RF TEST REPORT

Applicant	Smawave Technology Co. ,Ltd
FCC ID	2AU8HSRU820
Product	5G ODU_NA
Brand	Smawave
Model	SRU820
Report No.	R2408A1126-R1
Issue Date	October 25, 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 96E (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*

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TABLE OF CONTENT

Summary of Measurement Results

No.	Test Type	Clause in FCC rules	Verdict
1	RF power output	2.1046/ 96.41(b)	PASS
2	Maximum Effective Isotropic Radiated Power and Maximum Power Spectral Density	96.41(b)	PASS
3	Occupied Bandwidth	2.1049/ 96.41	PASS
4	Band Edge Compliance	2.1051/ 96.41(e)	PASS
5	Peak-to-Average Power Ratio	96.41(g)	PASS
6	Frequency Stability	2.1055	PASS
7	Spurious Emissions at Antenna Terminals	2.1051 / 96.41(e)	PASS
8	Radiated Spurious Emission	2.1051 / 96.41(e)	PASS
Date of Testing: August 16, 2024~ September 11, 2024 Date of Sample Received: August 15, 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.			

Test Case	Testing Location
RF power output	Eurofins TA Technology (Shanghai) Co., Ltd. Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China **A2LA (Certificate Number: 3857.01)**
Maximum Effective Isotropic Radiated Power and Maximum Power Spectral Density	
Occupied Bandwidth	
Band Edge Compliance	
Peak-to-Average Power Ratio	
Frequency Stability	
Spurious Emissions at Antenna Terminals	
Radiated Spurious Emission	SUSHI TOWE WIRELESS TESTING (SHENZHEN) CO., LTD. F 401 and F 101, Building E, Hongwei Industrial Zone, No. 6, Liuxian 3rd Road, Zone 70, Xingdong Community, Xin'an Street, Bao'an District, Shenzhen, People's Republic of China **A2LA (Certificate Number: 7088.01)**

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 electromagnetic emissions measurements.

A2LA (Certificate Number: 3857.01)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission 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
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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	SRU820	
IMEI	Conducted	864419070034704
	Radiated	864419070020620
Hardware Version	V1.0	
Software Version	SRU820-EUN-V1.0.0	
Power Supply	External power supply	
Antenna Type	Internal Antenna	
Device	Category B CBSD	
Antenna Gain	LTE Band 48	19.42 dBi
	NR n48	19.42 dBi
Test Mode(s)	LTE Band 48; NR n48	
Test Modulation	LTE Band 48	QPSK, 16QAM, 64QAM;
	NR n48	CP-OFDM: QPSK, 16QAM, 64QAM, 256QAM; DFT-s OFDM: PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM
Maximum Conducted Power	LTE Band 48	24.77 dBm
	CA_48B	23.48 dBm
	CA_48C	24.22 dBm
	NR n48	23.90 dBm
Maximum EIRP	LTE Band 48	43.07 dBm/10MHz
	CA_48B	40.30 dBm/10MHz
	CA_48C	40.30 dBm/10MHz
	NR n48	42.48 dBm/10MHz
Maximum EIRP PSD	LTE Band 48	36.91 dBm/MHz
	CA_48B	31.05 dBm/MHz

	CA_48C	33.28 dBm/MHz	
	NR n48	34.82 dBm/MHz	
Rated Power Supply Voltage	52VDC		
Operating Voltage	Minimum: 50.5VDC Maximum: 53.5VDC		
Operating Temperature	Lowest: -30°C Highest: +55°C		
Testing Temperature	Lowest: -30°C Highest: +50°C		
Operating Frequency Range(s)	Band	Tx (MHz)	Rx (MHz)
	LTE Band 48	3550-3700	3550-3700
	NR n48	3550-3700	3550-3700
UL CA Band	CA_48B; CA_48C		
EUT Accessory			
Adapter 1	Manufacturer: SHENZHEN TOPOW ELECTRONICS CO., LTD Model: TPT15S54A-PSE		
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 Adapter, each one should be applied throughout the compliance test respectively, and however, only the worst case (Adapter 2) 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 47 CFR Part 96E (2023)

ANSI / TIA-603-E

Reference standard:

FCC 47 CFR Part 2 (2023)

4. Test Configuration

All mode and data rates and positions were investigated. Subsequently, only the worst case emissions are reported.
The following testing in LTE is set based on the maximum RF Output Power.
Test modes are chosen to be reported as the worst case configuration below:

Test modes are chosen as the worst case configuration below for LTE Band 48.

Test items	Bandwidth (MHz)				Modulation				RB			Test Channel		
	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	50%	100%	L	M	H
RF Power Output	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Maximum Effective Isotropic Radiated Power and Maximum Power Spectral Density	O	O	O	O	O	O	O	O	--	--	O	O	O	O
Occupied Bandwidth	O	O	O	O	O	O	O	O	--	--	O	O	O	O
Band Edge Compliance	O	O	O	O	O	O	O	O	O	--	O	O	--	O
Peak-to-Average Power Ratio	O	O	O	O	O	O	O	O	--	--	O	O	O	O
Frequency Stability	O	O	O	O	O	O	O	O	O	--	--	--	O	--
Spurious Emissions at Antenna Terminals	O	O	O	O	O	--	--	--	O	--	--	O	O	O
Radiated Spurious Emission	O	O	--	O	O	--	--	--	O	--	--	O	O	O
Note	1. The mark “O” means that this configuration is chosen for testing. 2. The mark “-” means that this configuration is not testing.													

Test modes are chosen as the worst case configuration below for CA_48B/ CA_48C.

Test items	Band	Bandwidth (MHz)								Modulation				Test Channel		
		10+10	5+20	10+20	15+20	20+5	20+10	20+15	20+20	QPSK	16QAM	64QAM	256QAM	L	M	H
RF Power Output	CA_48B	O	--	--	--	--	--	--	--	O	O	O	O	O	O	O
	CA_48C	--	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Maximum Effective Isotropic Radiated Power and Maximum Power Spectral Density	CA_48B	O	--	--	--	--	--	--	--	O	O	O	O	O	O	O
	CA_48C	--	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Occupied Bandwidth	CA_48B	O	--	--	--	--	--	--	--	O	O	O	O	O	O	O
	CA_48C	--	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Band Edge	CA_48B	O	--	--	--	--	--	--	--	O	O	O	O	O	--	O

Compliance	CA_48C	--	--	--	--	O	--	--	O	O	O	O	O	O	--	O
Peak-to-Average Power Ratio	CA_48B	O	--	--	--	--	--	--	--	O	O	O	O	--	O	--
	CA_48C	--	O	O	O	O	O	O	O	O	O	O	O	--	O	--
Frequency Stability	CA_48B	--	--	--	--	O	--	--	O	O	O	O	O	--	O	--
	CA_48C	--	--	--	--	O	--	--	O	O	O	O	O	--	O	--
Spurious Emissions at Antenna Terminals	CA_48B	O	--	--	--	--	--	--	--	O	O	O	O	O	O	O
	CA_48C	--	--	--	--	O	--	--	O	O	O	O	O	O	O	O
Radiated Spurious Emission	CA_48B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CA_48C	--	O	O	--	--	--	--	O	O	--	--	--	O	O	O

Test modes are chosen as the worst case configuration below for NR n48.

Test items	Bandwidth (MHz)										Modulation					RB			Test Channel		
	10	15	20	30	40	50	60	80	90	100	PI/2 BPSK	QPSK	16 QAM	64 QAM	256 QAM	1	50%	100%	L	M	H
RF Power Output	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Maximum Effective Isotropic Radiated Power and Maximum Power Spectral Density	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	--	--	O	O	O	O
Occupied Bandwidth	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	--	O	O	O	O
Band Edge Compliance	O	O	O	O	O	O	O	O	O	O	--	O	--	--	--	O	--	O	O	--	O
Peak-to-Average Power Ratio	O	--	--	--	--	O	--	--	--	O	O	O	O	O	O	--	--	O	--	O	--
Frequency Stability	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	--	--	--	O	--
Spurious Emissions at Antenna Terminals	O	O	O	O	O	O	O	O	O	O	--	O	--	--	--	O	--	--	O	O	O
Radiated Spurious Emission	O	--	--	--	--	O	--	--	--	O	--	O	--	--	--	O	--	--	O	O	O

Note: 1. The mark “O” means that this configuration is chosen for testing.

2. The mark “-” means that this configuration is not testing.

3. Sub 6GHz operates using 15kHz Subcarrier Spacing with both CP-OFDM and DFT-s OFDM waveforms. The band supports PI/2 BPSK, QPSK, 16QAM, 64QAM, and 256QAM modulation. The test data provided in this report represents the worst case configurations.

5. Test Case

5.1. RF Power Output

Ambient Condition

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

Methods of Measurement

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

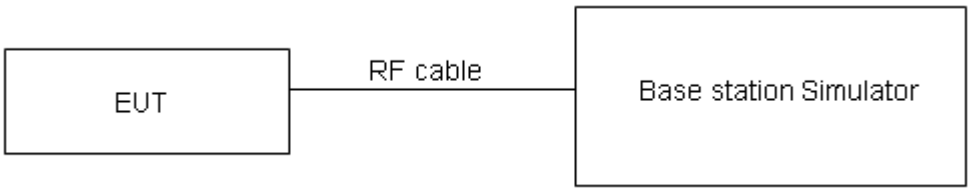
1. The transmitter output port was connected to the system simulator.

2. Set EUT at maximum power through the system simulator.

3. Select lowest, middle, and highest channels for each band and different modulation.

4. Measure and record the power level from the system simulator.

Test Setup



A transmitter port of EUT is connected to the input of a signal analyzer. All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

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 dB.

Test Results

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

5.2. Maximum Effective Isotropic Radiated Power and Maximum Power Spectral Density

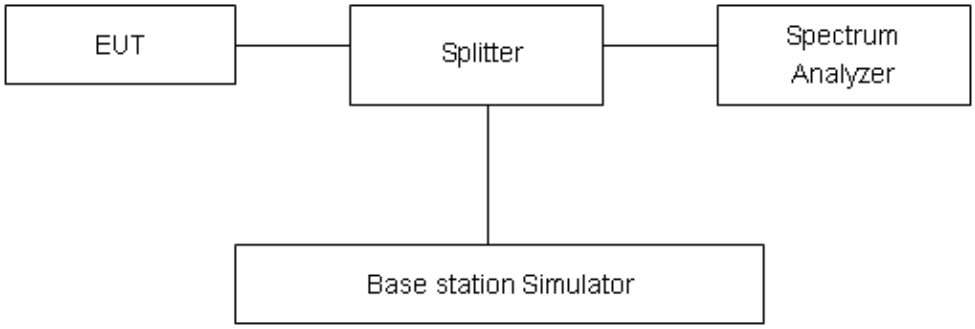
Ambient Condition

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

Methods of Measurement

The testing follows procedure in Section 5.2 of ANSI C63.26-2015 and KDB 940660 D01 Section 3.2(b)(2).
Determine the EIRP by adding the effective antenna gain to the measured average conducted power level.
The EIRP of mobile transmitters must not exceed 23 dBm /10 megahertz for Band 48.
The testing follows ANSI C63.26-2015 Section 5.2.5.5

Test Setup



A transmitter port of EUT is connected to the input of a signal analyzer. All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

Limits

EIRP for End User Device/ CBSD equipment as below tabel:

Device	Maximum EIRP (dBm/10MHz)	Maximum PSD (dBm/MHz)
End User Device	23	N/A
Category A CBSD	30	N/A
Category B CBSD[1]	47	37

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U= 1.19 dB

Test Results

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

5.3. Occupied Bandwidth

Ambient Condition

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

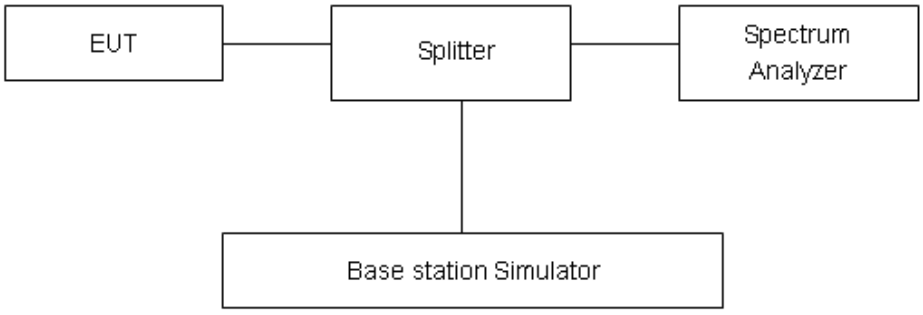
Method of Measurement

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

The testing follows FCC KDB 971168 D01 v03r01 Section 4.2

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

Test Setup



Limits

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

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U= 624Hz.

Test Results

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

5.4. Band Edge Compliance

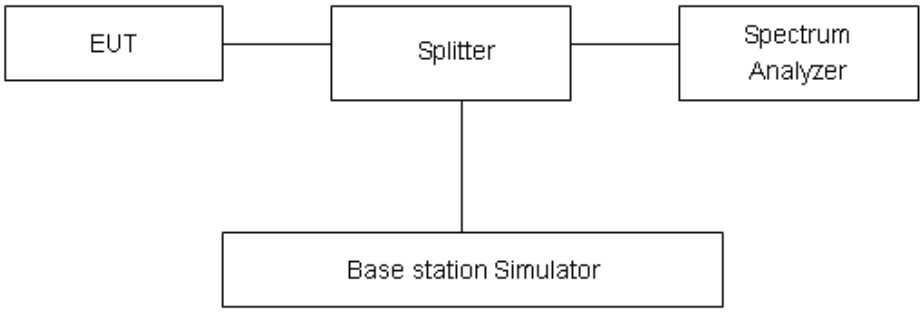
Ambient Condition

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

Method of Measurement

The testing follows FCC KDB 971168 D01 v03r01 Section 6.0.
1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

Test Setup



Limits

Rule Part 96.41(e) (1) (i) specifies that “Except as otherwise specified in paragraph (e)(2) of this section, for channel and frequency assignments made by the SAS to CBSDs, the conducted power of any CBSD emission outside the fundamental emission bandwidth as specified in paragraph (e)(3) of this section (whether the emission is inside or outside of the authorized band) shall not exceed −13 dBm/MHz within 0-10 megahertz above the upper SAS-assigned channel edge and within 0-10 megahertz below the lower SAS-assigned channel edge. At all frequencies greater than 10 megahertz above the upper SAS assigned channel edge and less than 10 MHz below the lower SAS assigned channel edge, the conducted power of any CBSD emission shall not exceed −25 dBm/MHz. The upper and lower SAS assigned channel edges are the upper and lower limits of any channel assigned to a CBSD by an SAS, or in the case of multiple contiguous channels, the upper and lower limits of the combined contiguous channels.”

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 1.96, U=0.684dB.

Test Results

Refer to the section 6.4 of this report for test data.

5.5. Peak-to-Average Power Ratio (PAPR)

Ambient Condition

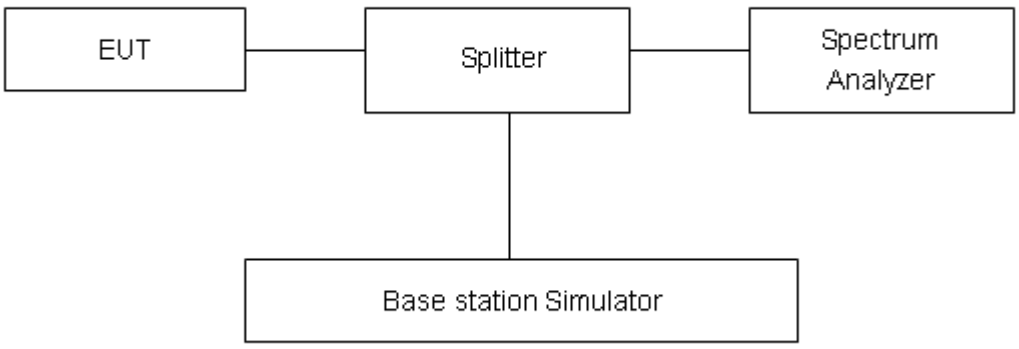
Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Methods of Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth.

The testing follows FCC KDB 971168 D01 v03r01 Section 5.7.1
1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio

Test Setup



Limits

Rule Part 96.41(g), the peak-to-average power ratio (PAPR) of any CBSD transmitter output power must not exceed 13 dB.

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 dB.

Test Results

Refer to the section 6.5 of this report for test data.

5.6. Frequency Stability

Ambient Condition

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

Method of Measurement

Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

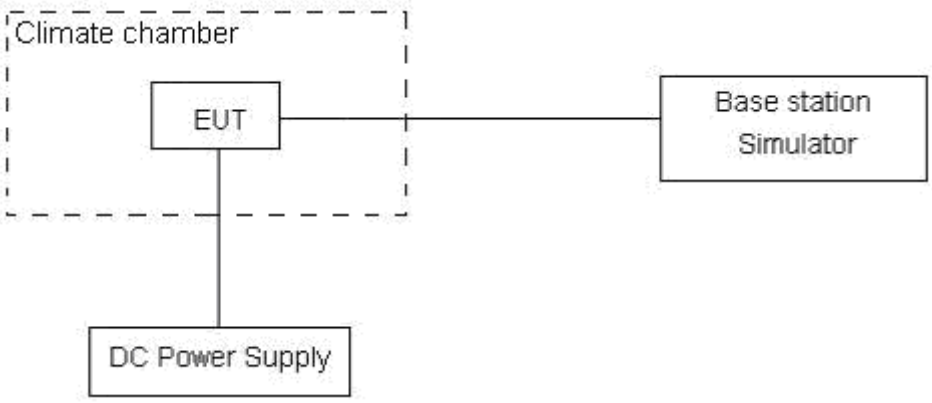
1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature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

Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at 25±5° C and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

Test Setup



Limits

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

Measurement Uncertainty

The assessed measurement uncertainty to ensure 99.75％ confidence level for the normal distribution is with the coverage factor k = 3, U= 0.01ppm.

Test Results

Refer to the section 6.6 of this report for test data.

5.7. Spurious Emissions at Antenna Terminals

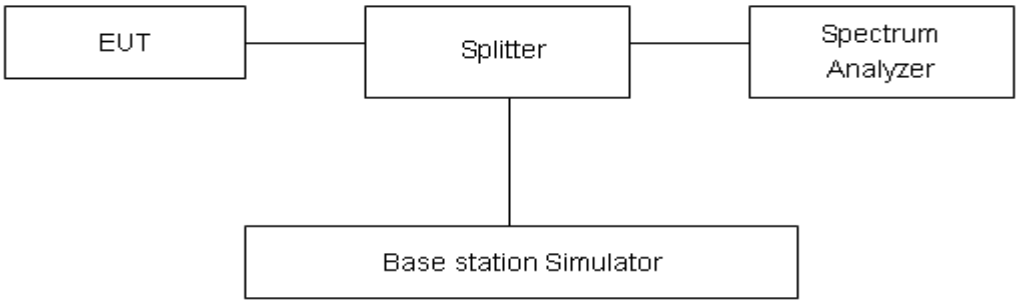
Ambient Condition

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

Method of Measurement

The testing follows FCC KDB 971168 D01 v03r01 Section 6.0.
1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's.
RBW is set to 1 kHz (0.009MHz~ 0.15 MHz),
RBW is set to 10 kHz (0.15 MHz~ 30 MHz)
RBW is set to 100 kHz (30MHz~1000 MHz)
RBW is set to 1000 kHz (above 1000MHz).
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The limit line is −40dBm/MHz.

Test Setup



Limits

Rule Part 96.41(e) (2) *Additional protection levels.* Notwithstanding paragraph (e)(1) of this section, for CBSDs and End User Devices, the conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed −25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed −40dBm/MHz.

Measurement Uncertainty

The assessed measurement uncertainty to ensure 99.75% confidence level for the normal distribution is with the coverage factor *k* = 1.96.

Frequency	Uncertainty
100kHz-2GHz	0.684 dB
2GHz-18GHz	1.407 dB
18GHz-40GHz	1.515 dB

Test Results

Refer to the section 6.7 of this report for test data.

5.8. Radiated Spurious Emission

Ambient Condition

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

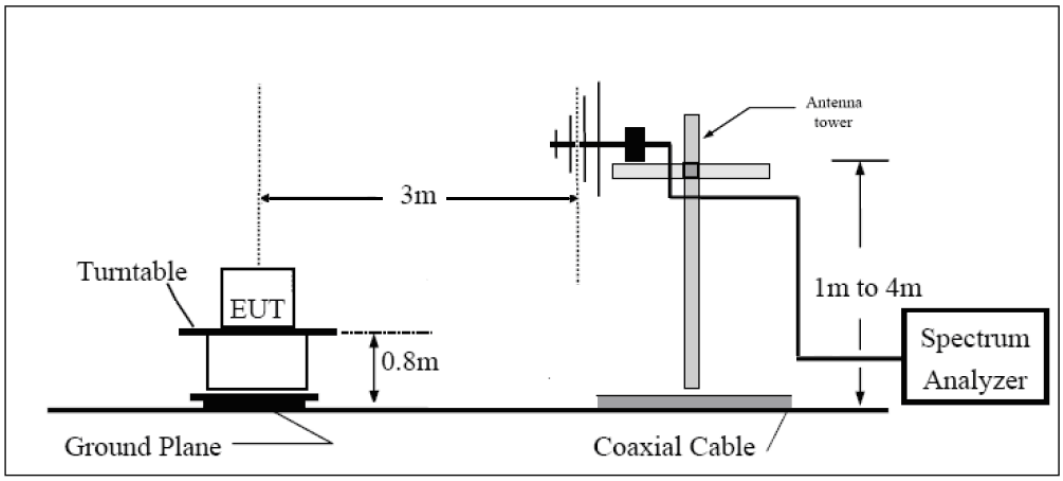
Method of Measurement

1. The testing follows FCC KDB 971168 D01 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:
Power(EIRP)=PMea- PAg - Pcl + Ga
The measurement results are amend as described below:
Power(EIRP)=PMea- Pcl + Ga
8. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP-2.15dBi.

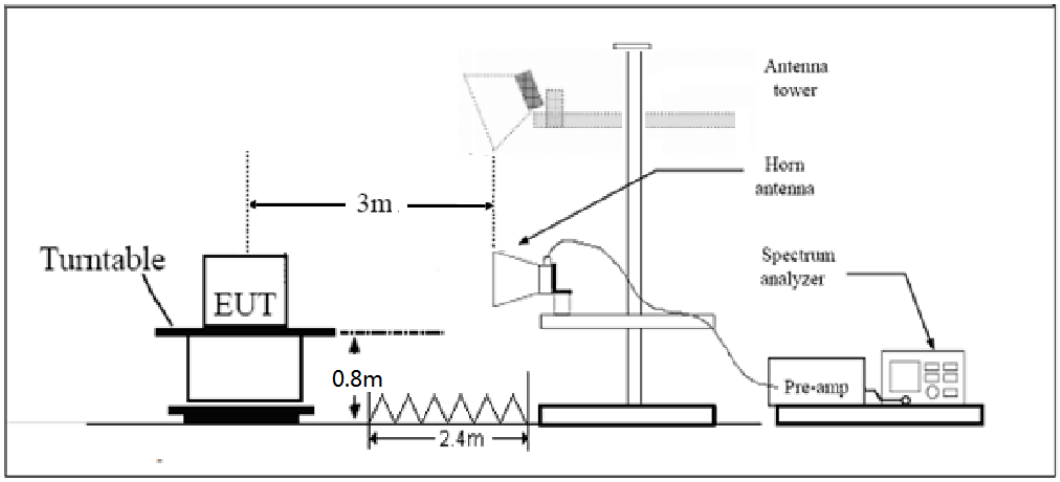
The modulation mode and RB allocation refer to section 5.1, using the maximum output power configuration.

Test Setup

30MHz~~~ 1GHz



Above 1GHz



Note: Area side: 2.4mX3.6m

Limits

Rule Part 96.41(e) (2) specifies that "*Additional protection levels.* Notwithstanding paragraph (e)(1) of this section, for CBSDs and End User Devices, the conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed −25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed −40dBm/MHz."

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 6.8 of this report for test data.

6. Test Result

6.1. RF Power Output

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
LTE Band 48	5	55265	1	#0	QPSK	24.59
LTE Band 48	5	55265	1	#Mid	QPSK	24.51
LTE Band 48	5	55265	1	#Max	QPSK	24.49
LTE Band 48	5	55265	12	#0	QPSK	23.57
LTE Band 48	5	55265	12	#Mid	QPSK	23.61
LTE Band 48	5	55265	12	#Max	QPSK	23.58
LTE Band 48	5	55265	25	#0	QPSK	23.64
LTE Band 48	5	55265	1	#0	16QAM	23.91
LTE Band 48	5	55265	1	#Mid	16QAM	23.81
LTE Band 48	5	55265	1	#Max	16QAM	23.79
LTE Band 48	5	55265	12	#0	16QAM	22.64
LTE Band 48	5	55265	12	#Mid	16QAM	22.64
LTE Band 48	5	55265	12	#Max	16QAM	22.64
LTE Band 48	5	55265	25	#0	16QAM	22.71
LTE Band 48	5	55265	1	#0	64QAM	22.72
LTE Band 48	5	55265	1	#Mid	64QAM	22.55
LTE Band 48	5	55265	1	#Max	64QAM	22.57
LTE Band 48	5	55265	12	#0	64QAM	21.68
LTE Band 48	5	55265	12	#Mid	64QAM	21.70
LTE Band 48	5	55265	12	#Max	64QAM	21.70
LTE Band 48	5	55265	25	#0	64QAM	21.74
LTE Band 48	5	55990	1	#0	QPSK	24.58
LTE Band 48	5	55990	1	#Mid	QPSK	24.57
LTE Band 48	5	55990	1	#Max	QPSK	24.60
LTE Band 48	5	55990	12	#0	QPSK	23.60
LTE Band 48	5	55990	12	#Mid	QPSK	23.61
LTE Band 48	5	55990	12	#Max	QPSK	23.65
LTE Band 48	5	55990	25	#0	QPSK	23.61
LTE Band 48	5	55990	1	#0	16QAM	23.83
LTE Band 48	5	55990	1	#Mid	16QAM	23.85
LTE Band 48	5	55990	1	#Max	16QAM	23.88
LTE Band 48	5	55990	12	#0	16QAM	22.60
LTE Band 48	5	55990	12	#Mid	16QAM	22.62
LTE Band 48	5	55990	12	#Max	16QAM	22.64
LTE Band 48	5	55990	25	#0	16QAM	22.64
LTE Band 48	5	55990	1	#0	64QAM	22.58
LTE Band 48	5	55990	1	#Mid	64QAM	22.59

LTE Band 48	5	55990	1	#Max	64QAM	22.62
LTE Band 48	5	55990	12	#0	64QAM	21.63
LTE Band 48	5	55990	12	#Mid	64QAM	21.67
LTE Band 48	5	55990	12	#Max	64QAM	21.70
LTE Band 48	5	55990	25	#0	64QAM	21.67
LTE Band 48	5	56715	1	#0	QPSK	24.20
LTE Band 48	5	56715	1	#Mid	QPSK	24.15
LTE Band 48	5	56715	1	#Max	QPSK	24.21
LTE Band 48	5	56715	12	#0	QPSK	23.24
LTE Band 48	5	56715	12	#Mid	QPSK	23.29
LTE Band 48	5	56715	12	#Max	QPSK	23.29
LTE Band 48	5	56715	25	#0	QPSK	23.27
LTE Band 48	5	56715	1	#0	16QAM	23.46
LTE Band 48	5	56715	1	#Mid	16QAM	23.43
LTE Band 48	5	56715	1	#Max	16QAM	23.46
LTE Band 48	5	56715	12	#0	16QAM	22.26
LTE Band 48	5	56715	12	#Mid	16QAM	22.29
LTE Band 48	5	56715	12	#Max	16QAM	22.31
LTE Band 48	5	56715	25	#0	16QAM	22.36
LTE Band 48	5	56715	1	#0	64QAM	22.31
LTE Band 48	5	56715	1	#Mid	64QAM	22.28
LTE Band 48	5	56715	1	#Max	64QAM	22.29
LTE Band 48	5	56715	12	#0	64QAM	21.34
LTE Band 48	5	56715	12	#Mid	64QAM	21.35
LTE Band 48	5	56715	12	#Max	64QAM	21.37
LTE Band 48	5	56715	25	#0	64QAM	21.36
LTE Band 48	10	55290	1	#0	QPSK	24.66
LTE Band 48	10	55290	1	#Mid	QPSK	24.51
LTE Band 48	10	55290	1	#Max	QPSK	24.53
LTE Band 48	10	55290	25	#0	QPSK	23.68
LTE Band 48	10	55290	25	#Mid	QPSK	23.62
LTE Band 48	10	55290	25	#Max	QPSK	23.59
LTE Band 48	10	55290	50	#0	QPSK	23.64
LTE Band 48	10	55290	1	#0	16QAM	23.89
LTE Band 48	10	55290	1	#Mid	16QAM	23.77
LTE Band 48	10	55290	1	#Max	16QAM	23.79
LTE Band 48	10	55290	25	#0	16QAM	22.72
LTE Band 48	10	55290	25	#Mid	16QAM	22.66
LTE Band 48	10	55290	25	#Max	16QAM	22.66
LTE Band 48	10	55290	50	#0	16QAM	22.69
LTE Band 48	10	55290	1	#0	64QAM	22.66
LTE Band 48	10	55290	1	#Mid	64QAM	22.53
LTE Band 48	10	55290	1	#Max	64QAM	22.52

LTE Band 48	10	55290	25	#0	64QAM	21.73
LTE Band 48	10	55290	25	#Mid	64QAM	21.70
LTE Band 48	10	55290	25	#Max	64QAM	21.68
LTE Band 48	10	55290	50	#0	64QAM	21.66
LTE Band 48	10	55990	1	#0	QPSK	24.57
LTE Band 48	10	55990	1	#Mid	QPSK	24.60
LTE Band 48	10	55990	1	#Max	QPSK	24.61
LTE Band 48	10	55990	25	#0	QPSK	23.62
LTE Band 48	10	55990	25	#Mid	QPSK	23.64
LTE Band 48	10	55990	25	#Max	QPSK	23.69
LTE Band 48	10	55990	50	#0	QPSK	23.65
LTE Band 48	10	55990	1	#0	16QAM	23.84
LTE Band 48	10	55990	1	#Mid	16QAM	23.88
LTE Band 48	10	55990	1	#Max	16QAM	23.86
LTE Band 48	10	55990	25	#0	16QAM	22.66
LTE Band 48	10	55990	25	#Mid	16QAM	22.67
LTE Band 48	10	55990	25	#Max	16QAM	22.72
LTE Band 48	10	55990	50	#0	16QAM	22.69
LTE Band 48	10	55990	1	#0	64QAM	22.59
LTE Band 48	10	55990	1	#Mid	64QAM	22.62
LTE Band 48	10	55990	1	#Max	64QAM	22.62
LTE Band 48	10	55990	25	#0	64QAM	21.68
LTE Band 48	10	55990	25	#Mid	64QAM	21.71
LTE Band 48	10	55990	25	#Max	64QAM	21.76
LTE Band 48	10	55990	50	#0	64QAM	21.66
LTE Band 48	10	56690	1	#0	QPSK	24.27
LTE Band 48	10	56690	1	#Mid	QPSK	24.24
LTE Band 48	10	56690	1	#Max	QPSK	24.24
LTE Band 48	10	56690	25	#0	QPSK	23.38
LTE Band 48	10	56690	25	#Mid	QPSK	23.36
LTE Band 48	10	56690	25	#Max	QPSK	23.35
LTE Band 48	10	56690	50	#0	QPSK	23.40
LTE Band 48	10	56690	1	#0	16QAM	23.58
LTE Band 48	10	56690	1	#Mid	16QAM	23.51
LTE Band 48	10	56690	1	#Max	16QAM	23.49
LTE Band 48	10	56690	25	#0	16QAM	22.41
LTE Band 48	10	56690	25	#Mid	16QAM	22.40
LTE Band 48	10	56690	25	#Max	16QAM	22.42
LTE Band 48	10	56690	50	#0	16QAM	22.43
LTE Band 48	10	56690	1	#0	64QAM	22.31
LTE Band 48	10	56690	1	#Mid	64QAM	22.25
LTE Band 48	10	56690	1	#Max	64QAM	22.22
LTE Band 48	10	56690	25	#0	64QAM	21.39

LTE Band 48	10	56690	25	#Mid	64QAM	21.39
LTE Band 48	10	56690	25	#Max	64QAM	21.36
LTE Band 48	10	56690	50	#0	64QAM	21.35
LTE Band 48	15	55315	1	#0	QPSK	24.58
LTE Band 48	15	55315	1	#Mid	QPSK	24.46
LTE Band 48	15	55315	1	#Max	QPSK	24.62
LTE Band 48	15	55315	36	#0	QPSK	23.69
LTE Band 48	15	55315	36	#Mid	QPSK	23.66
LTE Band 48	15	55315	36	#Max	QPSK	23.65
LTE Band 48	15	55315	75	#0	QPSK	23.69
LTE Band 48	15	55315	1	#0	16QAM	23.90
LTE Band 48	15	55315	1	#Mid	16QAM	23.80
LTE Band 48	15	55315	1	#Max	16QAM	23.94
LTE Band 48	15	55315	36	#0	16QAM	22.71
LTE Band 48	15	55315	36	#Mid	16QAM	22.67
LTE Band 48	15	55315	36	#Max	16QAM	22.65
LTE Band 48	15	55315	75	#0	16QAM	22.71
LTE Band 48	15	55315	1	#0	64QAM	22.69
LTE Band 48	15	55315	1	#Mid	64QAM	22.55
LTE Band 48	15	55315	1	#Max	64QAM	22.67
LTE Band 48	15	55315	36	#0	64QAM	21.68
LTE Band 48	15	55315	36	#Mid	64QAM	21.63
LTE Band 48	15	55315	36	#Max	64QAM	21.63
LTE Band 48	15	55315	75	#0	64QAM	21.69
LTE Band 48	15	55990	1	#0	QPSK	24.68
LTE Band 48	15	55990	1	#Mid	QPSK	24.62
LTE Band 48	15	55990	1	#Max	QPSK	24.58
LTE Band 48	15	55990	36	#0	QPSK	23.68
LTE Band 48	15	55990	36	#Mid	QPSK	23.66
LTE Band 48	15	55990	36	#Max	QPSK	23.69
LTE Band 48	15	55990	75	#0	QPSK	23.68
LTE Band 48	15	55990	1	#0	16QAM	23.95
LTE Band 48	15	55990	1	#Mid	16QAM	23.89
LTE Band 48	15	55990	1	#Max	16QAM	23.89
LTE Band 48	15	55990	36	#0	16QAM	22.65
LTE Band 48	15	55990	36	#Mid	16QAM	22.61
LTE Band 48	15	55990	36	#Max	16QAM	22.69
LTE Band 48	15	55990	75	#0	16QAM	22.66
LTE Band 48	15	55990	1	#0	64QAM	22.62
LTE Band 48	15	55990	1	#Mid	64QAM	22.62
LTE Band 48	15	55990	1	#Max	64QAM	22.64
LTE Band 48	15	55990	36	#0	64QAM	21.67
LTE Band 48	15	55990	36	#Mid	64QAM	21.64

LTE Band 48	15	55990	36	#Max	64QAM	21.69
LTE Band 48	15	55990	75	#0	64QAM	21.66
LTE Band 48	15	56665	1	#0	QPSK	24.30
LTE Band 48	15	56665	1	#Mid	QPSK	24.26
LTE Band 48	15	56665	1	#Max	QPSK	24.22
LTE Band 48	15	56665	36	#0	QPSK	23.40
LTE Band 48	15	56665	36	#Mid	QPSK	23.40
LTE Band 48	15	56665	36	#Max	QPSK	23.37
LTE Band 48	15	56665	75	#0	QPSK	23.43
LTE Band 48	15	56665	1	#0	16QAM	23.61
LTE Band 48	15	56665	1	#Mid	16QAM	23.55
LTE Band 48	15	56665	1	#Max	16QAM	23.53
LTE Band 48	15	56665	36	#0	16QAM	22.41
LTE Band 48	15	56665	36	#Mid	16QAM	22.37
LTE Band 48	15	56665	36	#Max	16QAM	22.39
LTE Band 48	15	56665	75	#0	16QAM	22.44
LTE Band 48	15	56665	1	#0	64QAM	22.41
LTE Band 48	15	56665	1	#Mid	64QAM	22.32
LTE Band 48	15	56665	1	#Max	64QAM	22.33
LTE Band 48	15	56665	36	#0	64QAM	21.43
LTE Band 48	15	56665	36	#Mid	64QAM	21.38
LTE Band 48	15	56665	36	#Max	64QAM	21.39
LTE Band 48	15	56665	75	#0	64QAM	21.45
LTE Band 48	20	55340	1	#0	QPSK	24.66
LTE Band 48	20	55340	1	#Mid	QPSK	24.56
LTE Band 48	20	55340	1	#Max	QPSK	24.77
LTE Band 48	20	55340	50	#0	QPSK	23.75
LTE Band 48	20	55340	50	#Mid	QPSK	23.72
LTE Band 48	20	55340	50	#Max	QPSK	23.83
LTE Band 48	20	55340	100	#0	QPSK	23.78
LTE Band 48	20	55340	1	#0	16QAM	23.94
LTE Band 48	20	55340	1	#Mid	16QAM	23.81
LTE Band 48	20	55340	1	#Max	16QAM	24.05
LTE Band 48	20	55340	50	#0	16QAM	22.75
LTE Band 48	20	55340	50	#Mid	16QAM	22.79
LTE Band 48	20	55340	50	#Max	16QAM	22.86
LTE Band 48	20	55340	100	#0	16QAM	22.79
LTE Band 48	20	55340	1	#0	64QAM	22.71
LTE Band 48	20	55340	1	#Mid	64QAM	22.57
LTE Band 48	20	55340	1	#Max	64QAM	22.79
LTE Band 48	20	55340	50	#0	64QAM	21.72
LTE Band 48	20	55340	50	#Mid	64QAM	21.70
LTE Band 48	20	55340	50	#Max	64QAM	21.79

LTE Band 48	20	55340	100	#0	64QAM	21.76
LTE Band 48	20	55990	1	#0	QPSK	24.72
LTE Band 48	20	55990	1	#Mid	QPSK	24.64
LTE Band 48	20	55990	1	#Max	QPSK	24.58
LTE Band 48	20	55990	50	#0	QPSK	23.71
LTE Band 48	20	55990	50	#Mid	QPSK	23.74
LTE Band 48	20	55990	50	#Max	QPSK	23.76
LTE Band 48	20	55990	100	#0	QPSK	23.75
LTE Band 48	20	55990	1	#0	16QAM	24.00
LTE Band 48	20	55990	1	#Mid	16QAM	23.93
LTE Band 48	20	55990	1	#Max	16QAM	23.83
LTE Band 48	20	55990	50	#0	16QAM	22.78
LTE Band 48	20	55990	50	#Mid	16QAM	22.75
LTE Band 48	20	55990	50	#Max	16QAM	22.81
LTE Band 48	20	55990	100	#0	16QAM	22.73
LTE Band 48	20	55990	1	#0	64QAM	22.74
LTE Band 48	20	55990	1	#Mid	64QAM	22.67
LTE Band 48	20	55990	1	#Max	64QAM	22.63
LTE Band 48	20	55990	50	#0	64QAM	21.71
LTE Band 48	20	55990	50	#Mid	64QAM	21.72
LTE Band 48	20	55990	50	#Max	64QAM	21.78
LTE Band 48	20	55990	100	#0	64QAM	21.72
LTE Band 48	20	56640	1	#0	QPSK	24.46
LTE Band 48	20	56640	1	#Mid	QPSK	24.31
LTE Band 48	20	56640	1	#Max	QPSK	24.30
LTE Band 48	20	56640	50	#0	QPSK	23.50
LTE Band 48	20	56640	50	#Mid	QPSK	23.48
LTE Band 48	20	56640	50	#Max	QPSK	23.50
LTE Band 48	20	56640	100	#0	QPSK	23.50
LTE Band 48	20	56640	1	#0	16QAM	23.72
LTE Band 48	20	56640	1	#Mid	16QAM	23.61
LTE Band 48	20	56640	1	#Max	16QAM	23.58
LTE Band 48	20	56640	50	#0	16QAM	22.53
LTE Band 48	20	56640	50	#Mid	16QAM	22.52
LTE Band 48	20	56640	50	#Max	16QAM	22.53
LTE Band 48	20	56640	100	#0	16QAM	22.49
LTE Band 48	20	56640	1	#0	64QAM	22.48
LTE Band 48	20	56640	1	#Mid	64QAM	22.36
LTE Band 48	20	56640	1	#Max	64QAM	22.35
LTE Band 48	20	56640	50	#0	64QAM	21.48
LTE Band 48	20	56640	50	#Mid	64QAM	21.47
LTE Band 48	20	56640	50	#Max	64QAM	21.46
LTE Band 48	20	56640	100	#0	64QAM	21.47

LTE Band 48	5	55265	1	#0	256QAM	20.62
LTE Band 48	5	55265	1	#Mid	256QAM	20.59
LTE Band 48	5	55265	1	#Max	256QAM	20.57
LTE Band 48	5	55265	12	#0	256QAM	19.61
LTE Band 48	5	55265	12	#Mid	256QAM	19.66
LTE Band 48	5	55265	12	#Max	256QAM	19.62
LTE Band 48	5	55265	25	#0	256QAM	19.69
LTE Band 48	5	55990	1	#0	256QAM	20.63
LTE Band 48	5	55990	1	#Mid	256QAM	20.65
LTE Band 48	5	55990	1	#Max	256QAM	20.66
LTE Band 48	5	55990	12	#0	256QAM	19.55
LTE Band 48	5	55990	12	#Mid	256QAM	19.61
LTE Band 48	5	55990	12	#Max	256QAM	19.63
LTE Band 48	5	55990	25	#0	256QAM	19.62
LTE Band 48	5	56715	1	#0	256QAM	20.34
LTE Band 48	5	56715	1	#Mid	256QAM	20.30
LTE Band 48	5	56715	1	#Max	256QAM	20.30
LTE Band 48	5	56715	12	#0	256QAM	19.27
LTE Band 48	5	56715	12	#Mid	256QAM	19.26
LTE Band 48	5	56715	12	#Max	256QAM	19.29
LTE Band 48	5	56715	25	#0	256QAM	19.32
LTE Band 48	10	55290	1	#0	256QAM	20.70
LTE Band 48	10	55290	1	#Mid	256QAM	20.60
LTE Band 48	10	55290	1	#Max	256QAM	20.58
LTE Band 48	10	55290	25	#0	256QAM	19.68
LTE Band 48	10	55290	25	#Mid	256QAM	19.64
LTE Band 48	10	55290	25	#Max	256QAM	19.62
LTE Band 48	10	55290	50	#0	256QAM	19.70
LTE Band 48	10	55990	1	#0	256QAM	20.63
LTE Band 48	10	55990	1	#Mid	256QAM	20.67
LTE Band 48	10	55990	1	#Max	256QAM	20.70
LTE Band 48	10	55990	25	#0	256QAM	19.67
LTE Band 48	10	55990	25	#Mid	256QAM	19.69
LTE Band 48	10	55990	25	#Max	256QAM	19.71
LTE Band 48	10	55990	50	#0	256QAM	19.73
LTE Band 48	10	56690	1	#0	256QAM	20.43
LTE Band 48	10	56690	1	#Mid	256QAM	20.38
LTE Band 48	10	56690	1	#Max	256QAM	20.37
LTE Band 48	10	56690	25	#0	256QAM	19.39
LTE Band 48	10	56690	25	#Mid	256QAM	19.39
LTE Band 48	10	56690	25	#Max	256QAM	19.41
LTE Band 48	10	56690	50	#0	256QAM	19.48
LTE Band 48	15	55315	1	#0	256QAM	20.64

LTE Band 48	15	55315	1	#Mid	256QAM	20.54
LTE Band 48	15	55315	1	#Max	256QAM	20.68
LTE Band 48	15	55315	36	#0	256QAM	19.67
LTE Band 48	15	55315	36	#Mid	256QAM	19.63
LTE Band 48	15	55315	36	#Max	256QAM	19.62
LTE Band 48	15	55315	75	#0	256QAM	19.67
LTE Band 48	15	55990	1	#0	256QAM	20.72
LTE Band 48	15	55990	1	#Mid	256QAM	20.69
LTE Band 48	15	55990	1	#Max	256QAM	20.70
LTE Band 48	15	55990	36	#0	256QAM	19.69
LTE Band 48	15	55990	36	#Mid	256QAM	19.64
LTE Band 48	15	55990	36	#Max	256QAM	19.72
LTE Band 48	15	55990	75	#0	256QAM	19.70
LTE Band 48	15	56665	1	#0	256QAM	20.46
LTE Band 48	15	56665	1	#Mid	256QAM	20.38
LTE Band 48	15	56665	1	#Max	256QAM	20.39
LTE Band 48	15	56665	36	#0	256QAM	19.46
LTE Band 48	15	56665	36	#Mid	256QAM	19.43
LTE Band 48	15	56665	36	#Max	256QAM	19.44
LTE Band 48	15	56665	75	#0	256QAM	19.48
LTE Band 48	20	55340	1	#0	256QAM	20.69
LTE Band 48	20	55340	1	#Mid	256QAM	20.59
LTE Band 48	20	55340	1	#Max	256QAM	20.79
LTE Band 48	20	55340	50	#0	256QAM	19.73
LTE Band 48	20	55340	50	#Mid	256QAM	19.72
LTE Band 48	20	55340	50	#Max	256QAM	19.82
LTE Band 48	20	55340	100	#0	256QAM	19.73
LTE Band 48	20	55990	1	#0	256QAM	20.75
LTE Band 48	20	55990	1	#Mid	256QAM	20.68
LTE Band 48	20	55990	1	#Max	256QAM	20.62
LTE Band 48	20	55990	50	#0	256QAM	19.73
LTE Band 48	20	55990	50	#Mid	256QAM	19.73
LTE Band 48	20	55990	50	#Max	256QAM	19.79
LTE Band 48	20	55990	100	#0	256QAM	19.70
LTE Band 48	20	56640	1	#0	256QAM	20.52
LTE Band 48	20	56640	1	#Mid	256QAM	20.41
LTE Band 48	20	56640	1	#Max	256QAM	20.41
LTE Band 48	20	56640	50	#0	256QAM	19.55
LTE Band 48	20	56640	50	#Mid	256QAM	19.53
LTE Band 48	20	56640	50	#Max	256QAM	19.52
LTE Band 48	20	56640	100	#0	256QAM	19.48

CA_48B	PCC	PCC	SCC	SCC	PCC RB		SCC1 RB		Conducted Power (dBm)			
	Frequency (MHz)	channel	Frequency (MHz)	channel	Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM
10MHz+10MHz	3555	55290	3564.9	55389	1	49	1	0	23.40	22.89	20.46	18.56
					50	0	50	0	21.66	20.64	20.55	18.34
	3630.1	56041	3640	56140	1	49	1	0	23.32	23.01	20.59	18.49
					50	0	50	0	21.69	20.78	20.69	18.66
	3685.1	56591	3695	56690	1	49	1	0	23.48	22.94	20.71	18.68
					50	0	50	0	21.80	20.86	20.81	18.79

CA_48C	PCC	PCC	SCC	SCC	PCC RB		SCC1 RB		Conducted Power (dBm)			
	Frequency (MHz)	channel	Frequency (MHz)	channel	Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM
5MHz+20MHz	55273	3553.3	55390	3565	1	24	1	0	23.88	23.24	21.07	19.04
					25	0	100	0	21.99	21.20	21.06	19.17
	55898	3615.8	56015	3627.5	1	24	1	0	23.37	22.81	20.63	18.82
					25	0	100	0	21.77	20.93	20.87	18.74
	56523	3678.3	56640	3690	1	24	1	0	23.76	23.16	20.96	19.11
					25	0	100	0	22.07	21.13	21.16	18.97
10MHz+20MHz	55295	3555.5	55439	3569.9	1	49	1	0	23.97	23.51	21.25	19.37
					50	0	100	0	22.18	21.60	21.44	19.43
	55896	3615.6	56040	3630	1	49	1	0	23.89	22.99	20.92	18.66
					50	0	100	0	21.87	20.91	20.86	18.96
	56496	3675.6	56640	3690	1	49	1	0	24.02	23.32	21.36	18.91
					50	0	100	0	22.36	21.34	21.41	19.43
15MHz+20MHz	55318	3557.8	55489	3574.9	1	74	1	0	24.22	23.94	21.45	19.67
					75	0	100	0	22.52	21.80	21.33	19.72
	55893	3615.3	56064	3632.4	1	74	1	0	23.71	23.17	21.13	19.2
					75	0	100	0	22.07	21.42	21.22	19.36
	56469	3672.9	56640	3690	1	74	1	0	24.10	23.72	21.47	19.24
					75	0	100	0	23.05	21.46	21.38	19.31
20MHz+5MHz	55340	3560	55457	3571.7	1	99	1	0	23.61	23.19	20.94	19.09
					100	0	25	0	22.32	21.53	21.21	19.23
	55965	3622.5	56082	3634.2	1	99	1	0	23.49	22.97	20.75	18.78
					100	0	25	0	21.77	21.02	20.91	19.08
	56590	3685	56707	3696.7	1	99	1	0	23.80	23.26	21.08	19.06
					100	0	25	0	22.38	21.33	21.19	19.23
20MHz+10MHz	55340	3560	55484	3574.4	1	99	1	0	24.13	23.56	21.31	19.39
					100	0	50	0	22.38	21.31	21.41	19.54
	55941	3620.1	56085	3634.5	1	99	1	0	23.81	23.26	20.89	19.26
					100	0	50	0	22.07	21.62	21.23	19.06
	56541	3680.1	56685	3694.5	1	99	1	0	24.04	23.63	21.17	19.26

					100	0	50	0	22.34	21.31	21.28	19.54
20MHz+15MHz	55340	3560	55511	3577.1	1	99	1	0	24.12	23.61	21.41	19.29
					100	0	75	0	22.40	21.54	21.07	19.44
	55916	3617.6	56087	3634.7	1	99	1	0	24.10	23.49	21.13	19.08
					100	0	75	0	22.3	21.26	21.02	19.23
	56491	3675.1	56662	3692.2	1	99	1	0	23.72	23.31	21.12	19.1
					100	0	75	0	22.28	21.41	21.26	19.18
20MHz+20MHz	55340	3560	55538	3579.8	1	99	1	0	23.37	22.92	20.62	18.55
					1	0	1	99	14.72	15.19	14.94	14.93
					100	0	100	0	21.6	20.46	20.41	18.51
	55891	3615.1	56089	3634.9	1	99	1	0	23.45	23.16	20.72	18.68
					1	0	1	99	14.78	15.17	14.92	14.84
					100	0	100	0	21.83	20.78	20.83	18.77
	56442	3670.2	56640	3690	1	99	1	0	23.74	23.21	20.84	18.81
					1	0	1	99	15.22	15.47	15.15	15.14
					100	0	100	0	21.91	20.86	20.83	18.92

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
SA NR n48	30	10	637000	24@0	DFT_BPSK	22.75
SA NR n48	30	10	637000	12@6	DFT_BPSK	23.25
SA NR n48	30	10	637000	1@1	DFT_BPSK	23.32
SA NR n48	30	10	637000	1@22	DFT_BPSK	22.89
SA NR n48	30	10	637000	1@0	DFT_BPSK	22.85
SA NR n48	30	10	637000	1@23	DFT_BPSK	22.44
SA NR n48	30	10	637000	24@0	DFT_QPSK	22.27
SA NR n48	30	10	637000	12@6	DFT_QPSK	23.28
SA NR n48	30	10	637000	1@1	DFT_QPSK	23.28
SA NR n48	30	10	637000	1@22	DFT_QPSK	22.91
SA NR n48	30	10	637000	1@0	DFT_QPSK	22.37
SA NR n48	30	10	637000	1@23	DFT_QPSK	21.91
SA NR n48	30	10	637000	24@0	DFT_16QAM	21.29
SA NR n48	30	10	637000	12@6	DFT_16QAM	22.26
SA NR n48	30	10	637000	1@1	DFT_16QAM	22.76
SA NR n48	30	10	637000	1@22	DFT_16QAM	22.29
SA NR n48	30	10	637000	1@0	DFT_16QAM	21.68
SA NR n48	30	10	637000	1@23	DFT_16QAM	21.11
SA NR n48	30	10	637000	24@0	DFT_64QAM	20.75
SA NR n48	30	10	637000	12@6	DFT_64QAM	20.81
SA NR n48	30	10	637000	1@1	DFT_64QAM	21.16
SA NR n48	30	10	637000	1@22	DFT_64QAM	20.71
SA NR n48	30	10	637000	1@0	DFT_64QAM	21.19
SA NR n48	30	10	637000	1@23	DFT_64QAM	20.72

SA NR n48	30	10	637000	24@0	DFT_256QAM	18.84
SA NR n48	30	10	637000	12@6	DFT_256QAM	18.93
SA NR n48	30	10	637000	1@1	DFT_256QAM	18.80
SA NR n48	30	10	637000	1@22	DFT_256QAM	18.46
SA NR n48	30	10	637000	1@0	DFT_256QAM	18.92
SA NR n48	30	10	637000	1@23	DFT_256QAM	18.37
SA NR n48	30	10	641666	24@0	DFT_BPSK	23.06
SA NR n48	30	10	641666	12@6	DFT_BPSK	23.61
SA NR n48	30	10	641666	1@1	DFT_BPSK	23.43
SA NR n48	30	10	641666	1@22	DFT_BPSK	23.50
SA NR n48	30	10	641666	1@0	DFT_BPSK	22.90
SA NR n48	30	10	641666	1@23	DFT_BPSK	23.08
SA NR n48	30	10	641666	24@0	DFT_QPSK	22.58
SA NR n48	30	10	641666	12@6	DFT_QPSK	23.63
SA NR n48	30	10	641666	1@1	DFT_QPSK	23.44
SA NR n48	30	10	641666	1@22	DFT_QPSK	23.53
SA NR n48	30	10	641666	1@0	DFT_QPSK	22.41
SA NR n48	30	10	641666	1@23	DFT_QPSK	22.57
SA NR n48	30	10	641666	24@0	DFT_16QAM	21.67
SA NR n48	30	10	641666	12@6	DFT_16QAM	22.62
SA NR n48	30	10	641666	1@1	DFT_16QAM	22.44
SA NR n48	30	10	641666	1@22	DFT_16QAM	22.54
SA NR n48	30	10	641666	1@0	DFT_16QAM	21.38
SA NR n48	30	10	641666	1@23	DFT_16QAM	21.51
SA NR n48	30	10	641666	24@0	DFT_64QAM	21.15
SA NR n48	30	10	641666	12@6	DFT_64QAM	21.16
SA NR n48	30	10	641666	1@1	DFT_64QAM	20.90
SA NR n48	30	10	641666	1@22	DFT_64QAM	21.03
SA NR n48	30	10	641666	1@0	DFT_64QAM	20.87
SA NR n48	30	10	641666	1@23	DFT_64QAM	21.00
SA NR n48	30	10	641666	24@0	DFT_256QAM	19.19
SA NR n48	30	10	641666	12@6	DFT_256QAM	19.38
SA NR n48	30	10	641666	1@1	DFT_256QAM	18.91
SA NR n48	30	10	641666	1@22	DFT_256QAM	19.04
SA NR n48	30	10	641666	1@0	DFT_256QAM	18.91
SA NR n48	30	10	641666	1@23	DFT_256QAM	19.04
SA NR n48	30	10	646332	24@0	DFT_BPSK	22.59
SA NR n48	30	10	646332	12@6	DFT_BPSK	23.02
SA NR n48	30	10	646332	1@1	DFT_BPSK	22.77
SA NR n48	30	10	646332	1@22	DFT_BPSK	23.27
SA NR n48	30	10	646332	1@0	DFT_BPSK	22.22
SA NR n48	30	10	646332	1@23	DFT_BPSK	22.74
SA NR n48	30	10	646332	24@0	DFT_QPSK	22.18

SA NR n48	30	10	646332	12@6	DFT_QPSK	23.18
SA NR n48	30	10	646332	1@1	DFT_QPSK	22.72
SA NR n48	30	10	646332	1@22	DFT_QPSK	23.21
SA NR n48	30	10	646332	1@0	DFT_QPSK	21.78
SA NR n48	30	10	646332	1@23	DFT_QPSK	22.29
SA NR n48	30	10	646332	24@0	DFT_16QAM	21.12
SA NR n48	30	10	646332	12@6	DFT_16QAM	22.12
SA NR n48	30	10	646332	1@1	DFT_16QAM	22.06
SA NR n48	30	10	646332	1@22	DFT_16QAM	22.56
SA NR n48	30	10	646332	1@0	DFT_16QAM	20.98
SA NR n48	30	10	646332	1@23	DFT_16QAM	21.52
SA NR n48	30	10	646332	24@0	DFT_64QAM	20.64
SA NR n48	30	10	646332	12@6	DFT_64QAM	20.65
SA NR n48	30	10	646332	1@1	DFT_64QAM	20.50
SA NR n48	30	10	646332	1@22	DFT_64QAM	20.97
SA NR n48	30	10	646332	1@0	DFT_64QAM	20.51
SA NR n48	30	10	646332	1@23	DFT_64QAM	21.00
SA NR n48	30	10	646332	24@0	DFT_256QAM	18.69
SA NR n48	30	10	646332	12@6	DFT_256QAM	18.82
SA NR n48	30	10	646332	1@1	DFT_256QAM	18.32
SA NR n48	30	10	646332	1@22	DFT_256QAM	18.78
SA NR n48	30	10	646332	1@0	DFT_256QAM	18.22
SA NR n48	30	10	646332	1@23	DFT_256QAM	18.80
SA NR n48	30	15	637168	36@0	DFT_BPSK	22.64
SA NR n48	30	15	637168	18@9	DFT_BPSK	23.07
SA NR n48	30	15	637168	1@1	DFT_BPSK	23.30
SA NR n48	30	15	637168	1@36	DFT_BPSK	22.80
SA NR n48	30	15	637168	1@0	DFT_BPSK	22.88
SA NR n48	30	15	637168	1@37	DFT_BPSK	22.29
SA NR n48	30	15	637168	36@0	DFT_QPSK	22.16
SA NR n48	30	15	637168	18@9	DFT_QPSK	23.13
SA NR n48	30	15	637168	1@1	DFT_QPSK	23.42
SA NR n48	30	15	637168	1@36	DFT_QPSK	22.83
SA NR n48	30	15	637168	1@0	DFT_QPSK	22.49
SA NR n48	30	15	637168	1@37	DFT_QPSK	21.83
SA NR n48	30	15	637168	36@0	DFT_16QAM	21.17
SA NR n48	30	15	637168	18@9	DFT_16QAM	22.09
SA NR n48	30	15	637168	1@1	DFT_16QAM	22.70
SA NR n48	30	15	637168	1@36	DFT_16QAM	22.18
SA NR n48	30	15	637168	1@0	DFT_16QAM	21.77
SA NR n48	30	15	637168	1@37	DFT_16QAM	21.09
SA NR n48	30	15	637168	36@0	DFT_64QAM	20.72
SA NR n48	30	15	637168	18@9	DFT_64QAM	20.71

SA NR n48	30	15	637168	1@1	DFT_64QAM	21.21
SA NR n48	30	15	637168	1@36	DFT_64QAM	20.60
SA NR n48	30	15	637168	1@0	DFT_64QAM	21.21
SA NR n48	30	15	637168	1@37	DFT_64QAM	20.59
SA NR n48	30	15	637168	36@0	DFT_256QAM	18.75
SA NR n48	30	15	637168	18@9	DFT_256QAM	18.78
SA NR n48	30	15	637168	1@1	DFT_256QAM	18.84
SA NR n48	30	15	637168	1@36	DFT_256QAM	18.28
SA NR n48	30	15	637168	1@0	DFT_256QAM	19.00
SA NR n48	30	15	637168	1@37	DFT_256QAM	18.30
SA NR n48	30	15	641666	36@0	DFT_BPSK	23.05
SA NR n48	30	15	641666	18@9	DFT_BPSK	23.55
SA NR n48	30	15	641666	1@1	DFT_BPSK	23.32
SA NR n48	30	15	641666	1@36	DFT_BPSK	23.45
SA NR n48	30	15	641666	1@0	DFT_BPSK	22.85
SA NR n48	30	15	641666	1@37	DFT_BPSK	22.95
SA NR n48	30	15	641666	36@0	DFT_QPSK	22.55
SA NR n48	30	15	641666	18@9	DFT_QPSK	23.53
SA NR n48	30	15	641666	1@1	DFT_QPSK	23.44
SA NR n48	30	15	641666	1@36	DFT_QPSK	23.58
SA NR n48	30	15	641666	1@0	DFT_QPSK	22.30
SA NR n48	30	15	641666	1@37	DFT_QPSK	22.44
SA NR n48	30	15	641666	36@0	DFT_16QAM	21.57
SA NR n48	30	15	641666	18@9	DFT_16QAM	22.53
SA NR n48	30	15	641666	1@1	DFT_16QAM	22.67
SA NR n48	30	15	641666	1@36	DFT_16QAM	22.79
SA NR n48	30	15	641666	1@0	DFT_16QAM	21.59
SA NR n48	30	15	641666	1@37	DFT_16QAM	21.72
SA NR n48	30	15	641666	36@0	DFT_64QAM	21.03
SA NR n48	30	15	641666	18@9	DFT_64QAM	21.07
SA NR n48	30	15	641666	1@1	DFT_64QAM	21.09
SA NR n48	30	15	641666	1@36	DFT_64QAM	21.24
SA NR n48	30	15	641666	1@0	DFT_64QAM	21.18
SA NR n48	30	15	641666	1@37	DFT_64QAM	21.22
SA NR n48	30	15	641666	36@0	DFT_256QAM	19.12
SA NR n48	30	15	641666	18@9	DFT_256QAM	19.21
SA NR n48	30	15	641666	1@1	DFT_256QAM	18.86
SA NR n48	30	15	641666	1@36	DFT_256QAM	19.04
SA NR n48	30	15	641666	1@0	DFT_256QAM	18.87
SA NR n48	30	15	641666	1@37	DFT_256QAM	19.01
SA NR n48	30	15	646166	36@0	DFT_BPSK	22.31
SA NR n48	30	15	646166	18@9	DFT_BPSK	22.75
SA NR n48	30	15	646166	1@1	DFT_BPSK	22.51

SA NR n48	30	15	646166	1@36	DFT_BPSK	23.27
SA NR n48	30	15	646166	1@0	DFT_BPSK	22.04
SA NR n48	30	15	646166	1@37	DFT_BPSK	22.77
SA NR n48	30	15	646166	36@0	DFT_QPSK	21.85
SA NR n48	30	15	646166	18@9	DFT_QPSK	22.80
SA NR n48	30	15	646166	1@1	DFT_QPSK	22.45
SA NR n48	30	15	646166	1@36	DFT_QPSK	23.23
SA NR n48	30	15	646166	1@0	DFT_QPSK	21.48
SA NR n48	30	15	646166	1@37	DFT_QPSK	22.29
SA NR n48	30	15	646166	36@0	DFT_16QAM	20.87
SA NR n48	30	15	646166	18@9	DFT_16QAM	21.80
SA NR n48	30	15	646166	1@1	DFT_16QAM	21.76
SA NR n48	30	15	646166	1@36	DFT_16QAM	22.46
SA NR n48	30	15	646166	1@0	DFT_16QAM	20.72
SA NR n48	30	15	646166	1@37	DFT_16QAM	21.45
SA NR n48	30	15	646166	36@0	DFT_64QAM	20.36
SA NR n48	30	15	646166	18@9	DFT_64QAM	20.32
SA NR n48	30	15	646166	1@1	DFT_64QAM	20.00
SA NR n48	30	15	646166	1@36	DFT_64QAM	20.73
SA NR n48	30	15	646166	1@0	DFT_64QAM	19.98
SA NR n48	30	15	646166	1@37	DFT_64QAM	20.73
SA NR n48	30	15	646166	36@0	DFT_256QAM	18.46
SA NR n48	30	15	646166	18@9	DFT_256QAM	18.37
SA NR n48	30	15	646166	1@1	DFT_256QAM	18.05
SA NR n48	30	15	646166	1@36	DFT_256QAM	18.78
SA NR n48	30	15	646166	1@0	DFT_256QAM	18.09
SA NR n48	30	15	646166	1@37	DFT_256QAM	18.79
SA NR n48	30	20	637334	50@0	DFT_BPSK	22.60
SA NR n48	30	20	637334	25@12	DFT_BPSK	23.04
SA NR n48	30	20	637334	1@1	DFT_BPSK	23.45
SA NR n48	30	20	637334	1@49	DFT_BPSK	22.79
SA NR n48	30	20	637334	1@0	DFT_BPSK	22.98
SA NR n48	30	20	637334	1@50	DFT_BPSK	22.32
SA NR n48	30	20	637334	50@0	DFT_QPSK	22.14
SA NR n48	30	20	637334	25@12	DFT_QPSK	23.07
SA NR n48	30	20	637334	1@1	DFT_QPSK	23.42
SA NR n48	30	20	637334	1@49	DFT_QPSK	22.74
SA NR n48	30	20	637334	1@0	DFT_QPSK	22.47
SA NR n48	30	20	637334	1@50	DFT_QPSK	21.79
SA NR n48	30	20	637334	50@0	DFT_16QAM	21.11
SA NR n48	30	20	637334	25@12	DFT_16QAM	22.11
SA NR n48	30	20	637334	1@1	DFT_16QAM	22.86
SA NR n48	30	20	637334	1@49	DFT_16QAM	22.13

SA NR n48	30	20	637334	1@0	DFT_16QAM	21.85
SA NR n48	30	20	637334	1@50	DFT_16QAM	21.15
SA NR n48	30	20	637334	50@0	DFT_64QAM	20.55
SA NR n48	30	20	637334	25@12	DFT_64QAM	20.51
SA NR n48	30	20	637334	1@1	DFT_64QAM	21.30
SA NR n48	30	20	637334	1@49	DFT_64QAM	20.63
SA NR n48	30	20	637334	1@0	DFT_64QAM	21.31
SA NR n48	30	20	637334	1@50	DFT_64QAM	20.62
SA NR n48	30	20	637334	50@0	DFT_256QAM	18.71
SA NR n48	30	20	637334	25@12	DFT_256QAM	18.62
SA NR n48	30	20	637334	1@1	DFT_256QAM	19.01
SA NR n48	30	20	637334	1@49	DFT_256QAM	18.32
SA NR n48	30	20	637334	1@0	DFT_256QAM	19.03
SA NR n48	30	20	637334	1@50	DFT_256QAM	18.30
SA NR n48	30	20	641666	50@0	DFT_BPSK	22.92
SA NR n48	30	20	641666	25@12	DFT_BPSK	23.52
SA NR n48	30	20	641666	1@1	DFT_BPSK	23.32
SA NR n48	30	20	641666	1@49	DFT_BPSK	23.35
SA NR n48	30	20	641666	1@0	DFT_BPSK	22.82
SA NR n48	30	20	641666	1@50	DFT_BPSK	22.82
SA NR n48	30	20	641666	50@0	DFT_QPSK	22.53
SA NR n48	30	20	641666	25@12	DFT_QPSK	23.57
SA NR n48	30	20	641666	1@1	DFT_QPSK	23.31
SA NR n48	30	20	641666	1@49	DFT_QPSK	23.32
SA NR n48	30	20	641666	1@0	DFT_QPSK	22.32
SA NR n48	30	20	641666	1@50	DFT_QPSK	22.29
SA NR n48	30	20	641666	50@0	DFT_16QAM	21.49
SA NR n48	30	20	641666	25@12	DFT_16QAM	22.58
SA NR n48	30	20	641666	1@1	DFT_16QAM	22.67
SA NR n48	30	20	641666	1@49	DFT_16QAM	22.65
SA NR n48	30	20	641666	1@0	DFT_16QAM	21.58
SA NR n48	30	20	641666	1@50	DFT_16QAM	21.59
SA NR n48	30	20	641666	50@0	DFT_64QAM	20.99
SA NR n48	30	20	641666	25@12	DFT_64QAM	21.02
SA NR n48	30	20	641666	1@1	DFT_64QAM	21.09
SA NR n48	30	20	641666	1@49	DFT_64QAM	21.05
SA NR n48	30	20	641666	1@0	DFT_64QAM	21.06
SA NR n48	30	20	641666	1@50	DFT_64QAM	21.11
SA NR n48	30	20	641666	50@0	DFT_256QAM	19.11
SA NR n48	30	20	641666	25@12	DFT_256QAM	19.19
SA NR n48	30	20	641666	1@1	DFT_256QAM	18.87
SA NR n48	30	20	641666	1@49	DFT_256QAM	18.84
SA NR n48	30	20	641666	1@0	DFT_256QAM	18.82

SA NR n48	30	20	641666	1@50	DFT_256QAM	18.82
SA NR n48	30	20	646000	50@0	DFT_BPSK	22.20
SA NR n48	30	20	646000	25@12	DFT_BPSK	22.63
SA NR n48	30	20	646000	1@1	DFT_BPSK	22.46
SA NR n48	30	20	646000	1@49	DFT_BPSK	23.11
SA NR n48	30	20	646000	1@0	DFT_BPSK	21.99
SA NR n48	30	20	646000	1@50	DFT_BPSK	22.70
SA NR n48	30	20	646000	50@0	DFT_QPSK	21.71
SA NR n48	30	20	646000	25@12	DFT_QPSK	22.67
SA NR n48	30	20	646000	1@1	DFT_QPSK	22.44
SA NR n48	30	20	646000	1@49	DFT_QPSK	23.15
SA NR n48	30	20	646000	1@0	DFT_QPSK	21.48
SA NR n48	30	20	646000	1@50	DFT_QPSK	22.19
SA NR n48	30	20	646000	50@0	DFT_16QAM	20.78
SA NR n48	30	20	646000	25@12	DFT_16QAM	21.67
SA NR n48	30	20	646000	1@1	DFT_16QAM	21.79
SA NR n48	30	20	646000	1@49	DFT_16QAM	22.56
SA NR n48	30	20	646000	1@0	DFT_16QAM	20.72
SA NR n48	30	20	646000	1@50	DFT_16QAM	21.45
SA NR n48	30	20	646000	50@0	DFT_64QAM	20.23
SA NR n48	30	20	646000	25@12	DFT_64QAM	20.16
SA NR n48	30	20	646000	1@1	DFT_64QAM	20.25
SA NR n48	30	20	646000	1@49	DFT_64QAM	20.97
SA NR n48	30	20	646000	1@0	DFT_64QAM	20.25
SA NR n48	30	20	646000	1@50	DFT_64QAM	20.96
SA NR n48	30	20	646000	50@0	DFT_256QAM	18.32
SA NR n48	30	20	646000	25@12	DFT_256QAM	18.25
SA NR n48	30	20	646000	1@1	DFT_256QAM	18.00
SA NR n48	30	20	646000	1@49	DFT_256QAM	18.71
SA NR n48	30	20	646000	1@0	DFT_256QAM	17.98
SA NR n48	30	20	646000	1@50	DFT_256QAM	18.73
SA NR n48	30	30	637668	75@0	DFT_BPSK	22.68
SA NR n48	30	30	637668	36@18	DFT_BPSK	23.12
SA NR n48	30	30	637668	1@1	DFT_BPSK	23.18
SA NR n48	30	30	637668	1@76	DFT_BPSK	23.11
SA NR n48	30	30	637668	1@0	DFT_BPSK	22.70
SA NR n48	30	30	637668	1@77	DFT_BPSK	22.66
SA NR n48	30	30	637668	75@0	DFT_QPSK	22.15
SA NR n48	30	30	637668	36@18	DFT_QPSK	23.15
SA NR n48	30	30	637668	1@1	DFT_QPSK	23.17
SA NR n48	30	30	637668	1@76	DFT_QPSK	23.08
SA NR n48	30	30	637668	1@0	DFT_QPSK	22.15
SA NR n48	30	30	637668	1@77	DFT_QPSK	22.13

SA NR n48	30	30	637668	75@0	DFT_16QAM	21.15
SA NR n48	30	30	637668	36@18	DFT_16QAM	22.19
SA NR n48	30	30	637668	1@1	DFT_16QAM	22.61
SA NR n48	30	30	637668	1@76	DFT_16QAM	22.54
SA NR n48	30	30	637668	1@0	DFT_16QAM	21.47
SA NR n48	30	30	637668	1@77	DFT_16QAM	21.42
SA NR n48	30	30	637668	75@0	DFT_64QAM	20.69
SA NR n48	30	30	637668	36@18	DFT_64QAM	20.68
SA NR n48	30	30	637668	1@1	DFT_64QAM	21.04
SA NR n48	30	30	637668	1@76	DFT_64QAM	20.94
SA NR n48	30	30	637668	1@0	DFT_64QAM	21.02
SA NR n48	30	30	637668	1@77	DFT_64QAM	20.95
SA NR n48	30	30	637668	75@0	DFT_256QAM	18.75
SA NR n48	30	30	637668	36@18	DFT_256QAM	18.71
SA NR n48	30	30	637668	1@1	DFT_256QAM	18.73
SA NR n48	30	30	637668	1@76	DFT_256QAM	18.60
SA NR n48	30	30	637668	1@0	DFT_256QAM	18.67
SA NR n48	30	30	637668	1@77	DFT_256QAM	18.64
SA NR n48	30	30	641666	75@0	DFT_BPSK	23.23
SA NR n48	30	30	641666	36@18	DFT_BPSK	23.83
SA NR n48	30	30	641666	1@1	DFT_BPSK	23.50
SA NR n48	30	30	641666	1@76	DFT_BPSK	23.41
SA NR n48	30	30	641666	1@0	DFT_BPSK	23.03
SA NR n48	30	30	641666	1@77	DFT_BPSK	22.96
SA NR n48	30	30	641666	75@0	DFT_QPSK	22.77
SA NR n48	30	30	641666	36@18	DFT_QPSK	23.84
SA NR n48	30	30	641666	1@1	DFT_QPSK	23.50
SA NR n48	30	30	641666	1@76	DFT_QPSK	23.39
SA NR n48	30	30	641666	1@0	DFT_QPSK	22.53
SA NR n48	30	30	641666	1@77	DFT_QPSK	22.41
SA NR n48	30	30	641666	75@0	DFT_16QAM	21.75
SA NR n48	30	30	641666	36@18	DFT_16QAM	22.87
SA NR n48	30	30	641666	1@1	DFT_16QAM	22.86
SA NR n48	30	30	641666	1@76	DFT_16QAM	22.73
SA NR n48	30	30	641666	1@0	DFT_16QAM	21.72
SA NR n48	30	30	641666	1@77	DFT_16QAM	21.63
SA NR n48	30	30	641666	75@0	DFT_64QAM	21.26
SA NR n48	30	30	641666	36@18	DFT_64QAM	21.39
SA NR n48	30	30	641666	1@1	DFT_64QAM	21.31
SA NR n48	30	30	641666	1@76	DFT_64QAM	21.18
SA NR n48	30	30	641666	1@0	DFT_64QAM	21.30
SA NR n48	30	30	641666	1@77	DFT_64QAM	21.16
SA NR n48	30	30	641666	75@0	DFT_256QAM	19.32

SA NR n48	30	30	641666	36@18	DFT_256QAM	19.43
SA NR n48	30	30	641666	1@1	DFT_256QAM	19.03
SA NR n48	30	30	641666	1@76	DFT_256QAM	18.96
SA NR n48	30	30	641666	1@0	DFT_256QAM	19.03
SA NR n48	30	30	641666	1@77	DFT_256QAM	18.92
SA NR n48	30	30	645666	75@0	DFT_BPSK	22.62
SA NR n48	30	30	645666	36@18	DFT_BPSK	22.98
SA NR n48	30	30	645666	1@1	DFT_BPSK	23.36
SA NR n48	30	30	645666	1@76	DFT_BPSK	23.57
SA NR n48	30	30	645666	1@0	DFT_BPSK	22.90
SA NR n48	30	30	645666	1@77	DFT_BPSK	23.14
SA NR n48	30	30	645666	75@0	DFT_QPSK	22.14
SA NR n48	30	30	645666	36@18	DFT_QPSK	22.97
SA NR n48	30	30	645666	1@1	DFT_QPSK	23.31
SA NR n48	30	30	645666	1@76	DFT_QPSK	23.52
SA NR n48	30	30	645666	1@0	DFT_QPSK	22.37
SA NR n48	30	30	645666	1@77	DFT_QPSK	22.67
SA NR n48	30	30	645666	75@0	DFT_16QAM	21.17
SA NR n48	30	30	645666	36@18	DFT_16QAM	22.01
SA NR n48	30	30	645666	1@1	DFT_16QAM	22.66
SA NR n48	30	30	645666	1@76	DFT_16QAM	22.89
SA NR n48	30	30	645666	1@0	DFT_16QAM	21.67
SA NR n48	30	30	645666	1@77	DFT_16QAM	21.96
SA NR n48	30	30	645666	75@0	DFT_64QAM	20.67
SA NR n48	30	30	645666	36@18	DFT_64QAM	20.56
SA NR n48	30	30	645666	1@1	DFT_64QAM	21.13
SA NR n48	30	30	645666	1@76	DFT_64QAM	21.40
SA NR n48	30	30	645666	1@0	DFT_64QAM	21.15
SA NR n48	30	30	645666	1@77	DFT_64QAM	21.44
SA NR n48	30	30	645666	75@0	DFT_256QAM	18.76
SA NR n48	30	30	645666	36@18	DFT_256QAM	18.57
SA NR n48	30	30	645666	1@1	DFT_256QAM	18.89
SA NR n48	30	30	645666	1@76	DFT_256QAM	19.16
SA NR n48	30	30	645666	1@0	DFT_256QAM	18.94
SA NR n48	30	30	645666	1@77	DFT_256QAM	19.21
SA NR n48	30	40	638000	100@0	DFT_BPSK	22.83
SA NR n48	30	40	638000	50@25	DFT_BPSK	23.28
SA NR n48	30	40	638000	1@1	DFT_BPSK	23.45
SA NR n48	30	40	638000	1@104	DFT_BPSK	23.57
SA NR n48	30	40	638000	1@0	DFT_BPSK	23.01
SA NR n48	30	40	638000	1@105	DFT_BPSK	23.14
SA NR n48	30	40	638000	100@0	DFT_QPSK	22.38
SA NR n48	30	40	638000	50@25	DFT_QPSK	23.31

SA NR n48	30	40	638000	1@1	DFT_QPSK	23.41
SA NR n48	30	40	638000	1@104	DFT_QPSK	23.60
SA NR n48	30	40	638000	1@0	DFT_QPSK	22.50
SA NR n48	30	40	638000	1@105	DFT_QPSK	22.64
SA NR n48	30	40	638000	100@0	DFT_16QAM	21.37
SA NR n48	30	40	638000	50@25	DFT_16QAM	22.34
SA NR n48	30	40	638000	1@1	DFT_16QAM	22.93
SA NR n48	30	40	638000	1@104	DFT_16QAM	23.01
SA NR n48	30	40	638000	1@0	DFT_16QAM	21.79
SA NR n48	30	40	638000	1@105	DFT_16QAM	21.91
SA NR n48	30	40	638000	100@0	DFT_64QAM	20.88
SA NR n48	30	40	638000	50@25	DFT_64QAM	20.77
SA NR n48	30	40	638000	1@1	DFT_64QAM	21.31
SA NR n48	30	40	638000	1@104	DFT_64QAM	21.44
SA NR n48	30	40	638000	1@0	DFT_64QAM	21.34
SA NR n48	30	40	638000	1@105	DFT_64QAM	21.44
SA NR n48	30	40	638000	100@0	DFT_256QAM	18.97
SA NR n48	30	40	638000	50@25	DFT_256QAM	18.89
SA NR n48	30	40	638000	1@1	DFT_256QAM	18.98
SA NR n48	30	40	638000	1@104	DFT_256QAM	19.14
SA NR n48	30	40	638000	1@0	DFT_256QAM	18.98
SA NR n48	30	40	638000	1@105	DFT_256QAM	19.16
SA NR n48	30	40	641666	100@0	DFT_BPSK	23.14
SA NR n48	30	40	641666	50@25	DFT_BPSK	23.80
SA NR n48	30	40	641666	1@1	DFT_BPSK	23.55
SA NR n48	30	40	641666	1@104	DFT_BPSK	23.29
SA NR n48	30	40	641666	1@0	DFT_BPSK	23.07
SA NR n48	30	40	641666	1@105	DFT_BPSK	22.85
SA NR n48	30	40	641666	100@0	DFT_QPSK	22.69
SA NR n48	30	40	641666	50@25	DFT_QPSK	23.80
SA NR n48	30	40	641666	1@1	DFT_QPSK	23.53
SA NR n48	30	40	641666	1@104	DFT_QPSK	23.30
SA NR n48	30	40	641666	1@0	DFT_QPSK	22.57
SA NR n48	30	40	641666	1@105	DFT_QPSK	22.32
SA NR n48	30	40	641666	100@0	DFT_16QAM	21.74
SA NR n48	30	40	641666	50@25	DFT_16QAM	22.83
SA NR n48	30	40	641666	1@1	DFT_16QAM	22.92
SA NR n48	30	40	641666	1@104	DFT_16QAM	22.58
SA NR n48	30	40	641666	1@0	DFT_16QAM	21.84
SA NR n48	30	40	641666	1@105	DFT_16QAM	21.53
SA NR n48	30	40	641666	100@0	DFT_64QAM	21.22
SA NR n48	30	40	641666	50@25	DFT_64QAM	21.27
SA NR n48	30	40	641666	1@1	DFT_64QAM	21.38

SA NR n48	30	40	641666	1@104	DFT_64QAM	21.08
SA NR n48	30	40	641666	1@0	DFT_64QAM	21.38
SA NR n48	30	40	641666	1@105	DFT_64QAM	21.09
SA NR n48	30	40	641666	100@0	DFT_256QAM	19.27
SA NR n48	30	40	641666	50@25	DFT_256QAM	19.41
SA NR n48	30	40	641666	1@1	DFT_256QAM	19.11
SA NR n48	30	40	641666	1@104	DFT_256QAM	18.87
SA NR n48	30	40	641666	1@0	DFT_256QAM	19.13
SA NR n48	30	40	641666	1@105	DFT_256QAM	18.85
SA NR n48	30	40	645332	100@0	DFT_BPSK	22.64
SA NR n48	30	40	645332	50@25	DFT_BPSK	22.95
SA NR n48	30	40	645332	1@1	DFT_BPSK	23.46
SA NR n48	30	40	645332	1@104	DFT_BPSK	23.60
SA NR n48	30	40	645332	1@0	DFT_BPSK	22.94
SA NR n48	30	40	645332	1@105	DFT_BPSK	23.17
SA NR n48	30	40	645332	100@0	DFT_QPSK	22.15
SA NR n48	30	40	645332	50@25	DFT_QPSK	22.99
SA NR n48	30	40	645332	1@1	DFT_QPSK	23.38
SA NR n48	30	40	645332	1@104	DFT_QPSK	23.57
SA NR n48	30	40	645332	1@0	DFT_QPSK	22.41
SA NR n48	30	40	645332	1@105	DFT_QPSK	22.64
SA NR n48	30	40	645332	100@0	DFT_16QAM	21.14
SA NR n48	30	40	645332	50@25	DFT_16QAM	22.04
SA NR n48	30	40	645332	1@1	DFT_16QAM	22.43
SA NR n48	30	40	645332	1@104	DFT_16QAM	22.62
SA NR n48	30	40	645332	1@0	DFT_16QAM	21.42
SA NR n48	30	40	645332	1@105	DFT_16QAM	21.63
SA NR n48	30	40	645332	100@0	DFT_64QAM	20.65
SA NR n48	30	40	645332	50@25	DFT_64QAM	20.49
SA NR n48	30	40	645332	1@1	DFT_64QAM	20.97
SA NR n48	30	40	645332	1@104	DFT_64QAM	21.15
SA NR n48	30	40	645332	1@0	DFT_64QAM	20.94
SA NR n48	30	40	645332	1@105	DFT_64QAM	21.14
SA NR n48	30	40	645332	100@0	DFT_256QAM	18.69
SA NR n48	30	40	645332	50@25	DFT_256QAM	18.64
SA NR n48	30	40	645332	1@1	DFT_256QAM	18.92
SA NR n48	30	40	645332	1@104	DFT_256QAM	19.18
SA NR n48	30	40	645332	1@0	DFT_256QAM	18.94
SA NR n48	30	40	645332	1@105	DFT_256QAM	19.20
SA NR n48	30	50	638334	128@0	DFT_BPSK	22.90
SA NR n48	30	50	638334	64@32	DFT_BPSK	23.35
SA NR n48	30	50	638334	1@1	DFT_BPSK	23.46
SA NR n48	30	50	638334	1@131	DFT_BPSK	23.47

SA NR n48	30	50	638334	1@0	DFT_BPSK	22.99
SA NR n48	30	50	638334	1@132	DFT_BPSK	22.94
SA NR n48	30	50	638334	128@0	DFT_QPSK	22.45
SA NR n48	30	50	638334	64@32	DFT_QPSK	23.37
SA NR n48	30	50	638334	1@1	DFT_QPSK	23.47
SA NR n48	30	50	638334	1@131	DFT_QPSK	23.47
SA NR n48	30	50	638334	1@0	DFT_QPSK	22.54
SA NR n48	30	50	638334	1@132	DFT_QPSK	22.47
SA NR n48	30	50	638334	128@0	DFT_16QAM	21.47
SA NR n48	30	50	638334	64@32	DFT_16QAM	22.40
SA NR n48	30	50	638334	1@1	DFT_16QAM	22.96
SA NR n48	30	50	638334	1@131	DFT_16QAM	22.87
SA NR n48	30	50	638334	1@0	DFT_16QAM	21.80
SA NR n48	30	50	638334	1@132	DFT_16QAM	21.78
SA NR n48	30	50	638334	128@0	DFT_64QAM	20.96
SA NR n48	30	50	638334	64@32	DFT_64QAM	20.89
SA NR n48	30	50	638334	1@1	DFT_64QAM	21.34
SA NR n48	30	50	638334	1@131	DFT_64QAM	21.23
SA NR n48	30	50	638334	1@0	DFT_64QAM	21.36
SA NR n48	30	50	638334	1@132	DFT_64QAM	21.25
SA NR n48	30	50	638334	128@0	DFT_256QAM	19.01
SA NR n48	30	50	638334	64@32	DFT_256QAM	19.03
SA NR n48	30	50	638334	1@1	DFT_256QAM	19.05
SA NR n48	30	50	638334	1@131	DFT_256QAM	19.04
SA NR n48	30	50	638334	1@0	DFT_256QAM	19.04
SA NR n48	30	50	638334	1@132	DFT_256QAM	19.01
SA NR n48	30	50	641666	128@0	DFT_BPSK	23.11
SA NR n48	30	50	641666	64@32	DFT_BPSK	23.80
SA NR n48	30	50	641666	1@1	DFT_BPSK	23.70
SA NR n48	30	50	641666	1@131	DFT_BPSK	23.27
SA NR n48	30	50	641666	1@0	DFT_BPSK	23.17
SA NR n48	30	50	641666	1@132	DFT_BPSK	22.79
SA NR n48	30	50	641666	128@0	DFT_QPSK	22.64
SA NR n48	30	50	641666	64@32	DFT_QPSK	23.82
SA NR n48	30	50	641666	1@1	DFT_QPSK	23.66
SA NR n48	30	50	641666	1@131	DFT_QPSK	23.26
SA NR n48	30	50	641666	1@0	DFT_QPSK	22.70
SA NR n48	30	50	641666	1@132	DFT_QPSK	22.28
SA NR n48	30	50	641666	128@0	DFT_16QAM	21.65
SA NR n48	30	50	641666	64@32	DFT_16QAM	22.81
SA NR n48	30	50	641666	1@1	DFT_16QAM	22.98
SA NR n48	30	50	641666	1@131	DFT_16QAM	22.53
SA NR n48	30	50	641666	1@0	DFT_16QAM	21.97

SA NR n48	30	50	641666	1@132	DFT_16QAM	21.56
SA NR n48	30	50	641666	128@0	DFT_64QAM	21.13
SA NR n48	30	50	641666	64@32	DFT_64QAM	21.29
SA NR n48	30	50	641666	1@1	DFT_64QAM	21.43
SA NR n48	30	50	641666	1@131	DFT_64QAM	21.07
SA NR n48	30	50	641666	1@0	DFT_64QAM	21.48
SA NR n48	30	50	641666	1@132	DFT_64QAM	21.02
SA NR n48	30	50	641666	128@0	DFT_256QAM	19.25
SA NR n48	30	50	641666	64@32	DFT_256QAM	19.41
SA NR n48	30	50	641666	1@1	DFT_256QAM	19.17
SA NR n48	30	50	641666	1@131	DFT_256QAM	18.79
SA NR n48	30	50	641666	1@0	DFT_256QAM	19.18
SA NR n48	30	50	641666	1@132	DFT_256QAM	18.77
SA NR n48	30	50	645000	128@0	DFT_BPSK	22.67
SA NR n48	30	50	645000	64@32	DFT_BPSK	23.21
SA NR n48	30	50	645000	1@1	DFT_BPSK	23.04
SA NR n48	30	50	645000	1@131	DFT_BPSK	23.60
SA NR n48	30	50	645000	1@0	DFT_BPSK	22.51
SA NR n48	30	50	645000	1@132	DFT_BPSK	23.18
SA NR n48	30	50	645000	128@0	DFT_QPSK	22.17
SA NR n48	30	50	645000	64@32	DFT_QPSK	23.19
SA NR n48	30	50	645000	1@1	DFT_QPSK	23.08
SA NR n48	30	50	645000	1@131	DFT_QPSK	23.61
SA NR n48	30	50	645000	1@0	DFT_QPSK	22.03
SA NR n48	30	50	645000	1@132	DFT_QPSK	22.64
SA NR n48	30	50	645000	128@0	DFT_16QAM	21.19
SA NR n48	30	50	645000	64@32	DFT_16QAM	22.24
SA NR n48	30	50	645000	1@1	DFT_16QAM	22.28
SA NR n48	30	50	645000	1@131	DFT_16QAM	22.93
SA NR n48	30	50	645000	1@0	DFT_16QAM	21.34
SA NR n48	30	50	645000	1@132	DFT_16QAM	21.94
SA NR n48	30	50	645000	128@0	DFT_64QAM	20.72
SA NR n48	30	50	645000	64@32	DFT_64QAM	20.73
SA NR n48	30	50	645000	1@1	DFT_64QAM	20.78
SA NR n48	30	50	645000	1@131	DFT_64QAM	21.41
SA NR n48	30	50	645000	1@0	DFT_64QAM	20.82
SA NR n48	30	50	645000	1@132	DFT_64QAM	21.55
SA NR n48	30	50	645000	128@0	DFT_256QAM	18.78
SA NR n48	30	50	645000	64@32	DFT_256QAM	18.87
SA NR n48	30	50	645000	1@1	DFT_256QAM	18.51
SA NR n48	30	50	645000	1@131	DFT_256QAM	19.20
SA NR n48	30	50	645000	1@0	DFT_256QAM	18.57
SA NR n48	30	50	645000	1@132	DFT_256QAM	19.21

SA NR n48	30	60	638668	162@0	DFT_BPSK	23.03
SA NR n48	30	60	638668	81@40	DFT_BPSK	23.58
SA NR n48	30	60	638668	1@1	DFT_BPSK	23.46
SA NR n48	30	60	638668	1@160	DFT_BPSK	23.28
SA NR n48	30	60	638668	1@0	DFT_BPSK	22.98
SA NR n48	30	60	638668	1@161	DFT_BPSK	22.82
SA NR n48	30	60	638668	162@0	DFT_QPSK	22.57
SA NR n48	30	60	638668	81@40	DFT_QPSK	23.61
SA NR n48	30	60	638668	1@1	DFT_QPSK	23.46
SA NR n48	30	60	638668	1@160	DFT_QPSK	23.31
SA NR n48	30	60	638668	1@0	DFT_QPSK	22.50
SA NR n48	30	60	638668	1@161	DFT_QPSK	22.26
SA NR n48	30	60	638668	162@0	DFT_16QAM	21.50
SA NR n48	30	60	638668	81@40	DFT_16QAM	22.60
SA NR n48	30	60	638668	1@1	DFT_16QAM	22.56
SA NR n48	30	60	638668	1@160	DFT_16QAM	22.32
SA NR n48	30	60	638668	1@0	DFT_16QAM	21.48
SA NR n48	30	60	638668	1@161	DFT_16QAM	21.28
SA NR n48	30	60	638668	162@0	DFT_64QAM	21.04
SA NR n48	30	60	638668	81@40	DFT_64QAM	21.08
SA NR n48	30	60	638668	1@1	DFT_64QAM	21.06
SA NR n48	30	60	638668	1@160	DFT_64QAM	20.81
SA NR n48	30	60	638668	1@0	DFT_64QAM	20.99
SA NR n48	30	60	638668	1@161	DFT_64QAM	20.78
SA NR n48	30	60	638668	162@0	DFT_256QAM	19.13
SA NR n48	30	60	638668	81@40	DFT_256QAM	19.12
SA NR n48	30	60	638668	1@1	DFT_256QAM	19.02
SA NR n48	30	60	638668	1@160	DFT_256QAM	18.80
SA NR n48	30	60	638668	1@0	DFT_256QAM	19.03
SA NR n48	30	60	638668	1@161	DFT_256QAM	18.86
SA NR n48	30	60	641666	162@0	DFT_BPSK	23.10
SA NR n48	30	60	641666	81@40	DFT_BPSK	23.75
SA NR n48	30	60	641666	1@1	DFT_BPSK	23.68
SA NR n48	30	60	641666	1@160	DFT_BPSK	23.31
SA NR n48	30	60	641666	1@0	DFT_BPSK	23.12
SA NR n48	30	60	641666	1@161	DFT_BPSK	22.84
SA NR n48	30	60	641666	162@0	DFT_QPSK	22.60
SA NR n48	30	60	641666	81@40	DFT_QPSK	23.77
SA NR n48	30	60	641666	1@1	DFT_QPSK	23.65
SA NR n48	30	60	641666	1@160	DFT_QPSK	23.29
SA NR n48	30	60	641666	1@0	DFT_QPSK	22.63
SA NR n48	30	60	641666	1@161	DFT_QPSK	22.32
SA NR n48	30	60	641666	162@0	DFT_16QAM	21.59

SA NR n48	30	60	641666	81@40	DFT_16QAM	22.77
SA NR n48	30	60	641666	1@1	DFT_16QAM	22.98
SA NR n48	30	60	641666	1@160	DFT_16QAM	22.57
SA NR n48	30	60	641666	1@0	DFT_16QAM	21.95
SA NR n48	30	60	641666	1@161	DFT_16QAM	21.56
SA NR n48	30	60	641666	162@0	DFT_64QAM	21.16
SA NR n48	30	60	641666	81@40	DFT_64QAM	21.32
SA NR n48	30	60	641666	1@1	DFT_64QAM	21.44
SA NR n48	30	60	641666	1@160	DFT_64QAM	21.04
SA NR n48	30	60	641666	1@0	DFT_64QAM	21.44
SA NR n48	30	60	641666	1@161	DFT_64QAM	21.03
SA NR n48	30	60	641666	162@0	DFT_256QAM	19.23
SA NR n48	30	60	641666	81@40	DFT_256QAM	19.39
SA NR n48	30	60	641666	1@1	DFT_256QAM	19.21
SA NR n48	30	60	641666	1@160	DFT_256QAM	18.89
SA NR n48	30	60	641666	1@0	DFT_256QAM	19.20
SA NR n48	30	60	641666	1@161	DFT_256QAM	18.78
SA NR n48	30	60	644666	162@0	DFT_BPSK	22.99
SA NR n48	30	60	644666	81@40	DFT_BPSK	23.61
SA NR n48	30	60	644666	1@1	DFT_BPSK	23.23
SA NR n48	30	60	644666	1@160	DFT_BPSK	23.82
SA NR n48	30	60	644666	1@0	DFT_BPSK	22.74
SA NR n48	30	60	644666	1@161	DFT_BPSK	23.36
SA NR n48	30	60	644666	162@0	DFT_QPSK	22.53
SA NR n48	30	60	644666	81@40	DFT_QPSK	23.65
SA NR n48	30	60	644666	1@1	DFT_QPSK	23.23
SA NR n48	30	60	644666	1@160	DFT_QPSK	23.84
SA NR n48	30	60	644666	1@0	DFT_QPSK	22.24
SA NR n48	30	60	644666	1@161	DFT_QPSK	22.86
SA NR n48	30	60	644666	162@0	DFT_16QAM	21.53
SA NR n48	30	60	644666	81@40	DFT_16QAM	22.66
SA NR n48	30	60	644666	1@1	DFT_16QAM	22.55
SA NR n48	30	60	644666	1@160	DFT_16QAM	23.16
SA NR n48	30	60	644666	1@0	DFT_16QAM	21.45
SA NR n48	30	60	644666	1@161	DFT_16QAM	22.09
SA NR n48	30	60	644666	162@0	DFT_64QAM	21.03
SA NR n48	30	60	644666	81@40	DFT_64QAM	21.17
SA NR n48	30	60	644666	1@1	DFT_64QAM	20.95
SA NR n48	30	60	644666	1@160	DFT_64QAM	21.57
SA NR n48	30	60	644666	1@0	DFT_64QAM	20.95
SA NR n48	30	60	644666	1@161	DFT_64QAM	21.62
SA NR n48	30	60	644666	162@0	DFT_256QAM	19.09
SA NR n48	30	60	644666	81@40	DFT_256QAM	19.21

SA NR n48	30	60	644666	1@1	DFT_256QAM	18.73
SA NR n48	30	60	644666	1@160	DFT_256QAM	19.41
SA NR n48	30	60	644666	1@0	DFT_256QAM	18.73
SA NR n48	30	60	644666	1@161	DFT_256QAM	19.41
SA NR n48	30	80	639334	216@0	DFT_BPSK	23.05
SA NR n48	30	80	639334	108@54	DFT_BPSK	23.64
SA NR n48	30	80	639334	1@1	DFT_BPSK	23.57
SA NR n48	30	80	639334	1@215	DFT_BPSK	23.69
SA NR n48	30	80	639334	1@0	DFT_BPSK	23.01
SA NR n48	30	80	639334	1@216	DFT_BPSK	23.17
SA NR n48	30	80	639334	216@0	DFT_QPSK	22.64
SA NR n48	30	80	639334	108@54	DFT_QPSK	23.67
SA NR n48	30	80	639334	1@1	DFT_QPSK	23.56
SA NR n48	30	80	639334	1@215	DFT_QPSK	23.71
SA NR n48	30	80	639334	1@0	DFT_QPSK	22.53
SA NR n48	30	80	639334	1@216	DFT_QPSK	22.72
SA NR n48	30	80	639334	216@0	DFT_16QAM	21.58
SA NR n48	30	80	639334	108@54	DFT_16QAM	22.72
SA NR n48	30	80	639334	1@1	DFT_16QAM	22.92
SA NR n48	30	80	639334	1@215	DFT_16QAM	22.99
SA NR n48	30	80	639334	1@0	DFT_16QAM	21.88
SA NR n48	30	80	639334	1@216	DFT_16QAM	21.98
SA NR n48	30	80	639334	216@0	DFT_64QAM	21.13
SA NR n48	30	80	639334	108@54	DFT_64QAM	21.16
SA NR n48	30	80	639334	1@1	DFT_64QAM	21.40
SA NR n48	30	80	639334	1@215	DFT_64QAM	21.44
SA NR n48	30	80	639334	1@0	DFT_64QAM	21.31
SA NR n48	30	80	639334	1@216	DFT_64QAM	21.50
SA NR n48	30	80	639334	216@0	DFT_256QAM	19.22
SA NR n48	30	80	639334	108@54	DFT_256QAM	19.28
SA NR n48	30	80	639334	1@1	DFT_256QAM	19.10
SA NR n48	30	80	639334	1@215	DFT_256QAM	19.29
SA NR n48	30	80	639334	1@0	DFT_256QAM	19.09
SA NR n48	30	80	639334	1@216	DFT_256QAM	19.28
SA NR n48	30	80	641666	216@0	DFT_BPSK	23.16
SA NR n48	30	80	641666	108@54	DFT_BPSK	23.76
SA NR n48	30	80	641666	1@1	DFT_BPSK	23.63
SA NR n48	30	80	641666	1@215	DFT_BPSK	23.59
SA NR n48	30	80	641666	1@0	DFT_BPSK	23.15
SA NR n48	30	80	641666	1@216	DFT_BPSK	23.11
SA NR n48	30	80	641666	216@0	DFT_QPSK	22.71
SA NR n48	30	80	641666	108@54	DFT_QPSK	23.82
SA NR n48	30	80	641666	1@1	DFT_QPSK	23.64

SA NR n48	30	80	641666	1@215	DFT_QPSK	23.62
SA NR n48	30	80	641666	1@0	DFT_QPSK	22.64
SA NR n48	30	80	641666	1@216	DFT_QPSK	22.67
SA NR n48	30	80	641666	216@0	DFT_16QAM	21.71
SA NR n48	30	80	641666	108@54	DFT_16QAM	22.80
SA NR n48	30	80	641666	1@1	DFT_16QAM	23.02
SA NR n48	30	80	641666	1@215	DFT_16QAM	22.90
SA NR n48	30	80	641666	1@0	DFT_16QAM	21.87
SA NR n48	30	80	641666	1@216	DFT_16QAM	21.89
SA NR n48	30	80	641666	216@0	DFT_64QAM	21.20
SA NR n48	30	80	641666	108@54	DFT_64QAM	21.28
SA NR n48	30	80	641666	1@1	DFT_64QAM	21.40
SA NR n48	30	80	641666	1@215	DFT_64QAM	21.38
SA NR n48	30	80	641666	1@0	DFT_64QAM	21.40
SA NR n48	30	80	641666	1@216	DFT_64QAM	21.39
SA NR n48	30	80	641666	216@0	DFT_256QAM	19.32
SA NR n48	30	80	641666	108@54	DFT_256QAM	19.43
SA NR n48	30	80	641666	1@1	DFT_256QAM	19.23
SA NR n48	30	80	641666	1@215	DFT_256QAM	19.23
SA NR n48	30	80	641666	1@0	DFT_256QAM	19.23
SA NR n48	30	80	641666	1@216	DFT_256QAM	19.27
SA NR n48	30	80	644000	216@0	DFT_BPSK	23.11
SA NR n48	30	80	644000	108@54	DFT_BPSK	23.63
SA NR n48	30	80	644000	1@1	DFT_BPSK	23.81
SA NR n48	30	80	644000	1@215	DFT_BPSK	23.89
SA NR n48	30	80	644000	1@0	DFT_BPSK	23.30
SA NR n48	30	80	644000	1@216	DFT_BPSK	23.38
SA NR n48	30	80	644000	216@0	DFT_QPSK	22.67
SA NR n48	30	80	644000	108@54	DFT_QPSK	23.64
SA NR n48	30	80	644000	1@1	DFT_QPSK	23.82
SA NR n48	30	80	644000	1@215	DFT_QPSK	23.90
SA NR n48	30	80	644000	1@0	DFT_QPSK	22.81
SA NR n48	30	80	644000	1@216	DFT_QPSK	22.95
SA NR n48	30	80	644000	216@0	DFT_16QAM	21.62
SA NR n48	30	80	644000	108@54	DFT_16QAM	22.67
SA NR n48	30	80	644000	1@1	DFT_16QAM	23.15
SA NR n48	30	80	644000	1@215	DFT_16QAM	23.16
SA NR n48	30	80	644000	1@0	DFT_16QAM	22.02
SA NR n48	30	80	644000	1@216	DFT_16QAM	22.20
SA NR n48	30	80	644000	216@0	DFT_64QAM	21.13
SA NR n48	30	80	644000	108@54	DFT_64QAM	21.15
SA NR n48	30	80	644000	1@1	DFT_64QAM	21.56
SA NR n48	30	80	644000	1@215	DFT_64QAM	21.65

SA NR n48	30	80	644000	1@0	DFT_64QAM	21.56
SA NR n48	30	80	644000	1@216	DFT_64QAM	21.71
SA NR n48	30	80	644000	216@0	DFT_256QAM	19.28
SA NR n48	30	80	644000	108@54	DFT_256QAM	19.26
SA NR n48	30	80	644000	1@1	DFT_256QAM	19.37
SA NR n48	30	80	644000	1@215	DFT_256QAM	19.46
SA NR n48	30	80	644000	1@0	DFT_256QAM	19.34
SA NR n48	30	80	644000	1@216	DFT_256QAM	19.48
SA NR n48	30	90	639668	240@0	DFT_BPSK	22.98
SA NR n48	30	90	639668	120@60	DFT_BPSK	23.46
SA NR n48	30	90	639668	1@1	DFT_BPSK	23.51
SA NR n48	30	90	639668	1@243	DFT_BPSK	23.25
SA NR n48	30	90	639668	1@0	DFT_BPSK	23.02
SA NR n48	30	90	639668	1@244	DFT_BPSK	22.76
SA NR n48	30	90	639668	240@0	DFT_QPSK	22.54
SA NR n48	30	90	639668	120@60	DFT_QPSK	23.52
SA NR n48	30	90	639668	1@1	DFT_QPSK	23.49
SA NR n48	30	90	639668	1@243	DFT_QPSK	23.22
SA NR n48	30	90	639668	1@0	DFT_QPSK	22.51
SA NR n48	30	90	639668	1@244	DFT_QPSK	22.20
SA NR n48	30	90	639668	240@0	DFT_16QAM	21.52
SA NR n48	30	90	639668	120@60	DFT_16QAM	22.54
SA NR n48	30	90	639668	1@1	DFT_16QAM	22.88
SA NR n48	30	90	639668	1@243	DFT_16QAM	22.51
SA NR n48	30	90	639668	1@0	DFT_16QAM	21.78
SA NR n48	30	90	639668	1@244	DFT_16QAM	21.45
SA NR n48	30	90	639668	240@0	DFT_64QAM	21.04
SA NR n48	30	90	639668	120@60	DFT_64QAM	21.04
SA NR n48	30	90	639668	1@1	DFT_64QAM	21.38
SA NR n48	30	90	639668	1@243	DFT_64QAM	20.99
SA NR n48	30	90	639668	1@0	DFT_64QAM	21.31
SA NR n48	30	90	639668	1@244	DFT_64QAM	21.01
SA NR n48	30	90	639668	240@0	DFT_256QAM	19.10
SA NR n48	30	90	639668	120@60	DFT_256QAM	19.07
SA NR n48	30	90	639668	1@1	DFT_256QAM	19.07
SA NR n48	30	90	639668	1@243	DFT_256QAM	18.86
SA NR n48	30	90	639668	1@0	DFT_256QAM	19.07
SA NR n48	30	90	639668	1@244	DFT_256QAM	18.82
SA NR n48	30	90	641666	240@0	DFT_BPSK	23.19
SA NR n48	30	90	641666	120@60	DFT_BPSK	23.76
SA NR n48	30	90	641666	1@1	DFT_BPSK	23.54
SA NR n48	30	90	641666	1@243	DFT_BPSK	23.56
SA NR n48	30	90	641666	1@0	DFT_BPSK	23.03

SA NR n48	30	90	641666	1@244	DFT_BPSK	23.09
SA NR n48	30	90	641666	240@0	DFT_QPSK	22.71
SA NR n48	30	90	641666	120@60	DFT_QPSK	23.80
SA NR n48	30	90	641666	1@1	DFT_QPSK	23.55
SA NR n48	30	90	641666	1@243	DFT_QPSK	23.61
SA NR n48	30	90	641666	1@0	DFT_QPSK	22.51
SA NR n48	30	90	641666	1@244	DFT_QPSK	22.61
SA NR n48	30	90	641666	240@0	DFT_16QAM	21.71
SA NR n48	30	90	641666	120@60	DFT_16QAM	22.83
SA NR n48	30	90	641666	1@1	DFT_16QAM	22.88
SA NR n48	30	90	641666	1@243	DFT_16QAM	22.89
SA NR n48	30	90	641666	1@0	DFT_16QAM	21.84
SA NR n48	30	90	641666	1@244	DFT_16QAM	21.88
SA NR n48	30	90	641666	240@0	DFT_64QAM	21.25
SA NR n48	30	90	641666	120@60	DFT_64QAM	21.30
SA NR n48	30	90	641666	1@1	DFT_64QAM	21.37
SA NR n48	30	90	641666	1@243	DFT_64QAM	21.34
SA NR n48	30	90	641666	1@0	DFT_64QAM	21.27
SA NR n48	30	90	641666	1@244	DFT_64QAM	21.40
SA NR n48	30	90	641666	240@0	DFT_256QAM	19.30
SA NR n48	30	90	641666	120@60	DFT_256QAM	19.35
SA NR n48	30	90	641666	1@1	DFT_256QAM	19.13
SA NR n48	30	90	641666	1@243	DFT_256QAM	19.17
SA NR n48	30	90	641666	1@0	DFT_256QAM	19.14
SA NR n48	30	90	641666	1@244	DFT_256QAM	19.20
SA NR n48	30	90	643666	240@0	DFT_BPSK	23.20
SA NR n48	30	90	643666	120@60	DFT_BPSK	23.76
SA NR n48	30	90	643666	1@1	DFT_BPSK	23.57
SA NR n48	30	90	643666	1@243	DFT_BPSK	23.88
SA NR n48	30	90	643666	1@0	DFT_BPSK	23.07
SA NR n48	30	90	643666	1@244	DFT_BPSK	23.38
SA NR n48	30	90	643666	240@0	DFT_QPSK	22.71
SA NR n48	30	90	643666	120@60	DFT_QPSK	23.81
SA NR n48	30	90	643666	1@1	DFT_QPSK	23.54
SA NR n48	30	90	643666	1@243	DFT_QPSK	23.85
SA NR n48	30	90	643666	1@0	DFT_QPSK	22.53
SA NR n48	30	90	643666	1@244	DFT_QPSK	22.91
SA NR n48	30	90	643666	240@0	DFT_16QAM	21.74
SA NR n48	30	90	643666	120@60	DFT_16QAM	22.79
SA NR n48	30	90	643666	1@1	DFT_16QAM	22.89
SA NR n48	30	90	643666	1@243	DFT_16QAM	23.18
SA NR n48	30	90	643666	1@0	DFT_16QAM	21.76
SA NR n48	30	90	643666	1@244	DFT_16QAM	22.11

SA NR n48	30	90	643666	240@0	DFT_64QAM	21.24
SA NR n48	30	90	643666	120@60	DFT_64QAM	21.30
SA NR n48	30	90	643666	1@1	DFT_64QAM	21.29
SA NR n48	30	90	643666	1@243	DFT_64QAM	21.59
SA NR n48	30	90	643666	1@0	DFT_64QAM	21.28
SA NR n48	30	90	643666	1@244	DFT_64QAM	21.68
SA NR n48	30	90	643666	240@0	DFT_256QAM	19.30
SA NR n48	30	90	643666	120@60	DFT_256QAM	19.32
SA NR n48	30	90	643666	1@1	DFT_256QAM	19.14
SA NR n48	30	90	643666	1@243	DFT_256QAM	19.47
SA NR n48	30	90	643666	1@0	DFT_256QAM	19.13
SA NR n48	30	90	643666	1@244	DFT_256QAM	19.55
SA NR n48	30	100	640000	270@0	DFT_BPSK	23.04
SA NR n48	30	100	640000	135@67	DFT_BPSK	23.59
SA NR n48	30	100	640000	1@1	DFT_BPSK	23.50
SA NR n48	30	100	640000	1@271	DFT_BPSK	23.02
SA NR n48	30	100	640000	1@0	DFT_BPSK	22.99
SA NR n48	30	100	640000	1@272	DFT_BPSK	22.57
SA NR n48	30	100	640000	270@0	DFT_QPSK	22.56
SA NR n48	30	100	640000	135@67	DFT_QPSK	23.56
SA NR n48	30	100	640000	1@1	DFT_QPSK	23.55
SA NR n48	30	100	640000	1@271	DFT_QPSK	23.10
SA NR n48	30	100	640000	1@0	DFT_QPSK	22.51
SA NR n48	30	100	640000	1@272	DFT_QPSK	22.08
SA NR n48	30	100	640000	270@0	DFT_16QAM	21.58
SA NR n48	30	100	640000	135@67	DFT_16QAM	22.67
SA NR n48	30	100	640000	1@1	DFT_16QAM	22.91
SA NR n48	30	100	640000	1@271	DFT_16QAM	22.34
SA NR n48	30	100	640000	1@0	DFT_16QAM	21.76
SA NR n48	30	100	640000	1@272	DFT_16QAM	21.27
SA NR n48	30	100	640000	270@0	DFT_64QAM	21.07
SA NR n48	30	100	640000	135@67	DFT_64QAM	21.16
SA NR n48	30	100	640000	1@1	DFT_64QAM	21.38
SA NR n48	30	100	640000	1@271	DFT_64QAM	20.79
SA NR n48	30	100	640000	1@0	DFT_64QAM	21.34
SA NR n48	30	100	640000	1@272	DFT_64QAM	20.80
SA NR n48	30	100	640000	270@0	DFT_256QAM	19.19
SA NR n48	30	100	640000	135@67	DFT_256QAM	19.20
SA NR n48	30	100	640000	1@1	DFT_256QAM	19.07
SA NR n48	30	100	640000	1@271	DFT_256QAM	18.64
SA NR n48	30	100	640000	1@0	DFT_256QAM	19.10
SA NR n48	30	100	640000	1@272	DFT_256QAM	18.62
SA NR n48	30	100	641666	270@0	DFT_BPSK	23.16

SA NR n48	30	100	641666	135@67	DFT_BPSK	23.71
SA NR n48	30	100	641666	1@1	DFT_BPSK	23.40
SA NR n48	30	100	641666	1@271	DFT_BPSK	23.28
SA NR n48	30	100	641666	1@0	DFT_BPSK	22.89
SA NR n48	30	100	641666	1@272	DFT_BPSK	22.75
SA NR n48	30	100	641666	270@0	DFT_QPSK	22.67
SA NR n48	30	100	641666	135@67	DFT_QPSK	23.75
SA NR n48	30	100	641666	1@1	DFT_QPSK	23.39
SA NR n48	30	100	641666	1@271	DFT_QPSK	23.28
SA NR n48	30	100	641666	1@0	DFT_QPSK	22.39
SA NR n48	30	100	641666	1@272	DFT_QPSK	22.26
SA NR n48	30	100	641666	270@0	DFT_16QAM	21.67
SA NR n48	30	100	641666	135@67	DFT_16QAM	22.76
SA NR n48	30	100	641666	1@1	DFT_16QAM	22.81
SA NR n48	30	100	641666	1@271	DFT_16QAM	22.57
SA NR n48	30	100	641666	1@0	DFT_16QAM	21.63
SA NR n48	30	100	641666	1@272	DFT_16QAM	21.47
SA NR n48	30	100	641666	270@0	DFT_64QAM	21.17
SA NR n48	30	100	641666	135@67	DFT_64QAM	21.28
SA NR n48	30	100	641666	1@1	DFT_64QAM	21.18
SA NR n48	30	100	641666	1@271	DFT_64QAM	21.05
SA NR n48	30	100	641666	1@0	DFT_64QAM	21.17
SA NR n48	30	100	641666	1@272	DFT_64QAM	21.08
SA NR n48	30	100	641666	270@0	DFT_256QAM	19.30
SA NR n48	30	100	641666	135@67	DFT_256QAM	19.30
SA NR n48	30	100	641666	1@1	DFT_256QAM	19.02
SA NR n48	30	100	641666	1@271	DFT_256QAM	18.89
SA NR n48	30	100	641666	1@0	DFT_256QAM	19.00
SA NR n48	30	100	641666	1@272	DFT_256QAM	18.84
SA NR n48	30	100	643332	270@0	DFT_BPSK	23.08
SA NR n48	30	100	643332	135@67	DFT_BPSK	23.65
SA NR n48	30	100	643332	1@1	DFT_BPSK	23.59
SA NR n48	30	100	643332	1@271	DFT_BPSK	23.85
SA NR n48	30	100	643332	1@0	DFT_BPSK	23.11
SA NR n48	30	100	643332	1@272	DFT_BPSK	23.42
SA NR n48	30	100	643332	270@0	DFT_QPSK	22.64
SA NR n48	30	100	643332	135@67	DFT_QPSK	23.72
SA NR n48	30	100	643332	1@1	DFT_QPSK	23.60
SA NR n48	30	100	643332	1@271	DFT_QPSK	23.86
SA NR n48	30	100	643332	1@0	DFT_QPSK	22.57
SA NR n48	30	100	643332	1@272	DFT_QPSK	22.91
SA NR n48	30	100	643332	270@0	DFT_16QAM	21.61
SA NR n48	30	100	643332	135@67	DFT_16QAM	22.70

SA NR n48	30	100	643332	1@1	DFT_16QAM	22.95
SA NR n48	30	100	643332	1@271	DFT_16QAM	23.13
SA NR n48	30	100	643332	1@0	DFT_16QAM	21.82
SA NR n48	30	100	643332	1@272	DFT_16QAM	22.14
SA NR n48	30	100	643332	270@0	DFT_64QAM	21.14
SA NR n48	30	100	643332	135@67	DFT_64QAM	21.21
SA NR n48	30	100	643332	1@1	DFT_64QAM	21.36
SA NR n48	30	100	643332	1@271	DFT_64QAM	21.67
SA NR n48	30	100	643332	1@0	DFT_64QAM	21.40
SA NR n48	30	100	643332	1@272	DFT_64QAM	21.69
SA NR n48	30	100	643332	270@0	DFT_256QAM	19.23
SA NR n48	30	100	643332	135@67	DFT_256QAM	19.29
SA NR n48	30	100	643332	1@1	DFT_256QAM	19.16
SA NR n48	30	100	643332	1@271	DFT_256QAM	19.50
SA NR n48	30	100	643332	1@0	DFT_256QAM	19.19
SA NR n48	30	100	643332	1@272	DFT_256QAM	19.54

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)
MIMO NR n48	30	10	637000	24@0	CP_QPSK	20.44
MIMO NR n48	30	10	637000	12@6	CP_QPSK	22.03
MIMO NR n48	30	10	637000	1@1	CP_QPSK	22.13
MIMO NR n48	30	10	637000	1@22	CP_QPSK	21.76
MIMO NR n48	30	10	637000	1@0	CP_QPSK	20.81
MIMO NR n48	30	10	637000	1@23	CP_QPSK	20.45
MIMO NR n48	30	10	637000	24@0	CP_16QAM	20.50
MIMO NR n48	30	10	637000	12@6	CP_16QAM	21.48
MIMO NR n48	30	10	637000	1@1	CP_16QAM	21.37
MIMO NR n48	30	10	637000	1@22	CP_16QAM	21.09
MIMO NR n48	30	10	637000	1@0	CP_16QAM	20.43
MIMO NR n48	30	10	637000	1@23	CP_16QAM	20.02
MIMO NR n48	30	10	637000	24@0	CP_64QAM	19.98
MIMO NR n48	30	10	637000	12@6	CP_64QAM	20.00
MIMO NR n48	30	10	637000	1@1	CP_64QAM	20.17
MIMO NR n48	30	10	637000	1@22	CP_64QAM	19.78
MIMO NR n48	30	10	637000	1@0	CP_64QAM	20.20
MIMO NR n48	30	10	637000	1@23	CP_64QAM	19.80
MIMO NR n48	30	10	637000	24@0	CP_256QAM	16.96
MIMO NR n48	30	10	637000	12@6	CP_256QAM	17.05
MIMO NR n48	30	10	637000	1@1	CP_256QAM	17.47
MIMO NR n48	30	10	637000	1@22	CP_256QAM	17.04
MIMO NR n48	30	10	637000	1@0	CP_256QAM	17.43
MIMO NR n48	30	10	637000	1@23	CP_256QAM	16.98

MIMO NR n48	30	10	641666	24@0	CP_QPSK	20.78
MIMO NR n48	30	10	641666	12@6	CP_QPSK	22.33
MIMO NR n48	30	10	641666	1@1	CP_QPSK	22.20
MIMO NR n48	30	10	641666	1@22	CP_QPSK	22.38
MIMO NR n48	30	10	641666	1@0	CP_QPSK	20.75
MIMO NR n48	30	10	641666	1@23	CP_QPSK	20.98
MIMO NR n48	30	10	641666	24@0	CP_16QAM	20.77
MIMO NR n48	30	10	641666	12@6	CP_16QAM	21.76
MIMO NR n48	30	10	641666	1@1	CP_16QAM	21.58
MIMO NR n48	30	10	641666	1@22	CP_16QAM	21.76
MIMO NR n48	30	10	641666	1@0	CP_16QAM	20.59
MIMO NR n48	30	10	641666	1@23	CP_16QAM	20.80
MIMO NR n48	30	10	641666	24@0	CP_64QAM	20.23
MIMO NR n48	30	10	641666	12@6	CP_64QAM	20.30
MIMO NR n48	30	10	641666	1@1	CP_64QAM	20.27
MIMO NR n48	30	10	641666	1@22	CP_64QAM	20.41
MIMO NR n48	30	10	641666	1@0	CP_64QAM	20.23
MIMO NR n48	30	10	641666	1@23	CP_64QAM	20.44
MIMO NR n48	30	10	641666	24@0	CP_256QAM	17.32
MIMO NR n48	30	10	641666	12@6	CP_256QAM	17.43
MIMO NR n48	30	10	641666	1@1	CP_256QAM	17.51
MIMO NR n48	30	10	641666	1@22	CP_256QAM	17.64
MIMO NR n48	30	10	641666	1@0	CP_256QAM	17.48
MIMO NR n48	30	10	641666	1@23	CP_256QAM	17.67
MIMO NR n48	30	10	646332	24@0	CP_QPSK	20.20
MIMO NR n48	30	10	646332	12@6	CP_QPSK	21.74
MIMO NR n48	30	10	646332	1@1	CP_QPSK	21.45
MIMO NR n48	30	10	646332	1@22	CP_QPSK	21.91
MIMO NR n48	30	10	646332	1@0	CP_QPSK	19.98
MIMO NR n48	30	10	646332	1@23	CP_QPSK	20.56
MIMO NR n48	30	10	646332	24@0	CP_16QAM	20.19
MIMO NR n48	30	10	646332	12@6	CP_16QAM	21.17
MIMO NR n48	30	10	646332	1@1	CP_16QAM	20.79
MIMO NR n48	30	10	646332	1@22	CP_16QAM	21.31
MIMO NR n48	30	10	646332	1@0	CP_16QAM	19.86
MIMO NR n48	30	10	646332	1@23	CP_16QAM	20.42
MIMO NR n48	30	10	646332	24@0	CP_64QAM	19.69
MIMO NR n48	30	10	646332	12@6	CP_64QAM	19.77
MIMO NR n48	30	10	646332	1@1	CP_64QAM	19.54
MIMO NR n48	30	10	646332	1@22	CP_64QAM	20.05
MIMO NR n48	30	10	646332	1@0	CP_64QAM	19.52
MIMO NR n48	30	10	646332	1@23	CP_64QAM	20.03
MIMO NR n48	30	10	646332	24@0	CP_256QAM	16.73

MIMO NR n48	30	10	646332	12@6	CP_256QAM	16.84
MIMO NR n48	30	10	646332	1@1	CP_256QAM	16.76
MIMO NR n48	30	10	646332	1@22	CP_256QAM	17.30
MIMO NR n48	30	10	646332	1@0	CP_256QAM	16.73
MIMO NR n48	30	10	646332	1@23	CP_256QAM	17.30
MIMO NR n48	30	15	637168	38@0	CP_QPSK	20.39
MIMO NR n48	30	15	637168	19@9	CP_QPSK	21.75
MIMO NR n48	30	15	637168	1@1	CP_QPSK	22.04
MIMO NR n48	30	15	637168	1@36	CP_QPSK	21.57
MIMO NR n48	30	15	637168	1@0	CP_QPSK	20.69
MIMO NR n48	30	15	637168	1@37	CP_QPSK	20.11
MIMO NR n48	30	15	637168	38@0	CP_16QAM	20.32
MIMO NR n48	30	15	637168	19@9	CP_16QAM	21.38
MIMO NR n48	30	15	637168	1@1	CP_16QAM	21.58
MIMO NR n48	30	15	637168	1@36	CP_16QAM	21.01
MIMO NR n48	30	15	637168	1@0	CP_16QAM	20.58
MIMO NR n48	30	15	637168	1@37	CP_16QAM	19.97
MIMO NR n48	30	15	637168	38@0	CP_64QAM	19.82
MIMO NR n48	30	15	637168	19@9	CP_64QAM	19.73
MIMO NR n48	30	15	637168	1@1	CP_64QAM	20.16
MIMO NR n48	30	15	637168	1@36	CP_64QAM	19.55
MIMO NR n48	30	15	637168	1@0	CP_64QAM	20.11
MIMO NR n48	30	15	637168	1@37	CP_64QAM	19.57
MIMO NR n48	30	15	637168	38@0	CP_256QAM	16.89
MIMO NR n48	30	15	637168	19@9	CP_256QAM	16.91
MIMO NR n48	30	15	637168	1@1	CP_256QAM	17.46
MIMO NR n48	30	15	637168	1@36	CP_256QAM	16.94
MIMO NR n48	30	15	637168	1@0	CP_256QAM	17.50
MIMO NR n48	30	15	637168	1@37	CP_256QAM	16.92
MIMO NR n48	30	15	641666	38@0	CP_QPSK	20.75
MIMO NR n48	30	15	641666	19@9	CP_QPSK	22.25
MIMO NR n48	30	15	641666	1@1	CP_QPSK	22.07
MIMO NR n48	30	15	641666	1@36	CP_QPSK	22.29
MIMO NR n48	30	15	641666	1@0	CP_QPSK	20.59
MIMO NR n48	30	15	641666	1@37	CP_QPSK	20.83
MIMO NR n48	30	15	641666	38@0	CP_16QAM	20.72
MIMO NR n48	30	15	641666	19@9	CP_16QAM	21.81
MIMO NR n48	30	15	641666	1@1	CP_16QAM	21.54
MIMO NR n48	30	15	641666	1@36	CP_16QAM	21.68
MIMO NR n48	30	15	641666	1@0	CP_16QAM	20.48
MIMO NR n48	30	15	641666	1@37	CP_16QAM	20.73
MIMO NR n48	30	15	641666	38@0	CP_64QAM	20.32
MIMO NR n48	30	15	641666	19@9	CP_64QAM	20.30

MIMO NR n48	30	15	641666	1@1	CP_64QAM	20.18
MIMO NR n48	30	15	641666	1@36	CP_64QAM	20.32
MIMO NR n48	30	15	641666	1@0	CP_64QAM	20.13
MIMO NR n48	30	15	641666	1@37	CP_64QAM	20.30
MIMO NR n48	30	15	641666	38@0	CP_256QAM	17.27
MIMO NR n48	30	15	641666	19@9	CP_256QAM	17.32
MIMO NR n48	30	15	641666	1@1	CP_256QAM	17.39
MIMO NR n48	30	15	641666	1@36	CP_256QAM	17.61
MIMO NR n48	30	15	641666	1@0	CP_256QAM	17.37
MIMO NR n48	30	15	641666	1@37	CP_256QAM	17.54
MIMO NR n48	30	15	646166	38@0	CP_QPSK	19.97
MIMO NR n48	30	15	646166	19@9	CP_QPSK	21.41
MIMO NR n48	30	15	646166	1@1	CP_QPSK	21.21
MIMO NR n48	30	15	646166	1@36	CP_QPSK	21.87
MIMO NR n48	30	15	646166	1@0	CP_QPSK	19.72
MIMO NR n48	30	15	646166	1@37	CP_QPSK	20.50
MIMO NR n48	30	15	646166	38@0	CP_16QAM	19.98
MIMO NR n48	30	15	646166	19@9	CP_16QAM	21.02
MIMO NR n48	30	15	646166	1@1	CP_16QAM	20.59
MIMO NR n48	30	15	646166	1@36	CP_16QAM	21.33
MIMO NR n48	30	15	646166	1@0	CP_16QAM	19.64
MIMO NR n48	30	15	646166	1@37	CP_16QAM	20.39
MIMO NR n48	30	15	646166	38@0	CP_64QAM	19.61
MIMO NR n48	30	15	646166	19@9	CP_64QAM	19.50
MIMO NR n48	30	15	646166	1@1	CP_64QAM	19.32
MIMO NR n48	30	15	646166	1@36	CP_64QAM	20.07
MIMO NR n48	30	15	646166	1@0	CP_64QAM	19.38
MIMO NR n48	30	15	646166	1@37	CP_64QAM	20.05
MIMO NR n48	30	15	646166	38@0	CP_256QAM	16.55
MIMO NR n48	30	15	646166	19@9	CP_256QAM	16.54
MIMO NR n48	30	15	646166	1@1	CP_256QAM	16.48
MIMO NR n48	30	15	646166	1@36	CP_256QAM	17.25
MIMO NR n48	30	15	646166	1@0	CP_256QAM	16.52
MIMO NR n48	30	15	646166	1@37	CP_256QAM	17.23
MIMO NR n48	30	20	637334	51@0	CP_QPSK	20.29
MIMO NR n48	30	20	637334	25@12	CP_QPSK	21.78
MIMO NR n48	30	20	637334	1@1	CP_QPSK	22.15
MIMO NR n48	30	20	637334	1@49	CP_QPSK	21.56
MIMO NR n48	30	20	637334	1@0	CP_QPSK	20.74
MIMO NR n48	30	20	637334	1@50	CP_QPSK	20.16
MIMO NR n48	30	20	637334	51@0	CP_16QAM	20.34
MIMO NR n48	30	20	637334	25@12	CP_16QAM	21.27
MIMO NR n48	30	20	637334	1@1	CP_16QAM	21.65

MIMO NR n48	30	20	637334	1@49	CP_16QAM	20.95
MIMO NR n48	30	20	637334	1@0	CP_16QAM	20.64
MIMO NR n48	30	20	637334	1@50	CP_16QAM	20.00
MIMO NR n48	30	20	637334	51@0	CP_64QAM	19.84
MIMO NR n48	30	20	637334	25@12	CP_64QAM	19.79
MIMO NR n48	30	20	637334	1@1	CP_64QAM	20.23
MIMO NR n48	30	20	637334	1@49	CP_64QAM	19.60
MIMO NR n48	30	20	637334	1@0	CP_64QAM	20.23
MIMO NR n48	30	20	637334	1@50	CP_64QAM	19.61
MIMO NR n48	30	20	637334	51@0	CP_256QAM	16.88
MIMO NR n48	30	20	637334	25@12	CP_256QAM	16.89
MIMO NR n48	30	20	637334	1@1	CP_256QAM	17.59
MIMO NR n48	30	20	637334	1@49	CP_256QAM	16.84
MIMO NR n48	30	20	637334	1@0	CP_256QAM	17.57
MIMO NR n48	30	20	637334	1@50	CP_256QAM	16.94
MIMO NR n48	30	20	641666	51@0	CP_QPSK	20.75
MIMO NR n48	30	20	641666	25@12	CP_QPSK	22.25
MIMO NR n48	30	20	641666	1@1	CP_QPSK	22.06
MIMO NR n48	30	20	641666	1@49	CP_QPSK	22.15
MIMO NR n48	30	20	641666	1@0	CP_QPSK	20.52
MIMO NR n48	30	20	641666	1@50	CP_QPSK	20.62
MIMO NR n48	30	20	641666	51@0	CP_16QAM	20.68
MIMO NR n48	30	20	641666	25@12	CP_16QAM	21.76
MIMO NR n48	30	20	641666	1@1	CP_16QAM	21.41
MIMO NR n48	30	20	641666	1@49	CP_16QAM	21.47
MIMO NR n48	30	20	641666	1@0	CP_16QAM	20.45
MIMO NR n48	30	20	641666	1@50	CP_16QAM	20.58
MIMO NR n48	30	20	641666	51@0	CP_64QAM	20.32
MIMO NR n48	30	20	641666	25@12	CP_64QAM	20.38
MIMO NR n48	30	20	641666	1@1	CP_64QAM	20.20
MIMO NR n48	30	20	641666	1@49	CP_64QAM	20.25
MIMO NR n48	30	20	641666	1@0	CP_64QAM	20.14
MIMO NR n48	30	20	641666	1@50	CP_64QAM	20.30
MIMO NR n48	30	20	641666	51@0	CP_256QAM	17.28
MIMO NR n48	30	20	641666	25@12	CP_256QAM	17.35
MIMO NR n48	30	20	641666	1@1	CP_256QAM	17.38
MIMO NR n48	30	20	641666	1@49	CP_256QAM	17.43
MIMO NR n48	30	20	641666	1@0	CP_256QAM	17.30
MIMO NR n48	30	20	641666	1@50	CP_256QAM	17.42
MIMO NR n48	30	20	646000	51@0	CP_QPSK	19.88
MIMO NR n48	30	20	646000	25@12	CP_QPSK	21.26
MIMO NR n48	30	20	646000	1@1	CP_QPSK	21.12
MIMO NR n48	30	20	646000	1@49	CP_QPSK	21.76

MIMO NR n48	30	20	646000	1@0	CP_QPSK	19.64
MIMO NR n48	30	20	646000	1@50	CP_QPSK	20.30
MIMO NR n48	30	20	646000	51@0	CP_16QAM	19.87
MIMO NR n48	30	20	646000	25@12	CP_16QAM	20.73
MIMO NR n48	30	20	646000	1@1	CP_16QAM	20.88
MIMO NR n48	30	20	646000	1@49	CP_16QAM	21.54
MIMO NR n48	30	20	646000	1@0	CP_16QAM	19.84
MIMO NR n48	30	20	646000	1@50	CP_16QAM	20.26
MIMO NR n48	30	20	646000	51@0	CP_64QAM	19.44
MIMO NR n48	30	20	646000	25@12	CP_64QAM	19.38
MIMO NR n48	30	20	646000	1@1	CP_64QAM	19.48
MIMO NR n48	30	20	646000	1@49	CP_64QAM	20.05
MIMO NR n48	30	20	646000	1@0	CP_64QAM	19.48
MIMO NR n48	30	20	646000	1@50	CP_64QAM	20.11
MIMO NR n48	30	20	646000	51@0	CP_256QAM	16.44
MIMO NR n48	30	20	646000	25@12	CP_256QAM	16.29
MIMO NR n48	30	20	646000	1@1	CP_256QAM	16.51
MIMO NR n48	30	20	646000	1@49	CP_256QAM	17.20
MIMO NR n48	30	20	646000	1@0	CP_256QAM	16.55
MIMO NR n48	30	20	646000	1@50	CP_256QAM	17.20
MIMO NR n48	30	30	637668	78@0	CP_QPSK	20.30
MIMO NR n48	30	30	637668	39@19	CP_QPSK	21.94
MIMO NR n48	30	30	637668	1@1	CP_QPSK	21.81
MIMO NR n48	30	30	637668	1@76	CP_QPSK	21.72
MIMO NR n48	30	30	637668	1@0	CP_QPSK	20.36
MIMO NR n48	30	30	637668	1@77	CP_QPSK	20.32
MIMO NR n48	30	30	637668	78@0	CP_16QAM	20.37
MIMO NR n48	30	30	637668	39@19	CP_16QAM	21.37
MIMO NR n48	30	30	637668	1@1	CP_16QAM	21.35
MIMO NR n48	30	30	637668	1@76	CP_16QAM	21.21
MIMO NR n48	30	30	637668	1@0	CP_16QAM	20.44
MIMO NR n48	30	30	637668	1@77	CP_16QAM	20.39
MIMO NR n48	30	30	637668	78@0	CP_64QAM	19.86
MIMO NR n48	30	30	637668	39@19	CP_64QAM	19.88
MIMO NR n48	30	30	637668	1@1	CP_64QAM	20.02
MIMO NR n48	30	30	637668	1@76	CP_64QAM	19.92
MIMO NR n48	30	30	637668	1@0	CP_64QAM	20.02
MIMO NR n48	30	30	637668	1@77	CP_64QAM	19.96
MIMO NR n48	30	30	637668	78@0	CP_256QAM	16.97
MIMO NR n48	30	30	637668	39@19	CP_256QAM	16.91
MIMO NR n48	30	30	637668	1@1	CP_256QAM	17.32
MIMO NR n48	30	30	637668	1@76	CP_256QAM	17.16
MIMO NR n48	30	30	637668	1@0	CP_256QAM	17.26

MIMO NR n48	30	30	637668	1@77	CP_256QAM	17.23
MIMO NR n48	30	30	641666	78@0	CP_QPSK	20.90
MIMO NR n48	30	30	641666	39@19	CP_QPSK	22.59
MIMO NR n48	30	30	641666	1@1	CP_QPSK	22.22
MIMO NR n48	30	30	641666	1@76	CP_QPSK	22.18
MIMO NR n48	30	30	641666	1@0	CP_QPSK	20.75
MIMO NR n48	30	30	641666	1@77	CP_QPSK	20.78
MIMO NR n48	30	30	641666	78@0	CP_16QAM	20.93
MIMO NR n48	30	30	641666	39@19	CP_16QAM	22.08
MIMO NR n48	30	30	641666	1@1	CP_16QAM	21.74
MIMO NR n48	30	30	641666	1@76	CP_16QAM	21.65
MIMO NR n48	30	30	641666	1@0	CP_16QAM	20.78
MIMO NR n48	30	30	641666	1@77	CP_16QAM	20.74
MIMO NR n48	30	30	641666	78@0	CP_64QAM	20.44
MIMO NR n48	30	30	641666	39@19	CP_64QAM	20.56
MIMO NR n48	30	30	641666	1@1	CP_64QAM	20.26
MIMO NR n48	30	30	641666	1@76	CP_64QAM	20.25
MIMO NR n48	30	30	641666	1@0	CP_64QAM	20.21
MIMO NR n48	30	30	641666	1@77	CP_64QAM	20.27
MIMO NR n48	30	30	641666	78@0	CP_256QAM	17.51
MIMO NR n48	30	30	641666	39@19	CP_256QAM	17.62
MIMO NR n48	30	30	641666	1@1	CP_256QAM	17.55
MIMO NR n48	30	30	641666	1@76	CP_256QAM	17.55
MIMO NR n48	30	30	641666	1@0	CP_256QAM	17.52
MIMO NR n48	30	30	641666	1@77	CP_256QAM	17.55
MIMO NR n48	30	30	645666	78@0	CP_QPSK	20.34
MIMO NR n48	30	30	645666	39@19	CP_QPSK	21.67
MIMO NR n48	30	30	645666	1@1	CP_QPSK	22.21
MIMO NR n48	30	30	645666	1@76	CP_QPSK	22.32
MIMO NR n48	30	30	645666	1@0	CP_QPSK	20.75
MIMO NR n48	30	30	645666	1@77	CP_QPSK	20.87
MIMO NR n48	30	30	645666	78@0	CP_16QAM	20.32
MIMO NR n48	30	30	645666	39@19	CP_16QAM	21.17
MIMO NR n48	30	30	645666	1@1	CP_16QAM	21.74
MIMO NR n48	30	30	645666	1@76	CP_16QAM	21.91
MIMO NR n48	30	30	645666	1@0	CP_16QAM	20.64
MIMO NR n48	30	30	645666	1@77	CP_16QAM	20.78
MIMO NR n48	30	30	645666	78@0	CP_64QAM	19.80
MIMO NR n48	30	30	645666	39@19	CP_64QAM	19.67
MIMO NR n48	30	30	645666	1@1	CP_64QAM	20.23
MIMO NR n48	30	30	645666	1@76	CP_64QAM	20.37
MIMO NR n48	30	30	645666	1@0	CP_64QAM	20.23
MIMO NR n48	30	30	645666	1@77	CP_64QAM	20.39

MIMO NR n48	30	30	645666	78@0	CP_256QAM	16.96
MIMO NR n48	30	30	645666	39@19	CP_256QAM	16.73
MIMO NR n48	30	30	645666	1@1	CP_256QAM	17.53
MIMO NR n48	30	30	645666	1@76	CP_256QAM	17.67
MIMO NR n48	30	30	645666	1@0	CP_256QAM	17.52
MIMO NR n48	30	30	645666	1@77	CP_256QAM	17.73
MIMO NR n48	30	40	638000	106@0	CP_QPSK	20.58
MIMO NR n48	30	40	638000	53@26	CP_QPSK	22.02
MIMO NR n48	30	40	638000	1@1	CP_QPSK	22.17
MIMO NR n48	30	40	638000	1@104	CP_QPSK	22.43
MIMO NR n48	30	40	638000	1@0	CP_QPSK	20.73
MIMO NR n48	30	40	638000	1@105	CP_QPSK	20.95
MIMO NR n48	30	40	638000	106@0	CP_16QAM	20.60
MIMO NR n48	30	40	638000	53@26	CP_16QAM	21.49
MIMO NR n48	30	40	638000	1@1	CP_16QAM	21.57
MIMO NR n48	30	40	638000	1@104	CP_16QAM	21.83
MIMO NR n48	30	40	638000	1@0	CP_16QAM	20.65
MIMO NR n48	30	40	638000	1@105	CP_16QAM	20.84
MIMO NR n48	30	40	638000	106@0	CP_64QAM	20.10
MIMO NR n48	30	40	638000	53@26	CP_64QAM	19.94
MIMO NR n48	30	40	638000	1@1	CP_64QAM	20.30
MIMO NR n48	30	40	638000	1@104	CP_64QAM	20.48
MIMO NR n48	30	40	638000	1@0	CP_64QAM	20.32
MIMO NR n48	30	40	638000	1@105	CP_64QAM	20.48
MIMO NR n48	30	40	638000	106@0	CP_256QAM	17.20
MIMO NR n48	30	40	638000	53@26	CP_256QAM	17.04
MIMO NR n48	30	40	638000	1@1	CP_256QAM	17.59
MIMO NR n48	30	40	638000	1@104	CP_256QAM	17.79
MIMO NR n48	30	40	638000	1@0	CP_256QAM	17.50
MIMO NR n48	30	40	638000	1@105	CP_256QAM	17.76
MIMO NR n48	30	40	641666	106@0	CP_QPSK	20.82
MIMO NR n48	30	40	641666	53@26	CP_QPSK	22.56
MIMO NR n48	30	40	641666	1@1	CP_QPSK	22.31
MIMO NR n48	30	40	641666	1@104	CP_QPSK	22.16
MIMO NR n48	30	40	641666	1@0	CP_QPSK	20.86
MIMO NR n48	30	40	641666	1@105	CP_QPSK	20.68
MIMO NR n48	30	40	641666	106@0	CP_16QAM	20.89
MIMO NR n48	30	40	641666	53@26	CP_16QAM	21.99
MIMO NR n48	30	40	641666	1@1	CP_16QAM	21.79
MIMO NR n48	30	40	641666	1@104	CP_16QAM	21.49
MIMO NR n48	30	40	641666	1@0	CP_16QAM	20.72
MIMO NR n48	30	40	641666	1@105	CP_16QAM	20.57
MIMO NR n48	30	40	641666	106@0	CP_64QAM	20.32

MIMO NR n48	30	40	641666	53@26	CP_64QAM	20.49
MIMO NR n48	30	40	641666	1@1	CP_64QAM	20.39
MIMO NR n48	30	40	641666	1@104	CP_64QAM	20.13
MIMO NR n48	30	40	641666	1@0	CP_64QAM	20.39
MIMO NR n48	30	40	641666	1@105	CP_64QAM	20.12
MIMO NR n48	30	40	641666	106@0	CP_256QAM	17.45
MIMO NR n48	30	40	641666	53@26	CP_256QAM	17.54
MIMO NR n48	30	40	641666	1@1	CP_256QAM	17.67
MIMO NR n48	30	40	641666	1@104	CP_256QAM	17.44
MIMO NR n48	30	40	641666	1@0	CP_256QAM	17.64
MIMO NR n48	30	40	641666	1@105	CP_256QAM	17.43
MIMO NR n48	30	40	645332	106@0	CP_QPSK	20.34
MIMO NR n48	30	40	645332	53@26	CP_QPSK	21.66
MIMO NR n48	30	40	645332	1@1	CP_QPSK	22.17
MIMO NR n48	30	40	645332	1@104	CP_QPSK	22.33
MIMO NR n48	30	40	645332	1@0	CP_QPSK	20.71
MIMO NR n48	30	40	645332	1@105	CP_QPSK	20.95
MIMO NR n48	30	40	645332	106@0	CP_16QAM	20.32
MIMO NR n48	30	40	645332	53@26	CP_16QAM	21.18
MIMO NR n48	30	40	645332	1@1	CP_16QAM	21.69
MIMO NR n48	30	40	645332	1@104	CP_16QAM	21.82
MIMO NR n48	30	40	645332	1@0	CP_16QAM	20.64
MIMO NR n48	30	40	645332	1@105	CP_16QAM	20.81
MIMO NR n48	30	40	645332	106@0	CP_64QAM	19.80
MIMO NR n48	30	40	645332	53@26	CP_64QAM	19.64
MIMO NR n48	30	40	645332	1@1	CP_64QAM	20.14
MIMO NR n48	30	40	645332	1@104	CP_64QAM	20.35
MIMO NR n48	30	40	645332	1@0	CP_64QAM	20.23
MIMO NR n48	30	40	645332	1@105	CP_64QAM	20.39
MIMO NR n48	30	40	645332	106@0	CP_256QAM	16.86
MIMO NR n48	30	40	645332	53@26	CP_256QAM	16.68
MIMO NR n48	30	40	645332	1@1	CP_256QAM	17.45
MIMO NR n48	30	40	645332	1@104	CP_256QAM	17.67
MIMO NR n48	30	40	645332	1@0	CP_256QAM	17.47
MIMO NR n48	30	40	645332	1@105	CP_256QAM	17.66
MIMO NR n48	30	50	638334	133@0	CP_QPSK	20.67
MIMO NR n48	30	50	638334	67@33	CP_QPSK	22.14
MIMO NR n48	30	50	638334	1@1	CP_QPSK	22.16
MIMO NR n48	30	50	638334	1@131	CP_QPSK	22.20
MIMO NR n48	30	50	638334	1@0	CP_QPSK	20.72
MIMO NR n48	30	50	638334	1@132	CP_QPSK	20.80
MIMO NR n48	30	50	638334	133@0	CP_16QAM	20.65
MIMO NR n48	30	50	638334	67@33	CP_16QAM	21.59

MIMO NR n48	30	50	638334	1@1	CP_16QAM	21.58
MIMO NR n48	30	50	638334	1@131	CP_16QAM	21.62
MIMO NR n48	30	50	638334	1@0	CP_16QAM	20.65
MIMO NR n48	30	50	638334	1@132	CP_16QAM	20.69
MIMO NR n48	30	50	638334	133@0	CP_64QAM	20.16
MIMO NR n48	30	50	638334	67@33	CP_64QAM	20.03
MIMO NR n48	30	50	638334	1@1	CP_64QAM	20.26
MIMO NR n48	30	50	638334	1@131	CP_64QAM	20.28
MIMO NR n48	30	50	638334	1@0	CP_64QAM	20.23
MIMO NR n48	30	50	638334	1@132	CP_64QAM	20.30
MIMO NR n48	30	50	638334	133@0	CP_256QAM	17.20
MIMO NR n48	30	50	638334	67@33	CP_256QAM	17.11
MIMO NR n48	30	50	638334	1@1	CP_256QAM	17.57
MIMO NR n48	30	50	638334	1@131	CP_256QAM	17.57
MIMO NR n48	30	50	638334	1@0	CP_256QAM	17.57
MIMO NR n48	30	50	638334	1@132	CP_256QAM	17.57
MIMO NR n48	30	50	641666	133@0	CP_QPSK	20.85
MIMO NR n48	30	50	641666	67@33	CP_QPSK	22.53
MIMO NR n48	30	50	641666	1@1	CP_QPSK	22.44
MIMO NR n48	30	50	641666	1@131	CP_QPSK	22.03
MIMO NR n48	30	50	641666	1@0	CP_QPSK	21.00
MIMO NR n48	30	50	641666	1@132	CP_QPSK	20.52
MIMO NR n48	30	50	641666	133@0	CP_16QAM	20.86
MIMO NR n48	30	50	641666	67@33	CP_16QAM	22.00
MIMO NR n48	30	50	641666	1@1	CP_16QAM	21.79
MIMO NR n48	30	50	641666	1@131	CP_16QAM	21.32
MIMO NR n48	30	50	641666	1@0	CP_16QAM	20.84
MIMO NR n48	30	50	641666	1@132	CP_16QAM	20.42
MIMO NR n48	30	50	641666	133@0	CP_64QAM	20.34
MIMO NR n48	30	50	641666	67@33	CP_64QAM	20.53
MIMO NR n48	30	50	641666	1@1	CP_64QAM	20.46
MIMO NR n48	30	50	641666	1@131	CP_64QAM	20.02
MIMO NR n48	30	50	641666	1@0	CP_64QAM	20.46
MIMO NR n48	30	50	641666	1@132	CP_64QAM	20.05
MIMO NR n48	30	50	641666	133@0	CP_256QAM	17.41
MIMO NR n48	30	50	641666	67@33	CP_256QAM	17.55
MIMO NR n48	30	50	641666	1@1	CP_256QAM	17.80
MIMO NR n48	30	50	641666	1@131	CP_256QAM	17.29
MIMO NR n48	30	50	641666	1@0	CP_256QAM	17.76
MIMO NR n48	30	50	641666	1@132	CP_256QAM	17.35
MIMO NR n48	30	50	645000	133@0	CP_QPSK	20.39
MIMO NR n48	30	50	645000	67@33	CP_QPSK	21.92
MIMO NR n48	30	50	645000	1@1	CP_QPSK	21.71

MIMO NR n48	30	50	645000	1@131	CP_QPSK	22.29
MIMO NR n48	30	50	645000	1@0	CP_QPSK	20.23
MIMO NR n48	30	50	645000	1@132	CP_QPSK	20.89
MIMO NR n48	30	50	645000	133@0	CP_16QAM	20.43
MIMO NR n48	30	50	645000	67@33	CP_16QAM	21.35
MIMO NR n48	30	50	645000	1@1	CP_16QAM	21.30
MIMO NR n48	30	50	645000	1@131	CP_16QAM	21.72
MIMO NR n48	30	50	645000	1@0	CP_16QAM	20.17
MIMO NR n48	30	50	645000	1@132	CP_16QAM	20.77
MIMO NR n48	30	50	645000	133@0	CP_64QAM	19.94
MIMO NR n48	30	50	645000	67@33	CP_64QAM	19.85
MIMO NR n48	30	50	645000	1@1	CP_64QAM	19.75
MIMO NR n48	30	50	645000	1@131	CP_64QAM	20.38
MIMO NR n48	30	50	645000	1@0	CP_64QAM	19.76
MIMO NR n48	30	50	645000	1@132	CP_64QAM	20.38
MIMO NR n48	30	50	645000	133@0	CP_256QAM	16.95
MIMO NR n48	30	50	645000	67@33	CP_256QAM	16.89
MIMO NR n48	30	50	645000	1@1	CP_256QAM	17.05
MIMO NR n48	30	50	645000	1@131	CP_256QAM	17.69
MIMO NR n48	30	50	645000	1@0	CP_256QAM	17.05
MIMO NR n48	30	50	645000	1@132	CP_256QAM	17.73
MIMO NR n48	30	60	638668	162@0	CP_QPSK	20.72
MIMO NR n48	30	60	638668	81@40	CP_QPSK	22.25
MIMO NR n48	30	60	638668	1@1	CP_QPSK	22.17
MIMO NR n48	30	60	638668	1@160	CP_QPSK	22.04
MIMO NR n48	30	60	638668	1@0	CP_QPSK	20.77
MIMO NR n48	30	60	638668	1@161	CP_QPSK	20.60
MIMO NR n48	30	60	638668	162@0	CP_16QAM	20.72
MIMO NR n48	30	60	638668	81@40	CP_16QAM	21.75
MIMO NR n48	30	60	638668	1@1	CP_16QAM	21.67
MIMO NR n48	30	60	638668	1@160	CP_16QAM	21.49
MIMO NR n48	30	60	638668	1@0	CP_16QAM	20.63
MIMO NR n48	30	60	638668	1@161	CP_16QAM	20.43
MIMO NR n48	30	60	638668	162@0	CP_64QAM	20.25
MIMO NR n48	30	60	638668	81@40	CP_64QAM	20.22
MIMO NR n48	30	60	638668	1@1	CP_64QAM	20.34
MIMO NR n48	30	60	638668	1@160	CP_64QAM	20.12
MIMO NR n48	30	60	638668	1@0	CP_64QAM	20.26
MIMO NR n48	30	60	638668	1@161	CP_64QAM	20.05
MIMO NR n48	30	60	638668	162@0	CP_256QAM	17.26
MIMO NR n48	30	60	638668	81@40	CP_256QAM	17.30
MIMO NR n48	30	60	638668	1@1	CP_256QAM	17.57
MIMO NR n48	30	60	638668	1@160	CP_256QAM	17.32

MIMO NR n48	30	60	638668	1@0	CP_256QAM	17.53
MIMO NR n48	30	60	638668	1@161	CP_256QAM	17.32
MIMO NR n48	30	60	641666	162@0	CP_QPSK	20.80
MIMO NR n48	30	60	641666	81@40	CP_QPSK	22.51
MIMO NR n48	30	60	641666	1@1	CP_QPSK	22.36
MIMO NR n48	30	60	641666	1@160	CP_QPSK	21.92
MIMO NR n48	30	60	641666	1@0	CP_QPSK	20.87
MIMO NR n48	30	60	641666	1@161	CP_QPSK	20.45
MIMO NR n48	30	60	641666	162@0	CP_16QAM	20.84
MIMO NR n48	30	60	641666	81@40	CP_16QAM	21.97
MIMO NR n48	30	60	641666	1@1	CP_16QAM	22.12
MIMO NR n48	30	60	641666	1@160	CP_16QAM	21.70
MIMO NR n48	30	60	641666	1@0	CP_16QAM	20.76
MIMO NR n48	30	60	641666	1@161	CP_16QAM	20.38
MIMO NR n48	30	60	641666	162@0	CP_64QAM	20.25
MIMO NR n48	30	60	641666	81@40	CP_64QAM	20.42
MIMO NR n48	30	60	641666	1@1	CP_64QAM	20.62
MIMO NR n48	30	60	641666	1@160	CP_64QAM	20.18
MIMO NR n48	30	60	641666	1@0	CP_64QAM	20.57
MIMO NR n48	30	60	641666	1@161	CP_64QAM	20.18
MIMO NR n48	30	60	641666	162@0	CP_256QAM	17.35
MIMO NR n48	30	60	641666	81@40	CP_256QAM	17.55
MIMO NR n48	30	60	641666	1@1	CP_256QAM	17.75
MIMO NR n48	30	60	641666	1@160	CP_256QAM	17.30
MIMO NR n48	30	60	641666	1@0	CP_256QAM	17.69
MIMO NR n48	30	60	641666	1@161	CP_256QAM	17.30
MIMO NR n48	30	60	644666	162@0	CP_QPSK	20.65
MIMO NR n48	30	60	644666	81@40	CP_QPSK	22.31
MIMO NR n48	30	60	644666	1@1	CP_QPSK	21.92
MIMO NR n48	30	60	644666	1@160	CP_QPSK	22.44
MIMO NR n48	30	60	644666	1@0	CP_QPSK	20.43
MIMO NR n48	30	60	644666	1@161	CP_QPSK	21.01
MIMO NR n48	30	60	644666	162@0	CP_16QAM	20.64
MIMO NR n48	30	60	644666	81@40	CP_16QAM	21.77
MIMO NR n48	30	60	644666	1@1	CP_16QAM	21.42
MIMO NR n48	30	60	644666	1@160	CP_16QAM	21.87
MIMO NR n48	30	60	644666	1@0	CP_16QAM	20.44
MIMO NR n48	30	60	644666	1@161	CP_16QAM	20.92
MIMO NR n48	30	60	644666	162@0	CP_64QAM	20.10
MIMO NR n48	30	60	644666	81@40	CP_64QAM	20.27
MIMO NR n48	30	60	644666	1@1	CP_64QAM	20.07
MIMO NR n48	30	60	644666	1@160	CP_64QAM	20.53
MIMO NR n48	30	60	644666	1@0	CP_64QAM	20.09

MIMO NR n48	30	60	644666	1@161	CP_64QAM	20.63
MIMO NR n48	30	60	644666	162@0	CP_256QAM	17.21
MIMO NR n48	30	60	644666	81@40	CP_256QAM	17.32
MIMO NR n48	30	60	644666	1@1	CP_256QAM	17.52
MIMO NR n48	30	60	644666	1@160	CP_256QAM	17.87
MIMO NR n48	30	60	644666	1@0	CP_256QAM	17.32
MIMO NR n48	30	60	644666	1@161	CP_256QAM	17.89
MIMO NR n48	30	80	639334	217@0	CP_QPSK	20.79
MIMO NR n48	30	80	639334	109@54	CP_QPSK	22.28
MIMO NR n48	30	80	639334	1@1	CP_QPSK	22.20
MIMO NR n48	30	80	639334	1@215	CP_QPSK	22.42
MIMO NR n48	30	80	639334	1@0	CP_QPSK	20.79
MIMO NR n48	30	80	639334	1@216	CP_QPSK	20.93
MIMO NR n48	30	80	639334	217@0	CP_16QAM	20.74
MIMO NR n48	30	80	639334	109@54	CP_16QAM	21.80
MIMO NR n48	30	80	639334	1@1	CP_16QAM	21.67
MIMO NR n48	30	80	639334	1@215	CP_16QAM	21.89
MIMO NR n48	30	80	639334	1@0	CP_16QAM	20.66
MIMO NR n48	30	80	639334	1@216	CP_16QAM	20.85
MIMO NR n48	30	80	639334	217@0	CP_64QAM	20.28
MIMO NR n48	30	80	639334	109@54	CP_64QAM	20.28
MIMO NR n48	30	80	639334	1@1	CP_64QAM	20.26
MIMO NR n48	30	80	639334	1@215	CP_64QAM	20.46
MIMO NR n48	30	80	639334	1@0	CP_64QAM	20.27
MIMO NR n48	30	80	639334	1@216	CP_64QAM	20.49
MIMO NR n48	30	80	639334	217@0	CP_256QAM	17.39
MIMO NR n48	30	80	639334	109@54	CP_256QAM	17.35
MIMO NR n48	30	80	639334	1@1	CP_256QAM	17.64
MIMO NR n48	30	80	639334	1@215	CP_256QAM	17.79
MIMO NR n48	30	80	639334	1@0	CP_256QAM	17.59
MIMO NR n48	30	80	639334	1@216	CP_256QAM	17.79
MIMO NR n48	30	80	641666	217@0	CP_QPSK	20.89
MIMO NR n48	30	80	641666	109@54	CP_QPSK	22.47
MIMO NR n48	30	80	641666	1@1	CP_QPSK	22.38
MIMO NR n48	30	80	641666	1@215	CP_QPSK	22.35
MIMO NR n48	30	80	641666	1@0	CP_QPSK	20.90
MIMO NR n48	30	80	641666	1@216	CP_QPSK	20.88
MIMO NR n48	30	80	641666	217@0	CP_16QAM	20.86
MIMO NR n48	30	80	641666	109@54	CP_16QAM	21.94
MIMO NR n48	30	80	641666	1@1	CP_16QAM	21.85
MIMO NR n48	30	80	641666	1@215	CP_16QAM	21.76
MIMO NR n48	30	80	641666	1@0	CP_16QAM	20.86
MIMO NR n48	30	80	641666	1@216	CP_16QAM	20.83

MIMO NR n48	30	80	641666	217@0	CP_64QAM	20.37
MIMO NR n48	30	80	641666	109@54	CP_64QAM	20.43
MIMO NR n48	30	80	641666	1@1	CP_64QAM	20.44
MIMO NR n48	30	80	641666	1@215	CP_64QAM	20.32
MIMO NR n48	30	80	641666	1@0	CP_64QAM	20.36
MIMO NR n48	30	80	641666	1@216	CP_64QAM	20.38
MIMO NR n48	30	80	641666	217@0	CP_256QAM	17.45
MIMO NR n48	30	80	641666	109@54	CP_256QAM	17.50
MIMO NR n48	30	80	641666	1@1	CP_256QAM	17.75
MIMO NR n48	30	80	641666	1@215	CP_256QAM	17.70
MIMO NR n48	30	80	641666	1@0	CP_256QAM	17.71
MIMO NR n48	30	80	641666	1@216	CP_256QAM	17.66
MIMO NR n48	30	80	644000	217@0	CP_QPSK	20.79
MIMO NR n48	30	80	644000	109@54	CP_QPSK	22.25
MIMO NR n48	30	80	644000	1@1	CP_QPSK	22.51
MIMO NR n48	30	80	644000	1@215	CP_QPSK	22.47
MIMO NR n48	30	80	644000	1@0	CP_QPSK	21.05
MIMO NR n48	30	80	644000	1@216	CP_QPSK	21.08
MIMO NR n48	30	80	644000	217@0	CP_16QAM	20.81
MIMO NR n48	30	80	644000	109@54	CP_16QAM	21.78
MIMO NR n48	30	80	644000	1@1	CP_16QAM	21.95
MIMO NR n48	30	80	644000	1@215	CP_16QAM	21.97
MIMO NR n48	30	80	644000	1@0	CP_16QAM	21.02
MIMO NR n48	30	80	644000	1@216	CP_16QAM	21.16
MIMO NR n48	30	80	644000	217@0	CP_64QAM	20.30
MIMO NR n48	30	80	644000	109@54	CP_64QAM	20.28
MIMO NR n48	30	80	644000	1@1	CP_64QAM	20.52
MIMO NR n48	30	80	644000	1@215	CP_64QAM	20.52
MIMO NR n48	30	80	644000	1@0	CP_64QAM	20.52
MIMO NR n48	30	80	644000	1@216	CP_64QAM	20.54
MIMO NR n48	30	80	644000	217@0	CP_256QAM	17.37
MIMO NR n48	30	80	644000	109@54	CP_256QAM	17.37
MIMO NR n48	30	80	644000	1@1	CP_256QAM	17.82
MIMO NR n48	30	80	644000	1@215	CP_256QAM	17.89
MIMO NR n48	30	80	644000	1@0	CP_256QAM	17.80
MIMO NR n48	30	80	644000	1@216	CP_256QAM	17.95
MIMO NR n48	30	90	639668	245@0	CP_QPSK	20.66
MIMO NR n48	30	90	639668	123@61	CP_QPSK	22.09
MIMO NR n48	30	90	639668	1@1	CP_QPSK	22.13
MIMO NR n48	30	90	639668	1@243	CP_QPSK	22.00
MIMO NR n48	30	90	639668	1@0	CP_QPSK	20.77
MIMO NR n48	30	90	639668	1@244	CP_QPSK	20.49
MIMO NR n48	30	90	639668	245@0	CP_16QAM	20.65

MIMO NR n48	30	90	639668	123@61	CP_16QAM	21.65
MIMO NR n48	30	90	639668	1@1	CP_16QAM	21.69
MIMO NR n48	30	90	639668	1@243	CP_16QAM	21.44
MIMO NR n48	30	90	639668	1@0	CP_16QAM	20.79
MIMO NR n48	30	90	639668	1@244	CP_16QAM	20.54
MIMO NR n48	30	90	639668	245@0	CP_64QAM	20.14
MIMO NR n48	30	90	639668	123@61	CP_64QAM	20.14
MIMO NR n48	30	90	639668	1@1	CP_64QAM	20.23
MIMO NR n48	30	90	639668	1@243	CP_64QAM	20.02
MIMO NR n48	30	90	639668	1@0	CP_64QAM	20.20
MIMO NR n48	30	90	639668	1@244	CP_64QAM	19.98
MIMO NR n48	30	90	639668	245@0	CP_256QAM	17.23
MIMO NR n48	30	90	639668	123@61	CP_256QAM	17.18
MIMO NR n48	30	90	639668	1@1	CP_256QAM	17.64
MIMO NR n48	30	90	639668	1@243	CP_256QAM	17.29
MIMO NR n48	30	90	639668	1@0	CP_256QAM	17.57
MIMO NR n48	30	90	639668	1@244	CP_256QAM	17.36
MIMO NR n48	30	90	641666	245@0	CP_QPSK	20.83
MIMO NR n48	30	90	641666	123@61	CP_QPSK	22.40
MIMO NR n48	30	90	641666	1@1	CP_QPSK	22.24
MIMO NR n48	30	90	641666	1@243	CP_QPSK	22.34
MIMO NR n48	30	90	641666	1@0	CP_QPSK	20.69
MIMO NR n48	30	90	641666	1@244	CP_QPSK	20.82
MIMO NR n48	30	90	641666	245@0	CP_16QAM	20.88
MIMO NR n48	30	90	641666	123@61	CP_16QAM	21.96
MIMO NR n48	30	90	641666	1@1	CP_16QAM	21.77
MIMO NR n48	30	90	641666	1@243	CP_16QAM	21.76
MIMO NR n48	30	90	641666	1@0	CP_16QAM	20.65
MIMO NR n48	30	90	641666	1@244	CP_16QAM	20.74
MIMO NR n48	30	90	641666	245@0	CP_64QAM	20.34
MIMO NR n48	30	90	641666	123@61	CP_64QAM	20.46
MIMO NR n48	30	90	641666	1@1	CP_64QAM	20.28
MIMO NR n48	30	90	641666	1@243	CP_64QAM	20.37
MIMO NR n48	30	90	641666	1@0	CP_64QAM	20.19
MIMO NR n48	30	90	641666	1@244	CP_64QAM	20.32
MIMO NR n48	30	90	641666	245@0	CP_256QAM	17.42
MIMO NR n48	30	90	641666	123@61	CP_256QAM	17.42
MIMO NR n48	30	90	641666	1@1	CP_256QAM	17.64
MIMO NR n48	30	90	641666	1@243	CP_256QAM	17.68
MIMO NR n48	30	90	641666	1@0	CP_256QAM	17.62
MIMO NR n48	30	90	641666	1@244	CP_256QAM	17.68
MIMO NR n48	30	90	643666	245@0	CP_QPSK	20.85
MIMO NR n48	30	90	643666	123@61	CP_QPSK	22.39

MIMO NR n48	30	90	643666	1@1	CP_QPSK	22.27
MIMO NR n48	30	90	643666	1@243	CP_QPSK	22.54
MIMO NR n48	30	90	643666	1@0	CP_QPSK	20.72
MIMO NR n48	30	90	643666	1@244	CP_QPSK	21.08
MIMO NR n48	30	90	643666	245@0	CP_16QAM	20.87
MIMO NR n48	30	90	643666	123@61	CP_16QAM	21.93
MIMO NR n48	30	90	643666	1@1	CP_16QAM	21.68
MIMO NR n48	30	90	643666	1@243	CP_16QAM	21.92
MIMO NR n48	30	90	643666	1@0	CP_16QAM	20.61
MIMO NR n48	30	90	643666	1@244	CP_16QAM	20.90
MIMO NR n48	30	90	643666	245@0	CP_64QAM	20.35
MIMO NR n48	30	90	643666	123@61	CP_64QAM	20.45
MIMO NR n48	30	90	643666	1@1	CP_64QAM	20.19
MIMO NR n48	30	90	643666	1@243	CP_64QAM	20.50
MIMO NR n48	30	90	643666	1@0	CP_64QAM	20.23
MIMO NR n48	30	90	643666	1@244	CP_64QAM	20.50
MIMO NR n48	30	90	643666	245@0	CP_256QAM	17.39
MIMO NR n48	30	90	643666	123@61	CP_256QAM	17.48
MIMO NR n48	30	90	643666	1@1	CP_256QAM	17.61
MIMO NR n48	30	90	643666	1@243	CP_256QAM	17.89
MIMO NR n48	30	90	643666	1@0	CP_256QAM	17.59
MIMO NR n48	30	90	643666	1@244	CP_256QAM	17.89
MIMO NR n48	30	100	640000	273@0	CP_QPSK	20.71
MIMO NR n48	30	100	640000	137@68	CP_QPSK	22.23
MIMO NR n48	30	100	640000	1@1	CP_QPSK	22.18
MIMO NR n48	30	100	640000	1@271	CP_QPSK	21.73
MIMO NR n48	30	100	640000	1@0	CP_QPSK	20.72
MIMO NR n48	30	100	640000	1@272	CP_QPSK	20.26
MIMO NR n48	30	100	640000	273@0	CP_16QAM	20.68
MIMO NR n48	30	100	640000	137@68	CP_16QAM	21.79
MIMO NR n48	30	100	640000	1@1	CP_16QAM	21.57
MIMO NR n48	30	100	640000	1@271	CP_16QAM	21.08
MIMO NR n48	30	100	640000	1@0	CP_16QAM	20.68
MIMO NR n48	30	100	640000	1@272	CP_16QAM	20.17
MIMO NR n48	30	100	640000	273@0	CP_64QAM	20.23
MIMO NR n48	30	100	640000	137@68	CP_64QAM	20.25
MIMO NR n48	30	100	640000	1@1	CP_64QAM	20.22
MIMO NR n48	30	100	640000	1@271	CP_64QAM	19.70
MIMO NR n48	30	100	640000	1@0	CP_64QAM	20.20
MIMO NR n48	30	100	640000	1@272	CP_64QAM	19.75
MIMO NR n48	30	100	640000	273@0	CP_256QAM	17.28
MIMO NR n48	30	100	640000	137@68	CP_256QAM	17.32
MIMO NR n48	30	100	640000	1@1	CP_256QAM	17.64

MIMO NR n48	30	100	640000	1@271	CP_256QAM	17.09
MIMO NR n48	30	100	640000	1@0	CP_256QAM	17.57
MIMO NR n48	30	100	640000	1@272	CP_256QAM	17.09
MIMO NR n48	30	100	641666	273@0	CP_QPSK	20.82
MIMO NR n48	30	100	641666	137@68	CP_QPSK	22.37
MIMO NR n48	30	100	641666	1@1	CP_QPSK	22.04
MIMO NR n48	30	100	641666	1@271	CP_QPSK	21.99
MIMO NR n48	30	100	641666	1@0	CP_QPSK	20.64
MIMO NR n48	30	100	641666	1@272	CP_QPSK	20.49
MIMO NR n48	30	100	641666	273@0	CP_16QAM	20.81
MIMO NR n48	30	100	641666	137@68	CP_16QAM	21.91
MIMO NR n48	30	100	641666	1@1	CP_16QAM	21.67
MIMO NR n48	30	100	641666	1@271	CP_16QAM	21.61
MIMO NR n48	30	100	641666	1@0	CP_16QAM	20.48
MIMO NR n48	30	100	641666	1@272	CP_16QAM	20.45
MIMO NR n48	30	100	641666	273@0	CP_64QAM	20.29
MIMO NR n48	30	100	641666	137@68	CP_64QAM	20.36
MIMO NR n48	30	100	641666	1@1	CP_64QAM	20.07
MIMO NR n48	30	100	641666	1@271	CP_64QAM	20.01
MIMO NR n48	30	100	641666	1@0	CP_64QAM	20.03
MIMO NR n48	30	100	641666	1@272	CP_64QAM	20.02
MIMO NR n48	30	100	641666	273@0	CP_256QAM	17.38
MIMO NR n48	30	100	641666	137@68	CP_256QAM	17.44
MIMO NR n48	30	100	641666	1@1	CP_256QAM	17.39
MIMO NR n48	30	100	641666	1@271	CP_256QAM	17.38
MIMO NR n48	30	100	641666	1@0	CP_256QAM	17.39
MIMO NR n48	30	100	641666	1@272	CP_256QAM	17.38
MIMO NR n48	30	100	643332	273@0	CP_QPSK	20.73
MIMO NR n48	30	100	643332	137@68	CP_QPSK	22.38
MIMO NR n48	30	100	643332	1@1	CP_QPSK	22.17
MIMO NR n48	30	100	643332	1@271	CP_QPSK	22.36
MIMO NR n48	30	100	643332	1@0	CP_QPSK	20.67
MIMO NR n48	30	100	643332	1@272	CP_QPSK	20.87
MIMO NR n48	30	100	643332	273@0	CP_16QAM	20.80
MIMO NR n48	30	100	643332	137@68	CP_16QAM	21.85
MIMO NR n48	30	100	643332	1@1	CP_16QAM	21.64
MIMO NR n48	30	100	643332	1@271	CP_16QAM	21.85
MIMO NR n48	30	100	643332	1@0	CP_16QAM	20.72
MIMO NR n48	30	100	643332	1@272	CP_16QAM	20.90
MIMO NR n48	30	100	643332	273@0	CP_64QAM	20.27
MIMO NR n48	30	100	643332	137@68	CP_64QAM	20.38
MIMO NR n48	30	100	643332	1@1	CP_64QAM	20.45
MIMO NR n48	30	100	643332	1@271	CP_64QAM	20.60

MIMO NR n48	30	100	643332	1@0	CP_64QAM	20.48
MIMO NR n48	30	100	643332	1@272	CP_64QAM	20.55
MIMO NR n48	30	100	643332	273@0	CP_256QAM	17.36
MIMO NR n48	30	100	643332	137@68	CP_256QAM	17.45
MIMO NR n48	30	100	643332	1@1	CP_256QAM	17.63
MIMO NR n48	30	100	643332	1@271	CP_256QAM	17.82
MIMO NR n48	30	100	643332	1@0	CP_256QAM	17.66
MIMO NR n48	30	100	643332	1@272	CP_256QAM	17.85

6.2. Maximum Effective Isotropic Radiated Power and Maximum Power Spectral Density

The measurement is performed for both of horizontal and vertical antenna Polarization, and only the data of worst mode is recorded in this report.

Maximum Effective Isotropic Radiated Power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted Power (dBm/10MHz)	EIRP (dBm/10MHz)	EIRP Limit (dBm/10MHZ)
LTE Band48	5	55265	25	#0	QPSK	23.64	43.06	47
LTE Band48	5	55265	25	#0	16QAM	22.71	42.13	47
LTE Band48	5	55265	25	#0	64QAM	21.74	41.16	47
LTE Band48	5	55990	25	#0	QPSK	23.61	43.03	47
LTE Band48	5	55990	25	#0	16QAM	22.64	42.06	47
LTE Band48	5	55990	25	#0	64QAM	21.67	41.09	47
LTE Band48	5	56715	25	#0	QPSK	23.27	42.69	47
LTE Band48	5	56715	25	#0	16QAM	22.36	41.78	47
LTE Band48	5	56715	25	#0	64QAM	21.36	40.78	47
LTE Band48	10	55290	50	#0	QPSK	23.64	43.06	47
LTE Band48	10	55290	50	#0	16QAM	22.69	42.11	47
LTE Band48	10	55290	50	#0	64QAM	21.66	41.08	47
LTE Band48	10	55990	50	#0	QPSK	23.65	43.07	47
LTE Band48	10	55990	50	#0	16QAM	22.69	42.11	47
LTE Band48	10	55990	50	#0	64QAM	21.66	41.08	47
LTE Band48	10	56690	50	#0	QPSK	23.40	42.82	47
LTE Band48	10	56690	50	#0	16QAM	22.43	41.85	47
LTE Band48	10	56690	50	#0	64QAM	21.35	40.77	47
LTE Band48	15	55315	75	#0	QPSK	22.39	41.81	47
LTE Band48	15	55315	75	#0	16QAM	21.41	40.83	47
LTE Band48	15	55315	75	#0	64QAM	20.39	39.81	47
LTE Band48	15	55990	75	#0	QPSK	22.38	41.80	47
LTE Band48	15	55990	75	#0	16QAM	21.36	40.78	47
LTE Band48	15	55990	75	#0	64QAM	20.36	39.78	47
LTE Band48	15	56665	75	#0	QPSK	22.13	41.55	47
LTE Band48	15	56665	75	#0	16QAM	21.14	40.56	47
LTE Band48	15	56665	75	#0	64QAM	20.15	39.57	47
LTE Band48	20	55340	100	#0	QPSK	21.18	40.60	47
LTE Band48	20	55340	100	#0	16QAM	20.19	39.61	47
LTE Band48	20	55340	100	#0	64QAM	19.16	38.58	47
LTE Band48	20	55990	100	#0	QPSK	21.15	40.57	47
LTE Band48	20	55990	100	#0	16QAM	20.13	39.55	47
LTE Band48	20	55990	100	#0	64QAM	19.12	38.54	47
LTE Band48	20	56640	100	#0	QPSK	20.90	40.32	47

LTE Band48	20	56640	100	#0	16QAM	19.89	39.31	47
LTE Band48	20	56640	100	#0	64QAM	18.87	38.29	47
LTE Band48	5	55265	25	#0	256QAM	19.69	39.11	47
LTE Band48	5	55990	25	#0	256QAM	19.62	39.04	47
LTE Band48	5	56715	25	#0	256QAM	19.32	38.74	47
LTE Band48	10	55290	50	#0	256QAM	19.70	39.12	47
LTE Band48	10	55990	50	#0	256QAM	19.73	39.15	47
LTE Band48	10	56690	50	#0	256QAM	19.48	38.90	47
LTE Band48	15	55315	75	#0	256QAM	18.37	37.79	47
LTE Band48	15	55990	75	#0	256QAM	18.40	37.82	47
LTE Band48	15	56665	75	#0	256QAM	18.18	37.60	47
LTE Band48	20	55340	100	#0	256QAM	17.13	36.55	47
LTE Band48	20	55990	100	#0	256QAM	17.10	36.52	47
LTE Band48	20	56640	100	#0	256QAM	16.88	36.30	47

CA_48B	PCC	PCC	SCC	SCC	PCC RB		SCC1 RB		Conducted Power (dBm)				Conducted Power (dBm/10MHZ)				EIRP (dBm/10MHZ)				EIRP Limit
	Frequency (MHz)	channel	Frequency (MHz)	channel	Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	(dBm/10MHZ)
10MHz+ 10MHz	3555	55290	3564.9	55389	50	0	50	0	23.40	22.89	20.46	18.56	20.80	20.29	17.86	15.96	40.22	39.71	37.28	35.38	47
	3630.1	56041	3640	56140	50	0	50	0	23.32	23.01	20.59	18.49	20.72	20.41	17.99	15.89	40.14	39.83	37.41	35.31	47
	3685.1	56591	3695	56690	50	0	50	0	23.48	22.94	20.71	18.68	20.88	20.34	18.11	16.08	40.30	39.76	37.53	35.50	47
CA_48C	PCC	PCC	SCC	SCC	PCC RB		SCC1 RB		Conducted Power (dBm)				Conducted Power (dBm/10MHZ)				EIRP (dBm/10MHZ)				EIRP Limit
	Frequency (MHz)	channel	Frequency (MHz)	channel	Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	(dBm/10MHZ)
5MHz+ 20MHz	55273	3553.3	55390	3565	25	0	100	0	23.88	23.24	21.07	19.04	20.88	20.24	18.07	16.04	40.30	39.66	37.49	35.46	47
	55898	3615.8	56015	3627.5	25	0	100	0	23.37	22.81	20.63	18.82	20.37	19.81	17.63	15.82	39.79	39.23	37.05	35.24	47
	56523	3678.3	56640	3690	25	0	100	0	23.76	23.16	20.96	19.11	20.76	20.16	17.96	16.11	40.18	39.58	37.38	35.53	47
10MHz+ 20MHz	55295	3555.5	55439	3569.9	50	0	100	0	23.97	23.51	21.25	19.37	20.47	20.01	17.75	15.87	39.89	39.43	37.17	35.29	47
	55896	3615.6	56040	3630	50	0	100	0	23.89	22.99	20.92	18.66	20.39	19.49	17.42	15.16	39.81	38.91	36.84	34.58	47
	56496	3675.6	56640	3690	50	0	100	0	24.02	23.32	21.36	18.91	20.52	19.82	17.86	15.41	39.94	39.24	37.28	34.83	47
15MHz+ 20MHz	55318	3557.8	55489	3574.9	75	0	100	0	24.22	23.94	21.45	19.67	19.72	19.44	16.95	15.17	39.14	38.86	36.37	34.59	47
	55893	3615.3	56064	3632.4	75	0	100	0	23.71	23.17	21.13	19.2	19.21	18.67	16.63	14.7	38.63	38.09	36.05	34.12	47
	56469	3672.9	56640	3690	75	0	100	0	24.10	23.72	21.47	19.24	19.6	19.22	16.97	14.74	39.02	38.64	36.39	34.16	47
20MHz+ 5MHz	55340	3560	55457	3571.7	100	0	25	0	23.61	23.19	20.94	19.09	20.61	20.19	17.94	16.09	40.03	39.61	37.36	35.51	47
	55965	3622.5	56082	3634.2	100	0	25	0	23.49	22.97	20.75	18.78	20.49	19.97	17.75	15.78	39.91	39.39	37.17	35.20	47
	56590	3685	56707	3696.7	100	0	25	0	23.80	23.26	21.08	19.06	20.8	20.26	18.08	16.06	40.22	39.68	37.50	35.48	47
20MHz+ 10MHz	55340	3560	55484	3574.4	100	0	50	0	24.13	23.56	21.31	19.39	20.63	20.06	17.81	15.89	40.05	39.48	37.23	35.31	47
	55941	3620.1	56085	3634.5	100	0	50	0	23.81	23.26	20.89	19.26	20.31	19.76	17.39	15.76	39.73	39.18	36.81	35.18	47
	56541	3680.1	56685	3694.5	100	0	50	0	24.04	23.63	21.17	19.26	20.54	20.13	17.67	15.76	39.96	39.55	37.09	35.18	47
20MHz+ 15MHz	55340	3560	55511	3577.1	100	0	75	0	24.12	23.61	21.41	19.29	19.62	19.11	16.91	14.79	39.04	38.53	36.33	34.21	47
	55916	3617.6	56087	3634.7	100	0	75	0	24.10	23.49	21.13	19.08	19.6	18.99	16.63	14.58	39.02	38.41	36.05	34.00	47
	56491	3675.1	56662	3692.2	100	0	75	0	23.72	23.31	21.12	19.1	19.22	18.81	16.62	14.6	38.64	38.23	36.04	34.02	47
20MHz+	55340	3560	55538	3579.8	100	0	100	0	23.37	22.92	20.62	18.55	17.67	17.22	14.92	12.85	37.09	36.64	34.34	32.27	47

20MHz	55891	3615.1	56089	3634.9	100	0	100	0	23.45	23.16	20.72	18.68	17.75	17.46	15.02	12.98	37.17	36.88	34.44	32.40	47
	56442	3670.2	56640	3690	100	0	100	0	23.74	23.21	20.84	18.81	18.04	17.51	15.14	13.11	37.46	36.93	34.56	32.53	47

Band	SCS (KHz)	Bandwidth (MHz)	UL Channel	RB Position	Modulation	Power (dBm/10MHZ)	EIRP (dBm/10MHZ)	EIRP Limit (dBm/10MHZ)
SA NR n48	30	10	637000	24@0	DFT_BPSK	22.75	42.17	47
SA NR n48	30	10	637000	24@0	DFT_QPSK	22.27	41.69	47
SA NR n48	30	10	637000	24@0	DFT_16QAM	21.29	40.71	47
SA NR n48	30	10	637000	24@0	DFT_64QAM	20.75	40.17	47
SA NR n48	30	10	637000	24@0	DFT_256QAM	18.84	38.26	47
SA NR n48	30	10	641666	24@0	DFT_BPSK	23.06	42.48	47
SA NR n48	30	10	641666	24@0	DFT_QPSK	22.58	42.00	47
SA NR n48	30	10	641666	24@0	DFT_16QAM	21.67	41.09	47
SA NR n48	30	10	641666	24@0	DFT_64QAM	21.15	40.57	47
SA NR n48	30	10	641666	24@0	DFT_256QAM	19.19	38.61	47
SA NR n48	30	10	646332	24@0	DFT_BPSK	22.59	42.01	47
SA NR n48	30	10	646332	24@0	DFT_QPSK	22.18	41.60	47
SA NR n48	30	10	646332	24@0	DFT_16QAM	21.12	40.54	47
SA NR n48	30	10	646332	24@0	DFT_64QAM	20.64	40.06	47
SA NR n48	30	10	646332	24@0	DFT_256QAM	18.69	38.11	47
SA NR n48	30	15	637168	36@0	DFT_BPSK	21.34	40.76	47
SA NR n48	30	15	637168	36@0	DFT_QPSK	20.86	40.28	47
SA NR n48	30	15	637168	36@0	DFT_16QAM	19.87	39.29	47
SA NR n48	30	15	637168	36@0	DFT_64QAM	19.42	38.84	47
SA NR n48	30	15	637168	36@0	DFT_256QAM	17.45	36.87	47
SA NR n48	30	15	641666	36@0	DFT_BPSK	21.75	41.17	47
SA NR n48	30	15	641666	36@0	DFT_QPSK	21.25	40.67	47
SA NR n48	30	15	641666	36@0	DFT_16QAM	20.27	39.69	47
SA NR n48	30	15	641666	36@0	DFT_64QAM	19.73	39.15	47
SA NR n48	30	15	641666	36@0	DFT_256QAM	17.82	37.24	47
SA NR n48	30	15	646166	36@0	DFT_BPSK	21.01	40.43	47
SA NR n48	30	15	646166	36@0	DFT_QPSK	20.55	39.97	47
SA NR n48	30	15	646166	36@0	DFT_16QAM	19.57	38.99	47
SA NR n48	30	15	646166	36@0	DFT_64QAM	19.06	38.48	47
SA NR n48	30	15	646166	36@0	DFT_256QAM	17.16	36.58	47
SA NR n48	30	20	637334	50@0	DFT_BPSK	20.00	39.42	47
SA NR n48	30	20	637334	50@0	DFT_QPSK	19.54	38.96	47
SA NR n48	30	20	637334	50@0	DFT_16QAM	18.51	37.93	47
SA NR n48	30	20	637334	50@0	DFT_64QAM	17.95	37.37	47
SA NR n48	30	20	637334	50@0	DFT_256QAM	16.11	35.53	47
SA NR n48	30	20	641666	50@0	DFT_BPSK	20.32	39.74	47
SA NR n48	30	20	641666	50@0	DFT_QPSK	19.93	39.35	47
SA NR n48	30	20	641666	50@0	DFT_16QAM	18.89	38.31	47

SA NR n48	30	20	641666	50@0	DFT_64QAM	18.39	37.81	47
SA NR n48	30	20	641666	50@0	DFT_256QAM	16.51	35.93	47
SA NR n48	30	20	646000	50@0	DFT_BPSK	19.60	39.02	47
SA NR n48	30	20	646000	50@0	DFT_QPSK	19.11	38.53	47
SA NR n48	30	20	646000	50@0	DFT_16QAM	18.18	37.60	47
SA NR n48	30	20	646000	50@0	DFT_64QAM	17.63	37.05	47
SA NR n48	30	20	646000	50@0	DFT_256QAM	15.72	35.14	47
SA NR n48	30	30	637668	75@0	DFT_BPSK	19.18	38.60	47
SA NR n48	30	30	637668	75@0	DFT_QPSK	18.65	38.07	47
SA NR n48	30	30	637668	75@0	DFT_16QAM	17.65	37.07	47
SA NR n48	30	30	637668	75@0	DFT_64QAM	17.19	36.61	47
SA NR n48	30	30	637668	75@0	DFT_256QAM	15.25	34.67	47
SA NR n48	30	30	641666	75@0	DFT_BPSK	19.73	39.15	47
SA NR n48	30	30	641666	75@0	DFT_QPSK	19.27	38.69	47
SA NR n48	30	30	641666	75@0	DFT_16QAM	18.25	37.67	47
SA NR n48	30	30	641666	75@0	DFT_64QAM	17.76	37.18	47
SA NR n48	30	30	641666	75@0	DFT_256QAM	15.82	35.24	47
SA NR n48	30	30	645666	75@0	DFT_BPSK	19.12	38.54	47
SA NR n48	30	30	645666	75@0	DFT_QPSK	18.64	38.06	47
SA NR n48	30	30	645666	75@0	DFT_16QAM	17.67	37.09	47
SA NR n48	30	30	645666	75@0	DFT_64QAM	17.17	36.59	47
SA NR n48	30	30	645666	75@0	DFT_256QAM	15.26	34.68	47
SA NR n48	30	40	638000	100@0	DFT_BPSK	17.13	36.55	47
SA NR n48	30	40	638000	100@0	DFT_QPSK	16.68	36.10	47
SA NR n48	30	40	638000	100@0	DFT_16QAM	15.67	35.09	47
SA NR n48	30	40	638000	100@0	DFT_64QAM	15.18	34.60	47
SA NR n48	30	40	638000	100@0	DFT_256QAM	13.27	32.69	47
SA NR n48	30	40	641666	100@0	DFT_BPSK	17.44	36.86	47
SA NR n48	30	40	641666	100@0	DFT_QPSK	16.99	36.41	47
SA NR n48	30	40	641666	100@0	DFT_16QAM	16.04	35.46	47
SA NR n48	30	40	641666	100@0	DFT_64QAM	15.52	34.94	47
SA NR n48	30	40	641666	100@0	DFT_256QAM	13.57	32.99	47
SA NR n48	30	40	645332	100@0	DFT_BPSK	16.94	36.36	47
SA NR n48	30	40	645332	100@0	DFT_QPSK	16.45	35.87	47
SA NR n48	30	40	645332	100@0	DFT_16QAM	15.44	34.86	47
SA NR n48	30	40	645332	100@0	DFT_64QAM	14.95	34.37	47
SA NR n48	30	40	645332	100@0	DFT_256QAM	12.99	32.41	47
SA NR n48	30	50	638334	128@0	DFT_BPSK	15.90	35.32	47
SA NR n48	30	50	638334	128@0	DFT_QPSK	15.45	34.87	47
SA NR n48	30	50	638334	128@0	DFT_16QAM	14.47	33.89	47
SA NR n48	30	50	638334	128@0	DFT_64QAM	13.96	33.38	47
SA NR n48	30	50	638334	128@0	DFT_256QAM	12.01	31.43	47
SA NR n48	30	50	641666	128@0	DFT_BPSK	16.11	35.53	47

SA NR n48	30	50	641666	128@0	DFT_QPSK	15.64	35.06	47
SA NR n48	30	50	641666	128@0	DFT_16QAM	14.65	34.07	47
SA NR n48	30	50	641666	128@0	DFT_64QAM	14.13	33.55	47
SA NR n48	30	50	641666	128@0	DFT_256QAM	12.25	31.67	47
SA NR n48	30	50	645000	128@0	DFT_BPSK	15.67	35.09	47
SA NR n48	30	50	645000	128@0	DFT_QPSK	15.17	34.59	47
SA NR n48	30	50	645000	128@0	DFT_16QAM	14.19	33.61	47
SA NR n48	30	50	645000	128@0	DFT_64QAM	13.72	33.14	47
SA NR n48	30	50	645000	128@0	DFT_256QAM	11.78	31.20	47
SA NR n48	30	60	638668	162@0	DFT_BPSK	15.53	34.95	47
SA NR n48	30	60	638668	162@0	DFT_QPSK	15.07	34.49	47
SA NR n48	30	60	638668	162@0	DFT_16QAM	14.00	33.42	47
SA NR n48	30	60	638668	162@0	DFT_64QAM	13.54	32.96	47
SA NR n48	30	60	638668	162@0	DFT_256QAM	11.63	31.05	47
SA NR n48	30	60	641666	162@0	DFT_BPSK	15.60	35.02	47
SA NR n48	30	60	641666	162@0	DFT_QPSK	15.10	34.52	47
SA NR n48	30	60	641666	162@0	DFT_16QAM	14.09	33.51	47
SA NR n48	30	60	641666	162@0	DFT_64QAM	13.66	33.08	47
SA NR n48	30	60	641666	162@0	DFT_256QAM	11.73	31.15	47
SA NR n48	30	60	644666	162@0	DFT_BPSK	15.49	34.91	47
SA NR n48	30	60	644666	162@0	DFT_QPSK	15.03	34.45	47
SA NR n48	30	60	644666	162@0	DFT_16QAM	14.03	33.45	47
SA NR n48	30	60	644666	162@0	DFT_64QAM	13.53	32.95	47
SA NR n48	30	60	644666	162@0	DFT_256QAM	11.59	31.01	47
SA NR n48	30	80	639334	216@0	DFT_BPSK	15.05	34.47	47
SA NR n48	30	80	639334	216@0	DFT_QPSK	14.64	34.06	47
SA NR n48	30	80	639334	216@0	DFT_16QAM	13.58	33.00	47
SA NR n48	30	80	639334	216@0	DFT_64QAM	13.13	32.55	47
SA NR n48	30	80	639334	216@0	DFT_256QAM	11.22	30.64	47
SA NR n48	30	80	641666	216@0	DFT_BPSK	15.16	34.58	47
SA NR n48	30	80	641666	216@0	DFT_QPSK	14.71	34.13	47
SA NR n48	30	80	641666	216@0	DFT_16QAM	13.71	33.13	47
SA NR n48	30	80	641666	216@0	DFT_64QAM	13.20	32.62	47
SA NR n48	30	80	641666	216@0	DFT_256QAM	11.32	30.74	47
SA NR n48	30	80	644000	216@0	DFT_BPSK	15.11	34.53	47
SA NR n48	30	80	644000	216@0	DFT_QPSK	14.67	34.09	47
SA NR n48	30	80	644000	216@0	DFT_16QAM	13.62	33.04	47
SA NR n48	30	80	644000	216@0	DFT_64QAM	13.13	32.55	47
SA NR n48	30	80	644000	216@0	DFT_256QAM	11.28	30.70	47
SA NR n48	30	90	639668	240@0	DFT_BPSK	14.28	33.70	47
SA NR n48	30	90	639668	240@0	DFT_QPSK	13.84	33.26	47
SA NR n48	30	90	639668	240@0	DFT_16QAM	12.82	32.24	47
SA NR n48	30	90	639668	240@0	DFT_64QAM	12.34	31.76	47

SA NR n48	30	90	639668	240@0	DFT_256QAM	10.40	29.82	47
SA NR n48	30	90	641666	240@0	DFT_BPSK	14.49	33.91	47
SA NR n48	30	90	641666	240@0	DFT_QPSK	14.01	33.43	47
SA NR n48	30	90	641666	240@0	DFT_16QAM	13.01	32.43	47
SA NR n48	30	90	641666	240@0	DFT_64QAM	12.55	31.97	47
SA NR n48	30	90	641666	240@0	DFT_256QAM	10.60	30.02	47
SA NR n48	30	90	643666	240@0	DFT_BPSK	14.50	33.92	47
SA NR n48	30	90	643666	240@0	DFT_QPSK	14.01	33.43	47
SA NR n48	30	90	643666	240@0	DFT_16QAM	13.04	32.46	47
SA NR n48	30	90	643666	240@0	DFT_64QAM	12.54	31.96	47
SA NR n48	30	90	643666	240@0	DFT_256QAM	10.60	30.02	47
SA NR n48	30	100	640000	270@0	DFT_BPSK	13.54	32.96	47
SA NR n48	30	100	640000	270@0	DFT_QPSK	13.06	32.48	47
SA NR n48	30	100	640000	270@0	DFT_16QAM	12.08	31.50	47
SA NR n48	30	100	640000	270@0	DFT_64QAM	11.57	30.99	47
SA NR n48	30	100	640000	270@0	DFT_256QAM	9.69	29.11	47
SA NR n48	30	100	641666	270@0	DFT_BPSK	13.66	33.08	47
SA NR n48	30	100	641666	270@0	DFT_QPSK	13.17	32.59	47
SA NR n48	30	100	641666	270@0	DFT_16QAM	12.17	31.59	47
SA NR n48	30	100	641666	270@0	DFT_64QAM	11.67	31.09	47
SA NR n48	30	100	641666	270@0	DFT_256QAM	9.80	29.22	47
SA NR n48	30	100	643332	270@0	DFT_BPSK	13.58	33.00	47
SA NR n48	30	100	643332	270@0	DFT_QPSK	13.14	32.56	47
SA NR n48	30	100	643332	270@0	DFT_16QAM	12.11	31.53	47
SA NR n48	30	100	643332	270@0	DFT_64QAM	11.64	31.06	47
SA NR n48	30	100	643332	270@0	DFT_256QAM	9.73	29.15	47

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm/10MHZ)	EIRP (dBm/10MHZ)	EIRP Limit (dBm/10MHZ)
MIMO NR n48	30	10	637000	24@0	CP_QPSK	20.44	39.86	47
MIMO NR n48	30	10	637000	24@0	CP_16QAM	20.50	39.92	47
MIMO NR n48	30	10	637000	24@0	CP_64QAM	19.98	39.40	47
MIMO NR n48	30	10	637000	24@0	CP_256QAM	16.96	36.38	47
MIMO NR n48	30	10	641666	24@0	CP_QPSK	20.78	40.20	47
MIMO NR n48	30	10	641666	24@0	CP_16QAM	20.77	40.19	47
MIMO NR n48	30	10	641666	24@0	CP_64QAM	20.23	39.65	47
MIMO NR n48	30	10	641666	24@0	CP_256QAM	17.32	36.74	47
MIMO NR n48	30	10	646332	24@0	CP_QPSK	20.20	39.62	47
MIMO NR n48	30	10	646332	24@0	CP_16QAM	20.19	39.61	47
MIMO NR n48	30	10	646332	24@0	CP_64QAM	19.69	39.11	47
MIMO NR n48	30	10	646332	24@0	CP_256QAM	16.73	36.15	47
MIMO NR n48	30	15	637168	38@0	CP_QPSK	19.09	38.51	47
MIMO NR n48	30	15	637168	38@0	CP_16QAM	19.02	38.44	47

MIMO NR n48	30	15	637168	38@0	CP_64QAM	18.52	37.94	47
MIMO NR n48	30	15	637168	38@0	CP_256QAM	15.59	35.01	47
MIMO NR n48	30	15	641666	38@0	CP_QPSK	19.45	38.87	47
MIMO NR n48	30	15	641666	38@0	CP_16QAM	19.42	38.84	47
MIMO NR n48	30	15	641666	38@0	CP_64QAM	19.02	38.44	47
MIMO NR n48	30	15	641666	38@0	CP_256QAM	15.97	35.39	47
MIMO NR n48	30	15	646166	38@0	CP_QPSK	18.67	38.09	47
MIMO NR n48	30	15	646166	38@0	CP_16QAM	18.68	38.10	47
MIMO NR n48	30	15	646166	38@0	CP_64QAM	18.31	37.73	47
MIMO NR n48	30	15	646166	38@0	CP_256QAM	15.25	34.67	47
MIMO NR n48	30	20	637334	51@0	CP_QPSK	17.69	37.11	47
MIMO NR n48	30	20	637334	51@0	CP_16QAM	17.74	37.16	47
MIMO NR n48	30	20	637334	51@0	CP_64QAM	17.24	36.66	47
MIMO NR n48	30	20	637334	51@0	CP_256QAM	14.28	33.70	47
MIMO NR n48	30	20	641666	51@0	CP_QPSK	18.15	37.57	47
MIMO NR n48	30	20	641666	51@0	CP_16QAM	18.08	37.50	47
MIMO NR n48	30	20	641666	51@0	CP_64QAM	17.72	37.14	47
MIMO NR n48	30	20	641666	51@0	CP_256QAM	14.68	34.10	47
MIMO NR n48	30	20	646000	51@0	CP_QPSK	17.28	36.70	47
MIMO NR n48	30	20	646000	51@0	CP_16QAM	17.27	36.69	47
MIMO NR n48	30	20	646000	51@0	CP_64QAM	16.84	36.26	47
MIMO NR n48	30	20	646000	51@0	CP_256QAM	13.84	33.26	47
MIMO NR n48	30	30	637668	78@0	CP_QPSK	16.80	36.22	47
MIMO NR n48	30	30	637668	78@0	CP_16QAM	16.87	36.29	47
MIMO NR n48	30	30	637668	78@0	CP_64QAM	16.36	35.78	47
MIMO NR n48	30	30	637668	78@0	CP_256QAM	13.47	32.89	47
MIMO NR n48	30	30	641666	78@0	CP_QPSK	17.40	36.82	47
MIMO NR n48	30	30	641666	78@0	CP_16QAM	17.43	36.85	47
MIMO NR n48	30	30	641666	78@0	CP_64QAM	16.94	36.36	47
MIMO NR n48	30	30	641666	78@0	CP_256QAM	14.01	33.43	47
MIMO NR n48	30	30	645666	78@0	CP_QPSK	16.84	36.26	47
MIMO NR n48	30	30	645666	78@0	CP_16QAM	16.82	36.24	47
MIMO NR n48	30	30	645666	78@0	CP_64QAM	16.30	35.72	47
MIMO NR n48	30	30	645666	78@0	CP_256QAM	13.46	32.88	47
MIMO NR n48	30	40	638000	106@0	CP_QPSK	14.88	34.30	47
MIMO NR n48	30	40	638000	106@0	CP_16QAM	14.90	34.32	47
MIMO NR n48	30	40	638000	106@0	CP_64QAM	14.40	33.82	47
MIMO NR n48	30	40	638000	106@0	CP_256QAM	11.50	30.92	47
MIMO NR n48	30	40	641666	106@0	CP_QPSK	15.12	34.54	47
MIMO NR n48	30	40	641666	106@0	CP_16QAM	15.19	34.61	47
MIMO NR n48	30	40	641666	106@0	CP_64QAM	14.62	34.04	47
MIMO NR n48	30	40	641666	106@0	CP_256QAM	11.75	31.17	47
MIMO NR n48	30	40	645332	106@0	CP_QPSK	14.64	34.06	47

MIMO NR n48	30	40	645332	106@0	CP_16QAM	14.62	34.04	47
MIMO NR n48	30	40	645332	106@0	CP_64QAM	14.10	33.52	47
MIMO NR n48	30	40	645332	106@0	CP_256QAM	11.16	30.58	47
MIMO NR n48	30	50	638334	133@0	CP_QPSK	13.67	33.09	47
MIMO NR n48	30	50	638334	133@0	CP_16QAM	13.65	33.07	47
MIMO NR n48	30	50	638334	133@0	CP_64QAM	13.16	32.58	47
MIMO NR n48	30	50	638334	133@0	CP_256QAM	10.20	29.62	47
MIMO NR n48	30	50	641666	133@0	CP_QPSK	13.85	33.27	47
MIMO NR n48	30	50	641666	133@0	CP_16QAM	13.86	33.28	47
MIMO NR n48	30	50	641666	133@0	CP_64QAM	13.34	32.76	47
MIMO NR n48	30	50	641666	133@0	CP_256QAM	10.41	29.83	47
MIMO NR n48	30	50	645000	133@0	CP_QPSK	13.39	32.81	47
MIMO NR n48	30	50	645000	133@0	CP_16QAM	13.43	32.85	47
MIMO NR n48	30	50	645000	133@0	CP_64QAM	12.94	32.36	47
MIMO NR n48	30	50	645000	133@0	CP_256QAM	9.95	29.37	47
MIMO NR n48	30	60	638668	162@0	CP_QPSK	13.22	32.64	47
MIMO NR n48	30	60	638668	162@0	CP_16QAM	13.22	32.64	47
MIMO NR n48	30	60	638668	162@0	CP_64QAM	12.75	32.17	47
MIMO NR n48	30	60	638668	162@0	CP_256QAM	9.76	29.18	47
MIMO NR n48	30	60	641666	162@0	CP_QPSK	13.30	32.72	47
MIMO NR n48	30	60	641666	162@0	CP_16QAM	13.34	32.76	47
MIMO NR n48	30	60	641666	162@0	CP_64QAM	12.75	32.17	47
MIMO NR n48	30	60	641666	162@0	CP_256QAM	9.85	29.27	47
MIMO NR n48	30	60	644666	162@0	CP_QPSK	13.15	32.57	47
MIMO NR n48	30	60	644666	162@0	CP_16QAM	13.14	32.56	47
MIMO NR n48	30	60	644666	162@0	CP_64QAM	12.60	32.02	47
MIMO NR n48	30	60	644666	162@0	CP_256QAM	9.71	29.13	47
MIMO NR n48	30	80	639334	217@0	CP_QPSK	12.79	32.21	47
MIMO NR n48	30	80	639334	217@0	CP_16QAM	12.74	32.16	47
MIMO NR n48	30	80	639334	217@0	CP_64QAM	12.28	31.70	47
MIMO NR n48	30	80	639334	217@0	CP_256QAM	9.39	28.81	47
MIMO NR n48	30	80	641666	217@0	CP_QPSK	12.89	32.31	47
MIMO NR n48	30	80	641666	217@0	CP_16QAM	12.86	32.28	47
MIMO NR n48	30	80	641666	217@0	CP_64QAM	12.37	31.79	47
MIMO NR n48	30	80	641666	217@0	CP_256QAM	9.45	28.87	47
MIMO NR n48	30	80	644000	217@0	CP_QPSK	12.79	32.21	47
MIMO NR n48	30	80	644000	217@0	CP_16QAM	12.81	32.23	47
MIMO NR n48	30	80	644000	217@0	CP_64QAM	12.30	31.72	47
MIMO NR n48	30	80	644000	217@0	CP_256QAM	9.37	28.79	47
MIMO NR n48	30	90	639668	245@0	CP_QPSK	11.96	31.38	47
MIMO NR n48	30	90	639668	245@0	CP_16QAM	11.95	31.37	47
MIMO NR n48	30	90	639668	245@0	CP_64QAM	11.44	30.86	47
MIMO NR n48	30	90	639668	245@0	CP_256QAM	8.53	27.95	47

MIMO NR n48	30	90	641666	245@0	CP_QPSK	12.13	31.55	47
MIMO NR n48	30	90	641666	245@0	CP_16QAM	12.18	31.60	47
MIMO NR n48	30	90	641666	245@0	CP_64QAM	11.64	31.06	47
MIMO NR n48	30	90	641666	245@0	CP_256QAM	8.72	28.14	47
MIMO NR n48	30	90	643666	245@0	CP_QPSK	12.15	31.57	47
MIMO NR n48	30	90	643666	245@0	CP_16QAM	12.17	31.59	47
MIMO NR n48	30	90	643666	245@0	CP_64QAM	11.65	31.07	47
MIMO NR n48	30	90	643666	245@0	CP_256QAM	8.69	28.11	47
MIMO NR n48	30	100	640000	273@0	CP_QPSK	11.21	30.63	47
MIMO NR n48	30	100	640000	273@0	CP_16QAM	11.18	30.60	47
MIMO NR n48	30	100	640000	273@0	CP_64QAM	10.73	30.15	47
MIMO NR n48	30	100	640000	273@0	CP_256QAM	7.78	27.20	47
MIMO NR n48	30	100	641666	273@0	CP_QPSK	11.32	30.74	47
MIMO NR n48	30	100	641666	273@0	CP_16QAM	11.31	30.73	47
MIMO NR n48	30	100	641666	273@0	CP_64QAM	10.79	30.21	47
MIMO NR n48	30	100	641666	273@0	CP_256QAM	7.88	27.30	47
MIMO NR n48	30	100	643332	273@0	CP_QPSK	11.23	30.65	47
MIMO NR n48	30	100	643332	273@0	CP_16QAM	11.30	30.72	47
MIMO NR n48	30	100	643332	273@0	CP_64QAM	10.77	30.19	47
MIMO NR n48	30	100	643332	273@0	CP_256QAM	7.86	27.28	47

Maximum Power Spectral Density

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Maximum PSD (dBm/MHz)	Maximum EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
LTE Band 48	5	55265	25	#0	QPSK	17.25	36.67	37
LTE Band 48	5	55265	25	#0	16QAM	16.34	35.76	37
LTE Band 48	5	55265	25	#0	64QAM	15.35	34.77	37
LTE Band 48	5	55990	25	#0	QPSK	17.49	36.91	37
LTE Band 48	5	55990	25	#0	16QAM	16.45	35.87	37
LTE Band 48	5	55990	25	#0	64QAM	15.54	34.96	37
LTE Band 48	5	56715	25	#0	QPSK	17.12	36.54	37
LTE Band 48	5	56715	25	#0	16QAM	16.04	35.46	37
LTE Band 48	5	56715	25	#0	64QAM	15.06	34.48	37
LTE Band 48	10	55290	50	#0	QPSK	14.41	33.83	37
LTE Band 48	10	55290	50	#0	16QAM	13.37	32.79	37
LTE Band 48	10	55290	50	#0	64QAM	12.23	31.65	37
LTE Band 48	10	55990	50	#0	QPSK	14.55	33.97	37
LTE Band 48	10	55990	50	#0	16QAM	13.60	33.02	37
LTE Band 48	10	55990	50	#0	64QAM	12.52	31.94	37
LTE Band 48	10	56690	50	#0	QPSK	14.32	33.74	37
LTE Band 48	10	56690	50	#0	16QAM	13.37	32.79	37
LTE Band 48	10	56690	50	#0	64QAM	12.12	31.54	37
LTE Band 48	15	55315	75	#0	QPSK	12.64	32.06	37
LTE Band 48	15	55315	75	#0	16QAM	11.54	30.96	37
LTE Band 48	15	55315	75	#0	64QAM	10.44	29.86	37
LTE Band 48	15	55990	75	#0	QPSK	12.77	32.19	37
LTE Band 48	15	55990	75	#0	16QAM	11.73	31.15	37
LTE Band 48	15	55990	75	#0	64QAM	10.70	30.12	37
LTE Band 48	15	56665	75	#0	QPSK	12.52	31.94	37
LTE Band 48	15	56665	75	#0	16QAM	11.41	30.83	37
LTE Band 48	15	56665	75	#0	64QAM	10.41	29.83	37
LTE Band 48	20	55340	100	#0	QPSK	11.36	30.78	37
LTE Band 48	20	55340	100	#0	16QAM	10.44	29.86	37
LTE Band 48	20	55340	100	#0	64QAM	9.34	28.76	37
LTE Band 48	20	55990	100	#0	QPSK	11.46	30.88	37
LTE Band 48	20	55990	100	#0	16QAM	10.65	30.07	37
LTE Band 48	20	55990	100	#0	64QAM	9.43	28.85	37
LTE Band 48	20	56640	100	#0	QPSK	11.24	30.66	37
LTE Band 48	20	56640	100	#0	16QAM	10.30	29.72	37
LTE Band 48	20	56640	100	#0	64QAM	9.20	28.62	37
LTE Band 48	5	55265	25	#0	256QAM	14.87	34.29	37
LTE Band 48	5	55990	25	#0	256QAM	14.98	34.40	37

LTE Band 48	5	56715	25	#0	256QAM	14.37	33.79	37
LTE Band 48	10	55290	50	#0	256QAM	10.68	30.10	37
LTE Band 48	10	55990	50	#0	256QAM	10.91	30.33	37
LTE Band 48	10	56690	50	#0	256QAM	10.49	29.91	37
LTE Band 48	15	55315	75	#0	256QAM	8.84	28.26	37
LTE Band 48	15	55990	75	#0	256QAM	9.05	28.47	37
LTE Band 48	15	56665	75	#0	256QAM	8.72	28.14	37
LTE Band 48	20	55340	100	#0	256QAM	7.63	27.05	37
LTE Band 48	20	55990	100	#0	256QAM	7.74	27.16	37
LTE Band 48	20	56640	100	#0	256QAM	7.41	26.83	37

CA_48B	PCC	PCC	SCC	SCC	PCC RB		SCC1 RB		Maximum PSD (dBm/MHz)				Maximum EIRP PSD (dBm/MHz)				Limit
	Frequency (MHz)	channel	Frequency (MHz)	channel	Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	(dBm/MHz)
10MHz+10MHz	3555	55290	3564.9	55389	50	0	50	0	11.31	10.28	10.75	9.74	30.73	29.7	30.17	29.16	37
	3630.1	56041	3640	56140	50	0	50	0	9.70	9.19	10.43	9.78	29.12	28.61	29.85	29.20	37
	3685.1	56591	3695	56690	50	0	50	0	11.63	9.12	10.53	9.67	31.05	28.54	29.95	29.09	37
CA_48C	PCC	PCC	SCC	SCC	PCC RB		SCC1 RB		Maximum PSD (dBm/MHz)				Maximum EIRP PSD (dBm/MHz)				Limit
	Frequency (MHz)	channel	Frequency (MHz)	channel	Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	(dBm/MHz)
5MHz+20MHz	55273	3553.3	55390	3565	25	0	100	0	13.86	12.17	12.59	11.59	33.28	31.59	32.01	31.01	37
	55898	3615.8	56015	3627.5	25	0	100	0	13.63	11.71	11.97	8.93	33.05	31.13	31.39	28.35	37
	56523	3678.3	56640	3690	25	0	100	0	13.84	10.74	11.60	10.73	33.26	30.16	31.02	30.15	37
10MHz+20MHz	55295	3555.5	55439	3569.9	50	0	100	0	11.44	9.40	9.85	7.88	30.86	28.82	29.27	27.30	37
	55896	3615.6	56040	3630	50	0	100	0	10.94	8.06	10.32	7.20	30.36	27.48	29.74	26.62	37
	56496	3675.6	56640	3690	50	0	100	0	10.03	9.05	9.68	8.41	29.45	28.47	29.10	27.83	37
15MHz+20MHz	55318	3557.8	55489	3574.9	75	0	100	0	10.31	8.60	7.90	1.76	29.73	28.02	27.32	21.18	37
	55893	3615.3	56064	3632.4	75	0	100	0	9.69	8.23	7.66	4.14	29.11	27.65	27.08	23.56	37
	56469	3672.9	56640	3690	75	0	100	0	10.22	7.77	8.16	-1.69	29.64	27.19	27.58	17.73	37
20MHz+5MHz	55340	3560	55457	3571.7	100	0	25	0	9.52	11.18	11.15	7.88	28.94	30.60	30.57	27.30	37
	55965	3622.5	56082	3634.2	100	0	25	0	12.66	10.07	11.17	6.33	32.08	29.49	30.59	25.75	37
	56590	3685	56707	3696.7	100	0	25	0	12.56	12.30	11.45	6.60	31.98	31.72	30.87	26.02	37
20MHz+10MHz	55340	3560	55484	3574.4	100	0	50	0	10.15	9.55	9.32	5.65	29.57	28.97	28.74	25.07	37
	55941	3620.1	56085	3634.5	100	0	50	0	10.96	9.58	9.29	4.75	30.38	29.00	28.71	24.17	37
	56541	3680.1	56685	3694.5	100	0	50	0	11.32	9.73	10.13	6.71	30.74	29.15	29.55	26.13	37
20MHz+15MHz	55340	3560	55511	3577.1	100	0	75	0	11.06	6.62	8.94	2.48	30.48	26.04	28.36	21.90	37
	55916	3617.6	56087	3634.7	100	0	75	0	10.09	7.21	8.60	4.61	29.51	26.63	28.02	24.03	37
	56491	3675.1	56662	3692.2	100	0	75	0	10.73	7.02	7.43	4.80	30.15	26.44	26.85	24.22	37
20MHz+20MHz	55340	3560	55538	3579.8	100	0	100	0	8.17	6.80	6.17	5.92	27.59	26.22	25.59	25.34	37
	55891	3615.1	56089	3634.9	100	0	100	0	7.00	5.88	7.19	0.48	26.42	25.30	26.61	19.90	37
	56442	3670.2	56640	3690	100	0	100	0	6.58	4.99	8.79	5.30	26.00	24.41	28.21	24.72	37

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Maximum PSD (dBm/MHz)	Maximum EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
SA NR n48	30	10	637000	24@0	DFT_BPSK	15.40	34.82	37
SA NR n48	30	10	637000	24@0	DFT_QPSK	14.41	33.83	37
SA NR n48	30	10	637000	24@0	DFT_16QAM	13.19	32.61	37
SA NR n48	30	10	637000	24@0	DFT_64QAM	12.67	32.09	37
SA NR n48	30	10	637000	24@0	DFT_256QAM	10.95	30.37	37
SA NR n48	30	10	641666	24@0	DFT_BPSK	14.74	34.16	37
SA NR n48	30	10	641666	24@0	DFT_QPSK	13.93	33.35	37
SA NR n48	30	10	641666	24@0	DFT_16QAM	13.04	32.46	37
SA NR n48	30	10	641666	24@0	DFT_64QAM	12.48	31.90	37
SA NR n48	30	10	641666	24@0	DFT_256QAM	10.70	30.12	37
SA NR n48	30	10	646332	24@0	DFT_BPSK	15.26	34.68	37
SA NR n48	30	10	646332	24@0	DFT_QPSK	14.15	33.57	37
SA NR n48	30	10	646332	24@0	DFT_16QAM	13.30	32.72	37
SA NR n48	30	10	646332	24@0	DFT_64QAM	12.68	32.10	37
SA NR n48	30	10	646332	24@0	DFT_256QAM	10.96	30.38	37
SA NR n48	30	15	637168	36@0	DFT_BPSK	13.28	32.70	37
SA NR n48	30	15	637168	36@0	DFT_QPSK	12.60	32.02	37
SA NR n48	30	15	637168	36@0	DFT_16QAM	11.49	30.91	37
SA NR n48	30	15	637168	36@0	DFT_64QAM	11.04	30.46	37
SA NR n48	30	15	637168	36@0	DFT_256QAM	9.18	28.60	37
SA NR n48	30	15	641666	36@0	DFT_BPSK	13.12	32.54	37
SA NR n48	30	15	641666	36@0	DFT_QPSK	12.61	32.03	37
SA NR n48	30	15	641666	36@0	DFT_16QAM	11.96	31.38	37
SA NR n48	30	15	641666	36@0	DFT_64QAM	11.41	30.83	37
SA NR n48	30	15	641666	36@0	DFT_256QAM	9.05	28.47	37
SA NR n48	30	15	646166	36@0	DFT_BPSK	13.76	33.18	37
SA NR n48	30	15	646166	36@0	DFT_QPSK	12.64	32.06	37
SA NR n48	30	15	646166	36@0	DFT_16QAM	11.69	31.11	37
SA NR n48	30	15	646166	36@0	DFT_64QAM	11.33	30.75	37
SA NR n48	30	15	646166	36@0	DFT_256QAM	9.14	28.56	37
SA NR n48	30	20	637334	50@0	DFT_BPSK	11.85	31.27	37
SA NR n48	30	20	637334	50@0	DFT_QPSK	11.30	30.72	37
SA NR n48	30	20	637334	50@0	DFT_16QAM	10.17	29.59	37
SA NR n48	30	20	637334	50@0	DFT_64QAM	9.81	29.23	37
SA NR n48	30	20	637334	50@0	DFT_256QAM	8.61	28.03	37
SA NR n48	30	20	641666	50@0	DFT_BPSK	11.92	31.34	37
SA NR n48	30	20	641666	50@0	DFT_QPSK	11.05	30.47	37
SA NR n48	30	20	641666	50@0	DFT_16QAM	10.27	29.69	37
SA NR n48	30	20	641666	50@0	DFT_64QAM	9.77	29.19	37
SA NR n48	30	20	641666	50@0	DFT_256QAM	8.08	27.50	37

SA NR n48	30	20	646000	50@0	DFT_BPSK	11.93	31.35	37
SA NR n48	30	20	646000	50@0	DFT_QPSK	12.12	31.54	37
SA NR n48	30	20	646000	50@0	DFT_16QAM	10.22	29.64	37
SA NR n48	30	20	646000	50@0	DFT_64QAM	9.91	29.33	37
SA NR n48	30	20	646000	50@0	DFT_256QAM	8.29	27.71	37
SA NR n48	30	30	637668	75@0	DFT_BPSK	10.10	29.52	37
SA NR n48	30	30	637668	75@0	DFT_QPSK	9.62	29.04	37
SA NR n48	30	30	637668	75@0	DFT_16QAM	9.40	28.82	37
SA NR n48	30	30	637668	75@0	DFT_64QAM	8.15	27.57	37
SA NR n48	30	30	637668	75@0	DFT_256QAM	6.81	26.23	37
SA NR n48	30	30	641666	75@0	DFT_BPSK	10.53	29.95	37
SA NR n48	30	30	641666	75@0	DFT_QPSK	9.62	29.04	37
SA NR n48	30	30	641666	75@0	DFT_16QAM	9.40	28.82	37
SA NR n48	30	30	641666	75@0	DFT_64QAM	8.33	27.75	37
SA NR n48	30	30	641666	75@0	DFT_256QAM	6.93	26.35	37
SA NR n48	30	30	645666	75@0	DFT_BPSK	9.79	29.21	37
SA NR n48	30	30	645666	75@0	DFT_QPSK	9.86	29.28	37
SA NR n48	30	30	645666	75@0	DFT_16QAM	9.23	28.65	37
SA NR n48	30	30	645666	75@0	DFT_64QAM	8.45	27.87	37
SA NR n48	30	30	645666	75@0	DFT_256QAM	6.70	26.12	37
SA NR n48	30	40	638000	100@0	DFT_BPSK	9.02	28.44	37
SA NR n48	30	40	638000	100@0	DFT_QPSK	8.87	28.29	37
SA NR n48	30	40	638000	100@0	DFT_16QAM	7.62	27.04	37
SA NR n48	30	40	638000	100@0	DFT_64QAM	7.31	26.73	37
SA NR n48	30	40	638000	100@0	DFT_256QAM	5.12	24.54	37
SA NR n48	30	40	641666	100@0	DFT_BPSK	9.11	28.53	37
SA NR n48	30	40	641666	100@0	DFT_QPSK	8.72	28.14	37
SA NR n48	30	40	641666	100@0	DFT_16QAM	8.24	27.66	37
SA NR n48	30	40	641666	100@0	DFT_64QAM	7.85	27.27	37
SA NR n48	30	40	641666	100@0	DFT_256QAM	5.10	24.52	37
SA NR n48	30	40	645332	100@0	DFT_BPSK	9.54	28.96	37
SA NR n48	30	40	645332	100@0	DFT_QPSK	8.79	28.21	37
SA NR n48	30	40	645332	100@0	DFT_16QAM	7.72	27.14	37
SA NR n48	30	40	645332	100@0	DFT_64QAM	7.37	26.79	37
SA NR n48	30	40	645332	100@0	DFT_256QAM	4.89	24.31	37
SA NR n48	30	50	638334	128@0	DFT_BPSK	8.49	27.91	37
SA NR n48	30	50	638334	128@0	DFT_QPSK	7.95	27.37	37
SA NR n48	30	50	638334	128@0	DFT_16QAM	6.93	26.35	37
SA NR n48	30	50	638334	128@0	DFT_64QAM	5.98	25.40	37
SA NR n48	30	50	638334	128@0	DFT_256QAM	4.13	23.55	37
SA NR n48	30	50	641666	128@0	DFT_BPSK	8.10	27.52	37
SA NR n48	30	50	641666	128@0	DFT_QPSK	7.83	27.25	37
SA NR n48	30	50	641666	128@0	DFT_16QAM	6.43	25.85	37

SA NR n48	30	50	641666	128@0	DFT_64QAM	6.10	25.52	37
SA NR n48	30	50	641666	128@0	DFT_256QAM	4.34	23.76	37
SA NR n48	30	50	645000	128@0	DFT_BPSK	8.11	27.53	37
SA NR n48	30	50	645000	128@0	DFT_QPSK	7.77	27.19	37
SA NR n48	30	50	645000	128@0	DFT_16QAM	6.95	26.37	37
SA NR n48	30	50	645000	128@0	DFT_64QAM	5.81	25.23	37
SA NR n48	30	50	645000	128@0	DFT_256QAM	4.34	23.76	37
SA NR n48	30	60	638668	162@0	DFT_BPSK	7.88	27.30	37
SA NR n48	30	60	638668	162@0	DFT_QPSK	6.58	26.00	37
SA NR n48	30	60	638668	162@0	DFT_16QAM	5.65	25.07	37
SA NR n48	30	60	638668	162@0	DFT_64QAM	5.37	24.79	37
SA NR n48	30	60	638668	162@0	DFT_256QAM	3.15	22.57	37
SA NR n48	30	60	641666	162@0	DFT_BPSK	7.82	27.24	37
SA NR n48	30	60	641666	162@0	DFT_QPSK	6.60	26.02	37
SA NR n48	30	60	641666	162@0	DFT_16QAM	5.67	25.09	37
SA NR n48	30	60	641666	162@0	DFT_64QAM	5.87	25.29	37
SA NR n48	30	60	641666	162@0	DFT_256QAM	3.11	22.53	37
SA NR n48	30	60	644666	162@0	DFT_BPSK	7.96	27.38	37
SA NR n48	30	60	644666	162@0	DFT_QPSK	6.72	26.14	37
SA NR n48	30	60	644666	162@0	DFT_16QAM	5.23	24.65	37
SA NR n48	30	60	644666	162@0	DFT_64QAM	5.07	24.49	37
SA NR n48	30	60	644666	162@0	DFT_256QAM	3.12	22.54	37
SA NR n48	30	80	639334	216@0	DFT_BPSK	6.05	25.47	37
SA NR n48	30	80	639334	216@0	DFT_QPSK	5.54	24.96	37
SA NR n48	30	80	639334	216@0	DFT_16QAM	4.68	24.10	37
SA NR n48	30	80	639334	216@0	DFT_64QAM	4.02	23.44	37
SA NR n48	30	80	639334	216@0	DFT_256QAM	2.22	21.64	37
SA NR n48	30	80	641666	216@0	DFT_BPSK	5.88	25.30	37
SA NR n48	30	80	641666	216@0	DFT_QPSK	5.65	25.07	37
SA NR n48	30	80	641666	216@0	DFT_16QAM	4.66	24.08	37
SA NR n48	30	80	641666	216@0	DFT_64QAM	3.82	23.24	37
SA NR n48	30	80	641666	216@0	DFT_256QAM	2.19	21.61	37
SA NR n48	30	80	644000	216@0	DFT_BPSK	5.91	25.33	37
SA NR n48	30	80	644000	216@0	DFT_QPSK	5.12	24.54	37
SA NR n48	30	80	644000	216@0	DFT_16QAM	4.26	23.68	37
SA NR n48	30	80	644000	216@0	DFT_64QAM	3.50	22.92	37
SA NR n48	30	80	644000	216@0	DFT_256QAM	1.98	21.40	37
SA NR n48	30	90	639668	240@0	DFT_BPSK	6.11	25.53	37
SA NR n48	30	90	639668	240@0	DFT_QPSK	5.11	24.53	37
SA NR n48	30	90	639668	240@0	DFT_16QAM	3.96	23.38	37
SA NR n48	30	90	639668	240@0	DFT_64QAM	3.48	22.90	37
SA NR n48	30	90	639668	240@0	DFT_256QAM	1.41	20.83	37
SA NR n48	30	90	641666	240@0	DFT_BPSK	5.69	25.11	37

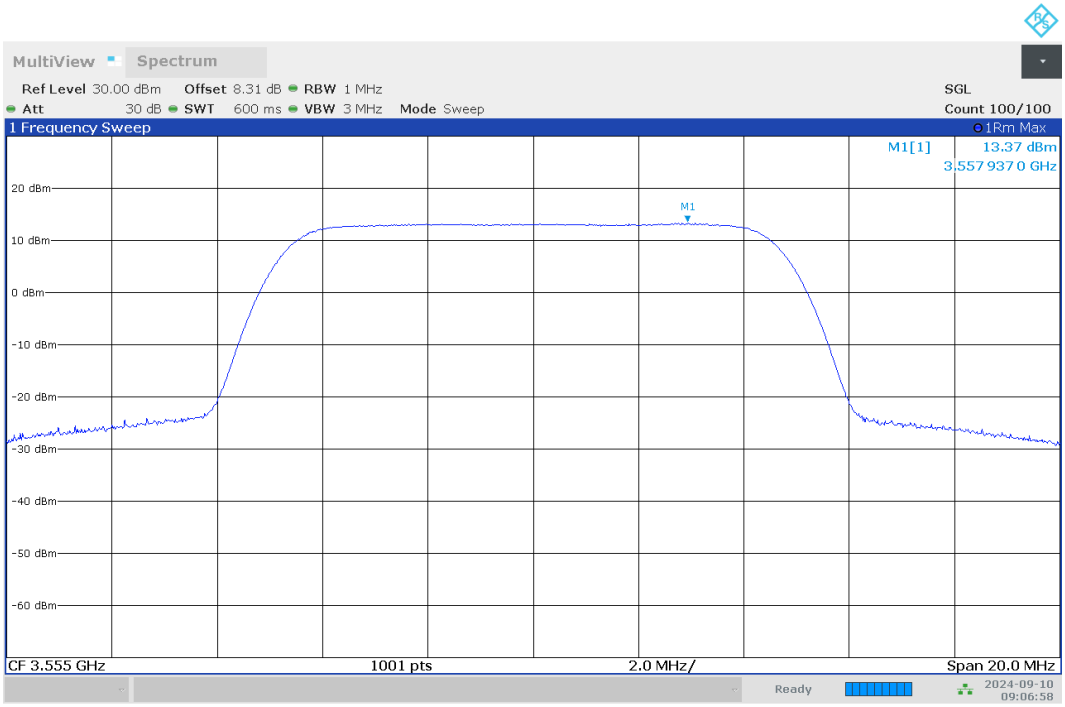
SA NR n48	30	90	641666	240@0	DFT_QPSK	5.27	24.69	37
SA NR n48	30	90	641666	240@0	DFT_16QAM	4.23	23.65	37
SA NR n48	30	90	641666	240@0	DFT_64QAM	3.71	23.13	37
SA NR n48	30	90	641666	240@0	DFT_256QAM	1.44	20.86	37
SA NR n48	30	90	643666	240@0	DFT_BPSK	5.41	24.83	37
SA NR n48	30	90	643666	240@0	DFT_QPSK	5.13	24.55	37
SA NR n48	30	90	643666	240@0	DFT_16QAM	3.94	23.36	37
SA NR n48	30	90	643666	240@0	DFT_64QAM	3.44	22.86	37
SA NR n48	30	90	643666	240@0	DFT_256QAM	1.38	20.80	37
SA NR n48	30	100	640000	270@0	DFT_BPSK	5.16	24.58	37
SA NR n48	30	100	640000	270@0	DFT_QPSK	4.61	24.03	37
SA NR n48	30	100	640000	270@0	DFT_16QAM	3.44	22.86	37
SA NR n48	30	100	640000	270@0	DFT_64QAM	3.16	22.58	37
SA NR n48	30	100	640000	270@0	DFT_256QAM	1.02	20.44	37
SA NR n48	30	100	641666	270@0	DFT_BPSK	5.13	24.55	37
SA NR n48	30	100	641666	270@0	DFT_QPSK	4.60	24.02	37
SA NR n48	30	100	641666	270@0	DFT_16QAM	3.55	22.97	37
SA NR n48	30	100	641666	270@0	DFT_64QAM	2.86	22.28	37
SA NR n48	30	100	641666	270@0	DFT_256QAM	1.12	20.54	37
SA NR n48	30	100	643332	270@0	DFT_BPSK	4.65	24.07	37
SA NR n48	30	100	643332	270@0	DFT_QPSK	4.13	23.55	37
SA NR n48	30	100	643332	270@0	DFT_16QAM	3.39	22.81	37
SA NR n48	30	100	643332	270@0	DFT_64QAM	2.66	22.08	37
SA NR n48	30	100	643332	270@0	DFT_256QAM	1.02	20.44	37

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Maximum PSD (dBm/MHz)	Maximum EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
MIMO NR n48	30	10	637000	24@0	CP_QPSK	12.37	31.79	37
MIMO NR n48	30	10	637000	24@0	CP_16QAM	12.41	31.83	37
MIMO NR n48	30	10	637000	24@0	CP_64QAM	11.71	31.13	37
MIMO NR n48	30	10	637000	24@0	CP_256QAM	8.84	28.26	37
MIMO NR n48	30	10	641666	24@0	CP_QPSK	12.18	31.60	37
MIMO NR n48	30	10	641666	24@0	CP_16QAM	11.92	31.34	37
MIMO NR n48	30	10	641666	24@0	CP_64QAM	11.84	31.26	37
MIMO NR n48	30	10	641666	24@0	CP_256QAM	8.96	28.38	37
MIMO NR n48	30	10	646332	24@0	CP_QPSK	12.43	31.85	37
MIMO NR n48	30	10	646332	24@0	CP_16QAM	12.17	31.59	37
MIMO NR n48	30	10	646332	24@0	CP_64QAM	12.08	31.50	37
MIMO NR n48	30	10	646332	24@0	CP_256QAM	9.05	28.47	37
MIMO NR n48	30	15	637168	38@0	CP_QPSK	10.01	29.43	37
MIMO NR n48	30	15	637168	38@0	CP_16QAM	10.07	29.49	37
MIMO NR n48	30	15	637168	38@0	CP_64QAM	10.02	29.44	37
MIMO NR n48	30	15	637168	38@0	CP_256QAM	7.49	26.91	37
MIMO NR n48	30	15	641666	38@0	CP_QPSK	10.02	29.44	37
MIMO NR n48	30	15	641666	38@0	CP_16QAM	10.82	30.24	37
MIMO NR n48	30	15	641666	38@0	CP_64QAM	9.74	29.16	37
MIMO NR n48	30	15	641666	38@0	CP_256QAM	6.80	26.22	37
MIMO NR n48	30	15	646166	38@0	CP_QPSK	10.08	29.50	37
MIMO NR n48	30	15	646166	38@0	CP_16QAM	10.80	30.22	37
MIMO NR n48	30	15	646166	38@0	CP_64QAM	9.87	29.29	37
MIMO NR n48	30	15	646166	38@0	CP_256QAM	6.81	26.23	37
MIMO NR n48	30	20	637334	51@0	CP_QPSK	8.51	27.93	37
MIMO NR n48	30	20	637334	51@0	CP_16QAM	8.83	28.25	37
MIMO NR n48	30	20	637334	51@0	CP_64QAM	8.60	28.02	37
MIMO NR n48	30	20	637334	51@0	CP_256QAM	5.57	24.99	37
MIMO NR n48	30	20	641666	51@0	CP_QPSK	8.72	28.14	37
MIMO NR n48	30	20	641666	51@0	CP_16QAM	8.94	28.36	37
MIMO NR n48	30	20	641666	51@0	CP_64QAM	8.54	27.96	37
MIMO NR n48	30	20	641666	51@0	CP_256QAM	5.77	25.19	37
MIMO NR n48	30	20	646000	51@0	CP_QPSK	8.70	28.12	37
MIMO NR n48	30	20	646000	51@0	CP_16QAM	8.95	28.37	37
MIMO NR n48	30	20	646000	51@0	CP_64QAM	8.91	28.33	37
MIMO NR n48	30	20	646000	51@0	CP_256QAM	5.80	25.22	37
MIMO NR n48	30	30	637668	78@0	CP_QPSK	7.24	26.66	37
MIMO NR n48	30	30	637668	78@0	CP_16QAM	7.33	26.75	37
MIMO NR n48	30	30	637668	78@0	CP_64QAM	6.87	26.29	37

MIMO NR n48	30	30	637668	78@0	CP_256QAM	3.93	23.35	37
MIMO NR n48	30	30	641666	78@0	CP_QPSK	7.43	26.85	37
MIMO NR n48	30	30	641666	78@0	CP_16QAM	7.29	26.71	37
MIMO NR n48	30	30	641666	78@0	CP_64QAM	7.00	26.42	37
MIMO NR n48	30	30	641666	78@0	CP_256QAM	3.94	23.36	37
MIMO NR n48	30	30	645666	78@0	CP_QPSK	7.47	26.89	37
MIMO NR n48	30	30	645666	78@0	CP_16QAM	7.63	27.05	37
MIMO NR n48	30	30	645666	78@0	CP_64QAM	6.94	26.36	37
MIMO NR n48	30	30	645666	78@0	CP_256QAM	4.12	23.54	37
MIMO NR n48	30	40	638000	106@0	CP_QPSK	5.71	25.13	37
MIMO NR n48	30	40	638000	106@0	CP_16QAM	6.05	25.47	37
MIMO NR n48	30	40	638000	106@0	CP_64QAM	5.66	25.08	37
MIMO NR n48	30	40	638000	106@0	CP_256QAM	3.07	22.49	37
MIMO NR n48	30	40	641666	106@0	CP_QPSK	6.03	25.45	37
MIMO NR n48	30	40	641666	106@0	CP_16QAM	6.13	25.55	37
MIMO NR n48	30	40	641666	106@0	CP_64QAM	5.82	25.24	37
MIMO NR n48	30	40	641666	106@0	CP_256QAM	2.71	22.13	37
MIMO NR n48	30	40	645332	106@0	CP_QPSK	5.95	25.37	37
MIMO NR n48	30	40	645332	106@0	CP_16QAM	6.05	25.47	37
MIMO NR n48	30	40	645332	106@0	CP_64QAM	5.56	24.98	37
MIMO NR n48	30	40	645332	106@0	CP_256QAM	2.56	21.98	37
MIMO NR n48	30	50	638334	133@0	CP_QPSK	4.84	24.26	37
MIMO NR n48	30	50	638334	133@0	CP_16QAM	5.09	24.51	37
MIMO NR n48	30	50	638334	133@0	CP_64QAM	4.72	24.14	37
MIMO NR n48	30	50	638334	133@0	CP_256QAM	1.89	21.31	37
MIMO NR n48	30	50	641666	133@0	CP_QPSK	5.02	24.44	37
MIMO NR n48	30	50	641666	133@0	CP_16QAM	5.22	24.64	37
MIMO NR n48	30	50	641666	133@0	CP_64QAM	4.92	24.34	37
MIMO NR n48	30	50	641666	133@0	CP_256QAM	1.84	21.26	37
MIMO NR n48	30	50	645000	133@0	CP_QPSK	4.83	24.25	37
MIMO NR n48	30	50	645000	133@0	CP_16QAM	4.90	24.32	37
MIMO NR n48	30	50	645000	133@0	CP_64QAM	4.60	24.02	37
MIMO NR n48	30	50	645000	133@0	CP_256QAM	2.13	21.55	37
MIMO NR n48	30	60	638668	162@0	CP_QPSK	4.45	23.87	37
MIMO NR n48	30	60	638668	162@0	CP_16QAM	4.17	23.59	37
MIMO NR n48	30	60	638668	162@0	CP_64QAM	3.97	23.39	37
MIMO NR n48	30	60	638668	162@0	CP_256QAM	1.15	20.57	37
MIMO NR n48	30	60	641666	162@0	CP_QPSK	4.11	23.53	37
MIMO NR n48	30	60	641666	162@0	CP_16QAM	4.20	23.62	37
MIMO NR n48	30	60	641666	162@0	CP_64QAM	3.95	23.37	37
MIMO NR n48	30	60	641666	162@0	CP_256QAM	1.33	20.75	37
MIMO NR n48	30	60	644666	162@0	CP_QPSK	4.11	23.53	37
MIMO NR n48	30	60	644666	162@0	CP_16QAM	4.19	23.61	37

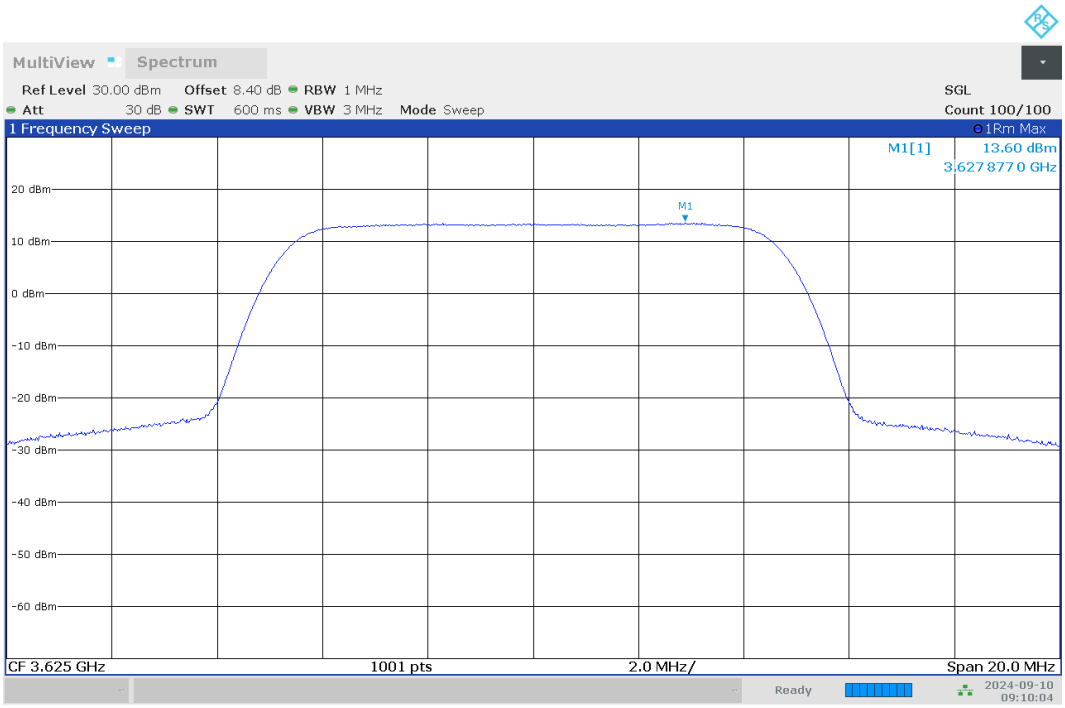
MIMO NR n48	30	60	644666	162@0	CP_64QAM	3.82	23.24	37
MIMO NR n48	30	60	644666	162@0	CP_256QAM	0.87	20.29	37
MIMO NR n48	30	80	639334	217@0	CP_QPSK	3.07	22.49	37
MIMO NR n48	30	80	639334	217@0	CP_16QAM	3.05	22.47	37
MIMO NR n48	30	80	639334	217@0	CP_64QAM	2.76	22.18	37
MIMO NR n48	30	80	639334	217@0	CP_256QAM	-0.17	19.25	37
MIMO NR n48	30	80	641666	217@0	CP_QPSK	3.34	22.76	37
MIMO NR n48	30	80	641666	217@0	CP_16QAM	3.29	22.71	37
MIMO NR n48	30	80	641666	217@0	CP_64QAM	2.76	22.18	37
MIMO NR n48	30	80	641666	217@0	CP_256QAM	-0.13	19.29	37
MIMO NR n48	30	80	644000	217@0	CP_QPSK	2.48	21.90	37
MIMO NR n48	30	80	644000	217@0	CP_16QAM	3.07	22.49	37
MIMO NR n48	30	80	644000	217@0	CP_64QAM	2.36	21.78	37
MIMO NR n48	30	80	644000	217@0	CP_256QAM	-0.16	19.26	37
MIMO NR n48	30	90	639668	245@0	CP_QPSK	2.54	21.96	37
MIMO NR n48	30	90	639668	245@0	CP_16QAM	2.62	22.04	37
MIMO NR n48	30	90	639668	245@0	CP_64QAM	2.17	21.59	37
MIMO NR n48	30	90	639668	245@0	CP_256QAM	-0.70	18.72	37
MIMO NR n48	30	90	641666	245@0	CP_QPSK	2.37	21.79	37
MIMO NR n48	30	90	641666	245@0	CP_16QAM	2.51	21.93	37
MIMO NR n48	30	90	641666	245@0	CP_64QAM	2.16	21.58	37
MIMO NR n48	30	90	641666	245@0	CP_256QAM	-0.81	18.61	37
MIMO NR n48	30	90	643666	245@0	CP_QPSK	2.22	21.64	37
MIMO NR n48	30	90	643666	245@0	CP_16QAM	2.81	22.23	37
MIMO NR n48	30	90	643666	245@0	CP_64QAM	1.96	21.38	37
MIMO NR n48	30	90	643666	245@0	CP_256QAM	-0.75	18.67	37
MIMO NR n48	30	100	640000	273@0	CP_QPSK	2.09	21.51	37
MIMO NR n48	30	100	640000	273@0	CP_16QAM	2.18	21.60	37
MIMO NR n48	30	100	640000	273@0	CP_64QAM	1.77	21.19	37
MIMO NR n48	30	100	640000	273@0	CP_256QAM	-1.32	18.10	37
MIMO NR n48	30	100	641666	273@0	CP_QPSK	2.26	21.68	37
MIMO NR n48	30	100	641666	273@0	CP_16QAM	1.97	21.39	37
MIMO NR n48	30	100	641666	273@0	CP_64QAM	1.79	21.21	37
MIMO NR n48	30	100	641666	273@0	CP_256QAM	-0.97	18.45	37
MIMO NR n48	30	100	643332	273@0	CP_QPSK	2.17	21.59	37
MIMO NR n48	30	100	643332	273@0	CP_16QAM	2.16	21.58	37
MIMO NR n48	30	100	643332	273@0	CP_64QAM	1.62	21.04	37
MIMO NR n48	30	100	643332	273@0	CP_256QAM	-1.50	17.92	37

Maximum PSD (dBm/MHz)



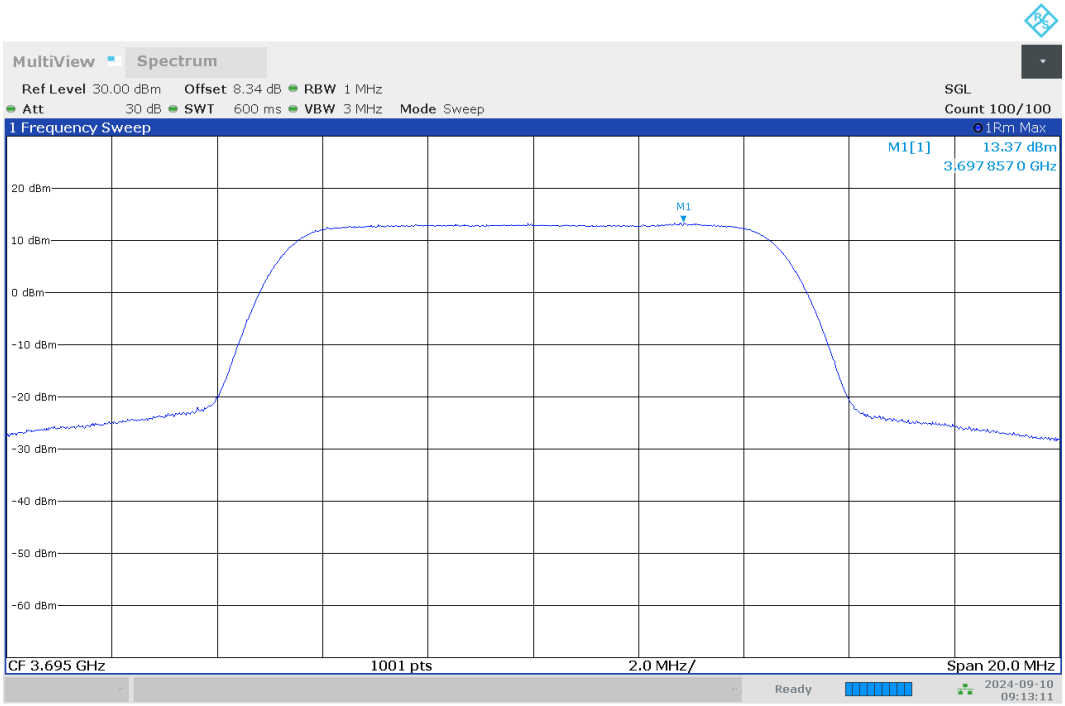
09:06:58 AM 09/10/2024

LTE Band 48 16QAM BW=10MHz Channel=55290 RB Size=50 Position=#0



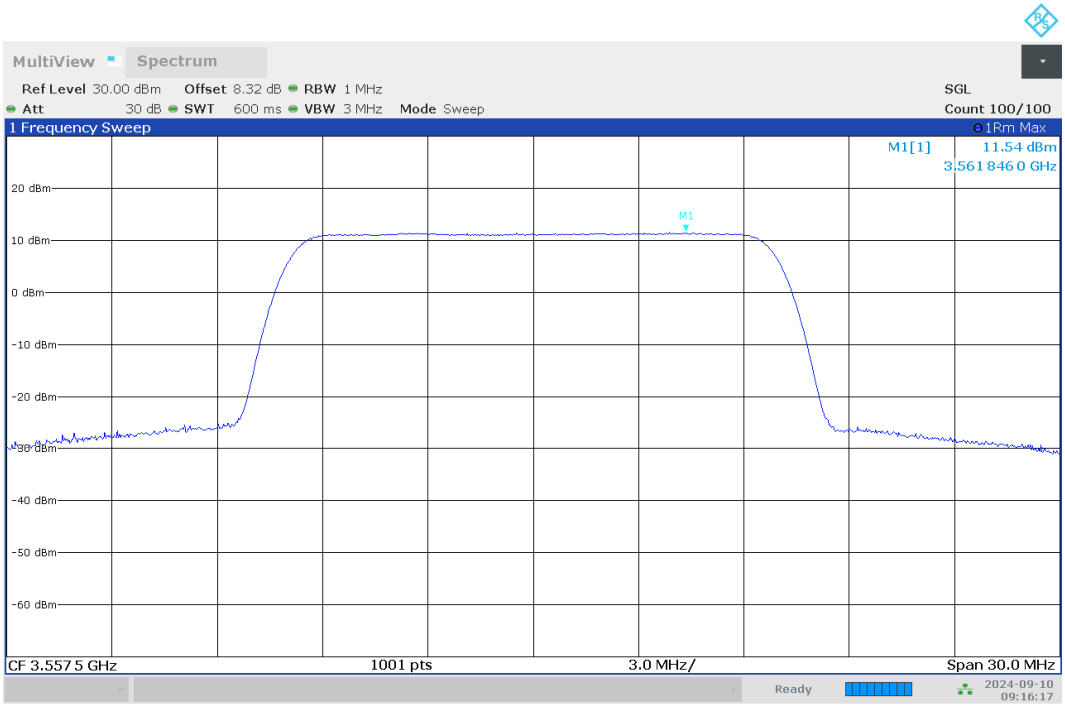
09:10:05 AM 09/10/2024

LTE Band 48 16QAM BW=10MHz Channel=55990 RB Size=50 Position=#0



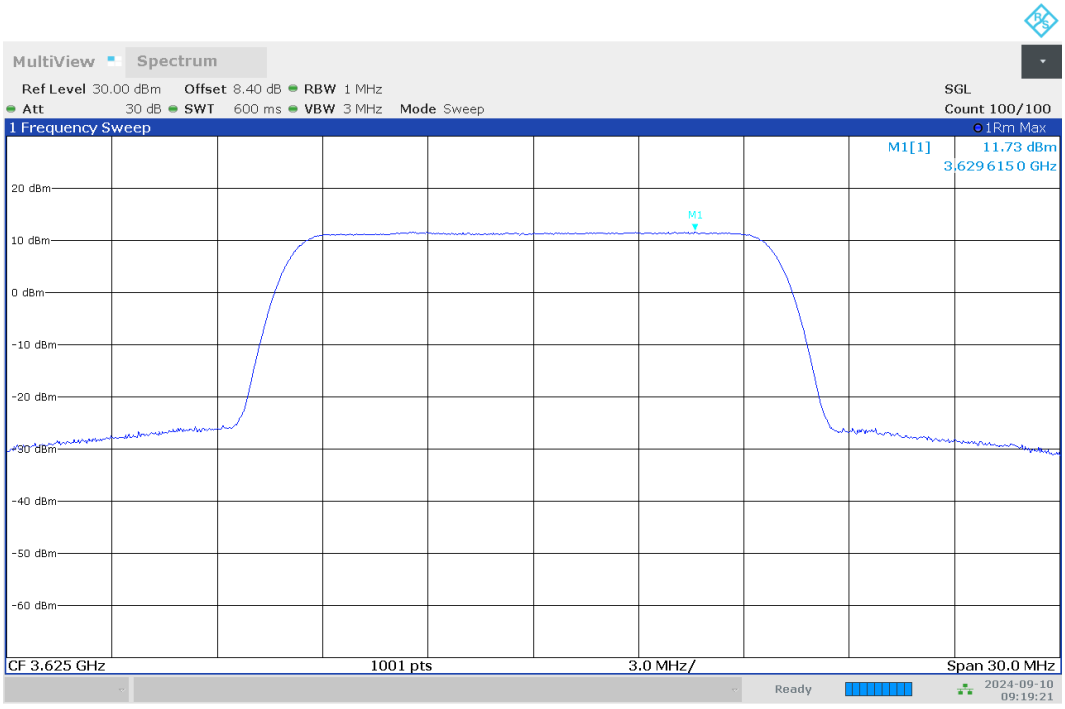
09:13:11 AM 09/10/2024

LTE Band 48 16QAM BW=10MHz Channel=56690 RB Size=50 Position=#0



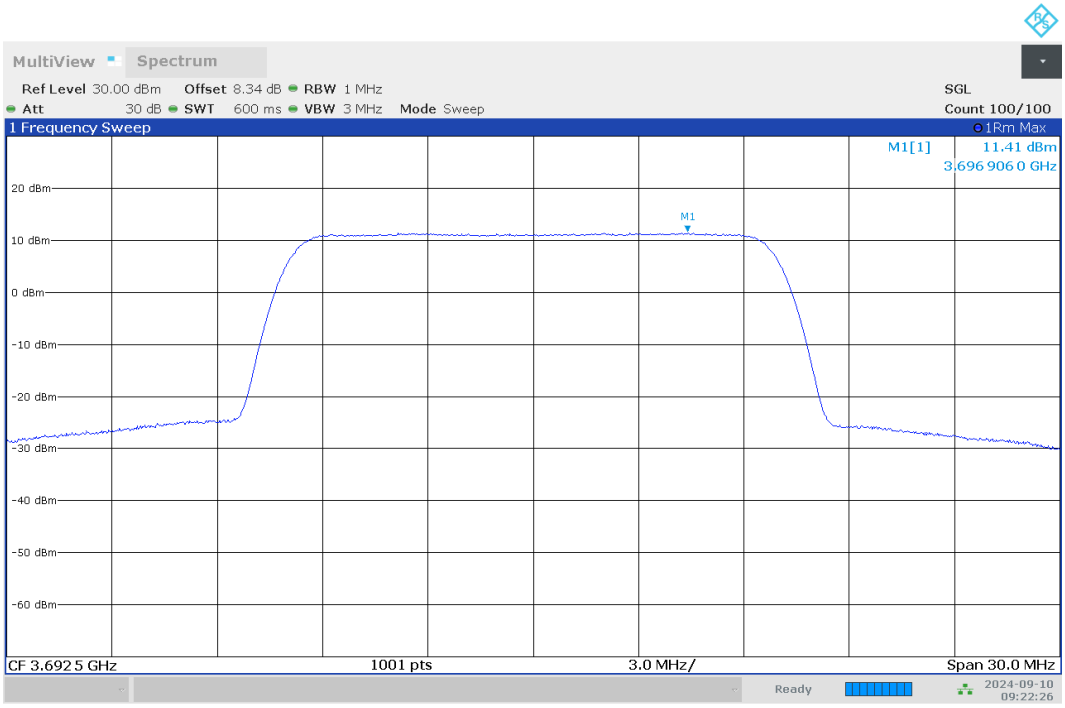
09:16:17 AM 09/10/2024

LTE Band 48 16QAM BW=15MHz Channel=55315 RB Size=75 Position=#0



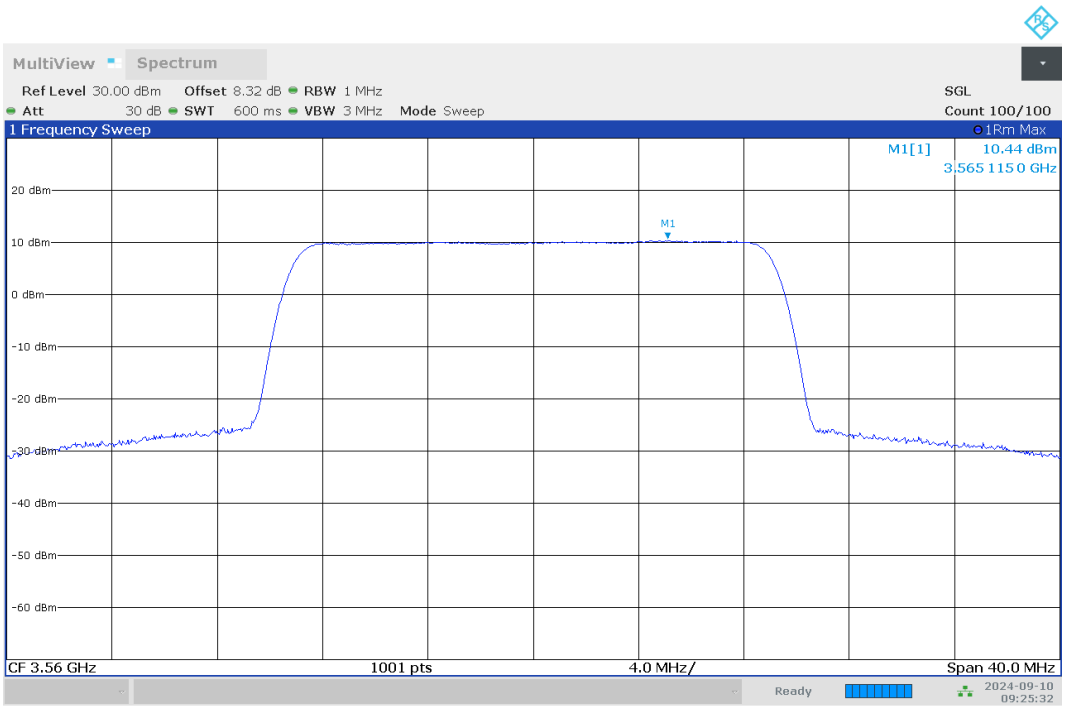
09:19:22 AM 09/10/2024

LTE Band 48 16QAM BW=15MHz Channel=55990 RB Size=75 Position=#0



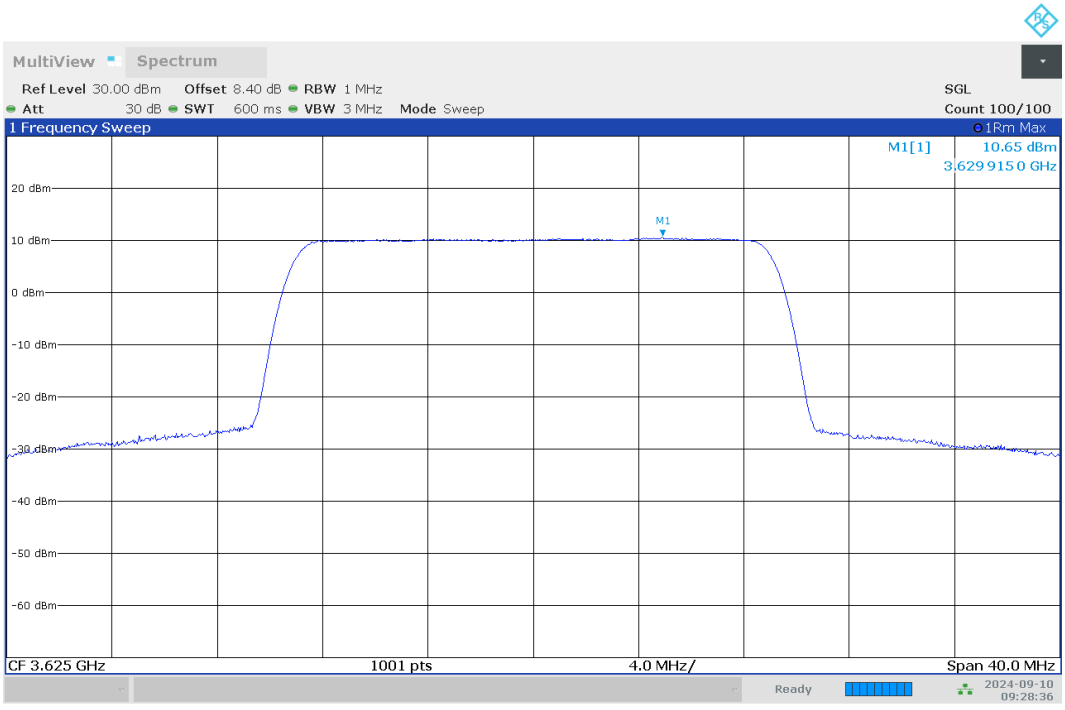
09:22:27 AM 09/10/2024

LTE Band 48 16QAM BW=15MHz Channel=56665 RB Size=75 Position=#0



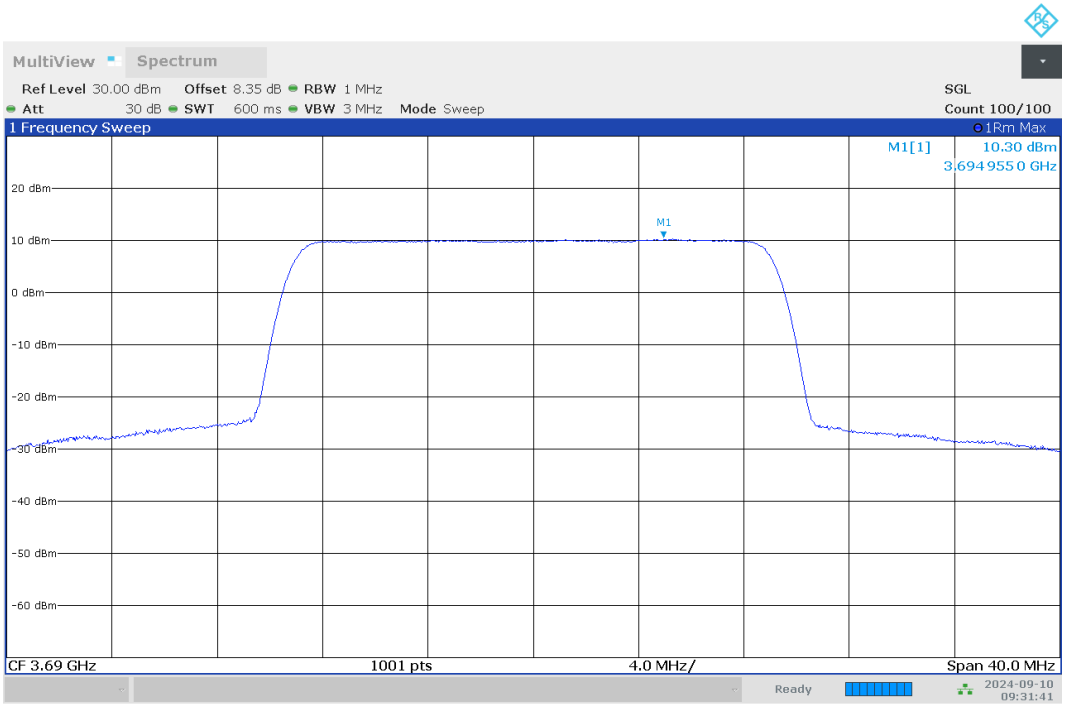
09:25:32 AM 09/10/2024

LTE Band 48 16QAM BW=20MHz Channel=55340 RB Size=100 Position=#0



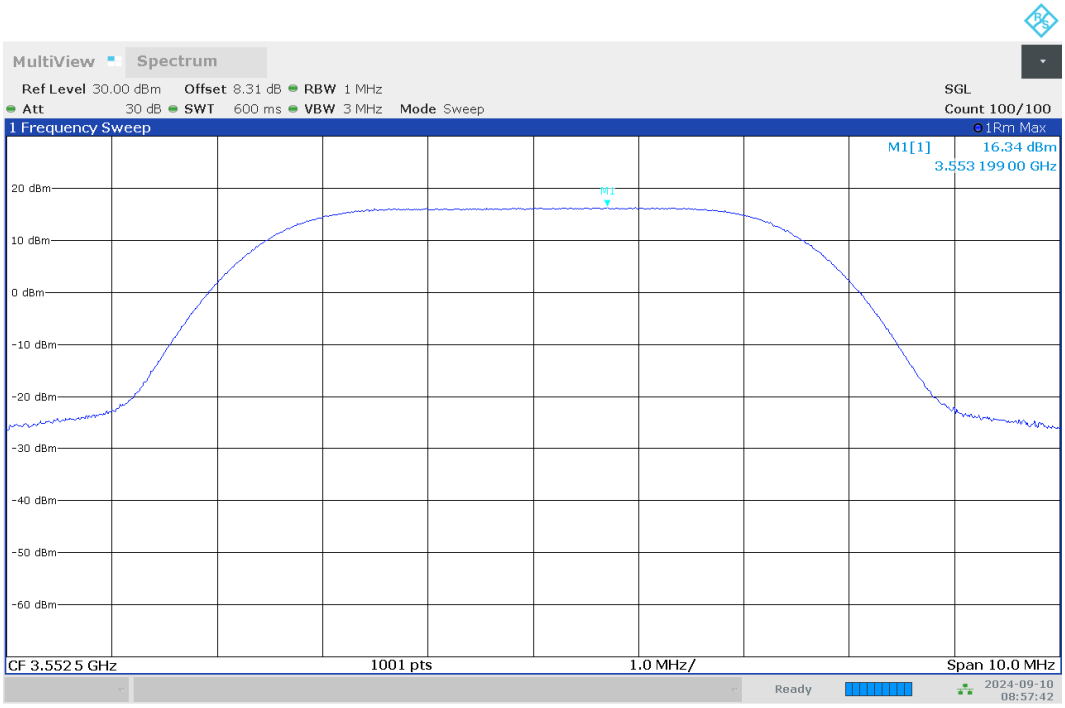
09:28:37 AM 09/10/2024

LTE Band 48 16QAM BW=20MHz Channel=55990 RB Size=100 Position=#0



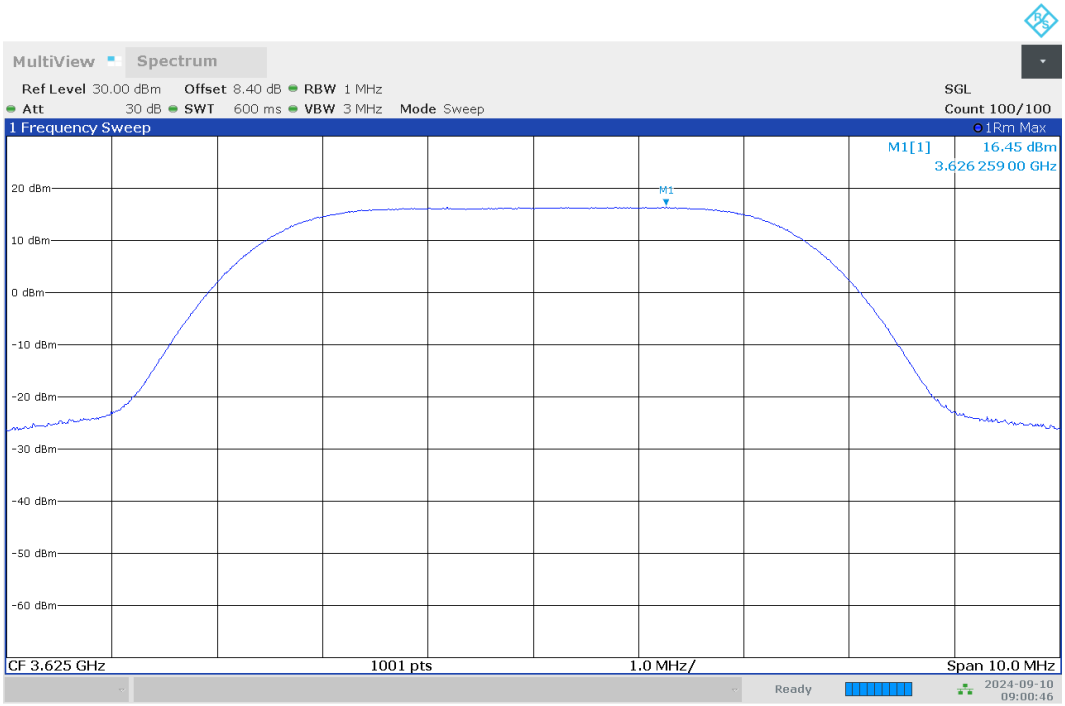
09:31:41 AM 09/10/2024

LTE Band 48 16QAM BW=20MHz Channel=56640 RB Size=100 Position=#0



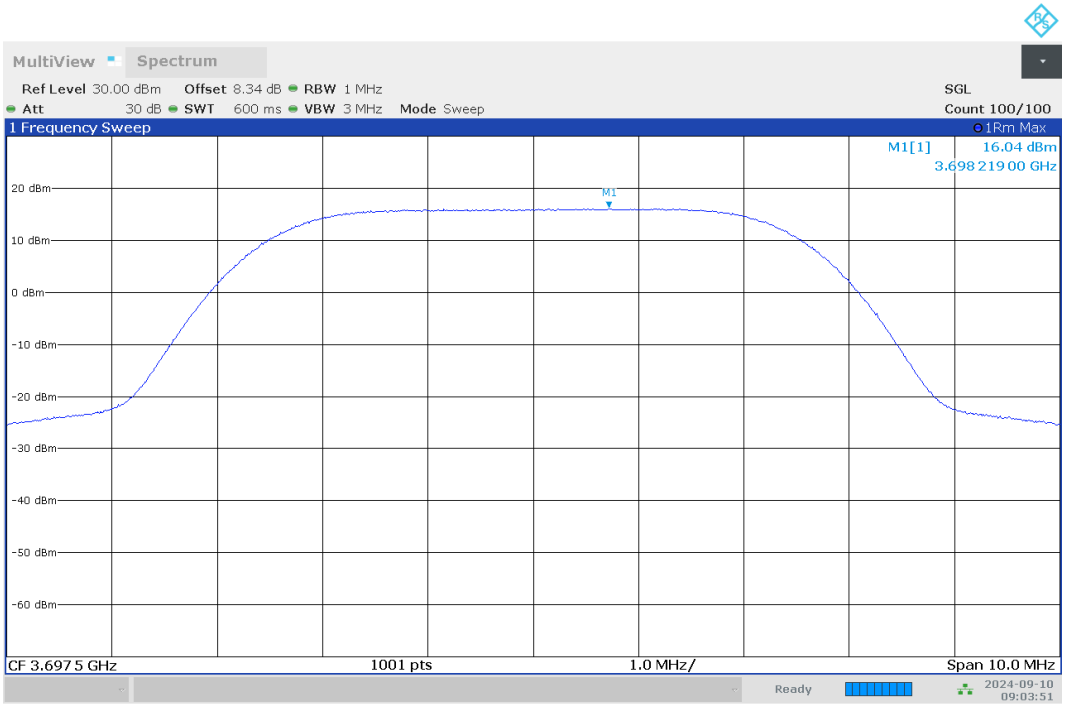
08:57:43 AM 09/10/2024

LTE Band 48 16QAM BW=5MHz Channel=55265 RB Size=25 Position=#0



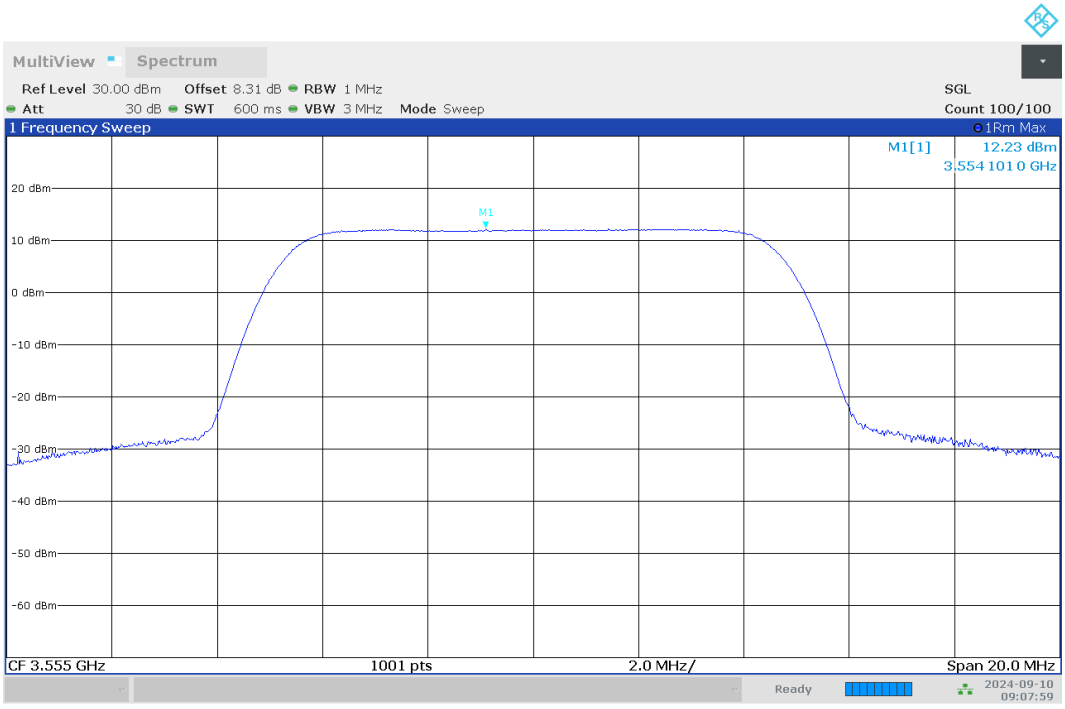
09:00:47 AM 09/10/2024

LTE Band 48 16QAM BW=5MHz Channel=55990 RB Size=25 Position=#0



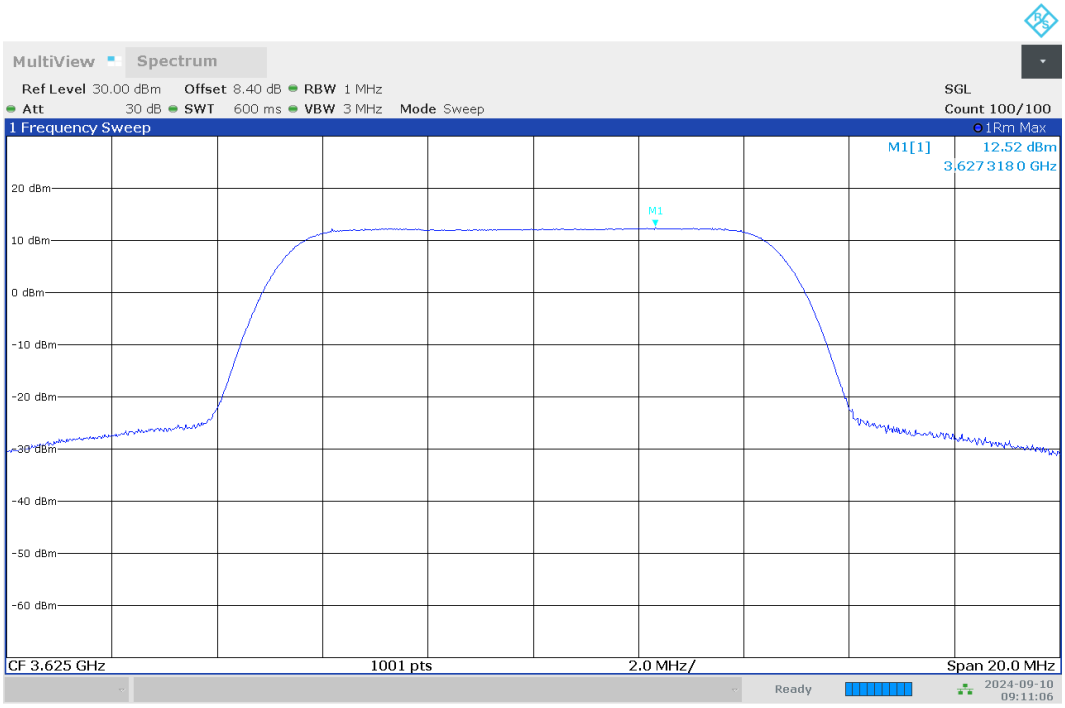
09:03:52 AM 09/10/2024

LTE Band 48 16QAM BW=5MHz Channel=56715 RB Size=25 Position=#0



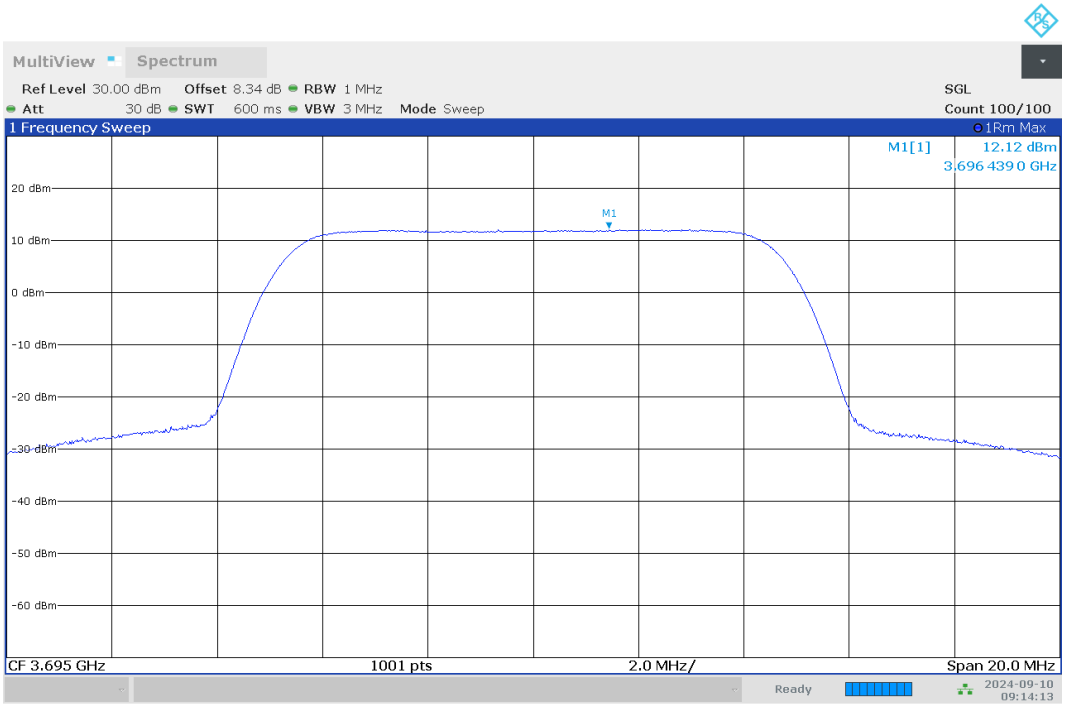
09:08:00 AM 09/10/2024

LTE Band 48 64QAM BW=10MHz Channel=55290 RB Size=50 Position=#0



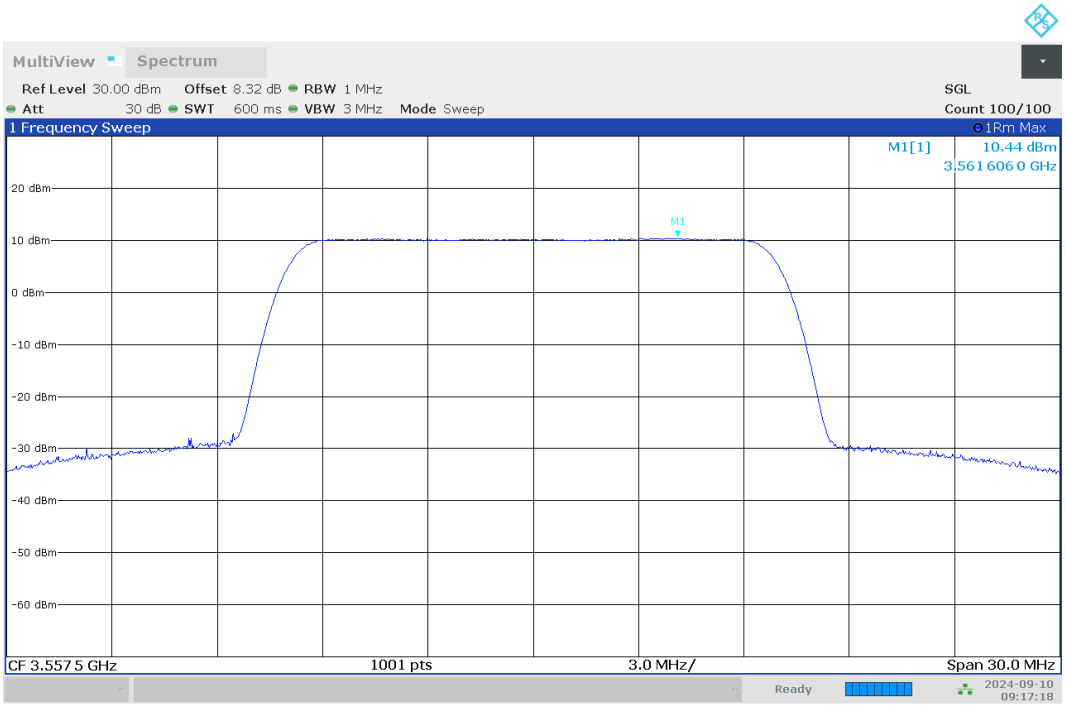
09:11:07 AM 09/10/2024

LTE Band 48 64QAM BW=10MHz Channel=55990 RB Size=50 Position=#0



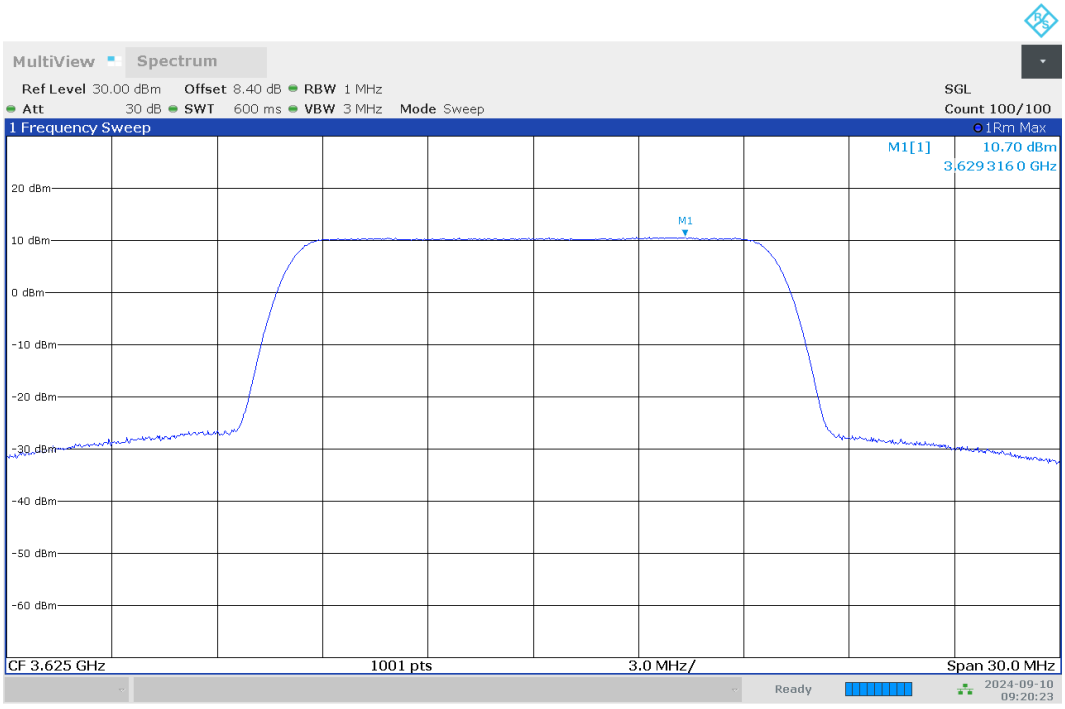
09:14:13 AM 09/10/2024

LTE Band 48 64QAM BW=10MHz Channel=56690 RB Size=50 Position=#0



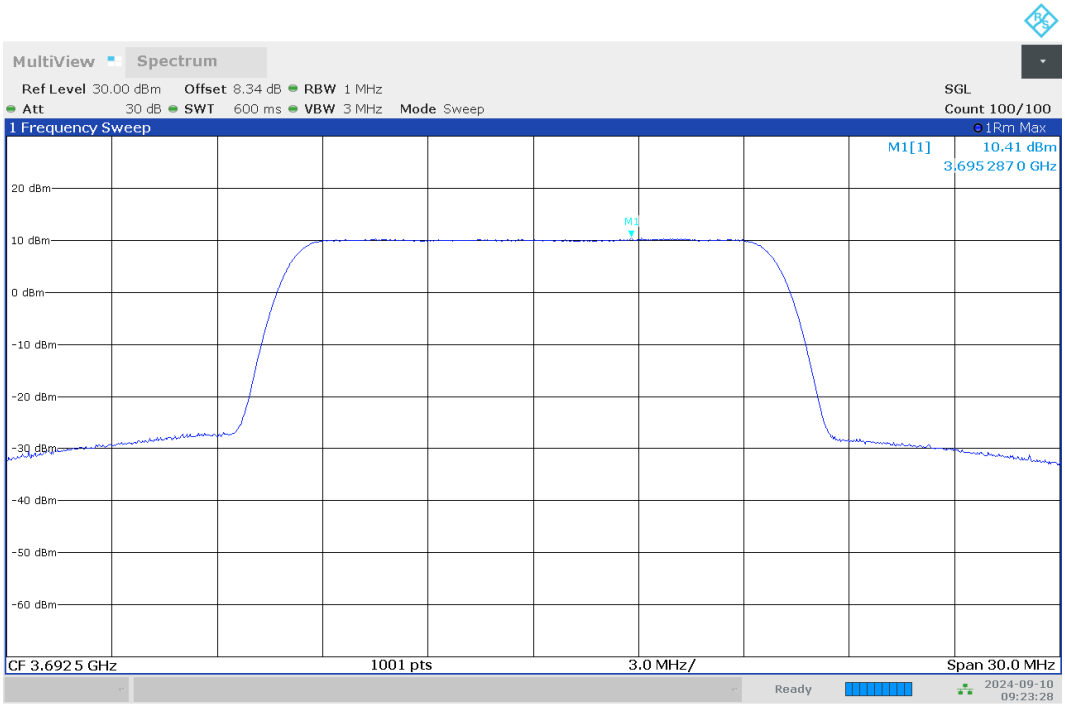
09:17:19 AM 09/10/2024

LTE Band 48 64QAM BW=15MHz Channel=55315 RB Size=75 Position=#0



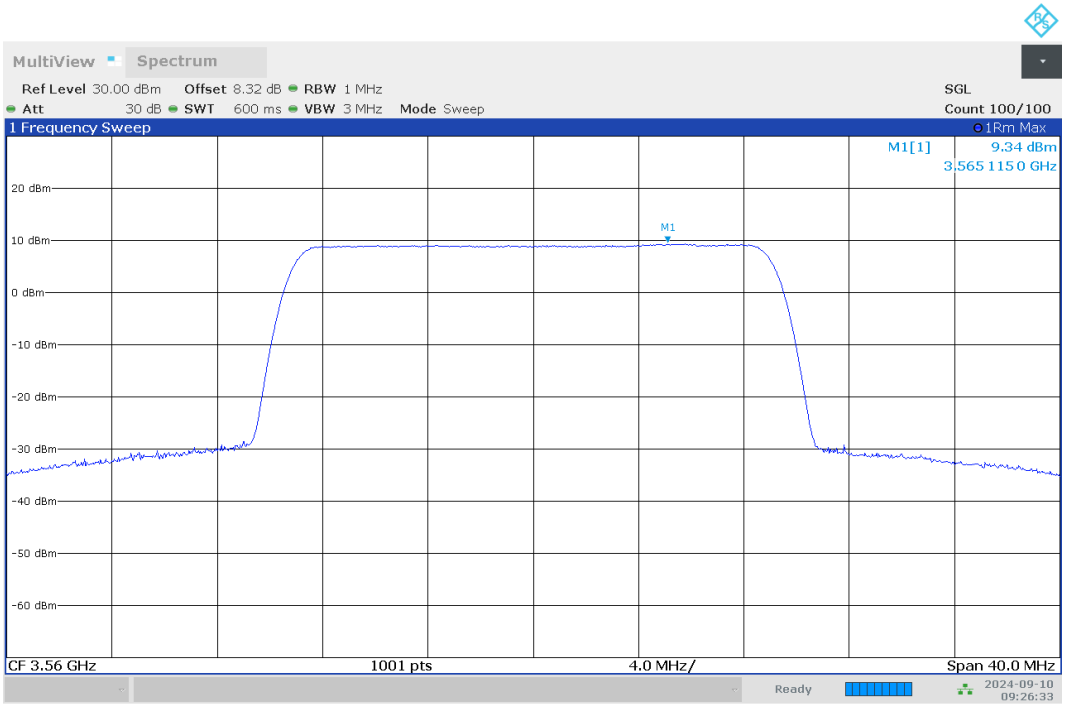
09:20:23 AM 09/10/2024

LTE Band 48 64QAM BW=15MHz Channel=55990 RB Size=75 Position=#0



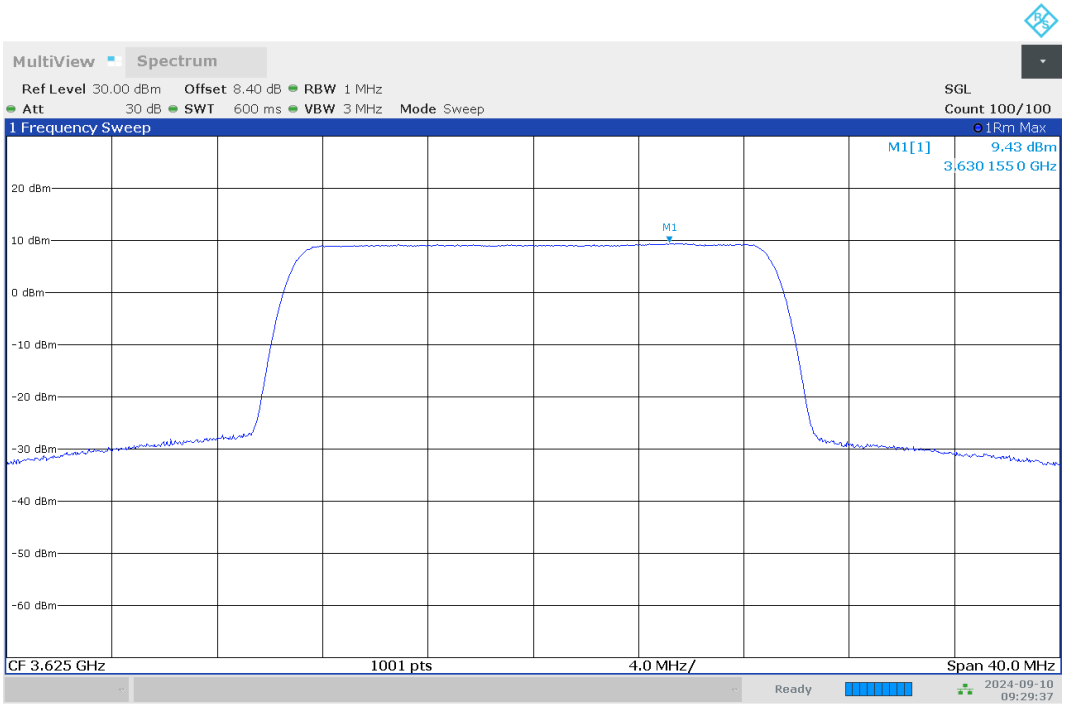
09:23:28 AM 09/10/2024

LTE Band 48 64QAM BW=15MHz Channel=56665 RB Size=75 Position=#0



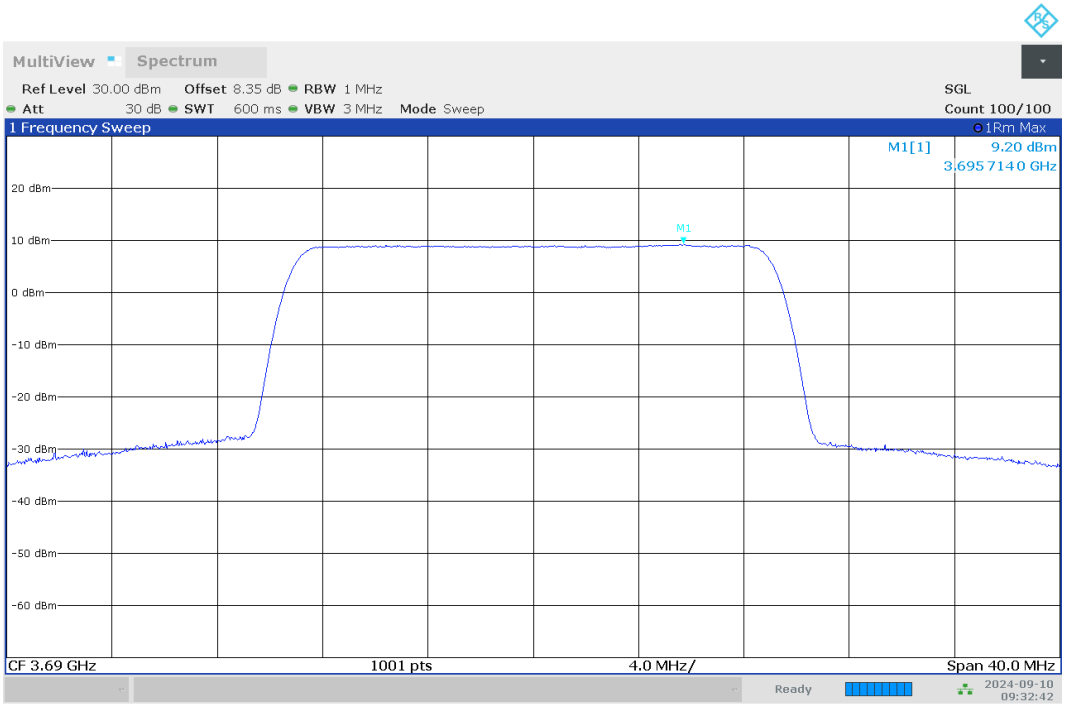
09:26:33 AM 09/10/2024

LTE Band 48 64QAM BW=20MHz Channel=55340 RB Size=100 Position=#0



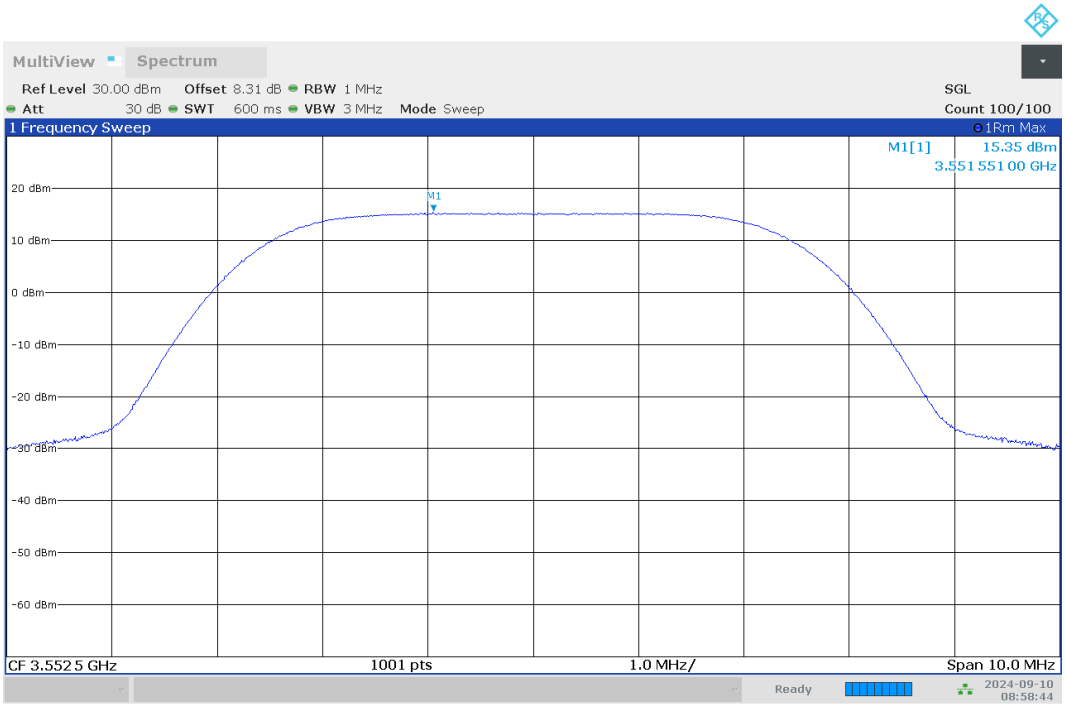
09:29:38 AM 09/10/2024

LTE Band 48 64QAM BW=20MHz Channel=55990 RB Size=100 Position=#0



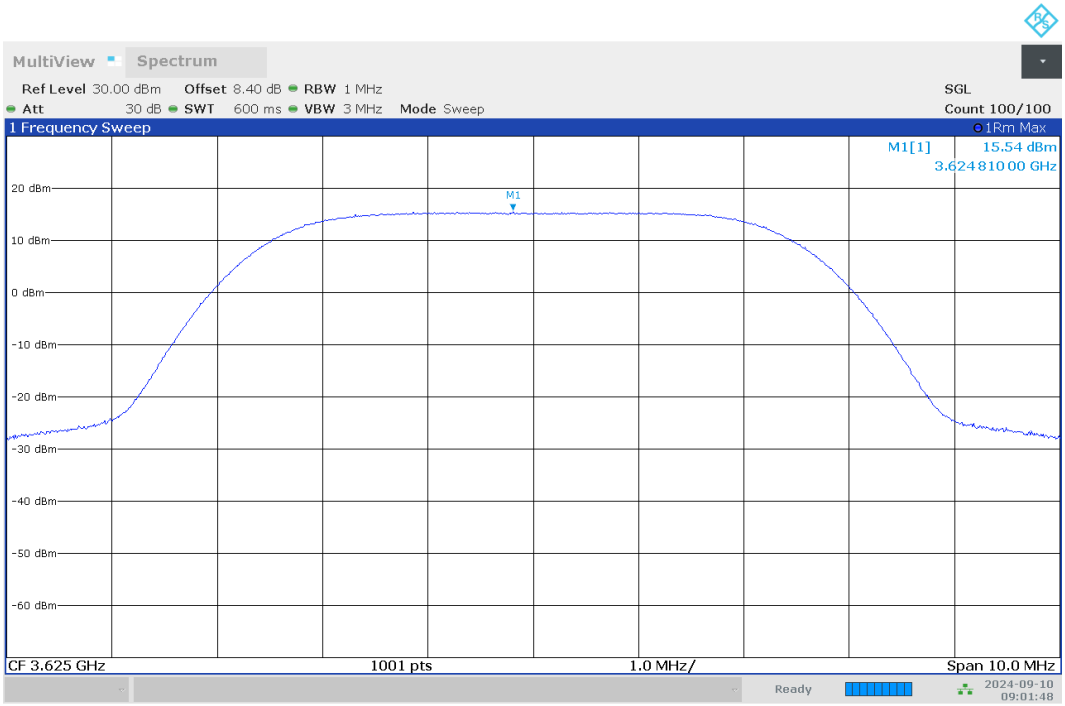
09:32:43 AM 09/10/2024

LTE Band 48 64QAM BW=20MHz Channel=56640 RB Size=100 Position=#0



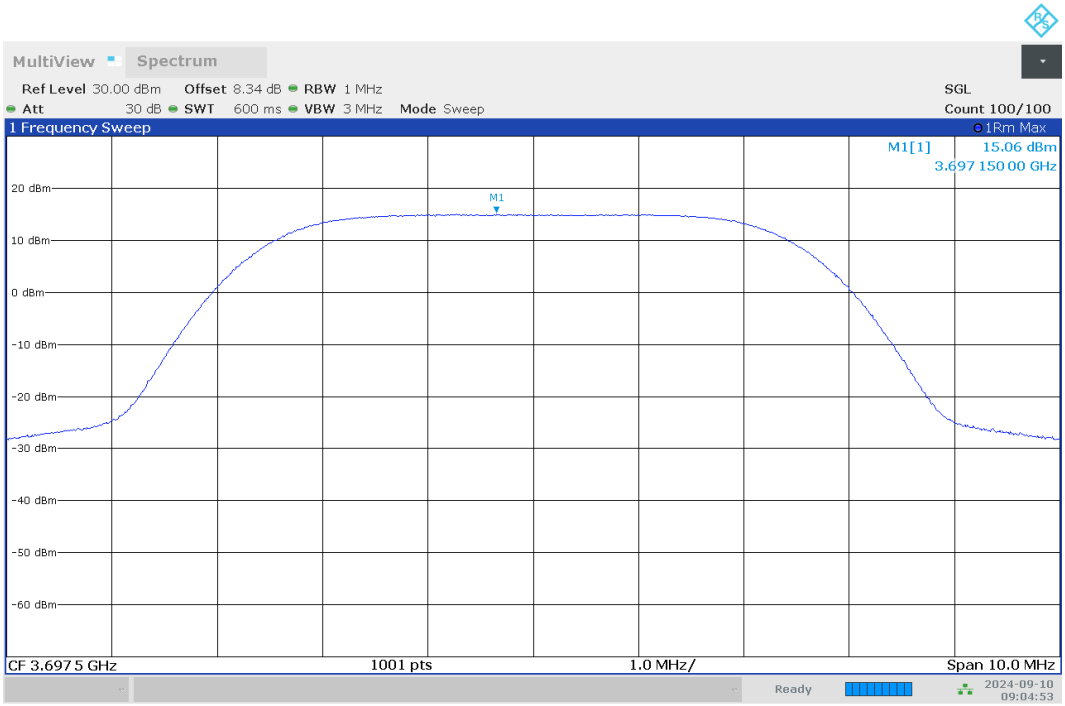
08:58:44 AM 09/10/2024

LTE Band 48 64QAM BW=5MHz Channel=55265 RB Size=25 Position=#0



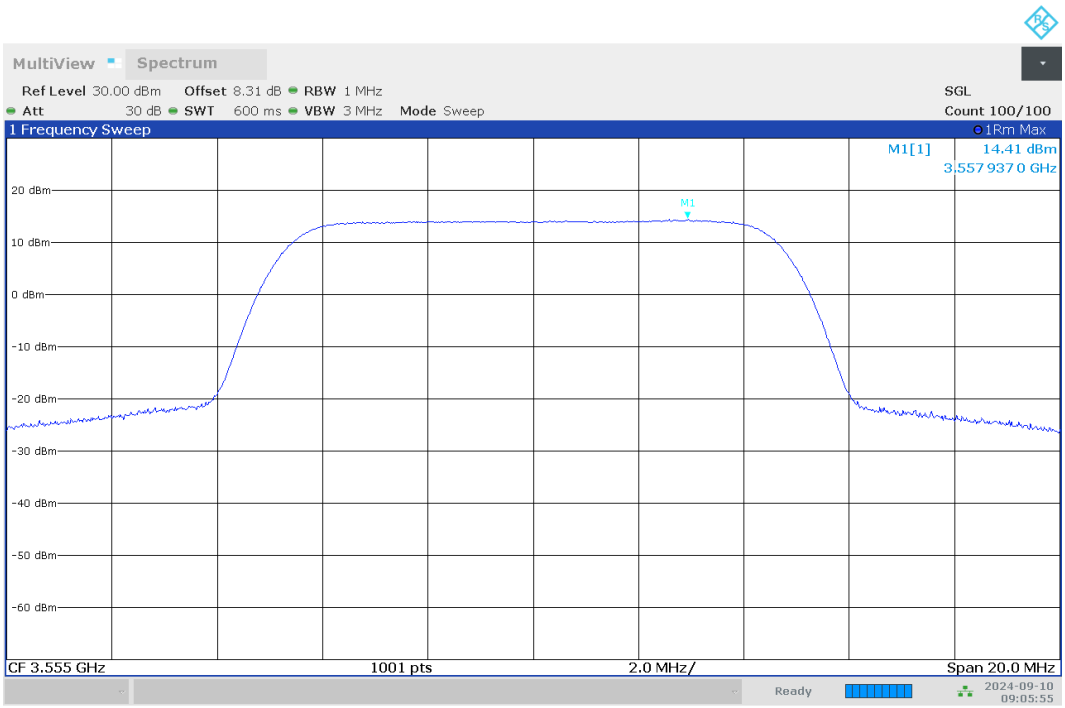
09:01:49 AM 09/10/2024

LTE Band 48 64QAM BW=5MHz Channel=55990 RB Size=25 Position=#0



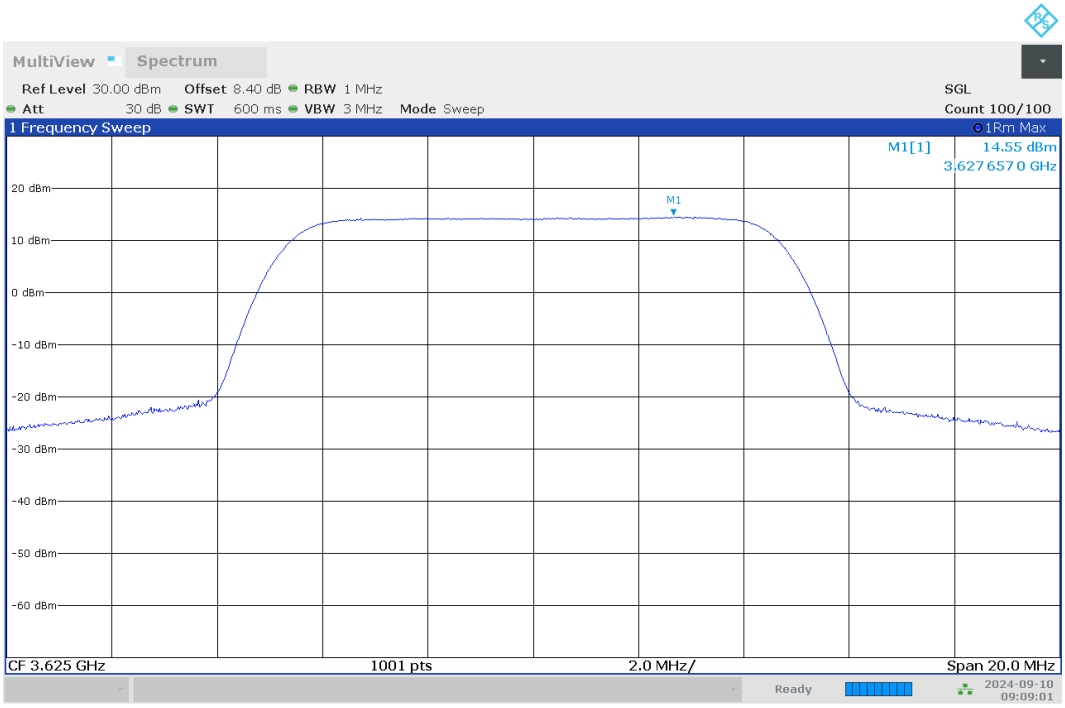
09:04:53 AM 09/10/2024

LTE Band 48 64QAM BW=5MHz Channel=56715 RB Size=25 Position=#0



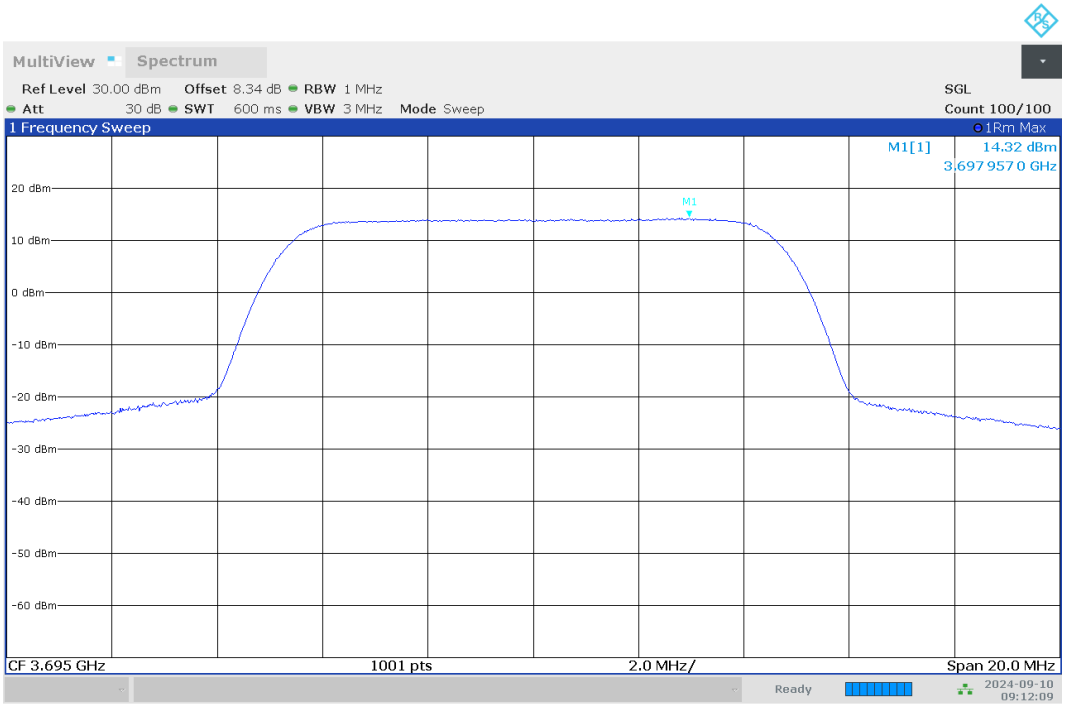
09:05:56 AM 09/10/2024

LTE Band 48 QPSK BW=10MHz Channel=55290 RB Size=50 Position=#0



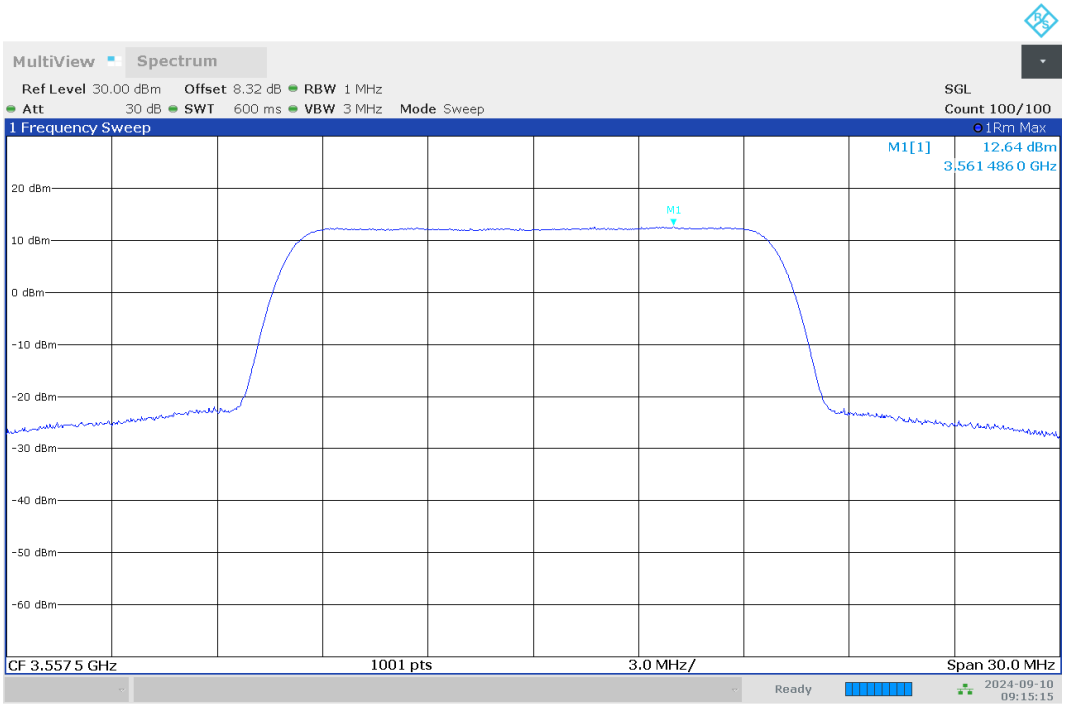
09:09:02 AM 09/10/2024

LTE Band 48 QPSK BW=10MHz Channel=55990 RB Size=50 Position=#0



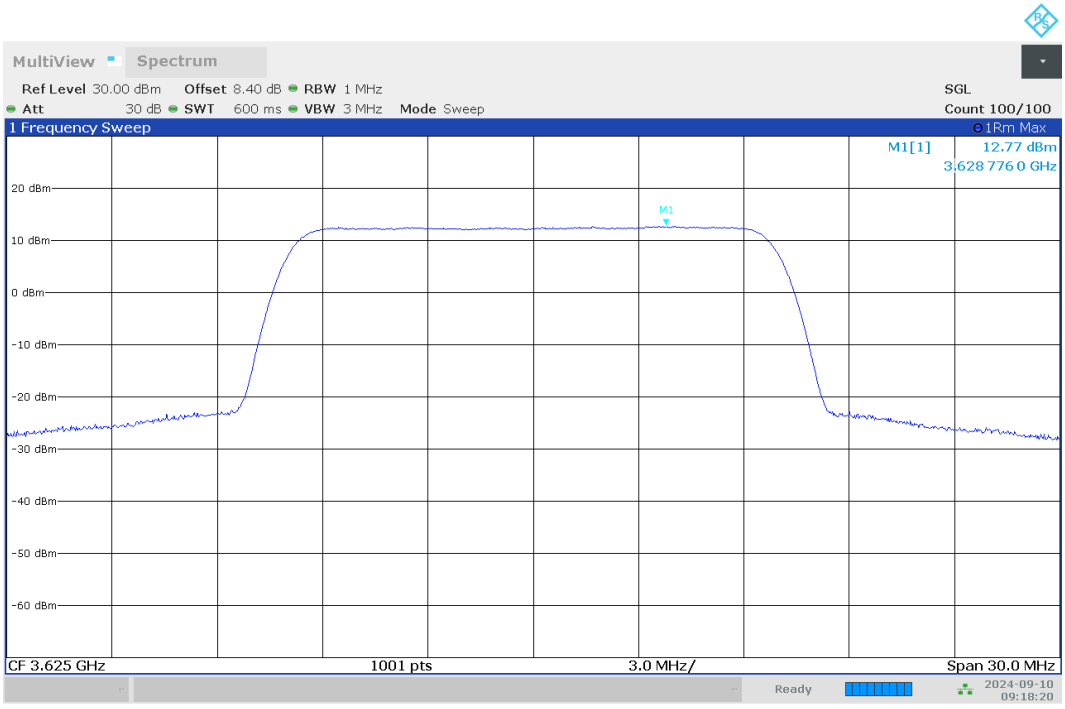
09:12:09 AM 09/10/2024

LTE Band 48 QPSK BW=10MHz Channel=56690 RB Size=50 Position=#0



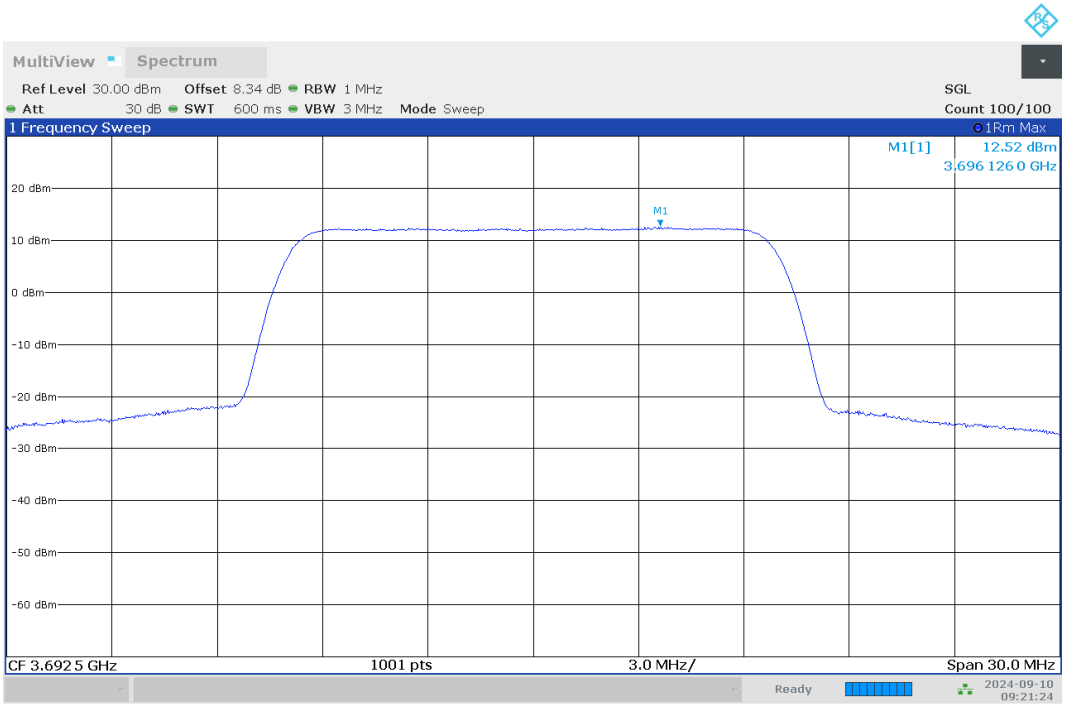
09:15:16 AM 09/10/2024

LTE Band 48 QPSK BW=15MHz Channel=55315 RB Size=75 Position=#0



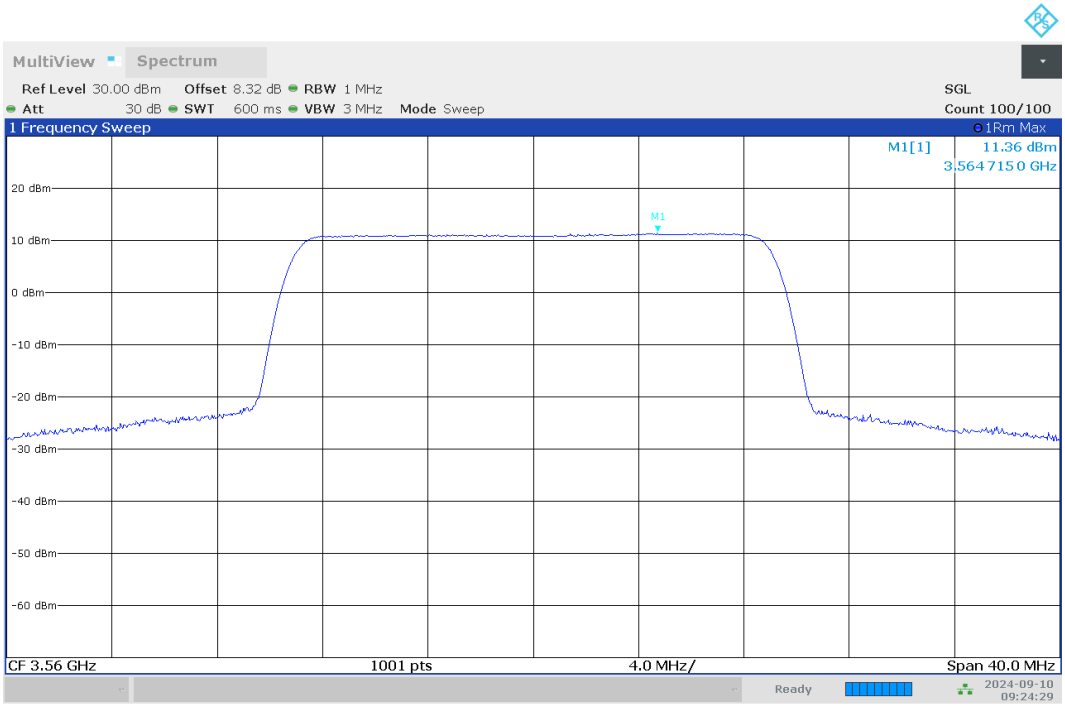
09:18:20 AM 09/10/2024

LTE Band 48 QPSK BW=15MHz Channel=55990 RB Size=75 Position=#0



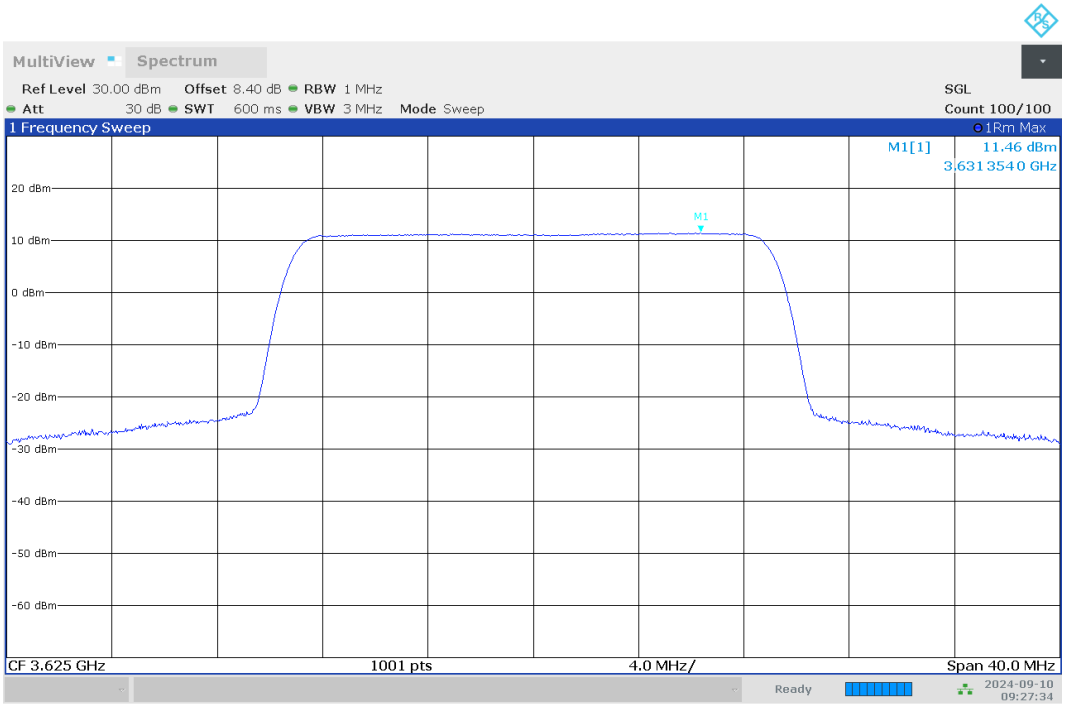
09:21:25 AM 09/10/2024

LTE Band 48 QPSK BW=15MHz Channel=56665 RB Size=75 Position=#0



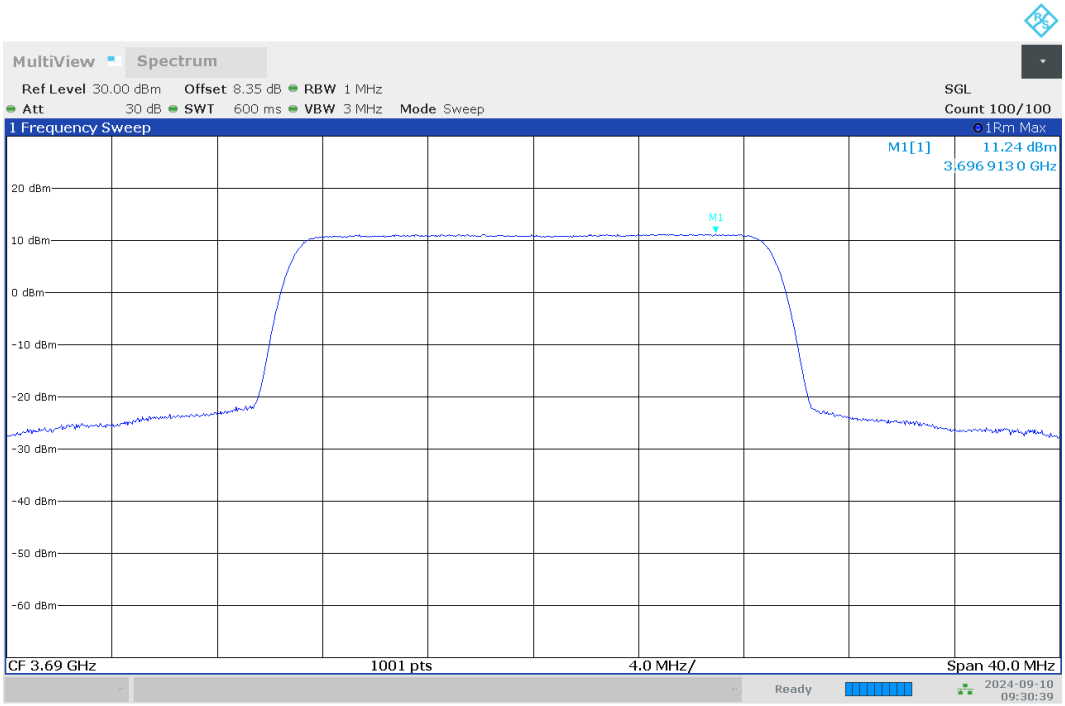
09:24:30 AM 09/10/2024

LTE Band 48 QPSK BW=20MHz Channel=55340 RB Size=100 Position=#0



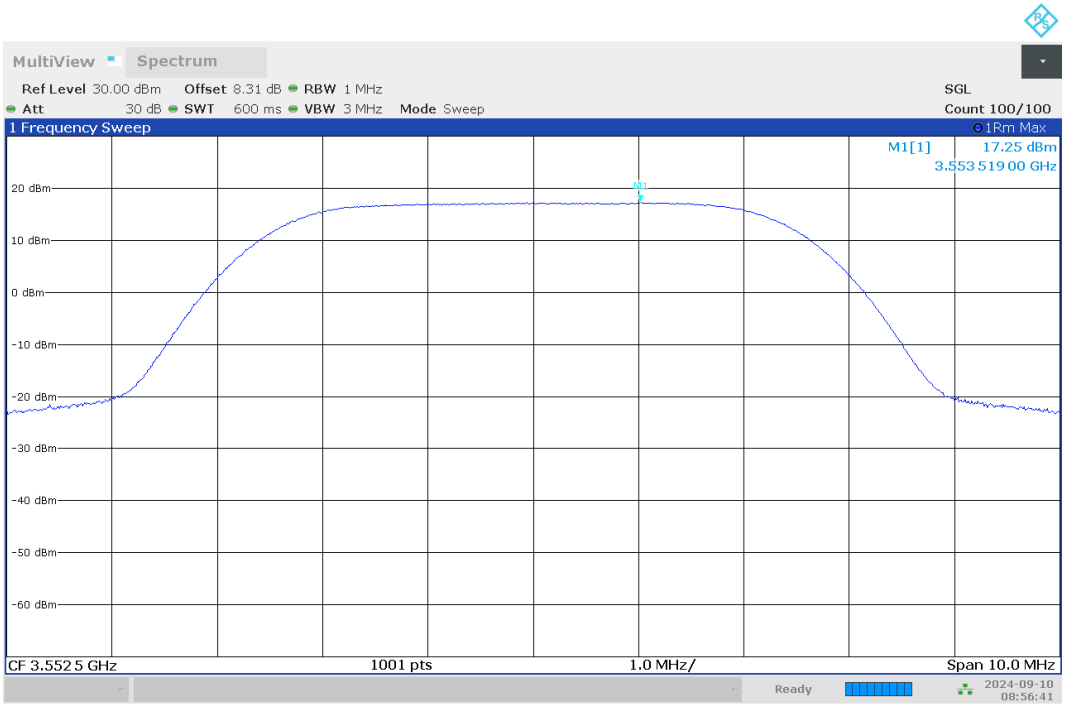
09:27:35 AM 09/10/2024

LTE Band 48 QPSK BW=20MHz Channel=55990 RB Size=100 Position=#0



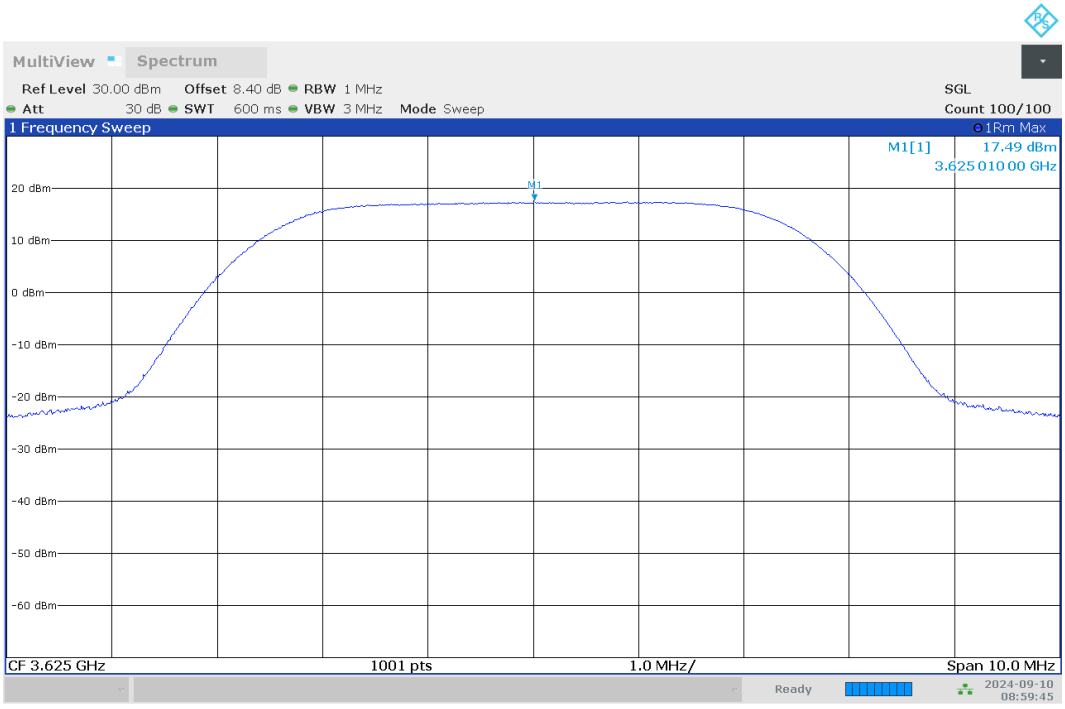
09:30:40 AM 09/10/2024

LTE Band 48 QPSK BW=20MHz Channel=56640 RB Size=100 Position=#0



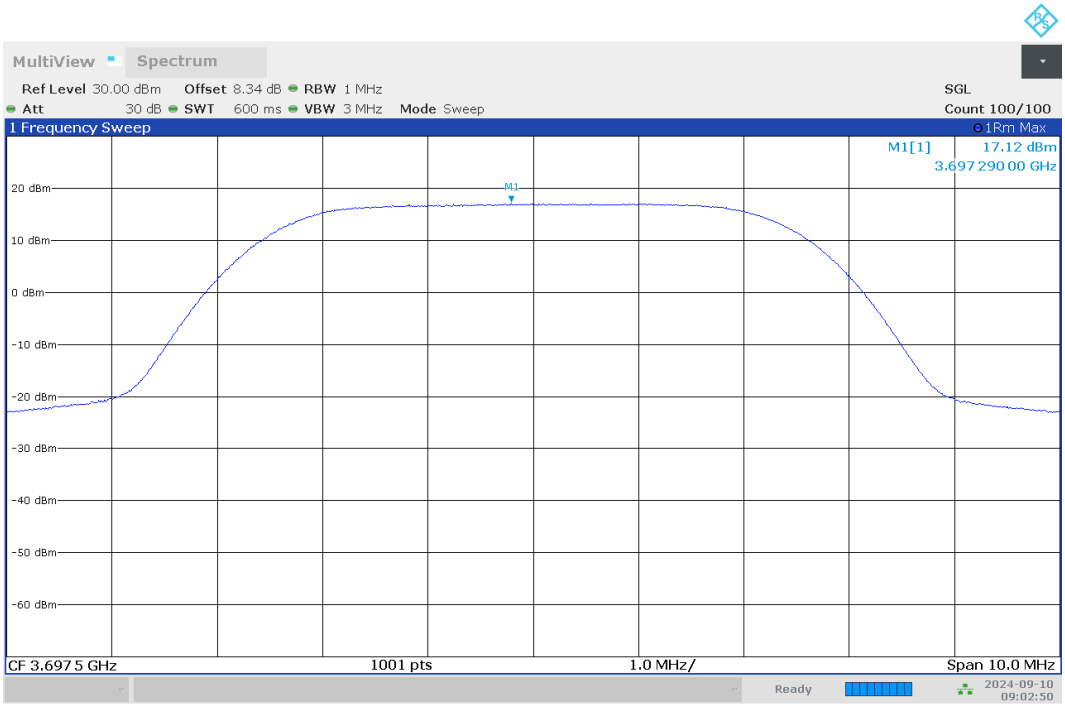
08:56:42 AM 09/10/2024

LTE Band 48 QPSK BW=5MHz Channel=55265 RB Size=25 Position=#0



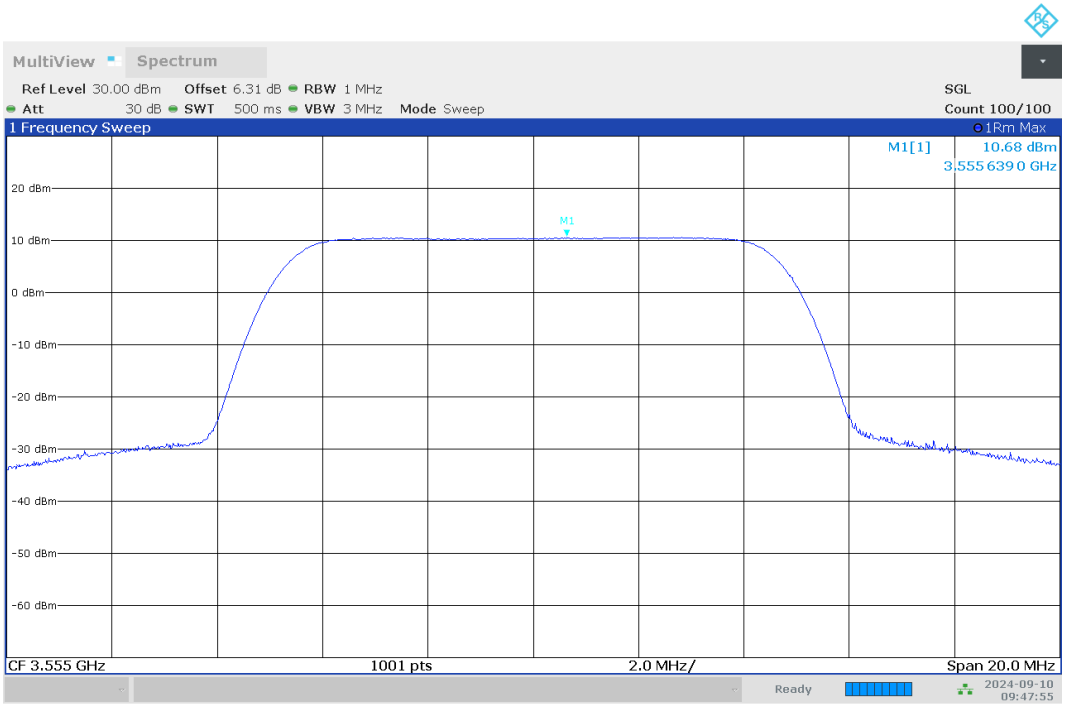
08:59:46 AM 09/10/2024

LTE Band 48 QPSK BW=5MHz Channel=55990 RB Size=25 Position=#0



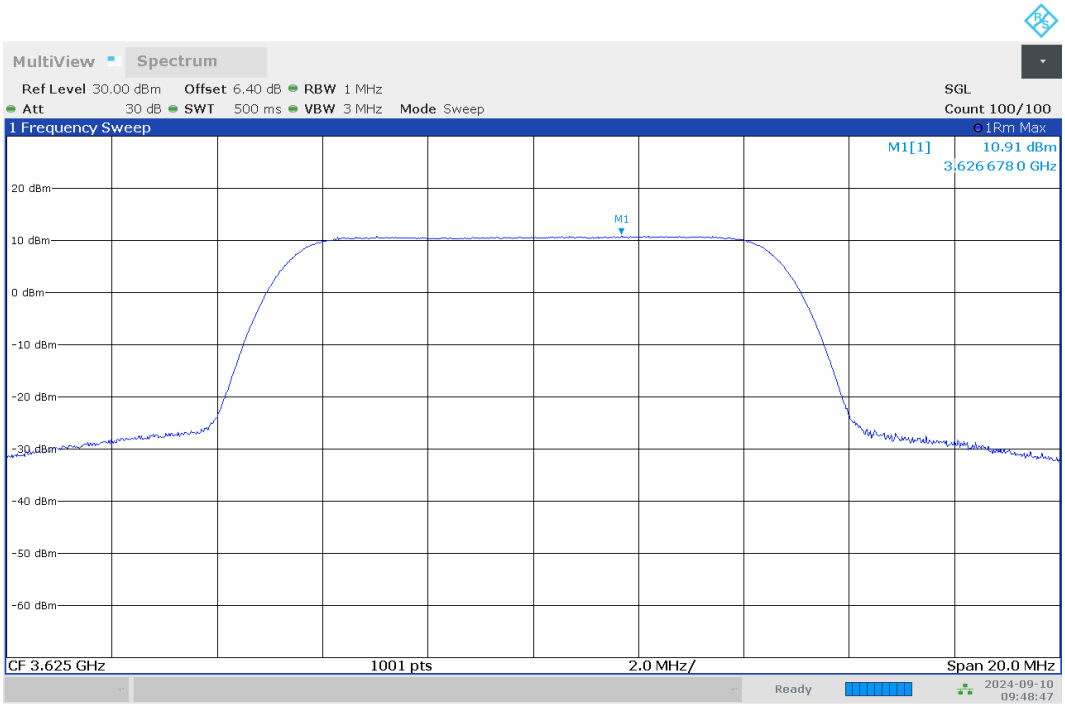
09:02:50 AM 09/10/2024

LTE Band 48 QPSK BW=5MHz Channel=56715 RB Size=25 Position=#0



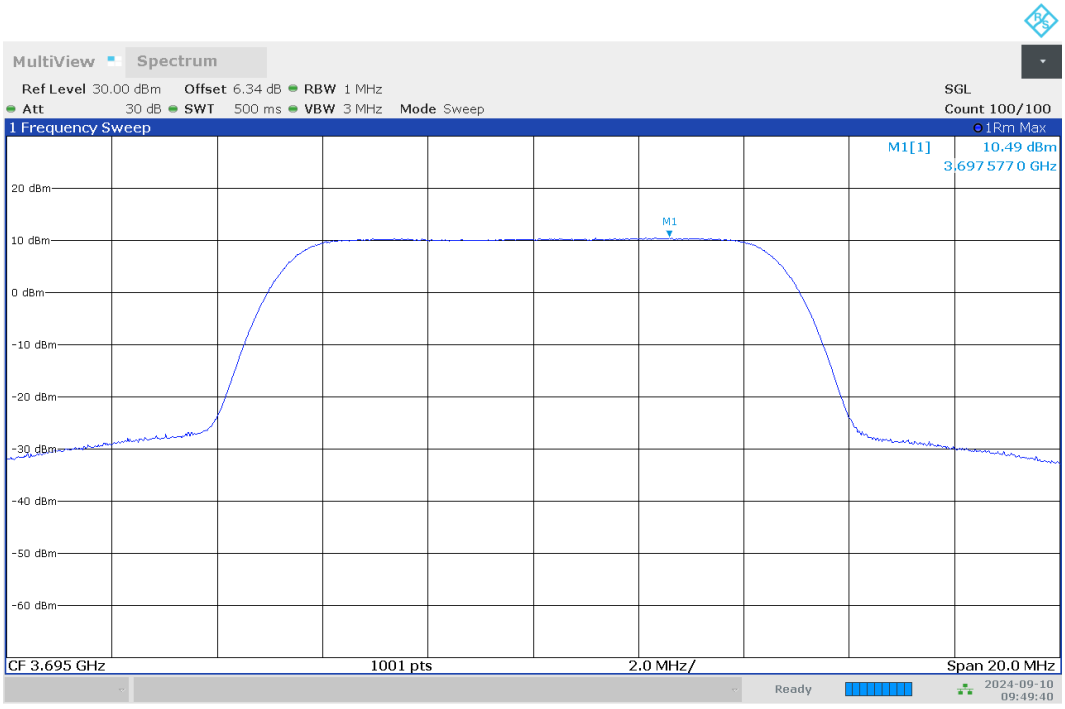
09:47:56 AM 09/10/2024

LTE Band 48 256QAM BW=10MHz Channel=55290 RB Size=50 Position=#0



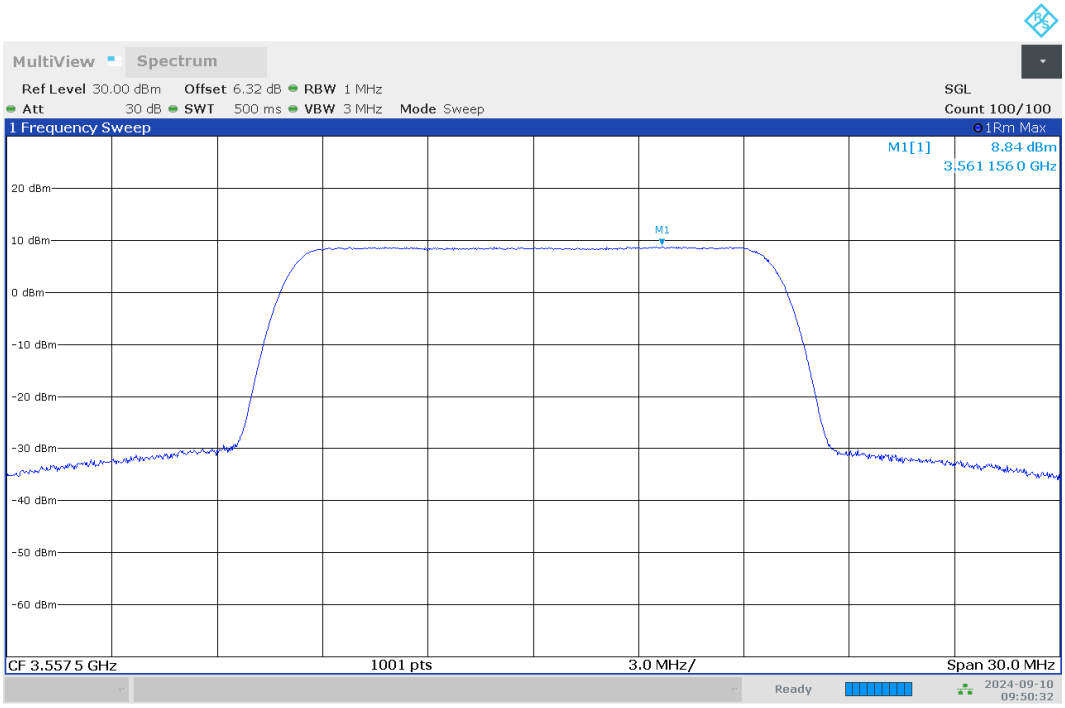
09:48:48 AM 09/10/2024

LTE Band 48 256QAM BW=10MHz Channel=55990 RB Size=50 Position=#0



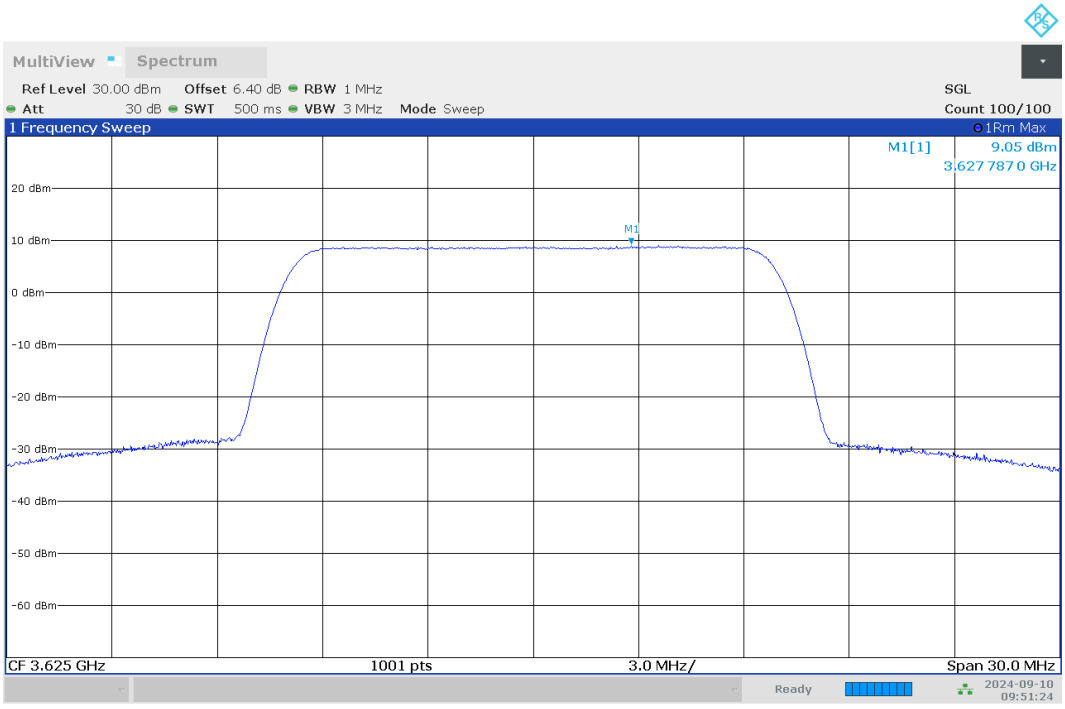
09:49:40 AM 09/10/2024

LTE Band 48 256QAM BW=10MHz Channel=56690 RB Size=50 Position=#0



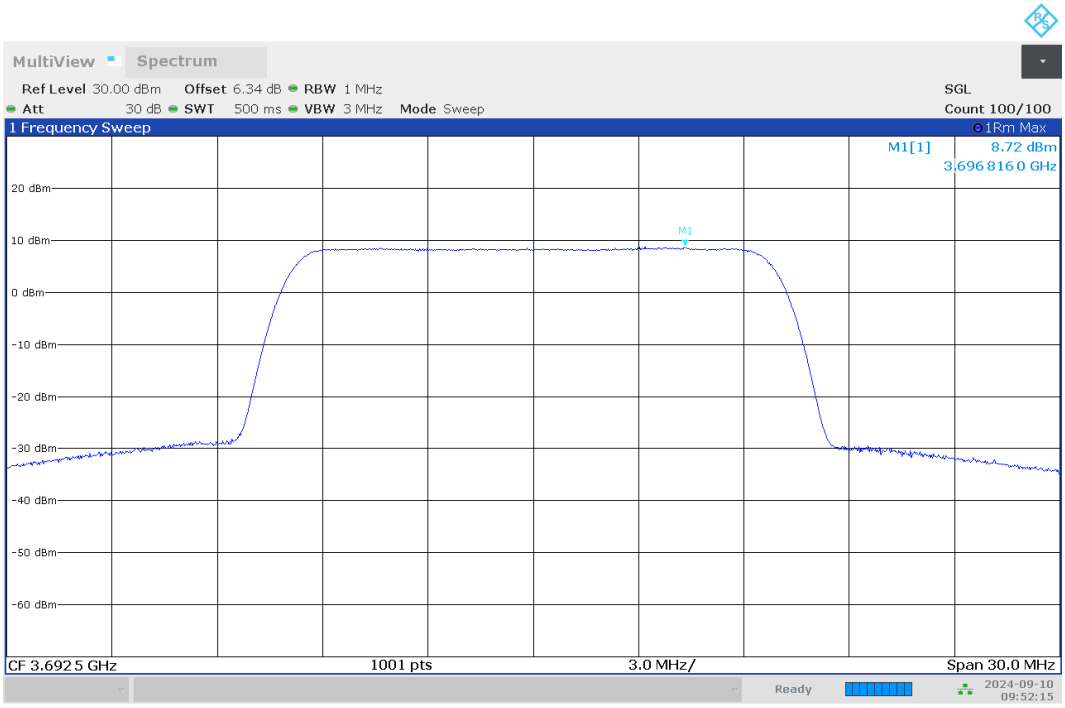
09:50:33 AM 09/10/2024

LTE Band 48 256QAM BW=15MHz Channel=55315 RB Size=75 Position=#0



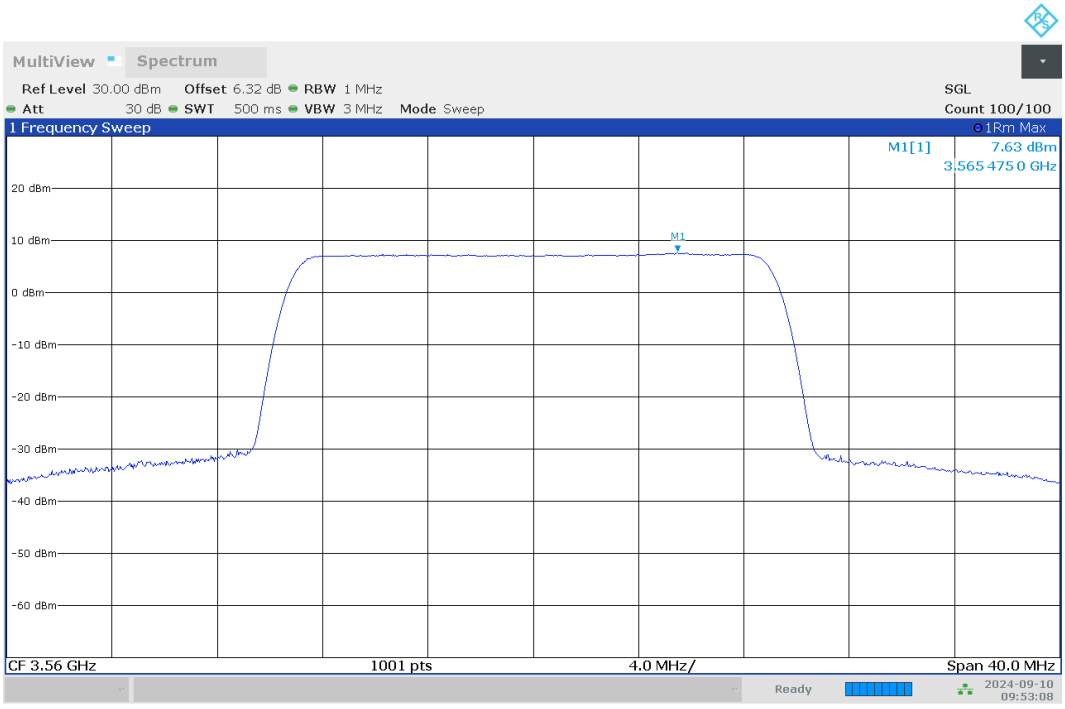
09:51:24 AM 09/10/2024

LTE Band 48 256QAM BW=15MHz Channel=55990 RB Size=75 Position=#0



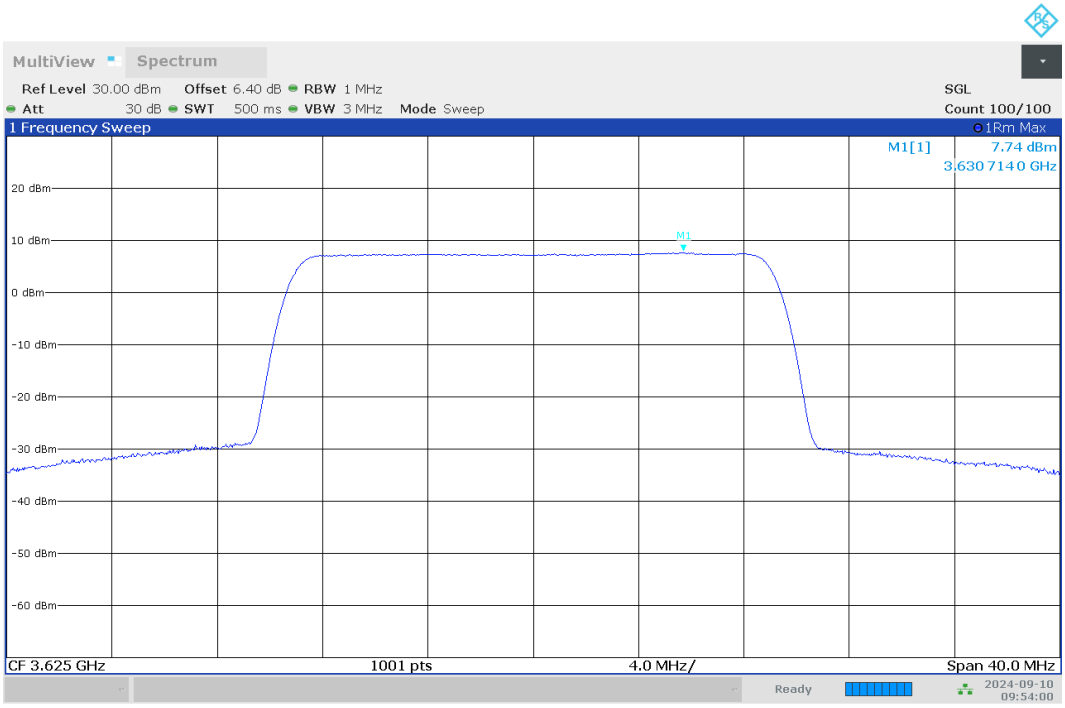
09:52:16 AM 09/10/2024

LTE Band 48 256QAM BW=15MHz Channel=56665 RB Size=75 Position=#0



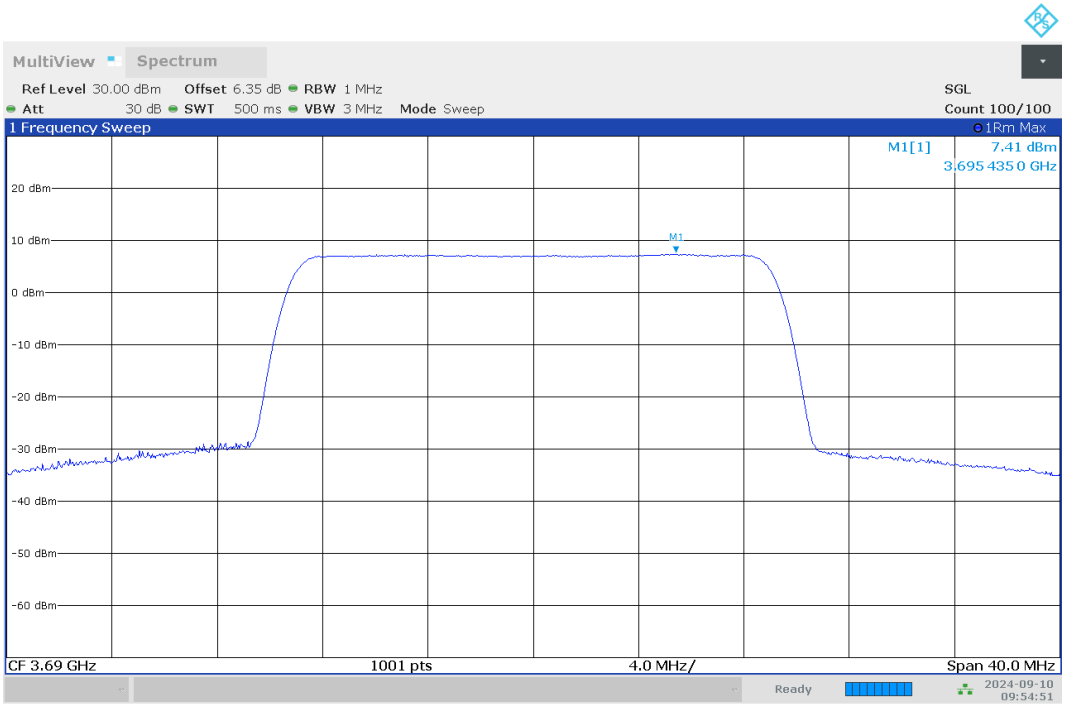
09:53:08 AM 09/10/2024

LTE Band 48 256QAM BW=20MHz Channel=55340 RB Size=100 Position=#0



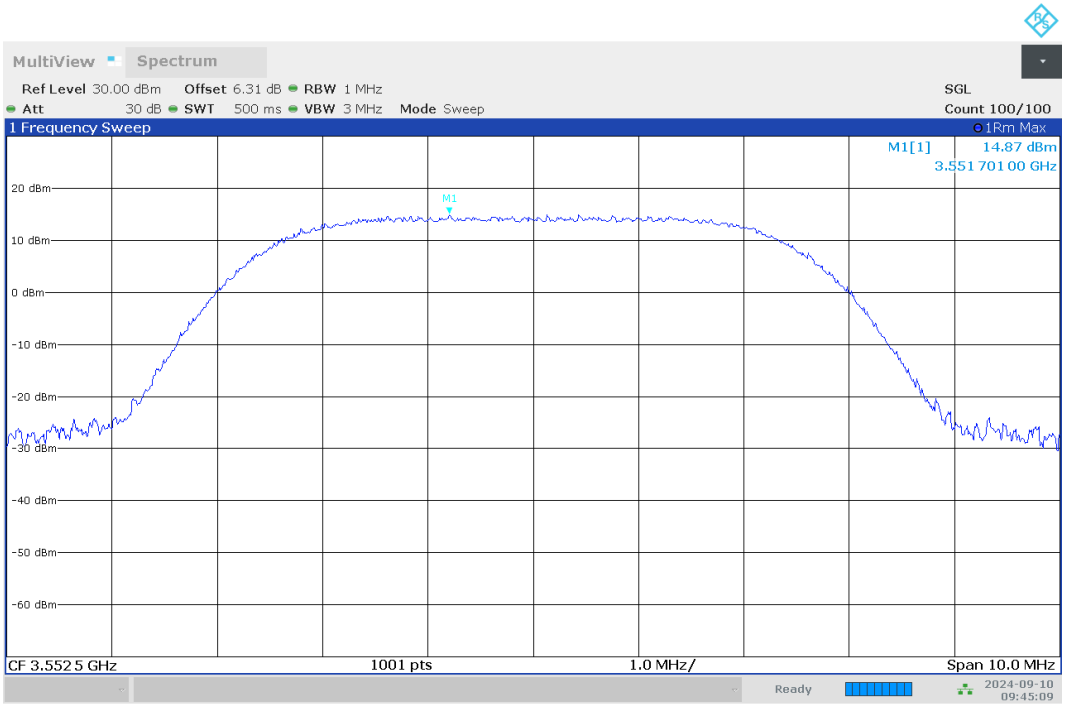
09:54:00 AM 09/10/2024

LTE Band 48 256QAM BW=20MHz Channel=55990 RB Size=100 Position=#0



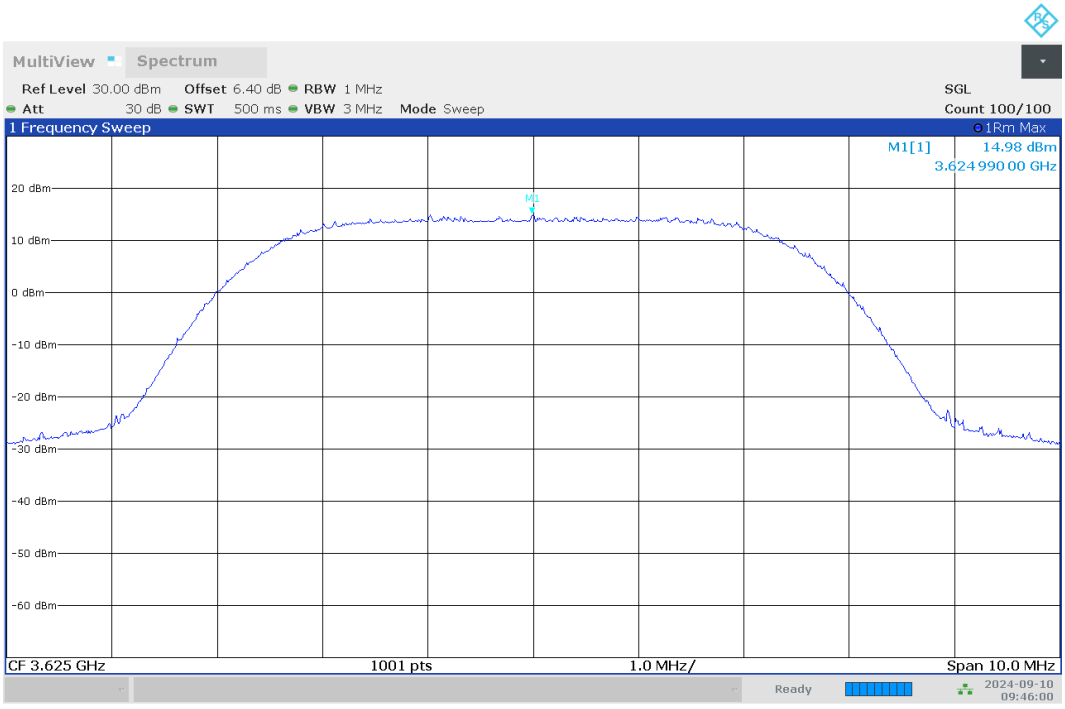
09:54:52 AM 09/10/2024

LTE Band 48 256QAM BW=20MHz Channel=56640 RB Size=100 Position=#0



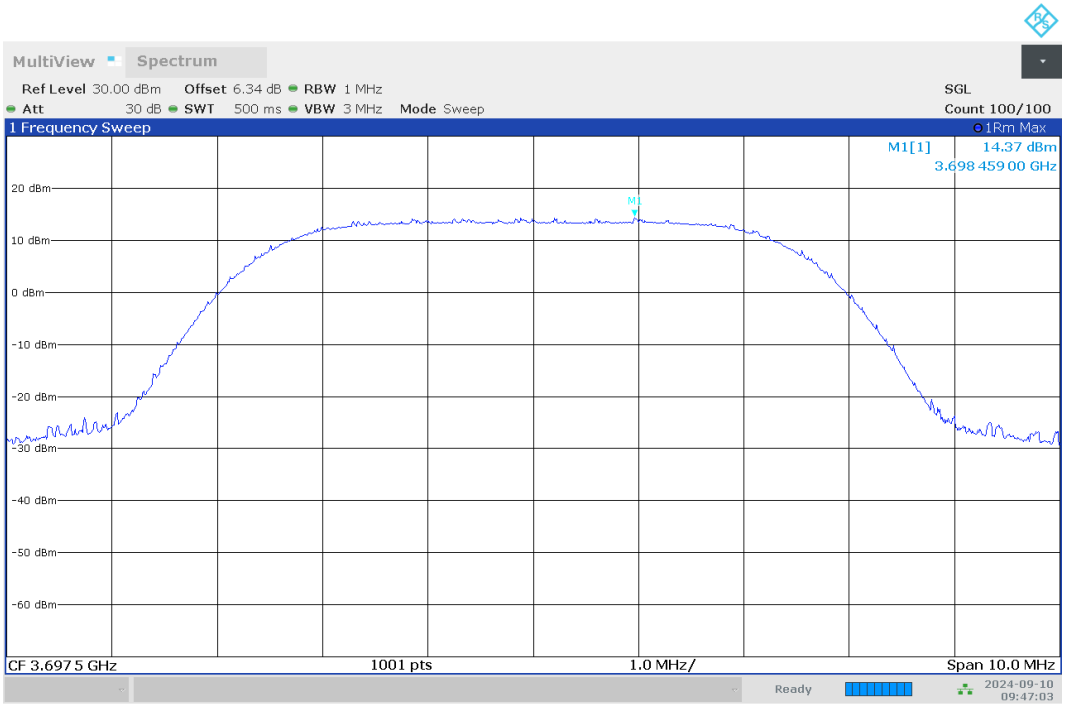
09:45:10 AM 09/10/2024

LTE Band 48 256QAM BW=5MHz Channel=55265 RB Size=25 Position=#0



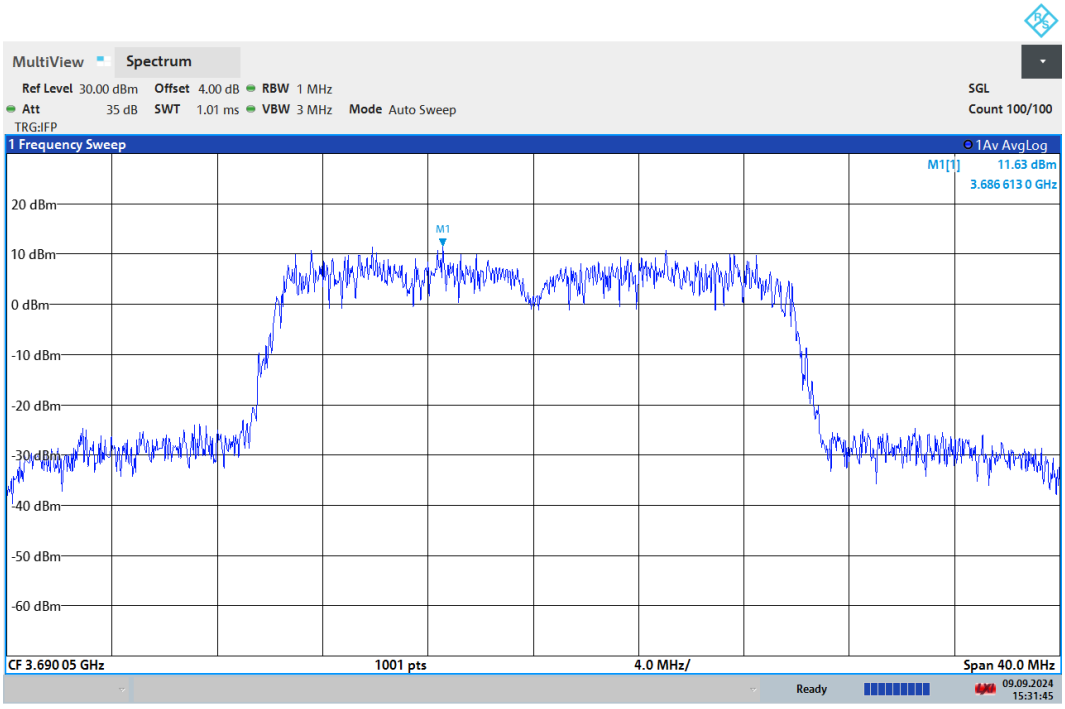
09:46:01 AM 09/10/2024

LTE Band 48 256QAM BW=5MHz Channel=55990 RB Size=25 Position=#0



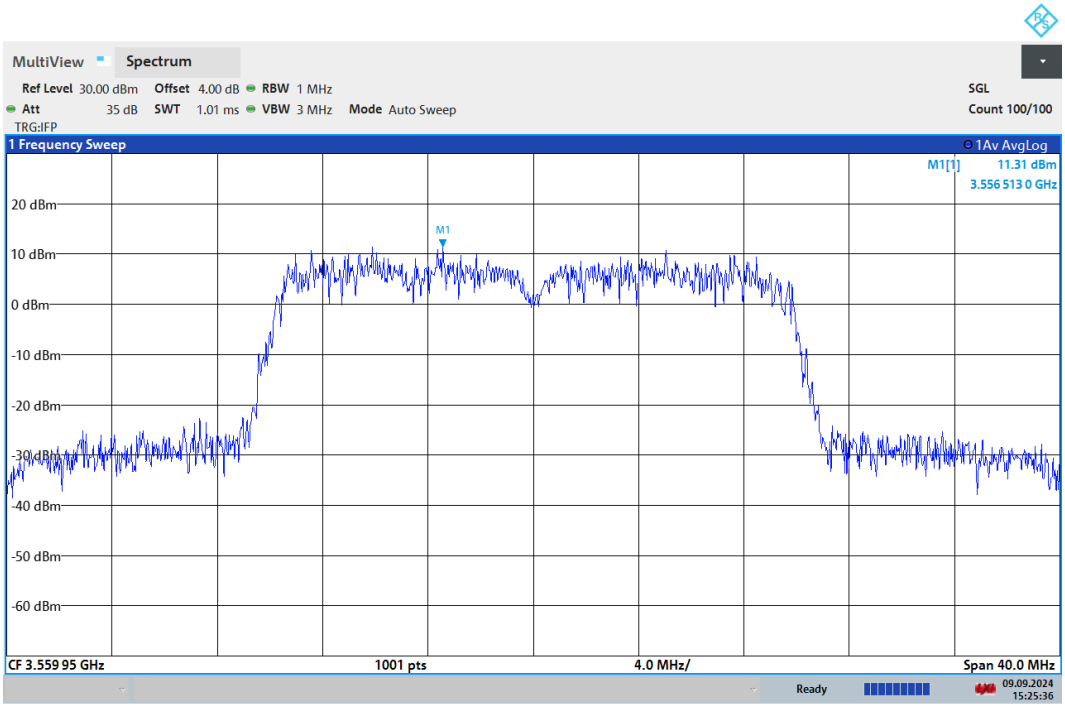
09:47:03 AM 09/10/2024

LTE Band 48 256QAM BW=5MHz Channel=56715 RB Size=25 Position=#0



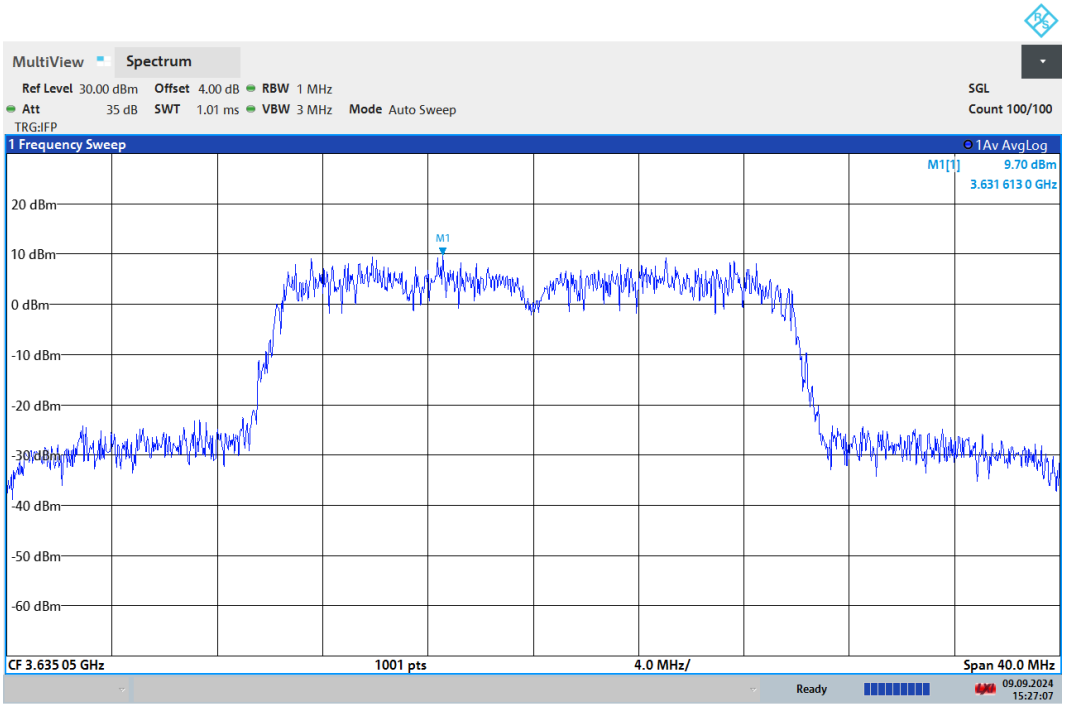
15:31:45 09.09.2024

CA_48B QPSK\10MHz+10MHz High



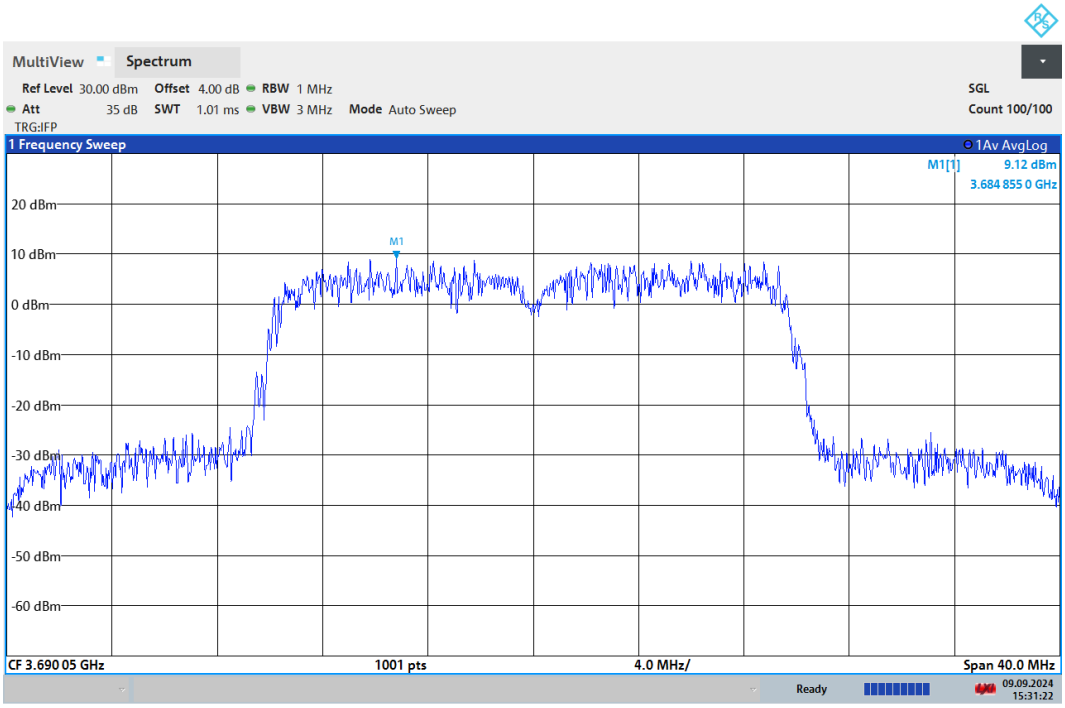
15:25:37 09.09.2024

CA_48B QPSK\10MHz+10MHz Low



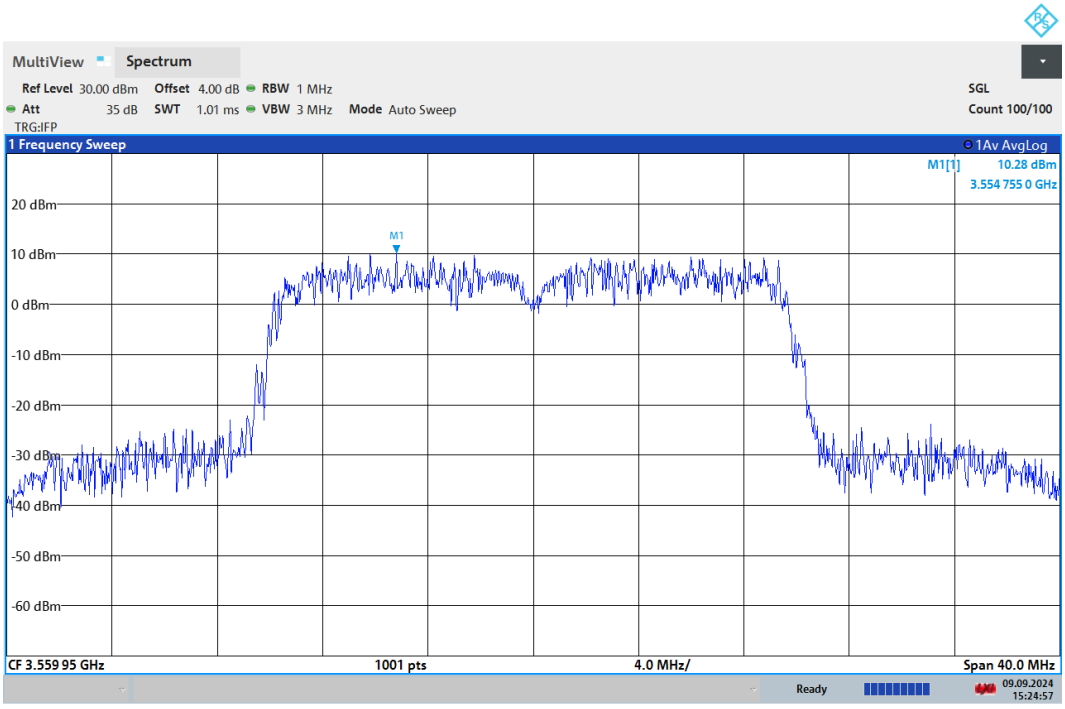
15:27:08 09.09.2024

CA_48B QPSK\10MHz+10MHz Middle



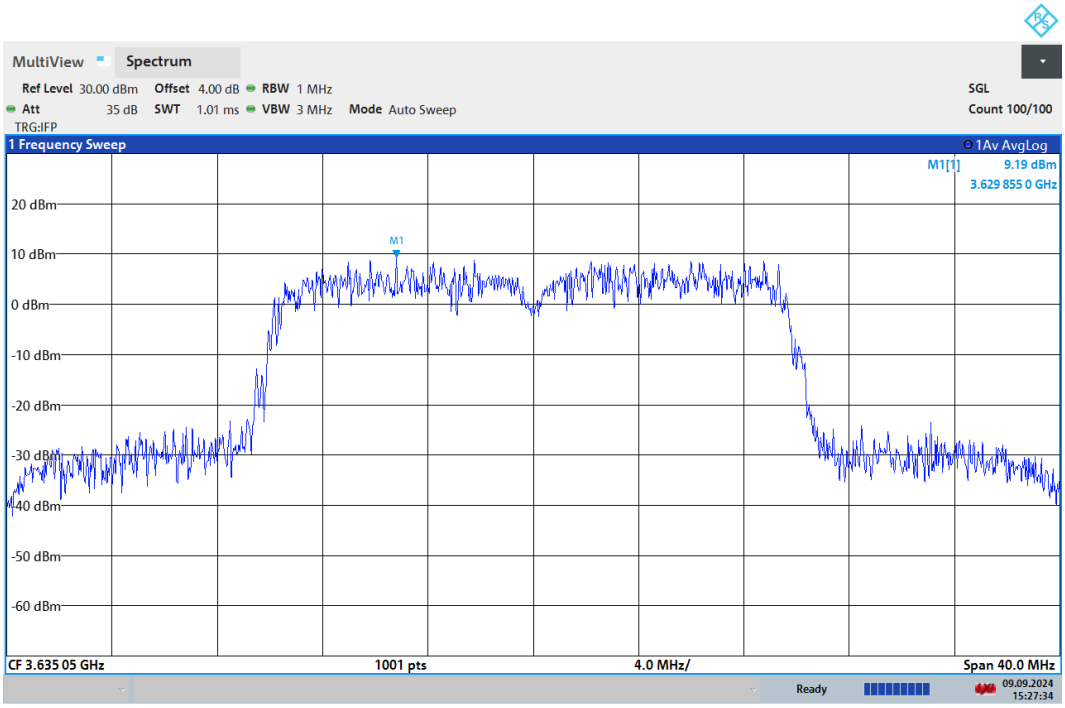
15:31:23 09.09.2024

CA_48B 16QAM\10MHz+10MHz High



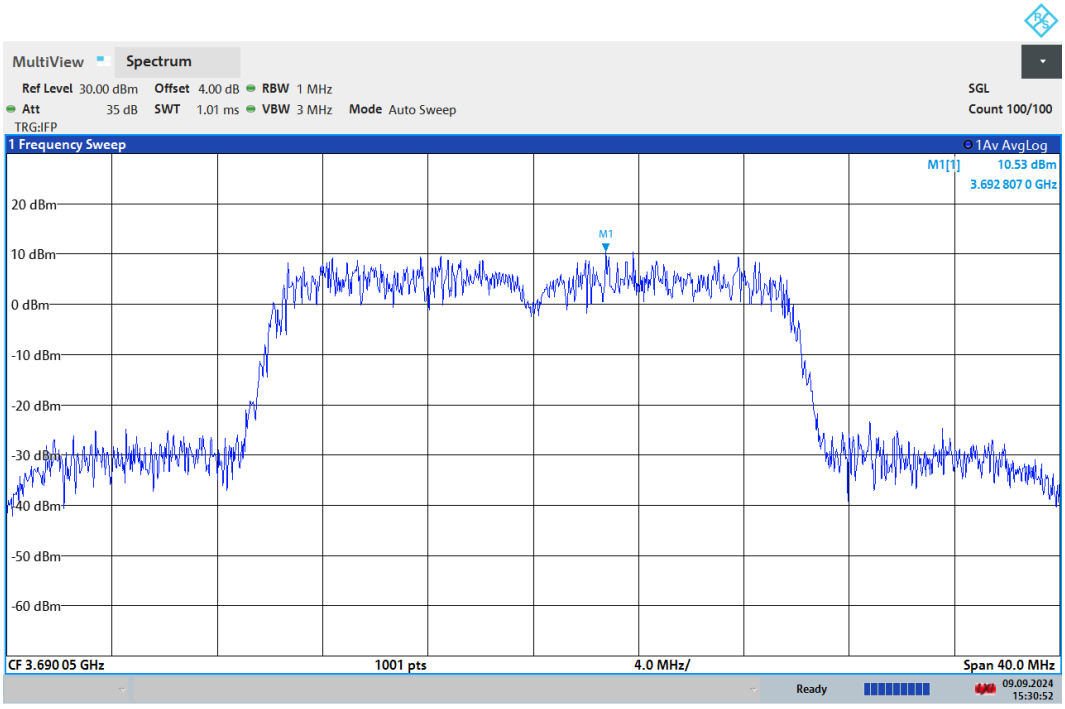
15:24:58 09.09.2024

CA_48B 16QAM\10MHz+10MHz Low



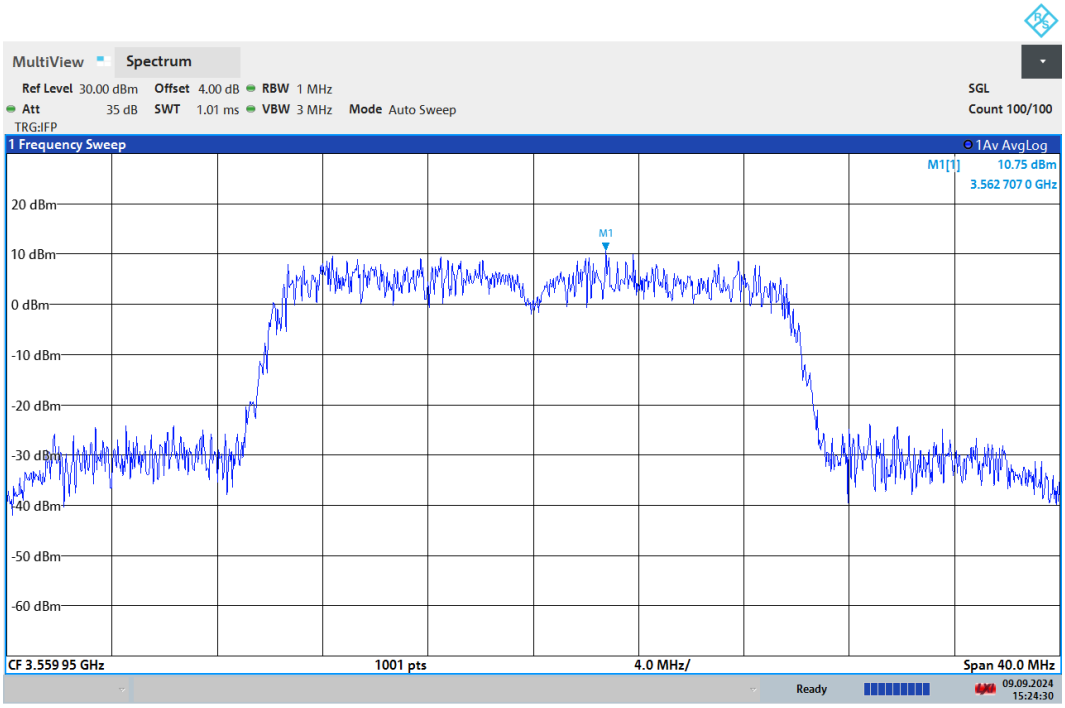
15:27:35 09.09.2024

CA_48B 16QAM\10MHz+10MHz Middle



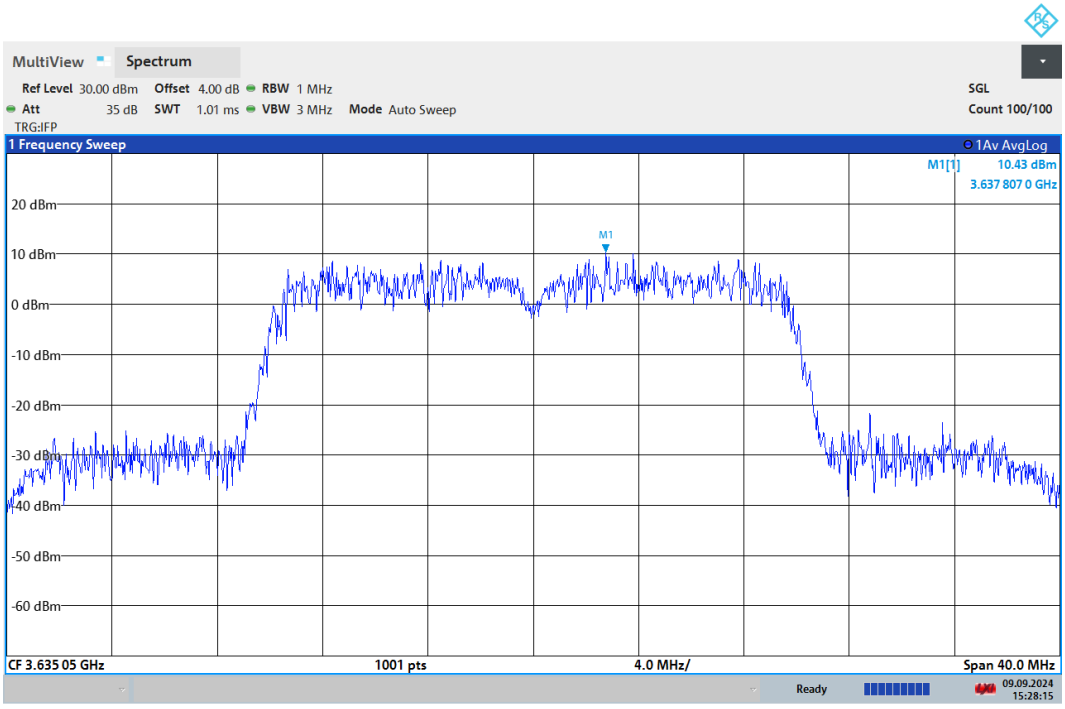
15:30:53 09.09.2024

CA_48B 64QAM\10MHz+10MHz High



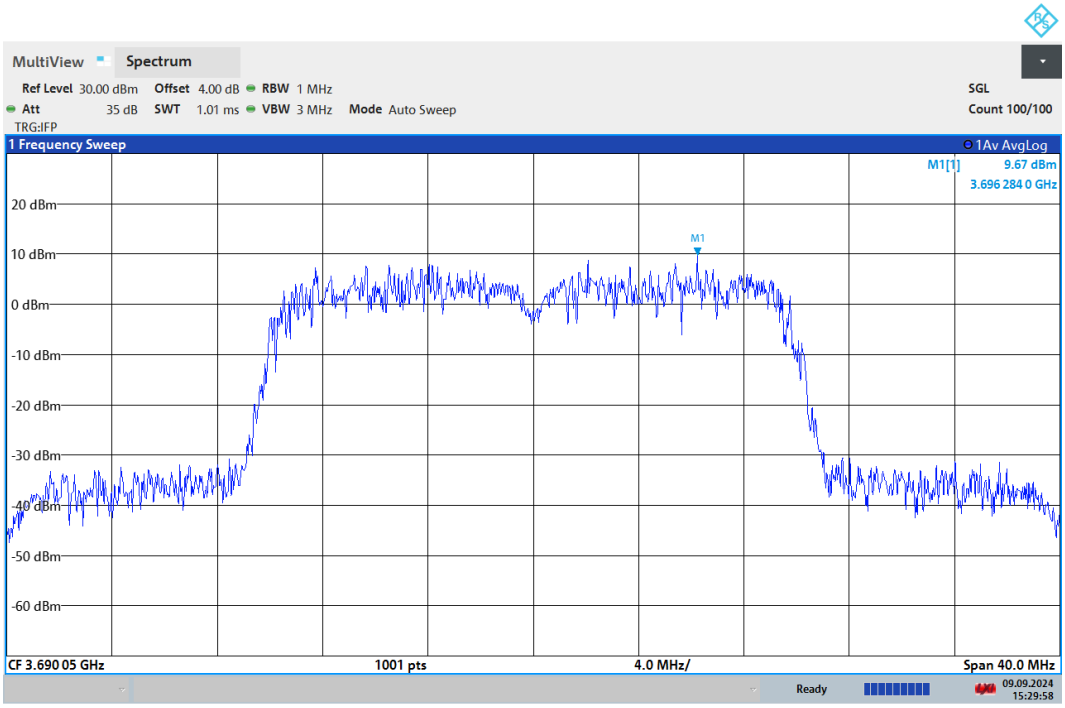
15:24:31 09.09.2024

CA_48B 64QAM\10MHz+10MHz Low



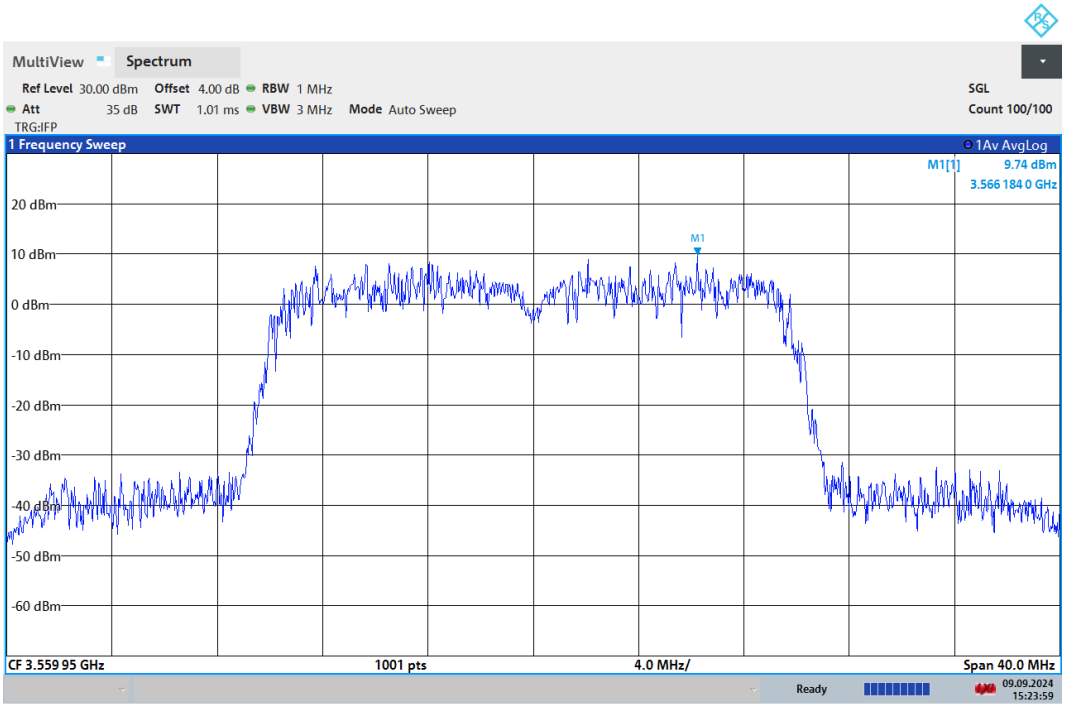
15:28:16 09.09.2024

CA_48B 64QAM\10MHz+10MHz Middle



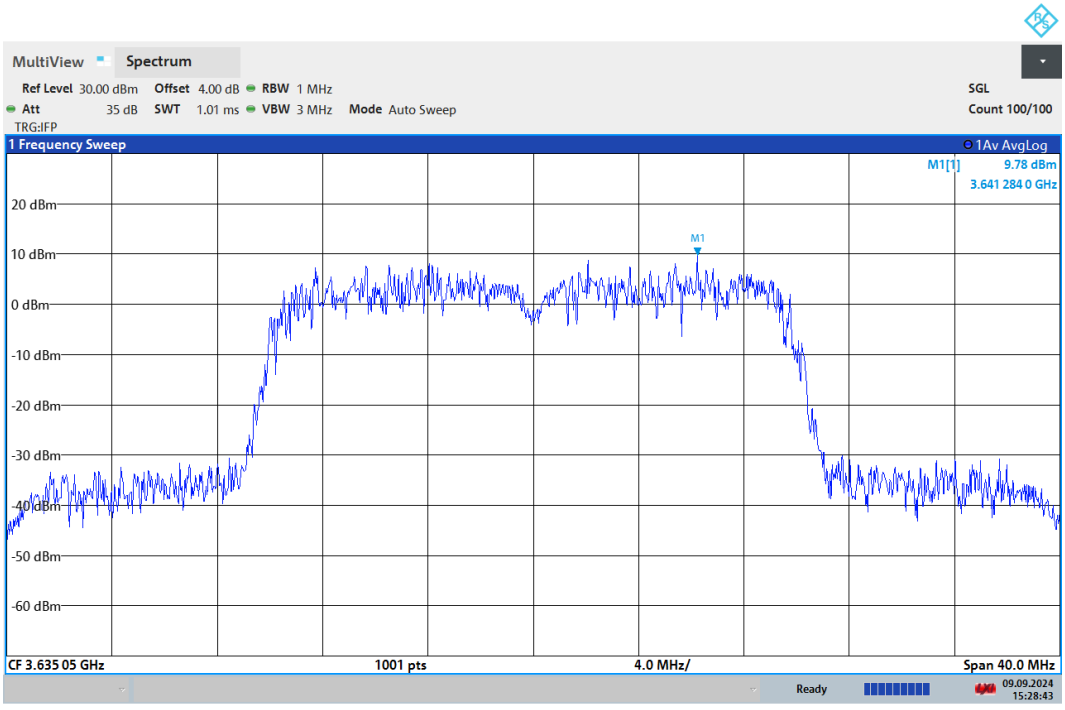
15:29:58 09.09.2024

CA_48B 256QAM\10MHz+10MHz High



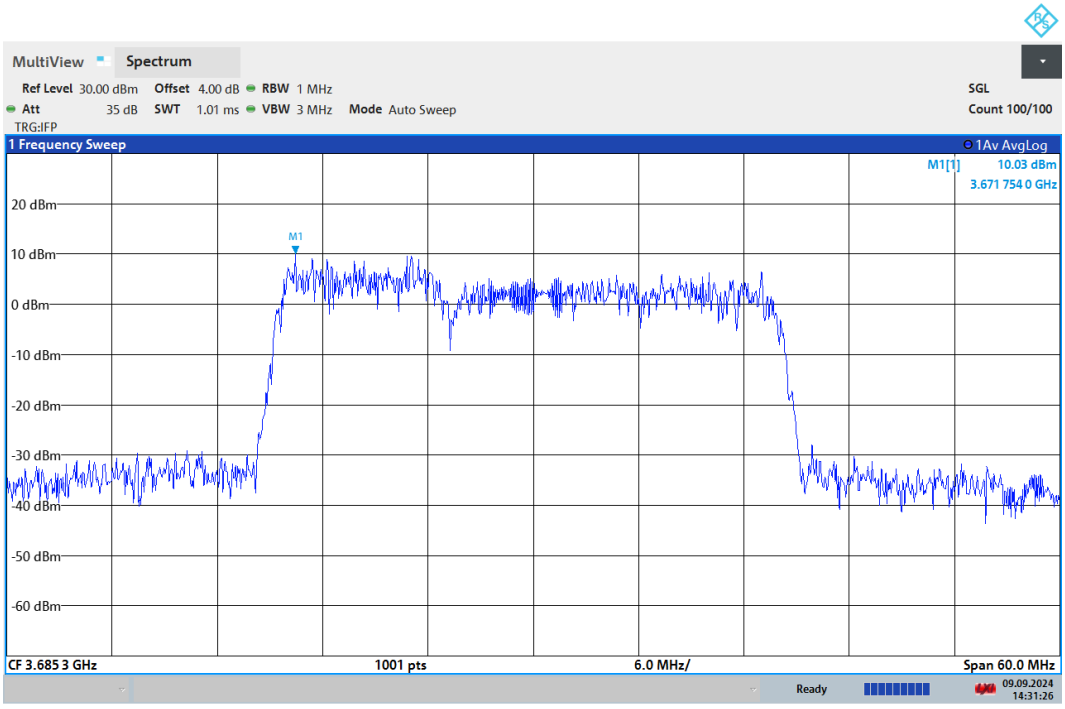
15:23:59 09.09.2024

CA_48B 256QAM\10MHz+10MHz Low



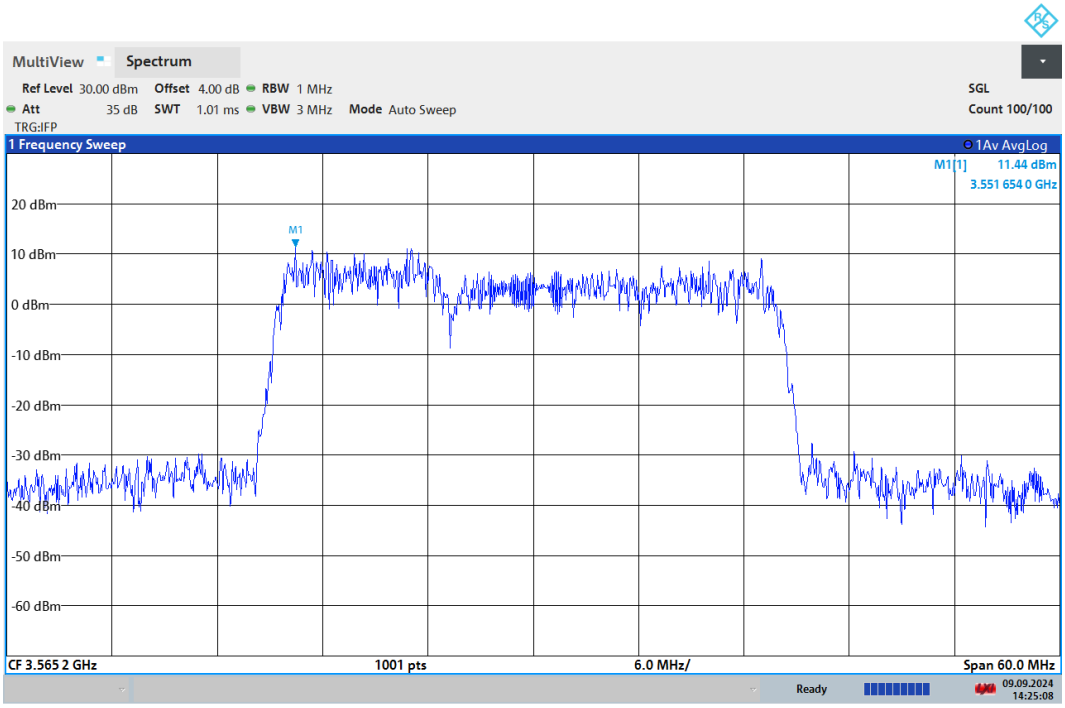
15:28:43 09.09.2024

CA_48B 256QAM\10MHz+10MHz Middle



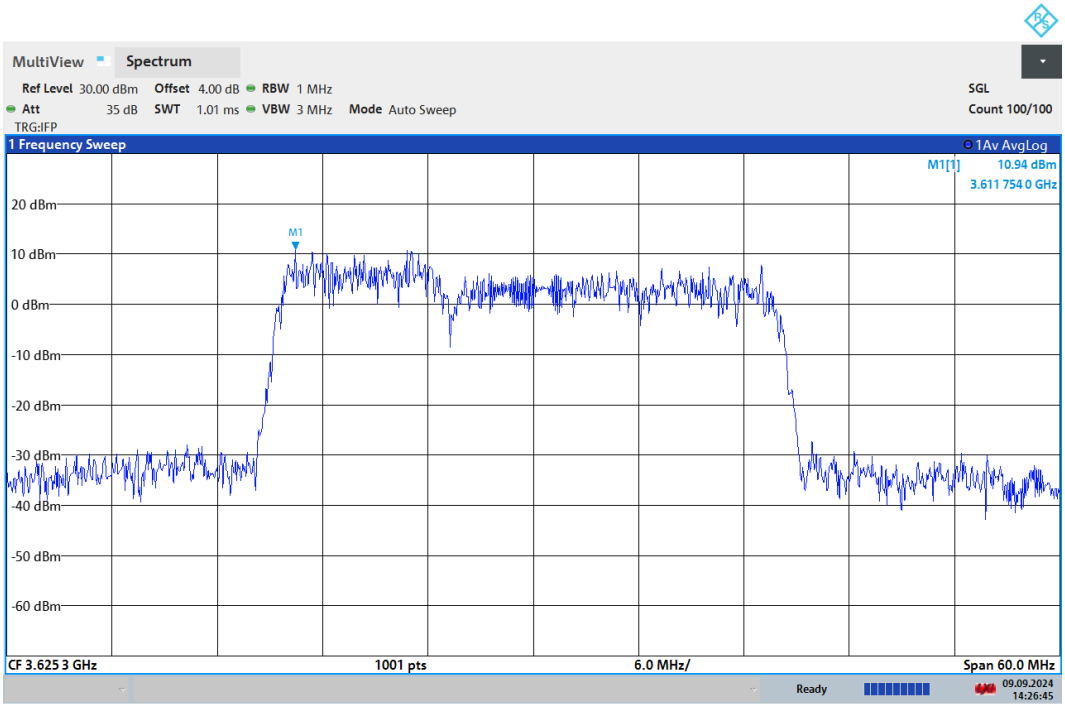
14:31:27 09.09.2024

CA_48C QPSK\10MHz+20MHz High



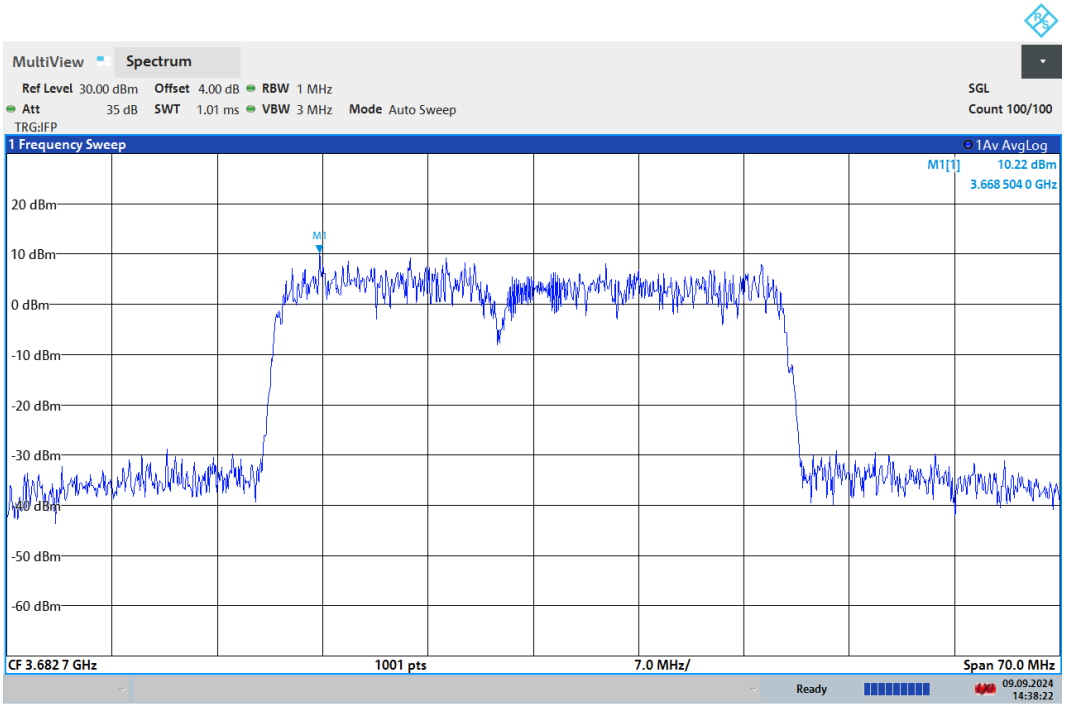
14:25:09 09.09.2024

CA_48C QPSK\10MHz+20MHz Low



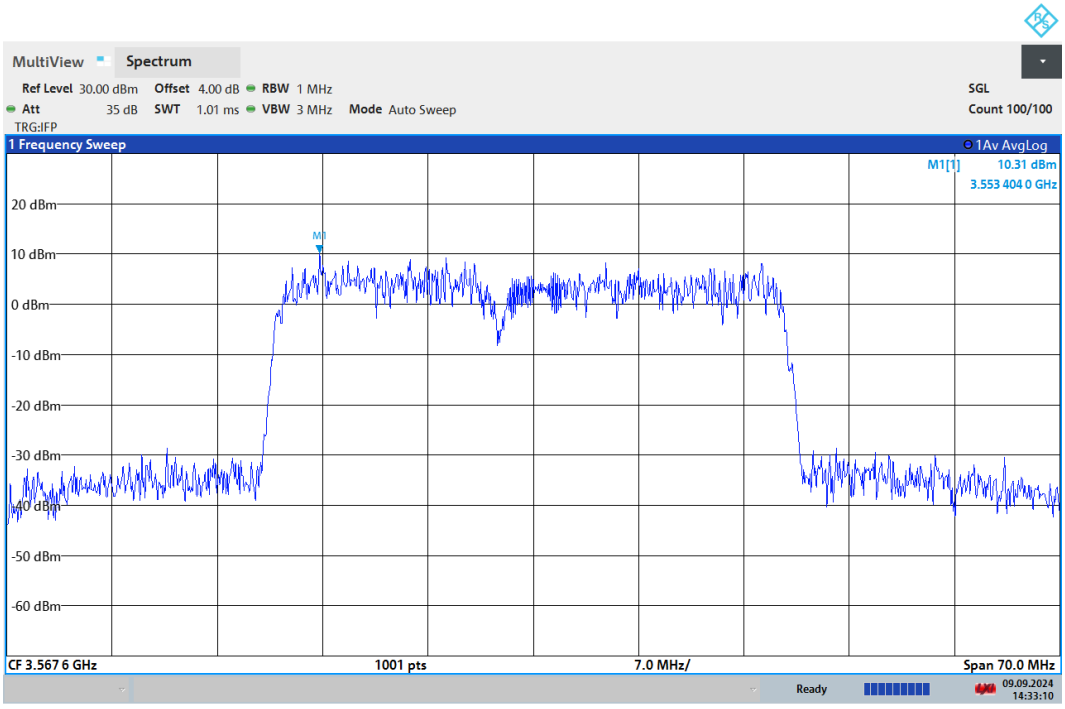
14:26:46 09.09.2024

CA_48C QPSK\10MHz+20MHz Middle



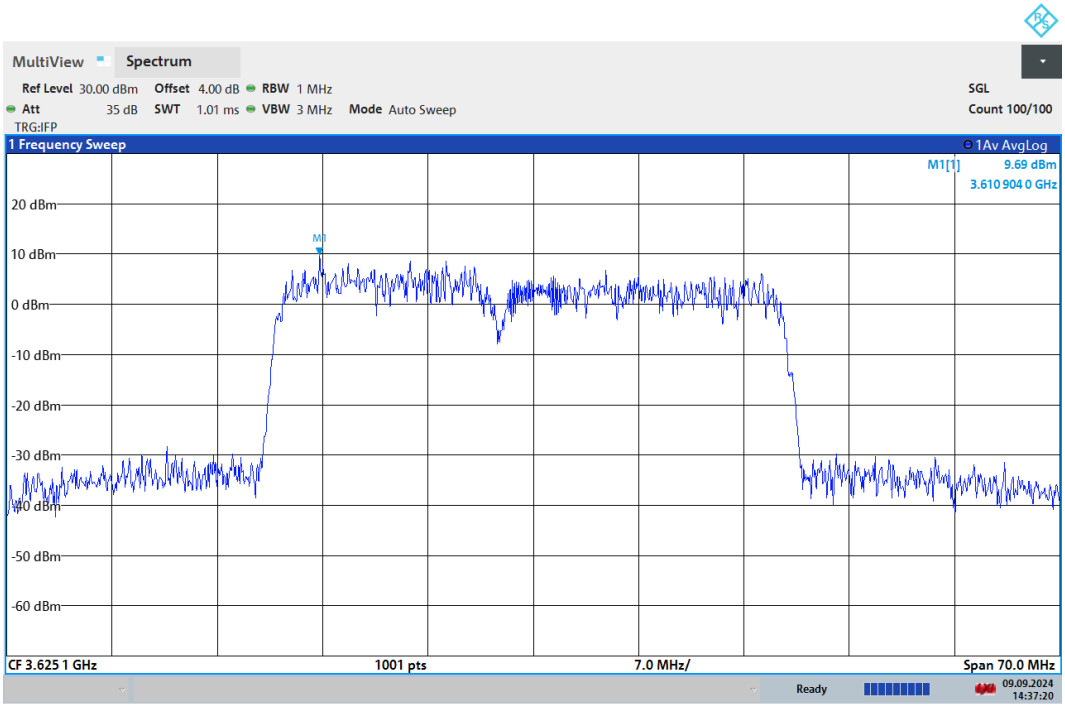
14:38:23 09.09.2024

CA_48C QPSK\15MHz+20MHz High



14:33:10 09.09.2024

CA_48C QPSK\15MHz+20MHz Low



14:37:20 09.09.2024

CA_48C QPSK\15MHz+20MHz Middle