FCC Test Report (PART 24)

Report No.:	RF190401E07-3
FCC ID:	NKR-LVSK-ODU
Test Model:	LVSKODU
Received Date:	Apr. 08, 2019
Test Date:	Apr. 22 to May 20, 2019
Issued Date:	June 12, 2019
Applicant:	Wistron NeWeb Corp.
Address:	20 Park Avenue II, Hsinchu Science Park,Hsinchu 308, 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

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Release Control Record

Issue No.	Description	Date Issued
RF190401E07-3	Original release.	June 12, 2019

1 Certificate of Conformity

Product:	LVSKODU
Brand:	WNC
Test Model:	LVSKODU
Sample Status:	ENGINEERING SAMPLE
Applicant:	Wistron NeWeb Corp.
Test Date:	Apr. 22 to May 20, 2019
Standards:	FCC Part 24 Subpart E

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 12, 2019

Claire Kuan / Specialist

Approved by : _____ , **Date:** June 12, 2019

May Chen / Manager

2 Summary of Test Results

Applied Standard: FCC Part 24 & Part 2			
FCC Clause	Test Item	Result	Remarks
2.1046 24.232	Equivalent Isotropically Radiated Power	PASS	Meet the requirement of limit.
2.1046 24.232(d)	Peak To Average Ratio	PASS	Meet the requirement of limit.
2.1047	Modulation characteristics	PASS	Meet the requirement
2.1055 24.235	Frequency Stability	PASS	Meet the requirement of limit.
2.1049 24.238(b)	Occupied Bandwidth	PASS	Meet the requirement of limit.
24.238(b)	Band Edge Measurements	PASS	Meet the requirement of limit.
2.1051 24.238	Conducted Spurious Emissions	PASS	Meet the requirement of limit.
2.1053 24.238	Radiated Spurious Emissions	PASS	Meet the requirement of limit. Minimum passing margin is -43.23dB at 100.95MHz.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

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	4.9 dB
Radiated Emissions above 1 GHz	1GHz ~ 6GHz	5.1 dB
	6GHz ~ 18GHz	4.9 dB
	18GHz ~ 40GHz	5.2 dB

2.2 Test Site and Instruments

For radiated spurious emissions test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Keysight	N9038A	MY54450088	July 05, 2018	July 04, 2019
Pre-Amplifier EMCI	EMC001340	980142	Jan. 25, 2019	Jan. 24, 2020
Loop Antenna Electro-Metrics	EM-6879	269	Sep. 07, 2018	Sep. 06, 2019
RF Cable	NA	LOOPCAB-001	Jan. 14, 2019	Jan. 13, 2020
RF Cable	NA	LOOPCAB-002	Jan. 14, 2019	Jan. 13, 2020
Pre-Amplifier Mini-Circuits	ZFL-1000VH2B	AMP-ZFL-01	Oct. 30, 2018	Oct. 29, 2019
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-406	Nov. 22, 2018	Nov. 21, 2019
RF Cable	8D	966-4-1	Mar. 19, 2019	Mar. 18, 2020
RF Cable	8D	966-4-2	Mar. 19, 2019	Mar. 18, 2020
RF Cable	8D	966-4-3	Mar. 19, 2019	Mar. 18, 2020
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-4-01	Sep. 27, 2018	Sep. 26, 2019
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Nov. 25, 2018	Nov. 24, 2019
Pre-Amplifier EMCI	EMC12630SE	980385	Aug. 16, 2018	Aug. 15, 2019
RF Cable	EMC104-SM-SM-1200	160923	Jan. 28, 2019	Jan. 27, 2020
RF Cable	104 RF cable	131215	Jan. 10, 2019	Jan. 09, 2020
RF Cable	EMC104-SM-SM-6000	180418	May 07, 2018	May 06, 2019
Pre-Amplifier EMCI	EMC184045SE	980387	Jan. 28, 2019	Jan. 27, 2020
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 25, 2018	Nov. 24, 2019
RF Cable	EMC102-KM-KM-1200	160924	Jan. 28, 2019	Jan. 27, 2020
RF Cable	EMC102-KM-KM-1200	160925	Jan. 28, 2019	Jan. 27, 2020
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	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 test was performed in 966 Chamber No. 4.
3. Loop antenna was used for all emissions below 30 MHz.
4. Tested Date: Apr. 22, 2019

For other test items:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	June 20, 2018	June 19, 2019
Spectrum Analyzer Agilent	E4446A	MY48250254	Nov. 14, 2018	Nov. 13, 2019
Power meter Anritsu	ML2495A	1014008	May 13, 2019	May 12, 2020
Power sensor Anritsu	MA2411B	0917122	May 13, 2019	May 12, 2020
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 15, 2019	Apr. 14, 2020
AC Power Source Extech Electronics	6205	1440452	NA	NA
DC Power Supply Topward	6603D	795558	NA	NA
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	Jan. 09, 2019	Jan. 08, 2020
True RMS Clamp Meter FLUKE	325	31130711WS	May 22, 2018	May 21, 2019
ESG Vector signal generator Agilent	E4438C	MY45094468/005 506 602 UK6 UNJ	Nov. 19, 2018	Nov. 18, 2019
Mech Switch Absorptive Mini-Circuits	MSP4TA-18+	0140	Feb. 11, 2019	Feb. 10, 2020
FXD ATTEN Mini-Circuits	BW-S3W2+	MN71981	Feb. 11, 2019	Feb. 10, 2020
Software	ADT_RF Test Software V6.6.5.4	NA	NA	NA

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 20, 2019

3 General Information

3.1 General Description of EUT

Product	LVSKODU		
Brand	WNC		
Test Model	LVSKODU		
Status of EUT	ENGINEERING SAMPLE		
Power Supply Rating	12Vdc from USB interface		
Modulation Type	LTE Band 2		QPSK, 16QAM, 64QAM
Operating Frequency	LTE Band 2		1850.7MHz ~ 1909.3MHz
Max. EIRP Power	LTE Band 2 (Channel Bandwidth 1.4MHz)		SC mode: 27.55dBm CA mode: 24.87dBm
	LTE Band 2 (Channel Bandwidth 3MHz)		SC mode: 27.65dBm CA mode: 24.95dBm
	LTE Band 2 (Channel Bandwidth 5MHz)		SC mode: 27.68dBm CA mode: 24.93dBm
	LTE Band 2 (Channel Bandwidth 10MHz)		SC mode: 27.63dBm CA mode: 24.90dBm
	LTE Band 2 (Channel Bandwidth 15MHz)		SC mode: 27.74dBm CA mode: 25.08dBm
	LTE Band 2 (Channel Bandwidth 20MHz)		SC mode: 27.72dBm CA mode: 24.98dBm
Emission Designator	LTE Band 2 (Channel Bandwidth 1.4MHz)	SC mode	QPSK: 1M09G7D 16QAM: 1M10D7W 64QAW: 1M09D7W
		CA mode	QPSK: 1M10G7D 16QAM: 1M09D7W 64QAW: 1M09D7W
	LTE Band 2 (Channel Bandwidth 3MHz)	SC mode	QPSK: 2M70G7D 16QAM: 2M68D7W 64QAW: 2M70D7W
		CA mode	QPSK: 2M70G7D 16QAM: 2M70D7W 64QAW: 2M68D7W
	LTE Band 2 (Channel Bandwidth 5MHz)	SC mode	QPSK: 4M51G7D 16QAM: 4M51D7W 64QAW: 4M51D7W
		CA mode	QPSK: 4M49G7D 16QAM: 4M52D7W 64QAW: 4M49D7W
	LTE Band 2 (Channel Bandwidth 10MHz)	SC mode	QPSK: 9M00G7D 16QAM: 9M02D7W 64QAW: 8M98D7W
		CA mode	QPSK: 9M02G7D 16QAM: 9M00D7W 64QAW: 8M98D7W

Emission Designator	LTE Band 2 (Channel Bandwidth 15MHz)	SC mode	QPSK: 13M5G7D 16QAM: 13M5D7W 64QAW: 13M5D7W
		CA mode	QPSK: 13M5G7D 16QAM: 13M5D7W 64QAW: 13M5D7W
	LTE Band 2 (Channel Bandwidth 20MHz)	SC mode	QPSK: 18M0G7D 16QAM: 18M0D7W 64QAW: 18M0D7W
		CA mode	QPSK: 18M0G7D 16QAM: 18M0D7W 64QAW: 18M0D7W
Antenna Type	Refer to Note		
Antenna Connector	Refer to Note		
Accessory Device	Refer to Note		
Data Cable Supplied	NA		

Note:

1. The associated devices of EUT information are as below:

For LVSKIDU					
No.	Product	Brand	Model No.	FCC ID	Remark
1	LVSKIDU	WNC	LVSKIDU	NKR-LVSK-IDU	-
2	Adapter	DELTA	ADP-48GR B	-	Input: 100-240Vac, 1A, 50-60Hz AC input cable: Unshielded, 1.7m Output: 12Vdc, 4A DC output cable: Unshielded, 2.9m
3	Battery Cradle	WNC	LVSKCRA	-	Battery Cradle Input: 12Vdc, 4A Battery Cradle Include Battery Battery Output: 3.6Vdc, 3450mAh, 12.42Wh

For LVSKODU				
No.	Product	Brand	Model No.	Remark
4	LVPKROU	WNC	LVPK	Input: 56Vdc, 1.1A (power from POE Adpater)
5	POE Adpater	DELTA	ADP-60HR B	AC Input: 100-240V, 2.0A, 50-60Hz DC Output: 56Vdc, 1.1A AC input cable: Unshielded, 1.7m
6	Surge protection box	CITEL	CRMJ8-POE-C6	Metal case
7	Surge protection box	CITEL	CRMJ8-POE-C6/WNC	Plastic case

2. There are WWAN, 5G NR and Bluetooth technology used for the EUT.
3. Simultaneously transmission condition.

Condition	Technology		
1	WWAN	5G NR (n260/n261)	Bluetooth
Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.			

4. The EUT was pre-tested under the following modes:

For Radiated Emission test	
Pre-test Mode	Description
Mode A	Power from LVSKIDU
Mode B	Power from LVPKROU (with Surge protection box and model No.: CRMJ8-POE-C6)
Mode C	**Power from LVPKROU (with Surge protection box and model No.: CRMJ8-POE-C6/WNC)**
From the above modes, the worst case was found in **Mode C**. Therefore only the test data of the mode was recorded in this report.	

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

LTE					
Ant. No.	Ant. Net Gain (dBi)	Freq. range (MHz)	Ant. Type	Connector Type	Cable Length (mm)
1.ODU-LH1 (Ant. 0)	3.86	746~894	IFA	NA	NA
		1710~2200			
2.ODU-LH2 (Ant. 2)	4.55	746~894	IFA	NA	NA
		1710~2200			
3.ODU-H1 (Ant. 3)	3.58	1710~2200	IFA	i-pex (MHF)	62
4.ODU-H2 (Ant. 4)	2.27	1710~2200	IFA	i-pex (MHF)	66

Bluetooth				
Ant. No.	Ant. Net Gain (dBi)	Freq. range (GHz)	Ant. Type	Connector Type
5.ODU-BT (Ant. 1)	2.69	2.4~2.4835	IFA	NA

5GNR			
Ant. No.	Freq. range (MHz)	Ant. Type	Connector Type
5GNR Antenna	27500~28350 37000~40000	Smart patch array Antenna	NA

6. This device is UE LTE 4G 1Tx/4Rx device for single carrier within ANT0 can support uplink Band 2/4/5/13/66 and device support Inter-Band carrier aggregation (two carriers) uplink. For device operation on uplink CA mode, changed the transmitter mode by 2Tx within ANT0 and ANT2.

7. The device uplink Inter-Band CA maximum configurations set as below :

Mode	Description
1	CA_PCC Ant 0 Band 2_SCC Ant 2 Band 4
2	CA_PCC Ant 0 Band 4_SCC Ant 2 Band 2
3	CA_PCC Ant 2 Band 2_SCC Ant 0 Band 13
4	CA_PCC Ant 0 Band 13_SCC Ant 2 Band 2
5	CA_PCC Ant 0 Band 66_SCC Ant 2 Band 2
6	CA_PCC Ant 0 Band 13_SCC Ant 2 Band 4
7	CA_PCC Ant 2 Band 66_SCC Ant 0 Band 13
8	CA_PCC Ant 2 Band 2_SCC Ant 0 Band 5
9	CA_PCC Ant 0 Band 5_SCC Ant 2 Band 2
10	CA_PCC Ant 2 Band 4_SCC Ant 0 Band 5
11	CA_PCC Ant 0 Band 5_SCC Ant 2 Band 4
12	CA_PCC Ant 2 Band 66_SCC Ant 0 Band 5
Note: Above modes was recorded in another test report.	

8. ANT 2 can support uplink Band 2/4/66 under CA mode, the test mode are presented in the report as below:

Mode	Description
A	single carrier within ANT0 for each band
B	Inter-Band carrier aggregation mode within ANT0 off / ANT2 uplink for Band 2/4/66

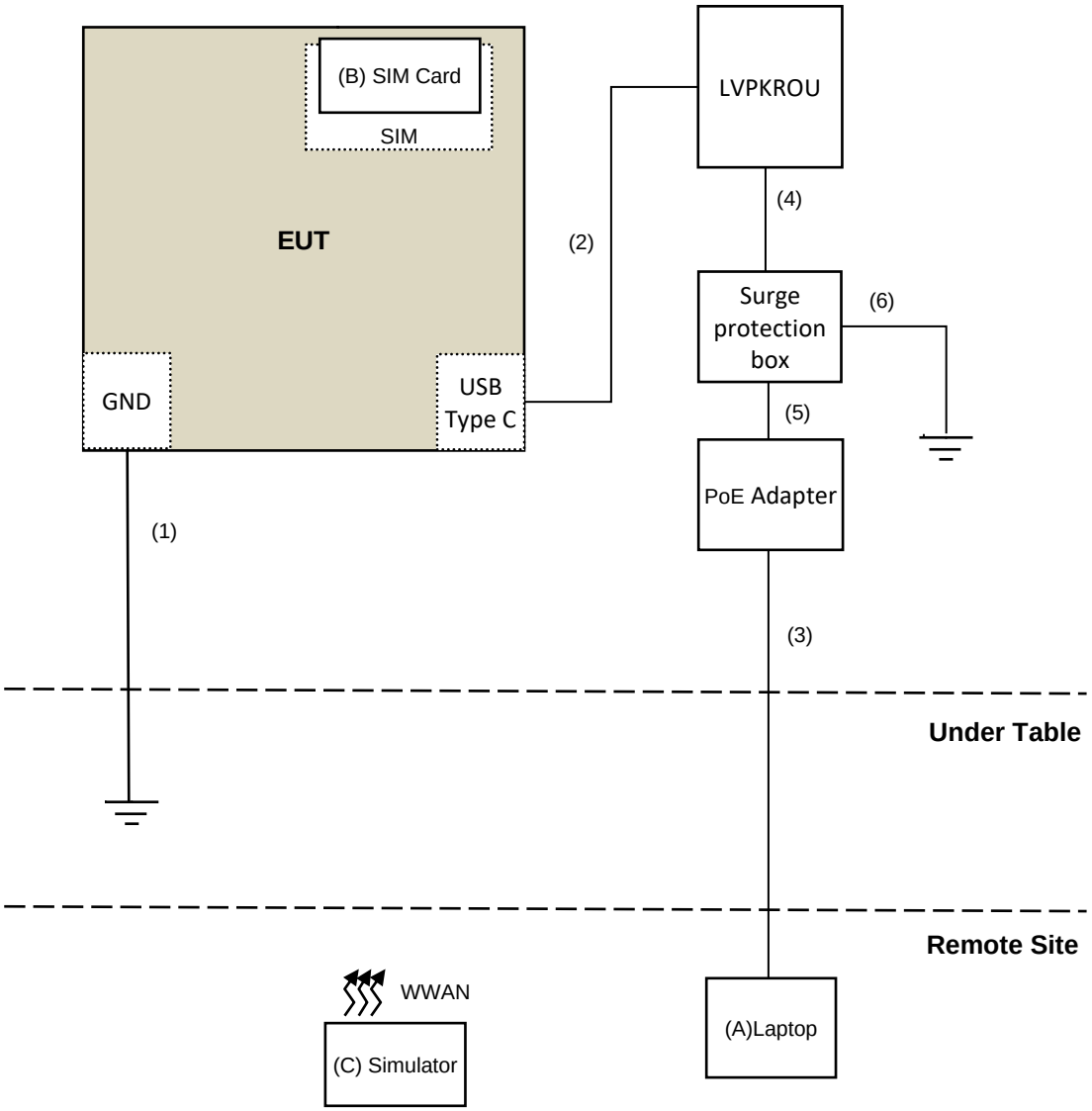
Note:
1. ANT2 only under carrier aggregation mode than have Transmitter Power, not support single carrier mode.
2. Inter-Band CA mode 1-12 will independently evaluate in the other report.

9. This device is LVSKODU that can support carrier aggregation (two carrier) uplink Inter Band contiguous, specification following as below:

Uplink CA Configurations	LTE Bands	Channel Bandwidths for Carrier [MHz]	Maximum Aggregated Bandwidth [MHz]	Bandwidth Combination Set
CA_2A-4A	2	1.4, 3, 5, 10, 15, 20	40	0
	4	5, 10, 15, 20		
	2	5, 10	20	1
	4	5, 10		
	2	5, 10, 15, 20	40	2
	4	5, 10, 15, 20		
CA_2A-13A	2	5, 10, 15, 20	30	0
	13	10		
	2	5, 10	20	1
	13	10		
CA_2A-66A	2	1.4, 3, 5, 10, 15, 20	40	0
	66	5, 10, 15, 20		
	2	5, 10	20	1
	66	5, 10		
	2	5, 10, 15, 20	40	2
	66	5, 10, 15, 20		
CA_4A-13A	4	5, 10, 15, 20	30	0
	13	10		
	4	5, 10	20	1
	13	10		
CA_66A-13A	66	5, 10, 15, 20	30	0
	13	10		
	66	5, 10	20	1
	13	10		
CA_2A-5A	2	5, 10, 15, 20	30	0
	5	5, 10		
	2	5, 10	20	1
	5	5, 10		
CA_4A-5A	4	5, 10	20	0
	5	5, 10		
	4	5, 10, 15, 20	30	1
	5	5, 10		
CA_66A-5A	66	5, 10	20	0
	5	5, 10		
	66	5, 10, 15, 20	30	1
	5	5, 10		

10. 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



3.2.1 Description off 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.	Laptop	DELL	E6420	B92T3R1	FCC DoC	Provided by Lab
B.	SIM Card	NA	NA	NA	NA	Provided by Lab
C.	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.	GND Cable	1	3	No	0	Provided by Lab
2.	USB Type C Cable	1	0.38	No	0	Supplied by client
3.	RJ-45 Cable	1	10	No	0	Provided by Lab
4.	RJ-45 Cable	1	3	Yes	0	Provided by Lab
5.	RJ-45 Cable	1	1	Yes	0	Provided by Lab
6.	GND Cable	1	3	No	0	Provided by Lab

3.3 Test Mode Applicability and Tested Channel Detail

LTE Band 2

Mode A (Ant. 0)

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	18607 to 19193	18607, 18900 19193	1.4MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
Frequency Stability	18607 to 19193	18900	1.4MHz	QPSK	-
	18615 to 19185	18900	3MHz	QPSK	-
	18625 to 19175	18900	5MHz	QPSK	-
	18650 to 19150	18900	10MHz	QPSK	-
	18675 to 19125	18900	15MHz	QPSK	-
	18700 to 19100	18900	20MHz	QPSK	-
Occupied Bandwidth	18607 to 19193	18607, 18900 19193	1.4MHz	QPSK/16QAM/64QAM	Full RB
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK/16QAM/64QAM	Full RB
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK/16QAM/64QAM	Full RB
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK/16QAM/64QAM	Full RB
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK/16QAM/64QAM	Full RB
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK/16QAM/64QAM	Full RB
Peak to Average Ratio	18607 to 19193	18607, 18900 19193	1.4MHz	QPSK/16QAM/64QAM	Full RB
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK/16QAM/64QAM	Full RB
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK/16QAM/64QAM	Full RB
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK/16QAM/64QAM	Full RB
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK/16QAM/64QAM	Full RB
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK/16QAM/64QAM	Full RB
Band Edge	18607 to 19193	18607	1.4MHz	QPSK	1 RB / 0 RB Offset
		19193			1 RB / 5 RB Offset
		18607, 19193			6 RB / 0 RB Offset
	18615 to 19185	18615	3MHz	QPSK	1 RB / 0 RB Offset
		19185			1 RB / 14 RB Offset
		18615, 19185			15 RB / 0 RB Offset
	18625 to 19175	18625,	5MHz	QPSK	1 RB / 0 RB Offset
		19175			1 RB / 24 RB Offset
		18625, 19175			25 RB / 0 RB Offset
	18650 to 19150	18650	10MHz	QPSK	1 RB / 0 RB Offset
		19150			1 RB / 49 RB Offset
		18650, 19150			50 RB / 0 RB Offset
	18675 to 19125	18675,	15MHz	QPSK	1 RB / 0 RB Offset
		19125			1 RB / 74 RB Offset
		18675, 19125			75 RB / 0 RB Offset
	18700 to 19100	18700.	20MHz	QPSK	1 RB / 0 RB Offset
		19100			1 RB / 99 RB Offset
		18700. 19100			100 RB / 0 RB Offset
Conducted Emission	18607 to 19193	18607, 18900 19193	1.4MHz	QPSK	1 RB / 0 RB Offset
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK	1 RB / 0 RB Offset
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK	1 RB / 0 RB Offset
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK	1 RB / 0 RB Offset
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK	1 RB / 0 RB Offset
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK	1 RB / 0 RB Offset

Radiated Emission	18607 to 19193	18607, 18900 19193	1.4MHz	QPSK	1 RB / 0 RB Offset
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK	1 RB / 0 RB Offset
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK	1 RB / 0 RB Offset
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK	1 RB / 0 RB Offset
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK	1 RB / 0 RB Offset
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK	1 RB / 0 RB Offset

Mode B (Ant. 2)

TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
EIRP	18607 to 19193	18607, 18900 19193	1.4MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK/16QAM/64QAM	1RB / 0 RB offset
Frequency Stability	18607 to 19193	18900	1.4MHz	QPSK	-
	18615 to 19185	18900	3MHz	QPSK	-
	18625 to 19175	18900	5MHz	QPSK	-
	18650 to 19150	18900	10MHz	QPSK	-
	18675 to 19125	18900	15MHz	QPSK	-
	18700 to 19100	18900	20MHz	QPSK	-
Occupied Bandwidth	18607 to 19193	18607, 18900 19193	1.4MHz	QPSK/16QAM/64QAM	Full RB
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK/16QAM/64QAM	Full RB
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK/16QAM/64QAM	Full RB
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK/16QAM/64QAM	Full RB
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK/16QAM/64QAM	Full RB
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK/16QAM/64QAM	Full RB
Peak to Average Ratio	18607 to 19193	18607, 18900 19193	1.4MHz	QPSK/16QAM/64QAM	Full RB
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK/16QAM/64QAM	Full RB
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK/16QAM/64QAM	Full RB
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK/16QAM/64QAM	Full RB
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK/16QAM/64QAM	Full RB
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK/16QAM/64QAM	Full RB
Band Edge	18607 to 19193	18607	1.4MHz	QPSK	1 RB / 0 RB Offset
		19193			1 RB / 5 RB Offset
		18607, 19193			6 RB / 0 RB Offset
	18615 to 19185	18615	3MHz	QPSK	1 RB / 0 RB Offset
		19185			1 RB / 14 RB Offset
		18615, 19185			15 RB / 0 RB Offset
	18625 to 19175	18625,	5MHz	QPSK	1 RB / 0 RB Offset
		19175			1 RB / 24 RB Offset
		18625, 19175			25 RB / 0 RB Offset
	18650 to 19150	18650	10MHz	QPSK	1 RB / 0 RB Offset
		19150			1 RB / 49 RB Offset
		18650, 19150			50 RB / 0 RB Offset
	18675 to 19125	18675,	15MHz	QPSK	1 RB / 0 RB Offset
		19125			1 RB / 74 RB Offset
		18675, 19125			75 RB / 0 RB Offset
	18700 to 19100	18700.	20MHz	QPSK	1 RB / 0 RB Offset
		19100			1 RB / 99 RB Offset
		18700. 19100			100 RB / 0 RB Offset
Conducted Emission	18607 to 19193	18607, 18900 19193	1.4MHz	QPSK	1 RB / 0 RB Offset
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK	1 RB / 0 RB Offset
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK	1 RB / 0 RB Offset
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK	1 RB / 0 RB Offset
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK	1 RB / 0 RB Offset
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK	1 RB / 0 RB Offset
Radiated Emission	18607 to 19193	18607, 18900 19193	1.4MHz	QPSK	1 RB / 0 RB Offset
	18615 to 19185	18615, 18900, 19185	3MHz	QPSK	1 RB / 0 RB Offset
	18625 to 19175	18625, 18900, 19175	5MHz	QPSK	1 RB / 0 RB Offset
	18650 to 19150	18650, 18900, 19150	10MHz	QPSK	1 RB / 0 RB Offset
	18675 to 19125	18675, 18900, 19125	15MHz	QPSK	1 RB / 0 RB Offset
	18700 to 19100	18700, 18900, 19100	20MHz	QPSK	1 RB / 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
EIRP	25deg. C, 63%RH	120Vac, 60Hz	Jyunchun Lin
Frequency Stability	25deg. C, 63%RH	120Vac, 60Hz	Jyunchun Lin
Occupied Bandwidth	25deg. C, 63%RH	120Vac, 60Hz	Jyunchun Lin
Band Edge	25deg. C, 63%RH	120Vac, 60Hz	Jyunchun Lin
Peak to Average Ratio	25deg. C, 63%RH	120Vac, 60Hz	Jyunchun Lin
Condcudeted Emission	25deg. C, 63%RH	120Vac, 60Hz	Jyunchun Lin
Radiated Emission Below 1GHz	25deg. C, 75%RH	120Vac, 60Hz	James Chan
Radiated Emission Above 1GHz	25deg. C, 75%RH	120Vac, 60Hz	James Chan

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 24 Subpart E

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 2 watts e.i.r.p.

4.1.2 Test Procedures

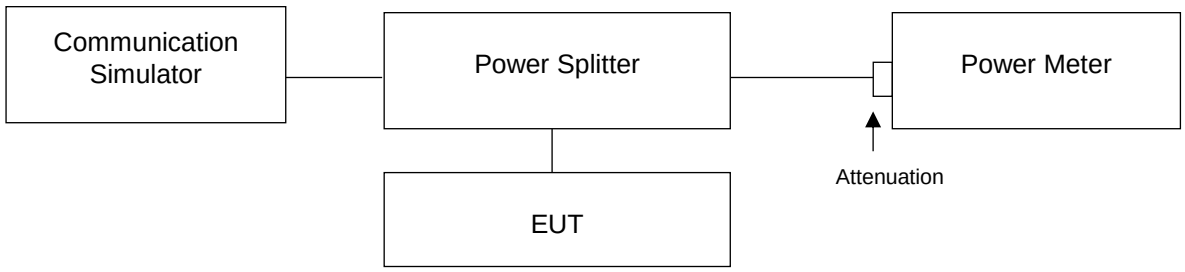
Conducted Power Measurement:

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 Measurement:

a. EIRP = Conducted Output power level + Antenna gain.

4.1.3 Test Setup



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

4.1.4 Test Results (Mode A)

CONDUCTED OUTPUT POWER (dBm)

LTE Band 2

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	
			18607	18900	19193		18607	18900	19193		18607	18900	19193	
			1850.7	1880	1909.3		1850.7	1880	1909.3		1850.7	1880	1909.3	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 1.4M	1	0	23.60	23.66	23.69	0	22.30	22.42	22.45	1	21.55	21.48	21.54	2
	1	2	23.52	23.53	23.62	0	22.23	22.37	22.53	1	21.52	21.55	21.49	2
	1	5	23.46	23.58	23.64	0	22.18	22.48	22.44	1	21.47	21.56	21.51	2
	3	0	23.48	23.43	23.62	0	22.22	22.37	22.57	1	21.63	21.58	21.57	2
	3	1	23.51	23.49	22.75	0	22.31	22.53	22.60	1	21.59	21.64	21.55	2
	3	3	23.58	23.55	23.59	0	22.35	22.47	22.62	1	21.62	21.60	21.59	2
	6	0	22.48	22.45	22.44	1	21.40	21.38	21.56	2	20.58	20.61	20.53	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	
			18615	18900	19185		18615	18900	19185		18615	18900	19185	
			1851.5	1880	1908.5		1851.5	1880	1908.5		1851.5	1880	1908.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 3M	1	0	23.57	23.55	23.79	0	22.51	22.18	22.60	1	21.48	21.62	21.59	2
	1	7	23.52	23.47	23.78	0	22.57	22.24	22.64	1	21.54	21.66	21.56	2
	1	14	23.51	23.50	23.56	0	22.66	22.20	22.58	1	21.44	21.53	21.48	2
	8	0	22.57	22.43	22.53	1	21.45	21.35	21.67	2	20.61	20.47	20.45	3
	8	3	22.52	22.54	22.52	1	21.47	21.36	21.62	2	20.59	20.39	20.47	3
	8	7	22.55	22.49	22.66	1	21.52	21.41	21.66	2	20.52	20.46	20.49	3
	15	0	22.56	22.48	22.71	1	21.53	21.68	21.69	2	20.55	20.51	20.53	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	
			18625	18900	19175		18625	18900	19175		18625	18900	19175	
			1852.5	1880	1907.5		1852.5	1880	1907.5		1852.5	1880	1907.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 5M	1	0	23.59	23.61	23.82	0	21.55	22.52	22.37	1	21.50	21.58	21.62	2
	1	12	23.75	23.64	23.81	0	22.22	22.54	22.52	1	21.55	21.60	21.66	2
	1	24	23.58	23.63	23.74	0	22.29	22.56	22.59	1	21.49	21.56	21.61	2
	12	0	22.52	23.28	22.61	1	21.58	21.41	21.63	2	20.52	20.62	20.58	3
	12	6	22.59	22.51	22.68	1	21.50	21.45	21.61	2	20.49	20.56	20.60	3
	12	13	22.52	22.55	22.66	1	21.49	21.53	21.60	2	20.63	20.64	20.61	3
	25	0	22.55	22.49	22.62	1	21.56	21.57	21.56	2	20.54	20.61	20.55	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	
			18650	18900	19150		18650	18900	19150		18650	18900	19150	
			1855	1880	1905		1855	1880	1905		1855	1880	1905	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 10M	1	0	23.58	23.77	23.63	0	22.44	22.49	22.67	1	21.60	21.64	21.58	2
	1	24	23.30	23.44	23.63	0	22.53	22.58	22.62	1	21.55	21.62	21.60	2
	1	49	23.51	23.76	23.56	0	22.66	22.12	22.58	1	21.58	21.61	21.64	2
	25	0	22.48	23.59	22.61	1	21.56	21.47	21.54	2	20.61	20.55	20.48	3
	25	12	22.48	22.38	22.59	1	21.64	21.59	21.56	2	20.52	20.48	20.46	3
	25	25	22.49	22.45	22.51	1	21.57	21.52	21.57	2	20.54	20.50	20.59	3
	50	0	22.52	22.45	23.65	1	21.57	21.54	21.60	2	20.61	20.59	20.64	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	
			18675	18900	19125		18675	18900	19125		18675	18900	19125	
			1857.5	1880	1902.5		1857.5	1880	1902.5		1857.5	1880	1902.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 15M	1	0	23.61	23.58	23.88	0	21.65	22.67	22.61	1	21.65	21.62	21.69	2
	1	37	23.69	23.59	23.81	0	22.32	22.28	22.62	1	21.59	21.60	21.64	2
	1	74	23.75	23.66	23.87	0	22.45	22.61	22.60	1	21.62	21.55	21.66	2
	36	0	22.56	22.49	22.78	1	21.52	21.28	21.65	2	20.48	20.59	20.62	3
	36	19	22.65	22.52	22.85	1	21.65	21.31	21.64	2	20.54	20.64	20.58	3
	36	39	22.59	22.68	22.75	1	21.67	21.39	21.67	2	20.59	20.55	20.61	3
	75	0	22.55	22.62	22.63	1	21.58	21.60	21.64	2	20.60	20.49	20.59	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	
			18700	18900	19100		18700	18900	19100		18700	18900	19100	
			1860	1880	1900		1860	1880	1900		1860	1880	1900	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 20M	1	0	23.60	23.67	23.86	0	22.37	22.40	22.50	1	21.58	21.62	21.70	2
	1	50	23.64	23.68	23.81	0	22.25	22.41	22.63	1	21.62	21.65	21.66	2
	1	99	23.56	23.58	22.73	0	22.55	22.43	22.61	1	21.64	21.66	21.69	2
	50	0	22.47	22.55	22.76	1	21.67	21.58	21.69	2	20.58	20.61	20.49	3
	50	25	22.61	22.59	22.65	1	21.64	21.69	21.71	2	20.60	20.55	20.61	3
	50	50	22.63	22.68	22.60	1	21.61	21.68	21.56	2	20.49	20.56	20.58	3
	100	0	22.55	22.58	22.57	1	21.63	21.60	21.81	2	20.55	20.61	20.55	3

EIRP POWER

LTE Band 2

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	
			18607	18900	19193		18607	18900	19193		18607	18900	19193	
			1850.7	1880	1909.3		1850.7	1880	1909.3		1850.7	1880	1909.3	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 1.4M	1	0	23.60	23.66	23.69	0	22.30	22.42	22.45	1	21.55	21.48	21.54	2
Gain (dBi)			3.86	3.86	3.86		3.86	3.86	3.86		3.86	3.86	3.86	
Max EIRP Power (dBm)			27.46	27.52	27.55		26.16	26.28	26.31		25.41	25.34	25.40	

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	
			18615	18900	19185		18615	18900	19185		18615	18900	19185	
			1851.5	1880	1908.5		1851.5	1880	1908.5		1851.5	1880	1908.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 3M	1	0	23.57	23.55	23.79	0	22.51	22.18	22.60	1	21.48	21.62	21.59	2
Gain (dBi)			3.86	3.86	3.86		3.86	3.86	3.86		3.86	3.86	3.86	
Max EIRP Power (dBm)			27.43	27.41	27.65		26.37	26.04	26.46		25.34	25.48	25.45	

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	
			18625	18900	19175		18625	18900	19175		18625	18900	19175	
			1852.5	1880	1907.5		1852.5	1880	1907.5		1852.5	1880	1907.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 5M	1	0	23.59	23.61	23.82	0	21.55	22.52	22.37	1	21.50	21.58	21.62	2
Gain (dBi)			3.86	3.86	3.86		3.86	3.86	3.86		3.86	3.86	3.86	
Max EIRP Power (dBm)			27.45	27.47	27.68		25.41	26.38	26.23		25.36	25.44	25.48	

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	
			18650	18900	19150		20000	20175	20350		20000	20175	20350	
			1855	1880	1905		1715	1732.5	1750		1715	1732.5	1750	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 10M	1	0	23.58	23.77	23.63	0	22.44	22.49	22.67	1	21.60	21.64	21.58	2
Gain (dBi)			3.86	3.86	3.86		3.86	3.86	3.86		3.86	3.86	3.86	
Max EIRP Power (dBm)			27.44	27.63	27.49		26.30	26.35	26.53		25.46	25.50	25.44	

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	
			18675	18900	19125		18675	18900	19125		18675	18900	19125	
			1857.5	1880	1902.5		1857.5	1880	1902.5		1857.5	1880	1902.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 15M	1	0	23.61	23.58	23.88	0	21.65	22.67	22.61	1	21.65	21.62	21.69	2
Gain (dBi)			3.86	3.86	3.86		3.86	3.86	3.86		3.86	3.86	3.86	
Max EIRP Power (dBm)			27.47	27.44	27.74		25.51	26.53	26.47		25.51	25.48	25.55	

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	
			18700	18900	19100		18700	18900	19100		18700	18900	19100	
			1860	1880	1900		1860	1880	1900		1860	1880	1900	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 20M	1	0	23.60	23.67	23.86	0	22.37	22.40	22.50	1	21.58	21.62	21.70	2
Gain (dBi)			3.86	3.86	3.86		3.86	3.86	3.86		3.86	3.86	3.86	
Max EIRP Power (dBm)			27.46	27.53	27.72		26.23	26.26	26.36		25.44	25.48	25.56	

4.1.5 Test Results (Mode B)

CONDUCTED OUTPUT POWER (dBm)

LTE Band 2

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	
			18607	18900	19193		18607	18900	19193		18607	18900	19193	
			1850.7	1880	1909.3		1850.7	1880	1909.3		1850.7	1880	1909.3	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 1.4M	1	0	20.32	20.24	19.95	0	19.40	19.19	18.97	1	18.32	18.33	17.90	2
	1	2	20.24	20.31	19.94	0	19.32	19.41	18.97	1	18.28	18.44	18.07	2
	1	5	20.15	20.23	19.79	0	19.09	19.10	18.94	1	18.07	18.16	17.68	2
	3	0	20.11	20.09	19.85	0	19.24	19.10	18.87	1	18.24	18.11	17.83	2
	3	1	20.17	20.09	19.91	0	19.09	19.02	18.98	1	18.32	18.11	17.88	2
	3	3	20.12	20.04	19.77	0	19.07	18.90	18.87	1	18.22	18.03	17.87	2
	6	0	18.43	19.10	18.75	1	17.45	18.11	17.90	2	16.50	17.14	16.71	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	
			18615	18900	19185		18615	18900	19185		18615	18900	19185	
			1851.5	1880	1908.5		1851.5	1880	1908.5		1851.5	1880	1908.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 3M	1	0	20.20	20.40	20.02	0	19.06	19.29	18.88	1	18.19	18.35	17.99	2
	1	7	20.27	20.27	20.04	0	19.20	19.19	19.03	1	18.41	18.18	18.18	2
	1	14	20.26	20.39	20.01	0	19.36	19.38	18.91	1	18.12	18.45	18.07	2
	8	0	19.22	19.23	20.06	1	18.34	18.29	19.17	2	17.20	17.29	17.91	3
	8	3	19.21	19.28	18.96	1	18.22	18.16	17.86	2	17.32	17.26	16.91	3
	8	7	19.20	19.28	18.91	1	18.18	18.41	17.96	2	17.31	17.17	16.99	3
	15	0	19.23	19.24	18.87	1	18.12	18.30	17.75	2	17.10	17.13	16.81	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	
			18625	18900	19175		18625	18900	19175		18625	18900	19175	
			1852.5	1880	1907.5		1852.5	1880	1907.5		1852.5	1880	1907.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 5M	1	0	20.26	20.38	20.19	0	19.41	19.29	19.22	1	18.36	18.35	18.21	2
	1	12	20.33	20.36	20.15	0	19.22	19.42	19.22	1	18.44	18.47	18.05	2
	1	24	20.26	20.33	20.02	0	19.17	19.35	19.12	1	18.38	18.36	17.95	2
	12	0	19.22	19.26	19.00	1	18.28	18.38	17.93	2	17.19	17.13	17.07	3
	12	6	19.21	19.29	18.94	1	18.24	18.37	17.86	2	17.15	17.24	16.85	3
	12	13	19.23	19.24	18.96	1	18.35	18.21	17.94	2	17.22	17.17	16.87	3
	25	0	19.19	19.21	18.93	1	18.30	18.26	17.93	2	17.32	17.10	16.93	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	
			18650	18900	19150		18650	18900	19150		18650	18900	19150	
			1855	1880	1905		1855	1880	1905		1855	1880	1905	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 10M	1	0	20.15	20.35	20.24	0	19.21	19.21	19.10	1	18.08	18.42	18.18	2
	1	24	20.23	20.34	20.23	0	19.35	19.37	19.31	1	18.26	18.48	18.08	2
	1	49	20.01	20.19	20.04	0	19.05	19.09	18.92	1	18.04	18.05	18.10	2
	25	0	19.17	19.27	19.12	1	18.08	18.18	18.01	2	17.31	17.27	17.07	3
	25	12	19.21	19.24	19.13	1	18.31	18.20	18.16	2	17.33	17.20	17.06	3
	25	25	19.12	19.20	19.02	1	18.20	18.28	18.05	2	17.16	17.32	16.96	3
	50	0	19.14	19.22	19.03	1	18.23	18.22	17.93	2	17.24	17.35	16.93	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	
			18675	18900	19125		18675	18900	19125		18675	18900	19125	
			1857.5	1880	1902.5		1857.5	1880	1902.5		1857.5	1880	1902.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 15M	1	0	20.42	20.53	20.27	0	19.33	19.44	19.27	1	18.40	18.46	18.34	2
	1	37	20.31	20.46	20.26	0	19.18	19.46	19.25	1	18.25	18.50	18.38	2
	1	74	20.41	20.32	20.13	0	19.40	19.45	19.24	1	18.44	18.33	18.04	2
	36	0	19.27	19.32	19.22	1	18.22	18.31	18.17	2	17.13	17.27	17.23	3
	36	19	19.24	19.39	19.26	1	18.25	18.53	18.38	2	17.11	17.50	17.27	3
	36	39	19.33	19.34	19.18	1	18.33	18.44	18.22	2	17.24	17.33	17.17	3
	75	0	19.30	19.39	19.23	1	18.45	18.39	18.27	2	17.38	17.53	17.12	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	
			18700	18900	19100		18700	18900	19100		18700	18900	19100	
			1860	1880	1900		1860	1880	1900		1860	1880	1900	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 20M	1	0	20.39	20.43	20.18	0	19.37	19.44	19.07	1	18.30	18.43	18.16	2
	1	50	20.23	20.42	20.28	0	19.20	19.53	19.25	1	18.34	18.49	18.35	2
	1	99	20.42	20.18	20.17	0	19.39	19.11	19.31	1	18.37	18.20	18.28	2
	50	0	19.24	19.33	19.17	1	18.38	18.24	18.10	2	17.14	17.46	17.20	3
	50	25	19.27	19.30	19.22	1	18.35	18.17	18.30	2	17.40	17.35	17.16	3
	50	50	19.42	19.23	19.11	1	18.48	18.35	18.06	2	17.32	17.22	16.98	3
	100	0	19.31	19.31	19.17	1	18.33	18.36	18.11	2	17.40	17.39	17.25	3

EIRP POWER

LTE Band 2

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	
			18607	18900	19193		18607	18900	19193		18607	18900	19193	
			1850.7	1880	1909.3		1850.7	1880	1909.3		1850.7	1880	1909.3	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 1.4M	1	0	20.32	20.24	19.95	0	19.40	19.19	18.97	1	18.32	18.33	17.90	2
Gain (dBi)			4.55	4.55	4.55		4.55	4.55	4.55		4.55	4.55	4.55	
Max EIRP Power (dBm)			24.87	24.79	24.50		23.95	23.74	23.52		22.87	22.88	22.45	

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	
			18615	18900	19185		18615	18900	19185		18615	18900	19185	
			1851.5	1880	1908.5		1851.5	1880	1908.5		1851.5	1880	1908.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 3M	1	0	20.20	20.40	20.02	0	19.06	19.29	18.88	1	18.19	18.35	17.99	2
Gain (dBi)			4.55	4.55	4.55		4.55	4.55	4.55		4.55	4.55	4.55	
Max EIRP Power (dBm)			24.75	24.95	24.57		23.61	23.84	23.43		22.74	22.90	22.54	

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	
			18625	18900	19175		18625	18900	19175		18625	18900	19175	
			1852.5	1880	1907.5		1852.5	1880	1907.5		1852.5	1880	1907.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 5M	1	0	20.26	20.38	20.19	0	19.41	19.29	19.22	1	18.36	18.35	18.21	2
Gain (dBi)			4.55	4.55	4.55		4.55	4.55	4.55		4.55	4.55	4.55	
Max EIRP Power (dBm)			24.81	24.93	24.74		23.96	23.84	23.77		22.91	22.90	22.76	

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	
			18650	18900	19150		20000	20175	20350		20000	20175	20350	
			1855	1880	1905		1715	1732.5	1750		1715	1732.5	1750	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 10M	1	0	20.15	20.35	20.24	0	19.21	19.21	19.10	1	18.08	18.42	18.18	2
Gain (dBi)			4.55	4.55	4.55		4.55	4.55	4.55		4.55	4.55	4.55	
Max EIRP Power (dBm)			24.70	24.90	24.79		23.76	23.76	23.65		22.63	22.97	22.73	

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	
			18675	18900	19125		18675	18900	19125		18675	18900	19125	
			1857.5	1880	1902.5		1857.5	1880	1902.5		1857.5	1880	1902.5	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 15M	1	0	20.42	20.53	20.27	0	19.33	19.44	19.27	1	18.40	18.46	18.34	2
Gain (dBi)			4.55	4.55	4.55		4.55	4.55	4.55		4.55	4.55	4.55	
Max EIRP Power (dBm)			24.97	25.08	24.82		23.88	23.99	23.82		22.95	23.01	22.89	

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	
			18700	18900	19100		18700	18900	19100		18700	18900	19100	
			1860	1880	1900		1860	1880	1900		1860	1880	1900	
			MHz	MHz	MHz		MHz	MHz	MHz		MHz	MHz	MHz	
2 / 20M	1	0	20.39	20.43	20.18	0	19.37	19.44	19.07	1	18.30	18.43	18.16	2
Gain (dBi)			4.55	4.55	4.55		4.55	4.55	4.55		4.55	4.55	4.55	
Max EIRP Power (dBm)			24.94	24.98	24.73		23.92	23.99	23.62		22.85	22.98	22.71	

4.2 Modulation characteristics Measurement

4.2.1 Limits of Modulation characteristics

N/A

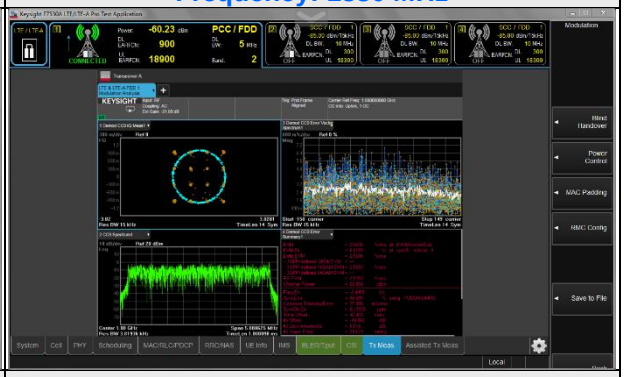
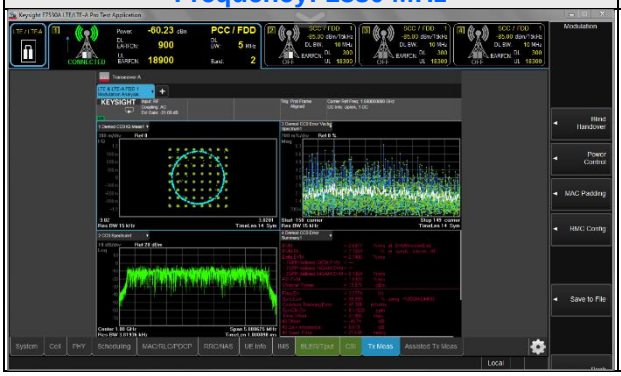
4.2.2 Test Procedure

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 2

QPSK / Channel Bandwidth: 20MHz / Frequency: 1880 MHz	16QAM / Channel Bandwidth: 20MHz / Frequency: 1880 MHz
	
64QAM / Channel Bandwidth: 20MHz / Frequency: 1880 MHz	
	

4.3 Frequency Stability Measurement

4.3.1 Limits of Frequency Stabiliity Measurement

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

4.3.2 Test Procedure

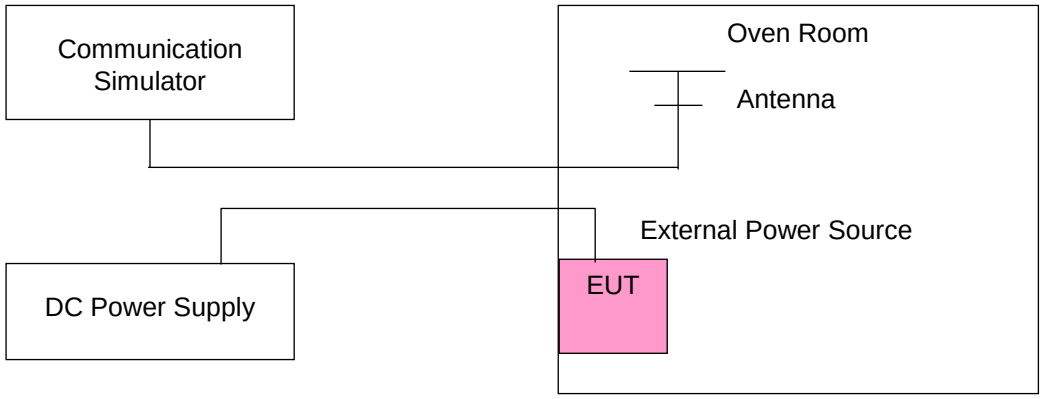
a. Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.

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 (Mode A)

LTE Band 2

Frequency Error vs. Voltage

Voltage (Volts)	Frequency Error (MHz)												Limit (MHz)	
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz			
	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low Edge	High Edge
2.805	1850.18	1909.78	1850.11	1909.82	1852.50	1907.45	1850.49	1909.38	1850.75	1909.13	1850.95	1908.89	1850	1910
3.795	1850.16	1909.80	1850.24	1909.78	1852.56	1907.49	1850.46	1909.45	1850.86	1909.22	1851.01	1908.89	1850	1910

Frequency Error vs. Temperature

Temp. (℃)	Frequency Error (MHz)												Limit (MHz)	
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz			
	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low Edge	High Edge
50	1850.21	1909.80	1850.11	1909.89	1852.56	1907.58	1850.57	1909.47	1850.73	1909.27	1850.99	1908.95	1850	1910
40	1850.12	1909.85	1850.17	1909.90	1852.48	1907.58	1850.46	1909.57	1850.84	1909.21	1851.12	1908.97	1850	1910
30	1850.18	1909.83	1850.14	1909.78	1852.42	1907.51	1850.56	1909.50	1850.85	1909.29	1851.05	1908.93	1850	1910
20	1850.08	1909.87	1850.14	1909.92	1852.41	1907.44	1850.51	1909.45	1850.79	1909.26	1851.03	1908.94	1850	1910
10	1850.16	1909.80	1850.14	1909.83	1852.58	1907.54	1850.61	1909.57	1850.83	1909.15	1851.08	1908.99	1850	1910
0	1850.11	1909.92	1850.07	1909.92	1852.46	1907.53	1850.54	1909.46	1850.74	1909.27	1850.97	1909.01	1850	1910
-10	1850.06	1909.81	1850.23	1909.86	1852.55	1907.57	1850.60	1909.45	1850.81	1909.27	1851.10	1909.04	1850	1910
-20	1850.12	1909.79	1850.22	1909.92	1852.49	1907.47	1850.54	1909.43	1850.71	1909.19	1850.99	1908.88	1850	1910
-30	1850.11	1909.92	1850.20	1909.80	1852.57	1907.59	1850.53	1909.47	1850.72	1909.22	1851.13	1908.86	1850	1910

4.3.5 Test Results (Mode B)

LTE Band 2

Frequency Error vs. Voltage

Voltage (Volts)	Frequency Error (MHz)												Limit (MHz)	
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz			
	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low Edge	High Edge
2.805	1850.09	1909.83	1850.12	1909.79	1852.53	1907.45	1850.57	1909.50	1850.85	1909.18	1851.10	1908.87	1850	1910
3.795	1850.18	1909.91	1850.18	1909.85	1852.53	1907.42	1850.46	1909.40	1850.86	1909.29	1851.02	1908.94	1850	1910

Frequency Error vs. Temperature

Temp. (℃)	Frequency Error (MHz)												Limit (MHz)	
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz			
	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low Edge	High Edge
50	1850.19	1909.84	1850.20	1909.92	1852.50	1907.41	1850.54	1909.52	1850.75	1909.15	1851.08	1908.95	1850	1910
40	1850.25	1909.86	1850.15	1909.77	1852.49	1907.47	1850.58	1909.57	1850.83	1909.24	1851.00	1908.95	1850	1910
30	1850.18	1909.86	1850.20	1909.78	1852.53	1907.59	1850.53	1909.46	1850.84	1909.13	1851.03	1908.96	1850	1910
20	1850.06	1909.78	1850.14	1909.76	1852.55	1907.49	1850.56	1909.38	1850.72	1909.24	1851.04	1908.91	1850	1910
10	1850.25	1909.86	1850.09	1909.83	1852.46	1907.53	1850.42	1909.51	1850.87	1909.19	1851.10	1909.04	1850	1910
0	1850.17	1909.78	1850.15	1909.80	1852.42	1907.59	1850.50	1909.47	1850.83	1909.17	1851.09	1909.04	1850	1910
-10	1850.14	1909.82	1850.08	1909.82	1852.59	1907.43	1850.61	1909.48	1850.76	1909.22	1851.08	1909.03	1850	1910
-20	1850.22	1909.87	1850.06	1909.76	1852.47	1907.53	1850.55	1909.46	1850.86	1909.26	1851.01	1909.02	1850	1910
-30	1850.20	1909.89	1850.12	1909.85	1852.48	1907.46	1850.58	1909.50	1850.71	1909.16	1851.00	1908.90	1850	1910

4.4 Occupied Bandwidth Measurement

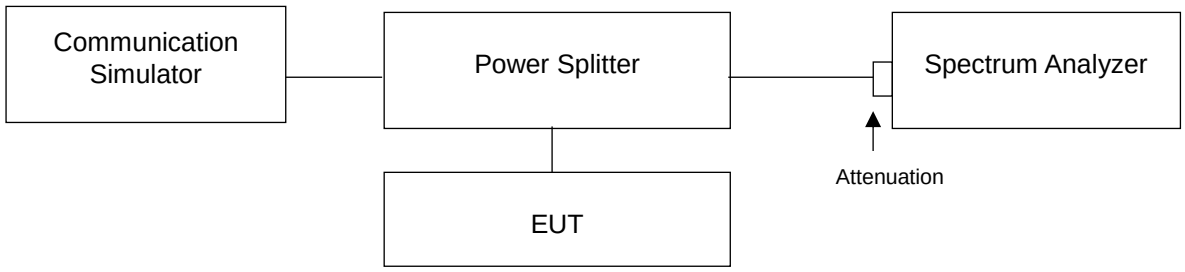
4.4.1 Test Procedure

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.

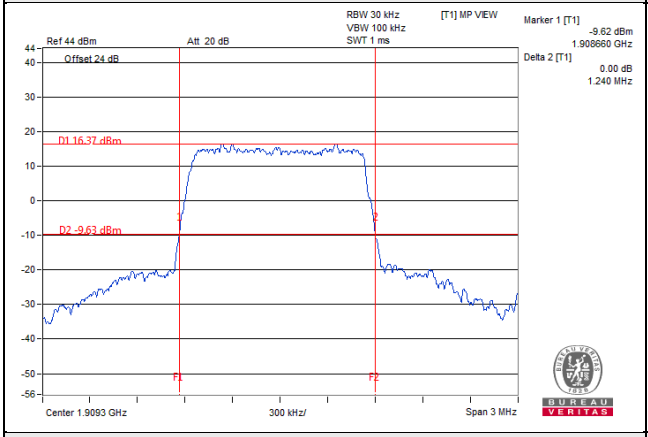
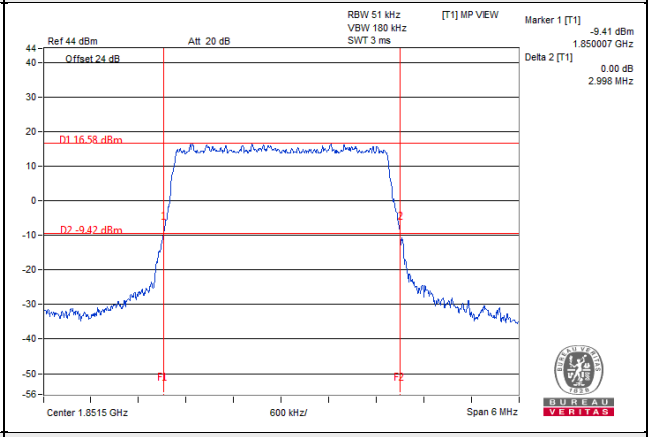
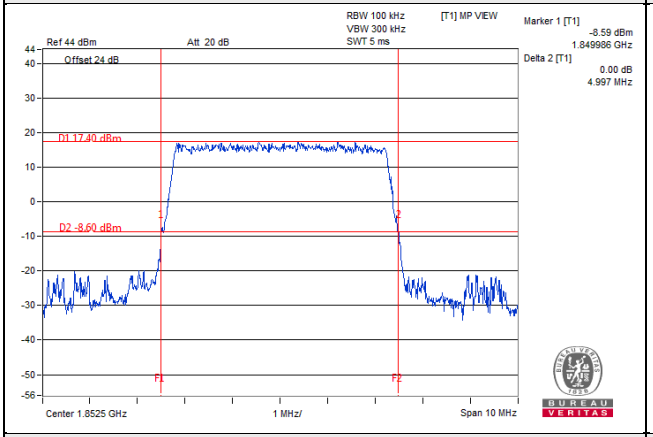
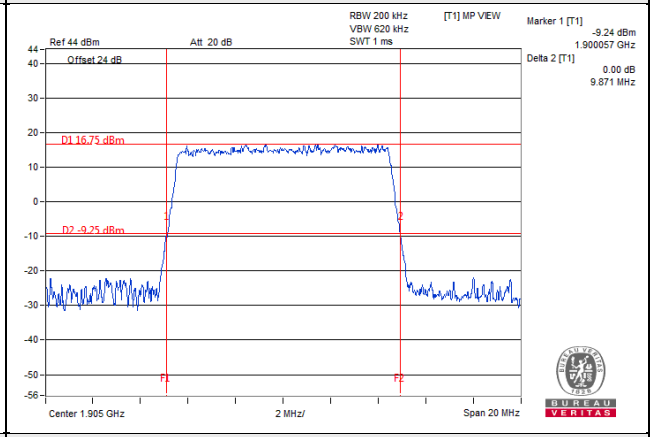
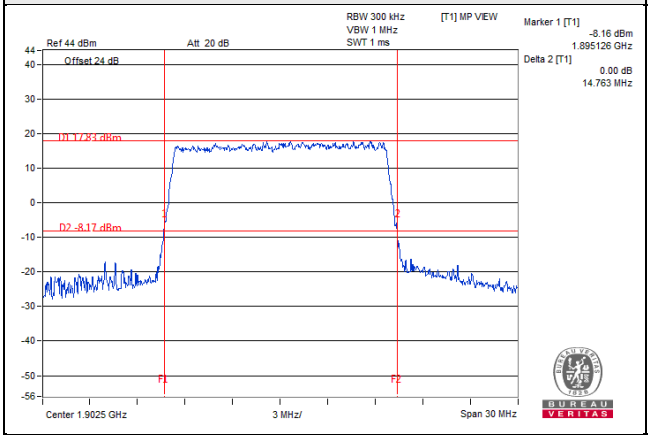
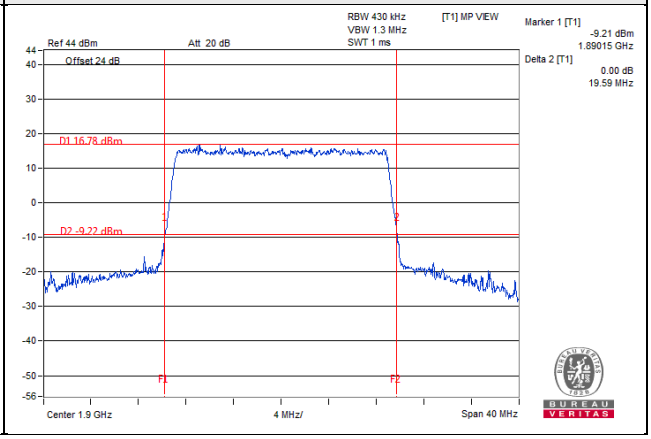
26 dB Bandwidth Measurement:
The emission bandwidth is defined as the width of the signal between two points,one below the carrier center frequency and one above the carrier center frequency, outside of which all emission are attenuated at least 26dB below the transmitter power.

4.4.2 Test Setup



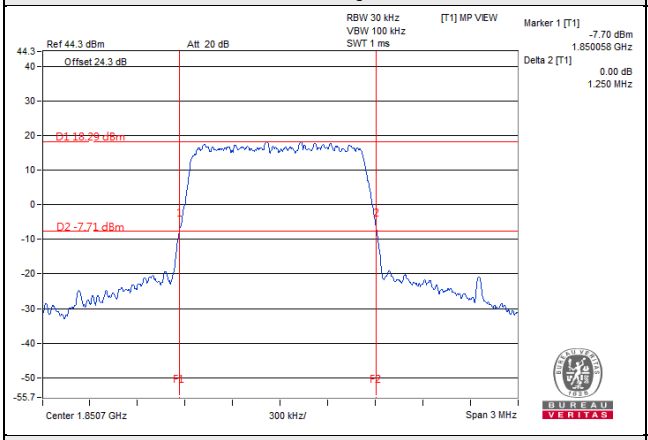
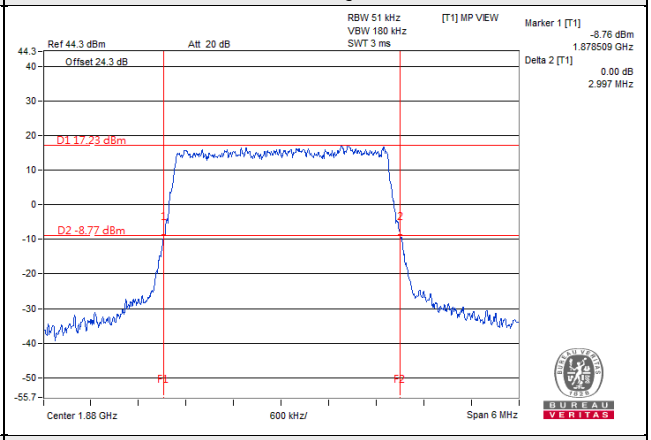
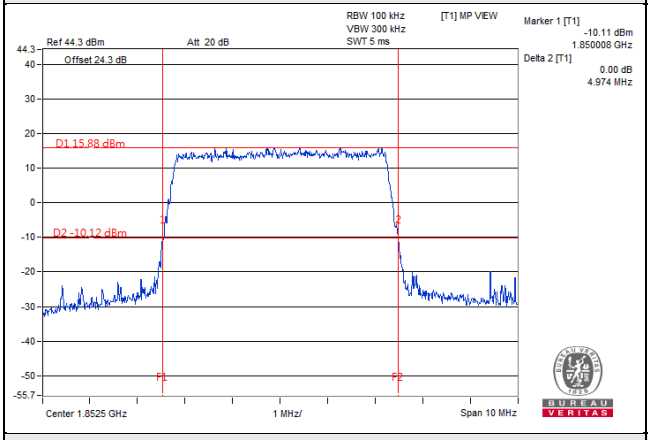
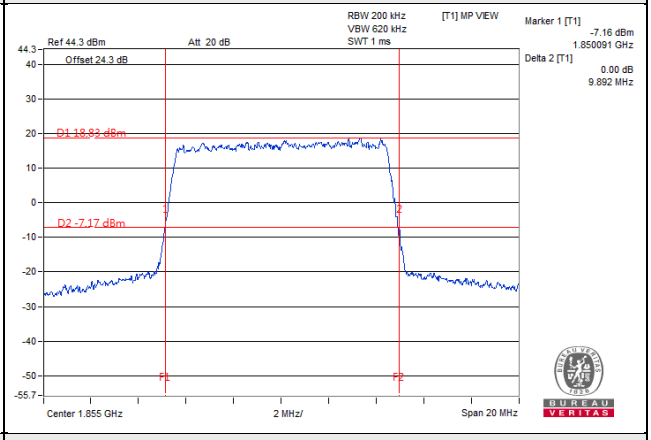
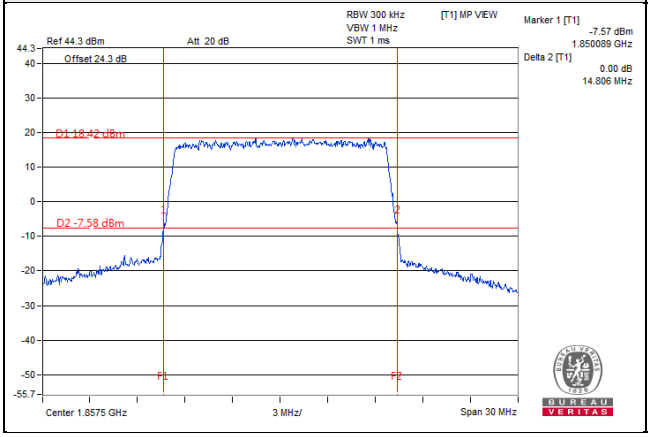
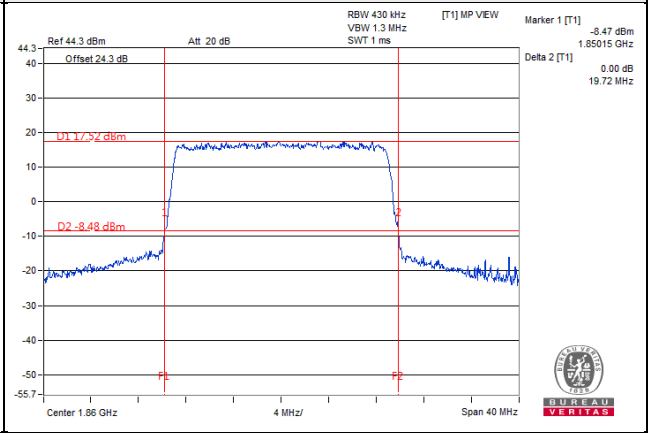
4.4.3 Test Result (-26dB Bandwidth, Mode A)

LTE Band 2									
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
18607	1850.7	1.23	1.23	1.24	18615	1851.5	2.99	2.97	2.96
18900	1880	1.23	1.23	1.24	18900	1880	2.99	2.95	2.95
19193	1909.3	1.23	1.24	1.24	19185	1908.5	2.96	2.98	2.96
Channel Bandwidth 5MHz					Channel Bandwidth 10MHz				
Channel	Frequency (MHz)	-26dB Bandwidth (MHz)			Channel	Frequency (MHz)	-26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
18625	1852.5	4.99	4.94	4.94	18650	1855	9.79	9.82	9.78
18900	1880	4.95	4.95	4.92	18900	1880	9.81	9.81	9.79
19175	1907.5	4.93	4.93	4.92	19150	1905	9.81	9.87	9.81
Channel Bandwidth 15MHz					Channel Bandwidth 20MHz				
Channel	Frequency (MHz)	-26dB Bandwidth (MHz)			Channel	Frequency (MHz)	-26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
18675	1857.5	14.73	14.66	14.66	18700	1860	19.42	19.55	19.55
18900	1880	14.65	14.65	14.63	18900	1880	19.47	19.45	19.53
19125	1902.5	14.76	14.68	14.70	19100	1900	19.53	19.51	19.59

Spectrum Plot of Worst Value	
1.4MHz / 16QAM	3MHz / QPSK
	
5MHz / QPSK	10MHz / 16QAM
	
15MHz / QPSK	20MHz / 64QAM
	

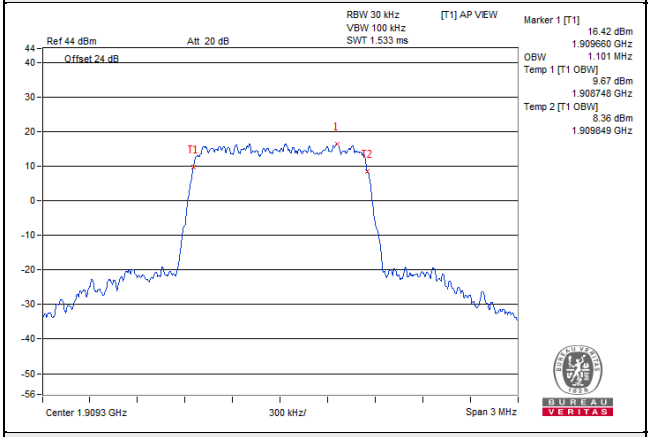
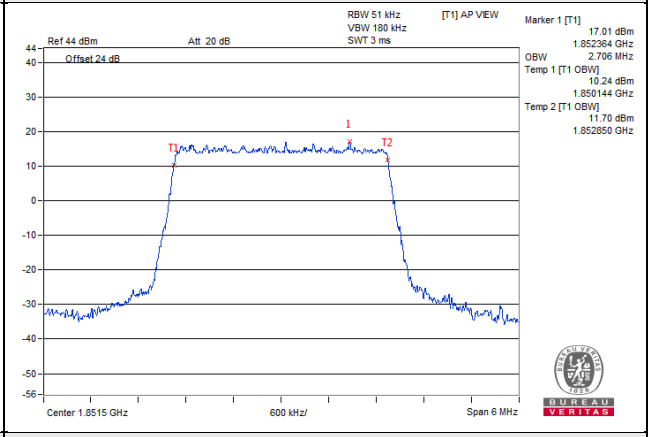
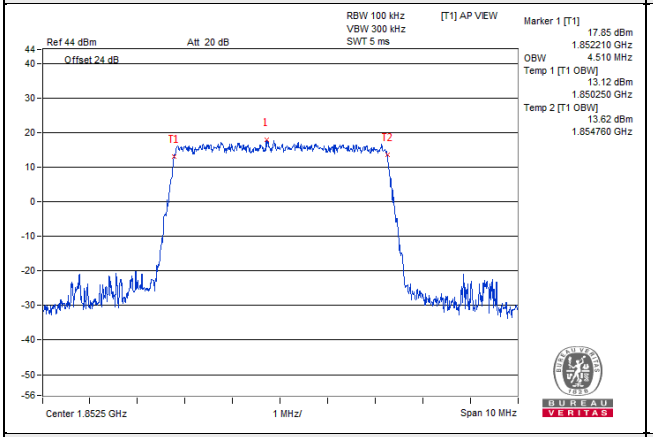
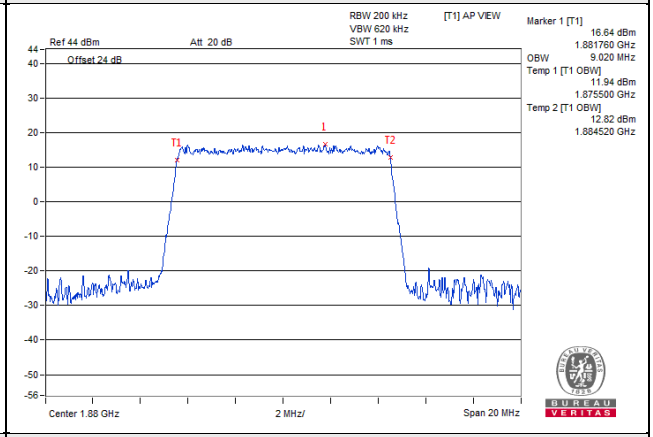
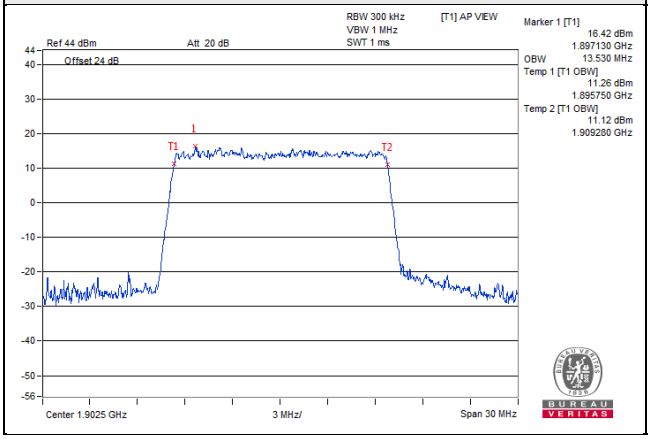
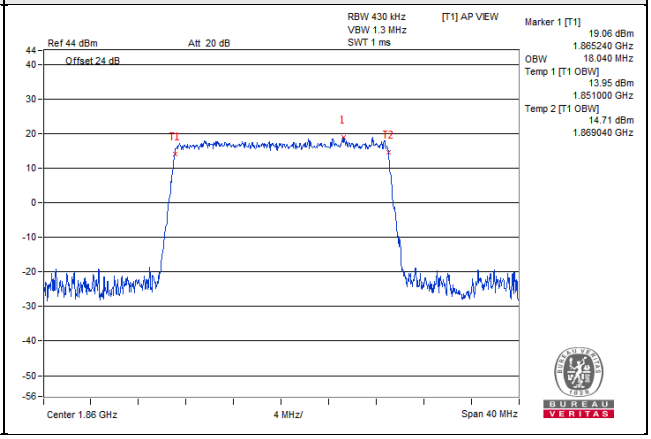
4.4.4 Test Result (-26dB Bandwidth, Mode B)

LTE Band 2									
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
18607	1850.7	1.25	1.24	1.23	18615	1851.5	2.98	2.98	2.97
18900	1880	1.24	1.23	1.24	18900	1880	2.99	2.97	2.95
19193	1909.3	1.22	1.23	1.23	19185	1908.5	2.98	2.97	2.93
Channel Bandwidth 5MHz					Channel Bandwidth 10MHz				
Channel	Frequency (MHz)	-26dB Bandwidth (MHz)			Channel	Frequency (MHz)	-26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
18625	1852.5	4.93	4.92	4.97	18650	1855	9.89	9.89	9.81
18900	1880	4.94	4.95	4.96	18900	1880	9.86	9.81	9.79
19175	1907.5	4.92	4.91	4.92	19150	1905	9.89	9.88	9.86
Channel Bandwidth 15MHz					Channel Bandwidth 20MHz				
Channel	Frequency (MHz)	-26dB Bandwidth (MHz)			Channel	Frequency (MHz)	-26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
18675	1857.5	14.80	14.65	14.67	18700	1860	19.54	19.72	19.57
18900	1880	14.72	14.71	14.72	18900	1880	19.59	19.68	19.55
19125	1902.5	14.64	14.70	14.65	19100	1900	19.51	19.52	19.54

Spectrum Plot of Worst Value	
1.4MHz / QPSK	3MHz / QPSK
	
5MHz / 64QAM	10MHz / QPSK
	
15MHz / QPSK	20MHz / 16QAM
	

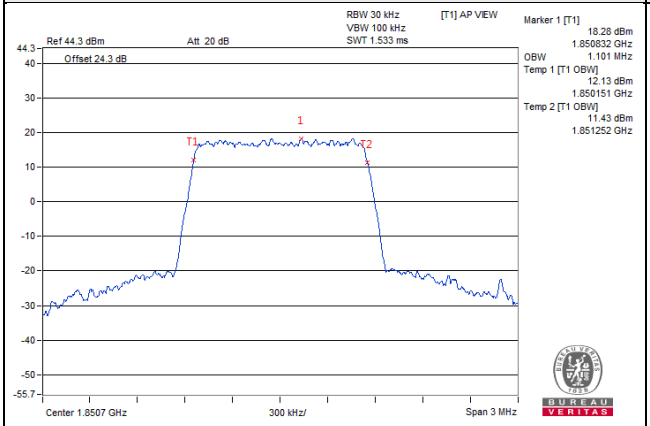
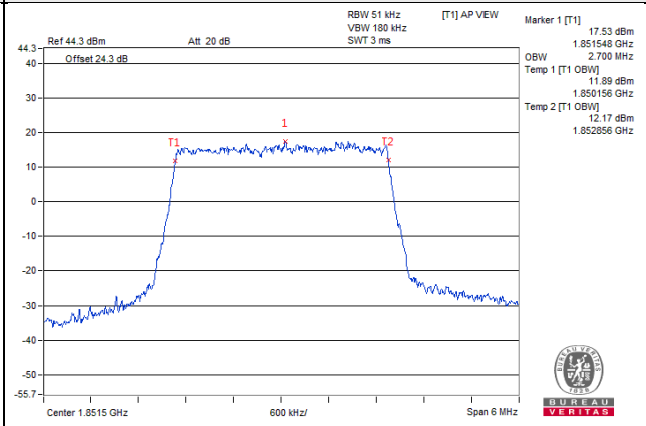
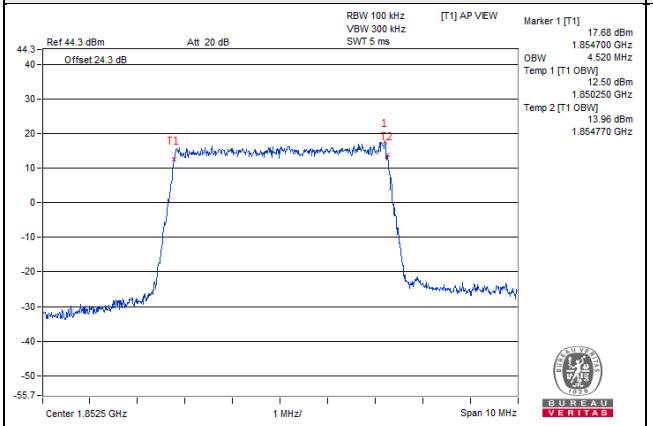
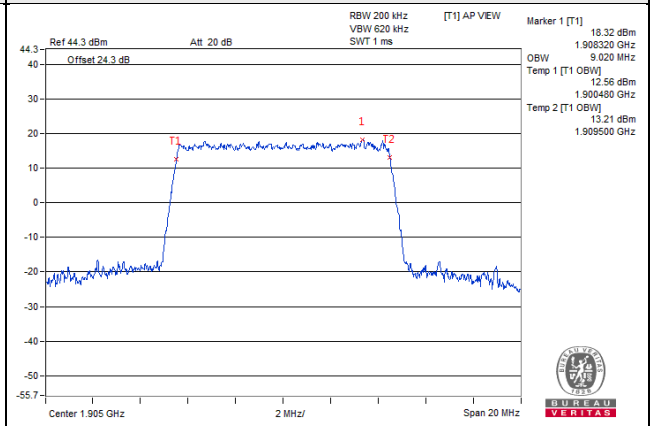
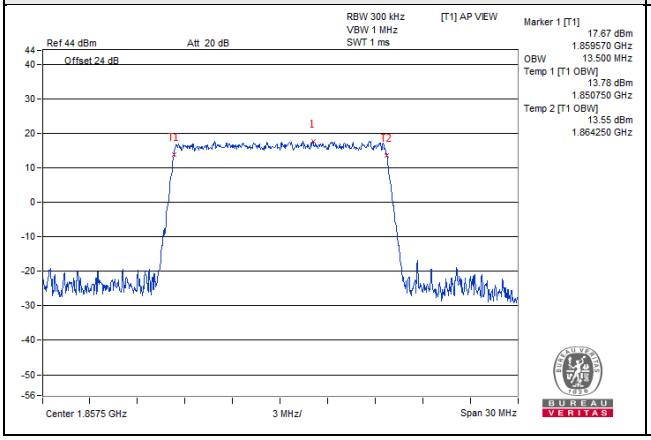
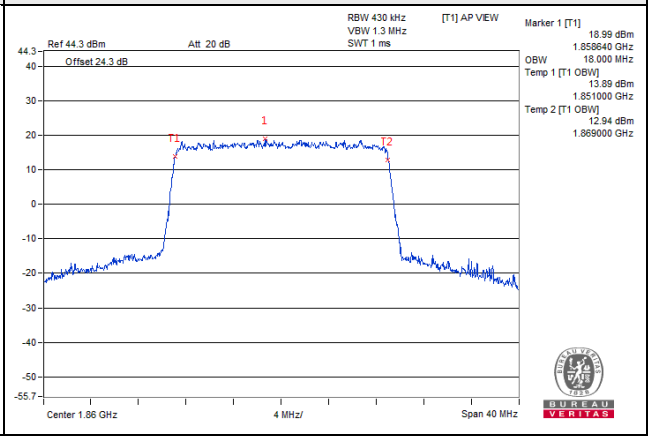
4.4.5 Test Result (Occupied Bandwidth, Mode A)

LTE Band 2									
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
18607	1850.7	1.08	1.09	1.09	18615	1851.5	2.70	2.68	2.70
18900	1880	1.09	1.09	1.09	18900	1880	2.70	2.68	2.69
19193	1909.3	1.08	1.10	1.08	19185	1907.5	2.70	2.68	2.69
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
18625	1852.5	4.51	4.50	4.51	18650	1855	9.00	9.00	8.98
18900	1880	4.51	4.50	4.50	18900	1880	9.00	9.02	8.98
19175	1907.5	4.51	4.51	4.49	19150	1905	9.00	8.98	8.98
Channel Bandwidth 15MHz					Channel Bandwidth 20MHz				
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
18675	1857.5	13.50	13.50	13.50	18700	1860	18.04	17.92	18.00
18900	1880	13.47	13.44	13.44	18900	1880	18.00	17.92	17.92
19125	1902.5	13.50	13.47	13.53	19100	1900	18.04	17.96	18.04

Spectrum Plot of Worst Value	
1.4MHz / 16QAM	3MHz / QPSK
	
5MHz / QPSK	10MHz / 16QAM
	
15MHz / 64QAM	20MHz / QPSK
	

4.4.6 Test Result (Occupied Bandwidth, Mode B)

LTE Band 2									
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
18607	1850.7	1.10	1.09	1.09	18615	1851.5	2.70	2.70	2.68
18900	1880	1.09	1.09	1.08	18900	1880	2.69	2.69	2.68
19193	1909.3	1.09	1.09	1.08	19185	1907.5	2.69	2.70	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
18625	1852.5	4.48	4.52	4.49	18650	1855	8.98	9.00	8.98
18900	1880	4.49	4.52	4.49	18900	1880	8.98	9.00	8.98
19175	1907.5	4.49	4.50	4.49	19150	1905	9.02	9.00	8.98
Channel Bandwidth 15MHz					Channel Bandwidth 20MHz				
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
18675	1857.5	13.5	13.5	13.5	18700	1860	18.00	18.00	17.92
18900	1880	13.5	13.4	13.4	18900	1880	18.00	18.00	17.96
19125	1902.5	13.5	13.5	13.5	19100	1900	18.00	18.00	17.96

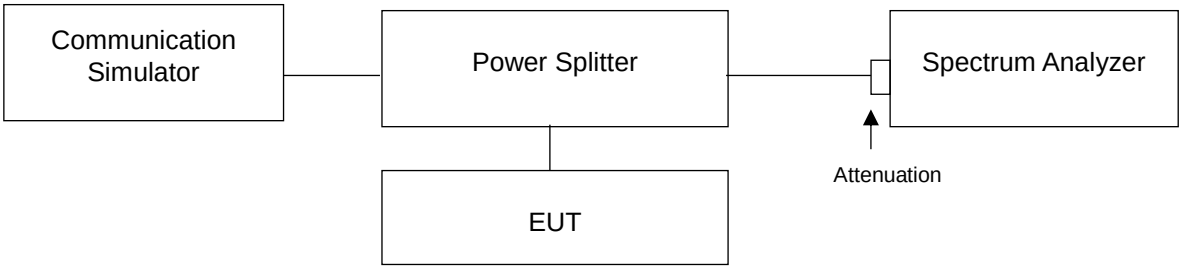
Spectrum Plot of Worst Value	
1.4MHz / QPSK	3MHz / QPSK
	
5MHz / 16QAM	10MHz / QPSK
	
15MHz / QPSK	20MHz / QPSK
	

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.

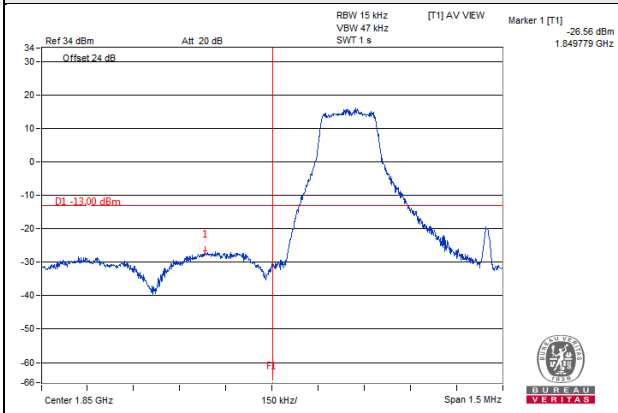
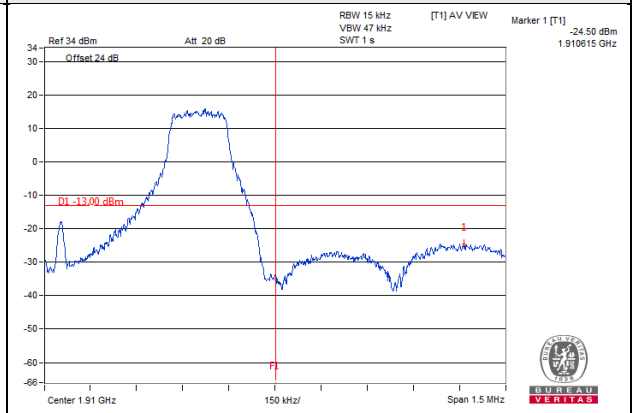
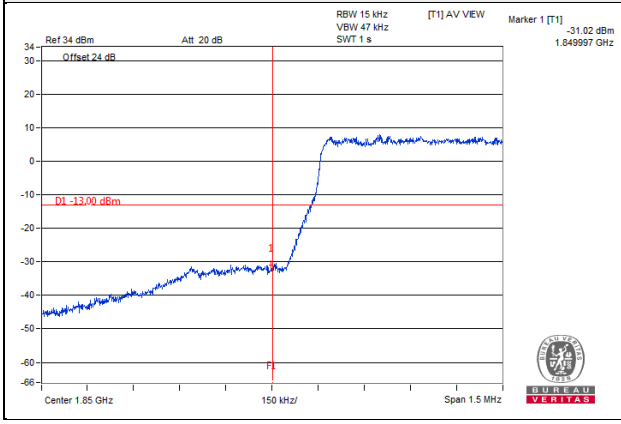
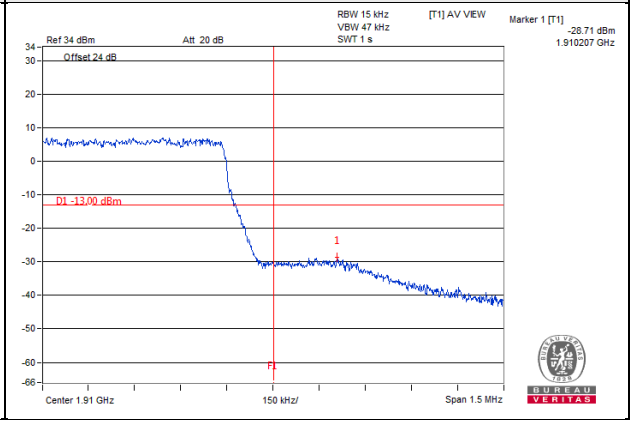
4.5.2 Test Setup

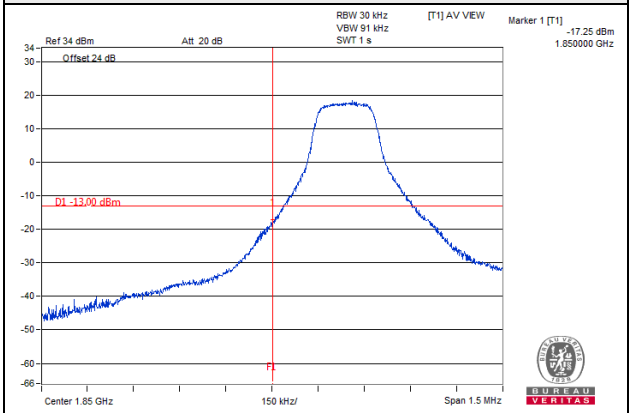
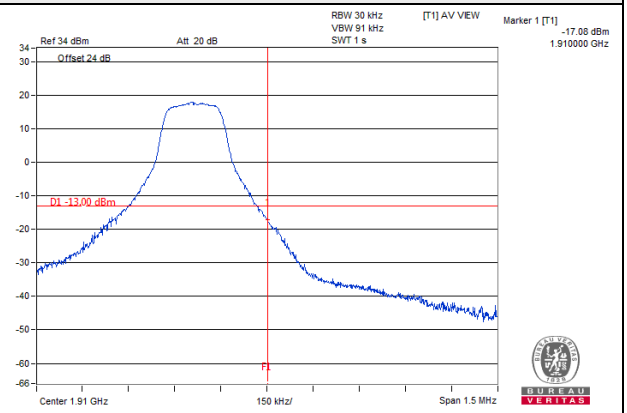
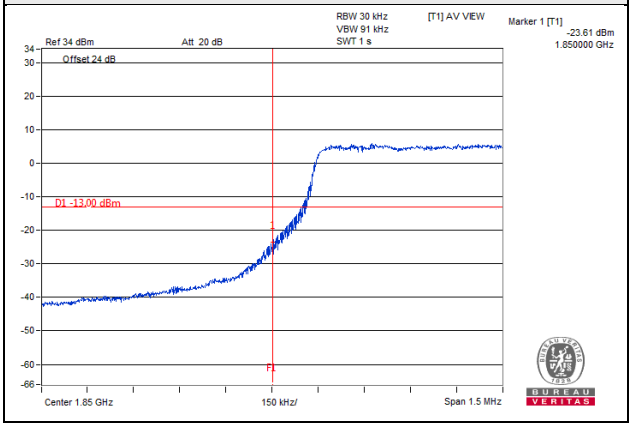
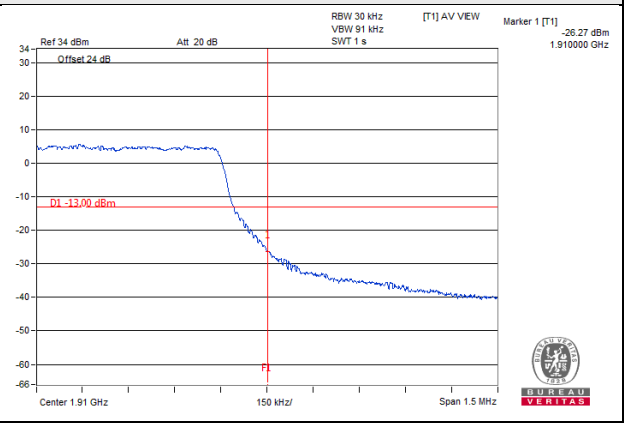


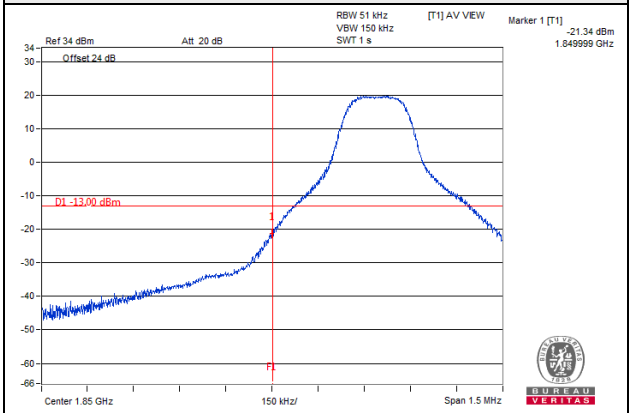
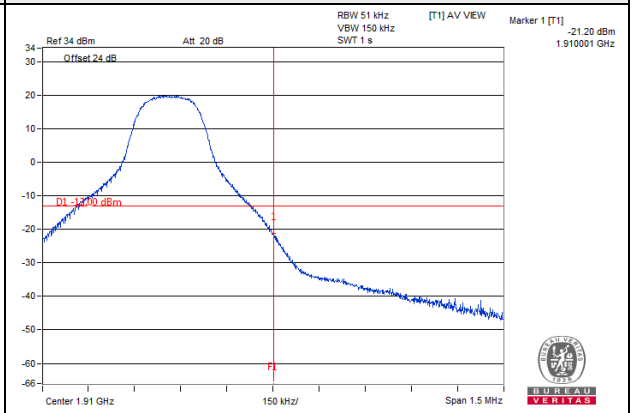
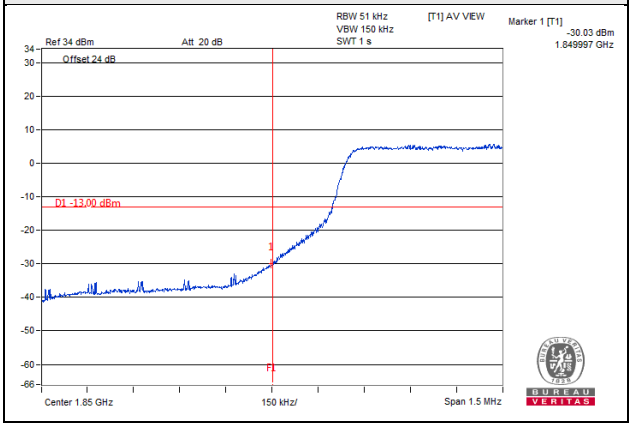
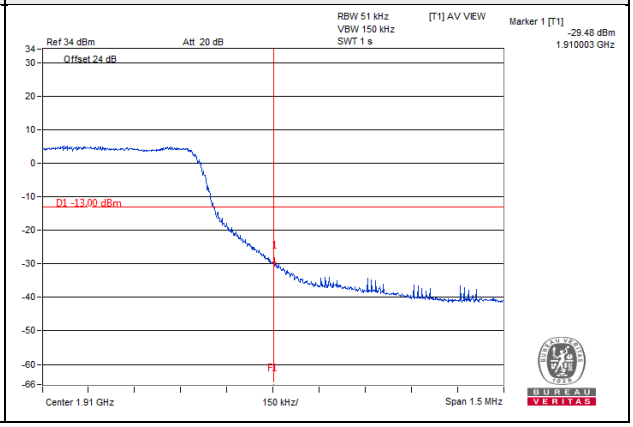
4.5.3 Test Procedures

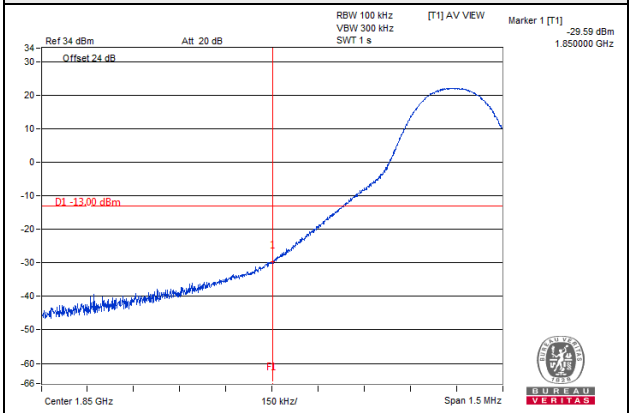
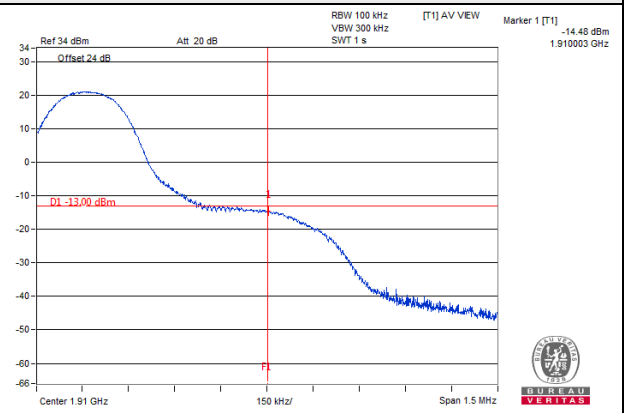
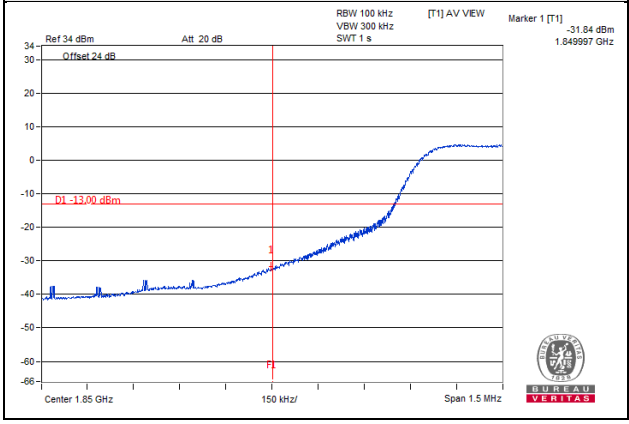
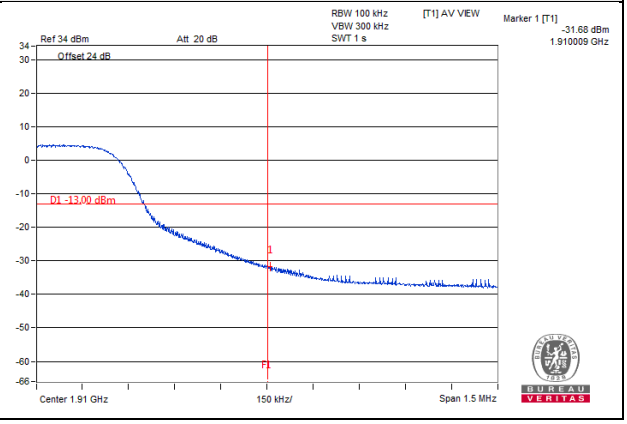
a. All measurements were done at low and high operational frequency range.
b. The center frequency of spectrum is the band edge frequency and RB of the spectrum is >1% emission bandwidth and VB of the spectrum is ≧ 3*RB.
c. Record the max trace plot into the test report.

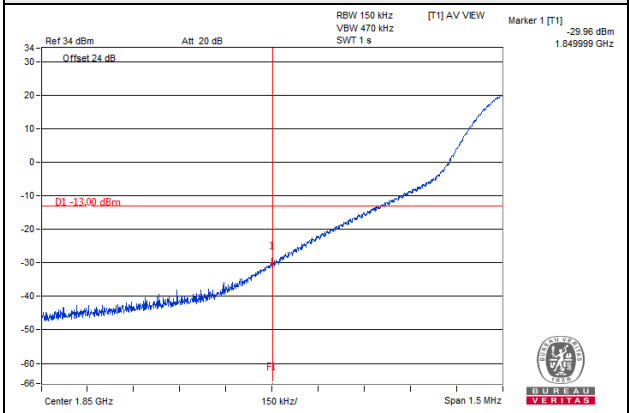
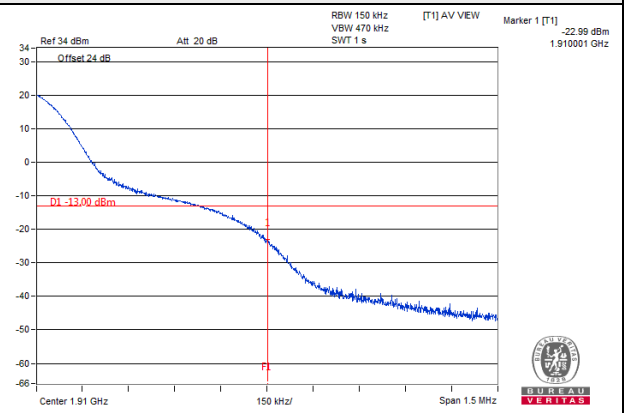
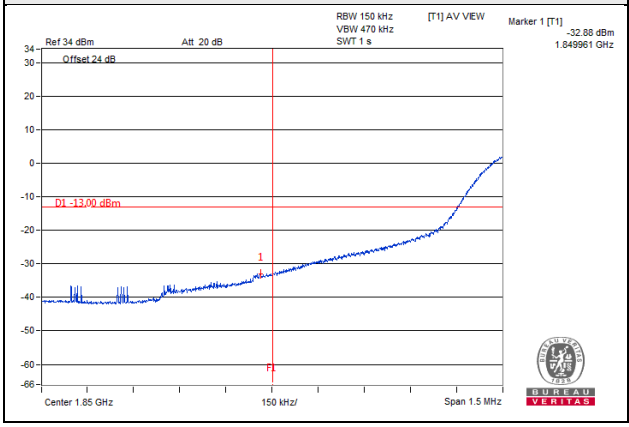
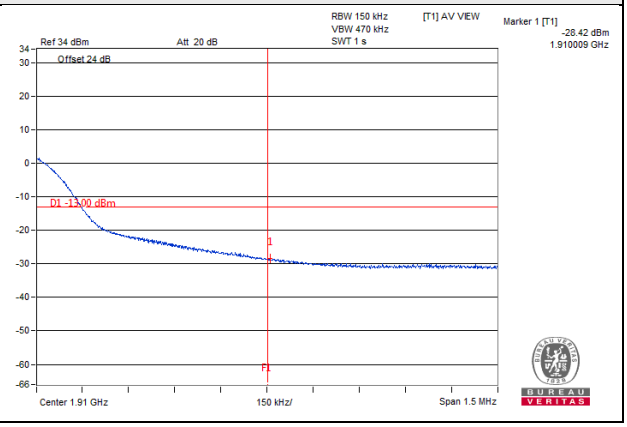
4.5.4 Test Results (Mode A)

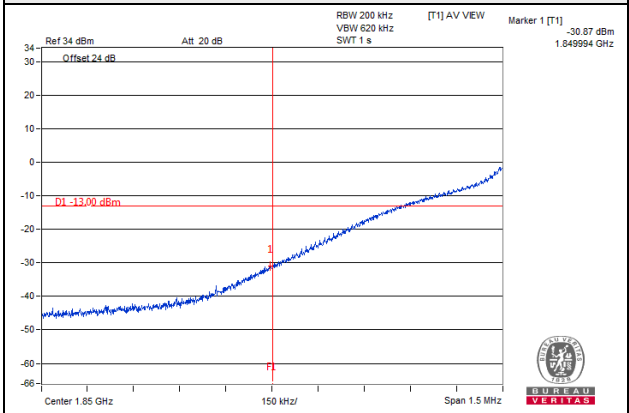
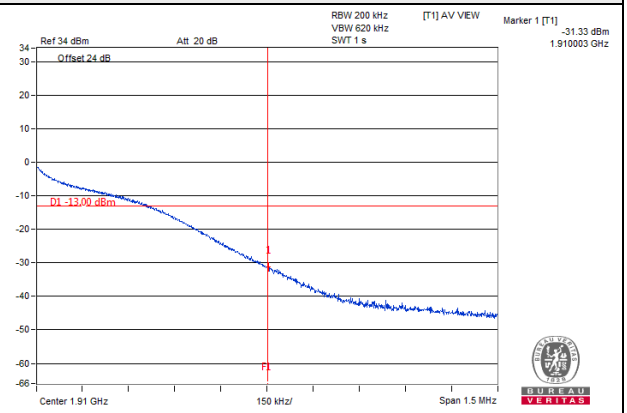
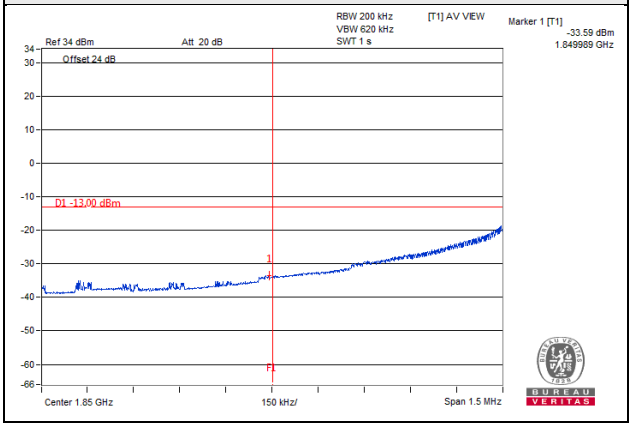
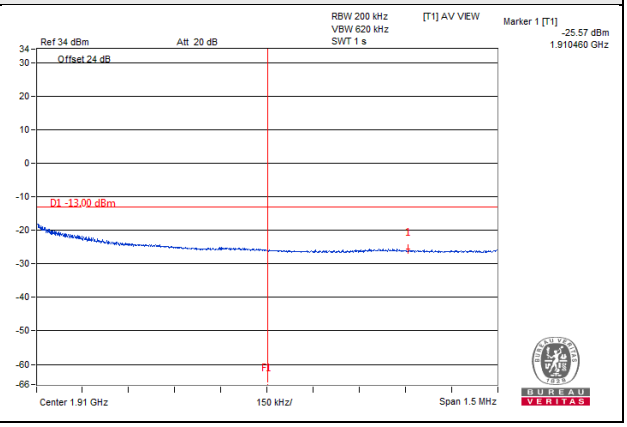
LTE Band 2 Channel Band width: 1.4MHz	
Channel 18607	Channel 19193
1 RB	1 RB
	
6 RB	6 RB
	

LTE Band 2 Channel Band width: 3MHz	
Channel 18615	Channel 19185
1 RB	1 RB
	
15 RB	15 RB
	

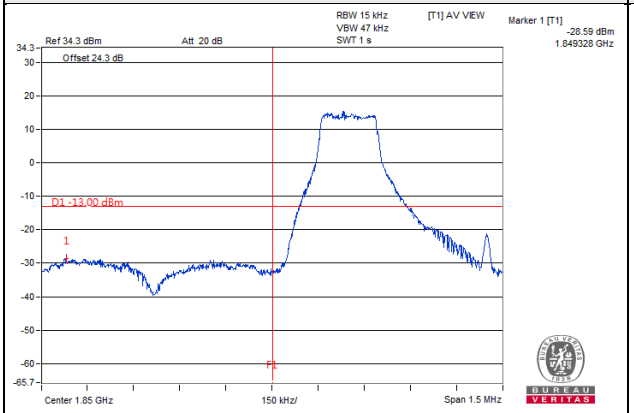
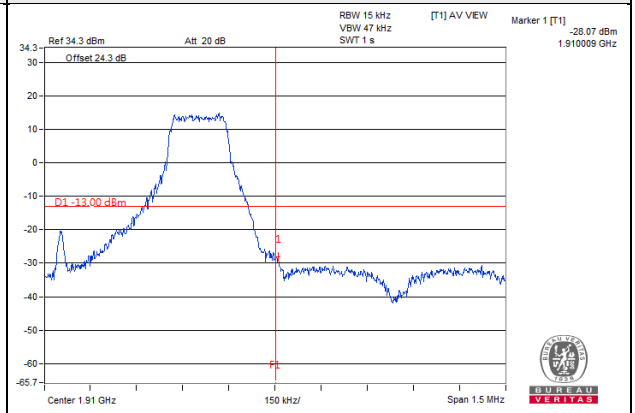
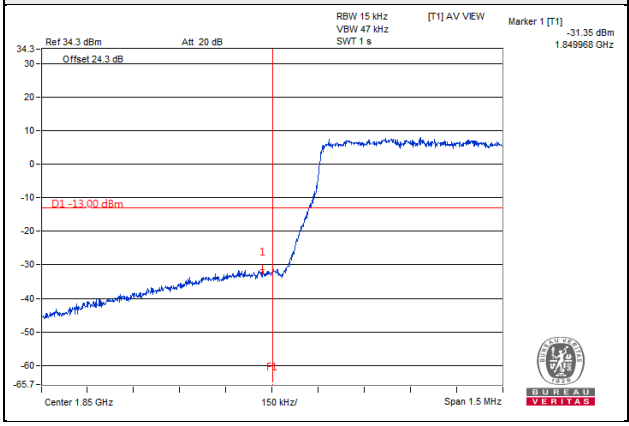
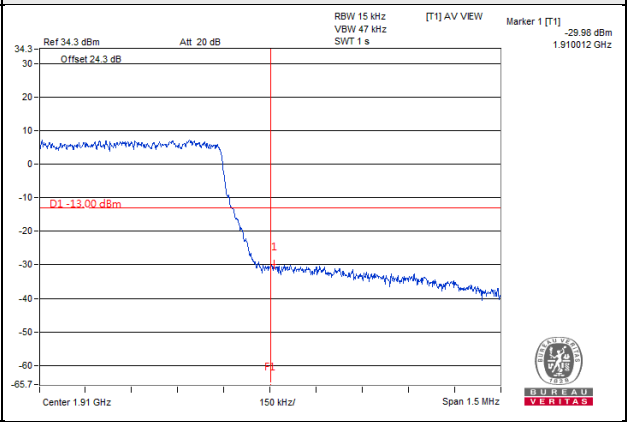
LTE Band 2 Channel Band width: 5MHz	
Channel 18625	Channel 19175
1 RB	1 RB
	
25 RB	25 RB
	

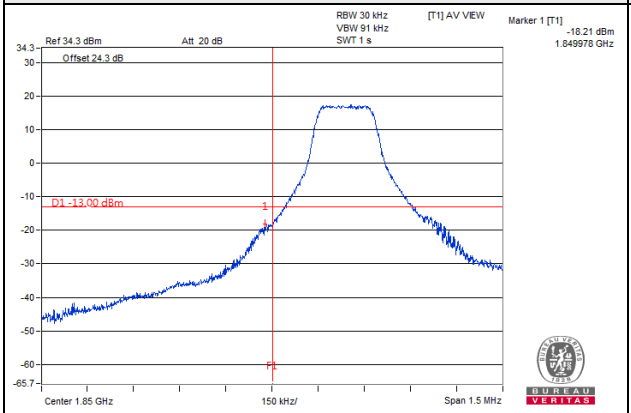
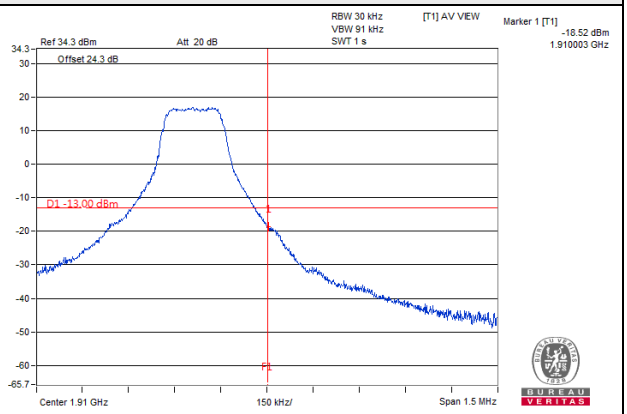
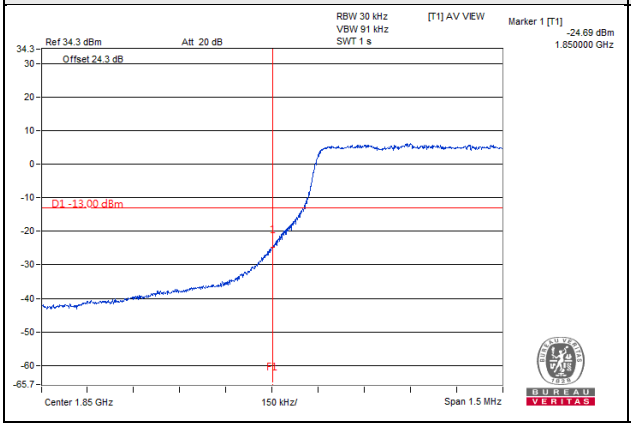
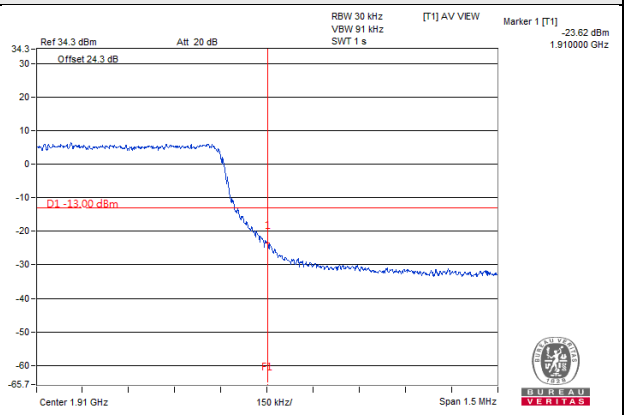
LTE Band 2 Channel Band width: 10MHz	
Channel 18650	Channel 19150
1 RB	1 RB
	
50 RB	50 RB
	

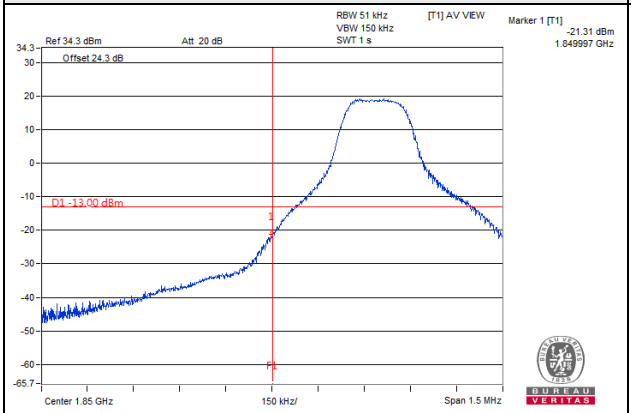
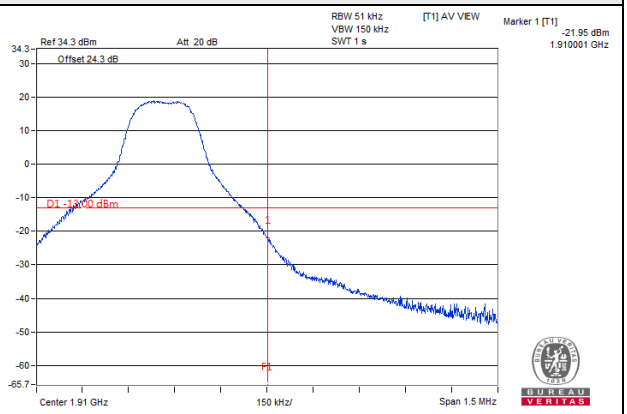
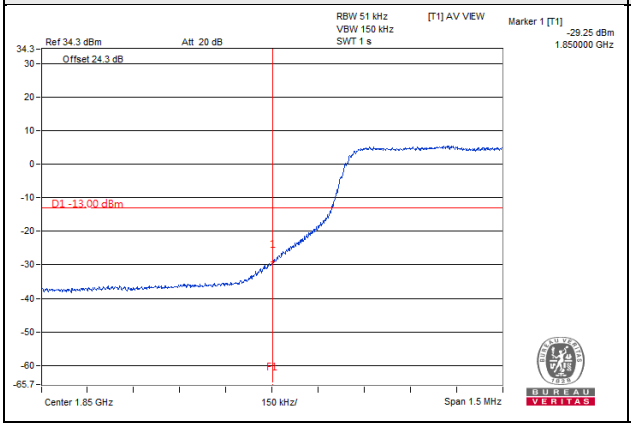
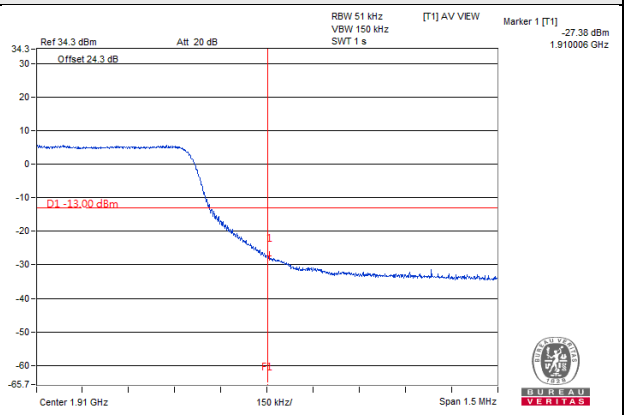
LTE Band 2 Channel Band width: 15MHz	
Channel 18675	Channel 19125
1 RB	1 RB
	
75 RB	75 RB
	

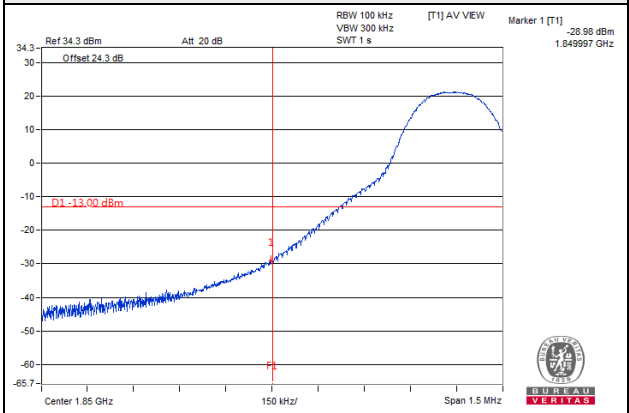
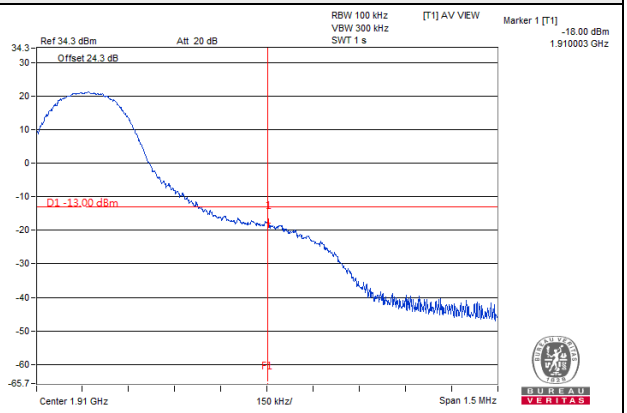
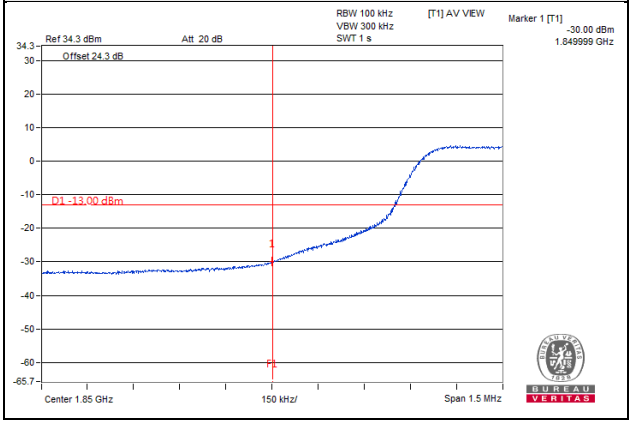
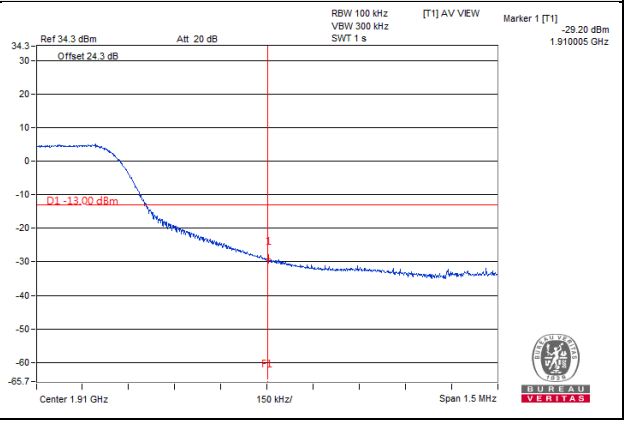
LTE Band 2 Channel Band width: 20MHz	
Channel 18700	Channel 19100
1 RB	1 RB
	
100 RB	100 RB
	

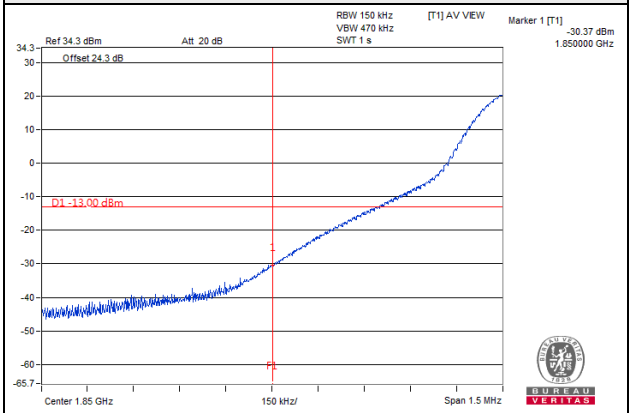
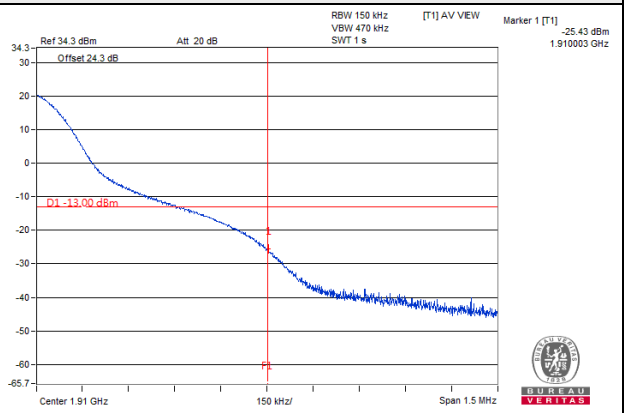
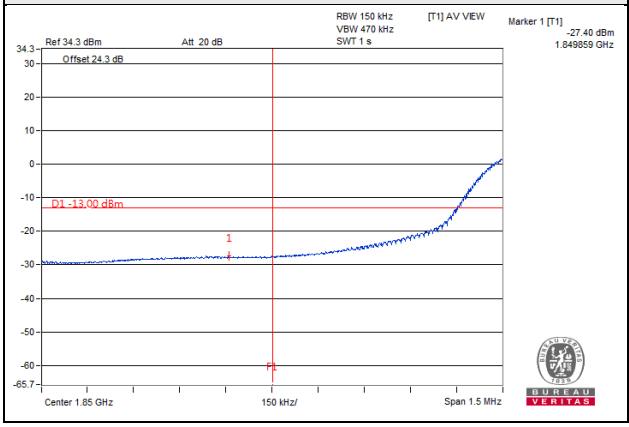
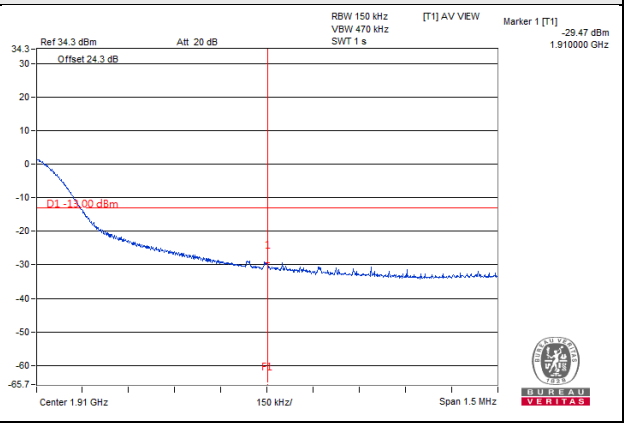
4.5.5 Test Results (Mode B)

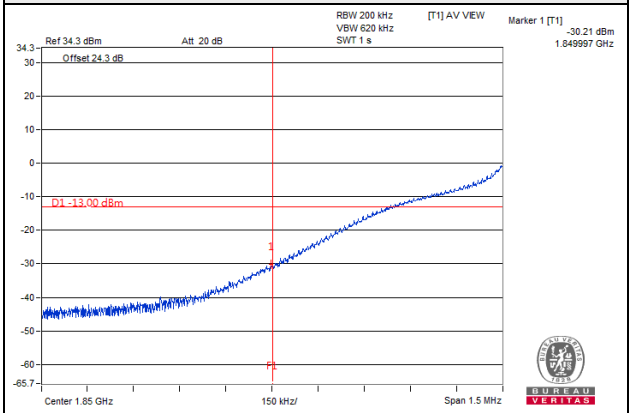
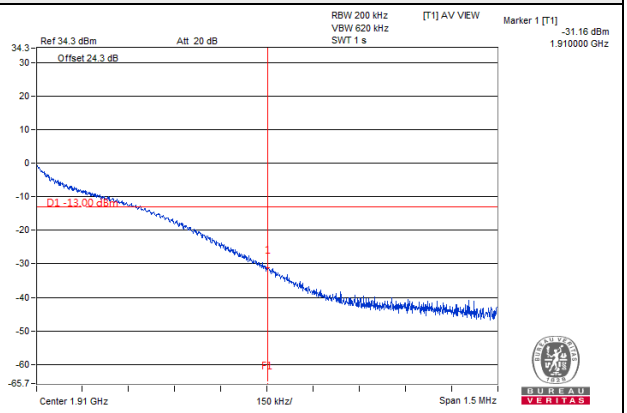
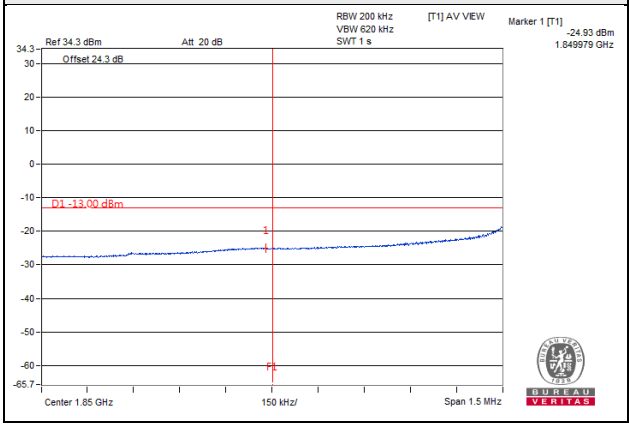
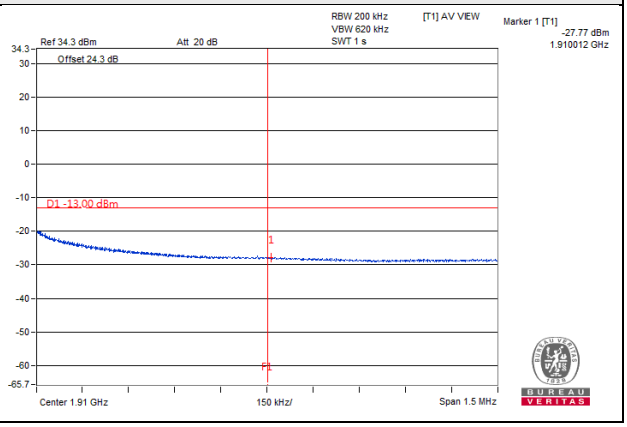
LTE Band 2 Channel Band width: 1.4MHz	
Channel 18607	Channel 19193
1 RB	1 RB
	
6 RB	6 RB
	

LTE Band 2 Channel Band width: 3MHz	
Channel 18615	Channel 19185
1 RB	1 RB
	
15 RB	15 RB
	

LTE Band 2 Channel Band width: 5MHz	
Channel 18625	Channel 19175
1 RB	1 RB
	
25 RB	25 RB
	

LTE Band 2 Channel Band width: 10MHz	
Channel 18650	Channel 19150
1 RB	1 RB
	
50 RB	50 RB
	

LTE Band 2 Channel Band width: 15MHz	
Channel 18675	Channel 19125
1 RB	1 RB
	
75 RB	75 RB
	

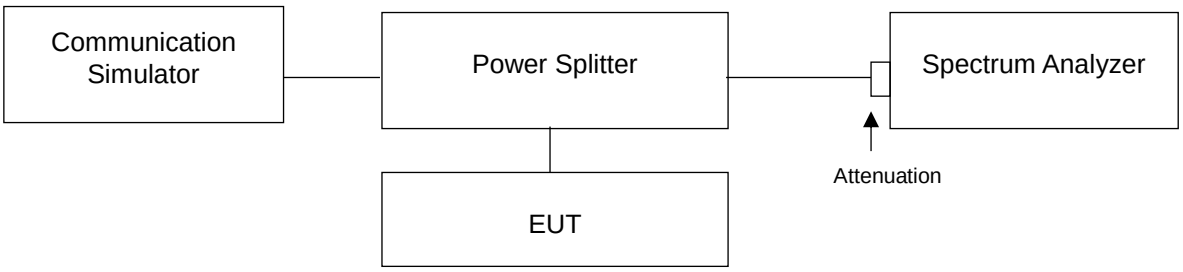
LTE Band 2 Channel Band width: 20MHz	
Channel 18700	Channel 19100
1 RB	1 RB
	
100 RB	100 RB
	

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

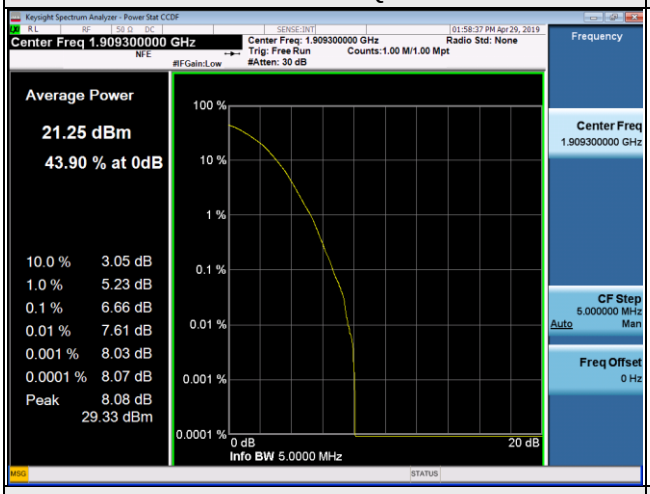
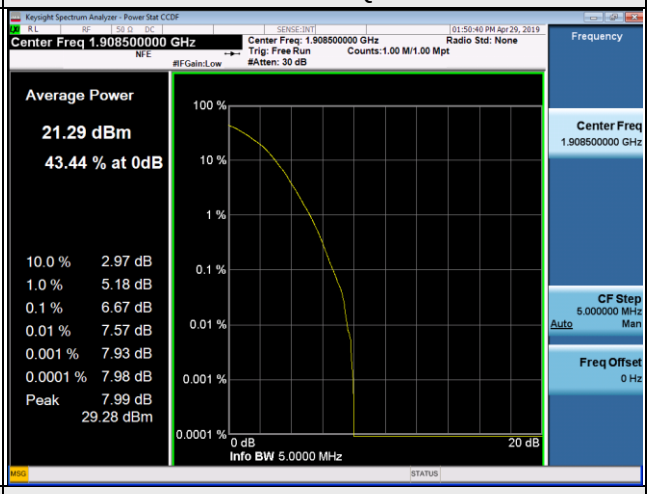
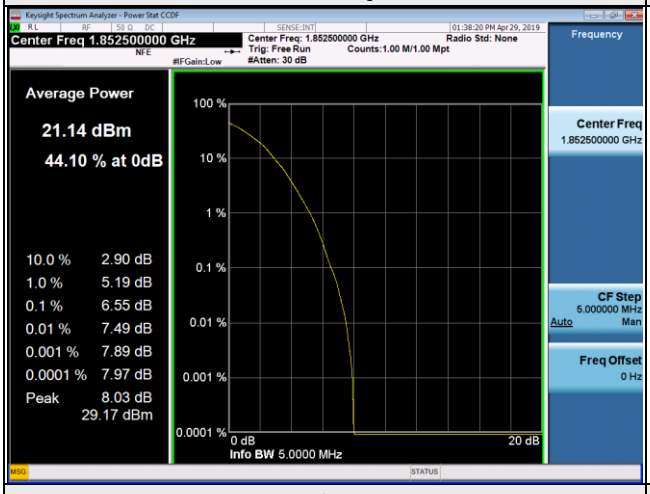
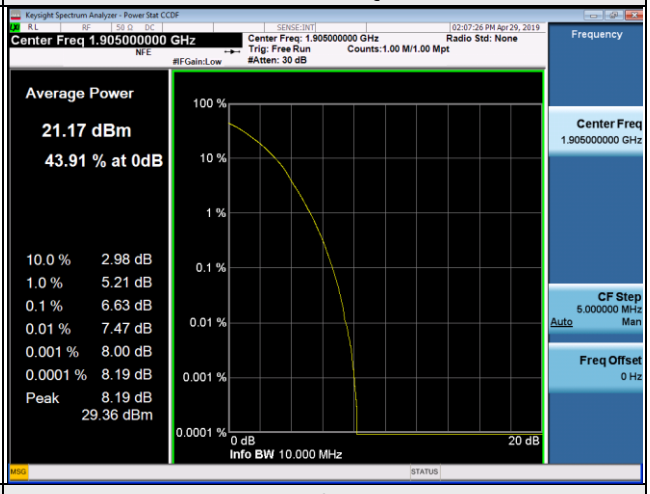
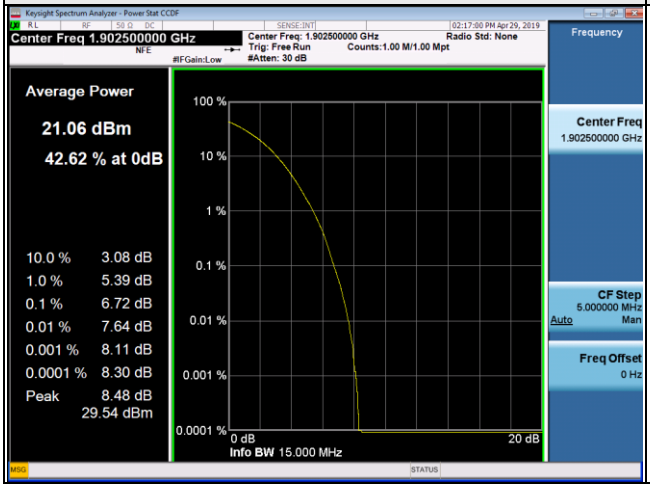
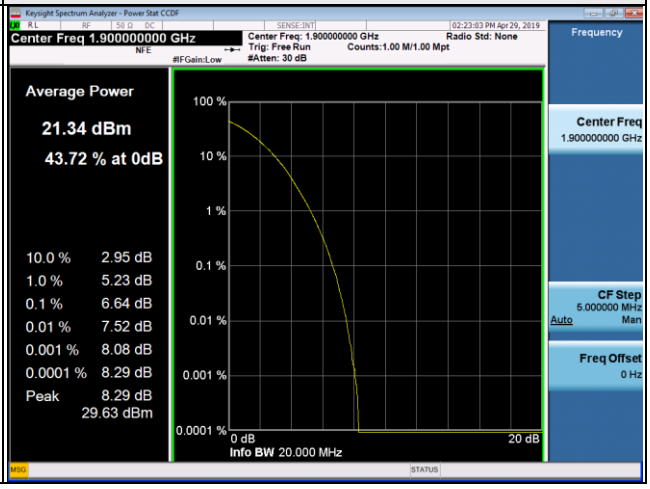


4.5.3 Test Procedures

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%.

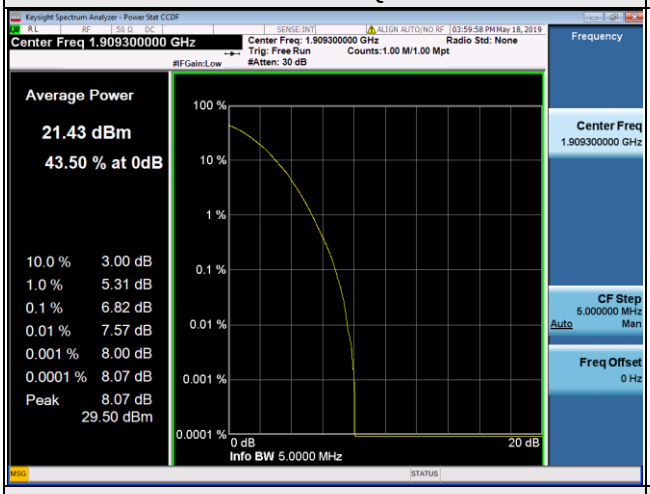
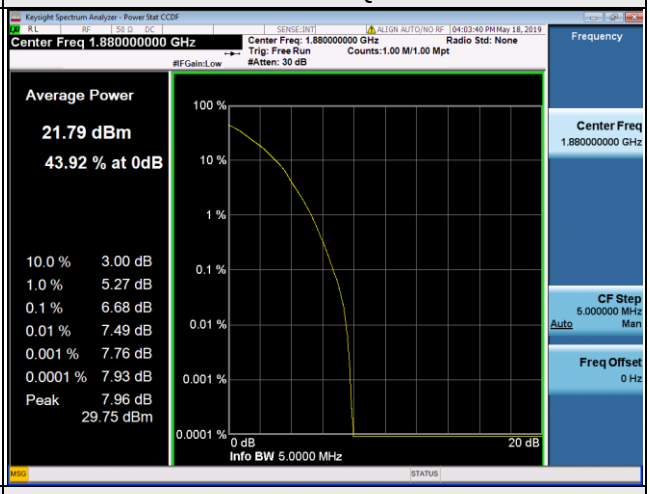
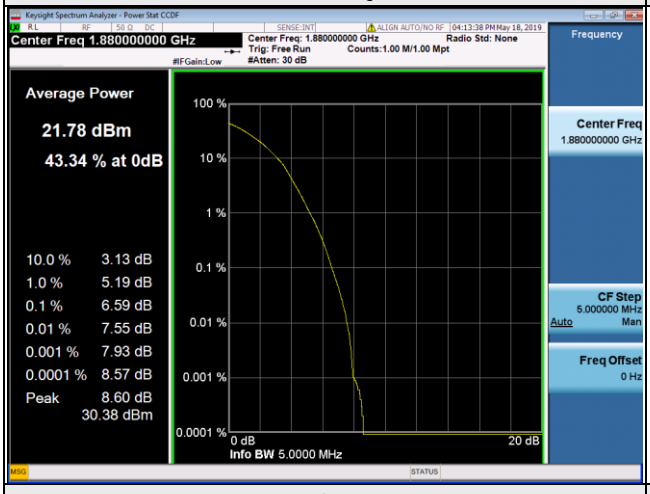
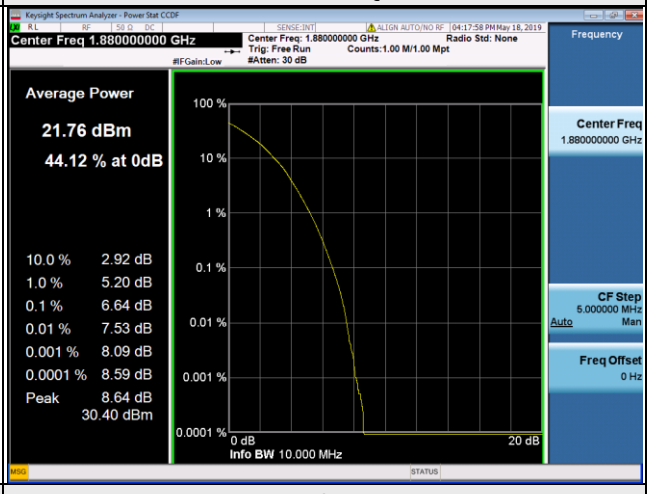
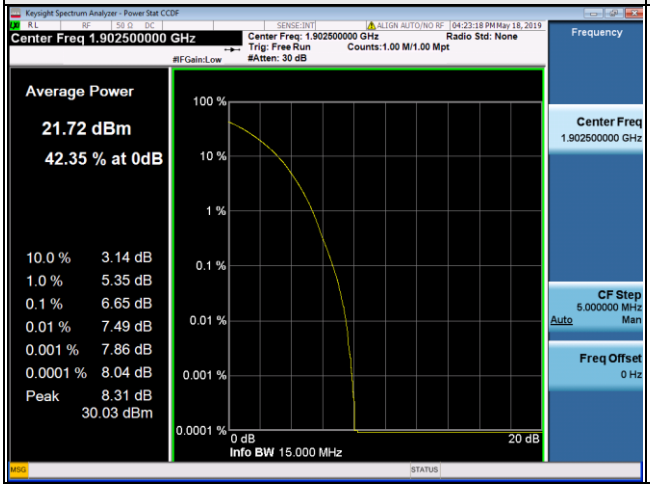
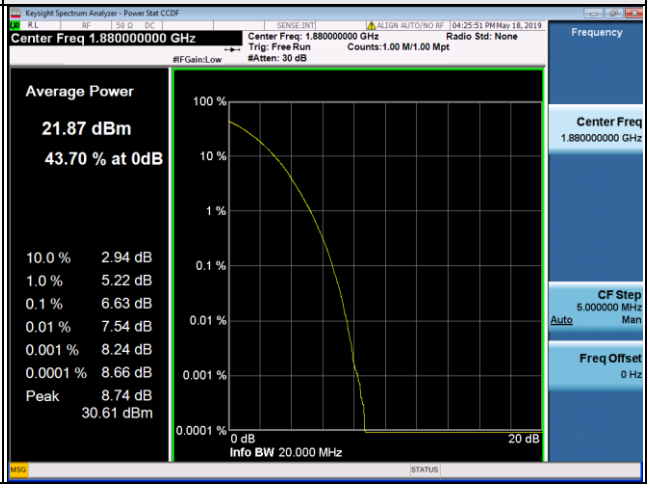
4.5.4 Test Results (Mode A)

LTE Band 2									
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
18607	1850.7	5.34	6.07	6.58	18615	1851.5	5.16	5.99	6.62
18900	1880	5.38	6.13	6.65	18900	1880	5.18	6.00	6.66
19193	1909.3	5.33	6.10	6.66	19185	1907.5	5.15	5.99	6.67
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
18625	1852.5	5.19	6.04	6.55	18650	1855	5.22	6.01	6.62
18900	1880	5.28	6.03	6.55	18900	1880	5.23	6.05	6.57
19175	1907.5	5.28	6.07	6.52	19150	1905	5.20	6.03	6.63
Channel Bandwidth 15MHz					Channel Bandwidth 20MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
18675	1857.5	5.40	6.09	6.66	18700	1860	5.25	6.01	6.62
18900	1880	5.42	6.03	6.62	18900	1880	5.12	5.96	6.57
19125	1902.5	5.45	6.13	6.72	19100	1900	5.34	6.10	6.64

Spectrum Plot of Worst Value	
1.4MHz / 64QAM	3MHz / 64QAM
	
5MHz / 64QAM	10MHz / 64QAM
	
15MHz / 64QAM	20MHz / 64QAM
	

4.5.4 Test Results (Mode B)

LTE Band 2									
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
18607	1850.7	5.35	6.04	6.76	18615	1851.5	5.27	6.10	6.66
18900	1880	5.35	6.04	6.76	18900	1880	5.27	6.11	6.68
19193	1909.3	5.34	6.06	6.82	19185	1907.5	5.27	6.09	6.68
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
18625	1852.5	5.31	6.05	6.56	18650	1855	5.24	6.01	6.58
18900	1880	5.33	6.07	6.59	18900	1880	5.30	6.07	6.64
19175	1907.5	5.28	6.05	6.58	19150	1905	5.13	5.99	6.62
Channel Bandwidth 15MHz					Channel Bandwidth 20MHz				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Channel	Frequency (MHz)	Peak To Average Ratio (dB)		
		QPSK	16QAM	64QAM			QPSK	16QAM	64QAM
18675	1857.5	5.37	6.01	6.54	18700	1860	5.13	5.98	6.54
18900	1880	5.46	6.08	6.62	18900	1880	5.31	6.12	6.63
19125	1902.5	5.30	6.05	6.65	19100	1900	5.29	6.12	6.57

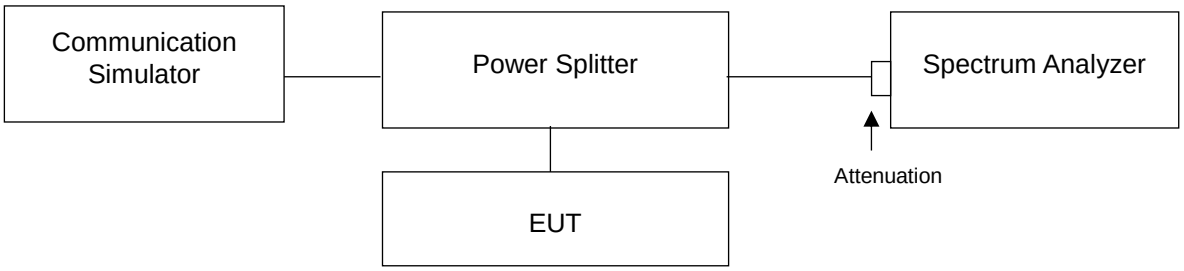
Spectrum Plot of Worst Value	
1.4MHz / 64QAM	3MHz / 64QAM
	
5MHz / 64QAM	10MHz / 64QAM
	
15MHz / 64QAM	20MHz / 64QAM
	

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



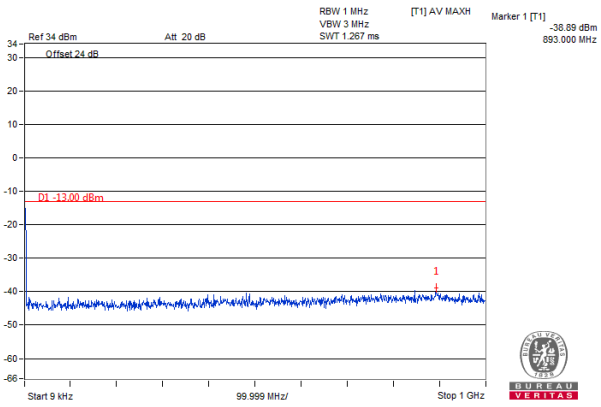
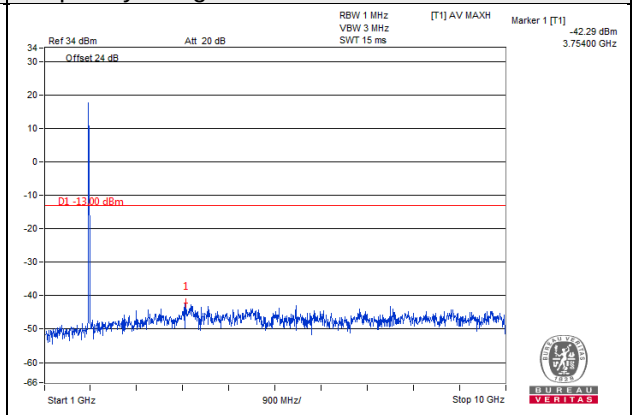
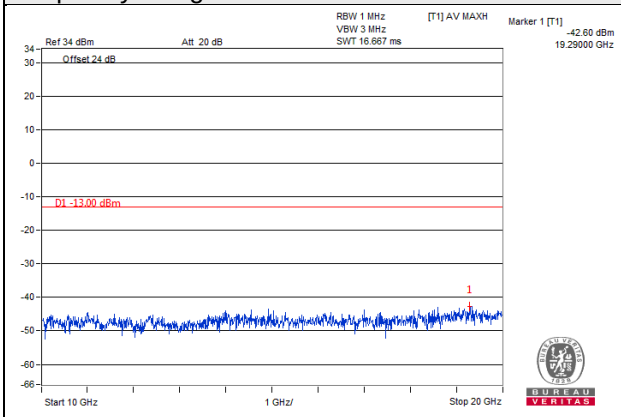
4.7.3 Test Procedure

a. All measurements were done at middle operational frequency range.

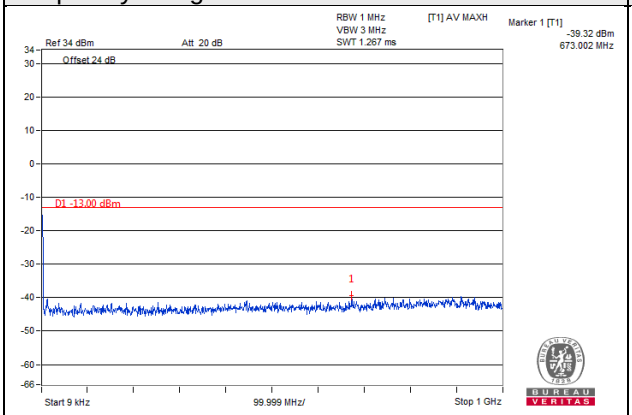
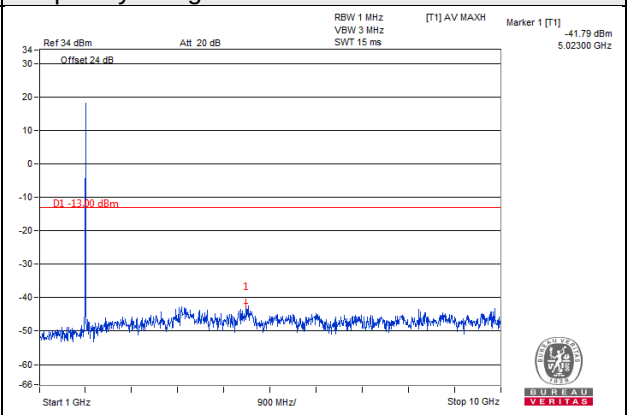
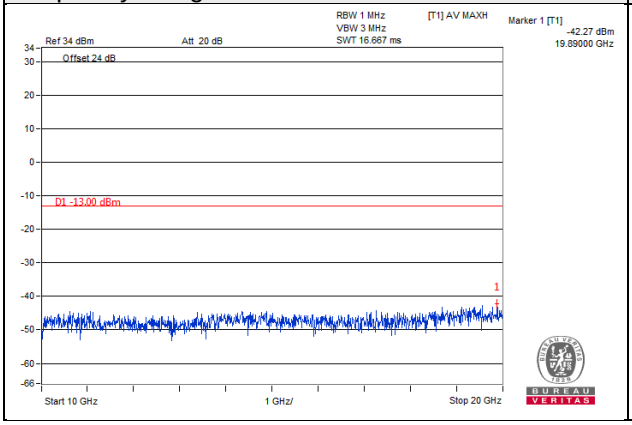
b. Measuring frequency range is from 9 kHz to the tenth harmonic of the highest fundamental frequency, it shall be connected to the pad attenuated the carried frequency.

RBW=1MHz and VBW=3MHz is used for conducted emission measurement.

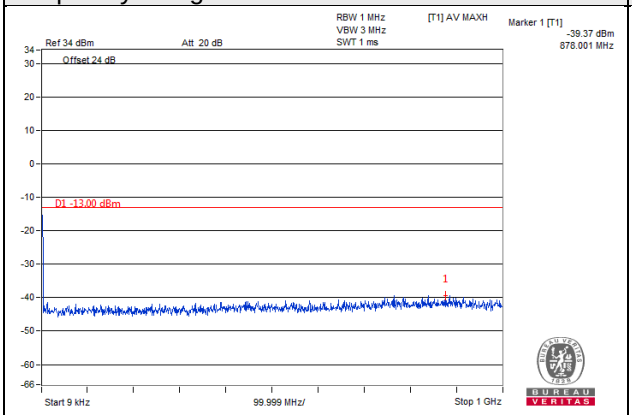
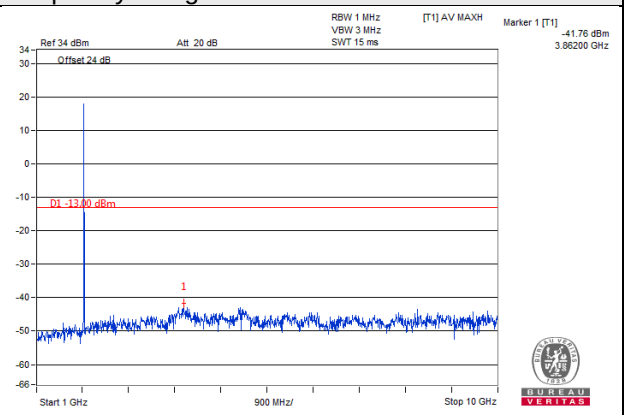
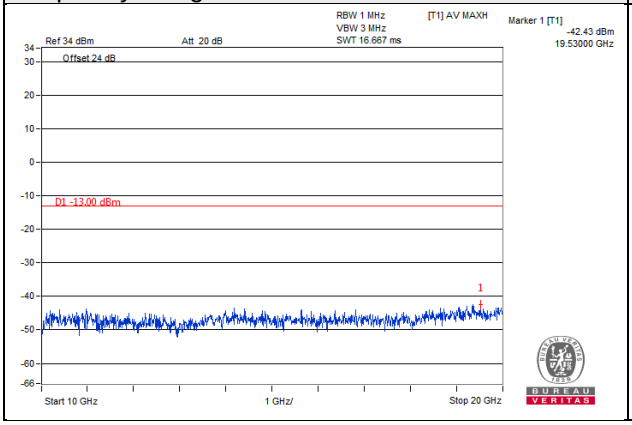
4.7.4 Test Results (Mode A)

LTE Band 2 Channel Band width: 1.4MHz	
Channel 18607	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

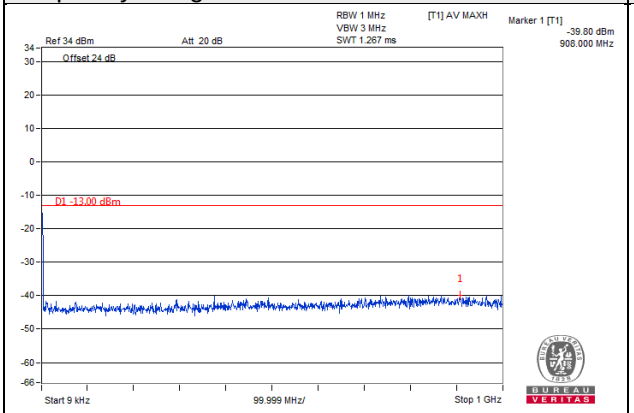
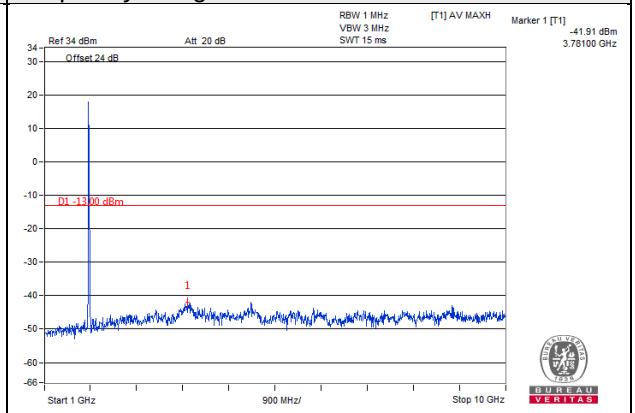
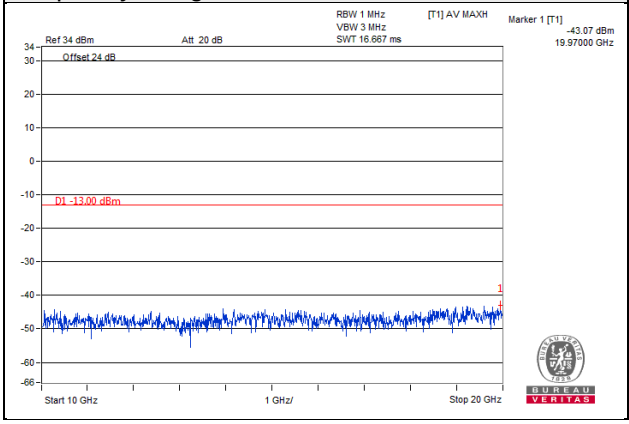
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 1.4MHz	
Channel 18900	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

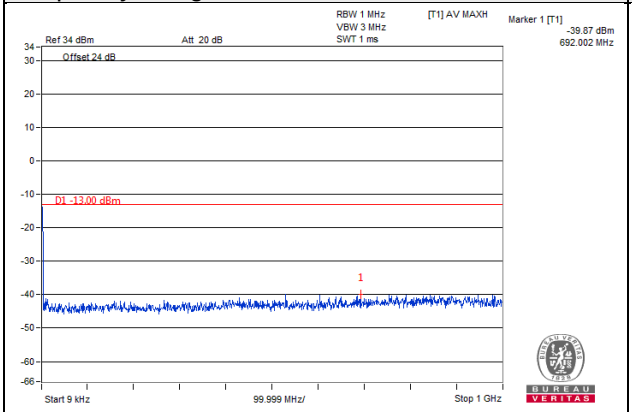
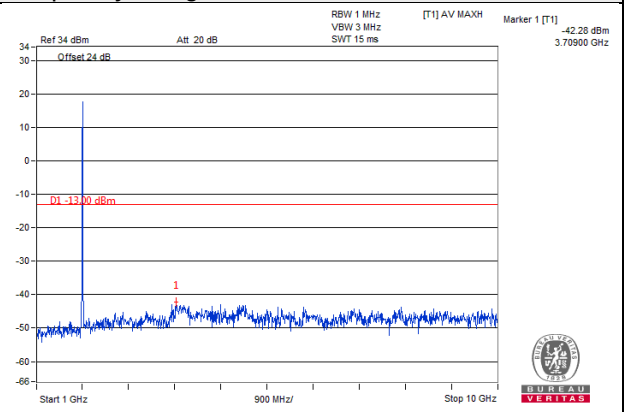
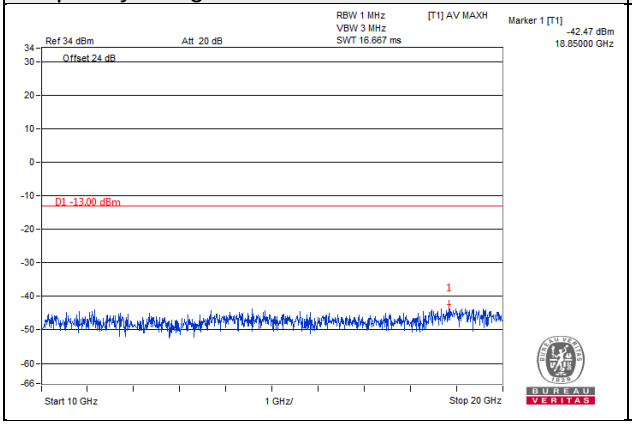
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 1.4MHz	
Channel 19193	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

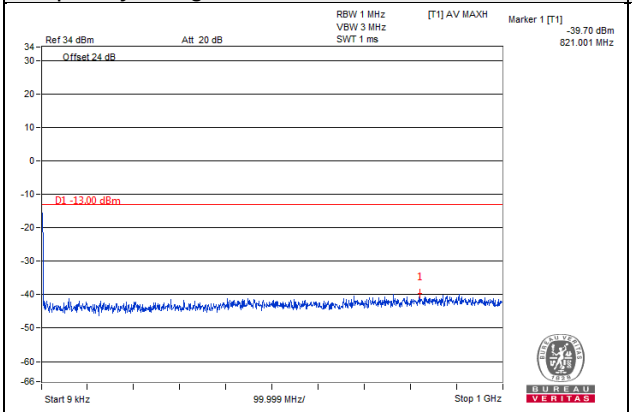
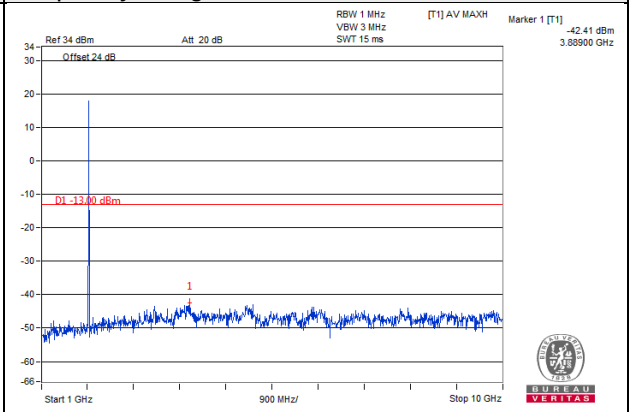
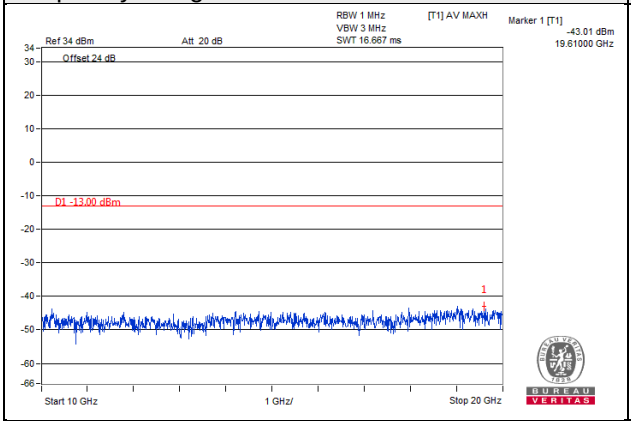
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 3MHz	
Channel 18615	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

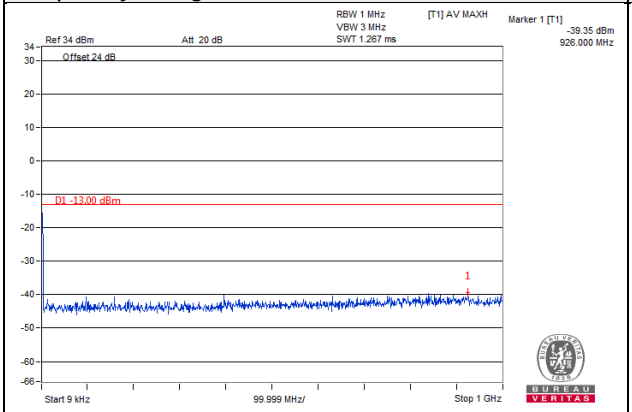
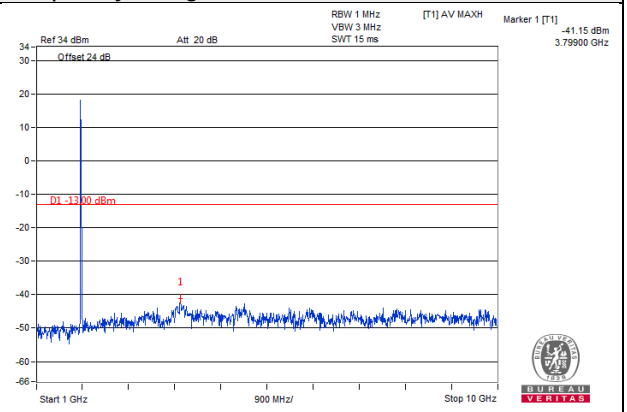
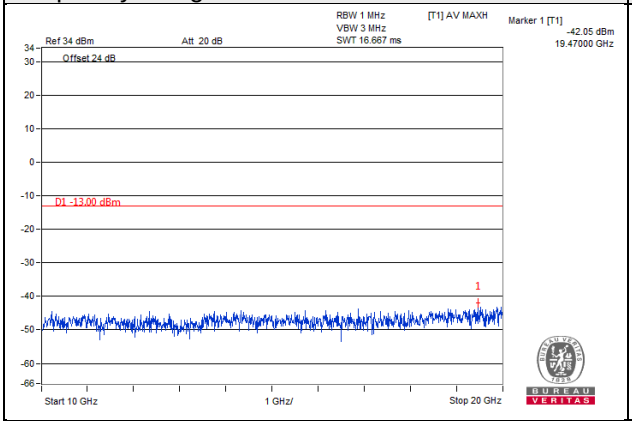
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 3MHz	
Channel 18900	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

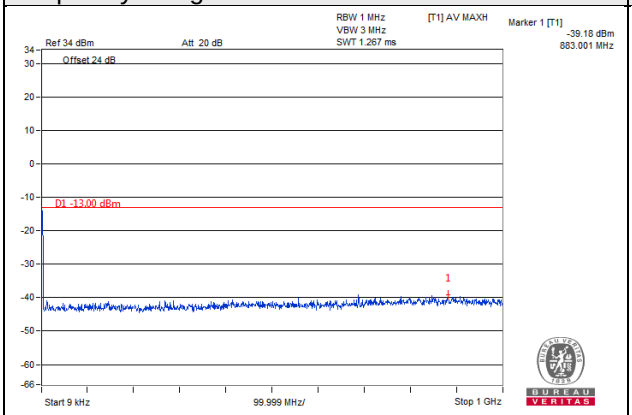
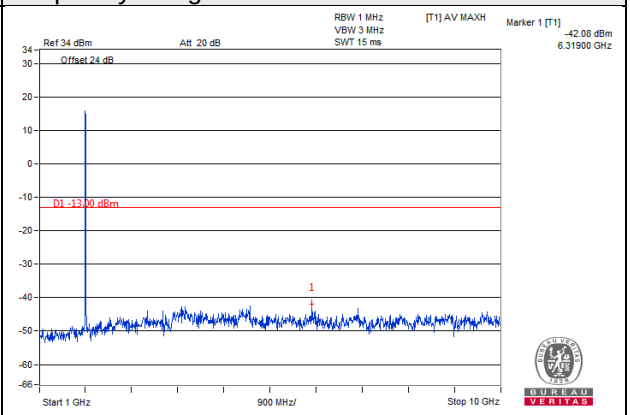
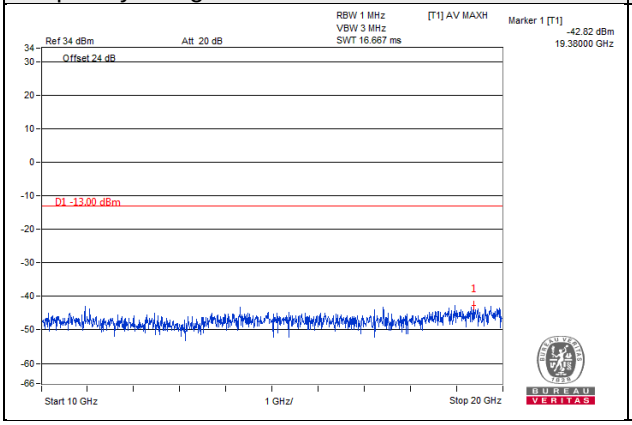
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 3MHz	
Channel 19185	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

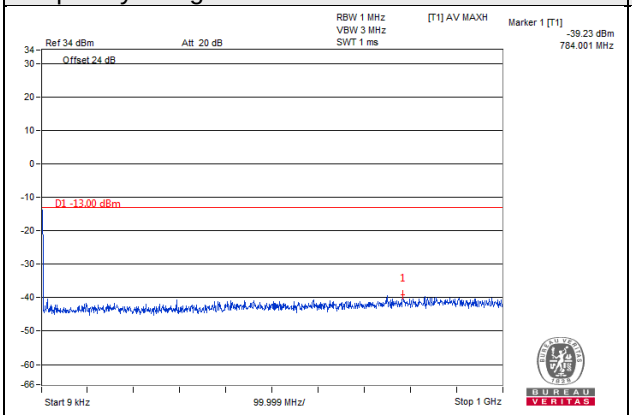
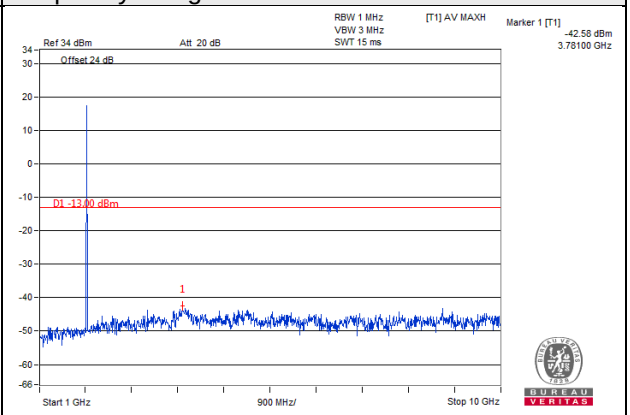
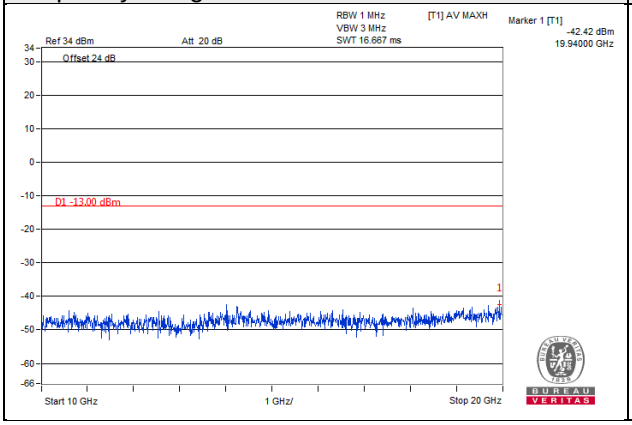
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 5MHz	
Channel 18625	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

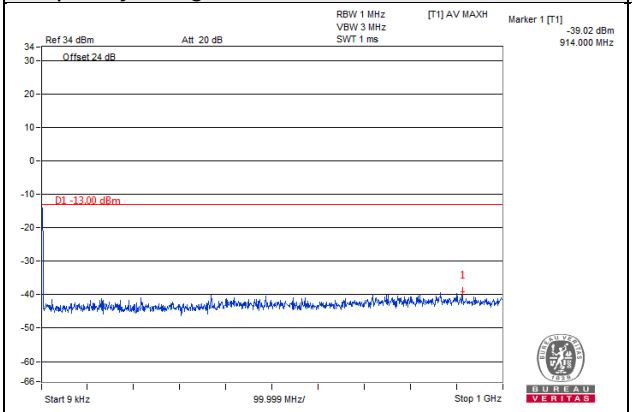
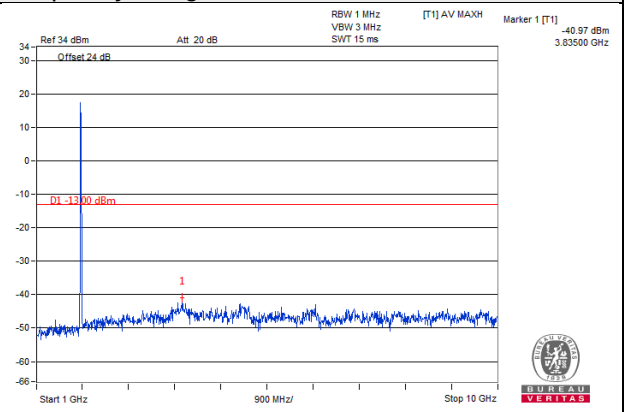
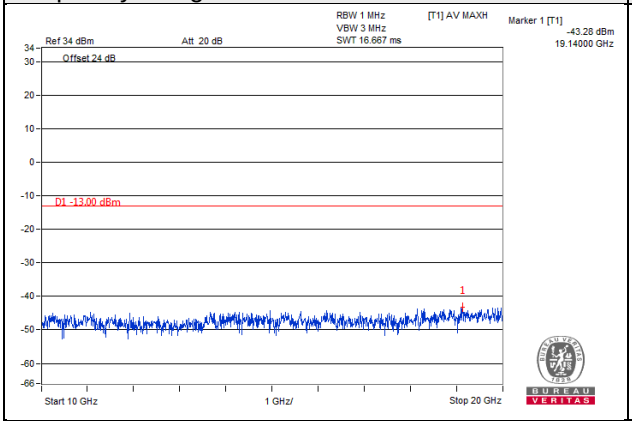
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 5MHz	
Channel 18900	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

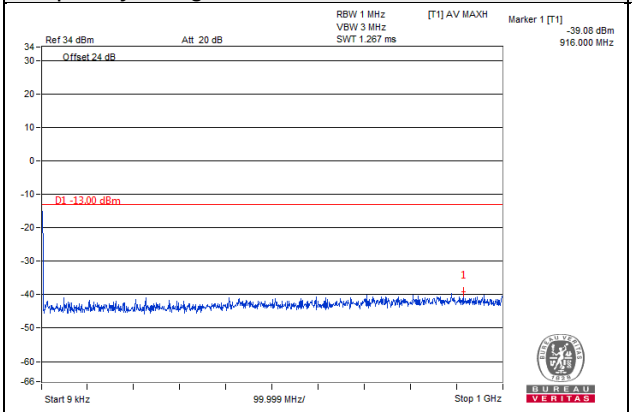
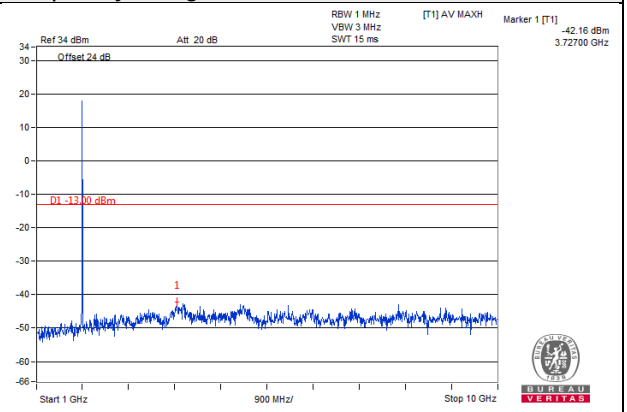
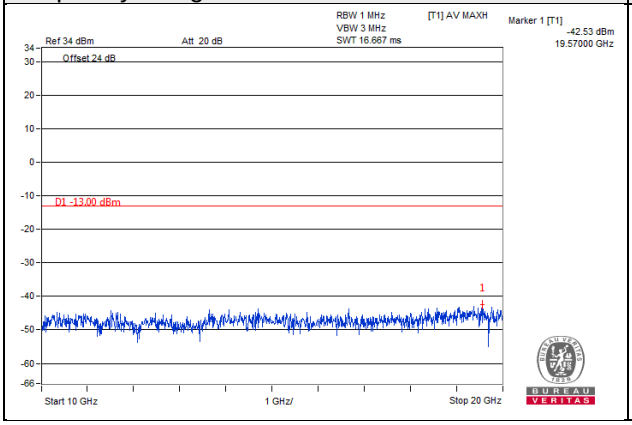
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 5MHz	
Channel 19175	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

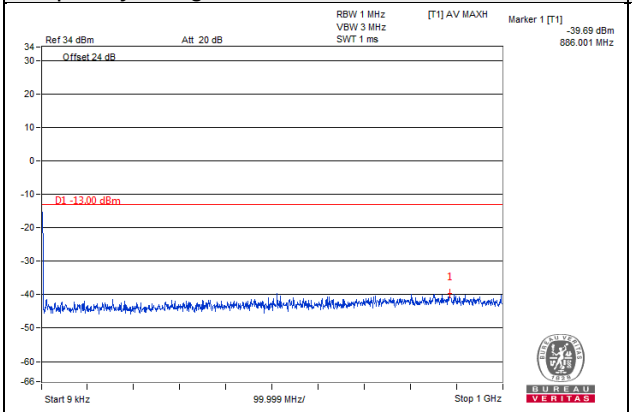
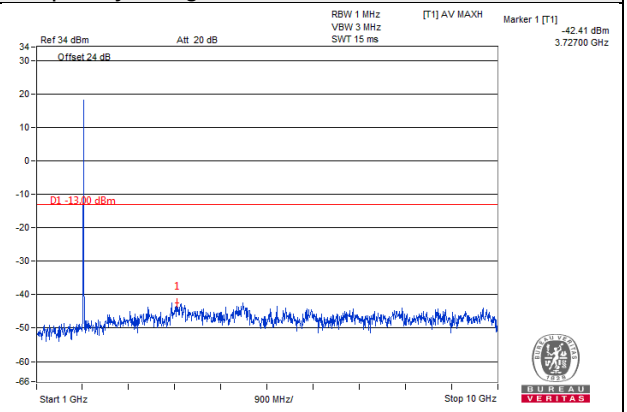
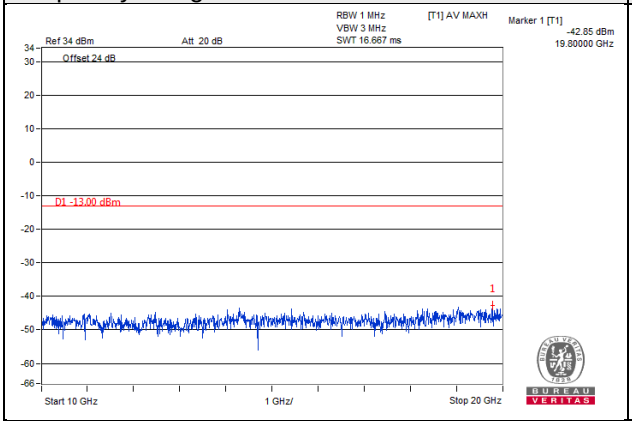
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 10MHz	
Channel 18650	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

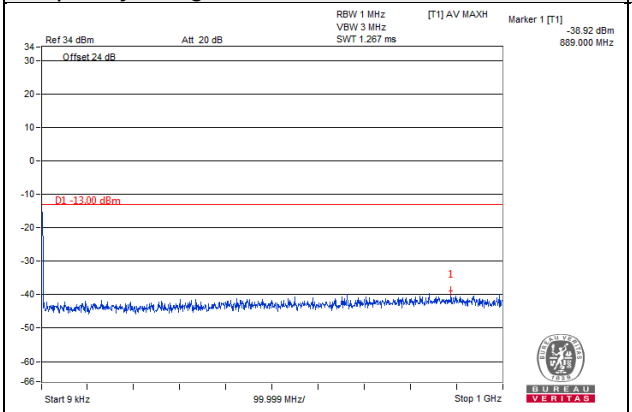
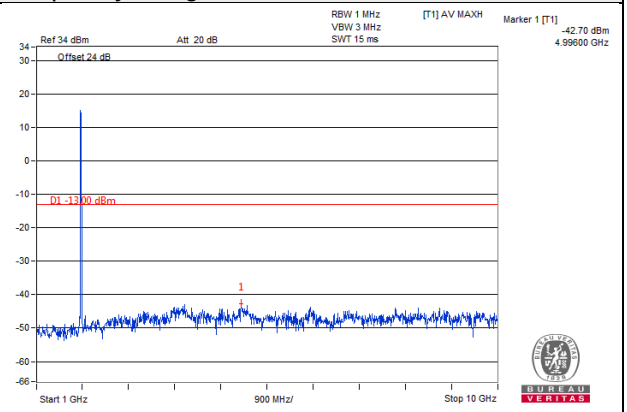
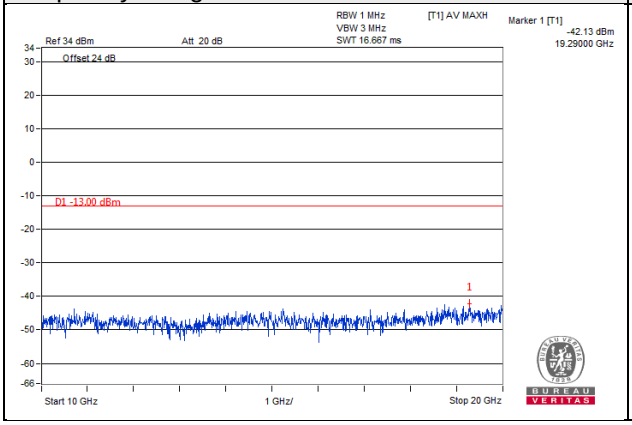
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 10MHz	
Channel 18900	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

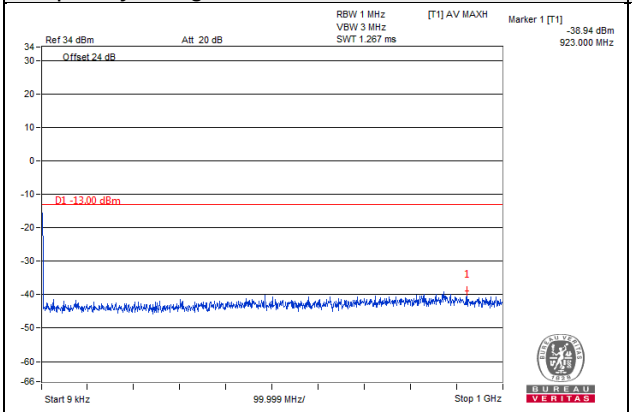
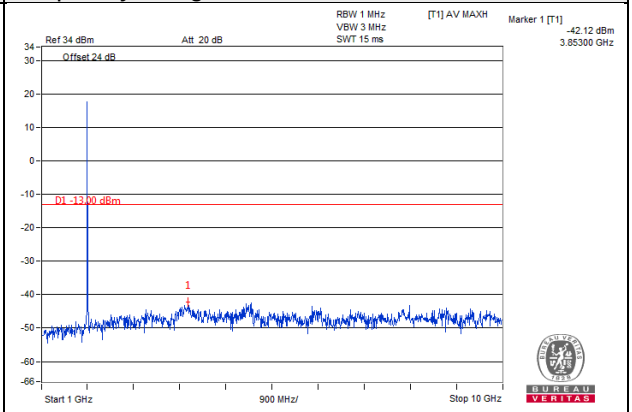
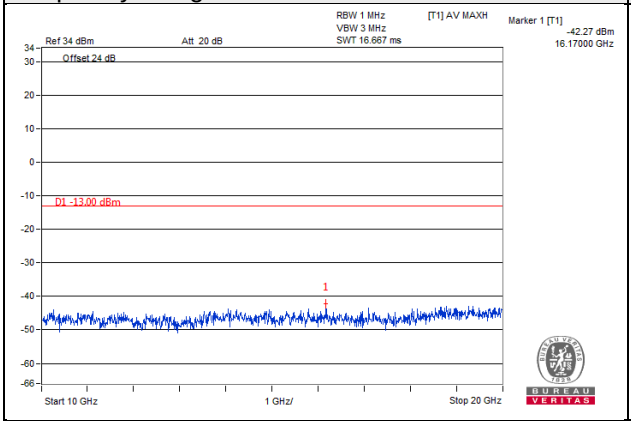
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 10MHz	
Channel 19150	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

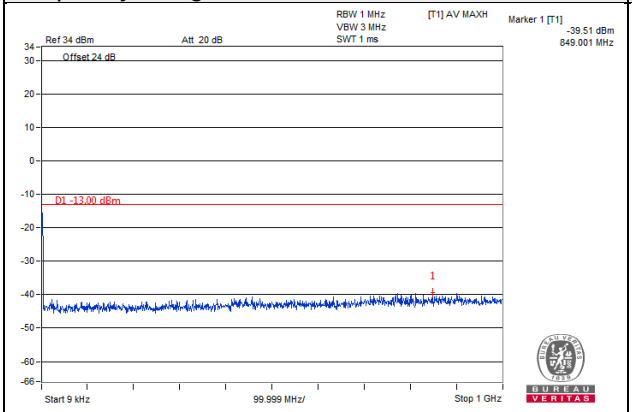
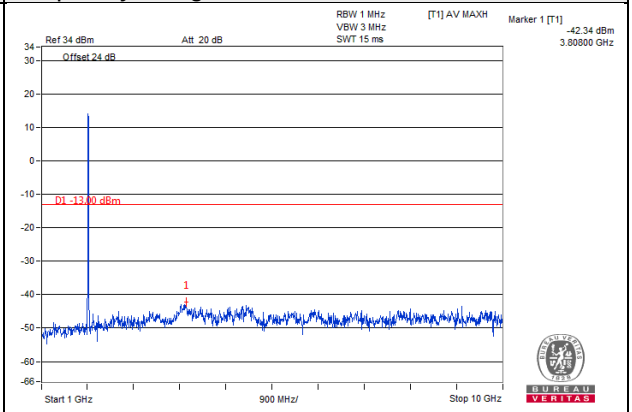
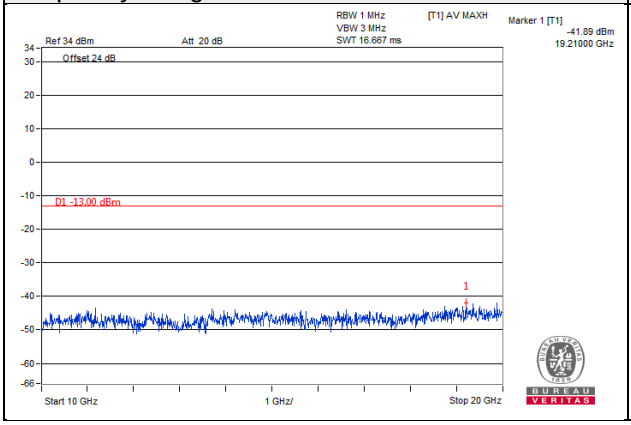
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 15MHz	
Channel 18675	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

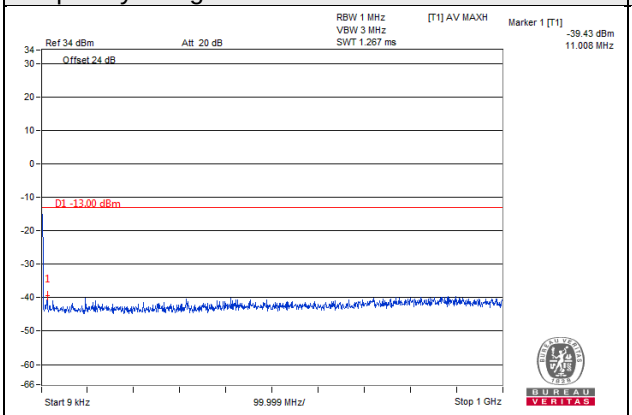
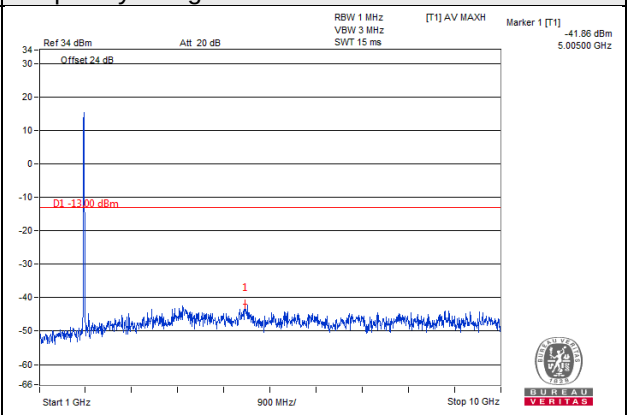
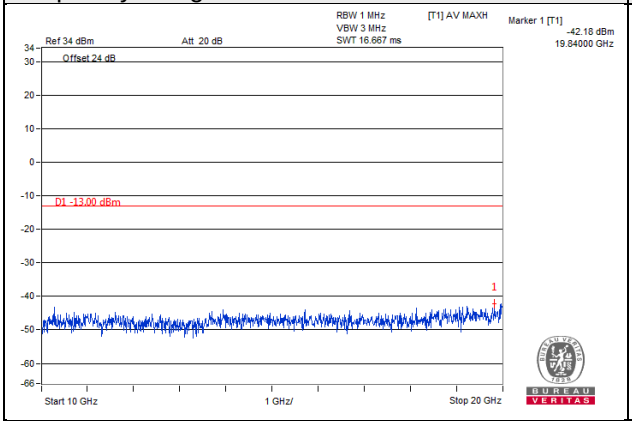
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 15MHz	
Channel 18900	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

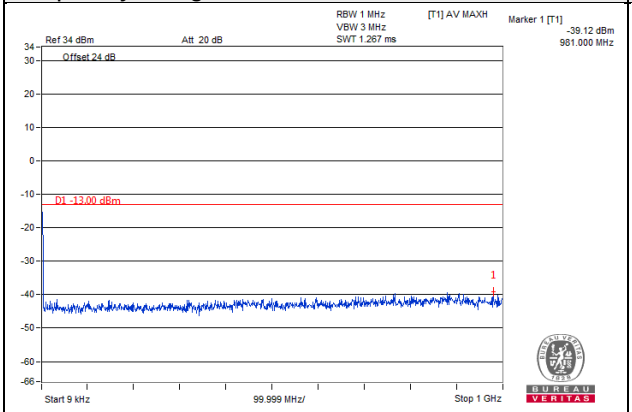
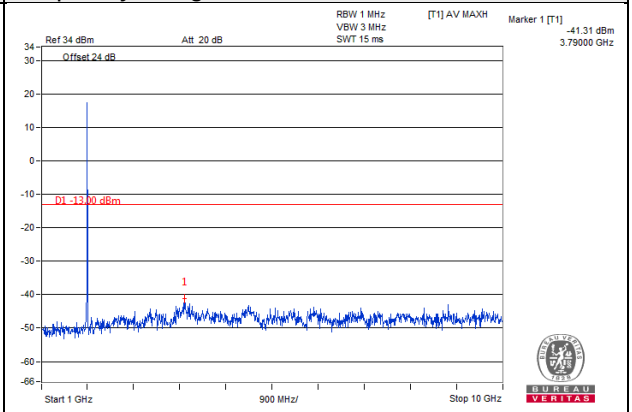
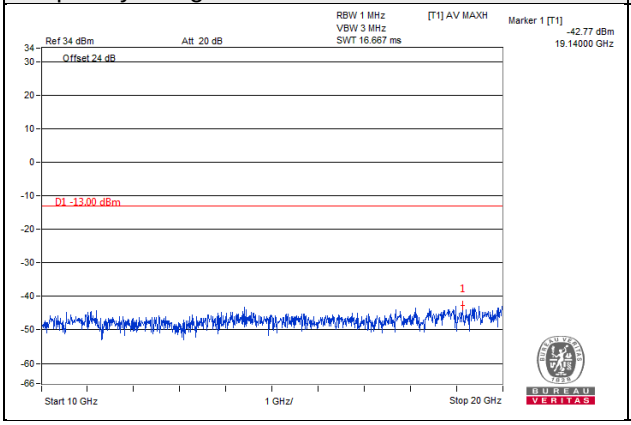
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 15MHz	
Channel 19125	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

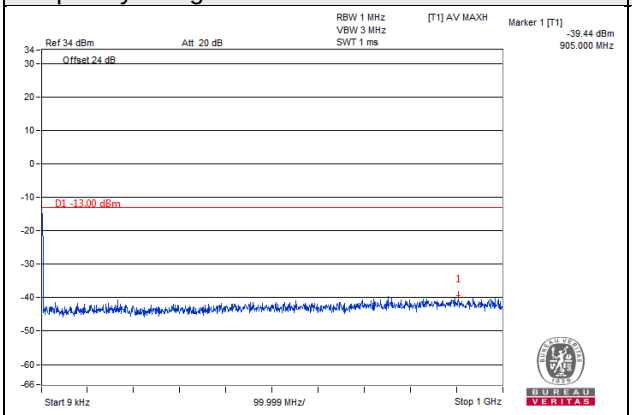
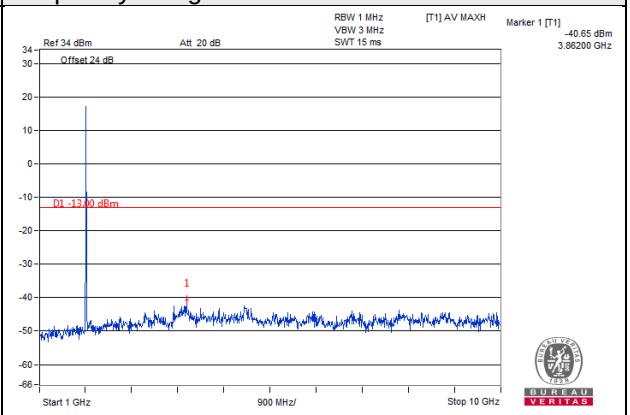
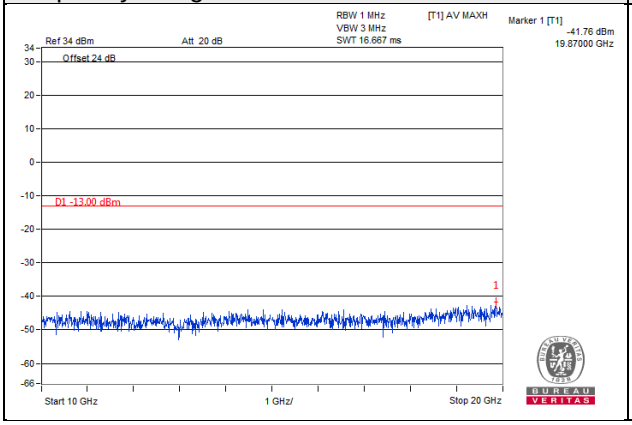
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 20MHz	
Channel 18700	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

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

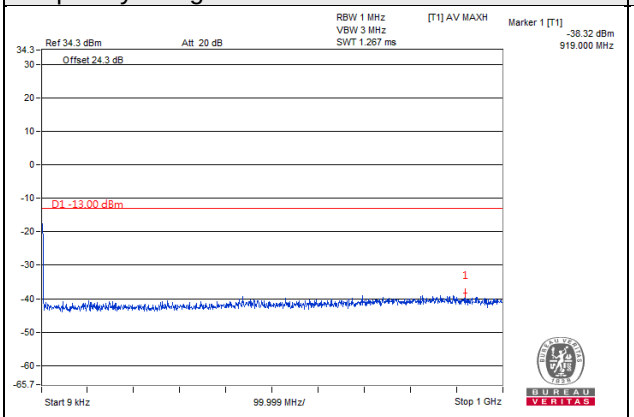
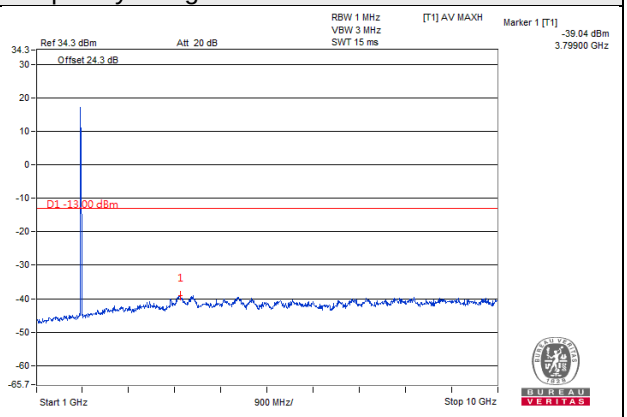
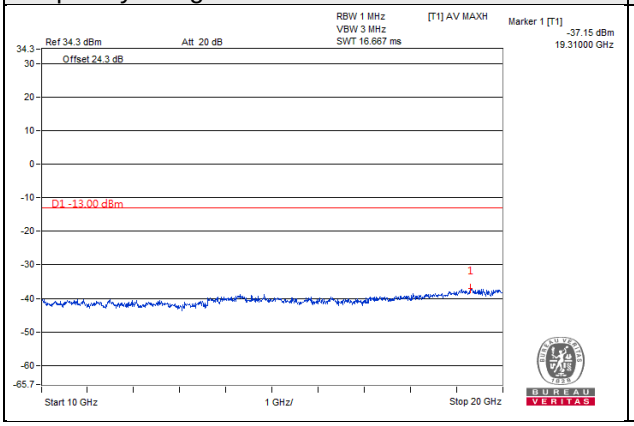
LTE Band 2 Channel Band width: 20MHz	
Channel 18900	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

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

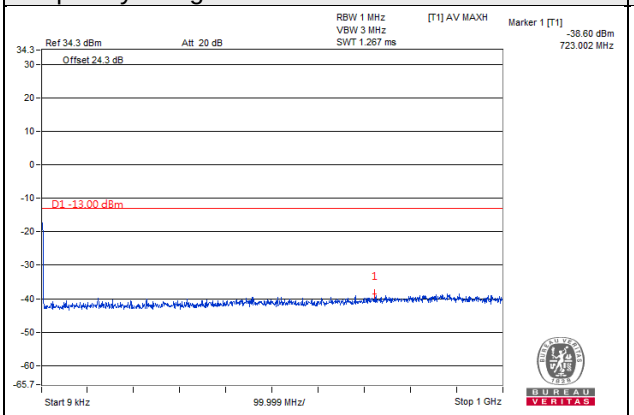
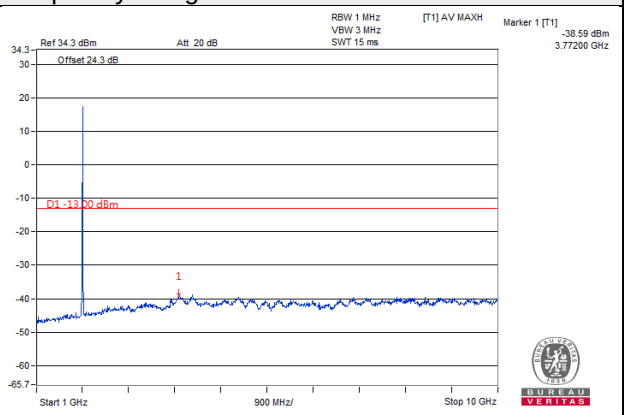
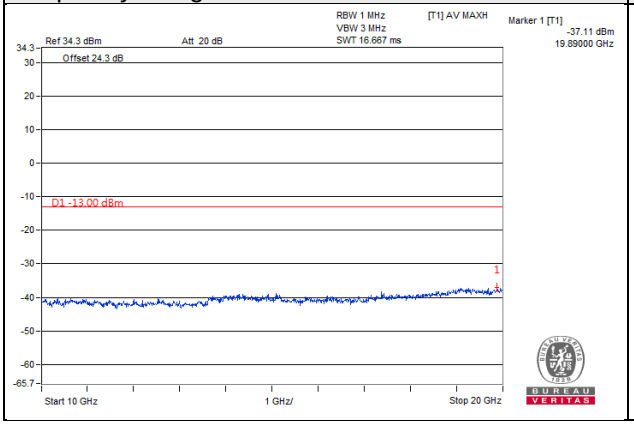
LTE Band 2 Channel Band width: 20MHz	
Channel 19100	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

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

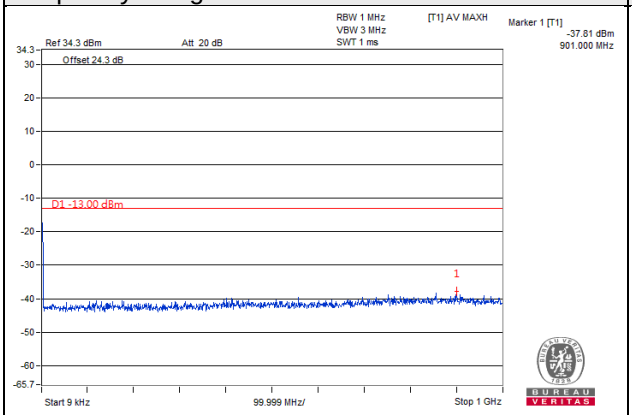
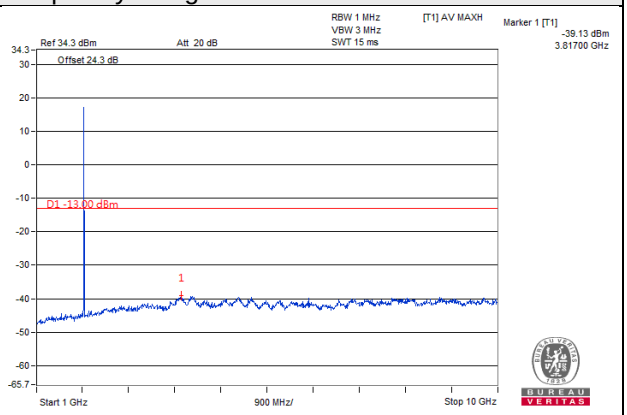
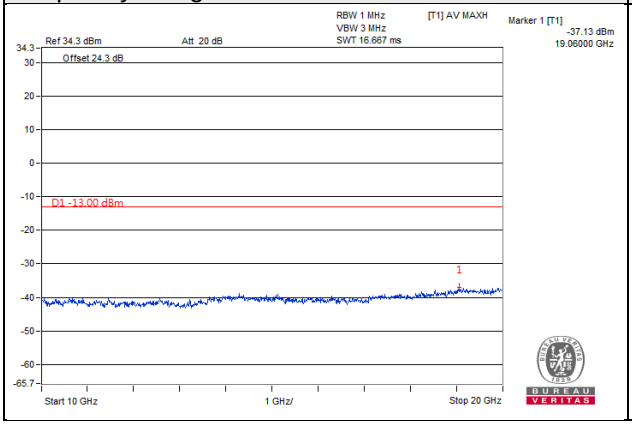
4.7.5 Test Results (Mode B)

LTE Band 2 Channel Band width: 1.4MHz	
Channel 18607	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

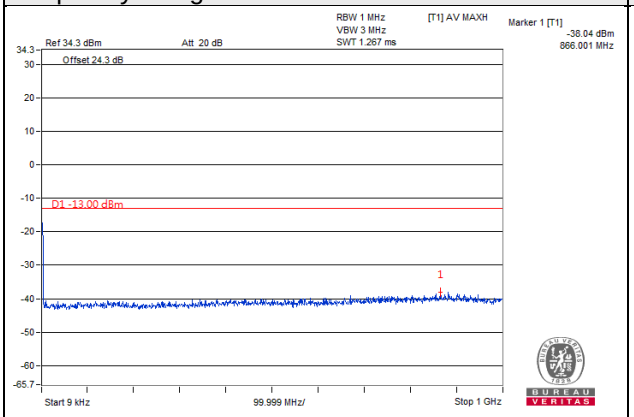
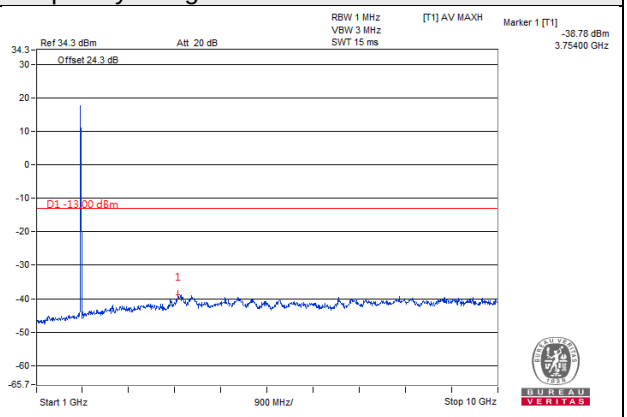
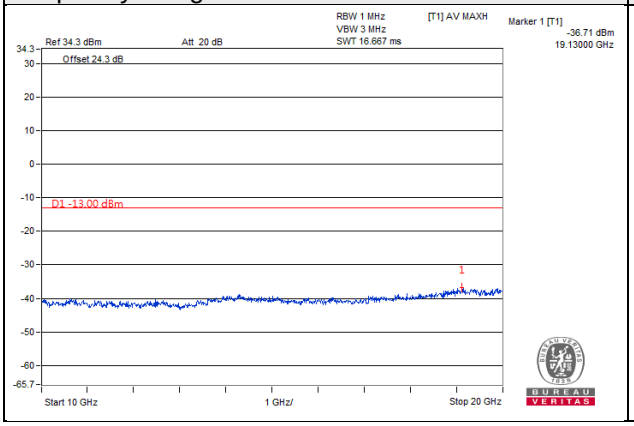
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 1.4MHz	
Channel 18900	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

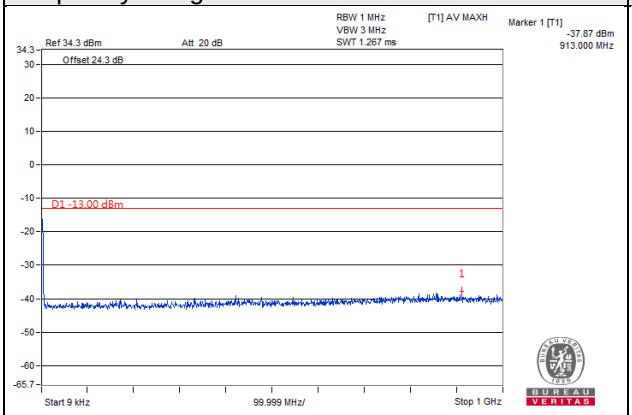
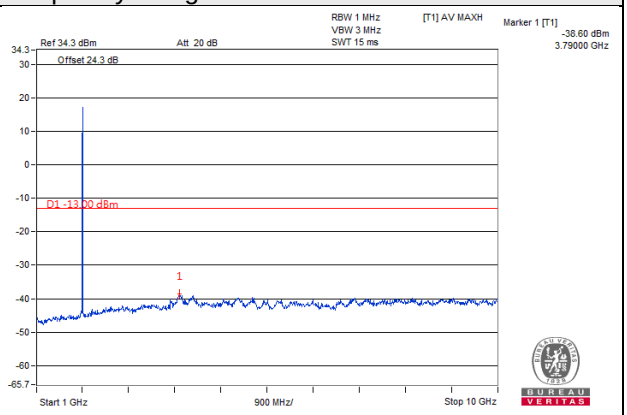
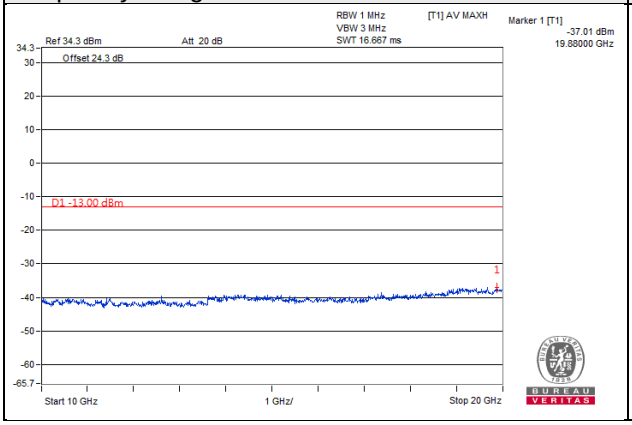
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 1.4MHz	
Channel 19193	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

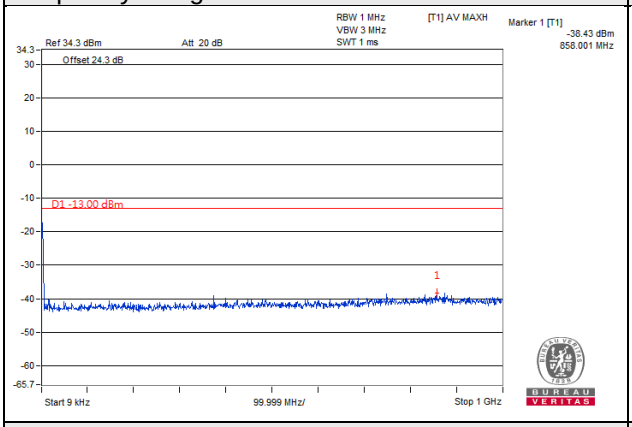
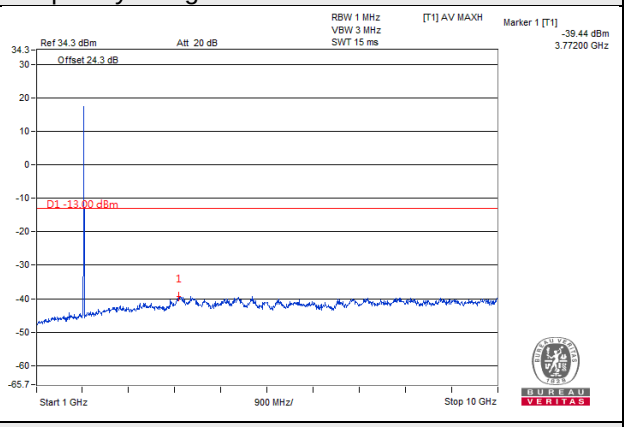
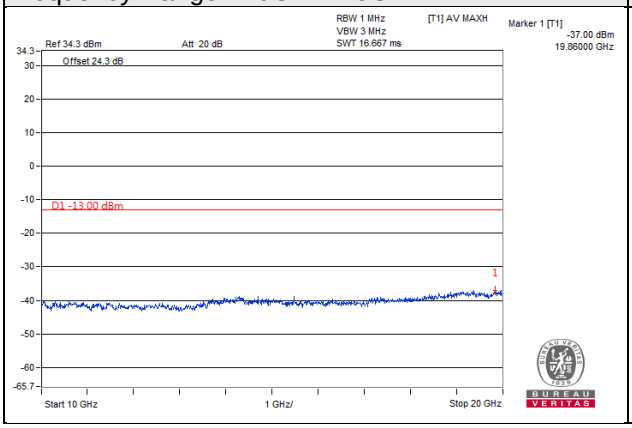
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 3MHz	
Channel 18615	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

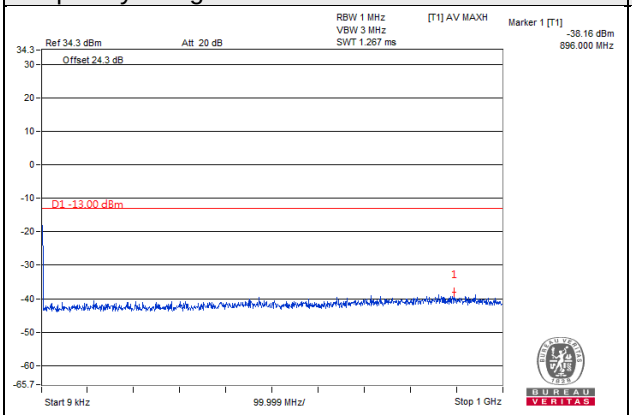
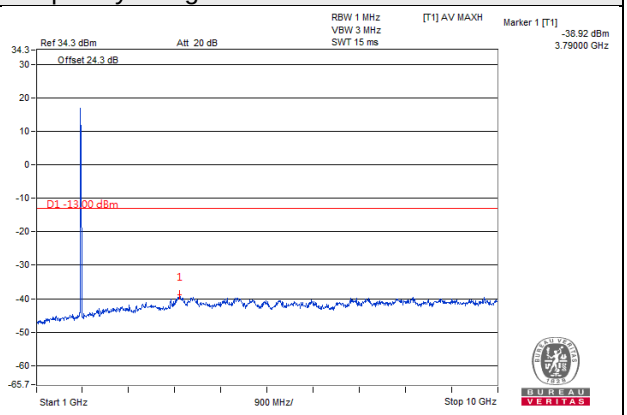
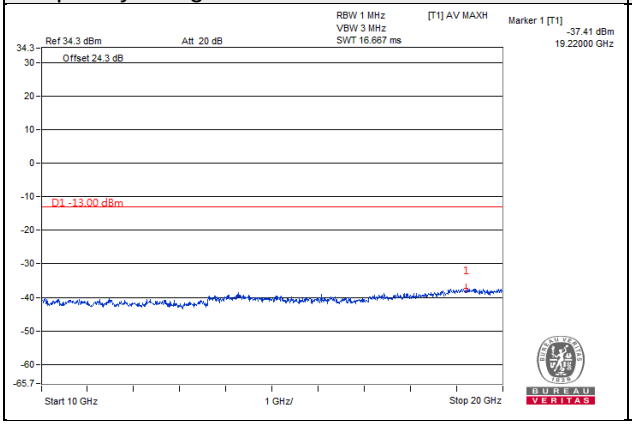
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 3MHz	
Channel 18900	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

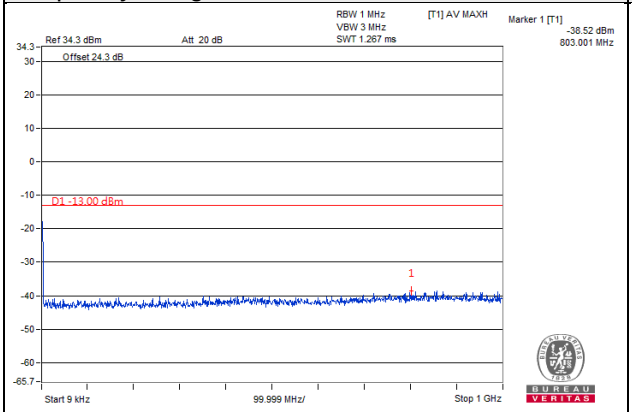
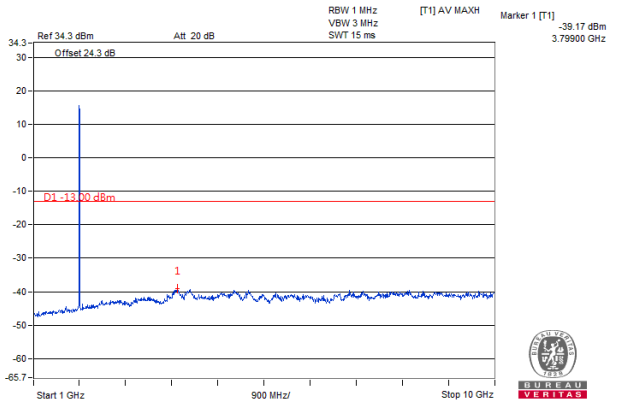
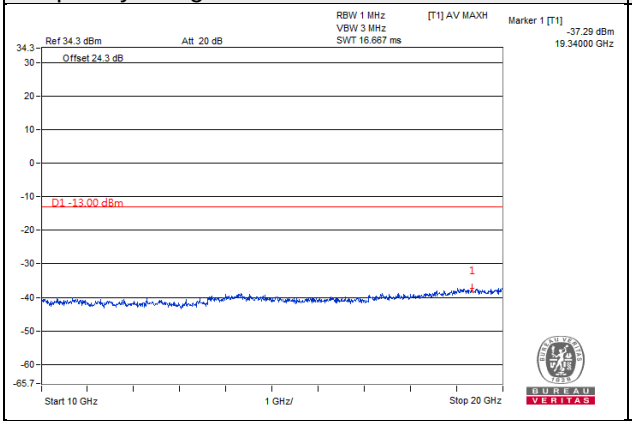
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 3MHz	
Channel 19185	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

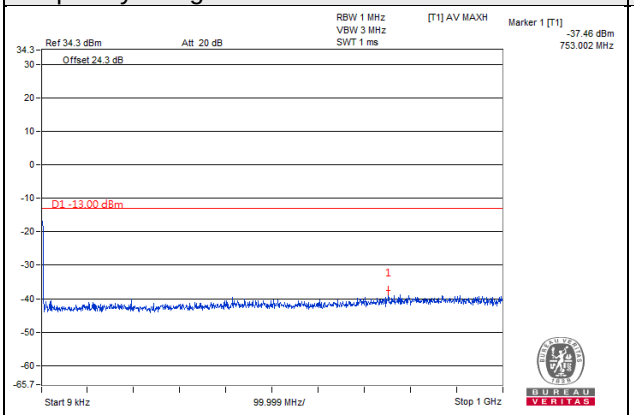
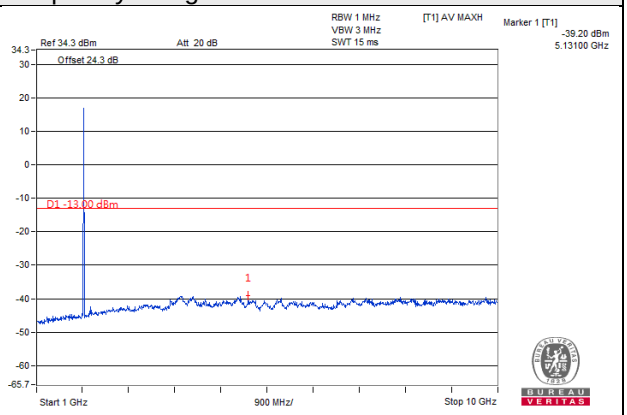
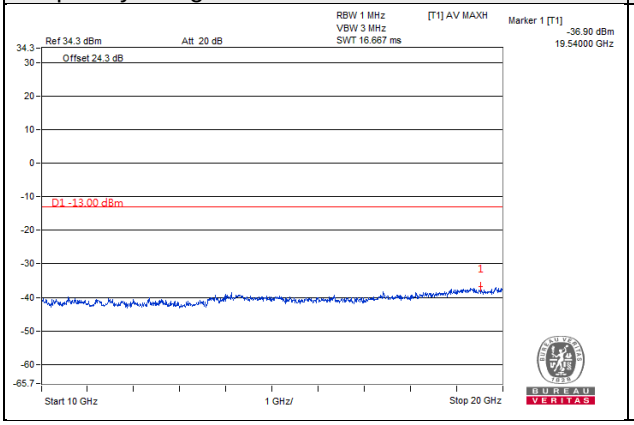
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 5MHz	
Channel 18625	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

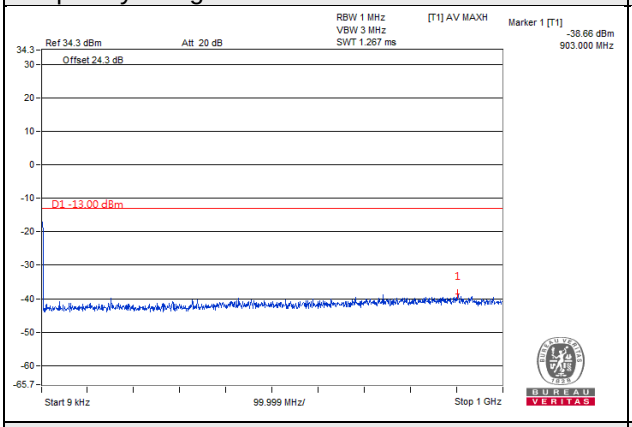
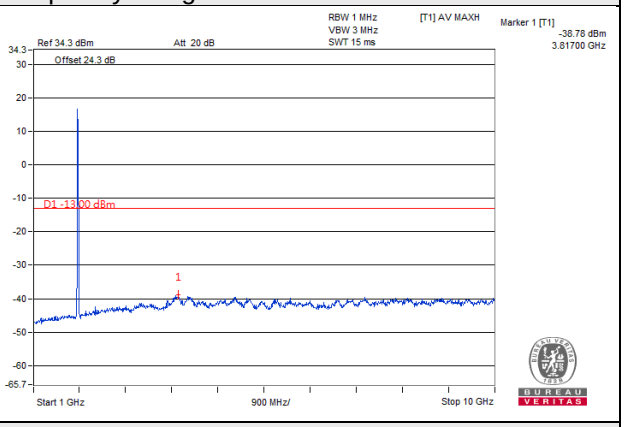
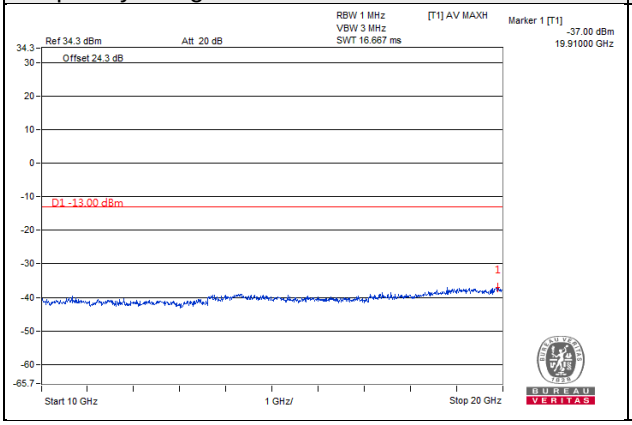
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 5MHz	
Channel 18900	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

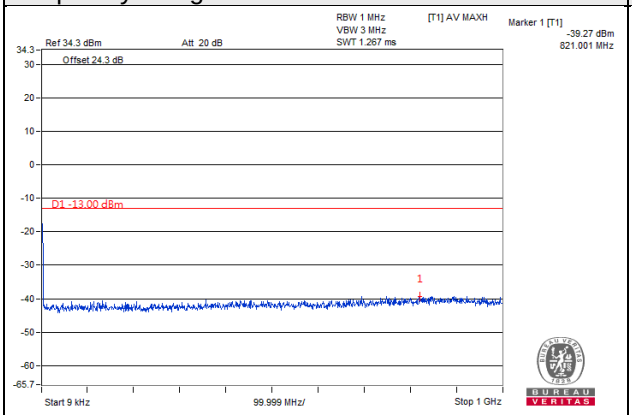
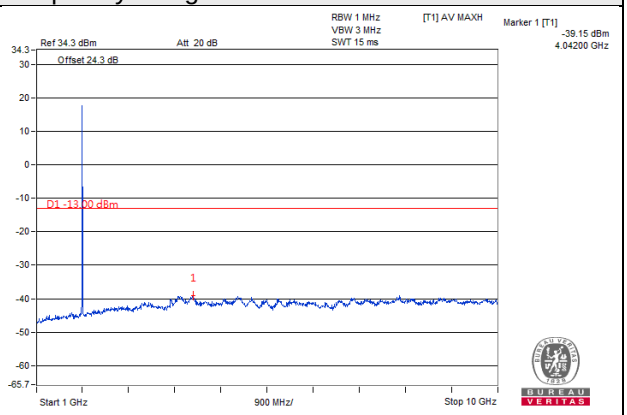
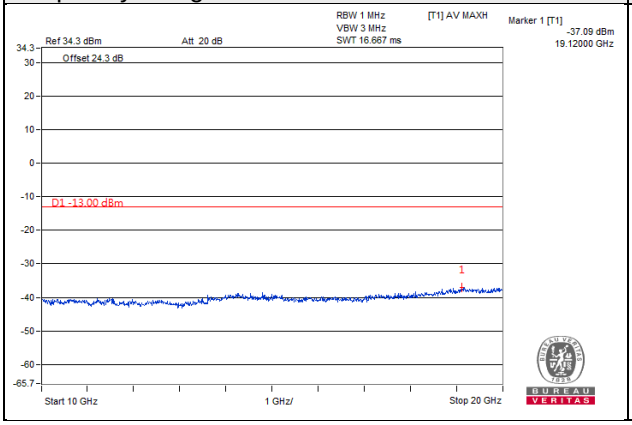
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 5MHz	
Channel 19175	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

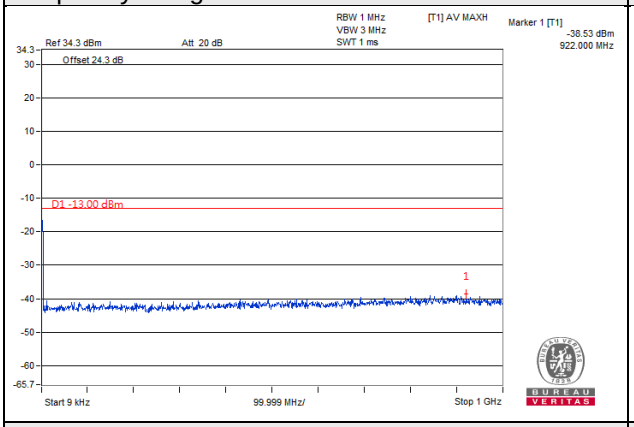
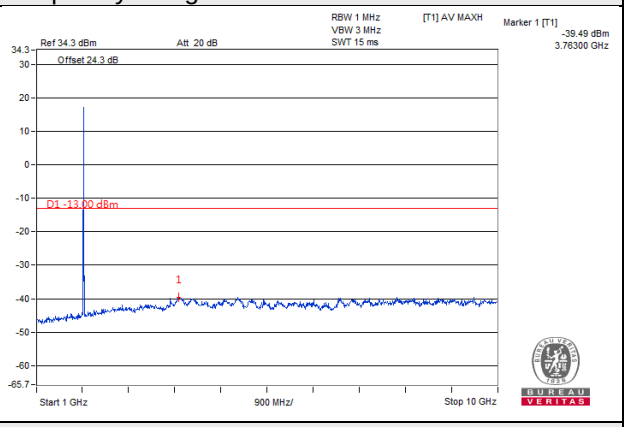
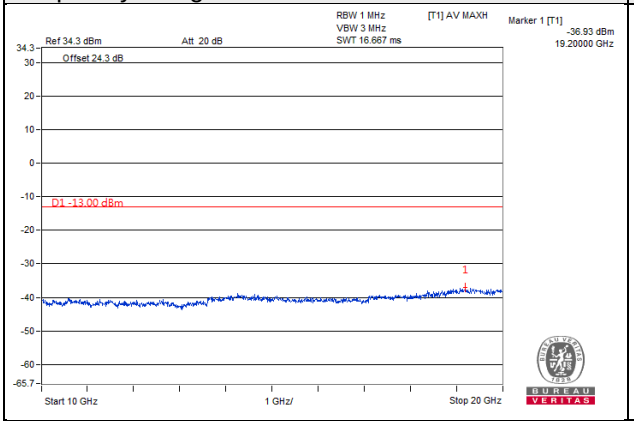
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 10MHz	
Channel 18650	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

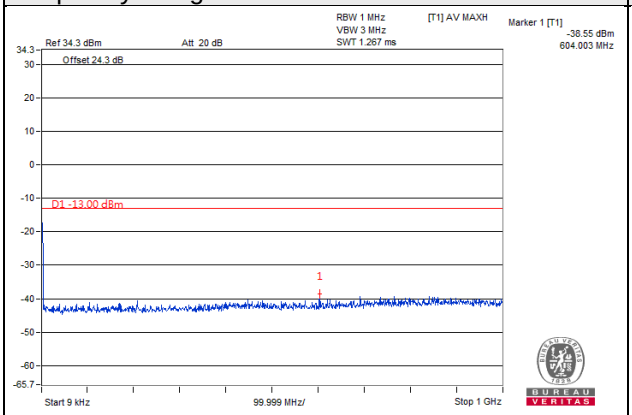
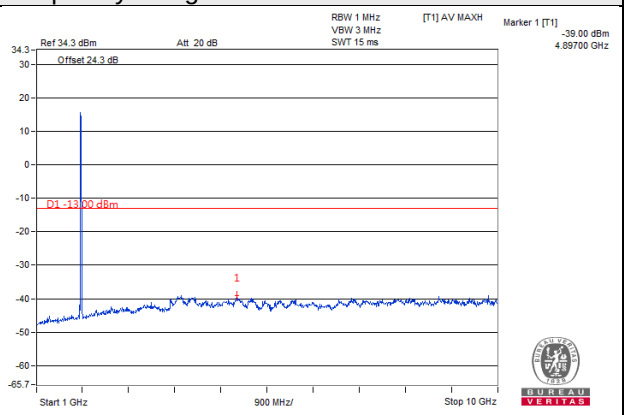
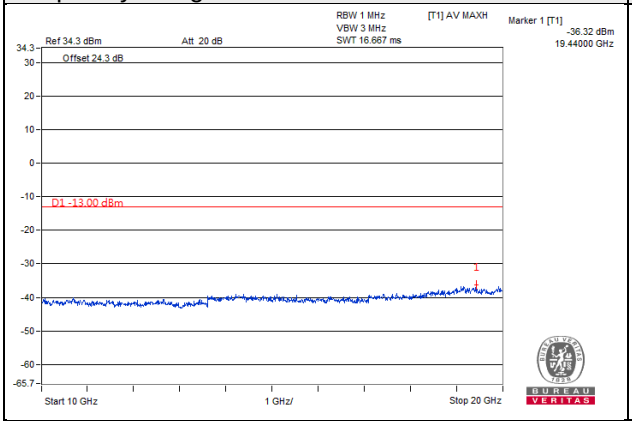
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 10MHz	
Channel 18900	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

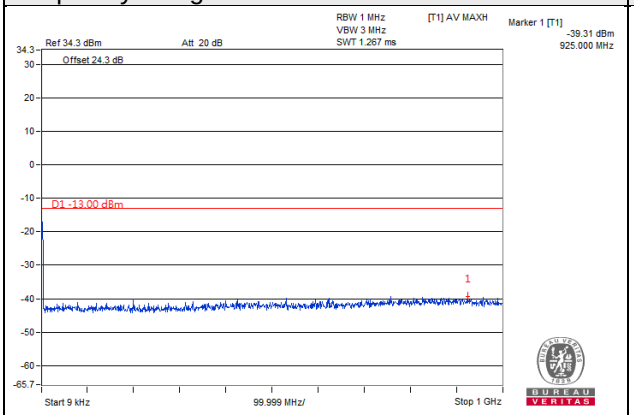
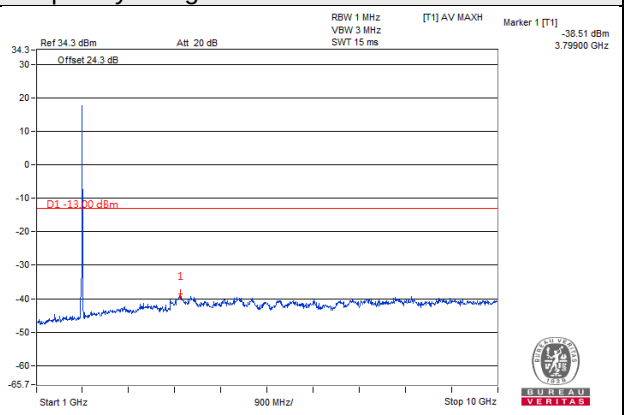
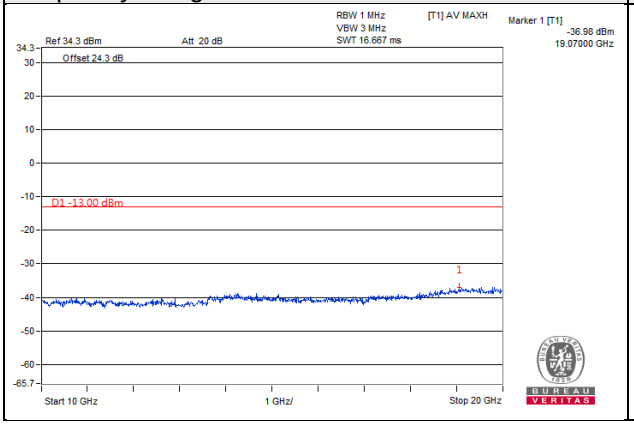
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 10MHz	
Channel 19150	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

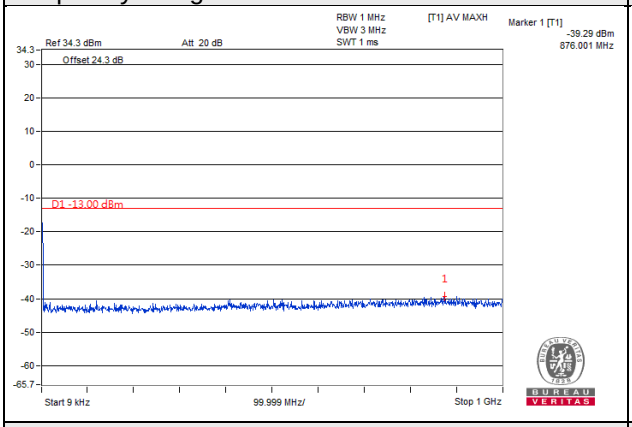
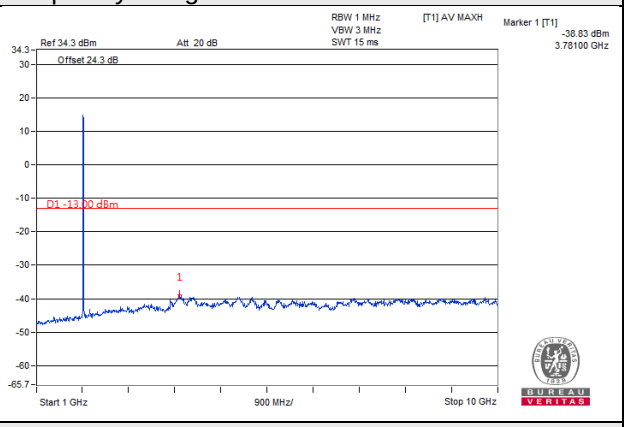
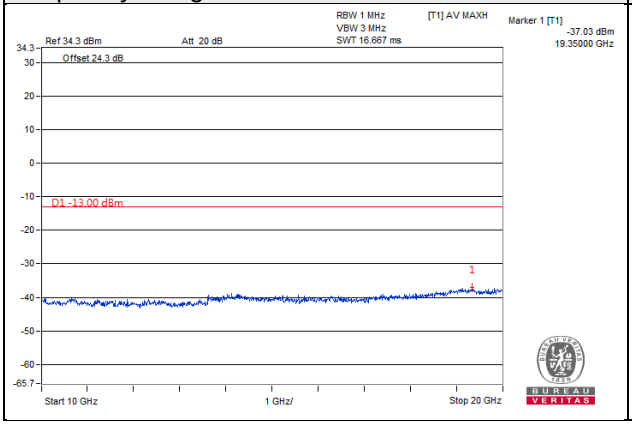
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 15MHz	
Channel 18675	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

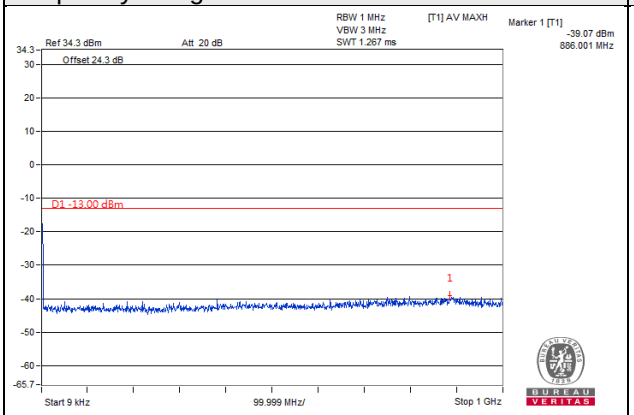
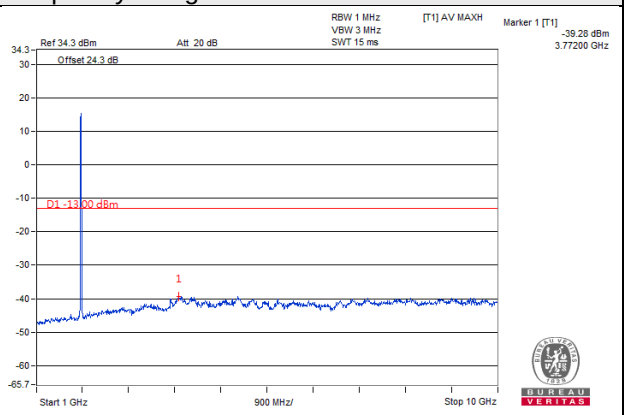
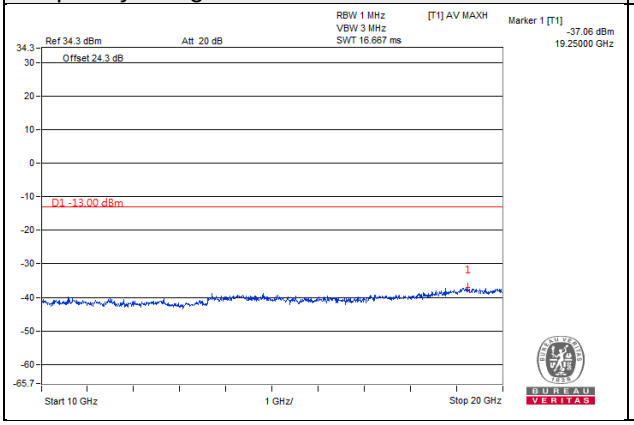
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 15MHz	
Channel 18900	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

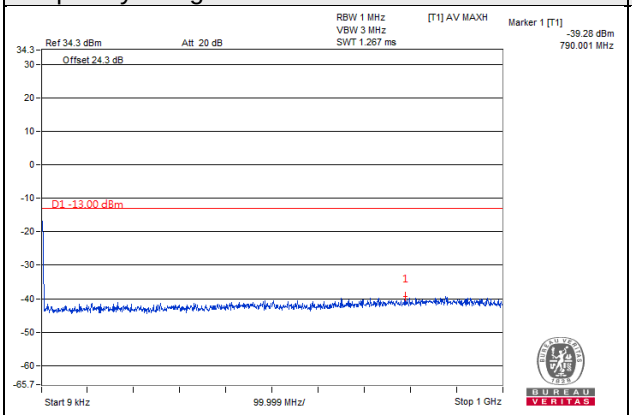
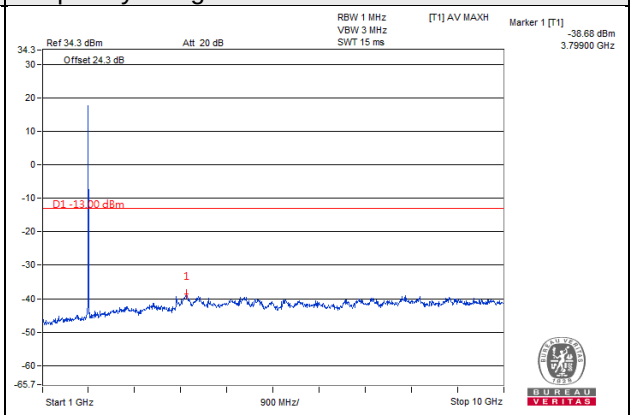
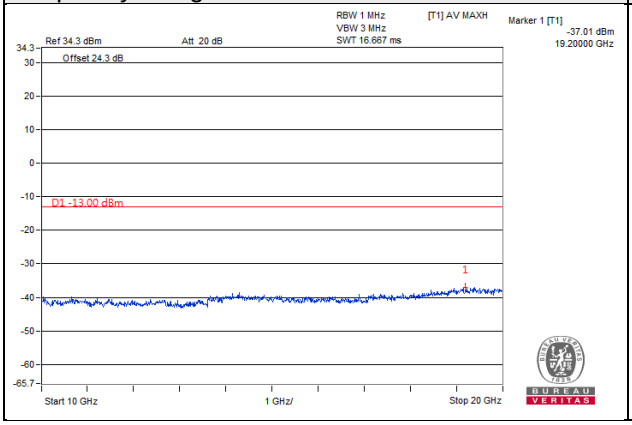
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 15MHz	
Channel 19125	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

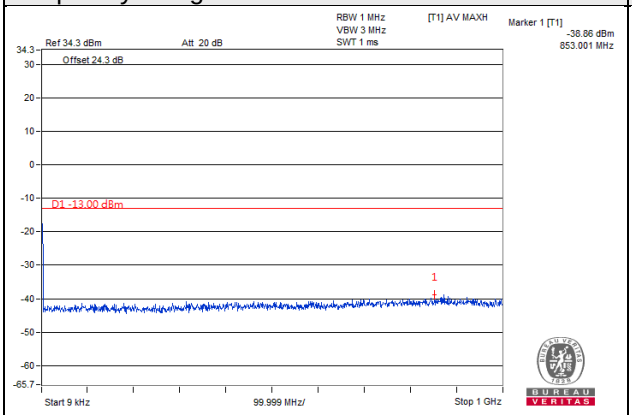
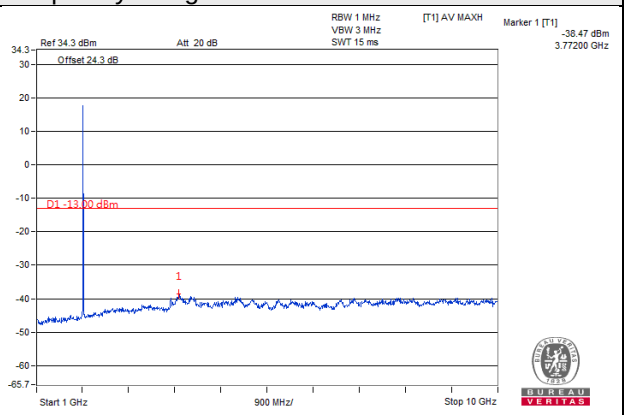
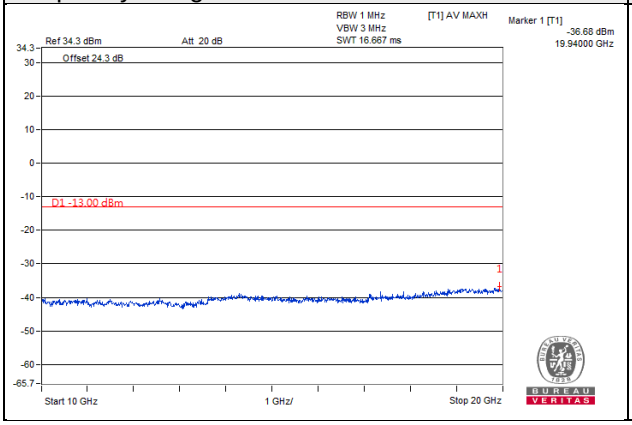
Note: The signal of 9kHz is IF signal from test instrument.

LTE Band 2 Channel Band width: 20MHz	
Channel 18700	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

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

LTE Band 2 Channel Band width: 20MHz	
Channel 18900	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

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

LTE Band 2 Channel Band width: 20MHz	
Channel 19100	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
	
Frequency Range : 10GHz~20GHz	
	

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. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = Read Value (dBμV/m) - Correction Factor @ 3m

d. Correction Factor (dB) @ 3M = 20log(D) − 104.8; where D is the measurement distance @3m =-95.26dB

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

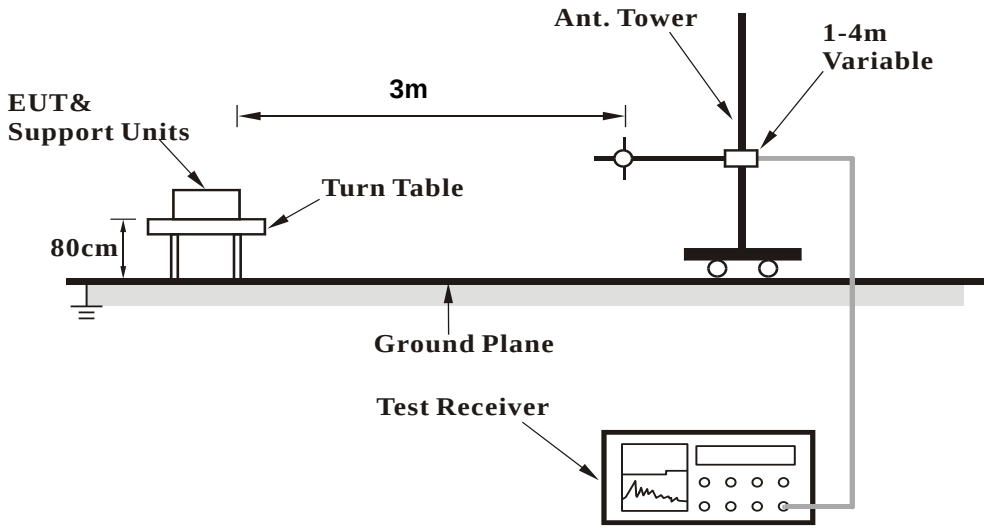
NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.8.3 Deviation from Test Standard

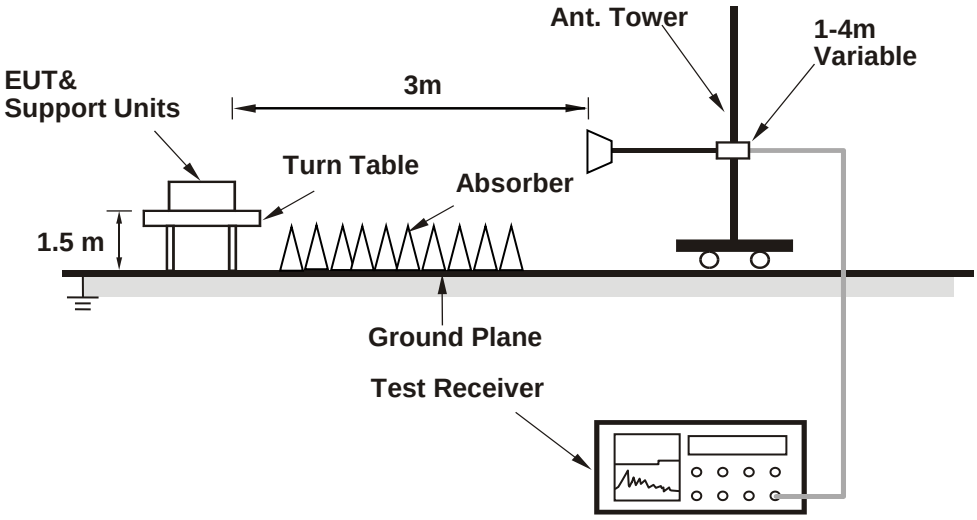
No deviation.

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 (Mode A)

BELOW 1GHz

LTE Band 2: 1.4 MHz

Mode	TX channel 18607	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	31.13	24.1	-95.26	-71.16	-13	-58.16
2	98.71	32.93	-95.26	-62.33	-13	-49.33
3	148.44	25.09	-95.26	-70.17	-13	-57.17
4	178.33	27.24	-95.26	-68.02	-13	-55.02
5	312.75	31.17	-95.26	-64.09	-13	-51.09
6	432.47	25.65	-95.26	-69.61	-13	-56.61
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	40.33	31.2	-95.26	-64.06	-13	-51.06
2	82.16	28.65	-95.26	-66.61	-13	-53.61
3	125.9	25.23	-95.26	-70.03	-13	-57.03
4	167.77	23.78	-95.26	-71.48	-13	-58.48
5	316.24	26.77	-95.26	-68.49	-13	-55.49
6	546.91	28.33	-95.26	-66.93	-13	-53.93

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	32.63	23.91	-95.26	-71.35	-13	-58.35
2	99.36	32.44	-95.26	-62.82	-13	-49.82
3	149.24	25.59	-95.26	-69.67	-13	-56.67
4	179.84	26.97	-95.26	-68.29	-13	-55.29
5	312.55	30.28	-95.26	-64.98	-13	-51.98
6	431.68	24.86	-95.26	-70.40	-13	-57.40
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	39.51	32.41	-95.26	-62.85	-13	-49.85
2	83.24	28.03	-95.26	-67.23	-13	-54.23
3	125.27	24.88	-95.26	-70.38	-13	-57.38
4	167.35	24.32	-95.26	-70.94	-13	-57.94
5	316.34	26.46	-95.26	-68.80	-13	-55.80
6	547.16	27.76	-95.26	-67.50	-13	-54.50

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19193	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	32.37	23.58	-95.26	-71.68	-13	-58.68
2	98.35	32.96	-95.26	-62.30	-13	-49.30
3	149.1	25.61	-95.26	-69.65	-13	-56.65
4	178.53	27.48	-95.26	-67.78	-13	-54.78
5	312.38	30.83	-95.26	-64.43	-13	-51.43
6	432.56	25.58	-95.26	-69.68	-13	-56.68
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	39.93	32.18	-95.26	-63.08	-13	-50.08
2	83.18	28.42	-95.26	-66.84	-13	-53.84
3	125.33	25.22	-95.26	-70.04	-13	-57.04
4	166.92	25.01	-95.26	-70.25	-13	-57.25
5	315.45	27.1	-95.26	-68.16	-13	-55.16
6	546.82	27.82	-95.26	-67.44	-13	-54.44

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 3 MHz

Mode	TX channel 18615	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	32.09	24.55	-95.26	-70.71	-13	-57.71
2	99.7	32.55	-95.26	-62.71	-13	-49.71
3	148.02	25.4	-95.26	-69.86	-13	-56.86
4	179.95	27.21	-95.26	-68.05	-13	-55.05
5	312.42	30.93	-95.26	-64.33	-13	-51.33
6	432.51	24.65	-95.26	-70.61	-13	-57.61
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	39.29	32.27	-95.26	-62.99	-13	-49.99
2	83.07	28.67	-95.26	-66.59	-13	-53.59
3	126.39	25.65	-95.26	-69.61	-13	-56.61
4	167.44	24.61	-95.26	-70.65	-13	-57.65
5	315.76	27.76	-95.26	-67.50	-13	-54.50
6	546.54	27.96	-95.26	-67.30	-13	-54.30

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	31.36	24.6	-95.26	-70.66	-13	-57.66
2	100.14	31.87	-95.26	-63.39	-13	-50.39
3	149.13	26.21	-95.26	-69.05	-13	-56.05
4	178.38	26.6	-95.26	-68.66	-13	-55.66
5	311.79	30.81	-95.26	-64.45	-13	-51.45
6	431.73	24.87	-95.26	-70.39	-13	-57.39
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	40.13	31.73	-95.26	-63.53	-13	-50.53
2	83.44	28.45	-95.26	-66.81	-13	-53.81
3	125.36	26.17	-95.26	-69.09	-13	-56.09
4	168.21	24.8	-95.26	-70.46	-13	-57.46
5	316.76	27.82	-95.26	-67.44	-13	-54.44
6	546.84	28.08	-95.26	-67.18	-13	-54.18

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19185	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	32.48	23.93	-95.26	-71.33	-13	-58.33
2	99.99	32.47	-95.26	-62.79	-13	-49.79
3	148.95	25.06	-95.26	-70.20	-13	-57.20
4	179.74	26.84	-95.26	-68.42	-13	-55.42
5	311.96	30.13	-95.26	-65.13	-13	-52.13
6	433.61	24.81	-95.26	-70.45	-13	-57.45
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	38.71	32.14	-95.26	-63.12	-13	-50.12
2	82.08	28.08	-95.26	-67.18	-13	-54.18
3	124.96	25.74	-95.26	-69.52	-13	-56.52
4	167.88	24.93	-95.26	-70.33	-13	-57.33
5	316.97	26.99	-95.26	-68.27	-13	-55.27
6	546.51	28.42	-95.26	-66.84	-13	-53.84

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 5 MHz

Mode	TX channel 18625	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	31.87	23.95	-95.26	-71.31	-13	-58.31
2	99.81	31.83	-95.26	-63.43	-13	-50.43
3	149.68	25.76	-95.26	-69.50	-13	-56.50
4	179.6	27.11	-95.26	-68.15	-13	-55.15
5	312.71	30.86	-95.26	-64.40	-13	-51.40
6	431.81	25.9	-95.26	-69.36	-13	-56.36
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	38.72	31.11	-95.26	-64.15	-13	-51.15
2	82.72	28	-95.26	-67.26	-13	-54.26
3	126.52	26.05	-95.26	-69.21	-13	-56.21
4	168.06	25.06	-95.26	-70.20	-13	-57.20
5	317.25	26.86	-95.26	-68.40	-13	-55.40
6	545.96	28.24	-95.26	-67.02	-13	-54.02

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	31.76	24.39	-95.26	-70.87	-13	-57.87
2	99.9	32.46	-95.26	-62.80	-13	-49.80
3	149.41	25.88	-95.26	-69.38	-13	-56.38
4	179.89	26.17	-95.26	-69.09	-13	-56.09
5	313.06	31.12	-95.26	-64.14	-13	-51.14
6	432.49	26	-95.26	-69.26	-13	-56.26
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	38.87	31.86	-95.26	-63.40	-13	-50.40
2	83.48	28.37	-95.26	-66.89	-13	-53.89
3	126.55	26.24	-95.26	-69.02	-13	-56.02
4	168.37	24.5	-95.26	-70.76	-13	-57.76
5	316.35	27.21	-95.26	-68.05	-13	-55.05
6	546.32	27.81	-95.26	-67.45	-13	-54.45

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19175	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	32	23.98	-95.26	-71.28	-13	-58.28
2	99.98	32.04	-95.26	-63.22	-13	-50.22
3	149.68	24.88	-95.26	-70.38	-13	-57.38
4	179.53	27.05	-95.26	-68.21	-13	-55.21
5	311.37	30.33	-95.26	-64.93	-13	-51.93
6	431.85	25.84	-95.26	-69.42	-13	-56.42
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	40.15	32.07	-95.26	-63.19	-13	-50.19
2	82.56	28.92	-95.26	-66.34	-13	-53.34
3	125.91	25.61	-95.26	-69.65	-13	-56.65
4	166.95	24.2	-95.26	-71.06	-13	-58.06
5	315.95	26.77	-95.26	-68.49	-13	-55.49
6	547.08	28.36	-95.26	-66.90	-13	-53.90

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 10 MHz

Mode	TX channel 18650	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	31.01	23.58	-95.26	-71.68	-13	-58.68
2	99.22	32.02	-95.26	-63.24	-13	-50.24
3	149.26	26.06	-95.26	-69.20	-13	-56.20
4	179.64	26.84	-95.26	-68.42	-13	-55.42
5	312.72	30.62	-95.26	-64.64	-13	-51.64
6	431.87	24.62	-95.26	-70.64	-13	-57.64
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	39.02	32.14	-95.26	-63.12	-13	-50.12
2	83.64	28.04	-95.26	-67.22	-13	-54.22
3	125.04	24.91	-95.26	-70.35	-13	-57.35
4	167.27	24.65	-95.26	-70.61	-13	-57.61
5	315.67	27.01	-95.26	-68.25	-13	-55.25
6	545.25	27.83	-95.26	-67.43	-13	-54.43

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	31.06	24.91	-95.26	-70.35	-13	-57.35
2	99.13	33.12	-95.26	-62.14	-13	-49.14
3	149.7	24.99	-95.26	-70.27	-13	-57.27
4	179.05	26.14	-95.26	-69.12	-13	-56.12
5	311.71	29.73	-95.26	-65.53	-13	-52.53
6	433.09	24.62	-95.26	-70.64	-13	-57.64
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	40.3	32.27	-95.26	-62.99	-13	-49.99
2	82.44	28.23	-95.26	-67.03	-13	-54.03
3	125.48	25.12	-95.26	-70.14	-13	-57.14
4	168.44	24.45	-95.26	-70.81	-13	-57.81
5	316.86	26.7	-95.26	-68.56	-13	-55.56
6	545.32	28.52	-95.26	-66.74	-13	-53.74

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19150	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	32.88	24.49	-95.26	-70.77	-13	-57.77
2	100.12	31.77	-95.26	-63.49	-13	-50.49
3	148.39	25.73	-95.26	-69.53	-13	-56.53
4	178.71	26.51	-95.26	-68.75	-13	-55.75
5	311.65	31.12	-95.26	-64.14	-13	-51.14
6	432.67	24.64	-95.26	-70.62	-13	-57.62
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	40.01	32.39	-95.26	-62.87	-13	-49.87
2	82.3	28.61	-95.26	-66.65	-13	-53.65
3	126.35	25.87	-95.26	-69.39	-13	-56.39
4	166.71	23.72	-95.26	-71.54	-13	-58.54
5	315.43	26.58	-95.26	-68.68	-13	-55.68
6	545.48	27.39	-95.26	-67.87	-13	-54.87

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 15 MHz

Mode	TX channel 18675	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	32.23	24.64	-95.26	-70.62	-13	-57.62
2	98.74	32.26	-95.26	-63.00	-13	-50.00
3	148.2	26.04	-95.26	-69.22	-13	-56.22
4	179.21	27.06	-95.26	-68.20	-13	-55.20
5	311.31	30.54	-95.26	-64.72	-13	-51.72
6	432.32	25.45	-95.26	-69.81	-13	-56.81
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	39.7	31.91	-95.26	-63.35	-13	-50.35
2	82.93	28.04	-95.26	-67.22	-13	-54.22
3	126.03	25.08	-95.26	-70.18	-13	-57.18
4	166.92	25.11	-95.26	-70.15	-13	-57.15
5	317.21	26.58	-95.26	-68.68	-13	-55.68
6	546.86	27.74	-95.26	-67.52	-13	-54.52

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	31.04	24.32	-95.26	-70.94	-13	-57.94
2	100.13	32.56	-95.26	-62.70	-13	-49.70
3	148.55	24.8	-95.26	-70.46	-13	-57.46
4	179.54	27.48	-95.26	-67.78	-13	-54.78
5	312.62	30.5	-95.26	-64.76	-13	-51.76
6	432.93	25.56	-95.26	-69.70	-13	-56.70
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	39.12	31.37	-95.26	-63.89	-13	-50.89
2	83.37	28.53	-95.26	-66.73	-13	-53.73
3	124.97	25.48	-95.26	-69.78	-13	-56.78
4	166.96	24.17	-95.26	-71.09	-13	-58.09
5	317	27.46	-95.26	-67.80	-13	-54.80
6	545.38	27.97	-95.26	-67.29	-13	-54.29

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19125	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	31.27	23.94	-95.26	-71.32	-13	-58.32
2	99.27	32.62	-95.26	-62.64	-13	-49.64
3	147.96	25.27	-95.26	-69.99	-13	-56.99
4	178.52	26.47	-95.26	-68.79	-13	-55.79
5	312.66	30.53	-95.26	-64.73	-13	-51.73
6	432.66	25.11	-95.26	-70.15	-13	-57.15
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	38.64	31.07	-95.26	-64.19	-13	-51.19
2	82.71	28.62	-95.26	-66.64	-13	-53.64
3	126.57	25.53	-95.26	-69.73	-13	-56.73
4	167.42	24.13	-95.26	-71.13	-13	-58.13
5	316.51	27.81	-95.26	-67.45	-13	-54.45
6	545.44	28.45	-95.26	-66.81	-13	-53.81

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 20 MHz

Mode	TX channel 18700	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	32.85	24.62	-95.26	-70.64	-13	-57.64
2	98.68	32.21	-95.26	-63.05	-13	-50.05
3	148.55	25.16	-95.26	-70.10	-13	-57.10
4	180.06	26.92	-95.26	-68.34	-13	-55.34
5	312.9	29.83	-95.26	-65.43	-13	-52.43
6	431.84	26.11	-95.26	-69.15	-13	-56.15
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	39.05	31.7	-95.26	-63.56	-13	-50.56
2	82.55	28.25	-95.26	-67.01	-13	-54.01
3	126.44	25.31	-95.26	-69.95	-13	-56.95
4	168.3	24.54	-95.26	-70.72	-13	-57.72
5	316.84	27.33	-95.26	-67.93	-13	-54.93
6	545.98	27.74	-95.26	-67.52	-13	-54.52

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	32.58	24.42	-95.26	-70.84	-13	-57.84
2	98.42	32.5	-95.26	-62.76	-13	-49.76
3	148.28	25.4	-95.26	-69.86	-13	-56.86
4	179.06	26.22	-95.26	-69.04	-13	-56.04
5	312.51	30.31	-95.26	-64.95	-13	-51.95
6	432.69	25.2	-95.26	-70.06	-13	-57.06
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	40.09	31.98	-95.26	-63.28	-13	-50.28
2	83.53	28.1	-95.26	-67.16	-13	-54.16
3	124.83	25.5	-95.26	-69.76	-13	-56.76
4	167.48	24.47	-95.26	-70.79	-13	-57.79
5	316.61	26.71	-95.26	-68.55	-13	-55.55
6	545.8	28.29	-95.26	-66.97	-13	-53.97

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19100	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	31.57	24.45	-95.26	-70.81	-13	-57.81
2	98.22	32.5	-95.26	-62.76	-13	-49.76
3	148.25	25.98	-95.26	-69.28	-13	-56.28
4	180.03	26.88	-95.26	-68.38	-13	-55.38
5	312.48	29.89	-95.26	-65.37	-13	-52.37
6	431.81	24.81	-95.26	-70.45	-13	-57.45
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	38.65	30.97	-95.26	-64.29	-13	-51.29
2	83.36	28.75	-95.26	-66.51	-13	-53.51
3	126.45	25.32	-95.26	-69.94	-13	-56.94
4	167.27	25.03	-95.26	-70.23	-13	-57.23
5	315.74	27.74	-95.26	-67.52	-13	-54.52
6	547.13	28.21	-95.26	-67.05	-13	-54.05

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

ABOVE 1GHz

LTE Band 2: 1.4 MHz

Mode	TX channel 18607	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3701.4	29.12	-95.26	-66.14	-13	-53.14
2	5552.1	28.27	-95.26	-66.99	-13	-53.99
3	7402.8	29.96	-95.26	-65.30	-13	-52.30
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3701.4	27.92	-95.26	-67.34	-13	-54.34
2	5552.1	27.6	-95.26	-67.66	-13	-54.66
3	7402.8	30.31	-95.26	-64.95	-13	-51.95

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	29.32	-95.26	-65.94	-13	-52.94
2	5640	28.82	-95.26	-66.44	-13	-53.44
3	7520	30.23	-95.26	-65.03	-13	-52.03
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	27.89	-95.26	-67.37	-13	-54.37
2	5640	28.15	-95.26	-67.11	-13	-54.11
3	7520	29.7	-95.26	-65.56	-13	-52.56

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19193	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3818.6	28.85	-95.26	-66.41	-13	-53.41
2	5727.9	28.61	-95.26	-66.65	-13	-53.65
3	7637.2	30.79	-95.26	-64.47	-13	-51.47
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3818.6	27.75	-95.26	-67.51	-13	-54.51
2	5727.9	28.14	-95.26	-67.12	-13	-54.12
3	7637.2	30.12	-95.26	-65.14	-13	-52.14

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 3 MHz

Mode	TX channel 18615	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3703	29.39	-95.26	-65.87	-13	-52.87
2	5554.5	28.25	-95.26	-67.01	-13	-54.01
3	7406	30.76	-95.26	-64.50	-13	-51.50
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3703	28.13	-95.26	-67.13	-13	-54.13
2	5554.5	27.51	-95.26	-67.75	-13	-54.75
3	7406	30.25	-95.26	-65.01	-13	-52.01

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	29.06	-95.26	-66.20	-13	-53.20
2	5640	28.22	-95.26	-67.04	-13	-54.04
3	7520	30.33	-95.26	-64.93	-13	-51.93
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	28.13	-95.26	-67.13	-13	-54.13
2	5640	27.55	-95.26	-67.71	-13	-54.71
3	7520	29.82	-95.26	-65.44	-13	-52.44

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19185	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3817	29.62	-95.26	-65.64	-13	-52.64
2	5725.5	28.43	-95.26	-66.83	-13	-53.83
3	7634	29.97	-95.26	-65.29	-13	-52.29
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3817	28.02	-95.26	-67.24	-13	-54.24
2	5725.5	28.38	-95.26	-66.88	-13	-53.88
3	7634	30.14	-95.26	-65.12	-13	-52.12

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 5 MHz

Mode	TX channel 18625	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3705	29.72	-95.26	-65.54	-13	-52.54
2	5557.5	28.37	-95.26	-66.89	-13	-53.89
3	7410	30.26	-95.26	-65.00	-13	-52.00
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3705	27.94	-95.26	-67.32	-13	-54.32
2	5557.5	27.76	-95.26	-67.50	-13	-54.50
3	7410	29.78	-95.26	-65.48	-13	-52.48

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	28.92	-95.26	-66.34	-13	-53.34
2	5640	28.16	-95.26	-67.10	-13	-54.10
3	7520	30.2	-95.26	-65.06	-13	-52.06
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	27.8	-95.26	-67.46	-13	-54.46
2	5640	27.96	-95.26	-67.30	-13	-54.30
3	7520	30.57	-95.26	-64.69	-13	-51.69

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19175	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3815	29.62	-95.26	-65.64	-13	-52.64
2	5722.5	28.86	-95.26	-66.40	-13	-53.40
3	7630	30.04	-95.26	-65.22	-13	-52.22
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3815	27.92	-95.26	-67.34	-13	-54.34
2	5722.5	27.97	-95.26	-67.29	-13	-54.29
3	7630	30.24	-95.26	-65.02	-13	-52.02

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 10 MHz

Mode	TX channel 18650	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3710	29.57	-95.26	-65.69	-13	-52.69
2	5565	28.26	-95.26	-67.00	-13	-54.00
3	7420	30.5	-95.26	-64.76	-13	-51.76
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3710	27.95	-95.26	-67.31	-13	-54.31
2	5565	28.32	-95.26	-66.94	-13	-53.94
3	7420	29.72	-95.26	-65.54	-13	-52.54

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	29.55	-95.26	-65.71	-13	-52.71
2	5640	28.02	-95.26	-67.24	-13	-54.24
3	7520	29.94	-95.26	-65.32	-13	-52.32
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	28.1	-95.26	-67.16	-13	-54.16
2	5640	27.86	-95.26	-67.40	-13	-54.40
3	7520	30.03	-95.26	-65.23	-13	-52.23

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19150	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3810	29.53	-95.26	-65.73	-13	-52.73
2	5715	28.95	-95.26	-66.31	-13	-53.31
3	7620	30.7	-95.26	-64.56	-13	-51.56
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3810	28.34	-95.26	-66.92	-13	-53.92
2	5715	27.86	-95.26	-67.40	-13	-54.40
3	7620	29.81	-95.26	-65.45	-13	-52.45

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 15 MHz

Mode	TX channel 18675	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3715	28.98	-95.26	-66.28	-13	-53.28
2	5572.5	28.4	-95.26	-66.86	-13	-53.86
3	7430	30.39	-95.26	-64.87	-13	-51.87
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3715	27.86	-95.26	-67.40	-13	-54.40
2	5572.5	28.22	-95.26	-67.04	-13	-54.04
3	7430	30.57	-95.26	-64.69	-13	-51.69

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	29.6	-95.26	-65.66	-13	-52.66
2	5640	28.97	-95.26	-66.29	-13	-53.29
3	7520	29.81	-95.26	-65.45	-13	-52.45
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	28.08	-95.26	-67.18	-13	-54.18
2	5640	28.32	-95.26	-66.94	-13	-53.94
3	7520	30.2	-95.26	-65.06	-13	-52.06

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19125	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3805	28.87	-95.26	-66.39	-13	-53.39
2	5707.5	28.18	-95.26	-67.08	-13	-54.08
3	7610	30.01	-95.26	-65.25	-13	-52.25
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3805	27.67	-95.26	-67.59	-13	-54.59
2	5707.5	27.59	-95.26	-67.67	-13	-54.67
3	7610	30.06	-95.26	-65.20	-13	-52.20

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 20 MHz

Mode	TX channel 18700	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3720	29.58	-95.26	-65.68	-13	-52.68
2	5580	28.12	-95.26	-67.14	-13	-54.14
3	7440	30.49	-95.26	-64.77	-13	-51.77
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dB μV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3720	28.48	-95.26	-66.78	-13	-53.78
2	5580	27.96	-95.26	-67.30	-13	-54.30
3	7440	30.67	-95.26	-64.59	-13	-51.59

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	29.75	-95.26	-65.51	-13	-52.51
2	5640	28.76	-95.26	-66.50	-13	-53.50
3	7520	30.35	-95.26	-64.91	-13	-51.91
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	28.11	-95.26	-67.15	-13	-54.15
2	5640	27.6	-95.26	-67.66	-13	-54.66
3	7520	30.22	-95.26	-65.04	-13	-52.04

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19100	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3800	29.05	-95.26	-66.21	-13	-53.21
2	5700	28.36	-95.26	-66.90	-13	-53.90
3	7600	30.06	-95.26	-65.20	-13	-52.20
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3800	27.66	-95.26	-67.60	-13	-54.60
2	5700	28.11	-95.26	-67.15	-13	-54.15
3	7600	30.03	-95.26	-65.23	-13	-52.23

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

4.8.6 Test Results (Mode B)

BELOW 1GHz

LTE Band 2: 1.4 MHz

Mode	TX channel 18607	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	41.54	27.6	-95.26	-67.66	-13	-54.66
2	100.98	35.07	-95.26	-60.19	-13	-47.19
3	157.05	27.73	-95.26	-67.53	-13	-54.53
4	187.97	33.55	-95.26	-61.71	-13	-48.71
5	314.32	31.69	-95.26	-63.57	-13	-50.57
6	440.02	25.49	-95.26	-69.77	-13	-56.77
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	56.62	35.93	-95.26	-59.33	-13	-46.33
2	93.27	33.96	-95.26	-61.30	-13	-48.30
3	134.21	30.5	-95.26	-64.76	-13	-51.76
4	178.32	29.6	-95.26	-65.66	-13	-52.66
5	326.01	25.98	-95.26	-69.28	-13	-56.28
6	553.98	30.9	-95.26	-64.36	-13	-51.36

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	41.2	27.6	-95.26	-67.66	-13	-54.66
2	102.59	38.73	-95.26	-56.53	-13	-43.53
3	156.56	30.24	-95.26	-65.02	-13	-52.02
4	188.64	27.35	-95.26	-67.91	-13	-54.91
5	313.2	29.43	-95.26	-65.83	-13	-52.83
6	440.08	24.02	-95.26	-71.24	-13	-58.24
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	56.95	35.84	-95.26	-59.42	-13	-46.42
2	92.73	35.33	-95.26	-59.93	-13	-46.93
3	134.24	27.04	-95.26	-68.22	-13	-55.22
4	178.19	28.25	-95.26	-67.01	-13	-54.01
5	325.71	26.95	-95.26	-68.31	-13	-55.31
6	552.23	31.4	-95.26	-63.86	-13	-50.86

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19193	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	40.31	28.3	-95.26	-66.96	-13	-53.96
2	101.87	37.35	-95.26	-57.91	-13	-44.91
3	156.2	29.89	-95.26	-65.37	-13	-52.37
4	187.17	31.26	-95.26	-64.00	-13	-51.00
5	314.15	36.19	-95.26	-59.07	-13	-46.07
6	440.27	25.2	-95.26	-70.06	-13	-57.06
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	55.38	36.76	-95.26	-58.50	-13	-45.50
2	91.57	31.65	-95.26	-63.61	-13	-50.61
3	134.91	29.89	-95.26	-65.37	-13	-52.37
4	178.78	30.4	-95.26	-64.86	-13	-51.86
5	326.02	29.79	-95.26	-65.47	-13	-52.47
6	553.09	32.32	-95.26	-62.94	-13	-49.94

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 3 MHz

Mode	TX channel 18615	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	41.33	28.69	-95.26	-66.57	-13	-53.57
2	**100.95**	**39.03**	**-95.26**	**-56.23**	**-13**	**-43.23**
3	157.25	23.1	-95.26	-72.16	-13	-59.16
4	188.7	29.62	-95.26	-65.64	-13	-52.64
5	313.45	36.52	-95.26	-58.74	-13	-45.74
6	439.19	26.62	-95.26	-68.64	-13	-55.64
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	56.77	37.05	-95.26	-58.21	-13	-45.21
2	92.39	33.02	-95.26	-62.24	-13	-49.24
3	135.64	28.34	-95.26	-66.92	-13	-53.92
4	178.29	26.78	-95.26	-68.48	-13	-55.48
5	325.57	31.37	-95.26	-63.89	-13	-50.89
6	552.42	27.31	-95.26	-67.95	-13	-54.95

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	41.95	24.51	-95.26	-70.75	-13	-57.75
2	101.44	36.78	-95.26	-58.48	-13	-45.48
3	156.06	25.4	-95.26	-69.86	-13	-56.86
4	188.15	25.69	-95.26	-69.57	-13	-56.57
5	314.95	32.01	-95.26	-63.25	-13	-50.25
6	438.85	29.68	-95.26	-65.58	-13	-52.58
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	55.19	38.03	-95.26	-57.23	-13	-44.23
2	92.59	32.84	-95.26	-62.42	-13	-49.42
3	134.18	30.32	-95.26	-64.94	-13	-51.94
4	178.69	25.64	-95.26	-69.62	-13	-56.62
5	324.14	33.13	-95.26	-62.13	-13	-49.13
6	553.44	33.61	-95.26	-61.65	-13	-48.65

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19185	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	40.83	23.21	-95.26	-72.05	-13	-59.05
2	101.92	37.21	-95.26	-58.05	-13	-45.05
3	156.89	28.81	-95.26	-66.45	-13	-53.45
4	187.22	27.78	-95.26	-67.48	-13	-54.48
5	313.14	34.74	-95.26	-60.52	-13	-47.52
6	438.41	27.74	-95.26	-67.52	-13	-54.52
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	56.96	34.99	-95.26	-60.27	-13	-47.27
2	91.69	31.9	-95.26	-63.36	-13	-50.36
3	134.92	29.25	-95.26	-66.01	-13	-53.01
4	178.77	32.02	-95.26	-63.24	-13	-50.24
5	325.36	33.31	-95.26	-61.95	-13	-48.95
6	553.26	29.19	-95.26	-66.07	-13	-53.07

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 5 MHz

Mode	TX channel 18625	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	40.81	24.99	-95.26	-70.27	-13	-57.27
2	100.7	36.5	-95.26	-58.76	-13	-45.76
3	156.65	28.46	-95.26	-66.80	-13	-53.80
4	188.66	28.34	-95.26	-66.92	-13	-53.92
5	314.47	32.98	-95.26	-62.28	-13	-49.28
6	439.12	29.69	-95.26	-65.57	-13	-52.57
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	56.04	33.96	-95.26	-61.30	-13	-48.30
2	92.8	29.47	-95.26	-65.79	-13	-52.79
3	134.83	33.52	-95.26	-61.74	-13	-48.74
4	179.16	24.88	-95.26	-70.38	-13	-57.38
5	324.55	29.5	-95.26	-65.76	-13	-52.76
6	553.32	34.48	-95.26	-60.78	-13	-47.78

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	42	25.58	-95.26	-69.68	-13	-56.68
2	102.32	39.75	-95.26	-55.51	-13	-42.51
3	156.35	25.6	-95.26	-69.66	-13	-56.66
4	188.94	29.03	-95.26	-66.23	-13	-53.23
5	314.42	33.85	-95.26	-61.41	-13	-48.41
6	438.7	30.2	-95.26	-65.06	-13	-52.06
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	56.25	34.25	-95.26	-61.01	-13	-48.01
2	92.3	34.5	-95.26	-60.76	-13	-47.76
3	135.04	25.07	-95.26	-70.19	-13	-57.19
4	177.94	29.5	-95.26	-65.76	-13	-52.76
5	326.06	31.42	-95.26	-63.84	-13	-50.84
6	553.71	33.27	-95.26	-61.99	-13	-48.99

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19175	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	41.39	28.68	-95.26	-66.58	-13	-53.58
2	101.54	35.1	-95.26	-60.16	-13	-47.16
3	156.06	28.88	-95.26	-66.38	-13	-53.38
4	188.69	28.54	-95.26	-66.72	-13	-53.72
5	313.47	37.67	-95.26	-57.59	-13	-44.59
6	439.19	28.25	-95.26	-67.01	-13	-54.01
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	56.72	32.57	-95.26	-62.69	-13	-49.69
2	92.68	34.93	-95.26	-60.33	-13	-47.33
3	135.29	29.22	-95.26	-66.04	-13	-53.04
4	177.69	27.18	-95.26	-68.08	-13	-55.08
5	325.89	30.79	-95.26	-64.47	-13	-51.47
6	553.79	30.34	-95.26	-64.92	-13	-51.92

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 10 MHz

Mode	TX channel 18650	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	41.41	21.02	-95.26	-74.24	-13	-61.24
2	100.67	38.27	-95.26	-56.99	-13	-43.99
3	157.5	29.29	-95.26	-65.97	-13	-52.97
4	188.24	28.18	-95.26	-67.08	-13	-54.08
5	314.19	35.45	-95.26	-59.81	-13	-46.81
6	440.04	27.11	-95.26	-68.15	-13	-55.15
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	56.27	33.24	-95.26	-62.02	-13	-49.02
2	91.57	27.66	-95.26	-67.60	-13	-54.60
3	134.78	29.08	-95.26	-66.18	-13	-53.18
4	178.01	28.04	-95.26	-67.22	-13	-54.22
5	325.8	31.36	-95.26	-63.90	-13	-50.90
6	552.32	31.73	-95.26	-63.53	-13	-50.53

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	42.12	28.96	-95.26	-66.30	-13	-53.30
2	101.28	34.5	-95.26	-60.76	-13	-47.76
3	156.25	24.65	-95.26	-70.61	-13	-57.61
4	187.58	29.4	-95.26	-65.86	-13	-52.86
5	314.55	32.66	-95.26	-62.60	-13	-49.60
6	438.81	28.01	-95.26	-67.25	-13	-54.25
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	55.81	33.54	-95.26	-61.72	-13	-48.72
2	91.67	30.99	-95.26	-64.27	-13	-51.27
3	134.54	30.17	-95.26	-65.09	-13	-52.09
4	178.18	28.27	-95.26	-66.99	-13	-53.99
5	325.49	33.96	-95.26	-61.30	-13	-48.30
6	552.75	35.13	-95.26	-60.13	-13	-47.13

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19150	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	41.09	23.68	-95.26	-71.58	-13	-58.58
2	102.41	33.5	-95.26	-61.76	-13	-48.76
3	155.69	25.16	-95.26	-70.10	-13	-57.10
4	187.68	24.9	-95.26	-70.36	-13	-57.36
5	314.18	31.11	-95.26	-64.15	-13	-51.15
6	438.86	28.16	-95.26	-67.10	-13	-54.10
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	55.41	35.16	-95.26	-60.10	-13	-47.10
2	92.47	30.22	-95.26	-65.04	-13	-52.04
3	134.87	27.97	-95.26	-67.29	-13	-54.29
4	179.21	24.65	-95.26	-70.61	-13	-57.61
5	324.91	27.18	-95.26	-68.08	-13	-55.08
6	552.96	30.96	-95.26	-64.30	-13	-51.30

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 15 MHz

Mode	TX channel 18675	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	40.41	23.29	-95.26	-71.97	-13	-58.97
2	102.04	36.02	-95.26	-59.24	-13	-46.24
3	155.66	24.37	-95.26	-70.89	-13	-57.89
4	187.61	30.19	-95.26	-65.07	-13	-52.07
5	314.07	37.95	-95.26	-57.31	-13	-44.31
6	438.52	30.86	-95.26	-64.40	-13	-51.40
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	55.89	35.05	-95.26	-60.21	-13	-47.21
2	91.87	31.74	-95.26	-63.52	-13	-50.52
3	135.35	28.05	-95.26	-67.21	-13	-54.21
4	178.34	30.6	-95.26	-64.66	-13	-51.66
5	324.82	29.09	-95.26	-66.17	-13	-53.17
6	553.93	30.93	-95.26	-64.33	-13	-51.33

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	42.14	28.02	-95.26	-67.24	-13	-54.24
2	101.82	32.09	-95.26	-63.17	-13	-50.17
3	156.17	23.47	-95.26	-71.79	-13	-58.79
4	187.79	28.05	-95.26	-67.21	-13	-54.21
5	314.3	34.05	-95.26	-61.21	-13	-48.21
6	438.64	33.78	-95.26	-61.48	-13	-48.48
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	55.62	34.3	-95.26	-60.96	-13	-47.96
2	92.8	30.13	-95.26	-65.13	-13	-52.13
3	134.71	26.18	-95.26	-69.08	-13	-56.08
4	178.55	31.73	-95.26	-63.53	-13	-50.53
5	325.88	30.1	-95.26	-65.16	-13	-52.16
6	552.65	26.54	-95.26	-68.72	-13	-55.72

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19125	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	41.03	25.94	-95.26	-69.32	-13	-56.32
2	101.46	37.84	-95.26	-57.42	-13	-44.42
3	155.63	28.81	-95.26	-66.45	-13	-53.45
4	188.47	32.44	-95.26	-62.82	-13	-49.82
5	314.36	33.65	-95.26	-61.61	-13	-48.61
6	438.62	25.99	-95.26	-69.27	-13	-56.27
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	55.21	35.78	-95.26	-59.48	-13	-46.48
2	93.22	30.3	-95.26	-64.96	-13	-51.96
3	135.1	24.45	-95.26	-70.81	-13	-57.81
4	178.83	29.28	-95.26	-65.98	-13	-52.98
5	325.71	31.16	-95.26	-64.10	-13	-51.10
6	553.19	29.01	-95.26	-66.25	-13	-53.25

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 20 MHz

Mode	TX channel 18700	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	40.42	31.8	-95.26	-63.46	-13	-50.46
2	101.63	34.54	-95.26	-60.72	-13	-47.72
3	157.09	28.35	-95.26	-66.91	-13	-53.91
4	188.71	32.29	-95.26	-62.97	-13	-49.97
5	314.29	29.49	-95.26	-65.77	-13	-52.77
6	438.63	28.4	-95.26	-66.86	-13	-53.86
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	55.51	35.16	-95.26	-60.10	-13	-47.10
2	93.19	34.2	-95.26	-61.06	-13	-48.06
3	136.01	29.72	-95.26	-65.54	-13	-52.54
4	179.2	26.15	-95.26	-69.11	-13	-56.11
5	325.51	26.75	-95.26	-68.51	-13	-55.51
6	553.68	31.53	-95.26	-63.73	-13	-50.73

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	41.94	23.27	-95.26	-71.99	-13	-58.99
2	102.1	35.26	-95.26	-60.00	-13	-47.00
3	156.02	27.34	-95.26	-67.92	-13	-54.92
4	188.28	31.02	-95.26	-64.24	-13	-51.24
5	314.82	34.15	-95.26	-61.11	-13	-48.11
6	438.37	29.73	-95.26	-65.53	-13	-52.53
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	57.1	34.69	-95.26	-60.57	-13	-47.57
2	91.5	31.97	-95.26	-63.29	-13	-50.29
3	135.92	30.19	-95.26	-65.07	-13	-52.07
4	178.63	29.3	-95.26	-65.96	-13	-52.96
5	324.15	29.94	-95.26	-65.32	-13	-52.32
6	553.31	28.03	-95.26	-67.23	-13	-54.23

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19100	Frequency Range	Below 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	40.6	24.43	-95.26	-70.83	-13	-57.83
2	101.64	37.91	-95.26	-57.35	-13	-44.35
3	155.67	29.47	-95.26	-65.79	-13	-52.79
4	187.28	28.28	-95.26	-66.98	-13	-53.98
5	314.84	32.26	-95.26	-63.00	-13	-50.00
6	440.1	26.14	-95.26	-69.12	-13	-56.12
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	56.47	34.86	-95.26	-60.40	-13	-47.40
2	92.45	36.06	-95.26	-59.20	-13	-46.20
3	134.93	33.27	-95.26	-61.99	-13	-48.99
4	179.23	23.71	-95.26	-71.55	-13	-58.55
5	325.89	32.31	-95.26	-62.95	-13	-49.95
6	552.65	29.64	-95.26	-65.62	-13	-52.62

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

ABOVE 1GHz

LTE Band 2: 1.4 MHz

Mode	TX channel 18607	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3701.4	28.7	-95.26	-66.56	-13	-53.56
2	5552.1	28.42	-95.26	-66.84	-13	-53.84
3	7402.8	33.26	-95.26	-62.00	-13	-49.00
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3701.4	30.2	-95.26	-65.06	-13	-52.06
2	5552.1	30.36	-95.26	-64.90	-13	-51.90
3	7402.8	32.47	-95.26	-62.79	-13	-49.79

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	28.15	-95.26	-67.11	-13	-54.11
2	5640	28.72	-95.26	-66.54	-13	-53.54
3	7520	33.11	-95.26	-62.15	-13	-49.15
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	30.25	-95.26	-65.01	-13	-52.01
2	5640	30.09	-95.26	-65.17	-13	-52.17
3	7520	32.33	-95.26	-62.93	-13	-49.93

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19193	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3818.6	28.13	-95.26	-67.13	-13	-54.13
2	5727.9	28.32	-95.26	-66.94	-13	-53.94
3	7637.2	31.89	-95.26	-63.37	-13	-50.37
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3818.6	31.69	-95.26	-63.57	-13	-50.57
2	5727.9	29.58	-95.26	-65.68	-13	-52.68
3	7637.2	32.9	-95.26	-62.36	-13	-49.36

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 3 MHz

Mode	TX channel 18615	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3703	28.62	-95.26	-66.64	-13	-53.64
2	5554.5	27.88	-95.26	-67.38	-13	-54.38
3	7406	32.96	-95.26	-62.30	-13	-49.30
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3703	31.7	-95.26	-63.56	-13	-50.56
2	5554.5	30.52	-95.26	-64.74	-13	-51.74
3	7406	32.23	-95.26	-63.03	-13	-50.03

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	28.45	-95.26	-66.81	-13	-53.81
2	5640	27.42	-95.26	-67.84	-13	-54.84
3	7520	32.88	-95.26	-62.38	-13	-49.38
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	31.05	-95.26	-64.21	-13	-51.21
2	5640	29.77	-95.26	-65.49	-13	-52.49
3	7520	32.45	-95.26	-62.81	-13	-49.81

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19185	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3817	29.69	-95.26	-65.57	-13	-52.57
2	5725.5	28.94	-95.26	-66.32	-13	-53.32
3	7634	32.45	-95.26	-62.81	-13	-49.81
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3817	30.9	-95.26	-64.36	-13	-51.36
2	5725.5	29.19	-95.26	-66.07	-13	-53.07
3	7634	33.03	-95.26	-62.23	-13	-49.23

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 5 MHz

Mode	TX channel 18625	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3705	29.8	-95.26	-65.46	-13	-52.46
2	5557.5	27.6	-95.26	-67.66	-13	-54.66
3	7410	32.92	-95.26	-62.34	-13	-49.34
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3705	30.66	-95.26	-64.60	-13	-51.60
2	5557.5	30.48	-95.26	-64.78	-13	-51.78
3	7410	32.41	-95.26	-62.85	-13	-49.85

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	28.63	-95.26	-66.63	-13	-53.63
2	5640	27.99	-95.26	-67.27	-13	-54.27
3	7520	31.78	-95.26	-63.48	-13	-50.48
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	30.49	-95.26	-64.77	-13	-51.77
2	5640	29.32	-95.26	-65.94	-13	-52.94
3	7520	32.76	-95.26	-62.50	-13	-49.50

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19175	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3815	29.76	-95.26	-65.50	-13	-52.50
2	5722.5	28.05	-95.26	-67.21	-13	-54.21
3	7630	32.4	-95.26	-62.86	-13	-49.86
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3815	31.21	-95.26	-64.05	-13	-51.05
2	5722.5	30.35	-95.26	-64.91	-13	-51.91
3	7630	33.63	-95.26	-61.63	-13	-48.63

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 10 MHz

Mode	TX channel 18650	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3710	29.73	-95.26	-65.53	-13	-52.53
2	5565	28.37	-95.26	-66.89	-13	-53.89
3	7420	31.74	-95.26	-63.52	-13	-50.52
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3710	30.25	-95.26	-65.01	-13	-52.01
2	5565	30.57	-95.26	-64.69	-13	-51.69
3	7420	32.97	-95.26	-62.29	-13	-49.29

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	29.71	-95.26	-65.55	-13	-52.55
2	5640	29.12	-95.26	-66.14	-13	-53.14
3	7520	33.15	-95.26	-62.11	-13	-49.11
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	31.83	-95.26	-63.43	-13	-50.43
2	5640	30.45	-95.26	-64.81	-13	-51.81
3	7520	31.86	-95.26	-63.40	-13	-50.40

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19150	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3810	28.77	-95.26	-66.49	-13	-53.49
2	5715	28.35	-95.26	-66.91	-13	-53.91
3	7620	33.29	-95.26	-61.97	-13	-48.97
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3810	31.22	-95.26	-64.04	-13	-51.04
2	5715	30.68	-95.26	-64.58	-13	-51.58
3	7620	32.95	-95.26	-62.31	-13	-49.31

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 15 MHz

Mode	TX channel 18675	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3715	28.17	-95.26	-67.09	-13	-54.09
2	5572.5	28.12	-95.26	-67.14	-13	-54.14
3	7430	31.98	-95.26	-63.28	-13	-50.28
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3715	30.73	-95.26	-64.53	-13	-51.53
2	5572.5	29.3	-95.26	-65.96	-13	-52.96
3	7430	33.02	-95.26	-62.24	-13	-49.24

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	29.93	-95.26	-65.33	-13	-52.33
2	5640	29.24	-95.26	-66.02	-13	-53.02
3	7520	33.25	-95.26	-62.01	-13	-49.01
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	30.75	-95.26	-64.51	-13	-51.51
2	5640	29.92	-95.26	-65.34	-13	-52.34
3	7520	31.81	-95.26	-63.45	-13	-50.45

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19125	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3805	29.53	-95.26	-65.73	-13	-52.73
2	5707.5	27.8	-95.26	-67.46	-13	-54.46
3	7610	32.13	-95.26	-63.13	-13	-50.13
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3805	30.41	-95.26	-64.85	-13	-51.85
2	5707.5	30.34	-95.26	-64.92	-13	-51.92
3	7610	33.28	-95.26	-61.98	-13	-48.98

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

LTE Band 2: 20 MHz

Mode	TX channel 18700	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3720	29.01	-95.26	-66.25	-13	-53.25
2	5580	28.35	-95.26	-66.91	-13	-53.91
3	7440	32.62	-95.26	-62.64	-13	-49.64
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3720	30.76	-95.26	-64.50	-13	-51.50
2	5580	30.45	-95.26	-64.81	-13	-51.81
3	7440	31.88	-95.26	-63.38	-13	-50.38

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 18900	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	28.96	-95.26	-66.30	-13	-53.30
2	5640	28.68	-95.26	-66.58	-13	-53.58
3	7520	33.17	-95.26	-62.09	-13	-49.09
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3760	31.93	-95.26	-63.33	-13	-50.33
2	5640	28.89	-95.26	-66.37	-13	-53.37
3	7520	32.98	-95.26	-62.28	-13	-49.28

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

Mode	TX channel 19100	Frequency Range	Above 1000 MHz

Antenna Polarity & Test Distance: Horizontal at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3800	28.6	-95.26	-66.66	-13	-53.66
2	5700	27.57	-95.26	-67.69	-13	-54.69
3	7600	32.59	-95.26	-62.67	-13	-49.67
Antenna Polarity & Test Distance: Vertical at 3 M						
No.	Freq. (MHz)	Reading (dBμV/m)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3800	30.61	-95.26	-64.65	-13	-51.65
2	5700	30.82	-95.26	-64.44	-13	-51.44
3	7600	32.51	-95.26	-62.75	-13	-49.75

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = E (dBμV/m) - Correction Factor @ 3m.
2. Correction Factor (dB) = 20log(D) − 104.8; where D is the measurement distance @3m.

5 Pictures of Test Arrangements

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

Appendix – Information of 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.

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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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