Certificate #6613.01

FCC TEST REPORT

(PART 27)

Applicant:	Beijing InHand Networks Technology Co., Ltd.
Address:	Room 501, floor 5, building 3, yard 18, ziyue road, chaoyang district, Beijing China

Manufacturer or Supplier:	Beijing InHand Networks Technology Co., Ltd.
Address:	Room 501, floor 5, building 3, yard 18, ziyue road, chaoyang district, Beijing China
Product:	5G Fixed Wireless Access
Brand Name:	inhand
Model Name:	FWA12-NANR
FCC ID:	2AANY-FWA12
Date of tests:	Jan. 17, 2025 ~ Apr. 08, 2025

The tests have been carried out according to the requirements of the following standard:

☒ **FCC Part 27** ☒ **ANSI/TIA/EIA-603-D**
☒ **FCC Part 2** ☒ **ANSI/TIA/EIA-603-E** ☒ **ANSI C63.26-2015**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Hanwen Xu Engineer / Mobile Department	Approved by Peibo Sun Manager / Mobile Department
Xu Hanwen Date: Apr. 08, 2025	Sun Peibo Date: Apr. 08, 2025

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/ and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
PSU-NQN2502170113RF04	Original release	Apr. 08, 2025

1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC PART 27 & PART 2			
STANDARD SECTION	**TEST TYPE AND LIMIT**	**RESULT**	**TEST LAB***
§2.1046	Conducted Output Power	Compliance	A
§27.50(d)(4) §27.50(h)(2) §27.50(k)(3)	Equivalent Isotropically Radiated Power (Band 4) (Band 38) (Band 41) (Band 42)(Band 66)	Compliance	A
§2.1055 §27.54	Frequency Stability	Compliance	A
§2.1049	Occupied Bandwidth	Compliance	A
§2.1051 §27.53(h) §27.53(m)(4)(6) §27.53(n)(2)	Conducted Band Edge Measurements (Band 4) (Band 38) (Band 41) (Band 42)(Band 66)	Compliance	A
§2.1051 §27.53(h) §27.53(m)(4)(6) §27.53(n)(2)	Conducted Spurious Emissions (Band 4) (Band 38) (Band 41) (Band 42)(Band 66)	Compliance	A
§2.1053 §27.53(h) §27.53(m)(4)(6) §27.53(n)(2)	Radiated Spurious Emissions (Band 4) (Band 38) (Band 41) (Band 42)(Band 66)	Compliance	A
§27.50(k)(4)	Peak to average ratio	Compliance	A

***Test Lab Information Reference**

Lab A:

Huarui 7Layers High Technology (Suzhou) Co., Ltd.

Lab Address:

Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province

Accredited Test Lab Cert 6613.01

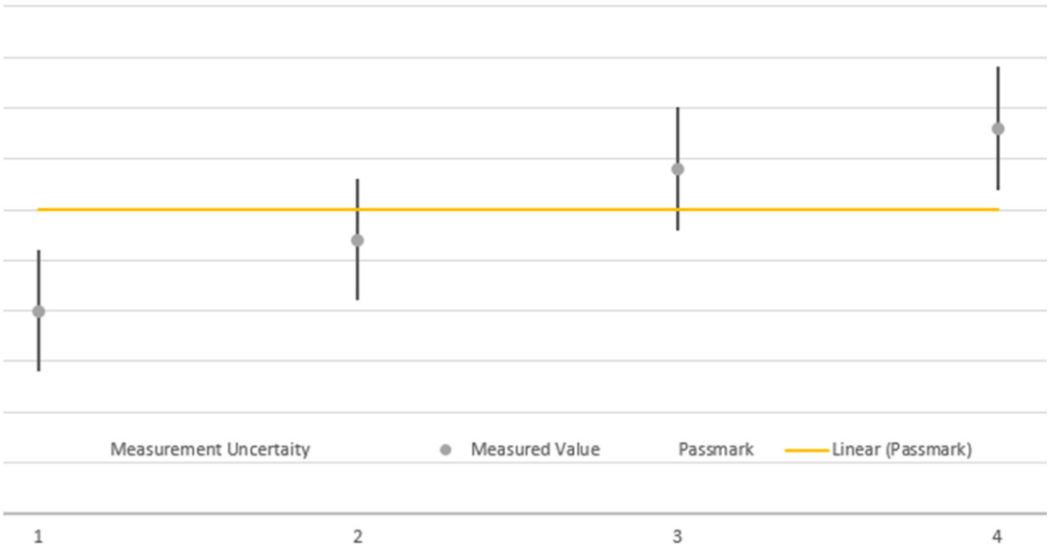
The FCC Site Registration No. is 434559; The Designation No. is CN1325.

1.1 MEASREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	UNCERTAINTY
Frequency Stability	±76.97Hz
Radiated emissions (9KHz~30MHz)	±2.68dB
Radiated emissions & Radiated Power (30MHz~1GHz)	±4.98dB
Radiated emissions & Radiated Power (1GHz ~6GHz)	±4.70dB
Radiated emissions (6GHz ~18GHz)	±4.60dB
Radiated emissions (18GHz ~40GHz)	±4.12dB
Conducted emissions	±4.01dB
Occupied Channel Bandwidth	±43.58KHz
Conducted Output power	±2.06dB
Band Edge Measurements	±4.70dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



The verdicts in this test report are given according the above diagram:

Case	Measured Value	Uncertainty Range	Verdict
1	below pass mark	below pass mark	Passed
2	below pass mark	within pass mark	Passed
3	above pass mark	within pass mark	Failed
4	above pass mark	above pass mark	Failed

That means, the laboratory applies, as decision rule (see ISO/IEC 17025:2017), the so-called shared risk principle.

1.2 TEST SITE AND INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Pre-Amplifier	R&S	SCU18F1	100815	Aug.30,23	Aug.29,25
Pre-Amplifier	R&S	SCU08F1	101028	Jan.22,24	Jan.21,26
Vector Signal Generator	R&S	SMBV100B	102176	Mar.29,24	Mar.28,26
Signal Generator	R&S	SMB100A	182185	Mar.29,24	Mar.28,26
3m Fully-anechoic Chamber	TDK	9m*6m*6m	HRSW-SZ-EMC-01Chamber	Nov.25,22	Nov.24,25
3m Semi-anechoic Chamber	TDK	9m*6m*6m	HRSW-SZ-EMC-02Chamber	Nov.25,22	Nov.24,25
EMI TEST Receiver	R&S	ESR26	101734	Mar.28,24	Mar.27,26
EMI TEST Receiver	R&S	ESW44	101973	Mar.28,24	Mar.27,26
Bilog Antenna	SCHWARZBECK	VULB 9163	1264	Dec.26,23	Dec.25,25
Horn Antenna	ETS-LINDGREN	3117	227836	Aug.22,23	Aug.21,25
Horn Antenna (18GHz-40GHz)	Steatite Q-par Antennas	QMS 00880	23486	Jul.15,24	Jul.14,26
Horn Antenna	Steatite Q-par Antennas	QMS 00208	23485	Aug.22,23	Aug.21,25
Loop Antenna	SCHWARZ	HFH2-Z2/Z2E	100976	Feb.23,23	Feb.22,25
WIDEBANDRADIO COMMUNICATION TESTER	R&S	CMW500	169399	Jun.19,24	Jun.18,26
Test Software	EMC32	EMC32	N/A	N/A	N/A
6DB attenuator	Tonscend Technology Co., Ltd	N/A	23062787	N/A	N/A
Test Software	ELEKTRA	ELEKTRA4.32	N/A	N/A	N/A
Open Switch and Control Unit	R&S	OSP220	101964	N/A	N/A
DC Source	HYELEC	HY3010B	551016	Aug.31,23	Aug.30,25
Hygrothermograph	DELI	20210528	SZ014	Sep.06,23	Sep.05,25
PC	LENOVO	E14	HRSW0024	N/A	N/A
TMC-AMI18843A(CABLE)	R&S	HF290-NMNM-7.00M	N/A	N/A	N/A
TMC-AMI18843A(CABLE)	R&S	HF290-NMNM-4.00M	N/A	N/A	N/A
CABLE	R&S	W13.02	N/A	Apr.27,24	Apr.26,25
CABLE	R&S	W12.14	N/A	Apr.27,24	Apr.26,25
CABLE	R&S	J12J103539-00-1	SEP-03-20-069	Apr.27,24	Apr.26,25
CABLE	R&S	J12J103539-00-1	SEP-03-20-070	Apr.27,24	Apr.26,25
Temperature Chamber	votsch	VT4002	58566078100050	May.30,24	May.29,26

NOTE: 1. The calibration interval of the above test instruments is 12 / 24/ 36 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

2. The test was performed in 3m Semi-anechoic Chamber and RF Oven Room.

3. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.

4. The FCC Site Registration No. is 434559; The Designation No. is CN1325.

2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT*	5G Fixed Wireless Access	
BRAND NAME*	inhand	
MODEL NAME*	FWA12-NANR	
NOMINAL VOLTAGE*	12.0Vdc(adapter or host equipment)	
MODULATION TECHNOLOGY*	**LTE**	QPSK, 16QAM, 64QAM, 256 QAM
FREQUENCY RANGE	**LTE Band 4 Channel Bandwidth: 1.4MHz**	1710.7MHz ~ 1754.3MHz
	LTE Band 4 Channel Bandwidth: 3MHz	1711.5MHz ~ 1753.5MHz
	LTE Band 4 Channel Bandwidth: 5MHz	1712.5MHz ~ 1752.5MHz
	LTE Band 4 Channel Bandwidth: 10MHz	1715MHz ~ 1750MHz
	LTE Band 4 Channel Bandwidth: 15MHz	1717.5MHz ~ 1747.5 MHz
	LTE Band 4 Channel Bandwidth: 20MHz	1720MHz ~ 1745MHz
	LTE Band 38 Channel Bandwidth: 5MHz	2572.5MHz ~ 2617.5MHz
	LTE Band 38 Channel Bandwidth: 10MHz	2575MHz ~ 2615MHz
	LTE Band 38 Channel Bandwidth: 15MHz	2577.5MHz ~ 2612.5MHz
	LTE Band 38 Channel Bandwidth: 20MHz	2580MHz ~ 2610MHz
	LTE Band 41 Channel Bandwidth: 5MHz	2498.5MHz ~ 2687.5MHz
	LTE Band 41 Channel Bandwidth: 10MHz	2501MHz ~ 2685MHz
	LTE Band 41 Channel Bandwidth: 15MHz	2503.5MHz ~ 2682.5MHz
	LTE Band 41 Channel Bandwidth: 20MHz	2506MHz ~ 2680MHz
	LTE Band 42 Channel Bandwidth: 5MHz	3452.5 MHz ~ 3547.5MHz
	LTE Band 42 Channel Bandwidth: 10MHz	3455MHz ~ 3545MHz
	LTE Band 42 Channel Bandwidth: 15MHz	3457.5MHz ~ 3542.5MHz
	LTE Band 42 Channel Bandwidth: 20MHz	3460MHz ~ 3540MHz

FREQUENCY RANGE	**LTE Band 66 Channel Bandwidth: 1.4MHz**	1710.7MHz ~ 1779.3MHz
	LTE Band 66 Channel Bandwidth: 3MHz	1711.5MHz ~ 1778.5MHz
	LTE Band 66 Channel Bandwidth: 5MHz	1712.5MHz ~ 1777.5MHz
	LTE Band 66 Channel Bandwidth: 10MHz	1715MHz ~ 1775MHz
	LTE Band 66 Channel Bandwidth: 15MHz	1717.5MHz ~ 1772.5MHz
	LTE Band 66 Channel Bandwidth: 20MHz	1720MHz ~ 1770MHz
	LTE Band 70 Channel Bandwidth: 5MHz	1697.5MHz ~ 1707.5MHz
	LTE Band 70 Channel Bandwidth: 10MHz	1700MHz ~ 1705MHz
	LTE Band 70 Channel Bandwidth: 15MHz	1702.5MHz ~ 1702.5MHz
	LTE Band CA_66B Channel Bandwidth: 5MHz+5MHz	1712.5MHz ~ 1777.5MHz
	LTE Band CA_66B Channel Bandwidth: 5MHz+10MHz	1712.8MHz ~ 1777.2MHz
	LTE Band CA_66B Channel Bandwidth: 10MHz+5MHz	1715MHz ~ 1775MHz
	LTE Band CA_66B Channel Bandwidth: 15MHz+5MHz	1717.5MHz ~ 1772.5MHz
	LTE Band CA_66B Channel Bandwidth: 5MHz+15MHz	1713MHz ~ 1777MHz
	LTE Band CA_66B Channel Bandwidth: 10MHz+10MHz	1715MHz ~ 1775MHz
	LTE Band CA_66C Channel Bandwidth: 10MHz+15MHz	1715.3MHz ~ 1772.5MHz
	LTE Band CA_66C Channel Bandwidth: 10MHz+20MHz	1715.5MHz ~ 1729.9MHz
	LTE Band CA_66C Channel Bandwidth: 15MHz+15MHz	1717.5MHz ~ 1770MHz
	LTE Band CA_66C Channel Bandwidth: 15MHz+20MHz	1717.8MHz ~ 1772.5MHz
	LTE Band CA_66C Channel Bandwidth: 20MHz+5MHz	1720MHz ~ 1770MHz

	LTE Band CA_66C Channel Bandwidth: 20MHz+20MHz	1720MHz ~ 1770MHz
MAX. EIRP POWER	**LTE Band 4 Channel Bandwidth: 5MHz**	369mW
	LTE Band 38 Channel Bandwidth: 5MHz	729.5mW
	LTE Band 41 Channel Bandwidth: 5MHz	948.4mW
	LTE Band 42 Channel Bandwidth: 20MHz	527.2mW
	LTE Band 66 Channel Bandwidth: 5MHz	368.1mW
	LTE Band CA_66B Channel Bandwidth: 10MHz+10MHz	311.2mW
	LTE Band CA_66C Channel Bandwidth: 10MHz+20MHz	354.8mW
	LTE Band 70 Channel Bandwidth: 5MHz	389mW
ANTENNA TYPE*	5G external antenna with 2.78dBi(Max) gain for LTE B4/LTE B66/LTE CA_66B/LTE CA_66C/LTE B70 5G external antenna with 2.93dBi(Max) gain for LTE B38 5G external antenna with 3.62dBi(Max) gain for LTE B41 5G external antenna with 4.82dBi(Max) gain for LTE B42	
HW VERSION*	N/A	
SW VERSION*	V2.0	
I/O PORTS*	Refer to user's manual	
EXTREME TEMPERATURE*	-10°C~50 °C	
EXTREME VOLTAGE*	9 Vdc~14Vdc	

NOTE1: This product uses the module model RG620T-NA and supports LTE frequency bands 2/4/5/7/12/13/14/17/25/26/30/38/41/42/48/66/70/71. Therefore, for this product, we referred to the test data reported by the RG620T-NA module and revaluated the spectrum of radiated emissions and EIRP.

For module RG620T-NA: Report No.: SEWM2311000473RG

FCC ID：XMR2024RG620TNA

NOTE2:

1. *****Since the above data and/or information is provided by the client relevant results or conclusions of this report are only made for these data and/or information, Test Lab is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.

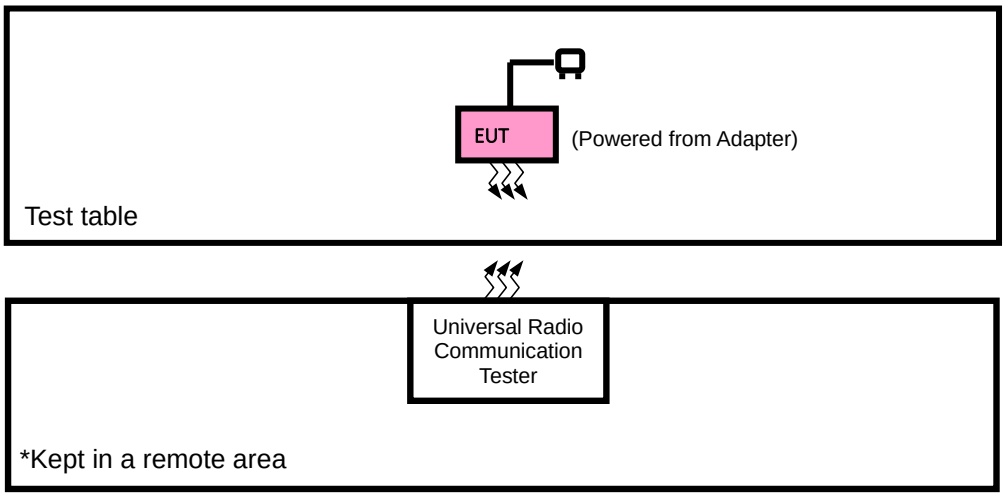
2. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
3. The EUT incorporates a SISO function. Physically, the EUT provides eight completed transmitter and eight receiver.

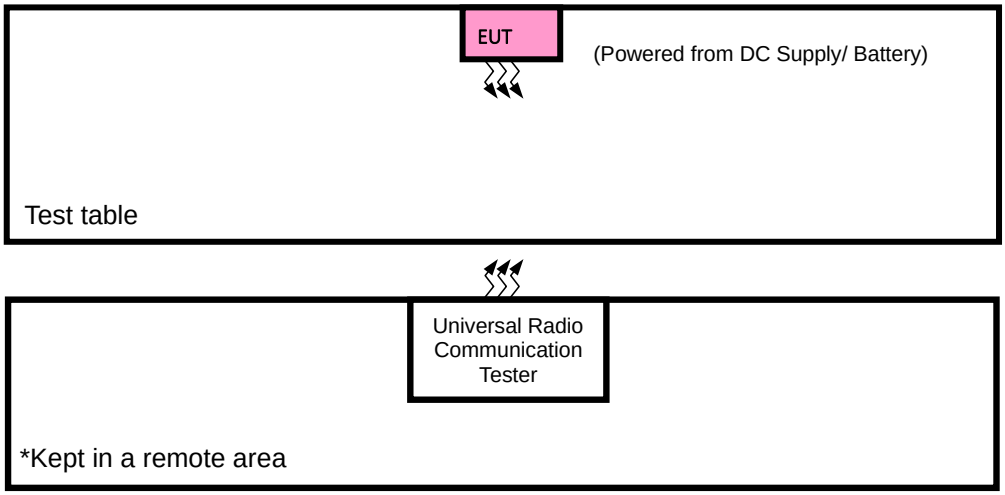
MODULATION MODE	TX FUNCTION
LTE	8TX/8RX

4. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
5. Antenna gain and EUT conducted cable loss are provided by the customer, and the laboratory will record the results based on these items that involve these two parameters.

2.2 CONFIGURATION OF SYSTEM UNDER TEST

FOR RADIATION EMISSION TEST





2.3 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	DC Source	HYELEC	HY3010B	551016	N/A

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	DC Line: Unshielded, Detachable 1.8m

2.4 TEST ITEM AND TEST CONFIGURATION

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports The worst case was found when positioned on Y-plane for EIRP and X-axis for radiated emission. Following channel(s) was (were) selected for the final test as listed below:

EUT CONFIGURE MODE	DESCRIPTION
A	EUT + Adapter + USB Cable with LTE link
B	EUT + DC Supply with LTE link

LTE BAND 4 MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
A	EIRP	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		19965 to 20385	19965, 20175, 20385	3MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		19975 to 20375	19975, 20175, 20375	5MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		20000 to 20350	20000, 20175, 20350	10MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		20025 to 20325	20025, 20175, 20325	15MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		20050 to 20300	20050, 20175, 20300	20MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. LTE Band 4 are covered by LTE Band 66, Because it is a subset of LTE Band 66 with the same output power and supported bandwidths, So the conducted test data and RSE test data please refer to LTE Band 66

LTE BAND 38 MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
A	EIRP	37775 to 38225	37775, 38000, 38225	5MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		37800 to 38200	37800, 38000, 38200	10MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0RB Offset
		37825 to 38175	37825, 38000, 38175	15MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		37850 to38150	37850, 38000, 38150	20MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. LTE Band 38 are covered by LTE Band 41, Because it is a subset of LTE Band 41 with the same output power and supported bandwidths, So the conducted test data and RSE test data please refer to LTE Band 41

LTE BAND 41 MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
A	EIRP	39675 to 41565	39675, 40620, 41565	5MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		39700 to 41540	39700, 40620,41540	10MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0RB Offset
		39725 to 41515	39725, 40620, 41515	15MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		39750 to 41490	39750, 40620, 41490	20MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
B	FREQUENCY STABILITY	39700 to 41540	39700, 40620,41540	10MHz	QPSK,16QAM, 64QAM,256 QAM	50 RB / 0 RB Offset
A	OCCUPIED BANDWIDTH	39675 to 41565	39675, 40620, 41565	5MHz	QPSK,16QAM, 64QAM,256 QAM	25 RB / 0 RB Offset
		39700 to 41540	39700, 40620,41540	10MHz	QPSK,16QAM, 64QAM,256 QAM	50 RB / 0 RB Offset
		39725 to 41515	39725, 40620, 41515	15MHz	QPSK,16QAM, 64QAM,256 QAM	75 RB / 0 RB Offset
		39750 to 41490	39750, 40620, 41490	20MHz	QPSK,16QAM, 64QAM,256 QAM	100 RB / 0 RB Offset
A	PEAK TO AVERAGE RATIO	39750 to 41490	39750, 40620, 41490	20MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset 100 RB / 0 RB Offset
A	BAND EDGE	39675 to 41565	39675	5MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
						25 RB / 0 RB Offset
			41565	5MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 24 RB Offset
						25 RB / 0 RB Offset
		39700 to 41540	39700	10MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
						50 RB / 0 RB Offset

			41540	10MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 49 RB Offset
						50 RB / 0 RB Offset
		39725 to 41515	39725	15MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
						75 RB / 0 RB Offset
			41515	15MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 74 RB Offset
						75 RB / 0 RB Offset
		39750 to 41490	39750	20MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
						100 RB / 0 RB Offset
			41490	20MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 99 RB Offset
						100 RB / 0 RB Offset
A	CONDUCTED EMISSION	39675 to 41565	39675, 40620, 41565	5MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		39700 to 41540	39700, 40620,41540	10MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0RB Offset
		39725 to 41515	39725, 40620, 41515	15MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		39750 to 41490	39750, 40620, 41490	20MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
A	RADIATED EMISSION	39675 to 41565	40620	5MHz	QPSK	1 RB / 0 RB Offset
		39700 to 41540	39700, 40620, 41540	10MHz	QPSK	1 RB / 0RB Offset
		39725 to 41515	40620	15MHz	QPSK	1 RB / 0 RB Offset
		39750 to 41490	40620	20MHz	QPSK	1 RB / 0 RB Offset

Note: This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

LTE BAND 66 MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
A	EIRP	131979 to 132665	131979,132322,132665	1.4MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		131987 to 132657	131987,132322,132657	3MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		131997 to 132647	131997,132322,132647	5MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		132022 to 132622	132022,132322,132622	10MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		132047 to 132597	132047,132322,132597	15MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		132072 to 132572	132072,132322,132572	20MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
B	FREQUENCY STABILITY	132022 to 132622	132022,132322,132622	10MHz	QPSK,16QAM, 64QAM,256 QAM	50 RB / 0 RB Offset
A	OCCUPIED BANDWIDTH	131979 to 132665	131979,132322,132665	1.4MHz	QPSK,16QAM, 64QAM,256 QAM	6 RB / 0 RB Offset
		131987 to 132657	131987,132322,132657	3MHz	QPSK,16QAM, 64QAM,256 QAM	15 RB / 0 RB Offset
		131997 to 132647	131997,132322,132647	5MHz	QPSK,16QAM, 64QAM,256 QAM	25 RB / 0 RB Offset
		132022 to 132622	132022,132322,132622	10MHz	QPSK,16QAM, 64QAM,256 QAM	50 RB / 0 RB Offset
		132047 to 132597	132047,132322,132597	15MHz	QPSK,16QAM, 64QAM,256 QAM	75 RB / 0 RB Offset
		132072 to 132572	132072,132322,132572	20MHz	QPSK,16QAM, 64QAM,256 QAM	100 RB / 0 RB Offset
A	PEAK TO AVERAGE RATIO	132072 to 132572	132072, 132572	20MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset 100 RB / 0 RB Offset
A	BAND EDGE	131979 to 132322	131979	1.4MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
						6 RB / 0 RB Offset
			132322	1.4MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 5 RB Offset
						6 RB / 0 RB Offset
		131987 to 132657	131987	3MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
						15 RB / 0 RB Offset
			132657	3MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 14 RB Offset
						15 RB / 0 RB Offset
		131997 to 132647	131997	5MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
						25 RB / 0 RB Offset
			132647	5MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 24 RB Offset
						25 RB / 0 RB Offset
		132022 to 132622	132022	10MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
						50 RB / 0 RB Offset
			132622	10MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 49 RB Offset
						50 RB / 0 RB Offset
		132047 to 132597	132047	15MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
						75 RB / 0 RB Offset
			132597	15MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 74 RB Offset
						75 RB / 0 RB Offset
		132072 to 132572	132072	20MHz	QPSK,16QAM,	1 RB / 0 RB Offset

					64QAM,256 QAM	100 RB / 0 RB Offset
			132572	20MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 99 RB Offset
						100 RB / 0 RB Offset
A	CONDUCTED EMISSION	131979 to 132665	131979,132322,132665	1.4MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		131987 to 132657	131987,132322,132657	3MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		131997 to 132647	131997,132322,132647	5MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		132022 to 132622	132022,132322,132622	10MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		132047 to 132597	132047,132322,132597	15MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
		132072 to 132572	132072,132322,132572	20MHz	QPSK,16QAM, 64QAM,256 QAM	1 RB / 0 RB Offset
A	RADIATED EMISSION	131979 to 132665	132322	1.4MHz	QPSK	1 RB / 0 RB Offset
		131987 to 132657	132322	3MHz	QPSK	1 RB / 0 RB Offset
		131997 to 132647	132322	5MHz	QPSK	1 RB / 0 RB Offset
		132022 to 132622	132022,132322,132622	10MHz	QPSK	1 RB / 0 RB Offset
		132047 to 132597	132322	15MHz	QPSK	1 RB / 0 RB Offset
		132072 to 132572	132322	20MHz	QPSK	1 RB / 0 RB Offset

Note: This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

TEST CONDITION:

TEST ITEM	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
ERP&EIRP	23deg. C, 70%RH	DC12V By Adapter	Hanwen Xu
FREQUENCY STABILITY	23deg. C, 70%RH	DC 9V/12V/14V By DC Supply	Hanwen Xu
OCCUPIED BANDWIDTH	23deg. C, 70%RH	DC12V By Adapter	Hanwen Xu
BAND EDGE	23deg. C, 70%RH	DC 12V By Adapter	Hanwen Xu
CONDUCTED EMISSION	23deg. C, 70%RH	DC12V By Adapter	Hanwen Xu
RADIATED EMISSION	23deg. C, 70%RH	DC12V By Adapter	Hanwen Xu
PEAK TO AVERAGE RATIO	23deg. C, 70%RH	DC12V By Adapter	Hanwen Xu

2.5 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC 47 CFR Part 2

FCC 47 CFR Part 27

KDB 971168 D01 Power Meas License Digital Systems v03r01

ANSI/TIA/EIA-603-D

ANSI/TIA/EIA-603-E

ANSI C63.26-2015

NOTE: All test items have been performed and recorded as per the above standards.

3 TEST TYPES AND RESULTS

3.1 OUTPUT POWER MEASUREMENT

3.1.1 LIMITS OF OUTPUT POWER MEASUREMENT

The radiated peak output power shall be according to the specific rule Part 27.50(h)(2) that “User stations are limited to 2 watts” and 27.50(i) specific that “Peak transmit power must be measure over any interval of continuous transmission using instrumentation calibration in terms of rms-equivalent voltage.”

Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP

According to the specific rule Part 27.50 (k)(3)Mobile devices are limited to 1Watt (30 dBm) EIRP, Mobile devices operating inl these bands must employ a means for limiting power to the minimum necessary for successful communications

3.1.2 TEST PROCEDURES

EIRP MEASUREMENT:

Per KDB 971168 D01 Power Meas License Digital Systems v03r01 or subclause 5.2.5.5 of ANSI C63.26-2015, the relevant equation for determing the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

ERP or EIRP = $P_{Meas} + G_T – L_C$

Where:

ERP or EIRP = effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas}, typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

G_T = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

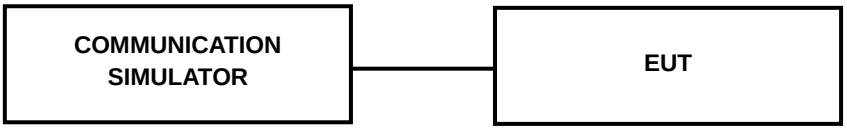
L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

CONDUCTED POWER MEASUREMENT:

a. The EUT was set up for the maximum power with LTE link data modulation and link up with simulator.
b. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

3.1.3 TEST SETUP

CONDUCTED POWER MEASUREMENT:



For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.1.4 TEST RESULTS

CONDUCTED OUTPUT POWER (dBm)

LTE Band 4

MAX Power

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band4	10MHz	QPSK	20350	1RB#0	22.89	25.67	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band4	20MHz	QPSK	20175	1RB#0	22.64	25.42	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band4	5MHz	16QAM	20375	1RB#24	22.24	25.02	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band4	20MHz	16QAM	20175	1RB#99	22.22	25.00	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band4	1.4MHz	QPSK	19957	1RB#0	22.60	25.38	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.43	25.21	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.36	25.14	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.87	24.65	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.65	25.43	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.44	25.22	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.31	25.09	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.90	24.68	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.59	25.37	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.49	25.27	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.40	25.18	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.03	24.81	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.99	24.77	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.18	24.96	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.91	24.69	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.87	23.65	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.10	24.88	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.14	24.92	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.19	24.97	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.86	23.64	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.12	24.90	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.23	25.01	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.22	25.00	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.01	23.79	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.12	23.90	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.16	23.94	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.01	23.79	30	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	19.98	22.76	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.98	23.76	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	20.98	23.76	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.08	23.86	30	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.00	22.78	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.13	23.91	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.22	24.00	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.27	24.05	30	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.89	22.67	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#0	17.92	20.70	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#2	17.88	20.66	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#5	18.06	20.84	30	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	17.85	20.63	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#0	17.87	20.65	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#2	18.06	20.84	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#5	17.99	20.77	30	PASS

Band4	1.4MHz	256QAM	20175	6RB#0	17.80	20.58	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#0	17.99	20.77	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#2	18.12	20.90	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#5	17.96	20.74	30	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	17.97	20.75	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.54	25.32	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.34	25.12	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.18	24.96	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.92	24.70	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.53	25.31	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.18	24.96	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.35	25.13	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.98	24.76	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.58	25.36	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.37	25.15	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.54	25.32	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.15	24.93	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.06	24.84	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.02	24.80	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.18	24.96	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.90	23.68	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.05	24.83	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.11	24.89	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.00	24.78	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.88	23.66	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.11	24.89	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.05	24.83	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.20	24.98	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.02	23.80	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.10	23.88	30	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.15	23.93	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.18	23.96	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.87	22.65	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.21	23.99	30	PASS
Band4	3MHz	64QAM	20175	1RB#8	21.19	23.97	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.20	23.98	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.90	22.68	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.11	23.89	30	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.12	23.90	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.10	23.88	30	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.03	22.81	30	PASS
Band4	3MHz	256QAM	19965	1RB#0	17.82	20.60	30	PASS
Band4	3MHz	256QAM	19965	1RB#8	17.92	20.70	30	PASS
Band4	3MHz	256QAM	19965	1RB#14	17.92	20.70	30	PASS

Band4	3MHz	256QAM	19965	15RB#0	17.78	20.56	30	PASS
Band4	3MHz	256QAM	20175	1RB#0	17.88	20.66	30	PASS
Band4	3MHz	256QAM	20175	1RB#8	18.14	20.92	30	PASS
Band4	3MHz	256QAM	20175	1RB#14	18.13	20.91	30	PASS
Band4	3MHz	256QAM	20175	15RB#0	17.95	20.73	30	PASS
Band4	3MHz	256QAM	20385	1RB#0	17.98	20.76	30	PASS
Band4	3MHz	256QAM	20385	1RB#8	17.99	20.77	30	PASS
Band4	3MHz	256QAM	20385	1RB#14	17.98	20.76	30	PASS
Band4	3MHz	256QAM	20385	15RB#0	18.01	20.79	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.31	25.09	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.27	25.05	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.49	25.27	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.12	24.90	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.78	25.56	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.32	25.10	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.36	25.14	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.04	24.82	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.61	25.39	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.60	25.38	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.46	25.24	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.91	24.69	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.08	24.86	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.16	24.94	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.24	25.02	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.09	23.87	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.08	24.86	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.06	24.84	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.02	24.80	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.85	23.63	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.23	25.01	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.24	25.02	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.24	25.02	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.10	23.88	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.06	23.84	30	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.17	23.95	30	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.11	23.89	30	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.06	22.84	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.08	23.86	30	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.10	23.88	30	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.27	24.05	30	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.84	22.62	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.18	23.96	30	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.20	23.98	30	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.23	24.01	30	PASS

Band4	5MHz	64QAM	20375	25RB#0	20.07	22.85	30	PASS
Band4	5MHz	256QAM	19975	1RB#0	17.96	20.74	30	PASS
Band4	5MHz	256QAM	19975	1RB#12	18.02	20.80	30	PASS
Band4	5MHz	256QAM	19975	1RB#24	18.23	21.01	30	PASS
Band4	5MHz	256QAM	19975	25RB#0	17.91	20.69	30	PASS
Band4	5MHz	256QAM	20175	1RB#0	18.01	20.79	30	PASS
Band4	5MHz	256QAM	20175	1RB#12	17.98	20.76	30	PASS
Band4	5MHz	256QAM	20175	1RB#24	18.09	20.87	30	PASS
Band4	5MHz	256QAM	20175	25RB#0	17.82	20.60	30	PASS
Band4	5MHz	256QAM	20375	1RB#0	18.10	20.88	30	PASS
Band4	5MHz	256QAM	20375	1RB#12	18.21	20.99	30	PASS
Band4	5MHz	256QAM	20375	1RB#24	18.03	20.81	30	PASS
Band4	5MHz	256QAM	20375	25RB#0	17.89	20.67	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.33	25.11	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.34	25.12	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.29	25.07	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.06	24.84	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.85	25.63	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.38	25.16	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.35	25.13	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.91	24.69	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.89	25.67	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.59	25.37	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.43	25.21	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.13	24.91	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.18	24.96	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.18	24.96	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.06	24.84	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.05	23.83	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.05	24.83	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.14	24.92	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.09	24.87	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.00	23.78	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.20	24.98	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.07	24.85	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.16	24.94	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.96	23.74	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.00	23.78	30	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.05	23.83	30	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.28	24.06	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.13	22.91	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.11	23.89	30	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.07	23.85	30	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.11	23.89	30	PASS

Band4	10MHz	64QAM	20175	50RB#0	19.97	22.75	30	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.29	24.07	30	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.24	24.02	30	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.34	24.12	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	19.97	22.75	30	PASS
Band4	10MHz	256QAM	20000	1RB#0	17.96	20.74	30	PASS
Band4	10MHz	256QAM	20000	1RB#24	18.00	20.78	30	PASS
Band4	10MHz	256QAM	20000	1RB#49	18.03	20.81	30	PASS
Band4	10MHz	256QAM	20000	50RB#0	17.96	20.74	30	PASS
Band4	10MHz	256QAM	20175	1RB#0	17.97	20.75	30	PASS
Band4	10MHz	256QAM	20175	1RB#24	18.00	20.78	30	PASS
Band4	10MHz	256QAM	20175	1RB#49	18.12	20.90	30	PASS
Band4	10MHz	256QAM	20175	50RB#0	17.87	20.65	30	PASS
Band4	10MHz	256QAM	20350	1RB#0	18.09	20.87	30	PASS
Band4	10MHz	256QAM	20350	1RB#24	18.08	20.86	30	PASS
Band4	10MHz	256QAM	20350	1RB#49	18.01	20.79	30	PASS
Band4	10MHz	256QAM	20350	50RB#0	18.01	20.79	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.44	25.22	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.26	25.04	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.26	25.04	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.94	24.72	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.70	25.48	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.45	25.23	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.37	25.15	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.02	24.80	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.25	25.03	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.49	25.27	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.46	25.24	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.97	24.75	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.11	24.89	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.15	24.93	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.14	24.92	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.85	23.63	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.96	24.74	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.00	24.78	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.02	24.80	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.86	23.64	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.08	24.86	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.15	24.93	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.17	24.95	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.96	23.74	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.01	23.79	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.25	24.03	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.07	23.85	30	PASS

Band4	15MHz	64QAM	20025	75RB#0	19.99	22.77	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.25	24.03	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.20	23.98	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.34	24.12	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.03	22.81	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.27	24.05	30	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.03	23.81	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.26	24.04	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.01	22.79	30	PASS
Band4	15MHz	256QAM	20025	1RB#0	17.88	20.66	30	PASS
Band4	15MHz	256QAM	20025	1RB#38	17.91	20.69	30	PASS
Band4	15MHz	256QAM	20025	1RB#74	18.02	20.80	30	PASS
Band4	15MHz	256QAM	20025	75RB#0	18.05	20.83	30	PASS
Band4	15MHz	256QAM	20175	1RB#0	17.92	20.70	30	PASS
Band4	15MHz	256QAM	20175	1RB#38	17.92	20.70	30	PASS
Band4	15MHz	256QAM	20175	1RB#74	18.05	20.83	30	PASS
Band4	15MHz	256QAM	20175	75RB#0	18.01	20.79	30	PASS
Band4	15MHz	256QAM	20325	1RB#0	18.00	20.78	30	PASS
Band4	15MHz	256QAM	20325	1RB#38	18.11	20.89	30	PASS
Band4	15MHz	256QAM	20325	1RB#74	18.03	20.81	30	PASS
Band4	15MHz	256QAM	20325	75RB#0	17.84	20.62	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.17	24.95	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.31	25.09	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.38	25.16	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.02	24.80	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.64	25.42	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.31	25.09	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.47	25.25	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.00	24.78	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.34	25.12	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.53	25.31	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.60	25.38	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.13	24.91	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.09	24.87	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.01	24.79	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.06	24.84	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.91	23.69	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.90	24.68	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.97	24.75	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.22	25.00	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.88	23.66	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.09	24.87	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.17	24.95	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.16	24.94	30	PASS

Band4	20MHz	16QAM	20300	100RB#0	21.09	23.87	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.04	23.82	30	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.07	23.85	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.20	23.98	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.83	22.61	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.06	23.84	30	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.20	23.98	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.33	24.11	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.04	22.82	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.04	23.82	30	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.20	23.98	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.21	23.99	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.91	22.69	30	PASS
Band4	20MHz	256QAM	20050	1RB#0	17.79	20.57	30	PASS
Band4	20MHz	256QAM	20050	1RB#49	17.91	20.69	30	PASS
Band4	20MHz	256QAM	20050	1RB#99	17.99	20.77	30	PASS
Band4	20MHz	256QAM	20050	100RB#0	17.84	20.62	30	PASS
Band4	20MHz	256QAM	20175	1RB#0	17.85	20.63	30	PASS
Band4	20MHz	256QAM	20175	1RB#49	17.99	20.77	30	PASS
Band4	20MHz	256QAM	20175	1RB#99	18.13	20.91	30	PASS
Band4	20MHz	256QAM	20175	100RB#0	17.84	20.62	30	PASS
Band4	20MHz	256QAM	20300	1RB#0	17.81	20.59	30	PASS
Band4	20MHz	256QAM	20300	1RB#49	18.10	20.88	30	PASS
Band4	20MHz	256QAM	20300	1RB#99	17.97	20.75	30	PASS
Band4	20MHz	256QAM	20300	100RB#0	17.92	20.70	30	PASS

LTE Band 38

MAX Power

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band38	10MHz	QPSK	38200	1RB#0	25.70	28.63	33	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band38	20MHz	QPSK	38150	1RB#0	25.67	28.60	33	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band38	20MHz	16QAM	38150	1RB#99	24.79	27.72	33	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band38	5MHz	QPSK	37775	1RB#0	25.53	28.46	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	25.53	28.46	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	25.21	28.14	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	24.17	27.10	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	25.34	28.27	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	25.29	28.22	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	25.11	28.04	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	24.16	27.09	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	25.55	28.48	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	25.23	28.16	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	24.98	27.91	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	24.21	27.14	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	24.46	27.39	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	24.34	27.27	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	24.21	27.14	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	23.14	26.07	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	24.44	27.37	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	24.58	27.51	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	24.30	27.23	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	23.13	26.06	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	24.52	27.45	33	PASS
Band38	5MHz	16QAM	38225	1RB#12	24.41	27.34	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	24.33	27.26	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	23.31	26.24	33	PASS
Band38	5MHz	64QAM	37775	1RB#0	23.27	26.20	33	PASS
Band38	5MHz	64QAM	37775	1RB#12	23.26	26.19	33	PASS
Band38	5MHz	64QAM	37775	1RB#24	23.12	26.05	33	PASS
Band38	5MHz	64QAM	37775	25RB#0	22.25	25.18	33	PASS
Band38	5MHz	64QAM	38000	1RB#0	23.16	26.09	33	PASS
Band38	5MHz	64QAM	38000	1RB#12	23.18	26.11	33	PASS
Band38	5MHz	64QAM	38000	1RB#24	23.03	25.96	33	PASS
Band38	5MHz	64QAM	38000	25RB#0	22.34	25.27	33	PASS
Band38	5MHz	64QAM	38225	1RB#0	23.32	26.25	33	PASS
Band38	5MHz	64QAM	38225	1RB#12	23.36	26.29	33	PASS
Band38	5MHz	64QAM	38225	1RB#24	23.18	26.11	33	PASS
Band38	5MHz	64QAM	38225	25RB#0	22.35	25.28	33	PASS
Band38	5MHz	256QAM	37775	1RB#0	20.33	23.26	33	PASS
Band38	5MHz	256QAM	37775	1RB#12	20.33	23.26	33	PASS
Band38	5MHz	256QAM	37775	1RB#24	20.12	23.05	33	PASS
Band38	5MHz	256QAM	37775	25RB#0	20.25	23.18	33	PASS
Band38	5MHz	256QAM	38000	1RB#0	20.44	23.37	33	PASS
Band38	5MHz	256QAM	38000	1RB#12	20.36	23.29	33	PASS
Band38	5MHz	256QAM	38000	1RB#24	20.04	22.97	33	PASS

Band38	5MHz	256QAM	38000	25RB#0	20.27	23.20	33	PASS
Band38	5MHz	256QAM	38225	1RB#0	20.27	23.20	33	PASS
Band38	5MHz	256QAM	38225	1RB#12	20.23	23.16	33	PASS
Band38	5MHz	256QAM	38225	1RB#24	20.15	23.08	33	PASS
Band38	5MHz	256QAM	38225	25RB#0	20.39	23.32	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	25.28	28.21	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	25.34	28.27	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	25.15	28.08	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	24.38	27.31	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	25.60	28.53	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	25.42	28.35	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	25.29	28.22	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	24.35	27.28	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	25.70	28.63	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	25.33	28.26	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	25.26	28.19	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	24.46	27.39	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	24.59	27.52	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	24.54	27.47	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	24.43	27.36	33	PASS
Band38	10MHz	16QAM	37800	50RB#0	23.40	26.33	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	24.58	27.51	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	24.60	27.53	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	24.48	27.41	33	PASS
Band38	10MHz	16QAM	38000	50RB#0	23.39	26.32	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	24.60	27.53	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	24.54	27.47	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	24.51	27.44	33	PASS
Band38	10MHz	16QAM	38200	50RB#0	23.45	26.38	33	PASS
Band38	10MHz	64QAM	37800	1RB#0	23.44	26.37	33	PASS
Band38	10MHz	64QAM	37800	1RB#24	23.48	26.41	33	PASS
Band38	10MHz	64QAM	37800	1RB#49	23.24	26.17	33	PASS
Band38	10MHz	64QAM	37800	50RB#0	22.42	25.35	33	PASS
Band38	10MHz	64QAM	38000	1RB#0	23.32	26.25	33	PASS
Band38	10MHz	64QAM	38000	1RB#24	23.50	26.43	33	PASS
Band38	10MHz	64QAM	38000	1RB#49	23.40	26.33	33	PASS
Band38	10MHz	64QAM	38000	50RB#0	22.49	25.42	33	PASS
Band38	10MHz	64QAM	38200	1RB#0	23.43	26.36	33	PASS
Band38	10MHz	64QAM	38200	1RB#24	23.34	26.27	33	PASS
Band38	10MHz	64QAM	38200	1RB#49	23.40	26.33	33	PASS
Band38	10MHz	64QAM	38200	50RB#0	22.42	25.35	33	PASS
Band38	10MHz	256QAM	37800	1RB#0	20.48	23.41	33	PASS
Band38	10MHz	256QAM	37800	1RB#24	20.54	23.47	33	PASS
Band38	10MHz	256QAM	37800	1RB#49	20.31	23.24	33	PASS

Band38	10MHz	256QAM	37800	50RB#0	20.59	23.52	33	PASS
Band38	10MHz	256QAM	38000	1RB#0	20.46	23.39	33	PASS
Band38	10MHz	256QAM	38000	1RB#24	20.41	23.34	33	PASS
Band38	10MHz	256QAM	38000	1RB#49	20.34	23.27	33	PASS
Band38	10MHz	256QAM	38000	50RB#0	20.60	23.53	33	PASS
Band38	10MHz	256QAM	38200	1RB#0	20.49	23.42	33	PASS
Band38	10MHz	256QAM	38200	1RB#24	20.52	23.45	33	PASS
Band38	10MHz	256QAM	38200	1RB#49	20.35	23.28	33	PASS
Band38	10MHz	256QAM	38200	50RB#0	20.52	23.45	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	25.35	28.28	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	25.41	28.34	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	25.39	28.32	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	24.55	27.48	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	25.44	28.37	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	25.34	28.27	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	25.32	28.25	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	24.42	27.35	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	25.65	28.58	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	25.39	28.32	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	25.46	28.39	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	24.40	27.33	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	24.56	27.49	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	24.43	27.36	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	24.59	27.52	33	PASS
Band38	15MHz	16QAM	37825	75RB#0	23.55	26.48	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	24.54	27.47	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	24.54	27.47	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	24.51	27.44	33	PASS
Band38	15MHz	16QAM	38000	75RB#0	23.52	26.45	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	24.69	27.62	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	24.64	27.57	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	24.65	27.58	33	PASS
Band38	15MHz	16QAM	38175	75RB#0	23.48	26.41	33	PASS
Band38	15MHz	64QAM	37825	1RB#0	23.44	26.37	33	PASS
Band38	15MHz	64QAM	37825	1RB#38	23.29	26.22	33	PASS
Band38	15MHz	64QAM	37825	1RB#74	23.46	26.39	33	PASS
Band38	15MHz	64QAM	37825	75RB#0	22.63	25.56	33	PASS
Band38	15MHz	64QAM	38000	1RB#0	23.42	26.35	33	PASS
Band38	15MHz	64QAM	38000	1RB#38	23.28	26.21	33	PASS
Band38	15MHz	64QAM	38000	1RB#74	23.46	26.39	33	PASS
Band38	15MHz	64QAM	38000	75RB#0	22.39	25.32	33	PASS
Band38	15MHz	64QAM	38175	1RB#0	23.40	26.33	33	PASS
Band38	15MHz	64QAM	38175	1RB#38	23.25	26.18	33	PASS
Band38	15MHz	64QAM	38175	1RB#74	23.55	26.48	33	PASS

Band38	15MHz	64QAM	38175	75RB#0	22.49	25.42	33	PASS
Band38	15MHz	256QAM	37825	1RB#0	20.51	23.44	33	PASS
Band38	15MHz	256QAM	37825	1RB#38	20.40	23.33	33	PASS
Band38	15MHz	256QAM	37825	1RB#74	20.43	23.36	33	PASS
Band38	15MHz	256QAM	37825	75RB#0	20.60	23.53	33	PASS
Band38	15MHz	256QAM	38000	1RB#0	20.52	23.45	33	PASS
Band38	15MHz	256QAM	38000	1RB#38	20.43	23.36	33	PASS
Band38	15MHz	256QAM	38000	1RB#74	20.49	23.42	33	PASS
Band38	15MHz	256QAM	38000	75RB#0	20.58	23.51	33	PASS
Band38	15MHz	256QAM	38175	1RB#0	20.36	23.29	33	PASS
Band38	15MHz	256QAM	38175	1RB#38	20.48	23.41	33	PASS
Band38	15MHz	256QAM	38175	1RB#74	20.47	23.40	33	PASS
Band38	15MHz	256QAM	38175	75RB#0	20.37	23.30	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	25.19	28.12	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	25.19	28.12	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	25.41	28.34	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	24.37	27.30	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	25.65	28.58	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	25.40	28.33	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	25.30	28.23	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	24.36	27.29	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	25.67	28.60	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	25.37	28.30	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	25.35	28.28	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	24.55	27.48	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	24.53	27.46	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	24.62	27.55	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	24.74	27.67	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	23.48	26.41	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	24.58	27.51	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	24.62	27.55	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	24.52	27.45	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	23.51	26.44	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	24.67	27.60	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	24.65	27.58	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	24.79	27.72	33	PASS
Band38	20MHz	16QAM	38150	100RB#0	23.52	26.45	33	PASS
Band38	20MHz	64QAM	37850	1RB#0	23.39	26.32	33	PASS
Band38	20MHz	64QAM	37850	1RB#49	23.23	26.16	33	PASS
Band38	20MHz	64QAM	37850	1RB#99	23.49	26.42	33	PASS
Band38	20MHz	64QAM	37850	100RB#0	22.42	25.35	33	PASS
Band38	20MHz	64QAM	38000	1RB#0	23.30	26.23	33	PASS
Band38	20MHz	64QAM	38000	1RB#49	23.38	26.31	33	PASS
Band38	20MHz	64QAM	38000	1RB#99	23.40	26.33	33	PASS

Band38	20MHz	64QAM	38000	100RB#0	22.43	25.36	33	PASS
Band38	20MHz	64QAM	38150	1RB#0	23.41	26.34	33	PASS
Band38	20MHz	64QAM	38150	1RB#49	23.45	26.38	33	PASS
Band38	20MHz	64QAM	38150	1RB#99	23.52	26.45	33	PASS
Band38	20MHz	64QAM	38150	100RB#0	22.56	25.49	33	PASS
Band38	20MHz	256QAM	37850	1RB#0	20.37	23.30	33	PASS
Band38	20MHz	256QAM	37850	1RB#49	20.42	23.35	33	PASS
Band38	20MHz	256QAM	37850	1RB#99	20.41	23.34	33	PASS
Band38	20MHz	256QAM	37850	100RB#0	20.64	23.57	33	PASS
Band38	20MHz	256QAM	38000	1RB#0	20.53	23.46	33	PASS
Band38	20MHz	256QAM	38000	1RB#49	20.48	23.41	33	PASS
Band38	20MHz	256QAM	38000	1RB#99	20.63	23.56	33	PASS
Band38	20MHz	256QAM	38000	100RB#0	20.54	23.47	33	PASS
Band38	20MHz	256QAM	38150	1RB#0	20.35	23.28	33	PASS
Band38	20MHz	256QAM	38150	1RB#49	20.48	23.41	33	PASS
Band38	20MHz	256QAM	38150	1RB#99	20.54	23.47	33	PASS
Band38	20MHz	256QAM	38150	100RB#0	20.57	23.50	33	PASS

LTE Band 41

MAX Power

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band41	10MHz	QPSK	40620	1RB#0	26.15	29.77	33	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band41	10MHz	16QAM	39700	1RB#0	25.13	28.75	33	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band41	10MHz	16QAM	39700	1RB#24	25.07	28.69	33	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band41	5MHz	QPSK	39675	1RB#0	25.5	29.12	33	PASS
Band41	5MHz	QPSK	39675	1RB#12	25.57	29.19	33	PASS
Band41	5MHz	QPSK	39675	1RB#24	25.57	29.19	33	PASS
Band41	5MHz	QPSK	39675	25RB#0	24.62	28.24	33	PASS
Band41	5MHz	QPSK	40620	1RB#0	26.07	29.69	33	PASS
Band41	5MHz	QPSK	40620	1RB#12	25.45	29.07	33	PASS
Band41	5MHz	QPSK	40620	1RB#24	25.65	29.27	33	PASS
Band41	5MHz	QPSK	40620	25RB#0	24.52	28.14	33	PASS
Band41	5MHz	QPSK	41565	1RB#0	25.88	29.50	33	PASS
Band41	5MHz	QPSK	41565	1RB#12	25.47	29.09	33	PASS
Band41	5MHz	QPSK	41565	1RB#24	25.29	28.91	33	PASS
Band41	5MHz	QPSK	41565	25RB#0	24.53	28.15	33	PASS
Band41	5MHz	16QAM	39675	1RB#0	24.99	28.61	33	PASS
Band41	5MHz	16QAM	39675	1RB#12	24.92	28.54	33	PASS
Band41	5MHz	16QAM	39675	1RB#24	24.87	28.49	33	PASS
Band41	5MHz	16QAM	39675	25RB#0	23.54	27.16	33	PASS
Band41	5MHz	16QAM	40620	1RB#0	24.73	28.35	33	PASS
Band41	5MHz	16QAM	40620	1RB#12	24.66	28.28	33	PASS
Band41	5MHz	16QAM	40620	1RB#24	24.77	28.39	33	PASS
Band41	5MHz	16QAM	40620	25RB#0	23.44	27.06	33	PASS
Band41	5MHz	16QAM	41565	1RB#0	24.78	28.40	33	PASS
Band41	5MHz	16QAM	41565	1RB#12	24.77	28.39	33	PASS
Band41	5MHz	16QAM	41565	1RB#24	24.54	28.16	33	PASS
Band41	5MHz	16QAM	41565	25RB#0	23.4	27.02	33	PASS
Band41	5MHz	64QAM	39675	1RB#0	23.7	27.32	33	PASS
Band41	5MHz	64QAM	39675	1RB#12	23.56	27.18	33	PASS
Band41	5MHz	64QAM	39675	1RB#24	23.6	27.22	33	PASS
Band41	5MHz	64QAM	39675	25RB#0	22.63	26.25	33	PASS
Band41	5MHz	64QAM	40620	1RB#0	23.49	27.11	33	PASS
Band41	5MHz	64QAM	40620	1RB#12	23.5	27.12	33	PASS
Band41	5MHz	64QAM	40620	1RB#24	23.36	26.98	33	PASS
Band41	5MHz	64QAM	40620	25RB#0	22.39	26.01	33	PASS
Band41	5MHz	64QAM	41565	1RB#0	23.23	26.85	33	PASS
Band41	5MHz	64QAM	41565	1RB#12	23.33	26.95	33	PASS
Band41	5MHz	64QAM	41565	1RB#24	23.34	26.96	33	PASS
Band41	5MHz	64QAM	41565	25RB#0	22.48	26.10	33	PASS
Band41	5MHz	256QAM	39675	1RB#0	20.59	24.21	33	PASS
Band41	5MHz	256QAM	39675	1RB#12	20.45	24.07	33	PASS
Band41	5MHz	256QAM	39675	1RB#24	20.52	24.14	33	PASS
Band41	5MHz	256QAM	39675	25RB#0	20.54	24.16	33	PASS
Band41	5MHz	256QAM	40620	1RB#0	20.36	23.98	33	PASS
Band41	5MHz	256QAM	40620	1RB#12	20.53	24.15	33	PASS
Band41	5MHz	256QAM	40620	1RB#24	20.41	24.03	33	PASS

Band41	5MHz	256QAM	40620	25RB#0	20.49	24.11	33	PASS
Band41	5MHz	256QAM	41565	1RB#0	20.48	24.10	33	PASS
Band41	5MHz	256QAM	41565	1RB#12	20.41	24.03	33	PASS
Band41	5MHz	256QAM	41565	1RB#24	20.29	23.91	33	PASS
Band41	5MHz	256QAM	41565	25RB#0	20.47	24.09	33	PASS
Band41	10MHz	QPSK	39700	1RB#0	25.58	29.20	33	PASS
Band41	10MHz	QPSK	39700	1RB#24	25.55	29.17	33	PASS
Band41	10MHz	QPSK	39700	1RB#49	25.78	29.40	33	PASS
Band41	10MHz	QPSK	39700	50RB#0	24.84	28.46	33	PASS
Band41	10MHz	QPSK	40620	1RB#0	26.15	29.77	33	PASS
Band41	10MHz	QPSK	40620	1RB#24	25.49	29.11	33	PASS
Band41	10MHz	QPSK	40620	1RB#49	25.42	29.04	33	PASS
Band41	10MHz	QPSK	40620	50RB#0	24.57	28.19	33	PASS
Band41	10MHz	QPSK	41540	1RB#0	25.83	29.45	33	PASS
Band41	10MHz	QPSK	41540	1RB#24	25.35	28.97	33	PASS
Band41	10MHz	QPSK	41540	1RB#49	25.31	28.93	33	PASS
Band41	10MHz	QPSK	41540	50RB#0	24.26	27.88	33	PASS
Band41	10MHz	16QAM	39700	1RB#0	25.13	28.75	33	PASS
Band41	10MHz	16QAM	39700	1RB#24	25.07	28.69	33	PASS
Band41	10MHz	16QAM	39700	1RB#49	25.06	28.68	33	PASS
Band41	10MHz	16QAM	39700	50RB#0	23.84	27.46	33	PASS
Band41	10MHz	16QAM	40620	1RB#0	24.79	28.41	33	PASS
Band41	10MHz	16QAM	40620	1RB#24	24.88	28.50	33	PASS
Band41	10MHz	16QAM	40620	1RB#49	24.76	28.38	33	PASS
Band41	10MHz	16QAM	40620	50RB#0	23.66	27.28	33	PASS
Band41	10MHz	16QAM	41540	1RB#0	24.67	28.29	33	PASS
Band41	10MHz	16QAM	41540	1RB#24	24.56	28.18	33	PASS
Band41	10MHz	16QAM	41540	1RB#49	24.5	28.12	33	PASS
Band41	10MHz	16QAM	41540	50RB#0	23.51	27.13	33	PASS
Band41	10MHz	64QAM	39700	1RB#0	23.69	27.31	33	PASS
Band41	10MHz	64QAM	39700	1RB#24	23.53	27.15	33	PASS
Band41	10MHz	64QAM	39700	1RB#49	23.69	27.31	33	PASS
Band41	10MHz	64QAM	39700	50RB#0	22.7	26.32	33	PASS
Band41	10MHz	64QAM	40620	1RB#0	23.64	27.26	33	PASS
Band41	10MHz	64QAM	40620	1RB#24	23.56	27.18	33	PASS
Band41	10MHz	64QAM	40620	1RB#49	23.54	27.16	33	PASS
Band41	10MHz	64QAM	40620	50RB#0	22.43	26.05	33	PASS
Band41	10MHz	64QAM	41540	1RB#0	23.47	27.09	33	PASS
Band41	10MHz	64QAM	41540	1RB#24	23.48	27.10	33	PASS
Band41	10MHz	64QAM	41540	1RB#49	23.29	26.91	33	PASS
Band41	10MHz	64QAM	41540	50RB#0	22.41	26.03	33	PASS
Band41	10MHz	256QAM	39700	1RB#0	20.46	24.08	33	PASS
Band41	10MHz	256QAM	39700	1RB#24	20.56	24.18	33	PASS
Band41	10MHz	256QAM	39700	1RB#49	20.58	24.20	33	PASS

Band41	10MHz	256QAM	39700	50RB#0	20.72	24.34	33	PASS
Band41	10MHz	256QAM	40620	1RB#0	20.6	24.22	33	PASS
Band41	10MHz	256QAM	40620	1RB#24	20.45	24.07	33	PASS
Band41	10MHz	256QAM	40620	1RB#49	20.33	23.95	33	PASS
Band41	10MHz	256QAM	40620	50RB#0	20.62	24.24	33	PASS
Band41	10MHz	256QAM	41540	1RB#0	20.25	23.87	33	PASS
Band41	10MHz	256QAM	41540	1RB#24	20.28	23.90	33	PASS
Band41	10MHz	256QAM	41540	1RB#49	20.27	23.89	33	PASS
Band41	10MHz	256QAM	41540	50RB#0	20.58	24.20	33	PASS
Band41	15MHz	QPSK	39725	1RB#0	25.58	29.20	33	PASS
Band41	15MHz	QPSK	39725	1RB#38	25.64	29.26	33	PASS
Band41	15MHz	QPSK	39725	1RB#74	25.52	29.14	33	PASS
Band41	15MHz	QPSK	39725	75RB#0	24.72	28.34	33	PASS
Band41	15MHz	QPSK	40620	1RB#0	26.12	29.74	33	PASS
Band41	15MHz	QPSK	40620	1RB#38	25.55	29.17	33	PASS
Band41	15MHz	QPSK	40620	1RB#74	25.44	29.06	33	PASS
Band41	15MHz	QPSK	40620	75RB#0	24.48	28.10	33	PASS
Band41	15MHz	QPSK	41515	1RB#0	25.87	29.49	33	PASS
Band41	15MHz	QPSK	41515	1RB#38	25.38	29.00	33	PASS
Band41	15MHz	QPSK	41515	1RB#74	25.47	29.09	33	PASS
Band41	15MHz	QPSK	41515	75RB#0	24.34	27.96	33	PASS
Band41	15MHz	16QAM	39725	1RB#0	24.94	28.56	33	PASS
Band41	15MHz	16QAM	39725	1RB#38	24.99	28.61	33	PASS
Band41	15MHz	16QAM	39725	1RB#74	25.07	28.69	33	PASS
Band41	15MHz	16QAM	39725	75RB#0	23.84	27.46	33	PASS
Band41	15MHz	16QAM	40620	1RB#0	24.7	28.32	33	PASS
Band41	15MHz	16QAM	40620	1RB#38	24.79	28.41	33	PASS
Band41	15MHz	16QAM	40620	1RB#74	24.82	28.44	33	PASS
Band41	15MHz	16QAM	40620	75RB#0	23.57	27.19	33	PASS
Band41	15MHz	16QAM	41515	1RB#0	24.47	28.09	33	PASS
Band41	15MHz	16QAM	41515	1RB#38	24.56	28.18	33	PASS
Band41	15MHz	16QAM	41515	1RB#74	24.62	28.24	33	PASS
Band41	15MHz	16QAM	41515	75RB#0	23.33	26.95	33	PASS
Band41	15MHz	64QAM	39725	1RB#0	23.55	27.17	33	PASS
Band41	15MHz	64QAM	39725	1RB#38	23.71	27.33	33	PASS
Band41	15MHz	64QAM	39725	1RB#74	23.77	27.39	33	PASS
Band41	15MHz	64QAM	39725	75RB#0	22.71	26.33	33	PASS
Band41	15MHz	64QAM	40620	1RB#0	23.61	27.23	33	PASS
Band41	15MHz	64QAM	40620	1RB#38	23.37	26.99	33	PASS
Band41	15MHz	64QAM	40620	1RB#74	23.39	27.01	33	PASS
Band41	15MHz	64QAM	40620	75RB#0	22.68	26.30	33	PASS
Band41	15MHz	64QAM	41515	1RB#0	23.3	26.92	33	PASS
Band41	15MHz	64QAM	41515	1RB#38	23.34	26.96	33	PASS
Band41	15MHz	64QAM	41515	1RB#74	23.27	26.89	33	PASS

Band41	15MHz	64QAM	41515	75RB#0	22.44	26.06	33	PASS
Band41	15MHz	256QAM	39725	1RB#0	20.66	24.28	33	PASS
Band41	15MHz	256QAM	39725	1RB#38	20.55	24.17	33	PASS
Band41	15MHz	256QAM	39725	1RB#74	20.65	24.27	33	PASS
Band41	15MHz	256QAM	39725	75RB#0	20.56	24.18	33	PASS
Band41	15MHz	256QAM	40620	1RB#0	20.35	23.97	33	PASS
Band41	15MHz	256QAM	40620	1RB#38	20.39	24.01	33	PASS
Band41	15MHz	256QAM	40620	1RB#74	20.56	24.18	33	PASS
Band41	15MHz	256QAM	40620	75RB#0	20.45	24.07	33	PASS
Band41	15MHz	256QAM	41515	1RB#0	20.34	23.96	33	PASS
Band41	15MHz	256QAM	41515	1RB#38	20.34	23.96	33	PASS
Band41	15MHz	256QAM	41515	1RB#74	20.41	24.03	33	PASS
Band41	15MHz	256QAM	41515	75RB#0	20.36	23.98	33	PASS
Band41	20MHz	QPSK	39750	1RB#0	25.48	29.10	33	PASS
Band41	20MHz	QPSK	39750	1RB#49	25.6	29.22	33	PASS
Band41	20MHz	QPSK	39750	1RB#99	25.7	29.32	33	PASS
Band41	20MHz	QPSK	39750	100RB#0	24.7	28.32	33	PASS
Band41	20MHz	QPSK	40620	1RB#0	26.15	29.77	33	PASS
Band41	20MHz	QPSK	40620	1RB#49	25.48	29.10	33	PASS
Band41	20MHz	QPSK	40620	1RB#99	25.42	29.04	33	PASS
Band41	20MHz	QPSK	40620	100RB#0	24.35	27.97	33	PASS
Band41	20MHz	QPSK	41490	1RB#0	25.98	29.60	33	PASS
Band41	20MHz	QPSK	41490	1RB#49	25.47	29.09	33	PASS
Band41	20MHz	QPSK	41490	1RB#99	25.33	28.95	33	PASS
Band41	20MHz	QPSK	41490	100RB#0	24.29	27.91	33	PASS
Band41	20MHz	16QAM	39750	1RB#0	25	28.62	33	PASS
Band41	20MHz	16QAM	39750	1RB#49	25.07	28.69	33	PASS
Band41	20MHz	16QAM	39750	1RB#99	25.01	28.63	33	PASS
Band41	20MHz	16QAM	39750	100RB#0	23.74	27.36	33	PASS
Band41	20MHz	16QAM	40620	1RB#0	24.92	28.54	33	PASS
Band41	20MHz	16QAM	40620	1RB#49	24.85	28.47	33	PASS
Band41	20MHz	16QAM	40620	1RB#99	24.62	28.24	33	PASS
Band41	20MHz	16QAM	40620	100RB#0	23.49	27.11	33	PASS
Band41	20MHz	16QAM	41490	1RB#0	24.63	28.25	33	PASS
Band41	20MHz	16QAM	41490	1RB#49	24.63	28.25	33	PASS
Band41	20MHz	16QAM	41490	1RB#99	24.49	28.11	33	PASS
Band41	20MHz	16QAM	41490	100RB#0	23.45	27.07	33	PASS
Band41	20MHz	64QAM	39750	1RB#0	23.62	27.24	33	PASS
Band41	20MHz	64QAM	39750	1RB#49	23.63	27.25	33	PASS
Band41	20MHz	64QAM	39750	1RB#99	23.6	27.22	33	PASS
Band41	20MHz	64QAM	39750	100RB#0	22.69	26.31	33	PASS
Band41	20MHz	64QAM	40620	1RB#0	23.47	27.09	33	PASS
Band41	20MHz	64QAM	40620	1RB#49	23.24	26.86	33	PASS
Band41	20MHz	64QAM	40620	1RB#99	23.42	27.04	33	PASS

Band41	20MHz	64QAM	40620	100RB#0	22.53	26.15	33	PASS
Band41	20MHz	64QAM	41490	1RB#0	23.48	27.10	33	PASS
Band41	20MHz	64QAM	41490	1RB#49	23.34	26.96	33	PASS
Band41	20MHz	64QAM	41490	1RB#99	23.3	26.92	33	PASS
Band41	20MHz	64QAM	41490	100RB#0	22.41	26.03	33	PASS
Band41	20MHz	256QAM	39750	1RB#0	20.54	24.16	33	PASS
Band41	20MHz	256QAM	39750	1RB#49	20.56	24.18	33	PASS
Band41	20MHz	256QAM	39750	1RB#99	20.69	24.31	33	PASS
Band41	20MHz	256QAM	39750	100RB#0	20.78	24.40	33	PASS
Band41	20MHz	256QAM	40620	1RB#0	20.52	24.14	33	PASS
Band41	20MHz	256QAM	40620	1RB#49	20.37	23.99	33	PASS
Band41	20MHz	256QAM	40620	1RB#99	20.47	24.09	33	PASS
Band41	20MHz	256QAM	40620	100RB#0	20.27	23.89	33	PASS
Band41	20MHz	256QAM	41490	1RB#0	20.38	24.00	33	PASS
Band41	20MHz	256QAM	41490	1RB#49	20.42	24.04	33	PASS
Band41	20MHz	256QAM	41490	1RB#99	20.32	23.94	33	PASS
Band41	20MHz	256QAM	41490	100RB#0	20.36	23.98	33	PASS

LTE Band 42

MAX Power

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band42	15MHz	QPSK	43015	1RB#0	22.40	27.22	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band42	20MHz	QPSK	42990	1RB#0	22.21	27.03	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band42	10MHz	16QAM	42140	1RB#0	21.41	26.23	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band42	20MHz	16QAM	42590	1RB#99	21.37	26.19	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band42	5MHz	QPSK	42115	1RB#0	22.08	26.90	30	PASS
Band42	5MHz	QPSK	42115	1RB#12	22.16	26.98	30	PASS
Band42	5MHz	QPSK	42115	1RB#24	22.1	26.92	30	PASS
Band42	5MHz	QPSK	42115	25RB#0	21.07	25.89	30	PASS
Band42	5MHz	QPSK	42590	1RB#0	22.31	27.13	30	PASS
Band42	5MHz	QPSK	42590	1RB#12	21.9	26.72	30	PASS
Band42	5MHz	QPSK	42590	1RB#24	22.09	26.91	30	PASS
Band42	5MHz	QPSK	42590	25RB#0	20.94	25.76	30	PASS
Band42	5MHz	QPSK	43065	1RB#0	22.29	27.11	30	PASS
Band42	5MHz	QPSK	43065	1RB#12	21.86	26.68	30	PASS
Band42	5MHz	QPSK	43065	1RB#24	21.94	26.76	30	PASS
Band42	5MHz	QPSK	43065	25RB#0	20.71	25.53	30	PASS
Band42	5MHz	16QAM	42115	1RB#0	21.19	26.01	30	PASS
Band42	5MHz	16QAM	42115	1RB#12	21.08	25.90	30	PASS
Band42	5MHz	16QAM	42115	1RB#24	21.22	26.04	30	PASS
Band42	5MHz	16QAM	42115	25RB#0	20.26	25.08	30	PASS
Band42	5MHz	16QAM	42590	1RB#0	21.1	25.92	30	PASS
Band42	5MHz	16QAM	42590	1RB#12	20.94	25.76	30	PASS
Band42	5MHz	16QAM	42590	1RB#24	21.09	25.91	30	PASS
Band42	5MHz	16QAM	42590	25RB#0	20	24.82	30	PASS
Band42	5MHz	16QAM	43065	1RB#0	20.94	25.76	30	PASS
Band42	5MHz	16QAM	43065	1RB#12	21.02	25.84	30	PASS
Band42	5MHz	16QAM	43065	1RB#24	20.9	25.72	30	PASS
Band42	5MHz	16QAM	43065	25RB#0	19.98	24.80	30	PASS
Band42	5MHz	64QAM	42115	1RB#0	19.79	24.61	30	PASS
Band42	5MHz	64QAM	42115	1RB#12	19.72	24.54	30	PASS
Band42	5MHz	64QAM	42115	1RB#24	19.79	24.61	30	PASS
Band42	5MHz	64QAM	42115	25RB#0	19.13	23.95	30	PASS
Band42	5MHz	64QAM	42590	1RB#0	19.74	24.56	30	PASS
Band42	5MHz	64QAM	42590	1RB#12	19.85	24.67	30	PASS
Band42	5MHz	64QAM	42590	1RB#24	19.84	24.66	30	PASS
Band42	5MHz	64QAM	42590	25RB#0	18.97	23.79	30	PASS
Band42	5MHz	64QAM	43065	1RB#0	19.71	24.53	30	PASS
Band42	5MHz	64QAM	43065	1RB#12	19.67	24.49	30	PASS
Band42	5MHz	64QAM	43065	1RB#24	19.65	24.47	30	PASS
Band42	5MHz	64QAM	43065	25RB#0	19.04	23.86	30	PASS
Band42	5MHz	256QAM	42115	1RB#0	17	21.82	30	PASS
Band42	5MHz	256QAM	42115	1RB#12	16.9	21.72	30	PASS
Band42	5MHz	256QAM	42115	1RB#24	17.09	21.91	30	PASS
Band42	5MHz	256QAM	42115	25RB#0	17.11	21.93	30	PASS
Band42	5MHz	256QAM	42590	1RB#0	17.02	21.84	30	PASS
Band42	5MHz	256QAM	42590	1RB#12	16.83	21.65	30	PASS
Band42	5MHz	256QAM	42590	1RB#24	16.89	21.71	30	PASS

Band42	5MHz	256QAM	42590	25RB#0	16.97	21.79	30	PASS
Band42	5MHz	256QAM	43065	1RB#0	16.82	21.64	30	PASS
Band42	5MHz	256QAM	43065	1RB#12	16.88	21.70	30	PASS
Band42	5MHz	256QAM	43065	1RB#24	16.83	21.65	30	PASS
Band42	5MHz	256QAM	43065	25RB#0	16.89	21.71	30	PASS
Band42	10MHz	QPSK	42140	1RB#0	22.28	27.10	30	PASS
Band42	10MHz	QPSK	42140	1RB#24	22.09	26.91	30	PASS
Band42	10MHz	QPSK	42140	1RB#49	22.11	26.93	30	PASS
Band42	10MHz	QPSK	42140	50RB#0	20.94	25.76	30	PASS
Band42	10MHz	QPSK	42590	1RB#0	22.34	27.16	30	PASS
Band42	10MHz	QPSK	42590	1RB#24	21.85	26.67	30	PASS
Band42	10MHz	QPSK	42590	1RB#49	21.85	26.67	30	PASS
Band42	10MHz	QPSK	42590	50RB#0	20.98	25.80	30	PASS
Band42	10MHz	QPSK	43040	1RB#0	22.33	27.15	30	PASS
Band42	10MHz	QPSK	43040	1RB#24	21.89	26.71	30	PASS
Band42	10MHz	QPSK	43040	1RB#49	21.85	26.67	30	PASS
Band42	10MHz	QPSK	43040	50RB#0	20.88	25.70	30	PASS
Band42	10MHz	16QAM	42140	1RB#0	21.41	26.23	30	PASS
Band42	10MHz	16QAM	42140	1RB#24	21.38	26.20	30	PASS
Band42	10MHz	16QAM	42140	1RB#49	21.2	26.02	30	PASS
Band42	10MHz	16QAM	42140	50RB#0	20.17	24.99	30	PASS
Band42	10MHz	16QAM	42590	1RB#0	21.25	26.07	30	PASS
Band42	10MHz	16QAM	42590	1RB#24	21.08	25.90	30	PASS
Band42	10MHz	16QAM	42590	1RB#49	21.28	26.10	30	PASS
Band42	10MHz	16QAM	42590	50RB#0	20.05	24.87	30	PASS
Band42	10MHz	16QAM	43040	1RB#0	21.36	26.18	30	PASS
Band42	10MHz	16QAM	43040	1RB#24	21.19	26.01	30	PASS
Band42	10MHz	16QAM	43040	1RB#49	21.25	26.07	30	PASS
Band42	10MHz	16QAM	43040	50RB#0	19.98	24.80	30	PASS
Band42	10MHz	64QAM	42140	1RB#0	20.17	24.99	30	PASS
Band42	10MHz	64QAM	42140	1RB#24	20.08	24.90	30	PASS
Band42	10MHz	64QAM	42140	1RB#49	20.24	25.06	30	PASS
Band42	10MHz	64QAM	42140	50RB#0	19.32	24.14	30	PASS
Band42	10MHz	64QAM	42590	1RB#0	20.06	24.88	30	PASS
Band42	10MHz	64QAM	42590	1RB#24	20.02	24.84	30	PASS
Band42	10MHz	64QAM	42590	1RB#49	20.16	24.98	30	PASS
Band42	10MHz	64QAM	42590	50RB#0	19.22	24.04	30	PASS
Band42	10MHz	64QAM	43040	1RB#0	19.93	24.75	30	PASS
Band42	10MHz	64QAM	43040	1RB#24	20.09	24.91	30	PASS
Band42	10MHz	64QAM	43040	1RB#49	19.92	24.74	30	PASS
Band42	10MHz	64QAM	43040	50RB#0	19.06	23.88	30	PASS
Band42	10MHz	256QAM	42140	1RB#0	17.24	22.06	30	PASS
Band42	10MHz	256QAM	42140	1RB#24	17.17	21.99	30	PASS
Band42	10MHz	256QAM	42140	1RB#49	17.18	22.00	30	PASS

Band42	10MHz	256QAM	42140	50RB#0	17.14	21.96	30	PASS
Band42	10MHz	256QAM	42590	1RB#0	17.06	21.88	30	PASS
Band42	10MHz	256QAM	42590	1RB#24	17.07	21.89	30	PASS
Band42	10MHz	256QAM	42590	1RB#49	17.03	21.85	30	PASS
Band42	10MHz	256QAM	42590	50RB#0	17.19	22.01	30	PASS
Band42	10MHz	256QAM	43040	1RB#0	16.97	21.79	30	PASS
Band42	10MHz	256QAM	43040	1RB#24	16.93	21.75	30	PASS
Band42	10MHz	256QAM	43040	1RB#49	17.05	21.87	30	PASS
Band42	10MHz	256QAM	43040	50RB#0	17.07	21.89	30	PASS
Band42	15MHz	QPSK	42165	1RB#0	22.35	27.17	30	PASS
Band42	15MHz	QPSK	42165	1RB#38	21.82	26.64	30	PASS
Band42	15MHz	QPSK	42165	1RB#74	21.92	26.74	30	PASS
Band42	15MHz	QPSK	42165	75RB#0	20.96	25.78	30	PASS
Band42	15MHz	QPSK	42590	1RB#0	22.24	27.06	30	PASS
Band42	15MHz	QPSK	42590	1RB#38	21.79	26.61	30	PASS
Band42	15MHz	QPSK	42590	1RB#74	21.85	26.67	30	PASS
Band42	15MHz	QPSK	42590	75RB#0	20.93	25.75	30	PASS
Band42	15MHz	QPSK	43015	1RB#0	22.4	27.22	30	PASS
Band42	15MHz	QPSK	43015	1RB#38	22.01	26.83	30	PASS
Band42	15MHz	QPSK	43015	1RB#74	22.06	26.88	30	PASS
Band42	15MHz	QPSK	43015	75RB#0	20.85	25.67	30	PASS
Band42	15MHz	16QAM	42165	1RB#0	21.18	26.00	30	PASS
Band42	15MHz	16QAM	42165	1RB#38	21.19	26.01	30	PASS
Band42	15MHz	16QAM	42165	1RB#74	21.13	25.95	30	PASS
Band42	15MHz	16QAM	42165	75RB#0	20.05	24.87	30	PASS
Band42	15MHz	16QAM	42590	1RB#0	21.06	25.88	30	PASS
Band42	15MHz	16QAM	42590	1RB#38	21.06	25.88	30	PASS
Band42	15MHz	16QAM	42590	1RB#74	21.28	26.10	30	PASS
Band42	15MHz	16QAM	42590	75RB#0	20	24.82	30	PASS
Band42	15MHz	16QAM	43015	1RB#0	21.25	26.07	30	PASS
Band42	15MHz	16QAM	43015	1RB#38	21.05	25.87	30	PASS
Band42	15MHz	16QAM	43015	1RB#74	21.28	26.10	30	PASS
Band42	15MHz	16QAM	43015	75RB#0	20.08	24.90	30	PASS
Band42	15MHz	64QAM	42165	1RB#0	19.95	24.77	30	PASS
Band42	15MHz	64QAM	42165	1RB#38	20.02	24.84	30	PASS
Band42	15MHz	64QAM	42165	1RB#74	19.91	24.73	30	PASS
Band42	15MHz	64QAM	42165	75RB#0	19.14	23.96	30	PASS
Band42	15MHz	64QAM	42590	1RB#0	20	24.82	30	PASS
Band42	15MHz	64QAM	42590	1RB#38	20.12	24.94	30	PASS
Band42	15MHz	64QAM	42590	1RB#74	20.12	24.94	30	PASS
Band42	15MHz	64QAM	42590	75RB#0	19.02	23.84	30	PASS
Band42	15MHz	64QAM	43015	1RB#0	20.06	24.88	30	PASS
Band42	15MHz	64QAM	43015	1RB#38	20.18	25.00	30	PASS
Band42	15MHz	64QAM	43015	1RB#74	20.01	24.83	30	PASS

Band42	15MHz	64QAM	43015	75RB#0	19.2	24.02	30	PASS
Band42	15MHz	256QAM	42165	1RB#0	17	21.82	30	PASS
Band42	15MHz	256QAM	42165	1RB#38	17	21.82	30	PASS
Band42	15MHz	256QAM	42165	1RB#74	17.04	21.86	30	PASS
Band42	15MHz	256QAM	42165	75RB#0	17.19	22.01	30	PASS
Band42	15MHz	256QAM	42590	1RB#0	16.9	21.72	30	PASS
Band42	15MHz	256QAM	42590	1RB#38	16.94	21.76	30	PASS
Band42	15MHz	256QAM	42590	1RB#74	17.05	21.87	30	PASS
Band42	15MHz	256QAM	42590	75RB#0	17.06	21.88	30	PASS
Band42	15MHz	256QAM	43015	1RB#0	17.11	21.93	30	PASS
Band42	15MHz	256QAM	43015	1RB#38	17.03	21.85	30	PASS
Band42	15MHz	256QAM	43015	1RB#74	17.12	21.94	30	PASS
Band42	15MHz	256QAM	43015	75RB#0	17.2	22.02	30	PASS
Band42	20MHz	QPSK	42190	1RB#0	22.13	26.95	30	PASS
Band42	20MHz	QPSK	42190	1RB#49	21.71	26.53	30	PASS
Band42	20MHz	QPSK	42190	1RB#99	21.98	26.80	30	PASS
Band42	20MHz	QPSK	42190	100RB#0	20.94	25.76	30	PASS
Band42	20MHz	QPSK	42590	1RB#0	22.1	26.92	30	PASS
Band42	20MHz	QPSK	42590	1RB#49	21.88	26.70	30	PASS
Band42	20MHz	QPSK	42590	1RB#99	21.96	26.78	30	PASS
Band42	20MHz	QPSK	42590	100RB#0	20.9	25.72	30	PASS
Band42	20MHz	QPSK	42990	1RB#0	22.21	27.03	30	PASS
Band42	20MHz	QPSK	42990	1RB#49	21.97	26.79	30	PASS
Band42	20MHz	QPSK	42990	1RB#99	22.12	26.94	30	PASS
Band42	20MHz	QPSK	42990	100RB#0	20.91	25.73	30	PASS
Band42	20MHz	16QAM	42190	1RB#0	21.05	25.87	30	PASS
Band42	20MHz	16QAM	42190	1RB#49	21.19	26.01	30	PASS
Band42	20MHz	16QAM	42190	1RB#99	21.21	26.03	30	PASS
Band42	20MHz	16QAM	42190	100RB#0	20.19	25.01	30	PASS
Band42	20MHz	16QAM	42590	1RB#0	21.19	26.01	30	PASS
Band42	20MHz	16QAM	42590	1RB#49	21.06	25.88	30	PASS
Band42	20MHz	16QAM	42590	1RB#99	21.37	26.19	30	PASS
Band42	20MHz	16QAM	42590	100RB#0	20.12	24.94	30	PASS
Band42	20MHz	16QAM	42990	1RB#0	21.05	25.87	30	PASS
Band42	20MHz	16QAM	42990	1RB#49	21.37	26.19	30	PASS
Band42	20MHz	16QAM	42990	1RB#99	21.37	26.19	30	PASS
Band42	20MHz	16QAM	42990	100RB#0	20.13	24.95	30	PASS
Band42	20MHz	64QAM	42190	1RB#0	20.04	24.86	30	PASS
Band42	20MHz	64QAM	42190	1RB#49	20.09	24.91	30	PASS
Band42	20MHz	64QAM	42190	1RB#99	20.04	24.86	30	PASS
Band42	20MHz	64QAM	42190	100RB#0	19.13	23.95	30	PASS
Band42	20MHz	64QAM	42590	1RB#0	19.9	24.72	30	PASS
Band42	20MHz	64QAM	42590	1RB#49	20.07	24.89	30	PASS
Band42	20MHz	64QAM	42590	1RB#99	20.08	24.90	30	PASS

Band42	20MHz	64QAM	42590	100RB#0	19.04	23.86	30	PASS
Band42	20MHz	64QAM	42990	1RB#0	20.03	24.85	30	PASS
Band42	20MHz	64QAM	42990	1RB#49	20.05	24.87	30	PASS
Band42	20MHz	64QAM	42990	1RB#99	20.12	24.94	30	PASS
Band42	20MHz	64QAM	42990	100RB#0	19.13	23.95	30	PASS
Band42	20MHz	256QAM	42190	1RB#0	17.07	21.89	30	PASS
Band42	20MHz	256QAM	42190	1RB#49	17	21.82	30	PASS
Band42	20MHz	256QAM	42190	1RB#99	17.08	21.90	30	PASS
Band42	20MHz	256QAM	42190	100RB#0	17.2	22.02	30	PASS
Band42	20MHz	256QAM	42590	1RB#0	16.97	21.79	30	PASS
Band42	20MHz	256QAM	42590	1RB#49	17	21.82	30	PASS
Band42	20MHz	256QAM	42590	1RB#99	17.15	21.97	30	PASS
Band42	20MHz	256QAM	42590	100RB#0	17.08	21.90	30	PASS
Band42	20MHz	256QAM	42990	1RB#0	16.86	21.68	30	PASS
Band42	20MHz	256QAM	42990	1RB#49	17.17	21.99	30	PASS
Band42	20MHz	256QAM	42990	1RB#99	17.15	21.97	30	PASS
Band42	20MHz	256QAM	42990	100RB#0	17.06	21.88	30	PASS

LTE Band 66

MAX Power

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	132322	1RB#0	22.88	25.66	33	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	20MHz	QPSK	132572	1RB#0	22.79	25.57	33	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	20MHz	16QAM	132572	1RB#99	22.21	24.99	33	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band66	1.4MHz	QPSK	131979	1RB#0	22.58	25.36	33	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.34	25.12	33	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.27	25.05	33	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.83	24.61	33	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.88	25.66	33	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.24	25.02	33	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.09	24.87	33	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.89	24.67	33	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.84	25.62	33	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.42	25.20	33	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.32	25.10	33	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.06	24.84	33	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.96	24.74	33	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.11	24.89	33	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.81	24.59	33	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.77	23.55	33	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	21.94	24.72	33	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.17	24.95	33	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.01	24.79	33	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.00	23.78	33	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.92	24.70	33	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.98	24.76	33	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.85	24.63	33	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.97	23.75	33	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	21.02	23.80	33	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	20.92	23.70	33	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	20.99	23.77	33	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	19.89	22.67	33	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	21.10	23.88	33	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.18	23.96	33	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.13	23.91	33	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	19.77	22.55	33	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	21.24	24.02	33	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	20.89	23.67	33	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	21.11	23.89	33	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	19.79	22.57	33	PASS
Band66	1.4MHz	256QAM	131979	1RB#0	17.79	20.57	33	PASS
Band66	1.4MHz	256QAM	131979	1RB#2	17.84	20.62	33	PASS
Band66	1.4MHz	256QAM	131979	1RB#5	17.95	20.73	33	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	17.67	20.45	33	PASS
Band66	1.4MHz	256QAM	132322	1RB#0	17.86	20.64	33	PASS
Band66	1.4MHz	256QAM	132322	1RB#2	17.87	20.65	33	PASS
Band66	1.4MHz	256QAM	132322	1RB#5	17.98	20.76	33	PASS

Band66	1.4MHz	256QAM	132322	6RB#0	17.72	20.50	33	PASS
Band66	1.4MHz	256QAM	132665	1RB#0	17.94	20.72	33	PASS
Band66	1.4MHz	256QAM	132665	1RB#2	17.82	20.60	33	PASS
Band66	1.4MHz	256QAM	132665	1RB#5	17.97	20.75	33	PASS
Band66	1.4MHz	256QAM	132665	6RB#0	17.73	20.51	33	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.80	25.58	33	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.10	24.88	33	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.34	25.12	33	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.72	24.50	33	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.76	25.54	33	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.22	25.00	33	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.11	24.89	33	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.75	24.53	33	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.27	25.05	33	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.18	24.96	33	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.25	25.03	33	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.92	24.70	33	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.02	24.80	33	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.81	24.59	33	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.99	24.77	33	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.70	23.48	33	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.02	24.80	33	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.04	24.82	33	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.86	24.64	33	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.84	23.62	33	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.04	24.82	33	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.04	24.82	33	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.93	24.71	33	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.00	23.78	33	PASS
Band66	3MHz	64QAM	131987	1RB#0	21.01	23.79	33	PASS
Band66	3MHz	64QAM	131987	1RB#8	20.95	23.73	33	PASS
Band66	3MHz	64QAM	131987	1RB#14	20.87	23.65	33	PASS
Band66	3MHz	64QAM	131987	15RB#0	19.77	22.55	33	PASS
Band66	3MHz	64QAM	132322	1RB#0	20.93	23.71	33	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.00	23.78	33	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.12	23.90	33	PASS
Band66	3MHz	64QAM	132322	15RB#0	19.87	22.65	33	PASS
Band66	3MHz	64QAM	132657	1RB#0	20.86	23.64	33	PASS
Band66	3MHz	64QAM	132657	1RB#8	20.96	23.74	33	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.13	23.91	33	PASS
Band66	3MHz	64QAM	132657	15RB#0	19.82	22.60	33	PASS
Band66	3MHz	256QAM	131987	1RB#0	17.78	20.56	33	PASS
Band66	3MHz	256QAM	131987	1RB#8	17.90	20.68	33	PASS
Band66	3MHz	256QAM	131987	1RB#14	17.90	20.68	33	PASS

Band66	3MHz	256QAM	131987	15RB#0	17.60	20.38	33	PASS
Band66	3MHz	256QAM	132322	1RB#0	17.91	20.69	33	PASS
Band66	3MHz	256QAM	132322	1RB#8	17.90	20.68	33	PASS
Band66	3MHz	256QAM	132322	1RB#14	17.83	20.61	33	PASS
Band66	3MHz	256QAM	132322	1RB#14	17.83	20.61	33	PASS
Band66	3MHz	256QAM	132322	15RB#0	17.77	20.55	33	PASS
Band66	3MHz	256QAM	132657	1RB#0	18.00	20.78	33	PASS
Band66	3MHz	256QAM	132657	1RB#8	17.88	20.66	33	PASS
Band66	3MHz	256QAM	132657	1RB#14	17.91	20.69	33	PASS
Band66	3MHz	256QAM	132657	15RB#0	17.81	20.59	33	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.64	25.42	33	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.44	25.22	33	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.23	25.01	33	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.86	24.64	33	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.39	25.17	33	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.21	24.99	33	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.25	25.03	33	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.08	24.86	33	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.87	25.65	33	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.44	25.22	33	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.27	25.05	33	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.09	24.87	33	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.00	24.78	33	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.85	24.63	33	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.07	24.85	33	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.82	23.60	33	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.17	24.95	33	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.10	24.88	33	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.20	24.98	33	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.94	23.72	33	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.99	24.77	33	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.19	24.97	33	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.94	24.72	33	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.76	23.54	33	PASS
Band66	5MHz	64QAM	131997	1RB#0	20.92	23.70	33	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.05	23.83	33	PASS
Band66	5MHz	64QAM	131997	1RB#24	20.93	23.71	33	PASS
Band66	5MHz	64QAM	131997	25RB#0	19.83	22.61	33	PASS
Band66	5MHz	64QAM	132322	1RB#0	21.08	23.86	33	PASS
Band66	5MHz	64QAM	132322	1RB#12	21.08	23.86	33	PASS
Band66	5MHz	64QAM	132322	1RB#24	21.16	23.94	33	PASS
Band66	5MHz	64QAM	132322	25RB#0	19.84	22.62	33	PASS
Band66	5MHz	64QAM	132647	1RB#0	21.15	23.93	33	PASS
Band66	5MHz	64QAM	132647	1RB#12	21.13	23.91	33	PASS

Band66	5MHz	64QAM	132647	1RB#24	21.15	23.93	33	PASS
Band66	5MHz	64QAM	132647	25RB#0	19.94	22.72	33	PASS
Band66	5MHz	256QAM	131997	1RB#0	17.86	20.64	33	PASS
Band66	5MHz	256QAM	131997	1RB#12	17.81	20.59	33	PASS
Band66	5MHz	256QAM	131997	1RB#24	17.82	20.60	33	PASS
Band66	5MHz	256QAM	131997	25RB#0	17.74	20.52	33	PASS
Band66	5MHz	256QAM	132322	1RB#0	17.95	20.73	33	PASS
Band66	5MHz	256QAM	132322	1RB#12	17.84	20.62	33	PASS
Band66	5MHz	256QAM	132322	1RB#24	18.11	20.89	33	PASS
Band66	5MHz	256QAM	132322	25RB#0	17.68	20.46	33	PASS
Band66	5MHz	256QAM	132647	1RB#0	17.96	20.74	33	PASS
Band66	5MHz	256QAM	132647	1RB#12	17.83	20.61	33	PASS
Band66	5MHz	256QAM	132647	1RB#24	17.89	20.67	33	PASS
Band66	5MHz	256QAM	132647	25RB#0	17.78	20.56	33	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.31	25.09	33	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.27	25.05	33	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.21	24.99	33	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.83	24.61	33	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.63	25.41	33	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.31	25.09	33	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.37	25.15	33	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.88	24.66	33	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.26	25.04	33	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.34	25.12	33	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.43	25.21	33	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.89	24.67	33	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.00	24.78	33	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.92	24.70	33	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.93	24.71	33	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.00	23.78	33	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.02	24.80	33	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.07	24.85	33	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.07	24.85	33	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.01	23.79	33	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.06	24.84	33	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.05	24.83	33	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.06	24.84	33	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.88	23.66	33	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.03	23.81	33	PASS
Band66	10MHz	64QAM	132022	1RB#24	21.01	23.79	33	PASS
Band66	10MHz	64QAM	132022	1RB#49	21.00	23.78	33	PASS
Band66	10MHz	64QAM	132022	50RB#0	19.88	22.66	33	PASS
Band66	10MHz	64QAM	132322	1RB#0	20.87	23.65	33	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.09	23.87	33	PASS

Band66	10MHz	64QAM	132322	1RB#49	20.95	23.73	33	PASS
Band66	10MHz	64QAM	132322	50RB#0	19.97	22.75	33	PASS
Band66	10MHz	64QAM	132622	1RB#0	20.98	23.76	33	PASS
Band66	10MHz	64QAM	132622	1RB#24	21.14	23.92	33	PASS
Band66	10MHz	64QAM	132622	1RB#49	21.10	23.88	33	PASS
Band66	10MHz	64QAM	132622	50RB#0	20.01	22.79	33	PASS
Band66	10MHz	256QAM	132022	1RB#0	17.80	20.58	33	PASS
Band66	10MHz	256QAM	132022	1RB#24	17.96	20.74	33	PASS
Band66	10MHz	256QAM	132022	1RB#49	17.93	20.71	33	PASS
Band66	10MHz	256QAM	132022	50RB#0	17.92	20.70	33	PASS
Band66	10MHz	256QAM	132322	1RB#0	17.88	20.66	33	PASS
Band66	10MHz	256QAM	132322	1RB#24	17.93	20.71	33	PASS
Band66	10MHz	256QAM	132322	1RB#49	18.06	20.84	33	PASS
Band66	10MHz	256QAM	132322	50RB#0	17.80	20.58	33	PASS
Band66	10MHz	256QAM	132622	1RB#0	17.96	20.74	33	PASS
Band66	10MHz	256QAM	132622	1RB#24	17.95	20.73	33	PASS
Band66	10MHz	256QAM	132622	1RB#49	17.92	20.70	33	PASS
Band66	10MHz	256QAM	132622	50RB#0	17.74	20.52	33	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.11	24.89	33	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.05	24.83	33	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.15	24.93	33	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.84	24.62	33	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.35	25.13	33	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.23	25.01	33	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.34	25.12	33	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.77	24.55	33	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.29	25.07	33	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.11	24.89	33	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.37	25.15	33	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.82	24.60	33	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.91	24.69	33	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.80	24.58	33	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.93	24.71	33	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.81	23.59	33	PASS
Band66	15MHz	16QAM	132322	1RB#0	21.84	24.62	33	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.01	24.79	33	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.05	24.83	33	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.91	23.69	33	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.92	24.70	33	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.95	24.73	33	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.13	24.91	33	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.94	23.72	33	PASS
Band66	15MHz	64QAM	132047	1RB#0	20.97	23.75	33	PASS
Band66	15MHz	64QAM	132047	1RB#38	20.88	23.66	33	PASS

Band66	15MHz	64QAM	132047	1RB#74	21.06	23.84	33	PASS
Band66	15MHz	64QAM	132047	75RB#0	19.86	22.64	33	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.12	23.90	33	PASS
Band66	15MHz	64QAM	132322	1RB#38	20.98	23.76	33	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.12	23.90	33	PASS
Band66	15MHz	64QAM	132322	75RB#0	19.78	22.56	33	PASS
Band66	15MHz	64QAM	132597	1RB#0	20.89	23.67	33	PASS
Band66	15MHz	64QAM	132597	1RB#38	21.12	23.90	33	PASS
Band66	15MHz	64QAM	132597	1RB#74	21.06	23.84	33	PASS
Band66	15MHz	64QAM	132597	75RB#0	19.92	22.70	33	PASS
Band66	15MHz	256QAM	132047	1RB#0	17.77	20.55	33	PASS
Band66	15MHz	256QAM	132047	1RB#38	17.83	20.61	33	PASS
Band66	15MHz	256QAM	132047	1RB#74	17.86	20.64	33	PASS
Band66	15MHz	256QAM	132047	75RB#0	17.79	20.57	33	PASS
Band66	15MHz	256QAM	132322	1RB#0	17.81	20.59	33	PASS
Band66	15MHz	256QAM	132322	1RB#38	17.97	20.75	33	PASS
Band66	15MHz	256QAM	132322	1RB#74	17.90	20.68	33	PASS
Band66	15MHz	256QAM	132322	75RB#0	17.82	20.60	33	PASS
Band66	15MHz	256QAM	132597	1RB#0	18.00	20.78	33	PASS
Band66	15MHz	256QAM	132597	1RB#38	17.78	20.56	33	PASS
Band66	15MHz	256QAM	132597	1RB#74	17.94	20.72	33	PASS
Band66	15MHz	256QAM	132597	75RB#0	17.76	20.54	33	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.36	25.14	33	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.11	24.89	33	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.28	25.06	33	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.72	24.50	33	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.65	25.43	33	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.25	25.03	33	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.30	25.08	33	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.98	24.76	33	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.79	25.57	33	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.22	25.00	33	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.34	25.12	33	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.94	24.72	33	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.82	24.60	33	PASS
Band66	20MHz	16QAM	132072	1RB#49	21.99	24.77	33	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.03	24.81	33	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.81	23.59	33	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.84	24.62	33	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.15	24.93	33	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.14	24.92	33	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.83	23.61	33	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.89	24.67	33	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.94	24.72	33	PASS

Band66	20MHz	16QAM	132572	1RB#99	22.21	24.99	33	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.95	23.73	33	PASS
Band66	20MHz	64QAM	132072	1RB#0	20.75	23.53	33	PASS
Band66	20MHz	64QAM	132072	1RB#49	20.94	23.72	33	PASS
Band66	20MHz	64QAM	132072	1RB#99	20.95	23.73	33	PASS
Band66	20MHz	64QAM	132072	100RB#0	19.86	22.64	33	PASS
Band66	20MHz	64QAM	132322	1RB#0	20.87	23.65	33	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.11	23.89	33	PASS
Band66	20MHz	64QAM	132322	1RB#99	21.21	23.99	33	PASS
Band66	20MHz	64QAM	132322	100RB#0	19.95	22.73	33	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.00	23.78	33	PASS
Band66	20MHz	64QAM	132572	1RB#49	21.12	23.90	33	PASS
Band66	20MHz	64QAM	132572	1RB#99	20.99	23.77	33	PASS
Band66	20MHz	64QAM	132572	100RB#0	19.76	22.54	33	PASS
Band66	20MHz	256QAM	132072	1RB#0	17.66	20.44	33	PASS
Band66	20MHz	256QAM	132072	1RB#49	17.69	20.47	33	PASS
Band66	20MHz	256QAM	132072	1RB#99	17.77	20.55	33	PASS
Band66	20MHz	256QAM	132072	100RB#0	17.88	20.66	33	PASS
Band66	20MHz	256QAM	132322	1RB#0	17.86	20.64	33	PASS
Band66	20MHz	256QAM	132322	1RB#49	17.85	20.63	33	PASS
Band66	20MHz	256QAM	132322	1RB#99	17.97	20.75	33	PASS
Band66	20MHz	256QAM	132322	100RB#0	17.74	20.52	33	PASS
Band66	20MHz	256QAM	132572	1RB#0	17.72	20.50	33	PASS
Band66	20MHz	256QAM	132572	1RB#49	17.96	20.74	33	PASS
Band66	20MHz	256QAM	132572	1RB#99	18.04	20.82	33	PASS
Band66	20MHz	256QAM	132572	100RB#0	17.87	20.65	33	PASS

LTE Band CA_66B

MAX Power

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
66-66	15MHz-5MHz	QPSK-QPSK	132549-132642	1RB#0-0RB#0	22.15	24.93	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
66-66	15MHz-5MHz	16QAM-16QAM	132549-132642	1RB#0-0RB#0	22.09	24.87	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

66-66	10MHz-10MHz	QPSK-QPSK	132022-132121	1RB#0-0RB#0	21.71	24.49	30	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132022-132121	50RB#0-50RB#0	20.62	23.40	30	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	1RB#0-0RB#0	21.91	24.69	30	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	20.87	23.65	30	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132523-132622	1RB#0-0RB#0	21.93	24.71	30	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132523-132622	50RB#0-50RB#0	20.87	23.65	30	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132022-132121	1RB#0-0RB#0	21.55	24.33	30	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132022-132121	50RB#0-50RB#0	19.75	22.53	30	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132373-132472	1RB#0-0RB#0	21.70	24.48	30	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132373-132472	50RB#0-50RB#0	19.74	22.52	30	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132523-132622	1RB#0-0RB#0	21.66	24.44	30	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132523-132622	50RB#0-50RB#0	19.92	22.70	30	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132022-132121	1RB#0-0RB#0	20.66	23.44	30	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132022-132121	50RB#0-50RB#0	19.62	22.40	30	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132373-132472	1RB#0-0RB#0	20.76	23.54	30	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132373-132472	50RB#0-50RB#0	19.87	22.65	30	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132523-132622	1RB#0-0RB#0	20.73	23.51	30	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132523-132622	50RB#0-50RB#0	19.99	22.77	30	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132022-132121	1RB#0-0RB#0	17.59	20.37	30	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132022-132121	50RB#0-50RB#0	17.56	20.34	30	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132373-132472	1RB#0-0RB#0	17.60	20.38	30	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132373-132472	50RB#0-50RB#0	17.63	20.41	30	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132523-132622	1RB#0-0RB#0	17.58	20.36	30	PASS

66-66	10MHz-10MHz	256QAM-256QAM	132523-132622	50RB#0-50RB#0	17.83	20.61	30	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132022-132094	1RB#0-0RB#0	21.73	24.51	30	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132022-132094	50RB#0-25RB#0	20.64	23.42	30	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132397-132469	1RB#0-0RB#0	21.75	24.53	30	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132397-132469	50RB#0-25RB#0	20.64	23.42	30	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132572-132644	1RB#0-0RB#0	21.77	24.55	30	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132572-132644	50RB#0-25RB#0	20.66	23.44	30	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132022-132094	1RB#0-0RB#0	21.82	24.60	30	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132022-132094	50RB#0-25RB#0	19.65	22.43	30	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132397-132469	1RB#0-0RB#0	21.78	24.56	30	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132397-132469	50RB#0-25RB#0	19.82	22.60	30	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132572-132644	1RB#0-0RB#0	21.62	24.40	30	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132572-132644	50RB#0-25RB#0	19.69	22.47	30	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132022-132094	1RB#0-0RB#0	20.79	23.57	30	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132022-132094	50RB#0-25RB#0	19.68	22.46	30	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132397-132469	1RB#0-0RB#0	20.67	23.45	30	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132397-132469	50RB#0-25RB#0	19.65	22.43	30	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132572-132644	1RB#0-0RB#0	20.54	23.32	30	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132572-132644	50RB#0-25RB#0	19.84	22.62	30	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132022-132094	1RB#0-0RB#0	17.48	20.26	30	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132022-132094	50RB#0-25RB#0	17.64	20.42	30	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132397-132469	1RB#0-0RB#0	17.61	20.39	30	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132397-132469	50RB#0-25RB#0	17.73	20.51	30	PASS

66-66	10MHz-5MHz	256QAM-256QAM	132572-132644	1RB#0-0RB#0	17.51	20.29	30	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132572-132644	50RB#0-25RB#0	17.86	20.64	30	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132047-132140	1RB#0-0RB#0	22.04	24.82	30	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132047-132140	75RB#0-25RB#0	20.75	23.53	30	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132398-132491	1RB#0-0RB#0	22.12	24.90	30	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132398-132491	75RB#0-25RB#0	20.87	23.65	30	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132549-132642	1RB#0-0RB#0	22.15	24.93	30	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132549-132642	75RB#0-25RB#0	20.98	23.76	30	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132047-132140	1RB#0-0RB#0	21.95	24.73	30	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132047-132140	75RB#0-25RB#0	19.67	22.45	30	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132398-132491	1RB#0-0RB#0	22.02	24.80	30	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132398-132491	75RB#0-25RB#0	19.73	22.51	30	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132549-132642	1RB#0-0RB#0	22.09	24.87	30	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132549-132642	75RB#0-25RB#0	19.78	22.56	30	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132047-132140	1RB#0-0RB#0	20.92	23.70	30	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132047-132140	75RB#0-25RB#0	19.76	22.54	30	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132398-132491	1RB#0-0RB#0	21.14	23.92	30	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132398-132491	75RB#0-25RB#0	19.91	22.69	30	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132549-132642	1RB#0-0RB#0	21.03	23.81	30	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132549-132642	75RB#0-25RB#0	20.07	22.85	30	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132047-132140	1RB#0-0RB#0	17.87	20.65	30	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132047-132140	75RB#0-25RB#0	17.76	20.54	30	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132398-132491	1RB#0-0RB#0	17.88	20.66	30	PASS

66-66	15MHz-5MHz	256QAM-256QAM	132398-132491	75RB#0-25RB#0	17.92	20.70	30	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132549-132642	1RB#0-0RB#0	17.79	20.57	30	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132549-132642	75RB#0-25RB#0	18.05	20.83	30	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132000-132072	1RB#0-0RB#0	21.67	24.45	30	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132000-132072	25RB#0-50RB#0	20.69	23.47	30	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132375-132447	1RB#0-0RB#0	21.83	24.61	30	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132375-132447	25RB#0-50RB#0	20.79	23.57	30	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132550-132622	1RB#0-0RB#0	21.73	24.51	30	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132550-132622	25RB#0-50RB#0	20.68	23.46	30	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132000-132072	1RB#0-0RB#0	21.59	24.37	30	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132000-132072	25RB#0-50RB#0	19.68	22.46	30	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132375-132447	1RB#0-0RB#0	21.81	24.59	30	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132375-132447	25RB#0-50RB#0	19.83	22.61	30	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132550-132622	1RB#0-0RB#0	21.58	24.36	30	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132550-132622	25RB#0-50RB#0	19.57	22.35	30	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132000-132072	1RB#0-0RB#0	20.50	23.28	30	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132000-132072	25RB#0-50RB#0	19.71	22.49	30	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132375-132447	1RB#0-0RB#0	20.83	23.61	30	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132375-132447	25RB#0-50RB#0	19.75	22.53	30	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132550-132622	1RB#0-0RB#0	20.74	23.52	30	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132550-132622	25RB#0-50RB#0	19.83	22.61	30	PASS
66-66	5MHz-10MHz	256QAM-256QAM	132000-132072	1RB#0-0RB#0	17.36	20.14	30	PASS
66-66	5MHz-10MHz	256QAM-256QAM	132000-132072	25RB#0-50RB#0	17.55	20.33	30	PASS

66-66	5MHz-10MHz	256QAM-256QAM	132375-132447	1RB#0-0RB#0	17.69	20.47	30	PASS
66-66	5MHz-10MHz	256QAM-256QAM	132375-132447	25RB#0-50RB#0	17.81	20.59	30	PASS
66-66	5MHz-10MHz	256QAM-256QAM	132550-132622	1RB#0-0RB#0	17.65	20.43	30	PASS
66-66	5MHz-10MHz	256QAM-256QAM	132550-132622	25RB#0-50RB#0	17.76	20.54	30	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132002-132095	1RB#0-0RB#0	21.80	24.58	30	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132002-132095	25RB#0-75RB#0	20.56	23.34	30	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132353-132446	1RB#0-0RB#0	21.90	24.68	30	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132353-132446	25RB#0-75RB#0	20.80	23.58	30	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132504-132597	1RB#0-0RB#0	21.93	24.71	30	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132504-132597	25RB#0-75RB#0	20.79	23.57	30	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132002-132095	1RB#0-0RB#0	21.43	24.21	30	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132002-132095	25RB#0-75RB#0	19.51	22.29	30	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132353-132446	1RB#0-0RB#0	21.78	24.56	30	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132353-132446	25RB#0-75RB#0	19.71	22.49	30	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132504-132597	1RB#0-0RB#0	21.71	24.49	30	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132504-132597	25RB#0-75RB#0	19.66	22.44	30	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132002-132095	1RB#0-0RB#0	20.69	23.47	30	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132002-132095	25RB#0-75RB#0	19.57	22.35	30	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132353-132446	1RB#0-0RB#0	20.67	23.45	30	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132353-132446	25RB#0-75RB#0	19.84	22.62	30	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132504-132597	1RB#0-0RB#0	20.76	23.54	30	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132504-132597	25RB#0-75RB#0	19.70	22.48	30	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132002-132095	1RB#0-0RB#0	17.42	20.20	30	PASS

66-66	5MHz-15MHz	256QAM-256QAM	132002-132095	25RB#0-75RB#0	17.64	20.42	30	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132353-132446	1RB#0-0RB#0	17.54	20.32	30	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132353-132446	25RB#0-75RB#0	17.72	20.50	30	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132504-132597	1RB#0-0RB#0	17.57	20.35	30	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132504-132597	25RB#0-75RB#0	17.84	20.62	30	PASS
66-66	5MHz-5MHz	QPSK-QPSK	131997-132045	1RB#0-0RB#0	21.79	24.57	30	PASS
66-66	5MHz-5MHz	QPSK-QPSK	131997-132045	25RB#0-25RB#0	20.58	23.36	30	PASS
66-66	5MHz-5MHz	QPSK-QPSK	132398-132446	1RB#0-0RB#0	21.86	24.64	30	PASS
66-66	5MHz-5MHz	QPSK-QPSK	132398-132446	25RB#0-25RB#0	20.75	23.53	30	PASS
66-66	5MHz-5MHz	QPSK-QPSK	132599-132647	1RB#0-0RB#0	21.93	24.71	30	PASS
66-66	5MHz-5MHz	QPSK-QPSK	132599-132647	25RB#0-25RB#0	20.73	23.51	30	PASS
66-66	5MHz-5MHz	16QAM-16QAM	131997-132045	1RB#0-0RB#0	21.80	24.58	30	PASS
66-66	5MHz-5MHz	16QAM-16QAM	131997-132045	25RB#0-25RB#0	19.62	22.40	30	PASS
66-66	5MHz-5MHz	16QAM-16QAM	132398-132446	1RB#0-0RB#0	21.75	24.53	30	PASS
66-66	5MHz-5MHz	16QAM-16QAM	132398-132446	25RB#0-25RB#0	19.76	22.54	30	PASS
66-66	5MHz-5MHz	16QAM-16QAM	132599-132647	1RB#0-0RB#0	21.77	24.55	30	PASS
66-66	5MHz-5MHz	16QAM-16QAM	132599-132647	25RB#0-25RB#0	19.69	22.47	30	PASS
66-66	5MHz-5MHz	64QAM-64QAM	131997-132045	1RB#0-0RB#0	20.67	23.45	30	PASS
66-66	5MHz-5MHz	64QAM-64QAM	131997-132045	25RB#0-25RB#0	19.66	22.44	30	PASS
66-66	5MHz-5MHz	64QAM-64QAM	132398-132446	1RB#0-0RB#0	20.81	23.59	30	PASS
66-66	5MHz-5MHz	64QAM-64QAM	132398-132446	25RB#0-25RB#0	19.69	22.47	30	PASS
66-66	5MHz-5MHz	64QAM-64QAM	132599-132647	1RB#0-0RB#0	20.81	23.59	30	PASS
66-66	5MHz-5MHz	64QAM-64QAM	132599-132647	25RB#0-25RB#0	19.75	22.53	30	PASS

66-66	5MHz-5MHz	256QAM-256QAM	131997-132045	1RB#0-0RB#0	17.60	20.38	30	PASS
66-66	5MHz-5MHz	256QAM-256QAM	131997-132045	25RB#0-25RB#0	17.55	20.33	30	PASS
66-66	5MHz-5MHz	256QAM-256QAM	132398-132446	1RB#0-0RB#0	17.59	20.37	30	PASS
66-66	5MHz-5MHz	256QAM-256QAM	132398-132446	25RB#0-25RB#0	17.72	20.50	30	PASS
66-66	5MHz-5MHz	256QAM-256QAM	132599-132647	1RB#0-0RB#0	17.60	20.38	30	PASS
66-66	5MHz-5MHz	256QAM-256QAM	132599-132647	25RB#0-25RB#0	17.70	20.48	30	PASS

LTE Band CA_66C

MAX Power

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
66-66	20MHz-5MHz	QPSK-QPSK	132522-132639	1RB#0-0RB#0	22.72	25.50	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
66-66	20MHz-10MHz	QPSK-QPSK	132072-132216	1RB#0-0RB#0	22.27	25.05	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	1RB#0-0RB#0	22.10	24.88	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
66-66	20MHz-20MHz	16QAM-16QAM	132374-132572	1RB#0-0RB#0	21.59	24.37	30	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

66-66	10MHz-15MHz	QPSK-QPSK	132025-132145	1RB#0-0RB#0	22.20	24.98	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132025-132145	50RB#0-75RB#0	20.44	23.22	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132351-132471	1RB#0-0RB#0	22.33	25.11	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132351-132471	50RB#0-75RB#0	20.59	23.37	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132477-132597	1RB#0-0RB#0	22.39	25.17	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132477-132597	50RB#0-75RB#0	20.67	23.45	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132025-132145	1RB#0-0RB#0	21.45	24.23	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132025-132145	50RB#0-75RB#0	19.51	22.29	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132351-132471	1RB#0-0RB#0	21.60	24.38	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132351-132471	50RB#0-75RB#0	19.87	22.65	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132477-132597	1RB#0-0RB#0	21.59	24.37	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132477-132597	50RB#0-75RB#0	19.60	22.38	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132025-132145	1RB#0-0RB#0	20.65	23.43	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132025-132145	50RB#0-75RB#0	19.40	22.18	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132351-132471	1RB#0-0RB#0	20.52	23.30	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132351-132471	50RB#0-75RB#0	19.72	22.50	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132477-132597	1RB#0-0RB#0	20.89	23.67	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132477-132597	50RB#0-75RB#0	19.62	22.40	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132025-132145	1RB#0-0RB#0	17.34	20.12	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132025-132145	50RB#0-75RB#0	17.46	20.24	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132351-132471	1RB#0-0RB#0	17.63	20.41	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132351-132471	50RB#0-75RB#0	17.70	20.48	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132477-132597	1RB#0-0RB#0	17.68	20.46	30	PASS

66-66	10MHz-15MHz	256QAM-256QAM	132477-132597	50RB#0-75RB#0	17.54	20.32	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132027-132171	1RB#0-0RB#0	22.11	24.89	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132027-132171	50RB#0-100RB#0	20.46	23.24	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132328-132472	1RB#0-0RB#0	22.37	25.15	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132328-132472	50RB#0-100RB#0	20.78	23.56	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132428-132572	1RB#0-0RB#0	22.32	25.10	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132428-132572	50RB#0-100RB#0	20.56	23.34	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132027-132171	1RB#0-0RB#0	21.40	24.18	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132027-132171	50RB#0-100RB#0	19.51	22.29	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132328-132472	1RB#0-0RB#0	21.60	24.38	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132328-132472	50RB#0-100RB#0	19.76	22.54	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132428-132572	1RB#0-0RB#0	21.59	24.37	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132428-132572	50RB#0-100RB#0	19.61	22.39	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132027-132171	1RB#0-0RB#0	20.60	23.38	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132027-132171	50RB#0-100RB#0	19.39	22.17	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132328-132472	1RB#0-0RB#0	20.77	23.55	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132328-132472	50RB#0-100RB#0	19.73	22.51	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132428-132572	1RB#0-0RB#0	20.56	23.34	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132428-132572	50RB#0-100RB#0	19.74	22.52	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132027-132171	1RB#0-0RB#0	17.38	20.16	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132027-132171	50RB#0-100RB#0	17.58	20.36	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132328-132472	1RB#0-0RB#0	17.46	20.24	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132328-132472	50RB#0-100RB#0	17.61	20.39	30	PASS

66-66	10MHz-20MHz	256QAM-256QAM	132428-132572	1RB#0-0RB#0	17.65	20.43	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132428-132572	50RB#0-100RB#0	17.74	20.52	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132047-132167	1RB#0-0RB#0	22.69	25.47	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132047-132167	75RB#0-50RB#0	20.46	23.24	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132373-132493	1RB#0-0RB#0	22.62	25.40	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132373-132493	75RB#0-50RB#0	20.72	23.50	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132499-132619	1RB#0-0RB#0	22.68	25.46	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132499-132619	75RB#0-50RB#0	20.62	23.40	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132047-132167	1RB#0-0RB#0	21.91	24.69	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132047-132167	75RB#0-50RB#0	19.70	22.48	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132373-132493	1RB#0-0RB#0	22.02	24.80	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132373-132493	75RB#0-50RB#0	19.72	22.50	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	1RB#0-0RB#0	22.10	24.88	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	75RB#0-50RB#0	19.64	22.42	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	1RB#0-0RB#0	20.91	23.69	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	75RB#0-50RB#0	19.58	22.36	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	1RB#0-0RB#0	20.89	23.67	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	75RB#0-50RB#0	19.82	22.60	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	1RB#0-0RB#0	20.97	23.75	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	75RB#0-50RB#0	19.63	22.41	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	1RB#0-0RB#0	17.75	20.53	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	75RB#0-50RB#0	17.43	20.21	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	1RB#0-0RB#0	18.03	20.81	30	PASS

66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	75RB#0-50RB#0	17.84	20.62	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	1RB#0-0RB#0	17.89	20.67	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	75RB#0-50RB#0	17.73	20.51	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	1RB#0-0RB#0	22.48	25.26	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	75RB#0-75RB#0	20.65	23.43	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	1RB#0-0RB#0	22.52	25.30	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	75RB#0-75RB#0	20.83	23.61	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	1RB#0-0RB#0	22.59	25.37	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	75RB#0-75RB#0	20.67	23.45	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	1RB#0-0RB#0	21.77	24.55	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	75RB#0-75RB#0	19.60	22.38	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	1RB#0-0RB#0	21.74	24.52	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	75RB#0-75RB#0	19.90	22.68	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	1RB#0-0RB#0	21.81	24.59	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	75RB#0-75RB#0	19.70	22.48	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	1RB#0-0RB#0	20.69	23.47	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	75RB#0-75RB#0	19.67	22.45	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	1RB#0-0RB#0	20.79	23.57	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	75RB#0-75RB#0	19.88	22.66	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	1RB#0-0RB#0	20.89	23.67	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	75RB#0-75RB#0	19.67	22.45	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132047-132197	1RB#0-0RB#0	17.59	20.37	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	75RB#0-50RB#0	19.64	22.42	30	PASS

66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	1RB#0-0RB#0	20.91	23.69	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	75RB#0-50RB#0	19.58	22.36	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	1RB#0-0RB#0	20.89	23.67	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	75RB#0-50RB#0	19.82	22.60	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	1RB#0-0RB#0	20.97	23.75	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	75RB#0-50RB#0	19.63	22.41	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	1RB#0-0RB#0	17.75	20.53	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	75RB#0-50RB#0	17.43	20.21	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	1RB#0-0RB#0	18.03	20.81	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	75RB#0-50RB#0	17.84	20.62	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	1RB#0-0RB#0	17.89	20.67	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	75RB#0-50RB#0	17.73	20.51	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	1RB#0-0RB#0	22.48	25.26	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	75RB#0-75RB#0	20.65	23.43	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	1RB#0-0RB#0	22.52	25.30	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	75RB#0-75RB#0	20.83	23.61	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	1RB#0-0RB#0	22.59	25.37	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	75RB#0-75RB#0	20.67	23.45	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	1RB#0-0RB#0	21.77	24.55	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	75RB#0-75RB#0	19.60	22.38	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	1RB#0-0RB#0	21.74	24.52	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	75RB#0-75RB#0	19.90	22.68	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	1RB#0-0RB#0	21.81	24.59	30	PASS

66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	75RB#0-75RB#0	19.70	22.48	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	1RB#0-0RB#0	20.69	23.47	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	75RB#0-75RB#0	19.67	22.45	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	1RB#0-0RB#0	20.79	23.57	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	75RB#0-75RB#0	19.88	22.66	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	1RB#0-0RB#0	20.89	23.67	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	75RB#0-75RB#0	19.67	22.45	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132047-132197	1RB#0-0RB#0	17.59	20.37	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132373-132517	1RB#0-0RB#0	22.32	25.10	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132473-132617	100RB#0-50RB#0	20.58	23.36	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132473-132617	1RB#0-0RB#0	22.32	25.10	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132072-132216	100RB#0-50RB#0	19.61	22.39	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132072-132216	1RB#0-0RB#0	21.64	24.42	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132373-132517	100RB#0-50RB#0	19.54	22.32	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132373-132517	1RB#0-0RB#0	21.34	24.12	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132473-132617	100RB#0-50RB#0	19.79	22.57	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132473-132617	1RB#0-0RB#0	21.61	24.39	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132072-132216	100RB#0-50RB#0	19.65	22.43	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132072-132216	1RB#0-0RB#0	20.44	23.22	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132373-132517	100RB#0-50RB#0	19.76	22.54	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132373-132517	1RB#0-0RB#0	20.45	23.23	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132473-132617	100RB#0-50RB#0	19.65	22.43	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132473-132617	1RB#0-0RB#0	20.50	23.28	30	PASS

66-66	20MHz-10MHz	256QAM-256QAM	132072-132216	100RB#0-50RB#0	17.44	20.22	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132072-132216	1RB#0-0RB#0	17.37	20.15	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132373-132517	100RB#0-50RB#0	17.64	20.42	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132373-132517	1RB#0-0RB#0	17.55	20.33	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132473-132617	100RB#0-50RB#0	17.68	20.46	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132473-132617	1RB#0-0RB#0	17.57	20.35	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132072-132243	100RB#0-75RB#0	20.60	23.38	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132072-132243	1RB#0-0RB#0	22.04	24.82	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132348-132519	100RB#0-75RB#0	20.70	23.48	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132348-132519	1RB#0-0RB#0	22.31	25.09	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132423-132594	100RB#0-75RB#0	20.52	23.30	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132423-132594	1RB#0-0RB#0	22.43	25.21	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132072-132243	100RB#0-75RB#0	19.52	22.30	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132072-132243	1RB#0-0RB#0	21.47	24.25	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132348-132519	100RB#0-75RB#0	19.62	22.40	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132348-132519	1RB#0-0RB#0	21.45	24.23	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132423-132594	100RB#0-75RB#0	19.53	22.31	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132423-132594	1RB#0-0RB#0	21.66	24.44	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132072-132243	100RB#0-75RB#0	19.60	22.38	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132072-132243	1RB#0-0RB#0	20.58	23.36	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132348-132519	100RB#0-75RB#0	19.55	22.33	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132348-132519	1RB#0-0RB#0	20.63	23.41	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132423-132594	100RB#0-75RB#0	19.70	22.48	30	PASS

66-66	20MHz-15MHz	64QAM-64QAM	132423-132594	1RB#0-0RB#0	20.65	23.43	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132072-132243	100RB#0-75RB#0	17.44	20.22	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132072-132243	1RB#0-0RB#0	17.43	20.21	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132348-132519	100RB#0-75RB#0	17.67	20.45	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132348-132519	1RB#0-0RB#0	17.40	20.18	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132423-132594	100RB#0-75RB#0	17.44	20.22	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132423-132594	1RB#0-0RB#0	17.42	20.20	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132072-132270	100RB#0-100RB#0	20.53	23.31	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132072-132270	1RB#0-0RB#0	22.25	25.03	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	20.70	23.48	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	1RB#0-0RB#0	22.27	25.05	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132374-132572	100RB#0-100RB#0	20.65	23.43	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132374-132572	1RB#0-0RB#0	22.27	25.05	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132072-132270	100RB#0-100RB#0	19.42	22.20	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132072-132270	1RB#0-0RB#0	21.34	24.12	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	100RB#0-100RB#0	19.80	22.58	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	1RB#0-0RB#0	21.44	24.22	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132374-132572	100RB#0-100RB#0	19.58	22.36	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132374-132572	1RB#0-0RB#0	21.59	24.37	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132072-132270	100RB#0-100RB#0	19.40	22.18	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132072-132270	1RB#0-0RB#0	20.74	23.52	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132323-132521	100RB#0-100RB#0	19.91	22.69	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132323-132521	1RB#0-0RB#0	20.51	23.29	30	PASS

66-66	20MHz-20MHz	64QAM-64QAM	132374-132572	100RB#0-100RB#0	19.59	22.37	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132374-132572	1RB#0-0RB#0	20.65	23.43	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132072-132270	100RB#0-100RB#0	17.54	20.32	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132072-132270	1RB#0-0RB#0	17.56	20.34	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132323-132521	100RB#0-100RB#0	17.83	20.61	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132323-132521	1RB#0-0RB#0	17.41	20.19	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132374-132572	100RB#0-100RB#0	17.81	20.59	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132374-132572	1RB#0-0RB#0	17.59	20.37	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132072-132189	100RB#0-25RB#0	20.59	23.37	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132072-132189	1RB#0-0RB#0	22.56	25.34	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132397-132514	100RB#0-25RB#0	20.73	23.51	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132397-132514	1RB#0-0RB#0	22.56	25.34	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132522-132639	100RB#0-25RB#0	20.64	23.42	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132522-132639	1RB#0-0RB#0	22.72	25.50	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132072-132189	100RB#0-25RB#0	19.51	22.29	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132072-132189	1RB#0-0RB#0	22.05	24.83	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132397-132514	100RB#0-25RB#0	19.58	22.36	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132397-132514	1RB#0-0RB#0	22.02	24.80	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132522-132639	100RB#0-25RB#0	19.75	22.53	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132522-132639	1RB#0-0RB#0	21.95	24.73	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132072-132189	100RB#0-25RB#0	19.60	22.38	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132072-132189	1RB#0-0RB#0	20.98	23.76	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132397-132514	100RB#0-25RB#0	19.66	22.44	30	PASS

66-66	20MHz-5MHz	64QAM-64QAM	132397-132514	1RB#0-0RB#0	20.99	23.77	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132522-132639	100RB#0-25RB#0	19.85	22.63	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132522-132639	1RB#0-0RB#0	20.81	23.59	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132072-132189	100RB#0-25RB#0	17.62	20.40	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132072-132189	1RB#0-0RB#0	17.84	20.62	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132397-132514	100RB#0-25RB#0	17.74	20.52	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132397-132514	1RB#0-0RB#0	17.92	20.70	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132522-132639	100RB#0-25RB#0	17.54	20.32	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132522-132639	1RB#0-0RB#0	17.89	20.67	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132005-132122	1RB#0-0RB#0	22.23	25.01	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132005-132122	25RB#0-100RB#0	20.60	23.38	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132330-132447	1RB#0-0RB#0	22.24	25.02	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132330-132447	25RB#0-100RB#0	20.60	23.38	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132455-132572	1RB#0-0RB#0	22.46	25.24	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132455-132572	25RB#0-100RB#0	20.72	23.50	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132005-132122	1RB#0-0RB#0	21.48	24.26	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132005-132122	25RB#0-100RB#0	19.52	22.30	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132330-132447	1RB#0-0RB#0	21.64	24.42	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132330-132447	25RB#0-100RB#0	19.61	22.39	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132455-132572	1RB#0-0RB#0	21.62	24.40	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132455-132572	25RB#0-100RB#0	19.76	22.54	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132005-132122	1RB#0-0RB#0	20.54	23.32	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132005-132122	25RB#0-100RB#0	19.45	22.23	30	PASS

66-66	5MHz-20MHz	64QAM-64QAM	132330-132447	1RB#0-0RB#0	20.55	23.33	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132330-132447	25RB#0-100RB#0	19.81	22.59	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132455-132572	1RB#0-0RB#0	20.75	23.53	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132455-132572	25RB#0-100RB#0	19.56	22.34	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132005-132122	1RB#0-0RB#0	17.42	20.20	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132005-132122	25RB#0-100RB#0	17.40	20.18	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132330-132447	1RB#0-0RB#0	17.50	20.28	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132330-132447	25RB#0-100RB#0	17.69	20.47	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132455-132572	1RB#0-0RB#0	17.53	20.31	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132455-132572	25RB#0-100RB#0	17.47	20.25	30	PASS

LTE Band 70

MAX Power

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band70	5MHz	QPSK	133097	1RB#0	23.12	25.90	30.00	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band70	15MHz	QPSK	133047	1RB#74	22.93	25.71	30.00	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band70	15MHz	16QAM	133047	1RB#74	22.38	25.16	30.00	PASS

Note: The ERP (dBm) = Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band70	5MHz	QPSK	132997	1RB#0	22.79	25.57	30	PASS
Band70	5MHz	16QAM	132997	1RB#0	22.34	25.12	30	PASS
Band70	5MHz	64QAM	132997	1RB#0	21.26	24.04	30	PASS
Band70	5MHz	256QAM	132997	1RB#0	18.06	20.84	30	PASS
Band70	5MHz	QPSK	132997	1RB#12	22.82	25.60	30	PASS
Band70	5MHz	16QAM	132997	1RB#12	22.15	24.93	30	PASS
Band70	5MHz	64QAM	132997	1RB#12	21.26	24.04	30	PASS
Band70	5MHz	256QAM	132997	1RB#12	17.99	20.77	30	PASS
Band70	5MHz	QPSK	132997	1RB#24	22.78	25.56	30	PASS
Band70	5MHz	16QAM	132997	1RB#24	22.26	25.04	30	PASS
Band70	5MHz	64QAM	132997	1RB#24	21.30	24.08	30	PASS
Band70	5MHz	256QAM	132997	1RB#24	18.22	21.00	30	PASS
Band70	5MHz	QPSK	132997	12RB#0	22.09	24.87	30	PASS
Band70	5MHz	16QAM	132997	12RB#0	21.16	23.94	30	PASS
Band70	5MHz	64QAM	132997	12RB#0	20.09	22.87	30	PASS
Band70	5MHz	256QAM	132997	12RB#0	17.98	20.76	30	PASS
Band70	5MHz	QPSK	132997	12RB#6	22.15	24.93	30	PASS
Band70	5MHz	16QAM	132997	12RB#6	21.08	23.86	30	PASS
Band70	5MHz	64QAM	132997	12RB#6	20.12	22.90	30	PASS
Band70	5MHz	256QAM	132997	12RB#6	18.05	20.83	30	PASS
Band70	5MHz	QPSK	132997	12RB#13	22.10	24.88	30	PASS
Band70	5MHz	16QAM	132997	12RB#13	21.11	23.89	30	PASS
Band70	5MHz	64QAM	132997	12RB#13	20.12	22.90	30	PASS
Band70	5MHz	256QAM	132997	12RB#13	18.00	20.78	30	PASS
Band70	5MHz	QPSK	132997	25RB#0	22.06	24.84	30	PASS
Band70	5MHz	16QAM	132997	25RB#0	20.99	23.77	30	PASS
Band70	5MHz	64QAM	132997	25RB#0	20.05	22.83	30	PASS
Band70	5MHz	256QAM	132997	25RB#0	17.95	20.73	30	PASS
Band70	5MHz	QPSK	133047	1RB#0	22.89	25.67	30	PASS
Band70	5MHz	16QAM	133047	1RB#0	22.26	25.04	30	PASS
Band70	5MHz	64QAM	133047	1RB#0	21.37	24.15	30	PASS
Band70	5MHz	256QAM	133047	1RB#0	18.26	21.04	30	PASS
Band70	5MHz	QPSK	133047	1RB#12	22.79	25.57	30	PASS
Band70	5MHz	16QAM	133047	1RB#12	22.32	25.10	30	PASS
Band70	5MHz	64QAM	133047	1RB#12	21.36	24.14	30	PASS
Band70	5MHz	256QAM	133047	1RB#12	18.15	20.93	30	PASS
Band70	5MHz	QPSK	133047	1RB#24	22.80	25.58	30	PASS
Band70	5MHz	16QAM	133047	1RB#24	22.27	25.05	30	PASS
Band70	5MHz	64QAM	133047	1RB#24	21.41	24.19	30	PASS
Band70	5MHz	256QAM	133047	1RB#24	18.19	20.97	30	PASS
Band70	5MHz	QPSK	133047	12RB#0	22.17	24.95	30	PASS
Band70	5MHz	16QAM	133047	12RB#0	21.20	23.98	30	PASS
Band70	5MHz	64QAM	133047	12RB#0	20.19	22.97	30	PASS

Band70	5MHz	256QAM	133047	12RB#0	17.99	20.77	30	PASS
Band70	5MHz	QPSK	133047	12RB#6	22.12	24.90	30	PASS
Band70	5MHz	16QAM	133047	12RB#6	21.15	23.93	30	PASS
Band70	5MHz	64QAM	133047	12RB#6	20.18	22.96	30	PASS
Band70	5MHz	256QAM	133047	12RB#6	19.12	21.90	30	PASS
Band70	5MHz	QPSK	133047	12RB#13	22.05	24.83	30	PASS
Band70	5MHz	16QAM	133047	12RB#13	21.14	23.92	30	PASS
Band70	5MHz	64QAM	133047	12RB#13	20.02	22.80	30	PASS
Band70	5MHz	256QAM	133047	12RB#13	17.97	20.75	30	PASS
Band70	5MHz	QPSK	133047	25RB#0	22.14	24.92	30	PASS
Band70	5MHz	16QAM	133047	25RB#0	21.13	23.91	30	PASS
Band70	5MHz	64QAM	133047	25RB#0	20.09	22.87	30	PASS
Band70	5MHz	256QAM	133047	25RB#0	18.06	20.84	30	PASS
Band70	5MHz	QPSK	133097	1RB#0	23.12	25.90	30	PASS
Band70	5MHz	16QAM	133097	1RB#0	22.30	25.08	30	PASS
Band70	5MHz	64QAM	133097	1RB#0	21.33	24.11	30	PASS
Band70	5MHz	256QAM	133097	1RB#0	18.26	21.04	30	PASS
Band70	5MHz	QPSK	133097	1RB#12	22.74	25.52	30	PASS
Band70	5MHz	16QAM	133097	1RB#12	22.32	25.10	30	PASS
Band70	5MHz	64QAM	133097	1RB#12	21.36	24.14	30	PASS
Band70	5MHz	256QAM	133097	1RB#12	18.23	21.01	30	PASS
Band70	5MHz	QPSK	133097	1RB#24	22.87	25.65	30	PASS
Band70	5MHz	16QAM	133097	1RB#24	22.32	25.10	30	PASS
Band70	5MHz	64QAM	133097	1RB#24	21.31	24.09	30	PASS
Band70	5MHz	256QAM	133097	1RB#24	18.21	20.99	30	PASS
Band70	5MHz	QPSK	133097	12RB#0	22.23	25.01	30	PASS
Band70	5MHz	16QAM	133097	12RB#0	21.29	24.07	30	PASS
Band70	5MHz	64QAM	133097	12RB#0	20.22	23.00	30	PASS
Band70	5MHz	256QAM	133097	12RB#0	18.12	20.90	30	PASS
Band70	5MHz	QPSK	133097	12RB#6	22.14	24.92	30	PASS
Band70	5MHz	16QAM	133097	12RB#6	21.16	23.94	30	PASS
Band70	5MHz	64QAM	133097	12RB#6	20.22	23.00	30	PASS
Band70	5MHz	256QAM	133097	12RB#6	18.10	20.88	30	PASS
Band70	5MHz	QPSK	133097	12RB#13	22.15	24.93	30	PASS
Band70	5MHz	16QAM	133097	12RB#13	21.15	23.93	30	PASS
Band70	5MHz	64QAM	133097	12RB#13	20.10	22.88	30	PASS
Band70	5MHz	256QAM	133097	12RB#13	18.03	20.81	30	PASS
Band70	5MHz	QPSK	133097	25RB#0	22.21	24.99	30	PASS
Band70	5MHz	16QAM	133097	25RB#0	21.19	23.97	30	PASS
Band70	5MHz	64QAM	133097	25RB#0	20.18	22.96	30	PASS
Band70	5MHz	256QAM	133097	25RB#0	18.10	20.88	30	PASS
Band70	10MHz	QPSK	133022	1RB#0	22.80	25.58	30	PASS
Band70	10MHz	16QAM	133022	1RB#0	22.21	24.99	30	PASS
Band70	10MHz	64QAM	133022	1RB#0	21.34	24.12	30	PASS

Band70	10MHz	256QAM	133022	1RB#0	18.14	20.92	30	PASS
Band70	10MHz	QPSK	133022	1RB#24	22.77	25.55	30	PASS
Band70	10MHz	16QAM	133022	1RB#24	22.18	24.96	30	PASS
Band70	10MHz	64QAM	133022	1RB#24	21.32	24.10	30	PASS
Band70	10MHz	256QAM	133022	1RB#24	18.16	20.94	30	PASS
Band70	10MHz	QPSK	133022	1RB#49	22.87	25.65	30	PASS
Band70	10MHz	16QAM	133022	1RB#49	22.27	25.05	30	PASS
Band70	10MHz	64QAM	133022	1RB#49	21.30	24.08	30	PASS
Band70	10MHz	256QAM	133022	1RB#49	18.29	21.07	30	PASS
Band70	10MHz	QPSK	133022	25RB#0	22.09	24.87	30	PASS
Band70	10MHz	16QAM	133022	25RB#0	21.15	23.93	30	PASS
Band70	10MHz	64QAM	133022	25RB#0	20.06	22.84	30	PASS
Band70	10MHz	256QAM	133022	25RB#0	18.10	20.88	30	PASS
Band70	10MHz	QPSK	133022	25RB#12	22.12	24.90	30	PASS
Band70	10MHz	16QAM	133022	25RB#12	21.09	23.87	30	PASS
Band70	10MHz	64QAM	133022	25RB#12	20.03	22.81	30	PASS
Band70	10MHz	256QAM	133022	25RB#12	18.11	20.89	30	PASS
Band70	10MHz	QPSK	133022	25RB#25	22.06	24.84	30	PASS
Band70	10MHz	16QAM	133022	25RB#25	21.04	23.82	30	PASS
Band70	10MHz	64QAM	133022	25RB#25	20.02	22.80	30	PASS
Band70	10MHz	256QAM	133022	25RB#25	18.02	20.80	30	PASS
Band70	10MHz	QPSK	133022	50RB#0	22.10	24.88	30	PASS
Band70	10MHz	16QAM	133022	50RB#0	21.14	23.92	30	PASS
Band70	10MHz	64QAM	133022	50RB#0	20.09	22.87	30	PASS
Band70	10MHz	256QAM	133022	50RB#0	18.04	20.82	30	PASS
Band70	10MHz	QPSK	133047	1RB#0	22.98	25.76	30	PASS
Band70	10MHz	16QAM	133047	1RB#0	22.27	25.05	30	PASS
Band70	10MHz	64QAM	133047	1RB#0	21.22	24.00	30	PASS
Band70	10MHz	256QAM	133047	1RB#0	18.03	20.81	30	PASS
Band70	10MHz	QPSK	133047	1RB#24	22.86	25.64	30	PASS
Band70	10MHz	16QAM	133047	1RB#24	22.25	25.03	30	PASS
Band70	10MHz	64QAM	133047	1RB#24	21.40	24.18	30	PASS
Band70	10MHz	256QAM	133047	1RB#24	18.26	21.04	30	PASS
Band70	10MHz	QPSK	133047	1RB#49	22.81	25.59	30	PASS
Band70	10MHz	16QAM	133047	1RB#49	22.23	25.01	30	PASS
Band70	10MHz	64QAM	133047	1RB#49	21.36	24.14	30	PASS
Band70	10MHz	256QAM	133047	1RB#49	18.27	21.05	30	PASS
Band70	10MHz	QPSK	133047	25RB#0	22.22	25.00	30	PASS
Band70	10MHz	16QAM	133047	25RB#0	21.19	23.97	30	PASS
Band70	10MHz	64QAM	133047	25RB#0	20.17	22.95	30	PASS
Band70	10MHz	256QAM	133047	25RB#0	18.06	20.84	30	PASS
Band70	10MHz	QPSK	133047	25RB#12	22.19	24.97	30	PASS
Band70	10MHz	16QAM	133047	25RB#12	21.13	23.91	30	PASS
Band70	10MHz	64QAM	133047	25RB#12	20.07	22.85	30	PASS

Band70	10MHz	256QAM	133047	25RB#12	18.06	20.84	30	PASS
Band70	10MHz	QPSK	133047	25RB#25	22.03	24.81	30	PASS
Band70	10MHz	16QAM	133047	25RB#25	21.04	23.82	30	PASS
Band70	10MHz	64QAM	133047	25RB#25	20.03	22.81	30	PASS
Band70	10MHz	256QAM	133047	25RB#25	18.04	20.82	30	PASS
Band70	10MHz	QPSK	133047	50RB#0	22.19	24.97	30	PASS
Band70	10MHz	16QAM	133047	50RB#0	21.18	23.96	30	PASS
Band70	10MHz	64QAM	133047	50RB#0	20.15	22.93	30	PASS
Band70	10MHz	256QAM	133047	50RB#0	18.04	20.82	30	PASS
Band70	10MHz	QPSK	133072	1RB#0	22.87	25.65	30	PASS
Band70	10MHz	16QAM	133072	1RB#0	22.26	25.04	30	PASS
Band70	10MHz	64QAM	133072	1RB#0	21.32	24.10	30	PASS
Band70	10MHz	256QAM	133072	1RB#0	18.22	21.00	30	PASS
Band70	10MHz	QPSK	133072	1RB#24	22.81	25.59	30	PASS
Band70	10MHz	16QAM	133072	1RB#24	22.37	25.15	30	PASS
Band70	10MHz	64QAM	133072	1RB#24	21.38	24.16	30	PASS
Band70	10MHz	256QAM	133072	1RB#24	18.21	20.99	30	PASS
Band70	10MHz	QPSK	133072	1RB#49	22.97	25.75	30	PASS
Band70	10MHz	16QAM	133072	1RB#49	22.36	25.14	30	PASS
Band70	10MHz	64QAM	133072	1RB#49	21.43	24.21	30	PASS
Band70	10MHz	256QAM	133072	1RB#49	18.19	20.97	30	PASS
Band70	10MHz	QPSK	133072	25RB#0	22.19	24.97	30	PASS
Band70	10MHz	16QAM	133072	25RB#0	21.18	23.96	30	PASS
Band70	10MHz	64QAM	133072	25RB#0	20.05	22.83	30	PASS
Band70	10MHz	256QAM	133072	25RB#0	18.16	20.94	30	PASS
Band70	10MHz	QPSK	133072	25RB#12	22.19	24.97	30	PASS
Band70	10MHz	16QAM	133072	25RB#12	21.14	23.92	30	PASS
Band70	10MHz	64QAM	133072	25RB#12	20.08	22.86	30	PASS
Band70	10MHz	256QAM	133072	25RB#12	18.10	20.88	30	PASS
Band70	10MHz	QPSK	133072	25RB#25	22.12	24.90	30	PASS
Band70	10MHz	16QAM	133072	25RB#25	21.11	23.89	30	PASS
Band70	10MHz	64QAM	133072	25RB#25	20.04	22.82	30	PASS
Band70	10MHz	256QAM	133072	25RB#25	18.03	20.81	30	PASS
Band70	10MHz	QPSK	133072	50RB#0	22.25	25.03	30	PASS
Band70	10MHz	16QAM	133072	50RB#0	21.13	23.91	30	PASS
Band70	10MHz	64QAM	133072	50RB#0	20.12	22.90	30	PASS
Band70	10MHz	256QAM	133072	50RB#0	18.05	20.83	30	PASS
Band70	15MHz	QPSK	133047	1RB#0	22.78	25.56	30	PASS
Band70	15MHz	16QAM	133047	1RB#0	22.20	24.98	30	PASS
Band70	15MHz	64QAM	133047	1RB#0	21.24	24.02	30	PASS
Band70	15MHz	256QAM	133047	1RB#0	18.13	20.91	30	PASS
Band70	15MHz	QPSK	133047	1RB#38	22.79	25.57	30	PASS
Band70	15MHz	16QAM	133047	1RB#38	22.18	24.96	30	PASS
Band70	15MHz	64QAM	133047	1RB#38	21.23	24.01	30	PASS

Band70	15MHz	256QAM	133047	1RB#38	18.14	20.92	30	PASS
Band70	15MHz	QPSK	133047	1RB#74	22.93	25.71	30	PASS
Band70	15MHz	16QAM	133047	1RB#74	22.38	25.16	30	PASS
Band70	15MHz	64QAM	133047	1RB#74	21.40	24.18	30	PASS
Band70	15MHz	256QAM	133047	1RB#74	18.24	21.02	30	PASS
Band70	15MHz	QPSK	133047	38RB#0	22.74	25.52	30	PASS
Band70	15MHz	16QAM	133047	38RB#0	22.18	24.96	30	PASS
Band70	15MHz	64QAM	133047	38RB#0	21.25	24.03	30	PASS
Band70	15MHz	256QAM	133047	38RB#0	18.04	20.82	30	PASS
Band70	15MHz	QPSK	133047	38RB#18	22.74	25.52	30	PASS
Band70	15MHz	16QAM	133047	38RB#18	22.24	25.02	30	PASS
Band70	15MHz	64QAM	133047	38RB#18	21.32	24.10	30	PASS
Band70	15MHz	256QAM	133047	38RB#18	18.17	20.95	30	PASS
Band70	15MHz	QPSK	133047	38RB#37	22.90	25.68	30	PASS
Band70	15MHz	16QAM	133047	38RB#37	22.19	24.97	30	PASS
Band70	15MHz	64QAM	133047	38RB#37	21.35	24.13	30	PASS
Band70	15MHz	256QAM	133047	38RB#37	18.19	20.97	30	PASS
Band70	15MHz	QPSK	133047	75RB#0	22.11	24.89	30	PASS
Band70	15MHz	16QAM	133047	75RB#0	21.16	23.94	30	PASS
Band70	15MHz	64QAM	133047	75RB#0	20.09	22.87	30	PASS
Band70	15MHz	256QAM	133047	75RB#0	18.05	20.83	30	PASS

3.2 FREQUENCY STABILITY MEASUREMENT

3.2.1 LIMITS OF FREQUENCY STABILIITY MEASUREMENT

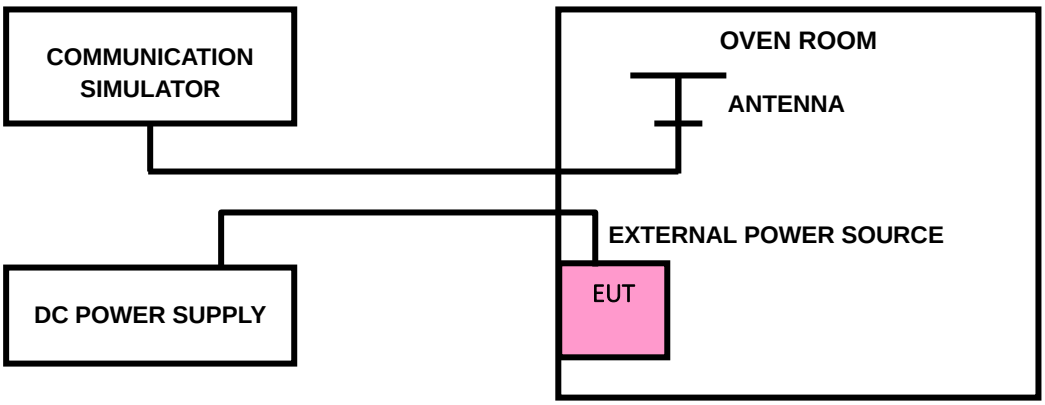
The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

3.2.2 TEST PROCEDURE

a. Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
b. EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
c. The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the ±0.5℃ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

NOTE: The frequency error was recorded frequency error from the communication simulator.

3.2.3 TEST SETUP



3.2.4 TEST RESULTS

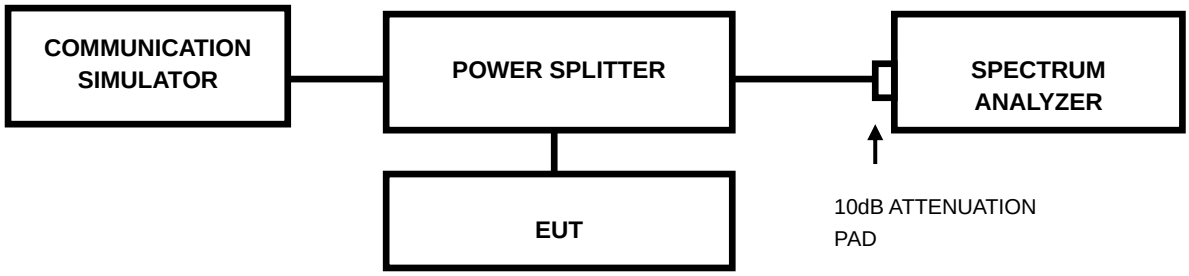
Please Refer to module RM520N-NA report.

3.3 OCCUPIED BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT

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 power of a given emission.

3.3.2 TEST SETUP



3.3.3 TEST PROCEDURES

a. The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
b. Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

3.3.4 TEST RESULTS

Please Refer to module RM520N-NA report.

3.4 BAND EDGE MEASUREMENT

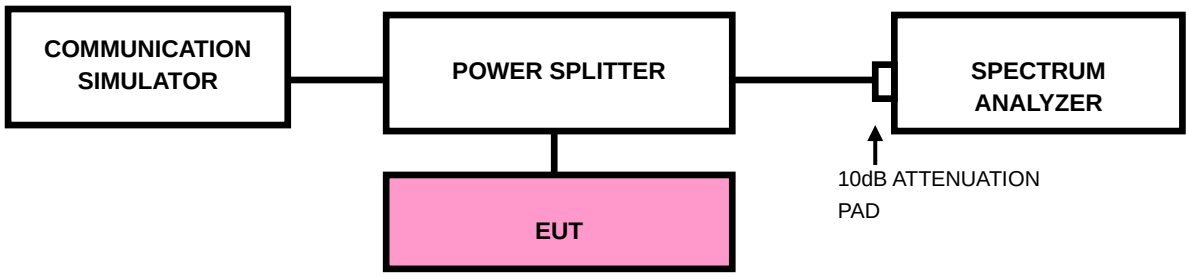
3.4.1 LIMITS OF BAND EDGE MEASUREMENT

According to FCC Part 27.53(h) specified that For operations in the 1710-1755 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

According to FCC Part 27.53(m)(4) specified that For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees. For mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed.

According to FCC Part 27.53 (n)(2)For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed-13 dBm/MHz.Compliance with this paragraph is based on the use of measurement instrumentation employing a Iresolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz.

3.4.2 TEST SETUP



3.4.3 TEST PROCEDURES

a) Connect the transmitter to the spectrum analyzer via coaxial cable while ensuring proper impedance matching.

b) Tune the analyzer to the nominal center frequency of the emission bandwidth

(EBW).

c) Set the resolution bandwidth (RBW) ≧ 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.

d) Beyond the 1MHz band from the band edge, RBW=1MHz was used.

e) Set the video bandwidth (VBW) to ≧3 x RBW.

f) Select the average power (RMS) display detector.

g) Set the number of measurement points to ≧ 1001.

h) Use auto-coupled sweep time.

i) Perform the measurement over an interval of time when the transmission is continuous and at its maximum power level.

j) The RF fundamental frequency should be excluded against the limit line in the operating frequency band and use RBW is 10KHz or 100KHz.

k) Record the max trace plot into the test report.

3.4.4 TEST RESULTS

Please Refer to module RM520N-NA report.

3.5 CONDUCTED SPURIOUS EMISSIONS

3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. The emission limit equal to –13dBm.

For: LTE Band7/Band41

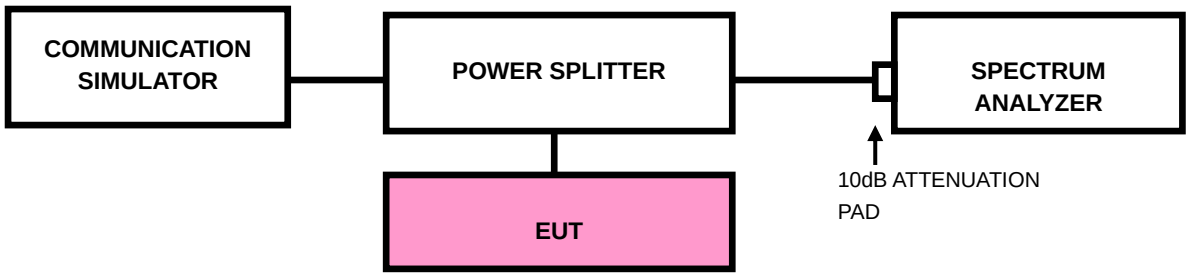
The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 55 +10 log10(P) dB. The limit of emission is equal to -25dBm.

3.5.2 TEST PROCEDURE

a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.

b. Measuring frequency range is from 9kHz up to a frequency including its 10th harmonic. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz is used for conducted emission measurement.

3.5.3 TEST SETUP



TEST RESULTS

Please Refer to module RM520N-NA report.

3.6 RADIATED EMISSION MEASUREMENT

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. The emission limit equal to –13dBm.

For: LTE Band7/ Band41

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 55 +10 log10(P) dB. The limit of emission is equal to -25dBm.

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3.6.2 TEST PROCEDURES

a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value “ of step a. Record the power level of S.G.
c. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.
d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.P.R power - 2.15dBi.

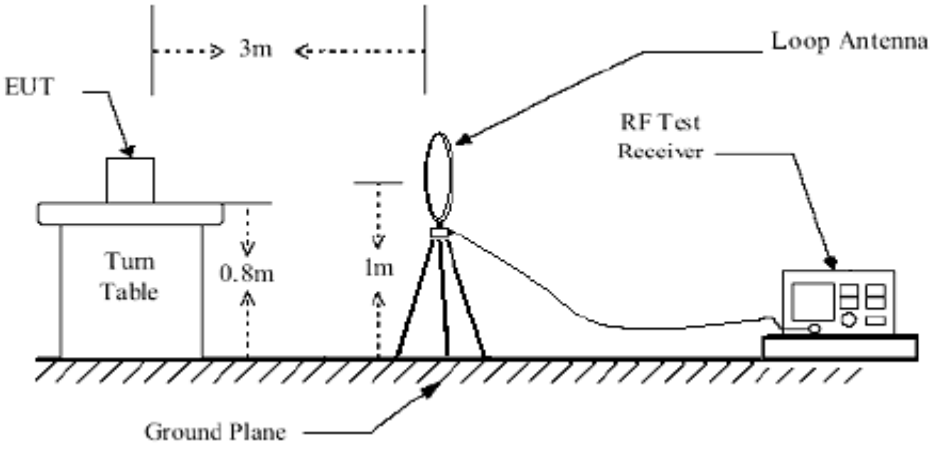
NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

3.6.3 DEVIATION FROM TEST STANDARD

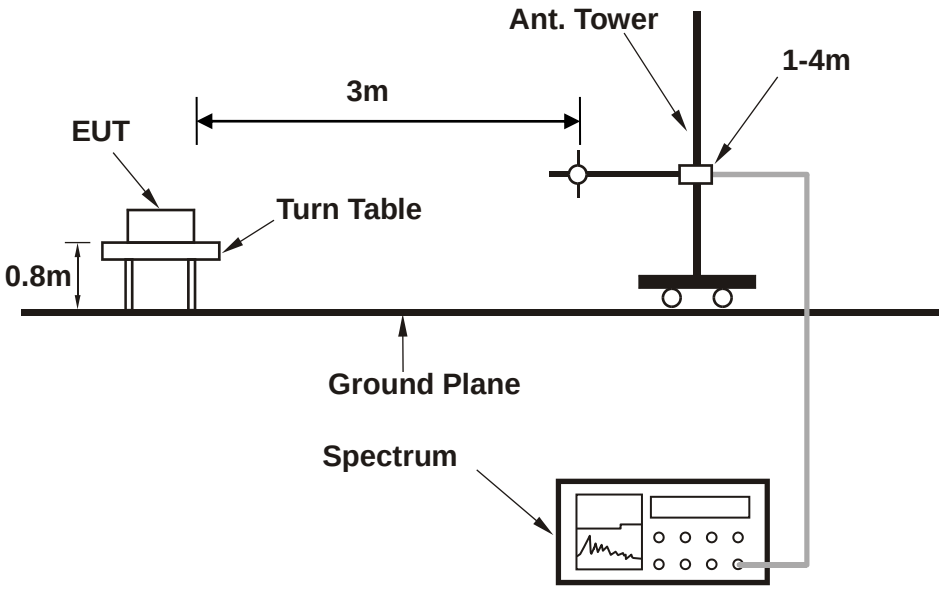
No deviation

3.6.4 TEST SETUP

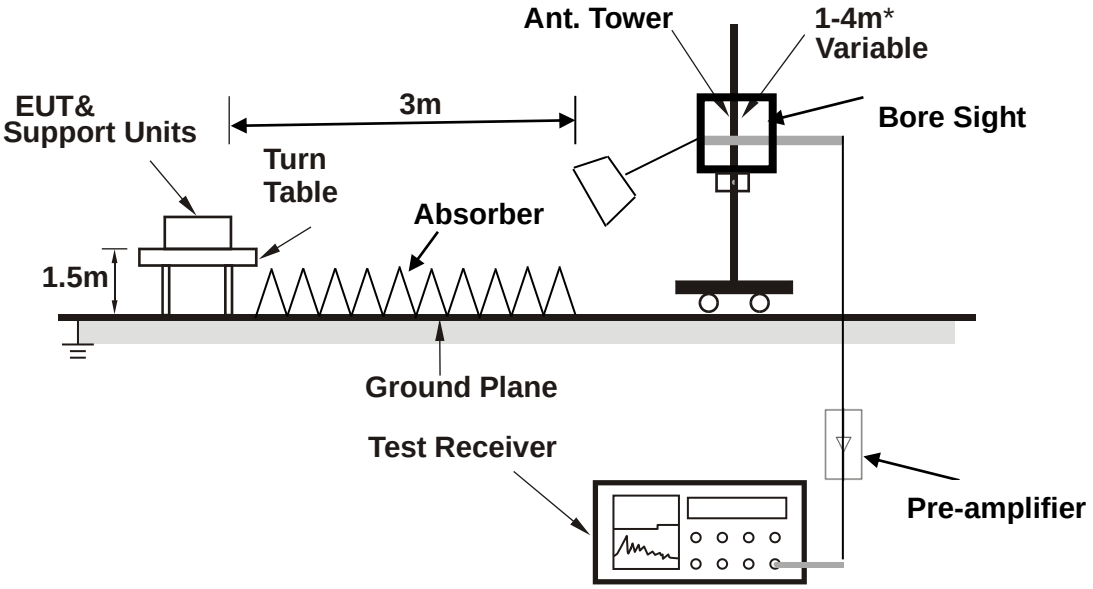
< Frequency Range below 30MHz >



< Frequency Range 30MHz~1GHz >



<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.6.5 TEST RESULTS

NOTE1: The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

NOTE2: The measurement range is 30M to the tenth harmonic of the highest fundamental frequency, For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report

LTE band 4

Test result:

ANT2 Channel: 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1166.60	-80.61	-13.00	Vertical
1956.20	-80.90	-13.00	Vertical
2451.27	-76.17	-13.00	Vertical
3120.00	-82.87	-13.00	Vertical
3555.00	-80.80	-13.00	Vertical
4662.00	-87.65	-13.00	Vertical

LTE band 38

Test result:

ANT0 Channel : 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1158.20	-80.65	-25	Vertical
1345.80	-79.78	-25	Vertical
1659.40	-80.56	-25	Vertical
3105.00	-82.91	-25	Vertical
3495.00	-80.89	-25	Vertical
4305.00	-88.92	-25	Vertical

LTE band 41
Test result:

ANT0 Channel： 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1165.20	-80.71	-25	Vertical
1537.60	-77.39	-25	Vertical
1763.00	-82.26	-25	Horizontal
3117.00	-82.80	-25	Vertical
3525.00	-80.75	-25	Vertical
4590.00	-88.07	-25	Vertical

LTE band 42
Test result:

ANT0 Channel： 42990

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1149.80	-80.76	-25	Vertical
1551.60	-77.99	-25	Vertical
2452.02	-75.46	-25	Horizontal
3096.00	-82.62	-25	Vertical
4185.00	-89.09	-25	Vertical
4623.00	-88.05	-25	Vertical

LTE band 66
Test result

ANT2 Channel： 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1170.80	-80.95	-13.00	Vertical
1568.40	-78.96	-13.00	Vertical
2524.82	-80.07	-13.00	Vertical
3090.00	-83.05	-13.00	Vertical
3315.00	-83.05	-13.00	Vertical
3576.00	-80.75	-13.00	Vertical

LTE band CA_66B
Test result

ANT2 Channel： 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1156.70	-79.22	-13.00	Vertical
1483.40	-74.13	-13.00	Vertical
2441.16	-62.24	-13.00	Vertical
3123.00	-81.93	-13.00	Vertical
3421.00	-72.54	-13.00	Vertical
3573.00	-79.31	-13.00	Vertical

LTE band CA_66C
Test result

ANT2 Channel： 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1156.20	-79.76	-13.00	Vertical
1486.20	-76.55	-13.00	Vertical
2467.81	-66.54	-13.00	Vertical
3119.00	-81.16	-13.00	Vertical
3421.00	-71.25	-13.00	Vertical
3496.00	-72.99	-13.00	Vertical

LTE band 70
Test result

ANT2 Channel： 133047

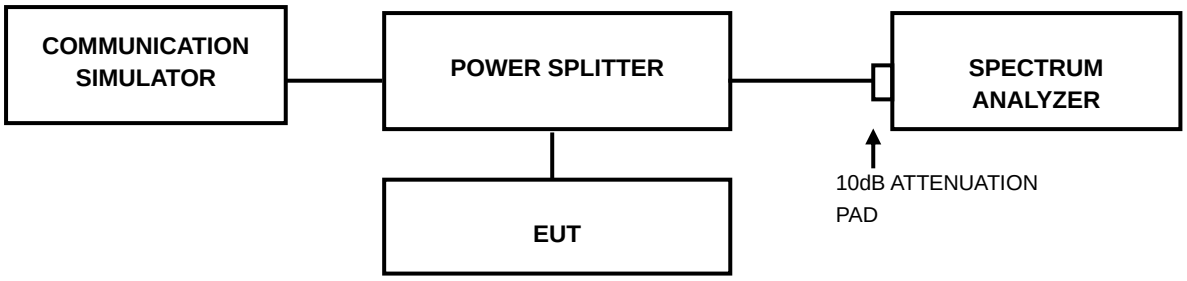
Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1134.40	-81.44	-13.00	Vertical
1487.20	-77.12	-13.00	Vertical
2469.64	-78.20	-13.00	Vertical
3129.00	-82.97	-13.00	Vertical
3534.00	-80.94	-13.00	Vertical
4710.00	-87.76	-13.00	Vertical

3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth ≥ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.

3.7.4 TEST RESULTS

Please Refer to module RM520N-NA report.

4 INFORMATION ON THE TESTING LABORATORIES

We, Huarui 7layers High Technology (Suzhou) Co., Ltd. ,were founded in 2020 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

Huarui 7Layers High Technology (Suzhou) Co., Ltd.
Lab Address:
Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province
Accredited Test Lab Cert 6613.01

If you have any comments, please feel free to contact us at the following:

Suzhou EMC/RF Lab:
Tel: +86 (0557) 368 1008

5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

6 APPENDIX

Please Refer to module RM520N-NA report.

---END---