FCC Test Report (PART 22)

Report No.:	RF180503E05
FCC ID:	MCLT77W980
Test Model:	T77W980
Received Date:	May 03, 2018
Test Date:	May 10 to 25, 2018
Issued Date:	June 19, 2018
Applicant:	HON HAI PRECISION IND. CO., LTD.
Address:	5F-1,5 Hsin-An Road Hsinchu, Science-Based Industrial Park Taiwan, R.O.C.
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
Lab Address:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan R.O.C.
Test Location:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan R.O.C.
FCC Registration / Designation Number:	723255 / TW2022

Table of Contents

Release Control Record 4

1 Certificate of Conformity 5

2 Summary of Test Results 6

2.1 Measurement Uncertainty 6
2.2 Test Site and Instruments 7

3 General Information 9

3.1 General Description of EUT 9
3.2 Configuration of System under Test 12
3.2.1 Description of Support Units 13
3.3 Test Mode Applicability and Tested Channel Detail 14
3.4 EUT Operating Conditions 18
3.5 General Description of Applied Standards 19

4 Test Types and Results 20

4.1 Output Power Measurement 20
4.1.1 Limits of Output Power Measurement 20
4.1.2 Test Procedures 20
4.1.3 Test Setup 20
4.1.4 Test Results 21
4.2 Modulation characteristics Measurement 34
4.2.1 Limits of Modulation characteristics 34
4.2.2 Test Procedure 34
4.2.3 Test Setup 34
4.2.4 Test Results 35
4.3 Frequency Stability Measurement 37
4.3.1 Limits of Frequency Stabiliity Measurement 37
4.3.2 Test Procedure 37
4.3.3 Test Setup 37
4.3.4 Test Results 38
4.4 Occupied Bandwidth Measurement 42
4.4.1 Test Procedure 42
4.4.2 Test Setup 42
4.4.3 Test Result (-26dB Bandwidth) 43
4.4.4 Test Result (Occupied Bandwidth) 48
4.5 Band Edge Measurement 53
4.5.1 Limits of Band Edge Measurement 53
4.5.2 Test Setup 53
4.5.3 Test Procedures 53
4.5.4 Test Results 54
4.6 Peak to Average Ratio 65
4.5.1 Limits of Peak to Average Ratio Measurement 65
4.5.2 Test Setup 65
4.5.3 Test Procedures 65
4.5.4 Test Results 66
4.7 Conducted Spurious Emissions 71
4.7.1 Limits of Conducted Spurious Emissions Measurement 71
4.7.2 Test Setup 71
4.7.3 Test Procedure 71
4.7.4 Test Results 72
4.8 Radiated Emission Measurement 83
4.8.1 Limits of Radiated Emission Measurement 83
4.8.2 Test Procedure 83
4.8.3 Deviation from Test Standard 83
4.8.4 Test Setup 84

4.8.5 Test Results 85
5 Pictures of Test Arrangements 147
Appendix – Information on the Testing Laboratories 148

Release Control Record

Issue No.	Description	Date Issued
RF180503E05	Original release.	June 19, 2018

1 Certificate of Conformity

Product:	Gigabit RF Card
Brand:	FOXCONN
Test Model:	T77W980
Sample Status:	ENGINEERING SAMPLE
Applicant:	HON HAI PRECISION IND. CO., LTD.
Test Date:	May 10 to 25, 2018
Standards:	FCC Part 22, Subpart H

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by : _____ , **Date:** June 19, 2018

Wendy Wu / Specialist

Approved by : _____ , **Date:** June 19, 2018

May Chen / Manager

2 Summary of Test Results

Applied Standard: FCC Part 22 & Part 2			
FCC Clause	Test Item	Result	Remarks
2.1046 22.913 (a)	Effective radiated power	PASS	Meet the requirement of limit.
---	Peak to Average Ratio	PASS	Meet the requirement of limit.
2.1047	Modulation characteristics	PASS	Meet the requirement
2.1055 22.355	Frequency Stability	PASS	Meet the requirement of limit.
2.1049	Occupied Bandwidth	PASS	Meet the requirement of limit.
22.917	Band Edge Measurements	PASS	Meet the requirement of limit.
2.1051 22.917	Conducted Spurious Emissions	PASS	Meet the requirement of limit.
2.1053 22.917	Radiated Spurious Emissions	PASS	Meet the requirement of limit. Minimum passing margin is -29.07dB at 5047.2MHz.

2.1 Measurement 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	Frequency	Expanded Uncertainty (k=2) (±)
Radiated Emissions up to 1 GHz	30MHz ~ 1GHz	5.53 dB
Radiated Emissions above 1 GHz	1GHz ~ 6GHz	5.08 dB
	6GHz ~ 18GHz	4.98 dB
	18GHz ~ 40GHz	5.19 dB

2.2 Test Site and Instruments

For radiated spurious emissions test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY50010156	July 12, 2017	July 11, 2018
Pre-Amplifier EMCI	EMC001340	980142	Feb. 09, 2018	Feb. 08, 2019
Loop Antenna(*) Electro-Metrics	EM-6879	264	Dec. 16, 2016	Dec. 15, 2018
RF Cable	NA	LOOPCAB-001 LOOPCAB-002	Jan. 15, 2018	Jan. 14, 2019
Pre-Amplifier Mini-Circuits	ZFL-1000VH2B	AMP-ZFL-05	May 05, 2018	May 04, 2019
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-361	Nov. 29, 2017	Nov. 28, 2018
RF Cable	8D	966-3-1 966-3-2 966-3-3	Mar. 20, 2018	Mar. 19, 2019
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-3-01	Oct. 03, 2017	Oct. 02, 2018
Horn_Antenna SCHWARZBECK	BBHA9120-D	9120D-406	Dec. 12, 2017	Dec. 11, 2018
Pre-Amplifier EMCI	EMC12630SE	980384	Jan. 29, 2018	Jan. 28, 2019
RF Cable	EMC104-SM-SM-1200 EMC104-SM-SM-2000 EMC104-SM-SM-5000	160922 150317 150322	Jan. 29, 2018	Jan. 28, 2019
Spectrum Analyzer Keysight	N9030A	MY54490679	July 25, 2017	July 24, 2018
Pre-Amplifier EMCI	EMC184045SE	980386	Jan. 29, 2018	Jan. 28, 2019
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170608	Dec. 14, 2017	Dec. 13, 2018
RF Cable	EMC102-KM-KM-1200	160924	Jan. 29, 2018	Jan. 28, 2019
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. *The calibration interval of the above test instruments is 24 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. The test was performed in 966 Chamber No. 3.
4. The CANADA Site Registration No. is 20331-1
5. Loop antenna was used for all emissions below 30 MHz.
6. Tested Date: May 21 to 25, 2018

For other test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	July 1, 2017	June 30, 2018
Spectrum Analyzer Agilent	E4446A	MY48250254	Nov. 21, 2017	Nov. 20, 2018
Power meter Anritsu	ML2495A	1014008	May 09, 2018	May 08, 2019
Power sensor Anritsu	MA2411B	0917122	May 09, 2018	May 08, 2019
AC Power Source Extech Electronics	6205	1440452	NA	NA
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	Jan. 10, 2018	Jan. 09, 2019
DC Power Supply Topward	6603D	795558	NA	NA
True RMS Clamp Meter FLUKE	325	31130711WS	May 29, 2017	May 28, 2018
ESG Vector signal generator Agilent	E4438C	MY45094468/005 506 602 UK6 UNJ	Nov. 26, 2017	Nov. 25, 2018
ESG Vector signal generator Agilent	E4438C	MY47271330 506 602 UNJ	Oct. 11, 2017	Oct. 10, 2018
Mech Switch Absorptive Mini-Circuits	MSP4TA-18+	0140	Feb. 12, 2018	Feb. 11, 2019
FXD ATTEN Mini-Circuits	BW-S3W2+	MN71981	Feb. 12, 2018	Feb. 11, 2019
Software	ADT_RF Test Software V6.6.5.4	NA	NA	NA
LTE Wireless Communication Test Set Keysight	E7515A	MY56030229	Mar. 14, 2018	Mar. 13, 2019

NOTE:
1. The test was performed in Oven room 2.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. Tested Date: May 10 to 24, 2018

3 General Information

3.1 General Description of EUT

Product	Gigabit RF Card	
Brand	FOXCONN	
Test Model	T77W980	
Status of EUT	ENGINEERING SAMPLE	
Power Supply Rating	DC 3.3V from host equipment	
Modulation Type	WCDMA, HSDPA, HSUPA	BPSK
	LTE Band 5	QPSK, 16QAM, 64QAM
	LTE Band 26	QPSK, 16QAM, 64QAM
Operating Frequency	WCDMA, HSDPA, HSUPA	826.4MHz ~846.6MHz
	LTE Band 5	824.7MHz ~ 848.3MHz
	LTE Band 26	824.7MHz ~ 848.3MHz
Max. ERP Power	WCDMA Band 5	24.90dBm
	LTE Band 5 (Channel Bandwidth 1.4MHz)	25.28dBm
	LTE Band 5 (Channel Bandwidth 3MHz)	25.30dBm
	LTE Band 5 (Channel Bandwidth 5MHz)	25.32dBm
	LTE Band 5 (Channel Bandwidth 10MHz)	25.24dBm
	LTE Band 5 (Channel Bandwidth 10+5MHz)	25.23dBm
	LTE Band 5 (Channel Bandwidth 10+10MHz)	23.39dBm
	LTE Band 26 (Channel Bandwidth 1.4MHz)	25.41dBm
	LTE Band 26 (Channel Bandwidth 3MHz)	25.53dBm
	LTE Band 26 (Channel Bandwidth 5MHz)	25.53dBm
	LTE Band 26 (Channel Bandwidth 10MHz)	25.64dBm
	LTE Band 26 (Channel Bandwidth 15MHz)	25.57dBm

Emission Designator	WCDMA Band 5	4M14F9W
	LTE Band 5 (Channel Bandwidth 1.4MHz)	QPSK: 1M09G7D 16QAM: 1M10D7W 64QAM: 1M10D7W
	LTE Band 5 (Channel Bandwidth 3MHz)	QPSK: 2M71G7D 16QAM: 2M69D7W 64QAM: 2M69D7W
	LTE Band 5 (Channel Bandwidth 5MHz)	QPSK: 4M50G7D 16QAM: 4M50D7W 64QAM: 4M49D7W
	LTE Band 5 (Channel Bandwidth 10MHz)	QPSK: 8M98G7D 16QAM: 8M96D7W 64QAM: 8M98D7W
	LTE Band 5 (Channel Bandwidth 10+5MHz)	QPSK: 14M0G7D
	LTE Band 5 (Channel Bandwidth 10+10MHz)	QPSK: 18M8G7D
	LTE Band 26 (Channel Bandwidth 1.4MHz)	QPSK: 1M09G7D 16QAM: 1M09D7W 64QAM: 1M10D7W
	LTE Band 26 (Channel Bandwidth 3MHz)	QPSK: 2M70G7D 16QAM: 2M69D7W 64QAM: 2M71D7W
	LTE Band 26 (Channel Bandwidth 5MHz)	QPSK: 4M51G7D 16QAM: 4M50D7W 64QAM: 4M49D7W
	LTE Band 26 (Channel Bandwidth 10MHz)	QPSK: 8M98G7D 16QAM: 8M96D7W 64QAM: 8M98D7W
	LTE Band 26 (Channel Bandwidth 15MHz)	QPSK: 13M5G7D 16QAM: 13M5D7W 64QAM: 13M5D7W
Antenna Type	Refer to Note	
Antenna Connector	Refer to Note	
Accessory Device	NA	
Data Cable Supplied	NA	

Note:

1. The antennas provided to the EUT, please refer to the following table:

Antenna No.	Antenna Gain(dBi)	Frequency range (MHz)	Antenna Type	Connecter Type	Cable Length
1	Please refer to below table	699~803	PIFA	i-pex(MHF)	100mm
2	Please refer to below table	791~960 1447.9~1606	PIFA	i-pex(MHF)	100mm
3	Please refer to below table	1710~2170 2500~2690	PIFA	i-pex(MHF)	100mm
4	Please refer to below table	5110~5925 (for LAA RX)	PIFA	i-pex(MHF)	100mm
5	Please refer to below table	2305~2315	Dipole	i-pex(MHF)	80mm

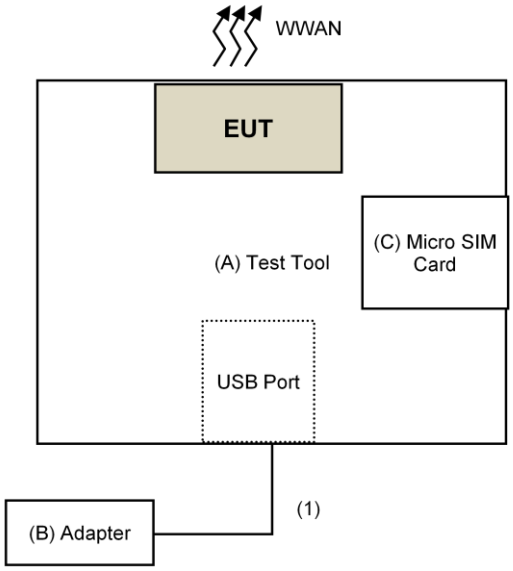
Antenna gain list			
Antenna No.	Band	Freq. Range (MHz)	Gain (dBi)
3	WCDMA II (B2)	1850~1910	4.92
3	WCDMA IV (B4)	1710~1755	5.99
2	WCDMA V (B5)	824~849	2.68
3	LTE Band (2)	1850~1910	4.92
3	LTE Band (4)	1710~1755	5.99
2	LTE Band (5)	824~849	2.68
3	LTE Band (7)	2500~2570	5.2
1	LTE Band (12)	698~716	4.17
1	LTE Band (13)	777~787	3.05
1	LTE Band (14)	788~798	2.87
1	LTE Band (17)	704~716	4.17
3	LTE Band (25)	1850~1915	4.92
2	LTE Band (26)	814~849	2.92
5	LTE Band (30)	2305~2315	3.02
3	LTE Band (38)	2570~2620	4.82
3	LTE Band (41)	2496~2690	5.38
3	LTE Band (66)	1710~1780	5.99
1	LTE Band (71)	663~698	3.83

2. This device is UE LTE module that can support carrier aggregation (two carrier) uplink Intra-Band contiguous, specification following as below:

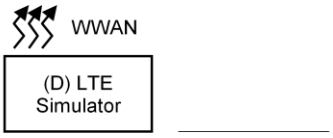
Uplink CA Configurations	Component carriers in order of increasing carrier frequency		Maximum Aggregated Bandwidth [MHz]	Bandwidth Combination Set
	Channel bandwidths for carrier-1 [MHz]	Channel bandwidths for carrier-2 [MHz]		
CA_5B	5,10	10	20	0
	10	5		

3. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 Configuration of System under Test



Remote Site



3.2.1 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.

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Test Tool	Foxconn	T77W980	NA	NA	Supplied by client
B.	Adapter	ASUS	EXA1205UA	NA	NA	Provided by Lab
C.	SIM Card	NA	NA	NA	NA	Provided by Lab
D.	Simulator	Keysight	E7515A	MY56030229	NA	Provided by Lab

Note:

1. All power cords of the above support units are non-shielded (1.8m).

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	USB Cable	1	1	Yes	0	Provided by Lab

3.3 Test Mode Applicability and Tested Channel Detail

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 X-plane. Following channel(s) was (were) selected for the final test as listed below:

WCDMA V MODE

Test Item	Available Channel	Tested Channel	Mode
ERP	4132 to 4233	4132, 4182, 4233	WCDMA
Frequency Stability	4132 to 4233	4182	WCDMA
Occupied Bandwidth	4132 to 4233	4132, 4182, 4233	WCDMA
Peak to Average Ratio	4132 to 4233	4132, 4182, 4233	WCDMA
Band Edge	4132 to 4233	4132, 4233	WCDMA
Conducted Emission	4132 to 4233	4132, 4182, 4233	WCDMA
Radiated Emission Below 1GHz	4132 to 4233	4132, 4182, 4233	WCDMA
Radiated Emission Above 1GHz	4132 to 4233	4132, 4182, 4233	WCDMA

LTE Band 5

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
Frequency Stability	20407 to 20643	20525	1.4MHz	QPSK	-
	20415 to 20635	20525	3MHz	QPSK	-
	20425 to 20625	20525	5MHz	QPSK	-
	20450 to 20600	20525	10MHz	QPSK	-
Occupied Bandwidth	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK/16QAM/64QAM	Full RB
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK/16QAM/64QAM	Full RB
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK/16QAM/64QAM	Full RB
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK/16QAM/64QAM	Full RB
Peak to Average Ratio	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK/16QAM/64QAM	Full RB
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK/16QAM/64QAM	Full RB
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK/16QAM/64QAM	Full RB
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK/16QAM/64QAM	Full RB
Band Edge	20407 to 20643	20407	1.4MHz	QPSK	1 RB / 0 RB Offset
		20643			1 RB / 5 RB Offset
		20407, 20643			6 RB / 0 RB Offset
	20415 to 20635	20415	3MHz	QPSK	1 RB / 0 RB Offset
		20635			1 RB / 14 RB Offset
		20415, 20635			15 RB / 0 RB Offset
	20425 to 20625	20425	5MHz	QPSK	1 RB / 0 RB Offset
		20625			1 RB / 24 RB Offset
		20425, 20625			25 RB / 0 RB Offset
	20450 to 20600	20450	10MHz	QPSK	1 RB / 0 RB Offset
		20600			1 RB / 49 RB Offset
		20450, 20600			50 RB / 0 RB Offset
Conducted Emission	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK	1RB / 0 RB offset
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK	1RB / 0 RB offset
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK	1RB / 0 RB offset
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK	1RB / 0 RB offset
Radiated Emission	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK	1RB / 0 RB offset
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK	1RB / 0 RB offset
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK	1RB / 0 RB offset
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK	1RB / 0 RB offset

LTE CA_5C

TEST ITEM	MODULATION	PCC			SCC		
		CHANNEL BANDWIDTH	TESTED CHANNEL	MODE	CHANNEL BANDWIDTH	TESTED CHANNEL	MODE
ERP	QPSK	10MHz	20500	0RB / 0 RB offset	5MHz	20572	1RB / 24 RB offset
		10MHz	20475	50RB / 0 RB offset	10MHz	20574	50RB / 0 RB offset
Frequency Stability	QPSK	10MHz	20500	-	5MHz	20572	-
Occupied Bandwidth	QPSK	10MHz	20500	50RB / 0 RB offset	5MHz	20572	25RB / 0 RB offset
		10MHz	20475	50RB / 0 RB offset	10MHz	20574	50RB / 0 RB offset
Peak to Average Ratio	QPSK	10MHz	20500	50RB / 0 RB offset	5MHz	20572	25RB / 0 RB offset
Band Edge	QPSK	10MHz	20450	50RB / 0 RB offset	5MHz	20522	25RB / 0 RB offset
				1RB / 0 RB offset			0RB / 0 RB offset
			20553	50RB / 0 RB offset		20625	25RB / 0 RB offset
				0RB / 0 RB offset			1RB / 24 RB offset
Conducted Emission	QPSK	10MHz	20500	0RB / 0 RB offset	5MHz	20572	1RB / 24 RB offset
Radiated Emission	QPSK	10MHz	20500	0RB / 0 RB offset	5MHz	20572	1RB / 24 RB offset

Note: This product supports multiple carriers in intra-band contiguous spectrum operation, therefore test mode and test configurations follow KDB inquiry (more detail infromatmion refer “Operation Description.pdf).

LTE Band 26

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
ERP	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
Frequency Stability	26797 to 27033	26915	1.4MHz	QPSK	-
	26805 to 27025	26915	3MHz	QPSK	-
	26815 to 27015	26915	5MHz	QPSK	-
	26840 to 26990	26915	10MHz	QPSK	-
	26865 to 26965	26915	15MHz	QPSK	-
Occupied Bandwidth	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK/16QAM/64QAM	Full RB
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK/16QAM/64QAM	Full RB
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK/16QAM/64QAM	Full RB
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK/16QAM/64QAM	Full RB
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK/16QAM/64QAM	Full RB
Peak to Average Ratio	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK/16QAM/64QAM	Full RB
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK/16QAM/64QAM	Full RB
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK/16QAM/64QAM	Full RB
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK/16QAM/64QAM	Full RB
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK/16QAM/64QAM	Full RB
Band Edge	26797 to 27033	26797	1.4MHz	QPSK	1 RB / 0 RB Offset
		27033			1 RB / 5 RB Offset
		26797, 27033			6 RB / 0 RB Offset
	26805 to 27025	26805	3MHz	QPSK	1 RB / 0 RB Offset
		27025			1 RB / 14 RB Offset
		26805, 27025			15 RB / 0 RB Offset
	26815 to 27015	26815	5MHz	QPSK	1 RB / 0 RB Offset
		27015			1 RB / 24 RB Offset
		26815, 27015			25 RB / 0 RB Offset
	26840 to 26990	26840	10MHz	QPSK	1 RB / 0 RB Offset
		26990			1 RB / 49 RB Offset
		26840, 26990			50 RB / 0 RB Offset
	26865 to 26965	26865	15MHz	QPSK	1 RB / 0 RB Offset
		26965			1 RB / 74 RB Offset
		26865, 26965			75 RB / 0 RB Offset
Conducted Emission	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK	1RB / 0 RB offset
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK	1RB / 0 RB offset
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK	1RB / 0 RB offset
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK	1RB / 0 RB offset
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK	1RB / 0 RB offset
Radiated Emission	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK	1RB / 0 RB offset
	26805 to 27025	26805, 26915, 27025	3MHz	QPSK	1RB / 0 RB offset
	26815 to 27015	26815, 26915, 27015	5MHz	QPSK	1RB / 0 RB offset
	26840 to 26990	26840, 26915, 26990	10MHz	QPSK	1RB / 0 RB offset
	26865 to 26965	26865, 26915, 26965	15MHz	QPSK	1RB / 0 RB offset

NOTE:
All supported modulation types were evaluated.The Worst case of QPSK was selected. Therefore, the Band Edge, Frequency Stability, Condcudeted Emission and Radiated Emission were presented under QPSK mode only.

Test Condition:

Test Item	Environmental Conditions	Input Power (System)	Tested By
ERP	25deg. C, 60%RH	120Vac, 60Hz	Robert Cheng
Frequency Stability	25deg. C, 60%RH	120Vac, 60Hz	Robert Cheng
Occupied Bandwidth	25deg. C, 60%RH	120Vac, 60Hz	Robert Cheng
Band Edge	25deg. C, 60%RH	120Vac, 60Hz	Robert Cheng
Peak to Average Ratio	25deg. C, 60%RH	120Vac, 60Hz	Robert Cheng
Condcudeted Emission	25deg. C, 60%RH	120Vac, 60Hz	Robert Cheng
Radiated Emission Below 1GHz	24deg. C, 61%RH 21deg. C, 63%RH 20deg. C, 62%RH	120Vac, 60Hz	Eason Tseng
Radiated Emission Above 1GHz	22deg. C, 62%RH 23deg. C, 64%RH	120Vac, 60Hz	Eason Tseng

3.4 EUT Operating Conditions

The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency

3.5 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 22, Subpart H

KDB 971168 D01 Power Meas License Digital Systems v03r01

ANSI/TIA/EIA-603-E 2016

ANSI 63.26-2015

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

4 Test Types and Results

4.1 Output Power Measurement

4.1.1 Limits of Output Power Measurement

Mobile / Portable station are limited to 7 watts e.r.p.

4.1.2 Test Procedures

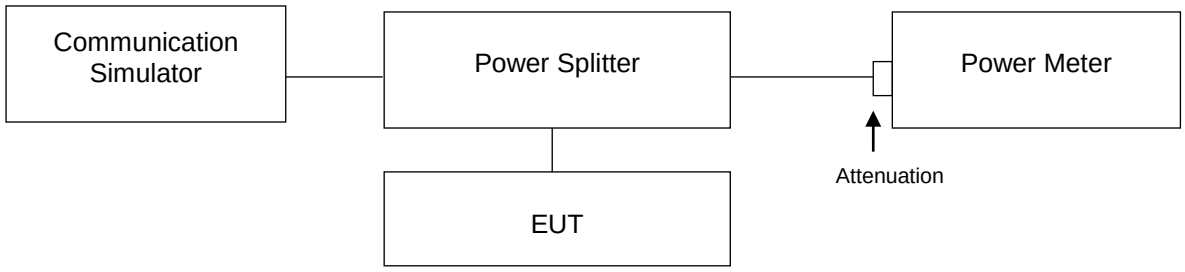
Conducted Power Measurement:

The EUT was set up for the maximum power with WCDMA / LTE link data modulation and link up with simulator. Set the EUT to transmit under low, middle and high channel and difference RB size/ RB offset for difference bandwidth record the power level shown on power meter.

EIRP / ERP Measurement:

a. EIRP = Conducted Output power level + Antenna gain.
b. ERP power can be calculated form EIRP power by subtracting the gain of dipole, ERP power = EIPR power - 2.15dBi.
c. ERP = Conducted Output power level + Antenna gain (dBi) - Isotropically Factor (2.15dB).

4.1.3 Test Setup



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

4.1.4 Test Results

CONDUCTED OUTPUT POWER (dBm)

Band	WCDMA V		
Channel	4132	4182	4233
Frequency (MHz)	826.4	836.4	846.6
RMC	24.36	24.37	24.12
HSDPA Subtest-1	23.78	24.14	23.44
HSDPA Subtest-2	23.82	24.05	23.52
HSDPA Subtest-3	23.93	23.69	23.74
HSDPA Subtest-4	24.10	23.80	23.56
HSUPA Subtest-1	24.16	23.95	23.59
HSUPA Subtest-2	23.78	23.86	23.70
HSUPA Subtest-3	23.98	23.91	23.76
HSUPA Subtest-4	23.66	23.91	23.68
HSUPA Subtest-5	23.97	23.90	23.83

LTE Band 5

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20407	20525	20643		20407	20525	20643		20407	20525	20643	
			824.7	836.5	848.3		824.7	836.5	848.3		824.7	836.5	848.3	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
5 / 1.4M	1	0	24.75	24.47	24.65	0	23.74	23.67	23.89	1	22.66	22.85	22.65	2
	1	2	24.69	24.53	24.02	0	23.66	23.75	23.88	1	22.50	22.84	22.60	2
	1	5	24.63	24.46	24.70	0	23.56	23.62	23.83	1	22.51	22.79	22.55	2
	3	0	24.74	24.44	24.00	0	23.56	23.64	23.03	1	22.52	22.53	22.57	2
	3	1	24.71	24.52	24.37	0	23.75	23.81	23.02	1	22.56	22.69	22.59	2
	3	3	24.73	24.41	24.48	0	23.82	23.59	23.68	1	22.44	22.63	22.63	2
	6	0	23.66	23.42	23.94	1	22.63	22.48	22.85	2	21.42	21.41	21.65	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20415	20525	20635		20415	20525	20635		20415	20525	20635	
			825.5	836.5	847.5		825.5	836.5	847.5		825.5	836.5	847.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
5 / 3M	1	0	24.77	24.55	24.09	0	24.07	23.41	23.27	1	22.61	22.98	22.60	2
	1	7	24.75	24.55	24.16	0	24.06	23.48	23.33	1	22.88	22.01	22.78	2
	1	14	24.73	24.42	24.07	0	23.97	23.39	23.24	1	22.67	22.00	22.67	2
	8	0	23.73	23.56	23.04	1	22.73	22.48	22.04	2	21.70	21.43	21.64	3
	8	3	23.84	23.56	23.02	1	22.85	22.57	22.08	2	21.76	21.50	21.73	3
	8	7	23.70	23.50	22.97	1	22.72	23.51	22.02	2	21.65	21.52	21.66	3
	15	0	23.80	23.54	23.07	1	22.86	22.49	22.04	2	21.76	21.57	21.65	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20425	20525	20625		20425	20525	20625		20425	20525	20625	
			826.5	836.5	846.5		826.5	836.5	846.5		826.5	836.5	846.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
5 / 5M	1	0	24.79	24.54	24.09	0	23.69	23.64	23.91	1	22.70	22.84	23.00	2
	1	12	24.78	23.78	24.03	0	23.66	23.61	23.90	1	22.60	22.71	22.93	2
	1	24	24.72	23.76	24.22	0	23.66	23.45	23.87	1	22.47	22.52	22.99	2
	12	0	23.76	23.69	23.11	1	22.84	22.64	22.23	2	21.70	21.63	21.01	3
	12	6	23.73	23.62	23.18	1	22.85	23.58	22.06	2	21.61	21.60	21.01	3
	12	13	23.74	23.60	23.03	1	22.84	23.53	22.15	2	21.47	21.69	20.99	3
	25	0	23.76	23.61	23.17	1	22.88	23.59	22.31	2	21.47	21.67	20.99	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			20450	20525	20600		20450	20525	20600		20450	20525	20600	
			829	836.5	844		829	836.5	844		829	836.5	844	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
5 / 10M	1	0	24.71	24.60	24.35	0	23.91	23.54	23.63	1	22.54	22.80	22.26	2
	1	24	24.63	24.46	24.26	0	23.81	23.41	23.46	1	22.63	22.67	22.06	2
	1	49	24.49	24.32	24.12	0	23.62	23.17	23.35	1	22.42	22.50	22.34	2
	25	0	23.70	23.60	23.36	1	22.81	22.68	22.46	2	21.66	21.51	21.06	3
	25	12	23.60	23.59	23.31	1	22.70	22.67	22.46	2	21.48	21.50	21.22	3
	25	25	23.49	23.45	23.31	1	22.67	22.56	22.37	2	21.21	21.48	21.17	3
	50	0	23.53	23.51	23.31	1	22.58	22.63	22.37	2	21.24	21.45	21.03	3

LTE CA_5C (PCC/SCC: 5M+10M)

Intra Band-Contiguous CA															
PCC							SCC							MPR	
Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	MPR Level (dB)	Tx Power with UL-CA Active (dBm) Level (dB)
5	5	QPSK	0	0	20425	826.8	5	10	QPSK	1	49	20497	834	0	24.15
			1	0						0	0			0	23.83
			25	0						0	0			0-1	23.16
			25	0						50	0			0-2	22.12
			1	0						1	49			0-8.5	13.71
			1	0						1	0			0-4.5	13.67
			1	24						1	0			0	23.76
			25	0						1	49			0-3.5	18.14
5	5	QPSK	0	0	20478	831.8	5	10	QPSK	1	49	20550	839	0	24.69
			1	0						0	0			0	24.67
			25	0						0	0			0-1	24.15
			25	0						50	0			0-2	23.07
			1	0						1	49			0-8.5	14.51
			1	0						1	0			0-4.5	14.66
			1	24						1	0			0	24.61
			25	0						1	49			0-3.5	18.97
5	5	QPSK	0	0	20528	836.8	5	10	QPSK	1	49	20600	844	0	23.97
			1	0						0	0			0	23.99
			25	0						0	0			0-1	23.18
			25	0						50	0			0-2	22.17
			1	0						1	49			0-8.5	13.72
			1	0						1	0			0-4.5	13.77
			1	24						1	0			0	23.82
			25	0						1	49			0-3.5	18.1

LTE CA_5C (PCC/SCC: 10M+5M)

Intra Band-Contiguous CA															
PCC							SCC							MPR	
Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	MPR Level (dB)	Tx Power with UL-CA Active (dBm) Level (dB)
5	10	QPSK	0	0	20450	829	5	5	QPSK	1	24	20522	836.2	0	24.14
			1	0						0	0			0	23.82
			50	0						0	0			0-1	22.28
			50	0						25	0			0-2	22.16
			1	0						1	24			0-8.5	13.63
			1	0						1	0			0-4.5	13.72
			1	49						1	0			0	23.78
			50	0						1	24			0-3.5	20.11
5	10	QPSK	0	0	20500	834	5	5	QPSK	1	24	20572	841.2	0	24.7
			1	0						0	0			0	24.61
			50	0						0	0			0-1	23.13
			50	0						25	0			0-2	23
			1	0						1	24			0-8.5	14.31
			1	0						1	0			0-4.5	14.48
			1	49						1	0			0	24.58
			50	0						1	24			0-3.5	20.94
5	10	QPSK	0	0	20553	839.3	5	5	QPSK	1	24	20625	846.5	0	23.91
			1	0						0	0			0	24.02
			50	0						0	0			0-1	22.17
			50	0						25	0			0-2	22.12
			1	0						1	24			0-8.5	13.78
			1	0						1	0			0-4.5	13.83
			1	49						1	0			0	23.72
			50	0						1	24			0-3.5	20.03

LTE CA_5C (PCC/SCC: 10M+10M)

Intra Band-Contiguous CA															
PCC							SCC							MPR	
Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	Band	BW (MHz)	Modulation	RB Size	RB Offset	UL Channel	UL Frequency (MHz)	MPR Level (dB)	Tx Power with UL-CA Active (dBm) Level (dB)
5	10	QPSK	0	0	20450	829	5	10	QPSK	1	49	20549	838.9	0	23.17
			1	0						0	0			0	23.28
			50	0						0	0			0-1	23.12
			50	0						50	0			0-2	22.07
			1	0						1	49			0-8.5	12.59
			1	0						1	0			0-4.5	12.8
			1	49						1	0			0	23.37
			50	0						1	49			0-3.5	18.65
5	10	QPSK	0	0	20475	831.5	5	10	QPSK	1	49	20574	841.4	0	23.97
			1	0						0	0			0	24.35
			50	0						0	0			0-1	24.13
			50	0						50	0			0-2	22.86
			1	0						1	49			0-8.5	13.56
			1	0						1	0			0-4.5	13.67
			1	49						1	0			0	24.25
			50	0						1	49			0-3.5	19.52
5	10	QPSK	0	0	20501	834.1	5	10	QPSK	1	49	20600	844	0	23.26
			1	0						0	0			0	23.62
			50	0						0	0			0-1	23.21
			50	0						50	0			0-2	22.14
			1	0						1	49			0-8.5	12.87
			1	0						1	0			0-4.5	12.87
			1	49						1	0			0	23.46
			50	0						1	49			0-3.5	18.74

LTE Band 26

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			26797	26915	27033		26797	26915	27033		26797	26915	27033	
			824.7	836.5	848.3		824.7	836.5	848.3		824.7	836.5	848.3	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
26 / 1.4M	1	0	24.64	24.41	24.10	0	23.58	23.61	23.97	1	22.50	22.82	22.19	2
	1	2	24.61	24.41	24.15	0	23.55	23.61	23.02	1	22.49	22.56	22.36	2
	1	5	24.53	24.37	24.07	0	23.59	23.53	23.92	1	22.27	22.43	22.08	2
	3	0	24.59	24.30	24.09	0	23.36	23.53	23.16	1	22.48	22.60	22.12	2
	3	1	24.63	24.45	24.08	0	23.60	23.58	23.10	1	22.45	22.72	22.29	2
	3	3	24.60	24.41	24.07	0	23.64	23.60	23.09	1	22.44	22.81	22.22	2
	6	0	23.56	23.36	23.36	1	22.62	22.35	22.05	2	21.53	21.56	21.10	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			26805	26915	27025		26805	26915	27025		26805	26915	27025	
			825.50	836.50	847.50		825.50	836.50	847.50		825.5	836.5	847.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
26 / 3M	1	0	24.76	24.51	24.12	0	23.53	23.82	23.09	1	22.47	22.73	22.02	2
	1	7	24.68	24.66	24.26	0	23.61	23.77	23.14	1	22.40	22.19	22.10	2
	1	14	24.58	24.42	24.09	0	23.56	23.63	23.05	1	22.43	22.48	22.09	2
	8	0	23.70	23.48	23.22	1	22.63	22.49	22.16	2	21.58	21.19	21.09	3
	8	3	23.73	23.49	23.15	1	22.70	22.51	22.09	2	21.59	21.21	21.12	3
	8	7	23.65	23.42	23.19	1	22.62	23.81	22.15	2	21.42	21.16	21.15	3
	15	0	23.73	23.40	23.15	1	22.70	22.51	22.09	2	21.70	21.32	21.10	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			26815	26915	27015		26815	26915	27015		26815	26915	27015	
			826.50	836.50	846.50		826.50	836.50	846.50		826.5	836.5	846.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
26 / 5M	1	0	24.76	24.55	24.35	0	23.96	23.40	23.49	1	22.75	22.82	22.05	2
	1	12	24.75	24.39	24.14	0	23.88	23.33	23.46	1	22.54	22.53	22.12	2
	1	24	24.64	24.33	24.18	0	23.84	23.27	23.33	1	22.37	22.50	22.14	2
	12	0	23.77	23.52	23.15	1	22.74	22.55	22.30	2	21.50	21.67	21.03	3
	12	6	23.66	23.43	23.12	1	22.74	22.49	22.20	2	21.60	21.61	21.06	3
	12	13	23.67	23.44	23.12	1	22.76	22.52	22.17	2	21.56	21.55	20.85	3
	25	0	23.70	23.49	23.23	1	22.72	22.57	22.32	2	21.46	21.65	21.13	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			26840	26915	26990		26840	26915	26990		26840	26915	26990	
			829	836.5	844		829	836.5	844		829	836.5	844	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
26 / 10M	1	0	24.71	24.87	24.41	0	23.85	23.67	23.30	1	22.51	22.26	22.48	2
	1	24	24.56	24.45	24.21	0	23.47	23.58	23.15	1	22.26	22.08	22.29	2
	1	49	24.46	24.34	24.14	0	23.29	23.51	23.07	1	22.40	22.28	22.36	2
	25	0	23.61	23.63	23.36	1	22.77	22.68	22.56	2	21.54	21.79	21.60	3
	25	12	23.67	23.55	23.21	1	22.77	22.60	22.47	2	21.40	21.66	21.66	3
	25	25	23.53	23.41	23.21	1	22.72	22.56	22.29	2	21.29	21.57	21.29	3
	50	0	23.61	23.54	23.37	1	22.61	22.69	22.54	2	21.56	21.72	21.34	3

Band / BW	RB Size	RB Offset	QPSK			3GPP MPR (dB)	16QAM			3GPP MPR (dB)	64QAM			3GPP MPR (dB)
			Low CH	Mid CH	High CH		Low CH	Mid CH	High CH		Low CH	Mid CH	High CH	
			26865	26915	26965		26865	26915	26965		26865	26915	26965	
			831.5	836.5	841.5		831.5	836.5	841.5		831.5	836.5	841.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
26 / 15M	1	0	24.80	24.74	24.51	0	23.97	23.61	23.76	1	22.55	22.78	22.44	2
	1	37	24.63	24.47	24.37	0	23.45	23.39	23.51	1	22.45	22.77	22.09	2
	1	74	24.34	24.15	24.45	0	23.96	23.09	23.33	1	22.18	22.56	22.23	2
	36	0	23.75	23.62	23.49	1	22.92	22.76	22.31	2	21.52	21.41	21.45	3
	36	19	23.66	23.54	23.21	1	22.57	22.62	22.35	2	21.59	21.41	21.18	3
	36	39	23.60	23.38	23.47	1	22.58	22.48	22.06	2	21.51	21.08	21.35	3
	75	0	23.68	23.53	23.17	1	22.84	22.63	22.58	2	21.39	21.38	21.29	3

ERP POWER

WCDMA

Band	WCDMA V		
Channel	4132	4182	4233
Frequency (MHz)	826.4	836.4	846.6
RMC 12.2K	24.36	24.37	24.12
Gain (dBi)	2.68	2.68	2.68
Isotropically Factor (dB)	2.15	2.15	2.15
Max ERP Power (dBm)	24.89	24.90	24.65

LTE Band 5

Band 5 / 1.4M 1RB#0

Test Mode	QPSK			16QAM			64QAM		
	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH
	20407	20525	20643	20407	20525	20643	20407	20525	20643
	824.7	836.5	848.3	824.7	836.5	848.3	824.7	836.5	848.3
	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
Max Cond. Power (dBm)	24.75	24.47	24.65	23.74	23.67	23.89	22.66	22.85	22.65
Gain (dBi)	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68
Isotropically Factor (dB)	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Max ERP Power (dBm)	25.28	25.00	25.18	24.27	24.20	24.42	23.19	23.38	23.18

Band 5 / 3M 1RB#0

Test Mode	QPSK			16QAM			64QAM		
	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH
	20415	20525	20635	20415	20525	20635	20415	20525	20635
	825.5	836.5	847.5	825.5	836.5	847.5	825.5	836.5	847.5
	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
Max Cond. Power (dBm)	24.77	24.55	24.09	24.07	23.41	23.27	22.61	22.98	22.60
Gain (dBi)	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68
Isotropically Factor (dB)	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Max ERP Power (dBm)	25.30	25.08	24.62	24.60	23.94	23.80	23.14	23.51	23.13

Band 5 / 5M 1RB#0

Test Mode	QPSK			16QAM			64QAM		
	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH
	20425	20525	20625	20425	20525	20625	20425	20525	20625
	826.5	836.5	846.5	826.5	836.5	846.5	826.5	836.5	846.5
	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
Max Cond. Power (dBm)	24.79	24.54	24.09	23.69	23.64	23.91	22.70	22.84	23.00
Gain (dBi)	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68
Isotropically Factor (dB)	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Max ERP Power (dBm)	25.32	25.07	24.62	24.22	24.17	24.44	23.23	23.37	23.53

Band 5 / 10M 1RB#0

Test Mode	QPSK			16QAM			64QAM		
	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH
	20450	20525	20600	20450	20525	20600	20450	20525	20600
	829	836.5	844	829	836.5	844	829	836.5	844
	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
Max Cond. Power (dBm)	24.71	24.60	24.35	23.91	23.54	23.63	22.54	22.80	22.26
Gain (dBi)	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68
Isotropically Factor (dB)	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Max ERP Power (dBm)	25.24	25.13	24.88	24.44	24.07	24.16	23.07	23.33	22.79

LTE CA_5C (PCC/SCC: 10M+5M)

Channel Number	Freq. (MHz)	QPSK								
		PCC		SCC		Conducted Power	Gain	Isotropically Factor (dB)	ERP(dBm)	ERP(mW)
		RB Number	RB Set	RB Number	RB Set	Chain 0				
20528+20600	836.8+844	0	0	1	24	24.70	2.68	2.15	25.23	333.43

LTE CA_5C (PCC/SCC: 10M+10M)

Channel Number	Freq. (MHz)	QPSK								
		PCC		SCC		Conducted Power	Gain	Isotropically Factor (dB)	ERP(dBm)	ERP(mW)
		RB Number	RB Set	RB Number	RB Set	Chain 0				
20475+20574	831.5+841.4	50	0	50	0	22.86	2.68	2.15	23.39	218.27

LTE Band 26

Band 26 / 1.4M 1RB#0

Test Mode	QPSK			16QAM			64QAM		
	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH
	26797	26915	27033	26797	26915	27033	26797	26915	27033
	824.7	836.5	848.3	824.7	836.5	848.3	824.7	836.5	848.3
	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
Max Cond. Power (dBm)	24.64	24.41	24.10	23.58	23.61	23.97	22.50	22.82	22.19
Gain (dBi)	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92
Isotropically Factor (dB)	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Max ERP Power (dBm)	25.41	25.18	24.87	24.35	24.38	24.74	23.27	23.59	22.96

Band 26 / 3M 1RB#0

Test Mode	QPSK			16QAM			64QAM		
	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH
	26805	26915	27025	26805	26915	27025	26805	26915	27025
	825.50	836.50	847.50	825.50	836.50	847.50	825.5	836.5	847.5
	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
Max Cond. Power (dBm)	24.76	24.51	24.12	23.53	23.82	23.09	22.47	22.73	22.02
Gain (dBi)	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92
Isotropically Factor (dB)	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Max ERP Power (dBm)	25.53	25.28	24.89	24.30	24.59	23.86	23.24	23.50	22.79

Band 26 / 5M 1RB#0

Test Mode	QPSK			16QAM			64QAM		
	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH
	26815	26915	27015	26815	26915	27015	26815	26915	27015
	826.50	836.50	846.50	826.50	836.50	846.50	826.5	836.5	846.5
	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
Max Cond. Power (dBm)	24.76	24.55	24.35	23.96	23.40	23.49	22.75	22.82	22.05
Gain (dBi)	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92
Isotropically Factor (dB)	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Max ERP Power (dBm)	25.53	25.32	25.12	24.73	24.17	24.26	23.52	23.59	22.82

Band 26 / 10M 1RB#0

Test Mode	QPSK			16QAM			64QAM		
	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH
	26840	26915	26990	26840	26915	26990	26840	26915	26990
	829	836.5	844	829	836.5	844	829	836.5	844
	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
Max Cond. Power (dBm)	24.71	24.87	24.41	23.85	23.67	23.30	22.51	22.26	22.48
Gain (dBi)	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92
Isotropically Factor (dB)	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Max ERP Power (dBm)	25.48	25.64	25.18	24.62	24.44	24.07	23.28	23.03	23.25

Band 26 / 15M 1RB#0

Test Mode	QPSK			16QAM			64QAM		
	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH	Low CH	Mid CH	High CH
	26865	26915	26965	26865	26915	26965	26865	26915	26965
	831.5	836.5	841.5	831.5	836.5	841.5	831.5	836.5	841.5
	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz
Max Cond. Power (dBm)	24.80	24.74	24.51	23.97	23.61	23.76	22.55	22.78	22.44
Gain (dBi)	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92
Isotropically Factor (dB)	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Max ERP Power (dBm)	25.57	25.51	25.28	24.74	24.38	24.53	23.32	23.55	23.21

4.2 Modulation characteristics Measurement

4.2.1 Limits of Modulation characteristics

N/A

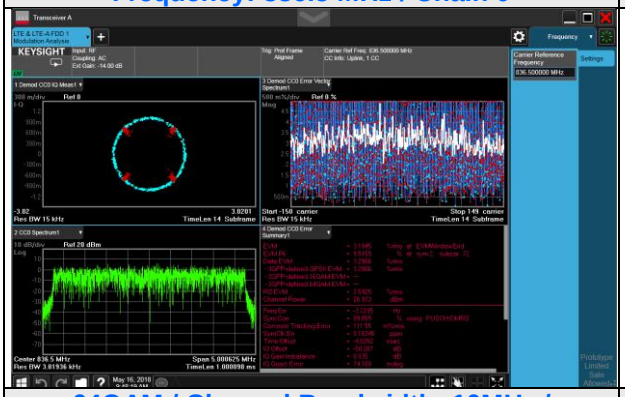
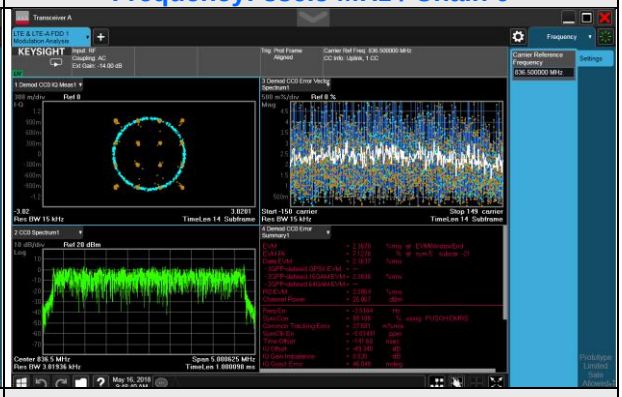
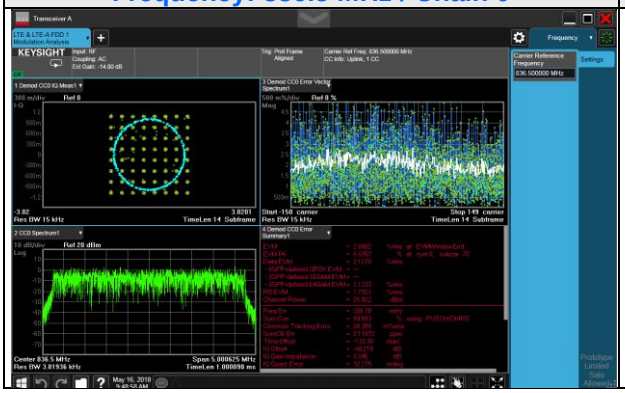
4.2.2 Test Procedure

Connect the EUT to Communication Simulator via the antenna connector, The frequency band is set as EUT supported Modulation and Channels, the EUT output is matched with 50 ohm load, the waveform quality and constellation of the EUT was tested.

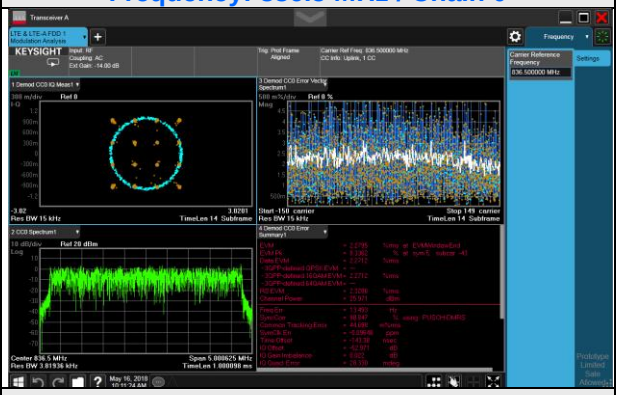
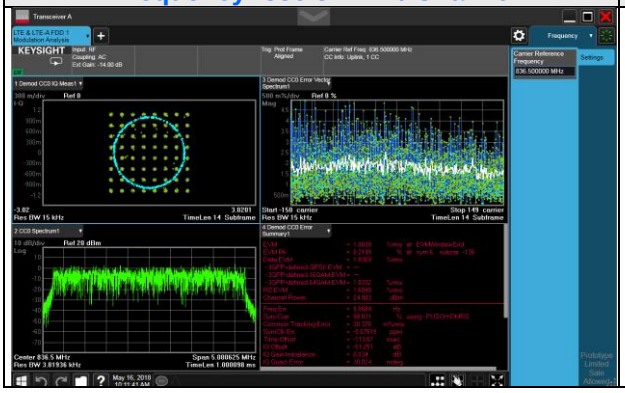
4.2.3 Test Setup

4.2.4 Test Results

LTE Band 5

QPSK / Channel Bandwidth: 10MHz / Frequency: 836.5 MHz / Chain 0	16QAM / Channel Bandwidth: 10MHz / Frequency: 836.5 MHz / Chain 0
	
64QAM / Channel Bandwidth: 10MHz / Frequency: 836.5 MHz / Chain 0	
	

LTE Band 26

QPSK / Channel Bandwidth: 15MHz / Frequency: 836.5 MHz / Chain 0	16QAM / Channel Bandwidth: 15MHz / Frequency: 836.5 MHz / Chain 0
	
64QAM / Channel Bandwidth: 15MHz / Frequency: 836.5 MHz / Chain 0	
	

4.3 Frequency Stability Measurement

4.3.1 Limits of Frequency Stabiliity Measurement

1.5 ppm is for base and fixed station. 2.5 ppm is for mobile station.

4.3.2 Test Procedure

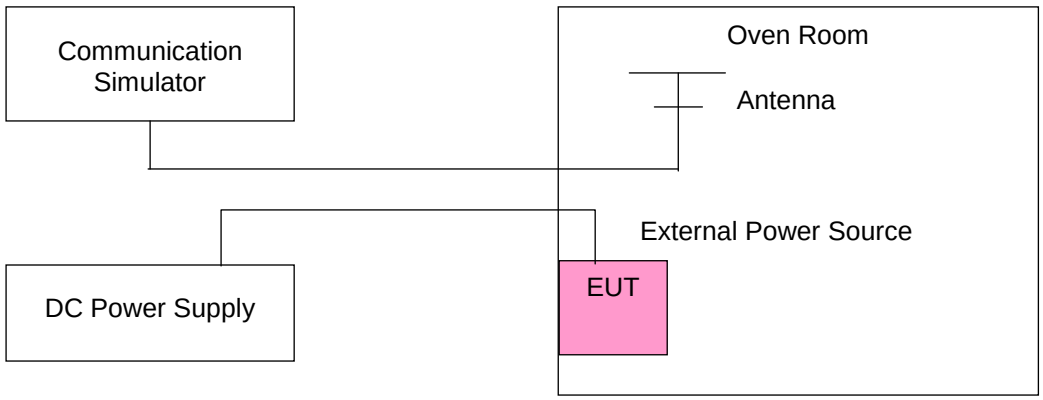
a. Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.

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.

4.3.3 Test Setup



4.3.4 Test Results

WCDMA

Frequency Error vs. Voltage

Voltage (Volts)	Frequency Error (ppm)	Limit (ppm)
	WCDMA	
2.805	0.032	2.5
3.795	0.031	2.5

Frequency Error vs.Temperature.

TEMP. (℃)	Frequency Error (ppm)	Limit (ppm)
	WCDMA	
50	0.030	2.5
40	0.032	2.5
30	0.042	2.5
20	0.041	2.5
10	0.046	2.5
0	0.046	2.5
-10	0.038	2.5
-20	0.035	2.5
-30	0.036	2.5

LTE Band 5

Frequency Error vs. Voltage

Voltage (Volts)	Frequency Error (ppm)				Limit (ppm)
	LTE Band 5				
	1.4MHz	3MHz	5MHz	10MHz	
2.805	0.050	0.025	0.033	0.059	2.5
3.795	0.053	0.029	0.032	0.027	2.5

Frequency Error vs. Temperature

Temp. (℃)	Frequency Error (ppm)				Limit (ppm)
	LTE Band 5				
	1.4MHz	3MHz	5MHz	10MHz	
50	0.032	0.031	0.031	0.039	2.5
40	0.049	0.055	0.036	0.026	2.5
30	0.050	0.036	0.038	0.030	2.5
20	0.056	0.043	0.053	0.059	2.5
10	0.056	0.045	0.033	0.051	2.5
0	0.049	0.029	0.032	0.032	2.5
-10	0.029	0.053	0.044	0.044	2.5
-20	0.054	0.041	0.039	0.024	2.5
-30	0.025	0.055	0.059	0.057	2.5

LTE CA_5C

Frequency Error vs. Voltage

Voltage (Volts)	Frequency Error (ppm)		Limit (ppm)
	CA_10+5 MHz Low Channel	CA_10+5 MHz High Channel	
2.805	0.999952	1.000107	2.5
3.795	1.000012	1.000083	2.5

Frequency Error vs. Temperature.

Temp. (℃)	Frequency Error (ppm)		Limit (ppm)
	CA_5+10 MHz Low Channel	CA_5+10 MHz High Channel	
50	1.000108	0.999964	2.5
40	1.000096	1.000095	2.5
30	0.999964	0.999976	2.5
20	1.000000	1.000000	2.5
10	0.999940	1.000095	2.5
0	0.999928	0.999952	2.5
-10	1.000096	0.999917	2.5
-20	1.000036	0.999881	2.5
-30	0.999952	0.999941	2.5

LTE Band 26

Frequency Error vs. Voltage

Voltage (Volts)	Frequency Error (ppm)					Limit (ppm)
	LTE Band 26					
	1.4MHz	3MHz	5MHz	10MHz	15MHz	
2.805	0.047	0.043	0.032	0.034	0.025	2.5
3.795	0.034	0.023	0.024	0.047	0.043	2.5

Frequency Error vs. Temperature

Temp. (℃)	Frequency Error (ppm)					Limit (ppm)
	LTE Band 5					
	1.4MHz	3MHz	5MHz	10MHz	15MHz	
50	0.020	0.025	0.022	0.027	0.036	2.5
40	0.032	0.022	0.025	0.032	0.028	2.5
30	0.049	0.042	0.029	0.033	0.025	2.5
20	0.033	0.035	0.026	0.042	0.023	2.5
10	0.027	0.028	0.030	0.038	0.044	2.5
0	0.021	0.027	0.041	0.022	0.028	2.5
-10	0.044	0.047	0.036	0.031	0.029	2.5
-20	0.032	0.021	0.024	0.029	0.024	2.5
-30	0.021	0.033	0.048	0.041	0.040	2.5

4.4 Occupied Bandwidth Measurement

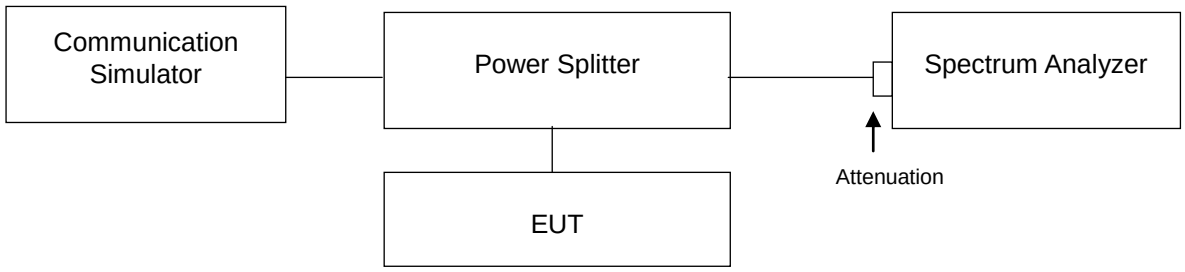
4.4.1 Test Procedure

All measurements were done at low, middle and high operational frequency range. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. The bandwidth of the fundamental frequency was measured by spectrum analyzer with RBW≥1% x OBW and VBW≥3 x VBW.

Occupied Bandwdith Measurement:
Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

26dB Bandwidth Measurement:
The emission bandwidth is defined as the width of the signal between two points,one below the carrier center frequency and one above the carrier center frequency, outside of which all emission are attenuated at least 26dB below the transmitter power.

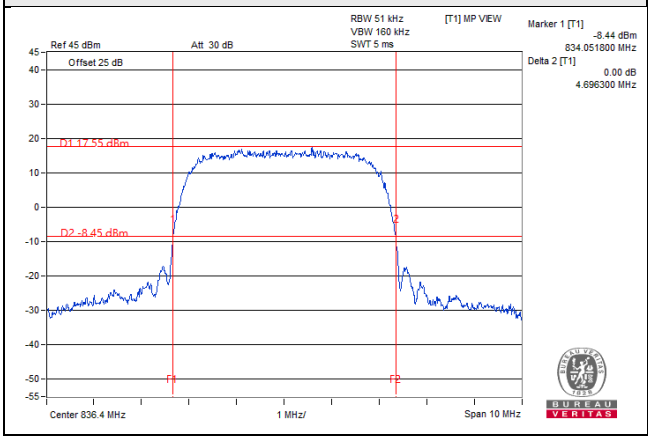
4.4.2 Test Setup



4.4.3 Test Result (-26dB Bandwidth)

Channel	Freq. (MHz)	-26dB Bandwidth (MHz)
		WCDMA
4132	826.4	4.68
4182	836.4	4.70
4233	846.6	4.66

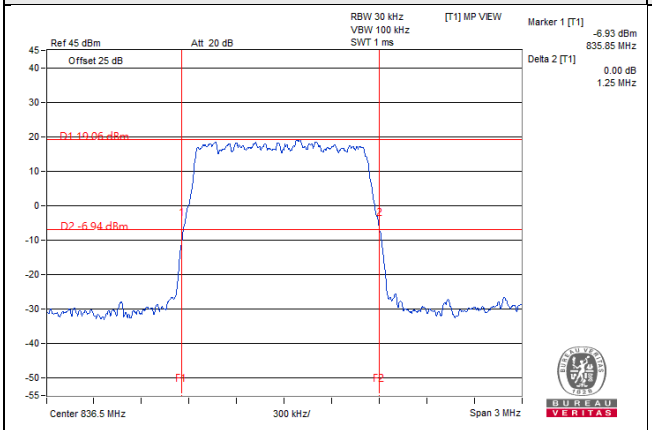
Spectrum Plot of Worst Value
WCDMA



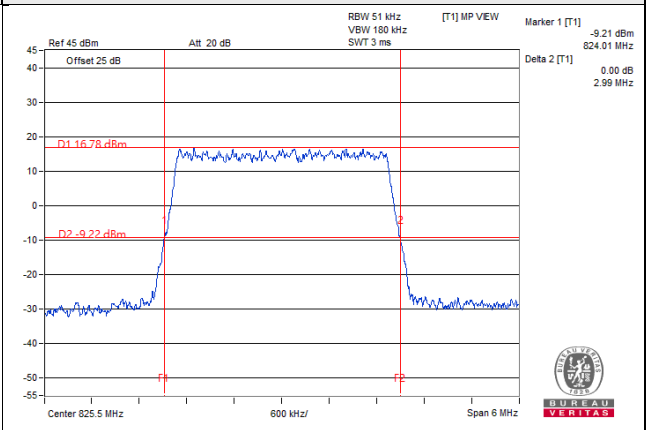
LTE Band 5									
Channel Bandwidth 1.4MHz					Channel Bandwidth 3MHz				
Channel	Frequency (MHz)	-26dB Bandwidth (MHz)			Channel	Frequency (MHz)	-26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
20407	824.7	1.24	1.24	1.25	20415	825.5	2.97	2.99	2.97
20525	836.5	1.25	1.24	1.24	20525	836.5	2.97	2.98	2.99
20643	848.3	1.25	1.24	1.24	20635	847.5	2.97	2.95	2.95
Channel Bandwidth 5MHz					Channel Bandwidth 10MHz				
Channel	Frequency (MHz)	-26dB Bandwidth (MHz)			Channel	Frequency (MHz)	-26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
20425	826.5	4.94	4.94	4.94	20450	829	9.85	9.70	9.81
20525	836.5	4.97	4.98	4.97	20525	836.5	9.85	9.77	9.76
20625	846.5	4.89	4.94	4.95	20600	844	9.84	9.73	9.81

Spectrum Plot of Worst Value

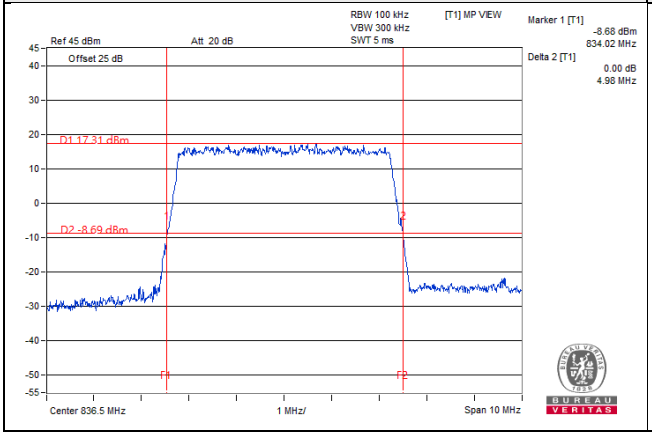
1.4MHz / QPSK



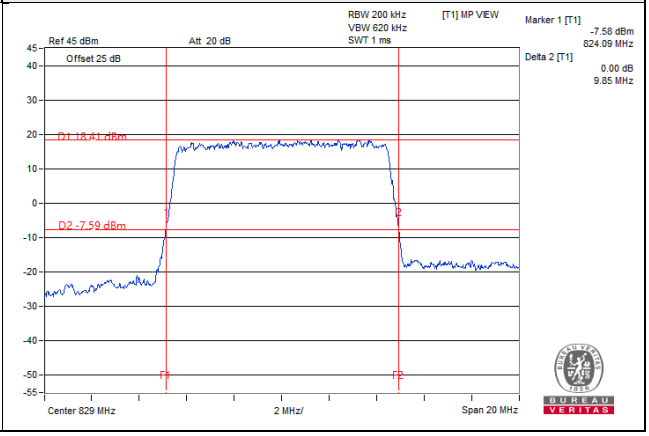
3MHz / 16QAM



5MHz / 16QAM

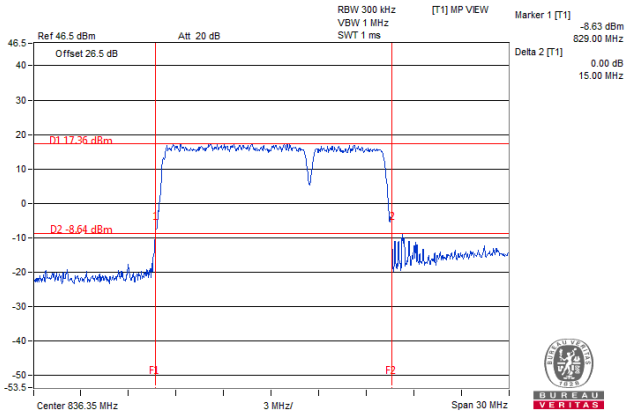


10MHz / QPSK



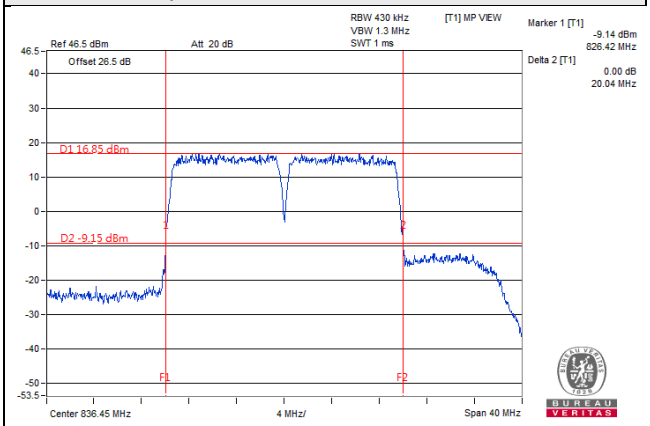
LTE CA_5C (10+5MHz)		
Channel	FREQ. (MHz)	-26dB Bandwidth (MHz)
		QPSK
20500+20572	834+841.2	15.00

Spectrum Plot of Worst Value



LTE CA_5C (10+10MHz)		
Channel	FREQ. (MHz)	-26dB Bandwidth (MHz)
		QPSK
20475+20574	831.5+841.4	20.04

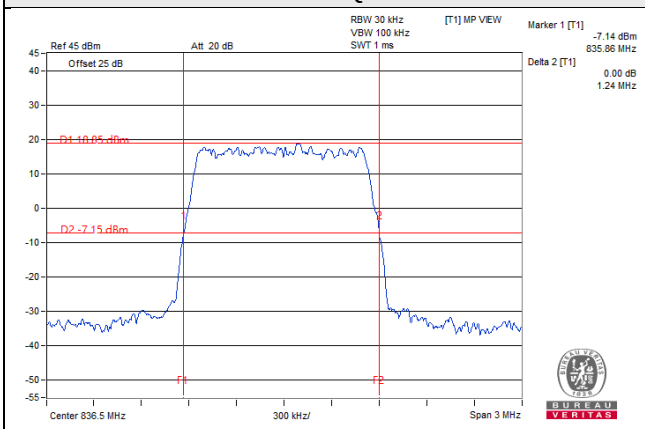
Spectrum Plot of Worst Value



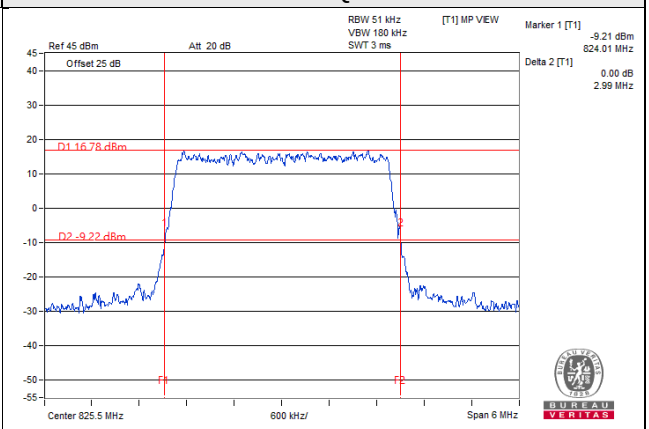
LTE Band 26									
Channel Bandwidth 1.4MHz					Channel Bandwidth 3MHz				
Channel	Frequency (MHz)	-26dB Bandwidth (MHz)			Channel	Frequency (MHz)	-26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
26797	824.7	1.23	1.24	1.24	26805	825.5	2.99	2.98	2.98
26915	836.5	1.24	1.24	1.24	26915	836.5	2.99	2.98	2.96
27033	848.3	1.24	1.24	1.24	27025	847.5	2.99	2.96	2.95
Channel Bandwidth 5MHz					Channel Bandwidth 10MHz				
Channel	Frequency (MHz)	-26dB Bandwidth (MHz)			Channel	Frequency (MHz)	-26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
26815	826.5	4.92	4.94	4.94	26840	829	9.82	9.77	9.83
26915	836.5	4.94	4.97	4.94	26915	836.5	9.82	9.76	9.77
27015	846.5	4.93	4.94	4.92	26990	844	9.84	9.79	9.82
Channel Bandwidth 15MHz									
Channel	Frequency (MHz)	-26dB Bandwidth (MHz)							
		QPSK	16QAM	64QAM					
26865	831.5	14.66	14.62	14.66					
26915	836.5	14.61	14.75	14.62					
26965	841.5	14.66	14.68	14.71					

Spectrum Plot of Worst Value

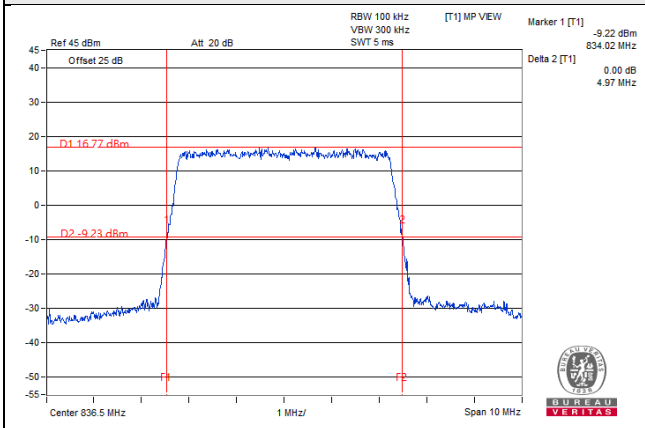
1.4MHz / QPSK



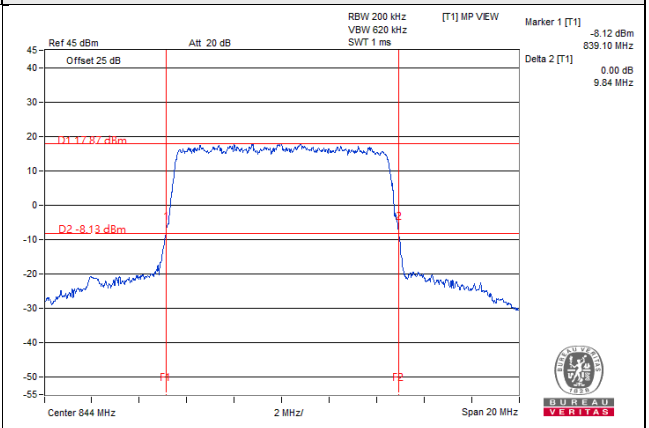
3MHz / QPSK



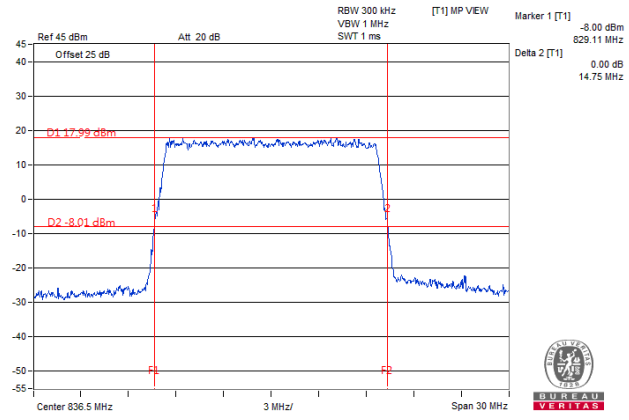
5MHz / 16QAM



10MHz / QPSK



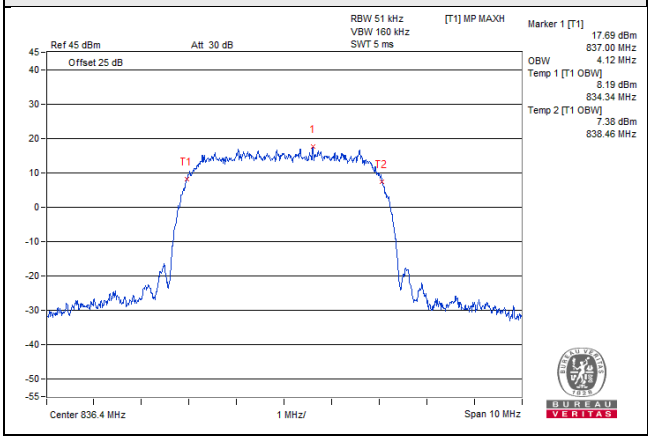
15MHz / 16QAM



4.4.4 Test Result (Occupied Bandwidth)

Channel	Freq. (MHz)	99% Occupied Bandwidth (MHz)
		WCDMA
4132	826.4	4.14
4182	836.4	4.12
4233	846.6	4.11

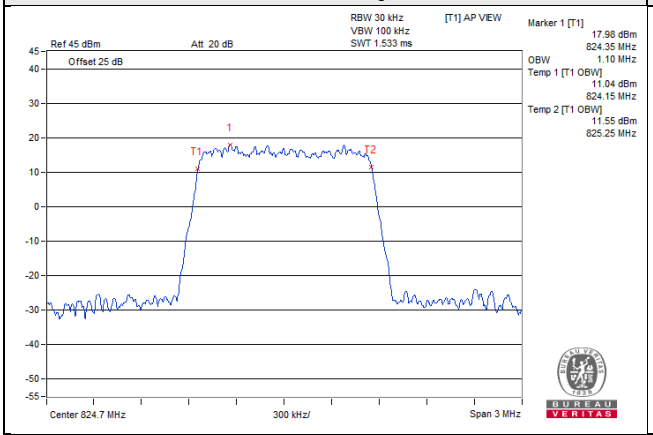
Spectrum Plot of Worst Value
WCDMA



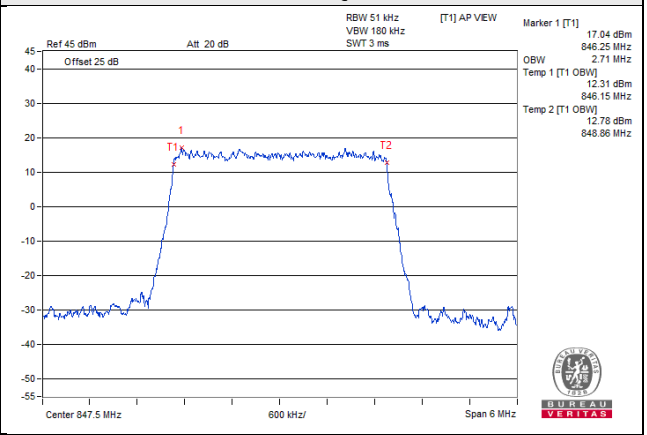
LTE Band 5									
Channel Bandwidth 1.4MHz					Channel Bandwidth 3MHz				
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
20407	824.7	1.09	1.10	1.10	20415	825.5	2.69	2.69	2.69
20525	836.5	1.09	1.09	1.10	20525	836.5	2.69	2.68	2.69
20643	848.3	1.09	1.09	1.10	20635	847.5	2.71	2.69	2.68
Channel Bandwidth 5MHz					Channel Bandwidth 10MHz				
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
20425	826.5	4.49	4.50	4.49	20450	829	8.96	8.96	8.96
20525	836.5	4.50	4.50	4.49	20525	836.5	8.98	8.96	8.98
20625	846.5	4.49	4.49	4.47	20600	844	8.98	8.96	8.96

Spectrum Plot of Worst Value

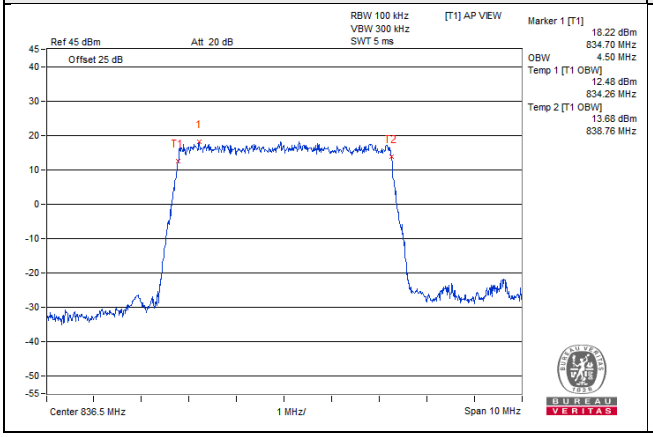
1.4MHz / 16QAM



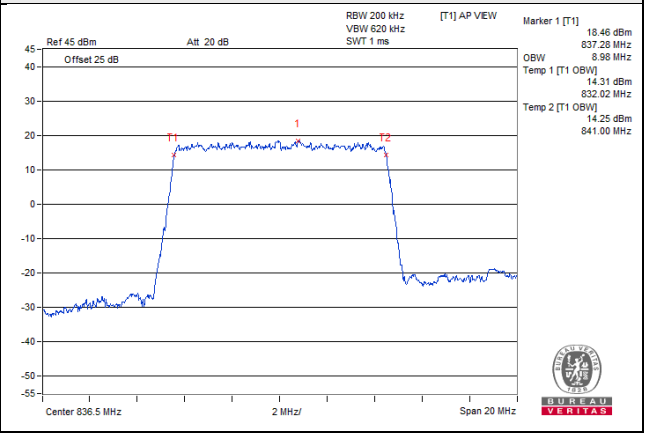
3MHz / QPSK



5MHz / QPSK

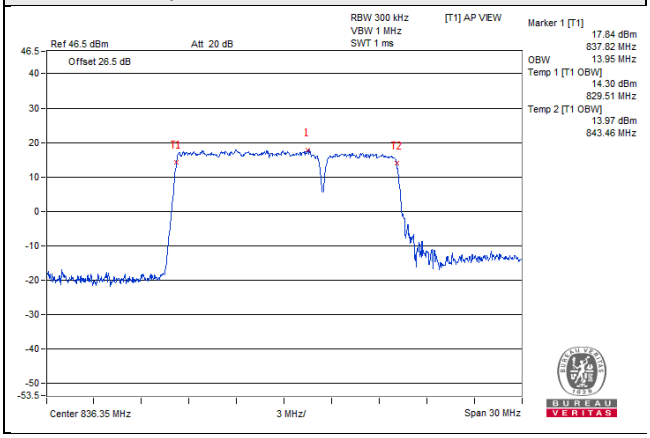


10MHz / QPSK



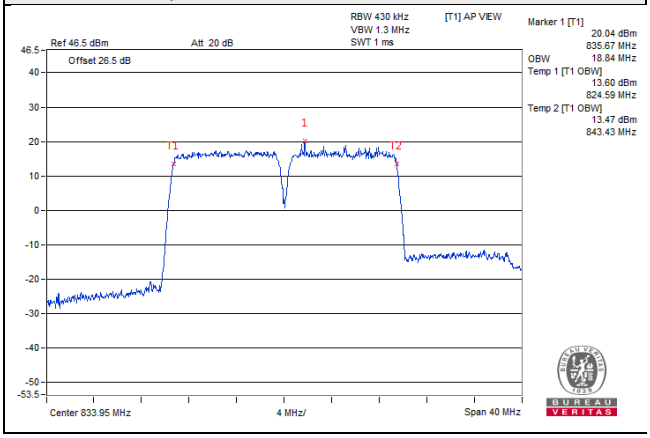
LTE CA_5C (10+5MHz)		
Channel	FREQ. (MHz)	99% Occupied Bandwidth (MHz)
		QPSK
20500+20572	834+841.2	13.95

Spectrum Plot of Worst Value



LTE CA_5C (10+10MHz)		
Channel	FREQ. (MHz)	99% Occupied Bandwidth (MHz)
		QPSK
20475+20574	831.5+841.4	18.84

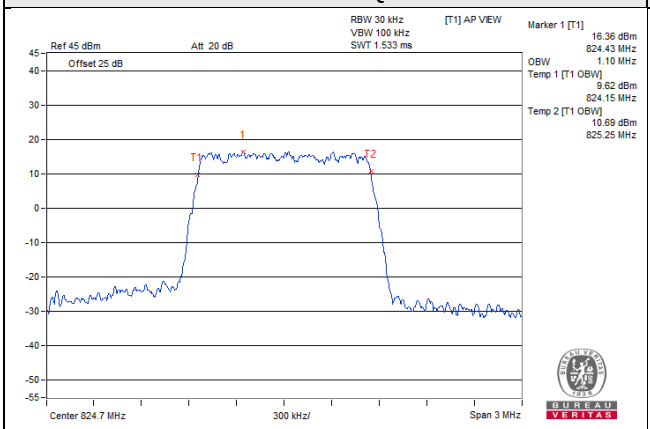
Spectrum Plot of Worst Value



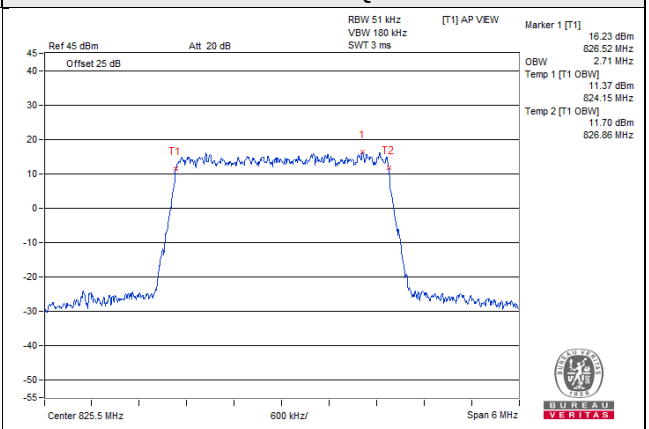
LTE Band 26									
Channel Bandwidth 1.4MHz					Channel Bandwidth 3MHz				
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
26797	824.7	1.09	1.09	1.10	26805	825.5	2.70	2.69	2.71
26915	836.5	1.09	1.09	1.09	26915	836.5	2.70	2.68	2.69
27033	848.3	1.09	1.09	1.09	27025	847.5	2.70	2.69	2.71
Channel Bandwidth 5MHz					Channel Bandwidth 10MHz				
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
26815	826.5	4.50	4.50	4.48	26840	829	8.96	8.94	8.96
26915	836.5	4.51	4.49	4.49	26915	836.5	8.98	8.96	8.98
27015	846.5	4.49	4.49	4.49	26990	844	8.96	8.96	8.98
Channel Bandwidth 15MHz									
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)							
		QPSK	16QAM	64QAM					
26865	831.5	13.44	13.44	13.47					
26915	836.5	13.47	13.47	13.44					
26965	841.5	13.44	13.44	13.44					

Spectrum Plot of Worst Value

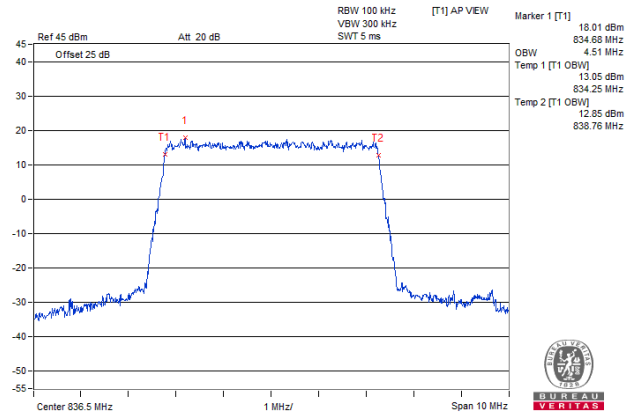
1.4MHz / 64QAM



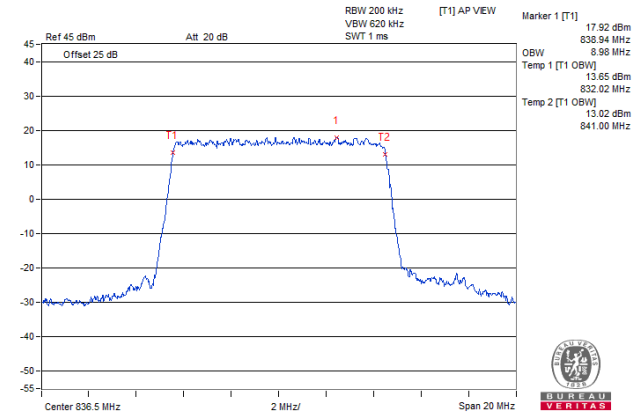
3MHz / 64QAM



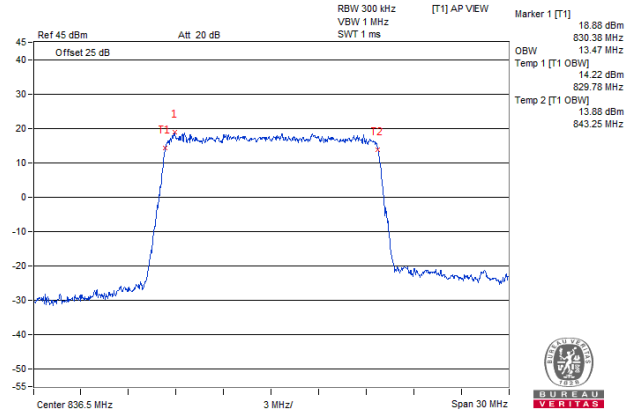
5MHz / QPSK



10MHz / QPSK



15MHz / QPSK

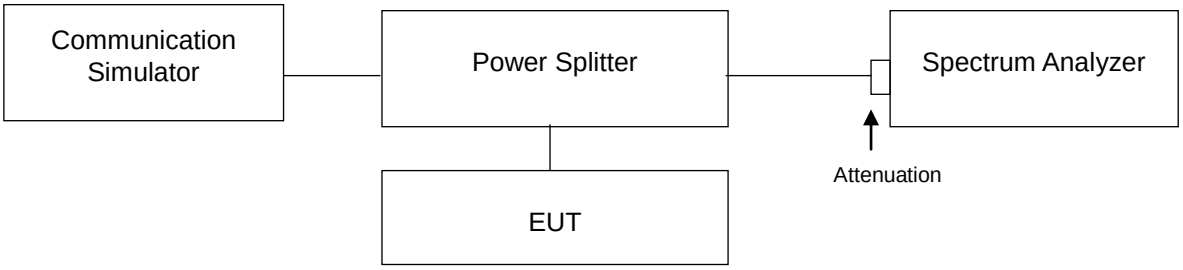


4.5 Band Edge Measurement

4.5.1 Limits of Band Edge Measurement

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. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

4.5.2 Test Setup

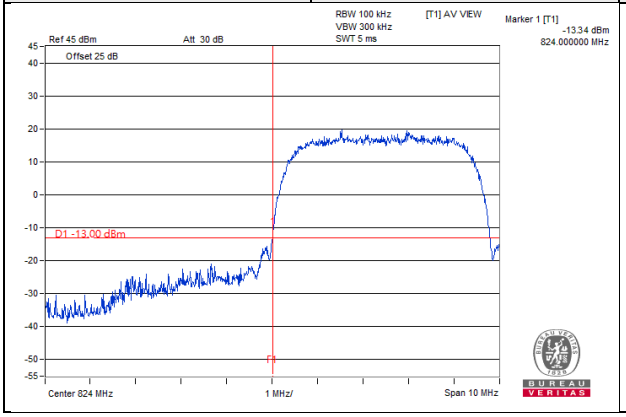


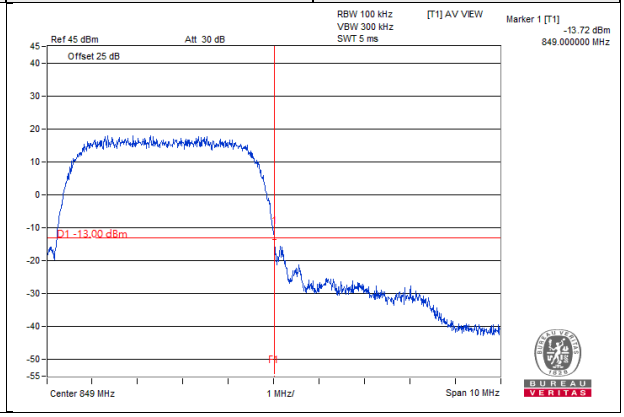
4.5.3 Test Procedures

a. All measurements were done at low and high operational frequency range.
b. The center frequency of spectrum is the band edge frequency and RB of the spectrum is >1% Emission Bandwidth and VB of the spectrum is ≧ 3*RB.
c. Record the max trace plot into the test report.

4.5.4 Test Results

WCDMA			
Channel	4132	Channel	4233

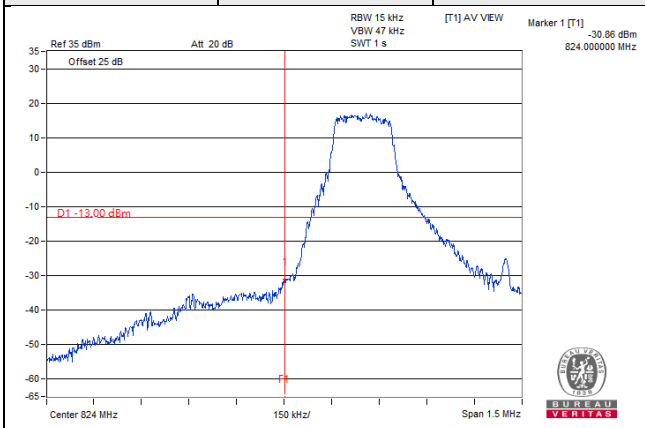




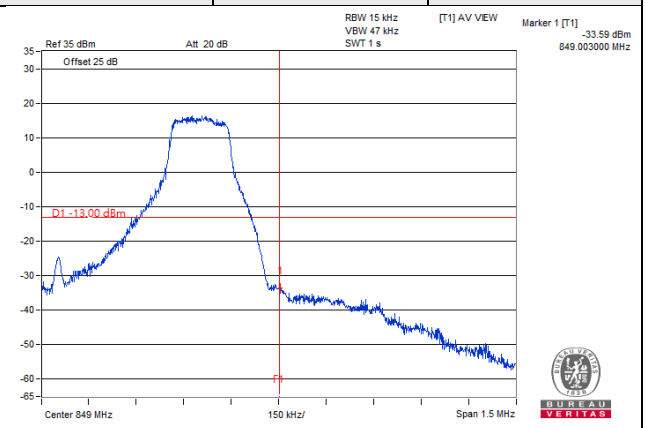
LTE Band 5

Channel Bandwidth 1.4MHz

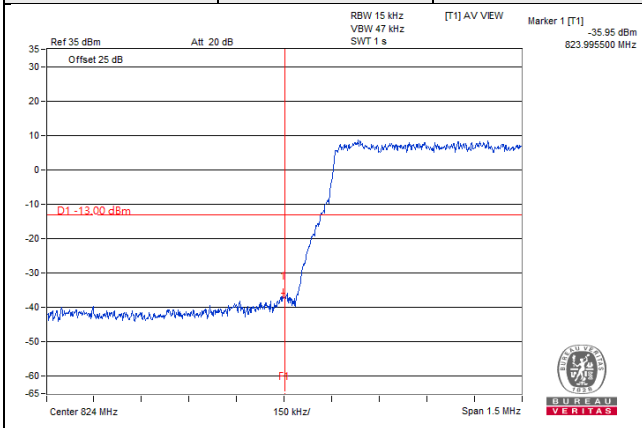
Channel	20407	1 RB



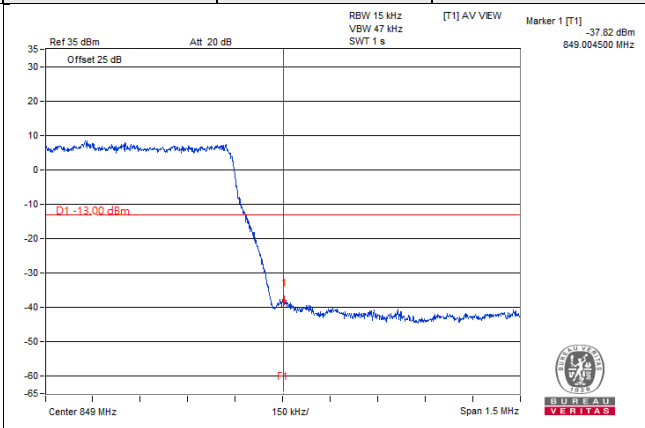
Channel	20643	1 RB



Channel	20407	6 RB



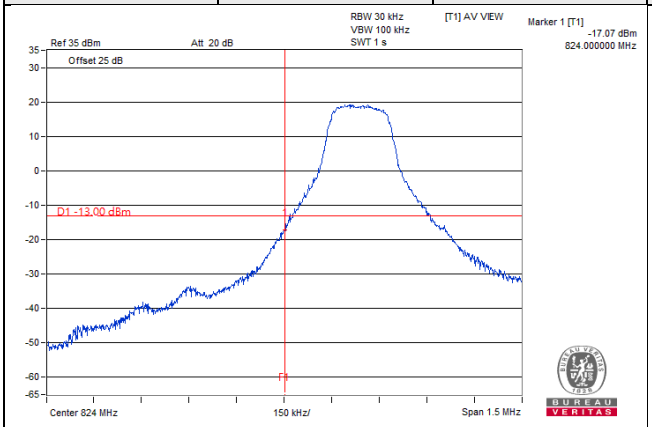
Channel	20643	6 RB

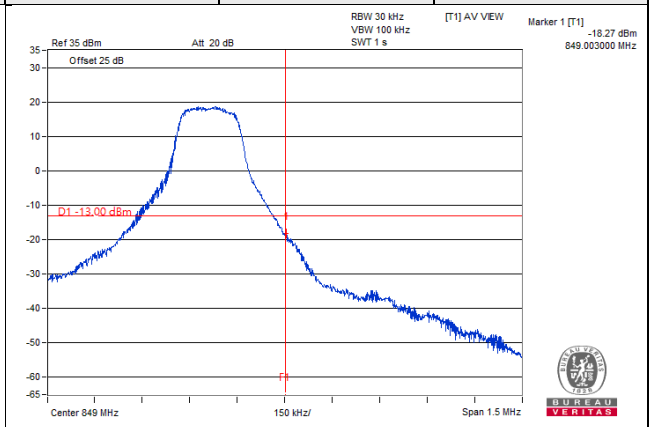


LTE Band 5

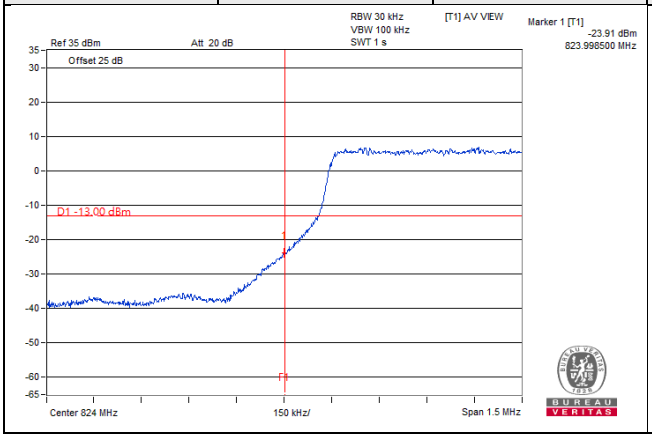
Channel Bandwidth 3MHz

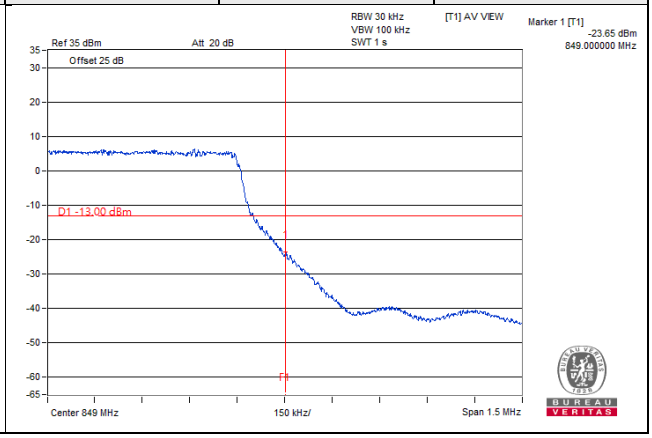
Channel	20415	1 RB	Channel	20635	1 RB





Channel	20415	15 RB	Channel	20635	15 RB

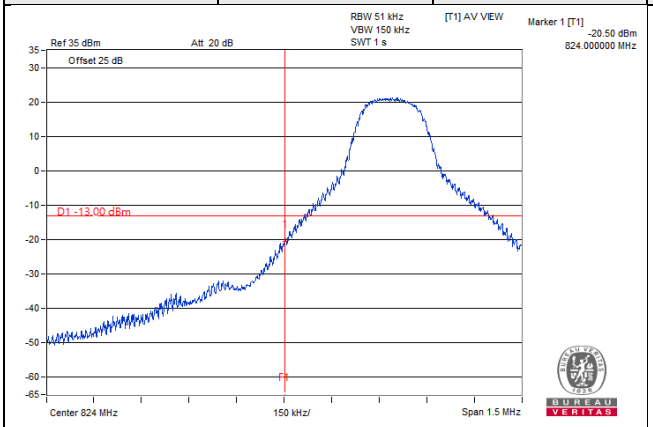


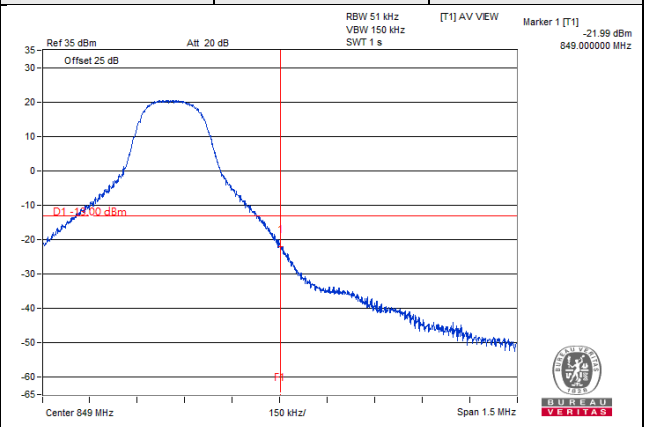


LTE Band 5

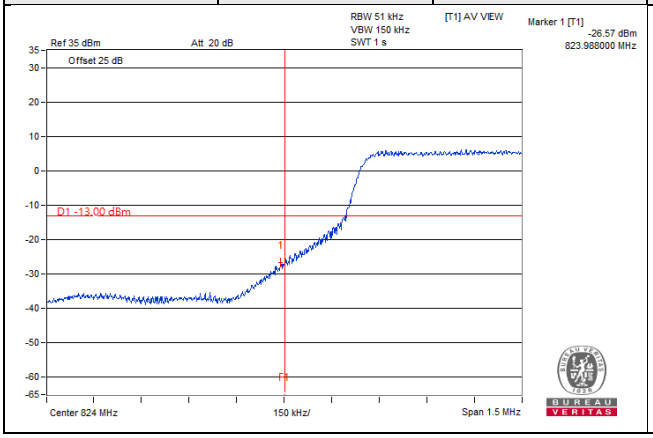
Channel Bandwidth 5MHz

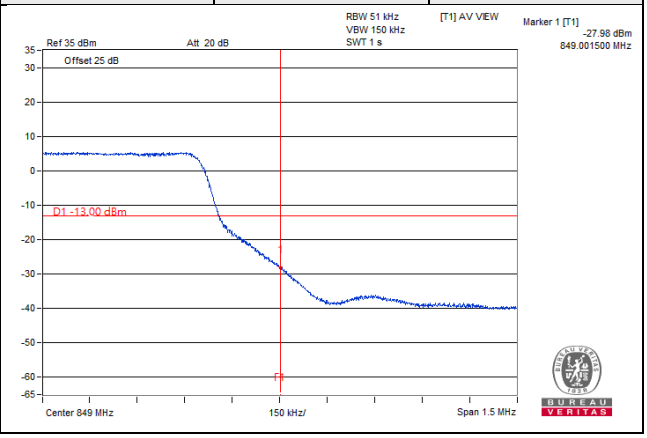
Channel	20425	1 RB	Channel	20625	1 RB





Channel	20425	25 RB	Channel	20625	25 RB

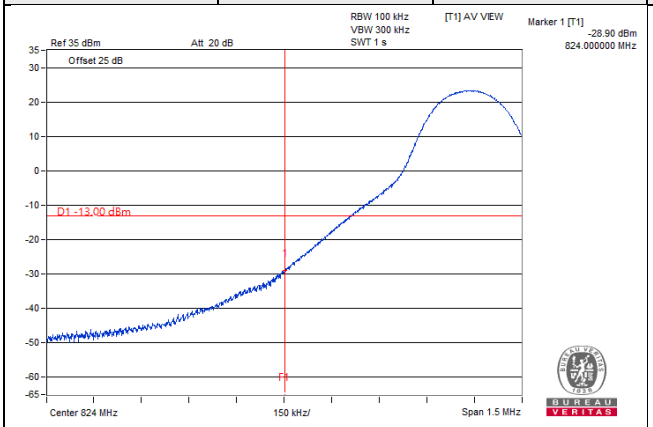


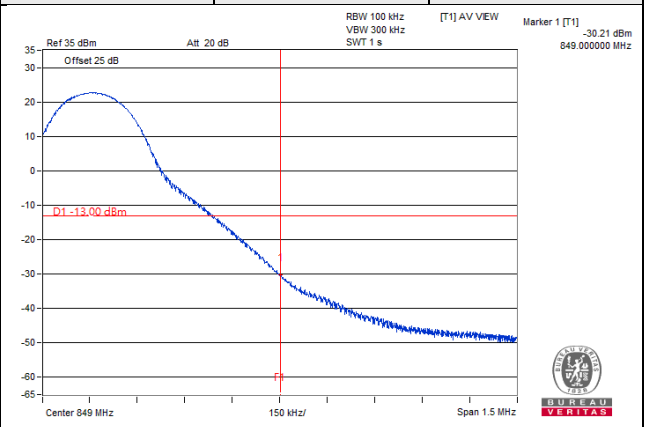


LTE Band 5

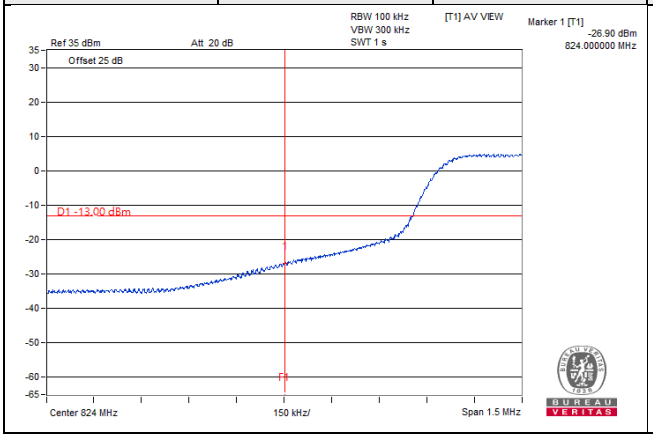
Channel Bandwidth 10MHz

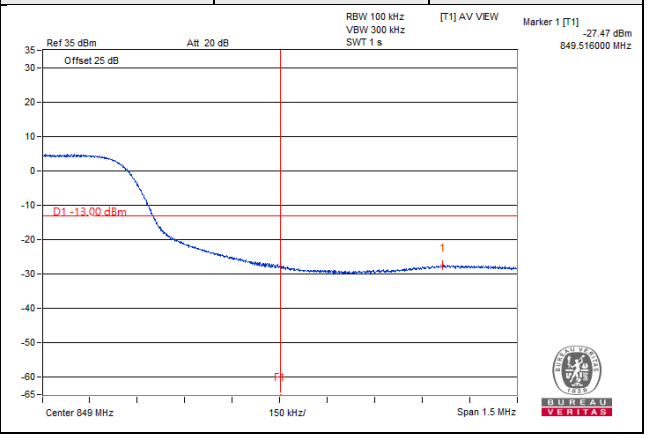
Channel	20450	1 RB	Channel	20600	1 RB

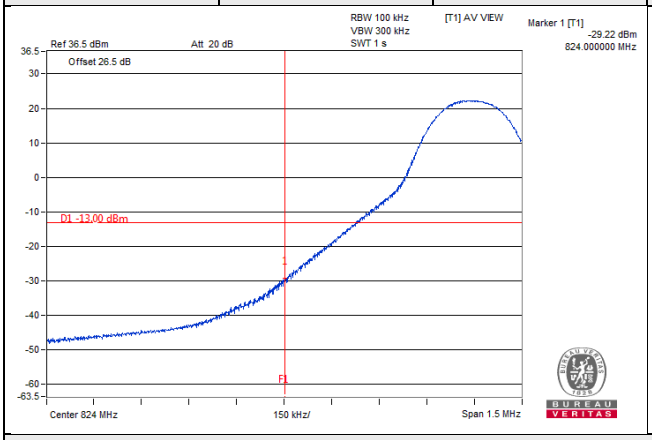
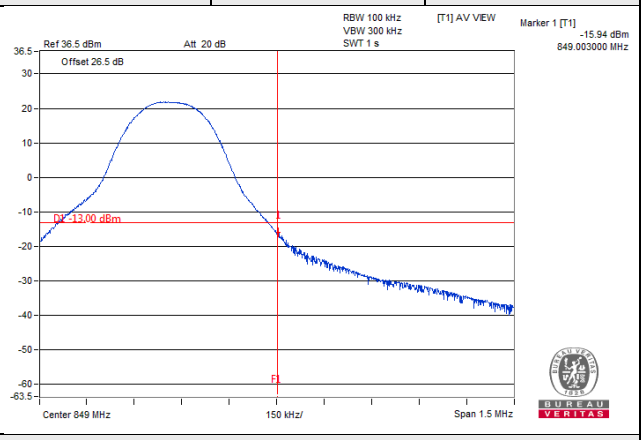
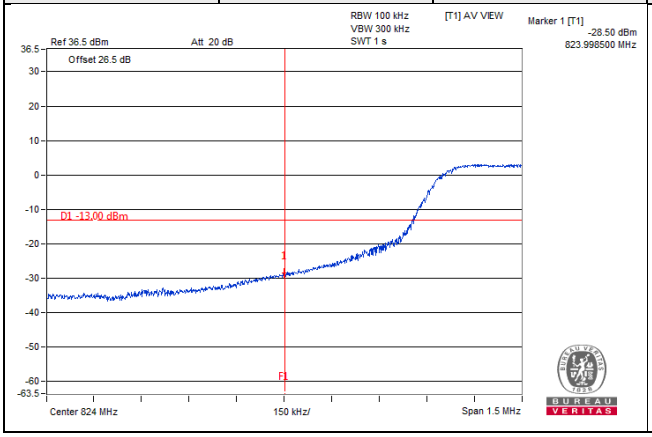
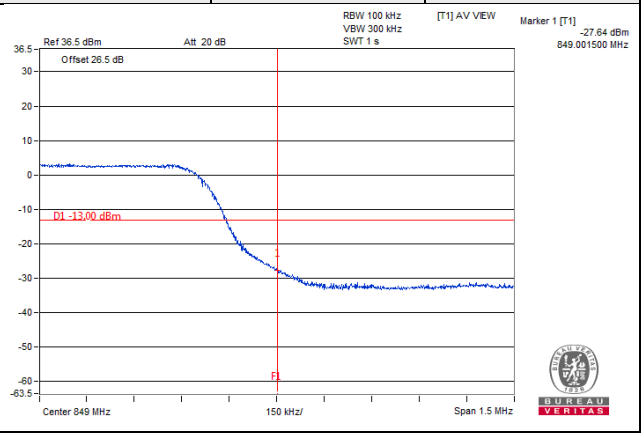


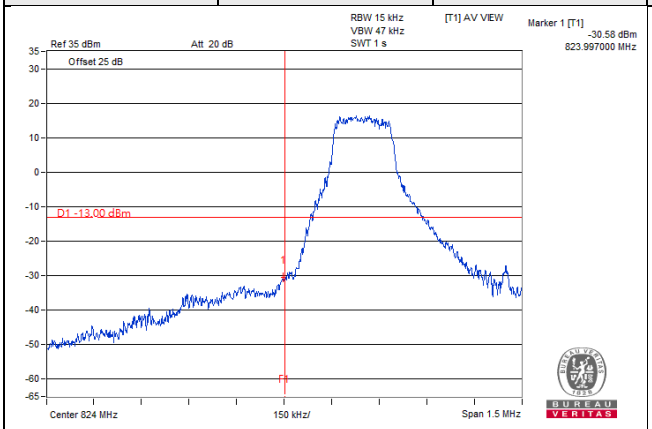
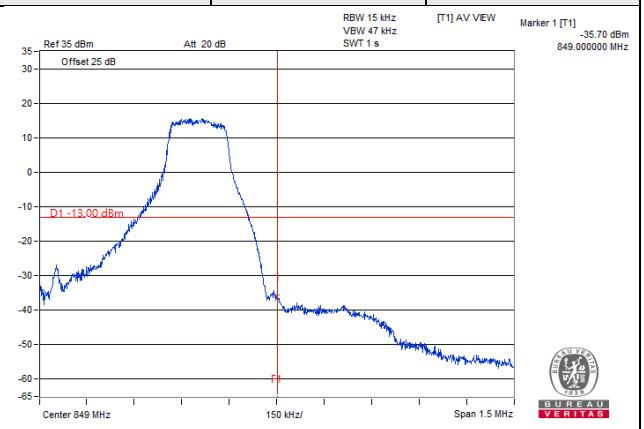
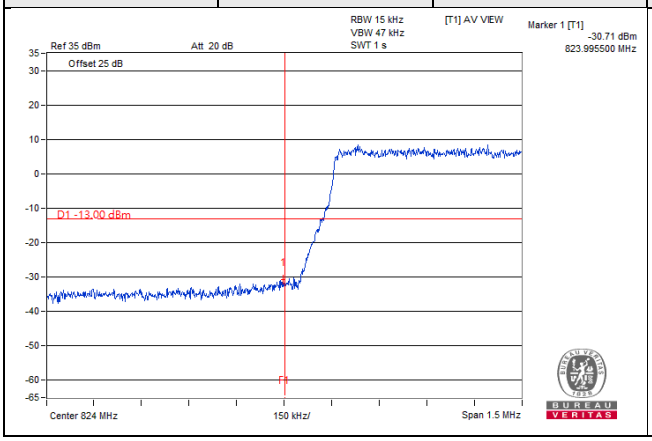
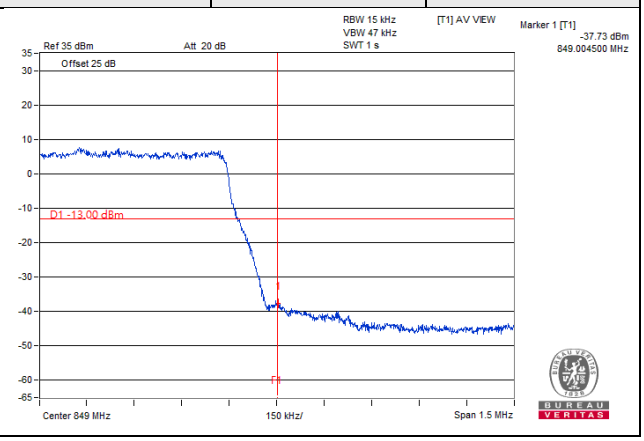


Channel	20450	50 RB	Channel	20600	50 RB





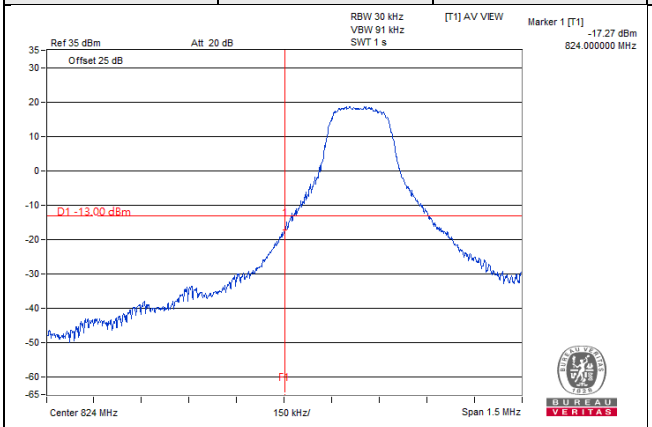
LTE CA_5C					
Channel Bandwidth 10+5MHz					
Channel	20450+20522	1 RB	Channel	20553+20625	1 RB
					
Channel Bandwidth 10+5MHz					
Channel	20450+20522	Full RB	Channel	20553+20625	Full RB
					

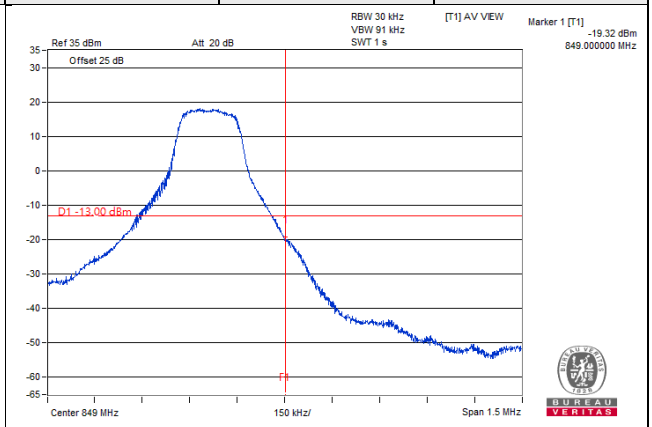
LTE Band 26					
Channel Bandwidth 1.4MHz					
Channel	26797	1 RB	Channel	27033	1 RB
					
Channel	26797	6 RB	Channel	27033	6 RB
					

LTE Band 26

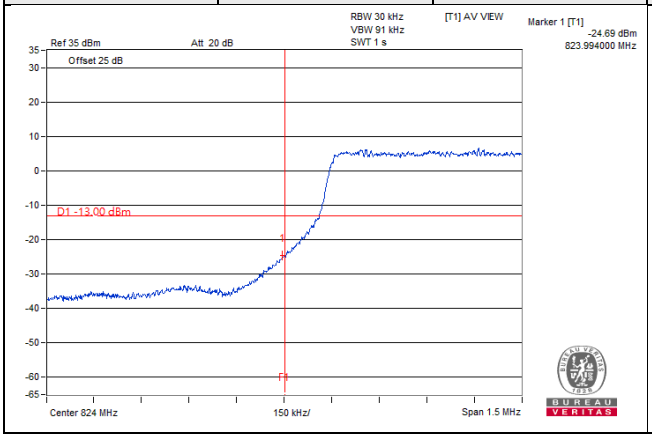
Channel Bandwidth 3MHz

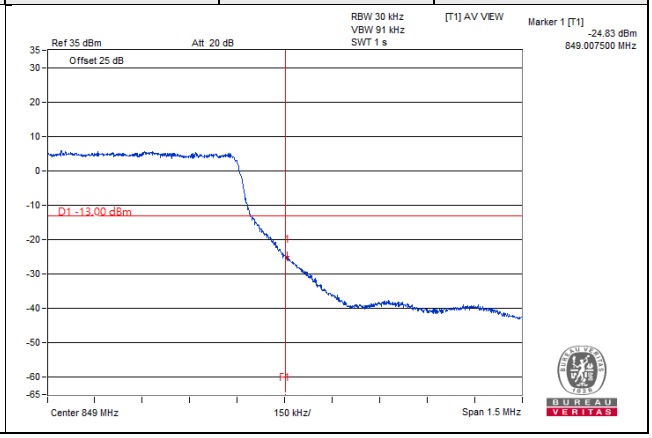
Channel	26805	1 RB	Channel	27025	1 RB





Channel	26805	15 RB	Channel	27025	15 RB

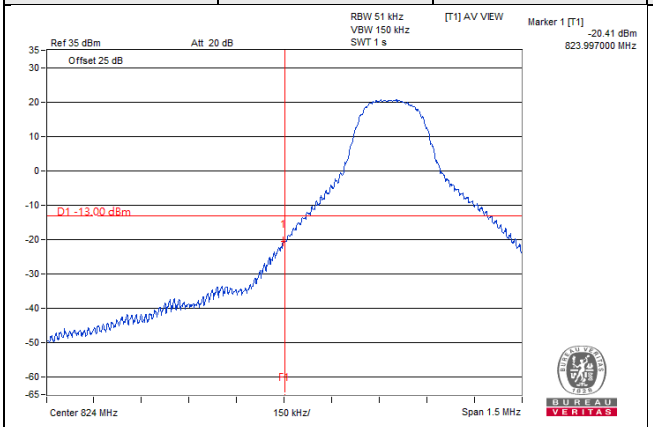


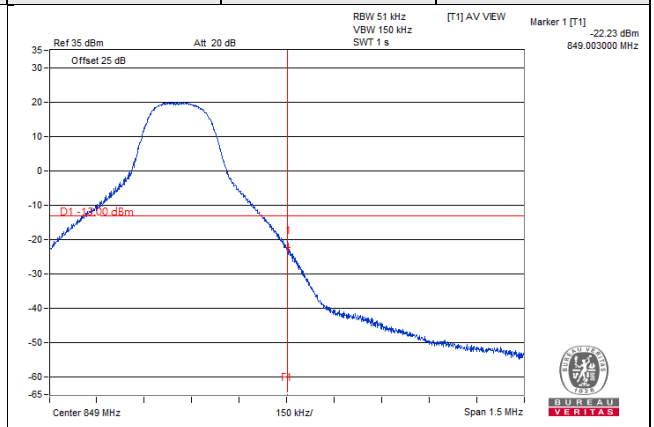


LTE Band 26

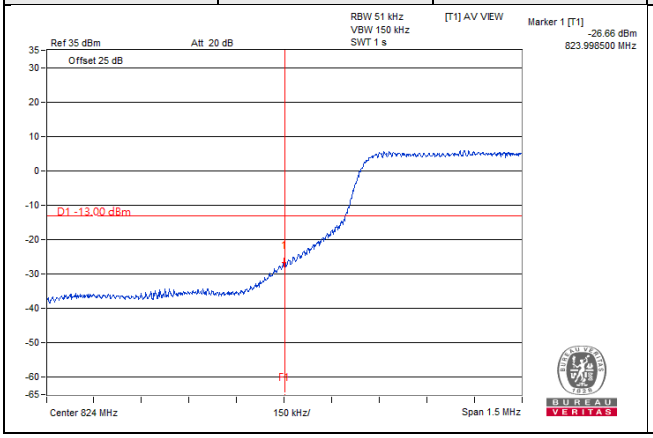
Channel Bandwidth 5MHz

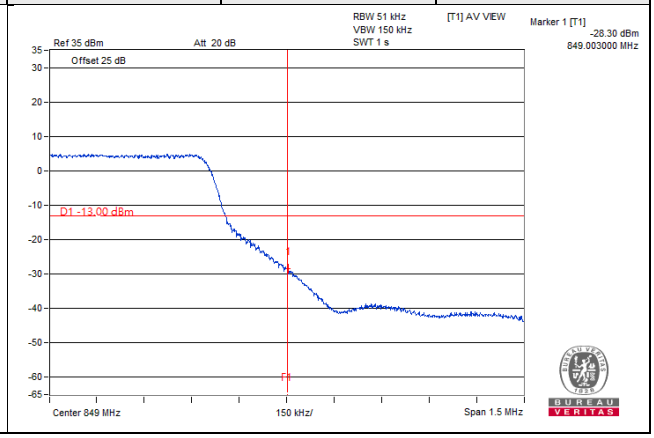
Channel	26815	1 RB	Channel	27015	1 RB





Channel	26815	25 RB	Channel	27015	25 RB

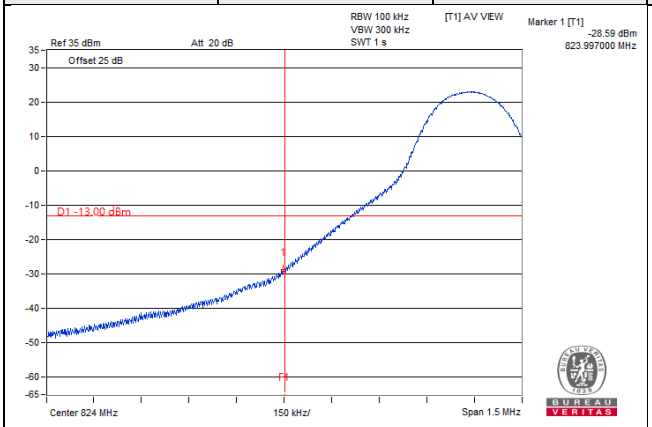


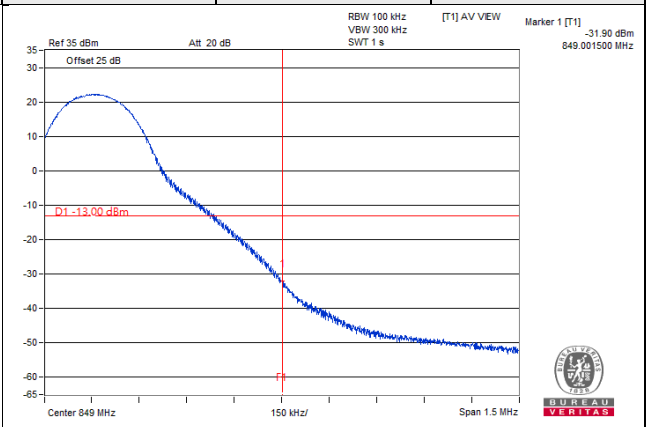


LTE Band 26

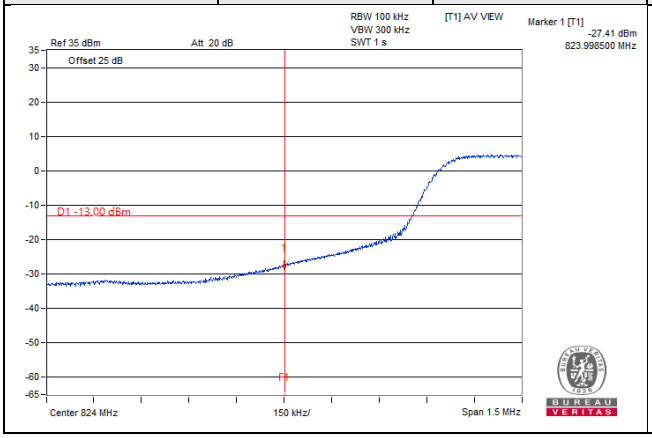
Channel Bandwidth 10MHz

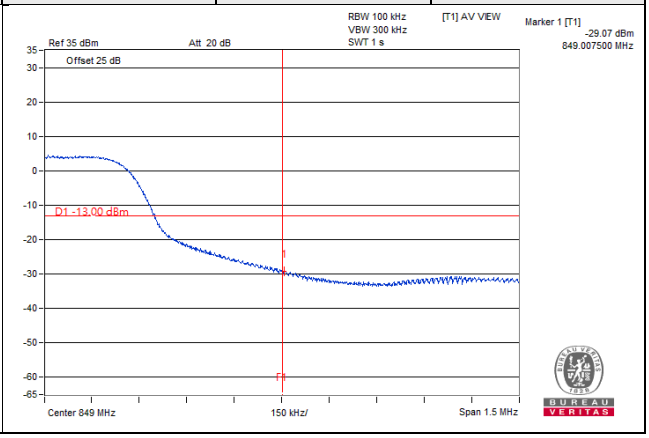
Channel	26840	1 RB	Channel	26990	1 RB

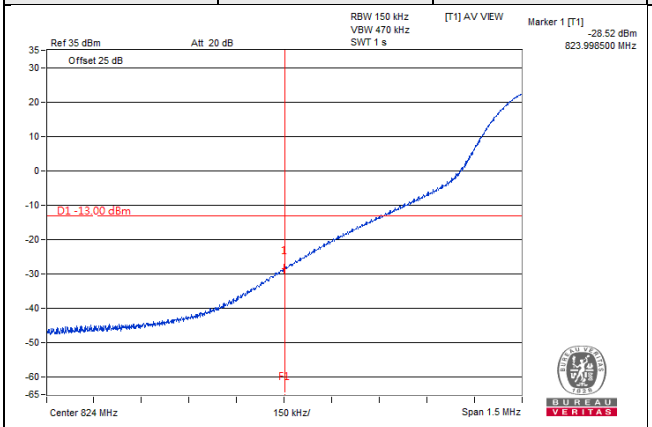
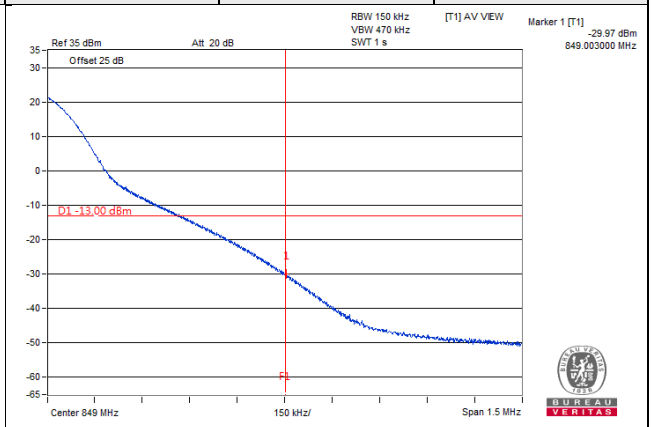
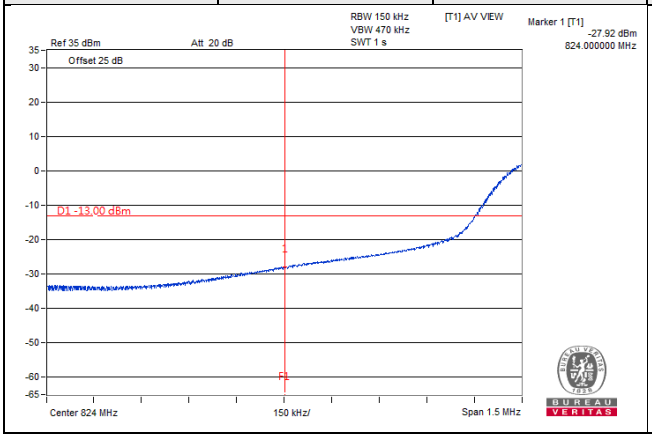
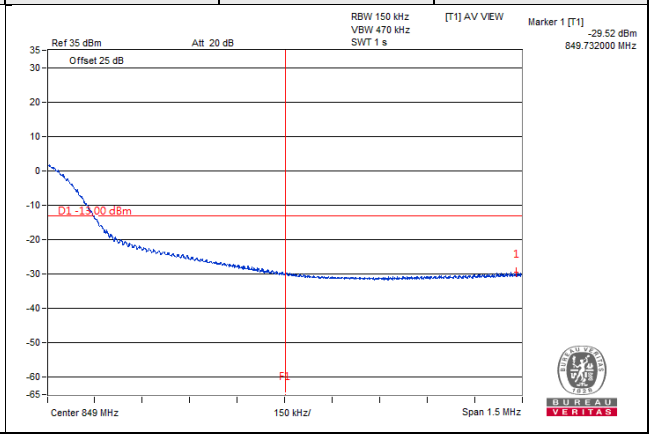




Channel	26840	50 RB	Channel	26990	50 RB





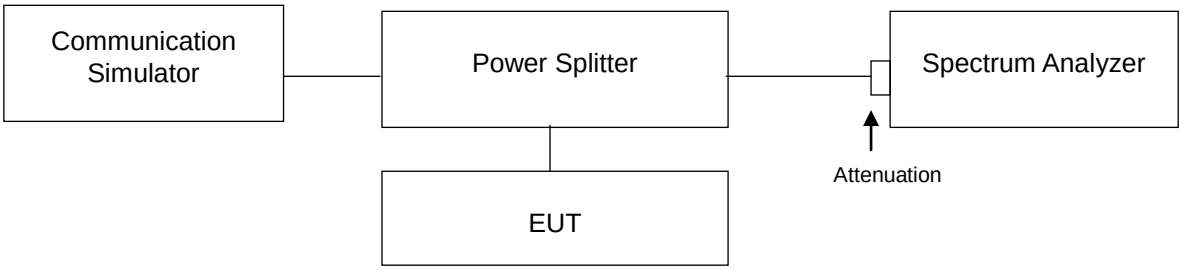
LTE Band 26					
Channel Bandwidth 15MHz					
Channel	26865	1 RB	Channel	26965	1 RB
					
Channel	26865	75 RB	Channel	26965	75 RB
					

4.6 Peak to Average Ratio

4.5.1 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

4.5.2 Test Setup



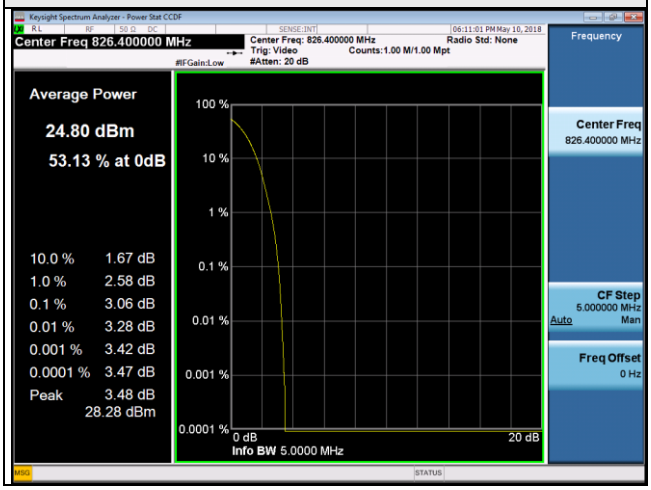
4.5.3 Test Procedures

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%.

4.5.4 Test Results

Channel	Freq. (MHz)	Peak to Average Ratio (dB)
		WCDMA
4132	826.4	3.06
4183	836.4	3.06
4233	846.6	3.04

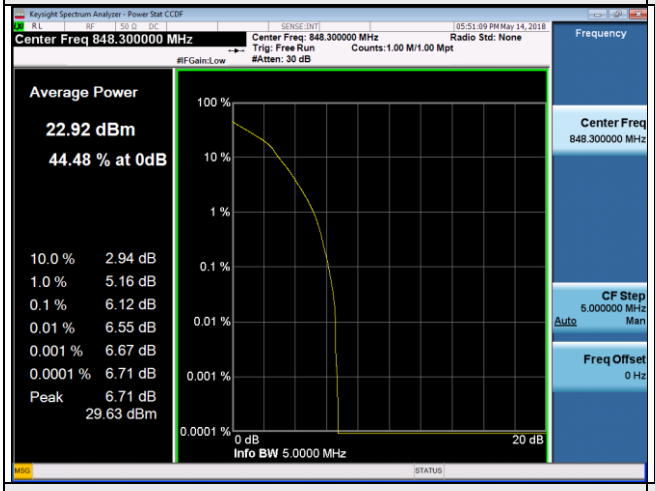
Spectrum Plot of Worst Value
WCDMA



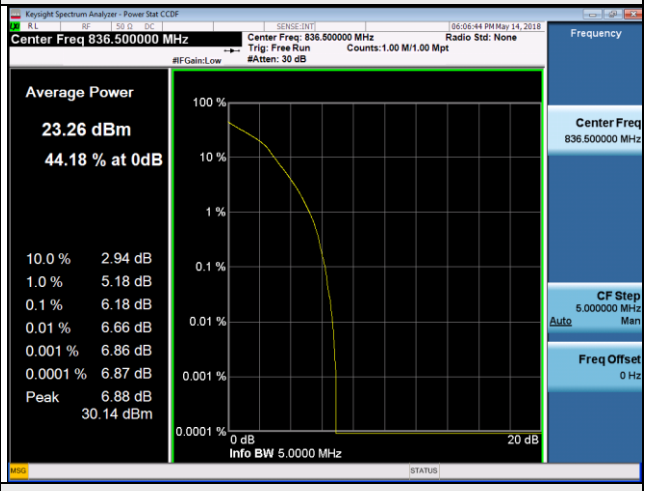
LTE Band 5									
Channel Bandwidth 1.4MHz					Channel Bandwidth 3MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
20407	824.7	4.95	6.11	6.10	20415	825.5	4.8	6.12	6.03
20525	836.5	4.94	6.10	6.09	20525	836.5	4.77	6.18	6.07
20643	848.3	4.93	6.12	6.06	20635	847.5	4.75	6.15	6.05
Channel Bandwidth 5MHz					Channel Bandwidth 10MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
20425	826.5	4.88	6.04	5.97	20450	829	4.85	6.03	6.01
20525	836.5	4.9	5.99	6.05	20525	836.5	4.91	6.08	6.04
20625	846.5	4.84	6.04	6.00	20600	844	4.87	6.02	6.04

Spectrum Plot of Worst Value

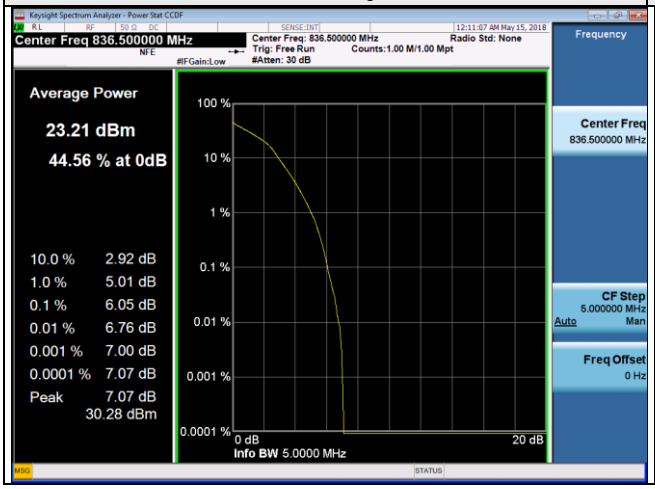
1.4MHz / 16QAM



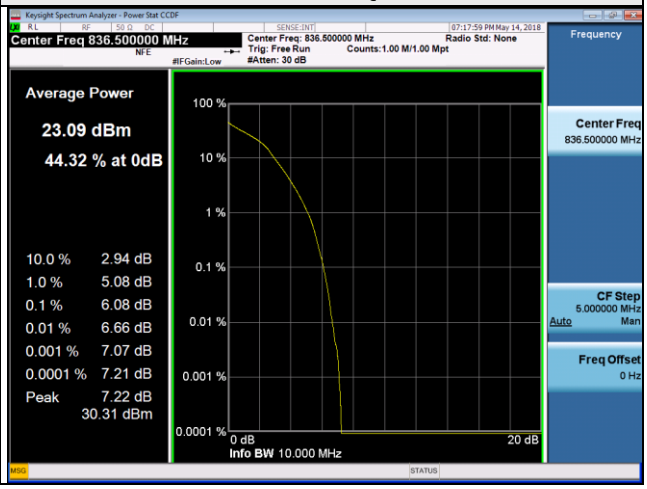
3MHz / 16QAM



5MHz / 64QAM



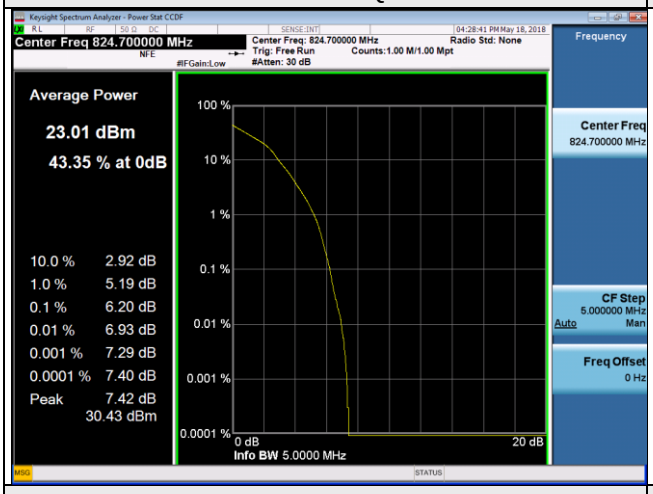
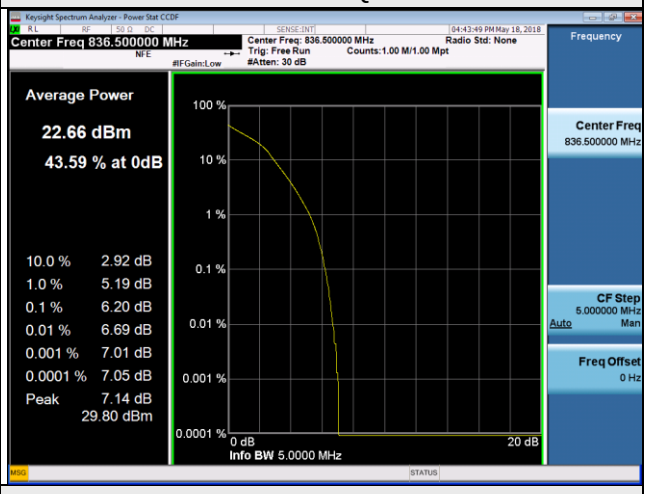
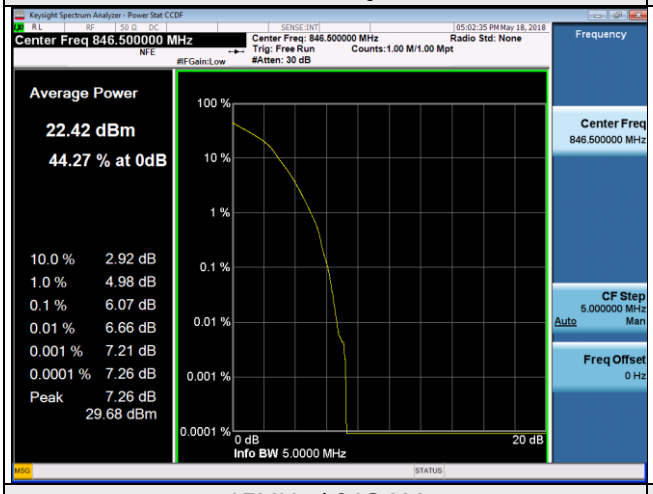
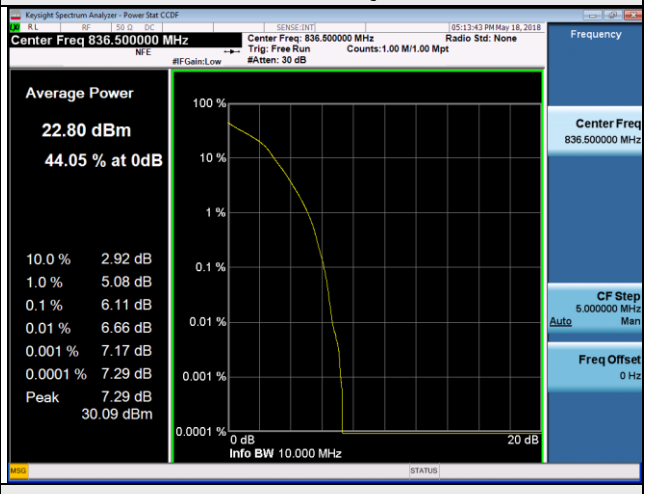
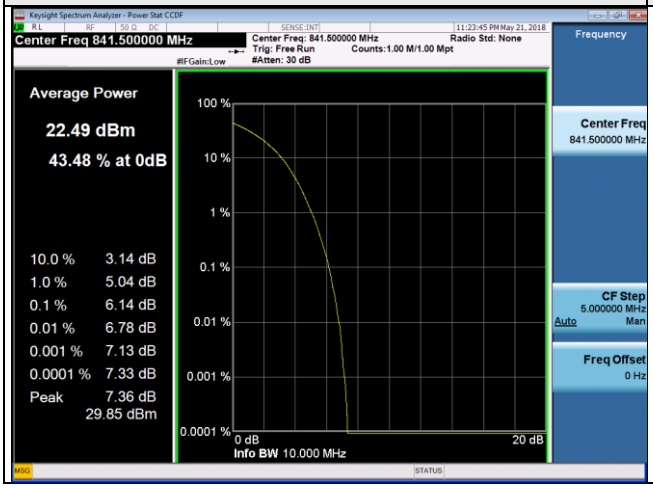
10MHz / 16QAM



LTE CA_5C				
Channel	Freq. (MHz)	Peak to Average Ratio (dB)		
		Peak Level	Average Level	Ratio (dB)
20500+20572	834+841.2	14.82	4.78	10.04

Spectrum Plot of Worst Value

LTE Band 26									
Channel Bandwidth 1.4MHz					Channel Bandwidth 3MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
26797	824.7	4.99	6.20	6.17	26805	825.5	4.8	6.16	6.10
26915	836.5	4.95	6.16	6.15	26915	836.5	4.79	6.20	6.09
27033	848.3	4.94	6.13	6.13	27025	847.5	4.78	6.15	6.15
Channel Bandwidth 5MHz					Channel Bandwidth 10MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
26815	826.5	4.91	6.02	6.02	26840	829	4.92	6.08	6.08
26915	836.5	4.93	6.04	6.03	26915	836.5	4.94	6.09	6.11
27015	846.5	4.91	6.05	6.07	26990	844	4.93	6.09	6.05
Channel Bandwidth 15MHz									
Channel	Frequency (MHz)	QPSK							
		QPSK	16QAM	64QAM					
26865	831.5	4.88	6.11	6.11					
26915	836.5	4.91	6.11	6.11					
26965	841.5	4.89	6.12	6.14					

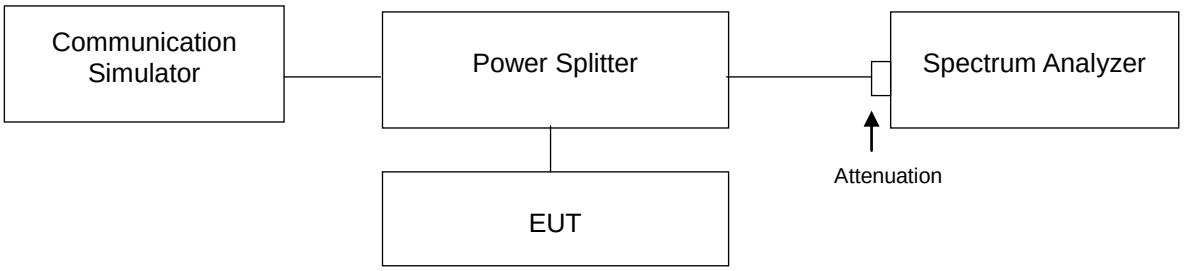
Spectrum Plot of Worst Value	
1.4MHz / 16QAM	3MHz / 16QAM
	
5MHz / 64QAM	10MHz / 64QAM
	
15MHz / 64QAM	
	

4.7 Conducted Spurious Emissions

4.7.1 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.

4.7.2 Test Setup

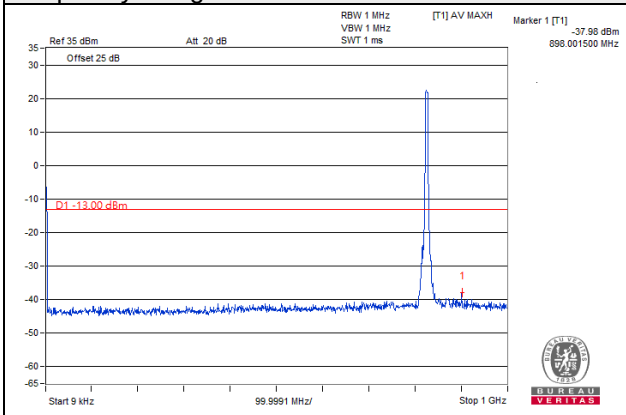
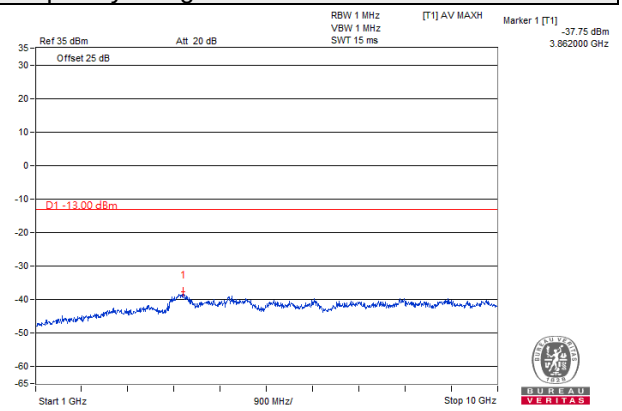
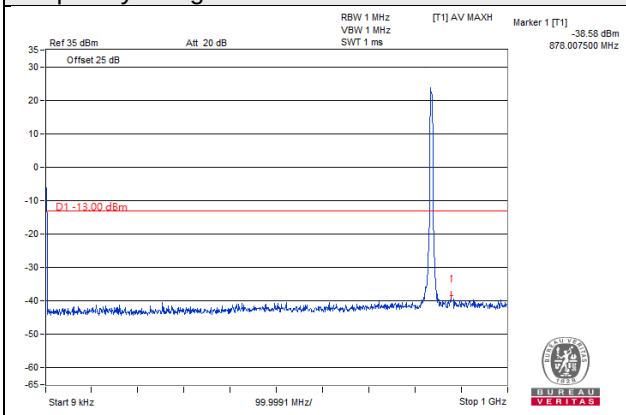
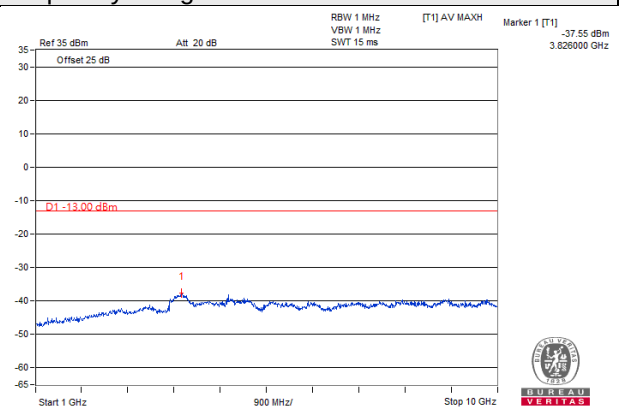
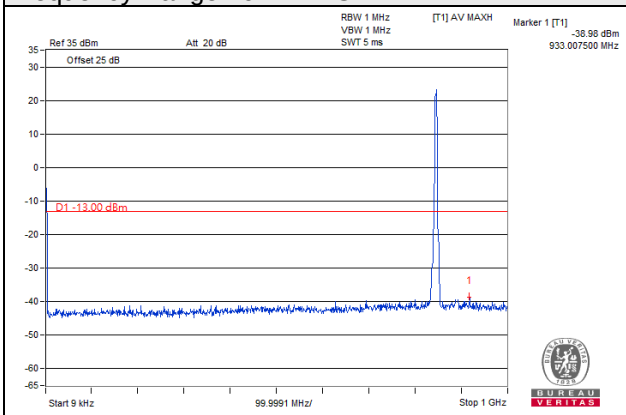
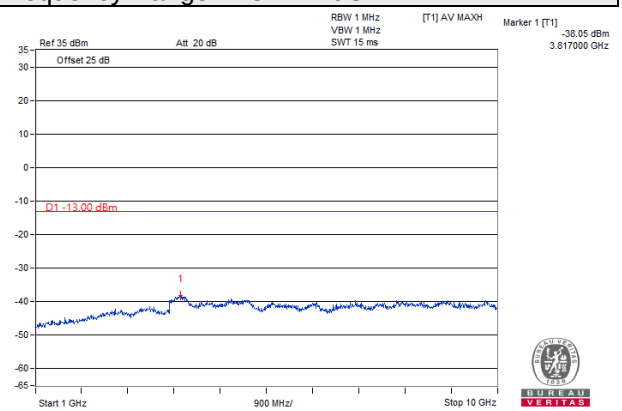


4.7.3 Test Procedure

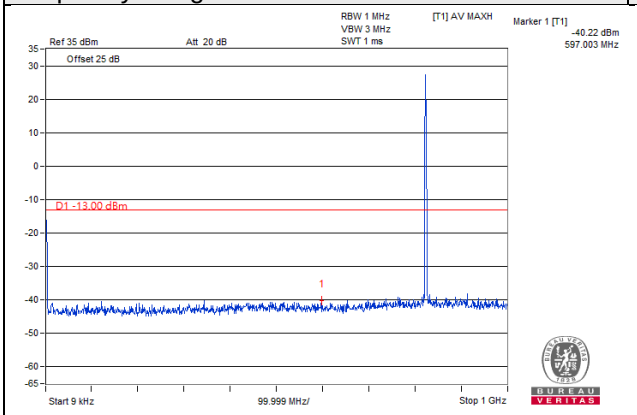
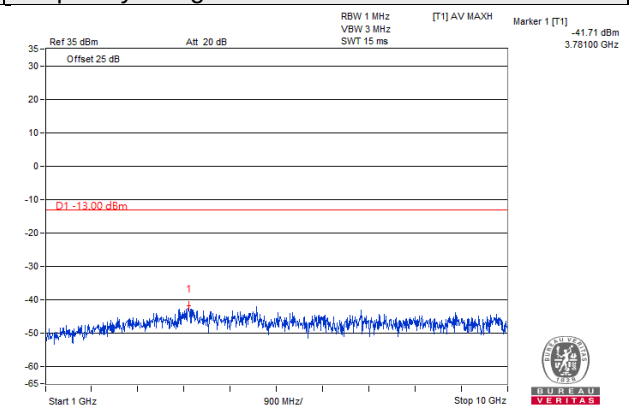
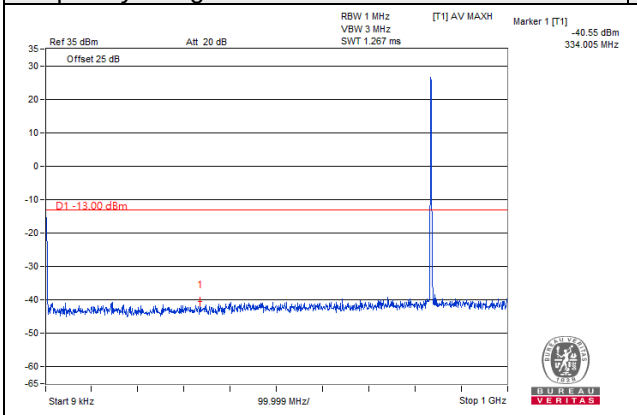
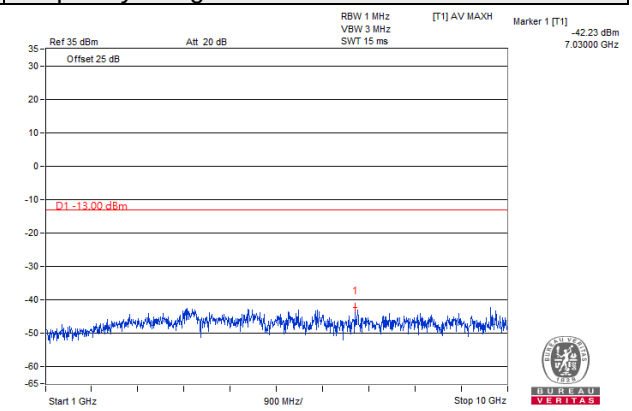
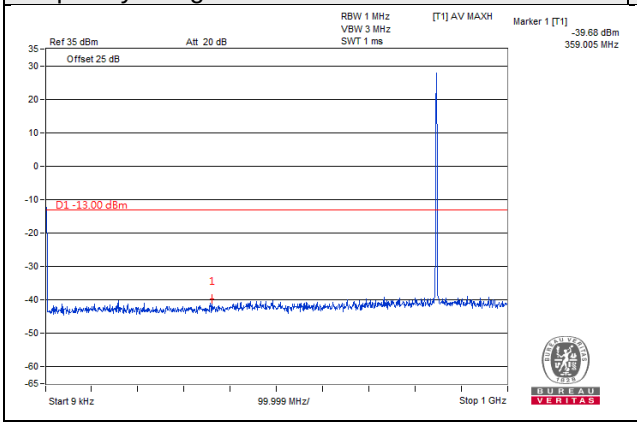
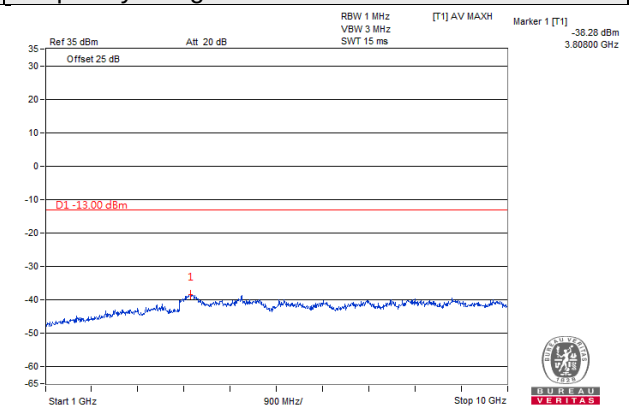
a. All measurements were done at 3 channels: low, middle and high operational frequency range.

b. When the spectrum scanned from 9 kHz to the tenth harmonic of the highest fundamental frequency, it shall be connected to the 20dB pad attenuated the carried frequency.

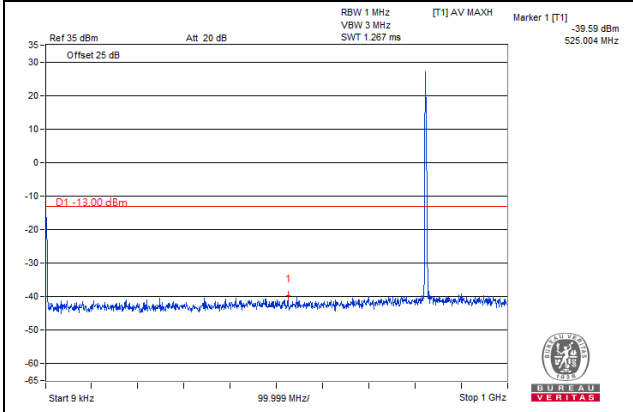
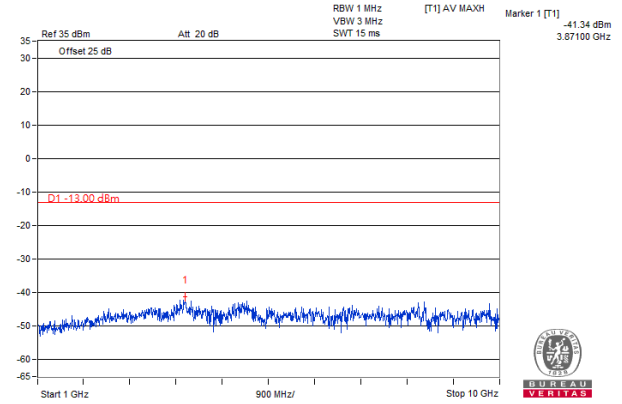
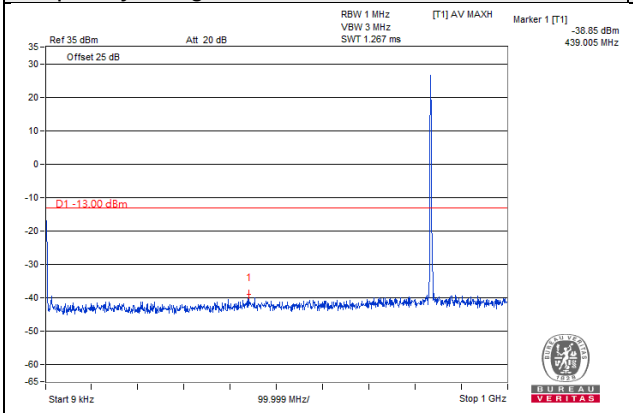
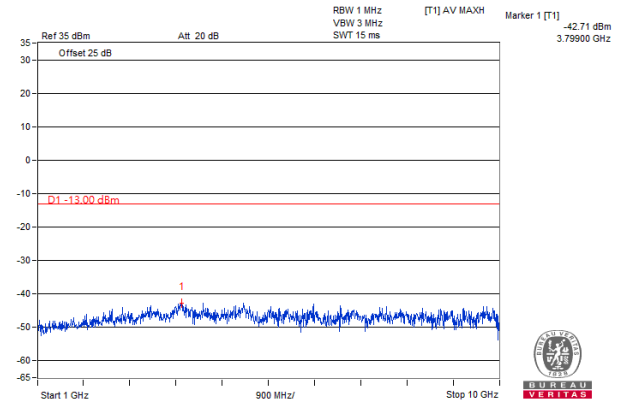
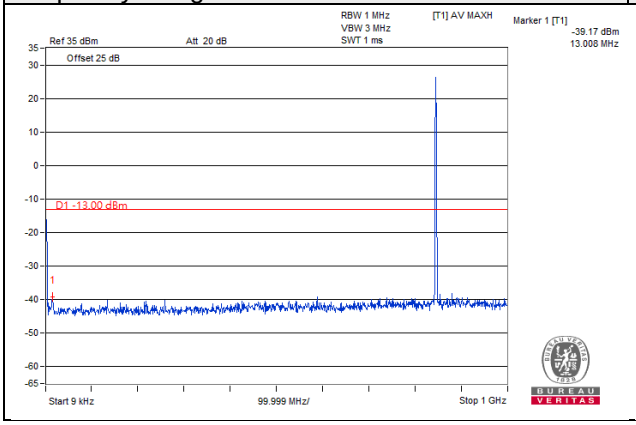
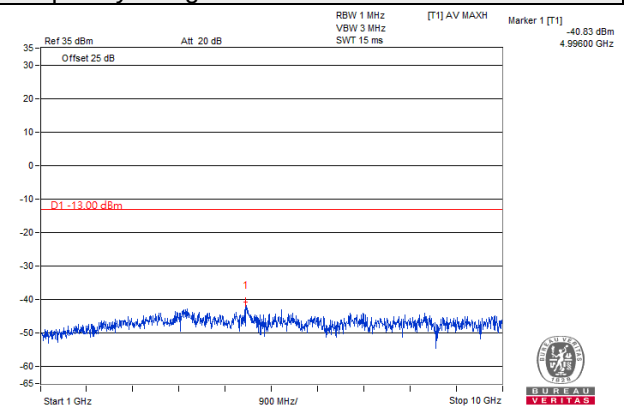
4.7.4 Test Results

WCDMA	
Channel 4132	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 4182	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 4233	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	

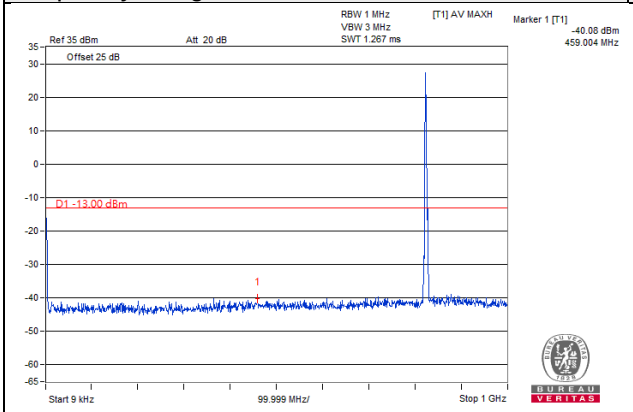
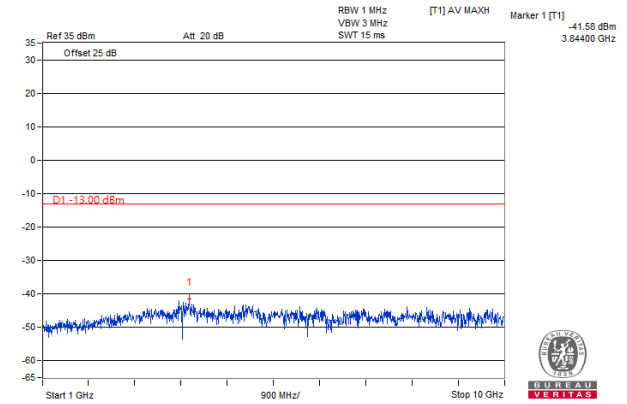
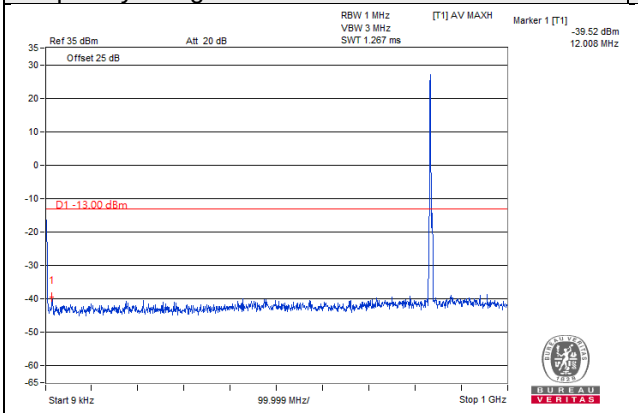
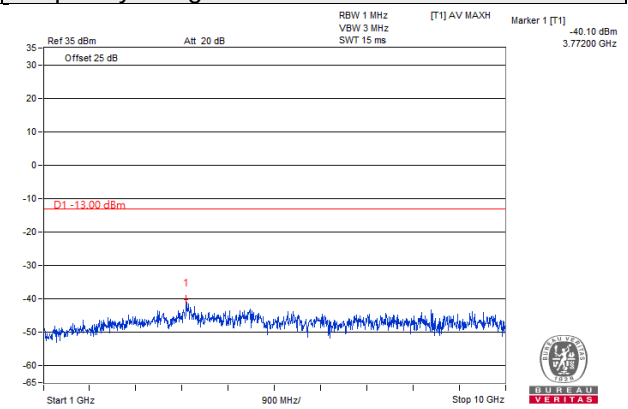
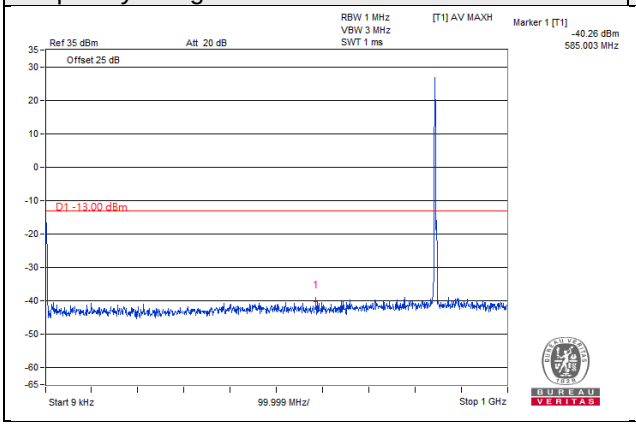
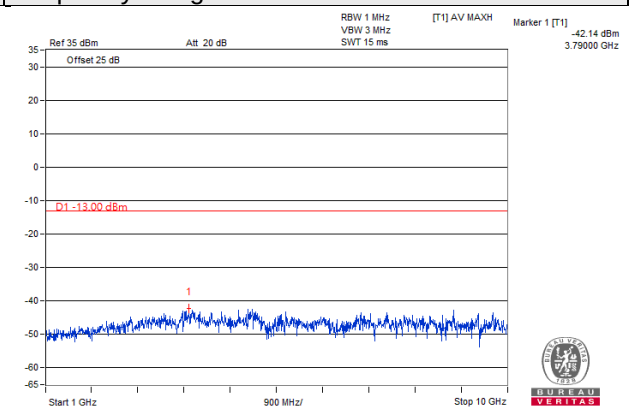
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 5 Channel Band width: 1.4MHz	
Channel 20407	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 20525	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 20643	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	

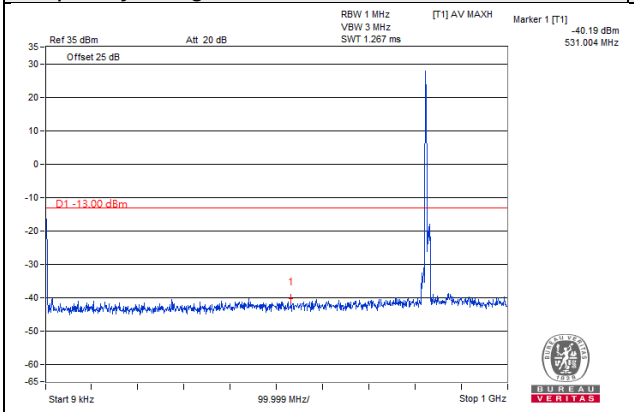
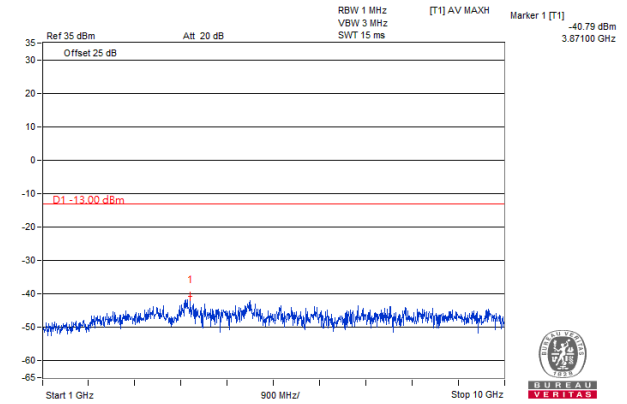
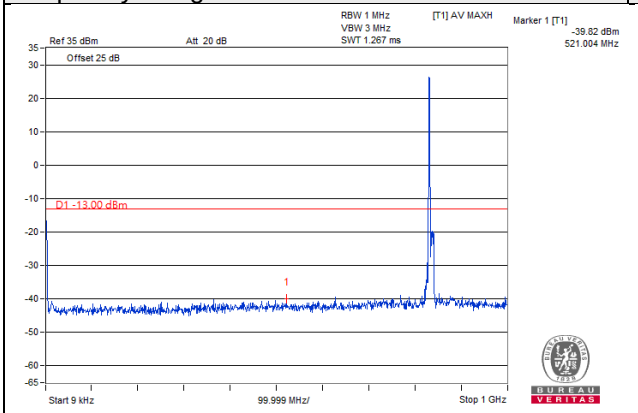
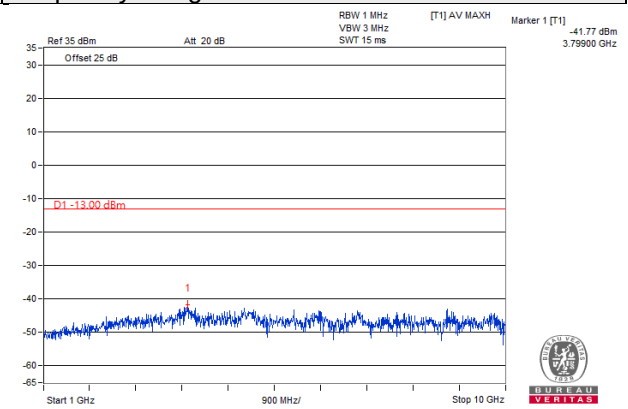
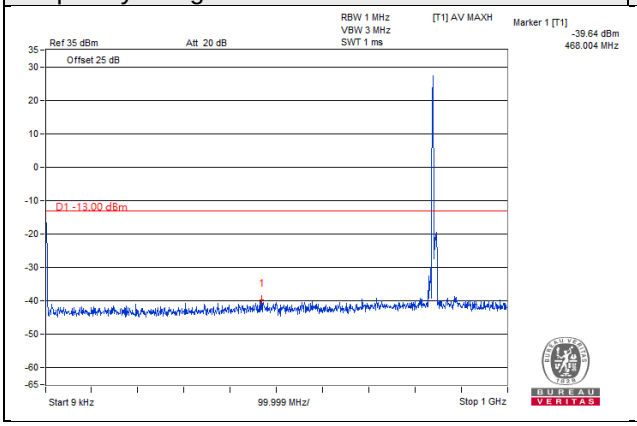
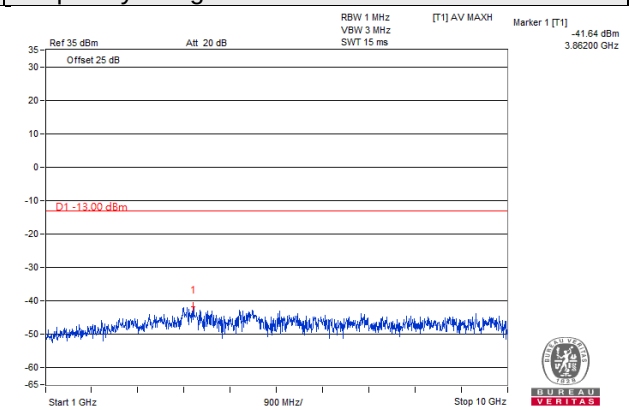
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 5 Channel Band width: 3MHz	
Channel 20415	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 20525	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 20635	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	

Note: The signal of 9kHz is IF signal from test instrument.

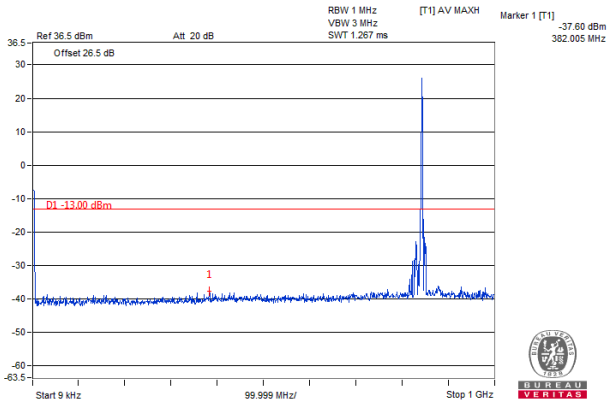
LTE Band 5 Channel Band width: 5MHz	
Channel 20425	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 20525	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 20625	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	

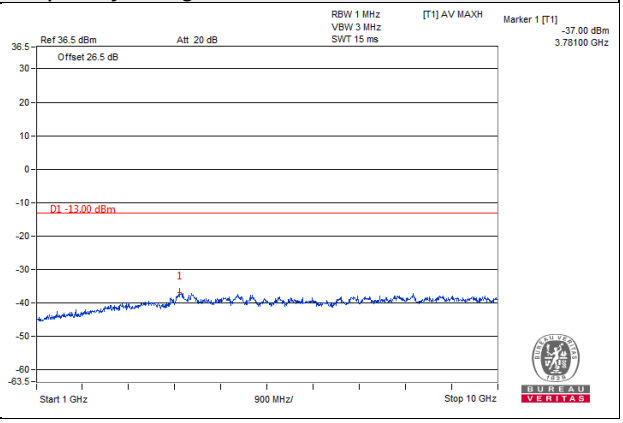
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 5 Channel Band width: 10MHz	
Channel 20450	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 20525	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 20600	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	

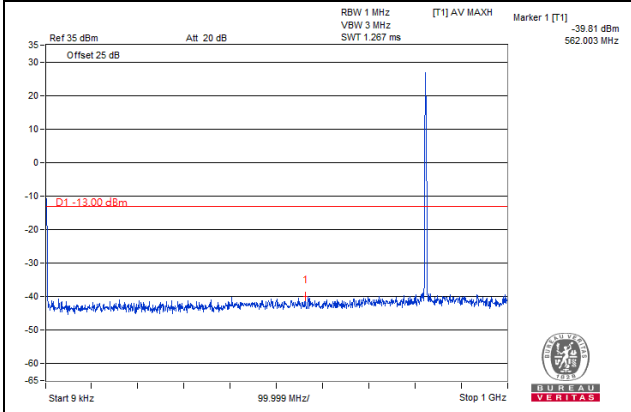
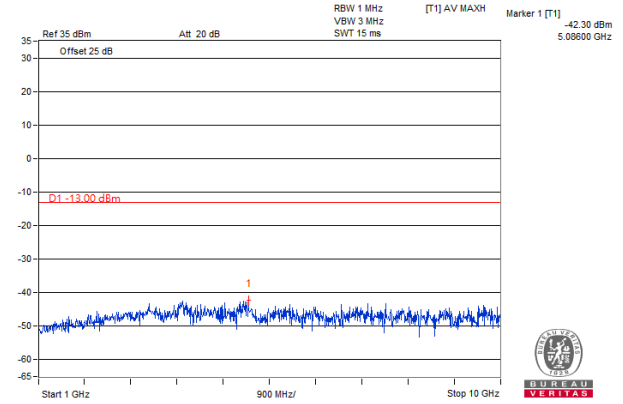
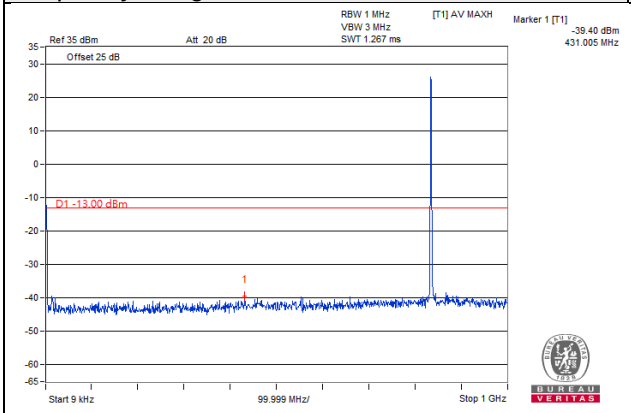
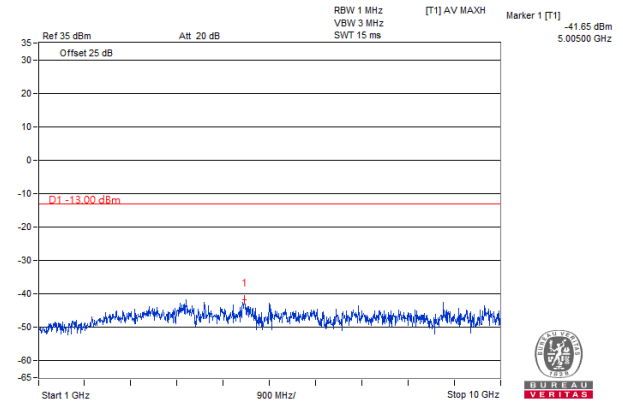
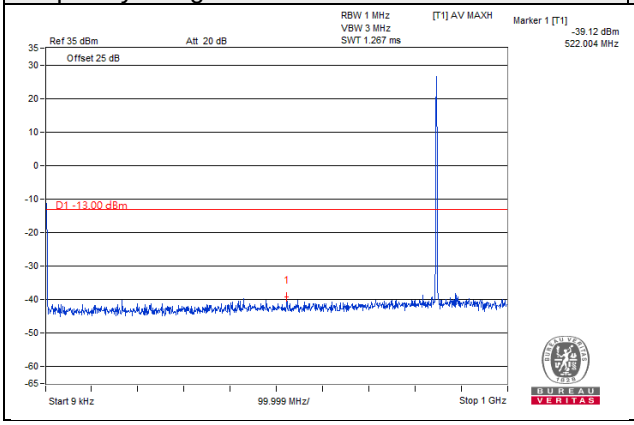
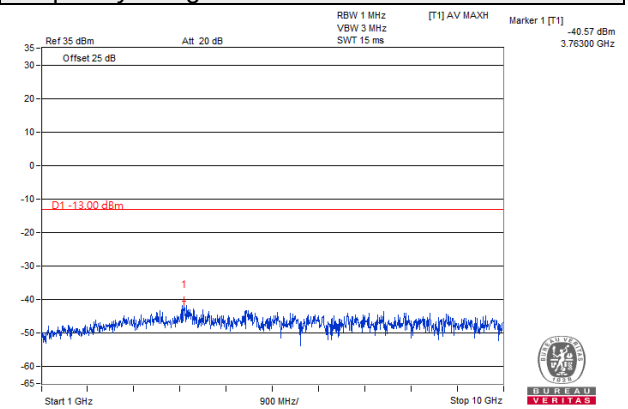
Note: The signal of 9kHz is IF signal from test instrument.

LTE CA_5C Channel Band width: 10+5MHz	
Channel 20500+20572	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz

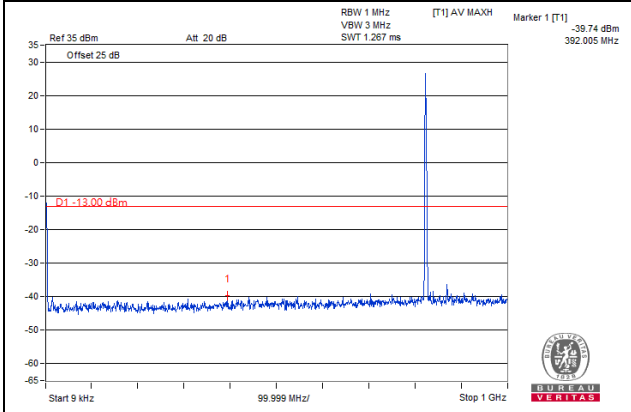
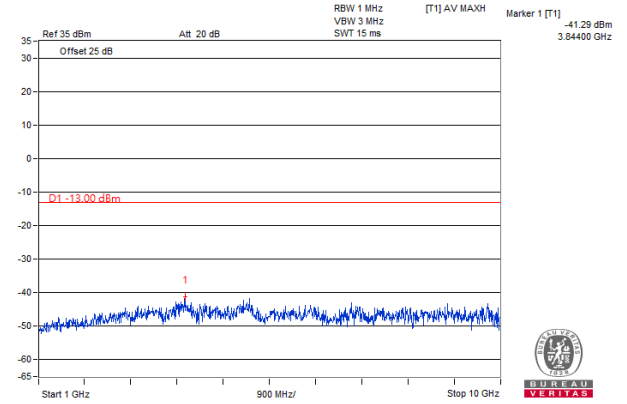
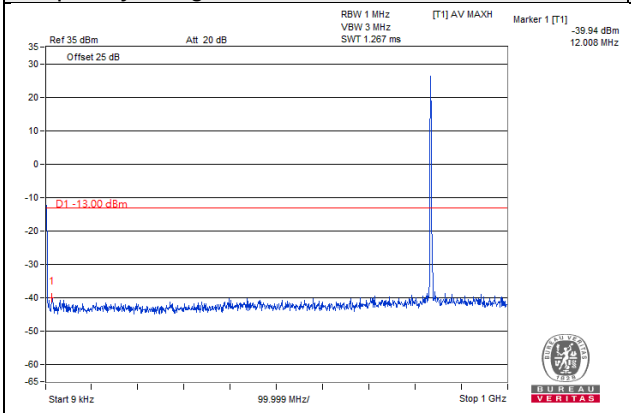
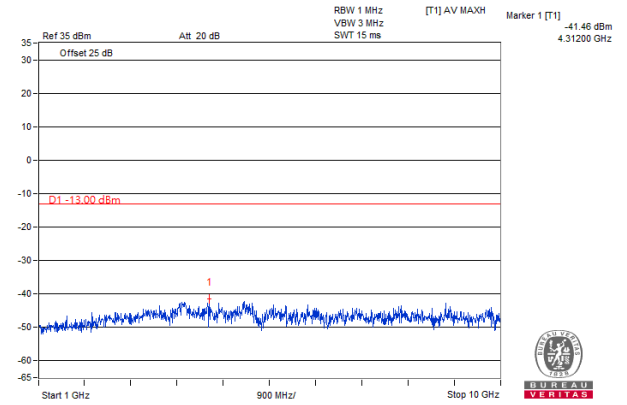
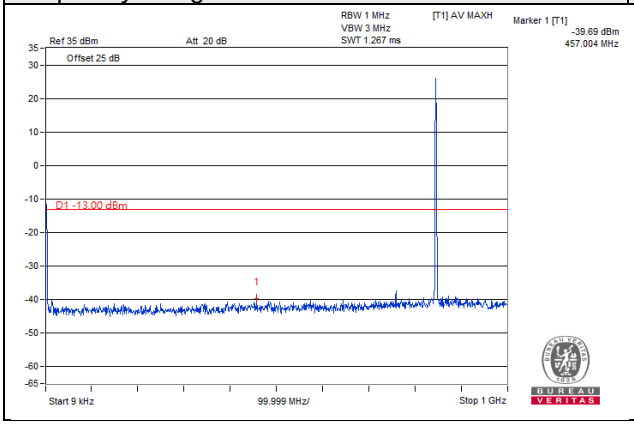
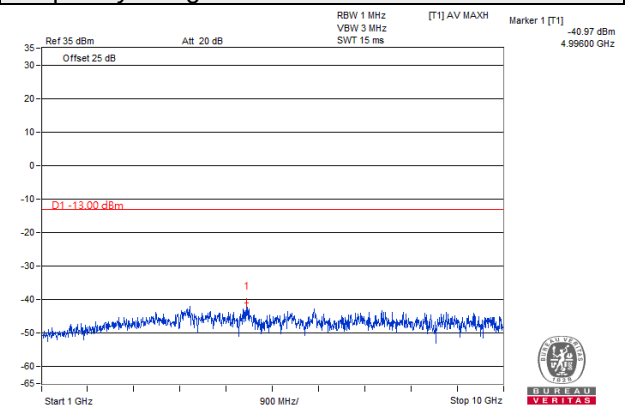




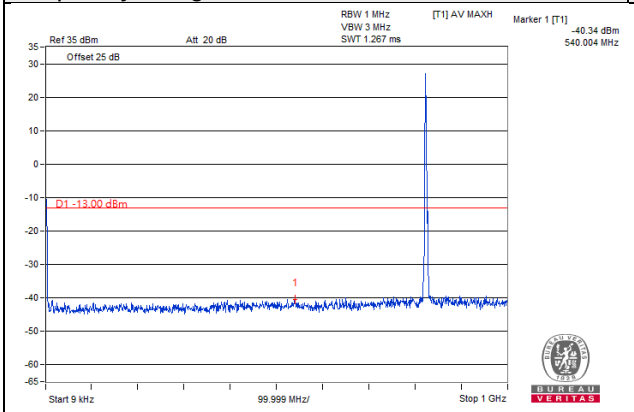
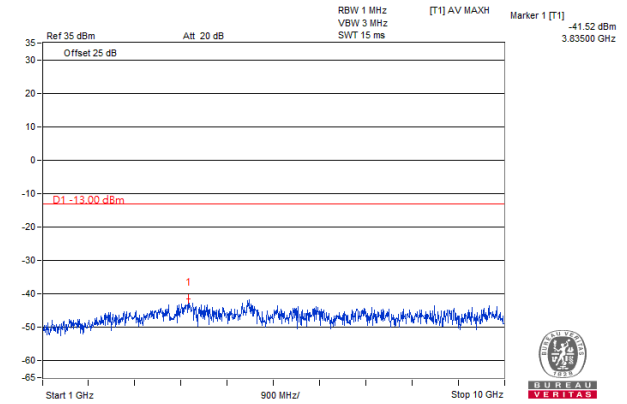
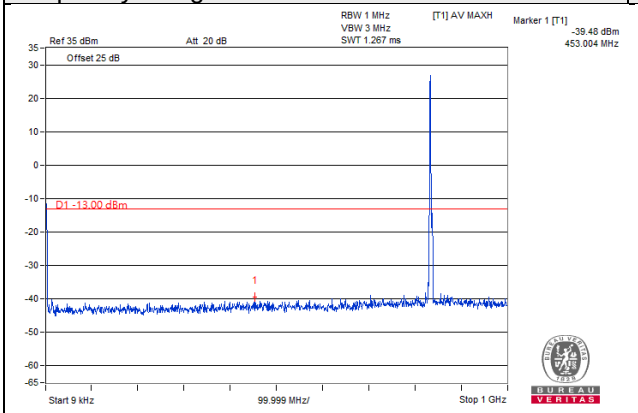
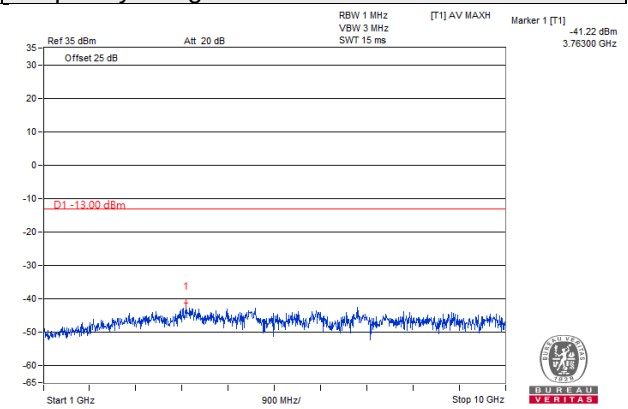
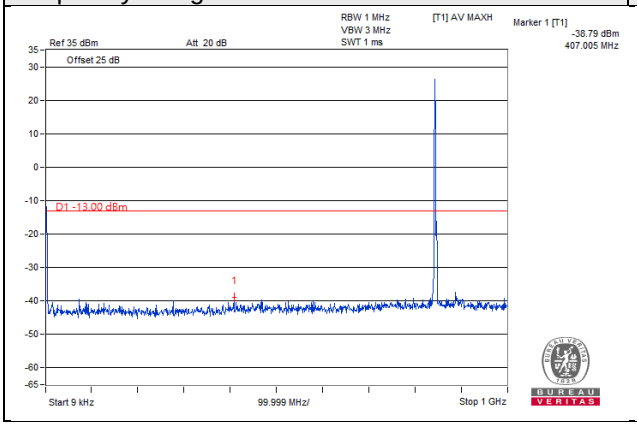
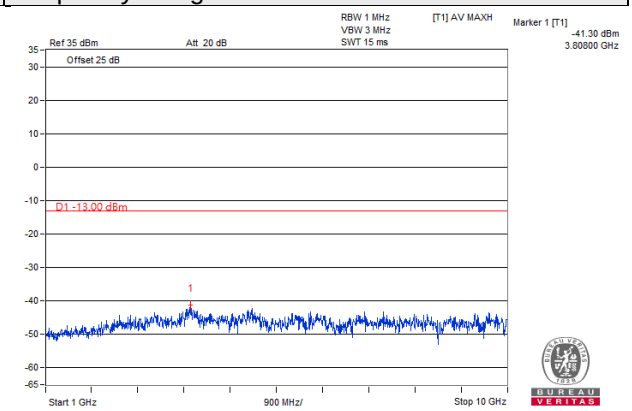
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 26 Channel Band width: 1.4MHz	
Channel 26797	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 26915	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 27033	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	

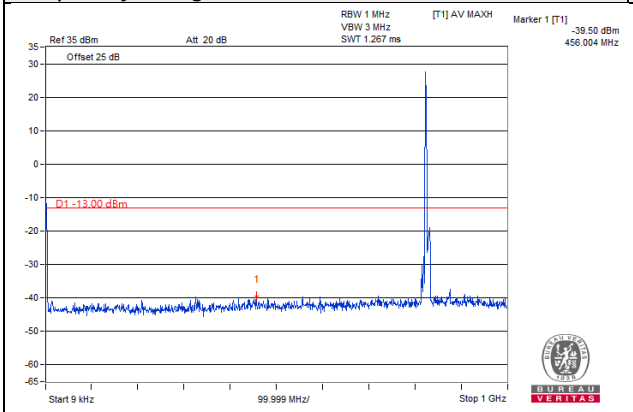
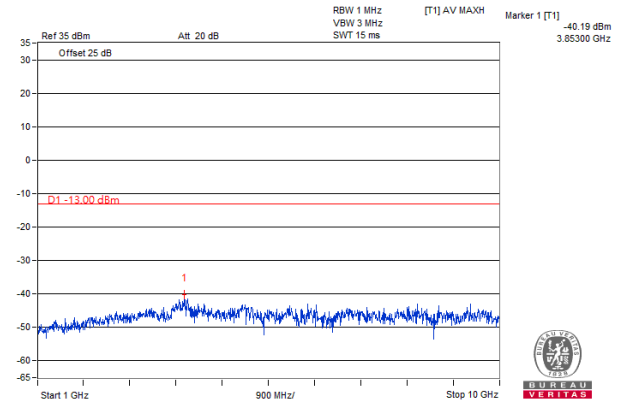
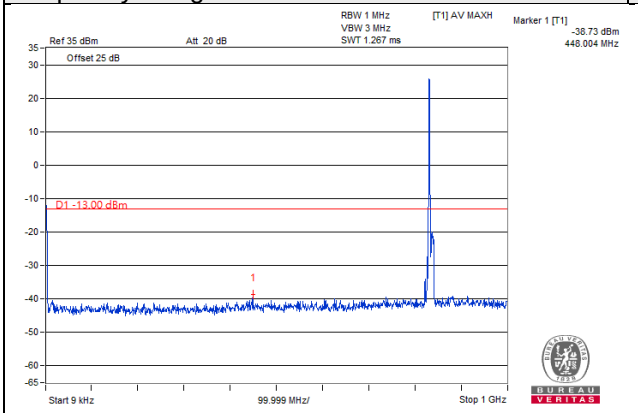
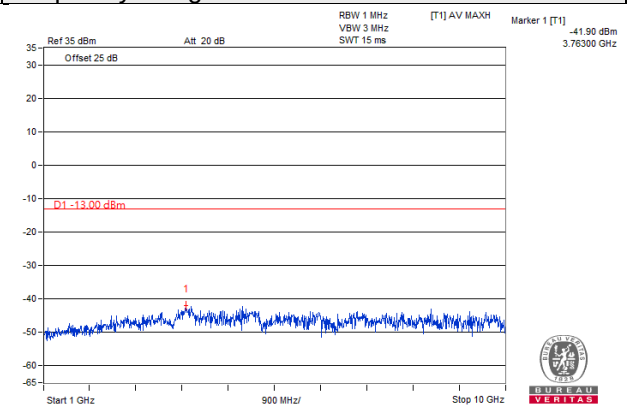
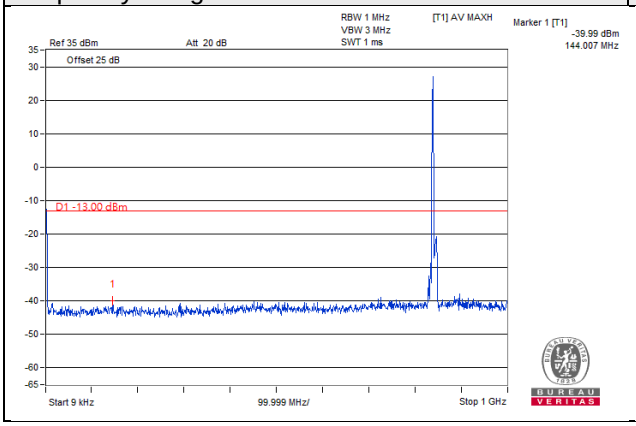
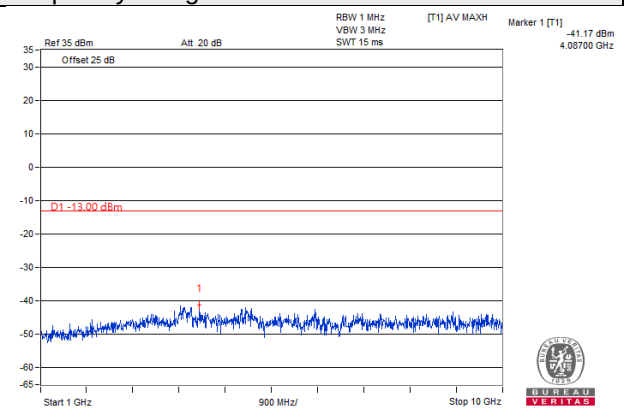
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 26 Channel Band width: 3MHz	
Channel 26805	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 26915	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 27025	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	

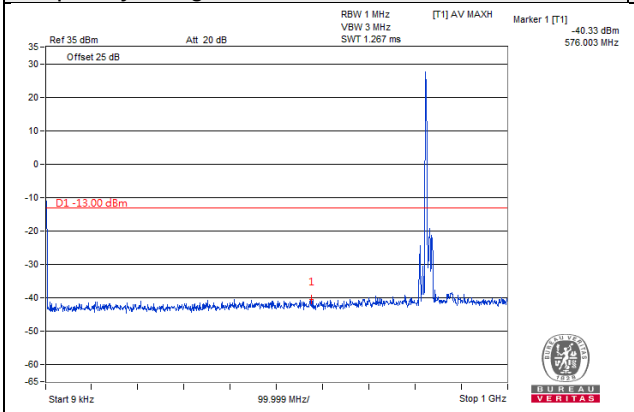
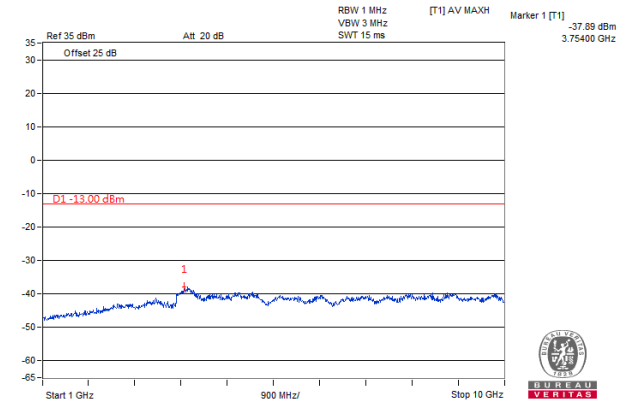
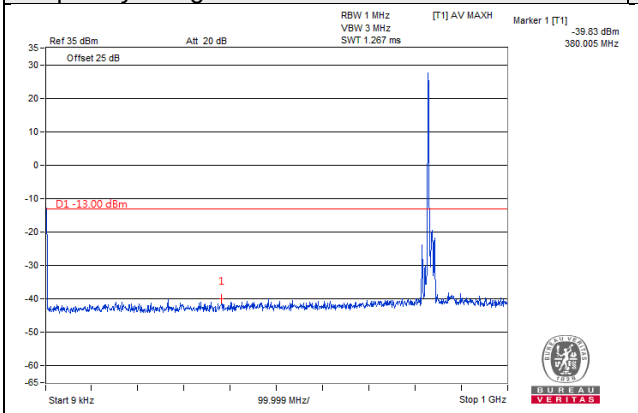
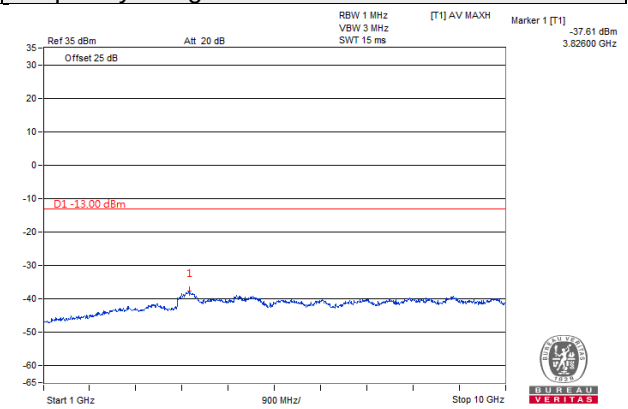
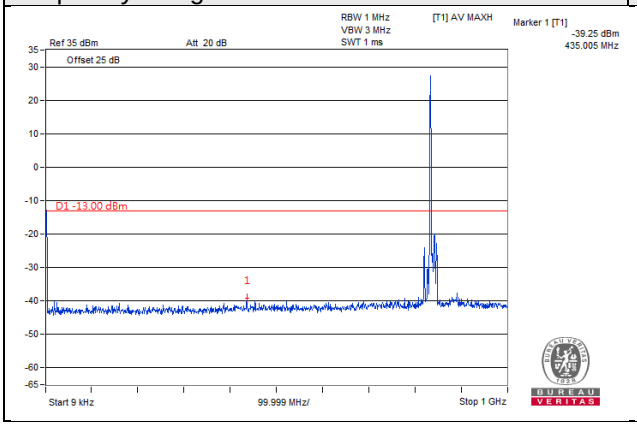
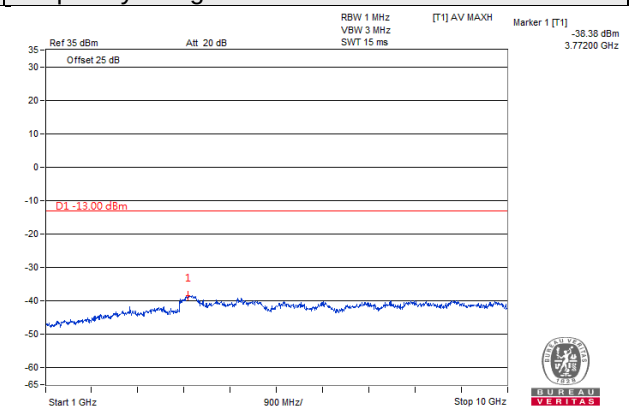
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 26 Channel Band width: 5MHz	
Channel 26815	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 26915	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 27015	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	

Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 26 Channel Band width: 10MHz	
Channel 26840	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 26915	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 26990	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	

Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 26 Channel Band width: 15MHz	
Channel 26865	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 26915	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	
Channel 26965	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~10GHz
	

Note: The signal of 9kHz is IF signal from test instrument.

4.8 Radiated Emission Measurement

4.8.1 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.

4.8.2 Test Procedure

a. The power was measured with Spectrum Analyzer.

b. Substitution method is used for EIRP measurement. In the semi-anechoic chamber, EUT placed on the 0.8m/1.5m 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.

c. The substitution 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 b. Record the power level of S.G

d. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution antenna.

e. ERP power can be calculated form EIRP power by subtracting the gain of dipole, ERP power = EIRP power - 2.15dBi.

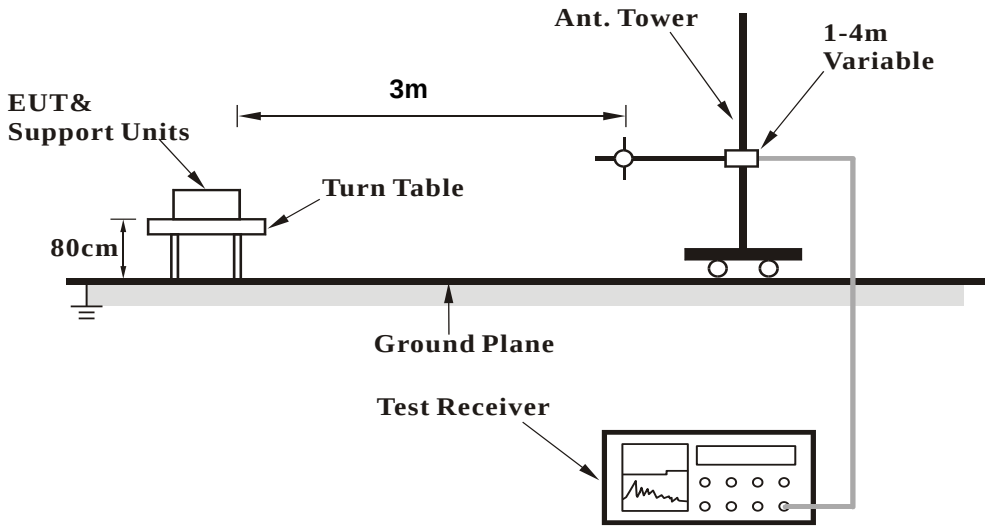
NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.8.3 Deviation from Test Standard

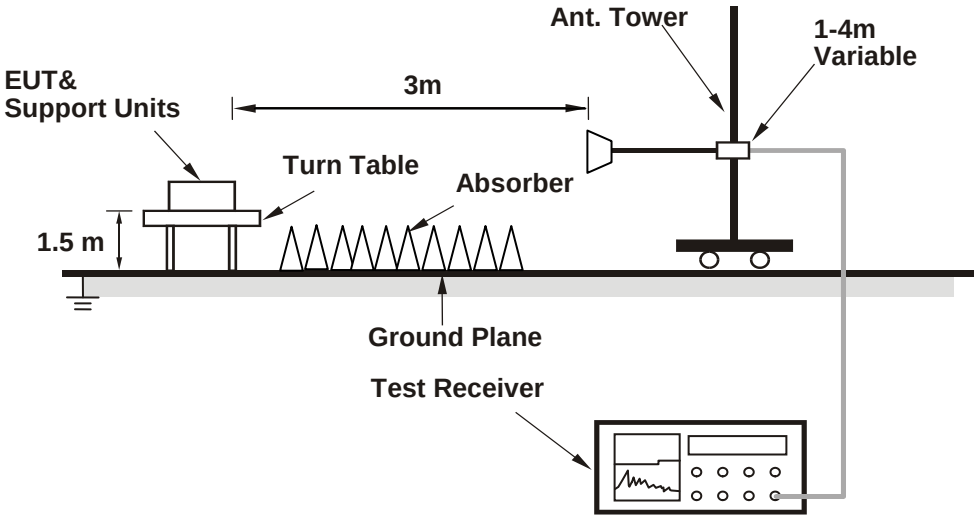
No deviation.

4.8.4 Test Setup

For Below 1GHz



For Above 1GHz:



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

4.8.5 Test Results

BELOW 1GHz

WCDMA:

Mode	TX channel 4132	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.04	34.28	-53.65	-0.84	-54.49	-13	-41.49
2	241.46	30.45	-64.85	3.83	-61.02	-13	-48.02
3	336.52	31.42	-66.46	3.67	-62.79	-13	-49.79
4	432.55	28.43	-70.78	2.78	-68.00	-13	-55.00
5	526.64	31.19	-63.88	2.86	-61.02	-13	-48.02
6	803.09	32.60	-65.87	1.52	-64.35	-13	-51.35
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	132.28	31.51	-64.64	-1.55	-66.19	-13	-53.19
2	259.64	30.59	-63.98	3.98	-60.00	-13	-47.00
3	304.82	29.84	-66.14	3.70	-62.44	-13	-49.44
4	411.52	32.16	-65.78	3.21	-62.57	-13	-49.57
5	671.18	29.89	-65.67	1.69	-63.98	-13	-50.98
6	739.19	30.11	-65.76	0.66	-65.10	-13	-52.10

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 4182	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	158.64	34.12	-53.81	-0.84	-54.65	-13	-41.65
2	240.86	30.04	-65.26	3.83	-61.43	-13	-48.43
3	337.07	30.20	-67.68	3.67	-64.01	-13	-51.01
4	433.1	27.73	-71.48	2.78	-68.70	-13	-55.70
5	526.28	30.43	-64.64	2.86	-61.78	-13	-48.78
6	802.92	31.20	-67.27	1.52	-65.75	-13	-52.75
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.78	31.33	-64.82	-1.55	-66.37	-13	-53.37
2	260.17	30.29	-64.28	3.98	-60.30	-13	-47.30
3	303.91	29.01	-66.97	3.70	-63.27	-13	-50.27
4	411.61	31.01	-66.93	3.21	-63.72	-13	-50.72
5	671.13	29.15	-66.41	1.69	-64.72	-13	-51.72
6	740.02	28.66	-67.21	0.66	-66.55	-13	-53.55

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 4233	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	158.08	34.03	-53.90	-0.84	-54.74	-13	-41.74
2	241.22	29.21	-66.09	3.83	-62.26	-13	-49.26
3	336.64	30.28	-67.60	3.67	-63.93	-13	-50.93
4	433.04	27.82	-71.39	2.78	-68.61	-13	-55.61
5	526.07	30.14	-64.93	2.86	-62.07	-13	-49.07
6	802.73	32.42	-66.05	1.52	-64.53	-13	-51.53
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	133.1	31.44	-64.71	-1.55	-66.26	-13	-53.26
2	258.77	30.52	-64.05	3.98	-60.07	-13	-47.07
3	305.12	29.62	-66.36	3.70	-62.66	-13	-49.66
4	411.1	31.69	-66.25	3.21	-63.04	-13	-50.04
5	671.77	29.77	-65.79	1.69	-64.10	-13	-51.10
6	738.61	29.10	-66.77	0.66	-66.11	-13	-53.11

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 5: 1.4MHz

Mode	TX channel 20407	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	158.07	34.03	-53.90	-0.84	-54.74	-13	-41.74
2	241.99	29.45	-65.85	3.83	-62.02	-13	-49.02
3	336.5	30.69	-67.19	3.67	-63.52	-13	-50.52
4	431.64	27.33	-71.88	2.78	-69.10	-13	-56.10
5	525.88	30.38	-64.69	2.86	-61.83	-13	-48.83
6	803.94	32.45	-66.02	1.52	-64.50	-13	-51.50
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.7	29.51	-66.64	-1.55	-68.19	-13	-55.19
2	258.99	27.75	-66.82	3.98	-62.84	-13	-49.84
3	304.75	27.52	-68.46	3.70	-64.76	-13	-51.76
4	411.87	30.64	-67.30	3.21	-64.09	-13	-51.09
5	671.34	27.45	-68.11	1.69	-66.42	-13	-53.42
6	739.39	27.58	-68.29	0.66	-67.63	-13	-54.63

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20525	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.94	33.58	-54.35	-0.84	-55.19	-13	-42.19
2	241.81	29.75	-65.55	3.83	-61.72	-13	-48.72
3	335.86	30.01	-67.87	3.67	-64.20	-13	-51.20
4	432.58	27.50	-71.71	2.78	-68.93	-13	-55.93
5	525.78	30.19	-64.88	2.86	-62.02	-13	-49.02
6	802.13	32.31	-66.16	1.52	-64.64	-13	-51.64
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	132.66	29.15	-67.00	-1.55	-68.55	-13	-55.55
2	259.48	26.29	-68.28	3.98	-64.30	-13	-51.30
3	304.7	27.34	-68.64	3.70	-64.94	-13	-51.94
4	411.5	29.18	-68.76	3.21	-65.55	-13	-52.55
5	671.21	26.05	-69.51	1.69	-67.82	-13	-54.82
6	740.02	27.49	-68.38	0.66	-67.72	-13	-54.72

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20643	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	158.32	33.10	-54.83	-0.84	-55.67	-13	-42.67
2	241.81	29.22	-66.08	3.83	-62.25	-13	-49.25
3	336.29	31.16	-66.72	3.67	-63.05	-13	-50.05
4	432.62	27.23	-71.98	2.78	-69.20	-13	-56.20
5	526.4	30.34	-64.73	2.86	-61.87	-13	-48.87
6	802.34	31.28	-67.19	1.52	-65.67	-13	-52.67
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	132.37	28.73	-67.42	-1.55	-68.97	-13	-55.97
2	258.12	26.93	-67.64	3.98	-63.66	-13	-50.66
3	304.98	26.53	-69.45	3.70	-65.75	-13	-52.75
4	410.99	30.34	-67.60	3.21	-64.39	-13	-51.39
5	670.57	26.12	-69.44	1.69	-67.75	-13	-54.75
6	740.29	26.49	-69.38	0.66	-68.72	-13	-55.72

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 5: 3MHz

Mode	TX channel 20415	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.21	33.57	-54.36	-0.84	-55.20	-13	-42.20
2	242.04	29.70	-65.60	3.83	-61.77	-13	-48.77
3	336.91	30.23	-67.65	3.67	-63.98	-13	-50.98
4	431.87	27.38	-71.83	2.78	-69.05	-13	-56.05
5	527.5	30.72	-64.35	2.86	-61.49	-13	-48.49
6	803.49	31.51	-66.96	1.52	-65.44	-13	-52.44
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.55	28.14	-68.01	-1.55	-69.56	-13	-56.56
2	259.69	26.50	-68.07	3.98	-64.09	-13	-51.09
3	305.74	26.18	-69.80	3.70	-66.10	-13	-53.10
4	412.04	30.39	-67.55	3.21	-64.34	-13	-51.34
5	672.01	26.39	-69.17	1.69	-67.48	-13	-54.48
6	740.03	26.44	-69.43	0.66	-68.77	-13	-55.77

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20525	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.14	34.25	-53.68	-0.84	-54.52	-13	-41.52
2	240.81	29.57	-65.73	3.83	-61.90	-13	-48.90
3	337.22	30.78	-67.10	3.67	-63.43	-13	-50.43
4	432.87	27.63	-71.58	2.78	-68.80	-13	-55.80
5	527.62	30.95	-64.12	2.86	-61.26	-13	-48.26
6	802.57	31.86	-66.61	1.52	-65.09	-13	-52.09
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.18	28.85	-67.30	-1.55	-68.85	-13	-55.85
2	258.13	26.63	-67.94	3.98	-63.96	-13	-50.96
3	304.17	27.24	-68.74	3.70	-65.04	-13	-52.04
4	412	30.39	-67.55	3.21	-64.34	-13	-51.34
5	670.72	26.97	-68.59	1.69	-66.90	-13	-53.90
6	738.74	27.20	-68.67	0.66	-68.01	-13	-55.01

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20635	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	158.16	32.94	-54.99	-0.84	-55.83	-13	-42.83
2	241.26	28.98	-66.32	3.83	-62.49	-13	-49.49
3	337.04	30.29	-67.59	3.67	-63.92	-13	-50.92
4	431.62	26.94	-72.27	2.78	-69.49	-13	-56.49
5	525.74	30.10	-64.97	2.86	-62.11	-13	-49.11
6	803	32.19	-66.28	1.52	-64.76	-13	-51.76
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.09	29.33	-66.82	-1.55	-68.37	-13	-55.37
2	258.88	27.69	-66.88	3.98	-62.90	-13	-49.90
3	304.04	26.49	-69.49	3.70	-65.79	-13	-52.79
4	412.03	29.40	-68.54	3.21	-65.33	-13	-52.33
5	672	27.07	-68.49	1.69	-66.80	-13	-53.80
6	740.32	27.56	-68.31	0.66	-67.65	-13	-54.65

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 5: 5MHz

Mode	TX channel 20425	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	158.89	33.12	-54.81	-0.84	-55.65	-13	-42.65
2	241.2	29.77	-65.53	3.83	-61.70	-13	-48.70
3	335.58	30.72	-67.16	3.67	-63.49	-13	-50.49
4	431.83	28.03	-71.18	2.78	-68.40	-13	-55.40
5	527.37	30.99	-64.08	2.86	-61.22	-13	-48.22
6	803.74	31.86	-66.61	1.52	-65.09	-13	-52.09
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	132.28	28.59	-67.56	-1.55	-69.11	-13	-56.11
2	259.31	26.69	-67.88	3.98	-63.90	-13	-50.90
3	303.85	26.87	-69.11	3.70	-65.41	-13	-52.41
4	412.16	30.24	-67.70	3.21	-64.49	-13	-51.49
5	671.42	27.36	-68.20	1.69	-66.51	-13	-53.51
6	738.54	26.90	-68.97	0.66	-68.31	-13	-55.31

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20525	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.35	33.29	-54.64	-0.84	-55.48	-13	-42.48
2	242.05	29.34	-65.96	3.83	-62.13	-13	-49.13
3	337.34	31.09	-66.79	3.67	-63.12	-13	-50.12
4	433.14	28.19	-71.02	2.78	-68.24	-13	-55.24
5	526.5	30.19	-64.88	2.86	-62.02	-13	-49.02
6	803.1	32.49	-65.98	1.52	-64.46	-13	-51.46
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	132.41	28.79	-67.36	-1.55	-68.91	-13	-55.91
2	258.56	27.28	-67.29	3.98	-63.31	-13	-50.31
3	304.23	26.43	-69.55	3.70	-65.85	-13	-52.85
4	411.69	29.29	-68.65	3.21	-65.44	-13	-52.44
5	670.46	26.71	-68.85	1.69	-67.16	-13	-54.16
6	739.8	26.13	-69.74	0.66	-69.08	-13	-56.08

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20625	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.68	32.81	-55.12	-0.84	-55.96	-13	-42.96
2	242.28	30.44	-64.86	3.83	-61.03	-13	-48.03
3	337.46	30.91	-66.97	3.67	-63.30	-13	-50.30
4	432.57	27.29	-71.92	2.78	-69.14	-13	-56.14
5	526.82	30.43	-64.64	2.86	-61.78	-13	-48.78
6	802.88	31.11	-67.36	1.52	-65.84	-13	-52.84
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	130.94	28.60	-67.55	-1.55	-69.10	-13	-56.10
2	259.55	26.91	-67.66	3.98	-63.68	-13	-50.68
3	305.22	26.62	-69.36	3.70	-65.66	-13	-52.66
4	412.55	30.62	-67.32	3.21	-64.11	-13	-51.11
5	670.4	26.32	-69.24	1.69	-67.55	-13	-54.55
6	739.32	26.52	-69.35	0.66	-68.69	-13	-55.69

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 5: 10MHz

Mode	TX channel 20450	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	158.84	33.54	-54.39	-0.84	-55.23	-13	-42.23
2	240.98	30.25	-65.05	3.83	-61.22	-13	-48.22
3	335.83	30.60	-67.28	3.67	-63.61	-13	-50.61
4	432.71	27.65	-71.56	2.78	-68.78	-13	-55.78
5	527.1	30.36	-64.71	2.86	-61.85	-13	-48.85
6	803.48	31.79	-66.68	1.52	-65.16	-13	-52.16
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.21	29.32	-66.83	-1.55	-68.38	-13	-55.38
2	259.02	27.61	-66.96	3.98	-62.98	-13	-49.98
3	304.86	27.09	-68.89	3.70	-65.19	-13	-52.19
4	411.67	30.26	-67.68	3.21	-64.47	-13	-51.47
5	671.4	26.09	-69.47	1.69	-67.78	-13	-54.78
6	739.75	27.28	-68.59	0.66	-67.93	-13	-54.93

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20525	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	158.64	32.91	-55.02	-0.84	-55.86	-13	-42.86
2	241.9	29.25	-66.05	3.83	-62.22	-13	-49.22
3	335.81	31.30	-66.58	3.67	-62.91	-13	-49.91
4	433.05	27.96	-71.25	2.78	-68.47	-13	-55.47
5	526.23	30.87	-64.20	2.86	-61.34	-13	-48.34
6	802.99	31.91	-66.56	1.52	-65.04	-13	-52.04
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	132.67	29.11	-67.04	-1.55	-68.59	-13	-55.59
2	258.26	26.70	-67.87	3.98	-63.89	-13	-50.89
3	305.24	26.81	-69.17	3.70	-65.47	-13	-52.47
4	411.61	30.11	-67.83	3.21	-64.62	-13	-51.62
5	670.8	26.85	-68.71	1.69	-67.02	-13	-54.02
6	739.6	26.24	-69.63	0.66	-68.97	-13	-55.97

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20600	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.15	33.89	-54.04	-0.84	-54.88	-13	-41.88
2	241.06	30.13	-65.17	3.83	-61.34	-13	-48.34
3	337.27	30.57	-67.31	3.67	-63.64	-13	-50.64
4	433.09	27.48	-71.73	2.78	-68.95	-13	-55.95
5	527.56	30.12	-64.95	2.86	-62.09	-13	-49.09
6	803.45	32.01	-66.46	1.52	-64.94	-13	-51.94
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.67	29.09	-67.06	-1.55	-68.61	-13	-55.61
2	259.39	27.09	-67.48	3.98	-63.50	-13	-50.50
3	304.62	26.41	-69.57	3.70	-65.87	-13	-52.87
4	411.74	30.45	-67.49	3.21	-64.28	-13	-51.28
5	671.19	26.89	-68.67	1.69	-66.98	-13	-53.98
6	739.96	27.24	-68.63	0.66	-67.97	-13	-54.97

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE CA_5C (10MHz+5MHz)

Mode	TX channel 20500+20572	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	134.12	31.76	-64.39	-1.55	-65.94	-13	-52.94
2	260.69	29.62	-64.95	3.98	-60.97	-13	-47.97
3	305	29.76	-66.22	3.70	-62.52	-13	-49.52
4	410.77	32.05	-65.89	3.21	-62.68	-13	-49.68
5	671.62	31.38	-64.18	1.69	-62.49	-13	-49.49
6	738.55	29.38	-66.49	0.66	-65.83	-13	-52.83
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	161.92	30.50	-57.43	-0.84	-58.27	-13	-45.27
2	241.41	30.22	-65.08	3.83	-61.25	-13	-48.25
3	336.22	31.35	-66.53	3.67	-62.86	-13	-49.86
4	430.99	29.11	-70.10	2.78	-67.32	-13	-54.32
5	526.49	30.51	-64.56	2.86	-61.70	-13	-48.70
6	805.95	31.22	-67.25	1.52	-65.73	-13	-52.73

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 26: 1.4MHz

Mode	TX channel 26797	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	158.08	34.06	-53.87	-0.84	-54.71	-13	-41.71
2	241.89	29.64	-65.66	3.83	-61.83	-13	-48.83
3	337.32	30.29	-67.59	3.67	-63.92	-13	-50.92
4	432.29	28.00	-71.21	2.78	-68.43	-13	-55.43
5	526.82	29.78	-65.29	2.86	-62.43	-13	-49.43
6	803.39	32.02	-66.45	1.52	-64.93	-13	-51.93
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	132.62	28.77	-67.38	-1.55	-68.93	-13	-55.93
2	258.95	27.33	-67.24	3.98	-63.26	-13	-50.26
3	305.26	27.23	-68.75	3.70	-65.05	-13	-52.05
4	411.55	30.55	-67.39	3.21	-64.18	-13	-51.18
5	671.38	26.96	-68.60	1.69	-66.91	-13	-53.91
6	739.53	26.98	-68.89	0.66	-68.23	-13	-55.23

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26915	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	158.68	33.03	-54.90	-0.84	-55.74	-13	-42.74
2	240.88	30.16	-65.14	3.83	-61.31	-13	-48.31
3	336.74	30.06	-67.82	3.67	-64.15	-13	-51.15
4	433.25	27.80	-71.41	2.78	-68.63	-13	-55.63
5	527.15	31.07	-64.00	2.86	-61.14	-13	-48.14
6	803.02	32.00	-66.47	1.52	-64.95	-13	-51.95
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	132.07	29.29	-66.86	-1.55	-68.41	-13	-55.41
2	258.52	26.75	-67.82	3.98	-63.84	-13	-50.84
3	304.73	26.10	-69.88	3.70	-66.18	-13	-53.18
4	410.96	29.20	-68.74	3.21	-65.53	-13	-52.53
5	671.15	26.54	-69.02	1.69	-67.33	-13	-54.33
6	738.89	27.29	-68.58	0.66	-67.92	-13	-54.92

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 27033	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.04	32.95	-54.98	-0.84	-55.82	-13	-42.82
2	241.92	29.16	-66.14	3.83	-62.31	-13	-49.31
3	337.13	30.64	-67.24	3.67	-63.57	-13	-50.57
4	433.05	27.12	-72.09	2.78	-69.31	-13	-56.31
5	527.37	30.65	-64.42	2.86	-61.56	-13	-48.56
6	802.66	32.44	-66.03	1.52	-64.51	-13	-51.51
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	132.69	29.05	-67.10	-1.55	-68.65	-13	-55.65
2	259.09	27.25	-67.32	3.98	-63.34	-13	-50.34
3	304.3	27.26	-68.72	3.70	-65.02	-13	-52.02
4	411.65	29.66	-68.28	3.21	-65.07	-13	-52.07
5	671.94	26.57	-68.99	1.69	-67.30	-13	-54.30
6	739.74	26.21	-69.66	0.66	-69.00	-13	-56.00

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 26: 3MHz

Mode	TX channel 26805	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	160.04	34.14	-53.79	-0.84	-54.63	-13	-41.63
2	241.8	29.55	-65.75	3.83	-61.92	-13	-48.92
3	336.67	30.75	-67.13	3.67	-63.46	-13	-50.46
4	432.63	27.16	-72.05	2.78	-69.27	-13	-56.27
5	527.13	31.17	-63.90	2.86	-61.04	-13	-48.04
6	803.47	31.57	-66.90	1.52	-65.38	-13	-52.38
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.34	28.31	-67.84	-1.55	-69.39	-13	-56.39
2	258.43	26.92	-67.65	3.98	-63.67	-13	-50.67
3	305.34	27.15	-68.83	3.70	-65.13	-13	-52.13
4	412.08	30.04	-67.90	3.21	-64.69	-13	-51.69
5	671.07	26.40	-69.16	1.69	-67.47	-13	-54.47
6	740.32	26.20	-69.67	0.66	-69.01	-13	-56.01

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26915	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.18	33.68	-54.25	-0.84	-55.09	-13	-42.09
2	241.83	29.53	-65.77	3.83	-61.94	-13	-48.94
3	336.38	29.96	-67.92	3.67	-64.25	-13	-51.25
4	431.92	28.29	-70.92	2.78	-68.14	-13	-55.14
5	526.34	30.17	-64.90	2.86	-62.04	-13	-49.04
6	803	31.55	-66.92	1.52	-65.40	-13	-52.40
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.39	28.32	-67.83	-1.55	-69.38	-13	-56.38
2	259.32	27.43	-67.14	3.98	-63.16	-13	-50.16
3	305.25	26.42	-69.56	3.70	-65.86	-13	-52.86
4	411.23	30.35	-67.59	3.21	-64.38	-13	-51.38
5	671.85	26.38	-69.18	1.69	-67.49	-13	-54.49
6	739.9	26.14	-69.73	0.66	-69.07	-13	-56.07

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 27025	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.18	34.11	-53.82	-0.84	-54.66	-13	-41.66
2	241.61	30.22	-65.08	3.83	-61.25	-13	-48.25
3	335.86	30.62	-67.26	3.67	-63.59	-13	-50.59
4	431.92	26.97	-72.24	2.78	-69.46	-13	-56.46
5	525.93	30.30	-64.77	2.86	-61.91	-13	-48.91
6	802.19	31.78	-66.69	1.52	-65.17	-13	-52.17
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.37	29.14	-67.01	-1.55	-68.56	-13	-55.56
2	258.94	26.65	-67.92	3.98	-63.94	-13	-50.94
3	304.93	26.62	-69.36	3.70	-65.66	-13	-52.66
4	410.93	29.54	-68.40	3.21	-65.19	-13	-52.19
5	672.25	25.95	-69.61	1.69	-67.92	-13	-54.92
6	738.92	26.29	-69.58	0.66	-68.92	-13	-55.92

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 26: 5MHz

Mode	TX channel 26815	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.55	33.30	-54.63	-0.84	-55.47	-13	-42.47
2	241.26	29.27	-66.03	3.83	-62.20	-13	-49.20
3	336.21	31.09	-66.79	3.67	-63.12	-13	-50.12
4	431.99	28.25	-70.96	2.78	-68.18	-13	-55.18
5	527.64	29.75	-65.32	2.86	-62.46	-13	-49.46
6	803.65	32.34	-66.13	1.52	-64.61	-13	-51.61
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.12	28.98	-67.17	-1.55	-68.72	-13	-55.72
2	259.85	27.08	-67.49	3.98	-63.51	-13	-50.51
3	304.35	27.42	-68.56	3.70	-64.86	-13	-51.86
4	412.33	29.56	-68.38	3.21	-65.17	-13	-52.17
5	670.42	26.51	-69.05	1.69	-67.36	-13	-54.36
6	738.5	27.12	-68.75	0.66	-68.09	-13	-55.09

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26915	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	158.15	34.02	-53.91	-0.84	-54.75	-13	-41.75
2	241.18	29.96	-65.34	3.83	-61.51	-13	-48.51
3	335.54	30.04	-67.84	3.67	-64.17	-13	-51.17
4	432.98	27.70	-71.51	2.78	-68.73	-13	-55.73
5	526.11	30.38	-64.69	2.86	-61.83	-13	-48.83
6	803.43	32.36	-66.11	1.52	-64.59	-13	-51.59
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.98	29.13	-67.02	-1.55	-68.57	-13	-55.57
2	258.51	27.54	-67.03	3.98	-63.05	-13	-50.05
3	304.46	26.22	-69.76	3.70	-66.06	-13	-53.06
4	412.34	29.35	-68.59	3.21	-65.38	-13	-52.38
5	671.29	27.39	-68.17	1.69	-66.48	-13	-53.48
6	738.97	27.04	-68.83	0.66	-68.17	-13	-55.17

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 27015	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.21	33.12	-54.81	-0.84	-55.65	-13	-42.65
2	241.85	28.96	-66.34	3.83	-62.51	-13	-49.51
3	337.46	31.30	-66.58	3.67	-62.91	-13	-49.91
4	432.36	27.18	-72.03	2.78	-69.25	-13	-56.25
5	526.67	30.93	-64.14	2.86	-61.28	-13	-48.28
6	803.64	31.28	-67.19	1.52	-65.67	-13	-52.67
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	130.73	29.20	-66.95	-1.55	-68.50	-13	-55.50
2	258.13	26.79	-67.78	3.98	-63.80	-13	-50.80
3	305.67	27.04	-68.94	3.70	-65.24	-13	-52.24
4	410.9	30.07	-67.87	3.21	-64.66	-13	-51.66
5	672.1	27.31	-68.25	1.69	-66.56	-13	-53.56
6	739.4	27.04	-68.83	0.66	-68.17	-13	-55.17

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 26: 10MHz

Mode	TX channel 26840	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.34	33.57	-54.36	-0.84	-55.20	-13	-42.20
2	242.16	29.17	-66.13	3.83	-62.30	-13	-49.30
3	337.44	30.16	-67.72	3.67	-64.05	-13	-51.05
4	431.73	28.03	-71.18	2.78	-68.40	-13	-55.40
5	526.21	29.81	-65.26	2.86	-62.40	-13	-49.40
6	803.16	32.56	-65.91	1.52	-64.39	-13	-51.39
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.04	28.80	-67.35	-1.55	-68.90	-13	-55.90
2	258.08	27.12	-67.45	3.98	-63.47	-13	-50.47
3	304.55	27.39	-68.59	3.70	-64.89	-13	-51.89
4	412.61	29.86	-68.08	3.21	-64.87	-13	-51.87
5	670.81	27.24	-68.32	1.69	-66.63	-13	-53.63
6	738.78	26.62	-69.25	0.66	-68.59	-13	-55.59

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26915	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	158.37	33.94	-53.99	-0.84	-54.83	-13	-41.83
2	241.74	30.05	-65.25	3.83	-61.42	-13	-48.42
3	336.42	30.43	-67.45	3.67	-63.78	-13	-50.78
4	432.99	27.96	-71.25	2.78	-68.47	-13	-55.47
5	526.82	30.89	-64.18	2.86	-61.32	-13	-48.32
6	803.49	31.41	-67.06	1.52	-65.54	-13	-52.54
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.22	29.17	-66.98	-1.55	-68.53	-13	-55.53
2	259.42	27.62	-66.95	3.98	-62.97	-13	-49.97
3	304.45	26.38	-69.60	3.70	-65.90	-13	-52.90
4	411.03	29.61	-68.33	3.21	-65.12	-13	-52.12
5	672.05	26.61	-68.95	1.69	-67.26	-13	-54.26
6	738.72	27.35	-68.52	0.66	-67.86	-13	-54.86

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26990	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.88	34.18	-53.75	-0.84	-54.59	-13	-41.59
2	241.87	30.03	-65.27	3.83	-61.44	-13	-48.44
3	336.13	29.94	-67.94	3.67	-64.27	-13	-51.27
4	433.54	27.98	-71.23	2.78	-68.45	-13	-55.45
5	526.58	30.25	-64.82	2.86	-61.96	-13	-48.96
6	803.57	31.81	-66.66	1.52	-65.14	-13	-52.14
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.83	29.18	-66.97	-1.55	-68.52	-13	-55.52
2	258.96	26.63	-67.94	3.98	-63.96	-13	-50.96
3	305.23	26.78	-69.20	3.70	-65.50	-13	-52.50
4	412.78	29.38	-68.56	3.21	-65.35	-13	-52.35
5	671.88	26.94	-68.62	1.69	-66.93	-13	-53.93
6	738.54	27.46	-68.41	0.66	-67.75	-13	-54.75

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 26: 15MHz

Mode	TX channel 26865	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.63	33.29	-54.64	-0.84	-55.48	-13	-42.48
2	242.41	29.58	-65.72	3.83	-61.89	-13	-48.89
3	336.31	30.49	-67.39	3.67	-63.72	-13	-50.72
4	432.61	27.18	-72.03	2.78	-69.25	-13	-56.25
5	525.88	30.96	-64.11	2.86	-61.25	-13	-48.25
6	803.02	32.09	-66.38	1.52	-64.86	-13	-51.86
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.85	28.74	-67.41	-1.55	-68.96	-13	-55.96
2	258.29	27.21	-67.36	3.98	-63.38	-13	-50.38
3	303.77	26.64	-69.34	3.70	-65.64	-13	-52.64
4	412.09	30.33	-67.61	3.21	-64.40	-13	-51.40
5	671.63	26.59	-68.97	1.69	-67.28	-13	-54.28
6	738.54	27.03	-68.84	0.66	-68.18	-13	-55.18

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26915	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.79	33.55	-54.38	-0.84	-55.22	-13	-42.22
2	241.16	30.12	-65.18	3.83	-61.35	-13	-48.35
3	336.31	30.54	-67.34	3.67	-63.67	-13	-50.67
4	432.88	27.80	-71.41	2.78	-68.63	-13	-55.63
5	527.14	30.16	-64.91	2.86	-62.05	-13	-49.05
6	803.33	31.10	-67.37	1.52	-65.85	-13	-52.85
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.11	28.37	-67.78	-1.55	-69.33	-13	-56.33
2	258.53	27.26	-67.31	3.98	-63.33	-13	-50.33
3	305.35	26.98	-69.00	3.70	-65.30	-13	-52.30
4	411.11	29.20	-68.74	3.21	-65.53	-13	-52.53
5	671.59	26.09	-69.47	1.69	-67.78	-13	-54.78
6	739.33	26.17	-69.70	0.66	-69.04	-13	-56.04

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26965	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	159.06	33.72	-54.21	-0.84	-55.05	-13	-42.05
2	241.25	30.29	-65.01	3.83	-61.18	-13	-48.18
3	336.92	30.47	-67.41	3.67	-63.74	-13	-50.74
4	432.58	28.21	-71.00	2.78	-68.22	-13	-55.22
5	526.03	30.14	-64.93	2.86	-62.07	-13	-49.07
6	804.07	32.25	-66.22	1.52	-64.70	-13	-51.70
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	131.19	29.12	-67.03	-1.55	-68.58	-13	-55.58
2	258.33	27.08	-67.49	3.98	-63.51	-13	-50.51
3	305.24	26.44	-69.54	3.70	-65.84	-13	-52.84
4	411.84	29.72	-68.22	3.21	-65.01	-13	-52.01
5	671.75	26.84	-68.72	1.69	-67.03	-13	-54.03
6	739.33	27.38	-68.49	0.66	-67.83	-13	-54.83

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

ABOVE 1GHz

WCDMA:

Mode	TX channel 4132	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1652.8	41.25	-61.48	6.27	-55.21	-13	-42.21
2	2479.2	44.21	-54.06	6.63	-47.43	-13	-34.43
3	3305.6	34.64	-67.85	7.97	-59.87	-13	-46.87
4	4132	46.57	-58.33	7.47	-50.86	-13	-37.86
5	4958.4	34.09	-70.08	7.00	-63.08	-13	-50.08
6	5784.8	50.06	-54.08	7.13	-46.95	-13	-33.95
7	6611.2	46.33	-57.34	5.71	-51.62	-13	-38.62
8	7437.6	51	-51.62	4.60	-47.02	-13	-34.02
9	8264	46.72	-55.77	4.17	-51.60	-13	-38.60
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1652.8	32.45	-70.28	6.27	-64.01	-13	-51.01
2	2479.2	38.37	-59.90	6.63	-53.27	-13	-40.27
3	3305.6	35.61	-66.88	7.97	-58.90	-13	-45.90
4	4132	38.76	-66.14	7.47	-58.67	-13	-45.67
5	4958.4	35.03	-69.14	7.00	-62.14	-13	-49.14
6	5784.8	41.16	-62.98	7.13	-55.85	-13	-42.85
7	6611.2	44.48	-59.19	5.71	-53.47	-13	-40.47
8	7437.6	45.86	-56.76	4.60	-52.16	-13	-39.16
9	8264	44.52	-57.97	4.17	-53.80	-13	-40.80

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 4182	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1672.8	34.3	-68.43	6.27	-62.16	-13	-49.16
2	2509.2	46.7	-51.57	6.63	-44.94	-13	-31.94
3	3345.6	38.22	-64.27	7.97	-56.29	-13	-43.29
4	4182	47.84	-57.06	7.47	-49.59	-13	-36.59
5	5018.4	28.09	-76.08	7.00	-69.08	-13	-56.08
6	5854.8	48.9	-55.24	7.13	-48.11	-13	-35.11
7	6691.2	46.55	-57.12	5.71	-51.40	-13	-38.40
8	7527.6	48.55	-54.07	4.60	-49.47	-13	-36.47
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1672.8	35.83	-66.90	6.27	-60.63	-13	-47.63
2	2509.2	35.81	-62.46	6.63	-55.83	-13	-42.83
3	3345.6	34.24	-68.25	7.97	-60.27	-13	-47.27
4	4182	37.35	-67.55	7.47	-60.08	-13	-47.08
5	5018.4	35.02	-69.15	7.00	-62.15	-13	-49.15
6	5854.8	39.42	-64.72	7.13	-57.59	-13	-44.59
7	6691.2	44.31	-59.36	5.71	-53.64	-13	-40.64
8	7527.6	43.97	-58.65	4.60	-54.05	-13	-41.05
9	8364	45.31	-57.18	4.17	-53.01	-13	-40.01

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 4233	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1693.2	42.97	-59.76	6.27	-53.49	-13	-40.49
2	2539.8	48.57	-49.70	6.63	-43.07	-13	-30.07
3	3386.4	34.85	-67.64	7.97	-59.66	-13	-46.66
4	4233	48.11	-56.79	7.47	-49.32	-13	-36.32
5	5079.6	30.34	-73.83	7.00	-66.83	-13	-53.83
6	5926.2	48.94	-55.20	7.13	-48.07	-13	-35.07
7	6772.8	45.18	-58.49	5.71	-52.77	-13	-39.77
8	7619.4	52.28	-50.34	4.60	-45.74	-13	-32.74
9	8466	48.57	-53.92	4.17	-49.75	-13	-36.75
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1693.2	33.64	-69.09	6.27	-62.82	-13	-49.82
2	2539.8	38.45	-59.82	6.63	-53.19	-13	-40.19
3	3386.4	38.04	-64.45	7.97	-56.47	-13	-43.47
4	4233	37.86	-67.04	7.47	-59.57	-13	-46.57
5	5079.6	36.75	-67.42	7.00	-60.42	-13	-47.42
6	5926.2	34.52	-69.62	7.13	-62.49	-13	-49.49
7	6772.8	44.86	-58.81	5.71	-53.09	-13	-40.09
8	7619.4	41.97	-60.65	4.60	-56.05	-13	-43.05
9	8466	45.02	-57.47	4.17	-53.30	-13	-40.30

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 5: 1.4MHz

Mode	TX channel 20407	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1649.4	37.91	-64.84	6.27	-58.57	-13	-45.57
2	2474.1	44.95	-53.28	6.62	-46.65	-13	-33.65
3	3298.8	37.61	-65.34	7.56	-57.78	-13	-44.78
4	4123.5	40.68	-64.22	7.47	-56.75	-13	-43.75
5	4948.2	40.24	-63.91	7.00	-56.92	-13	-43.92
6	5772.9	42.05	-62.09	7.15	-54.94	-13	-41.94
7	6597.6	44.88	-58.85	5.74	-53.11	-13	-40.11
8	7422.3	47.52	-55.10	4.61	-50.49	-13	-37.49
9	8247	47.98	-54.64	4.16	-50.48	-13	-37.48
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1649.4	35.21	-67.54	6.27	-61.27	-13	-48.27
2	2474.1	39.96	-58.27	6.62	-51.64	-13	-38.64
3	3298.8	35.41	-67.54	7.56	-59.98	-13	-46.98
4	4123.5	36.67	-68.23	7.47	-60.76	-13	-47.76
5	4948.2	42.19	-61.96	7.00	-54.97	-13	-41.97
6	5772.9	39.82	-64.32	7.15	-57.17	-13	-44.17
7	6597.6	42.15	-61.58	5.74	-55.84	-13	-42.84
8	7422.3	43.38	-59.24	4.61	-54.63	-13	-41.63
9	8247	45.61	-57.01	4.16	-52.85	-13	-39.85

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20525	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	44.08	-58.55	6.31	-52.24	-13	-39.24
2	2509.5	46.85	-51.67	6.66	-45.01	-13	-32.01
3	3346	35.91	-66.73	7.95	-58.78	-13	-45.78
4	4182.5	42.25	-62.59	7.44	-55.15	-13	-42.15
5	5019	29.84	-74.42	7.01	-67.41	-13	-54.41
6	5855.5	46.37	-57.77	7.01	-50.76	-13	-37.76
7	6692	46.22	-57.11	5.56	-51.55	-13	-38.55
8	7528.5	50.25	-52.37	4.52	-47.85	-13	-34.85
9	8365	49.33	-53.22	4.19	-49.03	-13	-36.03
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	34.98	-67.65	6.31	-61.34	-13	-48.34
2	2509.5	39.98	-58.54	6.66	-51.88	-13	-38.88
3	3346	34.90	-67.74	7.95	-59.79	-13	-46.79
4	4182.5	37.57	-67.27	7.44	-59.83	-13	-46.83
5	5019	42.98	-61.28	7.01	-54.27	-13	-41.27
6	5855.5	40.78	-63.36	7.01	-56.35	-13	-43.35
7	6692	41.61	-61.72	5.56	-56.16	-13	-43.16
8	7528.5	43.24	-59.38	4.52	-54.86	-13	-41.86
9	8365	47.57	-54.98	4.19	-50.79	-13	-37.79

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20643	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1696.6	44.75	-57.76	6.35	-51.41	-13	-38.41
2	2544.9	45.97	-52.84	6.69	-46.15	-13	-33.15
3	3393.2	36.26	-66.55	7.92	-58.63	-13	-45.63
4	4241.5	42.82	-61.96	7.42	-54.55	-13	-41.55
5	5089.8	29.07	-75.29	7.03	-68.27	-13	-55.27
6	5938.1	45.93	-58.21	6.87	-51.34	-13	-38.34
7	6786.4	46.40	-55.36	5.15	-50.21	-13	-37.21
8	7634.7	50.39	-52.23	4.43	-47.80	-13	-34.80
9	8483	49.03	-53.58	4.21	-49.37	-13	-36.37
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1696.6	35.48	-67.03	6.35	-60.68	-13	-47.68
2	2544.9	40.49	-58.32	6.69	-51.63	-13	-38.63
3	3393.2	36.13	-66.68	7.92	-58.76	-13	-45.76
4	4241.5	35.89	-68.89	7.42	-61.48	-13	-48.48
5	5089.8	41.22	-63.14	7.03	-56.12	-13	-43.12
6	5938.1	40.19	-63.95	6.87	-57.08	-13	-44.08
7	6786.4	41.64	-60.12	5.15	-54.97	-13	-41.97
8	7634.7	43.32	-59.30	4.43	-54.87	-13	-41.87
9	8483	47.57	-55.04	4.21	-50.83	-13	-37.83

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 5: 3MHz

Mode	TX channel 20415	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1651	45.05	-57.69	6.27	-51.42	-13	-38.42
2	2476.5	46.95	-51.29	6.63	-44.67	-13	-31.67
3	3302	36.48	-66.48	7.56	-58.91	-13	-45.91
4	4127.5	41.36	-63.54	7.47	-56.07	-13	-43.07
5	4953	29.65	-74.51	7.00	-67.51	-13	-54.51
6	5778.5	47.29	-57.22	6.93	-50.30	-13	-37.30
7	6604	46.24	-57.46	5.73	-51.73	-13	-38.73
8	7429.5	49.62	-53.00	4.61	-48.39	-13	-35.39
9	8255	48.85	-53.77	4.16	-49.61	-13	-36.61
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1651	34.67	-68.07	6.27	-61.80	-13	-48.80
2	2476.5	39.51	-58.73	6.63	-52.11	-13	-39.11
3	3302	35.96	-67.00	7.56	-59.43	-13	-46.43
4	4127.5	36.90	-68.00	7.47	-60.53	-13	-47.53
5	4953	42.77	-61.39	7.00	-54.39	-13	-41.39
6	5778.5	39.43	-65.08	6.93	-58.16	-13	-45.16
7	6604	42.50	-61.20	5.73	-55.47	-13	-42.47
8	7429.5	43.08	-59.54	4.61	-54.93	-13	-41.93
9	8255	47.57	-55.05	4.16	-50.89	-13	-37.89

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20525	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	43.26	-59.37	6.31	-53.06	-13	-40.06
2	2509.5	47.53	-50.99	6.66	-44.33	-13	-31.33
3	3346	35.48	-67.16	7.95	-59.21	-13	-46.21
4	4182.5	43.21	-61.63	7.44	-54.19	-13	-41.19
5	5019	29.41	-74.85	7.01	-67.84	-13	-54.84
6	5855.5	46.33	-57.81	7.01	-50.80	-13	-37.80
7	6692	46.06	-57.27	5.56	-51.71	-13	-38.71
8	7528.5	51.23	-51.39	4.52	-46.87	-13	-33.87
9	8365	49.34	-53.21	4.19	-49.02	-13	-36.02
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	34.81	-67.82	6.31	-61.51	-13	-48.51
2	2509.5	40.09	-58.43	6.66	-51.77	-13	-38.77
3	3346	35.14	-67.50	7.95	-59.55	-13	-46.55
4	4182.5	36.59	-68.25	7.44	-60.81	-13	-47.81
5	5019	42.09	-62.17	7.01	-55.16	-13	-42.16
6	5855.5	39.67	-64.47	7.01	-57.46	-13	-44.46
7	6692	42.44	-60.89	5.56	-55.33	-13	-42.33
8	7528.5	43.97	-58.65	4.52	-54.13	-13	-41.13
9	8365	47.57	-54.98	4.19	-50.79	-13	-37.79

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20635	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1695	35.11	-67.41	6.35	-61.06	-13	-48.06
2	2542.5	40.27	-58.52	6.69	-51.83	-13	-38.83
3	3390	35.56	-67.24	7.92	-59.32	-13	-46.32
4	4237.5	36.87	-67.92	7.42	-60.50	-13	-47.50
5	5085	42.37	-61.95	7.02	-54.93	-13	-41.93
6	5932.5	39.65	-64.49	6.88	-57.61	-13	-44.61
7	6780	41.34	-60.42	5.16	-55.26	-13	-42.26
8	7627.5	43.50	-59.12	4.43	-54.69	-13	-41.69
9	8475	47.57	-55.04	4.20	-50.83	-13	-37.83
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1695	34.60	-67.92	6.35	-61.57	-13	-48.57
2	2542.5	37.75	-61.04	6.69	-54.35	-13	-41.35
3	3390	39.32	-63.48	7.92	-55.56	-13	-42.56
4	4237.5	41.19	-63.60	7.42	-56.18	-13	-43.18
5	5085	43.61	-60.71	7.02	-53.69	-13	-40.69
6	5932.5	42.73	-61.41	6.88	-54.53	-13	-41.53
7	6780	45.48	-56.28	5.16	-51.12	-13	-38.12
8	7627.5	46.06	-56.56	4.43	-52.13	-13	-39.13
9	8475	47.57	-55.04	4.20	-50.83	-13	-37.83

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 5: 5MHz

Mode	TX channel 20425	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1653	44.14	-58.59	6.27	-52.32	-13	-39.32
2	2479.5	47.13	-51.14	6.63	-44.51	-13	-31.51
3	3306	35.65	-66.84	7.97	-58.87	-13	-45.87
4	4132.5	42.59	-62.30	7.47	-54.84	-13	-41.84
5	4959	28.91	-75.26	7.00	-68.26	-13	-55.26
6	5785.5	46.53	-57.97	6.92	-51.05	-13	-38.05
7	6612	46.97	-56.70	5.71	-50.98	-13	-37.98
8	7438.5	49.83	-52.79	4.60	-48.19	-13	-35.19
9	8265	49.84	-52.78	4.17	-48.61	-13	-35.61
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1653	35.10	-67.63	6.27	-61.36	-13	-48.36
2	2479.5	40.25	-58.02	6.63	-51.39	-13	-38.39
3	3306	34.94	-67.55	7.97	-59.58	-13	-46.58
4	4132.5	37.49	-67.40	7.47	-59.94	-13	-46.94
5	4959	42.79	-61.38	7.00	-54.38	-13	-41.38
6	5785.5	40.63	-63.87	6.92	-56.95	-13	-43.95
7	6612	41.88	-61.79	5.71	-56.07	-13	-43.07
8	7438.5	43.47	-59.15	4.60	-54.55	-13	-41.55
9	8265	47.57	-55.05	4.17	-50.88	-13	-37.88

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20525	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	43.31	-59.32	6.31	-53.01	-13	-40.01
2	2509.5	47.33	-51.19	6.66	-44.53	-13	-31.53
3	3346	35.57	-67.07	7.95	-59.12	-13	-46.12
4	4182.5	42.91	-61.93	7.44	-54.49	-13	-41.49
5	5019	30.42	-73.84	7.01	-66.83	-13	-53.83
6	5855.5	46.30	-57.84	7.01	-50.83	-13	-37.83
7	6692	45.48	-57.85	5.56	-52.29	-13	-39.29
8	7528.5	50.69	-51.93	4.52	-47.41	-13	-34.41
9	8365	48.84	-53.71	4.19	-49.52	-13	-36.52
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	36.01	-66.62	6.31	-60.31	-13	-47.31
2	2509.5	40.75	-57.77	6.66	-51.11	-13	-38.11
3	3346	35.38	-67.26	7.95	-59.31	-13	-46.31
4	4182.5	37.13	-67.71	7.44	-60.27	-13	-47.27
5	5019	42.59	-61.67	7.01	-54.66	-13	-41.66
6	5855.5	40.56	-63.58	7.01	-56.57	-13	-43.57
7	6692	42.63	-60.70	5.56	-55.14	-13	-42.14
8	7528.5	44.19	-58.43	4.52	-53.91	-13	-40.91
9	8365	47.57	-54.98	4.19	-50.79	-13	-37.79

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20625	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1693	43.52	-59.00	6.35	-52.65	-13	-39.65
2	2539.5	46.44	-52.35	6.69	-45.66	-13	-32.66
3	3386	36.24	-66.54	7.92	-58.62	-13	-45.62
4	4232.5	42.13	-62.66	7.42	-55.24	-13	-42.24
5	5079	29.77	-74.58	7.03	-67.55	-13	-54.55
6	5925.5	45.74	-58.40	6.90	-51.50	-13	-38.50
7	6772	46.21	-55.54	5.16	-50.37	-13	-37.37
8	7618.5	50.65	-51.97	4.44	-47.53	-13	-34.53
9	8465	49.85	-52.75	4.20	-48.55	-13	-35.55
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1693	35.54	-66.98	6.35	-60.63	-13	-47.63
2	2539.5	40.00	-58.79	6.69	-52.10	-13	-39.10
3	3386	34.72	-68.06	7.92	-60.14	-13	-47.14
4	4232.5	36.69	-68.10	7.42	-60.68	-13	-47.68
5	5079	42.15	-62.20	7.03	-55.17	-13	-42.17
6	5925.5	40.41	-63.73	6.90	-56.83	-13	-43.83
7	6772	41.42	-60.33	5.16	-55.16	-13	-42.16
8	7618.5	44.28	-58.34	4.44	-53.90	-13	-40.90
9	8465	47.57	-55.03	4.20	-50.83	-13	-37.83

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 5: 10MHz

Mode	TX channel 20450	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1658	43.53	-59.20	6.27	-52.93	-13	-39.93
2	2487	47.12	-51.21	6.64	-44.58	-13	-31.58
3	3316	35.35	-67.18	7.97	-59.21	-13	-46.21
4	4145	42.81	-62.07	7.46	-54.61	-13	-41.61
5	4974	30.29	-73.90	7.00	-66.90	-13	-53.90
6	5803	46.76	-57.71	6.91	-50.80	-13	-37.80
7	6632	45.46	-58.12	5.68	-52.45	-13	-39.45
8	7461	49.74	-52.88	4.58	-48.30	-13	-35.30
9	8290	49.44	-53.18	4.17	-49.01	-13	-36.01
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1658	35.74	-66.99	6.27	-60.72	-13	-47.72
2	2487	40.30	-58.03	6.64	-51.40	-13	-38.40
3	3316	35.05	-67.48	7.97	-59.51	-13	-46.51
4	4145	36.80	-68.08	7.46	-60.62	-13	-47.62
5	4974	42.99	-61.20	7.00	-54.20	-13	-41.20
6	5803	40.56	-63.91	6.91	-57.00	-13	-44.00
7	6632	41.57	-62.01	5.68	-56.34	-13	-43.34
8	7461	42.81	-59.81	4.58	-55.23	-13	-42.23
9	8290	47.57	-55.05	4.17	-50.88	-13	-37.88

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20525	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	44.19	-58.44	6.31	-52.13	-13	-39.13
2	2509.5	46.61	-51.91	6.66	-45.25	-13	-32.25
3	3346	35.96	-66.68	7.95	-58.73	-13	-45.73
4	4182.5	41.38	-63.46	7.44	-56.02	-13	-43.02
5	5019	30.43	-73.83	7.01	-66.82	-13	-53.82
6	5855.5	47.30	-56.84	7.01	-49.83	-13	-36.83
7	6692	47.03	-56.30	5.56	-50.74	-13	-37.74
8	7528.5	49.59	-53.03	4.52	-48.51	-13	-35.51
9	8365	49.46	-53.09	4.19	-48.90	-13	-35.90
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	35.92	-66.71	6.31	-60.40	-13	-47.40
2	2509.5	39.24	-59.28	6.66	-52.62	-13	-39.62
3	3346	34.52	-68.12	7.95	-60.17	-13	-47.17
4	4182.5	35.90	-68.94	7.44	-61.50	-13	-48.50
5	5019	41.65	-62.61	7.01	-55.60	-13	-42.60
6	5855.5	40.15	-63.99	7.01	-56.98	-13	-43.98
7	6692	42.68	-60.65	5.56	-55.09	-13	-42.09
8	7528.5	44.11	-58.51	4.52	-53.99	-13	-40.99
9	8365	47.57	-54.98	4.19	-50.79	-13	-37.79

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 20600	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1688	43.87	-58.68	6.34	-52.35	-13	-39.35
2	2532	47.61	-51.10	6.68	-44.42	-13	-31.42
3	3376	35.70	-67.05	7.93	-59.12	-13	-46.12
4	4220	42.50	-62.31	7.43	-54.88	-13	-41.88
5	5064	29.87	-74.46	7.02	-67.43	-13	-54.43
6	5908	45.64	-58.50	6.93	-51.57	-13	-38.57
7	6752	45.48	-56.24	5.18	-51.06	-13	-38.06
8	7596	49.49	-53.13	4.46	-48.67	-13	-35.67
9	8440	49.47	-53.12	4.20	-48.92	-13	-35.92
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1688	34.96	-67.59	6.34	-61.26	-13	-48.26
2	2532	39.82	-58.89	6.68	-52.21	-13	-39.21
3	3376	35.00	-67.75	7.93	-59.82	-13	-46.82
4	4220	37.13	-67.68	7.43	-60.25	-13	-47.25
5	5064	41.90	-62.43	7.02	-55.40	-13	-42.40
6	5908	39.83	-64.31	6.93	-57.38	-13	-44.38
7	6752	42.35	-59.37	5.18	-54.19	-13	-41.19
8	7596	42.63	-59.99	4.46	-55.53	-13	-42.53
9	8440	47.57	-55.02	4.20	-50.82	-13	-37.82

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE CA_5C (10MHz+5MHz)

Mode	TX channel 20500+20572	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1682.4	37.64	-66.75	7.03	-59.71	-13	-46.71
2	2523.6	43.41	-59.21	4.41	-54.80	-13	-41.80
3	3364.8	52.28	-49.51	3.84	-45.67	-13	-32.67
4	4206	50.50	-50.70	4.39	-46.31	-13	-33.31
5	5047.2	51.62	-45.78	3.72	-42.07	-13	-29.07
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1682.4	38.98	-65.41	7.03	-58.37	-13	-45.37
2	2523.6	47.11	-55.51	4.41	-51.10	-13	-38.10
3	3364.8	42.95	-58.84	3.84	-55.00	-13	-42.00
4	4206	49.38	-51.82	4.39	-47.43	-13	-34.43
5	5047.2	44.97	-52.43	3.72	-48.72	-13	-35.72

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 26: 1.4MHz

Mode	TX channel 26797	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1649.4	36.95	-65.80	6.27	-59.53	-13	-46.53
2	2474.1	44.76	-53.47	6.62	-46.84	-13	-33.84
3	3298.8	36.77	-66.18	7.56	-58.62	-13	-45.62
4	4123.5	40.91	-63.99	7.47	-56.52	-13	-43.52
5	4948.2	40.37	-63.78	7.00	-56.79	-13	-43.79
6	5772.9	41.37	-62.77	7.15	-55.62	-13	-42.62
7	6597.6	44.07	-59.66	5.74	-53.92	-13	-40.92
8	7422.3	46.69	-55.93	4.61	-51.32	-13	-38.32
9	8247	47.36	-55.26	4.16	-51.10	-13	-38.10
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1649.4	34.74	-68.01	6.27	-61.74	-13	-48.74
2	2474.1	38.23	-60.00	6.62	-53.37	-13	-40.37
3	3298.8	35.63	-67.32	7.56	-59.76	-13	-46.76
4	4123.5	36.24	-68.66	7.47	-61.19	-13	-48.19
5	4948.2	41.17	-62.98	7.00	-55.99	-13	-42.99
6	5772.9	39.84	-64.30	7.15	-57.15	-13	-44.15
7	6597.6	42.89	-60.84	5.74	-55.10	-13	-42.10
8	7422.3	44.34	-58.28	4.61	-53.67	-13	-40.67
9	8247	48.31	-54.31	4.16	-50.15	-13	-37.15

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26915	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	36.94	-65.69	6.31	-59.38	-13	-46.38
2	2509.5	44.96	-53.56	6.66	-46.90	-13	-33.90
3	3346	36.26	-66.38	7.95	-58.43	-13	-45.43
4	4182.5	41.19	-63.65	7.44	-56.21	-13	-43.21
5	5019	41.01	-63.25	7.01	-56.24	-13	-43.24
6	5855.5	41.87	-62.27	7.01	-55.26	-13	-42.26
7	6692	44.38	-58.95	5.56	-53.39	-13	-40.39
8	7528.5	47.54	-55.08	4.52	-50.56	-13	-37.56
9	8365	47.79	-54.76	4.19	-50.57	-13	-37.57
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	34.82	-67.81	6.31	-61.50	-13	-48.50
2	2509.5	38.95	-59.57	6.66	-52.91	-13	-39.91
3	3346	34.92	-67.72	7.95	-59.77	-13	-46.77
4	4182.5	36.31	-68.53	7.44	-61.09	-13	-48.09
5	5019	41.47	-62.79	7.01	-55.78	-13	-42.78
6	5855.5	39.88	-64.26	7.01	-57.25	-13	-44.25
7	6692	43.23	-60.10	5.56	-54.54	-13	-41.54
8	7528.5	43.90	-58.72	4.52	-54.20	-13	-41.20
9	8365	48.44	-54.11	4.19	-49.92	-13	-36.92

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 27033	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1696.6	36.07	-66.44	6.35	-60.09	-13	-47.09
2	2544.9	44.22	-54.59	6.69	-47.90	-13	-34.90
3	3393.2	36.86	-65.95	7.92	-58.03	-13	-45.03
4	4241.5	41.75	-59.86	4.18	-55.69	-13	-42.69
5	5089.8	41.22	-61.51	-5.18	-66.69	-13	-53.69
6	5938.1	40.66	-59.66	3.57	-56.09	-13	-43.09
7	6786.4	44.37	-52.98	3.70	-49.28	-13	-36.28
8	7634.7	46.19	-51.16	3.70	-47.46	-13	-34.46
9	8483	47.85	-54.76	4.21	-50.55	-13	-37.55
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1696.6	35.66	-66.85	6.35	-60.50	-13	-47.50
2	2544.9	38.42	-60.39	6.69	-53.70	-13	-40.70
3	3393.2	34.20	-68.61	7.92	-60.69	-13	-47.69
4	4241.5	35.76	-65.85	4.18	-61.68	-13	-48.68
5	5089.8	40.87	-61.86	-5.18	-67.04	-13	-54.04
6	5938.1	39.66	-60.66	3.57	-57.09	-13	-44.09
7	6786.4	43.45	-53.90	3.70	-50.20	-13	-37.20
8	7634.7	42.86	-54.49	3.70	-50.79	-13	-37.79
9	8483	48.11	-54.50	4.21	-50.29	-13	-37.29

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 26: 3MHz

Mode	TX channel 26805	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1651	36.67	-66.08	6.27	-59.81	-13	-46.81
2	2476.5	45.30	-52.93	6.62	-46.30	-13	-33.30
3	3302	35.96	-66.99	7.56	-59.43	-13	-46.43
4	4127.5	41.85	-63.05	7.47	-55.58	-13	-42.58
5	4953	41.19	-62.96	7.00	-55.97	-13	-42.97
6	5778.5	41.52	-63.00	6.93	-56.07	-13	-43.07
7	6604	43.95	-59.78	5.74	-54.04	-13	-41.04
8	7429.5	47.61	-55.01	4.61	-50.40	-13	-37.40
9	8255	46.89	-55.73	2.66	-53.07	-13	-40.07
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1651	34.83	-67.92	6.27	-61.65	-13	-48.65
2	2476.5	39.13	-59.10	6.62	-52.47	-13	-39.47
3	3302	34.70	-68.25	7.56	-60.69	-13	-47.69
4	4127.5	37.05	-67.85	7.47	-60.38	-13	-47.38
5	4953	40.91	-63.24	7.00	-56.25	-13	-43.25
6	5778.5	39.48	-65.04	6.93	-58.11	-13	-45.11
7	6604	42.18	-61.55	5.74	-55.81	-13	-42.81
8	7429.5	43.08	-59.54	4.61	-54.93	-13	-41.93
9	8255	47.62	-55.00	2.66	-52.34	-13	-39.34

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26915	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	36.00	-60.51	9.04	-51.48	-13	-38.48
2	2509.5	45.43	-64.57	9.21	-55.36	-13	-42.36
3	3346	35.93	-66.69	8.10	-58.59	-13	-45.59
4	4182.5	40.67	-74.46	5.16	-69.29	-13	-56.29
5	5019	40.00	-62.75	-5.28	-68.03	-13	-55.03
6	5855.5	41.61	-70.22	2.90	-67.33	-13	-54.33
7	6692	45.01	-65.13	-8.52	-73.65	-13	-60.65
8	7528.5	47.28	-50.07	3.70	-46.37	-13	-33.37
9	8365	48.11	-49.24	3.70	-45.54	-13	-32.54
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	35.65	-60.86	9.04	-51.83	-13	-38.83
2	2509.5	38.28	-71.72	9.21	-62.51	-13	-49.51
3	3346	35.22	-67.40	8.10	-59.30	-13	-46.30
4	4182.5	35.81	-79.32	5.16	-74.15	-13	-61.15
5	5019	40.37	-62.38	-5.28	-67.66	-13	-54.66
6	5855.5	39.54	-72.29	2.90	-69.40	-13	-56.40
7	6692	43.68	-66.46	-8.52	-74.98	-13	-61.98
8	7528.5	44.69	-52.66	3.70	-48.96	-13	-35.96
9	8365	47.89	-49.46	3.70	-45.76	-13	-32.76

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 27025	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1695	36.81	-65.71	6.35	-59.36	-13	-46.36
2	2542.5	45.49	-53.30	6.69	-46.61	-13	-33.61
3	3390	37.24	-65.56	7.92	-57.64	-13	-44.64
4	4237.5	41.51	-63.28	7.42	-55.86	-13	-42.86
5	5085	39.49	-64.83	7.02	-57.81	-13	-44.81
6	5932.5	41.02	-63.12	6.88	-56.24	-13	-43.24
7	6780	44.58	-57.18	5.16	-52.02	-13	-39.02
8	7627.5	46.44	-56.18	4.43	-51.75	-13	-38.75
9	8475	47.79	-54.82	4.20	-50.61	-13	-37.61
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1695	35.92	-66.60	6.35	-60.25	-13	-47.25
2	2542.5	39.17	-59.62	6.69	-52.93	-13	-39.93
3	3390	34.72	-68.08	7.92	-60.16	-13	-47.16
4	4237.5	37.03	-67.76	7.42	-60.34	-13	-47.34
5	5085	41.55	-62.77	7.02	-55.75	-13	-42.75
6	5932.5	39.84	-64.30	6.88	-57.42	-13	-44.42
7	6780	42.49	-59.27	5.16	-54.11	-13	-41.11
8	7627.5	43.39	-59.23	4.43	-54.80	-13	-41.80
9	8475	48.04	-54.57	4.20	-50.36	-13	-37.36

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 26: 5MHz

Mode	TX channel 26815	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1653	37.87	-64.86	6.27	-58.59	-13	-45.59
2	2479.5	44.99	-53.28	6.63	-46.65	-13	-33.65
3	3306	37.58	-64.91	7.97	-56.94	-13	-43.94
4	4132.5	41.52	-63.37	7.47	-55.91	-13	-42.91
5	4959	40.83	-63.34	7.00	-56.34	-13	-43.34
6	5785.5	41.82	-62.68	6.92	-55.76	-13	-42.76
7	6612	43.88	-59.79	5.71	-54.07	-13	-41.07
8	7438.5	47.68	-54.94	4.60	-50.34	-13	-37.34
9	8265	46.73	-55.89	4.17	-51.72	-13	-38.72
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1653	35.30	-67.43	6.27	-61.16	-13	-48.16
2	2479.5	39.61	-58.66	6.63	-52.03	-13	-39.03
3	3306	35.93	-66.56	7.97	-58.59	-13	-45.59
4	4132.5	37.09	-67.80	7.47	-60.34	-13	-47.34
5	4959	42.07	-62.10	7.00	-55.10	-13	-42.10
6	5785.5	39.91	-64.59	6.92	-57.67	-13	-44.67
7	6612	42.08	-61.59	5.71	-55.87	-13	-42.87
8	7438.5	43.26	-59.36	4.60	-54.76	-13	-41.76
9	8265	46.57	-56.05	4.17	-51.88	-13	-38.88

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26915	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	36.16	-66.47	6.31	-60.16	-13	-47.16
2	2509.5	44.42	-54.10	6.66	-47.44	-13	-34.44
3	3346	37.11	-65.53	7.95	-57.58	-13	-44.58
4	4182.5	41.28	-63.56	7.44	-56.12	-13	-43.12
5	5019	40.69	-63.57	7.01	-56.56	-13	-43.56
6	5855.5	40.66	-63.48	7.01	-56.47	-13	-43.47
7	6692	43.26	-60.07	5.56	-54.51	-13	-41.51
8	7528.5	47.30	-55.32	4.52	-50.80	-13	-37.80
9	8365	48.15	-54.40	4.19	-50.21	-13	-37.21
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	36.20	-66.43	6.31	-60.12	-13	-47.12
2	2509.5	38.59	-59.93	6.66	-53.27	-13	-40.27
3	3346	35.47	-67.17	7.95	-59.22	-13	-46.22
4	4182.5	36.74	-68.10	7.44	-60.66	-13	-47.66
5	5019	40.43	-63.83	7.01	-56.82	-13	-43.82
6	5855.5	39.54	-64.60	7.01	-57.59	-13	-44.59
7	6692	42.98	-60.35	5.56	-54.79	-13	-41.79
8	7528.5	42.97	-59.65	4.52	-55.13	-13	-42.13
9	8365	48.06	-54.49	4.19	-50.30	-13	-37.30

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 27015	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1693	36.41	-66.11	6.35	-59.76	-13	-46.76
2	2539.5	43.95	-54.84	6.69	-48.15	-13	-35.15
3	3386	35.97	-66.81	7.92	-58.89	-13	-45.89
4	4232.5	39.98	-64.81	7.42	-57.39	-13	-44.39
5	5079	39.43	-64.92	7.03	-57.89	-13	-44.89
6	5925.5	42.21	-61.93	6.90	-55.03	-13	-42.03
7	6772	44.29	-57.46	5.16	-52.29	-13	-39.29
8	7618.5	46.60	-56.02	4.44	-51.58	-13	-38.58
9	8465	47.15	-55.45	4.20	-51.25	-13	-38.25
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1693	35.85	-66.67	6.35	-60.32	-13	-47.32
2	2539.5	39.90	-58.89	6.69	-52.20	-13	-39.20
3	3386	34.73	-68.05	7.92	-60.13	-13	-47.13
4	4232.5	35.86	-68.93	7.42	-61.51	-13	-48.51
5	5079	41.93	-62.42	7.03	-55.39	-13	-42.39
6	5925.5	40.33	-63.81	6.90	-56.91	-13	-43.91
7	6772	42.67	-59.08	5.16	-53.91	-13	-40.91
8	7618.5	44.06	-58.56	4.44	-54.12	-13	-41.12
9	8465	47.60	-55.00	4.20	-50.80	-13	-37.80

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 26: 10MHz

Mode	TX channel 26840	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1658	36.62	-66.08	6.28	-59.80	-13	-46.80
2	2487	44.71	-53.62	6.64	-46.99	-13	-33.99
3	3316	36.38	-66.60	7.58	-59.01	-13	-46.01
4	4145	40.24	-64.64	7.46	-57.18	-13	-44.18
5	4974	39.93	-64.26	7.00	-57.26	-13	-44.26
6	5803	41.32	-63.15	6.91	-56.24	-13	-43.24
7	6632	43.27	-60.31	5.68	-54.64	-13	-41.64
8	7461	47.23	-55.39	4.58	-50.81	-13	-37.81
9	8290	47.82	-54.69	4.18	-50.51	-13	-37.51
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1658	34.47	-68.23	6.28	-61.95	-13	-48.95
2	2487	38.39	-59.94	6.64	-53.31	-13	-40.31
3	3316	35.48	-67.50	7.58	-59.91	-13	-46.91
4	4145	36.47	-68.41	7.46	-60.95	-13	-47.95
5	4974	42.16	-62.03	7.00	-55.03	-13	-42.03
6	5803	40.45	-64.02	6.91	-57.11	-13	-44.11
7	6632	43.73	-59.85	5.68	-54.18	-13	-41.18
8	7461	43.19	-59.43	4.58	-54.85	-13	-41.85
9	8290	48.04	-54.47	4.18	-50.29	-13	-37.29

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26915	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	36.83	-65.80	6.31	-59.49	-13	-46.49
2	2509.5	44.23	-54.29	6.66	-47.63	-13	-34.63
3	3346	36.39	-66.25	7.95	-58.30	-13	-45.30
4	4182.5	40.42	-64.42	7.44	-56.98	-13	-43.98
5	5019	39.77	-64.49	7.01	-57.48	-13	-44.48
6	5855.5	40.42	-63.72	7.01	-56.71	-13	-43.71
7	6692	44.71	-58.62	5.56	-53.06	-13	-40.06
8	7528.5	46.08	-56.54	4.52	-52.02	-13	-39.02
9	8365	47.89	-54.66	4.19	-50.47	-13	-37.47
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	35.05	-67.58	6.31	-61.27	-13	-48.27
2	2509.5	39.28	-59.24	6.66	-52.58	-13	-39.58
3	3346	35.93	-66.71	7.95	-58.76	-13	-45.76
4	4182.5	35.83	-69.01	7.44	-61.57	-13	-48.57
5	5019	41.66	-62.60	7.01	-55.59	-13	-42.59
6	5855.5	38.87	-65.27	7.01	-58.26	-13	-45.26
7	6692	42.34	-60.99	5.56	-55.43	-13	-42.43
8	7528.5	42.96	-59.66	4.52	-55.14	-13	-42.14
9	8365	46.57	-55.98	4.19	-51.79	-13	-38.79

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26990	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1688	36.54	-66.01	6.34	-59.68	-13	-46.68
2	2532	45.35	-53.36	6.68	-46.68	-13	-33.68
3	3376	36.91	-65.84	7.93	-57.91	-13	-44.91
4	4220	41.47	-63.34	7.43	-55.91	-13	-42.91
5	5064	41.05	-63.28	7.02	-56.25	-13	-43.25
6	5908	41.53	-62.61	6.93	-55.68	-13	-42.68
7	6752	44.97	-56.75	5.18	-51.57	-13	-38.57
8	7596	46.36	-56.26	4.46	-51.80	-13	-38.80
9	8440	46.59	-56.00	4.20	-51.80	-13	-38.80
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1688	35.37	-67.18	6.34	-60.85	-13	-47.85
2	2532	39.73	-58.98	6.68	-52.30	-13	-39.30
3	3376	35.39	-67.36	7.93	-59.43	-13	-46.43
4	4220	36.90	-67.91	7.43	-60.48	-13	-47.48
5	5064	42.33	-62.00	7.02	-54.97	-13	-41.97
6	5908	39.72	-64.42	6.93	-57.49	-13	-44.49
7	6752	43.73	-57.99	5.18	-52.81	-13	-39.81
8	7596	43.39	-59.23	4.46	-54.77	-13	-41.77
9	8440	46.57	-56.02	4.20	-51.82	-13	-38.82

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

LTE Band 26: 15MHz

Mode	TX channel 26865	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1663	36.59	-66.11	6.28	-59.83	-13	-46.83
2	2494.5	44.15	-54.18	6.64	-47.55	-13	-34.55
3	3326	37.05	-65.93	7.58	-58.34	-13	-45.34
4	4157.5	41.63	-63.25	7.46	-55.79	-13	-42.79
5	4989	40.26	-63.93	7.00	-56.93	-13	-43.93
6	5820.5	40.67	-63.80	6.91	-56.89	-13	-43.89
7	6652	44.34	-59.24	5.68	-53.57	-13	-40.57
8	7483.5	46.13	-56.49	4.58	-51.91	-13	-38.91
9	8315	48.15	-54.36	4.18	-50.18	-13	-37.18
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1663	35.68	-67.02	6.28	-60.74	-13	-47.74
2	2494.5	39.49	-58.84	6.64	-52.21	-13	-39.21
3	3326	35.59	-67.39	7.58	-59.80	-13	-46.80
4	4157.5	36.52	-68.36	7.46	-60.90	-13	-47.90
5	4989	40.91	-63.28	7.00	-56.28	-13	-43.28
6	5820.5	40.02	-64.45	6.91	-57.54	-13	-44.54
7	6652	43.43	-60.15	5.68	-54.48	-13	-41.48
8	7483.5	44.33	-58.29	4.58	-53.71	-13	-40.71
9	8315	47.39	-55.12	4.18	-50.94	-13	-37.94

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26915	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	35.99	-66.56	6.34	-60.23	-13	-47.23
2	2509.5	44.81	-53.90	6.68	-47.22	-13	-34.22
3	3346	36.15	-66.60	7.93	-58.67	-13	-45.67
4	4182.5	41.80	-63.01	7.43	-55.58	-13	-42.58
5	5019	41.32	-63.01	7.02	-55.98	-13	-42.98
6	5855.5	41.73	-62.41	6.93	-55.48	-13	-42.48
7	6692	44.45	-57.27	5.18	-52.09	-13	-39.09
8	7528.5	46.47	-56.15	4.46	-51.69	-13	-38.69
9	8365	46.51	-56.08	4.20	-51.88	-13	-38.88
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1673	35.07	-67.48	6.34	-61.15	-13	-48.15
2	2509.5	39.06	-59.65	6.68	-52.97	-13	-39.97
3	3346	35.46	-67.29	7.93	-59.36	-13	-46.36
4	4182.5	35.84	-68.97	7.43	-61.54	-13	-48.54
5	5019	41.40	-62.93	7.02	-55.90	-13	-42.90
6	5855.5	38.83	-65.31	6.93	-58.38	-13	-45.38
7	6692	42.16	-59.56	5.18	-54.38	-13	-41.38
8	7528.5	42.96	-59.66	4.46	-55.20	-13	-42.20
9	8365	47.87	-54.72	4.20	-50.52	-13	-37.52

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

Mode	TX channel 26965	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1683	36.89	-65.81	6.28	-59.53	-13	-46.53
2	2524.5	44.31	-54.02	6.64	-47.39	-13	-34.39
3	3366	35.97	-67.01	7.58	-59.42	-13	-46.42
4	4207.5	41.54	-63.34	7.46	-55.88	-13	-42.88
5	5049	39.85	-64.34	7.00	-57.34	-13	-44.34
6	5890.5	41.75	-62.72	6.91	-55.81	-13	-42.81
7	6732	43.37	-60.21	5.68	-54.54	-13	-41.54
8	7573.5	47.32	-55.30	4.58	-50.72	-13	-37.72
9	8415	47.03	-55.48	4.18	-51.30	-13	-38.30
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	1683	35.34	-67.36	6.28	-61.08	-13	-48.08
2	2524.5	40.25	-58.08	6.64	-51.45	-13	-38.45
3	3366	35.19	-67.79	7.58	-60.20	-13	-47.20
4	4207.5	37.68	-67.20	7.46	-59.74	-13	-46.74
5	5049	41.83	-62.36	7.00	-55.36	-13	-42.36
6	5890.5	38.45	-66.02	6.91	-59.11	-13	-46.11
7	6732	44.38	-59.20	5.68	-53.53	-13	-40.53
8	7573.5	42.57	-60.05	4.58	-55.47	-13	-42.47
9	8415	46.26	-56.25	4.18	-52.07	-13	-39.07

Remarks:
1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).
2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix – Information on the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

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

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The address and road map of all our labs can be found in our web site also.

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