

FCC Test Report (CA mode)

Report No.: RF170217C15-2

FCC ID: H8NSS2FHI

Test Model: SS2FHI Femtocell Multi-band SOHO

Received Date: Feb. 17, 2017

Test Date: Mar. 15 ~ Mar. 27, 2017

Issued Date: May 18, 2017

Applicant: ASKEY COMPUTER CORP.

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Release Control Record

Issue No.	Description	Date Issued
RF170217C15-2	Original release	May 18, 2017

1 Certificate of Conformity

Product: Femtocell

Brand: Nokia

Test Model: SS2FHI Femtocell Multi-band SOHO

Sample Status: Engineering sample

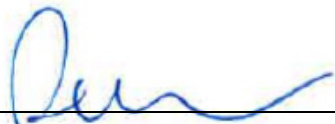
Applicant: ASKEY COMPUTER CORP.

Test Date: Mar. 15 ~ Mar. 27, 2017

Standards: FCC Part 24, Subpart E
FCC Part 27, Subpart M

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 :


Pettie Chen / Senior Specialist

Date:

May 18, 2017

Approved by :


Dylan Chiou / Project Engineer

Date:

May 18, 2017

2 Summary of Test Results

FCC Clause		Test Item	Result	Remarks
FCC Part 24 & Part 2	FCC Part 27 & Part 2			
2.1046 24.232	-	Effective radiated power	Pass	Meet the requirement of limit.
-	2.1046 27.50(h)	Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit.
2.1049 24.238(b)	-	Occupied Bandwidth	Pass	Meet the requirement of limit.
-	2.1049 27.53(m)(2)	Emission Bandwidth	Pass	Meet the requirement of limit.
24.238(b)	2.1051 27.53(m)	Band Edge Measurements	Pass	Meet the requirement of limit.
2.1051 24.238	2.1051 27.53(m)	Conducted Spurious Emissions	Pass	Meet the requirement of limit.
2.1053 24.238	2.1051 27.53(m)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -4.6dB at 7730.00MHz.

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 ~ 200MHz	3.59 dB
	200MHz ~ 1000MHz	3.60 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	2.29 dB
	18GHz ~ 40GHz	2.29 dB

2.2 Test Site and Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESIB7	100187	Apr. 18, 2016	Apr. 17, 2017
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100041	Nov. 16, 2016	Nov. 15, 2017
BILOG Antenna SCHWARZBECK	VULB9168	9168-148	Dec. 28, 2016	Dec. 27, 2017
HORN Antenna SCHWARZBECK	BBHA 9120 D	9120D-1169	Dec. 27, 2016	Dec. 26, 2017
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Dec. 14, 2016	Dec. 13, 2017
Loop Antenna	EM-6879	269	Aug. 11, 2016	Aug. 10, 2017
Preamplifier Agilent	8449B	3008A01638	Feb. 22, 2017	Feb. 21, 2018
Preamplifier Agilent	8447D	2944A10638	Aug. 09, 2016	Aug. 08, 2017
RF signal cable HUBER+SUHNER	SUCOFLEX 104	CABLE-CH9-02 (248780+MY13377)	Feb. 02, 2017	Feb. 01, 2018
RF signal cable HUBER+SUHNER	SUCOFLEX 104	CABLE-CH9-03 (274092)	Aug. 09, 2016	Aug. 08, 2017
RF signal cable HUBER+SUHNER	8D-FB	Cable-CH9-01	Aug. 09, 2016	Aug. 08, 2017
Software BV ADT	ADT_Radiated_ V7.6.15.9.4	NA	NA	NA
Antenna Tower inn-co GmbH	MA 4000	013303	NA	NA
Antenna Tower Controller BV ADT	AT100	AT93021702	NA	NA
Turn Table BV ADT	TT100	TT93021702	NA	NA
Turn Table Controller BV ADT	SC100	SC93021702	NA	NA
High Speed Peak Power Meter	ML2495A	0824012	Aug. 11, 2016	Aug. 10, 2017
Power Sensor	MA2411B	0738171	Aug. 11, 2016	Aug. 10, 2017
WIT Standard Temperature And Humidity Chamber	TH-4S-C	W981030	Jun. 08, 2016	Jun. 07, 2017
Mini-Circuits Power Splitter	ZN2PD-9G	NA	Jun. 13, 2016	Jun. 12, 2017
JFW 20dB attenuation	50HF-020-SMA	NA	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 HwaYa Chamber 9.
3. The horn antenna and preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
4. The FCC Site Registration No. is 215374.
5. The IC Site Registration No. is IC 7450F-9.

3 General Information

3.1 General Description of EUT

Product	Femtocell
Brand	Nokia
Test Model	SS2FII Femtocell Multi-band SOHO
Sample Status	Engineering sample
Power Supply Rating	12Vdc (Adapter)
Modulation Type	WCDMA: BPSK, QPSK LTE: QPSK, 16QAM, 64QAM
Operating Frequency	WCDMA: 1932.4MHz ~ 1987.6MHz LTE Band 2 (Channel Bandwidth 5MHz): 1932.5MHz ~ 1987.5MHz LTE Band 2 (Channel Bandwidth 10MHz): 1935.0MHz ~ 1985.0MHz LTE Band 2 (Channel Bandwidth 20MHz): 1940.0MHz ~ 1980.0MHz LTE Band 7 (Channel Bandwidth 5MHz): 2622.5MHz ~ 2687.5MHz LTE Band 7 (Channel Bandwidth 10MHz): 2625.0MHz ~ 2685.0MHz LTE Band 7 (Channel Bandwidth 20MHz): 2630.0MHz ~ 2680.0MHz
Emission Designator	Refer to Note
Max. EIRP Power	891.251mW (29.5dBm)
Antenna Type	WCDMA: Antenna 2: PIFA antenna with 2.9dBi gain LTE Band 2: Antenna 2: PIFA antenna with 2.9dBi gain Antenna 4: PIFA antenna with 2.2dBi gain LTE Band 7: Antenna 1: PIFA antenna with 3.2dBi gain Antenna 3: PIFA antenna with 2.5dBi gain
Antenna Connector	NA
Accessory Device	Adapter
Data Cable Supplied	2.95m non-shielded RJ45 cable w/o core

Note:

1. The EUT uses following adapter and PoE.

Adapter	
Brand	SHENZHEN FRECOM ELECTRONICS CO., LTD
Model	F24W5-1202000SPAV
Input Power	100-240Vac, 50/60Hz, 0.6A
Output Power	12Vdc, 2A
Power Line	1.5m DC cable without core attached on adapter

PoE (Support Unit)	
Brand	EUSSO
Model	UPE5600-IHGM
Input Power	100-240Vac, 50/60Hz
Output Power	48-52Vdc, 30W Watt Maximun

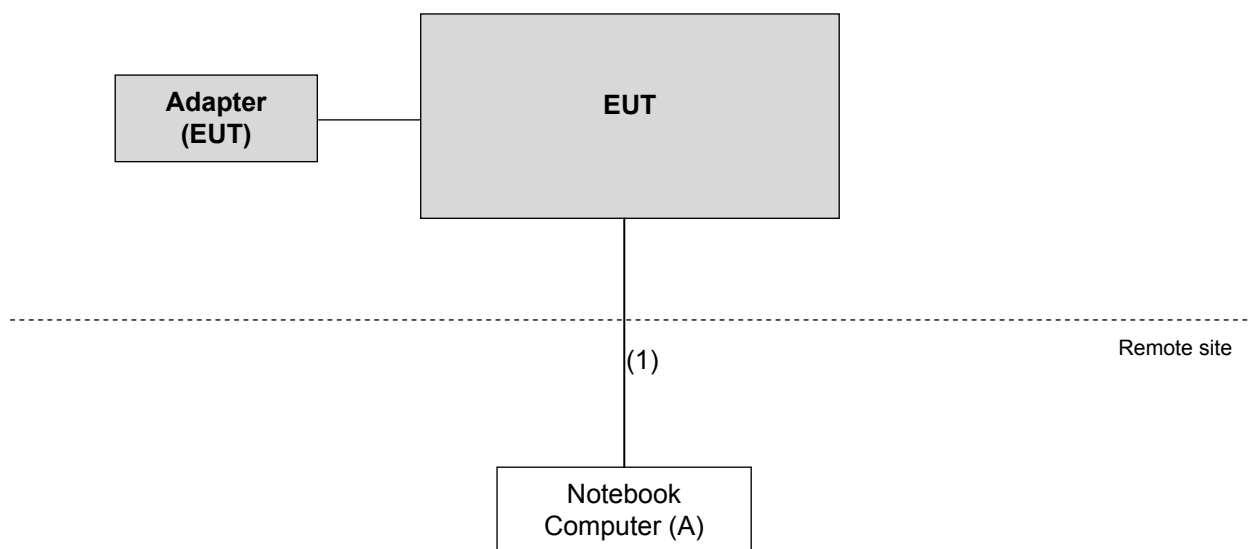
2. The EUT provides 2 completed transmitters and 2 receivers.

Modulation Mode	TX FUNCTION	RX FUNCTION
LTE(Band 2)	2TX	2RX
LTE(Band 7)	2TX	2RX

3. Emission Designator as below.

Mode	Output power (W)	Emission Designator
CA mode: LTE Band 2 5M+LTE Band 7 5M (QPSK)	0.617	8M88G7D
CA mode: LTE Band 2 5M+LTE Band 7 5M (16QAM)	0.575	8M88W7D
CA mode: LTE Band 2 5M+LTE Band 7 5M (64QAM)	0.550	8M88W7D
CA mode: LTE Band 2 10M+LTE Band 7 10M (QPSK)	0.603	17M9G7D
CA mode: LTE Band 2 10M+LTE Band 7 10M (16QAM)	0.550	17M9W7D
CA mode: LTE Band 2 10M+LTE Band 7 10M (64QAM)	0.562	17M9W7D
CA mode: LTE Band 2 20M+LTE Band 7 20M (QPSK)	0.589	36M0G7D
CA mode: LTE Band 2 20M+LTE Band 7 20M (16QAM)	0.501	36M0W7D
CA mode: LTE Band 2 20M+LTE Band 7 20M (64QAM)	0.562	36M0W7D
CA mode: LTE Band 2 5M+LTE Band 7 5M (QPSK)	0.891	8M88G7D
CA mode: LTE Band 2 5M+LTE Band 7 5M (16QAM)	0.741	8M88W7D
CA mode: LTE Band 2 5M+LTE Band 7 5M (64QAM)	0.759	8M88W7D
CA mode: LTE Band 2 10M+LTE Band 7 10M (QPSK)	0.646	17M9G7D
CA mode: LTE Band 2 10M+LTE Band 7 10M (16QAM)	0.562	17M9W7D
CA mode: LTE Band 2 10M+LTE Band 7 10M (64QAM)	0.603	17M9W7D
CA mode: LTE Band 2 20M+LTE Band 7 20M (QPSK)	0.631	36M0G7D
CA mode: LTE Band 2 20M+LTE Band 7 20M (16QAM)	0.575	36M0W7D
CA mode: LTE Band 2 20M+LTE Band 7 20M (64QAM)	0.550	36M0W7D

3.2 Configuration of System under Test



3.2.1 Description of Support Units

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

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Notebook Computer	DELL	E5410	1HC2XM1	FCC DoC Approved	-

Note:

1. All power cords of the above support units are non-shielded (1.8m).
2. Item A acted as communication partner to transfer data.

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	RJ45 Cable	1	10	N	0	Cat5e

3.3 Test Mode Applicability and Tested Channel Detail

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

Test item	Tested channel	Channel Bandwidth	Modulation
Output Power	Refer table 1 as below	5MHz / 10MHz /20MHz	QPSK / 16QAM / 64QAM
Emission Bandwidth	Refer table 1 as below	5MHz / 10MHz /20MHz	QPSK / 16QAM / 64QAM
Band Edge	Refer table 2 as below	5MHz / 10MHz /20MHz	QPSK
Conducuted Emission	Refer table 3 as below	5MHz / 10MHz /20MHz	QPSK
Radiated Emission Below 1GHz	Refer table 4 as below	Refer table 4 as below	QPSK
Radiated Emission Above 1GHz	Refer table 1 as below	5MHz / 10MHz /20MHz	QPSK

Note:

1. For radiated emission below 1 GHz, the low, mid and high channels were pre-tested in chamber. The low channel was the worst case and chosen for final test.
2. The conducted output power for QPSK, 16QAM and 64QAM, measured value of QPSK is higher than 16QAM and 64QAM mode. Therefore, Band Edge, Conducted Emission, Radiated Emission were presented under QPSK mode only.

Table 1

Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 2775
Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 3100
Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 3425
Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 2775
Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 3100
Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 3425
Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 2775
Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 3100
Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 3425
Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 2800
Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 3100
Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 3400
Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 2800
Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 3100
Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 3400
Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 2800
Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 3100
Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 3400
Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 2850
Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 3100
Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 3350
Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 2850
Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 3100
Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 3350
Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 2850
Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 3100
Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 3350

Note: Depends on 3GPP TS 36.141 Ver. 13.4.0 clause 4.7 and consult with manufacturer to declare test mode.

Table 2

Band	Tested Channel
LTE Band 2 (Channel Bandwidth 5MHz)	625(1932.5MHz), 1175(1987.5MHz)
LTE Band 2 (Channel Bandwidth 10MHz)	650(1935.0MHz), 1150(1985.0MHz)
LTE Band 2 (Channel Bandwidth 20MHz)	700(1940.0MHz), 1100(1980.0MHz)
LTE Band 7 (Channel Bandwidth 5MHz)	2775(2622.5MHz), 3425(2687.5MHz)
LTE Band 7 (Channel Bandwidth 10MHz)	2800(2625.0MHz), 3400(2685.0MHz)
LTE Band 7 (Channel Bandwidth 20MHz)	2850(2630.0MHz), 3350(2680.0MHz)

Table 3

Band	Tested Channel
LTE Band 2 (Channel Bandwidth 5MHz)	625(1932.5MHz), 900(1960.0MHz), 1175(1987.5MHz)
LTE Band 2 (Channel Bandwidth 10MHz)	650(1935.0MHz), 900(1960.0MHz), 1150(1985.0MHz)
LTE Band 2 (Channel Bandwidth 20MHz)	700(1940.0MHz), 900(1960.0MHz), 1100(1980.0MHz)
LTE Band 7 (Channel Bandwidth 5MHz)	2775(2622.5MHz), 3100(2655.0MHz), 3425(2687.5MHz)
LTE Band 7 (Channel Bandwidth 10MHz)	2800(2625.0MHz), 3100(2655.0MHz), 3400(2685.0MHz)
LTE Band 7 (Channel Bandwidth 20MHz)	2850(2630.0MHz), 3100(2655.0MHz), 3350(2680.0MHz)

Table 4

Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 2775
Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 2800
Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 2850

3.4 EUT Operating Conditions

The EUT makes a call to the communication simulator. 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

FCC 47 CFR Part 27

KDB 971168 D01 Power Meas License Digital Systems v02r02

KDB 662911 D01 multiple transmitter output v02r01

ANSI/TIA/EIA-603-D 2010

3GPP TS 36.141 version 13.4.0

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

Note: The EUT has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (DoC).
The test report has been issued separately.

4 Test Types and Results

4.1 Output Power Measurement

4.1.1 Limits of Output Power Measurement

The radiated peak output power shall be according to the specific rule Part 27.50(h) Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

4.1.2 Test Procedures

EIRP / ERP Measurement:

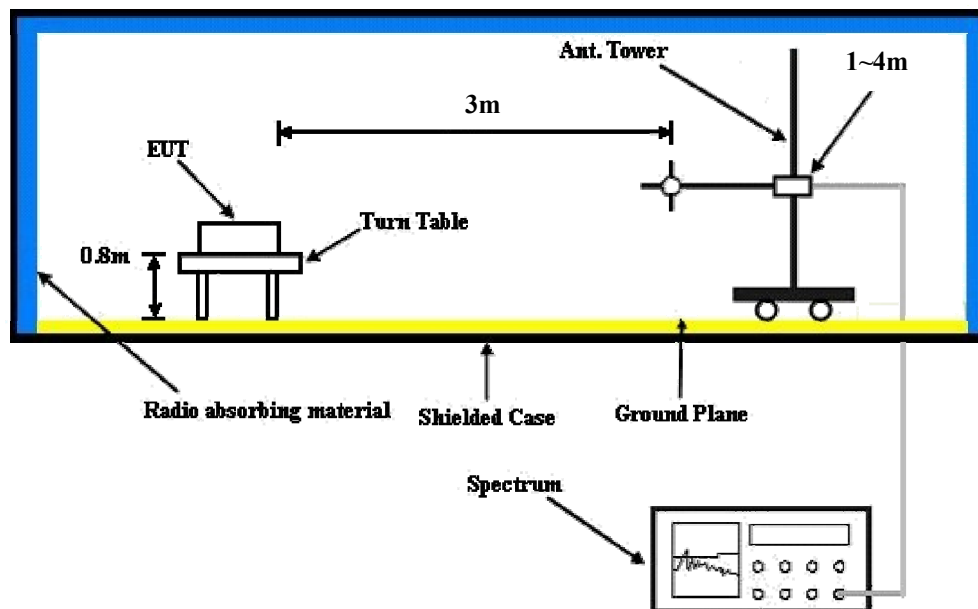
- a. All measurements were done at low, middle and high operational frequency range. RBW and VBW is 10MHz for LTE Mode.
- b. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- c. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step b. Record the power level of S.G
- d. $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$. E.R.P power can be calculated from E.I.R.P power by subtracting the gain of dipole, $E.R.P \text{ power} = E.I.R.P \text{ power} - 2.15\text{dBi}$.

Conducted Power Measurement:

A power sensor was used on the output port of the EUT. A power meter was used to read the response of the power sensor. Record the power level.

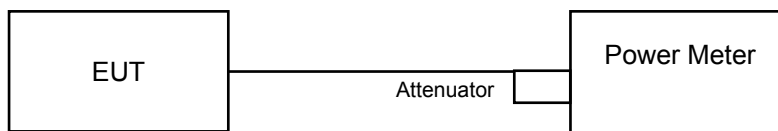
4.1.3 Test Setup

EIRP / ERP Measurement:



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

Conducted Power Measurement:



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

4.1.4 Test Results

Conducted Output Power (dBm)

Band / BW	RB Size	RB Offset	QPSK						16QAM						64QAM					
			Low CH 625		Mid CH 900		High CH 1175		Low CH 625		Mid CH 900		High CH 1175		Low CH 625		Mid CH 900		High CH 1175	
			1932.5 MHz		1960 MHz		1987.5 MHz		1932.5 MHz		1960 MHz		1987.5 MHz		1932.5 MHz		1960 MHz		1987.5 MHz	
			Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1
2/5M	25	0	19.95	18.53	20.22	20.56	19.81	20.62	19.43	18.12	19.76	20.04	19.35	20.21	18.98	17.68	19.24	19.67	18.87	19.84
			Total		Total		Total		Total		Total		Total		Total		Total		Total	
			22.31		23.40		23.24		21.83		22.91		22.81		21.39		22.47		22.39	
Band / BW	RB Size	RB Offset	QPSK						16QAM						64QAM					
			Low CH 650		Mid CH 900		High CH 1150		Low CH 650		Mid CH 900		High CH 1150		Low CH 650		Mid CH 900		High CH 1150	
			1935 MHz		1960 MHz		1985 MHz		1935 MHz		1960 MHz		1985 MHz		1935 MHz		1960 MHz		1985 MHz	
			Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1
2/10M	50	0	19.66	19.17	20.44	20.53	20.83	20.92	19.13	18.68	20.01	20.09	20.28	20.43	18.65	18.14	19.64	19.68	19.74	19.99
			Total		Total		Total		Total		Total		Total		Total		Total		Total	
			22.43		23.50		23.89		21.92		23.06		23.37		21.41		22.67		22.88	
Band / BW	RB Size	RB Offset	QPSK						16QAM						64QAM					
			Low CH 700		Mid CH 900		High CH 1100		Low CH 700		Mid CH 900		High CH 1100		Low CH 700		Mid CH 900		High CH 1100	
			1940 MHz		1960 MHz		1980 MHz		1940 MHz		1960 MHz		1980 MHz		1940 MHz		1960 MHz		1980 MHz	
			Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1
2/20M	100	0	19.90	19.78	20.18	20.52	20.69	21.00	19.48	19.34	19.84	20.10	20.14	20.53	19.02	18.75	19.36	19.63	19.64	20.11
			Total		Total		Total		Total		Total		Total		Total		Total		Total	
			22.85		23.36		23.86		22.42		22.98		23.35		21.90		22.51		22.89	

Band / BW	RB Size	RB Offset	QPSK						16QAM						64QAM					
			Low CH 2775		Mid CH 3100		High CH 3425		Low CH 2775		Mid CH 3100		High CH 3425		Low CH 2775		Mid CH 3100		High CH 3425	
			2622.5MHz		2655.0MHz		2687.5MHz		2622.5MHz		2655.0MHz		2687.5MHz		2622.5MHz		2655.0MHz		2687.5MHz	
			Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1
7/5M	25	0	20.35	21.30	20.86	20.92	20.36	20.92	19.50	20.67	20.05	20.02	19.42	20.06	18.62	19.83	19.14	19.18	18.57	19.25
			Total		Total		Total		Total		Total		Total		Total		Total		Total	
			23.86		23.90		23.66		23.13		23.05		22.76		22.28		22.17		21.93	
Band / BW	RB Size	RB Offset	QPSK						16QAM						64QAM					
			Low CH 2775		Mid CH 3100		High CH 3425		Low CH 2775		Mid CH 3100		High CH 3425		Low CH 2775		Mid CH 3100		High CH 3425	
			2622.5MHz		2655.0MHz		2687.5MHz		2622.5MHz		2655.0MHz		2687.5MHz		2622.5MHz		2655.0MHz		2687.5MHz	
			Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain0	Chain1	Chain0	Chain0	Chain1	Chain0	Chain0	Chain1	Chain0
7/10M	50	0	21.22	21.20	20.72	21.02	20.58	21.07	20.37	20.34	19.91	20.12	19.64	20.23	19.49	19.50	19.00	19.28	18.79	19.42
			Total		Total		Total		Total		Total		Total		Total		Total		Total	
			24.22		23.88		23.84		23.37		23.03		22.96		22.51		22.15		22.13	
Band / BW	RB Size	RB Offset	QPSK						16QAM						64QAM					
			Low CH 2775		Mid CH 3100		High CH 3425		Low CH 2775		Mid CH 3100		High CH 3425		Low CH 2775		Mid CH 3100		High CH 3425	
			2622.5MHz		2655.0MHz		2687.5MHz		2622.5MHz		2655.0MHz		2687.5MHz		2622.5MHz		2655.0MHz		2687.5MHz	
			Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1	Chain0	Chain1
7/20M	100	0	21.08	21.30	20.78	20.82	20.55	21.02	20.30	20.49	19.99	19.99	19.71	20.20	19.50	19.73	19.17	19.19	18.96	19.41
			Total		Total		Total		Total		Total		Total		Total		Total		Total	
			24.20		23.81		23.80		23.41		23.00		22.97		22.63		22.19		22.20	

Modulation Type: QPSK

EIRP Power (dBm)

MODE		Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 2775					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-17.6	23.0	-0.2	22.8	33.0	-10.2
2	2622.5	-18.4	24.1	0.2	24.3	33.0	-8.7
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-15.5	25.5	-0.2	25.3	33.0	-7.7
2	2622.5	-14.5	29.3	0.2	29.5	33.0	-3.5

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-18.0	22.6	-0.2	22.4	33.0	-10.6
2	2655.0	-19.2	23.5	0.3	23.8	33.0	-9.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-14.0	27.0	-0.2	26.8	33.0	-6.2
2	2655.0	-16.3	27.4	0.3	27.7	33.0	-5.3

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 3425					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-19.0	21.6	-0.2	21.4	33.0	-11.6
2	2687.5	-19.0	24.0	0.2	24.2	33.0	-8.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-14.4	26.6	-0.2	26.4	33.0	-6.6
2	2687.5	-16.0	27.8	0.2	28.0	33.0	-5.0

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 2775					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-17.1	23.4	-0.3	23.1	33.0	-9.9
2	2622.5	-18.6	23.9	0.2	24.1	33.0	-8.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-13.0	28.2	-0.3	27.9	33.0	-5.1
2	2622.5	-16.4	27.3	0.3	27.6	33.0	-5.4

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-15.8	24.7	-0.3	24.4	33.0	-8.6
2	2655.0	-18.8	23.9	0.3	24.2	33.0	-8.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-14.1	27.1	-0.3	26.8	33.0	-6.2
2	2655.0	-17.1	26.6	0.3	26.9	33.0	-6.1

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 3425					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-17.1	23.4	-0.3	23.1	33.0	-9.9
2	2687.5	-18.7	24.3	0.2	24.5	33.0	-8.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-14.4	26.8	-0.3	26.5	33.0	-6.5
2	2687.5	-16.7	27.1	0.2	27.3	33.0	-5.7

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 2775					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-15.2	25.2	-0.4	24.8	33.0	-8.2
2	2622.5	-18.6	23.9	0.2	24.1	33.0	-8.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-13.6	27.8	-0.4	27.4	33.0	-5.6
2	2622.5	-16.6	27.1	0.3	27.4	33.0	-5.6

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-15.0	25.4	-0.4	25.0	33.0	-8.0
2	2655.0	-18.6	24.1	0.3	24.4	33.0	-8.6
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-13.9	27.5	-0.4	27.1	33.0	-5.9
2	2655.0	-17.1	26.6	0.3	26.9	33.0	-6.1

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 3425					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-17.1	23.3	-0.4	22.9	33.0	-10.1
2	2687.5	-19.2	23.8	0.2	24.0	33.0	-9.0
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-13.5	27.9	-0.4	27.5	33.0	-5.5
2	2687.5	-16.8	27.0	0.2	27.2	33.0	-5.8

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 2800					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-16.9	23.7	-0.2	23.5	33.0	-9.5
2	2625.0	-18.1	24.4	0.2	24.6	33.0	-8.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-13.4	27.6	-0.2	27.4	33.0	-5.6
2	2625.0	-16.9	26.9	0.2	27.1	33.0	-5.9

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-16.6	24.0	-0.2	23.8	33.0	-9.2
2	2655.0	-18.4	24.3	0.3	24.6	33.0	-8.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-13.4	27.6	-0.2	27.4	33.0	-5.6
2	2655.0	-16.5	27.2	0.3	27.5	33.0	-5.5

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 3400					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-16.8	23.8	-0.2	23.6	33.0	-9.4
2	2685.0	-18.1	24.9	0.2	25.1	33.0	-7.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-13.0	28.0	-0.2	27.8	33.0	-5.2
2	2685.0	20.2	26.6	0.2	26.8	33.0	-6.2

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 2800					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-16.8	23.7	-0.3	23.4	33.0	-9.6
2	2625.0	-18.2	24.3	0.2	24.5	33.0	-8.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-13.2	28.0	-0.3	27.7	33.0	-5.3
2	2625.0	-15.9	27.9	0.2	28.1	33.0	-4.9

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-15.5	25.0	-0.3	24.7	33.0	-8.3
2	2655.0	-17.8	24.9	0.3	25.2	33.0	-7.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-13.8	27.4	-0.3	27.1	33.0	-5.9
2	2655.0	-17.3	26.4	0.3	26.7	33.0	-6.3

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 3400					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-16.2	24.3	-0.3	24.0	33.0	-9.0
2	2685.0	-18.7	24.3	0.2	24.5	33.0	-8.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-14.1	27.1	-0.3	26.8	33.0	-6.2
2	2685.0	-15.9	27.9	0.2	28.1	33.0	-4.9

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 2800					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-16.0	24.4	-0.4	24.0	33.0	-9.0
2	2625.0	-18.5	24.0	0.2	24.2	33.0	-8.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-14.2	27.2	-0.4	26.8	33.0	-6.2
2	2625.0	-17.0	26.8	0.2	27.0	33.0	-6.0

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-15.9	24.5	-0.4	24.1	33.0	-8.9
2	2655.0	-19.1	23.6	0.3	23.9	33.0	-9.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-14.2	27.2	-0.4	26.8	33.0	-6.2
2	2655.0	-17.3	26.4	0.3	26.7	33.0	-6.3

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 3400					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-16.9	23.5	-0.4	23.1	33.0	-9.9
2	2685.0	-19.1	23.9	0.2	24.1	33.0	-8.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-13.4	28.0	-0.4	27.6	33.0	-5.4
2	2685.0	20.2	26.6	0.2	26.8	33.0	-6.2

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 2850					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-16.9	23.7	-0.3	23.4	33.0	-9.6
2	2630.0	-19.6	22.9	0.2	23.1	33.0	-9.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-13.3	27.8	-0.3	27.5	33.0	-5.5
2	2630.0	-16.0	27.8	0.2	28.0	33.0	-5.0

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-17.0	23.6	-0.3	23.3	33.0	-9.7
2	2655.0	-19.2	23.5	0.3	23.8	33.0	-9.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-13.1	28.0	-0.3	27.7	33.0	-5.3
2	2655.0	-17.2	26.5	0.3	26.8	33.0	-6.2

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 3350					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-16.3	24.3	-0.3	24.0	33.0	-9.0
2	2680.0	-19.4	23.6	0.2	23.8	33.0	-9.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-13.5	27.6	-0.3	27.3	33.0	-5.7
2	2680.0	-17.2	26.6	0.2	26.8	33.0	-6.2

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 2850					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-17.0	23.5	-0.3	23.2	33.0	-9.8
2	2630.0	-18.5	24.0	0.2	24.2	33.0	-8.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-14.8	26.4	-0.3	26.1	33.0	-6.9
2	2630.0	-17.1	26.7	0.2	26.9	33.0	-6.1

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-18.2	22.3	-0.3	22.0	33.0	-11.0
2	2655.0	-21.3	21.4	0.3	21.7	33.0	-11.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-15.2	26.0	-0.3	25.7	33.0	-7.3
2	2655.0	-17.1	26.6	0.3	26.9	33.0	-6.1

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 3350					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-17.8	22.7	-0.3	22.4	33.0	-10.6
2	2680.0	-17.5	25.5	0.2	25.7	33.0	-7.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-14.9	26.3	-0.3	26.0	33.0	-7.0
2	2680.0	-16.6	27.2	0.2	27.4	33.0	-5.6

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 2850					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-16.7	23.8	-0.4	23.4	33.0	-9.6
2	2630.0	-19.9	22.6	0.2	22.8	33.0	-10.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-15.5	25.9	-0.4	25.5	33.0	-7.5
2	2630.0	-17.2	26.6	0.2	26.8	33.0	-6.2

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-16.7	23.8	-0.4	23.4	33.0	-9.6
2	2655.0	-19.2	23.5	0.3	23.8	33.0	-9.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-15.3	26.1	-0.4	25.7	33.0	-7.3
2	2655.0	-16.8	26.9	0.3	27.2	33.0	-5.8

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 3350					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-16.3	24.2	-0.4	23.8	33.0	-9.2
2	2680.0	-19.2	23.8	0.2	24.0	33.0	-9.0
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-14.8	26.6	-0.4	26.2	33.0	-6.8
2	2680.0	-16.6	27.2	0.2	27.4	33.0	-5.6

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Modulation Type: 16QAM

EIRP Power (dBm)

MODE		Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 2775					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-18.5	22.1	-0.2	21.9	33.0	-11.1
2	2622.5	-18.7	23.8	0.2	24.0	33.0	-9.0
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-15.9	25.1	-0.2	24.9	33.0	-8.1
2	2622.5	-15.3	28.5	0.2	28.7	33.0	-4.3

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-18.3	22.3	-0.2	22.1	33.0	-10.9
2	2655.0	-19.3	23.4	0.3	23.7	33.0	-9.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-14.7	26.3	-0.2	26.1	33.0	-6.9
2	2655.0	-16.8	26.9	0.3	27.2	33.0	-5.8

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 3425					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-19.5	21.1	-0.2	20.9	33.0	-12.1
2	2687.5	-19.6	23.4	0.2	23.6	33.0	-9.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-15.0	26.0	-0.2	25.8	33.0	-7.2
2	2687.5	-16.6	27.2	0.2	27.4	33.0	-5.6

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 2775					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-17.8	22.7	-0.3	22.4	33.0	-10.6
2	2622.5	-19.3	23.2	0.2	23.4	33.0	-9.6
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-13.3	27.9	-0.3	27.6	33.0	-5.4
2	2622.5	-17.0	26.8	0.2	27.0	33.0	-6.0

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-16.4	24.1	-0.3	23.8	33.0	-9.2
2	2655.0	-19.1	23.6	0.3	23.9	33.0	-9.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-14.7	26.5	-0.3	26.2	33.0	-6.8
2	2655.0	-17.8	25.9	0.3	26.2	33.0	-6.8

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 3425					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-17.5	23.0	-0.3	22.7	33.0	-10.3
2	2687.5	-19.3	23.7	0.2	23.9	33.0	-9.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-14.6	26.6	-0.3	26.3	33.0	-6.7
2	2687.5	-17.2	26.6	0.2	26.8	33.0	-6.2

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 2775					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-15.9	24.5	-0.4	24.1	33.0	-8.9
2	2622.5	-18.9	23.6	0.2	23.8	33.0	-9.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-14.1	27.3	-0.4	26.9	33.0	-6.1
2	2622.5	-17.3	26.5	0.2	26.7	33.0	-6.3

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-15.6	24.8	-0.4	24.4	33.0	-8.6
2	2655.0	-19.1	23.6	0.3	23.9	33.0	-9.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-14.5	26.9	-0.4	26.5	33.0	-6.5
2	2655.0	-17.4	26.3	0.3	26.6	33.0	-6.4

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 3425					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-17.8	22.6	-0.4	22.2	33.0	-10.8
2	2687.5	-20.0	23.0	0.2	23.2	33.0	-9.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-14.3	27.1	-0.4	26.7	33.0	-6.3
2	2687.5	-17.0	26.8	0.2	27.0	33.0	-6.0

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 2800					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-17.1	23.5	-0.2	23.3	33.0	-9.7
2	2625.0	-18.8	23.7	0.2	23.9	33.0	-9.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-13.7	27.3	-0.2	27.1	33.0	-5.9
2	2625.0	-17.7	26.1	0.2	26.3	33.0	-6.7

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-17.1	23.5	-0.2	23.3	33.0	-9.7
2	2655.0	-18.8	23.9	0.3	24.2	33.0	-8.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-13.5	27.5	-0.2	27.3	33.0	-5.7
2	2655.0	-17.0	26.7	0.3	27.0	33.0	-6.0

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 3400					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-17.5	23.1	-0.2	22.9	33.0	-10.1
2	2685.0	-18.4	24.6	0.2	24.8	33.0	-8.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-13.5	27.5	-0.2	27.3	33.0	-5.7
2	2685.0	-17.5	26.3	0.2	26.5	33.0	-6.5

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 2800					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-17.3	23.2	-0.3	22.9	33.0	-10.1
2	2625.0	-18.5	24.0	0.2	24.2	33.0	-8.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-13.6	27.6	-0.3	27.3	33.0	-5.7
2	2625.0	-16.6	27.2	0.2	27.4	33.0	-5.6

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-15.6	24.9	-0.3	24.6	33.0	-8.4
2	2655.0	-18.1	24.6	0.3	24.9	33.0	-8.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-14.2	27.0	-0.3	26.7	33.0	-6.3
2	2655.0	-17.5	26.2	0.3	26.5	33.0	-6.5

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 3400					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-16.9	23.6	-0.3	23.3	33.0	-9.7
2	2685.0	-19.1	23.9	0.2	24.1	33.0	-8.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-14.8	26.4	-0.3	26.1	33.0	-6.9
2	2685.0	-16.5	27.3	0.2	27.5	33.0	-5.5

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 2800					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-16.4	24.0	-0.4	23.6	33.0	-9.4
2	2625.0	-18.7	23.8	0.2	24.0	33.0	-9.0
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-14.9	26.5	-0.4	26.1	33.0	-6.9
2	2625.0	-17.4	26.4	0.2	26.6	33.0	-6.4

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-16.7	23.7	-0.4	23.3	33.0	-9.7
2	2655.0	-19.9	22.8	0.3	23.1	33.0	-9.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-14.8	26.6	-0.4	26.2	33.0	-6.8
2	2655.0	-17.7	26.0	0.3	26.3	33.0	-6.7

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 3400					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-17.3	23.1	-0.4	22.7	33.0	-10.3
2	2685.0	-19.4	23.6	0.2	23.8	33.0	-9.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-13.6	27.8	-0.4	27.4	33.0	-5.6
2	2685.0	-17.5	26.3	0.2	26.5	33.0	-6.5

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 2850					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-17.3	23.3	-0.3	23.0	33.0	-10.0
2	2630.0	-20.3	22.2	0.2	22.4	33.0	-10.6
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-13.9	27.2	-0.3	26.9	33.0	-6.1
2	2630.0	-16.4	27.4	0.2	27.6	33.0	-5.4

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-17.8	22.8	-0.3	22.5	33.0	-10.5
2	2655.0	-19.6	23.1	0.3	23.4	33.0	-9.6
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-13.8	27.3	-0.3	27.0	33.0	-6.0
2	2655.0	-17.6	26.1	0.3	26.4	33.0	-6.6

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 3350					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-17.1	23.5	-0.3	23.2	33.0	-9.8
2	2680.0	-19.8	23.2	0.2	23.4	33.0	-9.6
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-14.0	27.1	-0.3	26.8	33.0	-6.2
2	2680.0	-17.8	26.0	0.2	26.2	33.0	-6.8

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 2850					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-17.6	22.9	-0.3	22.6	33.0	-10.4
2	2630.0	-18.9	23.6	0.2	23.8	33.0	-9.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-15.3	25.9	-0.3	25.6	33.0	-7.4
2	2630.0	-17.6	26.2	0.2	26.4	33.0	-6.6

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-18.5	22.0	-0.3	21.7	33.0	-11.3
2	2655.0	-22.0	20.7	0.3	21.0	33.0	-12.0
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-15.6	25.6	-0.3	25.3	33.0	-7.7
2	2655.0	-17.5	26.2	0.3	26.5	33.0	-6.5

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 3350					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-18.3	22.2	-0.3	21.9	33.0	-11.1
2	2680.0	-17.7	25.3	0.2	25.5	33.0	-7.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-15.2	26.0	-0.3	25.7	33.0	-7.3
2	2680.0	-16.9	26.9	0.2	27.1	33.0	-5.9

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 2850					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-16.9	23.6	-0.4	23.2	33.0	-9.8
2	2630.0	-20.1	22.4	0.2	22.6	33.0	-10.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-16.0	25.4	-0.4	25.0	33.0	-8.0
2	2630.0	-17.7	26.1	0.2	26.3	33.0	-6.7

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-16.8	23.7	-0.4	23.3	33.0	-9.7
2	2655.0	-19.4	23.3	0.3	23.6	33.0	-9.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-16.0	25.4	-0.4	25.0	33.0	-8.0
2	2655.0	-17.3	26.4	0.3	26.7	33.0	-6.3

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 3350					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-16.7	23.8	-0.4	23.4	33.0	-9.6
2	2680.0	-19.9	23.1	0.2	23.3	33.0	-9.7
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-14.9	26.5	-0.4	26.1	33.0	-6.9
2	2680.0	-17.0	26.8	0.2	27.0	33.0	-6.0

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

Modulation Type: 64QAM

EIRP Power (dBm)

MODE		Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 2775					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-18.6	22.0	-0.2	21.8	33.0	-11.2
2	2622.5	-18.9	23.6	0.2	23.8	33.0	-9.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-15.9	25.1	-0.2	24.9	33.0	-8.1
2	2622.5	-15.2	28.6	0.2	28.8	33.0	-4.2

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-18.4	22.2	-0.2	22.0	33.0	-11.0
2	2655.0	-19.7	23.0	0.3	23.3	33.0	-9.7
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-14.6	26.4	-0.2	26.2	33.0	-6.8
2	2655.0	-16.7	27.0	0.3	27.3	33.0	-5.7

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 3425					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-19.6	21.0	-0.2	20.8	33.0	-12.2
2	2687.5	-19.6	23.4	0.2	23.6	33.0	-9.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1932.5	-14.9	26.1	-0.2	25.9	33.0	-7.1
2	2687.5	-16.2	27.6	0.2	27.8	33.0	-5.2

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 2775					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-17.3	23.2	-0.3	22.9	33.0	-10.1
2	2622.5	-18.8	23.7	0.2	23.9	33.0	-9.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-13.5	27.7	-0.3	27.4	33.0	-5.6
2	2622.5	-16.8	27.0	0.2	27.2	33.0	-5.8

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-16.3	24.2	-0.3	23.9	33.0	-9.1
2	2655.0	-19.0	23.7	0.3	24.0	33.0	-9.0
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-14.4	26.8	-0.3	26.5	33.0	-6.5
2	2655.0	-17.5	26.2	0.3	26.5	33.0	-6.5

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 3425					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-17.7	22.8	-0.3	22.5	33.0	-10.5
2	2687.5	-19.1	23.9	0.2	24.1	33.0	-8.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-15.1	26.1	-0.3	25.8	33.0	-7.2
2	2687.5	-17.2	26.6	0.2	26.8	33.0	-6.2

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 2775					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-15.4	25.0	-0.4	24.6	33.0	-8.4
2	2622.5	-18.8	23.7	0.2	23.9	33.0	-9.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-14.1	27.3	-0.4	26.9	33.0	-6.1
2	2622.5	-17.1	26.7	0.2	26.9	33.0	-6.1

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-15.4	25.0	-0.4	24.6	33.0	-8.4
2	2655.0	-19.3	23.4	0.3	23.7	33.0	-9.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-14.1	27.3	-0.4	26.9	33.0	-6.1
2	2655.0	-17.4	26.3	0.3	26.6	33.0	-6.4

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 3425					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-17.8	22.6	-0.4	22.2	33.0	-10.8
2	2687.5	-19.3	23.7	0.2	23.9	33.0	-9.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1987.5	-13.9	27.5	-0.4	27.1	33.0	-5.9
2	2687.5	-17.1	26.7	0.2	26.9	33.0	-6.1

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 2800					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-17.1	23.5	-0.2	23.3	33.0	-9.7
2	2625.0	-18.5	24.0	0.2	24.2	33.0	-8.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-13.9	27.1	-0.2	26.9	33.0	-6.1
2	2625.0	-17.3	26.5	0.2	26.7	33.0	-6.3

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-16.8	23.8	-0.2	23.6	33.0	-9.4
2	2655.0	-18.7	24.0	0.3	24.3	33.0	-8.7
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-13.6	27.4	-0.2	27.2	33.0	-5.8
2	2655.0	-17.1	26.6	0.3	26.9	33.0	-6.1

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 3400					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-17.3	23.3	-0.2	23.1	33.0	-9.9
2	2685.0	-18.3	24.7	0.2	24.9	33.0	-8.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1935.0	-13.5	27.5	-0.2	27.3	33.0	-5.7
2	2685.0	-17.8	26.0	0.2	26.2	33.0	-6.8

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 2800					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-17.3	23.2	-0.3	22.9	33.0	-10.1
2	2625.0	-18.4	24.1	0.2	24.3	33.0	-8.7
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-13.4	27.8	-0.3	27.5	33.0	-5.5
2	2625.0	-16.2	27.6	0.2	27.8	33.0	-5.2

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-15.9	24.6	-0.3	24.3	33.0	-8.7
2	2655.0	-18.5	24.2	0.3	24.5	33.0	-8.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-13.9	27.3	-0.3	27.0	33.0	-6.0
2	2655.0	-17.4	26.3	0.3	26.6	33.0	-6.4

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 3400					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-16.4	24.1	-0.3	23.8	33.0	-9.2
2	2685.0	-19.2	23.8	0.2	24.0	33.0	-9.0
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-14.7	26.5	-0.3	26.2	33.0	-6.8
2	2685.0	-16.4	27.4	0.2	27.6	33.0	-5.4

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 2800					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-16.3	24.1	-0.4	23.7	33.0	-9.3
2	2625.0	-19.1	23.4	0.2	23.6	33.0	-9.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-14.5	26.9	-0.4	26.5	33.0	-6.5
2	2625.0	-17.3	26.5	0.2	26.7	33.0	-6.3

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-16.4	24.0	-0.4	23.6	33.0	-9.4
2	2655.0	-19.5	23.2	0.3	23.5	33.0	-9.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-14.4	27.0	-0.4	26.6	33.0	-6.4
2	2655.0	-17.8	25.9	0.3	26.2	33.0	-6.8

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 3400					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-17.4	23.0	-0.4	22.6	33.0	-10.4
2	2685.0	-19.4	23.6	0.2	23.8	33.0	-9.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1985.0	-13.7	27.7	-0.4	27.3	33.0	-5.7
2	2685.0	-17.8	26.0	0.2	26.2	33.0	-6.8

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 2850					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-17.1	23.5	-0.3	23.2	33.0	-9.8
2	2630.0	-19.9	22.6	0.2	22.8	33.0	-10.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-13.6	27.5	-0.3	27.2	33.0	-5.8
2	2630.0	-16.6	27.2	0.2	27.4	33.0	-5.6

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-17.8	22.8	-0.3	22.5	33.0	-10.5
2	2655.0	-19.6	23.1	0.3	23.4	33.0	-9.6
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-13.3	27.8	-0.3	27.5	33.0	-5.5
2	2655.0	-17.5	26.2	0.3	26.5	33.0	-6.5

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 3350					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-16.9	23.7	-0.3	23.4	33.0	-9.6
2	2680.0	-19.6	23.4	0.2	23.6	33.0	-9.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1940.0	-13.7	27.4	-0.3	27.1	33.0	-5.9
2	2680.0	-17.8	26.0	0.2	26.2	33.0	-6.8

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 2850					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-17.4	23.1	-0.3	22.8	33.0	-10.2
2	2630.0	-19.0	23.5	0.2	23.7	33.0	-9.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-15.4	25.8	-0.3	25.5	33.0	-7.5
2	2630.0	-17.3	26.5	0.2	26.7	33.0	-6.3

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-18.4	22.1	-0.3	21.8	33.0	-11.2
2	2655.0	-22.0	20.7	0.3	21.0	33.0	-12.0
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-15.9	25.3	-0.3	25.0	33.0	-8.0
2	2655.0	-17.3	26.4	0.3	26.7	33.0	-6.3

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 3350					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-18.3	22.2	-0.3	21.9	33.0	-11.1
2	2680.0	-18.2	24.8	0.2	25.0	33.0	-8.0
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1960.0	-15.2	26.0	-0.3	25.7	33.0	-7.3
2	2680.0	-17.0	26.8	0.2	27.0	33.0	-6.0

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 2850					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-17.1	23.4	-0.4	23.0	33.0	-10.0
2	2630.0	-20.6	21.9	0.2	22.1	33.0	-10.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-16.1	25.3	-0.4	24.9	33.0	-8.1
2	2630.0	-17.8	26.0	0.2	26.2	33.0	-6.8

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 3100					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-17.2	23.3	-0.4	22.9	33.0	-10.1
2	2655.0	-20.0	22.7	0.3	23.0	33.0	-10.0
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-15.4	26.0	-0.4	25.6	33.0	-7.4
2	2655.0	-17.4	26.3	0.3	26.6	33.0	-6.4

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

MODE		Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 3350					
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-16.8	23.7	-0.4	23.3	33.0	-9.7
2	2680.0	-19.5	23.5	0.2	23.7	33.0	-9.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	1980.0	-15.4	26.0	-0.4	25.6	33.0	-7.4
2	2680.0	-16.7	27.1	0.2	27.3	33.0	-5.7

Note: EIRP (dBm) = S.G Power Value (dBm) + Correction Factor (dB).

4.2 Emission Bandwidth Measurement

4.2.1 Test Procedure

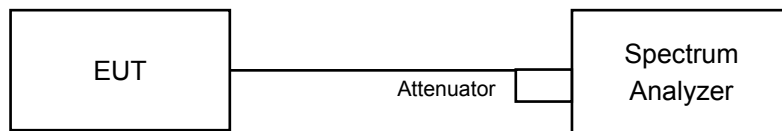
Part 24:

The EUT makes a call to the communication simulator. 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. Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

Part 27:

According to FCC 27.53(m)(6) specified that 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 emissions are attenuated at least 26dB below the transmitter power.

4.2.2 Test Setup



4.2.3 Test Result

Band width	CA Channel Mode		QPSK					
	LTE band 2	LTE Band 7	Total OBW					
			Band 2 Chain 0 + Band 7 Chain 0	Band 2 Chain 0 + Band 7 Chain 1	Band 2 Chain 1 + Band 7 Chain 0	Band 2 Chain 1 + Band 7 Chain 1	Max 99% OBW	Emission Designator
5M	625	2775	8.86	8.86	8.86	8.86	8.86	8M86G7D
	625	3100	8.85	8.86	8.85	8.86	8.86	8M86G7D
	625	3425	8.85	8.86	8.85	8.86	8.86	8M86G7D
	900	2775	8.88	8.88	8.86	8.86	8.88	8M88G7D
	900	3100	8.87	8.88	8.85	8.86	8.88	8M88G7D
	900	3425	8.87	8.88	8.85	8.86	8.88	8M88G7D
	1175	2775	8.88	8.88	8.86	8.86	8.88	8M88G7D
	1175	3100	8.87	8.88	8.85	8.86	8.88	8M88G7D
	1175	3425	8.87	8.88	8.85	8.86	8.88	8M88G7D
10M	650	2800	17.83	17.83	17.83	17.83	17.83	17M8G7D
	650	3100	17.80	17.83	17.80	17.83	17.83	17M8G7D
	650	3400	17.83	17.83	17.83	17.83	17.83	17M8G7D
	900	2800	17.83	17.83	17.86	17.86	17.86	17M8G7D
	900	3100	17.80	17.83	17.83	17.86	17.86	17M8G7D
	900	3400	17.83	17.83	17.86	17.86	17.86	17M8G7D
	1150	2800	17.83	17.83	17.86	17.86	17.86	17M8G7D
	1150	3100	17.80	17.83	17.83	17.86	17.86	17M8G7D
	1150	3400	17.83	17.83	17.86	17.86	17.86	17M8G7D
20M	700	2850	36.00	35.93	35.87	35.80	36.00	36M0G7D
	700	3100	35.93	35.93	35.80	35.80	35.93	35M9G7D
	700	3350	35.93	36.00	35.80	35.87	36.00	36M0G7D
	900	2850	35.93	35.86	35.93	35.86	35.93	35M9G7D
	900	3100	35.86	35.86	35.86	35.86	35.86	35M8G7D
	900	3350	35.86	35.93	35.86	35.93	35.93	35M9G7D
	1100	2850	35.93	35.86	36.00	35.93	36.00	36M0G7D
	1100	3100	35.86	35.86	35.93	35.93	35.93	35M9G7D
	1100	3350	35.86	35.93	35.93	36.00	36.00	36M0G7D

Band width	CA Channel Mode		16QAM					
			Total OBW					
	LTE band 2	LTE Band 7	Band 2 Chain 0 + Band 7 Chain 0	Band 2 Chain 0 + Band 7 Chain 1	Band 2 Chain 1 + Band 7 Chain 0	Band 2 Chain 1 + Band 7 Chain 1	Max 99% OBW	Emission Designator
5M	625	2775	8.86	8.88	8.86	8.88	8.88	8M88W7D
	625	3100	8.86	8.86	8.86	8.86	8.86	8M86W7D
	625	3425	8.85	8.86	8.85	8.86	8.86	8M86W7D
	900	2775	8.86	8.86	8.86	8.88	8.88	8M88W7D
	900	3100	8.86	8.86	8.86	8.86	8.86	8M86W7D
	900	3425	8.85	8.85	8.85	8.86	8.86	8M86W7D
	1175	2775	8.86	8.86	8.86	8.88	8.88	8M88W7D
	1175	3100	8.86	8.86	8.86	8.86	8.86	8M86W7D
	1175	3425	8.85	8.85	8.85	8.86	8.86	8M86W7D
10M	650	2800	17.83	17.83	17.83	17.83	17.83	17M8W7D
	650	3100	17.80	17.80	17.80	17.83	17.83	17M8W7D
	650	3400	17.80	17.80	17.80	17.83	17.83	17M8W7D
	900	2800	17.83	17.83	17.83	17.83	17.83	17M8W7D
	900	3100	17.80	17.80	17.80	17.83	17.83	17M8W7D
	900	3400	17.80	17.80	17.80	17.83	17.83	17M8W7D
	1150	2800	17.83	17.83	17.86	17.86	17.86	17M8W7D
	1150	3100	17.80	17.80	17.83	17.86	17.86	17M8W7D
	1150	3400	17.80	17.80	17.83	17.86	17.86	17M8W7D
20M	700	2850	36.00	35.93	35.87	35.80	36.00	36M0W7D
	700	3100	35.93	35.93	35.80	35.80	35.93	35M9W7D
	700	3350	35.93	36.00	35.80	35.87	36.00	36M0W7D
	900	2850	35.93	35.86	35.93	35.86	35.93	35M9W7D
	900	3100	35.86	35.86	35.86	35.86	35.86	35M8W7D
	900	3350	35.86	35.93	35.86	35.93	35.93	35M9W7D
	1100	2850	35.93	35.86	36.00	35.93	36.00	36M0W7D
	1100	3100	35.86	35.86	35.93	35.93	35.93	35M9W7D
	1100	3350	35.86	35.93	35.93	36.00	36.00	36M0W7D

Band width	CA Channel Mode		64QAM					
			Total OBW					
	LTE band 2	LTE Band 7	Band 2 Chain 0 + Band 7 Chain 0	Band 2 Chain 0 + Band 7 Chain 1	Band 2 Chain 1 + Band 7 Chain 0	Band 2 Chain 1 + Band 7 Chain 1	Max 99% OBW	Emission Designator
5M	625	2775	8.85	8.86	8.85	8.86	8.86	8M86W7D
	625	3100	8.85	8.86	8.85	8.86	8.86	8M86W7D
	625	3425	8.86	8.86	8.86	8.86	8.86	8M86W7D
	900	2775	8.84	8.85	8.85	8.86	8.86	8M86W7D
	900	3100	8.84	8.85	8.85	8.86	8.86	8M86W7D
	900	3425	8.85	8.85	8.86	8.86	8.86	8M86W7D
	1175	2775	8.87	8.88	8.85	8.86	8.88	8M88W7D
	1175	3100	8.87	8.88	8.85	8.86	8.88	8M88W7D
	1175	3425	8.88	8.88	8.86	8.86	8.88	8M88W7D
10M	650	2800	17.83	17.83	17.83	17.83	17.83	17M8W7D
	650	3100	17.80	17.83	17.80	17.83	17.83	17M8W7D
	650	3400	17.80	17.83	17.80	17.83	17.83	17M8W7D
	900	2800	17.83	17.83	17.83	17.83	17.83	17M8W7D
	900	3100	17.80	17.83	17.80	17.83	17.83	17M8W7D
	900	3400	17.80	17.83	17.80	17.83	17.83	17M8W7D
	1150	2800	17.83	17.83	17.86	17.86	17.86	17M8W7D
	1150	3100	17.80	17.83	17.83	17.86	17.86	17M8W7D
	1150	3400	17.80	17.83	17.83	17.86	17.86	17M8W7D
20M	700	2850	36.00	36.00	35.87	35.87	36.00	36M0W7D
	700	3100	35.93	35.93	35.80	35.80	35.93	35M9W7D
	700	3350	35.93	36.00	35.80	35.87	36.00	36M0W7D
	900	2850	35.93	35.93	35.93	35.93	35.93	35M9W7D
	900	3100	35.86	35.86	35.86	35.86	35.86	35M8W7D
	900	3350	35.86	35.93	35.86	35.93	35.93	35M9W7D
	1100	2850	35.93	35.93	36.00	36.00	36.00	36M0W7D
	1100	3100	35.86	35.86	35.93	35.93	35.93	35M9W7D
	1100	3350	35.86	35.93	35.93	36.00	36.00	36M0W7D

LTE Band 2 / Chain 0

Channel Bandwidth 5MHz							
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
625	1932.5	4.72	4.70	4.71	4.43	4.43	4.43
900	1960.0	4.72	4.74	4.72	4.45	4.43	4.42
1175	1987.5	4.72	4.72	4.73	4.45	4.43	4.45

Channel Bandwidth 10MHz							
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
650	1935.0	9.58	9.52	9.52	8.90	8.90	8.90
900	1960.0	9.59	9.51	9.53	8.90	8.90	8.90
1150	1985.0	9.56	9.56	9.58	8.90	8.90	8.90

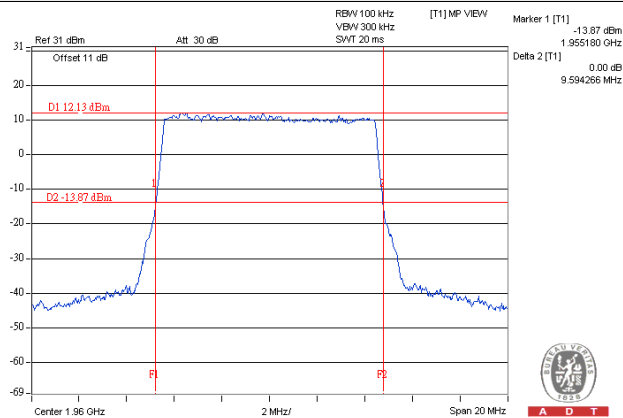
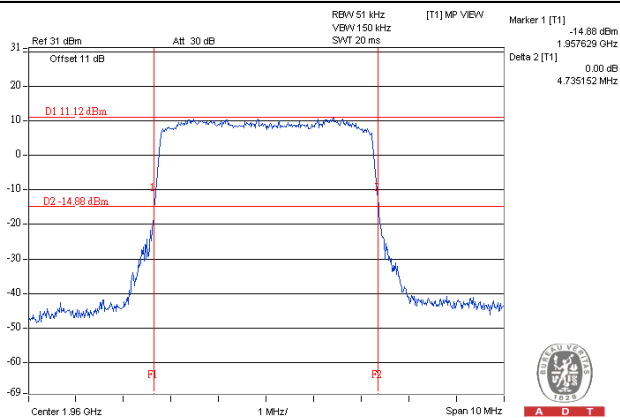
Channel Bandwidth 20MHz							
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
700	1940.0	19.43	19.32	19.34	18.00	18.00	18.00
900	1960.0	19.26	19.30	19.14	17.93	17.93	17.93
1100	1980.0	19.26	19.25	19.27	17.93	17.93	17.93

Spectrum Plot of Worst Value

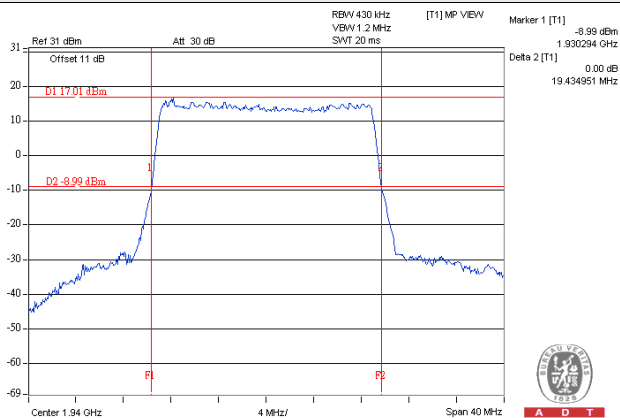
26dBc Bandwidth

5MHz / 16QAM / Ch 900

10MHz / QPSK / Ch 900



20MHz / QPSK / Ch 700

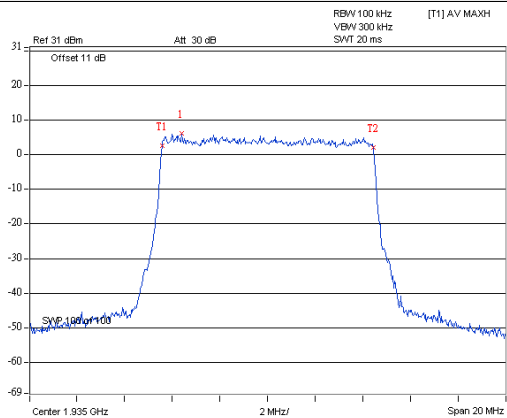
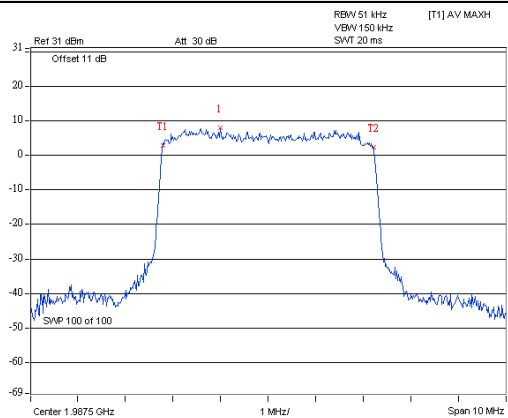


Spectrum Plot of Worst Value

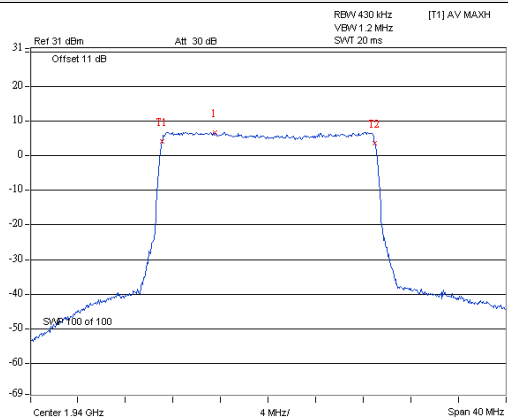
Occupied Bandwidth

5MHz / QPSK / Ch 1175

10MHz / QPSK / Ch 650



20MHz / QPSK / Ch 700



LTE Band 2 / Chain 1

Channel Bandwidth 5MHz							
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
625	1932.5	4.73	4.70	4.70	4.43	4.43	4.43
900	1960.0	4.72	4.68	4.68	4.43	4.43	4.43
1175	1987.5	4.72	4.72	4.70	4.43	4.43	4.43

Channel Bandwidth 10MHz							
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
650	1935.0	9.55	9.51	9.46	8.90	8.90	8.90
900	1960.0	9.57	9.53	9.52	8.93	8.90	8.90
1150	1985.0	9.60	9.59	9.56	8.93	8.93	8.93

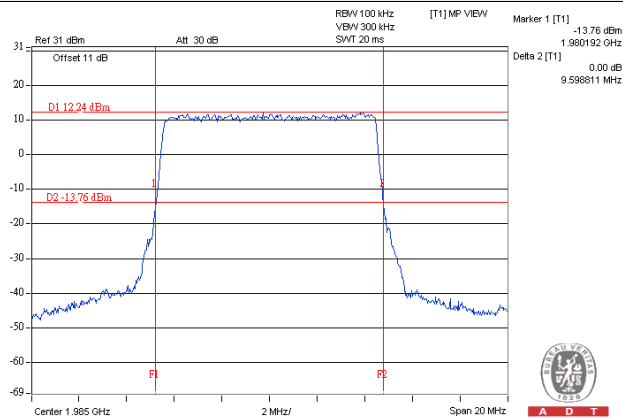
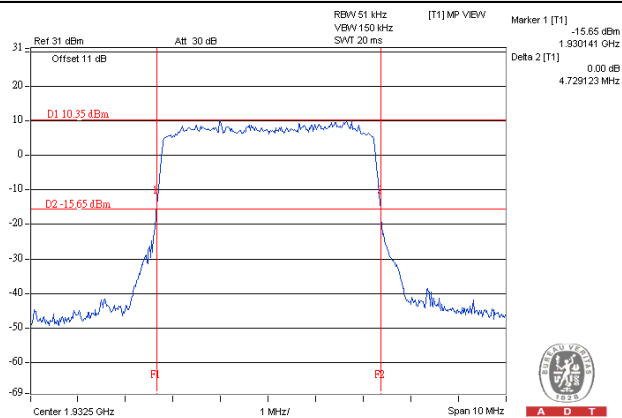
Channel Bandwidth 20MHz							
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
700	1940.0	19.30	19.30	19.28	17.87	17.87	17.87
900	1960.0	19.44	19.33	19.41	17.93	17.93	17.93
1100	1980.0	19.38	19.25	19.35	18.00	18.00	18.00

Spectrum Plot of Worst Value

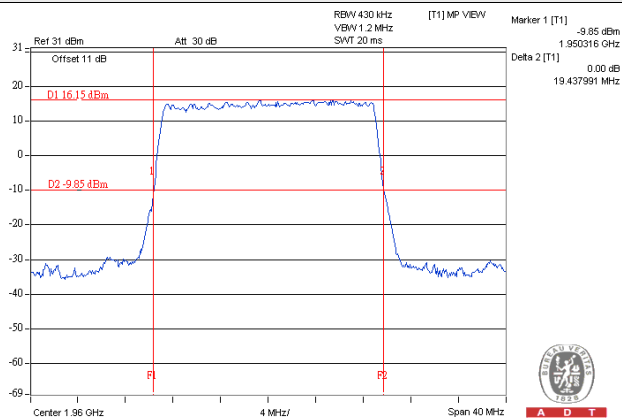
26dBc Bandwidth

5MHz / QPSK / Ch 625

10MHz / QPSK / Ch 1150



20MHz / QPSK / Ch 900

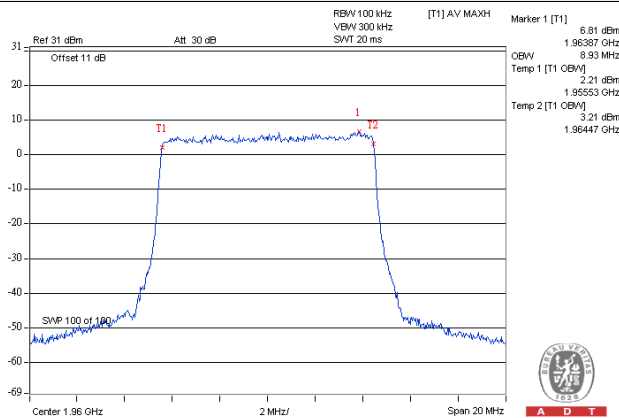
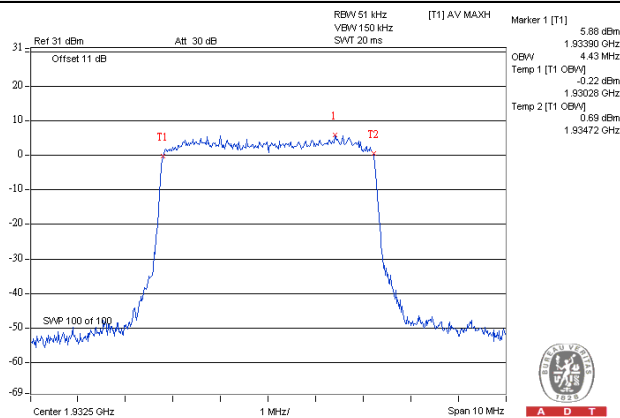


Spectrum Plot of Worst Value

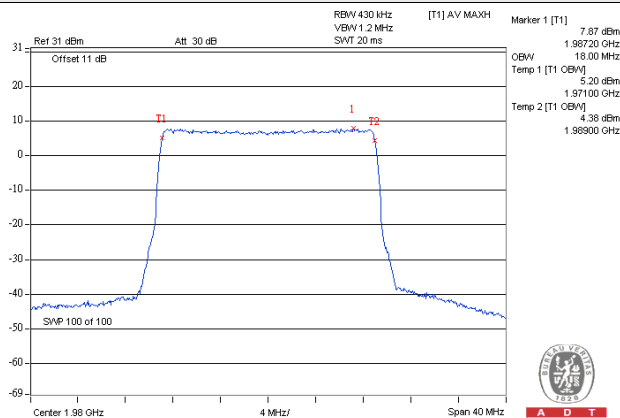
Occupied Bandwidth

5MHz / QPSK / Ch 625

10MHz / QPSK / Ch 900



20MHz / QPSK / Ch 1100



LTE Band 7 / Chain 0

Channel Bandwidth: 5MHz							
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2775	2622.5	4.72	4.71	4.71	4.43	4.43	4.42
3100	2655.0	4.73	4.68	4.71	4.42	4.43	4.42
3425	2687.5	4.72	4.71	4.70	4.42	4.42	4.43

Channel Bandwidth: 10MHz							
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2800	2625.0	9.60	9.57	9.53	8.93	8.93	8.93
3100	2655.0	9.59	9.52	9.55	8.90	8.90	8.90
3400	2685.0	9.59	9.53	9.63	8.93	8.90	8.90

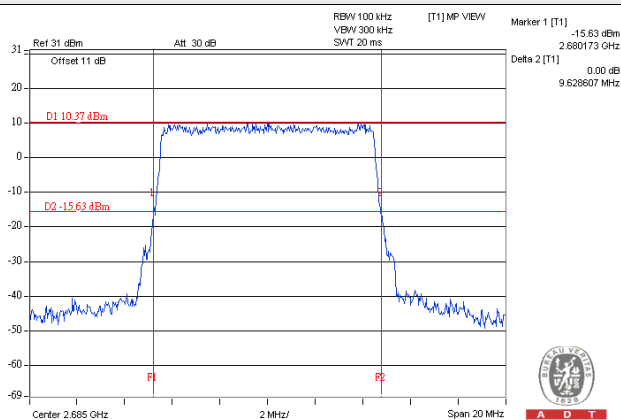
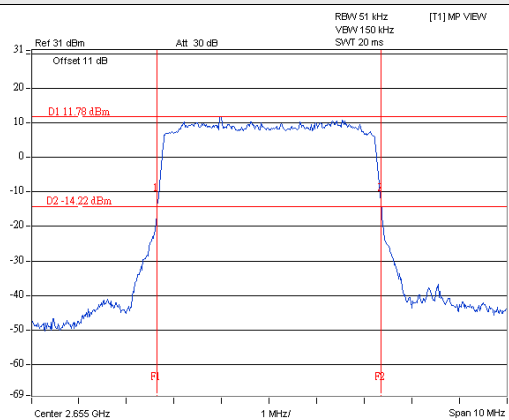
Channel Bandwidth: 20MHz							
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2850	2630.0	19.39	19.28	19.21	18.00	18.00	18.00
3100	2655.0	19.35	19.23	19.27	17.93	17.93	17.93
3350	2680.0	19.37	19.33	19.20	17.93	17.93	17.93

Spectrum Plot of Worst Value

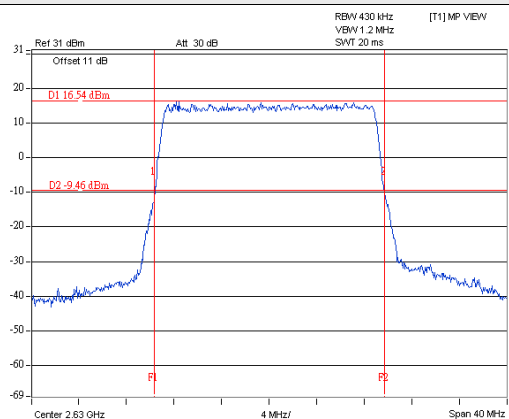
26dBc Bandwidth

5MHz / QPSK / Ch 3100

10MHz / 64QAM / Ch 3400



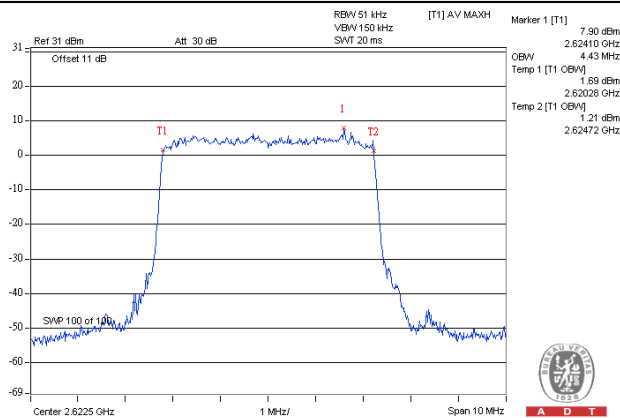
20MHz / QPSK / Ch 2850



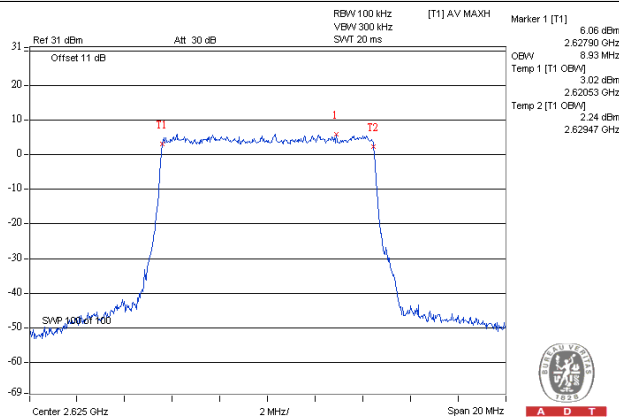
Spectrum Plot of Worst Value

Occupied Bandwidth

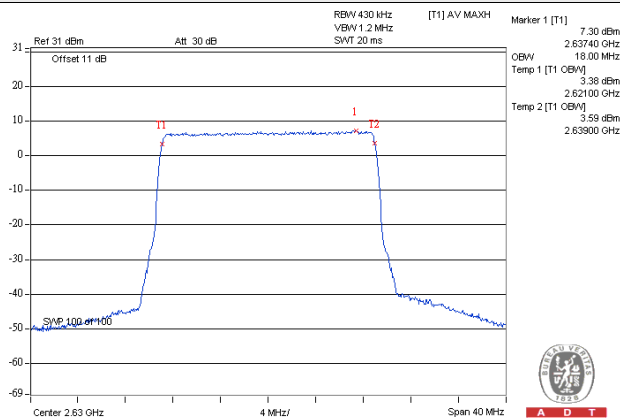
5MHz / QPSK / Ch 2775



10MHz / QPSK / Ch 2800



20MHz / QPSK / Ch 2850



LTE Band 7 / Chain 1

Channel Bandwidth: 5MHz							
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2775	2622.5	4.71	4.70	4.71	4.43	4.45	4.43
3100	2655.0	4.73	4.70	4.71	4.43	4.43	4.43
3425	2687.5	4.70	4.73	4.70	4.43	4.43	4.43

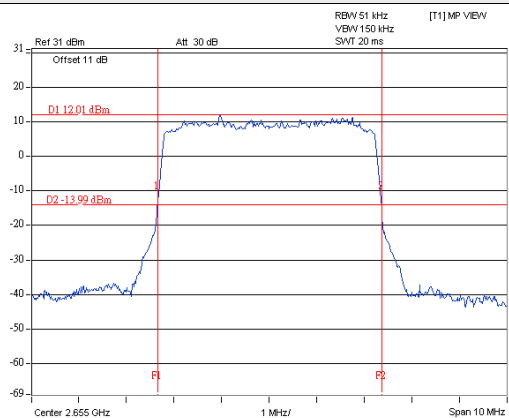
Channel Bandwidth: 10MHz							
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2800	2625.0	9.61	9.58	9.48	8.93	8.93	8.93
3100	2655.0	9.61	9.59	9.55	8.93	8.93	8.93
3400	2685.0	9.61	9.57	9.57	8.93	8.93	8.93

Channel Bandwidth: 20MHz							
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)			Occupied Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
2850	2630.0	19.26	19.30	19.08	17.93	17.93	18.00
3100	2655.0	19.36	19.28	19.31	17.93	17.93	17.93
3350	2680.0	19.34	19.27	19.14	18.00	18.00	18.00

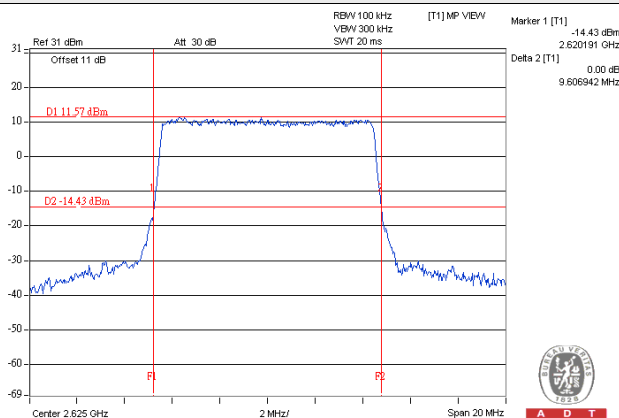
Spectrum Plot of Worst Value

26dBc Bandwidth

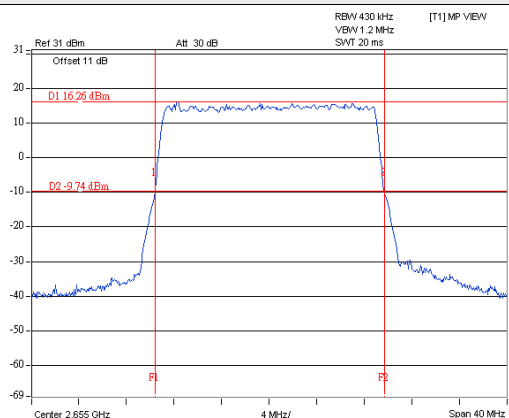
5MHz / QPSK / Ch 3100



10MHz / QPSK / Ch 2800



20MHz / QPSK / Ch 3100

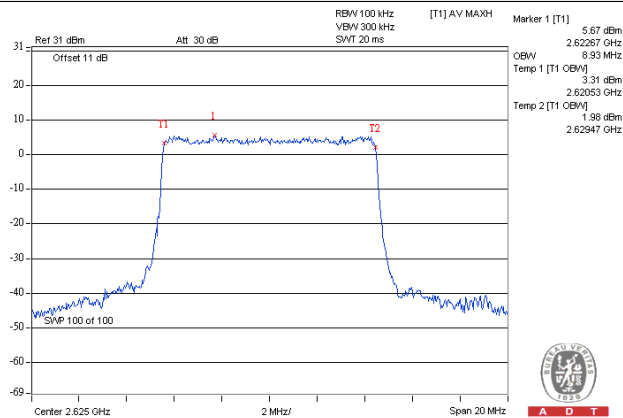
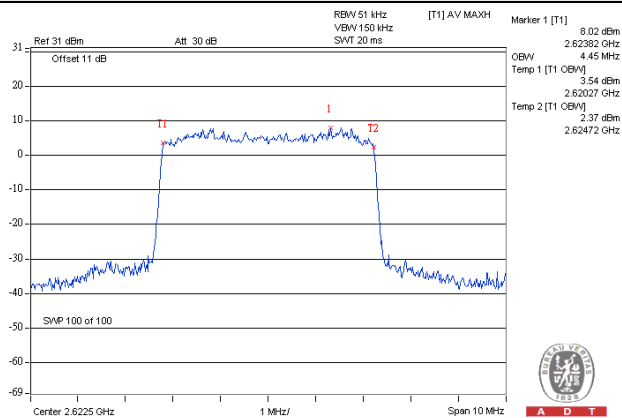


Spectrum Plot of Worst Value

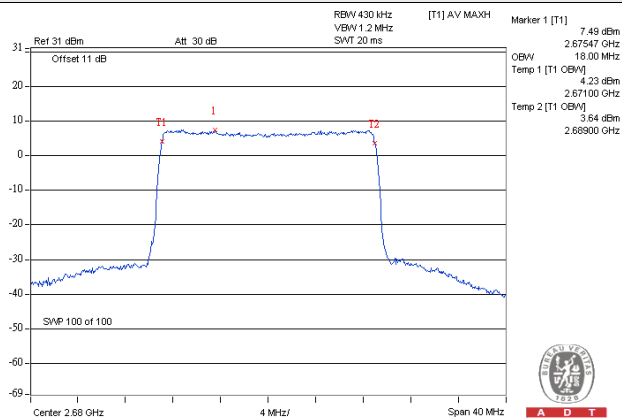
Occupied Bandwidth

5MHz / 16QAM / Ch 2775

10MHz / QPSK / Ch 2800



20MHz / QPSK / Ch 3350



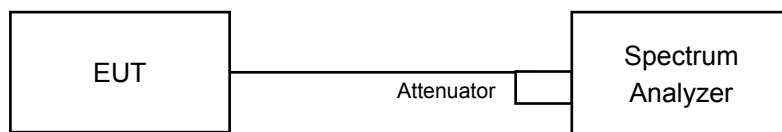
4.3 Band Edge Measurement

4.3.1 Limits of Band Edge 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 .

This device can be implement MIMO function, so the limit of spurious emissions needs to be reduced by $10\log(\text{Numbers}_{\text{Ant}})$ according to FCC KDB 662911 D01 guidance.

4.3.2 Test Setup

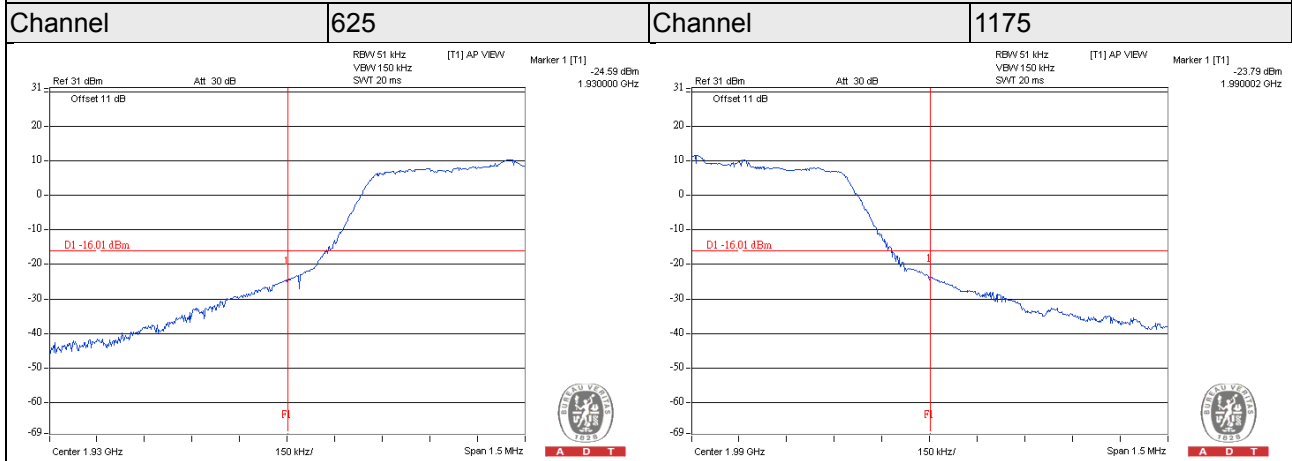


4.3.3 Test Procedures

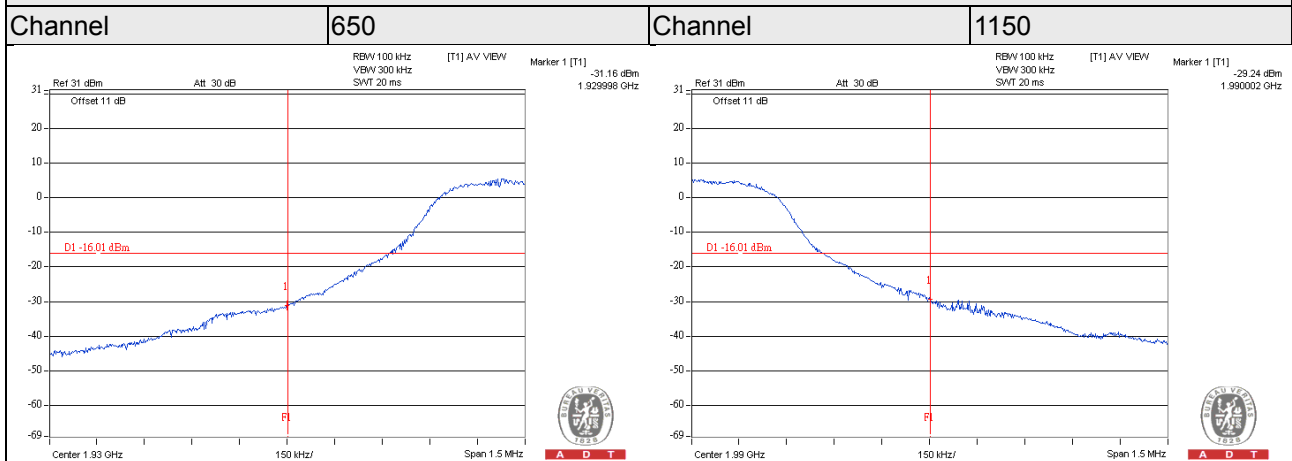
- All measurements were done at low and high operational frequency range.
- The center frequency of spectrum is the band edge frequency and span is 1.5MHz. RB of the spectrum is 50kHz and VB of the spectrum is 150kHz (LTE).
- Record the max trace plot into the test report.

4.3.4 Test Results

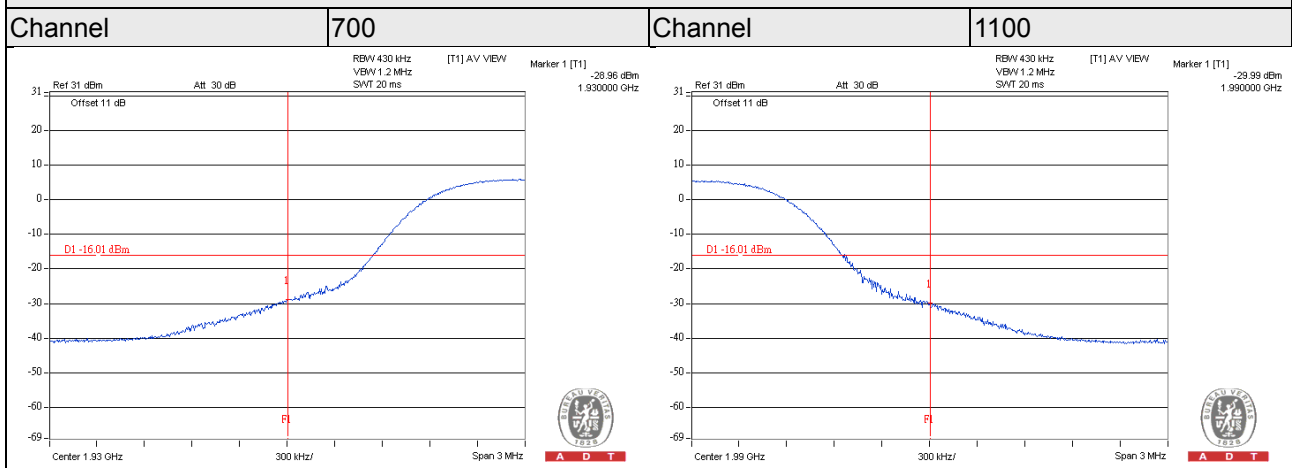
LTE Band 2 / QPSK / Chain 0 / Channel Bandwidth 5MHz



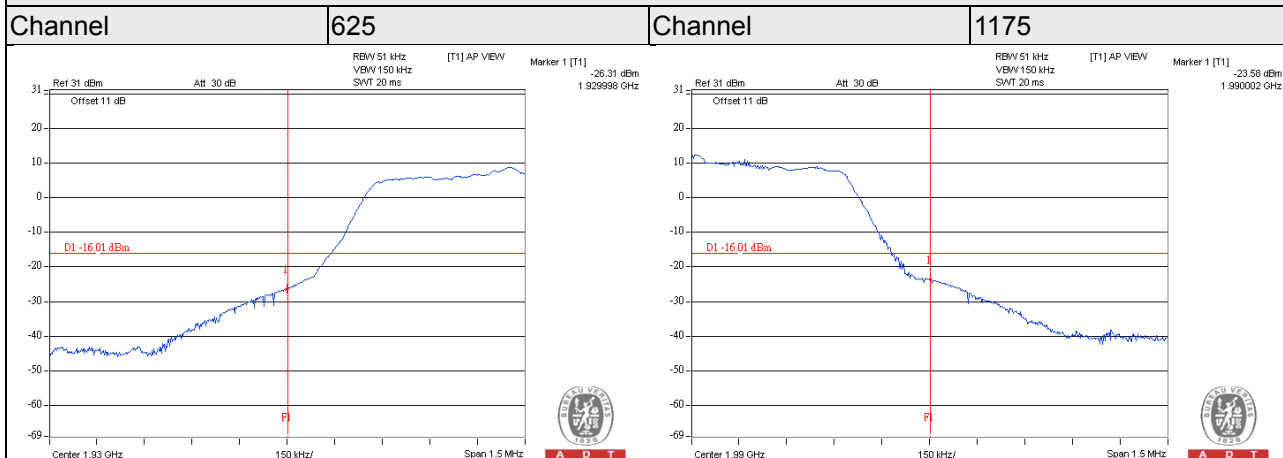
LTE Band 2 / Chain 0 / Channel Bandwidth 10MHz



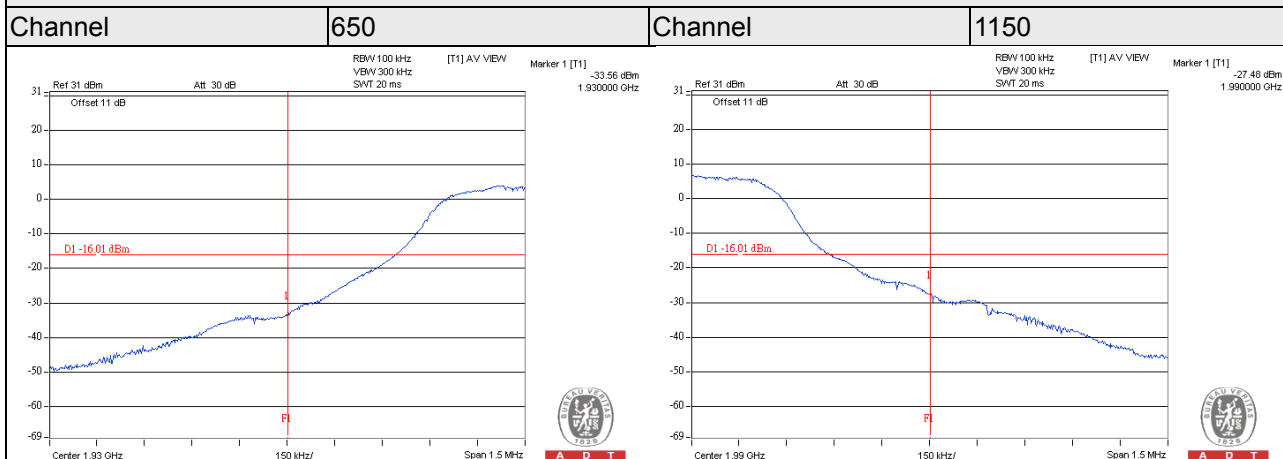
LTE Band 2 / QPSK / Chain 0 / Channel Bandwidth 20MHz



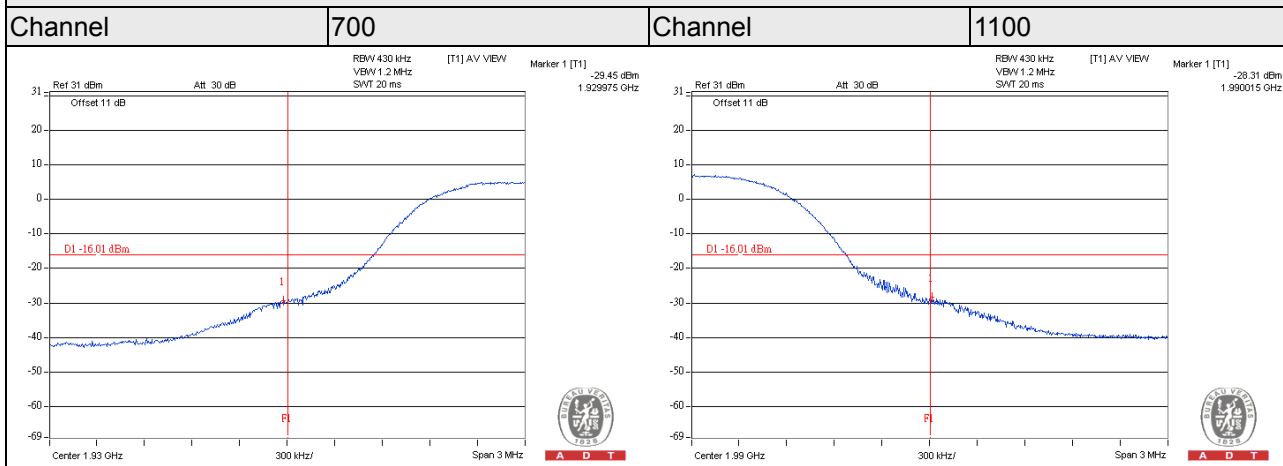
LTE Band 2 / QPSK / Chain 1 / Channel Bandwidth 5MHz



LTE Band 2 / QPSK / Chain 1 / Channel Bandwidth 10MHz



LTE Band 2 / QPSK / Chain 1 / Channel Bandwidth 20MHz



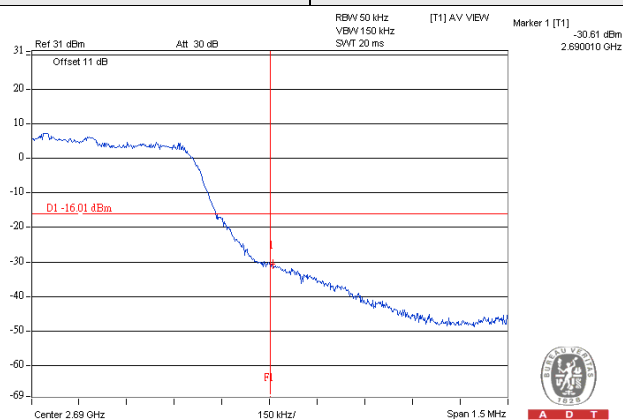
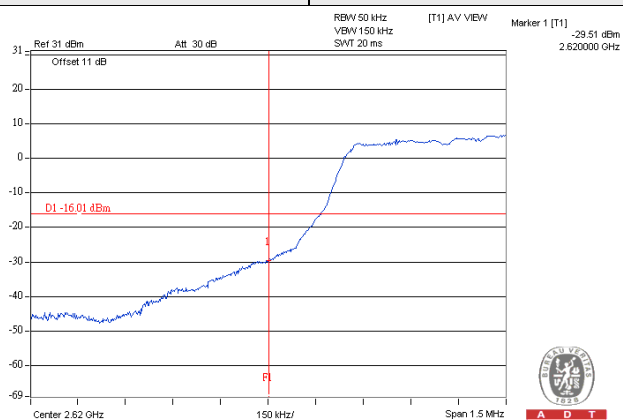
LTE Band 7 / QPSK / Chain 0 / Channel Bandwidth: 5MHz

Channel 2775

QPSK

Channel 3425

QPSK



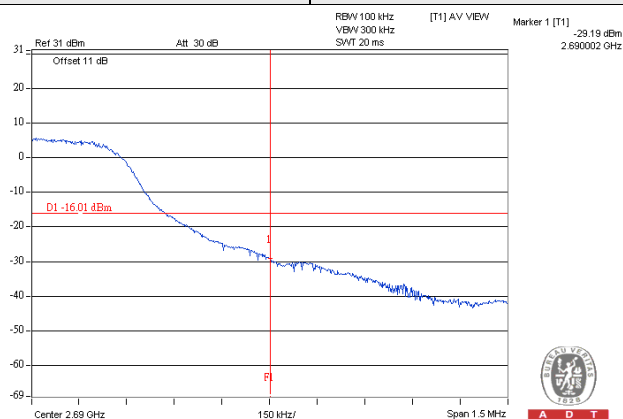
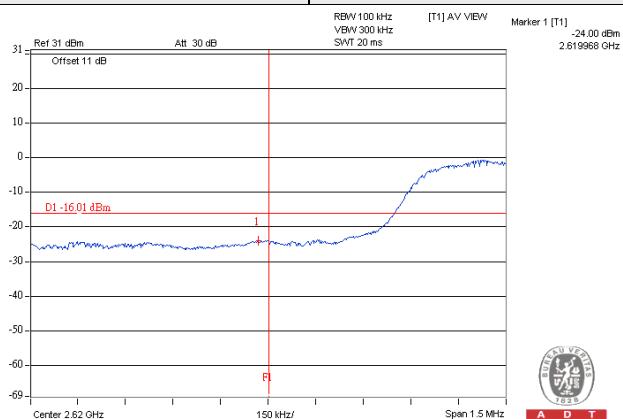
LTE Band 7 / QPSK / Chain 0 / Channel Bandwidth: 10MHz

Channel 2800

QPSK

Channel 3400

QPSK



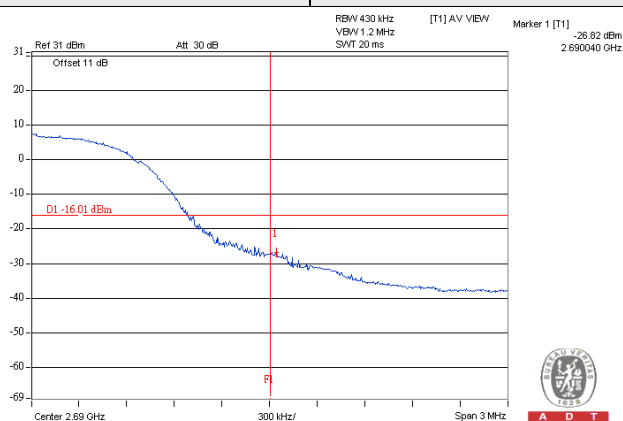
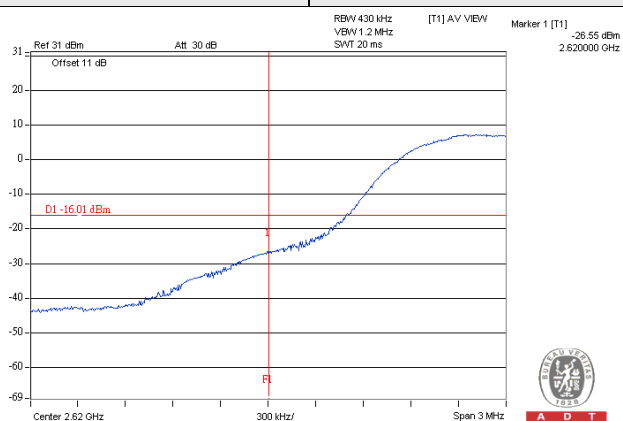
LTE Band 7 / QPSK / Chain 0 / Channel Bandwidth: 20MHz

Channel 2850

QPSK

Channel 3350

QPSK



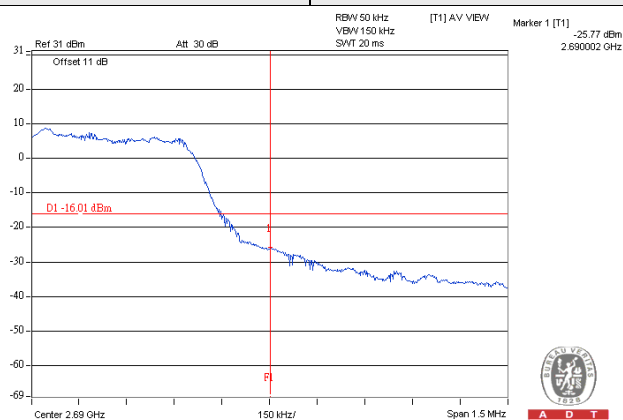
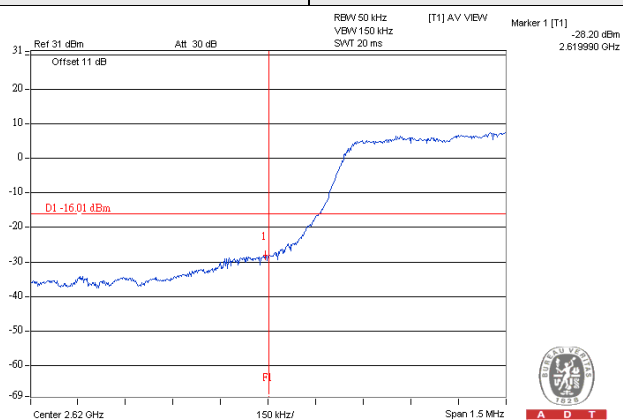
LTE Band 7 / QPSK / Chain 1 / Channel Bandwidth: 5MHz

Channel 2775

QPSK

Channel 3425

QPSK



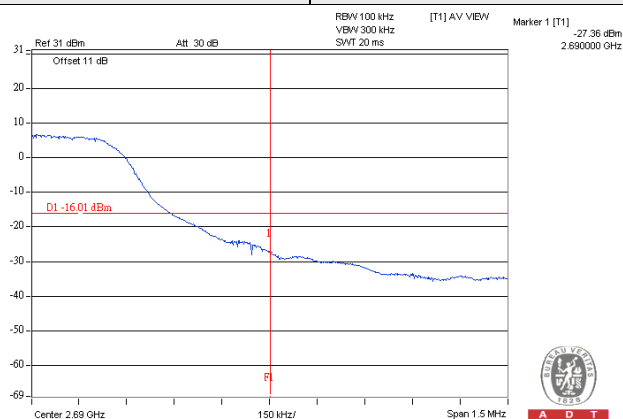
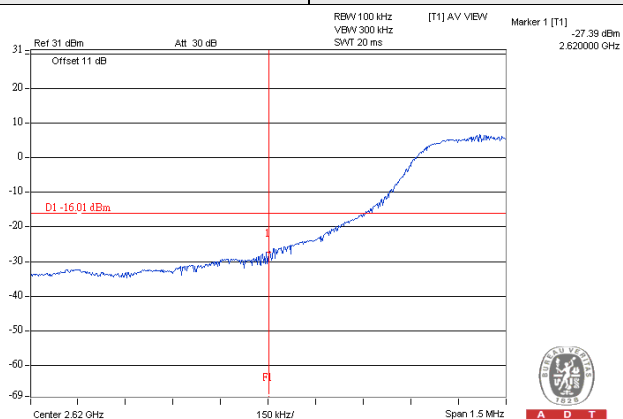
LTE Band 7 / QPSK / Chain 1 / Channel Bandwidth: 10MHz

Channel 2800

QPSK

Channel 3400

QPSK



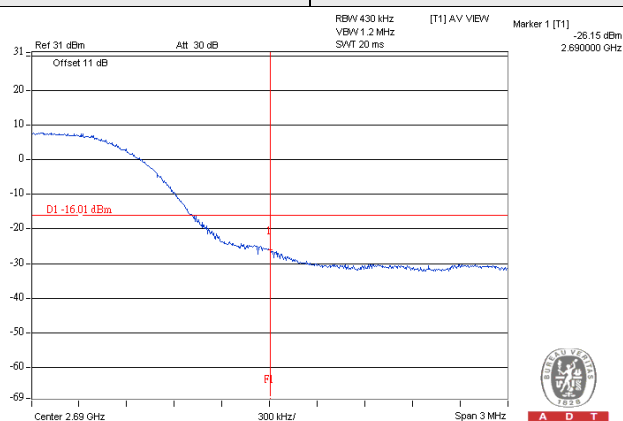
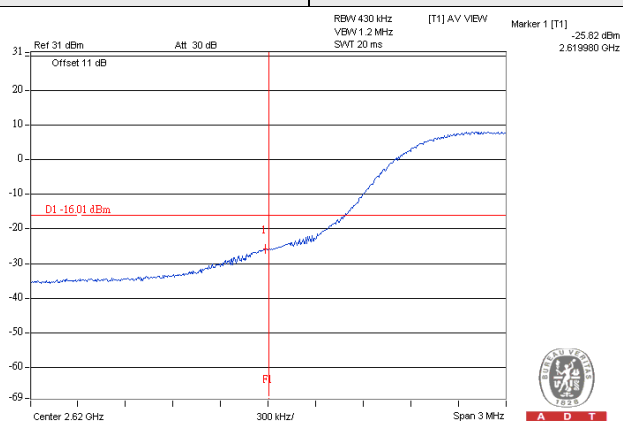
LTE Band 7 / QPSK / Chain 1 / Channel Bandwidth: 20MHz

Channel 2850

QPSK

Channel 3350

QPSK

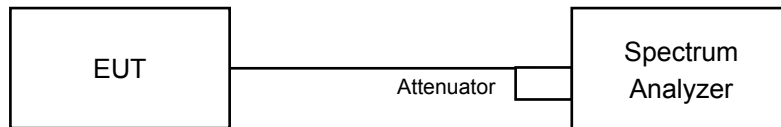


4.4 Conducted Spurious Emissions

4.4.1 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 .

4.4.2 Test Setup



4.4.3 Test Procedure

- All measurements were done at 3 channels: low, middle and high operational frequency range.
- When the spectrum scanned from 9kHz to 26.5GHz, it shall be connected to the attenuator with the carried frequency.

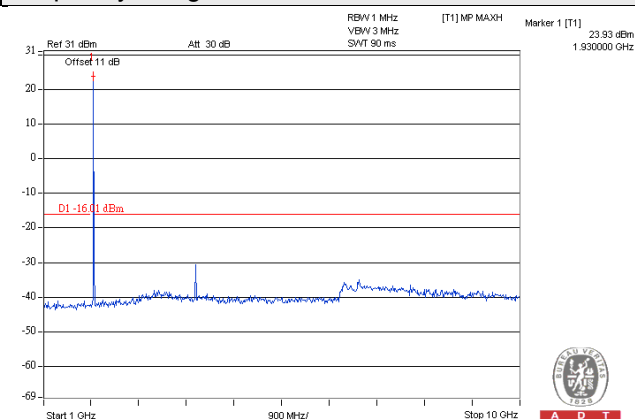
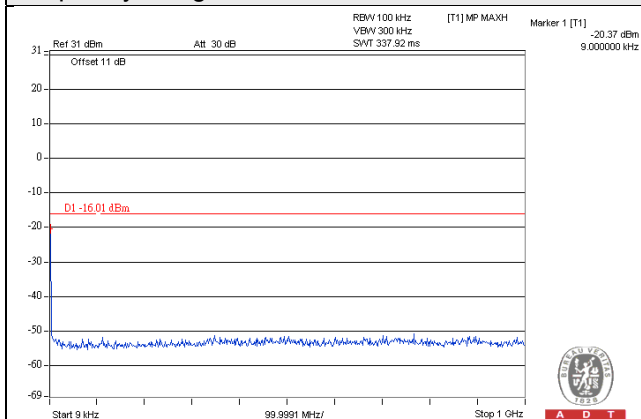
4.4.4 Test Results

LTE Band 2 / Chain 0 / Channel Bandwidth: 5MHz

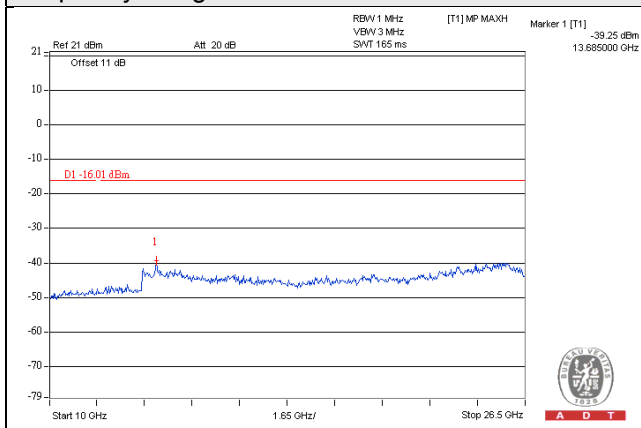
Channel 625

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

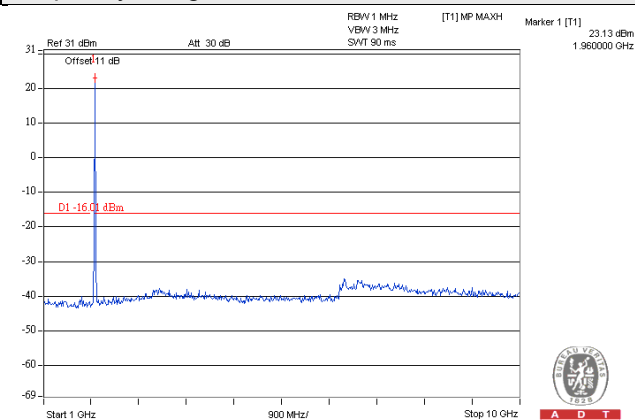
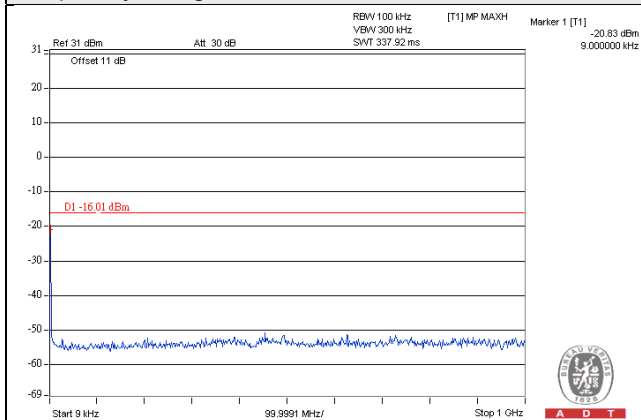


LTE Band 2 / Chain 0 / Channel Bandwidth: 5MHz

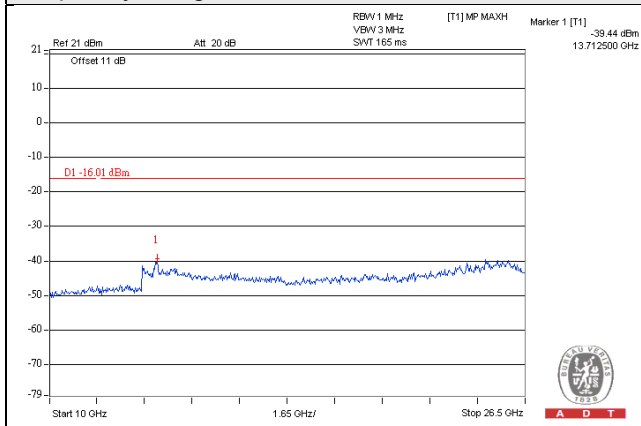
Channel 900

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

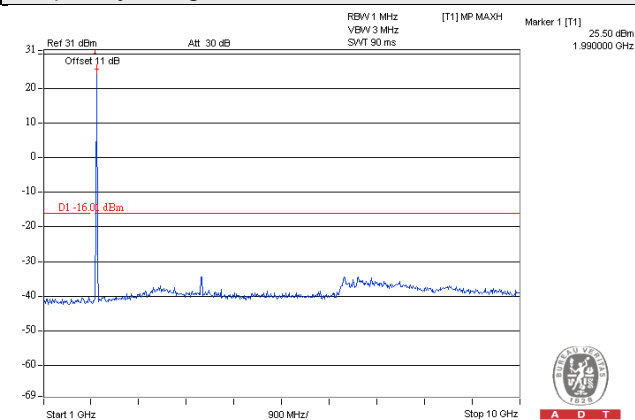
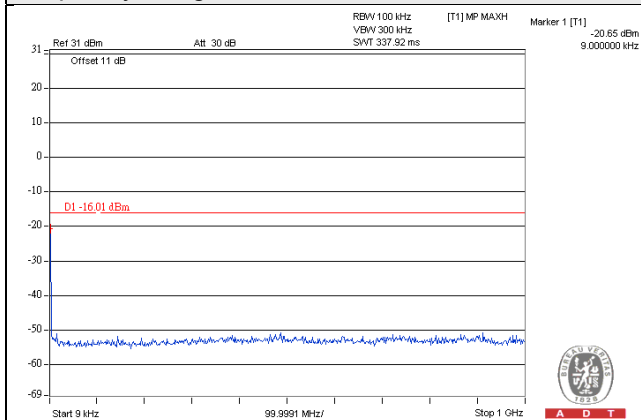


LTE Band 2 / Chain 0 / Channel Bandwidth: 5MHz

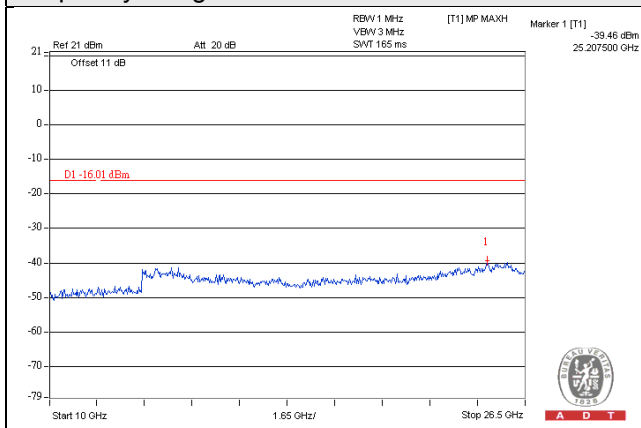
Channel 1175

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

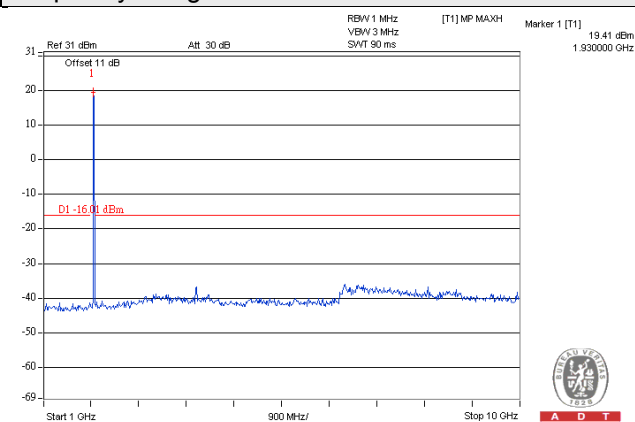
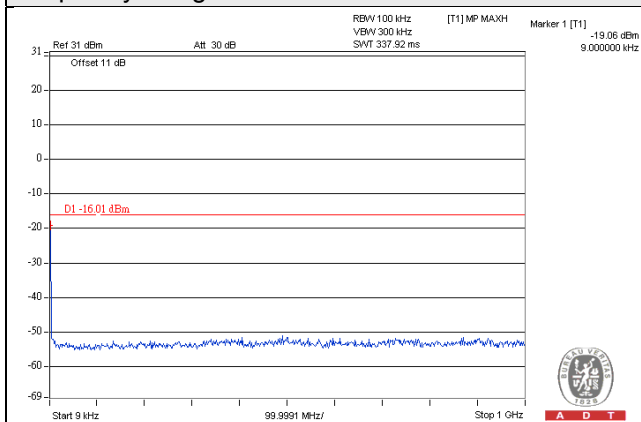


LTE Band 2 / Chain 0 / Channel Bandwidth: 10MHz

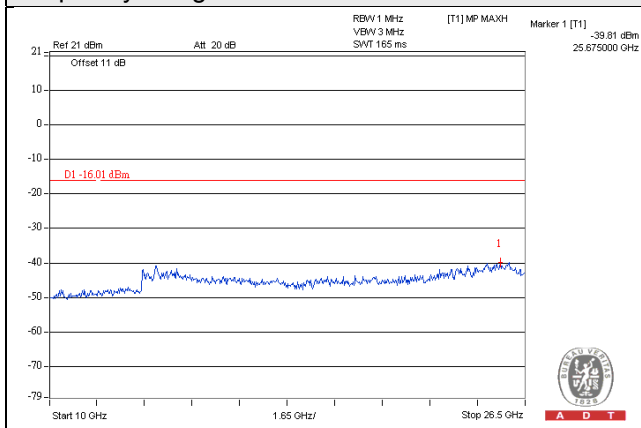
Channel 650

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

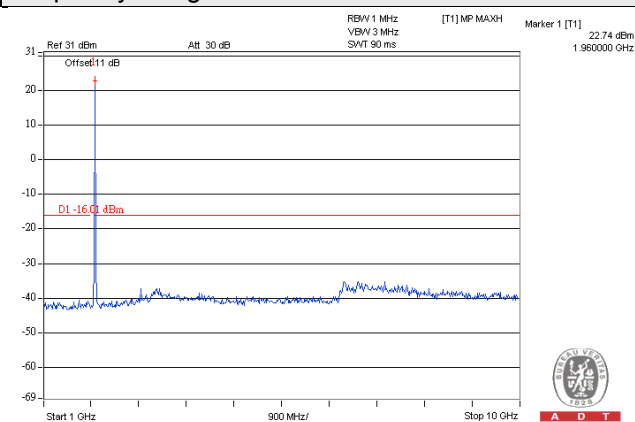
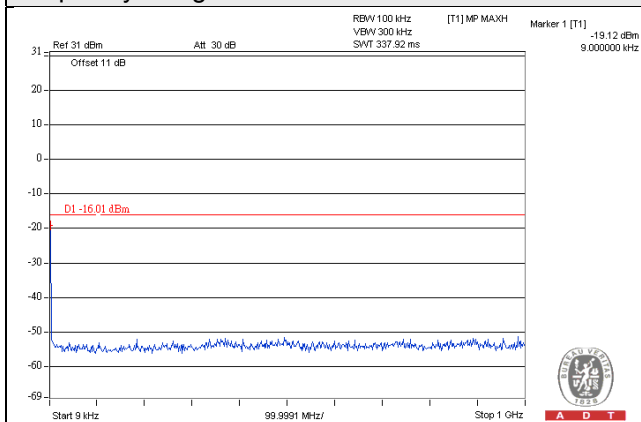


LTE Band 2 / Chain 0 / Channel Bandwidth: 10MHz

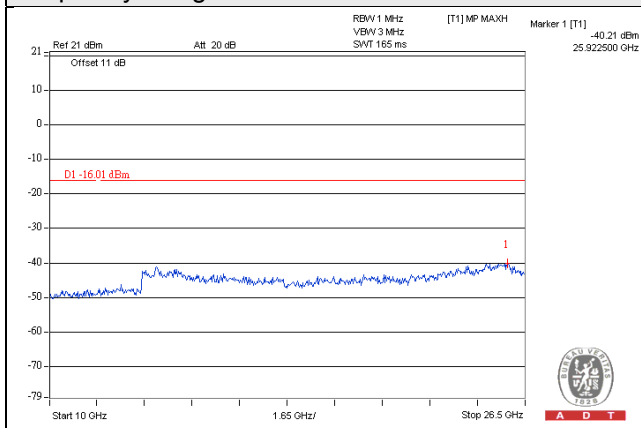
Channel 900

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

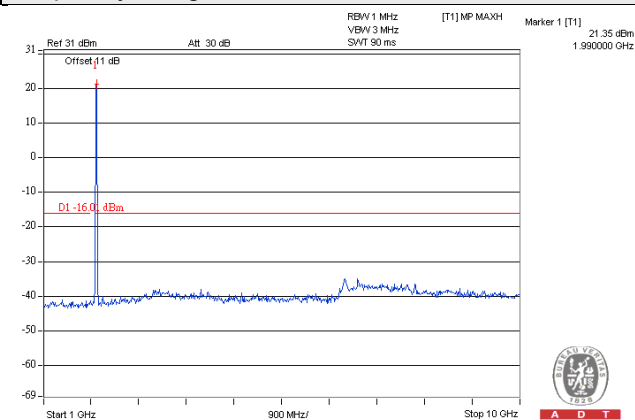
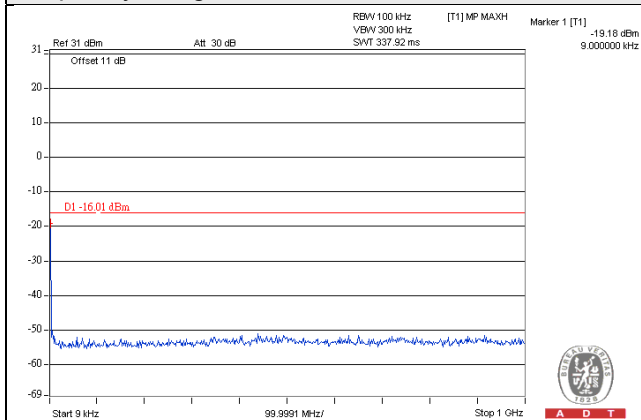


LTE Band 2 / Chain 0 / Channel Bandwidth: 10MHz

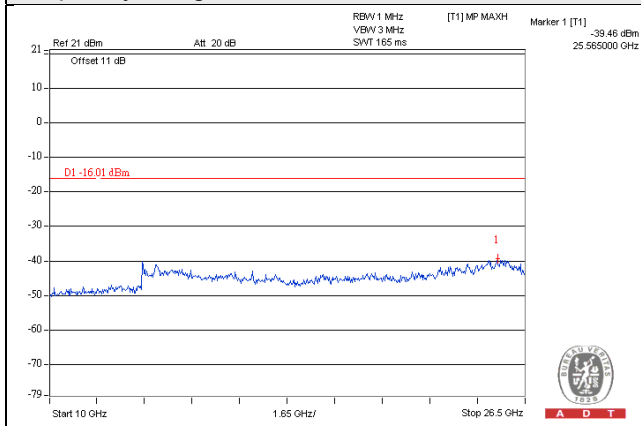
Channel 1150

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

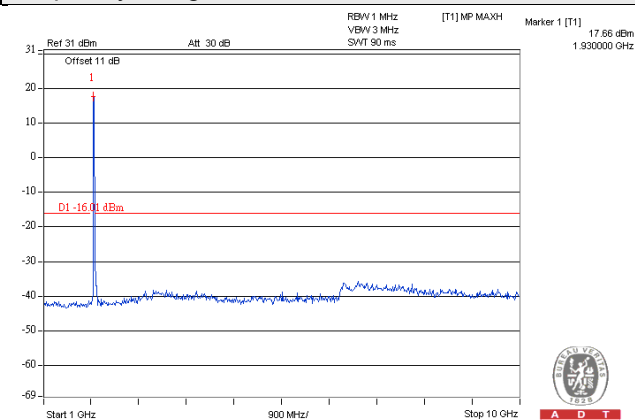
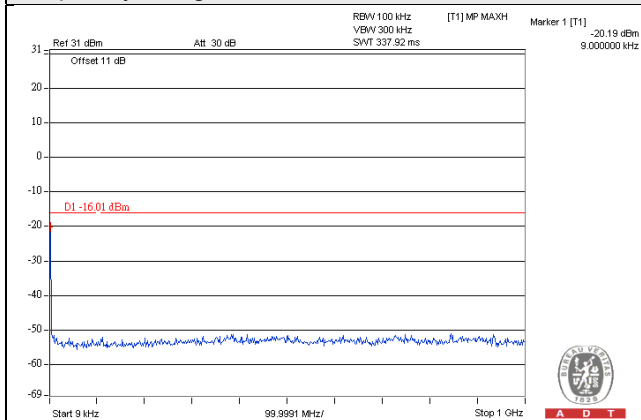


LTE Band 2 / Chain 0 / Channel Bandwidth: 20MHz

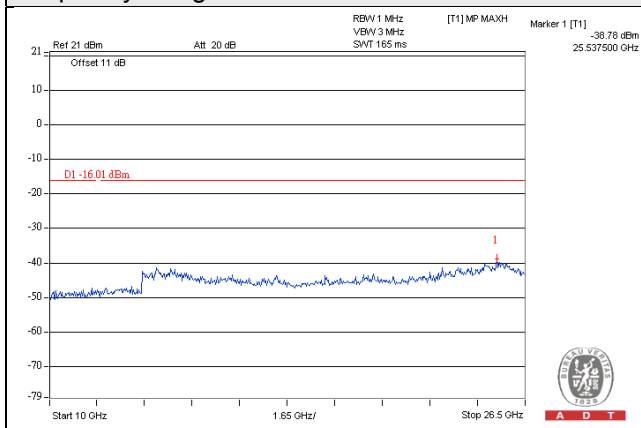
Channel 700

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

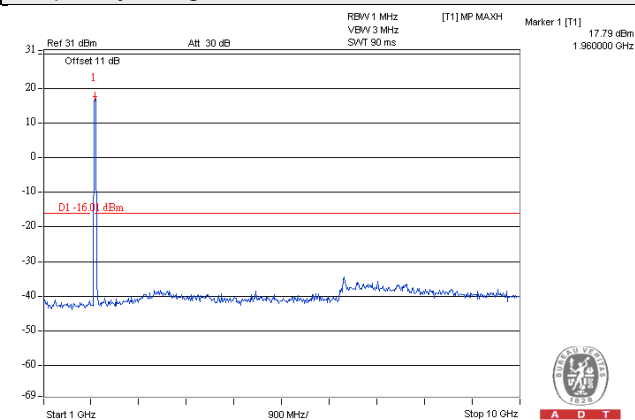
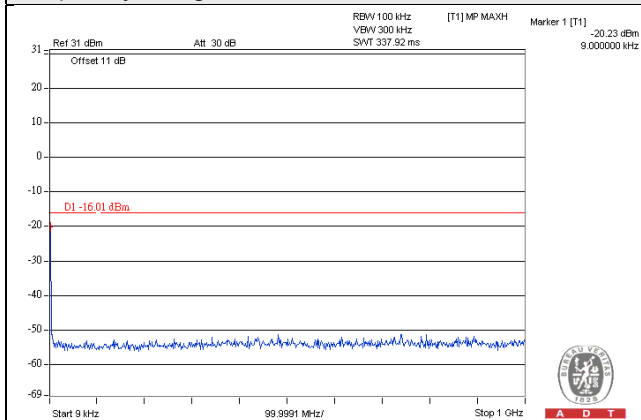


LTE Band 2 / Chain 0 / Channel Bandwidth: 20MHz

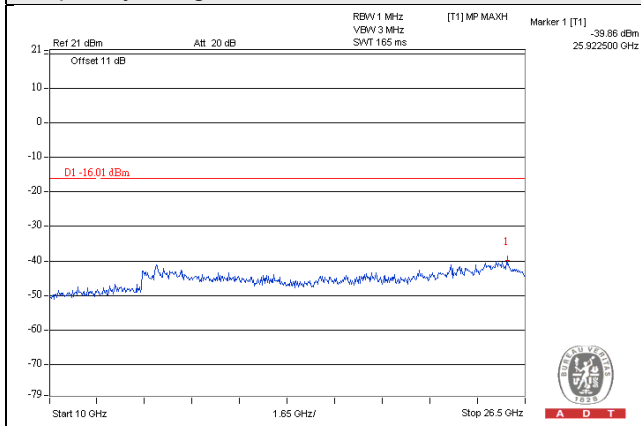
Channel 900

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

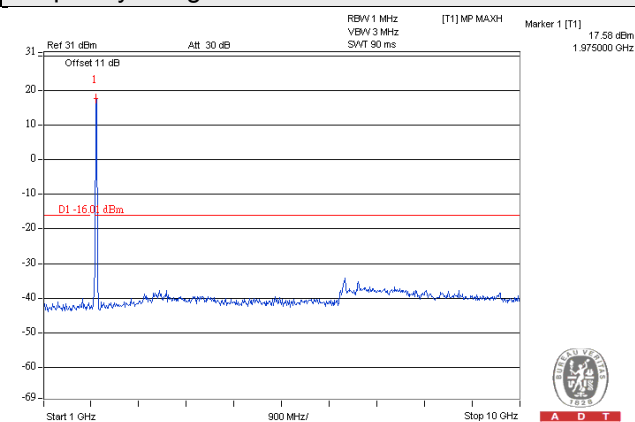
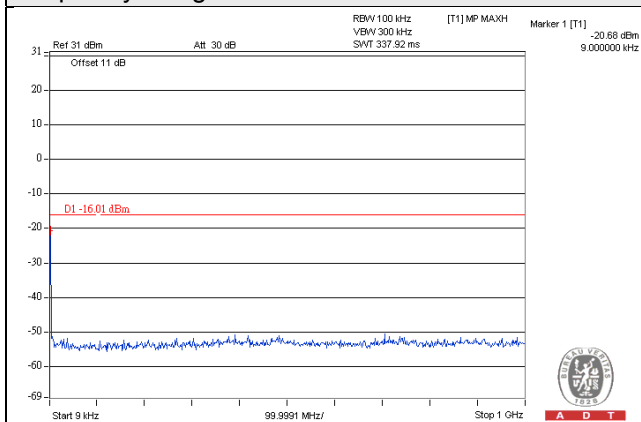


LTE Band 2 / Chain 0 / Channel Bandwidth: 20MHz

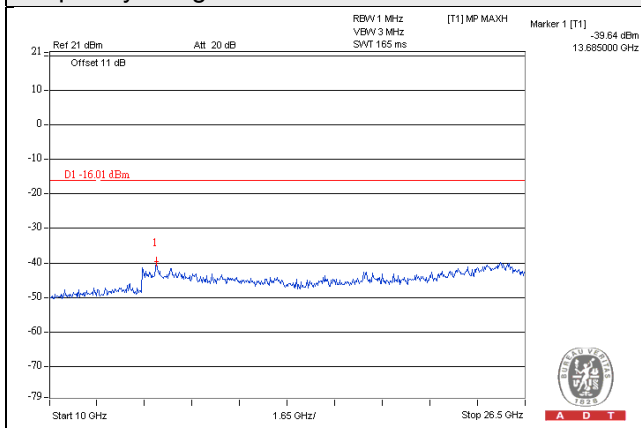
Channel 1100

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

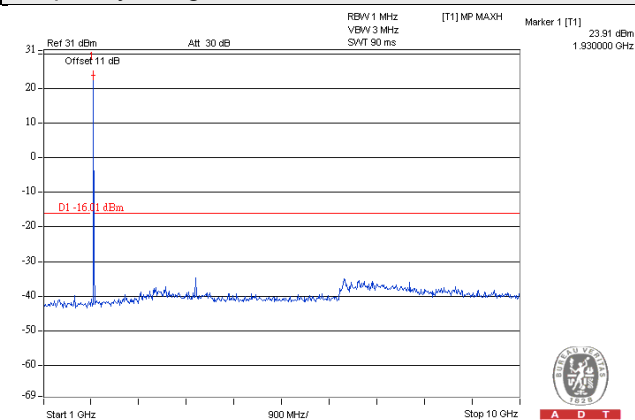
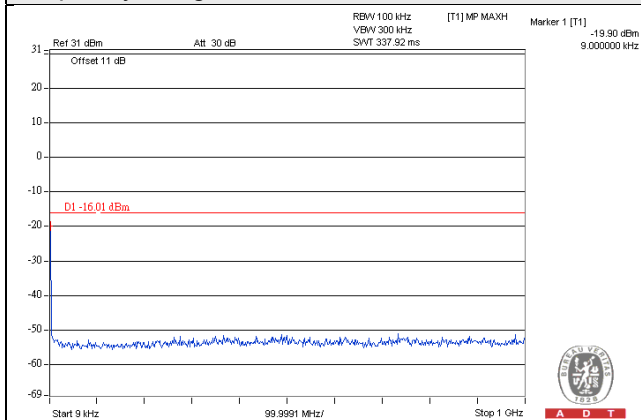


LTE Band 2 / Chain 1 / Channel Bandwidth: 5MHz

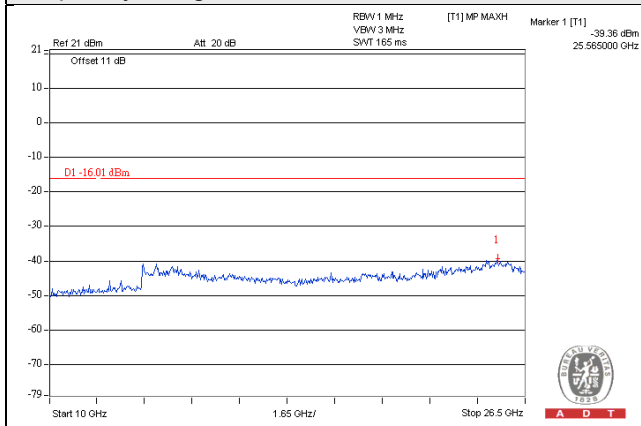
Channel 625

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

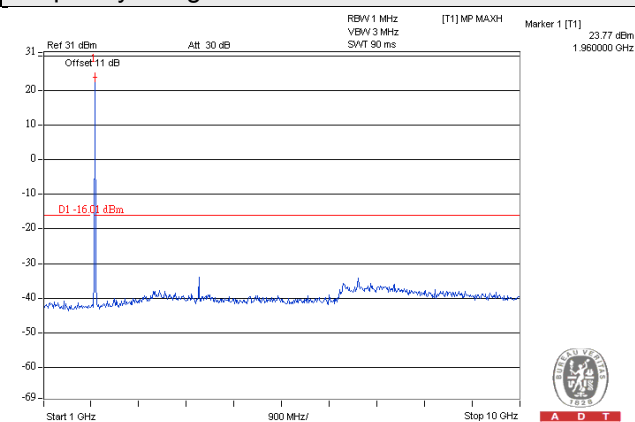
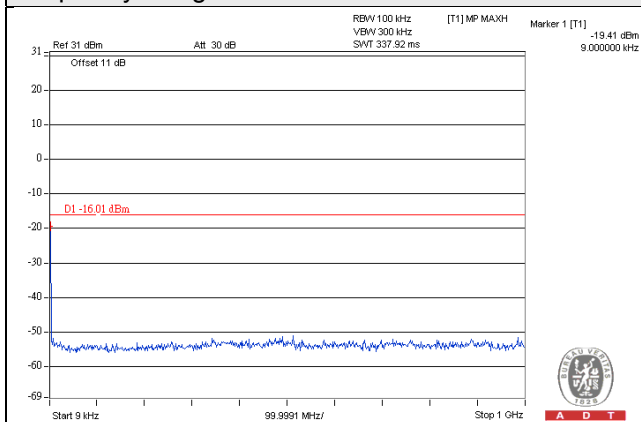


LTE Band 2 / Chain 1 / Channel Bandwidth: 5MHz

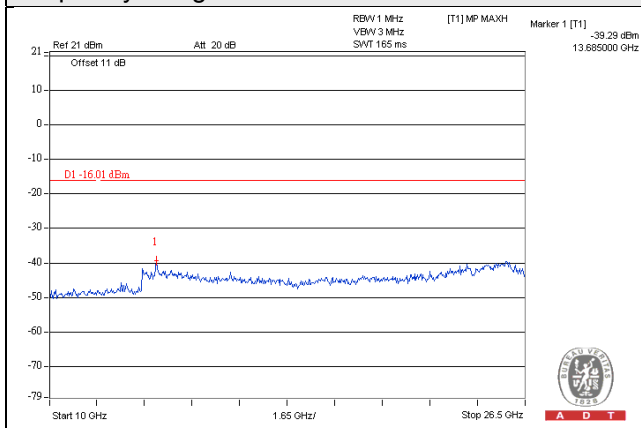
Channel 900

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

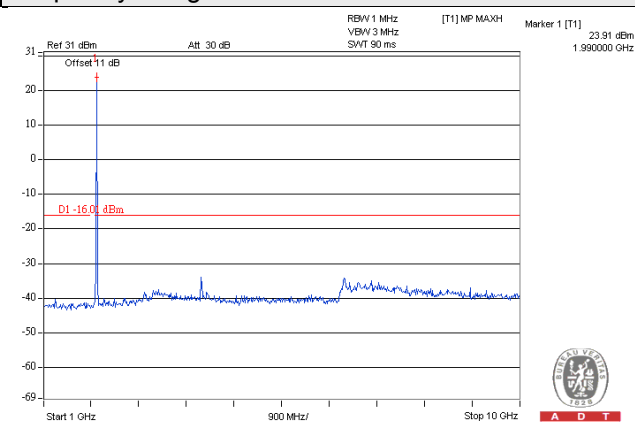
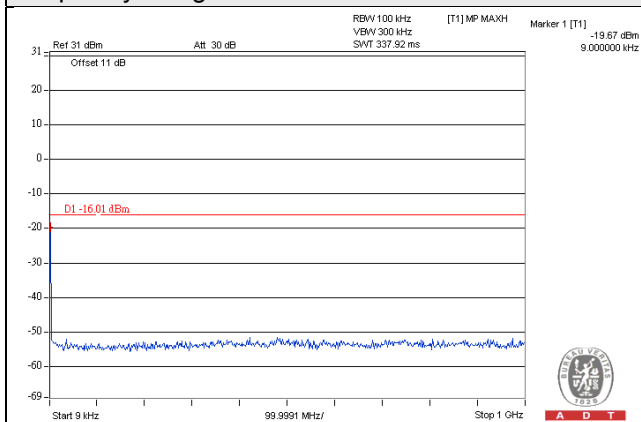


LTE Band 2 / Chain 1 / Channel Bandwidth: 5MHz

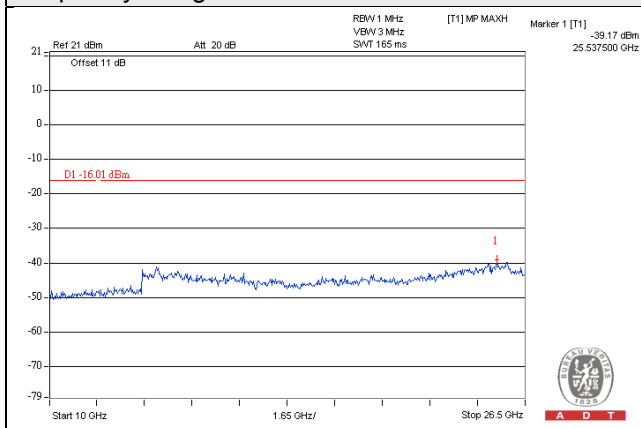
Channel 1175

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

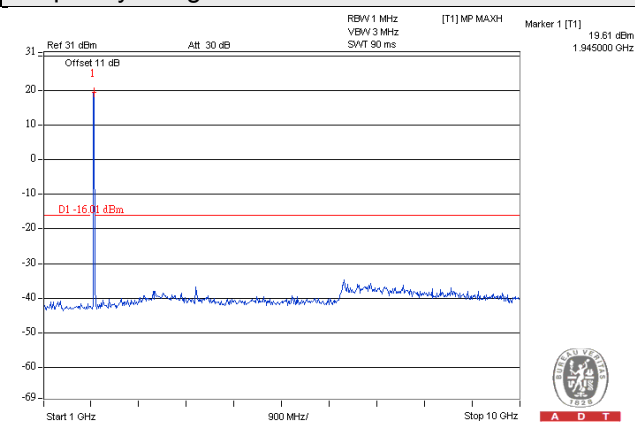
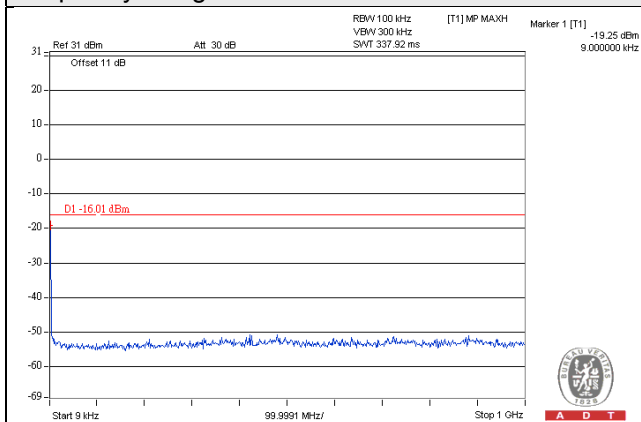


LTE Band 2 / Chain 1 / Channel Bandwidth: 10MHz

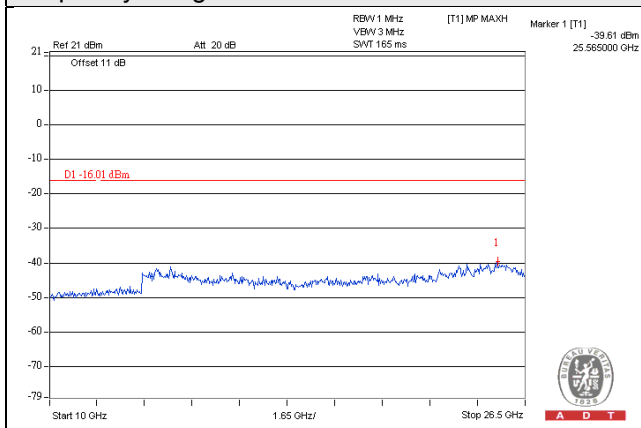
Channel 650

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

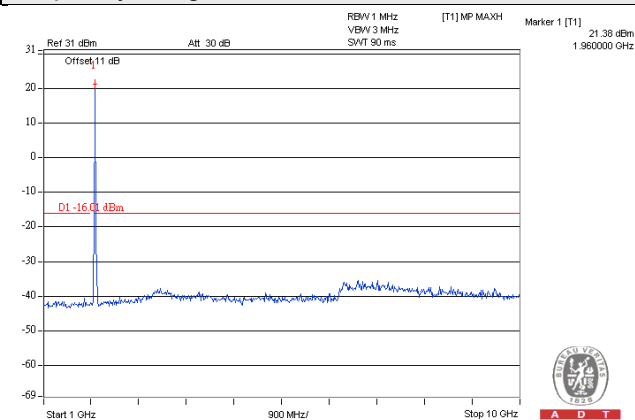
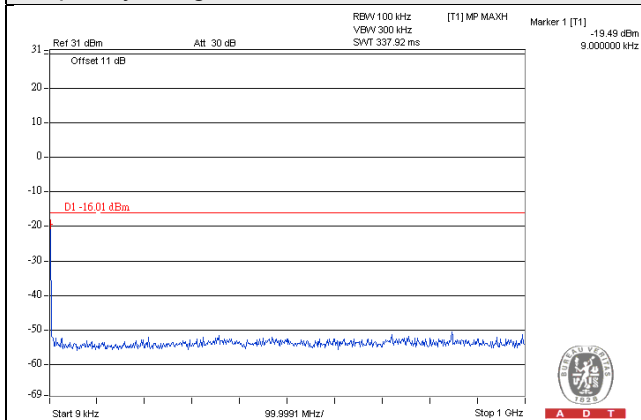


LTE Band 2 / Chain 1 / Channel Bandwidth: 10MHz

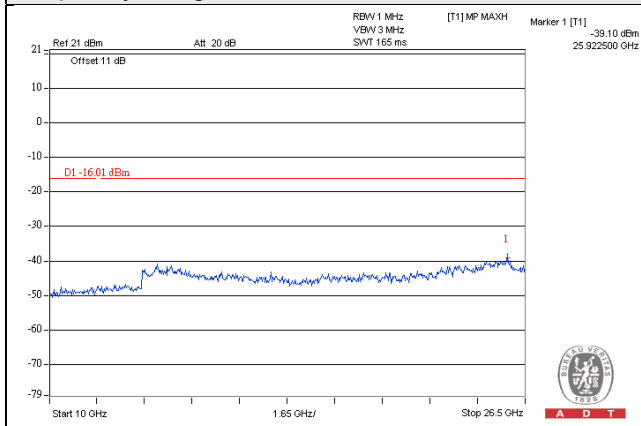
Channel 900

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

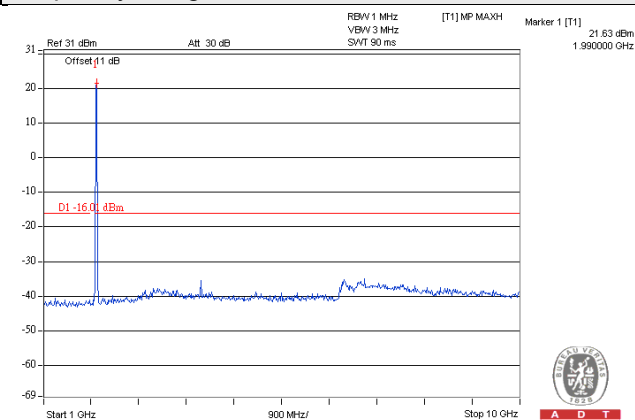
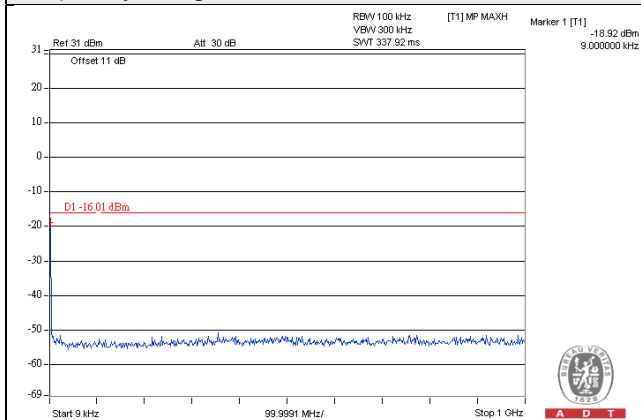


LTE Band 2 / Chain 1 / Channel Bandwidth: 10MHz

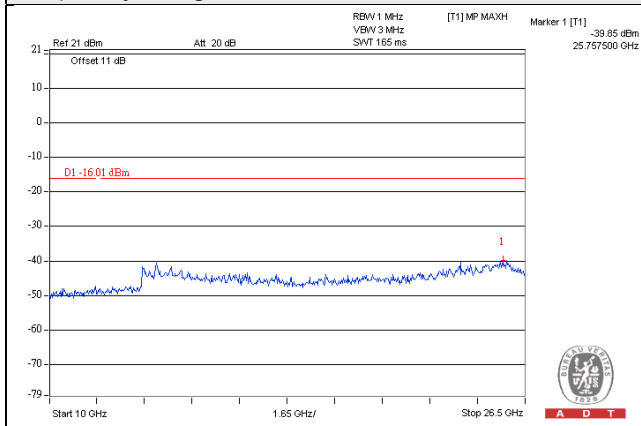
Channel 1150

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

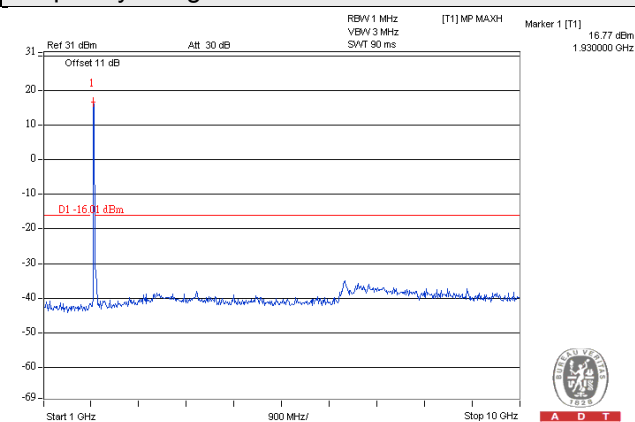
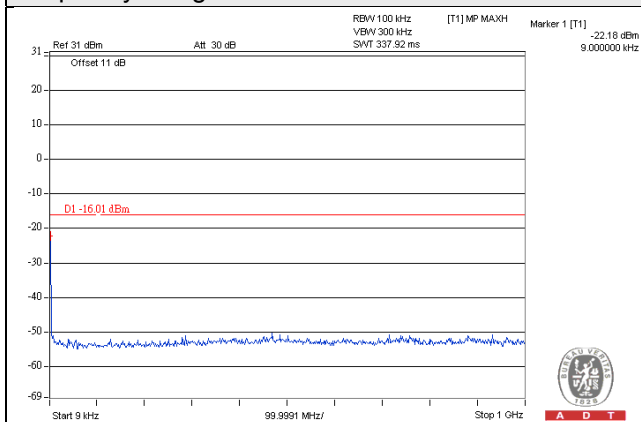


LTE Band 2 / Chain 1 / Channel Bandwidth: 20MHz

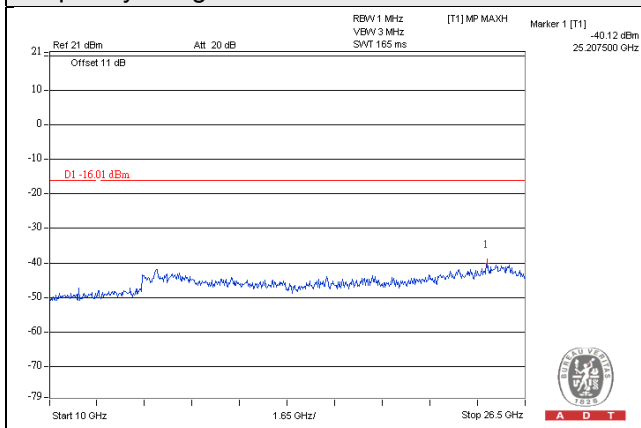
Channel 700

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

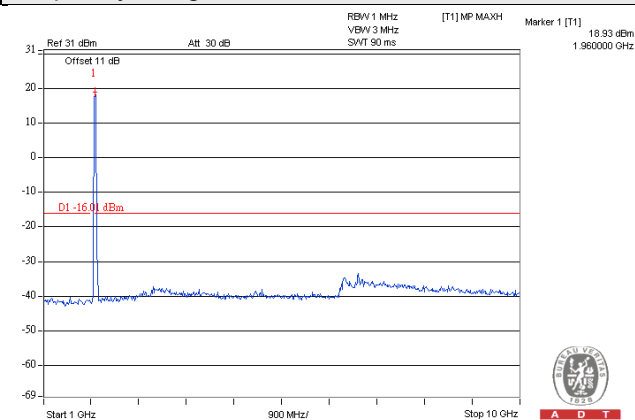
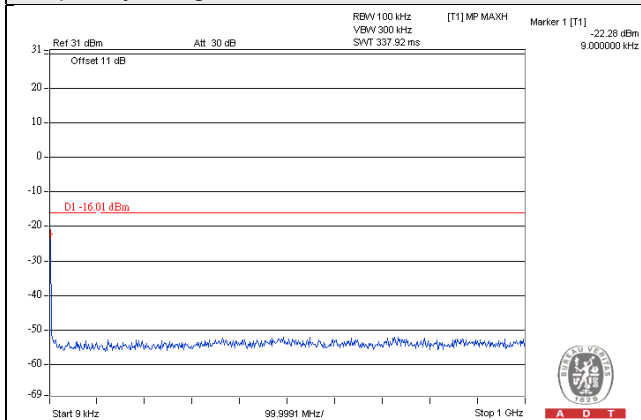


LTE Band 2 / Chain 1 / Channel Bandwidth: 20MHz

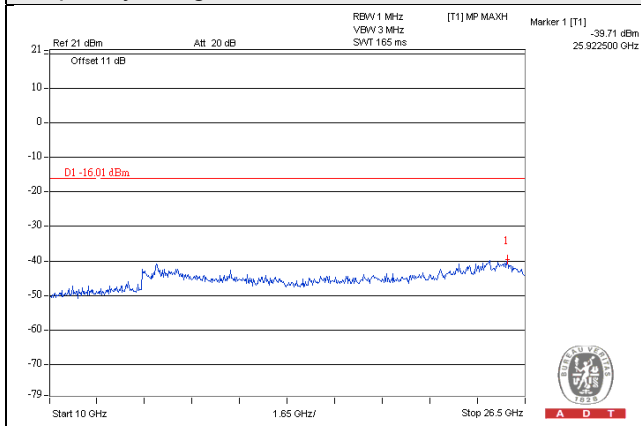
Channel 900

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

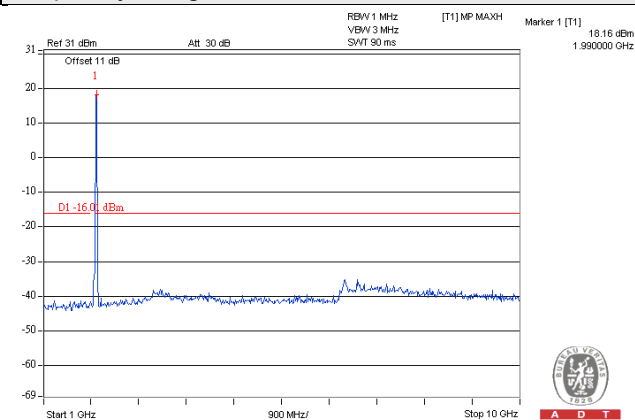
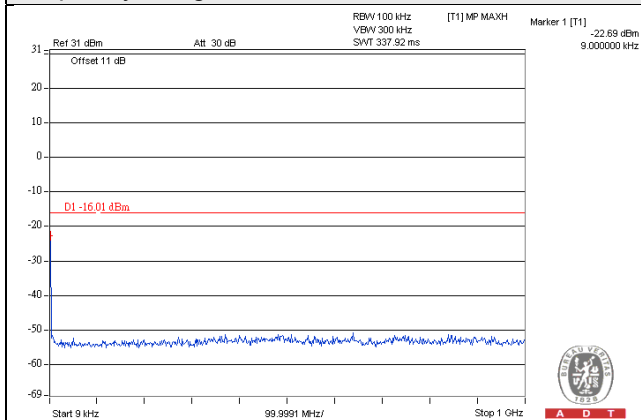


LTE Band 2 / Chain 1 / Channel Bandwidth: 20MHz

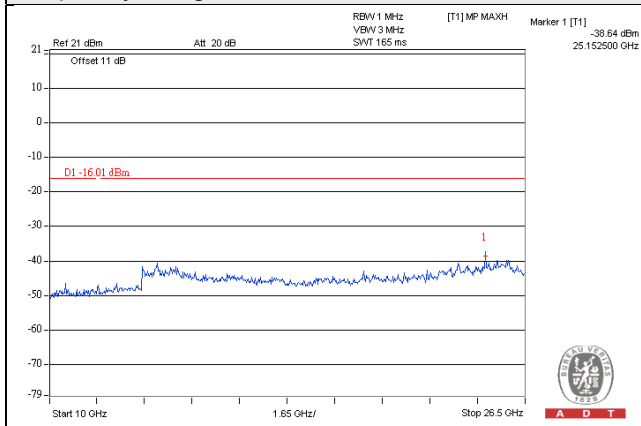
Channel 1100

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

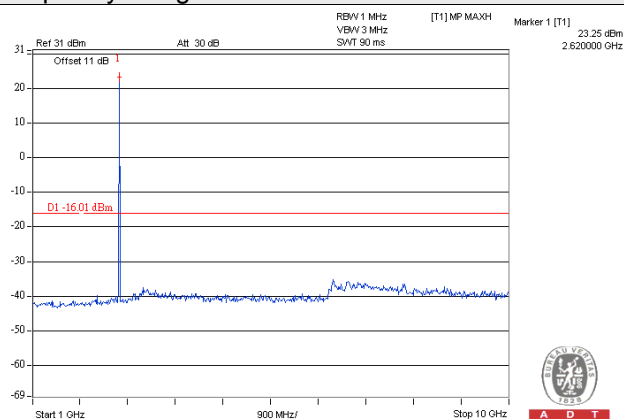
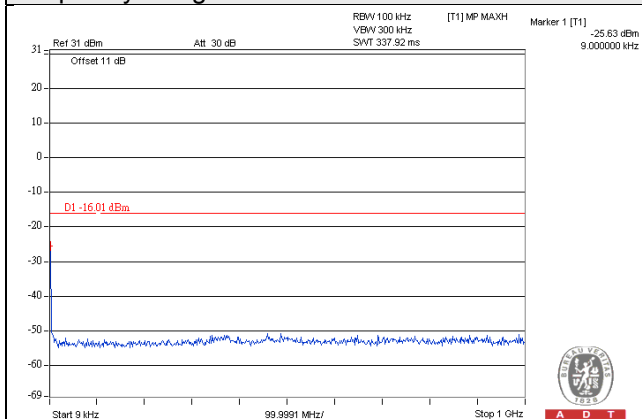


LTE Band 7 / Chain 0 / Channel Bandwidth: 5MHz

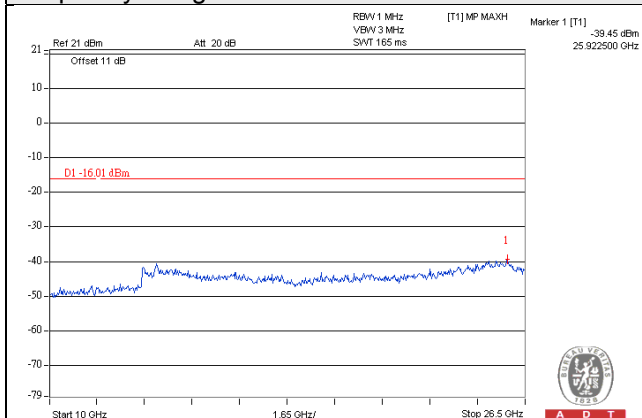
Channel 2775

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

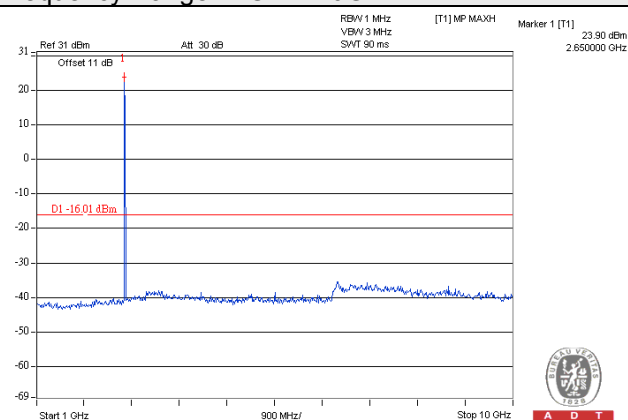
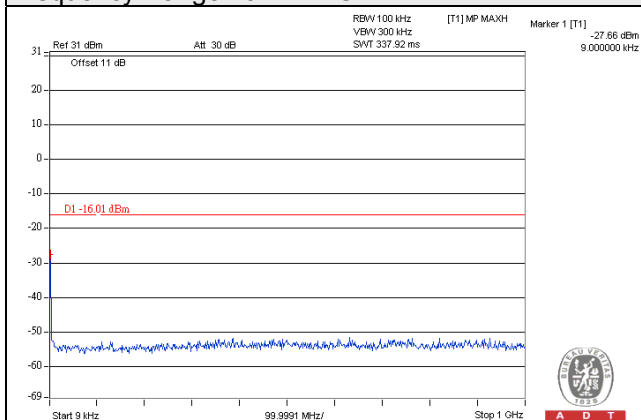


LTE Band 7 / Chain 0 / Channel Bandwidth: 5MHz

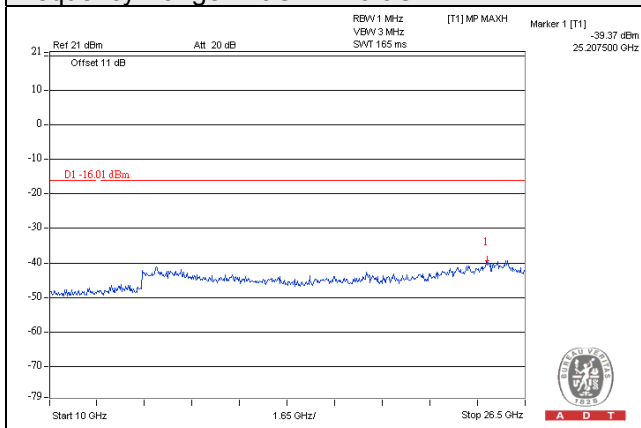
Channel 3100

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

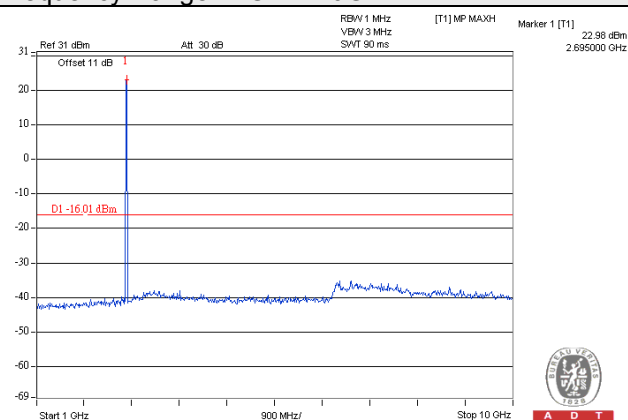
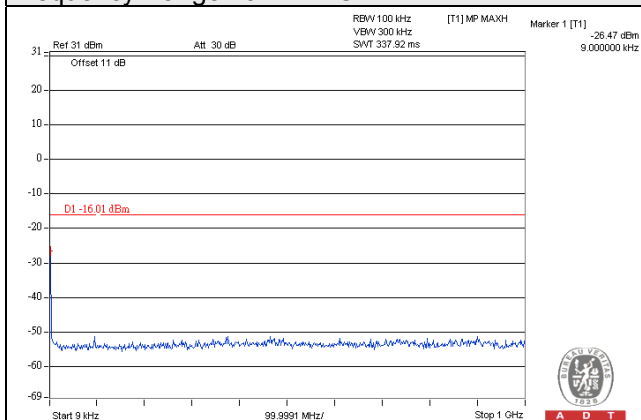


LTE Band 7 / Chain 0 / Channel Bandwidth: 5MHz

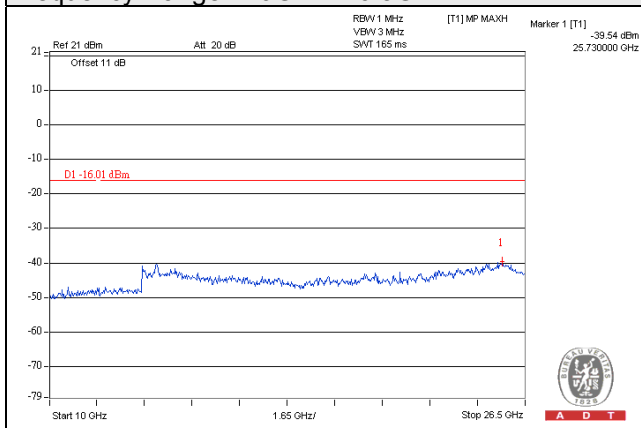
Channel 3425

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

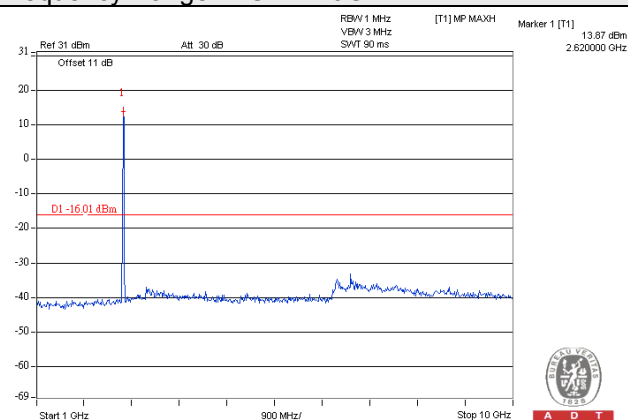
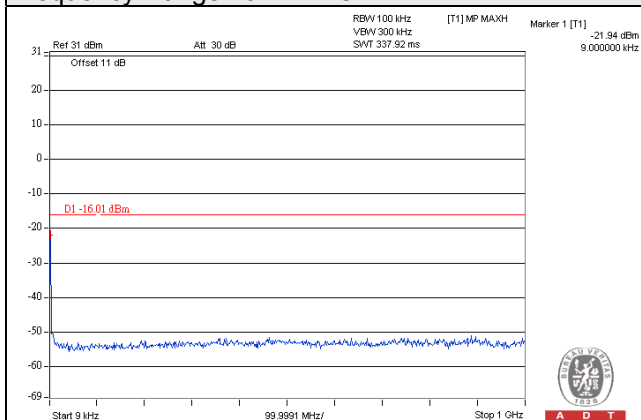


LTE Band 7 / Chain 0 / Channel Bandwidth: 10MHz

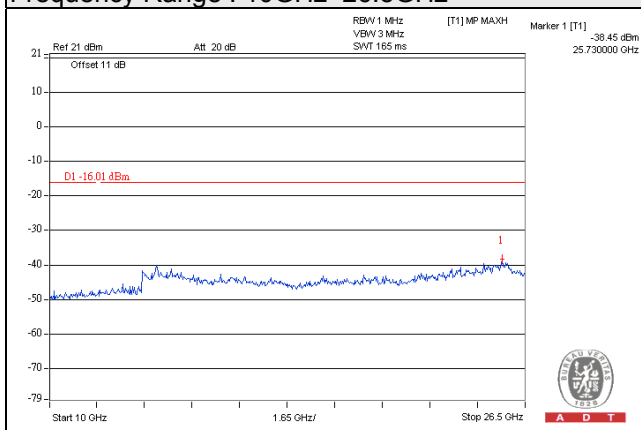
Channel 2800

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

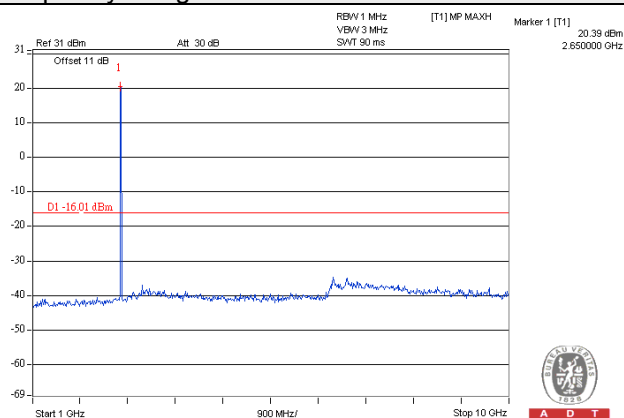
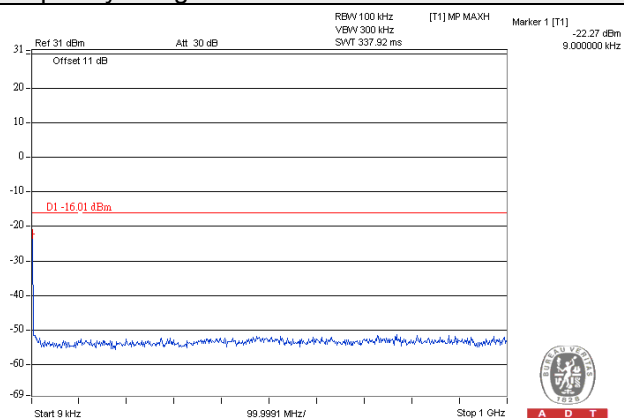


LTE Band 7 / Chain 0 / Channel Bandwidth: 10MHz

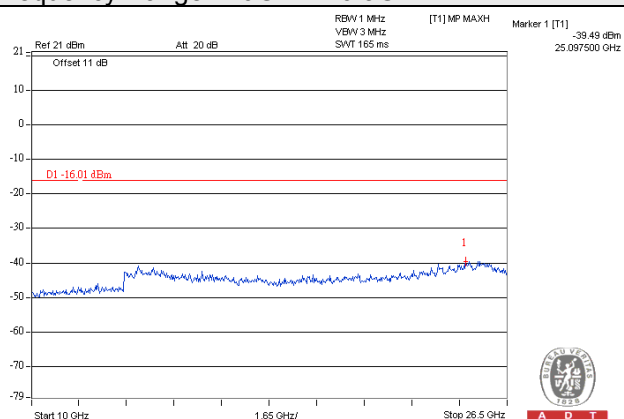
Channel 3100

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

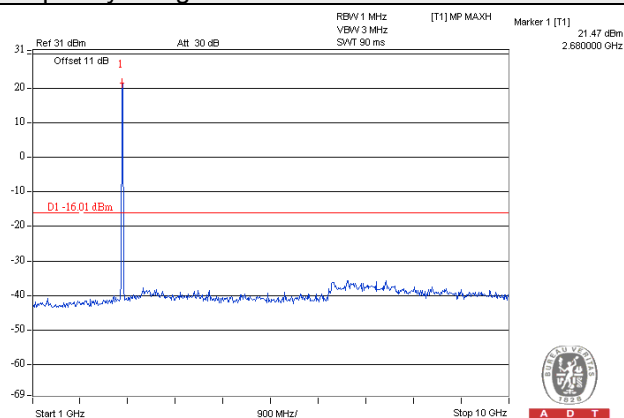
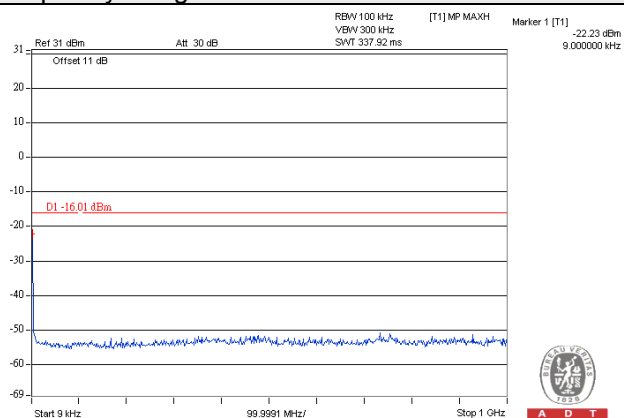


LTE Band 7 / Chain 0 / Channel Bandwidth: 10MHz

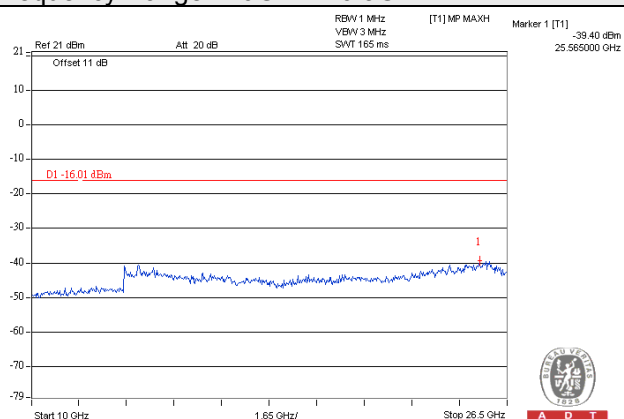
Channel 3400

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

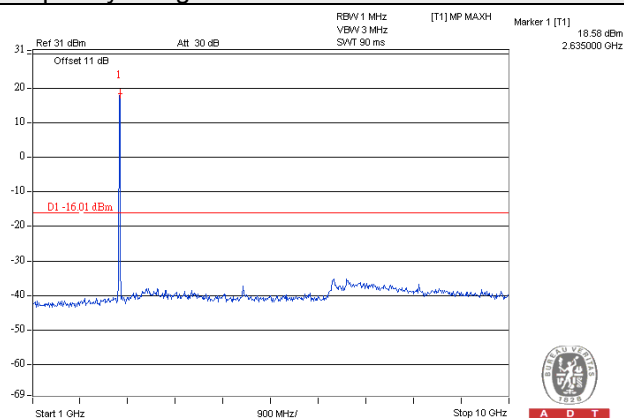
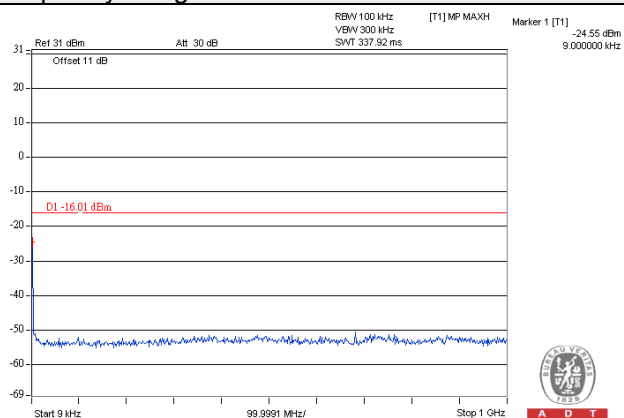


LTE Band 7 / Chain 0 / Channel Bandwidth: 20MHz

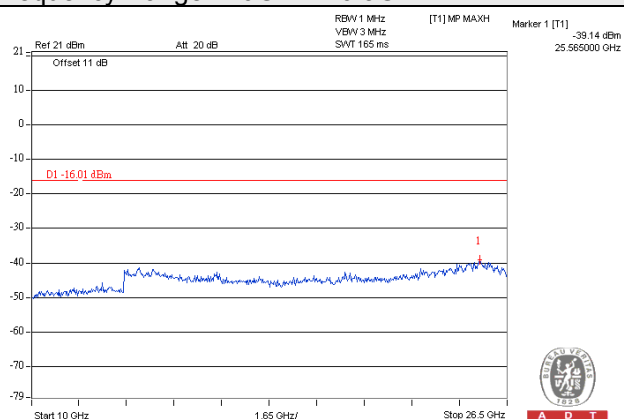
Channel 2850

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

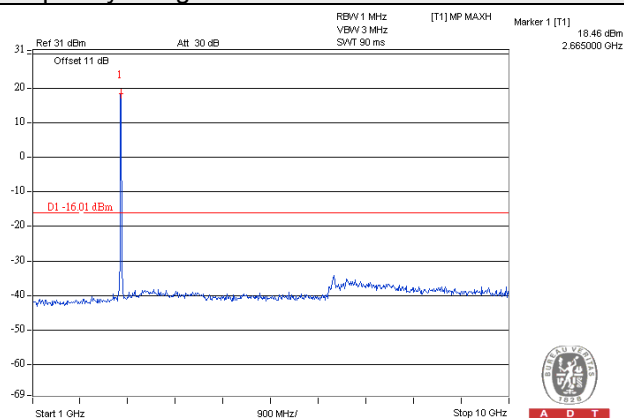
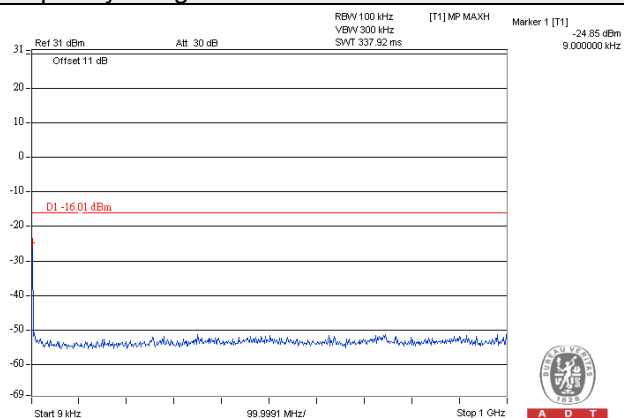


LTE Band 7 / Chain 0 / Channel Bandwidth: 20MHz

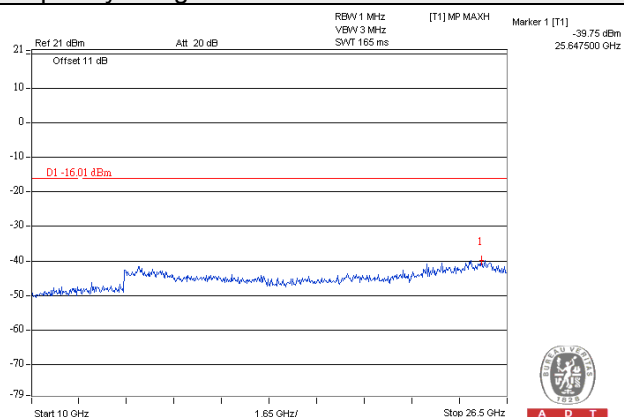
Channel 3100

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

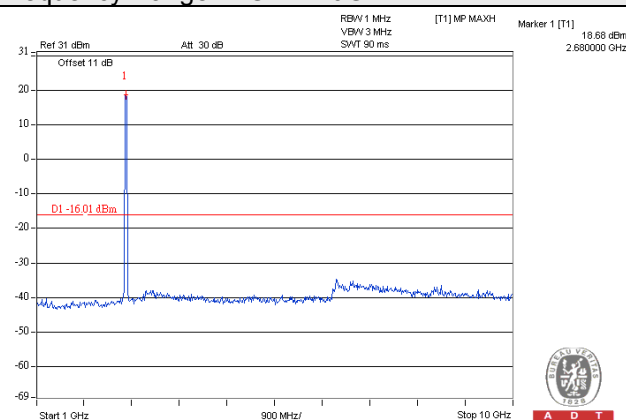
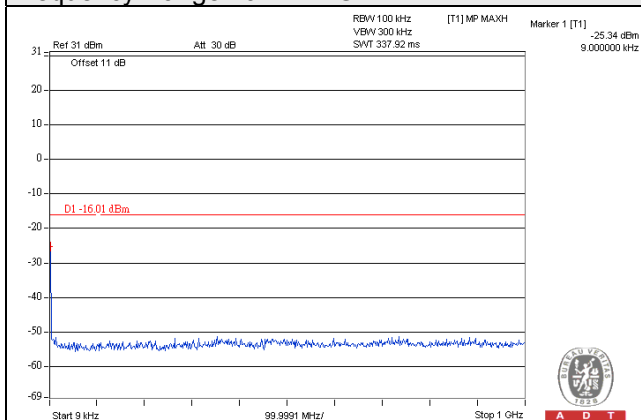


LTE Band 7 / Chain 0 / Channel Bandwidth: 20MHz

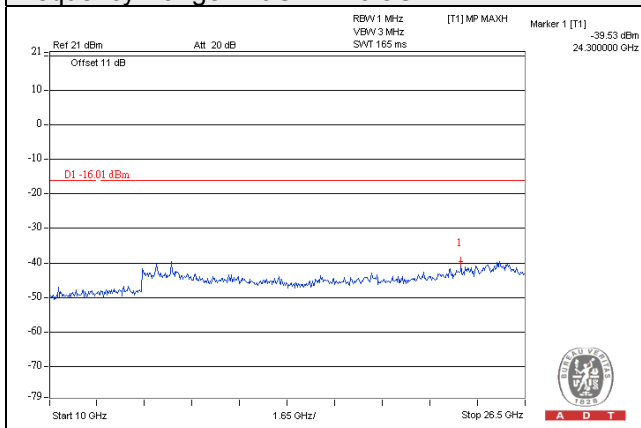
Channel 3350

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

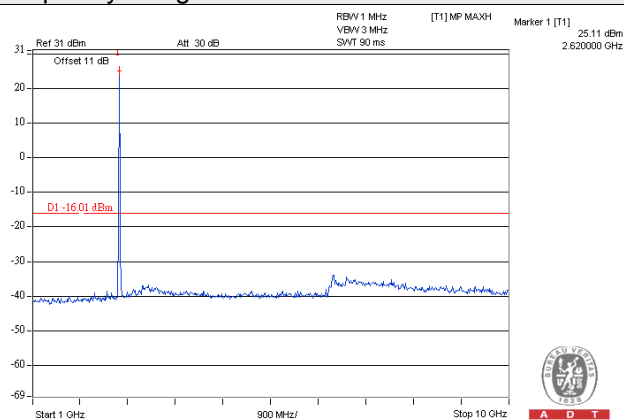
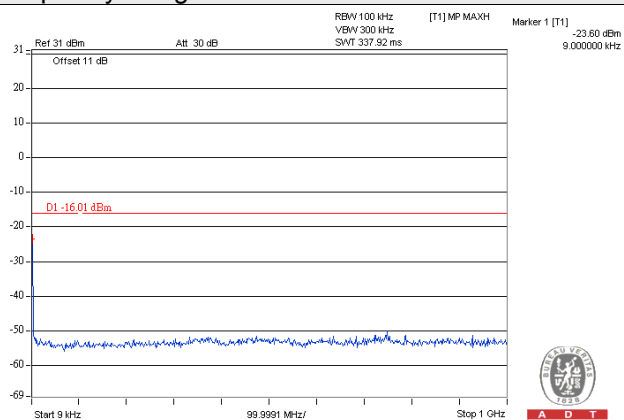


LTE Band 7 / Chain 1 / Channel Bandwidth: 5MHz

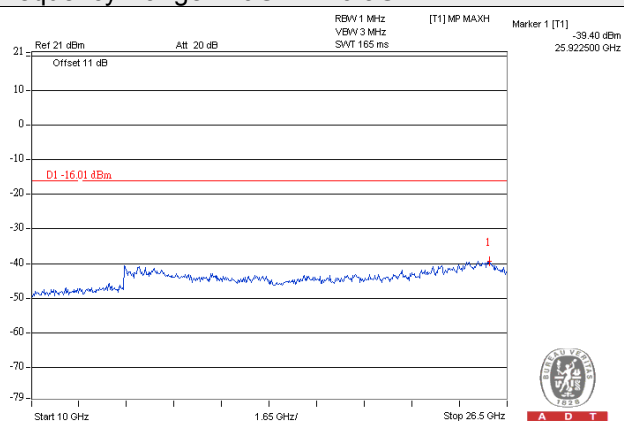
Channel 2775

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

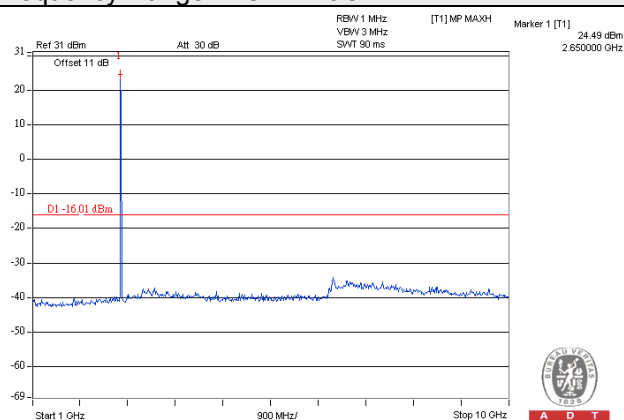
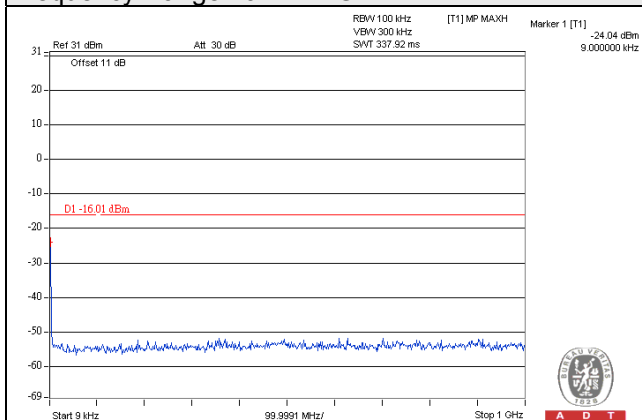


LTE Band 7 / Chain 1 / Channel Bandwidth: 5MHz

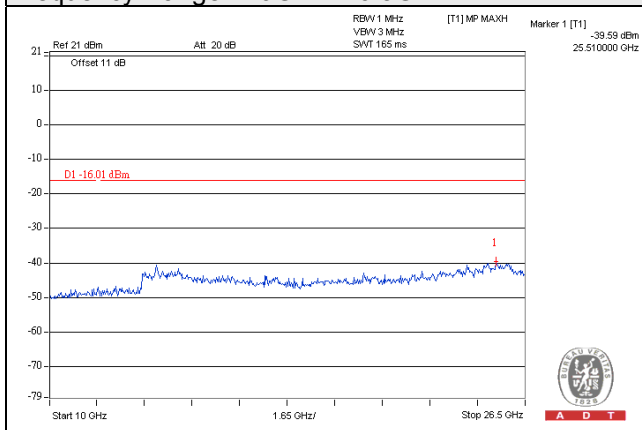
Channel 3100

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

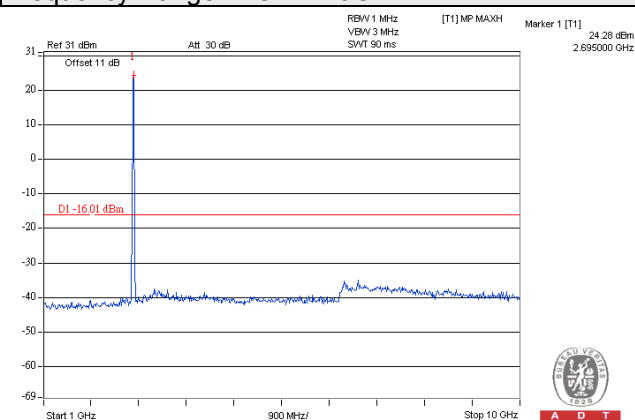
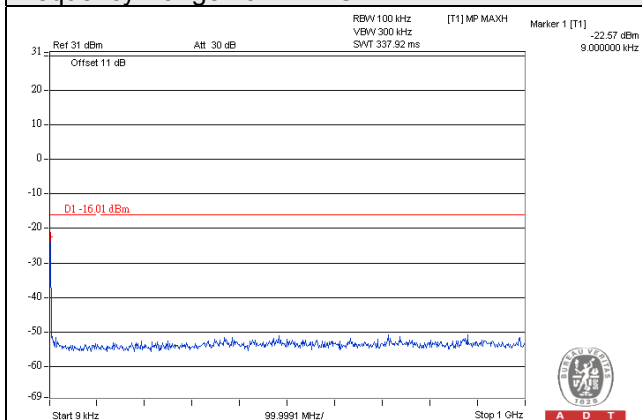


LTE Band 7 / Chain 1 / Channel Bandwidth: 5MHz

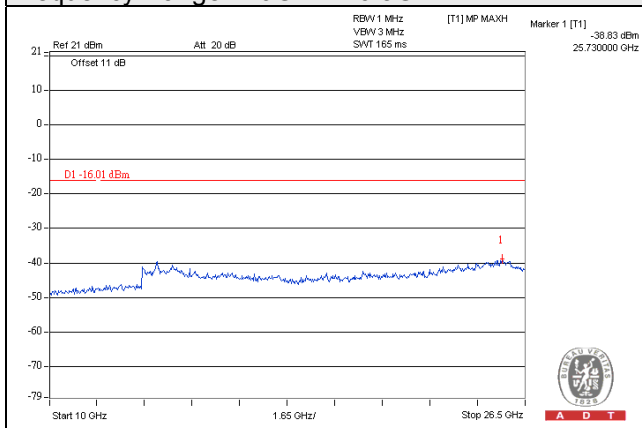
Channel 3425

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

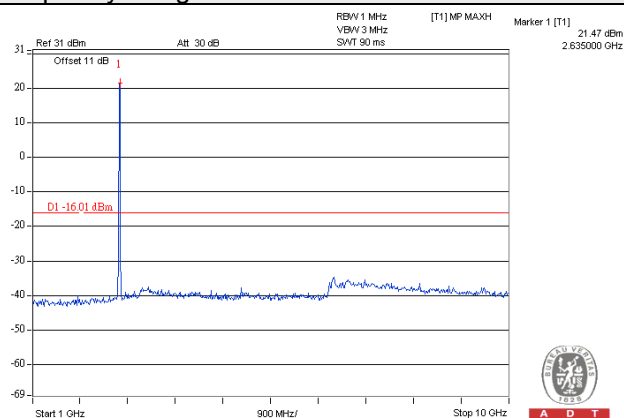
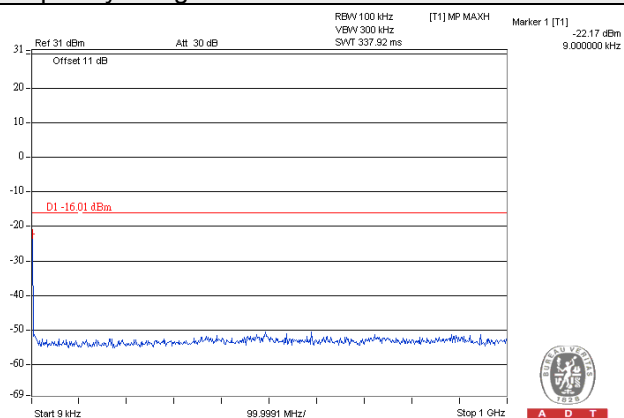


LTE Band 7 / Chain 1 / Channel Bandwidth: 10MHz

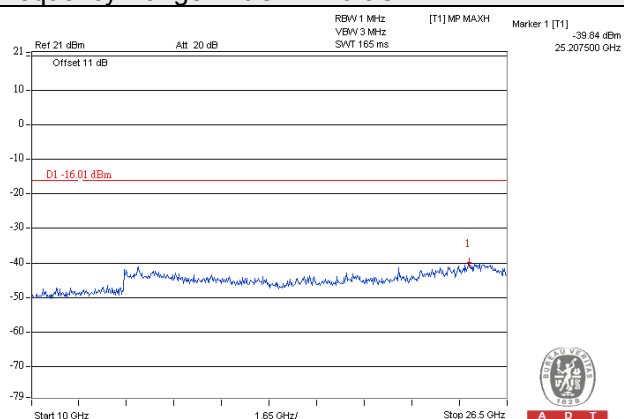
Channel 2800

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

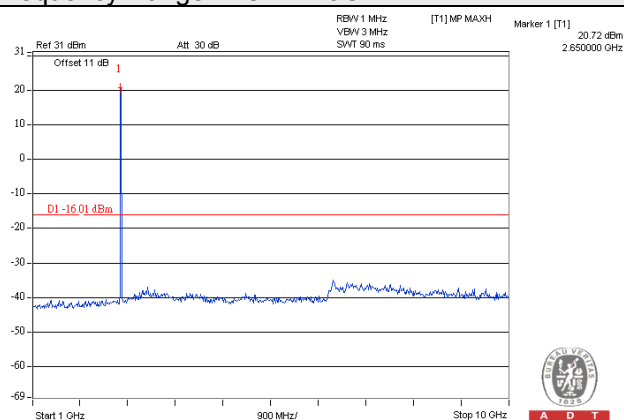
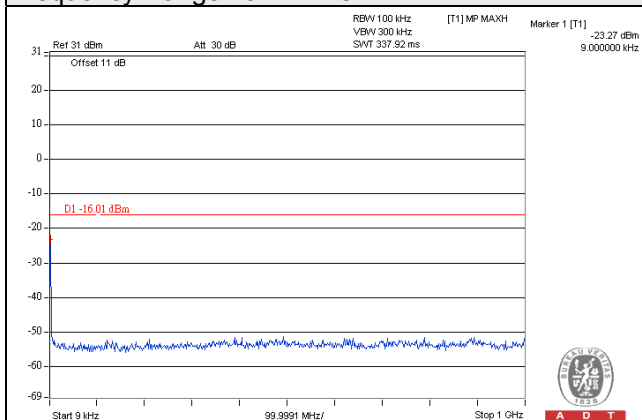


LTE Band 7 / Chain 1 / Channel Bandwidth: 10MHz

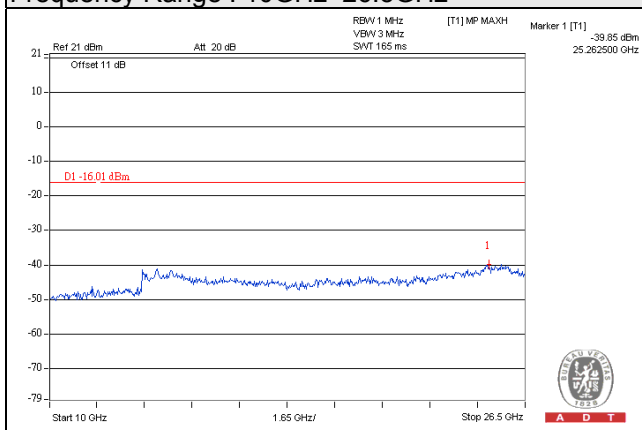
Channel 3100

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

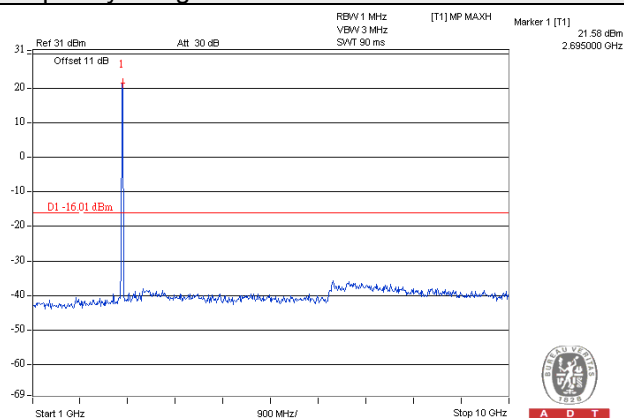
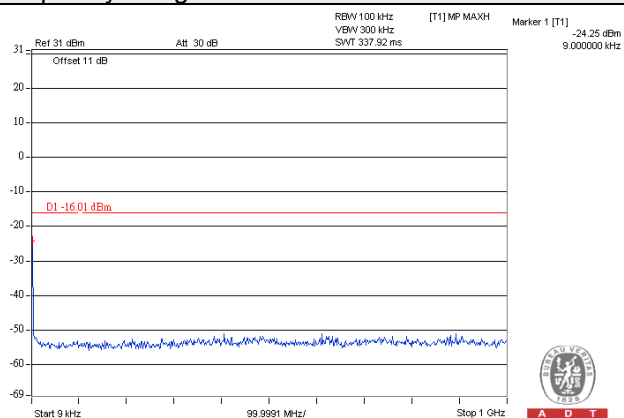


LTE Band 7 / Chain 1 / Channel Bandwidth: 10MHz

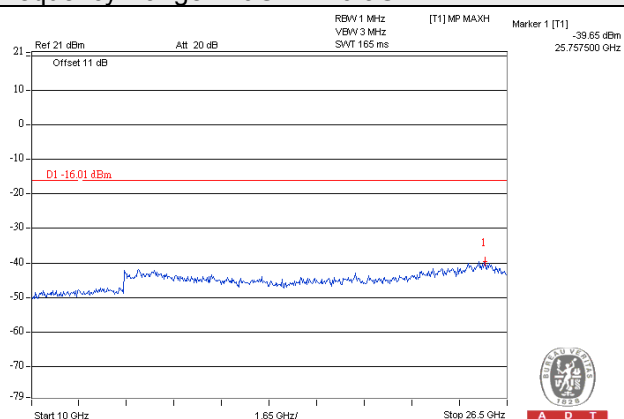
Channel 3400

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

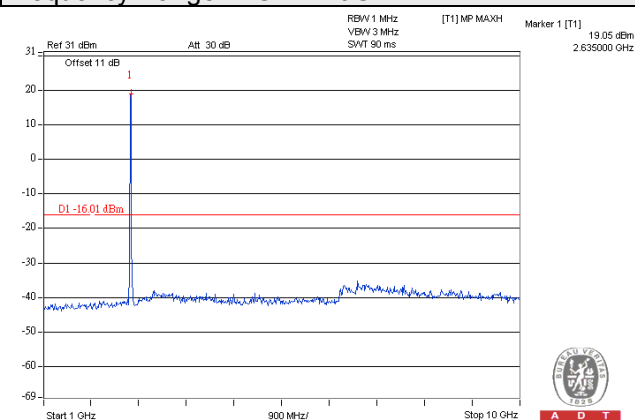
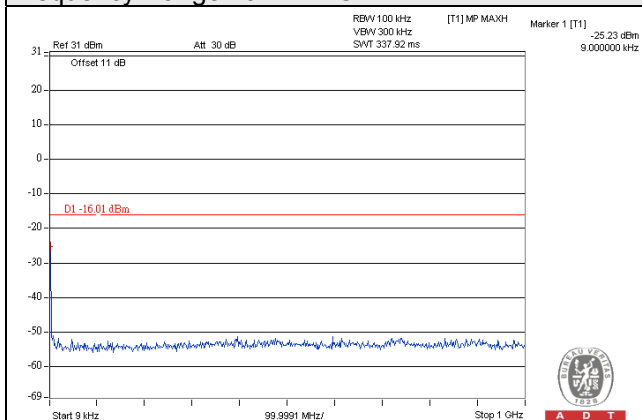


LTE Band 7 / Chain 1 / Channel Bandwidth: 20MHz

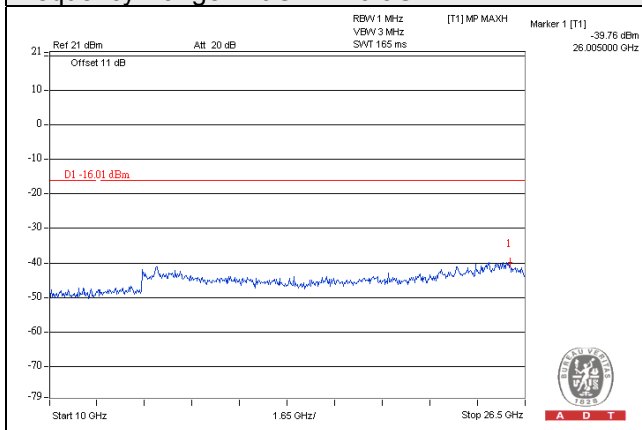
Channel 2850

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

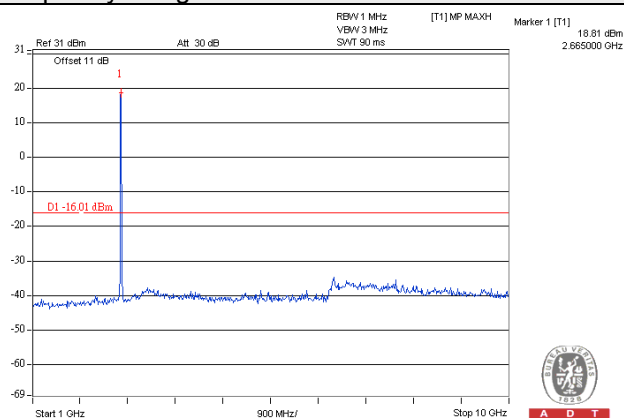
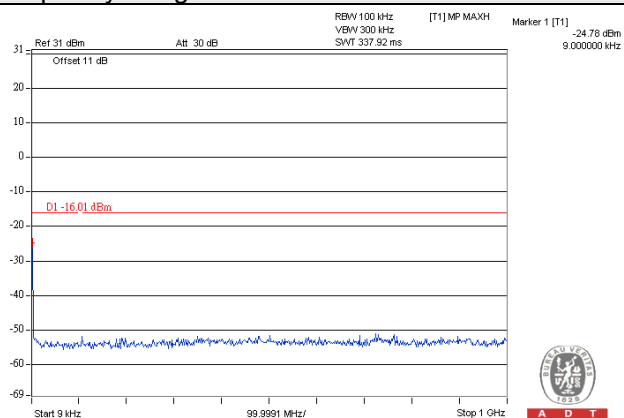


LTE Band 7 / Chain 1 / Channel Bandwidth: 20MHz

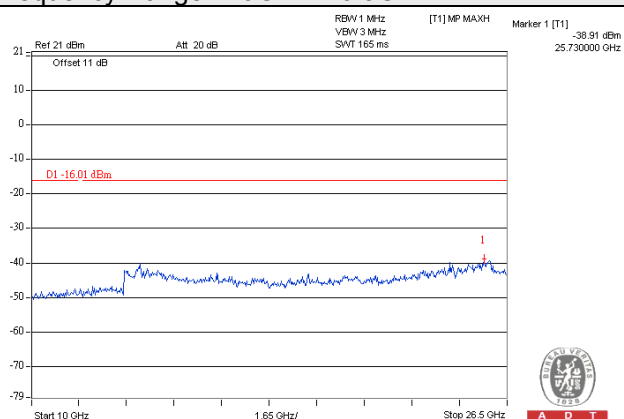
Channel 3100

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz

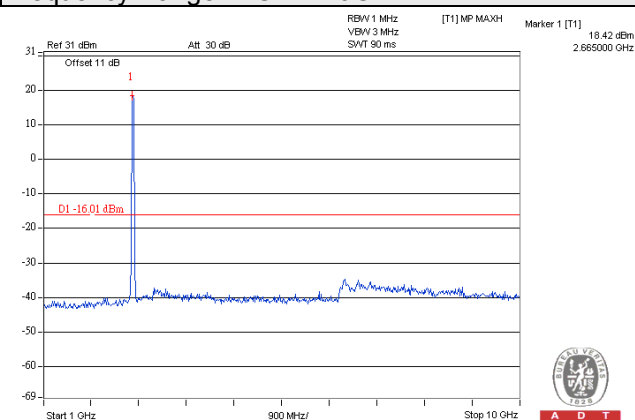
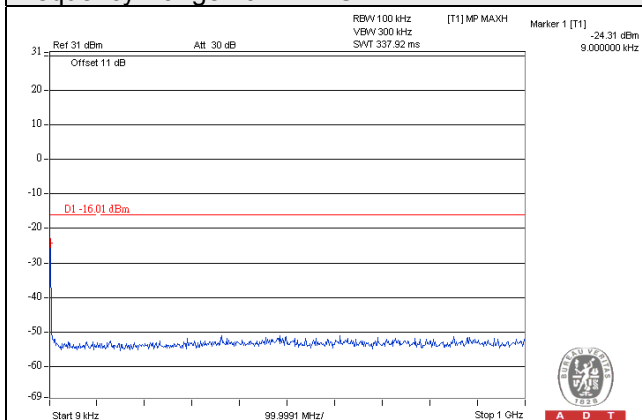


LTE Band 7 / Chain 1 / Channel Bandwidth: 20MHz

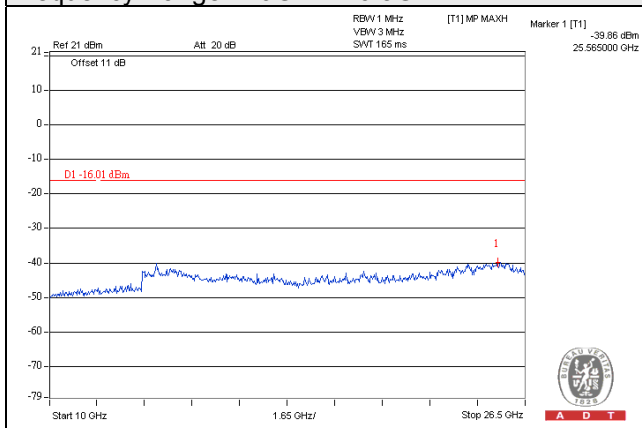
Channel 3350

Frequency Range : 9kHz~1GHz

Frequency Range : 1GHz~10GHz



Frequency Range : 10GHz~26.5GHz



4.5 Radiated Emission Measurement

4.5.1 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 .

4.5.2 Test Procedure

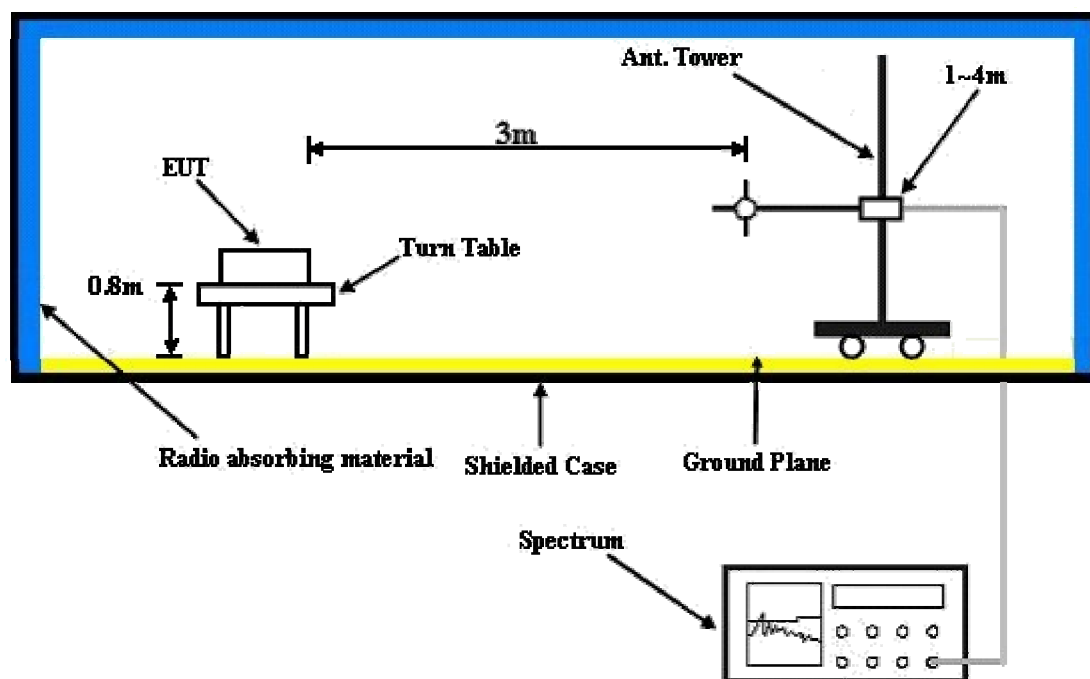
- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from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

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

4.5.3 Deviation from Test Standard

No deviation.

4.5.4 Test Setup



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

4.5.5 Test Results

Below 1GHz

Mode	Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 2775
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	72.77	-46.0	-48.4	-4.1	-52.5	-13.0	-39.5
2	103.87	-51.2	-60.7	0.7	-60.0	-13.0	-47.0
3	216.61	-51.1	-65.1	5.4	-59.7	-13.0	-46.7
4	298.26	-56.8	-64.2	5.1	-59.1	-13.0	-46.1
5	420.72	-64.3	-69.3	5.2	-64.1	-13.0	-51.1
6	778.40	-67.4	-66.2	4.3	-61.9	-13.0	-48.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	74.71	-43.1	-46.1	-3.4	-49.5	-13.0	-36.5
2	214.67	-56.4	-64.2	5.4	-58.8	-13.0	-45.8
3	302.14	-59.7	-63.6	5.1	-58.5	-13.0	-45.5
4	414.89	-65.2	-70.5	5.2	-65.3	-13.0	-52.3
5	861.98	-66.8	-62.7	3.9	-58.8	-13.0	-45.8
6	895.03	-60.2	-55.4	3.9	-51.5	-13.0	-38.5

Remarks:

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

Mode	Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 2800
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	72.77	-44.9	-47.3	-4.1	-51.4	-13.0	-38.4
2	216.61	-51.6	-65.6	5.4	-60.2	-13.0	-47.2
3	292.42	-54.8	-63.2	5.1	-58.1	-13.0	-45.1
4	376.01	-63.7	-70.9	5.3	-65.6	-13.0	-52.6
5	690.92	-68.7	-70.6	5.2	-65.4	-13.0	-52.4
6	896.97	-68.0	-63.8	3.9	-59.9	-13.0	-46.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	33.89	-31.4	-28.4	-11.7	-40.1	-13.0	-27.1
2	119.42	-46.6	-53.7	0.1	-53.6	-13.0	-40.6
3	267.15	-60.4	-64.0	5.3	-58.7	-13.0	-45.7
4	552.91	-66.2	-69.1	4.7	-64.4	-13.0	-51.4
5	860.04	-67.0	-62.8	3.9	-58.9	-13.0	-45.9
6	965.01	-68.8	-62.8	3.9	-58.9	-13.0	-45.9

Remarks:

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

Mode	Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 2850
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	74.71	-44.0	-46.7	-3.4	-50.1	-13.0	-37.1
2	216.61	-51.2	-65.2	5.4	-59.8	-13.0	-46.8
3	298.26	-57.7	-65.1	5.1	-60.0	-13.0	-47.0
4	416.83	-65.9	-71.0	5.2	-65.8	-13.0	-52.8
5	823.11	-68.5	-65.4	4.0	-61.4	-13.0	-48.4
6	988.34	-68.9	-63.2	3.9	-59.3	-13.0	-46.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	33.89	-40.0	-37.0	-11.7	-48.7	-13.0	-35.7
2	133.03	-54.0	-58.8	-0.1	-58.9	-13.0	-45.9
3	216.61	-56.3	-64.3	5.4	-58.9	-13.0	-45.9
4	300.20	-60.1	-64.5	5.1	-59.4	-13.0	-46.4
5	613.17	-66.2	-66.2	4.6	-61.6	-13.0	-48.6
6	861.98	-66.8	-62.7	3.9	-58.8	-13.0	-45.8

Remarks:

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

Above 1GHz

Mode	Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 2775
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-42.1	-33.7	1.3	-32.4	-13.0	-19.4
2	5797.50	-54.5	-41.4	1.2	-40.2	-13.0	-27.2
3	7730.00	-42.9	-24.9	1.2	-23.7	-13.0	-10.7
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-42.0	-33.4	1.3	-32.1	-13.0	-19.1
2	5797.50	-54.3	-41.4	1.2	-40.2	-13.0	-27.2
3	7730.00	-38.5	-20.6	1.2	-19.4	-13.0	-6.4

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5245.00	-49.3	-37.5	1.4	-36.1	-13.0	-23.1
2	7867.50	-46.0	-27.8	1.1	-26.7	-13.0	-13.7
3	10490.00	-57.6	-33.0	0.2	-32.8	-13.0	-19.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5245.00	-53.1	-41.2	1.4	-39.8	-13.0	-26.8
2	7867.50	-45.0	-27.0	1.1	-25.9	-13.0	-12.9
3	10490.00	-55.2	-31.3	0.2	-31.1	-13.0	-18.1

Remarks:

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

Mode	Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 3100
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-40.3	-31.9	1.3	-30.6	-13.0	-17.6
2	5797.50	-53.6	-40.5	1.2	-39.3	-13.0	-26.3
3	7730.00	-42.9	-24.9	1.2	-23.7	-13.0	-10.7

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-42.8	-34.2	1.3	-32.9	-13.0	-19.9
2	5797.50	-52.7	-39.8	1.2	-38.6	-13.0	-25.6
3	7730.00	-39.1	-21.2	1.2	-20.0	-13.0	-7.0

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-52.7	-40.7	1.4	-39.3	-13.0	-26.3
2	7965.00	-48.5	-29.8	1.2	-28.6	-13.0	-15.6
3	10620.00	-61.0	-36.4	0.2	-36.2	-13.0	-23.2

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-53.0	-41.6	1.4	-40.2	-13.0	-27.2
2	7965.00	-46.5	-28.3	1.2	-27.1	-13.0	-14.1
3	10620.00	-54.1	-30.3	0.2	-30.1	-13.0	-17.1

Remarks:

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

Mode	Mode 1: LTE Band 2 5MHz: TX channel 625 + LTE Band 7 5MHz TX channel 3425
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-40.4	-32.0	1.3	-30.7	-13.0	-17.7
2	5797.50	-53.0	-39.9	1.2	-38.7	-13.0	-25.7
3	7730.00	-41.7	-23.7	1.2	-22.5	-13.0	-9.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3865.00	-42.8	-34.2	1.3	-32.9	-13.0	-19.9
2	5797.50	-52.8	-39.9	1.2	-38.7	-13.0	-25.7
3	7730.00	-36.7	-18.8	1.2	-17.6	-13.0	-4.6

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5375.00	-47.6	-35.6	1.5	-34.1	-13.0	-21.1
2	8062.50	-48.0	-28.5	1.1	-27.4	-13.0	-14.4
3	10750.00	-57.7	-32.0	0.2	-31.8	-13.0	-18.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5375.00	-41.3	-29.9	1.5	-28.4	-13.0	-15.4
2	8062.50	-44.8	-26.3	1.1	-25.2	-13.0	-12.2
3	10750.00	-54.0	-29.5	0.2	-29.3	-13.0	-16.3

Remarks:

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

Mode	Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 2775
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-46.6	-38.1	1.3	-36.8	-13.0	-23.8
2	5880.00	-50.4	-37.0	1.2	-35.8	-13.0	-22.8
3	7840.00	-40.7	-22.4	1.1	-21.3	-13.0	-8.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-45.8	-37.1	1.3	-35.8	-13.0	-22.8
2	5880.00	-52.3	-39.2	1.2	-38.0	-13.0	-25.0
3	7840.00	-41.8	-23.8	1.1	-22.7	-13.0	-9.7

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5245.00	-49.8	-38.0	1.4	-36.6	-13.0	-23.6
2	7867.50	-46.0	-27.8	1.1	-26.7	-13.0	-13.7
3	10490.00	-57.5	-32.9	0.2	-32.7	-13.0	-19.7
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5245.00	-53.8	-41.9	1.4	-40.5	-13.0	-27.5
2	7867.50	-46.3	-28.3	1.1	-27.2	-13.0	-14.2
3	10490.00	-56.0	-32.1	0.2	-31.9	-13.0	-18.9

Remarks:

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

Mode	Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 3100
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-47.6	-39.1	1.3	-37.8	-13.0	-24.8
2	5880.00	-52.1	-38.7	1.2	-37.5	-13.0	-24.5
3	7840.00	-40.8	-22.5	1.1	-21.4	-13.0	-8.4

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-45.4	-36.7	1.3	-35.4	-13.0	-22.4
2	5880.00	-52.3	-39.2	1.2	-38.0	-13.0	-25.0
3	7840.00	-43.4	-25.4	1.1	-24.3	-13.0	-11.3

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-49.1	-37.1	1.4	-35.7	-13.0	-22.7
2	7965.00	-45.7	-27.0	1.2	-25.8	-13.0	-12.8
3	10620.00	-56.9	-32.3	0.2	-32.1	-13.0	-19.1

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-52.1	-40.7	1.4	-39.3	-13.0	-26.3
2	7965.00	-45.7	-27.5	1.2	-26.3	-13.0	-13.3
3	10620.00	-53.6	-29.8	0.2	-29.6	-13.0	-16.6

Remarks:

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

Mode	Mode 1: LTE Band 2 5MHz: TX channel 900 + LTE Band 7 5MHz TX channel 3425
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-46.4	-37.9	1.3	-36.6	-13.0	-23.6
2	5880.00	-51.8	-38.4	1.2	-37.2	-13.0	-24.2
3	7840.00	-42.9	-24.6	1.1	-23.5	-13.0	-10.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-47.4	-38.7	1.3	-37.4	-13.0	-24.4
2	5880.00	-51.1	-38.0	1.2	-36.8	-13.0	-23.8
3	7840.00	-39.5	-21.5	1.1	-20.4	-13.0	-7.4

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5375.00	-47.6	-35.6	1.5	-34.1	-13.0	-21.1
2	8062.50	-46.5	-27.0	1.1	-25.9	-13.0	-12.9
3	10750.00	-57.4	-31.7	0.2	-31.5	-13.0	-18.5
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5375.00	-41.6	-30.2	1.5	-28.7	-13.0	-15.7
2	8062.50	-45.2	-26.7	1.1	-25.6	-13.0	-12.6
3	10750.00	-53.8	-29.3	0.2	-29.1	-13.0	-16.1

Remarks:

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

Mode	Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 2775
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3975.00	-42.1	-33.6	1.3	-32.3	-13.0	-19.3
2	5962.50	-47.1	-33.5	1.1	-32.4	-13.0	-19.4
3	7950.00	-43.4	-24.8	1.1	-23.7	-13.0	-10.7
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3975.00	-39.0	-30.4	1.3	-29.1	-13.0	-16.1
2	5962.50	-44.7	-31.4	1.1	-30.3	-13.0	-17.3
3	7950.00	-41.5	-23.3	1.1	-22.2	-13.0	-9.2

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5245.00	-48.5	-36.7	1.4	-35.3	-13.0	-22.3
2	7867.50	-45.6	-27.4	1.1	-26.3	-13.0	-13.3
3	10490.00	-54.5	-29.9	0.2	-29.7	-13.0	-16.7
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5245.00	-54.5	-42.6	1.4	-41.2	-13.0	-28.2
2	7867.50	-44.4	-26.4	1.1	-25.3	-13.0	-12.3
3	10490.00	-53.8	-29.9	0.2	-29.7	-13.0	-16.7

Remarks:

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

Mode	Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 3100
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3975.00	-40.2	-31.7	1.3	-30.4	-13.0	-17.4
2	5962.50	-47.8	-34.2	1.1	-33.1	-13.0	-20.1
3	7950.00	-44.0	-25.4	1.1	-24.3	-13.0	-11.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3975.00	-39.3	-30.7	1.3	-29.4	-13.0	-16.4
2	5962.50	-45.4	-32.1	1.1	-31.0	-13.0	-18.0
3	7950.00	-41.6	-23.4	1.1	-22.3	-13.0	-9.3

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-48.7	-36.7	1.4	-35.3	-13.0	-22.3
2	7965.00	-45.9	-27.2	1.2	-26.0	-13.0	-13.0
3	10620.00	-56.8	-32.2	0.2	-32.0	-13.0	-19.0
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-52.8	-41.4	1.4	-40.0	-13.0	-27.0
2	7965.00	-45.4	-27.2	1.2	-26.0	-13.0	-13.0
3	10620.00	-54.3	-30.5	0.2	-30.3	-13.0	-17.3

Remarks:

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

Mode	Mode 1: LTE Band 2 5MHz: TX channel 1175 + LTE Band 7 5MHz TX channel 3425
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3975.00	-42.1	-33.6	1.3	-32.3	-13.0	-19.3
2	5962.50	-46.1	-32.5	1.1	-31.4	-13.0	-18.4
3	7950.00	-42.5	-23.9	1.1	-22.8	-13.0	-9.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3975.00	-37.3	-28.7	1.3	-27.4	-13.0	-14.4
2	5962.50	-46.8	-33.5	1.1	-32.4	-13.0	-19.4
3	7950.00	-40.8	-22.6	1.1	-21.5	-13.0	-8.5

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5375.00	-47.9	-35.9	1.5	-34.4	-13.0	-21.4
2	8062.50	-46.2	-26.7	1.1	-25.6	-13.0	-12.6
3	10750.00	-57.6	-31.9	0.2	-31.7	-13.0	-18.7
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5375.00	-51.4	-40.0	1.5	-38.5	-13.0	-25.5
2	8062.50	-44.9	-26.4	1.1	-25.3	-13.0	-12.3
3	10750.00	-53.1	-28.6	0.2	-28.4	-13.0	-15.4

Remarks:

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

Mode	Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 2800
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3870.00	-51.9	-43.5	1.3	-42.2	-13.0	-29.2
2	5805.00	-50.6	-37.4	1.2	-36.2	-13.0	-23.2
3	7740.00	-44.9	-26.9	1.2	-25.7	-13.0	-12.7
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3870.00	-53.7	-45.1	1.3	-43.8	-13.0	-30.8
2	5805.00	-52.5	-39.6	1.2	-38.4	-13.0	-25.4
3	7740.00	-45.4	-27.5	1.2	-26.3	-13.0	-13.3

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5250.00	-52.4	-40.7	1.5	-39.2	-13.0	-26.2
2	7875.00	-45.8	-27.7	1.2	-26.5	-13.0	-13.5
3	10500.00	-58.1	-33.4	0.1	-33.3	-13.0	-20.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5250.00	-54.8	-43.1	1.5	-41.6	-13.0	-28.6
2	7875.00	-47.0	-29.1	1.2	-27.9	-13.0	-14.9
3	10500.00	-59.4	-35.4	0.1	-35.3	-13.0	-22.3

Remarks:

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

Mode	Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 3100
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3870.00	-55.3	-46.9	1.3	-45.6	-13.0	-32.6
2	5805.00	-54.4	-41.2	1.2	-40.0	-13.0	-27.0
3	7740.00	-46.4	-28.4	1.2	-27.2	-13.0	-14.2
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3870.00	-53.5	-44.9	1.3	-43.6	-13.0	-30.6
2	5805.00	-52.7	-39.8	1.2	-38.6	-13.0	-25.6
3	7740.00	-44.4	-26.5	1.2	-25.3	-13.0	-12.3

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-55.7	-43.7	1.4	-42.3	-13.0	-29.3
2	7965.00	-47.8	-29.1	1.2	-27.9	-13.0	-14.9
3	10620.00	-60.2	-35.6	0.2	-35.4	-13.0	-22.4
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-54.2	-42.8	1.4	-41.4	-13.0	-28.4
2	7965.00	-46.3	-28.1	1.2	-26.9	-13.0	-13.9
3	10620.00	-58.7	-34.9	0.2	-34.7	-13.0	-21.7

Remarks:

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

Mode	Mode 2: LTE Band 2 10MHz: TX channel 650 + LTE Band 7 10MHz TX channel 3400
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3870.00	-56.1	-47.7	1.3	-46.4	-13.0	-33.4
2	5805.00	-54.9	-41.7	1.2	-40.5	-13.0	-27.5
3	7740.00	-45.6	-27.6	1.2	-26.4	-13.0	-13.4

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3870.00	-54.0	-45.4	1.3	-44.1	-13.0	-31.1
2	5805.00	-53.4	-40.5	1.2	-39.3	-13.0	-26.3
3	7740.00	-45.2	-27.3	1.2	-26.1	-13.0	-13.1

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5370.00	-55.6	-43.6	1.5	-42.1	-13.0	-29.1
2	8055.00	-46.9	-27.4	1.1	-26.3	-13.0	-13.3
3	10740.00	-60.5	-34.8	0.1	-34.7	-13.0	-21.7

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5370.00	-54.4	-43.1	1.5	-41.6	-13.0	-28.6
2	8055.00	-45.9	-27.4	1.1	-26.3	-13.0	-13.3
3	10740.00	-59.2	-34.6	0.1	-34.5	-13.0	-21.5

Remarks:

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

Mode	Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 2800
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-54.0	-45.5	1.3	-44.2	-13.0	-31.2
2	5880.00	-47.6	-34.2	1.2	-33.0	-13.0	-20.0
3	7840.00	-43.7	-25.4	1.1	-24.3	-13.0	-11.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-54.7	-46.0	1.3	-44.7	-13.0	-31.7
2	5880.00	-46.3	-33.2	1.2	-32.0	-13.0	-19.0
3	7840.00	-43.6	-25.6	1.1	-24.5	-13.0	-11.5

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5250.00	-56.2	-44.5	1.5	-43.0	-13.0	-30.0
2	7875.00	-53.8	-35.7	1.2	-34.5	-13.0	-21.5
3	10500.00	-61.6	-36.9	0.1	-36.8	-13.0	-23.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5250.00	-54.9	-43.2	1.5	-41.7	-13.0	-28.7
2	7875.00	-45.9	-28.0	1.2	-26.8	-13.0	-13.8
3	10500.00	-58.7	-34.7	0.1	-34.6	-13.0	-21.6

Remarks:

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

Mode	Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 3100
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-53.6	-45.1	1.3	-43.8	-13.0	-30.8
2	5880.00	-47.9	-34.5	1.2	-33.3	-13.0	-20.3
3	7840.00	-44.3	-26.0	1.1	-24.9	-13.0	-11.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-55.1	-46.4	1.3	-45.1	-13.0	-32.1
2	5880.00	-45.8	-32.7	1.2	-31.5	-13.0	-18.5
3	7840.00	-44.2	-26.2	1.1	-25.1	-13.0	-12.1

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-55.9	-43.9	1.4	-42.5	-13.0	-29.5
2	7965.00	-54.3	-35.6	1.2	-34.4	-13.0	-21.4
3	10620.00	-61.1	-36.5	0.2	-36.3	-13.0	-23.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-55.2	-43.8	1.4	-42.4	-13.0	-29.4
2	7965.00	-45.5	-27.3	1.2	-26.1	-13.0	-13.1
3	10620.00	-58.1	-34.3	0.2	-34.1	-13.0	-21.1

Remarks:

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

Mode	Mode 2: LTE Band 2 10MHz: TX channel 900 + LTE Band 7 10MHz TX channel 3400
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-53.8	-45.3	1.3	-44.0	-13.0	-31.0
2	5880.00	-47.9	-34.5	1.2	-33.3	-13.0	-20.3
3	7840.00	-44.4	-26.1	1.1	-25.0	-13.0	-12.0

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-54.5	-45.8	1.3	-44.5	-13.0	-31.5
2	5880.00	-46.1	-33.0	1.2	-31.8	-13.0	-18.8
3	7840.00	-43.9	-25.9	1.1	-24.8	-13.0	-11.8

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5370.00	-56.6	-44.6	1.5	-43.1	-13.0	-30.1
2	8055.00	-53.5	-34.0	1.1	-32.9	-13.0	-19.9
3	10740.00	-61.1	-35.4	0.1	-35.3	-13.0	-22.3

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5370.00	-54.5	-43.2	1.5	-41.7	-13.0	-28.7
2	8055.00	-45.1	-26.6	1.1	-25.5	-13.0	-12.5
3	10740.00	-59.2	-34.6	0.1	-34.5	-13.0	-21.5

Remarks:

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

Mode	Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 2800
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3970.00	-54.2	-45.7	1.3	-44.4	-13.0	-31.4
2	5955.00	-47.9	-34.3	1.1	-33.2	-13.0	-20.2
3	7940.00	-54.3	-35.8	1.1	-34.7	-13.0	-21.7

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3970.00	-54.2	-45.6	1.3	-44.3	-13.0	-31.3
2	5955.00	-45.9	-32.6	1.1	-31.5	-13.0	-18.5
3	7940.00	-45.7	-27.5	1.1	-26.4	-13.0	-13.4

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5250.00	-56.8	-45.1	1.5	-43.6	-13.0	-30.6
2	7875.00	-44.8	-26.7	1.2	-25.5	-13.0	-12.5
3	10500.00	-61.2	-36.5	0.1	-36.4	-13.0	-23.4

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5250.00	-54.7	-43.0	1.5	-41.5	-13.0	-28.5
2	7875.00	-45.8	-27.9	1.2	-26.7	-13.0	-13.7
3	10500.00	-58.5	-34.5	0.1	-34.4	-13.0	-21.4

Remarks:

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

Mode	Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 3100
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3970.00	-54.7	-46.2	1.3	-44.9	-13.0	-31.9
2	5955.00	-47.4	-33.8	1.1	-32.7	-13.0	-19.7
3	7940.00	-54.7	-36.2	1.1	-35.1	-13.0	-22.1
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3970.00	-55.0	-46.4	1.3	-45.1	-13.0	-32.1
2	5955.00	-46.3	-33.0	1.1	-31.9	-13.0	-18.9
3	7940.00	-45.3	-27.1	1.1	-26.0	-13.0	-13.0

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-57.3	-45.3	1.4	-43.9	-13.0	-30.9
2	7965.00	-45.4	-26.7	1.2	-25.5	-13.0	-12.5
3	10620.00	-61.6	-37.0	0.2	-36.8	-13.0	-23.8
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-54.1	-42.7	1.4	-41.3	-13.0	-28.3
2	7965.00	-46.3	-28.1	1.2	-26.9	-13.0	-13.9
3	10620.00	-58.3	-34.5	0.2	-34.3	-13.0	-21.3

Remarks:

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

Mode	Mode 2: LTE Band 2 10MHz: TX channel 1150 + LTE Band 7 10MHz TX channel 3400
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3970.00	-54.9	-46.4	1.3	-45.1	-13.0	-32.1
2	5955.00	-47.9	-34.3	1.1	-33.2	-13.0	-20.2
3	7940.00	-54.2	-35.7	1.1	-34.6	-13.0	-21.6

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3970.00	-54.6	-46.0	1.3	-44.7	-13.0	-31.7
2	5955.00	-45.3	-32.0	1.1	-30.9	-13.0	-17.9
3	7940.00	-45.8	-27.6	1.1	-26.5	-13.0	-13.5

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5370.00	-57.6	-45.6	1.5	-44.1	-13.0	-31.1
2	8055.00	-46.1	-26.6	1.1	-25.5	-13.0	-12.5
3	10740.00	-61.1	-35.4	0.1	-35.3	-13.0	-22.3

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5370.00	-54.5	-43.2	1.5	-41.7	-13.0	-28.7
2	8055.00	-46.7	-28.2	1.1	-27.1	-13.0	-14.1
3	10740.00	-58.4	-33.8	0.1	-33.7	-13.0	-20.7

Remarks:

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

Mode	Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 2850
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3880.00	-42.5	-34.1	1.3	-32.8	-13.0	-19.8
2	5820.00	-56.3	-43.1	1.2	-41.9	-13.0	-28.9
3	7760.00	-45.4	-27.1	1.1	-26.0	-13.0	-13.0

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3880.00	-46.2	-37.5	1.3	-36.2	-13.0	-23.2
2	5820.00	-55.4	-42.4	1.2	-41.2	-13.0	-28.2
3	7760.00	-41.2	-23.2	1.1	-22.1	-13.0	-9.1

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5260.00	-54.3	-42.5	1.5	-41.0	-13.0	-28.0
2	7890.00	-47.7	-29.7	1.2	-28.5	-13.0	-15.5
3	10520.00	-56.8	-32.2	0.2	-32.0	-13.0	-19.0

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5260.00	-53.4	-41.8	1.5	-40.3	-13.0	-27.3
2	7890.00	-46.9	-29.0	1.2	-27.8	-13.0	-14.8
3	10520.00	-54.7	-30.9	0.2	-30.7	-13.0	-17.7

Remarks:

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

Mode	Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 3100
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3880.00	-44.4	-36.0	1.3	-34.7	-13.0	-21.7
2	5820.00	-54.7	-41.5	1.2	-40.3	-13.0	-27.3
3	7760.00	-43.4	-25.1	1.1	-24.0	-13.0	-11.0

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3880.00	-43.9	-35.2	1.3	-33.9	-13.0	-20.9
2	5820.00	-55.9	-42.9	1.2	-41.7	-13.0	-28.7
3	7760.00	-43.9	-25.9	1.1	-24.8	-13.0	-11.8

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-53.4	-41.4	1.4	-40.0	-13.0	-27.0
2	7965.00	-48.6	-29.9	1.2	-28.7	-13.0	-15.7
3	10620.00	-56.8	-32.2	0.2	-32.0	-13.0	-19.0

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-41.2	-29.8	1.4	-28.4	-13.0	-15.4
2	7965.00	-45.1	-26.9	1.2	-25.7	-13.0	-12.7
3	10620.00	-54.6	-30.8	0.2	-30.6	-13.0	-17.6

Remarks:

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

Mode	Mode 3: LTE Band 2 20MHz: TX channel 700 + LTE Band 7 20MHz TX channel 3350
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3880.00	-42.3	-33.9	1.3	-32.6	-13.0	-19.6
2	5820.00	-56.9	-43.7	1.2	-42.5	-13.0	-29.5
3	7760.00	-44.0	-25.7	1.1	-24.6	-13.0	-11.6

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3880.00	-44.6	-35.9	1.3	-34.6	-13.0	-21.6
2	5820.00	-55.2	-42.2	1.2	-41.0	-13.0	-28.0
3	7760.00	-42.9	-24.9	1.1	-23.8	-13.0	-10.8

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5360.00	-53.4	-41.4	1.5	-39.9	-13.0	-26.9
2	8040.00	-47.5	-28.1	1.1	-27.0	-13.0	-14.0
3	10720.00	-55.2	-29.7	0.1	-29.6	-13.0	-16.6

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5360.00	-53.4	-42.1	1.5	-40.6	-13.0	-27.6
2	8040.00	-47.4	-28.9	1.1	-27.8	-13.0	-14.8
3	10720.00	-55.2	-30.7	0.1	-30.6	-13.0	-17.6

Remarks:

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

Mode	Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 2850
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-43.4	-34.9	1.3	-33.6	-13.0	-20.6
2	5880.00	-56.6	-43.2	1.2	-42.0	-13.0	-29.0
3	7840.00	-45.8	-27.5	1.1	-26.4	-13.0	-13.4

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-45.2	-36.5	1.3	-35.2	-13.0	-22.2
2	5880.00	-58.1	-45.0	1.2	-43.8	-13.0	-30.8
3	7840.00	-44.3	-26.3	1.1	-25.2	-13.0	-12.2

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5260.00	-54.2	-42.4	1.5	-40.9	-13.0	-27.9
2	7890.00	-47.3	-29.3	1.2	-28.1	-13.0	-15.1
3	10520.00	-57.6	-33.0	0.2	-32.8	-13.0	-19.8

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5260.00	-54.4	-42.8	1.5	-41.3	-13.0	-28.3
2	7890.00	-46.9	-29.0	1.2	-27.8	-13.0	-14.8
3	10520.00	-54.7	-30.9	0.2	-30.7	-13.0	-17.7

Remarks:

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

Mode	Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 3100
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-44.6	-36.1	1.3	-34.8	-13.0	-21.8
2	5880.00	-54.8	-41.4	1.2	-40.2	-13.0	-27.2
3	7840.00	-44.7	-26.4	1.1	-25.3	-13.0	-12.3

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-45.4	-36.7	1.3	-35.4	-13.0	-22.4
2	5880.00	-58.6	-45.5	1.2	-44.3	-13.0	-31.3
3	7840.00	-41.8	-23.8	1.1	-22.7	-13.0	-9.7

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-53.4	-41.4	1.4	-40.0	-13.0	-27.0
2	7965.00	-47.9	-29.2	1.2	-28.0	-13.0	-15.0
3	10620.00	-56.3	-31.7	0.2	-31.5	-13.0	-18.5

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-40.8	-29.4	1.4	-28.0	-13.0	-15.0
2	7965.00	-44.9	-26.7	1.2	-25.5	-13.0	-12.5
3	10620.00	-54.7	-30.9	0.2	-30.7	-13.0	-17.7

Remarks:

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

Mode	Mode 3: LTE Band 2 20MHz: TX channel 900 + LTE Band 7 20MHz TX channel 3350
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-44.4	-35.9	1.3	-34.6	-13.0	-21.6
2	5880.00	-55.6	-42.2	1.2	-41.0	-13.0	-28.0
3	7840.00	-45.7	-27.4	1.1	-26.3	-13.0	-13.3
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3920.00	-45.8	-37.1	1.3	-35.8	-13.0	-22.8
2	5880.00	-58.3	-45.2	1.2	-44.0	-13.0	-31.0
3	7840.00	-43.4	-25.4	1.1	-24.3	-13.0	-11.3

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5360.00	-40.8	-28.8	1.5	-27.3	-13.0	-14.3
2	8040.00	-47.3	-27.9	1.1	-26.8	-13.0	-13.8
3	10720.00	-55.5	-30.0	0.1	-29.9	-13.0	-16.9
Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5360.00	-53.5	-42.2	1.5	-40.7	-13.0	-27.7
2	8040.00	-47.3	-28.8	1.1	-27.7	-13.0	-14.7
3	10720.00	-56.4	-31.9	0.1	-31.8	-13.0	-18.8

Remarks:

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

Mode	Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 2850
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3960.00	-44.2	-35.7	1.3	-34.4	-13.0	-21.4
2	5940.00	-55.9	-42.3	1.1	-41.2	-13.0	-28.2
3	7920.00	-44.2	-26.0	1.2	-24.8	-13.0	-11.8

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3960.00	-46.2	-37.6	1.3	-36.3	-13.0	-23.3
2	5940.00	-55.0	-41.7	1.1	-40.6	-13.0	-27.6
3	7920.00	-42.2	-24.2	1.2	-23.0	-13.0	-10.0

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5260.00	-53.6	-41.8	1.5	-40.3	-13.0	-27.3
2	7890.00	-46.7	-28.7	1.2	-27.5	-13.0	-14.5
3	10520.00	-56.0	-31.4	0.2	-31.2	-13.0	-18.2

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5260.00	-54.3	-42.7	1.5	-41.2	-13.0	-28.2
2	7890.00	-46.4	-28.5	1.2	-27.3	-13.0	-14.3
3	10520.00	-54.6	-30.8	0.2	-30.6	-13.0	-17.6

Remarks:

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

Mode	Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 3100
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3960.00	-43.0	-34.5	1.3	-33.2	-13.0	-20.2
2	5940.00	-53.1	-39.5	1.1	-38.4	-13.0	-25.4
3	7920.00	-44.2	-26.0	1.2	-24.8	-13.0	-11.8

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3960.00	-46.1	-37.5	1.3	-36.2	-13.0	-23.2
2	5940.00	-56.0	-42.7	1.1	-41.6	-13.0	-28.6
3	7920.00	-41.3	-23.3	1.2	-22.1	-13.0	-9.1

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-53.4	-41.4	1.4	-40.0	-13.0	-27.0
2	7965.00	-46.0	-27.3	1.2	-26.1	-13.0	-13.1
3	10620.00	-56.9	-32.3	0.2	-32.1	-13.0	-19.1

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5310.00	-40.3	-28.9	1.4	-27.5	-13.0	-14.5
2	7965.00	-44.9	-26.7	1.2	-25.5	-13.0	-12.5
3	10620.00	-54.0	-30.2	0.2	-30.0	-13.0	-17.0

Remarks:

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

Mode	Mode 3: LTE Band 2 20MHz: TX channel 1100 + LTE Band 7 20MHz TX channel 3350
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Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3960.00	-43.8	-35.3	1.3	-34.0	-13.0	-21.0
2	5940.00	-53.4	-39.8	1.1	-38.7	-13.0	-25.7
3	7920.00	-45.5	-27.3	1.2	-26.1	-13.0	-13.1

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	3960.00	-46.6	-38.0	1.3	-36.7	-13.0	-23.7
2	5940.00	-56.8	-43.5	1.1	-42.4	-13.0	-29.4
3	7920.00	-41.9	-23.9	1.2	-22.7	-13.0	-9.7

Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5360.00	-53.0	-41.0	1.5	-39.5	-13.0	-26.5
2	8040.00	-46.8	-27.4	1.1	-26.3	-13.0	-13.3
3	10720.00	-55.2	-29.7	0.1	-29.6	-13.0	-16.6

Antenna Polarity & Test Distance: Vertical at 3 M							
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
1	5360.00	-54.3	-43.0	1.5	-41.5	-13.0	-28.5
2	8040.00	-48.2	-29.7	1.1	-28.6	-13.0	-15.6
3	10720.00	-55.4	-30.9	0.1	-30.8	-13.0	-17.8

Remarks:

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

5 Pictures of Test Arrangements

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

Appendix – Information on the Testing Laboratories

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

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

Linko EMC/RF Lab

Tel: 886-2-26052180

Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-6668565

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Email: service.adt@tw.bureauveritas.com

Web Site: www.bureauveritas-adt.com

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

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