857.5	15	1	1	16.85	22.35
			1	77	16.83	22.33
			1	78	16.91	22.41
			1	0	16.98	22.48
	1882.5	15	1	1	17.03	22.53
			1	77	16.95	22.45
			1	78	16.90	22.40
			1	0	16.88	22.38
	1907.5	15	1	1	16.99	22.49
			1	77	17.01	22.51
			1	78	16.91	22.41
			1	0	16.89	22.39
	1860	20	1	1	17.15	22.65
			1	104	17.19	22.69
			1	105	17.26	22.76
			1	0	16.75	22.25
	1882.5	20	1	1	17.21	22.71
			1	104	17.13	22.63
			1	105	17.15	22.65
			1	0	16.72	22.22
	1905	20	1	1	16.95	22.45
			1	104	16.80	22.30
			1	105	16.96	22.46
			1	0	16.94	22.44
	1862.5	25	1	1	17.14	22.64
			1	131	17.06	22.56
			1	132	17.21	22.71
			1	0	16.99	22.49
	1882.5	25	1	1	17.19	22.69
			1	131	17.20	22.70
			1	132	17.23	22.73
			1	0	17.28	22.78
	1902.5	25	1	1	17.18	22.68
			1	131	17.17	22.67
			1	132	17.28	22.78
			1	0	17.19	22.69
			1	1	17.03	22.53
			1	158	16.99	22.49

	1865	30	1	159	17.07	22.57
			1	0	17.03	22.53
	1882.5	30	1	1	17.11	22.61
			1	158	17.00	22.50
			1	159	17.00	22.50
			1	0	17.13	22.63
	1900	30	1	1	16.91	22.41
			1	158	17.11	22.61
			1	159	17.00	22.50
			1	0	17.00	22.50
	1870	40	1	1	17.29	22.79
			1	214	17.30	22.80
			1	215	17.35	22.85
			1	0	17.31	22.81
	1882.5	40	1	1	17.35	22.85
			1	214	17.32	22.82
			1	215	17.39	22.89
			1	0	17.38	22.88
	1895	40	1	1	17.10	22.60
			1	214	17.03	22.53
			1	215	17.25	22.75
			1	0	17.10	22.60

6.2. Radiated Spurious Emission

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

LTE Band 2 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3759.10	-66.07	2.60	12.50	Horizontal	-56.17	-13.00	43.17	199
3	5638.88	-64.18	3.30	12.50	Horizontal	-54.98	-13.00	41.98	270
4	7520.00	-56.18	4.20	12.20	Horizontal	-48.18	-13.00	35.18	150
5	9400.00	-54.02	4.30	11.10	Horizontal	-47.22	-13.00	34.22	214
6	11280.00	-50.86	5.90	11.90	Horizontal	-44.86	-13.00	31.86	22
7	13160.00	-52.29	5.70	14.00	Horizontal	-43.99	-13.00	30.99	147
8	15040.00	-50.97	5.80	13.10	Horizontal	-43.67	-13.00	30.67	45
9	16920.00	-51.81	6.10	14.60	Horizontal	-43.31	-13.00	30.31	147
10	18800.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 2 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3755.63	-67.11	2.60	12.50	Horizontal	-57.21	-13.00	44.21	159
3	5633.63	-63.98	3.30	12.50	Horizontal	-54.78	-13.00	41.78	22
4	7510.00	-56.39	4.20	12.20	Horizontal	-48.39	-13.00	35.39	99
5	9387.50	-53.20	4.30	11.10	Horizontal	-46.40	-13.00	33.40	147
6	11265.00	-50.47	5.90	11.90	Horizontal	-44.47	-13.00	31.47	20
7	13142.00	-51.41	5.70	14.00	Horizontal	-43.11	-13.00	30.11	311
8	15020.00	-51.67	5.80	13.10	Horizontal	-44.37	-13.00	31.37	201
9	16897.50	-52.62	6.10	14.60	Horizontal	-44.12	-13.00	31.12	117
10	18800.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 2 20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3742.13	-67.16	2.60	12.50	Horizontal	-57.26	-13.00	44.26	50
3	5613.38	-63.63	3.30	12.50	Horizontal	-54.43	-13.00	41.43	311
4	7484.63	-56.53	4.20	12.20	Horizontal	-48.53	-13.00	35.53	241
5	9355.33	-53.27	4.30	11.10	Horizontal	-46.47	-13.00	33.47	180
6	11226.39	-52.08	5.90	11.90	Horizontal	-46.08	-13.00	33.08	147
7	13097.46	-53.42	5.70	14.00	Horizontal	-45.12	-13.00	32.12	33
8	14968.52	-49.84	5.80	13.10	Horizontal	-42.54	-13.00	29.54	24
9	16938.59	-51.83	6.10	14.60	Horizontal	-43.33	-13.00	30.33	157
10	18800.00	#VAL UE!	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 25 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3763.80	-67.20	2.60	12.50	Horizontal	-57.30	-13.00	44.30	189
3	5645.90	-63.96	3.30	12.50	Horizontal	-54.76	-13.00	41.76	76
4	7530.00	-56.68	4.20	12.20	Horizontal	-48.68	-13.00	35.68	40
5	9412.50	-54.10	4.30	11.10	Horizontal	-47.30	-13.00	34.30	275
6	11295.00	-51.97	5.90	11.90	Horizontal	-45.97	-13.00	32.97	263
7	13177.50	-50.65	5.70	14.00	Horizontal	-42.35	-13.00	29.35	101
8	15060.00	-52.32	5.80	13.10	Horizontal	-45.02	-13.00	32.02	2
9	16942.50	-51.28	6.10	14.60	Horizontal	-42.78	-13.00	29.78	251
10	18825.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 25 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3760.80	-67.02	2.60	12.50	Horizontal	-57.12	-13.00	44.12	31
3	5641.30	-63.11	3.30	12.50	Horizontal	-53.91	-13.00	40.91	64
4	7530.00	-56.60	4.20	12.20	Horizontal	-48.60	-13.00	35.60	215
5	9412.50	-54.00	4.30	11.10	Horizontal	-47.20	-13.00	34.20	255
6	11295.00	-48.79	5.90	11.90	Horizontal	-42.79	-13.00	29.79	312
7	13177.50	-50.69	5.70	14.00	Horizontal	-42.39	-13.00	29.39	182
8	15060.00	-52.83	5.80	13.10	Horizontal	-45.53	-13.00	32.53	3
9	16942.50	-51.19	6.10	14.60	Horizontal	-42.69	-13.00	29.69	0
10	18825.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 25 20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3747.30	-66.96	2.60	12.50	Horizontal	-57.06	-13.00	44.06	245
3	5620.70	-63.61	3.30	12.50	Horizontal	-54.41	-13.00	41.41	220
4	7496.00	-56.13	4.20	12.20	Horizontal	-48.13	-13.00	35.13	84
5	9370.00	-53.68	4.30	11.10	Horizontal	-46.88	-13.00	33.88	295
6	11244.00	-50.59	5.90	11.90	Horizontal	-44.59	-13.00	31.59	0
7	13118.00	-51.56	5.70	14.00	Horizontal	-43.26	-13.00	30.26	309
8	14992.00	-50.63	5.80	13.10	Horizontal	-43.33	-13.00	30.33	295
9	16866.00	-52.71	6.10	14.60	Horizontal	-44.21	-13.00	31.21	0
10	18740.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_2C 20MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3720.00	-68.30	2.60	12.50	Horizontal	-58.40	-13.00	45.40	225
3	5580.00	-63.87	3.30	12.50	Horizontal	-54.67	-13.00	41.67	257
4	7440.00	-55.75	4.20	12.20	Horizontal	-47.75	-13.00	34.75	114
5	9300.00	-53.93	4.30	11.10	Horizontal	-47.13	-13.00	34.13	95
6	11160.00	-51.86	5.90	11.90	Horizontal	-45.86	-13.00	32.86	22
7	13020.00	-51.96	5.70	14.00	Horizontal	-43.66	-13.00	30.66	312.00
8	14880.00	-50.24	5.80	13.10	Horizontal	-42.94	-13.00	29.94	90
9	16740.00	-52.83	6.10	14.60	Horizontal	-44.33	-13.00	31.33	118
10	18600.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_2C 15MHz+15MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3730.00	-67.49	2.60	12.50	Horizontal	-57.59	-13.00	44.59	90
3	5595.00	-63.55	3.30	12.50	Horizontal	-54.35	-13.00	41.35	315
4	7460.00	-56.18	4.20	12.20	Horizontal	-48.18	-13.00	35.18	90
5	9325.00	-53.38	4.30	11.10	Horizontal	-46.58	-13.00	33.58	135
6	11190.00	-51.92	5.90	11.90	Horizontal	-45.92	-13.00	32.92	125
7	13055.00	-52.11	5.70	14.00	Horizontal	-43.81	-13.00	30.81	22
8	14920.00	-50.18	5.80	13.10	Horizontal	-42.88	-13.00	29.88	147
9	16785.00	-52.42	6.10	14.60	Horizontal	-43.92	-13.00	30.92	308
10	18650.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_2C 20MHz+5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3735.00	-68.45	2.60	12.50	Horizontal	-58.55	-13.00	45.55	115
3	5602.50	-65.37	3.30	12.50	Horizontal	-56.17	-13.00	43.17	90
4	7470.00	-56.44	4.20	12.20	Horizontal	-48.44	-13.00	35.44	154
5	9337.50	-53.08	4.30	11.10	Horizontal	-46.28	-13.00	33.28	32
6	11205.00	-52.41	5.90	11.90	Horizontal	-46.41	-13.00	33.41	224
7	13072.50	-52.00	5.70	14.00	Horizontal	-43.70	-13.00	30.70	180
8	14940.00	-49.74	5.80	13.10	Horizontal	-42.44	-13.00	29.44	224
9	16807.50	-54.35	6.10	14.60	Horizontal	-45.85	-13.00	32.85	47
10	18675.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_2C 5MHz+20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3736.60	-68.26	2.60	12.50	Horizontal	-58.36	-13.00	45.36	0
3	5604.90	-64.31	3.30	12.50	Horizontal	-55.11	-13.00	42.11	147
4	7473.20	-55.87	4.20	12.20	Horizontal	-47.87	-13.00	34.87	315
5	9341.50	-55.55	4.30	11.10	Horizontal	-48.75	-13.00	35.75	180
6	11209.80	-53.33	5.90	11.90	Horizontal	-47.33	-13.00	34.33	22
7	13078.10	-52.69	5.70	14.00	Horizontal	-44.39	-13.00	31.39	184
8	14946.40	-52.72	5.80	13.10	Horizontal	-45.42	-13.00	32.42	21
9	16814.70	-54.15	6.10	14.60	Horizontal	-45.65	-13.00	32.65	310
10	18683.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

NR n2 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3755.00	-66.75	2.60	12.50	Vertical	-56.85	-13.00	43.85	14
3	5632.50	-62.03	3.30	12.50	Vertical	-52.83	-13.00	39.83	22
4	7510.00	-55.85	4.20	12.20	Vertical	-47.85	-13.00	34.85	175
5	9387.50	-51.24	4.30	11.10	Vertical	-44.44	-13.00	31.44	28
6	11266.60	-49.06	5.90	11.90	Vertical	-43.06	-13.00	30.06	76
7	13142.50	-51.67	5.70	14.00	Vertical	-43.37	-13.00	30.37	28
8	15020.00	-50.68	5.80	13.10	Vertical	-43.38	-13.00	30.38	14
9	16897.50	-51.47	6.10	14.60	Vertical	-42.97	-13.00	29.97	62
10	18775.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n2 10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3750.00	-66.40	2.60	12.50	Vertical	-56.50	-13.00	43.50	247
3	5625.00	-63.27	3.30	12.50	Vertical	-54.07	-13.00	41.07	144
4	7500.00	-56.74	4.20	12.20	Vertical	-48.74	-13.00	35.74	38
5	9375.00	-52.03	4.30	11.10	Vertical	-45.23	-13.00	32.23	76
6	11250.00	-51.20	5.90	11.90	Vertical	-45.20	-13.00	32.20	16
7	13125.00	-51.42	5.70	14.00	Vertical	-43.12	-13.00	30.12	24
8	15000.00	-48.94	5.80	13.10	Vertical	-41.64	-13.00	28.64	174
9	16875.00	-52.14	6.10	14.60	Vertical	-43.64	-13.00	30.64	43
10	18750.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n2 20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3740.00	-67.78	2.60	12.50	Vertical	-57.88	-13.00	44.88	17
3	5610.00	-63.82	3.30	12.50	Vertical	-54.62	-13.00	41.62	211
4	7480.00	-56.05	4.20	12.20	Vertical	-48.05	-13.00	35.05	70
5	9350.00	-53.78	4.30	11.10	Vertical	-46.98	-13.00	33.98	78
6	11011.60	-50.66	5.90	11.90	Vertical	-44.66	-38.97	31.66	310
7	13090.00	-52.09	5.70	14.00	Vertical	-43.79	-13.00	30.79	43
8	14960.00	-49.94	5.80	13.10	Vertical	-42.64	-13.00	29.64	180
9	16830.00	-51.96	6.10	14.60	Vertical	-43.46	-13.00	30.46	221
10	18700.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n25 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3760.00	-68.67	2.60	12.50	Vertical	-58.77	-13.00	45.77	15
3	5640.00	-64.73	3.30	12.50	Vertical	-55.53	-13.00	42.53	134
4	7520.00	-56.61	4.20	12.20	Vertical	-48.61	-13.00	35.61	45
5	9400.00	-55.06	4.30	11.10	Vertical	-48.26	-13.00	35.26	99
6	11280.00	-49.64	5.90	11.90	Vertical	-43.64	-13.00	30.64	72
7	13160.00	-51.93	5.70	14.00	Vertical	-43.63	-13.00	30.63	25
8	15040.00	-51.22	5.80	13.10	Vertical	-43.92	-13.00	30.92	23
9	16920.00	-51.92	6.10	14.60	Vertical	-43.42	-13.00	30.42	180
10	18800.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n25 10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3755.00	-68.32	2.60	12.50	Vertical	-58.42	-13.00	45.42	187
3	5632.50	-63.48	3.30	12.50	Vertical	-54.28	-13.00	41.28	36
4	7510.00	-55.91	4.20	12.20	Vertical	-47.91	-13.00	34.91	96
5	9387.50	-54.02	4.30	11.10	Vertical	-47.22	-13.00	34.22	220
6	11265.00	-51.02	5.90	11.90	Vertical	-45.02	-13.00	32.02	78
7	13142.50	-51.10	5.70	14.00	Vertical	-42.80	-13.00	29.80	247
8	15020.00	-51.19	5.80	13.10	Vertical	-43.89	-13.00	30.89	39
9	16897.50	-51.96	6.10	14.60	Vertical	-43.46	-13.00	30.46	187
10	18775.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n25 20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3745.00	-68.65	2.60	12.50	Vertical	-58.75	-13.00	45.75	241
3	5617.50	-63.43	3.30	12.50	Vertical	-54.23	-13.00	41.23	108
4	7490.00	-55.71	4.20	12.20	Vertical	-47.71	-13.00	34.71	274
5	9362.50	-54.72	4.30	11.10	Vertical	-47.92	-13.00	34.92	90
6	11235.00	-50.50	5.90	11.90	Vertical	-44.50	-13.00	31.50	37
7	13107.50	-51.58	5.70	14.00	Vertical	-43.28	-13.00	30.28	221
8	14980.00	-50.87	5.80	13.10	Vertical	-43.57	-13.00	30.57	41
9	16852.50	-51.87	6.10	14.60	Vertical	-43.37	-13.00	30.37	147
10	18725.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

7. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Spectrum Analyzer	R&S	FSV30	100815	2023-12-05	2024-12-04
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	391	2022-09-29	2025-09-28
Horn Antenna	SCHWARZBECK	BBHA 9120D	1594	2023-12-05	2026-12-04
Software	R&S	EMC32	10.35.10	/	/

ANNEX A: The EUT Appearance

The EUT Appearance is submitted separately.

ANNEX B: Test Setup Photos

The Test Setup Photos is submitted separately.

***** END OF REPORT *****