FCC Test Report

FCC ID	:	**VQK-M02**
Equipment	:	**Mobile Phone**
Model No.	:	**M02**
Brand Name	:	**FUJITSU**
Applicant	:	**FUJITSU LIMITED**
Address	:	**1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki 211-8588, Japan**
Standard	:	**47 CFR FCC Part 22 Subpart H**
Received Date	:	**Nov. 24, 2015**
Tested Date	:	**Nov. 27 ~ Dec. 01, 2015**

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Approved & Reviewed by:

Gary Chang / Manager

Testing Laboratory
2732

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Release Record

Report No.	Version	Description	Issued Date
FG560301-02P22-1	Rev. 01	Initial issue	Dec. 17, 2015

Summary of Test Results

FCC Rules	Test Items	Measured	Result
2.1046 / 22.913(a)(2)	Effective Radiated Power	Power[dBm]: 16.19	Pass
2.1053 / 22.917(a)	Radiated Emissions	Meet the requirement of limit	Pass
2.1051 / 22.917(a)	Conducted Emissions	Meet the requirement of limit	Pass
2.1051 / 22.917(a)	Band Edge	Meet the requirement of limit	Pass
2.1049 / 22.917(a)	Occupied Bandwidth	Meet the requirement of limit	Pass
-	Peak to average ratio	Meet the requirement of limit	Pass
2.1055 / 22.355	Frequency Stability	Meet the requirement of limit	Pass

1 General Description

1.1 Information

1.1.1 Product Details

Product Name	Mobile Phone
Brand Name	FUJITSU
Model Name	M02
IMEI Code	353546071500032
H/W Version	v3.0.0
S/W Version	R021.3

1.1.2 Specification of the Equipment under Test (EUT)

Operating Frequency (MHz)	LTE Band 26 Channel Bandwidth: 1.4MHz: 824.7~848.3 Channel Bandwidth: 3MHz: 825.5~847.5 Channel Bandwidth: 5MHz: 826.5~846.5 Channel Bandwidth: 10MHz: 829~844 Channel Bandwidth: 15MHz: 831.5~841.5
Modulation	QPSK, 16QAM (Uplink)
Release Version	10
Duplex Mode	FDD
UE Category	4

1.1.3 Maximum ERP and Emission Designator

Mode	Modulation	Maximum ERP(dBm)	Maximum ERP(W)	Emission Designator
LTE Band 5, CB: 1.4MHz	QPSK	16.02	0.0400	1M09G7D
LTE Band 5, CB: 1.4MHz	16QAM	14.90	0.0309	1M09W7D
LTE Band 5, CB: 3MHz	QPSK	16.06	0.0404	2M68G7D
LTE Band 5, CB: 3MHz	16QAM	15.36	0.0344	2M69W7D
LTE Band 5, CB: 5MHz	QPSK	16.05	0.0403	4M47G7D
LTE Band 5, CB: 5MHz	16QAM	15.40	0.0347	4M49W7D
LTE Band 5, CB: 10MHz	QPSK	16.01	0.0399	8M97G7D
LTE Band 5, CB: 10MHz	16QAM	14.92	0.0310	8M94W7D
LTE Band 5, CB: 15MHz	QPSK	16.19	0.0416	13M5G7D
LTE Band 5, CB: 15MHz	16QAM	15.35	0.0343	13M5W7D

1.1.4 Antenna Details

Ant. No.	Type	Gain (dBi)	Connector	Remark
1	λ/4 Monopole Antenna	-5.71	No	---

1.1.5 EUT Operational Condition

Supply Voltage	5.0Vdc from AC adapter 3.8Vdc from Battery		
Operational Voltage	☒ Vnom (3.9 V)	☒ Vmax (4.29 V)	☒ Vmin (3.51 V)
Operational Climatic	☒ Tnom (20°C)	☒ Tmax (55°C)	☒ Tmin (-30°C)

1.1.6 Accessories

No.	Equipment	Description
1	Adapter	Brand Name: Fujitsu Limited Model Name: FMV-AC346 Input rating: 100-240Vac, 50/60Hz, 0.3A Output rating: 5.0Vdc, 2A 1.1m USB shielded cable without core (for charging use)
2	Cradle	Brand Name: Fujitsu Limited Model Name: FAR-CR105 Input rating: 5Vdc, 1.5A Output rating: 5.0Vdc, 1.5A
3	Battery (Unremovable)	Brand Name: Fujitsu Limited Model Name: CA54310-0064 Power Rating: 3.8Vdc, 2330mAh, 8.9Wh

1.1.7 Operating Channel List

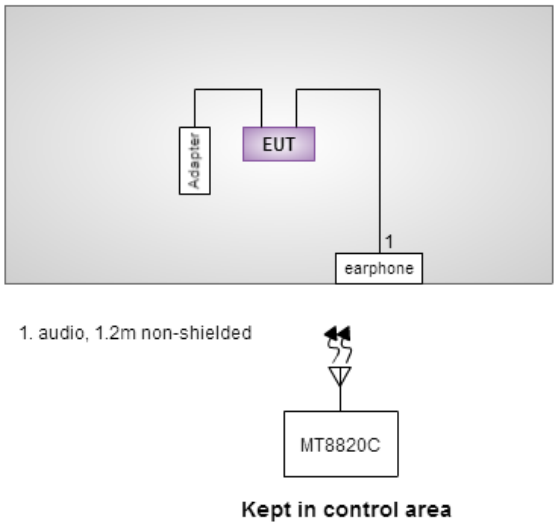
LTE Band 26		
Channel Bandwidths (MHz)	**Channel**	**Frequency (MHz)**
1.4	26797	824.7
1.4	26915	836.5
1.4	27033	848.3
3	26805	825.5
3	26915	836.5
3	27025	847.5
5	26815	826.5
5	26915	836.5
5	27015	846.5
10	26840	829.0
10	26915	836.5
10	26990	844.0
15	26865	831.5
15	26915	836.5
15	26965	841.5

1.2 Local Support Equipment List

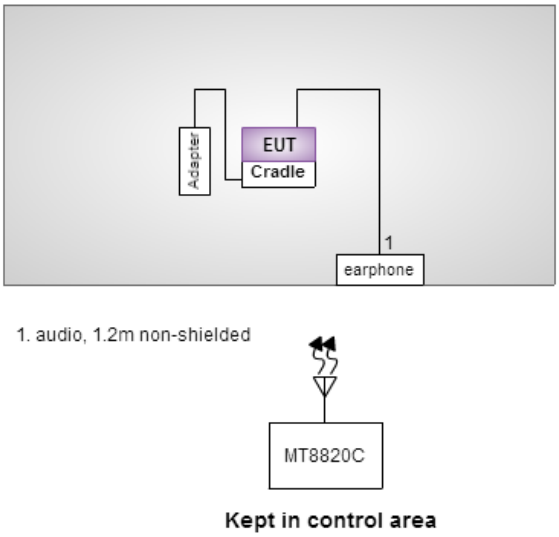
Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**S/N**	**Signal cable / Length (m)**
1	Earphone	APPLE	MD827FE/A	6	1.2m non-shielded.

1.3 Test Setup Chart

Test Setup Diagram (Adapter mode)



Test Setup Diagram (Cradle mode)



1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber 3 / (03CH03-WS)				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	Agilent	N9010A	MY53400091	Sep. 14, 2015	Sep. 13, 2016
Receiver	Agilent	N9038A	MY53290044	Oct. 14, 2015	Oct. 13, 2016
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-563	Dec. 30, 2014	Dec. 29, 2015
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Feb. 03, 2015	Feb. 02, 2016
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 04, 2015	Nov. 03, 2016
Loop Antenna	R&S	HFH2-Z2	11900	Nov. 16, 2015	Nov. 15, 2016
Preamplifier	EMC	EMC02325	980187	Sep. 21, 2015	Sep. 20, 2016
Preamplifier	Agilent	83017A	MY53270014	Sep. 07, 2015	Sep. 06, 2016
Preamplifier	EMC	EMC184045B	980192	Sep. 01, 2015	Aug. 31, 2016
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Feb. 09, 2015	Feb. 08, 2016
RF cable-8M	HUBER+SUHNER	SUCOFLEX104	MY22601/4	Feb. 09, 2015	Feb. 08, 2016
RF cable-1M	HUBER+SUHNER	SUCOFLEX104	MY22624/4	Feb. 09, 2015	Feb. 08, 2016
RF cable-8M	HUBER+SUHNER	SUCOFLEX104	MY22600/4	Feb. 09, 2015	Feb. 08, 2016
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800-001	Feb. 09, 2015	Feb. 08, 2016
LF cable-3M	EMC	EMC8D-NM-NM-3000	131103	Feb. 09, 2015	Feb. 08, 2016
LF cable-13M	EMC	EMC8D-NM-NM-13000	131104	Feb. 09, 2015	Feb. 08, 2016
Radio Communication Analyzer	Anritsu	MT8820C	6201240341	Mar. 19, 2015	Mar. 18, 2016
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101063	Feb. 03, 2015	Feb. 02, 2016
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GTH-150-40-CP-AR-T	MAA1407-012	Aug. 05, 2015	Aug. 04, 2016
Power Meter	Anritsu	ML2495A	1241002	Sep. 21, 2015	Sep. 20, 2016
Power Sensor	Anritsu	MA2411B	1207366	Sep. 21, 2015	Sep. 20, 2016
DC POWER SOURCE	GW INSTEK	GPC-3060D	EM884797	Oct. 20, 2015	Oct. 19, 2016
Radio Communication Analyzer	Anritsu	MT8820C	6201240341	Mar. 19, 2015	Mar. 18, 2016
Measurement Software	Sporton	Sporton_1	1.3.30	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

According to the specification of EUT, the EUT must comply with following standards.

47 CFR FCC Part 22 Subpart H
ANSI C63.4-2003
ANSI / TIA / EIA-603-D -2010
FCC KDB 971168 D01 Power Meas License Digital Systems v02r02
FCC KDB 412172 D01 Determining ERP and EIRP v01r01

1.6 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2).

Measurement Uncertainty	
Parameters	**Uncertainty**
Bandwidth	±34.134 Hz
Conducted power	±0.808 dB
Frequency error	±34.134 Hz
Temperature	±0.6 °C
Conducted emission	±2.670 dB
Radiated emission ≤ 1GHz	±3.62 dB
Radiated emission > 1GHz	±5.60 dB

2 Test Configuration

2.1 Testing Condition and Location Information

Test Item	Test Site	Ambient Condition	Tested By
RF conducted	TH01-WS	22°C / 63%	Felix Sung
Radiated Emissions	03CH03-WS	22°C / 61%	Anderson Hung

- FCC site registration No.: 390588
- IC site registration No.: 10807C-1

2.2 The Worst Test Modes and Channel Details

Test item	Channel Bandwidths	Modulation	Test channel
Effective Radiated Power Conducted Emissions Occupied Bandwidth Peak to Average Ratio	1.4 MHz 3 MHz 5 MHz 10 MHz 15 MHz	QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM	26797 / 26915 / 27033 26805 / 26915 / 27025 26815 / 26915 / 27015 26840 / 26915 / 26990 26865 / 26915 / 26965
Radiated Emission ≤ 1GHz	1.4 MHz 3 MHz 5 MHz 10 MHz 15 MHz	QPSK QPSK QPSK QPSK QPSK	26915 26805 26815 26915 26915
Radiated Emission > 1GHz	1.4 MHz 3 MHz 5 MHz 10 MHz 15 MHz	QPSK QPSK QPSK QPSK QPSK	26797 / 26915 / 27033 26805 / 26915 / 27025 26815 / 26915 / 27015 26840 / 26915 / 26990 26865 / 26915 / 26965
Band Edge	1.4 MHz 3 MHz 5 MHz 10 MHz 15 MHz	QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM QPSK / 16QAM	26797 / 27033 26805 / 27025 26815 / 27015 26840 / 26990 26865 / 26965
Frequency Stability	1.4 MHz 3 MHz 5 MHz 10 MHz 15 MHz	QPSK QPSK QPSK QPSK QPSK	26915 26915 26915 26915 26915

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Z-plane** results were found as the worst case and were shown in this report.
2. The EUT had been tested by following test configurations for spurious emission below 1GHz.
   1) Configuration 1 : Adapter mode
   2) Configuration 2 : Cradle mode

3 Test Results

3.1 Effective Radiated Power

3.1.1 Limit of Effective Radiated Power

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

3.1.2 Test Procedures

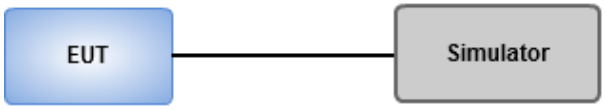
For Conducted power measurement:

1. The EUT links up with simulator and is set to maximum output power level at low / middel / high channel.
2. Measure the output power of low / middle / high channel of the EUT.

For ERP measurement:
EPR can be calculated by below formula from KDB 412172 D01.

1. EIRP = $P_T + G_T - L_C$
   P_T = transmitter output power, in dBm.
   G_T = gain of the transmitting antenna, in dBi (EIRP).
   L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB.
2. ERP = EIRP – 2.15 dB.

3.1.3 Test Setup



3.1.4 Test Result of Conducted Output Power (dBm)

Band / Channel Bandwidth			LTE Band 26 / CB: 1.4MHz		
Channel			26797	26915	27033
Frequency (MHz)			824.7	836.5	848.3
Mode	RB	RB Offset	Maximum AV Power (dBm)		
QPSK	1	0	22.91	**23.01**	22.83
	1	2	22.89	22.52	22.60
	1	5	22.65	22.55	22.51
	3	0	22.81	22.87	22.70
	3	1	22.73	22.86	22.79
	3	2	22.75	22.68	22.76
	6	0	21.77	21.75	21.58
16QAM	1	0	22.22	22.01	21.86
	1	2	21.91	21.84	21.71
	1	5	22.19	21.92	21.72
	3	0	21.96	21.76	21.71
	3	1	21.94	21.75	21.73
	3	2	21.96	21.97	21.81
	6	0	20.51	20.55	20.67

Band / Channel Bandwidth			LTE Band 26 / CB: 3MHz		
Channel			26805	26915	27025
Frequency (MHz)			825.5	836.5	847.5
Mode	RB	RB Offset	Maximum AV Power (dBm)		
QPSK	1	0	**22.87**	22.83	22.80
	1	7	22.65	22.64	22.73
	1	14	22.66	22.74	22.53
	8	0	21.82	21.79	21.65
	8	4	21.77	21.70	21.62
	8	7	21.81	21.62	21.55
	15	0	21.75	21.74	21.61
16QAM	1	0	22.12	22.05	22.07
	1	7	22.04	21.95	21.98
	1	14	21.99	22.03	22.03
	8	0	20.71	20.57	20.55
	8	4	20.52	20.61	20.66
	8	7	20.66	20.51	20.60
	15	0	20.51	20.60	20.50

Band / Channel Bandwidth			LTE Band 26 / CB: 5MHz		
Channel			26815	26915	27015
Frequency (MHz)			826.5	836.5	846.5
Mode	RB	RB Offset	Maximum AV Power (dBm)		
QPSK	1	0	**22.93**	22.60	22.84
	1	12	22.83	22.81	22.67
	1	24	22.86	22.59	22.52
	12	0	21.90	21.73	21.75
	12	6	21.82	21.74	21.69
	12	11	21.79	21.83	21.67
	25	0	21.84	21.72	21.71
16QAM	1	0	22.09	22.15	22.12
	1	12	22.04	21.98	21.87
	1	24	21.97	21.74	21.59
	12	0	20.80	20.72	20.74
	12	6	20.62	20.74	20.60
	12	11	20.72	20.64	20.70
	25	0	20.70	20.65	20.66

Band / Channel Bandwidth			LTE Band 26 / CB: 10MHz		
Channel			26840	26915	26990
Frequency (MHz)			829	836.5	844
Mode	RB	RB Offset	Maximum AV Power (dBm)		
QPSK	1	0	23.01	**23.18**	23.04
	1	24	22.84	22.92	22.78
	1	49	22.80	22.58	22.75
	25	0	21.92	21.90	21.88
	25	12	21.93	21.80	21.66
	25	24	21.89	21.84	21.71
	50	0	21.90	21.79	21.70
16QAM	1	0	21.99	22.18	22.13
	1	24	21.94	21.53	21.88
	1	49	21.97	21.81	21.80
	25	0	20.92	20.89	20.73
	25	12	20.94	20.78	20.74
	25	24	20.91	20.80	20.70
	50	0	20.81	20.73	20.59

Band / Channel Bandwidth			LTE Band 26 / CB: 15MHz		
Channel			26865	26915	26965
Frequency (MHz)			831.5	836.5	841.5
Mode	RB	RB Offset	Maximum AV Power (dBm)		
QPSK	1	0	22.95	**23.02**	22.96
	1	24	22.83	22.68	22.57
	1	49	22.78	22.54	22.56
	25	0	21.94	21.92	21.94
	25	12	21.83	21.84	21.74
	25	24	21.86	21.83	21.70
	50	0	21.81	21.86	21.80
16QAM	1	0	22.09	22.30	22.18
	1	24	21.77	21.52	21.91
	1	49	22.07	22.00	21.92
	25	0	20.79	20.89	20.89
	25	12	20.73	20.67	20.77
	25	24	20.59	20.82	20.58
	50	0	20.87	20.73	20.68

3.1.5 Test Result of Effective Radiated Power (dBm)

Mode	LTE Band 26, CB: 1.4MHz, 1RB, Offset: 0, QPSK						
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
26797	824.7	15.56	38.45	-22.89	-14.01	14.33	3.38
26915	836.5	16.02	38.45	-22.43	-13.66	14.85	3.32
27033	848.3	15.89	38.45	-22.56	-13.89	14.78	3.26

Mode	LTE Band 26, CB: 1.4MHz, 1RB, Offset: 0, 16QAM						
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
26797	824.7	14.71	38.45	-23.74	-14.86	13.48	3.38
26915	836.5	14.90	38.45	-23.55	-14.78	13.73	3.32
27033	848.3	14.83	38.45	-23.62	-14.95	13.72	3.26

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 3MHz, 1RB, Offset: 0, QPSK						
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
26805	825.5	15.55	38.45	-22.9	-14.03	14.33	3.37
26915	836.5	16.06	38.45	-22.39	-13.62	14.89	3.32
27025	847.5	16.01	38.45	-22.44	-13.77	14.90	3.26

Mode	LTE Band 26, CB: 3MHz, 1RB, Offset: 0, 16QAM						
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
26805	825.5	14.69	38.45	-23.76	-14.89	13.47	3.37
26915	836.5	15.22	38.45	-23.23	-14.46	14.05	3.32
27025	847.5	15.36	38.45	-23.09	-14.42	14.25	3.26

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 5MHz, 1RB, Offset: 0, QPSK						
Channel	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
26815	826.5	15.56	38.45	-22.89	-14.03	14.34	3.37
26915	836.5	16.02	38.45	-22.43	-13.66	14.85	3.32
27015	846.5	16.05	38.45	-22.4	-13.72	14.93	3.27

Mode	LTE Band 26, CB: 5MHz, 1RB, Offset: 0, 16QAM						
Channel	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
26815	826.5	14.65	38.45	-23.8	-14.94	13.43	3.37
26915	836.5	15.40	38.45	-23.05	-14.28	14.23	3.32
27015	846.5	15.17	38.45	-23.28	-14.60	14.05	3.27

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 10MHz, 1RB, Offset: 0, QPSK						
Channel	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
26840	829.0	15.71	38.45	-22.74	-13.9	14.50	3.36
26915	836.5	15.99	38.45	-22.46	-13.69	14.82	3.32
26990	844.0	16.01	38.45	-22.44	-13.74	14.88	3.28

Mode	LTE Band 26, CB: 10MHz, 1RB, Offset: 0, 16QAM						
Channel	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
26840	829.0	14.55	38.45	-23.9	-15.06	13.34	3.36
26915	836.5	14.85	38.45	-23.6	-14.83	13.68	3.32
26990	844.0	14.92	38.45	-23.53	-14.83	13.79	3.28

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 15MHz, 1RB, Offset: 0, QPSK						
Channel	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
26865	831.5	15.90	38.45	-22.55	-13.73	14.71	3.34
26915	836.5	**16.19**	38.45	-22.26	-13.49	15.02	3.32
26965	841.5	15.94	38.45	-22.51	-13.78	14.80	3.29

Mode	LTE Band 26, CB: 15MHz, 1RB, Offset: 0, 16QAM						
Channel	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Value (dBm)**	**Correction Factor (dB)**
26865	831.5	14.91	38.45	-23.54	-14.72	13.72	3.34
26915	836.5	15.35	38.45	-23.1	-14.33	14.18	3.32
26965	841.5	15.18	38.45	-23.27	-14.54	14.04	3.29

NOTE: ERP = S.G power value + correction factor - 2.15.

3.2 Radiated Emissions

3.2.1 Limit of Radiated Emissions

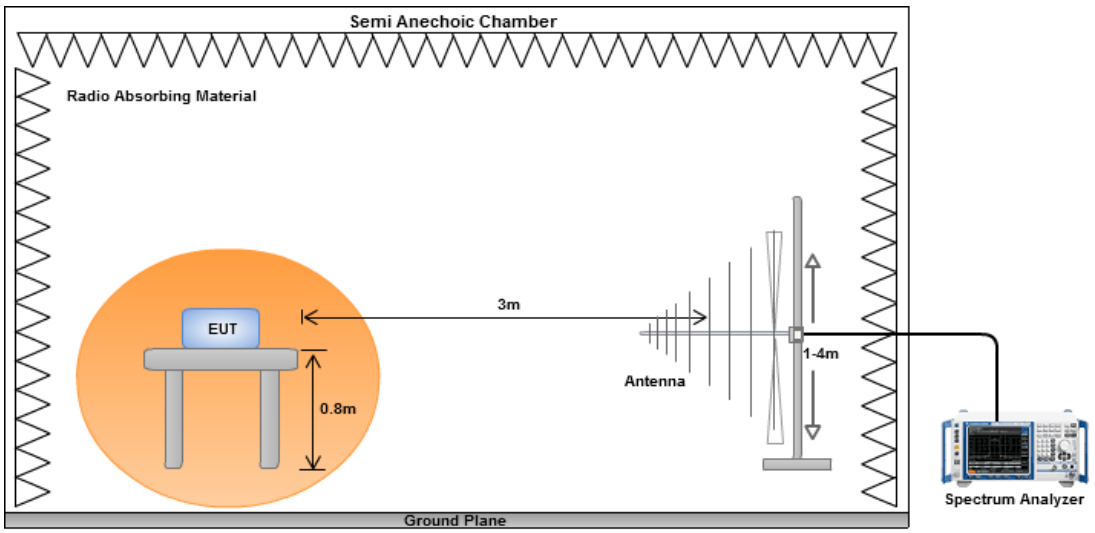
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB equal to -13dBm.

3.2.2 Test Procedures

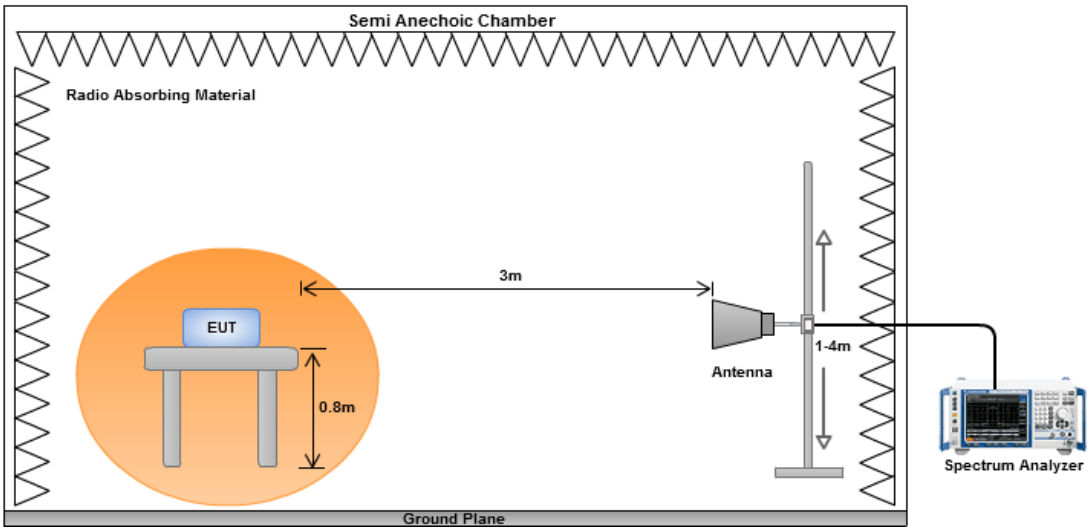
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at a height of 0.8 m test table above the ground plane.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.
4. After finding the max radiated emission, substitution method will be used for getting effective radiated power. EUT will be removed and substitution antenna will be placed at same position. Signal generator will output CW signal to substitution antenna through a RF cable. Rotate turntable and move antenna to find maximum radiated emission. Adjust output power of signal generator to let the maximum radiated emission is same as step 3. Record the output power level.
5. E.I.R.P = output power of step 4 + gain of substitution antenna – cable loss of RF cable. ERP can be calculated by below formula:
   E.R.P = E.I.R.P – 2.15dB.

3.2.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.2.4 Test Result of Radiated Emissions below 1GHz

Mode	LTE Band 26, CB: 1.4MHz, 1RB, Offset 0,Channel: 26915, Adapter mode						
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)
30.00	H	-57.96	-13.00	-44.96	-54.90	-41.60	-14.21
45.52	H	-65.51	-13.00	-52.51	-61.67	-51.72	-11.64
115.36	H	-68.54	-13.00	-55.54	-56.27	-65.80	-0.59
151.25	H	-63.17	-13.00	-50.17	-52.26	-60.04	-0.98
211.39	H	-64.51	-13.00	-51.51	-50.20	-66.85	4.49
251.16	H	-63.83	-13.00	-50.83	-50.67	-66.11	4.43
30.00	V	-53.96	-13.00	-40.96	-42.74	-37.60	-14.21
45.52	V	-57.93	-13.00	-44.93	-46.61	-44.14	-11.64
60.07	V	-62.17	-13.00	-49.17	-49.84	-51.73	-8.29
105.66	V	-62.16	-13.00	-49.16	-50.93	-60.00	-0.01
151.16	V	-61.46	-13.00	-48.46	-53.19	-58.33	-0.98
249.22	V	-64.48	-13.00	-51.48	-56.60	-66.76	4.43

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 1.4MHz, 1RB, Offset 0,Channel: 26915, Cradle mode						
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)
30.00	H	-58.76	-13.00	-45.76	-55.70	-42.40	-14.21
45.52	H	-64.01	-13.00	-51.01	-60.17	-50.22	-11.64
114.39	H	-67.79	-13.00	-54.79	-55.53	-65.11	-0.53
149.31	H	-66.13	-13.00	-53.13	-55.23	-62.90	-1.08
205.57	H	-65.51	-13.00	-52.51	-51.03	-67.86	4.50
242.43	H	-66.09	-13.00	-53.09	-52.68	-68.38	4.44
30.00	V	-53.93	-13.00	-40.93	-42.71	-37.57	-14.21
45.52	V	-57.13	-13.00	-44.13	-45.81	-43.34	-11.64
104.69	V	-55.69	-13.00	-42.69	-44.48	-53.59	0.05
151.16	V	-62.12	-13.00	-49.12	-53.85	-58.99	-0.98
191.99	V	-62.97	-13.00	-49.97	-53.42	-64.43	3.61
240.49	V	-63.93	-13.00	-50.93	-55.70	-66.23	4.45

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 3MHz, 1RB, Offset 0,Channel: 26805, Adapter mode						
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)
30.00	H	-61.76	-13.00	-48.76	-58.70	-45.40	-14.21
59.10	H	-69.45	-13.00	-56.45	-59.86	-58.78	-8.52
143.49	H	-66.96	-13.00	-53.96	-56.09	-63.41	-1.40
217.21	H	-69.62	-13.00	-56.62	-55.48	-71.95	4.48
252.13	H	-68.45	-13.00	-55.45	-55.32	-70.72	4.42
308.39	H	-72.82	-13.00	-59.82	-61.59	-74.96	4.29
30.00	V	-53.22	-13.00	-40.22	-42.00	-36.86	-14.21
45.52	V	-57.26	-13.00	-44.26	-45.94	-43.47	-11.64
59.10	V	-60.53	-13.00	-47.53	-48.07	-49.86	-8.52
105.66	V	-60.56	-13.00	-47.56	-49.33	-58.40	-0.01
154.16	V	-61.69	-13.00	-48.69	-53.42	-58.72	-0.82
243.40	V	-64.45	-13.00	-51.45	-56.34	-66.74	4.44

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 3MHz, 1RB, Offset 0,Channel: 26805, Cradle mode						
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)
30.00	H	-59.02	-13.00	-46.02	-55.96	-42.66	-14.21
45.52	H	-64.01	-13.00	-51.01	-60.17	-50.22	-11.64
117.30	H	-67.25	-13.00	-54.25	-54.97	-64.39	-0.71
149.31	H	-59.49	-13.00	-46.49	-48.59	-56.26	-1.08
205.57	H	-65.60	-13.00	-52.60	-51.12	-67.95	4.50
242.43	H	-65.95	-13.00	-52.95	-52.54	-68.24	4.44
30.00	V	-53.83	-13.00	-40.83	-42.61	-37.47	-14.21
45.52	V	-57.69	-13.00	-44.69	-46.37	-43.90	-11.64
105.66	V	-59.27	-13.00	-46.27	-48.04	-57.11	-0.01
154.16	V	-61.92	-13.00	-48.92	-53.65	-58.95	-0.82
202.66	V	-63.71	-13.00	-50.71	-53.96	-66.07	4.51
242.43	V	-64.03	-13.00	-51.03	-55.88	-66.32	4.44

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 5MHz, 1RB, Offset 0,Channel: 26815, Adapter mode						
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)
30.00	H	-58.92	-13.00	-45.92	-55.86	-42.56	-14.21
69.77	H	-63.89	-13.00	-50.89	-51.63	-56.55	-5.19
149.31	H	-63.54	-13.00	-50.54	-52.64	-60.31	-1.08
212.36	H	-64.29	-13.00	-51.29	-50.01	-66.63	4.49
251.16	H	-61.96	-13.00	-48.96	-48.80	-64.24	4.43
317.12	H	-69.03	-13.00	-56.03	-58.28	-71.19	4.31
30.00	V	-53.93	-13.00	-40.93	-42.71	-37.57	-14.21
45.52	V	-57.25	-13.00	-44.25	-45.93	-43.46	-11.64
60.07	V	-60.59	-13.00	-47.59	-48.26	-50.15	-8.29
104.69	V	-60.84	-13.00	-47.84	-49.63	-58.74	0.05
154.16	V	-62.60	-13.00	-49.60	-54.33	-59.63	-0.82
176.47	V	-62.57	-13.00	-49.57	-53.72	-62.20	1.78

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 5MHz, 1RB, Offset 0,Channel: 26815, Cradle mode						
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)
30.00	H	-58.24	-13.00	-45.24	-55.18	-41.88	-14.21
45.52	H	-63.26	-13.00	-50.26	-59.42	-49.47	-11.64
110.51	H	-67.74	-13.00	-54.74	-55.49	-65.29	-0.30
145.43	H	-65.00	-13.00	-52.00	-54.11	-61.56	-1.29
204.60	H	-65.73	-13.00	-52.73	-51.22	-68.08	4.50
243.40	H	-66.63	-13.00	-53.63	-53.24	-68.92	4.44
30.00	V	-53.57	-13.00	-40.57	-42.35	-37.21	-14.21
45.52	V	-57.22	-13.00	-44.22	-45.90	-43.43	-11.64
104.69	V	-55.80	-13.00	-42.80	-44.59	-53.70	0.05
151.25	V	-62.24	-13.00	-49.24	-53.75	-59.11	-0.98
201.69	V	-64.30	-13.00	-51.30	-54.51	-66.66	4.51
241.46	V	-63.79	-13.00	-50.79	-55.60	-66.08	4.44

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 10MHz, 1RB, Offset 0,Channel: 26915, Adapter mode						
Frequency (MHz)	**Antenna Polarity**	**E.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Vaule (dBm)**	**Correction Factor (dB)**
30.00	H	-56.49	-13.00	-43.49	-53.43	-40.13	-14.21
45.52	H	-64.49	-13.00	-51.49	-60.65	-50.70	-11.64
113.42	H	-68.58	-13.00	-55.58	-56.32	-65.95	-0.48
146.40	H	-62.81	-13.00	-49.81	-51.93	-59.42	-1.24
215.27	H	-64.36	-13.00	-51.36	-50.16	-66.70	4.49
249.22	H	-63.27	-13.00	-50.27	-50.05	-65.55	4.43
30.00	V	-53.15	-13.00	-40.15	-41.93	-36.79	-14.21
45.52	V	-57.28	-13.00	-44.28	-45.96	-43.49	-11.64
59.10	V	-60.74	-13.00	-47.74	-48.28	-50.07	-8.52
105.66	V	-61.38	-13.00	-48.38	-50.15	-59.22	-0.01
159.01	V	-60.84	-13.00	-47.84	-52.95	-58.14	-0.55
248.25	V	-63.84	-13.00	-50.84	-55.92	-66.12	4.43

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 10MHz, 1RB, Offset 0,Channel: 26915, Cradle mode						
Frequency (MHz)	**Antenna Polarity**	**E.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Vaule (dBm)**	**Correction Factor (dB)**
30.00	H	-59.34	-13.00	-46.34	-56.28	-42.98	-14.21
41.64	H	-63.82	-13.00	-50.82	-60.26	-49.48	-12.19
115.36	H	-67.96	-13.00	-54.96	-55.69	-65.22	-0.59
145.43	H	-65.71	-13.00	-52.71	-54.82	-62.27	-1.29
205.57	H	-66.02	-13.00	-53.02	-51.54	-68.37	4.50
258.92	H	-66.46	-13.00	-53.46	-53.53	-68.71	4.40
30.00	V	-53.45	-13.00	-40.45	-42.23	-37.09	-14.21
45.52	V	-57.53	-13.00	-44.53	-46.21	-43.74	-11.64
102.75	V	-55.48	-13.00	-42.48	-44.28	-53.50	0.17
152.22	V	-62.24	-13.00	-49.24	-53.83	-59.17	-0.92
199.75	V	-64.15	-13.00	-51.15	-54.30	-66.48	4.48
243.40	V	-63.46	-13.00	-50.46	-55.35	-65.75	4.44

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 15MHz, 1RB, Offset 0,Channel: 26915, Adapter mode						
Frequency (MHz)	**Antenna Polarity**	**E.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Vaule (dBm)**	**Correction Factor (dB)**
30.00	H	-57.75	-13.00	-44.75	-54.69	-41.39	-14.21
41.64	H	-65.35	-13.00	-52.35	-61.79	-51.01	-12.19
151.25	H	-63.30	-13.00	-50.30	-52.39	-60.17	-0.98
215.27	H	-64.27	-13.00	-51.27	-50.07	-66.61	4.49
251.16	H	-63.27	-13.00	-50.27	-50.11	-65.55	4.43
321.97	H	-68.32	-13.00	-55.32	-57.84	-70.50	4.33
30.00	V	-53.91	-13.00	-40.91	-42.69	-37.55	-14.21
45.52	V	-57.29	-13.00	-44.29	-45.97	-43.50	-11.64
59.10	V	-60.32	-13.00	-47.32	-47.86	-49.65	-8.52
104.69	V	-60.76	-13.00	-47.76	-49.55	-58.66	0.05
151.25	V	-61.85	-13.00	-48.85	-53.36	-58.72	-0.98
245.34	V	-64.39	-13.00	-51.39	-56.36	-66.68	4.44

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 15MHz, 1RB, Offset 0,Channel: 26915, Cradle mode						
Frequency (MHz)	**Antenna Polarity**	**E.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Vaule (dBm)**	**Correction Factor (dB)**
30.00	H	-58.49	-13.00	-45.49	-55.43	-42.13	-14.21
38.73	H	-63.41	-13.00	-50.41	-59.50	-48.64	-12.62
114.39	H	-66.71	-13.00	-53.71	-54.45	-64.03	-0.53
148.34	H	-62.36	-13.00	-49.36	-51.47	-59.07	-1.14
205.57	H	-66.52	-13.00	-53.52	-52.04	-68.87	4.50
263.77	H	-66.46	-13.00	-53.46	-53.67	-68.70	4.39
30.00	V	-54.06	-13.00	-41.06	-42.84	-37.70	-14.21
46.49	V	-57.69	-13.00	-44.69	-46.04	-44.10	-11.44
104.69	V	-58.38	-13.00	-45.38	-47.17	-56.28	0.05
154.16	V	-61.81	-13.00	-48.81	-53.54	-58.84	-0.82
202.66	V	-64.17	-13.00	-51.17	-54.42	-66.53	4.51
242.43	V	-63.44	-13.00	-50.44	-55.29	-65.73	4.44

NOTE: ERP = S.G power value + correction factor - 2.15.

3.2.5 Test Result of Radiated Emissions above 1GHz

Mode	LTE Band 26, CB: 1.4MHz, 1RB, Offset 0, Channel:26797						
Frequency (MHz)	**Antenna Polarity**	**E.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Vaule (dBm)**	**Correction Factor (dB)**
1648.60	H	-58.88	-13.00	-45.88	-60.21	-61.90	5.17
2472.90	H	-55.73	-13.00	-42.73	-61.90	-59.89	6.31
3297.20	H	-50.12	-13.00	-37.12	-59.01	-54.69	6.72
1648.60	V	-51.00	-13.00	-38.00	-51.72	-54.02	5.17
2472.90	V	-56.02	-13.00	-43.02	-62.93	-60.18	6.31
3297.20	V	-56.80	-13.00	-43.80	-65.28	-61.37	6.72

Mode	LTE Band 26, CB: 1.4MHz, 1RB, Offset 0, Channel:26915						
Frequency (MHz)	**Antenna Polarity**	**E.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Vaule (dBm)**	**Correction Factor (dB)**
1672.10	H	-59.63	-13.00	-46.63	-61.09	-62.70	5.22
2508.15	H	-56.30	-13.00	-43.30	-62.56	-60.47	6.32
3344.20	H	-49.51	-13.00	-36.51	-58.15	-54.14	6.78
1672.10	V	-51.64	-13.00	-38.64	-52.45	-54.71	5.22
2508.15	V	-54.34	-13.00	-41.34	-61.32	-58.51	6.32
3344.20	V	-51.74	-13.00	-38.74	-60.19	-56.37	6.78

Mode	LTE Band 26, CB: 1.4MHz, 1RB, Offset 0, Channel:27033						
Frequency (MHz)	**Antenna Polarity.**	**E.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Vaule (dBm)**	**Correction Factor (dB)**
1695.70	H	-58.77	-13.00	-45.77	-60.35	-61.90	5.28
2543.55	H	-57.06	-13.00	-44.06	-63.40	-61.25	6.34
3391.40	H	-55.88	-13.00	-42.88	-64.28	-60.56	6.83
1695.70	V	-46.56	-13.00	-33.56	-47.45	-49.69	5.28
2543.55	V	-56.59	-13.00	-43.59	-63.62	-60.78	6.34
3391.40	V	-56.07	-13.00	-43.07	-64.50	-60.75	6.83

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 3MHz, 1RB, Offset 0, Channel: 26805						
Frequency (MHz)	**Antenna Polarity**	**E.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Vaule (dBm)**	**Correction Factor (dB)**
1648.50	H	-59.51	-13.00	-46.51	-60.84	-62.53	5.17
2472.75	H	-55.50	-13.00	-42.50	-61.67	-59.66	6.31
3297.00	H	-55.31	-13.00	-42.31	-64.20	-59.88	6.72
1648.50	V	-52.52	-13.00	-39.52	-53.24	-55.54	5.17
2472.75	V	-55.90	-13.00	-42.90	-62.81	-60.06	6.31
3297.00	V	-55.72	-13.00	-42.72	-64.20	-60.29	6.72

Mode	LTE Band 26, CB: 3MHz, 1RB, Offset 0, Channel: 26915						
Frequency (MHz)	**Antenna Polarity**	**E.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Vaule (dBm)**	**Correction Factor (dB)**
1670.48	H	-59.13	-13.00	-46.13	-60.58	-62.20	5.22
2505.72	H	-55.74	-13.00	-42.74	-61.99	-59.91	6.32
3340.96	H	-55.24	-13.00	-42.24	-63.90	-59.86	6.77
1670.48	V	-53.98	-13.00	-40.98	-54.79	-57.05	5.22
2505.72	V	-56.17	-13.00	-43.17	-63.14	-60.34	6.32
3340.96	V	-55.78	-13.00	-42.78	-64.24	-60.40	6.77

Mode	LTE Band 26, CB: 3MHz, 1RB, Offset 0, Channel: 27025						
Frequency (MHz)	**Antenna Polarity.**	**E.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Vaule (dBm)**	**Correction Factor (dB)**
1692.48	H	-58.08	-13.00	-45.08	-59.65	-61.20	5.27
2538.72	H	-56.42	-13.00	-43.42	-62.75	-60.61	6.34
3384.96	H	-55.99	-13.00	-42.99	-64.41	-60.66	6.82
1692.48	V	-46.98	-13.00	-33.98	-47.86	-50.10	5.27
2538.72	V	-56.06	-13.00	-43.06	-63.08	-60.25	6.34
3384.96	V	-55.63	-13.00	-42.63	-64.05	-60.30	6.82

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 5MHz, 1RB, Offset 0, Channel: 26815						
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)
1648.70	H	-58.89	-13.00	-45.89	-60.22	-61.91	5.17
2473.05	H	-55.88	-13.00	-42.88	-62.05	-60.04	6.31
3297.40	H	-55.32	-13.00	-42.32	-64.20	-59.89	6.72
1648.70	V	-52.43	-13.00	-39.43	-53.15	-55.45	5.17
2473.05	V	-56.00	-13.00	-43.00	-62.91	-60.16	6.31
3297.40	V	-55.96	-13.00	-42.96	-64.44	-60.53	6.72

Mode	LTE Band 26, CB: 5MHz, 1RB, Offset 0, Channel: 26915						
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)
1668.70	H	-60.03	-13.00	-47.03	-61.47	-63.09	5.21
2503.05	H	-55.31	-13.00	-42.31	-61.56	-59.48	6.32
3337.40	H	-55.03	-13.00	-42.03	-63.70	-59.65	6.77
1668.70	V	-53.38	-13.00	-40.38	-54.17	-56.44	5.21
2503.05	V	-55.73	-13.00	-42.73	-62.70	-59.90	6.32
3337.40	V	-55.12	-13.00	-42.12	-63.57	-59.74	6.77

Mode	LTE Band 26, CB: 5MHz, 1RB, Offset 0, Channel: 27015						
Frequency (MHz)	Antenna Polarity.	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)
1688.70	H	-57.65	-13.00	-44.65	-59.20	-60.76	5.26
2533.05	H	-56.52	-13.00	-43.52	-62.84	-60.70	6.33
3377.40	H	-55.57	-13.00	-42.57	-64.04	-60.23	6.81
1688.70	V	-46.35	-13.00	-33.35	-47.21	-49.46	5.26
2533.05	V	-56.24	-13.00	-43.24	-63.26	-60.42	6.33
3377.40	V	-55.83	-13.00	-42.83	-64.26	-60.49	6.81

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 10MHz, 1RB, Offset 0, Channel: 26840						
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)
1649.20	H	-58.69	-13.00	-45.69	-60.02	-61.71	5.17
2473.80	H	-55.50	-13.00	-42.50	-61.67	-59.66	6.31
3298.40	H	-55.09	-13.00	-42.09	-63.97	-59.66	6.72
1649.20	V	-51.94	-13.00	-38.94	-52.67	-54.96	5.17
2473.80	V	-56.03	-13.00	-43.03	-62.94	-60.19	6.31
3298.40	V	-55.88	-13.00	-42.88	-64.36	-60.45	6.72

Mode	LTE Band 26, CB: 10MHz, 1RB, Offset 0, Channel: 26915						
Frequency (MHz)	Antenna Polarity	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)
1664.20	H	-60.24	-13.00	-47.24	-61.66	-63.29	5.20
2496.30	H	-56.86	-13.00	-43.86	-63.09	-61.03	6.32
3328.40	H	-55.17	-13.00	-42.17	-63.89	-59.78	6.76
1664.20	V	-52.45	-13.00	-39.45	-53.24	-55.50	5.20
2496.30	V	-56.01	-13.00	-43.01	-62.97	-60.18	6.32
3328.40	V	-55.73	-13.00	-42.73	-64.19	-60.34	6.76

Mode	LTE Band 26, CB: 10MHz, 1RB, Offset 0, Channel: 26990						
Frequency (MHz)	Antenna Polarity.	E.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)
1679.18	H	-56.98	-13.00	-43.98	-58.48	-60.07	5.24
2518.77	H	-57.42	-13.00	-44.42	-53.71	-61.60	6.33
3358.36	H	-55.28	-13.00	-42.28	-63.84	-59.92	6.79
1679.18	V	-46.50	-13.00	-33.50	-47.33	-49.59	5.24
2518.77	V	-56.50	-13.00	-43.50	-63.50	-60.68	6.33
3358.36	V	-55.56	-13.00	-42.56	-64.00	-60.20	6.79

NOTE: ERP = S.G power value + correction factor - 2.15.

Mode	LTE Band 26, CB: 15MHz, 1RB, Offset 0, Channel: 26865						
Frequency (MHz)	**Antenna Polarity**	**E.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Vaule (dBm)**	**Correction Factor (dB)**
1649.70	H	-58.71	-13.00	-45.71	-60.05	-61.73	5.17
2474.55	H	-57.39	-13.00	-44.39	-63.56	-61.55	6.31
3299.40	H	-55.76	-13.00	-42.76	-64.63	-60.33	6.72
1649.70	V	-52.15	-13.00	-39.15	-52.89	-55.17	5.17
2474.55	V	-56.35	-13.00	-43.35	-63.26	-60.51	6.31
3299.40	V	-55.95	-13.00	-42.95	-64.43	-60.52	6.72

Mode	LTE Band 26, CB: 15MHz, 1RB, Offset 0, Channel: 26915						
Frequency (MHz)	**Antenna Polarity**	**E.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Vaule (dBm)**	**Correction Factor (dB)**
1659.70	H	-59.62	-13.00	-46.62	-61.01	-62.66	5.19
2489.55	H	-57.39	-13.00	-44.39	-63.60	-61.56	6.32
3319.40	H	-55.48	-13.00	-42.48	-64.25	-60.08	6.75
1659.70	V	-51.48	-13.00	-38.48	-52.25	-54.52	5.19
2489.55	V	-56.46	-13.00	-43.46	-63.40	-60.63	6.32
3319.40	V	-55.60	-13.00	-42.60	-64.07	-60.20	6.75

Mode	LTE Band 26, CB: 15MHz, 1RB, Offset 0, Channel: 26965						
Frequency (MHz)	**Antenna Polarity.**	**E.R.P (dBm)**	**Limit (dBm)**	**Margin (dB)**	**S.A Reading (dBm)**	**S.G Power Vaule (dBm)**	**Correction Factor (dB)**
1669.70	H	-60.14	-13.00	-47.14	-61.58	-63.21	5.22
2504.55	H	-55.75	-13.00	-42.75	-62.00	-59.92	6.32
3339.40	H	-54.98	-13.00	-41.98	-63.65	-59.60	6.77
1669.70	V	-53.86	-13.00	-40.86	-54.66	-56.93	5.22
2504.55	V	-56.42	-13.00	-43.42	-63.39	-60.59	6.32
3339.40	V	-55.50	-13.00	-42.50	-63.96	-60.12	6.77

NOTE: ERP = S.G power value + correction factor - 2.15.

3.3 Conducted Emissions

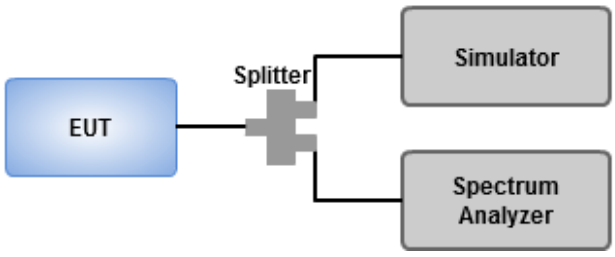
3.3.1 Limit of Conducted Emissions

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 equal to -13dBm.

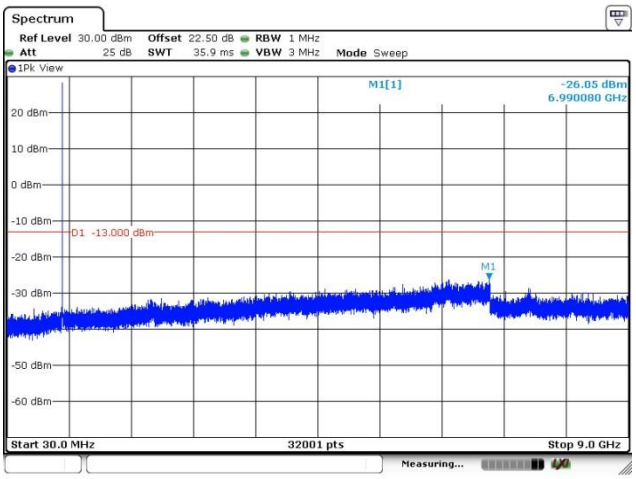
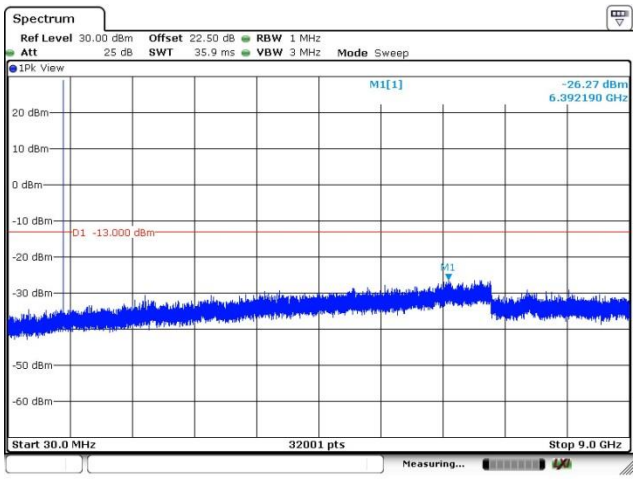
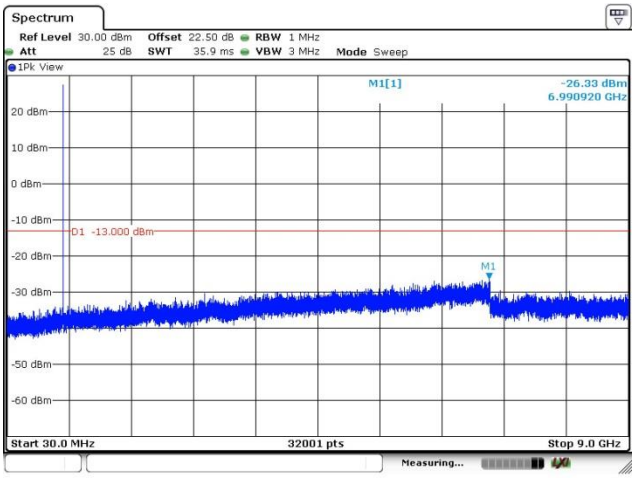
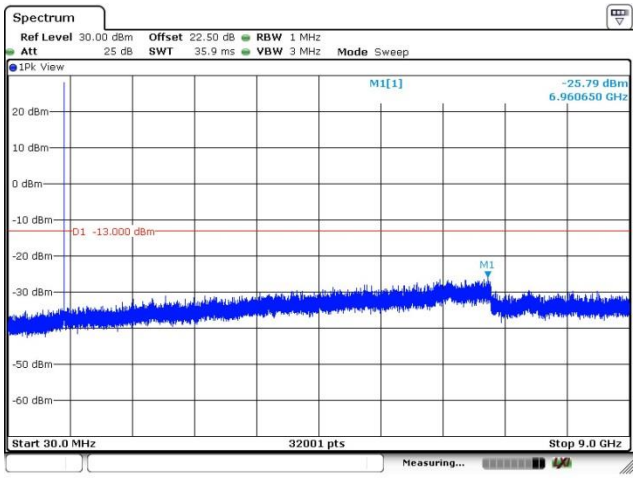
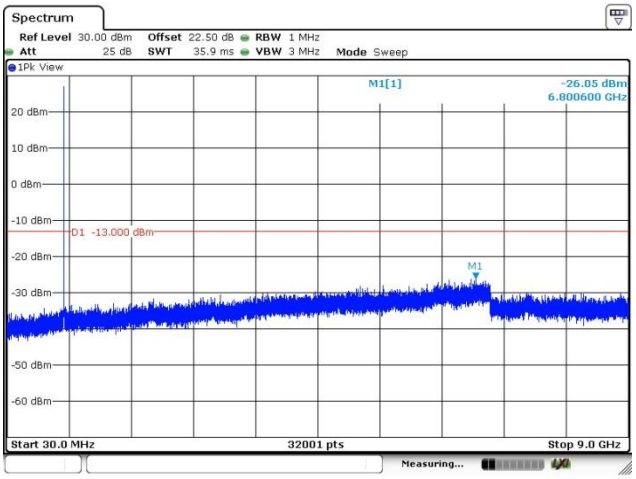
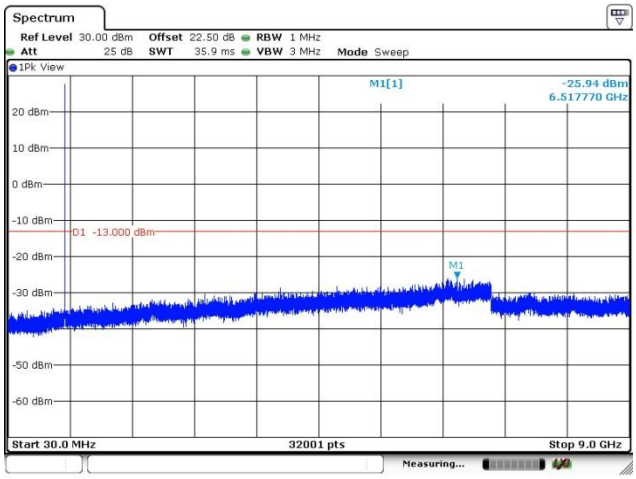
3.3.2 Test Procedures

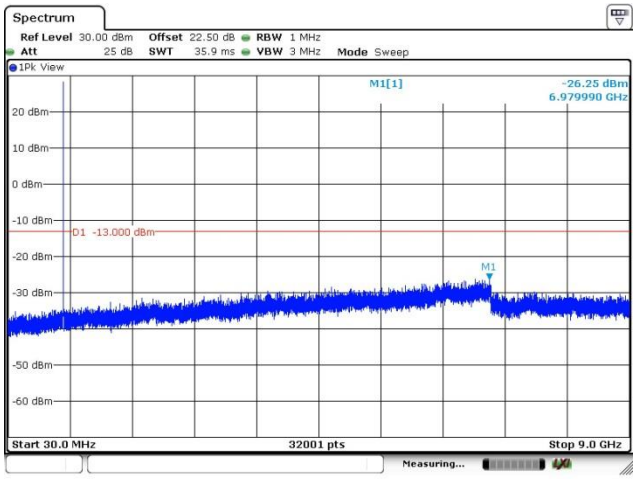
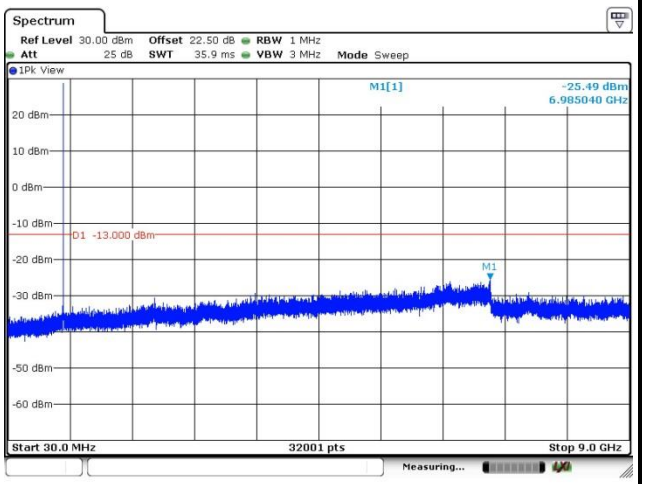
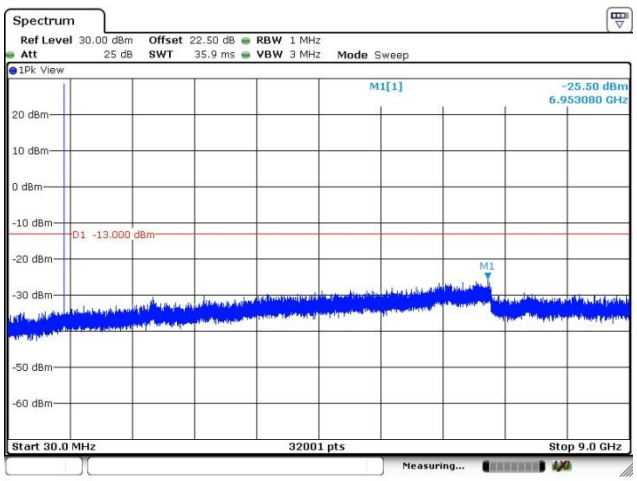
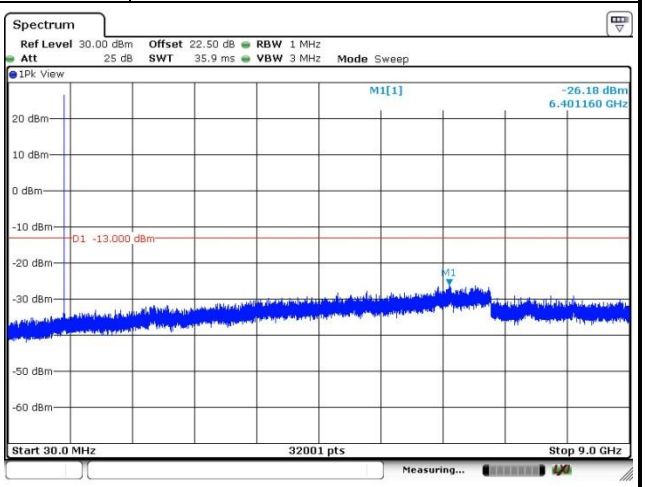
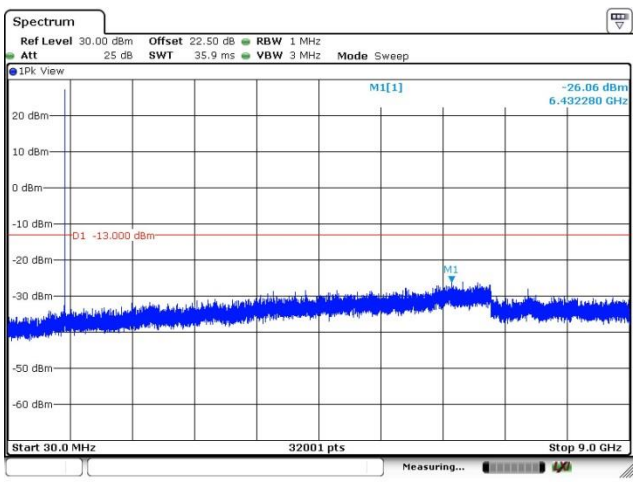
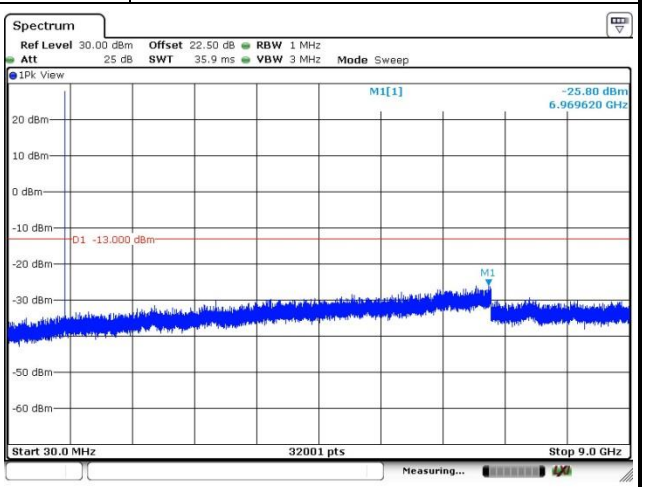
1. Lowest, middle and highest operating channels are tested for this item.
2. Scan frequency range is from 30 MHz ~ 9 GHz.
3. Set RBW = 1MHz, VBW = 3MHz, detector = RMS, sweep time = auto.
4. Record the max trace value and capture the test plot of each sub frequency band.

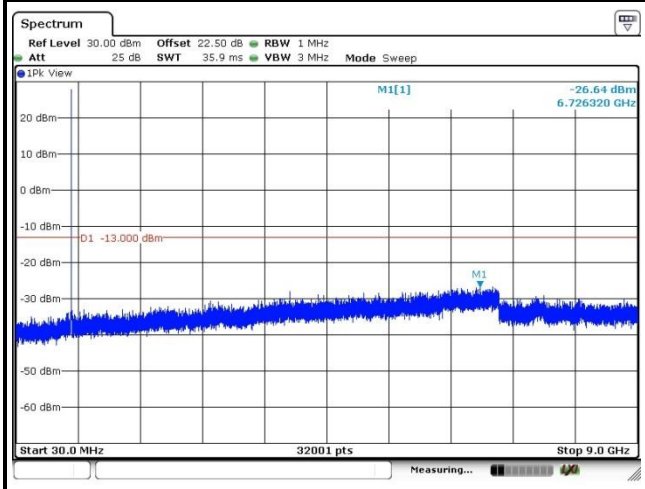
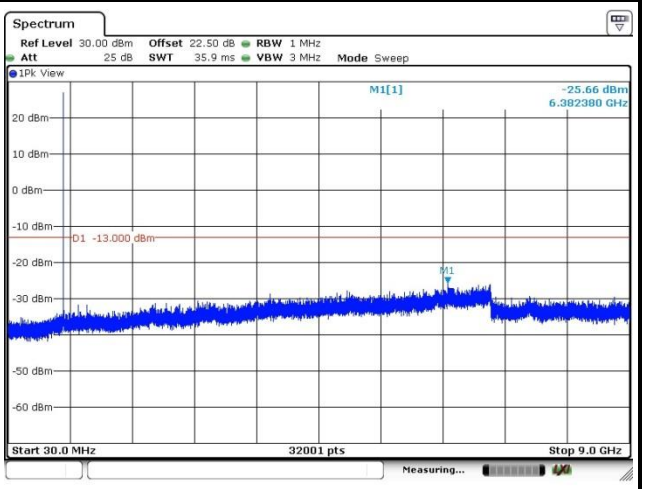
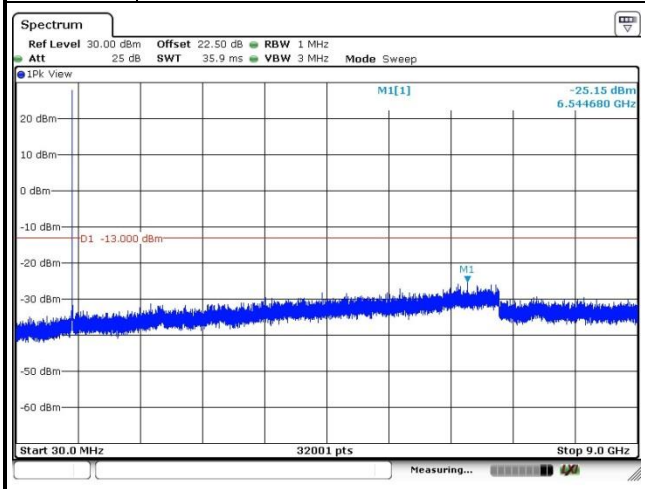
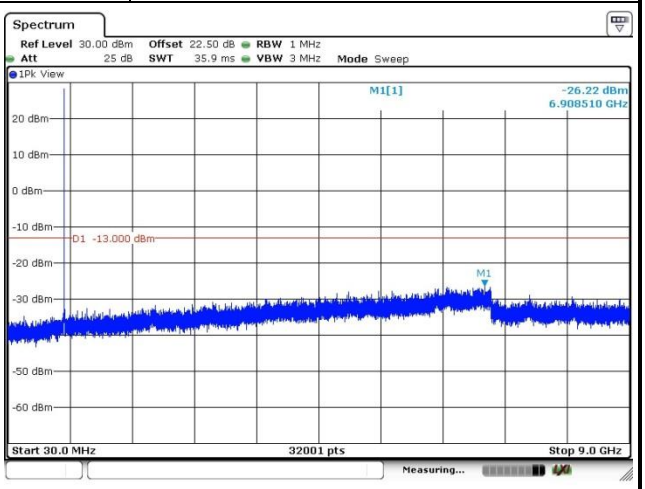
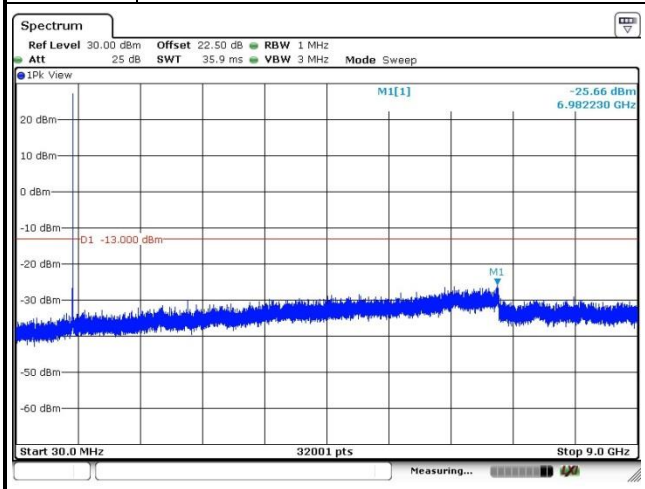
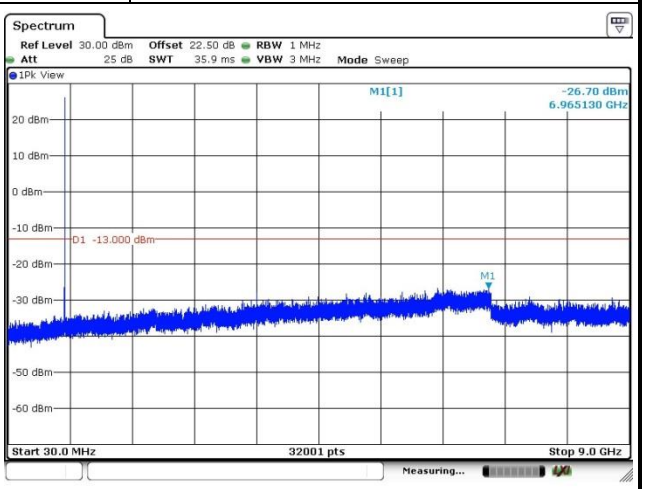
3.3.3 Test Setup

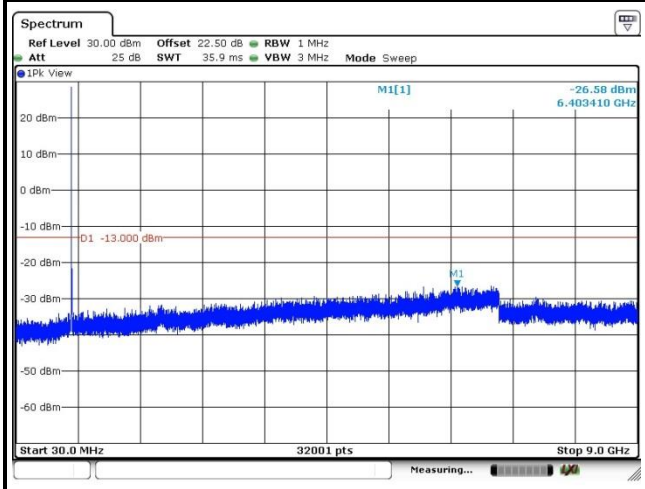
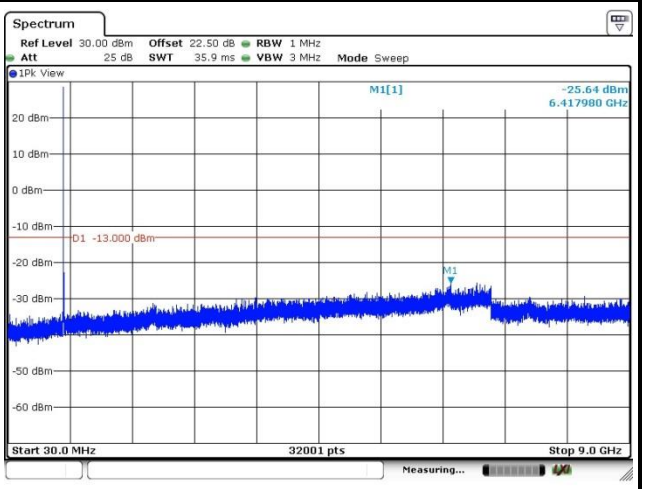
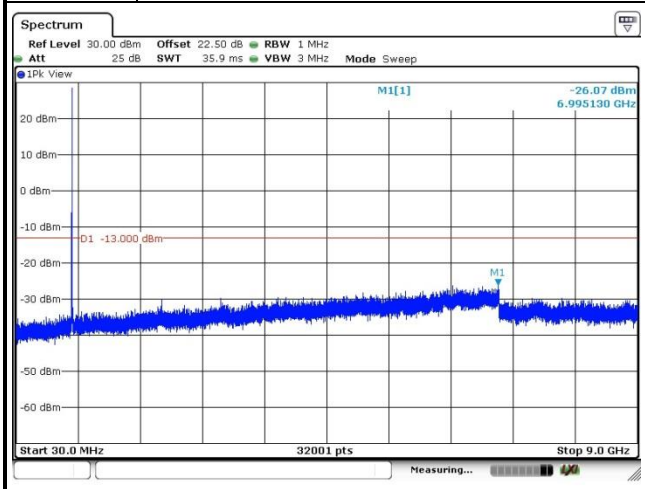
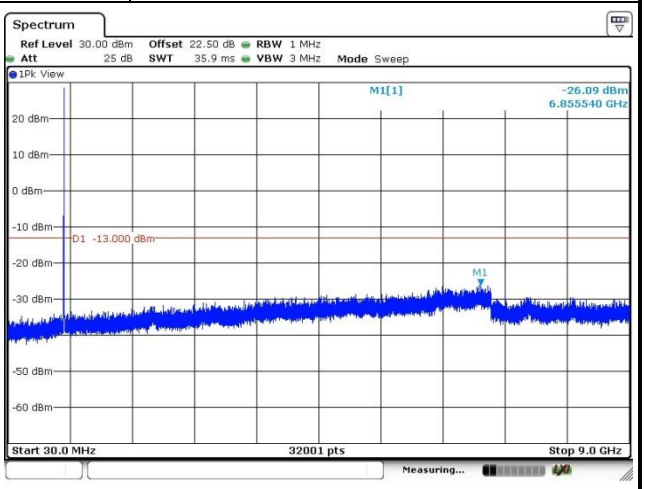
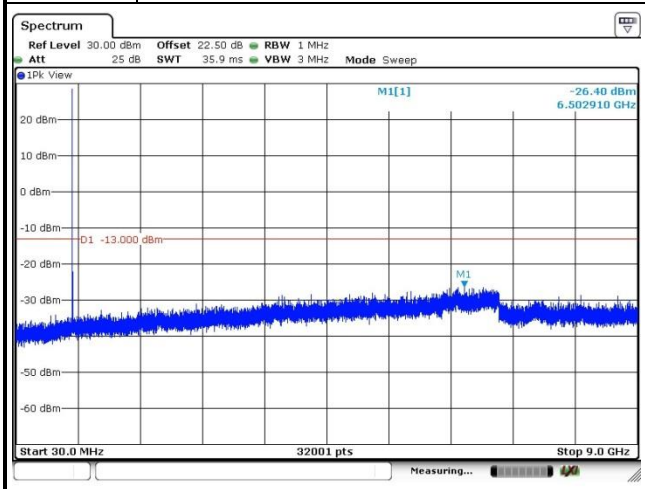
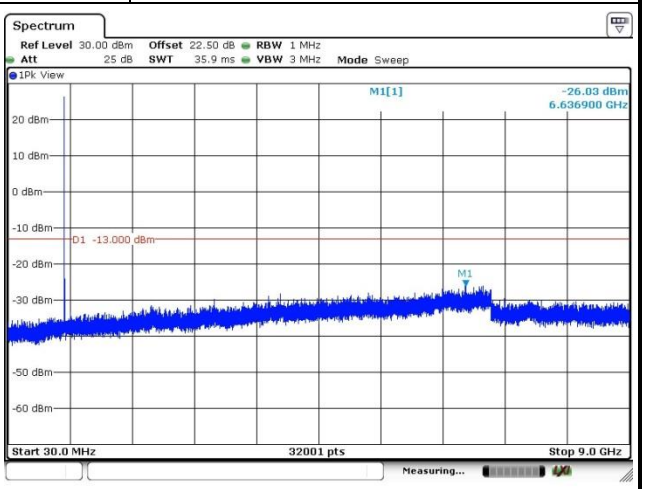


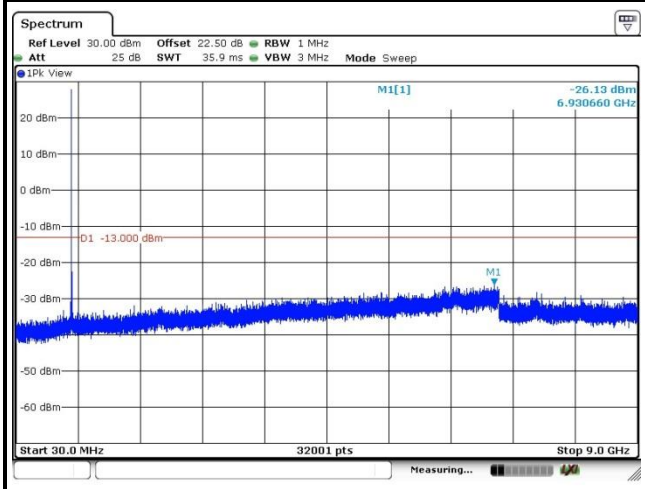
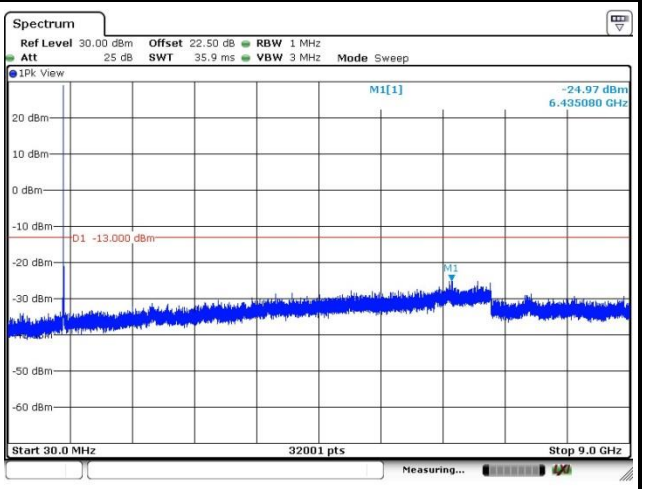
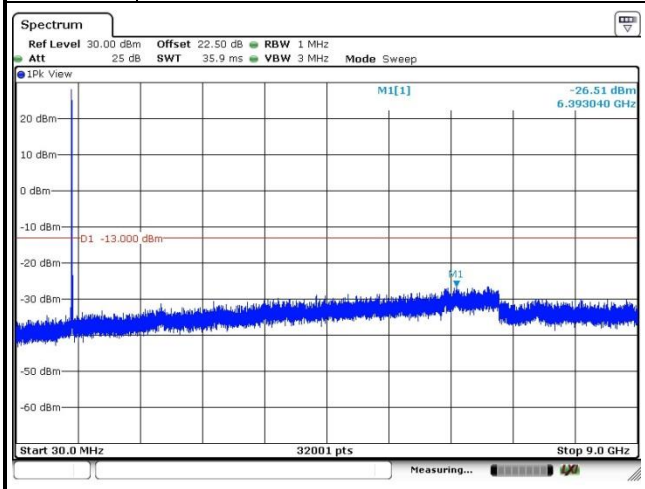
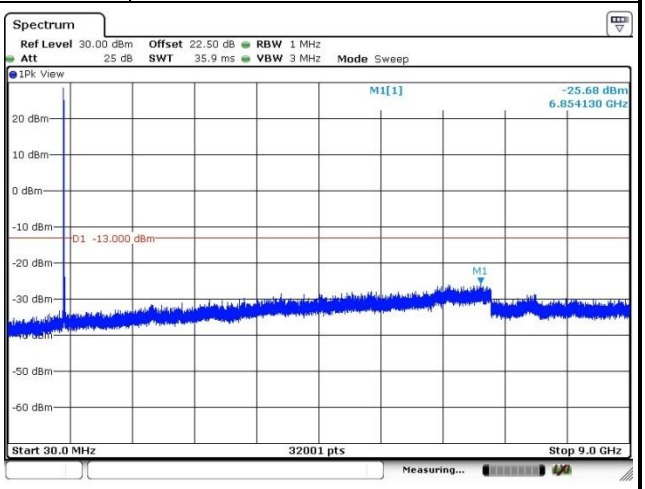
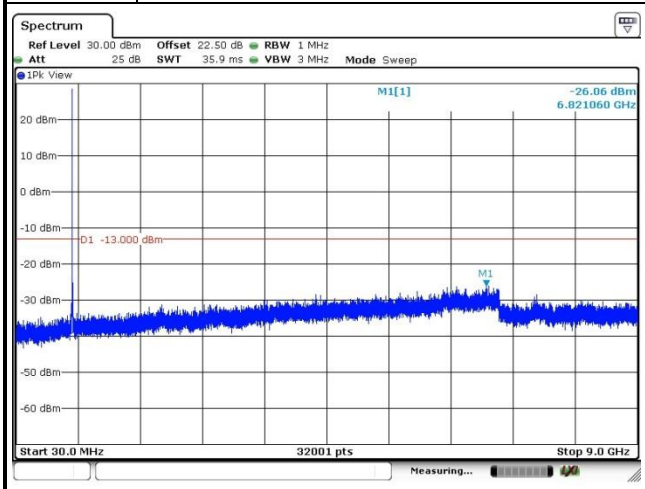
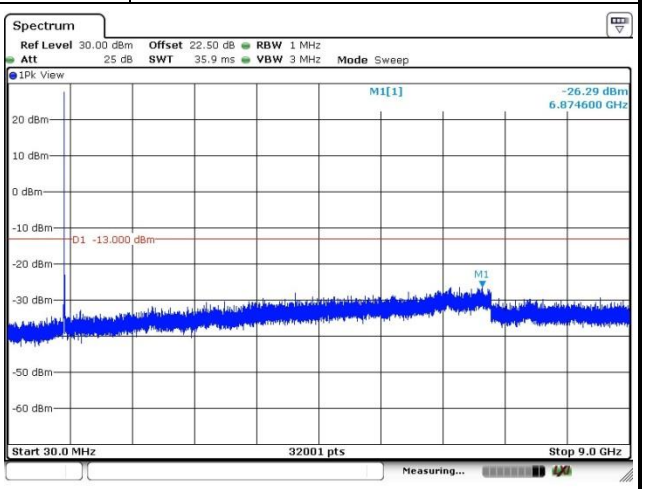
3.3.4 Test Result of Conducted Emissions

Mode	LTE Band 26, CB: 1.4MHz, QPSK	**Mode**	LTE Band 26, CB: 1.4MHz, 16QAM
Channel	Low	Channel	Low
			
Channel	Middle	Channel	Middle
			
Channel	High	Channel	High
			

Mode	LTE Band 26, CB: 3MHz, QPSK	Mode	LTE Band 26, CB: 3MHz, 16QAM
Channel	Low	Channel	Low
			
Channel	Middle	Channel	Middle
			
Channel	High	Channel	High
			

Mode	LTE Band 26, CB: 5MHz, QPSK	Mode	LTE Band 26, CB: 5MHz, 16QAM
Channel	Low	Channel	Low
			
Channel	Middle	Channel	Middle
			
Channel	High	Channel	High
			

Mode	LTE Band 26, CB: 10MHz, QPSK	Mode	LTE Band 26, CB: 10MHz, 16QAM
Channel	Low	Channel	Low
			
Channel	Middle	Channel	Middle
			
Channel	High	Channel	High
			

Mode	LTE Band 26, CB: 15MHz, QPSK	Mode	LTE Band 26, CB: 15MHz, 16QAM
Channel	Low	Channel	Low
			
Channel	Middle	Channel	Middle
			
Channel	High	Channel	High
			

3.4 Band Edge

3.4.1 Limit of Band Edge

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 equal to -13dBm.

3.4.2 Test Procedures

For out-of band emission except emission within 1MHz band immediately outside and adjacent to the edge

1 Lowest and highest operating channels are tested for this item.

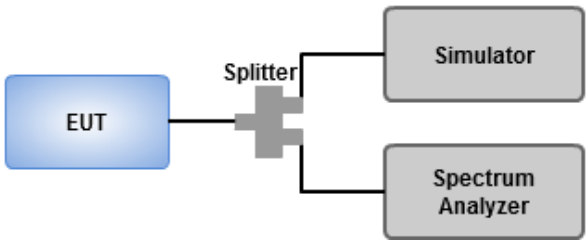
2 Set RBW = 100 kHz, VBW = 300 kHz detector = RMS, sweep time = auto to measure trace.

For emission within 1MHz band immediately outside and adjacent to the edge

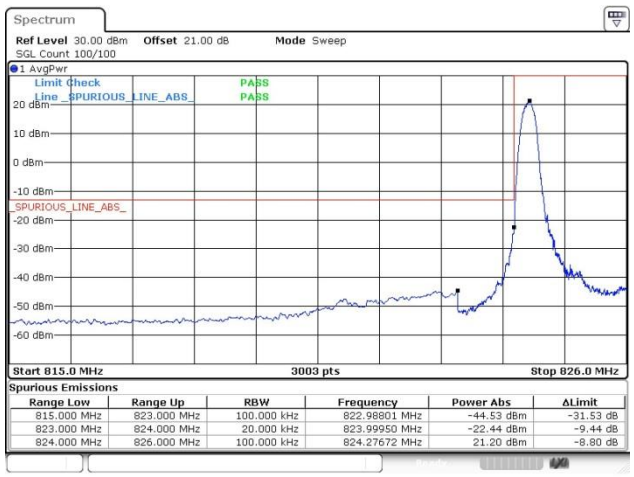
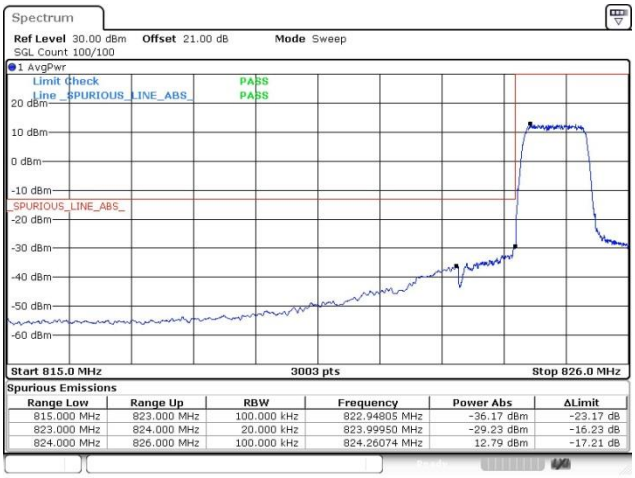
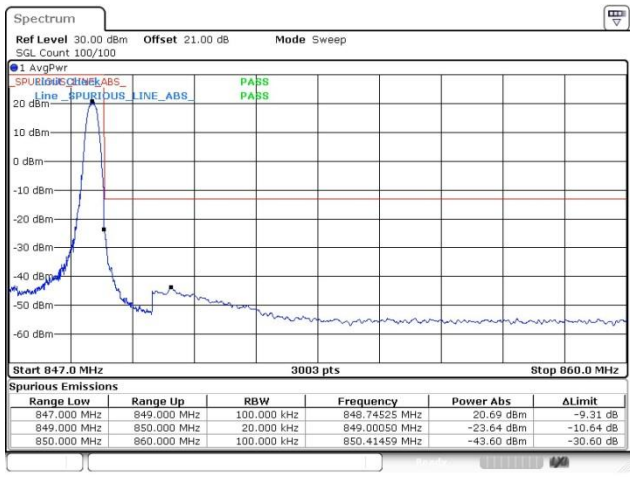
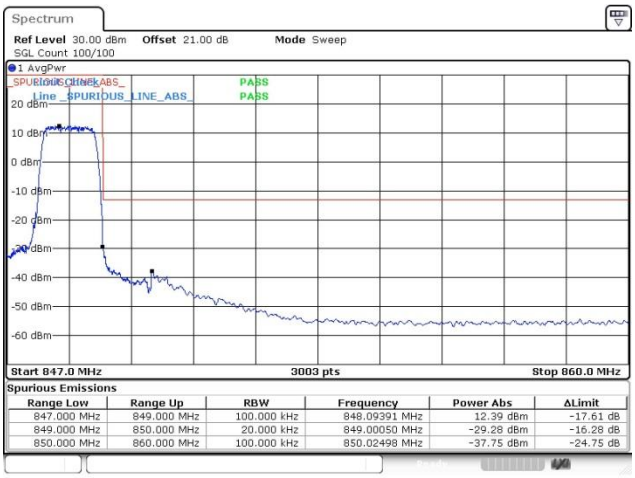
1 Lowest and highest operating channels are tested for this item.

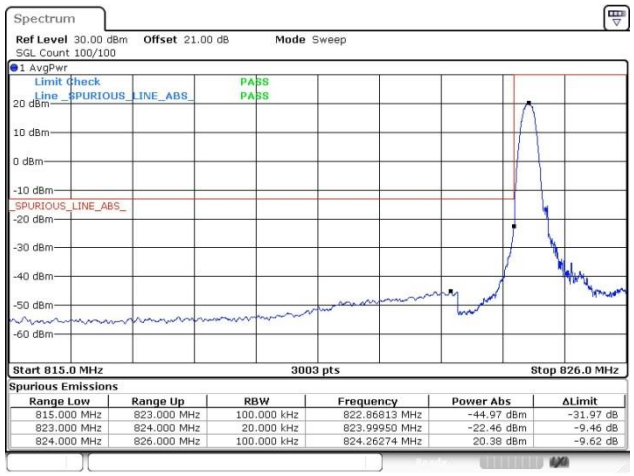
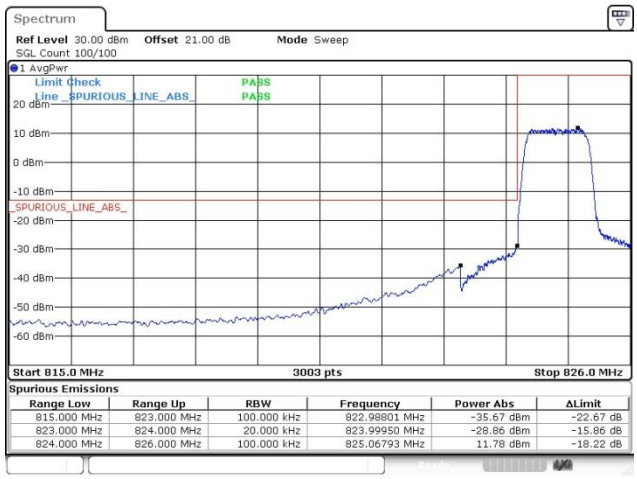
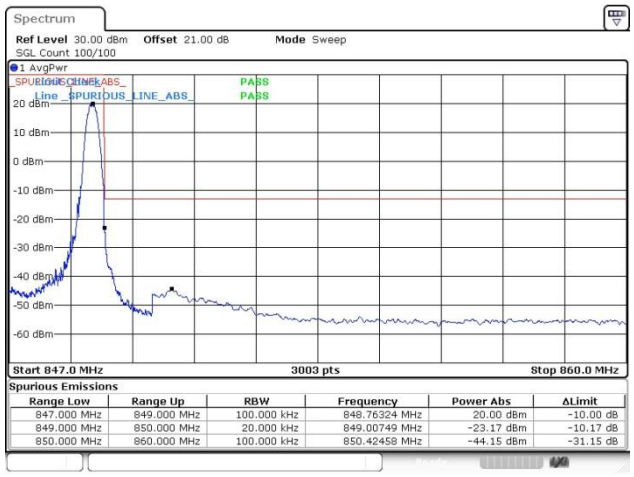
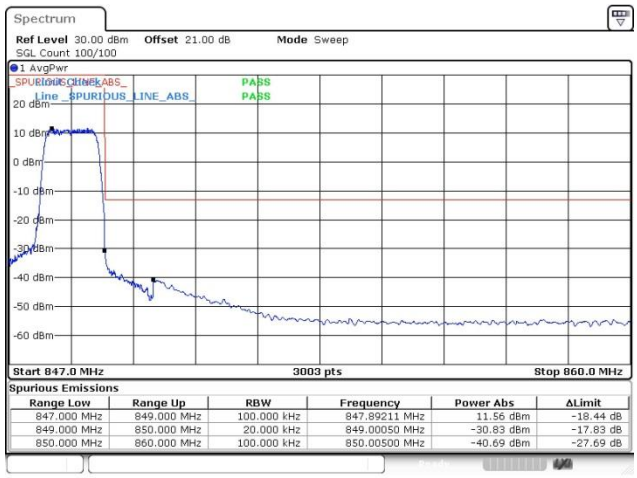
2 Set RBW = at least 1% of 26dB bandwidth, VBW = 3 X RBW detector = RMS, sweep time = auto to measure trace.

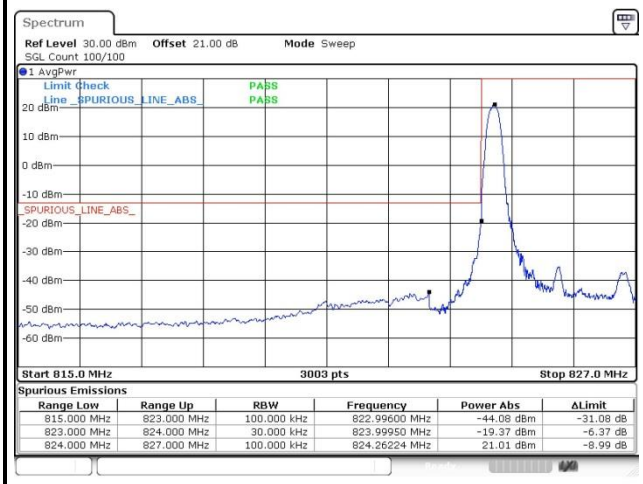
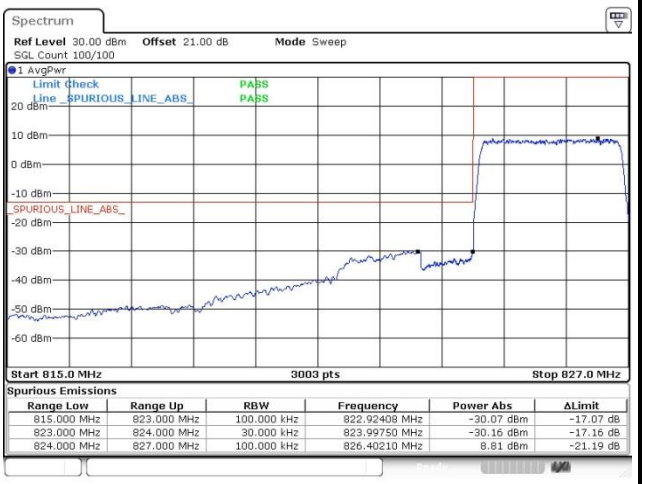
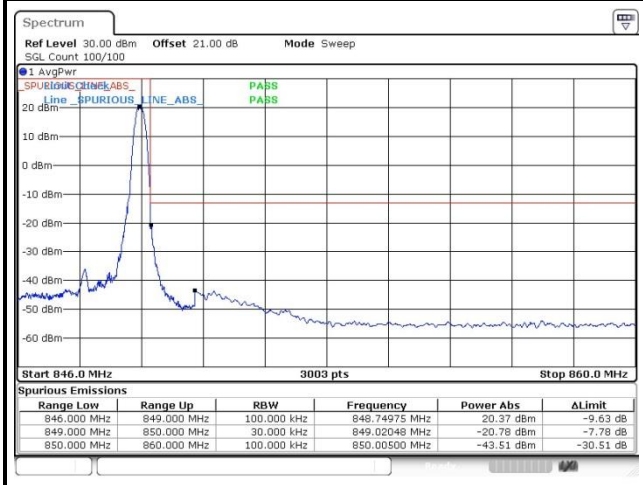
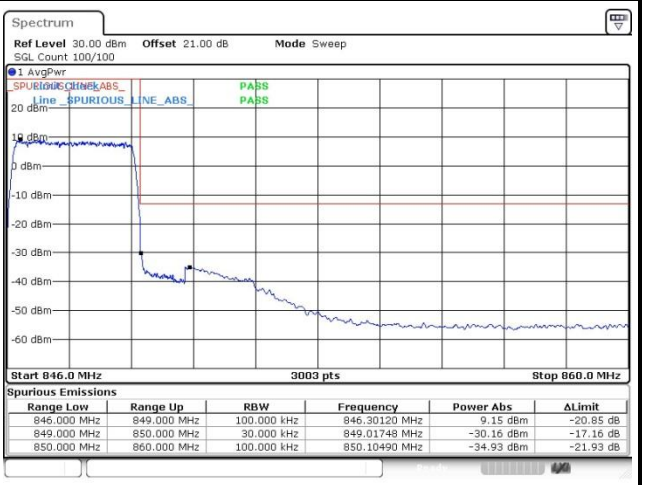
3.4.3 Test Setup

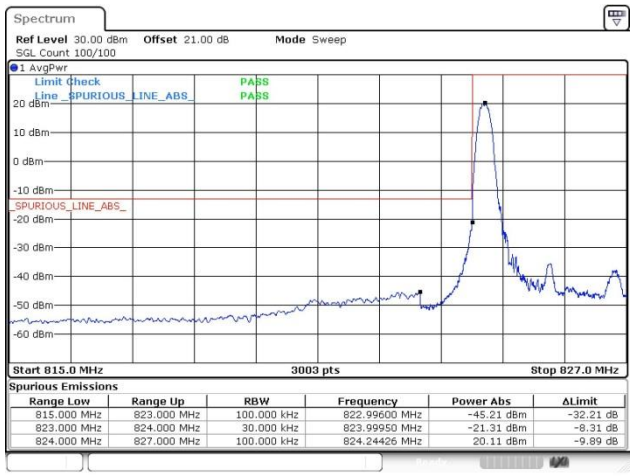
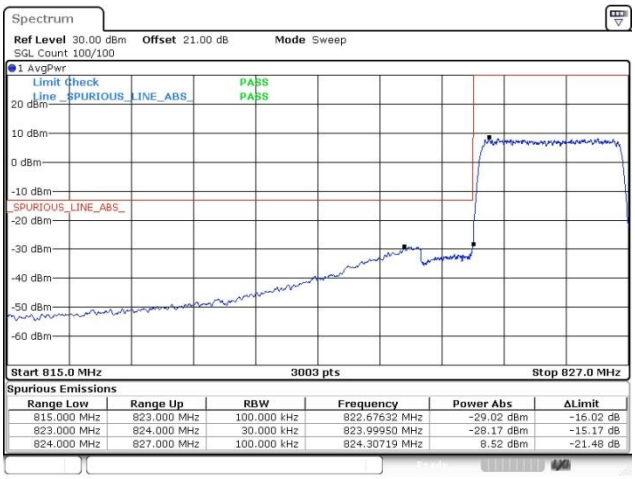
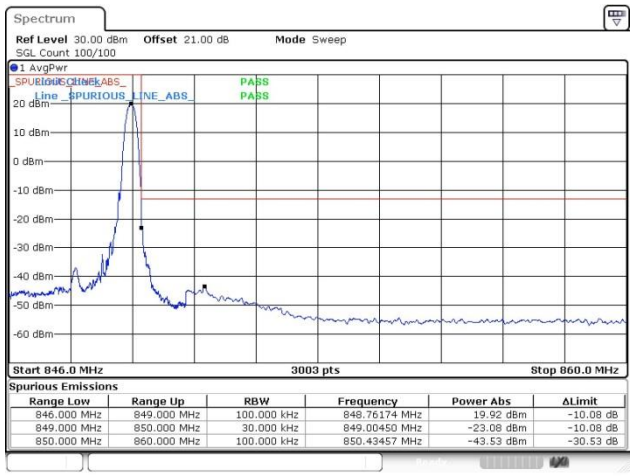
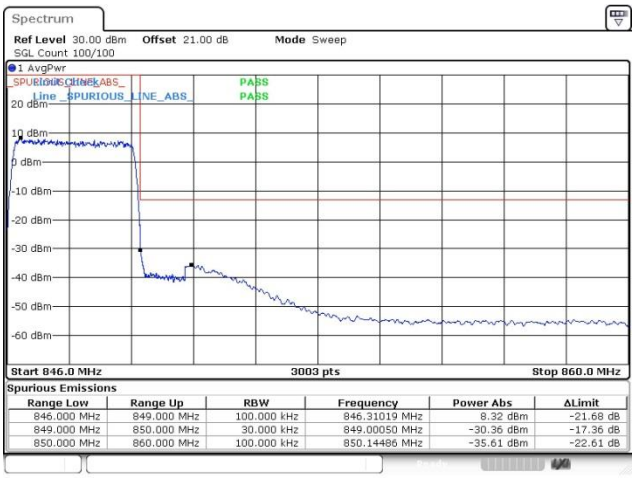


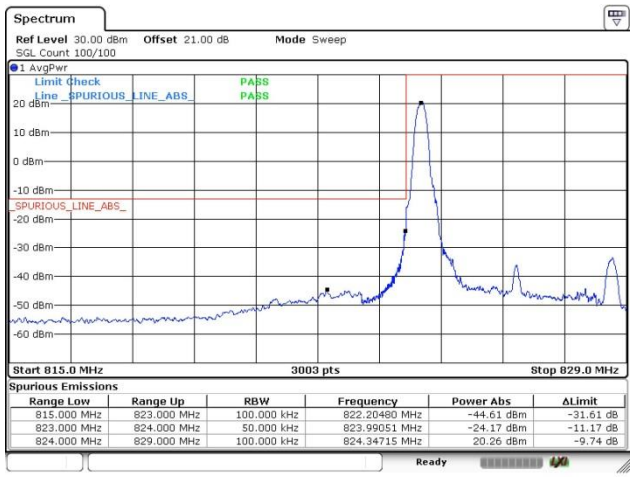
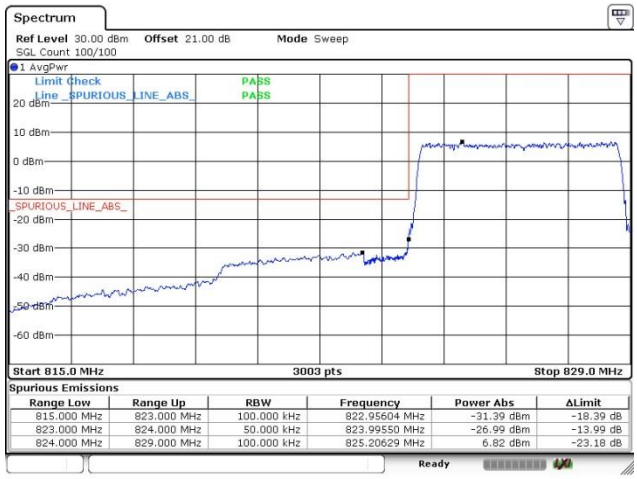
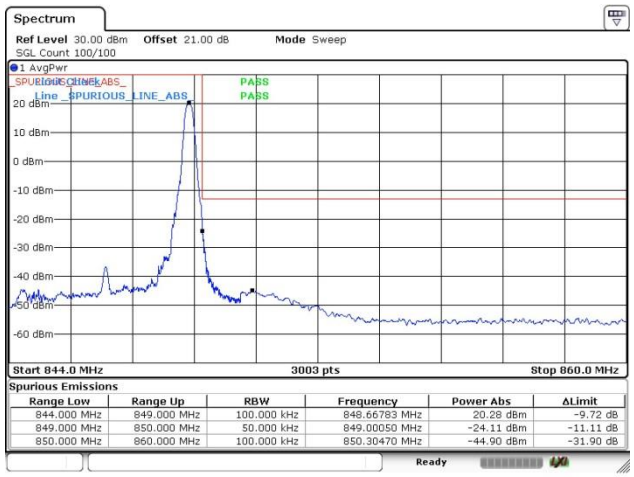
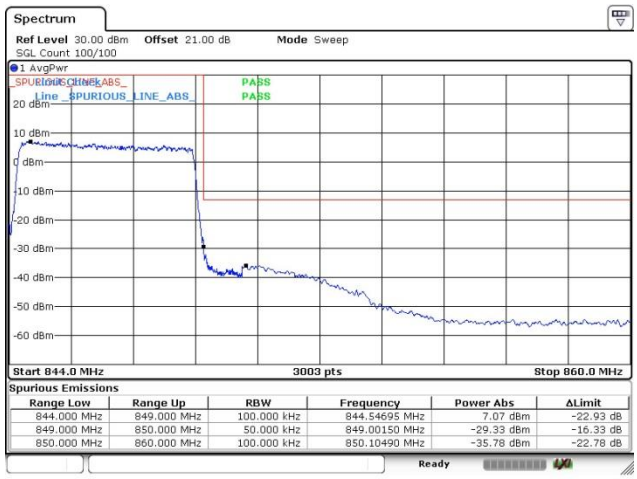
3.4.4 Test Result of Band Edge

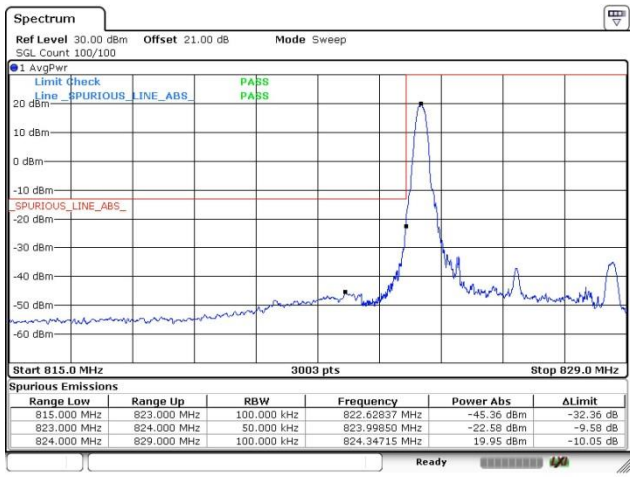
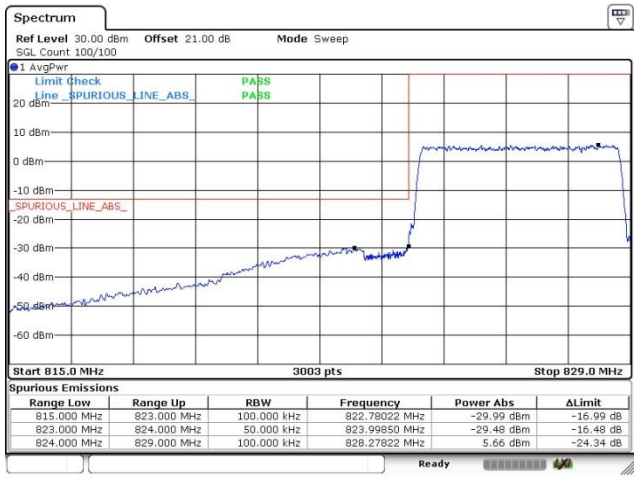
Mode	LTE Band 26, CB: 1.4MHz, QPSK				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

Mode	LTE Band 26, CB: 1.4MHz, 16QAM				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

Mode	LTE Band 26, CB: 3MHz, QPSK				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

Mode	LTE Band 26, CB: 3MHz, 16QAM				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

Mode	LTE Band 26, CB: 5MHz, QPSK				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

Mode	LTE Band 26, CB: 5MHz, 16QAM				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB