

TEST REPORT

Applicant: Shenzhen DO Intelligent Technology Co., Ltd
Address: 1st/2nd/east of 3rd/4th Floor of Building 1,
1st/14th/15th Floor of Building 6, Changyi Industrial
Park, No. 1 of Lirong Road, Xinshi Community,
Dalang Street, Longhua District, Shenzhen,
Guangdong, P.R. China (518110)
Equipment Type: Smart Watch
Model Name: IDA01
Brand Name: IDO
FCC ID: 2AHFT890
ISED Number: 23023-2AHFT890
Test Standard: 47 CFR Part 2
(Others refer to chapter 3.1)
Sample Arrival Date: Apr. 09, 2026
Test Date: Apr. 13, 2026 - May 20, 2026
Date of Issue: Jul. 20, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Liu Juren**Checked by:** Huang Jinsheng**Approved by:** Liao Jianming
(Technical Director)*Liu Juren**Huang Jinsheng**Liao Jianming*

Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Jun. 17, 2026</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Jul. 10, 2026</u>	<u>Added cable and equipment information to Chapter 4.2;</u> <u>Revise the format of Attachment Ti-EE26010095-501 Data Part 4.</u>
<u>Rev. 03</u>	<u>Jul. 20, 2026</u>	<u>Added software version.</u>

TABLE OF CONTENTS

1	GENERAL INFORMATION	4
1.1	Test Laboratory	4
1.2	Test Location	4
2	PRODUCT INFORMATION	5
2.1	Applicant Information	5
2.2	Manufacturer Information	5
2.3	General Description for Equipment under Test (EUT)	5
2.4	Technical Information	6
3	SUMMARY OF TEST RESULTS	8
3.1	Test Standards	8
3.2	Test Verdict	9
4	GENERAL TEST CONFIGURATIONS	11
4.1	Test Environments	11
4.2	Test Equipment List	12
4.3	Test Configurations	13
4.4	Test Setup	20
5	TEST ITEMS	23
5.1	Transmitter Radiated Power (EIRP/ERP)	23
5.2	Peak to Average Ratio	27
5.3	Occupied Bandwidth	29
5.4	Frequency Stability	31

5.5	Spurious Emission at Antenna Terminals	34
5.6	Band Edge.....	39
5.7	Field Strength of Spurious Radiation	44
5.8	Receiver Spurious Emissions	50
5.9	AC Power-line Conducted Emissions.....	52
ANNEX A	TEST RESULTS	54
A.1	Transmitter Radiated Power (EIRP/ERP)	54
A.2	Peak to Average Ratio	104
A.3	Occupied Bandwidth.....	116
A.4	Frequency Stability	125
A.5	Spurious Emission at Antenna Terminals	145
A.6	Band Edge.....	154
A.7	Field Strength of Spurious Radiation	166
A.8	Receiver Spurious Emissions	167
A.9	AC Power-line Conducted Emissions.....	171
ANNEX B	TEST SETUP PHOTOS	173
ANNEX C	EUT EXTERNAL PHOTOS.....	173
ANNEX D	EUT INTERNAL PHOTOS.....	173

1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	601, Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong
	☒ 1/F., Building B, Ganghongji High-Tech Intelligent Industrial Park, No.1008, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong
Accreditation Certificate	The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The CAB identifier number is CN0030. The laboratory is a testing organization accredited by FCC as an accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Shenzhen DO Intelligent Technology Co., Ltd
Address	1st/2nd/east of 3rd/4th Floor of Building 1, 1st/14th/15th Floor of Building 6, Changyi Industrial Park, No. 1 of Lirong Road, Xinshi Community, Dalang Street, Longhua District, Shenzhen, Guangdong, P.R. China (518110)

2.2 Manufacturer Information

Manufacturer	Shenzhen DO Intelligent Technology Co., Ltd
Address	1st/2nd/east of 3rd/4th Floor of Building 1, 1st/14th/15th Floor of Building 6, Changyi Industrial Park, No. 1 of Lirong Road, Xinshi Community, Dalang Street, Longhua District, Shenzhen, Guangdong, P.R. China (518110)

2.3 General Description for Equipment under Test (EUT)

EUT Name	Smart Watch
Model Name Under Test	IDA01
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	92164341649201
Hardware Version	V1.1
Software Version	1.01.31
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 3G Network WCDMA/HSDPA/HSUPA Band 2/5 4G Network FDD LTE Band 2/4/5/7/12/66 TDD LTE Band 38/41 Bluetooth (BR+EDR+BLE) WIFI 802.11b, 802.11g and 802.11n GPS, GLONASS
About the Product	The equipment is Smart Watch, intended for used with information technology equipment.

The following is the technical information of the EUT tested frequency bands in this report.

Operating Bands	GSM/GPRS/EDGE 850/1900 WCDMA/HSDPA/HSUPA Band 2/5 FDD LTE Band 2/4/5/7/12/66 TDD LTE Band 38/41	
Modulation Type	GSM/GPRS	GMSK
	EGPRS	8PSK
	WCDMA	QPSK
	HSDPA /HSUPA	QPSK
		16QAM
	LTE	QPSK
		16QAM
Multislot Class	GPRS/EGPRS: 12	
Antenna Type	FPC Antenna	
Antenna Gain	GSM/GPRS/EGPRS 850: -8.42 dBi GSM/GPRS/EGPRS 1900: -6.08 dBi WCDMA/HSDPA/HSUPA Band 2: -6.08 dBi WCDMA/HSDPA/HSUPA Band 5: -8.42 dBi FDD LTE Band 2: -6.08 dBi FDD LTE Band 4: -6.7 dBi FDD LTE Band 5: -8.42 dBi FDD LTE Band 7: -3.15 dBi FDD LTE Band 12: -10.64 dBi FDD LTE Band 66: -6.7 dBi TDD LTE Band 38: -3.15 dBi TDD LTE Band 41: -3.15 dBi	
The Max RF Output Power (EIRP/ERP)	GSM/GPRS/EGPRS 850: 21.35 dBm GSM/GPRS/EGPRS 1900: 23.34 dBm WCDMA/HSDPA/HSUPA Band 2: 15.99 dBm WCDMA/HSDPA/HSUPA Band 5: 12.16 dBm FDD LTE Band 2: 15.27 dBm FDD LTE Band 4: 15.22 dBm	

			FDD LTE Band 5: 11.4 dBm FDD LTE Band 7: 18.93 dBm FDD LTE Band 12: 8.95 dBm FDD LTE Band 66: 16.96 dBm TDD LTE Band 38: 20.01 dBm TDD LTE Band 41: 20.01 dBm	
Band	Power Class		Tx Frequency Range	Rx Frequency Range
	GM SK	8P SK		
GSM850	4	E2	824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
GSM1900	1	E2	1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
WCDMA B2	3		1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
WCDMA B5	3		824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
LTE B2	3		1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
LTE B4	3		1710 MHz ~ 1755 MHz	2110 MHz ~ 2155 MHz
LTE B5	3		824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
LTE B7	3		2500 MHz ~ 2570 MHz	2620 MHz ~ 2690 MHz
LTE B12	3		699 MHz ~ 716 MHz	729 MHz ~ 746 MHz
LTE B38	3		2570 MHz ~ 2620 MHz	2570 MHz ~ 2620 MHz
LTE B41	3		2535 MHz ~ 2655 MHz	2535 MHz ~ 2655 MHz
LTE B66	3		1710 MHz ~ 1780 MHz	2110 MHz ~ 2180 MHz

Note 1: The EUT information provided by the applicant, except for The Max RF Conducted Power. For more detailed band specifications and features description, please refer to the manufacturer's specifications or user's manual.

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 22 Subpart H	Cellular Radiotelephone Service
3	47 CFR Part 24 Subpart E	Broadband PCS
4	47 CFR Part 27	Miscellaneous Wireless Communications Services
5	RSS-Gen Issue5	General Requirements and Information for the Certification of Radio Apparatus
6	RSS-130 Issue2	Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 MHz
7	RSS-132 Issue4	Cellular Telephone Systems Operating in the Bands 824-849 MHz and 869-894 MHz
8	RSS-133 Issue7	2 GHz Personal Communications Services
9	RSS-139 Issue4	Advanced Wireless Services (AWS) Equipment Operating in the Bands 1710-1780 MHz and 2110-2200 MHz
10	RSS-199 Issue4	Broadband Radio Service (BRS) Equipment Operating in the Band 2500-2690 MHz
11	ANSI C63.26-2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
12	KDB 971168 D01 v03	Measurement Guidance for Certification of Licensed Digital Transmitters

3.2 Test Verdict

No.	Test Description	FCC Part No.	ISED Part No.	Test Result	Test Verdict
1	Conducted RF Output Power	2.1046	RSS-Gen 6.12 RSS-130 4.6 RSS-132 5.4 RSS-133 6.4 RSS-139 6.5 RSS-199 5.5	Reporting only (ANNEX A.1)	Pass
2	Effective (Isotropic) Radiated Power	2.1046 22.913 24.232 27.50	RSS-Gen 6.12 RSS-130 4.6 RSS-132 5.4 RSS-133 6.4 RSS-139 6.5 RSS-199 5.5	ANNEX A.1	Pass
3	Peak to Average Ratio	2.1046 24.232(d) 27.50(d)	RSS-130 4.6 RSS-132 5.4 RSS-133 6.4 RSS-139 6.5 RSS-199 5.5	ANNEX A.2	Pass
4	Occupied Bandwidth	2.1049 22.917 24.238 27.53	RSS-Gen 6.7	ANNEX A.3	Pass
5	Frequency Stability	2.1055 22.355 24.235 27.54	RSS-Gen 6.11 RSS-130 4.5 RSS-132 5.3 RSS-133 6.3 RSS-139 6.4 RSS-199 5.4	ANNEX A.4	Pass
6	Spurious Emission at Antenna Terminals	2.1051 22.917 24.238 27.53	RSS-Gen 6.13 RSS-130 4.7 RSS-132 5.5 RSS-133 6.5 RSS-139 6.6 RSS-199 5.6	ANNEX A.5	Pass
7	Band Edge	2.1051 22.917 24.238 27.53	RSS-130 4.7 RSS-132 5.5 RSS-133 6.5 RSS-139 6.6 RSS-199 5.6	ANNEX A.6	Pass
8	Field Strength of Spurious Radiation	2.1053 22.917 24.238	RSS-Gen 6.13 RSS-130 4.7 RSS-132 5.5	ANNEX A.7	Pass

No.	Test Description	FCC Part No.	ISED Part No.	Test Result	Test Verdict
		27.53	RSS-133 6.5 RSS-139 6.6 RSS-199 5.6		
9	Receiver Spurious Emissions	N/A	RSS-Gen 7 RSS-133 6.6	ANNEX A.8	Pass
10	AC Power-line Conducted Emissions	N/A	RSS-Gen 8.8	ANNEX A.9	Pass

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the environmental conditions were within the listed ranges:

Relative Humidity		25% to 75%
Atmospheric Pressure		98 kPa to 102 kPa
Test Voltage of the EUT	NV (Normal Voltage)	3.89 V
	LV (Low Voltage)	3.00 V
	HV (High Voltage)	4.50 V
Test Temperature of the EUT	NT (Normal Temperature)	15 °C to 35 °C
	LT (Low Temperature)	-30 °C
	HT (High Temperature)	50 °C

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Version	Cal. Date	Cal. Due
2/3/4/5G RF Test System						
BL410 Test Software	BALUN	BL410R	N/A	3.0.1.536	N/A	N/A
CMUgo Test Software	R&S	CMUgo	N/A	V2.0.1	N/A	N/A
Temperature Chamber	OK	OK-TH-100C	OK2022110401	N/A	2025.09.15	2026.09.14
Universal Radio Communication Tester	R&S	CMU 200	119280	V5.13	2025.10.20	2026.10.19
Wideband Radio Communication Tester	R&S	CMW 500	120598	V3.7.172	2025.08.13	2026.08.12
DC Power Supply	ITECH	IT6863A	800014020757 120008	N/A	2025.07.28	2026.07.27
Spectrum Analyzer	Agilent	E4440A	MY46181663	A.11.21	2025.07.15	2026.07.14
Spectrum Analyzer	Keysight	N9020B	MY60110810	A.34.06	2026.03.07	2027.03.06
Radiated Test System						
Radiated Test System Test Software	BALUN	BL410-E	N/A	V22.4	N/A	N/A
Wideband Radio Communication Tester	R&S	CMW 500	120598	V3.7.172	2025.08.13	2026.08.12
RF cable	N/A	RG142	N/A	N/A	2025.12.22	2026.12.21
RF cable	N/A	RG142	N/A	N/A	2025.12.22	2026.12.21
RF cable	N/A	MXH460B	N/A	N/A	2025.12.22	2026.12.21
RF cable	N/A	SFT142	N/A	N/A	2025.12.22	2026.12.21
RF cable	N/A	MXH460B	N/A	N/A	2025.12.22	2026.12.21
Amplifier (30MHz-1GHz)	COM-MV	ZT30-1000M	B2017119082	N/A	2025.11.25	2026.11.24
Amplifier (1-12GHz)	COM-MV	DLNAB-1000-12000-002	18080279	N/A	2025.11.25	2026.11.24
Amplifier (0.8-21GHz)	Mini-Circuits	ZVA-213-S+	619201336	N/A	2025.11.25	2026.11.24
Test Antenna-Bi-Log (30 MHz-3 GHz)	Schwarzbeck	VULB 9163	01414	N/A	2023.11.03	2026.11.02
Test Antenna-Horn (1-18 GHz)	Schwarzbeck	BBHA 9120D	02459	N/A	2023.10.26	2026.10.25
Anechoic Chamber	YIHENG	C8-966	N/A	N/A	2024.05.15	2027.05.11
EMI Receiver	Keysight	N9038A	MY55330121	A.20.03	2025.12.26	2026.12.25

4.3 Test Configurations

Test Items	Test Mode	Test Channel		
		LCH	MCH	HCH
Effective (Isotropic) Radiated Power	GSM 850	v	v	v
	GSM 1900	v	v	v
	GPRS 850	v	v	v
	GPRS 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 5	v	v	v
	HSDPA Band 2	v	v	v
	HSDPA Band 5	v	v	v
	HSUPA Band 2	v	v	v
	HSUPA Band 5	v	v	v
Peak to Average Ratio	WCDMA Band 2	v	v	v
	WCDMA Band 5	v	v	v
Occupied Bandwidth	GSM 850	v	v	v
	GSM 1900	v	v	v
	GPRS 850	v	v	v
	GPRS 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 5	v	v	v
Frequency Stability	GSM 850	v	v	v
	GSM 1900	v	v	v
	GPRS 850	v	v	v
	GPRS 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 5	v	v	v
Spurious Emission at Antenna Terminals	GSM 850	v	v	v
	GSM 1900	v	v	v
	GPRS 850	v	v	v
	GPRS 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 5	v	v	v
Band Edge	GSM 850	v	--	v

Test Items	Test Mode	Test Channel		
		LCH	MCH	HCH
	GSM 1900	v	--	v
	GPRS 850	v	--	v
	GPRS 1900	v	--	v
	EGPRS 850	v	--	v
	EGPRS 1900	v	--	v
	WCDMA Band 2	v	--	v
	WCDMA Band 5	v	--	v
Field Strength of Spurious Radiation	GSM 850	v	v	v
	GSM 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 5	v	v	v
Note 1: The mark "v" means that this configuration is chosen for testing.				

Test Mode	UL Channel	UL Channel No.	UL Frequency (MHz)
GSM/GPRS/EGPRS 850	Low Channel	128	824.2
	Middle Channel	190	836.6
	High Channel	251	848.8
GSM/GPRS/EGPRS 1900	Low Channel	512	1850.2
	Middle Channel	661	1880.0
	High Channel	810	1909.8
WCDMA Band 2	Low Channel	9262	1852.4
	Middle Channel	9400	1880.0
	High Channel	9538	1907.6
WCDMA Band 5	Low Channel	4132	826.4
	Middle Channel	4182	836.4
	High Channel	4233	846.6

LTE Band	Bandwidth (MHz)						Modulation Type		RB#			Test Channel		
	1.4	3	5	10	15	20	QPSK	16-QAM	1	Half	Full	LCH	MCH	HCH
Effective (Isotropic) Radiated Power														
2	v	v	v	v	v	v	v	v	v	v	v	v	v	v
4	v	v	v	v	v	v	v	v	v	v	v	v	v	v
5	v	v	v	v	n	n	v	v	v	v	v	v	v	v
7	n	n	v	v	v	v	v	v	v	v	v	v	v	v
12	v	v	v	v	n	n	v	v	v	v	v	v	v	v
38	n	n	v	v	v	v	v	v	v	v	v	v	v	v
41	n	n	v	v	v	v	v	v	v	v	v	v	v	v
66	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak to Average Ratio														
2	v	v	v	v	v	v	v	v	v	--	v	v	v	v
4	v	v	v	v	v	v	v	v	v	--	v	v	v	v
5	v	v	v	v	n	n	v	v	v	--	v	v	v	v
7	n	n	v	v	v	v	v	v	v	--	v	v	v	v
12	v	v	v	v	n	n	v	v	v	--	v	v	v	v
38	n	n	v	v	v	v	v	v	v	--	v	v	v	v
41	n	n	v	v	v	v	v	v	v	--	v	v	v	v
66	v	v	v	v	v	v	v	v	v	--	v	v	v	v
Occupied Bandwidth														
2	v	v	v	v	v	v	v	v	--	--	v	v	v	v
4	v	v	v	v	v	v	v	v	--	--	v	v	v	v
5	v	v	v	v	n	n	v	v	--	--	v	v	v	v
7	n	n	v	v	v	v	v	v	--	--	v	v	v	v
12	v	v	v	v	n	n	v	v	--	--	v	v	v	v
38	n	n	v	v	v	v	v	v	--	--	v	v	v	v
41	n	n	v	v	v	v	v	v	--	--	v	v	v	v
66	v	v	v	v	v	v	v	v	--	--	v	v	v	v
Frequency Stability														
2	--	--	--	v	--	--	v	v	--	--	v	--	v	--
4	--	--	--	v	--	--	v	v	--	--	v	--	v	--
5	--	--	--	v	n	n	v	v	--	--	v	--	v	--
7	n	n	--	v	--	--	v	v	--	--	v	--	v	--
12	--	--	--	v	n	n	v	v	--	--	v	--	v	--
38	n	n	--	v	--	--	v	v	--	--	v	--	v	--
41	n	n	--	v	--	--	v	v	--	--	v	--	v	--
66	--	--	--	v	--	--	v	v	--	--	v	--	v	--
Spurious Emission at Antenna Terminals														
2	v	v	v	v	v	v	v	v	v	--	--	v	v	v
4	v	v	v	v	v	v	v	v	v	--	--	v	v	v
5	v	v	v	v	n	n	v	v	v	--	--	v	v	v

LTE Band	Bandwidth (MHz)						Modulation Type		RB#			Test Channel		
	1.4	3	5	10	15	20	QPSK	16-QAM	1	Half	Full	LCH	MCH	HCH
7	n	n	v	v	v	v	v	v	v	--	--	v	v	v
12	v	v	v	v	n	n	v	v	v	--	--	v	v	v
38	n	n	v	v	v	v	v	v	v	--	--	v	v	v
41	n	n	v	v	v	v	v	v	v	--	--	v	v	v
66	v	v	v	v	v	v	v	v	v	--	--	v	v	v
Band Edge														
2	v	v	v	v	v	v	v	v	v	--	v	v	--	v
4	v	v	v	v	v	v	v	v	v	--	v	v	--	v
5	v	v	v	v	n	n	v	v	v	--	v	v	--	v
7	n	n	v	v	v	v	v	v	v	--	v	v	--	v
12	v	v	v	v	n	n	v	v	v	--	v	v	--	v
38	n	n	v	v	v	v	v	v	v	--	v	v	--	v
41	n	n	v	v	v	v	v	v	v	--	v	v	--	v
66	v	v	v	v	v	v	v	v	v	--	v	v	--	v
Field Strength of Spurious Radiation														
2	Worse Case													
4	Worse Case													
5	Worse Case													
7	Worse Case													
12	Worse Case													
38	Worse Case													
41	Worse Case													
66	Worse Case													
Note 1: The mark “v” means that this configuration is chosen for testing.														
Note 2: The mark “n” means that this bandwidth is not supported.														

Test Items	Test Mode	Test Channel		
		LCH	MCH	HCH
Receiver Spurious Emissions	LTE Band 2	--	v	--
AC Power-line Conducted Emissions	LTE Band 2	--	v	--
Note 1: The mark “v” means that this configuration is the worst test mode for Receiver Spurious Emissions and AC Power-line Conducted Emissions measurement.				

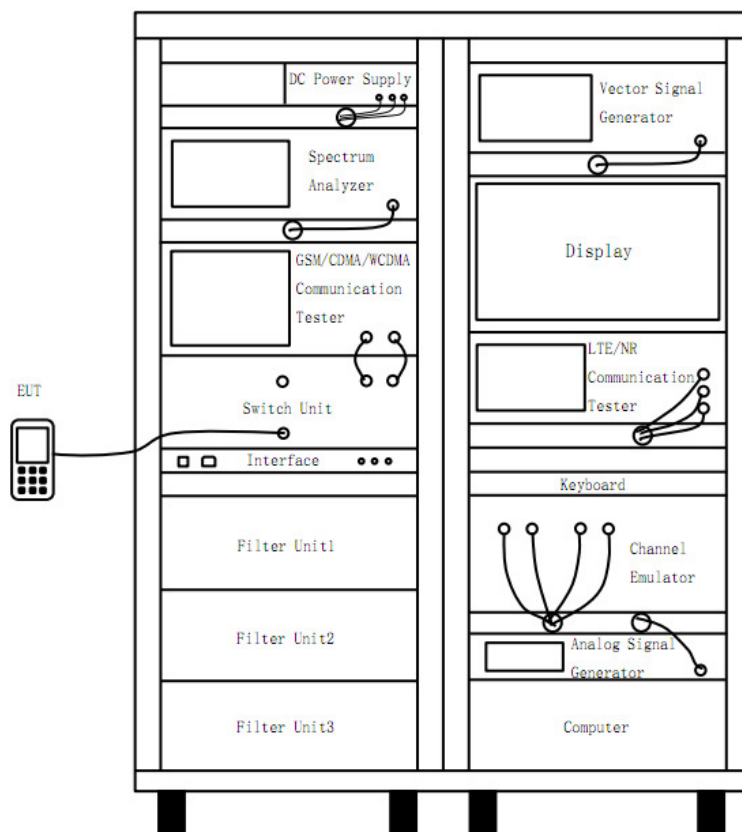
Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
LTE Band 2	Low Range	1.4	18607	1850.7
		3	18615	1851.5
		5	18625	1852.5
		10	18650	1855
		15	18675	1857.5
		20	18700	1860
	Middle Range	1.4/3/5/10/15/20	18900	1880
	High Range	1.4	19193	1909.3
		3	19185	1908.5
		5	19175	1907.5
		10	19150	1905
		15	19125	1902.5
		20	19100	1900
LTE Band 4	Low Range	1.4	19957	1710.7
		3	19965	1711.5
		5	19975	1712.5
		10	20000	1715
		15	20025	1717.5
		20	20050	1720
	Middle Range	1.4/3/5/10/15/20	20175	1732.5
	High Range	1.4	20393	1754.3
		3	20385	1753.5
		5	20375	1752.5
		10	20350	1750
		15	20325	1747.5
		20	20300	1745
LTE Band 5	Low Range	1.4	20407	824.7
		3	20415	825.5
		5	20425	826.5
		10	20450	829
	Middle Range	1.4/3/5/10	20525	836.5
	High Range	1.4	20643	848.3
		3	20635	847.5
		5	20625	846.5
		10	20600	844
LTE Band 7	Low Range	5	20775	2502.5
		10	20800	2505
		15	20825	2507.5
		20	20850	2510
	Middle Range	5/10/15/20	21100	2535

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
	High Range	5	21425	2567.5
		10	21400	2565
		15	21375	2562.5
		20	21350	2560
LTE Band 12	Low Range	1.4	23017	699.7
		3	23025	700.5
		5	23035	701.5
		10	23060	704
	Middle Range	1.4/3/5/10	23095	707.5
	High Range	1.4	23173	715.3
		3	23165	714.5
		5	23155	713.5
		10	23130	711
LTE Band 38	Low Range	5	37775	2572.5
		10	37800	2575
		15	37825	2577.5
		20	37850	2580
	Middle Range	5/10/15/20	38000	2595
	High Range	5	38225	2617.5
		10	38200	2615
		15	38175	2612.5
		20	38150	2610
LTE Band 41	Low Range	5	40065	2537.5
		10	40090	2540
		15	40115	2542.5
		20	40140	2545
	Middle Range	5/10/15/20	40640	2595
	High Range	5	41215	2652.5
		10	41190	2650
		15	41165	2647.5
		20	41140	2645
LTE Band 66	Low Range	1.4	131979	1710.7
		3	131987	1711.5
		5	131997	1712.5
		10	132022	1715
		15	132047	1717.5
		20	132072	1720
	Middle Range	1.4/3/5/10/15/20	132322	1745
	High Range	1.4	132665	1779.3
		3	132657	1778.5
		5	132647	1777.5

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
		10	132622	1775
		15	132597	1772.5
		20	132572	1770

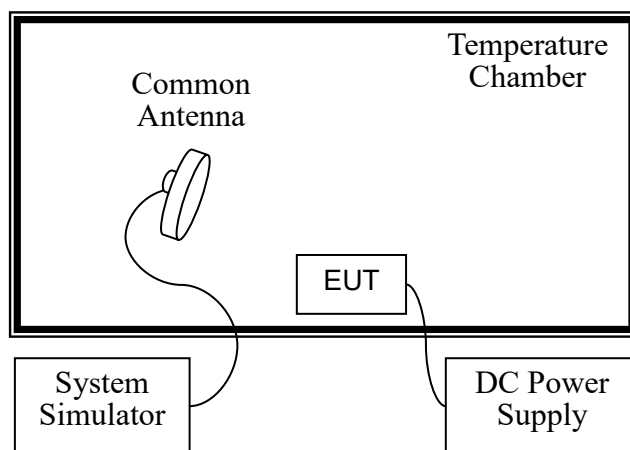
4.4 Test Setup

4.4.1 For Antenna Port Test



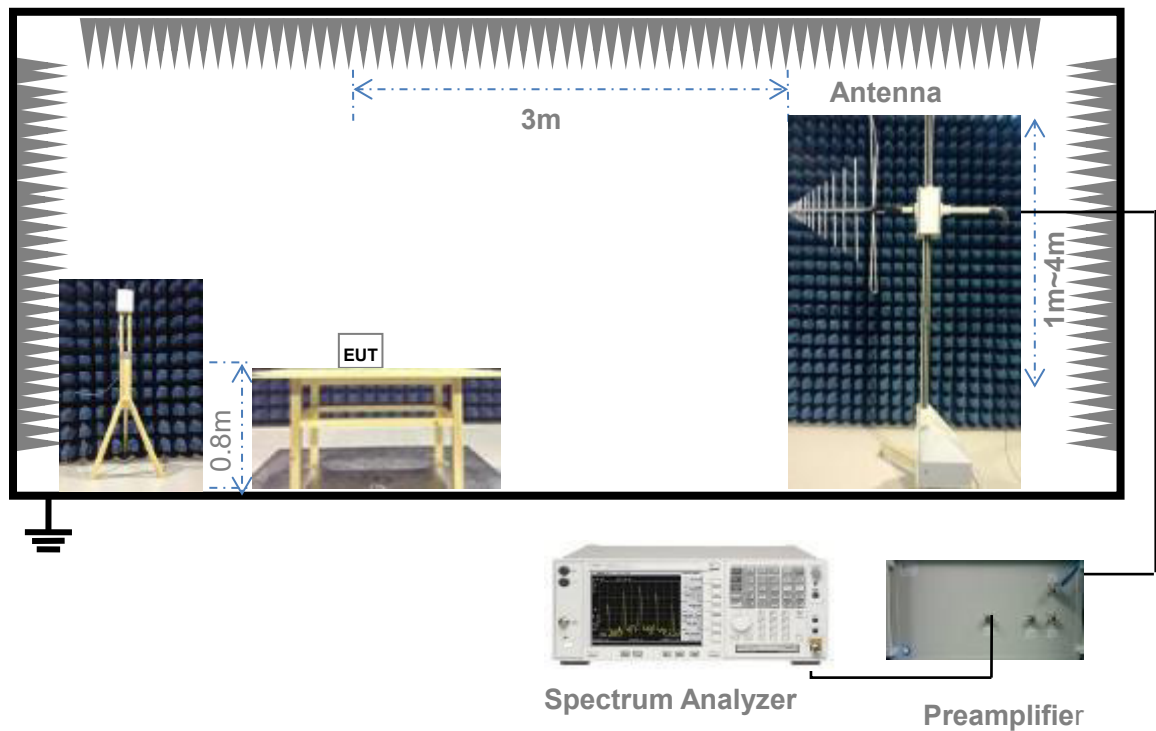
(Diagram 1)

4.4.2 For Frequency Stability Test



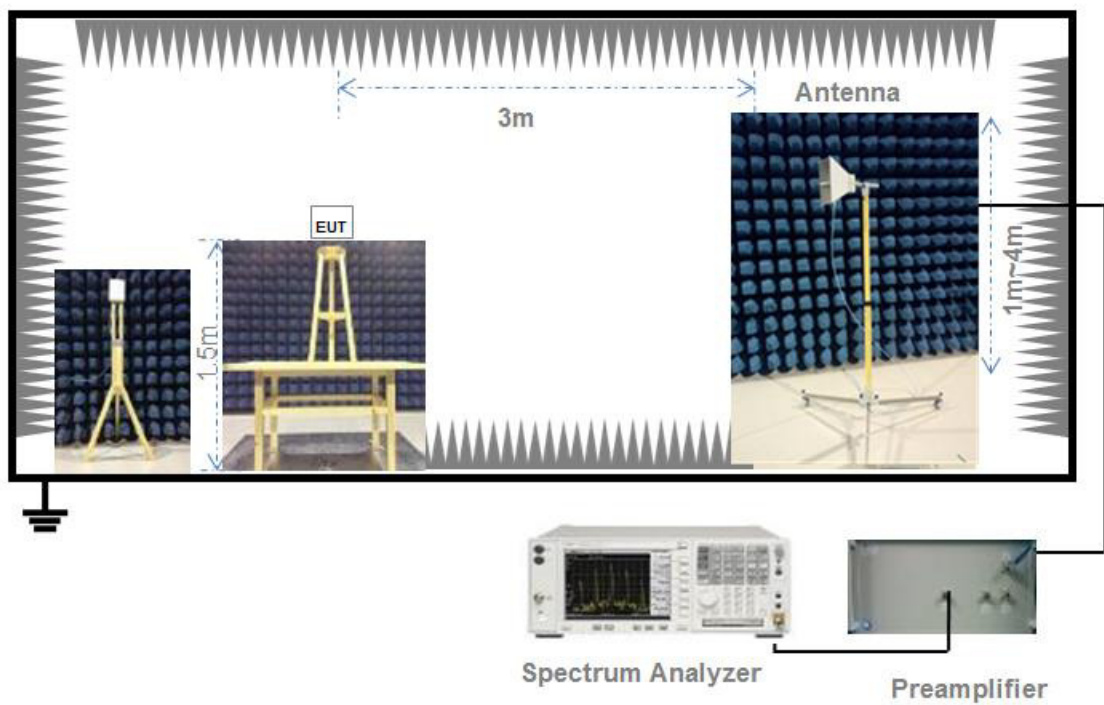
(Diagram 2)

4.4.3 For Radiated Test (30 MHz ~ 1 GHz)



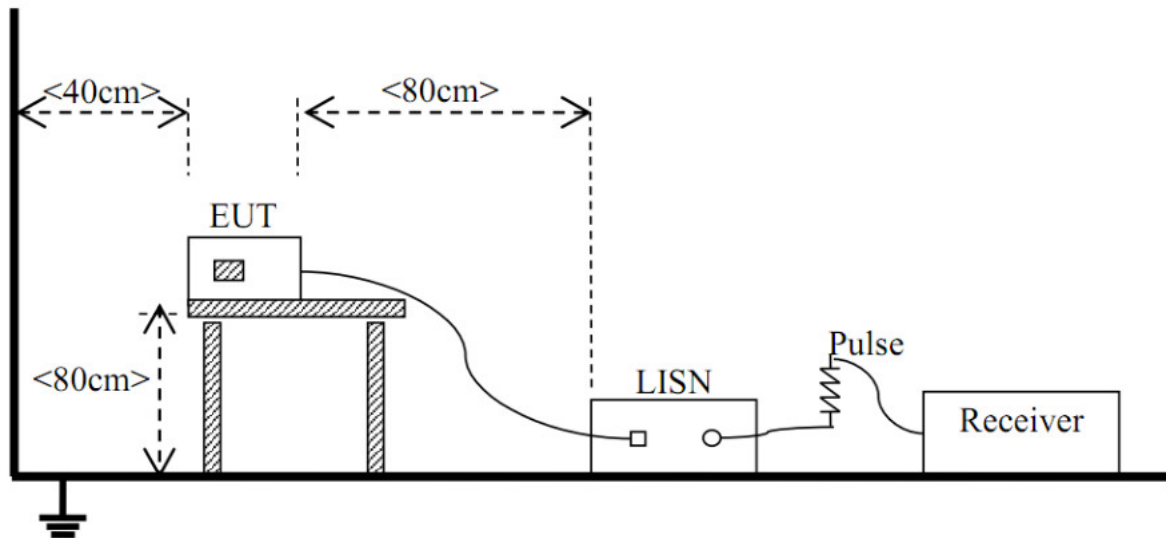
(Diagram 3)

4.4.4 For Radiated Test (Above 1 GHz)



(Diagram 4)

4.4.5 For AC Power-line Conducted Emissions



(Diagram 5)

5 TEST ITEMS

5.1 Transmitter Radiated Power (EIRP/ERP)

5.1.1 Limit

FCC § 2.1046 & 22.913(a) & 24.232(c) & 27.50(a) & 27.50(b) & 27.50(c) & 27.50(d) & 27.50(h) & 27.50(j) & 27.50(k)

According to FCC section 22.913(a) (5), the Effective Radiated Power (ERP) of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 24.232(c), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to FCC section 27.50(a) (3), for mobile and portable stations transmitting in the 2305-2315MHz band or the 2350-2360MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth. For mobile and portable stations using time division duplexing (TDD) technology, the duty cycle must not exceed 38 percent in the 2305-2315 MHz and 2350-2360 MHz bands.

FCC section 27.50(b) (10), portable stations (hand-held devices) transmitting in the 746-757MHz, 776-788MHz, and 805-806MHz bands are limited to 3 watts ERP.

FCC section 27.50(c) (10), portable stations (hand-held devices) in the 600MHz uplink band and the 698-746MHz band, and fixed and mobile stations in the 600MHz uplink band are limited to 3 watts ERP.

FCC section 27.50(d) (4), fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

(7) Fixed, mobile, and portable (hand-held) stations operating in the 2000-2020 MHz band are limited to 2 watts EIRP.

And FCC section 27.50(h) (2), for mobile and other user stations, mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

FCC section 27.50(j) (3), for mobile, and portable (hand-held) stations operating in the 3700-3980 MHz band are limited to 1 watt EIRP.

FCC section 27.50(k) (3), Mobile devices are limited to 1Watt (30 dBm) EIRP in the 3450-3550 MHz band.

RSS-Gen § 6.12 & RSS-130 § 4.6 & RSS-132 § 5.4 & RSS-133 § 6.4 & RSS-139 § 6.5 & RSS-199 § 5.5

According to RSS-130 § 4.6.3, The e.r.p. shall not exceed 30 watts for mobile equipment and outdoor fixed subscriber equipment. The e.r.p. shall not exceed 3 watts for portable equipment and indoor fixed subscriber equipment.

According to RSS-132 § 5.4, the Effective Radiated Power (ERP) for mobile equipment shall not exceed 11.5 watts.

According to RSS-133 § 6.4 (SRSP 510), mobile stations and hand-held portables are limited to 2 watts maximum EIRP.

According to RSS-139 § 6.5, the EIRP for mobile and portable transmitters shall not exceed 1 watt.

According to RSS-199 § 5.5, Subscriber equipment other than fixed subscriber equipment shall not exceed an e.i.r.p of 2W per channel bandwidth.

5.1.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description is used for conducted test, and the section 4.4.3 and 4.4.4 (Diagram 3, 4) test setup description is used for radiated test. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

Description of the Conducted Output Power Measurement

The EUT is coupled to the SS with attenuator through power splitter; the RF load attached to EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. A system simulator is used to establish communication with the EUT, and its parameters are set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The relevant equation for determining the conducted measured value is:

Conducted Output Power Value (dBm) = Measured Value (dBm) + Path Loss (dB)

where:

Conducted Output Power Value = final conducted measured value in the conducted power test, in dBm;

Measured Value = measured conducted power received by spectrum analyzer or power meter, in dBm;

Path Loss = signal attenuation in the connecting cable between the transmitter and spectrum analyzer or power meter, including external cable loss, in dB;

During the test, the data of Path Loss (dB) is added in the spectrum analyzer or power meter, so Measured Value (dBm) is the final values which contains the data of Path Loss (dB).

For example:

In the conducted output power test, when measured value for GSM850 is 24.7 dBm, and path loss is 8.5 dB, then final conducted output power value is:

$$\text{Conducted Output Power Value (dBm)} = 24.7 \text{ dBm} + 8.5 \text{ dB} = 33.2 \text{ dBm}$$

Description of the Transmitter Radiated Power Measurement

In many cases, the RF output power limits for licensed digital transmission devices is specified in terms of effective radiated power (ERP) or equivalent isotropic radiated power (EIRP). Typically, ERP is specified when the operating frequency is less than or equal to 1 GHz and EIRP is specified when the operating frequency is greater than 1 GHz. Both are determined by adding the transmit antenna gain to the conducted RF output power with the primary difference between the two being that when determining the ERP, the transmit antenna gain is referenced to a dipole antenna (i.e., dBd) whereas when determining the EIRP, the transmit antenna gain is referenced to an isotropic antenna (dBi).

Final measurement calculation as below:

The relevant equation for determining the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

$$\text{ERP/EIRP} = P_{\text{Meas}} + \text{GT} - \text{LC}$$

where:

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

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

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

dBd (ERP)=dBi (EIRP) -2.15 dB

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

For devices utilizing multiple antennas, KDB 662911 provides guidance for determining the effective array transmit antenna gain term to be used in the above equation.

For example:

In the EIRP test, when P_{Meas} value for GSM1900 is 30.2 dBm, LC is 0.6 dB, and GT is -3.4 dB, then final EIRP value is:

$$\text{EIRP for GSM1900} = 30.2 \text{ dBm} - 3.4 \text{ dBi} - 0.6 \text{ dB} = 26.2 \text{ dBm}$$

The relevant equation for determining the ERP/EIRP from the radiated RF output power is:

$$\text{ERP/EIRP (dBm)} = \text{SA Read Value (dBm)} + \text{Correction Factor (dB)}$$

where:

ERP/EIRP = effective or equivalent radiated power, in dBm;

SA Read Value = measured transmitter power received by EMI receiver or spectrum analyzer, in dBm;

Correction Factor = total correction factor including cable loss, in dB;

During the test, the data of Correction Factor (dB) is added in the EMI receiver or spectrum analyzer, so SA Read Value (dBm) is the final values which contains the data of Correction Factor (dB).

For example:

In the ERP test, when SA read value for GSM850 is 21dBm, and correction factor is 8dB, then final ERP value for GSM850 is:

$$\text{ERP (dBm)} = 21\text{dBm} + 8\text{dB} = 29\text{dBm}$$

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Peak to Average Ratio

5.2.1 Limit

FCC § 2.1046 & 24.232(d) & 27.50(d) & 27.50(j) & 27.50(k)

In addition, when the transmitter power is measured in terms of average value, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time using a signal corresponding to the highest PAPR during periods of continuous transmission.

According to FCC section 24.232(d), power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with 24.232 (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of § 24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

FCC section 24.232(e), peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms equivalent voltage. The measurement results shall be properly adjusted for any instrument limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, etc., so as to obtain a true peak measurement for the emission in question over the full bandwidth of the channel.

According to FCC section 27.50(d) (5) & 27.50(j) & 27.50(k), in measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

RSS-130 § 4.6 & RSS-132 § 5.4 & RSS-133 § 6.4 & RSS-139 § 6.5 & RSS-199 § 5.5

According to RSS-130 § 4.6.1, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time and shall use a signal corresponding to the highest PAPR during periods of continuous transmission.

According to RSS-132 § 5.4, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time using a signal corresponding to the highest PAPR during periods of continuous transmission.

According to RSS-133 § 6.4, the transmitter's peak-to-average power ratio (PAPR) shall not exceed 13 dB for more than 0.1% of the time using a signal corresponding to the highest PAPR during periods of continuous transmission.

According to RSS-139 § 5.5, the peak to average power ratio (PAPR) of the equipment shall not exceed 13 dB for more than 0.1% of the time, using a signal that corresponds to the highest PAPR during periods of continuous transmission.

According to RSS-199 § 5.5, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time and shall use a signal corresponding to the highest PAPR during periods of continuous transmission.

5.2.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description is used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Here the lowest, middle and highest channels are selected to perform testing to verify the peak-to-average ratio.

According to KDB 971168 D01, there is CCDF procedure for PAPR:

- a) Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;
- b) Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
- c) Set the number of counts to a value that stabilizes the measured CCDF curve;
- d) Set the measurement interval as follows:
 - 1) for continuous transmissions, set to 1 ms,
 - 2) for burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize and set the measurement interval to a time that is less than or equal to the burst duration.
- e) Record the maximum PAPR level associated with a probability of 0.1%.

Alternate procedure for PAPR:

Use one of the procedures presented in 4.1 to measure the total peak power and record as P_{Pk} . Use one of the applicable procedures presented 4.2 to measure the total average power and record as P_{Avg} . Both the peak and average power levels must be expressed in the same logarithmic units (e.g., dBm).

Determine the PAPR from:

$$\text{PAPR (dB)} = P_{Pk} \text{ (dBm)} - P_{Avg} \text{ (dBm)}.$$

5.2.4 Test Result

Please refer to ANNEX A.2.

5.3 Occupied Bandwidth

5.3.1 Limit

FCC § 2.1049

RSS-Gen § 6.7

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission.

Many of the individual rule parts specify a relative OBW in lieu of the 99% OBW. In such cases, the OBW is defined as the width of the signal between two points, one below the carrier center frequency and on above the carrier center frequency, outside of which all emissions are attenuated by at least X dB below the transmitter power, where the value of X is typically specified as 26.

5.3.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description is used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

The following procedure shall be used for measuring power bandwidth.

- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts (i.e., two to five times the anticipated OBW).
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
- c) Set the reference level of the instrument as required to keep the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope must be at least 10log (OBW / RBW) below the reference level.
- d) NOTE—Steps a) through c) may require iteration to adjust within the specified tolerances.
- e) For -26 dB OBW, the dynamic range of the spectrum analyzer at the selected RBW shall be at least 10dB below the target “-X dB down” requirement, e.g. -26 dB OBW, the spectrum analyzer noise floor at the selected RBW shall be 36dB below the reference value.
- f) Set the detection mode to peak, and the trace mode to max hold.
- g) For 99% OBW, use the 99 % power bandwidth function of the spectrum analyzer (if available) and report the measured bandwidth.

If the instrument does not have a 99 % power bandwidth function, the trace data points are to be recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at

the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99 % power bandwidth is the difference between these two frequencies.

h) For -26 dB OBW, determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value).

Determine the “-X dB down amplitude” as equal to (reference value -X). Alternatively, this calculation can be performed by the analyzer by using the marker-delta function.

Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below “-X dB down amplitude” determined in step g). If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.

i) The OBW shall be reported by providing plot(s) of the measuring instrument display. The frequency and amplitude axes and scale shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

j) Change variable modulations, coding, or channel bandwidth settings, then repeat above test procedures.

5.3.4 Test Result

Please refer to ANNEX A.3.

5.4 Frequency Stability

5.4.1 Limit

FCC § 2.1055 & 22.355 & 24.235 & 27.54

RSS-Gen § 6.11 & RSS-130 § 4.5 & RSS-132 § 5.3 & RSS-133 § 6.3 & RSS-139 § 6.4 & RSS-199 § 5.4

RSS-Gen § 6.11

The frequency stability shall be measured with variation of ambient temperature as follows:

- (1) The temperature is varied from -30°C to +50°C.
- (2) Frequency measurements shall be made at the extremes of the specified temperature range and at intervals of not more than 10°C through the range.

The frequency stability shall be measured with variation of primary supply voltage as follows:

- (1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than carried battery equipment.
- (2) For hand carried, battery powered equipment, reduce primary supply voltage to the battery operating and point which shall be specified by the manufacture.
- (3) The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided.

FCC § 22.355

Except as otherwise provided in this part, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table C-1 of this section.

Table C-1—Frequency Tolerance for Transmitters in the Public Mobile Services

Frequency range (MHz)	Base, fixed (ppm)	Mobile > 3 watts (ppm)	Mobile ≤ 3 watts (ppm)
25 to 50	20.0	20.0	50.0
50 to 450	5.0	5.0	50.0
450 to 512	2.5	5.0	5.0
821 to 896	1.5	2.5	2.5
928 to 929	5.0	n/a	n/a
929 to 960	1.5	n/a	n/a
2110 to 2220	10.0	n/a	n/a

FCC § 24.235

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

FCC § 27.54

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

RSS-130 § 4.5

The frequency stability shall be sufficient to ensure that the occupied bandwidth remains within each frequency block range when tested at the temperature and supply voltage variations specified in RSS-Gen.

RSS-132 § 5.3

The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations and ± 1.5 ppm for base stations.

RSS-133 § 6.3

The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations and ± 1.0 ppm for base stations.

RSS-139 § 6.4

The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block when tested to the temperature and supply voltage variations specified in RSS-Gen.

RSS-199 § 5.4

The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block when tested to the temperature and supply voltage variations specified in RSS-Gen.

5.4.2 Test Setup

The section 4.4.2 (Diagram 2) test setup description is used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

1. The EUT is placed in a temperature chamber.
2. The temperature is set to 25°C and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured.
3. The temperature is increased by not more than 10 degrees, allowed to stabilize and soak, and then repeat the frequency error measurement.
4. Repeat procedure 3 until +50°C and -30°C is reached.
5. Change supply voltage, and repeat measurement until extreme voltage is reached.

5.4.4 Test Result

Please refer to ANNEX A.4.

5.5 Spurious Emission at Antenna Terminals

5.5.1 Limit

FCC § 2.1051 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(f) & 27.53(g) & 27.53(h) & 27.53(l) & 27.53(m) & 27.53(n)

RSS-Gen § 6.13 & RSS-130 § 4.7 & RSS-132 § 5.5 & RSS-133 § 6.5 & RSS-139 § 6.6 & RSS-199 § 5.6

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

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

FCC § 22.917(a) & 24.238(a) & RSS-132 § 5.5 & RSS-133 § 6.5

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. This is calculated to be -13 dBm.

FCC § 27.53(a) (4)

For mobile and portable stations operating in the 2305-2315MHz and 2350-2360MHz bands:

(1) By a factor of not less than: $43 + 10 \log(P)$ dB on all frequencies between 2305 and 2320MHz and on all frequencies between 2345 and 2360MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log(P)$ dB on all frequencies between 2320 and 2324MHz and on all frequencies between 2341 and 2345MHz, not less than $61 + 10 \log(P)$ dB on all frequencies between 2324 and 2328MHz and on all frequencies between 2337 and 2341MHz, and not less than $67 + 10 \log(P)$ dB on all frequencies between 2328 and 2337MHz.

(2) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2300 and 2305MHz, $55 + 10 \log(P)$ dB on all frequencies between 2296 and 2300MHz, $61 + 10 \log(P)$ dB on all frequencies between 2292 and 2296MHz, $67 + 10 \log(P)$ dB on all frequencies between 2288 and 2292MHz, and $70 + 10 \log(P)$ dB below 2288MHz.

(3) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2360 and 2365MHz, and not less than $70 + 10 \log(P)$ dB above 2365MHz.

FCC § 27.53(c)

For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746–758 MHz band, the power of any emission shall be attenuated

outside the

band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(3) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.

However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth

of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC § 27.53(f)

For operations in the 746–758 MHz, 775–788 MHz, and 805–806 MHz bands, emissions in the band 1559–1610 MHz shall be limited to - 70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

FCC § 27.53(g)

For operations in the 600MHz band and the 698-746MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC § 27.53(h) (1) & RSS-139 § 6.6

Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

FCC § 27.53(l) (2)

For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

FCC § 27.53(m) (4) & RSS-199 § 4.5

For mobile digital stations (BRS and EBS stations), the attenuation factor shall be not less than:

- $40+10\log P$ dB (-10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.
- $43+10\log P$ dB (-13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,
- $55+10\log P$ dB (-25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FCC § 27.53(n) (2)

For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

RSS-132 § 5.5 & RSS-133 § 6.5

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. This is calculated to be -13 dBm.

RSS-139 § 6.6

Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

RSS-199 § 5.6

For mobile digital stations (BRS and EBS stations), the attenuation factor shall be not less than:

- $40+10\log P$ dB (-10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.
- $43+10\log P$ dB (-13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,
- $55+10\log P$ dB (-25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between

2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

RSS-130 § 4.7

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least $43 + 10\log_{10}(P)$ (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

In addition to the limit outlined above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

- (a) The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:
 - (i) $76 + 10 \log_{10} p$ (watts), dB, for base and fixed equipment and
 - (ii) $65 + 10 \log_{10} p$ (watts), dB, for mobile and portable equipment
- (b) The e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz.

5.5.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. On any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least $43 + 10 \log(P)$ dB. Compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency blocks a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

1. The EUT is coupled to the system simulator and spectrum analyzer; the RF load attached to EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading.

2. CMW500 is used to establish communication with the EUT, and its parameters are set to force the EUT transmitting at maximum output power.
3. The RF output of the transmitter is connected to the input of the spectrum analyzer through sufficient attenuation.
4. Spurious emissions are tested with 0.001MHz RBW for frequency less than 150kHz, 0.01MHz RBW for frequency less than 30MHz, 0.1MHz RBW for frequency less than 1GHz, and 1MHz RBW for frequency above 1GHz. And sweep point number are at least 401, referring to following formula.

Sweep point number = Span/RBW

VBW=3*RBW

Detector Mode=mean or average power

5. Record the frequencies and levels of spurious emissions.

5.5.4 Test Result

Please refer to ANNEX A.5.

5.6 Band Edge

5.6.1 Limit

FCC § 2.1051 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(f) & 27.53(g) & 27.53(h) & 27.53(l) & 27.53(m) & 27.53(n)

RSS-Gen § 6.13 & RSS-130 § 4.7 & RSS-132 § 5.5 & RSS-133 § 6.5 & RSS-139 § 6.6 & RSS-199 § 5.6

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

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

FCC § 22.917(a) & 24.238(a) & RSS-132 § 5.5 & RSS-133 § 6.5

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. This is calculated to be -13 dBm.

FCC § 27.53(a) (4)

For mobile and portable stations operating in the 2305-2315MHz and 2350-2360MHz bands:

(1) By a factor of not less than: $43 + 10 \log(P)$ dB on all frequencies between 2305 and 2320MHz and on all frequencies between 2345 and 2360MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log(P)$ dB on all frequencies between 2320 and 2324MHz and on all frequencies between 2341 and 2345MHz, not less than $61 + 10 \log(P)$ dB on all frequencies between 2324 and 2328MHz and on all frequencies between 2337 and 2341MHz, and not less than $67 + 10 \log(P)$ dB on all frequencies between 2328 and 2337MHz.

(2) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2300 and 2305MHz, $55 + 10 \log(P)$ dB on all frequencies between 2296 and 2300MHz, $61 + 10 \log(P)$ dB on all frequencies between 2292 and 2296MHz, $67 + 10 \log(P)$ dB on all frequencies between 2288 and 2292MHz, and $70 + 10 \log(P)$ dB below 2288MHz.

(3) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2360 and 2365MHz, and not less than $70 + 10 \log(P)$ dB above 2365MHz.

FCC § 27.53(c)

For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746–758 MHz band, the power of any emission shall be attenuated

outside the

band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(3) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.

However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth

of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC § 27.53(f)

For operations in the 746–758 MHz, 775–788 MHz, and 805–806 MHz bands, emissions in the band 1559–1610 MHz shall be limited to - 70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

FCC § 27.53(g)

For operations in the 600MHz band and the 698-746MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC § 27.53(h) (1) & RSS-139 § 6.6

Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

FCC § 27.53(l) (2)

For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

FCC § 27.53(m) (4) & RSS-199 § 4.5

For mobile digital stations (BRS and EBS stations), the attenuation factor shall be not less than:

- $40+10\log P$ dB (-10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.
- $43+10\log P$ dB (-13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,
- $55+10\log P$ dB (-25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FCC § 27.53(n) (2)

For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

RSS-132 § 5.5 & RSS-133 § 6.5

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. This is calculated to be -13 dBm.

RSS-139 § 6.6

Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

RSS-199 § 5.6

For mobile digital stations (BRS and EBS stations), the attenuation factor shall be not less than:

- $40+10\log P$ dB (-10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.
- $43+10\log P$ dB (-13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,
- $55+10\log P$ dB (-25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between

2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

RSS-130 § 4.7

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least $43 + 10\log_{10}(P)$ (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

In addition to the limit outlined above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

- (a) The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:
 - (i) $76 + 10 \log_{10} p$ (watts), dB, for base and fixed equipment and
 - (ii) $65 + 10 \log_{10} p$ (watts), dB, for mobile and portable equipment
- (b) The e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz.

5.6.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.6.3 Test Procedure

The EUT, which is powered by the Battery, is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading.

1. The EUT is coupled to the system simulator and spectrum analyzer; the RF load attached to EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading.
2. CMW500 is used to establish communication with the EUT, and its parameters are set to force the EUT transmitting at maximum output power.
3. The RF output of the transmitter is connected to the input of the spectrum analyzer through sufficient attenuation.
4. The center of the spectrum analyzer was set to block edge frequency.
5. Band edge are tested with $1\% \cdot \text{cBW}$ (RBW), and sweep point number referred to following formula.

Sweep point number = $2 \times \text{Span} / \text{RBW}$

VBW=3RBW

6. Record the frequencies and levels of spurious emissions.

For mobile and portable stations, on all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment. Since it was not possible to set the resolution bandwidth to 6.25 kHz with the available equipment, a bandwidth of 10 kHz was used instead to show compliance. By using a 10 kHz bandwidth on the spectrum analyzer.

$$10 \times \log(10 \text{ kHz} / 6.25 \text{ kHz}) = 2.04 \text{ dB}$$

$$\text{Limit Line} = -35 \text{ dBm} + 2.04 \text{ dB} = -32.96 \text{ dBm}$$

5.6.4 Test Result

Please refer to ANNEX A.6.

5.7 Field Strength of Spurious Radiation

5.7.1 Limit

FCC § 2.1051 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(f) & 27.53(g) & 27.53(h) & 27.53(l) & 27.53(m) & 27.53(n)

RSS-Gen § 6.13 & RSS-130 § 4.7 & RSS-132 § 5.5 & RSS-133 § 6.5 & RSS-139 § 6.6 & RSS-199 § 5.6

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

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

FCC § 22.917(a) & 24.238(a) & RSS-132 § 5.5 & RSS-133 § 6.5

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. This is calculated to be -13 dBm.

FCC § 27.53(a) (4)

For mobile and portable stations operating in the 2305-2315MHz and 2350-2360MHz bands:

(1) By a factor of not less than: $43 + 10 \log(P)$ dB on all frequencies between 2305 and 2320MHz and on all frequencies between 2345 and 2360MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log(P)$ dB on all frequencies between 2320 and 2324MHz and on all frequencies between 2341 and 2345MHz, not less than $61 + 10 \log(P)$ dB on all frequencies between 2324 and 2328MHz and on all frequencies between 2337 and 2341MHz, and not less than $67 + 10 \log(P)$ dB on all frequencies between 2328 and 2337MHz.

(2) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2300 and 2305MHz, $55 + 10 \log(P)$ dB on all frequencies between 2296 and 2300MHz, $61 + 10 \log(P)$ dB on all frequencies between 2292 and 2296MHz, $67 + 10 \log(P)$ dB on all frequencies between 2288 and 2292MHz, and $70 + 10 \log(P)$ dB below 2288MHz.

(3) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2360 and 2365MHz, and not less than $70 + 10 \log(P)$ dB above 2365MHz.

FCC § 27.53(c)

For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746–758 MHz band, the power of any emission shall be attenuated

outside the

band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(3) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.

However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth

of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC § 27.53(f)

For operations in the 746–758 MHz, 775–788 MHz, and 805–806 MHz bands, emissions in the band 1559–1610 MHz shall be limited to - 70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

FCC § 27.53(g)

For operations in the 600MHz band and the 698-746MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC § 27.53(h) (1) & RSS-139 § 6.6

Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

FCC § 27.53(l) (2)

For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

FCC § 27.53(m) (4) & RSS-199 § 4.5

For mobile digital stations (BRS and EBS stations), the attenuation factor shall be not less than:

- $40+10\log P$ dB (-10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.
- $43+10\log P$ dB (-13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,
- $55+10\log P$ dB (-25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FCC § 27.53(n) (2)

For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

RSS-132 § 5.5 & RSS-133 § 6.5

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. This is calculated to be -13 dBm.

RSS-139 § 6.6

Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

RSS-199 § 5.6

For mobile digital stations (BRS and EBS stations), the attenuation factor shall be not less than:

- $40+10\log P$ dB (-10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.
- $43+10\log P$ dB (-13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,
- $55+10\log P$ dB (-25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between

2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

RSS-130 § 4.7

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least $43 + 10\log_{10}(P)$ (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

In addition to the limit outlined above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

- (a) The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:
 - (i) $76 + 10 \log_{10} p$ (watts), dB, for base and fixed equipment and
 - (ii) $65 + 10 \log_{10} p$ (watts), dB, for mobile and portable equipment
- (b) The e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz.

5.7.2 Test Setup

The section 4.4.3 and 4.4.4 (Diagram 3, 4) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.7.3 Test Procedure

1. On a test site, the EUT shall be placed at 80cm height on a turn table, and in the position close to normal use as declared by the applicant.
2. The test antenna shall be oriented initially for vertical polarization located 3 m from EUT to correspond to the fundamental frequency of the transmitter.
3. The output of the test antenna shall be connected to the measuring receiver and the peak detector is used for the measurement.
4. During the measurement of the EUT, the resolution bandwidth was to 1 MHz and the average bandwidth
was set to 1 MHz.
5. The transmitter shall be switched on; the measuring receiver shall be tuned to the frequency of the

transmitter under test.

6. The test antenna shall be raised and lowered through the specified range of height until the maximum signal level is detected by the measuring receiver.

7. The transmitter shall be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.

8. The test antenna shall be raised and lowered again through the specified range of height until the maximum signal level is detected by the measuring receiver.

9. The maximum signal level detected by the measuring receiver shall be noted.

10. The EUT was replaced by half-wave dipole (824 ~ 849 MHz) or horn antenna (1 850 ~ 1 910 MHz) connected to a signal generator.

11. In necessary, the input attenuator setting on the measuring receiver shall be adjusted in order to increase

the sensitivity of the measuring receiver.

12. The test antenna shall be raised and lowered through the specified range of height to ensure that the maximum signal is received.

13. The input signal to the substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, which is equal to the level noted while the transmitter radiated power was measured, corrected for the change of input attenuator setting of the measuring receiver.

14. The input level to the substitution antenna shall be recorded as power level in dBm, corrected for any change of input attenuator setting of the measuring receiver.

15. The measurement shall be repeated with the test antenna and the substitution antenna orientated for horizontal polarization.

Final measurement calculation as below:

The relevant equation for determining the ERP/EIRP from the radiated RF output power is:

$$\text{ERP/EIRP (dBm)} = \text{SA Read Value (dBm)} + \text{Correction Factor (dB)}$$

where:

ERP/EIRP = effective or equivalent radiated power, in dBm;

SA Read Value = measured transmitter power received by EMI receiver or spectrum analyzer, in dBm;

Correction Factor = total correction factor including cable loss, in dB;

During the test, the data of Correction Factor (dB) is added in the EMI receiver or spectrum analyzer,

so SA Read Value (dBm) is the final values which contains the data of Correction Factor (dB).

For example:

In the ERP test, when SA read value for GSM850 is 21dBm, and correction factor is 8dB, then final ERP value for GSM850 is:

$$\text{ERP (dBm)} = 21\text{dBm} + 8\text{dB} = 29\text{dBm}$$

5.7.4 Test Result

Please refer to ANNEX A.7.

5.8 Receiver Spurious Emissions

5.8.1 Limit

RSS-Gen § 7.3/4 & RSS-133 § 6.6

For emissions at frequencies below 1 GHz, measurements shall be performed using a CISPR quasi-peak detector and the related measurement bandwidth. At frequencies above 1 GHz, measurements shall be performed using a linear average detector with a minimum resolution bandwidth of 1 MHz.

As an alternative to CISPR quasi-peak or average measurements, compliance with the emission limit can be demonstrated using measuring equipment employing a peak detector function properly adjusted for factors such as pulse desensitization, as required, with a measurement bandwidth equal to, or greater than, the applicable CISPR quasi-peak bandwidth or 1 MHz bandwidth, respectively.

Receiver Radiated Limits

Radiated emission measurements shall be performed with the receiver antenna connected to the receiver antenna ports. The search for spurious emissions shall be from the lowest frequency internally generated or used in the receiver (e.g. local oscillator, intermediate or carrier frequency), or 30 MHz, whichever is higher, to at least five times the highest tunable or local oscillator frequency, whichever is higher, without exceeding 40 GHz.

Spurious emissions from receivers shall not exceed the radiated emissions limits shown in Table 2 below.

Table 2 –Receiver radiated emissions limits

Frequency (MHz)	Field Strength ($\mu\text{V/m}$ at 3 metres)
30 - 88	100
88 - 216	150
216 - 960	200
Above 960	500

Receiver Conducted Limits

If the receiver has a detachable antenna of known impedance, an antenna-conducted spurious emissions measurement is permitted as an alternative to radiated measurement. However, the radiated method is preferred.

The antenna-conducted test shall be performed with the antenna disconnected and with the receiver antenna port connected to a measuring instrument having equal input impedance to that specified for the antenna. The RF cable connecting the receiver under test to the measuring instrument shall also have the same impedance to that specified for the receiver's antenna.

The spurious emissions from the receiver at any discrete frequency, measured at the antenna port by the antenna-conducted method, shall not exceed 2 nW in the frequency range 30-1000 MHz and 5 nW

above 1 GHz.

5.8.2 Test Setup

The section 4.4.3 and 4.4.4 (Diagram 3, 4) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.8.3 Test Procedure

The test employing the methods of measurement described in the publication referenced in Section 3(b) (ANSI C63.4);

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

An initial pre-scan was performed in the chamber using the EMI Receiver in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by Bi-Log antenna with 2 orthogonal polarities.

5.8.4 Test Result

Please refer to ANNEX A.8.

5.9 AC Power-line Conducted Emissions

5.9.1 Limit

RSS-Gen § 8.8

For AC power-line conducted emissions, both quasi-peak and average detectors having the characteristics specified in CAN/CSA-CISPR 16-1-1:15 for the 150 kHz to 30 MHz frequency range shall be employed.

Unless stated otherwise in the applicable RSS, for radio apparatus that are designed to be connected to the public utility AC power network, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the range 150 kHz to 30 MHz shall not exceed the limits in table 3, as measured using a 50 μ H / 50 Ω line impedance stabilization network. This requirement applies for the radio frequency voltage measured between each power line and the ground terminal of each AC power-line mains cable of the EUT.

For an EUT that connects to the AC power lines indirectly, through another device, the requirement for compliance with the limits in table 3 shall apply at the terminals of the AC power-line mains cable of a representative support device, while it provides power to the EUT. The lower limit applies at the boundary between the frequency ranges. The device used to power the EUT shall be representative of typical applications.

Table 3 –AC power-line conducted emissions limits

Frequency (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 ^{Note1}	56 to 46 ^{Note1}
0.5 - 5	56	46
5 - 30	60	50

Note 1: The level decreases linearly with the logarithm of the frequency.

5.9.2 Test Setup

The section 4.4.5 (Diagram 5) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.9.3 Test Procedure

The test employing the methods of measurement described in the publication referenced in Section 3(b) (ANSI C63.4);

The EUT is connected to the power mains through a LISN which provides 50 Ω /50 μ H of coupling impedance for the measuring instrument. The test frequency range is from 150 kHz to 30 MHz. The maximum conducted interference is searched using Peak (PK), Quasi-peak (QP) and Average (AV) detectors; the emission levels that are more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

5.9.4 Test Result

Please refer to ANNEX A.9.

ANNEX A TEST RESULTS

A.1 Transmitter Radiated Power (EIRP/ERP)

GSM Mode Test Data

Test Band	Test Channel	Conducted Output Peak Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
GSM 850	LCH	31.71	-8.42	-10.57	21.14	0.130	7.000	Pass
	MCH	31.80	-8.42	-10.57	21.23	0.133	7.000	Pass
	HCH	31.80	-8.42	-10.57	21.23	0.133	7.000	Pass
GPRS 850	LCH	31.81	-8.42	-10.57	21.24	0.133	7.000	Pass
	MCH	31.92	-8.42	-10.57	21.35	0.136	7.000	Pass
	HCH	31.89	-8.42	-10.57	21.32	0.136	7.000	Pass
EGPRS 850	LCH	29.27	-8.42	-10.57	18.70	0.074	7.000	Pass
	MCH	29.13	-8.42	-10.57	18.56	0.072	7.000	Pass
	HCH	29.17	-8.42	-10.57	18.60	0.072	7.000	Pass

Test Band	Test Channel	Conducted Output Peak Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
GSM 1900	LCH	29.15	-6.08	23.07	0.203	2.000	Pass
	MCH	29.10	-6.08	23.02	0.200	2.000	Pass
	HCH	28.93	-6.08	22.85	0.193	2.000	Pass
GPRS 1900	LCH	29.27	-6.08	23.19	0.208	2.000	Pass
	MCH	29.22	-6.08	23.14	0.206	2.000	Pass
	HCH	29.09	-6.08	23.01	0.200	2.000	Pass
EGPRS 1900	LCH	29.16	-6.08	23.08	0.203	2.000	Pass
	MCH	29.42	-6.08	23.34	0.216	2.000	Pass
	HCH	28.68	-6.08	22.60	0.182	2.000	Pass

Note 1: For the GPRS and EGPRS mode, all slots were tested and just the worst data were recorded in this table.

Note 2: $ERP/EIRP = P_{Meas} + GT - LC$

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

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

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

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

$ERP = EIRP - 2.15$; where ERP and EIRP are expressed in consistent units.

Note 3: Set PCL to 5 for GSM/GPRS 850 (power class 4) and 0 for GSM/GPRS 1900 (power class 1).

Set PCL to 8 for EGPRS850 (power class E2) and 2 for EGPRS1900 (power class E2).

GPRS Conducted Output Power

Band	Channel	Conducted Output Peak Power							
		1 Slot (dBm)	1 Slot (W)	2 Slots (dBm)	2 Slots (W)	3 Slots (dBm)	3 Slots (W)	4 Slots (dBm)	4 Slots (W)
GPRS 850	LCH	31.81	1.52	29.70	0.93	27.60	0.58	25.41	0.35
	MCH	31.92	1.56	29.67	0.93	27.61	0.58	25.38	0.34
	HCH	31.89	1.55	29.65	0.92	27.56	0.57	25.32	0.34
GPRS 1900	LCH	29.27	0.85	27.66	0.58	25.36	0.34	23.48	0.22
	MCH	29.22	0.84	26.72	0.47	25.10	0.32	22.78	0.19
	HCH	29.09	0.81	26.21	0.42	24.54	0.28	22.28	0.17

EGPRS Conducted Output Power

Band	Channel	Conducted Output Peak Power							
		1 Slot (dBm)	1 Slot (W)	2 Slots (dBm)	2 Slots (W)	3 Slots (dBm)	3 Slots (W)	4 Slots (dBm)	4 Slots (W)
EGPRS 850	LCH	29.27	0.85	27.87	0.61	25.66	0.37	23.49	0.22
	MCH	29.13	0.82	27.72	0.59	25.46	0.35	23.42	0.22
	HCH	29.17	0.83	27.66	0.58	25.45	0.35	23.36	0.22
EGPRS 1900	LCH	29.16	0.82	27.58	0.57	25.23	0.33	23.18	0.21
	MCH	29.42	0.87	27.72	0.59	25.34	0.34	23.42	0.22
	HCH	28.68	0.74	26.97	0.50	24.74	0.30	22.76	0.19

WCDMA Mode Test Data

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
WCDMA Band 2	LCH	22.07	-6.08	15.99	0.040	2.000	Pass
	MCH	21.90	-6.08	15.82	0.038	2.000	Pass
	HCH	22.00	-6.08	15.92	0.039	2.000	Pass
HSDPA Band 2	LCH	21.36	-6.08	15.28	0.034	2.000	Pass
	MCH	21.51	-6.08	15.43	0.035	2.000	Pass
	HCH	21.25	-6.08	15.17	0.033	2.000	Pass
HSUPA Band 2	LCH	21.44	-6.08	15.36	0.034	2.000	Pass
	MCH	21.66	-6.08	15.58	0.036	2.000	Pass
	HCH	21.42	-6.08	15.34	0.034	2.000	Pass

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
WCDMA Band 5	LCH	22.73	-8.42	-10.57	12.16	0.016	7.000	Pass
	MCH	22.72	-8.42	-10.57	12.15	0.016	7.000	Pass
	HCH	22.70	-8.42	-10.57	12.13	0.016	7.000	Pass
HSDPA Band 5	LCH	20.74	-8.42	-10.57	10.17	0.010	7.000	Pass
	MCH	20.86	-8.42	-10.57	10.29	0.011	7.000	Pass
	HCH	20.67	-8.42	-10.57	10.10	0.010	7.000	Pass
HSUPA Band 5	LCH	21.36	-8.42	-10.57	10.79	0.012	7.000	Pass
	MCH	21.54	-8.42	-10.57	10.97	0.013	7.000	Pass
	HCH	21.40	-8.42	-10.57	10.83	0.012	7.000	Pass

Note 1: For the HSDPA and HSUPA mode, all subtests were tested and just the worst data were recorded in this table.

Note 2: $ERP/EIRP = P_{Meas} + GT - LC$

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

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

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

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

$ERP = EIRP - 2.15$; where ERP and EIRP are expressed in consistent units.

HSDPA Conducted Output Power

Conducted Output Power		EIRP (dBm)			EIRP (W)		
Band	Configuration	LCH	MCH	HCH	LCH	MCH	HCH
HSDPA B2	Subtest 1	21.36	21.51	21.25	0.137	0.142	0.133
	Subtest 2	20.97	21.13	20.90	0.125	0.130	0.123
	Subtest 3	21.16	21.33	21.10	0.131	0.136	0.129
	Subtest 4	20.75	20.93	20.71	0.119	0.124	0.118
Conducted Output Power		ERP (dBm)			ERP (W)		
Band	Configuration	LCH	MCH	HCH	LCH	MCH	HCH
HSDPA B5	Subtest 1	20.74	20.84	20.66	0.119	0.121	0.116
	Subtest 2	20.72	20.86	20.67	0.118	0.122	0.117
	Subtest 3	20.08	20.20	20.18	0.102	0.105	0.104
	Subtest 4	20.28	20.47	20.40	0.107	0.111	0.110

HSUPA Conducted Output Power

Conducted Output Power		EIRP (dBm)			EIRP (W)		
Band	Configuration	LCH	MCH	HCH	LCH	MCH	HCH
HSUPA B2	Subtest 1	19.02	19.16	19.12	0.080	0.082	0.082
	Subtest 2	18.96	19.14	19.02	0.079	0.082	0.080
	Subtest 3	19.30	19.50	19.47	0.085	0.089	0.089
	Subtest 4	19.38	19.58	19.55	0.087	0.091	0.090
	Subtest 5	21.44	21.66	21.42	0.139	0.147	0.139
Conducted Output Power		ERP (dBm)			ERP (W)		
Band	Configuration	LCH	MCH	HCH	LCH	MCH	HCH
HSUPA B5	Subtest 1	19.07	19.17	19.28	0.081	0.083	0.085
	Subtest 2	18.64	18.80	18.90	0.073	0.076	0.078
	Subtest 3	19.13	19.22	19.34	0.082	0.084	0.086
	Subtest 4	18.67	18.83	18.86	0.074	0.076	0.077
	Subtest 5	21.36	21.54	21.40	0.137	0.143	0.138

LTE Mode Test Data

Test BW	Test Channel	Test Mode	Test RB (Size#Off set)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 2									
1.4 MHz	LCH	QPSK	RB1#0	21.35	-6.08	15.27	0.034	2.000	Pass
			RB1#3	21.31	-6.08	15.23	0.033	2.000	Pass
			RB1#5	21.31	-6.08	15.23	0.033	2.000	Pass
			RB3#0	21.2	-6.08	15.12	0.033	2.000	Pass
			RB3#2	21.27	-6.08	15.19	0.033	2.000	Pass
			RB3#3	21.19	-6.08	15.11	0.032	2.000	Pass
			RB6#0	20.3	-6.08	14.22	0.026	2.000	Pass
		16-QAM	RB1#0	20.85	-6.08	14.77	0.030	2.000	Pass
			RB1#3	20.83	-6.08	14.75	0.030	2.000	Pass
			RB1#5	20.84	-6.08	14.76	0.030	2.000	Pass
			RB3#0	20.35	-6.08	14.27	0.027	2.000	Pass
			RB3#2	20.39	-6.08	14.31	0.027	2.000	Pass
			RB3#3	20.34	-6.08	14.26	0.027	2.000	Pass
			RB6#0	18.12	-6.08	12.04	0.016	2.000	Pass
	MCH	QPSK	RB1#0	20.76	-6.08	14.68	0.029	2.000	Pass
			RB1#3	20.67	-6.08	14.59	0.029	2.000	Pass
			RB1#5	20.85	-6.08	14.77	0.030	2.000	Pass
			RB3#0	20.88	-6.08	14.80	0.030	2.000	Pass
			RB3#2	20.87	-6.08	14.79	0.030	2.000	Pass
			RB3#3	21.23	-6.08	15.15	0.033	2.000	Pass
			RB6#0	19.72	-6.08	13.64	0.023	2.000	Pass
		16-QAM	RB1#0	19.4	-6.08	13.32	0.021	2.000	Pass
			RB1#3	19.43	-6.08	13.35	0.022	2.000	Pass
			RB1#5	19.76	-6.08	13.68	0.023	2.000	Pass
			RB3#0	19.99	-6.08	13.91	0.025	2.000	Pass
			RB3#2	19.98	-6.08	13.90	0.025	2.000	Pass
			RB3#3	20.31	-6.08	14.23	0.026	2.000	Pass
			RB6#0	18.17	-6.08	12.09	0.016	2.000	Pass
	HCH	QPSK	RB1#0	20.99	-6.08	14.91	0.031	2.000	Pass
			RB1#3	20.94	-6.08	14.86	0.031	2.000	Pass
			RB1#5	20.99	-6.08	14.91	0.031	2.000	Pass
			RB3#0	21.04	-6.08	14.96	0.031	2.000	Pass
			RB3#2	21.06	-6.08	14.98	0.031	2.000	Pass
			RB3#3	21.03	-6.08	14.95	0.031	2.000	Pass
			RB6#0	20.06	-6.08	13.98	0.025	2.000	Pass
		16-QAM	RB1#0	20.06	-6.08	13.98	0.025	2.000	Pass
			RB1#3	20.12	-6.08	14.04	0.025	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 2									
3 MHz			RB1#5	20.13	-6.08	14.05	0.025	2.000	Pass
			RB3#0	20.09	-6.08	14.01	0.025	2.000	Pass
			RB3#2	20.07	-6.08	13.99	0.025	2.000	Pass
			RB3#3	20.04	-6.08	13.96	0.025	2.000	Pass
			RB6#0	18.23	-6.08	12.15	0.016	2.000	Pass
	LCH	QPSK	RB1#0	21.24	-6.08	15.16	0.033	2.000	Pass
			RB1#7	21.23	-6.08	15.15	0.033	2.000	Pass
			RB1#14	21.19	-6.08	15.11	0.032	2.000	Pass
			RB8#0	20.36	-6.08	14.28	0.027	2.000	Pass
			RB8#4	20.27	-6.08	14.19	0.026	2.000	Pass
			RB8#7	20.24	-6.08	14.16	0.026	2.000	Pass
			RB15#0	20.23	-6.08	14.15	0.026	2.000	Pass
		16-QAM	RB1#0	20.42	-6.08	14.34	0.027	2.000	Pass
			RB1#7	20.37	-6.08	14.29	0.027	2.000	Pass
			RB1#14	20.34	-6.08	14.26	0.027	2.000	Pass
			RB8#0	18.27	-6.08	12.19	0.017	2.000	Pass
			RB8#4	18.38	-6.08	12.30	0.017	2.000	Pass
			RB8#7	18.38	-6.08	12.30	0.017	2.000	Pass
			RB15#0	18.27	-6.08	12.19	0.017	2.000	Pass
	MCH	QPSK	RB1#0	20.94	-6.08	14.86	0.031	2.000	Pass
			RB1#7	20.96	-6.08	14.88	0.031	2.000	Pass
			RB1#14	21.2	-6.08	15.12	0.033	2.000	Pass
			RB8#0	19.85	-6.08	13.77	0.024	2.000	Pass
			RB8#4	19.87	-6.08	13.79	0.024	2.000	Pass
			RB8#7	20.17	-6.08	14.09	0.026	2.000	Pass
			RB15#0	19.82	-6.08	13.74	0.024	2.000	Pass
		16-QAM	RB1#0	19.81	-6.08	13.73	0.024	2.000	Pass
			RB1#7	19.77	-6.08	13.69	0.023	2.000	Pass
			RB1#14	20.13	-6.08	14.05	0.025	2.000	Pass
			RB8#0	18.21	-6.08	12.13	0.016	2.000	Pass
			RB8#4	18.27	-6.08	12.19	0.017	2.000	Pass
			RB8#7	18.22	-6.08	12.14	0.016	2.000	Pass
			RB15#0	18.22	-6.08	12.14	0.016	2.000	Pass
	HCH	QPSK	RB1#0	20.92	-6.08	14.84	0.030	2.000	Pass
			RB1#7	20.94	-6.08	14.86	0.031	2.000	Pass
			RB1#14	20.97	-6.08	14.89	0.031	2.000	Pass
			RB8#0	20.06	-6.08	13.98	0.025	2.000	Pass
			RB8#4	20.06	-6.08	13.98	0.025	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 2									
			RB8#7	19.98	-6.08	13.90	0.025	2.000	Pass
			RB15#0	20.03	-6.08	13.95	0.025	2.000	Pass
		16-QAM	RB1#0	19.75	-6.08	13.67	0.023	2.000	Pass
			RB1#7	19.72	-6.08	13.64	0.023	2.000	Pass
			RB1#14	19.69	-6.08	13.61	0.023	2.000	Pass
			RB8#0	18.28	-6.08	12.20	0.017	2.000	Pass
			RB8#4	18.35	-6.08	12.27	0.017	2.000	Pass
			RB8#7	18.29	-6.08	12.21	0.017	2.000	Pass
			RB15#0	18.33	-6.08	12.25	0.017	2.000	Pass
5 MHz	LCH	QPSK	RB1#0	21.2	-6.08	15.12	0.033	2.000	Pass
			RB1#13	21.27	-6.08	15.19	0.033	2.000	Pass
			RB1#24	21.16	-6.08	15.08	0.032	2.000	Pass
			RB12#0	20.35	-6.08	14.27	0.027	2.000	Pass
			RB12#6	20.4	-6.08	14.32	0.027	2.000	Pass
			RB12#13	20.31	-6.08	14.23	0.026	2.000	Pass
			RB25#0	20.27	-6.08	14.19	0.026	2.000	Pass
		16-QAM	RB1#0	19.52	-6.08	13.44	0.022	2.000	Pass
			RB1#13	19.52	-6.08	13.44	0.022	2.000	Pass
			RB1#24	19.58	-6.08	13.50	0.022	2.000	Pass
			RB12#0	17.98	-6.08	11.90	0.015	2.000	Pass
			RB12#6	18.2	-6.08	12.12	0.016	2.000	Pass
			RB12#13	18.13	-6.08	12.05	0.016	2.000	Pass
			RB25#0	18.15	-6.08	12.07	0.016	2.000	Pass
	MCH	QPSK	RB1#0	21.24	-6.08	15.16	0.033	2.000	Pass
			RB1#13	20.95	-6.08	14.87	0.031	2.000	Pass
			RB1#24	21.03	-6.08	14.95	0.031	2.000	Pass
			RB12#0	19.89	-6.08	13.81	0.024	2.000	Pass
			RB12#6	19.81	-6.08	13.73	0.024	2.000	Pass
			RB12#13	20.07	-6.08	13.99	0.025	2.000	Pass
			RB25#0	19.85	-6.08	13.77	0.024	2.000	Pass
		16-QAM	RB1#0	19.92	-6.08	13.84	0.024	2.000	Pass
			RB1#13	19.65	-6.08	13.57	0.023	2.000	Pass
			RB1#24	19.77	-6.08	13.69	0.023	2.000	Pass
			RB12#0	18.14	-6.08	12.06	0.016	2.000	Pass
			RB12#6	18.28	-6.08	12.20	0.017	2.000	Pass
			RB12#13	18.11	-6.08	12.03	0.016	2.000	Pass
			RB25#0	18.14	-6.08	12.06	0.016	2.000	Pass
	HCH	QPSK	RB1#0	20.83	-6.08	14.75	0.030	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 2									
			RB1#13	20.9	-6.08	14.82	0.030	2.000	Pass
			RB1#24	20.93	-6.08	14.85	0.031	2.000	Pass
			RB12#0	20.11	-6.08	14.03	0.025	2.000	Pass
			RB12#6	20.03	-6.08	13.95	0.025	2.000	Pass
			RB12#13	20.01	-6.08	13.93	0.025	2.000	Pass
			RB25#0	19.96	-6.08	13.88	0.024	2.000	Pass
		16-QAM	RB1#0	19.73	-6.08	13.65	0.023	2.000	Pass
			RB1#13	19.75	-6.08	13.67	0.023	2.000	Pass
			RB1#24	19.8	-6.08	13.72	0.024	2.000	Pass
			RB12#0	18.09	-6.08	12.01	0.016	2.000	Pass
			RB12#6	18.26	-6.08	12.18	0.017	2.000	Pass
			RB12#13	18.11	-6.08	12.03	0.016	2.000	Pass
			RB25#0	18.19	-6.08	12.11	0.016	2.000	Pass
10 MHz	LCH	QPSK	RB1#0	21.19	-6.08	15.11	0.032	2.000	Pass
			RB1#25	21.16	-6.08	15.08	0.032	2.000	Pass
			RB1#49	21.14	-6.08	15.06	0.032	2.000	Pass
			RB25#0	20.37	-6.08	14.29	0.027	2.000	Pass
			RB25#13	20.37	-6.08	14.29	0.027	2.000	Pass
			RB25#25	20.27	-6.08	14.19	0.026	2.000	Pass
			RB50#0	20.22	-6.08	14.14	0.026	2.000	Pass
		16-QAM	RB1#0	20.36	-6.08	14.28	0.027	2.000	Pass
			RB1#25	20.41	-6.08	14.33	0.027	2.000	Pass
			RB1#49	20.4	-6.08	14.32	0.027	2.000	Pass
			RB25#0	17.98	-6.08	11.90	0.015	2.000	Pass
			RB25#13	18.15	-6.08	12.07	0.016	2.000	Pass
			RB25#25	18.46	-6.08	12.38	0.017	2.000	Pass
			RB50#0	18.22	-6.08	12.14	0.016	2.000	Pass
	MCH	QPSK	RB1#0	20.94	-6.08	14.86	0.031	2.000	Pass
			RB1#25	20.83	-6.08	14.75	0.030	2.000	Pass
			RB1#49	20.88	-6.08	14.80	0.030	2.000	Pass
			RB25#0	20.23	-6.08	14.15	0.026	2.000	Pass
			RB25#13	19.82	-6.08	13.74	0.024	2.000	Pass
			RB25#25	19.84	-6.08	13.76	0.024	2.000	Pass
			RB50#0	19.84	-6.08	13.76	0.024	2.000	Pass
		16-QAM	RB1#0	20.07	-6.08	13.99	0.025	2.000	Pass
			RB1#25	19.94	-6.08	13.86	0.024	2.000	Pass
			RB1#49	19.93	-6.08	13.85	0.024	2.000	Pass
			RB25#0	18.28	-6.08	12.20	0.017	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 2									
15 MHz	HCH		RB25#13	18.29	-6.08	12.21	0.017	2.000	Pass
			RB25#25	18.44	-6.08	12.36	0.017	2.000	Pass
			RB50#0	18.37	-6.08	12.29	0.017	2.000	Pass
		QPSK	RB1#0	21	-6.08	14.92	0.031	2.000	Pass
			RB1#25	20.87	-6.08	14.79	0.030	2.000	Pass
			RB1#49	20.94	-6.08	14.86	0.031	2.000	Pass
			RB25#0	20.14	-6.08	14.06	0.025	2.000	Pass
			RB25#13	19.98	-6.08	13.90	0.025	2.000	Pass
			RB25#25	19.96	-6.08	13.88	0.024	2.000	Pass
			RB50#0	20	-6.08	13.92	0.025	2.000	Pass
		16-QAM	RB1#0	19.89	-6.08	13.81	0.024	2.000	Pass
			RB1#25	19.65	-6.08	13.57	0.023	2.000	Pass
			RB1#49	19.69	-6.08	13.61	0.023	2.000	Pass
			RB25#0	18.57	-6.08	12.49	0.018	2.000	Pass
			RB25#13	18.49	-6.08	12.41	0.017	2.000	Pass
			RB25#25	18.58	-6.08	12.50	0.018	2.000	Pass
			RB50#0	18.51	-6.08	12.43	0.017	2.000	Pass
15 MHz	LCH	QPSK	RB1#0	21.19	-6.08	15.11	0.032	2.000	Pass
			RB1#38	21.16	-6.08	15.08	0.032	2.000	Pass
			RB1#74	20.86	-6.08	14.78	0.030	2.000	Pass
			RB36#0	20.22	-6.08	14.14	0.026	2.000	Pass
			RB36#19	20.26	-6.08	14.18	0.026	2.000	Pass
			RB36#39	20.01	-6.08	13.93	0.025	2.000	Pass
			RB75#0	20.22	-6.08	14.14	0.026	2.000	Pass
		16-QAM	RB1#0	20.59	-6.08	14.51	0.028	2.000	Pass
			RB1#38	20.56	-6.08	14.48	0.028	2.000	Pass
			RB1#74	20.3	-6.08	14.22	0.026	2.000	Pass
			RB36#0	18.03	-6.08	11.95	0.016	2.000	Pass
			RB36#19	18.14	-6.08	12.06	0.016	2.000	Pass
			RB36#39	18.36	-6.08	12.28	0.017	2.000	Pass
			RB75#0	18.24	-6.08	12.16	0.016	2.000	Pass
	MCH	QPSK	RB1#0	21.08	-6.08	15.00	0.032	2.000	Pass
			RB1#38	20.78	-6.08	14.70	0.030	2.000	Pass
			RB1#74	20.79	-6.08	14.71	0.030	2.000	Pass
			RB36#0	20.12	-6.08	14.04	0.025	2.000	Pass
			RB36#19	19.93	-6.08	13.85	0.024	2.000	Pass
			RB36#39	19.94	-6.08	13.86	0.024	2.000	Pass
			RB75#0	19.85	-6.08	13.77	0.024	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 2									
20 MHz		16-QAM	RB1#0	20.4	-6.08	14.32	0.027	2.000	Pass
			RB1#38	20.19	-6.08	14.11	0.026	2.000	Pass
			RB1#74	20.17	-6.08	14.09	0.026	2.000	Pass
			RB36#0	18.42	-6.08	12.34	0.017	2.000	Pass
			RB36#19	18.26	-6.08	12.18	0.017	2.000	Pass
			RB36#39	18.29	-6.08	12.21	0.017	2.000	Pass
			RB75#0	18.39	-6.08	12.31	0.017	2.000	Pass
	HCH	QPSK	RB1#0	20.9	-6.08	14.82	0.030	2.000	Pass
			RB1#38	21.13	-6.08	15.05	0.032	2.000	Pass
			RB1#74	21	-6.08	14.92	0.031	2.000	Pass
			RB36#0	19.84	-6.08	13.76	0.024	2.000	Pass
			RB36#19	20.03	-6.08	13.95	0.025	2.000	Pass
			RB36#39	19.96	-6.08	13.88	0.024	2.000	Pass
			RB75#0	20.15	-6.08	14.07	0.026	2.000	Pass
		16-QAM	RB1#0	20.25	-6.08	14.17	0.026	2.000	Pass
			RB1#38	20.51	-6.08	14.43	0.028	2.000	Pass
			RB1#74	20.3	-6.08	14.22	0.026	2.000	Pass
			RB36#0	18.5	-6.08	12.42	0.017	2.000	Pass
			RB36#19	18.21	-6.08	12.13	0.016	2.000	Pass
			RB36#39	18.07	-6.08	11.99	0.016	2.000	Pass
			RB75#0	18.31	-6.08	12.23	0.017	2.000	Pass
20 MHz	LCH	QPSK	RB1#0	21.32	-6.08	15.24	0.033	2.000	Pass
			RB1#50	21.2	-6.08	15.12	0.033	2.000	Pass
			RB1#99	21.11	-6.08	15.03	0.032	2.000	Pass
			RB50#0	20.33	-6.08	14.25	0.027	2.000	Pass
			RB50#25	20.29	-6.08	14.21	0.026	2.000	Pass
			RB50#50	19.93	-6.08	13.85	0.024	2.000	Pass
			RB100#0	20.15	-6.08	14.07	0.026	2.000	Pass
		16-QAM	RB1#0	20.29	-6.08	14.21	0.026	2.000	Pass
			RB1#50	20.34	-6.08	14.26	0.027	2.000	Pass
			RB1#99	20.07	-6.08	13.99	0.025	2.000	Pass
			RB50#0	18.04	-6.08	11.96	0.016	2.000	Pass
			RB50#25	18.29	-6.08	12.21	0.017	2.000	Pass
			RB50#50	18.7	-6.08	12.62	0.018	2.000	Pass
			RB100#0	18.43	-6.08	12.35	0.017	2.000	Pass
	MCH	QPSK	RB1#0	21.13	-6.08	15.05	0.032	2.000	Pass
			RB1#50	20.87	-6.08	14.79	0.030	2.000	Pass
			RB1#99	20.73	-6.08	14.65	0.029	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 2									
			RB50#0	19.94	-6.08	13.86	0.024	2.000	Pass
			RB50#25	19.74	-6.08	13.66	0.023	2.000	Pass
			RB50#50	19.82	-6.08	13.74	0.024	2.000	Pass
			RB100#0	19.75	-6.08	13.67	0.023	2.000	Pass
		16-QAM	RB1#0	20.22	-6.08	14.14	0.026	2.000	Pass
			RB1#50	19.79	-6.08	13.71	0.023	2.000	Pass
			RB1#99	19.84	-6.08	13.76	0.024	2.000	Pass
			RB50#0	18.51	-6.08	12.43	0.017	2.000	Pass
			RB50#25	18.34	-6.08	12.26	0.017	2.000	Pass
			RB50#50	18.7	-6.08	12.62	0.018	2.000	Pass
			RB100#0	18.62	-6.08	12.54	0.018	2.000	Pass
	HCH	QPSK	RB1#0	20.93	-6.08	14.85	0.031	2.000	Pass
			RB1#50	20.87	-6.08	14.79	0.030	2.000	Pass
			RB1#99	21.02	-6.08	14.94	0.031	2.000	Pass
			RB50#0	20.04	-6.08	13.96	0.025	2.000	Pass
			RB50#25	19.85	-6.08	13.77	0.024	2.000	Pass
			RB50#50	19.94	-6.08	13.86	0.024	2.000	Pass
			RB100#0	19.88	-6.08	13.80	0.024	2.000	Pass
		16-QAM	RB1#0	20.68	-6.08	14.60	0.029	2.000	Pass
			RB1#50	20.49	-6.08	14.41	0.028	2.000	Pass
			RB1#99	20.65	-6.08	14.57	0.029	2.000	Pass
			RB50#0	18.55	-6.08	12.47	0.018	2.000	Pass
			RB50#25	18.46	-6.08	12.38	0.017	2.000	Pass
			RB50#50	18.45	-6.08	12.37	0.017	2.000	Pass
			RB100#0	18.52	-6.08	12.44	0.018	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Off set)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 4									
1.4 MHz	LCH	QPSK	RB1#0	21.24	-6.7	14.54	0.028	1.000	Pass
			RB1#3	21.24	-6.7	14.54	0.028	1.000	Pass
			RB1#5	21.28	-6.7	14.58	0.029	1.000	Pass
			RB3#0	21.28	-6.7	14.58	0.029	1.000	Pass
			RB3#2	21.32	-6.7	14.62	0.029	1.000	Pass
			RB3#3	21.26	-6.7	14.56	0.029	1.000	Pass
			RB6#0	20.21	-6.7	13.51	0.022	1.000	Pass
		16-QAM	RB1#0	20.77	-6.7	14.07	0.026	1.000	Pass
			RB1#3	20.83	-6.7	14.13	0.026	1.000	Pass
			RB1#5	20.79	-6.7	14.09	0.026	1.000	Pass
			RB3#0	20.27	-6.7	13.57	0.023	1.000	Pass
			RB3#2	20.26	-6.7	13.56	0.023	1.000	Pass
			RB3#3	20.27	-6.7	13.57	0.023	1.000	Pass
			RB6#0	19.11	-6.7	12.41	0.017	1.000	Pass
	MCH	QPSK	RB1#0	21.41	-6.7	14.71	0.030	1.000	Pass
			RB1#3	21.41	-6.7	14.71	0.030	1.000	Pass
			RB1#5	21.5	-6.7	14.80	0.030	1.000	Pass
			RB3#0	21.36	-6.7	14.66	0.029	1.000	Pass
			RB3#2	21.36	-6.7	14.66	0.029	1.000	Pass
			RB3#3	21.43	-6.7	14.73	0.030	1.000	Pass
			RB6#0	20.42	-6.7	13.72	0.024	1.000	Pass
		16-QAM	RB1#0	20.52	-6.7	13.82	0.024	1.000	Pass
			RB1#3	20.5	-6.7	13.80	0.024	1.000	Pass
			RB1#5	20.53	-6.7	13.83	0.024	1.000	Pass
			RB3#0	20.53	-6.7	13.83	0.024	1.000	Pass
			RB3#2	20.55	-6.7	13.85	0.024	1.000	Pass
			RB3#3	20.52	-6.7	13.82	0.024	1.000	Pass
			RB6#0	19.03	-6.7	12.33	0.017	1.000	Pass
	HCH	QPSK	RB1#0	21.87	-6.7	15.17	0.033	1.000	Pass
			RB1#3	21.47	-6.7	14.77	0.030	1.000	Pass
			RB1#5	21.44	-6.7	14.74	0.030	1.000	Pass
			RB3#0	21.8	-6.7	15.10	0.032	1.000	Pass
			RB3#2	21.55	-6.7	14.85	0.031	1.000	Pass
			RB3#3	21.36	-6.7	14.66	0.029	1.000	Pass
			RB6#0	20.46	-6.7	13.76	0.024	1.000	Pass
		16-QAM	RB1#0	20.79	-6.7	14.09	0.026	1.000	Pass
			RB1#3	20.39	-6.7	13.69	0.023	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 4									
3 MHz			RB1#5	20.24	-6.7	13.54	0.023	1.000	Pass
			RB3#0	20.68	-6.7	13.98	0.025	1.000	Pass
			RB3#2	20.3	-6.7	13.60	0.023	1.000	Pass
			RB3#3	20.24	-6.7	13.54	0.023	1.000	Pass
			RB6#0	18.96	-6.7	12.26	0.017	1.000	Pass
	LCH	QPSK	RB1#0	21.16	-6.7	14.46	0.028	1.000	Pass
			RB1#7	21.19	-6.7	14.49	0.028	1.000	Pass
			RB1#14	21.52	-6.7	14.82	0.030	1.000	Pass
			RB8#0	20.26	-6.7	13.56	0.023	1.000	Pass
			RB8#4	20.25	-6.7	13.55	0.023	1.000	Pass
			RB8#7	20.62	-6.7	13.92	0.025	1.000	Pass
			RB15#0	20.21	-6.7	13.51	0.022	1.000	Pass
		16-QAM	RB1#0	20.31	-6.7	13.61	0.023	1.000	Pass
			RB1#7	20.29	-6.7	13.59	0.023	1.000	Pass
			RB1#14	20.81	-6.7	14.11	0.026	1.000	Pass
			RB8#0	19.44	-6.7	12.74	0.019	1.000	Pass
			RB8#4	19.55	-6.7	12.85	0.019	1.000	Pass
			RB8#7	19.45	-6.7	12.75	0.019	1.000	Pass
			RB15#0	19.34	-6.7	12.64	0.018	1.000	Pass
	MCH	QPSK	RB1#0	21.34	-6.7	14.64	0.029	1.000	Pass
			RB1#7	21.33	-6.7	14.63	0.029	1.000	Pass
			RB1#14	21.31	-6.7	14.61	0.029	1.000	Pass
			RB8#0	20.33	-6.7	13.63	0.023	1.000	Pass
			RB8#4	20.35	-6.7	13.65	0.023	1.000	Pass
			RB8#7	20.43	-6.7	13.73	0.024	1.000	Pass
			RB15#0	20.42	-6.7	13.72	0.024	1.000	Pass
		16-QAM	RB1#0	21.05	-6.7	14.35	0.027	1.000	Pass
			RB1#7	21.09	-6.7	14.39	0.027	1.000	Pass
			RB1#14	21.1	-6.7	14.40	0.028	1.000	Pass
			RB8#0	19.18	-6.7	12.48	0.018	1.000	Pass
			RB8#4	19.28	-6.7	12.58	0.018	1.000	Pass
			RB8#7	19.1	-6.7	12.40	0.017	1.000	Pass
			RB15#0	19.06	-6.7	12.36	0.017	1.000	Pass
	HCH	QPSK	RB1#0	21.73	-6.7	15.03	0.032	1.000	Pass
			RB1#7	21.69	-6.7	14.99	0.032	1.000	Pass
			RB1#14	21.36	-6.7	14.66	0.029	1.000	Pass
			RB8#0	20.84	-6.7	14.14	0.026	1.000	Pass
			RB8#4	20.61	-6.7	13.91	0.025	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 4									
			RB8#7	20.42	-6.7	13.72	0.024	1.000	Pass
			RB15#0	20.8	-6.7	14.10	0.026	1.000	Pass
		16-QAM	RB1#0	20.4	-6.7	13.70	0.023	1.000	Pass
			RB1#7	20.22	-6.7	13.52	0.022	1.000	Pass
			RB1#14	19.91	-6.7	13.21	0.021	1.000	Pass
			RB8#0	19.08	-6.7	12.38	0.017	1.000	Pass
			RB8#4	19.17	-6.7	12.47	0.018	1.000	Pass
			RB8#7	19.16	-6.7	12.46	0.018	1.000	Pass
			RB15#0	19.19	-6.7	12.49	0.018	1.000	Pass
5 MHz	LCH	QPSK	RB1#0	21.11	-6.7	14.41	0.028	1.000	Pass
			RB1#13	21.48	-6.7	14.78	0.030	1.000	Pass
			RB1#24	21.1	-6.7	14.40	0.028	1.000	Pass
			RB12#0	20.16	-6.7	13.46	0.022	1.000	Pass
			RB12#6	20.59	-6.7	13.89	0.024	1.000	Pass
			RB12#13	20.66	-6.7	13.96	0.025	1.000	Pass
			RB25#0	20.61	-6.7	13.91	0.025	1.000	Pass
		16-QAM	RB1#0	19.39	-6.7	12.69	0.019	1.000	Pass
			RB1#13	19.76	-6.7	13.06	0.020	1.000	Pass
			RB1#24	19.29	-6.7	12.59	0.018	1.000	Pass
			RB12#0	19.07	-6.7	12.37	0.017	1.000	Pass
			RB12#6	19.31	-6.7	12.61	0.018	1.000	Pass
			RB12#13	19.24	-6.7	12.54	0.018	1.000	Pass
			RB25#0	19.28	-6.7	12.58	0.018	1.000	Pass
	MCH	QPSK	RB1#0	21.37	-6.7	14.67	0.029	1.000	Pass
			RB1#13	21.34	-6.7	14.64	0.029	1.000	Pass
			RB1#24	21.39	-6.7	14.69	0.029	1.000	Pass
			RB12#0	20.3	-6.7	13.60	0.023	1.000	Pass
			RB12#6	20.36	-6.7	13.66	0.023	1.000	Pass
			RB12#13	20.36	-6.7	13.66	0.023	1.000	Pass
			RB25#0	20.37	-6.7	13.67	0.023	1.000	Pass
		16-QAM	RB1#0	20.24	-6.7	13.54	0.023	1.000	Pass
			RB1#13	20.27	-6.7	13.57	0.023	1.000	Pass
			RB1#24	20.3	-6.7	13.60	0.023	1.000	Pass
			RB12#0	18.93	-6.7	12.23	0.017	1.000	Pass
			RB12#6	19.14	-6.7	12.44	0.018	1.000	Pass
			RB12#13	19.01	-6.7	12.31	0.017	1.000	Pass
			RB25#0	19	-6.7	12.30	0.017	1.000	Pass
	HCH	QPSK	RB1#0	21.59	-6.7	14.89	0.031	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 4									
			RB1#13	21.5	-6.7	14.80	0.030	1.000	Pass
			RB1#24	21.2	-6.7	14.50	0.028	1.000	Pass
			RB12#0	20.79	-6.7	14.09	0.026	1.000	Pass
			RB12#6	20.68	-6.7	13.98	0.025	1.000	Pass
			RB12#13	20.76	-6.7	14.06	0.025	1.000	Pass
			RB25#0	20.76	-6.7	14.06	0.025	1.000	Pass
		16-QAM	RB1#0	20.32	-6.7	13.62	0.023	1.000	Pass
			RB1#13	20.37	-6.7	13.67	0.023	1.000	Pass
			RB1#24	20.07	-6.7	13.37	0.022	1.000	Pass
			RB12#0	18.99	-6.7	12.29	0.017	1.000	Pass
			RB12#6	19.17	-6.7	12.47	0.018	1.000	Pass
			RB12#13	19.03	-6.7	12.33	0.017	1.000	Pass
			RB25#0	19.13	-6.7	12.43	0.017	1.000	Pass
10 MHz	LCH	QPSK	RB1#0	21.23	-6.7	14.53	0.028	1.000	Pass
			RB1#25	21.29	-6.7	14.59	0.029	1.000	Pass
			RB1#49	21.34	-6.7	14.64	0.029	1.000	Pass
			RB25#0	20.71	-6.7	14.01	0.025	1.000	Pass
			RB25#13	20.27	-6.7	13.57	0.023	1.000	Pass
			RB25#25	20.72	-6.7	14.02	0.025	1.000	Pass
			RB50#0	20.32	-6.7	13.62	0.023	1.000	Pass
		16-QAM	RB1#0	20.64	-6.7	13.94	0.025	1.000	Pass
			RB1#25	20.66	-6.7	13.96	0.025	1.000	Pass
			RB1#49	20.78	-6.7	14.08	0.026	1.000	Pass
			RB25#0	19.33	-6.7	12.63	0.018	1.000	Pass
			RB25#13	19.45	-6.7	12.75	0.019	1.000	Pass
			RB25#25	19.75	-6.7	13.05	0.020	1.000	Pass
			RB50#0	19.52	-6.7	12.82	0.019	1.000	Pass
	MCH	QPSK	RB1#0	21.45	-6.7	14.75	0.030	1.000	Pass
			RB1#25	21.51	-6.7	14.81	0.030	1.000	Pass
			RB1#49	21.5	-6.7	14.80	0.030	1.000	Pass
			RB25#0	20.49	-6.7	13.79	0.024	1.000	Pass
			RB25#13	20.38	-6.7	13.68	0.023	1.000	Pass
			RB25#25	20.42	-6.7	13.72	0.024	1.000	Pass
			RB50#0	20.5	-6.7	13.80	0.024	1.000	Pass
		16-QAM	RB1#0	20.5	-6.7	13.80	0.024	1.000	Pass
			RB1#25	20.63	-6.7	13.93	0.025	1.000	Pass
			RB1#49	20.51	-6.7	13.81	0.024	1.000	Pass
			RB25#0	19.32	-6.7	12.62	0.018	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 4									
15 MHz	HCH		RB25#13	19.3	-6.7	12.60	0.018	1.000	Pass
			RB25#25	19.48	-6.7	12.78	0.019	1.000	Pass
			RB50#0	19.32	-6.7	12.62	0.018	1.000	Pass
		QPSK	RB1#0	21.92	-6.7	15.22	0.033	1.000	Pass
			RB1#25	21.64	-6.7	14.94	0.031	1.000	Pass
			RB1#49	21.57	-6.7	14.87	0.031	1.000	Pass
			RB25#0	20.73	-6.7	14.03	0.025	1.000	Pass
			RB25#13	20.56	-6.7	13.86	0.024	1.000	Pass
			RB25#25	20.78	-6.7	14.08	0.026	1.000	Pass
			RB50#0	20.62	-6.7	13.92	0.025	1.000	Pass
		16-QAM	RB1#0	20.36	-6.7	13.66	0.023	1.000	Pass
			RB1#25	20.1	-6.7	13.40	0.022	1.000	Pass
			RB1#49	19.99	-6.7	13.29	0.021	1.000	Pass
			RB25#0	19.26	-6.7	12.56	0.018	1.000	Pass
			RB25#13	19.36	-6.7	12.66	0.018	1.000	Pass
			RB25#25	19.57	-6.7	12.87	0.019	1.000	Pass
			RB50#0	19.39	-6.7	12.69	0.019	1.000	Pass
15 MHz	LCH	QPSK	RB1#0	21.17	-6.7	14.47	0.028	1.000	Pass
			RB1#38	21.61	-6.7	14.91	0.031	1.000	Pass
			RB1#74	21.33	-6.7	14.63	0.029	1.000	Pass
			RB36#0	20.36	-6.7	13.66	0.023	1.000	Pass
			RB36#19	20.65	-6.7	13.95	0.025	1.000	Pass
			RB36#39	20.78	-6.7	14.08	0.026	1.000	Pass
			RB75#0	20.74	-6.7	14.04	0.025	1.000	Pass
		16-QAM	RB1#0	20.41	-6.7	13.71	0.023	1.000	Pass
			RB1#38	20.81	-6.7	14.11	0.026	1.000	Pass
			RB1#74	20.5	-6.7	13.80	0.024	1.000	Pass
			RB36#0	19.44	-6.7	12.74	0.019	1.000	Pass
			RB36#19	19.51	-6.7	12.81	0.019	1.000	Pass
			RB36#39	19.69	-6.7	12.99	0.020	1.000	Pass
			RB75#0	19.6	-6.7	12.90	0.019	1.000	Pass
	MCH	QPSK	RB1#0	21.51	-6.7	14.81	0.030	1.000	Pass
			RB1#38	21.58	-6.7	14.88	0.031	1.000	Pass
			RB1#74	21.91	-6.7	15.21	0.033	1.000	Pass
			RB36#0	20.84	-6.7	14.14	0.026	1.000	Pass
			RB36#19	20.48	-6.7	13.78	0.024	1.000	Pass
			RB36#39	20.37	-6.7	13.67	0.023	1.000	Pass
			RB75#0	20.47	-6.7	13.77	0.024	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 4									
20 MHz		16-QAM	RB1#0	20.54	-6.7	13.84	0.024	1.000	Pass
			RB1#38	20.56	-6.7	13.86	0.024	1.000	Pass
			RB1#74	21.03	-6.7	14.33	0.027	1.000	Pass
			RB36#0	19.32	-6.7	12.62	0.018	1.000	Pass
			RB36#19	19.33	-6.7	12.63	0.018	1.000	Pass
			RB36#39	19.51	-6.7	12.81	0.019	1.000	Pass
			RB75#0	19.35	-6.7	12.65	0.018	1.000	Pass
	HCH	QPSK	RB1#0	21.61	-6.7	14.91	0.031	1.000	Pass
			RB1#38	21.87	-6.7	15.17	0.033	1.000	Pass
			RB1#74	21.53	-6.7	14.83	0.030	1.000	Pass
			RB36#0	20.72	-6.7	14.02	0.025	1.000	Pass
			RB36#19	20.86	-6.7	14.16	0.026	1.000	Pass
			RB36#39	20.78	-6.7	14.08	0.026	1.000	Pass
			RB75#0	20.74	-6.7	14.04	0.025	1.000	Pass
		16-QAM	RB1#0	20.86	-6.7	14.16	0.026	1.000	Pass
			RB1#38	21.17	-6.7	14.47	0.028	1.000	Pass
			RB1#74	20.76	-6.7	14.06	0.025	1.000	Pass
			RB36#0	19.17	-6.7	12.47	0.018	1.000	Pass
			RB36#19	19.11	-6.7	12.41	0.017	1.000	Pass
			RB36#39	19.22	-6.7	12.52	0.018	1.000	Pass
			RB75#0	19.18	-6.7	12.48	0.018	1.000	Pass
20 MHz	LCH	QPSK	RB1#0	21.31	-6.7	14.61	0.029	1.000	Pass
			RB1#50	21.42	-6.7	14.72	0.030	1.000	Pass
			RB1#99	21.77	-6.7	15.07	0.032	1.000	Pass
			RB50#0	20.34	-6.7	13.64	0.023	1.000	Pass
			RB50#25	20.44	-6.7	13.74	0.024	1.000	Pass
			RB50#50	20.42	-6.7	13.72	0.024	1.000	Pass
			RB100#0	20.38	-6.7	13.68	0.023	1.000	Pass
		16-QAM	RB1#0	20.17	-6.7	13.47	0.022	1.000	Pass
			RB1#50	20.3	-6.7	13.60	0.023	1.000	Pass
			RB1#99	20.62	-6.7	13.92	0.025	1.000	Pass
			RB50#0	19.23	-6.7	12.53	0.018	1.000	Pass
			RB50#25	19.42	-6.7	12.72	0.019	1.000	Pass
			RB50#50	19.83	-6.7	13.13	0.021	1.000	Pass
			RB100#0	19.59	-6.7	12.89	0.019	1.000	Pass
	MCH	QPSK	RB1#0	21.41	-6.7	14.71	0.030	1.000	Pass
			RB1#50	21.47	-6.7	14.77	0.030	1.000	Pass
			RB1#99	21.46	-6.7	14.76	0.030	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 4									
			RB50#0	20.4	-6.7	13.70	0.023	1.000	Pass
			RB50#25	20.45	-6.7	13.75	0.024	1.000	Pass
			RB50#50	20.37	-6.7	13.67	0.023	1.000	Pass
			RB100#0	20.48	-6.7	13.78	0.024	1.000	Pass
		16-QAM	RB1#0	20.83	-6.7	14.13	0.026	1.000	Pass
			RB1#50	20.89	-6.7	14.19	0.026	1.000	Pass
			RB1#99	20.86	-6.7	14.16	0.026	1.000	Pass
			RB50#0	19.23	-6.7	12.53	0.018	1.000	Pass
			RB50#25	19.34	-6.7	12.64	0.018	1.000	Pass
			RB50#50	19.76	-6.7	13.06	0.020	1.000	Pass
			RB100#0	19.53	-6.7	12.83	0.019	1.000	Pass
	HCH	QPSK	RB1#0	21.61	-6.7	14.91	0.031	1.000	Pass
			RB1#50	21.89	-6.7	15.19	0.033	1.000	Pass
			RB1#99	21.89	-6.7	15.19	0.033	1.000	Pass
			RB50#0	20.45	-6.7	13.75	0.024	1.000	Pass
			RB50#25	20.83	-6.7	14.13	0.026	1.000	Pass
			RB50#50	20.51	-6.7	13.81	0.024	1.000	Pass
			RB100#0	20.81	-6.7	14.11	0.026	1.000	Pass
		16-QAM	RB1#0	20.98	-6.7	14.28	0.027	1.000	Pass
			RB1#50	21.41	-6.7	14.71	0.030	1.000	Pass
			RB1#99	21.33	-6.7	14.63	0.029	1.000	Pass
			RB50#0	19.03	-6.7	12.33	0.017	1.000	Pass
			RB50#25	19.13	-6.7	12.43	0.017	1.000	Pass
			RB50#50	19.57	-6.7	12.87	0.019	1.000	Pass
			RB100#0	19.35	-6.7	12.65	0.018	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE Band 5										
1.4 MHz	LCH	QPSK	RB1#0	21.83	-8.42	-10.57	11.26	0.013	7.000	Pass
			RB1#3	21.8	-8.42	-10.57	11.23	0.013	7.000	Pass
			RB1#5	21.93	-8.42	-10.57	11.36	0.014	7.000	Pass
			RB3#0	21.89	-8.42	-10.57	11.32	0.014	7.000	Pass
			RB3#2	21.95	-8.42	-10.57	11.38	0.014	7.000	Pass
			RB3#3	21.91	-8.42	-10.57	11.34	0.014	7.000	Pass
			RB6#0	20.88	-8.42	-10.57	10.31	0.011	7.000	Pass
		16-QAM	RB1#0	21	-8.42	-10.57	10.43	0.011	7.000	Pass
			RB1#3	21.06	-8.42	-10.57	10.49	0.011	7.000	Pass
			RB1#5	21.07	-8.42	-10.57	10.50	0.011	7.000	Pass
			RB3#0	20.74	-8.42	-10.57	10.17	0.010	7.000	Pass
			RB3#2	20.69	-8.42	-10.57	10.12	0.010	7.000	Pass
			RB3#3	20.76	-8.42	-10.57	10.19	0.010	7.000	Pass
			RB6#0	18.67	-8.42	-10.57	8.10	0.006	7.000	Pass
	MCH	QPSK	RB1#0	21.57	-8.42	-10.57	11.00	0.013	7.000	Pass
			RB1#3	21.72	-8.42	-10.57	11.15	0.013	7.000	Pass
			RB1#5	21.65	-8.42	-10.57	11.08	0.013	7.000	Pass
			RB3#0	21.61	-8.42	-10.57	11.04	0.013	7.000	Pass
			RB3#2	21.37	-8.42	-10.57	10.80	0.012	7.000	Pass
			RB3#3	21.56	-8.42	-10.57	10.99	0.013	7.000	Pass
			RB6#0	20.51	-8.42	-10.57	9.94	0.010	7.000	Pass
		16-QAM	RB1#0	19.9	-8.42	-10.57	9.33	0.009	7.000	Pass
			RB1#3	20.1	-8.42	-10.57	9.53	0.009	7.000	Pass
			RB1#5	20.06	-8.42	-10.57	9.49	0.009	7.000	Pass
			RB3#0	20.29	-8.42	-10.57	9.72	0.009	7.000	Pass
			RB3#2	20.33	-8.42	-10.57	9.76	0.009	7.000	Pass
			RB3#3	20.27	-8.42	-10.57	9.70	0.009	7.000	Pass
			RB6#0	18.79	-8.42	-10.57	8.22	0.007	7.000	Pass
	HCH	QPSK	RB1#0	21.78	-8.42	-10.57	11.21	0.013	7.000	Pass
			RB1#3	21.58	-8.42	-10.57	11.01	0.013	7.000	Pass
			RB1#5	21.54	-8.42	-10.57	10.97	0.013	7.000	Pass
			RB3#0	21.8	-8.42	-10.57	11.23	0.013	7.000	Pass
			RB3#2	21.52	-8.42	-10.57	10.95	0.012	7.000	Pass
			RB3#3	21.48	-8.42	-10.57	10.91	0.012	7.000	Pass
			RB6#0	20.36	-8.42	-10.57	9.79	0.010	7.000	Pass
		16-QAM	RB1#0	21.32	-8.42	-10.57	10.75	0.012	7.000	Pass
			RB1#3	20.73	-8.42	-10.57	10.16	0.010	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE Band 5										
3 MHz			RB1#5	20.77	-8.42	-10.57	10.20	0.010	7.000	Pass
			RB3#0	20.66	-8.42	-10.57	10.09	0.010	7.000	Pass
			RB3#2	20.26	-8.42	-10.57	9.69	0.009	7.000	Pass
			RB3#3	20.2	-8.42	-10.57	9.63	0.009	7.000	Pass
			RB6#0	18.73	-8.42	-10.57	8.16	0.007	7.000	Pass
	LCH	QPSK	RB1#0	21.72	-8.42	-10.57	11.15	0.013	7.000	Pass
			RB1#7	21.83	-8.42	-10.57	11.26	0.013	7.000	Pass
			RB1#14	21.77	-8.42	-10.57	11.20	0.013	7.000	Pass
			RB8#0	20.93	-8.42	-10.57	10.36	0.011	7.000	Pass
			RB8#4	20.87	-8.42	-10.57	10.30	0.011	7.000	Pass
			RB8#7	20.88	-8.42	-10.57	10.31	0.011	7.000	Pass
			RB15#0	20.87	-8.42	-10.57	10.30	0.011	7.000	Pass
		16-QAM	RB1#0	21.23	-8.42	-10.57	10.66	0.012	7.000	Pass
			RB1#7	21.2	-8.42	-10.57	10.63	0.012	7.000	Pass
			RB1#14	21.28	-8.42	-10.57	10.71	0.012	7.000	Pass
			RB8#0	18.96	-8.42	-10.57	8.39	0.007	7.000	Pass
			RB8#4	19.07	-8.42	-10.57	8.50	0.007	7.000	Pass
			RB8#7	19.08	-8.42	-10.57	8.51	0.007	7.000	Pass
			RB15#0	18.96	-8.42	-10.57	8.39	0.007	7.000	Pass
	MCH	QPSK	RB1#0	21.51	-8.42	-10.57	10.94	0.012	7.000	Pass
			RB1#7	21.61	-8.42	-10.57	11.04	0.013	7.000	Pass
			RB1#14	21.53	-8.42	-10.57	10.96	0.012	7.000	Pass
			RB8#0	20.44	-8.42	-10.57	9.87	0.010	7.000	Pass
			RB8#4	20.49	-8.42	-10.57	9.92	0.010	7.000	Pass
			RB8#7	20.44	-8.42	-10.57	9.87	0.010	7.000	Pass
			RB15#0	20.45	-8.42	-10.57	9.88	0.010	7.000	Pass
		16-QAM	RB1#0	20.62	-8.42	-10.57	10.05	0.010	7.000	Pass
			RB1#7	20.71	-8.42	-10.57	10.14	0.010	7.000	Pass
			RB1#14	20.64	-8.42	-10.57	10.07	0.010	7.000	Pass
			RB8#0	18.92	-8.42	-10.57	8.35	0.007	7.000	Pass
			RB8#4	18.99	-8.42	-10.57	8.42	0.007	7.000	Pass
			RB8#7	18.95	-8.42	-10.57	8.38	0.007	7.000	Pass
			RB15#0	18.94	-8.42	-10.57	8.37	0.007	7.000	Pass
	HCH	QPSK	RB1#0	21.95	-8.42	-10.57	11.38	0.014	7.000	Pass
			RB1#7	21.96	-8.42	-10.57	11.39	0.014	7.000	Pass
			RB1#14	21.55	-8.42	-10.57	10.98	0.013	7.000	Pass
			RB8#0	20.88	-8.42	-10.57	10.31	0.011	7.000	Pass
			RB8#4	20.86	-8.42	-10.57	10.29	0.011	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE Band 5										
5 MHz	LCH	16-QAM	RB8#7	20.46	-8.42	-10.57	9.89	0.010	7.000	Pass
			RB15#0	20.81	-8.42	-10.57	10.24	0.011	7.000	Pass
			RB1#0	20.64	-8.42	-10.57	10.07	0.010	7.000	Pass
			RB1#7	20.59	-8.42	-10.57	10.02	0.010	7.000	Pass
			RB1#14	20.08	-8.42	-10.57	9.51	0.009	7.000	Pass
			RB8#0	18.93	-8.42	-10.57	8.36	0.007	7.000	Pass
			RB8#4	18.95	-8.42	-10.57	8.38	0.007	7.000	Pass
			RB8#7	18.87	-8.42	-10.57	8.30	0.007	7.000	Pass
			RB15#0	18.95	-8.42	-10.57	8.38	0.007	7.000	Pass
		QPSK	RB1#0	21.97	-8.42	-10.57	11.40	0.014	7.000	Pass
			RB1#13	21.94	-8.42	-10.57	11.37	0.014	7.000	Pass
			RB1#24	21.87	-8.42	-10.57	11.30	0.013	7.000	Pass
			RB12#0	20.94	-8.42	-10.57	10.37	0.011	7.000	Pass
			RB12#6	20.96	-8.42	-10.57	10.39	0.011	7.000	Pass
			RB12#13	20.94	-8.42	-10.57	10.37	0.011	7.000	Pass
			RB25#0	20.97	-8.42	-10.57	10.40	0.011	7.000	Pass
		16-QAM	RB1#0	20.01	-8.42	-10.57	9.44	0.009	7.000	Pass
			RB1#13	20.07	-8.42	-10.57	9.50	0.009	7.000	Pass
			RB1#24	20.02	-8.42	-10.57	9.45	0.009	7.000	Pass
			RB12#0	18.75	-8.42	-10.57	8.18	0.007	7.000	Pass
			RB12#6	18.98	-8.42	-10.57	8.41	0.007	7.000	Pass
			RB12#13	18.88	-8.42	-10.57	8.31	0.007	7.000	Pass
			RB25#0	18.91	-8.42	-10.57	8.34	0.007	7.000	Pass
5 MHz	MCH	QPSK	RB1#0	21.46	-8.42	-10.57	10.89	0.012	7.000	Pass
			RB1#13	21.51	-8.42	-10.57	10.94	0.012	7.000	Pass
			RB1#24	21.44	-8.42	-10.57	10.87	0.012	7.000	Pass
			RB12#0	20.48	-8.42	-10.57	9.91	0.010	7.000	Pass
			RB12#6	20.5	-8.42	-10.57	9.93	0.010	7.000	Pass
			RB12#13	20.53	-8.42	-10.57	9.96	0.010	7.000	Pass
			RB25#0	20.52	-8.42	-10.57	9.95	0.010	7.000	Pass
		16-QAM	RB1#0	20.47	-8.42	-10.57	9.90	0.010	7.000	Pass
			RB1#13	20.62	-8.42	-10.57	10.05	0.010	7.000	Pass
			RB1#24	20.5	-8.42	-10.57	9.93	0.010	7.000	Pass
			RB12#0	18.86	-8.42	-10.57	8.29	0.007	7.000	Pass
			RB12#6	19.03	-8.42	-10.57	8.46	0.007	7.000	Pass
			RB12#13	18.9	-8.42	-10.57	8.33	0.007	7.000	Pass
			RB25#0	18.9	-8.42	-10.57	8.33	0.007	7.000	Pass
	HCH	QPSK	RB1#0	21.77	-8.42	-10.57	11.20	0.013	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE Band 5										
			RB1#13	21.84	-8.42	-10.57	11.27	0.013	7.000	Pass
			RB1#24	21.48	-8.42	-10.57	10.91	0.012	7.000	Pass
			RB12#0	20.8	-8.42	-10.57	10.23	0.011	7.000	Pass
			RB12#6	20.85	-8.42	-10.57	10.28	0.011	7.000	Pass
			RB12#13	20.86	-8.42	-10.57	10.29	0.011	7.000	Pass
			RB25#0	20.85	-8.42	-10.57	10.28	0.011	7.000	Pass
		16-QAM	RB1#0	20.53	-8.42	-10.57	9.96	0.010	7.000	Pass
			RB1#13	20.54	-8.42	-10.57	9.97	0.010	7.000	Pass
			RB1#24	20.02	-8.42	-10.57	9.45	0.009	7.000	Pass
			RB12#0	18.92	-8.42	-10.57	8.35	0.007	7.000	Pass
			RB12#6	19.02	-8.42	-10.57	8.45	0.007	7.000	Pass
			RB12#13	18.79	-8.42	-10.57	8.22	0.007	7.000	Pass
			RB25#0	18.95	-8.42	-10.57	8.38	0.007	7.000	Pass
10 MHz	LCH	QPSK	RB1#0	21.85	-8.42	-10.57	11.28	0.013	7.000	Pass
			RB1#25	21.83	-8.42	-10.57	11.26	0.013	7.000	Pass
			RB1#49	21.41	-8.42	-10.57	10.84	0.012	7.000	Pass
			RB25#0	20.93	-8.42	-10.57	10.36	0.011	7.000	Pass
			RB25#13	20.87	-8.42	-10.57	10.30	0.011	7.000	Pass
			RB25#25	20.42	-8.42	-10.57	9.85	0.010	7.000	Pass
			RB50#0	20.91	-8.42	-10.57	10.34	0.011	7.000	Pass
		16-QAM	RB1#0	20.58	-8.42	-10.57	10.01	0.010	7.000	Pass
			RB1#25	20.58	-8.42	-10.57	10.01	0.010	7.000	Pass
			RB1#49	20.12	-8.42	-10.57	9.55	0.009	7.000	Pass
			RB25#0	19.08	-8.42	-10.57	8.51	0.007	7.000	Pass
			RB25#13	19.26	-8.42	-10.57	8.69	0.007	7.000	Pass
			RB25#25	19.47	-8.42	-10.57	8.90	0.008	7.000	Pass
			RB50#0	19.24	-8.42	-10.57	8.67	0.007	7.000	Pass
	MCH	QPSK	RB1#0	21.47	-8.42	-10.57	10.90	0.012	7.000	Pass
			RB1#25	21.56	-8.42	-10.57	10.99	0.013	7.000	Pass
			RB1#49	21.9	-8.42	-10.57	11.33	0.014	7.000	Pass
			RB25#0	20.64	-8.42	-10.57	10.07	0.010	7.000	Pass
			RB25#13	20.6	-8.42	-10.57	10.03	0.010	7.000	Pass
			RB25#25	20.44	-8.42	-10.57	9.87	0.010	7.000	Pass
			RB50#0	20.62	-8.42	-10.57	10.05	0.010	7.000	Pass
		16-QAM	RB1#0	20.78	-8.42	-10.57	10.21	0.010	7.000	Pass
			RB1#25	20.98	-8.42	-10.57	10.41	0.011	7.000	Pass
			RB1#49	21.27	-8.42	-10.57	10.70	0.012	7.000	Pass
			RB25#0	19.04	-8.42	-10.57	8.47	0.007	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE Band 5										
	HCH		RB25#13	19.15	-8.42	-10.57	8.58	0.007	7.000	Pass
			RB25#25	19.29	-8.42	-10.57	8.72	0.007	7.000	Pass
			RB50#0	19.16	-8.42	-10.57	8.59	0.007	7.000	Pass
		QPSK	RB1#0	21.38	-8.42	-10.57	10.81	0.012	7.000	Pass
			RB1#25	21.38	-8.42	-10.57	10.81	0.012	7.000	Pass
			RB1#49	21.46	-8.42	-10.57	10.89	0.012	7.000	Pass
			RB25#0	20.88	-8.42	-10.57	10.31	0.011	7.000	Pass
			RB25#13	20.43	-8.42	-10.57	9.86	0.010	7.000	Pass
			RB25#25	20.89	-8.42	-10.57	10.32	0.011	7.000	Pass
			RB50#0	20.44	-8.42	-10.57	9.87	0.010	7.000	Pass
		16-QAM	RB1#0	21.1	-8.42	-10.57	10.53	0.011	7.000	Pass
			RB1#25	21.1	-8.42	-10.57	10.53	0.011	7.000	Pass
			RB1#49	21.03	-8.42	-10.57	10.46	0.011	7.000	Pass
			RB25#0	19.49	-8.42	-10.57	8.92	0.008	7.000	Pass
			RB25#13	19.46	-8.42	-10.57	8.89	0.008	7.000	Pass
			RB25#25	19.45	-8.42	-10.57	8.88	0.008	7.000	Pass
			RB50#0	19.48	-8.42	-10.57	8.91	0.008	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Off set)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 7									
5 MHz	LCH	QPSK	RB1#0	21.81	-3.15	18.66	0.073	2.000	Pass
			RB1#13	21.82	-3.15	18.67	0.074	2.000	Pass
			RB1#24	21.92	-3.15	18.77	0.075	2.000	Pass
			RB12#0	20.85	-3.15	17.70	0.059	2.000	Pass
			RB12#6	20.79	-3.15	17.64	0.058	2.000	Pass
			RB12#13	20.87	-3.15	17.72	0.059	2.000	Pass
			RB25#0	20.81	-3.15	17.66	0.058	2.000	Pass
		16-QAM	RB1#0	20.19	-3.15	17.04	0.051	2.000	Pass
			RB1#13	20.11	-3.15	16.96	0.050	2.000	Pass
			RB1#24	20.22	-3.15	17.07	0.051	2.000	Pass
			RB12#0	20.92	-3.15	17.77	0.060	2.000	Pass
			RB12#6	21.1	-3.15	17.95	0.062	2.000	Pass
			RB12#13	21.03	-3.15	17.88	0.061	2.000	Pass
			RB25#0	21.06	-3.15	17.91	0.062	2.000	Pass
	MCH	QPSK	RB1#0	21.89	-3.15	18.74	0.075	2.000	Pass
			RB1#13	21.9	-3.15	18.75	0.075	2.000	Pass
			RB1#24	21.82	-3.15	18.67	0.074	2.000	Pass
			RB12#0	20.84	-3.15	17.69	0.059	2.000	Pass
			RB12#6	20.83	-3.15	17.68	0.059	2.000	Pass
			RB12#13	20.85	-3.15	17.70	0.059	2.000	Pass
			RB25#0	20.85	-3.15	17.70	0.059	2.000	Pass
		16-QAM	RB1#0	20.6	-3.15	17.45	0.056	2.000	Pass
			RB1#13	20.68	-3.15	17.53	0.057	2.000	Pass
			RB1#24	20.64	-3.15	17.49	0.056	2.000	Pass
			RB12#0	20.78	-3.15	17.63	0.058	2.000	Pass
			RB12#6	20.93	-3.15	17.78	0.060	2.000	Pass
			RB12#13	20.83	-3.15	17.68	0.059	2.000	Pass
			RB25#0	20.81	-3.15	17.66	0.058	2.000	Pass
	HCH	QPSK	RB1#0	21.72	-3.15	18.57	0.072	2.000	Pass
			RB1#13	21.73	-3.15	18.58	0.072	2.000	Pass
			RB1#24	21.69	-3.15	18.54	0.071	2.000	Pass
			RB12#0	20.85	-3.15	17.70	0.059	2.000	Pass
			RB12#6	21.01	-3.15	17.86	0.061	2.000	Pass
			RB12#13	20.83	-3.15	17.68	0.059	2.000	Pass
			RB25#0	20.9	-3.15	17.75	0.060	2.000	Pass
		16-QAM	RB1#0	20.55	-3.15	17.40	0.055	2.000	Pass
			RB1#13	20.48	-3.15	17.33	0.054	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 7									
10 MHz			RB1#24	20.44	-3.15	17.29	0.054	2.000	Pass
			RB12#0	20.88	-3.15	17.73	0.059	2.000	Pass
			RB12#6	20.99	-3.15	17.84	0.061	2.000	Pass
			RB12#13	20.79	-3.15	17.64	0.058	2.000	Pass
			RB25#0	20.91	-3.15	17.76	0.060	2.000	Pass
	LCH	QPSK	RB1#0	21.35	-3.15	18.20	0.066	2.000	Pass
			RB1#25	21.48	-3.15	18.33	0.068	2.000	Pass
			RB1#49	21.5	-3.15	18.35	0.068	2.000	Pass
			RB25#0	20.53	-3.15	17.38	0.055	2.000	Pass
			RB25#13	20.68	-3.15	17.53	0.057	2.000	Pass
			RB25#25	20.58	-3.15	17.43	0.055	2.000	Pass
			RB50#0	20.73	-3.15	17.58	0.057	2.000	Pass
		16-QAM	RB1#0	20.68	-3.15	17.53	0.057	2.000	Pass
			RB1#25	20.82	-3.15	17.67	0.058	2.000	Pass
			RB1#49	20.69	-3.15	17.54	0.057	2.000	Pass
			RB25#0	21.1	-3.15	17.95	0.062	2.000	Pass
			RB25#13	21.23	-3.15	18.08	0.064	2.000	Pass
			RB25#25	21.44	-3.15	18.29	0.067	2.000	Pass
			RB50#0	21.33	-3.15	18.18	0.066	2.000	Pass
	MCH	QPSK	RB1#0	21.52	-3.15	18.37	0.069	2.000	Pass
			RB1#25	21.5	-3.15	18.35	0.068	2.000	Pass
			RB1#49	21.45	-3.15	18.30	0.068	2.000	Pass
			RB25#0	20.45	-3.15	17.30	0.054	2.000	Pass
			RB25#13	20.54	-3.15	17.39	0.055	2.000	Pass
			RB25#25	20.46	-3.15	17.31	0.054	2.000	Pass
			RB50#0	20.43	-3.15	17.28	0.053	2.000	Pass
		16-QAM	RB1#0	20.64	-3.15	17.49	0.056	2.000	Pass
			RB1#25	20.7	-3.15	17.55	0.057	2.000	Pass
			RB1#49	20.6	-3.15	17.45	0.056	2.000	Pass
			RB25#0	21.06	-3.15	17.91	0.062	2.000	Pass
			RB25#13	21.14	-3.15	17.99	0.063	2.000	Pass
			RB25#25	21.32	-3.15	18.17	0.066	2.000	Pass
			RB50#0	21.18	-3.15	18.03	0.064	2.000	Pass
	HCH	QPSK	RB1#0	21.54	-3.15	18.39	0.069	2.000	Pass
			RB1#25	21.56	-3.15	18.41	0.069	2.000	Pass
			RB1#49	21.49	-3.15	18.34	0.068	2.000	Pass
			RB25#0	20.57	-3.15	17.42	0.055	2.000	Pass
			RB25#13	20.56	-3.15	17.41	0.055	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 7									
15 MHz	LCH		RB25#25	20.44	-3.15	17.29	0.054	2.000	Pass
			RB50#0	20.58	-3.15	17.43	0.055	2.000	Pass
		16-QAM	RB1#0	20.07	-3.15	16.92	0.049	2.000	Pass
			RB1#25	20.05	-3.15	16.90	0.049	2.000	Pass
			RB1#49	19.91	-3.15	16.76	0.047	2.000	Pass
			RB25#0	21.36	-3.15	18.21	0.066	2.000	Pass
			RB25#13	21.35	-3.15	18.20	0.066	2.000	Pass
			RB25#25	21.41	-3.15	18.26	0.067	2.000	Pass
			RB50#0	21.34	-3.15	18.19	0.066	2.000	Pass
		QPSK	RB1#0	21.5	-3.15	18.35	0.068	2.000	Pass
			RB1#38	21.45	-3.15	18.30	0.068	2.000	Pass
			RB1#74	21.67	-3.15	18.52	0.071	2.000	Pass
			RB36#0	20.66	-3.15	17.51	0.056	2.000	Pass
			RB36#19	20.58	-3.15	17.43	0.055	2.000	Pass
			RB36#39	20.51	-3.15	17.36	0.054	2.000	Pass
			RB75#0	20.51	-3.15	17.36	0.054	2.000	Pass
		16-QAM	RB1#0	21.02	-3.15	17.87	0.061	2.000	Pass
			RB1#38	20.98	-3.15	17.83	0.061	2.000	Pass
			RB1#74	21.24	-3.15	18.09	0.064	2.000	Pass
			RB36#0	21.32	-3.15	18.17	0.066	2.000	Pass
			RB36#19	21.4	-3.15	18.25	0.067	2.000	Pass
			RB36#39	21.56	-3.15	18.41	0.069	2.000	Pass
			RB75#0	21.44	-3.15	18.29	0.067	2.000	Pass
15 MHz	MCH	QPSK	RB1#0	21.4	-3.15	18.25	0.067	2.000	Pass
			RB1#38	21.53	-3.15	18.38	0.069	2.000	Pass
			RB1#74	21.38	-3.15	18.23	0.067	2.000	Pass
			RB36#0	20.48	-3.15	17.33	0.054	2.000	Pass
			RB36#19	20.42	-3.15	17.27	0.053	2.000	Pass
			RB36#39	20.35	-3.15	17.20	0.052	2.000	Pass
			RB75#0	20.49	-3.15	17.34	0.054	2.000	Pass
		16-QAM	RB1#0	20.9	-3.15	17.75	0.060	2.000	Pass
			RB1#38	20.91	-3.15	17.76	0.060	2.000	Pass
			RB1#74	20.7	-3.15	17.55	0.057	2.000	Pass
			RB36#0	21.09	-3.15	17.94	0.062	2.000	Pass
			RB36#19	21.13	-3.15	17.98	0.063	2.000	Pass
			RB36#39	21.2	-3.15	18.05	0.064	2.000	Pass
			RB75#0	21.16	-3.15	18.01	0.063	2.000	Pass
	HCH	QPSK	RB1#0	21.52	-3.15	18.37	0.069	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 7									
			RB1#38	21.57	-3.15	18.42	0.070	2.000	Pass
			RB1#74	21.48	-3.15	18.33	0.068	2.000	Pass
			RB36#0	20.58	-3.15	17.43	0.055	2.000	Pass
			RB36#19	20.56	-3.15	17.41	0.055	2.000	Pass
			RB36#39	20.49	-3.15	17.34	0.054	2.000	Pass
			RB75#0	20.53	-3.15	17.38	0.055	2.000	Pass
		16-QAM	RB1#0	20.89	-3.15	17.74	0.059	2.000	Pass
			RB1#38	20.95	-3.15	17.80	0.060	2.000	Pass
			RB1#74	20.82	-3.15	17.67	0.058	2.000	Pass
			RB36#0	21.34	-3.15	18.19	0.066	2.000	Pass
			RB36#19	21.21	-3.15	18.06	0.064	2.000	Pass
			RB36#39	21.14	-3.15	17.99	0.063	2.000	Pass
			RB75#0	21.23	-3.15	18.08	0.064	2.000	Pass
20 MHz	LCH	QPSK	RB1#0	21.46	-3.15	18.31	0.068	2.000	Pass
			RB1#50	21.51	-3.15	18.36	0.069	2.000	Pass
			RB1#99	21.74	-3.15	18.59	0.072	2.000	Pass
			RB50#0	20.65	-3.15	17.50	0.056	2.000	Pass
			RB50#25	20.5	-3.15	17.35	0.054	2.000	Pass
			RB50#50	20.81	-3.15	17.66	0.058	2.000	Pass
			RB100#0	20.56	-3.15	17.41	0.055	2.000	Pass
		16-QAM	RB1#0	20.42	-3.15	17.27	0.053	2.000	Pass
			RB1#50	20.37	-3.15	17.22	0.053	2.000	Pass
			RB1#99	20.6	-3.15	17.45	0.056	2.000	Pass
			RB50#0	21.26	-3.15	18.11	0.065	2.000	Pass
			RB50#25	21.44	-3.15	18.29	0.067	2.000	Pass
			RB50#50	21.72	-3.15	18.57	0.072	2.000	Pass
			RB100#0	21.46	-3.15	18.31	0.068	2.000	Pass
	MCH	QPSK	RB1#0	22.08	-3.15	18.93	0.078	2.000	Pass
			RB1#50	21.8	-3.15	18.65	0.073	2.000	Pass
			RB1#99	21.57	-3.15	18.42	0.070	2.000	Pass
			RB50#0	20.44	-3.15	17.29	0.054	2.000	Pass
			RB50#25	20.51	-3.15	17.36	0.054	2.000	Pass
			RB50#50	20.41	-3.15	17.26	0.053	2.000	Pass
			RB100#0	20.53	-3.15	17.38	0.055	2.000	Pass
		16-QAM	RB1#0	21.19	-3.15	18.04	0.064	2.000	Pass
			RB1#50	20.77	-3.15	17.62	0.058	2.000	Pass
			RB1#99	20.59	-3.15	17.44	0.055	2.000	Pass
			RB50#0	20.96	-3.15	17.81	0.060	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 7									
			RB50#25	21.1	-3.15	17.95	0.062	2.000	Pass
			RB50#50	21.33	-3.15	18.18	0.066	2.000	Pass
			RB100#0	21.13	-3.15	17.98	0.063	2.000	Pass
	HCH	QPSK	RB1#0	21.41	-3.15	18.26	0.067	2.000	Pass
			RB1#50	21.5	-3.15	18.35	0.068	2.000	Pass
			RB1#99	21.33	-3.15	18.18	0.066	2.000	Pass
			RB50#0	20.5	-3.15	17.35	0.054	2.000	Pass
			RB50#25	20.47	-3.15	17.32	0.054	2.000	Pass
			RB50#50	20.46	-3.15	17.31	0.054	2.000	Pass
			RB100#0	20.55	-3.15	17.40	0.055	2.000	Pass
		16-QAM	RB1#0	21.2	-3.15	18.05	0.064	2.000	Pass
			RB1#50	21.23	-3.15	18.08	0.064	2.000	Pass
			RB1#99	21.02	-3.15	17.87	0.061	2.000	Pass
			RB50#0	21.32	-3.15	18.17	0.066	2.000	Pass
			RB50#25	21.35	-3.15	18.20	0.066	2.000	Pass
			RB50#50	21.43	-3.15	18.28	0.067	2.000	Pass
			RB100#0	21.31	-3.15	18.16	0.065	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE Band 12										
1.4 MHz	LCH	QPSK	RB1#0	21.57	-10.64	-12.79	8.78	0.008	3.000	Pass
			RB1#3	21.6	-10.64	-12.79	8.81	0.008	3.000	Pass
			RB1#5	21.68	-10.64	-12.79	8.89	0.008	3.000	Pass
			RB3#0	21.58	-10.64	-12.79	8.79	0.008	3.000	Pass
			RB3#2	21.57	-10.64	-12.79	8.78	0.008	3.000	Pass
			RB3#3	21.59	-10.64	-12.79	8.80	0.008	3.000	Pass
			RB6#0	20.62	-10.64	-12.79	7.83	0.006	3.000	Pass
		16-QAM	RB1#0	20.6	-10.64	-12.79	7.81	0.006	3.000	Pass
			RB1#3	20.67	-10.64	-12.79	7.88	0.006	3.000	Pass
			RB1#5	20.75	-10.64	-12.79	7.96	0.006	3.000	Pass
			RB3#0	20.39	-10.64	-12.79	7.60	0.006	3.000	Pass
			RB3#2	20.37	-10.64	-12.79	7.58	0.006	3.000	Pass
			RB3#3	20.53	-10.64	-12.79	7.74	0.006	3.000	Pass
			RB6#0	18.95	-10.64	-12.79	6.16	0.004	3.000	Pass
	MCH	QPSK	RB1#0	21.33	-10.64	-12.79	8.54	0.007	3.000	Pass
			RB1#3	21.32	-10.64	-12.79	8.53	0.007	3.000	Pass
			RB1#5	21.33	-10.64	-12.79	8.54	0.007	3.000	Pass
			RB3#0	21.19	-10.64	-12.79	8.40	0.007	3.000	Pass
			RB3#2	21.21	-10.64	-12.79	8.42	0.007	3.000	Pass
			RB3#3	21.17	-10.64	-12.79	8.38	0.007	3.000	Pass
			RB6#0	19.96	-10.64	-12.79	7.17	0.005	3.000	Pass
		16-QAM	RB1#0	19.62	-10.64	-12.79	6.83	0.005	3.000	Pass
			RB1#3	19.61	-10.64	-12.79	6.82	0.005	3.000	Pass
			RB1#5	19.63	-10.64	-12.79	6.84	0.005	3.000	Pass
			RB3#0	19.81	-10.64	-12.79	7.02	0.005	3.000	Pass
			RB3#2	19.68	-10.64	-12.79	6.89	0.005	3.000	Pass
			RB3#3	19.77	-10.64	-12.79	6.98	0.005	3.000	Pass
			RB6#0	19.02	-10.64	-12.79	6.23	0.004	3.000	Pass
	HCH	QPSK	RB1#0	21.56	-10.64	-12.79	8.77	0.008	3.000	Pass
			RB1#3	21.09	-10.64	-12.79	8.30	0.007	3.000	Pass
			RB1#5	21.16	-10.64	-12.79	8.37	0.007	3.000	Pass
			RB3#0	21.66	-10.64	-12.79	8.87	0.008	3.000	Pass
			RB3#2	21.2	-10.64	-12.79	8.41	0.007	3.000	Pass
			RB3#3	21.15	-10.64	-12.79	8.36	0.007	3.000	Pass
			RB6#0	19.94	-10.64	-12.79	7.15	0.005	3.000	Pass
		16-QAM	RB1#0	20.97	-10.64	-12.79	8.18	0.007	3.000	Pass
			RB1#3	20.46	-10.64	-12.79	7.67	0.006	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE Band 12										
3 MHz			RB1#5	20.55	-10.64	-12.79	7.76	0.006	3.000	Pass
			RB3#0	20.64	-10.64	-12.79	7.85	0.006	3.000	Pass
			RB3#2	20.15	-10.64	-12.79	7.36	0.005	3.000	Pass
			RB3#3	20.17	-10.64	-12.79	7.38	0.005	3.000	Pass
			RB6#0	18.94	-10.64	-12.79	6.15	0.004	3.000	Pass
	LCH	QPSK	RB1#0	21.56	-10.64	-12.79	8.77	0.008	3.000	Pass
			RB1#7	21.64	-10.64	-12.79	8.85	0.008	3.000	Pass
			RB1#14	21.28	-10.64	-12.79	8.49	0.007	3.000	Pass
			RB8#0	20.5	-10.64	-12.79	7.71	0.006	3.000	Pass
			RB8#4	20.63	-10.64	-12.79	7.84	0.006	3.000	Pass
			RB8#7	19.92	-10.64	-12.79	7.13	0.005	3.000	Pass
			RB15#0	20.58	-10.64	-12.79	7.79	0.006	3.000	Pass
		16-QAM	RB1#0	20.6	-10.64	-12.79	7.81	0.006	3.000	Pass
			RB1#7	20.68	-10.64	-12.79	7.89	0.006	3.000	Pass
			RB1#14	20.04	-10.64	-12.79	7.25	0.005	3.000	Pass
			RB8#0	19.15	-10.64	-12.79	6.36	0.004	3.000	Pass
			RB8#4	19.28	-10.64	-12.79	6.49	0.004	3.000	Pass
			RB8#7	19.34	-10.64	-12.79	6.55	0.005	3.000	Pass
			RB15#0	19.19	-10.64	-12.79	6.40	0.004	3.000	Pass
	MCH	QPSK	RB1#0	21.15	-10.64	-12.79	8.36	0.007	3.000	Pass
			RB1#7	21.19	-10.64	-12.79	8.40	0.007	3.000	Pass
			RB1#14	21.15	-10.64	-12.79	8.36	0.007	3.000	Pass
			RB8#0	19.9	-10.64	-12.79	7.11	0.005	3.000	Pass
			RB8#4	19.93	-10.64	-12.79	7.14	0.005	3.000	Pass
			RB8#7	19.98	-10.64	-12.79	7.19	0.005	3.000	Pass
			RB15#0	19.94	-10.64	-12.79	7.15	0.005	3.000	Pass
		16-QAM	RB1#0	20.62	-10.64	-12.79	7.83	0.006	3.000	Pass
			RB1#7	20.73	-10.64	-12.79	7.94	0.006	3.000	Pass
			RB1#14	20.63	-10.64	-12.79	7.84	0.006	3.000	Pass
			RB8#0	19.2	-10.64	-12.79	6.41	0.004	3.000	Pass
			RB8#4	19.2	-10.64	-12.79	6.41	0.004	3.000	Pass
			RB8#7	19.14	-10.64	-12.79	6.35	0.004	3.000	Pass
			RB15#0	19.13	-10.64	-12.79	6.34	0.004	3.000	Pass
	HCH	QPSK	RB1#0	21.73	-10.64	-12.79	8.94	0.008	3.000	Pass
			RB1#7	21.74	-10.64	-12.79	8.95	0.008	3.000	Pass
			RB1#14	21.22	-10.64	-12.79	8.43	0.007	3.000	Pass
			RB8#0	20.72	-10.64	-12.79	7.93	0.006	3.000	Pass
			RB8#4	20.66	-10.64	-12.79	7.87	0.006	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE Band 12										
5 MHz	LCH	16-QAM	RB8#7	20.08	-10.64	-12.79	7.29	0.005	3.000	Pass
			RB15#0	20.64	-10.64	-12.79	7.85	0.006	3.000	Pass
			RB1#0	20.37	-10.64	-12.79	7.58	0.006	3.000	Pass
			RB1#7	20.41	-10.64	-12.79	7.62	0.006	3.000	Pass
			RB1#14	19.88	-10.64	-12.79	7.09	0.005	3.000	Pass
			RB8#0	19.27	-10.64	-12.79	6.48	0.004	3.000	Pass
			RB8#4	19.26	-10.64	-12.79	6.47	0.004	3.000	Pass
			RB8#7	19.09	-10.64	-12.79	6.30	0.004	3.000	Pass
			RB15#0	19.22	-10.64	-12.79	6.43	0.004	3.000	Pass
		QPSK	RB1#0	21.49	-10.64	-12.79	8.70	0.007	3.000	Pass
			RB1#13	21.21	-10.64	-12.79	8.42	0.007	3.000	Pass
			RB1#24	21.59	-10.64	-12.79	8.80	0.008	3.000	Pass
			RB12#0	20.6	-10.64	-12.79	7.81	0.006	3.000	Pass
			RB12#6	20	-10.64	-12.79	7.21	0.005	3.000	Pass
			RB12#13	20.04	-10.64	-12.79	7.25	0.005	3.000	Pass
			RB25#0	20.04	-10.64	-12.79	7.25	0.005	3.000	Pass
			RB25#0	20.04	-10.64	-12.79	7.25	0.005	3.000	Pass
	MCH	16-QAM	RB1#0	19.68	-10.64	-12.79	6.89	0.005	3.000	Pass
			RB1#13	19.11	-10.64	-12.79	6.32	0.004	3.000	Pass
			RB1#24	19.72	-10.64	-12.79	6.93	0.005	3.000	Pass
			RB12#0	19	-10.64	-12.79	6.21	0.004	3.000	Pass
			RB12#6	19.28	-10.64	-12.79	6.49	0.004	3.000	Pass
			RB12#13	19.15	-10.64	-12.79	6.36	0.004	3.000	Pass
			RB25#0	19.18	-10.64	-12.79	6.39	0.004	3.000	Pass
			RB25#0	19.18	-10.64	-12.79	6.39	0.004	3.000	Pass
		QPSK	RB1#0	21.08	-10.64	-12.79	8.29	0.007	3.000	Pass
			RB1#13	21.24	-10.64	-12.79	8.45	0.007	3.000	Pass
			RB1#24	21.21	-10.64	-12.79	8.42	0.007	3.000	Pass
			RB12#0	19.98	-10.64	-12.79	7.19	0.005	3.000	Pass
			RB12#6	19.88	-10.64	-12.79	7.09	0.005	3.000	Pass
			RB12#13	19.87	-10.64	-12.79	7.08	0.005	3.000	Pass
			RB25#0	19.92	-10.64	-12.79	7.13	0.005	3.000	Pass
			RB25#0	19.92	-10.64	-12.79	7.13	0.005	3.000	Pass
	HCH	16-QAM	RB1#0	19.78	-10.64	-12.79	6.99	0.005	3.000	Pass
			RB1#13	19.93	-10.64	-12.79	7.14	0.005	3.000	Pass
			RB1#24	20.07	-10.64	-12.79	7.28	0.005	3.000	Pass
			RB12#0	19.14	-10.64	-12.79	6.35	0.004	3.000	Pass
			RB12#6	19.23	-10.64	-12.79	6.44	0.004	3.000	Pass
			RB12#13	19.13	-10.64	-12.79	6.34	0.004	3.000	Pass
			RB25#0	19.14	-10.64	-12.79	6.35	0.004	3.000	Pass
			RB25#0	19.14	-10.64	-12.79	6.35	0.004	3.000	Pass
		QPSK	RB1#0	21.63	-10.64	-12.79	8.84	0.008	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE Band 12										
			RB1#13	21.6	-10.64	-12.79	8.81	0.008	3.000	Pass
			RB1#24	21.14	-10.64	-12.79	8.35	0.007	3.000	Pass
			RB12#0	20.62	-10.64	-12.79	7.83	0.006	3.000	Pass
			RB12#6	20.65	-10.64	-12.79	7.86	0.006	3.000	Pass
			RB12#13	20.63	-10.64	-12.79	7.84	0.006	3.000	Pass
			RB25#0	20.71	-10.64	-12.79	7.92	0.006	3.000	Pass
		16-QAM	RB1#0	20.25	-10.64	-12.79	7.46	0.006	3.000	Pass
			RB1#13	20.34	-10.64	-12.79	7.55	0.006	3.000	Pass
			RB1#24	19.78	-10.64	-12.79	6.99	0.005	3.000	Pass
			RB12#0	19	-10.64	-12.79	6.21	0.004	3.000	Pass
			RB12#6	19.15	-10.64	-12.79	6.36	0.004	3.000	Pass
			RB12#13	18.83	-10.64	-12.79	6.04	0.004	3.000	Pass
			RB25#0	19.02	-10.64	-12.79	6.23	0.004	3.000	Pass
10 MHz	LCH	QPSK	RB1#0	21.49	-10.64	-12.79	8.70	0.007	3.000	Pass
			RB1#25	21.6	-10.64	-12.79	8.81	0.008	3.000	Pass
			RB1#49	21.1	-10.64	-12.79	8.31	0.007	3.000	Pass
			RB25#0	19.96	-10.64	-12.79	7.17	0.005	3.000	Pass
			RB25#13	20.77	-10.64	-12.79	7.98	0.006	3.000	Pass
			RB25#25	19.93	-10.64	-12.79	7.14	0.005	3.000	Pass
			RB50#0	20.72	-10.64	-12.79	7.93	0.006	3.000	Pass
		16-QAM	RB1#0	20.54	-10.64	-12.79	7.75	0.006	3.000	Pass
			RB1#25	20.66	-10.64	-12.79	7.87	0.006	3.000	Pass
			RB1#49	20	-10.64	-12.79	7.21	0.005	3.000	Pass
			RB25#0	19.22	-10.64	-12.79	6.43	0.004	3.000	Pass
			RB25#13	19.36	-10.64	-12.79	6.57	0.005	3.000	Pass
			RB25#25	19.52	-10.64	-12.79	6.73	0.005	3.000	Pass
			RB50#0	19.35	-10.64	-12.79	6.56	0.005	3.000	Pass
	MCH	QPSK	RB1#0	21.2	-10.64	-12.79	8.41	0.007	3.000	Pass
			RB1#25	21.26	-10.64	-12.79	8.47	0.007	3.000	Pass
			RB1#49	21.61	-10.64	-12.79	8.82	0.008	3.000	Pass
			RB25#0	20.04	-10.64	-12.79	7.25	0.005	3.000	Pass
			RB25#13	19.83	-10.64	-12.79	7.04	0.005	3.000	Pass
			RB25#25	20.14	-10.64	-12.79	7.35	0.005	3.000	Pass
			RB50#0	19.87	-10.64	-12.79	7.08	0.005	3.000	Pass
		16-QAM	RB1#0	20.23	-10.64	-12.79	7.44	0.006	3.000	Pass
			RB1#25	20.25	-10.64	-12.79	7.46	0.006	3.000	Pass
			RB1#49	20.88	-10.64	-12.79	8.09	0.006	3.000	Pass
			RB25#0	19.19	-10.64	-12.79	6.40	0.004	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE Band 12										
	HCH		RB25#13	19.31	-10.64	-12.79	6.52	0.004	3.000	Pass
			RB25#25	19.45	-10.64	-12.79	6.66	0.005	3.000	Pass
			RB50#0	19.34	-10.64	-12.79	6.55	0.005	3.000	Pass
		QPSK	RB1#0	21.36	-10.64	-12.79	8.57	0.007	3.000	Pass
			RB1#25	21.33	-10.64	-12.79	8.54	0.007	3.000	Pass
			RB1#49	21.4	-10.64	-12.79	8.61	0.007	3.000	Pass
			RB25#0	19.82	-10.64	-12.79	7.03	0.005	3.000	Pass
			RB25#13	20.23	-10.64	-12.79	7.44	0.006	3.000	Pass
			RB25#25	20.73	-10.64	-12.79	7.94	0.006	3.000	Pass
			RB50#0	20.12	-10.64	-12.79	7.33	0.005	3.000	Pass
		16-QAM	RB1#0	19.58	-10.64	-12.79	6.79	0.005	3.000	Pass
			RB1#25	19.79	-10.64	-12.79	7.00	0.005	3.000	Pass
			RB1#49	19.73	-10.64	-12.79	6.94	0.005	3.000	Pass
			RB25#0	19.01	-10.64	-12.79	6.22	0.004	3.000	Pass
			RB25#13	19.19	-10.64	-12.79	6.40	0.004	3.000	Pass
			RB25#25	19.37	-10.64	-12.79	6.58	0.005	3.000	Pass
			RB50#0	19.17	-10.64	-12.79	6.38	0.004	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Off set)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 66									
1.4 MHz	LCH	QPSK	RB1#0	23.21	-6.7	16.51	0.045	1.000	Pass
			RB1#3	23.16	-6.7	16.46	0.044	1.000	Pass
			RB1#5	23.14	-6.7	16.44	0.044	1.000	Pass
			RB3#0	23.22	-6.7	16.52	0.045	1.000	Pass
			RB3#2	23.11	-6.7	16.41	0.044	1.000	Pass
			RB3#3	23.21	-6.7	16.51	0.045	1.000	Pass
			RB6#0	22.1	-6.7	15.40	0.035	1.000	Pass
		16-QAM	RB1#0	21.69	-6.7	14.99	0.032	1.000	Pass
			RB1#3	21.69	-6.7	14.99	0.032	1.000	Pass
			RB1#5	21.64	-6.7	14.94	0.031	1.000	Pass
			RB3#0	22.03	-6.7	15.33	0.034	1.000	Pass
			RB3#2	21.96	-6.7	15.26	0.034	1.000	Pass
			RB3#3	21.96	-6.7	15.26	0.034	1.000	Pass
			RB6#0	21.22	-6.7	14.52	0.028	1.000	Pass
	MCH	QPSK	RB1#0	23.28	-6.7	16.58	0.045	1.000	Pass
			RB1#3	23.29	-6.7	16.59	0.046	1.000	Pass
			RB1#5	23.33	-6.7	16.63	0.046	1.000	Pass
			RB3#0	23.34	-6.7	16.64	0.046	1.000	Pass
			RB3#2	23.39	-6.7	16.69	0.047	1.000	Pass
			RB3#3	23.3	-6.7	16.60	0.046	1.000	Pass
			RB6#0	22.14	-6.7	15.44	0.035	1.000	Pass
		16-QAM	RB1#0	22.55	-6.7	15.85	0.038	1.000	Pass
			RB1#3	22.58	-6.7	15.88	0.039	1.000	Pass
			RB1#5	22.64	-6.7	15.94	0.039	1.000	Pass
			RB3#0	21.74	-6.7	15.04	0.032	1.000	Pass
			RB3#2	21.8	-6.7	15.10	0.032	1.000	Pass
			RB3#3	21.74	-6.7	15.04	0.032	1.000	Pass
			RB6#0	21.15	-6.7	14.45	0.028	1.000	Pass
	HCH	QPSK	RB1#0	23.08	-6.7	16.38	0.043	1.000	Pass
			RB1#3	23.08	-6.7	16.38	0.043	1.000	Pass
			RB1#5	23.1	-6.7	16.40	0.044	1.000	Pass
			RB3#0	23.14	-6.7	16.44	0.044	1.000	Pass
			RB3#2	23.2	-6.7	16.50	0.045	1.000	Pass
			RB3#3	23.15	-6.7	16.45	0.044	1.000	Pass
			RB6#0	22.09	-6.7	15.39	0.035	1.000	Pass
		16-QAM	RB1#0	22.14	-6.7	15.44	0.035	1.000	Pass
			RB1#3	22.16	-6.7	15.46	0.035	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 66									
3 MHz			RB1#5	22.21	-6.7	15.51	0.036	1.000	Pass
			RB3#0	22.25	-6.7	15.55	0.036	1.000	Pass
			RB3#2	22.16	-6.7	15.46	0.035	1.000	Pass
			RB3#3	22.3	-6.7	15.60	0.036	1.000	Pass
			RB6#0	21.26	-6.7	14.56	0.029	1.000	Pass
	LCH	QPSK	RB1#0	23.2	-6.7	16.50	0.045	1.000	Pass
			RB1#7	23.1	-6.7	16.40	0.044	1.000	Pass
			RB1#14	23.17	-6.7	16.47	0.044	1.000	Pass
			RB8#0	22.25	-6.7	15.55	0.036	1.000	Pass
			RB8#4	22.29	-6.7	15.59	0.036	1.000	Pass
			RB8#7	22.14	-6.7	15.44	0.035	1.000	Pass
			RB15#0	22.14	-6.7	15.44	0.035	1.000	Pass
		16-QAM	RB1#0	22.37	-6.7	15.67	0.037	1.000	Pass
			RB1#7	22.35	-6.7	15.65	0.037	1.000	Pass
			RB1#14	22.31	-6.7	15.61	0.036	1.000	Pass
			RB8#0	21.4	-6.7	14.70	0.030	1.000	Pass
			RB8#4	21.46	-6.7	14.76	0.030	1.000	Pass
			RB8#7	21.44	-6.7	14.74	0.030	1.000	Pass
			RB15#0	21.32	-6.7	14.62	0.029	1.000	Pass
	MCH	QPSK	RB1#0	23.11	-6.7	16.41	0.044	1.000	Pass
			RB1#7	23.12	-6.7	16.42	0.044	1.000	Pass
			RB1#14	23.32	-6.7	16.62	0.046	1.000	Pass
			RB8#0	22.2	-6.7	15.50	0.035	1.000	Pass
			RB8#4	22.24	-6.7	15.54	0.036	1.000	Pass
			RB8#7	22.18	-6.7	15.48	0.035	1.000	Pass
			RB15#0	22.2	-6.7	15.50	0.035	1.000	Pass
		16-QAM	RB1#0	22.88	-6.7	16.18	0.041	1.000	Pass
			RB1#7	22.87	-6.7	16.17	0.041	1.000	Pass
			RB1#14	22.9	-6.7	16.20	0.042	1.000	Pass
			RB8#0	21.41	-6.7	14.71	0.030	1.000	Pass
			RB8#4	21.46	-6.7	14.76	0.030	1.000	Pass
			RB8#7	21.41	-6.7	14.71	0.030	1.000	Pass
			RB15#0	21.35	-6.7	14.65	0.029	1.000	Pass
	HCH	QPSK	RB1#0	23.04	-6.7	16.34	0.043	1.000	Pass
			RB1#7	23.02	-6.7	16.32	0.043	1.000	Pass
			RB1#14	23.05	-6.7	16.35	0.043	1.000	Pass
			RB8#0	22.14	-6.7	15.44	0.035	1.000	Pass
			RB8#4	22.13	-6.7	15.43	0.035	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 66									
			RB8#7	22.01	-6.7	15.31	0.034	1.000	Pass
			RB15#0	22.06	-6.7	15.36	0.034	1.000	Pass
		16-QAM	RB1#0	21.52	-6.7	14.82	0.030	1.000	Pass
			RB1#7	21.53	-6.7	14.83	0.030	1.000	Pass
			RB1#14	21.58	-6.7	14.88	0.031	1.000	Pass
			RB8#0	21.28	-6.7	14.58	0.029	1.000	Pass
			RB8#4	21.29	-6.7	14.59	0.029	1.000	Pass
			RB8#7	21.29	-6.7	14.59	0.029	1.000	Pass
			RB15#0	21.1	-6.7	14.40	0.028	1.000	Pass
5 MHz	LCH	QPSK	RB1#0	23.09	-6.7	16.39	0.044	1.000	Pass
			RB1#13	23.08	-6.7	16.38	0.043	1.000	Pass
			RB1#24	23.04	-6.7	16.34	0.043	1.000	Pass
			RB12#0	22.17	-6.7	15.47	0.035	1.000	Pass
			RB12#6	22.1	-6.7	15.40	0.035	1.000	Pass
			RB12#13	22.22	-6.7	15.52	0.036	1.000	Pass
			RB25#0	22.19	-6.7	15.49	0.035	1.000	Pass
		16-QAM	RB1#0	21.31	-6.7	14.61	0.029	1.000	Pass
			RB1#13	21.39	-6.7	14.69	0.029	1.000	Pass
			RB1#24	21.27	-6.7	14.57	0.029	1.000	Pass
			RB12#0	21.19	-6.7	14.49	0.028	1.000	Pass
			RB12#6	21.22	-6.7	14.52	0.028	1.000	Pass
			RB12#13	21.21	-6.7	14.51	0.028	1.000	Pass
			RB25#0	21.35	-6.7	14.65	0.029	1.000	Pass
	MCH	QPSK	RB1#0	23.46	-6.7	16.76	0.047	1.000	Pass
			RB1#13	23.42	-6.7	16.72	0.047	1.000	Pass
			RB1#24	23.38	-6.7	16.68	0.047	1.000	Pass
			RB12#0	22.36	-6.7	15.66	0.037	1.000	Pass
			RB12#6	22.29	-6.7	15.59	0.036	1.000	Pass
			RB12#13	22.23	-6.7	15.53	0.036	1.000	Pass
			RB25#0	22.24	-6.7	15.54	0.036	1.000	Pass
		16-QAM	RB1#0	22.15	-6.7	15.45	0.035	1.000	Pass
			RB1#13	22.19	-6.7	15.49	0.035	1.000	Pass
			RB1#24	22.17	-6.7	15.47	0.035	1.000	Pass
			RB12#0	21.21	-6.7	14.51	0.028	1.000	Pass
			RB12#6	21.22	-6.7	14.52	0.028	1.000	Pass
			RB12#13	21.14	-6.7	14.44	0.028	1.000	Pass
			RB25#0	21.21	-6.7	14.51	0.028	1.000	Pass
	HCH	QPSK	RB1#0	23.03	-6.7	16.33	0.043	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 66									
			RB1#13	22.96	-6.7	16.26	0.042	1.000	Pass
			RB1#24	23.04	-6.7	16.34	0.043	1.000	Pass
			RB12#0	22	-6.7	15.30	0.034	1.000	Pass
			RB12#6	22.06	-6.7	15.36	0.034	1.000	Pass
			RB12#13	22.17	-6.7	15.47	0.035	1.000	Pass
			RB25#0	22.15	-6.7	15.45	0.035	1.000	Pass
		16-QAM	RB1#0	22	-6.7	15.30	0.034	1.000	Pass
			RB1#13	21.95	-6.7	15.25	0.033	1.000	Pass
			RB1#24	21.98	-6.7	15.28	0.034	1.000	Pass
			RB12#0	21.09	-6.7	14.39	0.027	1.000	Pass
			RB12#6	21.1	-6.7	14.40	0.028	1.000	Pass
			RB12#13	21.1	-6.7	14.40	0.028	1.000	Pass
			RB25#0	21.15	-6.7	14.45	0.028	1.000	Pass
10 MHz	LCH	QPSK	RB1#0	23.22	-6.7	16.52	0.045	1.000	Pass
			RB1#25	23.14	-6.7	16.44	0.044	1.000	Pass
			RB1#49	23.21	-6.7	16.51	0.045	1.000	Pass
			RB25#0	22.32	-6.7	15.62	0.036	1.000	Pass
			RB25#13	22.31	-6.7	15.61	0.036	1.000	Pass
			RB25#25	22.16	-6.7	15.46	0.035	1.000	Pass
			RB50#0	22.35	-6.7	15.65	0.037	1.000	Pass
		16-QAM	RB1#0	22.61	-6.7	15.91	0.039	1.000	Pass
			RB1#25	22.6	-6.7	15.90	0.039	1.000	Pass
			RB1#49	22.55	-6.7	15.85	0.038	1.000	Pass
			RB25#0	21.26	-6.7	14.56	0.029	1.000	Pass
			RB25#13	21.25	-6.7	14.55	0.029	1.000	Pass
			RB25#25	21.27	-6.7	14.57	0.029	1.000	Pass
			RB50#0	21.25	-6.7	14.55	0.029	1.000	Pass
	MCH	QPSK	RB1#0	23.34	-6.7	16.64	0.046	1.000	Pass
			RB1#25	23.32	-6.7	16.62	0.046	1.000	Pass
			RB1#49	23.38	-6.7	16.68	0.047	1.000	Pass
			RB25#0	22.29	-6.7	15.59	0.036	1.000	Pass
			RB25#13	22.37	-6.7	15.67	0.037	1.000	Pass
			RB25#25	22.34	-6.7	15.64	0.037	1.000	Pass
			RB50#0	22.33	-6.7	15.63	0.037	1.000	Pass
		16-QAM	RB1#0	23.26	-6.7	16.56	0.045	1.000	Pass
			RB1#25	23.3	-6.7	16.60	0.046	1.000	Pass
			RB1#49	23.28	-6.7	16.58	0.045	1.000	Pass
			RB25#0	21.41	-6.7	14.71	0.030	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 66									
15 MHz	HCH		RB25#13	21.37	-6.7	14.67	0.029	1.000	Pass
			RB25#25	21.54	-6.7	14.84	0.030	1.000	Pass
			RB50#0	21.42	-6.7	14.72	0.030	1.000	Pass
		QPSK	RB1#0	23.11	-6.7	16.41	0.044	1.000	Pass
			RB1#25	23.06	-6.7	16.36	0.043	1.000	Pass
			RB1#49	23.14	-6.7	16.44	0.044	1.000	Pass
			RB25#0	22.16	-6.7	15.46	0.035	1.000	Pass
			RB25#13	22.1	-6.7	15.40	0.035	1.000	Pass
			RB25#25	22.08	-6.7	15.38	0.035	1.000	Pass
			RB50#0	22.11	-6.7	15.41	0.035	1.000	Pass
		16-QAM	RB1#0	21.54	-6.7	14.84	0.030	1.000	Pass
			RB1#25	21.55	-6.7	14.85	0.031	1.000	Pass
			RB1#49	21.53	-6.7	14.83	0.030	1.000	Pass
			RB25#0	21.22	-6.7	14.52	0.028	1.000	Pass
			RB25#13	21.23	-6.7	14.53	0.028	1.000	Pass
			RB25#25	21.19	-6.7	14.49	0.028	1.000	Pass
			RB50#0	21.11	-6.7	14.41	0.028	1.000	Pass
15 MHz	LCH	QPSK	RB1#0	23.18	-6.7	16.48	0.044	1.000	Pass
			RB1#38	23.18	-6.7	16.48	0.044	1.000	Pass
			RB1#74	23.19	-6.7	16.49	0.045	1.000	Pass
			RB36#0	22.31	-6.7	15.61	0.036	1.000	Pass
			RB36#19	22.28	-6.7	15.58	0.036	1.000	Pass
			RB36#39	22.16	-6.7	15.46	0.035	1.000	Pass
			RB75#0	22.2	-6.7	15.50	0.035	1.000	Pass
		16-QAM	RB1#0	22.59	-6.7	15.89	0.039	1.000	Pass
			RB1#38	22.53	-6.7	15.83	0.038	1.000	Pass
			RB1#74	22.54	-6.7	15.84	0.038	1.000	Pass
			RB36#0	21.33	-6.7	14.63	0.029	1.000	Pass
			RB36#19	21.28	-6.7	14.58	0.029	1.000	Pass
			RB36#39	21.34	-6.7	14.64	0.029	1.000	Pass
			RB75#0	21.25	-6.7	14.55	0.029	1.000	Pass
	MCH	QPSK	RB1#0	23.35	-6.7	16.65	0.046	1.000	Pass
			RB1#38	23.25	-6.7	16.55	0.045	1.000	Pass
			RB1#74	23.29	-6.7	16.59	0.046	1.000	Pass
			RB36#0	22.24	-6.7	15.54	0.036	1.000	Pass
			RB36#19	22.36	-6.7	15.66	0.037	1.000	Pass
			RB36#39	22.28	-6.7	15.58	0.036	1.000	Pass
			RB75#0	22.22	-6.7	15.52	0.036	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 66									
20 MHz		16-QAM	RB1#0	22.56	-6.7	15.86	0.039	1.000	Pass
			RB1#38	22.45	-6.7	15.75	0.038	1.000	Pass
			RB1#74	22.45	-6.7	15.75	0.038	1.000	Pass
			RB36#0	21.52	-6.7	14.82	0.030	1.000	Pass
			RB36#19	21.42	-6.7	14.72	0.030	1.000	Pass
			RB36#39	21.42	-6.7	14.72	0.030	1.000	Pass
			RB75#0	21.38	-6.7	14.68	0.029	1.000	Pass
	HCH	QPSK	RB1#0	23.15	-6.7	16.45	0.044	1.000	Pass
			RB1#38	22.99	-6.7	16.29	0.043	1.000	Pass
			RB1#74	22.96	-6.7	16.26	0.042	1.000	Pass
			RB36#0	22.15	-6.7	15.45	0.035	1.000	Pass
			RB36#19	22.02	-6.7	15.32	0.034	1.000	Pass
			RB36#39	21.9	-6.7	15.20	0.033	1.000	Pass
			RB75#0	21.99	-6.7	15.29	0.034	1.000	Pass
		16-QAM	RB1#0	22.88	-6.7	16.18	0.041	1.000	Pass
			RB1#38	22.74	-6.7	16.04	0.040	1.000	Pass
			RB1#74	22.71	-6.7	16.01	0.040	1.000	Pass
			RB36#0	21.11	-6.7	14.41	0.028	1.000	Pass
			RB36#19	21.08	-6.7	14.38	0.027	1.000	Pass
			RB36#39	21.05	-6.7	14.35	0.027	1.000	Pass
			RB75#0	21.14	-6.7	14.44	0.028	1.000	Pass
	LCH	QPSK	RB1#0	23.39	-6.7	16.69	0.047	1.000	Pass
			RB1#50	23.4	-6.7	16.70	0.047	1.000	Pass
			RB1#99	23.37	-6.7	16.67	0.046	1.000	Pass
			RB50#0	22.27	-6.7	15.57	0.036	1.000	Pass
			RB50#25	22.14	-6.7	15.44	0.035	1.000	Pass
			RB50#50	22.17	-6.7	15.47	0.035	1.000	Pass
			RB100#0	22.27	-6.7	15.57	0.036	1.000	Pass
		16-QAM	RB1#0	22.12	-6.7	15.42	0.035	1.000	Pass
			RB1#50	22.11	-6.7	15.41	0.035	1.000	Pass
			RB1#99	22.13	-6.7	15.43	0.035	1.000	Pass
			RB50#0	21.25	-6.7	14.55	0.029	1.000	Pass
			RB50#25	21.33	-6.7	14.63	0.029	1.000	Pass
			RB50#50	21.3	-6.7	14.60	0.029	1.000	Pass
			RB100#0	21.28	-6.7	14.58	0.029	1.000	Pass
	MCH	QPSK	RB1#0	23.66	-6.7	16.96	0.050	1.000	Pass
			RB1#50	23.53	-6.7	16.83	0.048	1.000	Pass
			RB1#99	23.57	-6.7	16.87	0.049	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 66									
			RB50#0	22.37	-6.7	15.67	0.037	1.000	Pass
			RB50#25	22.38	-6.7	15.68	0.037	1.000	Pass
			RB50#50	22.21	-6.7	15.51	0.036	1.000	Pass
			RB100#0	22.34	-6.7	15.64	0.037	1.000	Pass
		16-QAM	RB1#0	22.35	-6.7	15.65	0.037	1.000	Pass
			RB1#50	22.23	-6.7	15.53	0.036	1.000	Pass
			RB1#99	22.18	-6.7	15.48	0.035	1.000	Pass
			RB50#0	21.31	-6.7	14.61	0.029	1.000	Pass
			RB50#25	21.31	-6.7	14.61	0.029	1.000	Pass
			RB50#50	21.32	-6.7	14.62	0.029	1.000	Pass
			RB100#0	21.22	-6.7	14.52	0.028	1.000	Pass
	HCH	QPSK	RB1#0	23.24	-6.7	16.54	0.045	1.000	Pass
			RB1#50	23.09	-6.7	16.39	0.044	1.000	Pass
			RB1#99	23.01	-6.7	16.31	0.043	1.000	Pass
			RB50#0	22.16	-6.7	15.46	0.035	1.000	Pass
			RB50#25	22.13	-6.7	15.43	0.035	1.000	Pass
			RB50#50	22.13	-6.7	15.43	0.035	1.000	Pass
			RB100#0	22.12	-6.7	15.42	0.035	1.000	Pass
		16-QAM	RB1#0	22.84	-6.7	16.14	0.041	1.000	Pass
			RB1#50	22.6	-6.7	15.90	0.039	1.000	Pass
			RB1#99	22.65	-6.7	15.95	0.039	1.000	Pass
			RB50#0	21.16	-6.7	14.46	0.028	1.000	Pass
			RB50#25	21.14	-6.7	14.44	0.028	1.000	Pass
			RB50#50	21.04	-6.7	14.34	0.027	1.000	Pass
			RB100#0	21.26	-6.7	14.56	0.029	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Off set)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 38									
5 MHz	LCH	QPSK	RB1#0	22.88	-3.15	19.73	0.094	2.000	Pass
			RB1#13	22.77	-3.15	19.62	0.092	2.000	Pass
			RB1#24	22.77	-3.15	19.62	0.092	2.000	Pass
			RB12#0	21.83	-3.15	18.68	0.074	2.000	Pass
			RB12#6	21.97	-3.15	18.82	0.076	2.000	Pass
			RB12#13	21.8	-3.15	18.65	0.073	2.000	Pass
			RB25#0	21.81	-3.15	18.66	0.073	2.000	Pass
		16-QAM	RB1#0	21.91	-3.15	18.76	0.075	2.000	Pass
			RB1#13	21.92	-3.15	18.77	0.075	2.000	Pass
			RB1#24	21.85	-3.15	18.70	0.074	2.000	Pass
			RB12#0	20.34	-3.15	17.19	0.052	2.000	Pass
			RB12#6	20.46	-3.15	17.31	0.054	2.000	Pass
			RB12#13	20.41	-3.15	17.26	0.053	2.000	Pass
			RB25#0	20.24	-3.15	17.09	0.051	2.000	Pass
	MCH	QPSK	RB1#0	23.04	-3.15	19.89	0.097	2.000	Pass
			RB1#13	23.08	-3.15	19.93	0.098	2.000	Pass
			RB1#24	23.16	-3.15	20.01	0.100	2.000	Pass
			RB12#0	21.98	-3.15	18.83	0.076	2.000	Pass
			RB12#6	22.13	-3.15	18.98	0.079	2.000	Pass
			RB12#13	21.98	-3.15	18.83	0.076	2.000	Pass
			RB25#0	21.98	-3.15	18.83	0.076	2.000	Pass
		16-QAM	RB1#0	21.79	-3.15	18.64	0.073	2.000	Pass
			RB1#13	22.1	-3.15	18.95	0.079	2.000	Pass
			RB1#24	21.77	-3.15	18.62	0.073	2.000	Pass
			RB12#0	20.53	-3.15	17.38	0.055	2.000	Pass
			RB12#6	20.52	-3.15	17.37	0.055	2.000	Pass
			RB12#13	20.54	-3.15	17.39	0.055	2.000	Pass
			RB25#0	20.57	-3.15	17.42	0.055	2.000	Pass
	HCH	QPSK	RB1#0	22.95	-3.15	19.80	0.095	2.000	Pass
			RB1#13	23.03	-3.15	19.88	0.097	2.000	Pass
			RB1#24	22.9	-3.15	19.75	0.094	2.000	Pass
			RB12#0	22.04	-3.15	18.89	0.077	2.000	Pass
			RB12#6	22.02	-3.15	18.87	0.077	2.000	Pass
			RB12#13	21.88	-3.15	18.73	0.075	2.000	Pass
			RB25#0	21.88	-3.15	18.73	0.075	2.000	Pass
		16-QAM	RB1#0	22.02	-3.15	18.87	0.077	2.000	Pass
			RB1#13	22.05	-3.15	18.90	0.078	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 38									
10 MHz			RB1#24	22.13	-3.15	18.98	0.079	2.000	Pass
			RB12#0	20.43	-3.15	17.28	0.053	2.000	Pass
			RB12#6	20.43	-3.15	17.28	0.053	2.000	Pass
			RB12#13	20.28	-3.15	17.13	0.052	2.000	Pass
			RB25#0	20.59	-3.15	17.44	0.055	2.000	Pass
	LCH	QPSK	RB1#0	22.69	-3.15	19.54	0.090	2.000	Pass
			RB1#25	22.54	-3.15	19.39	0.087	2.000	Pass
			RB1#49	22.57	-3.15	19.42	0.087	2.000	Pass
			RB25#0	21.48	-3.15	18.33	0.068	2.000	Pass
			RB25#13	21.37	-3.15	18.22	0.066	2.000	Pass
			RB25#25	21.51	-3.15	18.36	0.069	2.000	Pass
			RB50#0	21.39	-3.15	18.24	0.067	2.000	Pass
		16-QAM	RB1#0	21.74	-3.15	18.59	0.072	2.000	Pass
			RB1#25	21.67	-3.15	18.52	0.071	2.000	Pass
			RB1#49	21.76	-3.15	18.61	0.073	2.000	Pass
			RB25#0	19.92	-3.15	16.77	0.048	2.000	Pass
			RB25#13	19.87	-3.15	16.72	0.047	2.000	Pass
			RB25#25	19.92	-3.15	16.77	0.048	2.000	Pass
			RB50#0	20.03	-3.15	16.88	0.049	2.000	Pass
	MCH	QPSK	RB1#0	22.67	-3.15	19.52	0.090	2.000	Pass
			RB1#25	22.77	-3.15	19.62	0.092	2.000	Pass
			RB1#49	22.74	-3.15	19.59	0.091	2.000	Pass
			RB25#0	21.54	-3.15	18.39	0.069	2.000	Pass
			RB25#13	21.6	-3.15	18.45	0.070	2.000	Pass
			RB25#25	21.63	-3.15	18.48	0.070	2.000	Pass
			RB50#0	21.5	-3.15	18.35	0.068	2.000	Pass
		16-QAM	RB1#0	21.74	-3.15	18.59	0.072	2.000	Pass
			RB1#25	22.05	-3.15	18.90	0.078	2.000	Pass
			RB1#49	21.79	-3.15	18.64	0.073	2.000	Pass
			RB25#0	20.16	-3.15	17.01	0.050	2.000	Pass
			RB25#13	20.24	-3.15	17.09	0.051	2.000	Pass
			RB25#25	20.26	-3.15	17.11	0.051	2.000	Pass
			RB50#0	20.26	-3.15	17.11	0.051	2.000	Pass
	HCH	QPSK	RB1#0	22.51	-3.15	19.36	0.086	2.000	Pass
			RB1#25	22.43	-3.15	19.28	0.085	2.000	Pass
			RB1#49	22.54	-3.15	19.39	0.087	2.000	Pass
			RB25#0	21.45	-3.15	18.30	0.068	2.000	Pass
			RB25#13	21.49	-3.15	18.34	0.068	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 38									
15 MHz	LCH	16-QAM	RB25#25	21.57	-3.15	18.42	0.070	2.000	Pass
			RB50#0	21.45	-3.15	18.30	0.068	2.000	Pass
			RB1#0	21.37	-3.15	18.22	0.066	2.000	Pass
			RB1#25	21.41	-3.15	18.26	0.067	2.000	Pass
			RB1#49	21.39	-3.15	18.24	0.067	2.000	Pass
			RB25#0	20.24	-3.15	17.09	0.051	2.000	Pass
			RB25#13	20.3	-3.15	17.15	0.052	2.000	Pass
			RB25#25	20.31	-3.15	17.16	0.052	2.000	Pass
			RB50#0	19.98	-3.15	16.83	0.048	2.000	Pass
		QPSK	RB1#0	22.79	-3.15	19.64	0.092	2.000	Pass
			RB1#38	22.64	-3.15	19.49	0.089	2.000	Pass
			RB1#74	22.64	-3.15	19.49	0.089	2.000	Pass
			RB36#0	21.54	-3.15	18.39	0.069	2.000	Pass
			RB36#19	21.44	-3.15	18.29	0.067	2.000	Pass
			RB36#39	21.47	-3.15	18.32	0.068	2.000	Pass
			RB75#0	21.5	-3.15	18.35	0.068	2.000	Pass
			RB1#0	21.79	-3.15	18.64	0.073	2.000	Pass
		16-QAM	RB1#38	21.74	-3.15	18.59	0.072	2.000	Pass
			RB1#74	21.69	-3.15	18.54	0.071	2.000	Pass
			RB36#0	19.99	-3.15	16.84	0.048	2.000	Pass
			RB36#19	20.03	-3.15	16.88	0.049	2.000	Pass
			RB36#39	19.93	-3.15	16.78	0.048	2.000	Pass
			RB75#0	19.99	-3.15	16.84	0.048	2.000	Pass
15 MHz	MCH	QPSK	RB1#0	22.62	-3.15	19.47	0.089	2.000	Pass
			RB1#38	22.71	-3.15	19.56	0.090	2.000	Pass
			RB1#74	22.73	-3.15	19.58	0.091	2.000	Pass
			RB36#0	21.67	-3.15	18.52	0.071	2.000	Pass
			RB36#19	21.62	-3.15	18.47	0.070	2.000	Pass
			RB36#39	21.67	-3.15	18.52	0.071	2.000	Pass
			RB75#0	21.66	-3.15	18.51	0.071	2.000	Pass
		16-QAM	RB1#0	21.63	-3.15	18.48	0.070	2.000	Pass
			RB1#38	21.99	-3.15	18.84	0.077	2.000	Pass
			RB1#74	21.85	-3.15	18.70	0.074	2.000	Pass
			RB36#0	19.99	-3.15	16.84	0.048	2.000	Pass
			RB36#19	20.07	-3.15	16.92	0.049	2.000	Pass
			RB36#39	19.99	-3.15	16.84	0.048	2.000	Pass
			RB75#0	20.3	-3.15	17.15	0.052	2.000	Pass
	HCH	QPSK	RB1#0	22.61	-3.15	19.46	0.088	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 38									
			RB1#38	22.54	-3.15	19.39	0.087	2.000	Pass
			RB1#74	22.55	-3.15	19.40	0.087	2.000	Pass
			RB36#0	21.51	-3.15	18.36	0.069	2.000	Pass
			RB36#19	21.44	-3.15	18.29	0.067	2.000	Pass
			RB36#39	21.47	-3.15	18.32	0.068	2.000	Pass
			RB75#0	21.47	-3.15	18.32	0.068	2.000	Pass
		16-QAM	RB1#0	21.03	-3.15	17.88	0.061	2.000	Pass
			RB1#38	20.95	-3.15	17.80	0.060	2.000	Pass
			RB1#74	20.86	-3.15	17.71	0.059	2.000	Pass
			RB36#0	20.22	-3.15	17.07	0.051	2.000	Pass
			RB36#19	20.28	-3.15	17.13	0.052	2.000	Pass
			RB36#39	20.2	-3.15	17.05	0.051	2.000	Pass
			RB75#0	20.14	-3.15	16.99	0.050	2.000	Pass
20 MHz	LCH	QPSK	RB1#0	22.55	-3.15	19.40	0.087	2.000	Pass
			RB1#50	22.4	-3.15	19.25	0.084	2.000	Pass
			RB1#99	22.6	-3.15	19.45	0.088	2.000	Pass
			RB50#0	21.55	-3.15	18.40	0.069	2.000	Pass
			RB50#25	21.58	-3.15	18.43	0.070	2.000	Pass
			RB50#50	21.6	-3.15	18.45	0.070	2.000	Pass
			RB100#0	21.5	-3.15	18.35	0.068	2.000	Pass
		16-QAM	RB1#0	21.57	-3.15	18.42	0.070	2.000	Pass
			RB1#50	21.55	-3.15	18.40	0.069	2.000	Pass
			RB1#99	21.92	-3.15	18.77	0.075	2.000	Pass
			RB50#0	20.22	-3.15	17.07	0.051	2.000	Pass
			RB50#25	20.2	-3.15	17.05	0.051	2.000	Pass
			RB50#50	20.16	-3.15	17.01	0.050	2.000	Pass
			RB100#0	20.04	-3.15	16.89	0.049	2.000	Pass
	MCH	QPSK	RB1#0	22.55	-3.15	19.40	0.087	2.000	Pass
			RB1#50	22.65	-3.15	19.50	0.089	2.000	Pass
			RB1#99	22.59	-3.15	19.44	0.088	2.000	Pass
			RB50#0	21.71	-3.15	18.56	0.072	2.000	Pass
			RB50#25	21.62	-3.15	18.47	0.070	2.000	Pass
			RB50#50	21.61	-3.15	18.46	0.070	2.000	Pass
			RB100#0	21.69	-3.15	18.54	0.071	2.000	Pass
		16-QAM	RB1#0	21.19	-3.15	18.04	0.064	2.000	Pass
			RB1#50	21.25	-3.15	18.10	0.065	2.000	Pass
			RB1#99	21.12	-3.15	17.97	0.063	2.000	Pass
			RB50#0	20.15	-3.15	17.00	0.050	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 38									
			RB50#25	20.2	-3.15	17.05	0.051	2.000	Pass
			RB50#50	20.18	-3.15	17.03	0.050	2.000	Pass
			RB100#0	20.09	-3.15	16.94	0.049	2.000	Pass
	HCH	QPSK	RB1#0	22.73	-3.15	19.58	0.091	2.000	Pass
			RB1#50	22.74	-3.15	19.59	0.091	2.000	Pass
			RB1#99	22.77	-3.15	19.62	0.092	2.000	Pass
			RB50#0	21.55	-3.15	18.40	0.069	2.000	Pass
			RB50#25	21.63	-3.15	18.48	0.070	2.000	Pass
			RB50#50	21.6	-3.15	18.45	0.070	2.000	Pass
			RB100#0	21.52	-3.15	18.37	0.069	2.000	Pass
		16-QAM	RB1#0	22.17	-3.15	19.02	0.080	2.000	Pass
			RB1#50	22.16	-3.15	19.01	0.080	2.000	Pass
			RB1#99	22.17	-3.15	19.02	0.080	2.000	Pass
			RB50#0	19.97	-3.15	16.82	0.048	2.000	Pass
			RB50#25	20	-3.15	16.85	0.048	2.000	Pass
			RB50#50	20.13	-3.15	16.98	0.050	2.000	Pass
			RB100#0	20.11	-3.15	16.96	0.050	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Off set)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 41									
5 MHz	LCH	QPSK	RB1#0	23.05	-3.15	19.90	0.098	2.000	Pass
			RB1#13	23.11	-3.15	19.96	0.099	2.000	Pass
			RB1#24	23.02	-3.15	19.87	0.097	2.000	Pass
			RB12#0	22.17	-3.15	19.02	0.080	2.000	Pass
			RB12#6	21.97	-3.15	18.82	0.076	2.000	Pass
			RB12#13	22	-3.15	18.85	0.077	2.000	Pass
			RB25#0	22.01	-3.15	18.86	0.077	2.000	Pass
		16-QAM	RB1#0	21.81	-3.15	18.66	0.073	2.000	Pass
			RB1#13	21.78	-3.15	18.63	0.073	2.000	Pass
			RB1#24	21.8	-3.15	18.65	0.073	2.000	Pass
			RB12#0	20.51	-3.15	17.36	0.054	2.000	Pass
			RB12#6	20.5	-3.15	17.35	0.054	2.000	Pass
			RB12#13	20.52	-3.15	17.37	0.055	2.000	Pass
			RB25#0	20.56	-3.15	17.41	0.055	2.000	Pass
	MCH	QPSK	RB1#0	23.08	-3.15	19.93	0.098	2.000	Pass
			RB1#13	23.16	-3.15	20.01	0.100	2.000	Pass
			RB1#24	23.03	-3.15	19.88	0.097	2.000	Pass
			RB12#0	22.01	-3.15	18.86	0.077	2.000	Pass
			RB12#6	22.15	-3.15	19.00	0.079	2.000	Pass
			RB12#13	22.01	-3.15	18.86	0.077	2.000	Pass
			RB25#0	22.02	-3.15	18.87	0.077	2.000	Pass
		16-QAM	RB1#0	22.16	-3.15	19.01	0.080	2.000	Pass
			RB1#13	22.34	-3.15	19.19	0.083	2.000	Pass
			RB1#24	22.29	-3.15	19.14	0.082	2.000	Pass
			RB12#0	20.49	-3.15	17.34	0.054	2.000	Pass
			RB12#6	20.6	-3.15	17.45	0.056	2.000	Pass
			RB12#13	20.45	-3.15	17.30	0.054	2.000	Pass
			RB25#0	20.76	-3.15	17.61	0.058	2.000	Pass
	HCH	QPSK	RB1#0	23.04	-3.15	19.89	0.097	2.000	Pass
			RB1#13	22.84	-3.15	19.69	0.093	2.000	Pass
			RB1#24	22.94	-3.15	19.79	0.095	2.000	Pass
			RB12#0	21.88	-3.15	18.73	0.075	2.000	Pass
			RB12#6	22.05	-3.15	18.90	0.078	2.000	Pass
			RB12#13	21.93	-3.15	18.78	0.076	2.000	Pass
			RB25#0	21.91	-3.15	18.76	0.075	2.000	Pass
		16-QAM	RB1#0	22.04	-3.15	18.89	0.077	2.000	Pass
			RB1#13	21.99	-3.15	18.84	0.077	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 41									
10 MHz			RB1#24	21.84	-3.15	18.69	0.074	2.000	Pass
			RB12#0	20.52	-3.15	17.37	0.055	2.000	Pass
			RB12#6	20.44	-3.15	17.29	0.054	2.000	Pass
			RB12#13	20.59	-3.15	17.44	0.055	2.000	Pass
			RB25#0	20.35	-3.15	17.20	0.052	2.000	Pass
	LCH	QPSK	RB1#0	22.76	-3.15	19.61	0.091	2.000	Pass
			RB1#25	22.72	-3.15	19.57	0.091	2.000	Pass
			RB1#49	22.61	-3.15	19.46	0.088	2.000	Pass
			RB25#0	21.65	-3.15	18.50	0.071	2.000	Pass
			RB25#13	21.54	-3.15	18.39	0.069	2.000	Pass
			RB25#25	21.54	-3.15	18.39	0.069	2.000	Pass
			RB50#0	21.56	-3.15	18.41	0.069	2.000	Pass
		16-QAM	RB1#0	21.74	-3.15	18.59	0.072	2.000	Pass
			RB1#25	21.66	-3.15	18.51	0.071	2.000	Pass
			RB1#49	21.59	-3.15	18.44	0.070	2.000	Pass
			RB25#0	19.99	-3.15	16.84	0.048	2.000	Pass
			RB25#13	20.09	-3.15	16.94	0.049	2.000	Pass
			RB25#25	20.11	-3.15	16.96	0.050	2.000	Pass
			RB50#0	20.13	-3.15	16.98	0.050	2.000	Pass
	MCH	QPSK	RB1#0	22.63	-3.15	19.48	0.089	2.000	Pass
			RB1#25	22.89	-3.15	19.74	0.094	2.000	Pass
			RB1#49	22.7	-3.15	19.55	0.090	2.000	Pass
			RB25#0	21.61	-3.15	18.46	0.070	2.000	Pass
			RB25#13	21.68	-3.15	18.53	0.071	2.000	Pass
			RB25#25	21.65	-3.15	18.50	0.071	2.000	Pass
			RB50#0	21.63	-3.15	18.48	0.070	2.000	Pass
		16-QAM	RB1#0	21.87	-3.15	18.72	0.074	2.000	Pass
			RB1#25	22.02	-3.15	18.87	0.077	2.000	Pass
			RB1#49	21.75	-3.15	18.60	0.072	2.000	Pass
			RB25#0	20.23	-3.15	17.08	0.051	2.000	Pass
			RB25#13	20.31	-3.15	17.16	0.052	2.000	Pass
			RB25#25	20.23	-3.15	17.08	0.051	2.000	Pass
			RB50#0	20.34	-3.15	17.19	0.052	2.000	Pass
	HCH	QPSK	RB1#0	22.52	-3.15	19.37	0.086	2.000	Pass
			RB1#25	22.57	-3.15	19.42	0.087	2.000	Pass
			RB1#49	22.62	-3.15	19.47	0.089	2.000	Pass
			RB25#0	21.41	-3.15	18.26	0.067	2.000	Pass
			RB25#13	21.55	-3.15	18.40	0.069	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 41									
			RB25#25	21.64	-3.15	18.49	0.071	2.000	Pass
			RB50#0	21.44	-3.15	18.29	0.067	2.000	Pass
		16-QAM	RB1#0	21.3	-3.15	18.15	0.065	2.000	Pass
			RB1#25	21.44	-3.15	18.29	0.067	2.000	Pass
			RB1#49	21.4	-3.15	18.25	0.067	2.000	Pass
			RB25#0	20.36	-3.15	17.21	0.053	2.000	Pass
			RB25#13	20.27	-3.15	17.12	0.052	2.000	Pass
			RB25#25	20.32	-3.15	17.17	0.052	2.000	Pass
			RB50#0	19.98	-3.15	16.83	0.048	2.000	Pass
15 MHz	LCH	QPSK	RB1#0	22.78	-3.15	19.63	0.092	2.000	Pass
			RB1#38	22.73	-3.15	19.58	0.091	2.000	Pass
			RB1#74	22.72	-3.15	19.57	0.091	2.000	Pass
			RB36#0	21.56	-3.15	18.41	0.069	2.000	Pass
			RB36#19	21.68	-3.15	18.53	0.071	2.000	Pass
			RB36#39	21.59	-3.15	18.44	0.070	2.000	Pass
			RB75#0	21.56	-3.15	18.41	0.069	2.000	Pass
		16-QAM	RB1#0	21.81	-3.15	18.66	0.073	2.000	Pass
			RB1#38	21.66	-3.15	18.51	0.071	2.000	Pass
			RB1#74	21.68	-3.15	18.53	0.071	2.000	Pass
			RB36#0	20.14	-3.15	16.99	0.050	2.000	Pass
			RB36#19	20.06	-3.15	16.91	0.049	2.000	Pass
			RB36#39	20.18	-3.15	17.03	0.050	2.000	Pass
			RB75#0	20.12	-3.15	16.97	0.050	2.000	Pass
	MCH	QPSK	RB1#0	22.63	-3.15	19.48	0.089	2.000	Pass
			RB1#38	22.71	-3.15	19.56	0.090	2.000	Pass
			RB1#74	22.89	-3.15	19.74	0.094	2.000	Pass
			RB36#0	21.67	-3.15	18.52	0.071	2.000	Pass
			RB36#19	21.62	-3.15	18.47	0.070	2.000	Pass
			RB36#39	21.68	-3.15	18.53	0.071	2.000	Pass
			RB75#0	21.67	-3.15	18.52	0.071	2.000	Pass
		16-QAM	RB1#0	21.86	-3.15	18.71	0.074	2.000	Pass
			RB1#38	22	-3.15	18.85	0.077	2.000	Pass
			RB1#74	21.87	-3.15	18.72	0.074	2.000	Pass
			RB36#0	20.01	-3.15	16.86	0.049	2.000	Pass
			RB36#19	20.09	-3.15	16.94	0.049	2.000	Pass
			RB36#39	20.02	-3.15	16.87	0.049	2.000	Pass
			RB75#0	20.31	-3.15	17.16	0.052	2.000	Pass
	HCH	QPSK	RB1#0	22.47	-3.15	19.32	0.086	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 41									
			RB1#38	22.47	-3.15	19.32	0.086	2.000	Pass
			RB1#74	22.61	-3.15	19.46	0.088	2.000	Pass
			RB36#0	21.43	-3.15	18.28	0.067	2.000	Pass
			RB36#19	21.47	-3.15	18.32	0.068	2.000	Pass
			RB36#39	21.61	-3.15	18.46	0.070	2.000	Pass
			RB75#0	21.47	-3.15	18.32	0.068	2.000	Pass
		16-QAM	RB1#0	21.17	-3.15	18.02	0.063	2.000	Pass
			RB1#38	21.24	-3.15	18.09	0.064	2.000	Pass
			RB1#74	21.11	-3.15	17.96	0.063	2.000	Pass
			RB36#0	20.15	-3.15	17.00	0.050	2.000	Pass
			RB36#19	20.34	-3.15	17.19	0.052	2.000	Pass
			RB36#39	20.33	-3.15	17.18	0.052	2.000	Pass
			RB75#0	20.2	-3.15	17.05	0.051	2.000	Pass
20 MHz	LCH	QPSK	RB1#0	22.63	-3.15	19.48	0.089	2.000	Pass
			RB1#50	22.53	-3.15	19.38	0.087	2.000	Pass
			RB1#99	22.47	-3.15	19.32	0.086	2.000	Pass
			RB50#0	21.72	-3.15	18.57	0.072	2.000	Pass
			RB50#25	21.7	-3.15	18.55	0.072	2.000	Pass
			RB50#50	21.56	-3.15	18.41	0.069	2.000	Pass
			RB100#0	21.55	-3.15	18.40	0.069	2.000	Pass
		16-QAM	RB1#0	21.84	-3.15	18.69	0.074	2.000	Pass
			RB1#50	21.79	-3.15	18.64	0.073	2.000	Pass
			RB1#99	21.75	-3.15	18.60	0.072	2.000	Pass
			RB50#0	20.24	-3.15	17.09	0.051	2.000	Pass
			RB50#25	20.29	-3.15	17.14	0.052	2.000	Pass
			RB50#50	20.15	-3.15	17.00	0.050	2.000	Pass
			RB100#0	20.07	-3.15	16.92	0.049	2.000	Pass
	MCH	QPSK	RB1#0	22.66	-3.15	19.51	0.089	2.000	Pass
			RB1#50	22.66	-3.15	19.51	0.089	2.000	Pass
			RB1#99	22.77	-3.15	19.62	0.092	2.000	Pass
			RB50#0	21.73	-3.15	18.58	0.072	2.000	Pass
			RB50#25	21.64	-3.15	18.49	0.071	2.000	Pass
			RB50#50	21.62	-3.15	18.47	0.070	2.000	Pass
			RB100#0	21.71	-3.15	18.56	0.072	2.000	Pass
		16-QAM	RB1#0	21.21	-3.15	18.06	0.064	2.000	Pass
			RB1#50	21.27	-3.15	18.12	0.065	2.000	Pass
			RB1#99	21.13	-3.15	17.98	0.063	2.000	Pass
			RB50#0	20.27	-3.15	17.12	0.052	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE Band 41									
			RB50#25	20.31	-3.15	17.16	0.052	2.000	Pass
			RB50#50	20.19	-3.15	17.04	0.051	2.000	Pass
			RB100#0	20.13	-3.15	16.98	0.050	2.000	Pass
	HCH	QPSK	RB1#0	22.63	-3.15	19.48	0.089	2.000	Pass
			RB1#50	22.64	-3.15	19.49	0.089	2.000	Pass
			RB1#99	22.65	-3.15	19.50	0.089	2.000	Pass
			RB50#0	21.49	-3.15	18.34	0.068	2.000	Pass
			RB50#25	21.59	-3.15	18.44	0.070	2.000	Pass
			RB50#50	21.62	-3.15	18.47	0.070	2.000	Pass
			RB100#0	21.45	-3.15	18.30	0.068	2.000	Pass
		16-QAM	RB1#0	22.32	-3.15	19.17	0.083	2.000	Pass
			RB1#50	22.37	-3.15	19.22	0.084	2.000	Pass
			RB1#99	22.46	-3.15	19.31	0.085	2.000	Pass
			RB50#0	20.09	-3.15	16.94	0.049	2.000	Pass
			RB50#25	20.09	-3.15	16.94	0.049	2.000	Pass
			RB50#50	20.1	-3.15	16.95	0.050	2.000	Pass
			RB100#0	20.04	-3.15	16.89	0.049	2.000	Pass

A.2 Peak to Average Ratio

Note 1: For average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB. For GSM, GPRS and EGPRS, there are peak power to demonstrate compliance, PAR measurements are not required.

Note 2: Test plots please refer to the document “Annex No.: Ti-EE26010095-501 Data Part 1.pdf”.

WCDMA Mode Test Data

Test Band	Test Channel	Peak to Average Ratio (dB)	Limit(dB)	Verdict ^{Note2}
Band 2	LCH	3	13	Pass
	MCH	3.09	13	Pass
	HCH	3.05	13	Pass
Band 5	LCH	3.05	13	Pass
	MCH	2.95	13	Pass
	HCH	2.95	13	Pass

LTE Mode Test Data

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict ^{Note2}
LTE Band 2	1.4MHz	LCH	QPSK	RB1#0	5.3	13	Pass
				RB6#0	5.72	13	Pass
			16-QAM	RB1#0	5.91	13	Pass
				RB6#0	6.38	13	Pass
		MCH	QPSK	RB1#0	5.3	13	Pass
				RB6#0	5.81	13	Pass
			16-QAM	RB1#0	6.09	13	Pass
				RB6#0	6.61	13	Pass
		HCH	QPSK	RB1#0	4.36	13	Pass
				RB6#0	4.92	13	Pass
			16-QAM	RB1#0	4.78	13	Pass
				RB6#0	5.86	13	Pass
	3MHz	LCH	QPSK	RB1#0	5.25	13	Pass
				RB15#0	5.67	13	Pass
			16-QAM	RB1#0	6.28	13	Pass
				RB15#0	6.47	13	Pass
		MCH	QPSK	RB1#0	5.39	13	Pass
				RB15#0	5.77	13	Pass
			16-QAM	RB1#0	6.47	13	Pass
				RB15#0	6.66	13	Pass
		HCH	QPSK	RB1#0	4.69	13	Pass
				RB15#0	5.06	13	Pass

			16-QAM	RB1#0	5.72	13	Pass
				RB15#0	6.09	13	Pass
	5MHz	LCH	QPSK	RB1#0	5.44	13	Pass
				RB25#0	5.63	13	Pass
			16-QAM	RB1#0	6.19	13	Pass
				RB25#0	6.28	13	Pass
		MCH	QPSK	RB1#0	5.3	13	Pass
				RB25#0	5.86	13	Pass
			16-QAM	RB1#0	5.95	13	Pass
				RB25#0	6.56	13	Pass
		HCH	QPSK	RB1#0	5.25	13	Pass
				RB25#0	5.3	13	Pass
			16-QAM	RB1#0	6	13	Pass
				RB25#0	6.23	13	Pass
	10MHz	LCH	QPSK	RB1#0	5.25	13	Pass
				RB50#0	5.63	13	Pass
			16-QAM	RB1#0	6.33	13	Pass
				RB50#0	6.28	13	Pass
		MCH	QPSK	RB1#0	5.3	13	Pass
				RB50#0	5.86	13	Pass
			16-QAM	RB1#0	6.28	13	Pass
				RB50#0	6.7	13	Pass
		HCH	QPSK	RB1#0	5.11	13	Pass
				RB50#0	5.58	13	Pass
			16-QAM	RB1#0	6	13	Pass
				RB50#0	6.42	13	Pass
	15MHz	LCH	QPSK	RB1#0	5.2	13	Pass
				RB75#0	5.91	13	Pass
			16-QAM	RB1#0	6.33	13	Pass
				RB75#0	6.38	13	Pass
		MCH	QPSK	RB1#0	5.25	13	Pass
				RB75#0	6.14	13	Pass
			16-QAM	RB1#0	6.05	13	Pass
				RB75#0	6.66	13	Pass
		HCH	QPSK	RB1#0	5.11	13	Pass
				RB75#0	5.95	13	Pass
			16-QAM	RB1#0	5.91	13	Pass
				RB75#0	6.42	13	Pass
	20 MHz	LCH	QPSK	RB1#0	5.48	13	Pass
				RB100#0	5.77	13	Pass
			16-QAM	RB1#0	6.47	13	Pass
				RB100#0	6.42	13	Pass
		MCH	QPSK	RB1#0	5.02	13	Pass

LTE Band 4			16-QAM	RB100#0	5.86	13	Pass
				RB1#0	5.77	13	Pass
				RB100#0	6.61	13	Pass
		HCH	QPSK	RB1#0	5.25	13	Pass
				RB100#0	5.77	13	Pass
			16-QAM	RB1#0	6.14	13	Pass
				RB100#0	6.52	13	Pass
	1.4MHz	LCH	QPSK	RB1#0	5.11	13	Pass
				RB6#0	5.44	13	Pass
			16-QAM	RB1#0	5.81	13	Pass
				RB6#0	6.19	13	Pass
		MCH	QPSK	RB1#0	4.88	13	Pass
				RB6#0	5.48	13	Pass
			16-QAM	RB1#0	5.77	13	Pass
				RB6#0	6.28	13	Pass
		HCH	QPSK	RB1#0	5.11	13	Pass
				RB6#0	5.48	13	Pass
			16-QAM	RB1#0	5.72	13	Pass
				RB6#0	6.19	13	Pass
	3MHz	LCH	QPSK	RB1#0	4.92	13	Pass
				RB15#0	5.44	13	Pass
			16-QAM	RB1#0	6	13	Pass
				RB15#0	6.28	13	Pass
		MCH	QPSK	RB1#0	5.02	13	Pass
				RB15#0	5.39	13	Pass
			16-QAM	RB1#0	5.95	13	Pass
				RB15#0	6.28	13	Pass
		HCH	QPSK	RB1#0	4.83	13	Pass
				RB15#0	5.39	13	Pass
			16-QAM	RB1#0	5.63	13	Pass
				RB15#0	6.14	13	Pass
	5MHz	LCH	QPSK	RB1#0	6.05	13	Pass
				RB25#0	5.81	13	Pass
			16-QAM	RB1#0	6.52	13	Pass
				RB25#0	5.77	13	Pass
		MCH	QPSK	RB1#0	4.88	13	Pass
				RB25#0	5.39	13	Pass
			16-QAM	RB1#0	6	13	Pass
				RB25#0	6.19	13	Pass
		HCH	QPSK	RB1#0	4.83	13	Pass
				RB25#0	5.39	13	Pass
			16-QAM	RB1#0	5.58	13	Pass
				RB25#0	6.09	13	Pass

	10MHz	LCH	QPSK	RB1#0	4.88	13	Pass
				RB50#0	5.48	13	Pass
			16-QAM	RB1#0	6	13	Pass
				RB50#0	6.23	13	Pass
		MCH	QPSK	RB1#0	4.88	13	Pass
				RB50#0	5.44	13	Pass
			16-QAM	RB1#0	6	13	Pass
				RB50#0	6.28	13	Pass
		HCH	QPSK	RB1#0	4.69	13	Pass
				RB50#0	5.77	13	Pass
			16-QAM	RB1#0	6.05	13	Pass
				RB50#0	5.81	13	Pass
	15MHz	LCH	QPSK	RB1#0	5.67	13	Pass
				RB75#0	6.09	13	Pass
			16-QAM	RB1#0	6.61	13	Pass
				RB75#0	6	13	Pass
		MCH	QPSK	RB1#0	5.63	13	Pass
				RB75#0	6.14	13	Pass
			16-QAM	RB1#0	6.66	13	Pass
				RB75#0	6.09	13	Pass
		HCH	QPSK	RB1#0	5.72	13	Pass
				RB75#0	6.09	13	Pass
			16-QAM	RB1#0	6.38	13	Pass
				RB75#0	6.05	13	Pass
	20 MHz	LCH	QPSK	RB1#0	5.48	13	Pass
				RB100#0	5.77	13	Pass
			16-QAM	RB1#0	6	13	Pass
				RB100#0	6.09	13	Pass
		MCH	QPSK	RB1#0	5.72	13	Pass
				RB100#0	5.81	13	Pass
			16-QAM	RB1#0	6.56	13	Pass
				RB100#0	6.14	13	Pass
		HCH	QPSK	RB1#0	5.81	13	Pass
				RB100#0	5.86	13	Pass
			16-QAM	RB1#0	6.89	13	Pass
				RB100#0	6.05	13	Pass
LTE Band 5	1.4MHz	LCH	QPSK	RB1#0	4.97	13	Pass
				RB6#0	5.34	13	Pass
			16-QAM	RB1#0	5.77	13	Pass
				RB6#0	5.02	13	Pass
		MCH	QPSK	RB1#0	3.8	13	Pass
				RB6#0	4.22	13	Pass
			16-QAM	RB1#0	4.41	13	Pass
				RB1#0	4.41	13	Pass

		HCH	QPSK	RB6#0	5.16	13	Pass
				RB1#0	3.66	13	Pass
			16-QAM	RB6#0	4.41	13	Pass
				RB1#0	4.55	13	Pass
				RB6#0	5.02	13	Pass
	3MHz	LCH	QPSK	RB1#0	4.13	13	Pass
				RB15#0	4.78	13	Pass
			16-QAM	RB1#0	5.02	13	Pass
				RB15#0	5.48	13	Pass
		MCH	QPSK	RB1#0	3.84	13	Pass
				RB15#0	4.27	13	Pass
			16-QAM	RB1#0	4.5	13	Pass
				RB15#0	5.16	13	Pass
		HCH	QPSK	RB1#0	3.7	13	Pass
				RB15#0	4.45	13	Pass
			16-QAM	RB1#0	4.69	13	Pass
				RB15#0	5.06	13	Pass
	5MHz	LCH	QPSK	RB1#0	4.27	13	Pass
				RB25#0	5.06	13	Pass
			16-QAM	RB1#0	5.16	13	Pass
				RB25#0	5.53	13	Pass
		MCH	QPSK	RB1#0	3.89	13	Pass
				RB25#0	4.5	13	Pass
			16-QAM	RB1#0	4.64	13	Pass
				RB25#0	5.2	13	Pass
		HCH	QPSK	RB1#0	3.84	13	Pass
				RB25#0	4.59	13	Pass
			16-QAM	RB1#0	4.73	13	Pass
				RB25#0	5.25	13	Pass
	10MHz	LCH	QPSK	RB1#0	4.13	13	Pass
				RB50#0	5.3	13	Pass
			16-QAM	RB1#0	5.11	13	Pass
				RB50#0	5.91	13	Pass
		MCH	QPSK	RB1#0	4.08	13	Pass
				RB50#0	5.06	13	Pass
			16-QAM	RB1#0	5.06	13	Pass
				RB50#0	5.72	13	Pass
		HCH	QPSK	RB1#0	3.52	13	Pass
				RB50#0	5.06	13	Pass
			16-QAM	RB1#0	4.59	13	Pass
				RB50#0	5.81	13	Pass
LTE Band 7	5MHz	LCH	QPSK	RB1#0	3.98	13	Pass
				RB25#0	4.73	13	Pass

			16-QAM	RB1#0	5.16	13	Pass
				RB25#0	5.53	13	Pass
		MCH	QPSK	RB1#0	3.7	13	Pass
				RB25#0	4.69	13	Pass
			16-QAM	RB1#0	4.73	13	Pass
				RB25#0	3.94	13	Pass
		HCH	QPSK	RB1#0	5.25	13	Pass
				RB25#0	5.39	13	Pass
			16-QAM	RB1#0	5.91	13	Pass
				RB25#0	4.55	13	Pass
	10MHz	LCH	QPSK	RB1#0	5.25	13	Pass
				RB50#0	5.44	13	Pass
			16-QAM	RB1#0	6.14	13	Pass
				RB50#0	4.27	13	Pass
		MCH	QPSK	RB1#0	5.16	13	Pass
				RB50#0	5.48	13	Pass
			16-QAM	RB1#0	6.09	13	Pass
				RB50#0	3.98	13	Pass
		HCH	QPSK	RB1#0	5.11	13	Pass
				RB50#0	5.44	13	Pass
			16-QAM	RB1#0	5.77	13	Pass
				RB50#0	4.5	13	Pass
	15MHz	LCH	QPSK	RB1#0	5.2	13	Pass
				RB75#0	5.86	13	Pass
			16-QAM	RB1#0	6.09	13	Pass
				RB75#0	4.83	13	Pass
		MCH	QPSK	RB1#0	5.11	13	Pass
				RB75#0	5.81	13	Pass
			16-QAM	RB1#0	5.95	13	Pass
				RB75#0	5.95	13	Pass
		HCH	QPSK	RB1#0	4.41	13	Pass
				RB75#0	5.53	13	Pass
			16-QAM	RB1#0	5.39	13	Pass
				RB75#0	6	13	Pass
	20MHz	HCH	QPSK	RB1#0	4.13	13	Pass
				RB100#0	5.25	13	Pass
			16-QAM	RB1#0	5.02	13	Pass
				RB100#0	6	13	Pass
		MCH	QPSK	RB1#0	3.7	13	Pass
				RB100#0	5.25	13	Pass
			16-QAM	RB1#0	4.78	13	Pass
				RB100#0	6	13	Pass
		HCH	QPSK	RB1#0	5.39	13	Pass

LTE Band 12			16-QAM	RB100#0	5.63	13	Pass
				RB1#0	6.52	13	Pass
				RB100#0	5.2	13	Pass
	1.4MHz	LCH	QPSK	RB1#0	4.73	13	Pass
				RB6#0	5.34	13	Pass
			16-QAM	RB1#0	5.39	13	Pass
				RB6#0	4.22	13	Pass
		MCH	QPSK	RB1#0	5.11	13	Pass
				RB6#0	5.77	13	Pass
			16-QAM	RB1#0	6.09	13	Pass
				RB6#0	4.41	13	Pass
		HCH	QPSK	RB1#0	3.84	13	Pass
				RB6#0	4.45	13	Pass
			16-QAM	RB1#0	4.55	13	Pass
				RB6#0	5.44	13	Pass
	3MHz	LCH	QPSK	RB1#0	3.52	13	Pass
				RB15#0	4.36	13	Pass
			16-QAM	RB1#0	4.73	13	Pass
				RB15#0	4.97	13	Pass
		MCH	QPSK	RB1#0	4.17	13	Pass
				RB15#0	4.55	13	Pass
			16-QAM	RB1#0	4.78	13	Pass
				RB15#0	5.44	13	Pass
		HCH	QPSK	RB1#0	3.7	13	Pass
				RB15#0	4.41	13	Pass
			16-QAM	RB1#0	4.73	13	Pass
				RB15#0	5.34	13	Pass
	5MHz	LCH	QPSK	RB1#0	3.56	13	Pass
				RB25#0	4.59	13	Pass
			16-QAM	RB1#0	5.02	13	Pass
				RB25#0	5.44	13	Pass
		MCH	QPSK	RB1#0	4.31	13	Pass
				RB25#0	4.78	13	Pass
			16-QAM	RB1#0	5.3	13	Pass
				RB25#0	5.58	13	Pass
		HCH	QPSK	RB1#0	3.28	13	Pass
				RB25#0	4.5	13	Pass
			16-QAM	RB1#0	4.27	13	Pass
				RB25#0	5.44	13	Pass
	10MHz	LCH	QPSK	RB1#0	3.52	13	Pass
				RB50#0	5.16	13	Pass
			16-QAM	RB1#0	4.73	13	Pass
				RB50#0	5.77	13	Pass

		MCH	QPSK	RB1#0	3.84	13	Pass
				RB50#0	5.16	13	Pass
			16-QAM	RB1#0	4.88	13	Pass
				RB50#0	5.95	13	Pass
		HCH	QPSK	RB1#0	3.89	13	Pass
				RB50#0	5.06	13	Pass
			16-QAM	RB1#0	5.25	13	Pass
				RB50#0	5.91	13	Pass
LTE Band38	5MHz	LCH	QPSK	RB1#0	9.28	13	Pass
				RB25#0	9.09	13	Pass
			16-QAM	RB1#0	9.56	13	Pass
				RB25#0	9.7	13	Pass
		MCH	QPSK	RB1#0	8.3	13	Pass
				RB25#0	8.86	13	Pass
			16-QAM	RB1#0	8.81	13	Pass
				RB25#0	9.56	13	Pass
		HCH	QPSK	RB1#0	8.25	13	Pass
				RB25#0	8.91	13	Pass
			16-QAM	RB1#0	8.86	13	Pass
				RB25#0	9.52	13	Pass
	10MHz	LCH	QPSK	RB1#0	8.48	13	Pass
				RB50#0	9	13	Pass
			16-QAM	RB1#0	9.38	13	Pass
				RB50#0	9.7	13	Pass
		MCH	QPSK	RB1#0	8.48	13	Pass
				RB50#0	9	13	Pass
			16-QAM	RB1#0	9.38	13	Pass
				RB50#0	9.66	13	Pass
		HCH	QPSK	RB1#0	8.63	13	Pass
				RB50#0	8.91	13	Pass
			16-QAM	RB1#0	9.52	13	Pass
				RB50#0	9.66	13	Pass
	15MHz	LCH	QPSK	RB1#0	8.48	13	Pass
				RB75#0	9.33	13	Pass
			16-QAM	RB1#0	9.47	13	Pass
				RB75#0	9.89	13	Pass
		MCH	QPSK	RB1#0	8.53	13	Pass
				RB75#0	9.38	13	Pass
			16-QAM	RB1#0	9.38	13	Pass
				RB75#0	9.89	13	Pass
		HCH	QPSK	RB1#0	8.58	13	Pass
				RB75#0	9.33	13	Pass
			16-QAM	RB1#0	9.75	13	Pass
				RB1#0	9.75	13	Pass

	20 MHz	LCH	QPSK	RB75#0	9.84	13	Pass
				RB1#0	8.39	13	Pass
			16-QAM	RB100#0	9.05	13	Pass
				RB1#0	9.09	13	Pass
		MCH	QPSK	RB100#0	9.75	13	Pass
				RB1#0	8.63	13	Pass
			16-QAM	RB100#0	9.09	13	Pass
				RB1#0	9.56	13	Pass
		HCH	QPSK	RB100#0	9.7	13	Pass
				RB1#0	8.58	13	Pass
			16-QAM	RB100#0	9.09	13	Pass
				RB1#0	9.33	13	Pass
		LCH	QPSK	RB100#0	9.7	13	Pass
				RB1#0	8.44	13	Pass
		MCH	16-QAM	RB25#0	8.91	13	Pass
				RB1#0	9.05	13	Pass
LTE Band41	5MHz	LCH	QPSK	RB25#0	9.61	13	Pass
				RB1#0	8.67	13	Pass
			16-QAM	RB1#0	9.33	13	Pass
				RB25#0	9.61	13	Pass
		MCH	QPSK	RB1#0	8.34	13	Pass
				RB25#0	8.86	13	Pass
			16-QAM	RB1#0	9.09	13	Pass
				RB25#0	9.56	13	Pass
		HCH	QPSK	RB1#0	8.63	13	Pass
				RB50#0	9.05	13	Pass
		LCH	16-QAM	RB1#0	9.52	13	Pass
				RB50#0	9.8	13	Pass
	10MHz	MCH	QPSK	RB1#0	8.67	13	Pass
				RB50#0	9	13	Pass
			16-QAM	RB1#0	9.42	13	Pass
				RB50#0	9.66	13	Pass
		HCH	QPSK	RB1#0	8.77	13	Pass
				RB50#0	8.91	13	Pass
			16-QAM	RB1#0	9.61	13	Pass
				RB50#0	9.61	13	Pass
	15MHz	LCH	QPSK	RB1#0	8.58	13	Pass
				RB75#0	9.33	13	Pass
			16-QAM	RB1#0	9.52	13	Pass
				RB75#0	9.94	13	Pass
		MCH	QPSK	RB1#0	8.63	13	Pass
				RB75#0	9.38	13	Pass

			16-QAM	RB1#0	9.42	13	Pass
				RB75#0	9.89	13	Pass
		HCH	QPSK	RB1#0	8.81	13	Pass
				RB75#0	9.38	13	Pass
			16-QAM	RB1#0	9.7	13	Pass
				RB75#0	9.8	13	Pass
	20 MHz	LCH	QPSK	RB1#0	8.44	13	Pass
				RB100#0	9.05	13	Pass
			16-QAM	RB1#0	9.09	13	Pass
				RB100#0	9.8	13	Pass
		MCH	QPSK	RB1#0	8.77	13	Pass
				RB100#0	9.09	13	Pass
			16-QAM	RB1#0	9.56	13	Pass
				RB100#0	9.75	13	Pass
		HCH	QPSK	RB1#0	8.77	13	Pass
				RB100#0	9.14	13	Pass
			16-QAM	RB1#0	9.28	13	Pass
				RB100#0	9.7	13	Pass
LTE Band 66	1.4MHz	LCH	QPSK	RB1#0	4.73	13	Pass
				RB6#0	5.34	13	Pass
			16-QAM	RB1#0	5.63	13	Pass
				RB6#0	6.09	13	Pass
		MCH	QPSK	RB1#0	5.63	13	Pass
				RB6#0	5.77	13	Pass
			16-QAM	RB1#0	6.47	13	Pass
				RB6#0	6.09	13	Pass
		HCH	QPSK	RB1#0	5.34	13	Pass
				RB6#0	5.81	13	Pass
			16-QAM	RB1#0	6.09	13	Pass
				RB6#0	6.14	13	Pass
	3MHz	LCH	QPSK	RB1#0	5.58	13	Pass
				RB15#0	5.81	13	Pass
			16-QAM	RB1#0	6.61	13	Pass
				RB15#0	6.09	13	Pass
		MCH	QPSK	RB1#0	5.63	13	Pass
				RB15#0	5.72	13	Pass
			16-QAM	RB1#0	6.56	13	Pass
				RB15#0	6.09	13	Pass
		HCH	QPSK	RB1#0	5.44	13	Pass
				RB15#0	5.77	13	Pass
			16-QAM	RB1#0	6.09	13	Pass
				RB15#0	6.19	13	Pass
	5MHz	LCH	QPSK	RB1#0	5.86	13	Pass

			16-QAM	RB25#0	5.72	13	Pass
				RB1#0	6.38	13	Pass
				RB25#0	6	13	Pass
		MCH	QPSK	RB1#0	5.53	13	Pass
				RB25#0	5.81	13	Pass
			16-QAM	RB1#0	6.09	13	Pass
				RB25#0	6.05	13	Pass
		HCH	QPSK	RB1#0	5.67	13	Pass
				RB25#0	5.77	13	Pass
			16-QAM	RB1#0	6.33	13	Pass
				RB25#0	6.23	13	Pass
	10MHz	LCH	QPSK	RB1#0	5.58	13	Pass
				RB50#0	5.77	13	Pass
			16-QAM	RB1#0	6.56	13	Pass
				RB50#0	6.05	13	Pass
		MCH	QPSK	RB1#0	5.63	13	Pass
				RB50#0	5.81	13	Pass
			16-QAM	RB1#0	6.52	13	Pass
				RB50#0	6.09	13	Pass
		HCH	QPSK	RB1#0	5.48	13	Pass
				RB50#0	5.81	13	Pass
			16-QAM	RB1#0	6.14	13	Pass
				RB50#0	6.19	13	Pass
	15MHz	LCH	QPSK	RB1#0	5.63	13	Pass
				RB75#0	6.14	13	Pass
			16-QAM	RB1#0	6.52	13	Pass
				RB75#0	6.23	13	Pass
		MCH	QPSK	RB1#0	5.63	13	Pass
				RB75#0	6.14	13	Pass
			16-QAM	RB1#0	6.42	13	Pass
				RB75#0	6.28	13	Pass
		HCH	QPSK	RB1#0	5.77	13	Pass
				RB75#0	6.14	13	Pass
			16-QAM	RB1#0	6.42	13	Pass
				RB75#0	6.28	13	Pass
	20 MHz	LCH	QPSK	RB1#0	5.39	13	Pass
				RB100#0	5.81	13	Pass
			16-QAM	RB1#0	6.05	13	Pass
				RB100#0	6.23	13	Pass
		MCH	QPSK	RB1#0	5.67	13	Pass
				RB100#0	5.81	13	Pass
			16-QAM	RB1#0	6.42	13	Pass
				RB100#0	6.23	13	Pass

		HCH	QPSK	RB1#0	5.91	13	Pass
				RB100#0	5.86	13	Pass
			16-QAM	RB1#0	6.98	13	Pass
				RB100#0	6.28	13	Pass

A.3 Occupied Bandwidth

Note 1: All modes were tested, but only the typical data were reported in this report.

Note 2: Test plots please refer to the document “Annex No.: Ti-EE26010095-501 Data Part 2.pdf”.

GSM and WCDMA Mode Test Data

Test Band	Test Channel	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict ^{Note2}
GSM 850	LCH	0.247	0.309	Pass
	MCH	0.245	0.309	Pass
	HCH	0.245	0.311	Pass
GSM 1900	LCH	0.244	0.314	Pass
	MCH	0.243	0.314	Pass
	HCH	0.243	0.315	Pass
GPRS 850	LCH	0.245	0.321	Pass
	MCH	0.247	0.321	Pass
	HCH	0.243	0.317	Pass
GPRS 1900	LCH	0.245	0.316	Pass
	MCH	0.243	0.317	Pass
	HCH	0.242	0.316	Pass
EGPRS 850	LCH	0.238	0.308	Pass
	MCH	0.239	0.306	Pass
	HCH	0.239	0.304	Pass
EGPRS 1900	LCH	0.241	0.303	Pass
	MCH	0.239	0.304	Pass
	HCH	0.244	0.314	Pass
WCDMA Band 2	LCH	4.138	4.682	Pass
	MCH	4.137	4.679	Pass
	HCH	4.141	4.679	Pass
WCDMA Band 5	LCH	4.137	4.671	Pass
	MCH	4.138	4.691	Pass
	HCH	4.135	4.677	Pass

LTE Mode Test Data

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict ^{†Note2}
Band 2	1.4 MHz	LCH	QPSK	RB6#0	1.088	1.247	Pass
			16-QAM	RB6#0	1.1	1.243	Pass
		MCH	QPSK	RB6#0	1.095	1.246	Pass
			16-QAM	RB6#0	1.093	1.239	Pass
		HCH	QPSK	RB6#0	1.087	1.239	Pass
			16-QAM	RB6#0	1.1	1.241	Pass
	3 MHz	LCH	QPSK	RB15#0	2.713	3.039	Pass
			16-QAM	RB15#0	2.716	3.039	Pass
		MCH	QPSK	RB15#0	2.71	3.04	Pass
			16-QAM	RB15#0	2.712	3.028	Pass
		HCH	QPSK	RB15#0	2.713	3.036	Pass
			16-QAM	RB15#0	2.707	3.048	Pass
	5 MHz	LCH	QPSK	RB25#0	4.51	4.978	Pass
			16-QAM	RB25#0	4.5	4.968	Pass
		MCH	QPSK	RB25#0	4.499	4.975	Pass
			16-QAM	RB25#0	4.515	4.972	Pass
		HCH	QPSK	RB25#0	4.502	4.968	Pass
			16-QAM	RB25#0	4.513	4.962	Pass
	10 MHz	LCH	QPSK	RB50#0	8.982	9.85	Pass
			16-QAM	RB50#0	8.988	9.881	Pass
		MCH	QPSK	RB50#0	8.985	9.875	Pass
			16-QAM	RB50#0	8.988	9.884	Pass
		HCH	QPSK	RB50#0	9.003	9.895	Pass
			16-QAM	RB50#0	8.998	9.907	Pass
	15 MHz	LCH	QPSK	RB75#0	13.475	14.936	Pass
			16-QAM	RB75#0	13.48	14.846	Pass
		MCH	QPSK	RB75#0	13.457	14.907	Pass
			16-QAM	RB75#0	13.502	15.051	Pass
		HCH	QPSK	RB75#0	13.473	14.949	Pass
			16-QAM	RB75#0	13.489	14.907	Pass
	20 MHz	LCH	QPSK	RB100#0	17.975	19.579	Pass
			16-QAM	RB100#0	17.944	19.613	Pass
		MCH	QPSK	RB100#0	18.014	19.711	Pass
			16-QAM	RB100#0	18.03	19.77	Pass
		HCH	QPSK	RB100#0	18.016	19.895	Pass
			16-QAM	RB100#0	17.998	19.62	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict ^{†Note2}
Band 4	1.4 MHz	LCH	QPSK	RB6#0	1.089	1.243	Pass
			16-QAM	RB6#0	1.099	1.239	Pass
		MCH	QPSK	RB6#0	1.093	1.246	Pass
			16-QAM	RB6#0	1.095	1.236	Pass
		HCH	QPSK	RB6#0	1.088	1.245	Pass
			16-QAM	RB6#0	1.088	1.235	Pass
	3 MHz	LCH	QPSK	RB15#0	2.712	3.023	Pass
			16-QAM	RB15#0	2.712	3.043	Pass
		MCH	QPSK	RB15#0	2.705	3.037	Pass
			16-QAM	RB15#0	2.707	3.021	Pass
		HCH	QPSK	RB15#0	2.717	3.03	Pass
			16-QAM	RB15#0	2.714	3.048	Pass
	5 MHz	LCH	QPSK	RB25#0	4.516	4.968	Pass
			16-QAM	RB25#0	4.498	4.942	Pass
		MCH	QPSK	RB25#0	4.502	4.959	Pass
			16-QAM	RB25#0	4.504	4.972	Pass
		HCH	QPSK	RB25#0	4.503	4.963	Pass
			16-QAM	RB25#0	4.506	4.976	Pass
	10 MHz	LCH	QPSK	RB50#0	8.994	9.889	Pass
			16-QAM	RB50#0	8.978	9.892	Pass
		MCH	QPSK	RB50#0	8.976	9.869	Pass
			16-QAM	RB50#0	8.991	9.883	Pass
		HCH	QPSK	RB50#0	8.996	9.902	Pass
			16-QAM	RB50#0	9.003	9.935	Pass
	15 MHz	LCH	QPSK	RB75#0	13.487	14.879	Pass
			16-QAM	RB75#0	13.467	14.918	Pass
		MCH	QPSK	RB75#0	13.452	14.836	Pass
			16-QAM	RB75#0	13.505	14.973	Pass
		HCH	QPSK	RB75#0	13.479	14.954	Pass
			16-QAM	RB75#0	13.498	15.014	Pass
	20 MHz	LCH	QPSK	RB100#0	17.983	19.679	Pass
			16-QAM	RB100#0	18.024	19.666	Pass
		MCH	QPSK	RB100#0	17.986	19.611	Pass
			16-QAM	RB100#0	18	19.877	Pass
		HCH	QPSK	RB100#0	18.03	19.896	Pass
			16-QAM	RB100#0	18.011	19.764	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict ^{†Note2}
Band 5	1.4 MHz	LCH	QPSK	RB6#0	1.088	1.235	Pass
			16-QAM	RB6#0	1.098	1.241	Pass
		MCH	QPSK	RB6#0	1.089	1.248	Pass
			16-QAM	RB6#0	1.089	1.232	Pass
		HCH	QPSK	RB6#0	1.091	1.243	Pass
			16-QAM	RB6#0	1.094	1.245	Pass
	3 MHz	LCH	QPSK	RB15#0	2.718	3.044	Pass
			16-QAM	RB15#0	2.72	3.043	Pass
		MCH	QPSK	RB15#0	2.709	3.018	Pass
			16-QAM	RB15#0	2.709	3.038	Pass
		HCH	QPSK	RB15#0	2.713	3.033	Pass
			16-QAM	RB15#0	2.714	3.045	Pass
	5 MHz	LCH	QPSK	RB25#0	4.514	4.963	Pass
			16-QAM	RB25#0	4.506	4.976	Pass
		MCH	QPSK	RB25#0	4.506	4.959	Pass
			16-QAM	RB25#0	4.522	4.978	Pass
		HCH	QPSK	RB25#0	4.492	4.935	Pass
			16-QAM	RB25#0	4.513	4.988	Pass
	10 MHz	LCH	QPSK	RB50#0	8.986	9.885	Pass
			16-QAM	RB50#0	8.997	9.917	Pass
		MCH	QPSK	RB50#0	8.989	9.885	Pass
			16-QAM	RB50#0	8.985	9.87	Pass
		HCH	QPSK	RB50#0	9.003	9.912	Pass
			16-QAM	RB50#0	8.996	9.899	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict ^{†Note2}
Band 7	5 MHz	LCH	QPSK	RB25#0	4.518	5.009	Pass
			16-QAM	RB25#0	4.517	5.008	Pass
		MCH	QPSK	RB25#0	4.505	4.976	Pass
			16-QAM	RB25#0	4.513	4.983	Pass
		HCH	QPSK	RB25#0	4.499	4.996	Pass
			16-QAM	RB25#0	4.515	4.98	Pass
	10 MHz	LCH	QPSK	RB50#0	8.99	9.87	Pass
			16-QAM	RB50#0	8.993	9.929	Pass
		MCH	QPSK	RB50#0	8.964	9.914	Pass
			16-QAM	RB50#0	8.995	9.937	Pass
		HCH	QPSK	RB50#0	9.006	9.923	Pass
			16-QAM	RB50#0	8.997	9.936	Pass
	15 MHz	LCH	QPSK	RB75#0	13.504	15.01	Pass
			16-QAM	RB75#0	13.479	14.948	Pass
		MCH	QPSK	RB75#0	13.456	14.937	Pass
			16-QAM	RB75#0	13.502	15.017	Pass
		HCH	QPSK	RB75#0	13.471	15.027	Pass
			16-QAM	RB75#0	13.5	14.977	Pass
	20 MHz	LCH	QPSK	RB100#0	17.968	19.634	Pass
			16-QAM	RB100#0	17.973	19.71	Pass
		MCH	QPSK	RB100#0	17.966	19.65	Pass
			16-QAM	RB100#0	18.019	19.825	Pass
		HCH	QPSK	RB100#0	17.999	19.748	Pass
			16-QAM	RB100#0	18.003	19.845	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict ^{†Note2}
Band 12	1.4 MHz	LCH	QPSK	RB6#0	1.087	1.24	Pass
			16-QAM	RB6#0	1.098	1.259	Pass
		MCH	QPSK	RB6#0	1.095	1.24	Pass
			16-QAM	RB6#0	1.1	1.231	Pass
		HCH	QPSK	RB6#0	1.088	1.242	Pass
			16-QAM	RB6#0	1.09	1.229	Pass
	3 MHz	LCH	QPSK	RB15#0	2.715	3.038	Pass
			16-QAM	RB15#0	2.721	3.064	Pass
		MCH	QPSK	RB15#0	2.715	3.021	Pass
			16-QAM	RB15#0	2.713	3.049	Pass
		HCH	QPSK	RB15#0	2.715	3.027	Pass
			16-QAM	RB15#0	2.713	3.043	Pass
	5 MHz	LCH	QPSK	RB25#0	4.505	4.974	Pass
			16-QAM	RB25#0	4.509	4.986	Pass
		MCH	QPSK	RB25#0	4.504	4.964	Pass
			16-QAM	RB25#0	4.516	4.968	Pass
		HCH	QPSK	RB25#0	4.505	4.959	Pass
			16-QAM	RB25#0	4.516	4.994	Pass
	10 MHz	LCH	QPSK	RB50#0	8.987	9.854	Pass
			16-QAM	RB50#0	8.998	9.958	Pass
		MCH	QPSK	RB50#0	8.984	9.849	Pass
			16-QAM	RB50#0	9.008	9.963	Pass
		HCH	QPSK	RB50#0	8.979	9.907	Pass
			16-QAM	RB50#0	8.996	9.936	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict ^{†Note2}
Band 38	5 MHz	LCH	QPSK	RB25#0	4.519	5.317	Pass
			16-QAM	RB25#0	4.521	5.235	Pass
		MCH	QPSK	RB25#0	4.506	4.969	Pass
			16-QAM	RB25#0	4.498	5.061	Pass
		HCH	QPSK	RB25#0	4.492	4.979	Pass
			16-QAM	RB25#0	4.504	4.995	Pass
	10 MHz	LCH	QPSK	RB50#0	8.99	9.917	Pass
			16-QAM	RB50#0	9	9.959	Pass
		MCH	QPSK	RB50#0	9.006	10.354	Pass
			16-QAM	RB50#0	8.974	9.915	Pass
		HCH	QPSK	RB50#0	9.029	10.524	Pass
			16-QAM	RB50#0	8.997	10.138	Pass
	15 MHz	LCH	QPSK	RB75#0	13.537	15.204	Pass
			16-QAM	RB75#0	13.491	15.231	Pass
		MCH	QPSK	RB75#0	13.46	15.29	Pass
			16-QAM	RB75#0	13.547	15.278	Pass
		HCH	QPSK	RB75#0	13.5	15.609	Pass
			16-QAM	RB75#0	13.539	15.019	Pass
	20 MHz	LCH	QPSK	RB100#0	18.001	19.724	Pass
			16-QAM	RB100#0	17.998	19.953	Pass
		MCH	QPSK	RB100#0	17.966	19.632	Pass
			16-QAM	RB100#0	18.028	20.979	Pass
		HCH	QPSK	RB100#0	17.99	19.792	Pass
			16-QAM	RB100#0	17.971	19.79	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict ^{†Note2}
Band 41	5 MHz	LCH	QPSK	RB25#0	4.516	5.334	Pass
			16-QAM	RB25#0	4.529	5.199	Pass
		MCH	QPSK	RB25#0	4.513	4.98	Pass
			16-QAM	RB25#0	4.502	5.075	Pass
		HCH	QPSK	RB25#0	4.493	4.973	Pass
			16-QAM	RB25#0	4.506	4.994	Pass
	10 MHz	LCH	QPSK	RB50#0	9.007	10.735	Pass
			16-QAM	RB50#0	9.002	10.047	Pass
		MCH	QPSK	RB50#0	9.003	10.344	Pass
			16-QAM	RB50#0	8.976	9.925	Pass
		HCH	QPSK	RB50#0	9.041	10.423	Pass
			16-QAM	RB50#0	8.994	9.991	Pass
	15 MHz	LCH	QPSK	RB75#0	13.55	16.414	Pass
			16-QAM	RB75#0	13.476	14.97	Pass
		MCH	QPSK	RB75#0	13.455	15.017	Pass
			16-QAM	RB75#0	13.546	15.236	Pass
		HCH	QPSK	RB75#0	13.469	15.407	Pass
			16-QAM	RB75#0	13.556	15.529	Pass
	20 MHz	LCH	QPSK	RB100#0	18.002	19.717	Pass
			16-QAM	RB100#0	17.977	19.736	Pass
		MCH	QPSK	RB100#0	17.999	19.655	Pass
			16-QAM	RB100#0	18.011	20.937	Pass
		HCH	QPSK	RB100#0	17.981	19.782	Pass
			16-QAM	RB100#0	17.984	19.774	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict ^{†Note2}
Band 66	1.4 MHz	LCH	QPSK	RB6#0	1.087	1.244	Pass
			16-QAM	RB6#0	1.097	1.249	Pass
		MCH	QPSK	RB6#0	1.091	1.235	Pass
			16-QAM	RB6#0	1.093	1.235	Pass
		HCH	QPSK	RB6#0	1.094	1.272	Pass
			16-QAM	RB6#0	1.095	1.259	Pass
	3 MHz	LCH	QPSK	RB15#0	2.711	3.017	Pass
			16-QAM	RB15#0	2.712	3.044	Pass
		MCH	QPSK	RB15#0	2.717	3.017	Pass
			16-QAM	RB15#0	2.713	3.044	Pass
		HCH	QPSK	RB15#0	2.714	3.021	Pass
			16-QAM	RB15#0	2.71	3.036	Pass
	5 MHz	LCH	QPSK	RB25#0	4.514	4.97	Pass
			16-QAM	RB25#0	4.502	4.935	Pass
		MCH	QPSK	RB25#0	4.504	4.958	Pass
			16-QAM	RB25#0	4.508	4.979	Pass
		HCH	QPSK	RB25#0	4.498	4.95	Pass
			16-QAM	RB25#0	4.516	5.021	Pass
	10 MHz	LCH	QPSK	RB50#0	8.989	9.843	Pass
			16-QAM	RB50#0	8.981	9.891	Pass
		MCH	QPSK	RB50#0	8.99	9.879	Pass
			16-QAM	RB50#0	8.987	9.895	Pass
		HCH	QPSK	RB50#0	8.961	9.878	Pass
			16-QAM	RB50#0	8.977	9.865	Pass
	15 MHz	LCH	QPSK	RB75#0	13.481	14.954	Pass
			16-QAM	RB75#0	13.497	14.912	Pass
		MCH	QPSK	RB75#0	13.434	14.786	Pass
			16-QAM	RB75#0	13.506	15.006	Pass
		HCH	QPSK	RB75#0	13.474	14.897	Pass
			16-QAM	RB75#0	13.494	14.807	Pass
	20 MHz	LCH	QPSK	RB100#0	17.97	19.588	Pass
			16-QAM	RB100#0	17.965	19.674	Pass
		MCH	QPSK	RB100#0	17.987	19.593	Pass
			16-QAM	RB100#0	18.015	19.721	Pass
		HCH	QPSK	RB100#0	18.012	19.756	Pass
			16-QAM	RB100#0	17.964	19.75	Pass

A.4 Frequency Stability

A.4.1 Frequency Stability

GSM 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	12.8	±2060.5	8.65	±2091.5	12.3	±2122	Pass
	-20	9.46		4.36		13.2		
	-10	12.2		9.01		8.98		
	0	-7.2		9.69		17.7		
	+10	12.3		8.23		-7.6		
	+20	14		-3.3		11.5		
	+25	9.78		-7.2		6.59		
	+30	13.1		-6.1		11.2		
	+40	12.2		8.46		12.8		
	+50	11.3		-9.5		-8.1		
4.5	+25	17.9		7.78		14.6		
3	+25	15.1		7.39		12.5		

GSM 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	14.8	±4625.5	16.6	±4700.0	15.7	±4774.5	Pass
	-20	19.2		16.2		15.6		
	-10	28.3		-16		-16		
	0	22.4		14.4		19.2		
	+10	32.2		-18		39.3		
	+20	15.5		24.5		16.6		
	+25	24.4		7.46		21.7		
	+30	18.5		-16		15		
	+40	17.6		16.3		16.1		
	+50	18.7		17		4.46		
4.5	+25	20.3		16.9		16.1		
3	+25	7.23		19.6		12.6		

GPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	10.3	±2060.5	8.98	±2091.5	12.7	±2122	Pass
	-20	14.2		11.3		9.49		
	-10	16.5		13.2		11.5		
	0	17.5		20.4		20.3		
	+10	13.7		16.3		12.3		
	+20	17.5		15.2		16.4		
	+25	18.6		16.5		21.8		
	+30	13.3		15.3		13.1		
	+40	30.6		17.1		16.6		
	+50	25.5		14.5		16.9		
4.5	+25	24.5		10.6		12.1		
3	+25	12.1		22.4		11.3		

GPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	7.62	±4625.5	20.4	±4700.0	13.1	±4774.5	Pass
	-20	5.88		9.98		14		
	-10	19.1		-12		-12		
	0	15.5		19.2		33.2		
	+10	22		23.4		13.8		
	+20	19.8		10.5		13.8		
	+25	16.8		26.7		15.1		
	+30	8.56		10.5		11.8		
	+40	21.5		22.8		13.1		
	+50	17.4		21.7		13.4		
4.5	+25	19		10.3		24.4		
3	+25	7.94		22.9		25		

EGPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	24.7	±2060.5	12.9	±2091.5	20.8	±2122	Pass
	-20	26		15.7		19.2		
	-10	26.1		17.6		19.9		
	0	21.4		15.8		19.4		
	+10	24.9		18.2		23.5		
	+20	20.4		20.8		17.2		
	+25	24.7		23.7		24		
	+30	16.5		17.5		18.8		
	+40	20.7		15.4		21.1		
	+50	21.4		18.4		19.1		
4.5	+25	18.7		22.2		15.2		
3	+25	18.7		22.9		20.2		

EGPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	25.3	±4625.5	27.8	±4700.0	33.9	±4774.5	Pass
	-20	27		32.4		38.5		
	-10	22.8		31.4		39.8		
	0	16.9		29.9		19.5		
	+10	15.6		29.2		29.9		
	+20	23.4		26.4		35.8		
	+25	21.5		17.2		27.6		
	+30	16.3		27.6		31.5		
	+40	20.9		27.8		39		
	+50	16.1		31.5		34.4		
4.5	+25	21.6		28.4		31.5		
3	+25	18		22.8		35.6		

WCDMA Band 2

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1852.4 MHz		MCH 1880 MHz		HCH 1907.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	1.25	±4631	4.71	±4700	1.24	±4769	Pass
	-20	4.65		2.19		2.34		
	-10	0.57		0.69		5.43		
	0	2.05		2.65		6.59		
	+10	3.49		1.29		-5.98		
	+20	1.4		1.36		-11.25		
	+25	-1.02		4.15		-4.71		
	+30	0.24		-11.24		-10		
	+40	0.82		-8.43		-5.67		
	+50	2.57		-2.49		0.57		
4.5	+25	1.89		-7.87		-0.41		
3	+25	-0.91		-2.64		-0.46		

WCDMA Band 5

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 826.4 MHz		MCH 836.4 MHz		HCH 846.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	-1.02	±2066	0.89	±2091	0.37	±2116.5	Pass
	-20	-0.66		-0.92		1.01		
	-10	0.21		0.79		-0.63		
	0	2.65		2.36		-0.46		
	+10	1.54		0.77		2.14		
	+20	1.54		0.77		2.14		
	+25	2.88		2.75		-1.34		
	+30	1.12		0.54		-3.69		
	+40	0.2		0.4		-1.38		
	+50	2.06		2.7		-0.23		
4.5	+25	2.47		3.1		-0.67		
3	+25	1.75		1.17		-0.07		

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-17.78	±4700	Pass
	-20	-28.58		
	-10	-30.21		
	0	-26.96		
	+10	-26.03		
	+20	-25.94		
	+25	-25.95		
	+30	-24.03		
	+40	-23.26		
	+50	-22.51		
4.5	+25	-23.05		
3	+25	-22.6		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-21.84	±4700	Pass
	-20	-30.71		
	-10	-30.2		
	0	-25.94		
	+10	-25.21		
	+20	-26.67		
	+25	-25.66		
	+30	-24.67		
	+40	-23.72		
	+50	-23.38		
4.5	+25	-22.93		
3	+25	-23.39		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-23.87	±4331.25	Pass
	-20	-3.02		
	-10	2.34		
	0	-1.46		
	+10	0.36		
	+20	-1.09		
	+25	-1.76		
	+30	-1.18		
	+40	-0.42		
	+50	-1.91		
4.5	+25	-2.98		
3	+25	-2.63		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-26.51	±4331.25	Pass
	-20	-3.52		
	-10	-12.54		
	0	-1.36		
	+10	-2.89		
	+20	-2.82		
	+25	-3.74		
	+30	-3.87		
	+40	-3.92		
	+50	-3.84		
4.5	+25	-3.55		
3	+25	-4.02		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	18.43	±2091.25	Pass
	-20	-2.02		
	-10	-4.33		
	0	-3.06		
	+10	-2.69		
	+20	-2.1		
	+25	-2.4		
	+30	-1.62		
	+40	-1.46		
	+50	-0.6		
4.5	+25	-0.98		
3	+25	-0.24		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	0	±2091.25	Pass
	-20	-3.6		
	-10	-3.52		
	0	-3.25		
	+10	-2.33		
	+20	-2.37		
	+25	-1.42		
	+30	0		
	+40	-1.79		
	+50	-0.88		
4.5	+25	-0.76		
3	+25	-0.96		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-5.64	±6337.5	Pass
	-20	5.17		
	-10	0.45		
	0	2.44		
	+10	4.89		
	+20	3.55		
	+25	4.52		
	+30	5.72		
	+40	6.5		
	+50	8.87		
4.5	+25	9.95		
3	+25	9.65		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-32.96	±6337.5	Pass
	-20	1.53		
	-10	3.25		
	0	4.91		
	+10	2.87		
	+20	4.76		
	+25	6.34		
	+30	4.55		
	+40	6.48		
	+50	10.94		
4.5	+25	9.76		
3	+25	8.83		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-16.64	±1768.75	Pass
	-20	-11.82		
	-10	-10.78		
	0	-11.15		
	+10	-12.42		
	+20	-12.67		
	+25	-12.23		
	+30	-14.14		
	+40	-14.05		
	+50	-15.33		
4.5	+25	-15.44		
3	+25	-16.41		

LTE Band 12 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-17.43	±1768.75	Pass
	-20	-11.15		
	-10	-10.34		
	0	-11.4		
	+10	-12.77		
	+20	-13.24		
	+25	-12.9		
	+30	-13.87		
	+40	-14.69		
	+50	-15.52		
4.5	+25	-16.34		
3	+25	-17.16		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-21.6	±6487.5	Pass
	-20	-11.8		
	-10	-14.6		
	0	-12.2		
	+10	-16.5		
	+20	-10.7		
	+25	-10.5		
	+30	-11.2		
	+40	-11.5		
	+50	-9.4		
4.5	+25	-10.3		
3	+25	-11.6		

LTE Band 38 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-19.7	±6487.5	Pass
	-20	-17.7		
	-10	-16.5		
	0	-17.3		
	+10	-14.4		
	+20	-14.3		
	+25	-7.5		
	+30	-15.3		
	+40	-16		
	+50	-15.4		
4.5	+25	-16.5		
3	+25	-15.6		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-18.1	±6487.5	Pass
	-20	-10.3		
	-10	-13.7		
	0	-15.1		
	+10	-12.8		
	+20	-13.5		
	+25	-45.93		
	+30	-12.4		
	+40	-12.9		
	+50	-16.2		
4.5	+25	-12.9		
3	+25	-11.8		

LTE Band 41 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-16.2	±6487.5	Pass
	-20	-15.1		
	-10	-15.7		
	0	-15.2		
	+10	-15.8		
	+20	-17.4		
	+25	-9.87		
	+30	-16.8		
	+40	-16.6		
	+50	-17.5		
4.5	+25	-16		
3	+25	-19.2		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-35.5	±4362.5	Pass
	-20	-9.1		
	-10	-13.1		
	0	-7.9		
	+10	-11.5		
	+20	-12.3		
	+25	-35.89		
	+30	-15.4		
	+40	-17.1		
	+50	-20.2		
4.5	+25	-18.3		
3	+25	-20.8		

LTE Band 66 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-34.9	±4362.5	Pass
	-20	-21.8		
	-10	-33.3		
	0	-24		
	+10	-26.5		
	+20	-24.4		
	+25	-7.22		
	+30	-29.5		
	+40	-31.1		
	+50	-33.5		
4.5	+25	-31.3		
3	+25	-30.6		

A.4.2 Frequency Range

Note 1: Only for relevant requirements of RSS standard.

Note 2: Test plots please refer to the document “Annex No.: Ti-EE26010095-501 Data Part 3.pdf”.

GSM Mode Test Data

GSM 850						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	824.0750	824	848.9262	849	Pass
	-20	824.0770		848.9242		Pass
	-10	824.0783		848.9278		Pass
	0	824.0750		848.9264		Pass
	+10	824.0770		848.9228		Pass
	+20	824.0763		848.9226		Pass
	+25	824.0790		848.9218		Pass
	+30	824.0783		848.9210		Pass
	+40	824.0776		848.9216		Pass
	+50	824.0763		848.9230		Pass
4.5	+25	824.0763		848.9204		Pass
3	+25	824.0750		848.9232		Pass

GSM 1900						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	1850.0743	1850	1909.9261	1910	Pass
	-20	1850.0757		1909.9214		Pass
	-10	1850.0763		1909.9268		Pass
	0	1850.0723		1909.9224		Pass
	+10	1850.0750		1909.9226		Pass
	+20	1850.0769		1909.9204		Pass
	+25	1850.0736		1909.9244		Pass
	+30	1850.0757		1909.9258		Pass
	+40	1850.0776		1909.9236		Pass
	+50	1850.0743		1909.9254		Pass
4.5	+25	1850.0790		1909.9208		Pass
3	+25	1850.0757		1909.9261		Pass

GPRS 850						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	824.0790	824	848.9228	849	Pass
	-20	824.0770		848.9280		Pass
	-10	824.0783		848.9242		Pass
	0	824.0756		848.9260		Pass
	+10	824.0703		848.9212		Pass
	+20	824.0770		848.9242		Pass
	+25	824.0783		848.9254		Pass
	+30	824.0729		848.9236		Pass
	+40	824.0750		848.9284		Pass
	+50	824.0723		848.9204		Pass
4.5	+25	824.0783		848.9254		Pass
3	+25	824.0803		848.9226		Pass

GPRS 1900						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	1850.0743	1850	1909.9208	1910	Pass
	-20	1850.0769		1909.9261		Pass
	-10	1850.0776		1909.9236		Pass
	0	1850.0776		1909.9254		Pass
	+10	1850.0763		1909.9248		Pass
	+20	1850.0736		1909.9270		Pass
	+25	1850.0750		1909.9224		Pass
	+30	1850.0782		1909.9216		Pass
	+40	1850.0723		1909.9207		Pass
	+50	1850.0769		1909.9230		Pass
4.5	+25	1850.0803		1909.9232		Pass
3	+25	1850.0803		1909.9246		Pass

EGPRS 850						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	824.0803	824	848.9218	849	Pass
	-20	824.0803		848.9178		Pass
	-10	824.0776		848.9218		Pass
	0	824.0783		848.9186		Pass
	+10	824.0790		848.9194		Pass
	+20	824.0797		848.9248		Pass
	+25	824.0776		848.9198		Pass
	+30	824.0797		848.9224		Pass
	+40	824.0776		848.9216		Pass
	+50	824.0803		848.9210		Pass
4.5	+25	824.0756		848.9168		Pass
3	+25	824.0729		848.9198		Pass

EGPRS 1900						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	1850.0823	1850	1909.9196	1910	Pass
	-20	1850.0750		1909.9186		Pass
	-10	1850.0796		1909.9229		Pass
	0	1850.0790		1909.9178		Pass
	+10	1850.0809		1909.9163		Pass
	+20	1850.0776		1909.9204		Pass
	+25	1850.0776		1909.9142		Pass
	+30	1850.0796		1909.9252		Pass
	+40	1850.0809		1909.9200		Pass
	+50	1850.0817		1909.9198		Pass
4.5	+25	1850.0776		1909.9204		Pass
3	+25	1850.0796		1909.9242		Pass

WCDMA Mode Test Verdict

WCDMA Band 2						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	1850.3235	1850	1909.6816	1910	Pass
	-20	1850.3184		1909.6816		Pass
	-10	1850.3132		1909.6816		Pass
	0	1850.3184		1909.6816		Pass
	+10	1850.3184		1909.6868		Pass
	+20	1850.3235		1909.6765		Pass
	+25	1850.3184		1909.6816		Pass
	+30	1850.3235		1909.6765		Pass
	+40	1850.3184		1909.6816		Pass
	+50	1850.31836		1909.6765		Pass
4.5	+25	1850.31836		1909.6765		Pass
3	+25	1850.31836		1909.6816		Pass

WCDMA Band 5						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	824.3133	824	848.6765	849	Pass
	-20	824.3133		848.6816		Pass
	-10	824.3184		848.6765		Pass
	0	824.3133		848.6765		Pass
	+10	824.3133		848.6765		Pass
	+20	824.3133		848.6714		Pass
	+25	824.3133		848.6714		Pass
	+30	824.3133		848.6765		Pass
	+40	824.3133		848.6765		Pass
	+50	824.3133		848.6765		Pass
4.5	+25	824.3133		848.6765		Pass
3	+25	824.3184		848.6765		Pass

LTE Mode Test Verdict

LTE Band 2						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	1850.540039	1850	1909.4600	1910	Pass
	-20	1850.530029		1909.4700		Pass
	-10	1850.540039		1909.4700		Pass
	0	1850.540039		1909.4600		Pass
	+10	1850.530029		1909.4700		Pass
	+20	1850.540039		1909.4700		Pass
	+25	1850.540039		1909.4700		Pass
	+30	1850.540039		1909.4500		Pass
	+40	1850.540039		1909.4700		Pass
	+50	1850.540039		1909.4600		Pass
4.5	+25	1850.540039		1909.4700		Pass
3	+25	1850.540039		1909.4700		Pass

LTE Band 4						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	1710.540039	1710	1754.4700	1755	Pass
	-20	1710.530029		1754.4700		Pass
	-10	1710.540039		1754.4700		Pass
	0	1710.530029		1754.4700		Pass
	+10	1710.530029		1754.4700		Pass
	+20	1710.530029		1754.4700		Pass
	+25	1710.540039		1754.4700		Pass
	+30	1710.540039		1754.4700		Pass
	+40	1710.540039		1754.4700		Pass
	+50	1710.540039		1754.4700		Pass
4.5	+25	1710.530029		1754.4700		Pass
3	+25	1710.530029		1754.4700		Pass

LTE Band 5						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	824.530029	824	848.460022	849	Pass
	-20	824.530029		848.460022		Pass
	-10	824.530029		848.460022		Pass
	0	824.530029		848.460022		Pass
	+10	824.530029		848.460022		Pass
	+20	824.530029		848.460022		Pass
	+25	824.549988		848.460022		Pass
	+30	824.530029		848.460022		Pass
	+40	824.530029		848.460022		Pass
	+50	824.530029		848.460022		Pass
4.5	+25	824.530029		848.460022		Pass
3	+25	824.530029		848.460022		Pass

LTE Band 7						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	2500.540039	2500	2569.469971	2570	Pass
	-20	2500.540039		2569.469971		Pass
	-10	2500.540039		2569.469971		Pass
	0	2500.540039		2569.469971		Pass
	+10	2500.540039		2569.469971		Pass
	+20	2500.540039		2569.469971		Pass
	+25	2500.540039		2569.469971		Pass
	+30	2500.540039		2569.469971		Pass
	+40	2500.540039		2569.469971		Pass
	+50	2500.540039		2569.469971		Pass
4.5	+25	2500.540039		2569.469971		Pass
3	+25	2500.540039		2569.469971		Pass

LTE Band 12						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	699.539978	699	715.460022	716	Pass
	-20	699.539978		715.460022		Pass
	-10	699.539978		715.460022		Pass
	0	699.530029		715.460022		Pass
	+10	699.530029		715.460022		Pass
	+20	699.530029		715.460022		Pass
	+25	699.539978		715.460022		Pass
	+30	699.539978		715.460022		Pass
	+40	699.539978		715.460022		Pass
	+50	699.539978		715.460022		Pass
4.5	+25	699.539978		715.460022		Pass
3	+25	699.539978		715.460022		Pass

LTE Band 38						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	2570.530029	2570	2619.469971	2620	Pass
	-20	2570.530029		2619.469971		Pass
	-10	2570.540039		2619.469971		Pass
	0	2570.540039		2619.469971		Pass
	+10	2570.530029		2619.469971		Pass
	+20	2570.540039		2619.469971		Pass
	+25	2570.530029		2619.469971		Pass
	+30	2570.530029		2619.469971		Pass
	+40	2570.530029		2619.469971		Pass
	+50	2570.530029		2619.469971		Pass
4.5	+25	2570.540039		2619.469971		Pass
3	+25	2570.540039		2619.469971		Pass

LTE Band 41						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	2535.530029	2535	2654.469971	2655	Pass
	-20	2535.540039		2654.469971		Pass
	-10	2535.530029		2654.469971		Pass
	0	2535.540039		2654.469971		Pass
	+10	2535.540039		2654.469971		Pass
	+20	2535.540039		2654.469971		Pass
	+25	2535.530029		2654.469971		Pass
	+30	2535.540039		2654.469971		Pass
	+40	2535.540039		2654.469971		Pass
	+50	2535.540039		2654.469971		Pass
4.5	+25	2535.530029		2654.469971		Pass
3	+25	2535.540039		2654.469971		Pass

LTE Band 66						
Test Condition		LeftEdge (MHz)	Limit (MHz)	RightEdge (MHz)	Limit (MHz)	Verdict
Power (VDC)	Temperature (°C)					
3.89	-30	1710.540039	1710	1779.459961	1780	Pass
	-20	1710.540039		1779.459961		Pass
	-10	1710.530029		1779.459961		Pass
	0	1710.540039		1779.459961		Pass
	+10	1710.530029		1779.459961		Pass
	+20	1710.530029		1779.459961		Pass
	+25	1710.540039		1779.459961		Pass
	+30	1710.530029		1779.459961		Pass
	+40	1710.540039		1779.459961		Pass
	+50	1710.530029		1779.459961		Pass
4.5	+25	1710.540039		1779.459961		Pass
3	+25	1710.540039		1779.459961		Pass

A.5 Spurious Emission at Antenna Terminals

Note 1: GSM and EGPRS modes have been verified, and only the worst data with different bandwidth for LTE are shown here.

Note 2: The frequencies of verdict which are marked by "N/A" should be ignored because they are UE carrier frequency.

Note 3: Test plots please refer to the document "Annex No.: Ti-EE26010095-501 Data Part 4.pdf".

Note 4: The disturbance above 26.5GHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Verdict ^{Note3}
GSM 850	LCH	Pass
	MCH	Pass
	HCH	Pass
GSM 1900	LCH	Pass
	MCH	Pass
	HCH	Pass
GPRS 850	LCH	Pass
	MCH	Pass
	HCH	Pass
GPRS 1900	LCH	Pass
	MCH	Pass
	HCH	Pass
EGPRS 850	LCH	Pass
	MCH	Pass
	HCH	Pass
EGPRS 1900	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 2	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 5	LCH	Pass
	MCH	Pass
	HCH	Pass

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note3}
Band 2	1.4 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	3 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	5 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	15 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	20 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note3}
Band 4	1.4 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	3 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	5 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	15 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	20 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note3}
Band 5	1.4 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	3 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	5 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note3}
Band 7	5 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	15 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	20 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note3}
Band 12	1.4 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	3 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	5 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note3}
Band 38	5 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	15 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	20 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note3}
Band 41	5 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	15 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	20 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note3}
Band 66	1.4 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	3 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	5 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	15 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
	20 MHz	LCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		MCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass
		HCH	QPSK	RB1#0	Pass
			16-QAM	RB1#0	Pass

A.6 Band Edge

Note 1: Test plots please refer to the document “Annex No.: Ti-EE26010095-501 Data Part 5.pdf”.

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Verdict ^{+Note1}
GSM 850	LCH	Pass
	HCH	Pass
GSM 1900	LCH	Pass
	HCH	Pass
GPRS 850	LCH	Pass
	HCH	Pass
GPRS 1900	LCH	Pass
	HCH	Pass
EGPRS 850	LCH	Pass
	HCH	Pass
EGPRS 1900	LCH	Pass
	HCH	Pass
WCDMA Band 2	LCH	Pass
	HCH	Pass
WCDMA Band 5	LCH	Pass
	HCH	Pass

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note1}
Band 2	1.4 MHz	LCH	QPSK	RB1#0	Pass
				RB6#0	Pass
			16-QAM	RB1#0	Pass
				RB6#0	Pass
		HCH	QPSK	RB1#5	Pass
				RB6#0	Pass
			16-QAM	RB1#5	Pass
				RB6#0	Pass
	3 MHz	LCH	QPSK	RB1#0	Pass
				RB15#0	Pass
			16-QAM	RB1#0	Pass
				RB15#0	Pass
		HCH	QPSK	RB1#14	Pass
				RB15#0	Pass
			16-QAM	RB1#14	Pass
				RB15#0	Pass
	5 MHz	LCH	QPSK	RB1#0	Pass
				RB25#0	Pass
			16-QAM	RB1#0	Pass
				RB25#0	Pass
		HCH	QPSK	RB1#24	Pass
				RB25#0	Pass
			16-QAM	RB1#24	Pass
				RB25#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
				RB50#0	Pass
			16-QAM	RB1#0	Pass
				RB50#0	Pass
		HCH	QPSK	RB1#49	Pass
				RB50#0	Pass
			16-QAM	RB1#49	Pass
				RB50#0	Pass
	15 MHz	LCH	QPSK	RB1#0	Pass
				RB75#0	Pass
			16-QAM	RB1#0	Pass
				RB75#0	Pass
		HCH	QPSK	RB1#74	Pass
				RB75#0	Pass
			16-QAM	RB1#74	Pass
				RB75#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note1}
	20 MHz	LCH	QPSK	RB1#0	Pass
				RB100#0	Pass
			16-QAM	RB1#0	Pass
				RB100#0	Pass
		HCH	QPSK	RB1#99	Pass
				RB100#0	Pass
			16-QAM	RB1#99	Pass
				RB100#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note1}
Band 4	1.4 MHz	LCH	QPSK	RB1#0	Pass
				RB6#0	Pass
			16-QAM	RB1#0	Pass
				RB6#0	Pass
		HCH	QPSK	RB1#5	Pass
				RB6#0	Pass
			16-QAM	RB1#5	Pass
				RB6#0	Pass
	3 MHz	LCH	QPSK	RB1#0	Pass
				RB15#0	Pass
			16-QAM	RB1#0	Pass
				RB15#0	Pass
		HCH	QPSK	RB1#14	Pass
				RB15#0	Pass
			16-QAM	RB1#14	Pass
				RB15#0	Pass
	5 MHz	LCH	QPSK	RB1#0	Pass
				RB25#0	Pass
			16-QAM	RB1#0	Pass
				RB25#0	Pass
		HCH	QPSK	RB1#24	Pass
				RB25#0	Pass
			16-QAM	RB1#24	Pass
				RB25#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
				RB50#0	Pass
			16-QAM	RB1#0	Pass
				RB50#0	Pass
		HCH	QPSK	RB1#49	Pass
				RB50#0	Pass
			16-QAM	RB1#49	Pass
				RB50#0	Pass
	15 MHz	LCH	QPSK	RB1#0	Pass
				RB75#0	Pass
			16-QAM	RB1#0	Pass
				RB75#0	Pass
		HCH	QPSK	RB1#74	Pass
				RB75#0	Pass
			16-QAM	RB1#74	Pass
				RB75#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note1}
	20 MHz	LCH	QPSK	RB1#0	Pass
				RB100#0	Pass
			16-QAM	RB1#0	Pass
				RB100#0	Pass
		HCH	QPSK	RB1#99	Pass
				RB100#0	Pass
			16-QAM	RB1#99	Pass
				RB100#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note1}
Band 5	1.4 MHz	LCH	QPSK	RB1#0	Pass
				RB6#0	Pass
			16-QAM	RB1#0	Pass
				RB6#0	Pass
		HCH	QPSK	RB1#5	Pass
				RB6#0	Pass
			16-QAM	RB1#5	Pass
				RB6#0	Pass
	3 MHz	LCH	QPSK	RB1#0	Pass
				RB15#0	Pass
			16-QAM	RB1#0	Pass
				RB15#0	Pass
		HCH	QPSK	RB1#14	Pass
				RB15#0	Pass
			16-QAM	RB1#14	Pass
				RB15#0	Pass
	5 MHz	LCH	QPSK	RB1#0	Pass
				RB25#0	Pass
			16-QAM	RB1#0	Pass
				RB25#0	Pass
		HCH	QPSK	RB1#24	Pass
				RB25#0	Pass
			16-QAM	RB1#24	Pass
				RB25#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
				RB50#0	Pass
			16-QAM	RB1#0	Pass
				RB50#0	Pass
		HCH	QPSK	RB1#49	Pass
				RB50#0	Pass
			16-QAM	RB1#49	Pass
				RB50#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note1}
Band 7	5 MHz	LCH	QPSK	RB1#0	Pass
				RB25#0	Pass
			16-QAM	RB1#0	Pass
				RB25#0	Pass
		HCH	QPSK	RB1#24	Pass
				RB25#0	Pass
			16-QAM	RB1#24	Pass
				RB25#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
				RB50#0	Pass
			16-QAM	RB1#0	Pass
				RB50#0	Pass
		HCH	QPSK	RB1#49	Pass
				RB50#0	Pass
			16-QAM	RB1#49	Pass
				RB50#0	Pass
	15 MHz	LCH	QPSK	RB1#0	Pass
				RB75#0	Pass
			16-QAM	RB1#0	Pass
				RB75#0	Pass
		HCH	QPSK	RB1#74	Pass
				RB75#0	Pass
			16-QAM	RB1#74	Pass
				RB75#0	Pass
	20 MHz	LCH	QPSK	RB1#0	Pass
				RB100#0	Pass
			16-QAM	RB1#0	Pass
				RB100#0	Pass
		HCH	QPSK	RB1#99	Pass
				RB100#0	Pass
			16-QAM	RB1#99	Pass
				RB100#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note1}
Band 12	1.4 MHz	LCH	QPSK	RB1#0	Pass
				RB6#0	Pass
			16-QAM	RB1#0	Pass
				RB6#0	Pass
		HCH	QPSK	RB1#5	Pass
				RB6#0	Pass
			16-QAM	RB1#5	Pass
				RB6#0	Pass
	3 MHz	LCH	QPSK	RB1#0	Pass
				RB15#0	Pass
			16-QAM	RB1#0	Pass
				RB15#0	Pass
		HCH	QPSK	RB1#14	Pass
				RB15#0	Pass
			16-QAM	RB1#14	Pass
				RB15#0	Pass
	5 MHz	LCH	QPSK	RB1#0	Pass
				RB25#0	Pass
			16-QAM	RB1#0	Pass
				RB25#0	Pass
		HCH	QPSK	RB1#24	Pass
				RB25#0	Pass
			16-QAM	RB1#24	Pass
				RB25#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
				RB50#0	Pass
			16-QAM	RB1#0	Pass
				RB50#0	Pass
		HCH	QPSK	RB1#49	Pass
				RB50#0	Pass
			16-QAM	RB1#49	Pass
				RB50#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note1}
Band 38	5 MHz	LCH	QPSK	RB1#0	Pass
				RB25#0	Pass
			16-QAM	RB1#0	Pass
				RB25#0	Pass
		HCH	QPSK	RB1#24	Pass
				RB25#0	Pass
			16-QAM	RB1#24	Pass
				RB25#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
				RB50#0	Pass
			16-QAM	RB1#0	Pass
				RB50#0	Pass
		HCH	QPSK	RB1#49	Pass
				RB50#0	Pass
			16-QAM	RB1#49	Pass
				RB50#0	Pass
	15 MHz	LCH	QPSK	RB1#0	Pass
				RB75#0	Pass
			16-QAM	RB1#0	Pass
				RB75#0	Pass
		HCH	QPSK	RB1#74	Pass
				RB75#0	Pass
			16-QAM	RB1#74	Pass
				RB75#0	Pass
	20 MHz	LCH	QPSK	RB1#0	Pass
				RB100#0	Pass
			16-QAM	RB1#0	Pass
				RB100#0	Pass
		HCH	QPSK	RB1#99	Pass
				RB100#0	Pass
			16-QAM	RB1#99	Pass
				RB100#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note1}
Band 41	5 MHz	LCH	QPSK	RB1#0	Pass
				RB25#0	Pass
			16-QAM	RB1#0	Pass
				RB25#0	Pass
		HCH	QPSK	RB1#24	Pass
				RB25#0	Pass
			16-QAM	RB1#24	Pass
				RB25#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
				RB50#0	Pass
			16-QAM	RB1#0	Pass
				RB50#0	Pass
		HCH	QPSK	RB1#49	Pass
				RB50#0	Pass
			16-QAM	RB1#49	Pass
				RB50#0	Pass
	15 MHz	LCH	QPSK	RB1#0	Pass
				RB75#0	Pass
			16-QAM	RB1#0	Pass
				RB75#0	Pass
		HCH	QPSK	RB1#74	Pass
				RB75#0	Pass
			16-QAM	RB1#74	Pass
				RB75#0	Pass
	20 MHz	LCH	QPSK	RB1#0	Pass
				RB100#0	Pass
			16-QAM	RB1#0	Pass
				RB100#0	Pass
		HCH	QPSK	RB1#99	Pass
				RB100#0	Pass
			16-QAM	RB1#99	Pass
				RB100#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note1}
Band 66	1.4 MHz	LCH	QPSK	RB1#0	Pass
				RB6#0	Pass
			16-QAM	RB1#0	Pass
				RB6#0	Pass
		HCH	QPSK	RB1#5	Pass
				RB6#0	Pass
			16-QAM	RB1#5	Pass
				RB6#0	Pass
	3 MHz	LCH	QPSK	RB1#0	Pass
				RB15#0	Pass
			16-QAM	RB1#0	Pass
				RB15#0	Pass
		HCH	QPSK	RB1#14	Pass
				RB15#0	Pass
			16-QAM	RB1#14	Pass
				RB15#0	Pass
	5 MHz	LCH	QPSK	RB1#0	Pass
				RB25#0	Pass
			16-QAM	RB1#0	Pass
				RB25#0	Pass
		HCH	QPSK	RB1#24	Pass
				RB25#0	Pass
			16-QAM	RB1#24	Pass
				RB25#0	Pass
	10 MHz	LCH	QPSK	RB1#0	Pass
				RB50#0	Pass
			16-QAM	RB1#0	Pass
				RB50#0	Pass
		HCH	QPSK	RB1#49	Pass
				RB50#0	Pass
			16-QAM	RB1#49	Pass
				RB50#0	Pass
	15 MHz	LCH	QPSK	RB1#0	Pass
				RB75#0	Pass
			16-QAM	RB1#0	Pass
				RB75#0	Pass
		HCH	QPSK	RB1#74	Pass
				RB75#0	Pass
			16-QAM	RB1#74	Pass
				RB75#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict ^{Note1}
	20 MHz	LCH	QPSK	RB1#0	Pass
				RB100#0	Pass
			16-QAM	RB1#0	Pass
				RB100#0	Pass
		HCH	QPSK	RB1#99	Pass
				RB100#0	Pass
			16-QAM	RB1#99	Pass
				RB100#0	Pass

A.7 Field Strength of Spurious Radiation

Note 1: All modes have been tested, and only the worst case data are shown here.

Note 2: The frequencies of verdict which are marked by "N/A" should be ignored because they are UE carrier frequency.

Note 3: Test plots please refer to the document "Annex No.: Ti-EE26010095-501 Data Part 6.pdf".

Note 4: The disturbance above 26.5GHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Verdict ^{Note3}
GSM 850	LCH	Pass
	MCH	Pass
	HCH	Pass
GSM 1900	LCH	Pass
	MCH	Pass
	HCH	Pass
EGPRS 850	LCH	Pass
	MCH	Pass
	HCH	Pass
EGPRS 1900	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 2	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 5	LCH	Pass
	MCH	Pass
	HCH	Pass

LTE Mode Test Verdict

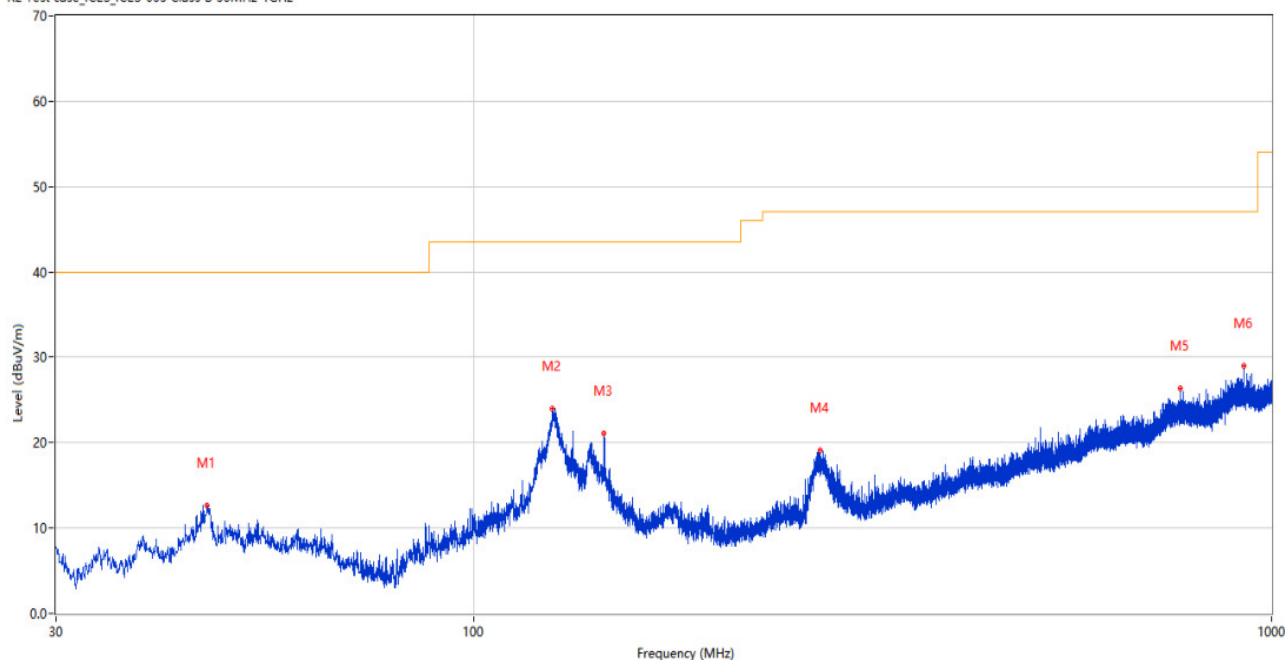
Test Band	Test Channel		Test Bandwidth	Modulation	RB Number	RB Position	Verdict ^{Note3}
LTE Band 2	LCH	18607	1.4 MHz	QPSK	1	0	Pass
LTE Band 4	HCH	20350	10 MHz	QPSK	1	0	Pass
LTE Band 5	LCH	20425	5 MHz	QPSK	1	0	Pass
LTE Band 7	MCH	21100	20 MHz	QPSK	1	0	Pass
LTE Band 12	HCH	23165	3 MHz	QPSK	1	7	Pass
LTE Band 38	MCH	38000	5 MHz	QPSK	1	24	Pass
LTE Band 41	MCH	40640	5 MHz	QPSK	1	12	Pass
LTE Band 66	MCH	132322	20 MHz	QPSK	1	0	Pass

A.8 Receiver Spurious Emissions

Note: Only the worst test results were recorded in this report.

30MHz to 1GHz, ANT H

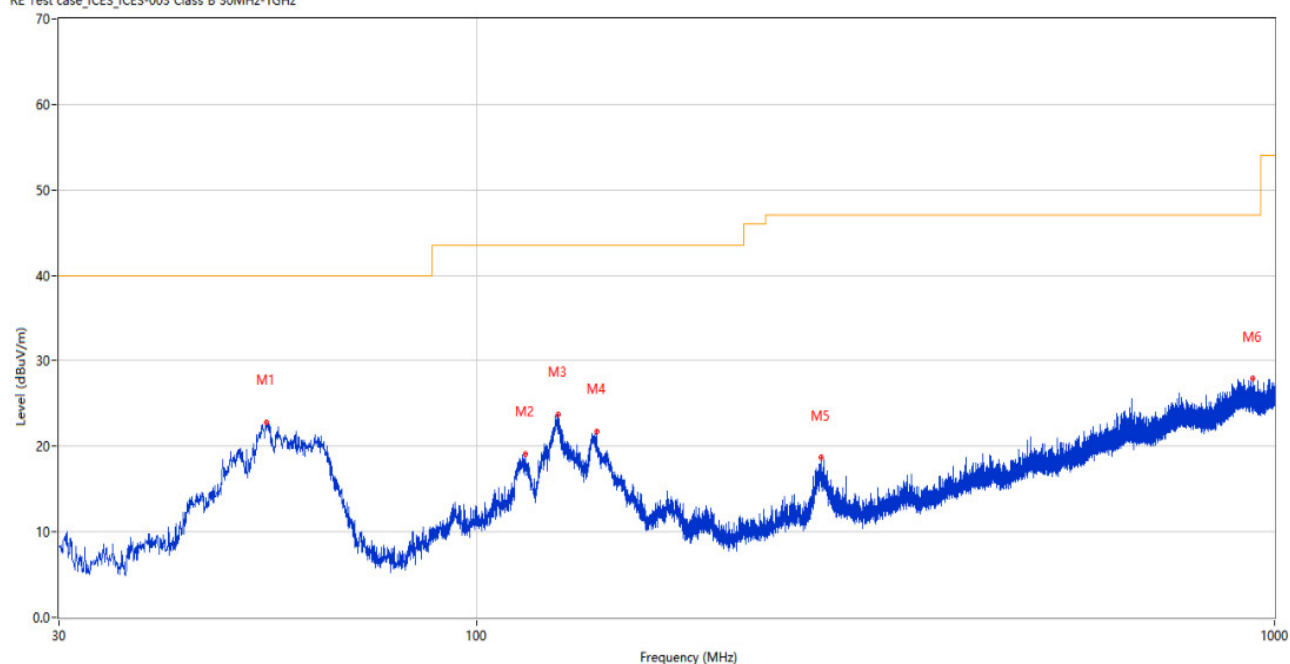
RE Test case_ICES_ICES-003 Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	46.393	12.71	-25.45	40.0	27.29	Peak	25.00	200	Horizontal	Pass
2	125.545	24.02	-29.16	43.5	19.48	Peak	360.00	200	Horizontal	Pass
3	145.866	21.09	-29.81	43.5	22.41	Peak	1.00	200	Horizontal	Pass
4	271.578	19.15	-24.52	47.0	27.85	Peak	247.00	100	Horizontal	Pass
5	768.170	26.35	-11.38	47.0	20.65	Peak	101.00	200	Horizontal	Pass
6	923.370	28.98	-8.61	47.0	18.02	Peak	190.00	200	Horizontal	Pass

30MHz to 1GHz, ANT V

RE Test case_ICES_ICES-003 Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.590	22.83	-25.41	40.0	17.17	Peak	25.00	100	Vertical	Pass
2	115.118	19.16	-27.32	43.5	24.34	Peak	258.00	100	Vertical	Pass
3	126.515	23.69	-29.23	43.5	19.81	Peak	263.00	100	Vertical	Pass
4	141.356	21.80	-29.78	43.5	21.70	Peak	221.00	100	Vertical	Pass
5	270.608	18.66	-24.58	47.0	28.34	Peak	90.00	100	Vertical	Pass
6	938.938	27.88	-8.64	47.0	19.12	Peak	189.00	100	Vertical	Pass

1GHz to 18GHz, ANT H

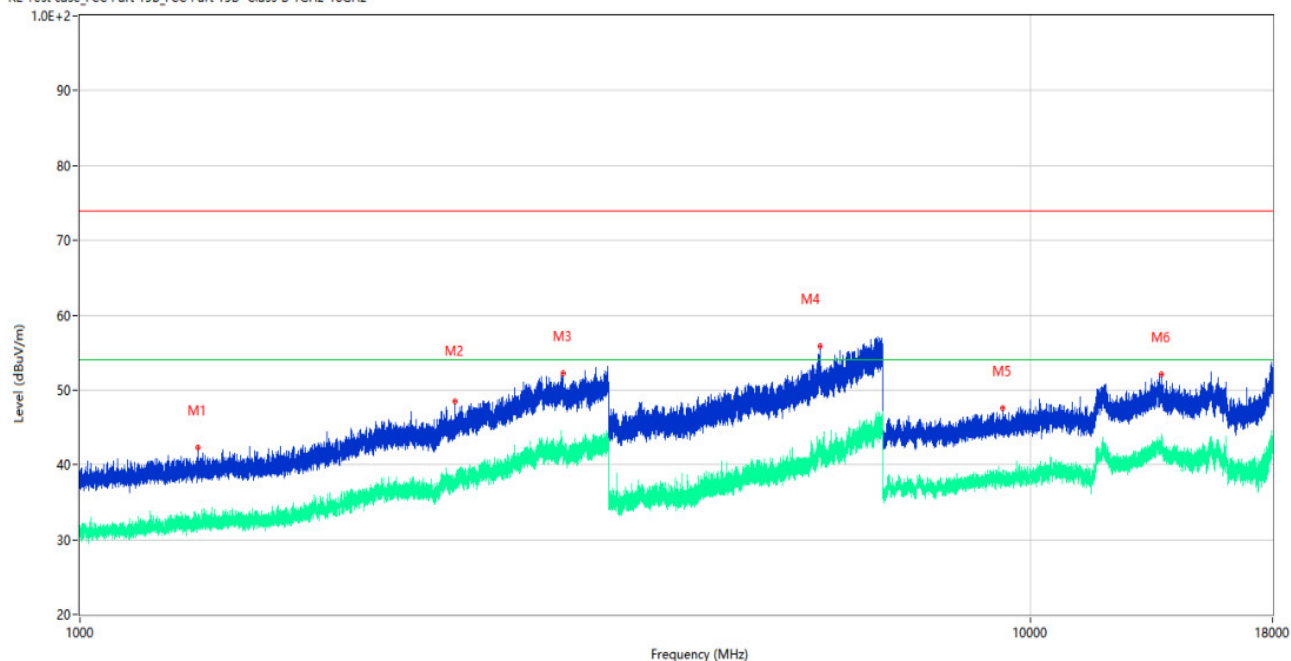
RE Test case_FCC Part 15B_FCC Part 15B Class B 1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1273.390	42.04	-12.79	74.0	31.96	Peak	278.00	100	Horizontal	Pass
1**	1273.390	32.08	-12.79	54.0	21.92	AV	278.00	100	Horizontal	Pass
2	2408.810	47.38	-7.12	74.0	26.62	Peak	145.00	100	Horizontal	Pass
2**	2408.810	36.81	-7.12	54.0	17.19	AV	145.00	100	Horizontal	Pass
3	3406.040	52.80	0.49	74.0	21.20	Peak	3.00	100	Horizontal	Pass
3**	3406.040	43.69	0.49	54.0	10.31	AV	3.00	100	Horizontal	Pass
4	6461.270	55.65	1.67	74.0	18.35	Peak	360.00	100	Horizontal	Pass
4**	6461.270	43.84	1.67	54.0	10.16	AV	360.00	100	Horizontal	Pass
5	10240.050	48.15	1.39	74.0	25.85	Peak	23.00	100	Horizontal	Pass
5**	10240.050	38.98	1.39	54.0	15.02	AV	23.00	100	Horizontal	Pass
6	13619.800	51.92	6.08	74.0	22.08	Peak	145.00	100	Horizontal	Pass
6**	13619.800	42.48	6.08	54.0	11.52	AV	145.00	100	Horizontal	Pass

1GHz to 18GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 1GHz-18GHz



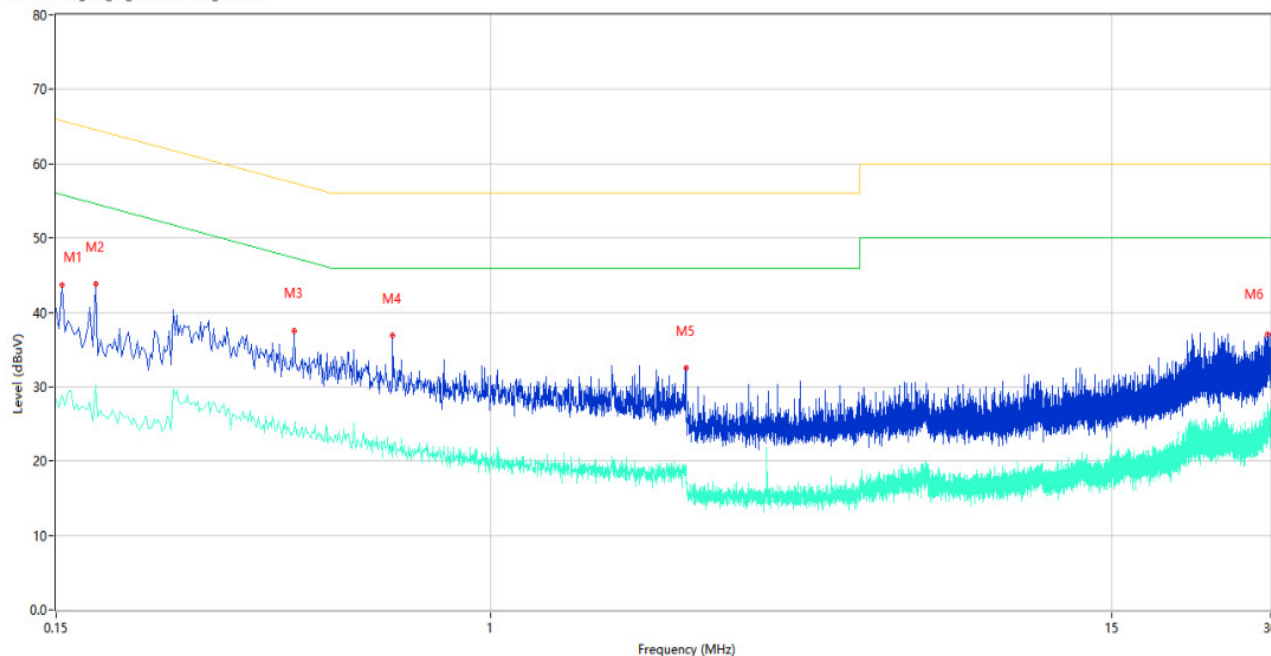
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.280	42.28	-12.83	74.0	31.72	Peak	259.00	100	Vertical	Pass
1**	1332.280	32.08	-12.83	54.0	21.92	AV	259.00	100	Vertical	Pass
2	2481.220	48.49	-6.19	74.0	25.51	Peak	143.00	100	Vertical	Pass
2**	2481.220	37.60	-6.19	54.0	16.40	AV	143.00	100	Vertical	Pass
3	3222.610	52.30	-0.92	74.0	21.70	Peak	226.00	100	Vertical	Pass
3**	3222.610	41.95	-0.92	54.0	12.05	AV	226.00	100	Vertical	Pass
4	6006.690	55.81	1.31	74.0	18.19	Peak	211.00	100	Vertical	Pass
4**	6006.690	41.92	1.31	54.0	12.08	AV	211.00	100	Vertical	Pass
5	9355.650	47.56	-0.22	74.0	26.44	Peak	296.00	100	Vertical	Pass
5**	9355.650	38.00	-0.22	54.0	16.00	AV	296.00	100	Vertical	Pass
6	13741.350	52.03	6.14	74.0	21.97	Peak	175.00	100	Vertical	Pass
6**	13741.350	42.59	6.14	54.0	11.41	AV	175.00	100	Vertical	Pass

A.9 AC Power-line Conducted Emissions

Note: Only the worst test results were recorded in this report.

L Phase

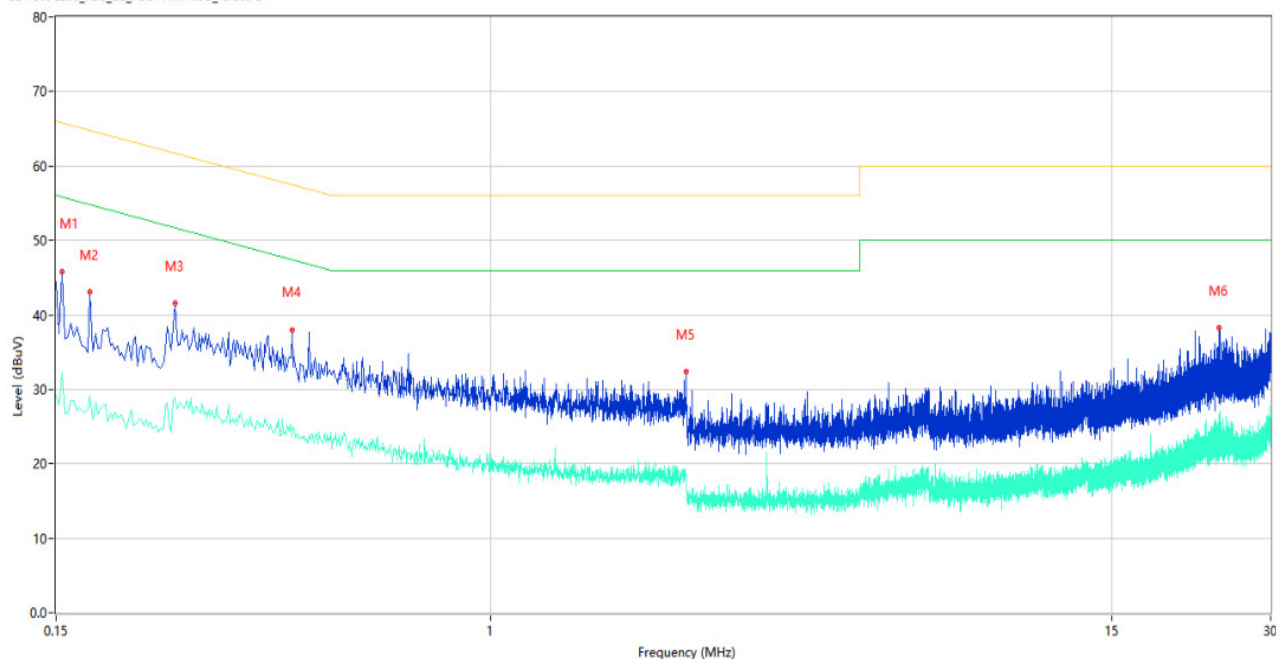
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	43.70	10.27	65.78	22.08	Peak	L	Pass
1**	0.154	28.97	10.27	55.78	26.81	AV	L	Pass
2	0.178	43.86	10.26	64.58	20.72	Peak	L	Pass
2**	0.178	30.21	10.26	54.58	24.37	AV	L	Pass
3	0.424	37.59	10.25	57.37	19.78	Peak	L	Pass
3**	0.424	23.90	10.25	47.37	23.47	AV	L	Pass
4	0.652	36.98	10.26	56.00	19.02	Peak	L	Pass
4**	0.652	22.46	10.26	46.00	23.54	AV	L	Pass
5	2.342	32.49	10.43	56.00	23.51	Peak	L	Pass
5**	2.342	19.41	10.43	46.00	26.59	AV	L	Pass
6	29.600	37.00	16.24	60.00	23.00	Peak	L	Pass
6**	29.600	25.19	16.24	50.00	24.81	AV	L	Pass

N Phase

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	45.87	10.18	65.78	19.91	Peak	N	Pass
1**	0.154	32.24	10.18	55.78	23.54	AV	N	Pass
2	0.174	43.09	10.17	64.77	21.68	Peak	N	Pass
2**	0.174	29.15	10.17	54.77	25.62	AV	N	Pass
3	0.252	41.62	10.16	61.69	20.07	Peak	N	Pass
3**	0.252	28.74	10.16	51.69	22.95	AV	N	Pass
4	0.420	38.03	10.16	57.45	19.42	Peak	N	Pass
4**	0.420	25.04	10.16	47.45	22.41	AV	N	Pass
5	2.346	32.39	10.34	56.00	23.61	Peak	N	Pass
5**	2.346	18.31	10.34	46.00	27.69	AV	N	Pass
6	23.924	38.30	15.13	60.00	21.70	Peak	N	Pass
6**	23.924	23.30	15.13	50.00	26.70	AV	N	Pass

ANNEX B TEST SETUP PHOTOS

Please refer to the document “Ti-EE26010095-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer to the document “Ti-EE26010095-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer to the document “Ti-EE26010095-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--