TEST REPORT

Applicant:	Mudita Sp. z o.o.
Address:	Jana Czeczota 6, 02-607 Warszawa, Poland
Equipment Type:	GSM/WCDMA/LTE Mobile Phone
Model Name:	Kompakt-NAM
Brand Name:	Mudita
FCC ID:	2BCWI-KOMPAKT-NAM
ISED Number:	31299-KOMPAKTNAM
Test Standard:	47 CFR Part 2 (Others refer to chapter 3.1)
Sample Arrival Date:	Dec. 20, 2024
Test Date:	Dec. 20, 2024 - Jan. 03, 2025
Date of Issue:	Mar. 21, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Lin Xiangyuan **Checked by:** Wu Huihui **Approved by:** Tolan Tu (Testing Director)

Revision History

Version	Issue Date	Revisions Content
Rev. 01	Mar. 05, 2025	Initial Issue
Rev. 02	Mar. 21, 2025	Correct the standard to RSS-133 Issue7

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☑ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A. The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Mudita Sp. z o.o.
Address	Jana Czeczota 6, 02-607 Warszawa, Poland

2.2 Manufacturer Information

Manufacturer	Mudita Sp. z o.o.
Address	Jana Czeczota 6, 02-607 Warszawa, Poland

2.3 General Description for Equipment under Test (EUT)

EUT Name	GSM/WCDMA/LTE Mobile Phone
Model Name Under Test	Kompakt-NAM
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V0.3
Software Version	LS601B_EINK_US_2SIM_V1.0_20241213
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

All Network and Wireless connectivity for EUT	2G Network GSM/GPRS 850/1900 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network FDD LTE Band 2/4/5/7/12/13/17/18/19/25/26/66/71 TDD LTE Band 38/41 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) GNSS, FM Receiver, NFC, WPT(RX Only)
About the Product	The equipment is GSM/WCDMA/LTE Mobile Phone, intended for used with information technology equipment.
Note 1: The EUT is a GSM/WCDMA/LTE Mobile Phone, supporting dual SIM card slots under the same transceiver. Both SIM card slots support GSM, WCDMA, LTE. And both SIM card slots share the same transceiver, so only SIM1 is tested in this report.	

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

Operating Bands	GSM/GPRS 850/1900 WCDMA/HSDPA/HSUPA Band 2/4/5 FDD LTE Band 2/4/5/7/12/13/17/18/19/25/26/66/71 TDD LTE Band 38/41	
Modulation Type	GSM/GPRS	GMSK
	WCDMA	QPSK
	HSDPA /HSUPA	QPSK
		16QAM
	LTE	QPSK
		16QAM
Multislot Class	GPRS: 12	
Antenna Type	PIFA Antenna	
Antenna Gain	GSM/GPRS 850: -1.50 dBi GSM/GPRS 1900: -0.15 dBi WCDMA/HSDPA/HSUPA Band 2: -0.15 dBi WCDMA/HSDPA/HSUPA Band 4: -0.46 dBi WCDMA/HSDPA/HSUPA Band 5: -1.05 dBi FDD LTE Band 2: -0.15 dBi FDD LTE Band 4: -0.46 dBi FDD LTE Band 5: -1.05 dBi FDD LTE Band 7: -0.56 dBi FDD LTE Band 12: -1.16 dBi FDD LTE Band 13: -1.23 dBi FDD LTE Band 17: -1.15 dBi	

	FDD LTE Band 18: -1.06 dBi FDD LTE Band 19: -1.05 dBi FDD LTE Band 25: 0.32 dBi FDD LTE Band 26: -1.05 dBi FDD LTE Band 66: -0.46 dBi FDD LTE Band 71: -1.85 dBi TDD LTE Band 38: -0.54 dBi TDD LTE Band 41: -0.27 dBi
The Max RF Output Power (EIRP/ERP)	GSM/GPRS 850:29.99 dBm GSM/GPRS 1900: 29.72 dBm WCDMA/HSDPA/HSUPA Band 2: 22.46 dBm WCDMA/HSDPA/HSUPA Band 4: 22.07 dBm WCDMA/HSDPA/HSUPA Band 5: 19.37 dBm FDD LTE Band 2: 22.65 dBm FDD LTE Band 4: 22.56 dBm FDD LTE Band 5: 19.28 dBm FDD LTE Band 7: 22.24 dBm FDD LTE Band 12: 19.22 dBm FDD LTE Band 13: 19.11 dBm FDD LTE Band 17: 19.39 dBm FDD LTE Band 18(Part22): 19.16 dBm FDD LTE Band 18(Part90): 19.09 dBm FDD LTE Band 19: 19.28 dBm FDD LTE Band 25: 23.53 dBm FDD LTE Band 26(Part22): 19.40 dBm FDD LTE Band 26(Part90): 19.35 dBm FDD LTE Band 66: 22.56 dBm FDD LTE Band 71: 18.86 dBm TDD LTE Band 38: 22.04 dBm TDD LTE Band 41: 22.51 dBm

Band	Power Class	Tx Frequency Range	Rx Frequency Range
	GMSK		
GSM850	4	824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
GSM1900	1	1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
WCDMA B2	3	1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
WCDMA B4	3	1710 MHz ~ 1755 MHz	2110 MHz ~ 2155 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 B13	3	777 MHz ~ 787 MHz	746 MHz ~ 756 MHz
LTE B17	3	704 MHz ~ 716 MHz	734 MHz ~ 746 MHz

LTE B18 Note3	3	815 MHz ~ 824 MHz	860 MHz ~ 869 MHz
		824 MHz ~ 830 MHz	869 MHz ~ 875 MHz
LTE B19	3	830 MHz ~ 845 MHz	875 MHz ~ 890 MHz
LTE B25	3	1850 MHz ~ 1915 MHz	1930 MHz ~ 1995 MHz
LTE B26Note2	3	814 MHz ~ 824 MHz	859 MHz ~ 869 MHz
		824 MHz ~ 849 MHz	869 MHz ~ 894 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
LTE B71	3	663 MHz ~ 698 MHz	617 MHz ~ 652 MHz

Note1: 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.

Note2: LTE Band26 (814-824MHz & 859-869MHz) are only applicable in the United States.

Note3: LTE Band 18 (815-824MHz & 860-869MHz) are only applicable in the United States.

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	47 CFR Part 90 Subpart S	Regulations Governing Licensing and Use of Frequencies in the 806-824, 851-869, 896-901, and 935-940 MHz Bands
6	RSS-Gen Issue5	General Requirements and Information for the Certification of Radio Apparatus
7	RSS-130 Issue2	Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 MHz
8	RSS-132 Issue4	Cellular Telephone Systems Operating in the Bands 824-849 MHz and 869-894 MHz
9	RSS-133 Issue7	Personal Communications Service Equipment Operating in the Bands 1850-1915 MHz and 1930-1995 MHz
10	RSS-139 Issue4	Advanced Wireless Services (AWS) Equipment Operating in the Bands 1710-1780 MHz and 2110-2200 MHz
11	RSS-199 Issue4	Broadband Radio Service (BRS) Equipment Operating in the Band 2500-2690 MHz
12	ANSI C63.26-2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
13	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 5.5 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 90.635(b)	RSS-Gen 6.12 RSS-130 4.6 RSS-132 5.4 RSS-133 5.5 RSS-139 6.5 RSS-199 5.5	ANNEX A.1	Pass
3	Peak to Average Radio	2.1046 24.232(d) 27.50(d)	RSS-130 4.6 RSS-132 5.4 RSS-133 5.5 RSS-139 6.5 RSS-199 5.5	ANNEX A.2	Pass
4	Occupied Bandwidth	2.1049 22.917 24.238 27.53 90.209	RSS-Gen 6.7	ANNEX A.3	Pass
5	Frequency Stability	2.1055 22.355 24.235 27.54 90.213	RSS-Gen 6.11 RSS-130 4.5 RSS-132 5.3 RSS-133 5.4 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 90.691	RSS-Gen 6.13 RSS-130 4.7 RSS-132 5.5 RSS-133 5.6 RSS-139 6.6 RSS-199 5.6	ANNEX A.5	Pass
7	Band Edge	2.1051 22.917 24.238 27.53 90.691	RSS-130 4.7 RSS-132 5.5 RSS-133 5.6 RSS-139 6.6 RSS-199 5.6	ANNEX A.6	Pass
8	Field Strength of	2.1053	RSS-Gen 6.13	ANNEX A.7	Pass

No.	Test Description	FCC Part No.	ISED Part No.	Test Result	Test Verdict
	Spurious Radiation	22.917 24.238 27.53 90.691	RSS-130 4.7 RSS-132 5.5 RSS-133 5.6 RSS-139 6.6 RSS-199 5.6		
9	Receiver Spurious Emissions	N/A	RSS-Gen 7	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		20% to 75%
Atmospheric Pressure		98 kPa to 102 kPa
Test Voltage of the EUT	NV (Normal Voltage)	3.8 V
	LV (Low Voltage)	3.4V
	HV (High Voltage)	4.45V
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	3.0.536	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	2024/10/31	2025/10/30
Universal Radio Communication Tester	R&S	CMU 200	119280	V5.13	2024-12-19	2025-12-18
Wideband Radio Communication Tester	R&S	CMW 500	100854	V3.7.172	2024-04-25	2025-04-24
Wideband Radio Communication Tester	R&S	CMW 500	120598	V3.7.172	2024-09-11	2025-09-10
Spectrum Analyzer	Agilent	E4440A	MY46181663	A.11.21	2024-08-12	2025-08-11
DC Power Supply	ITECH	IT6863A	800014020757120008	N/A	2024-08-16	2025-08-15
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	100854	V3.7.172	2024-04-25	2025-04-24
Wideband Radio Communication Tester	R&S	CMW 500	120598	V3.7.172	2024-09-11	2025-09-10
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	2024-04-23	2025-04-22

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
	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
	HSDPA Band 2	v	v	v
	HSDPA Band 4	v	v	v
	HSDPA Band 5	v	v	v
	HSUPA Band 2	v	v	v
	HSUPA Band 4	v	v	v
	HSUPA Band 5	v	v	v
Occupied Bandwidth	GSM 850	v	v	v
	GSM 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 4	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
	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Spurious Emission at Antenna Terminals	GSM 850	v	v	v
	GSM 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Band Edge	GSM 850	v	--	v
	GSM 1900	v	--	v
	WCDMA Band 2	v	--	v
	WCDMA Band 4	v	--	v
	WCDMA Band 5	v	--	v
Field Strength of Spurious Radiation	GSM 850	v	v	v
	GSM 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v

Test Items	Test Mode	Test Channel		
		LCH	MCH	HCH
	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 850	Low Channel	128	824.2
	Middle Channel	190	836.6
	High Channel	251	848.8
GSM/GPRS 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 4	Low Channel	1312	1712.4
	Middle Channel	1412	1732.4
	High Channel	1513	1752.6
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
13	n	n	v	v	n	n	v	v	v	v	v	v	v	v
17	n	n	v	v	n	n	v	v	v	v	v	v	v	v
18(Part22)	n	n	v	--	--	n	v	v	v	v	v	v	v	v
18(Part90)	n	n	v	--	--	n	v	v	v	v	v	v	v	v
19	n	n	v	v	v	n	v	v	v	v	v	v	v	v
25	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26(Part22)	v	v	v	v	v	n	v	v	v	v	v	v	v	v
26(Part90)	v	v	v	v	--	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
71	n	n	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
4	--	--	--	--	--	v	v	v	v	--	v	v	v	v
5	--	--	--	v	n	n	v	v	v	--	v	v	v	v
7	n	n	--	--	--	v	v	v	v	--	v	v	v	v
12	--	--	--	v	n	n	v	v	v	--	v	v	v	v
13	n	n	--	v	n	n	v	v	v	--	v	--	v	--
17	n	n	--	v	n	n	v	v	v	--	v	v	v	v
25	--	--	--	--	--	v	v	v	v	--	v	v	v	v
26(Part22)	--	--	--	--	v	n	v	v	v	--	v	v	v	v
26(Part90)	--	--	--	v	--	n	v	v	v	--	v	--	v	--
38	n	n	--	--	--	v	v	v	v	--	v	v	v	v
41	n	n	--	--	--	v	v	v	v	--	v	v	v	v
66	--	--	--	--	--	v	v	v	v	--	v	v	v	v
71	n	n	n	n	n	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
13	n	n	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
17	n	n	v	v	n	n	v	v	--	--	v	v	v	v
18(Part22)	n	n	v	--	--	n	v	v	--	--	v	v	v	v
18(Part90)	n	n	v	--	--	n	v	v	--	--	v	v	v	v
19	n	n	v	v	v	n	v	v	--	--	v	v	v	v
25	v	v	v	v	v	v	v	v	--	--	v	v	v	v
26(Part22)	v	v	v	v	v	n	v	v	--	--	v	v	v	v
26(Part90)	v	v	v	v	--	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
71	n	n	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	--
13	n	n	--	v	n	n	v	v	--	--	v	--	v	--
17	n	n	--	v	n	n	v	v	--	--	v	--	v	--
25	--	--	--	v	--	--	v	v	--	--	v	--	v	--
26(Part22)	--	--	--	v	--	n	v	v	--	--	v	--	v	--
26(Part90)	--	--	--	v	--	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	--
71	n	n	--	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
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
13	n	n	v	v	n	n	v	v	v	--	--	v	v	v
17	n	n	v	v	n	n	v	v	v	--	--	v	v	v
25	v	v	v	v	v	v	v	v	v	--	--	v	v	v
26(Part22)	v	v	v	v	v	n	v	v	v	--	--	v	v	v
26(Part90)	v	v	v	v	--	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
71	n	n	v	v	v	v	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
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
13	n	n	v	v	n	n	v	v	v	--	v	v	--	v
17	n	n	v	v	n	n	v	v	v	--	v	v	--	v
25	v	v	v	v	v	v	v	v	v	--	v	v	--	v
26(Part22)	v	v	v	v	v	n	v	v	v	--	v	v	--	v
26(Part90)	v	v	v	v	--	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
71	n	n	v	v	v	v	v	v	v	--	v	v	--	v
Field Strength of Spurious Radiation														
2	Worst case													
4	Worst case													
5	Worst case													
7	Worst case													
12	Worst case													
13	Worst case													
17	Worst case													
25	Worst case													
26(Part22)	Worst case													
26(Part90)	Worst case													
38	Worst case													
41	Worst case													
66	Worst case													
71	Worst 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 B2	--	v	--
AC Power-line Conducted Emissions	LTE B2	--	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

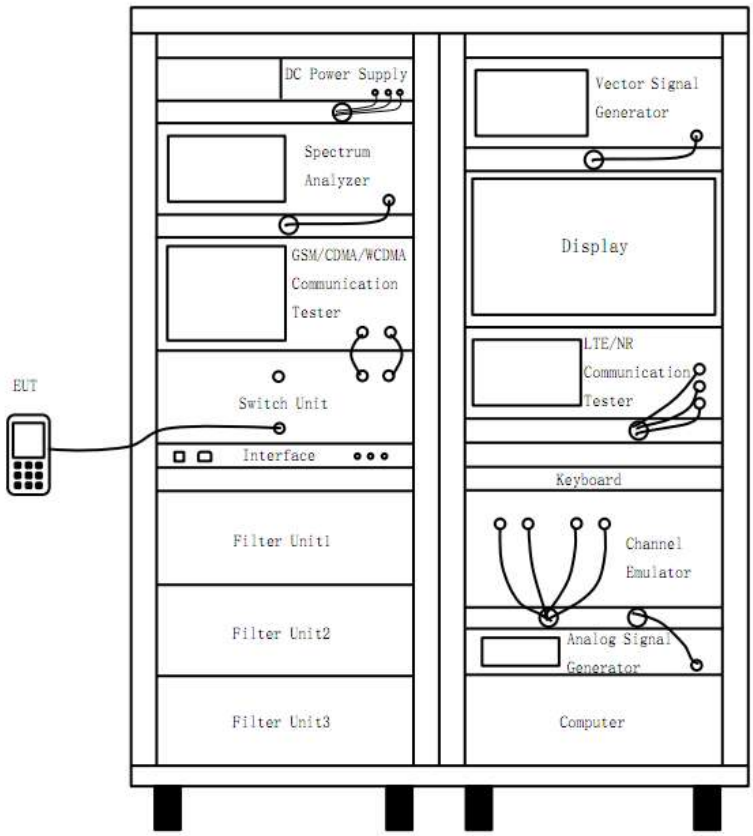
Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
	High Range	5	21425	2567.5
		10	21400	2565
		15	21375	2562.5
		20	21350	2560
LTE Band 12	Low Range	1.4	23017	699.7
		3	23025	700.5
		5	23035	701.5
		10	23060	704
	Middle Range	1.4/3/5/10	23095	707.5
	High Range	1.4	23173	715.3
		3	23165	714.5
		5	23155	713.5
		10	23130	711
LTE Band 13	Low Range	5	23205	779.5
		10	23230	782
	Middle Range	5/10	23230	782
	High Range	5	23255	784.5
		10	23230	782
LTE Band 17	Low Range	5	23755	706.5
		10	23780	709
	Middle Range	5/10	23790	710
	High Range	5	23825	713.5
		10	23800	711
LTE Band 18 (Part90)	Low Range	5	23875	817.5
	Middle Range	5	23895	819.5
	High Range	5	23915	821.5
LTE Band 18 (Part22)	Low Range	5	23965	826.5
	Middle Range	5	23970	827
	High Range	5	23975	827.5
LTE Band 19	Low Range	5	24025	832.5
		10	24050	835
		15	24075	837.5
	Middle Range	5/10/15	24075	837.5
	High Range	5	24125	842.5
		10	24100	840
		15	24075	837.5
LTE Band 25	Low Range	1.4	26047	1850.7
		3	26055	1851.5
		5	26065	1852.5
		10	26090	1855
		15	26115	1857.5

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
		20	26140	1860
	Middle Range	1.4/3/5/10/15/20	26365	1882.5
	High Range	1.4	26683	1914.3
		3	26675	1913.5
		5	26665	1912.5
		10	26640	1910
		15	26615	1907.5
		20	26590	1905
LTE Band 26 (Part22)	Low Range	1.4	26797	824.7
		3	26805	825.5
		5	26815	826.5
		10	26840	829
		15	26865	831.5
	Middle Range	1.4/3/5/10/15	26915	836.5
	High Range	1.4	27033	848.3
		3	27025	847.5
		5	27015	846.5
		10	26990	844
		15	26965	841.5
LTE Band 26 (Part90)	Low Range	1.4	26697	814.7
		3	26705	815.5
		5	26715	816.5
		10	---	---
	Middle Range	1.4/3/5/10	26740	819
	High Range	1.4	26783	823.3
		3	26775	822.5
		5	26765	821.5
		10	---	---
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

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
	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
		10	132622	1775
		15	132597	1772.5
		20	132572	1770
LTE-Band 71	Low Range	5	133147	665.5
		10	133172	668
		15	133197	670.5
		20	133222	673
	Middle Range	5/10/15/20	133297	680.5
	High Range	5	133447	695.5
		10	133422	693
		15	133397	690.5
		20	133372	688

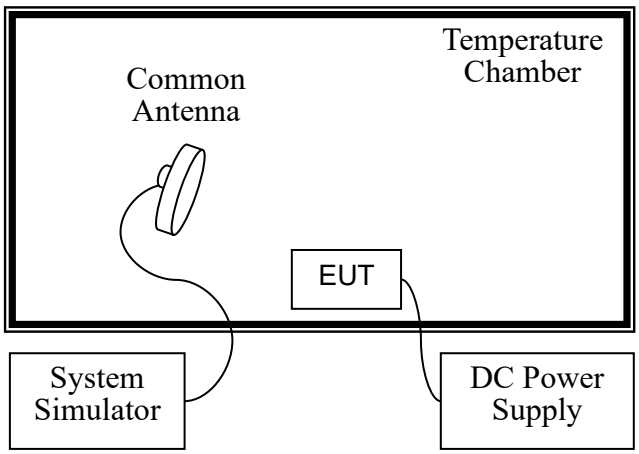
4.4 Test Setup

4.4.1 For Antenna Port Test



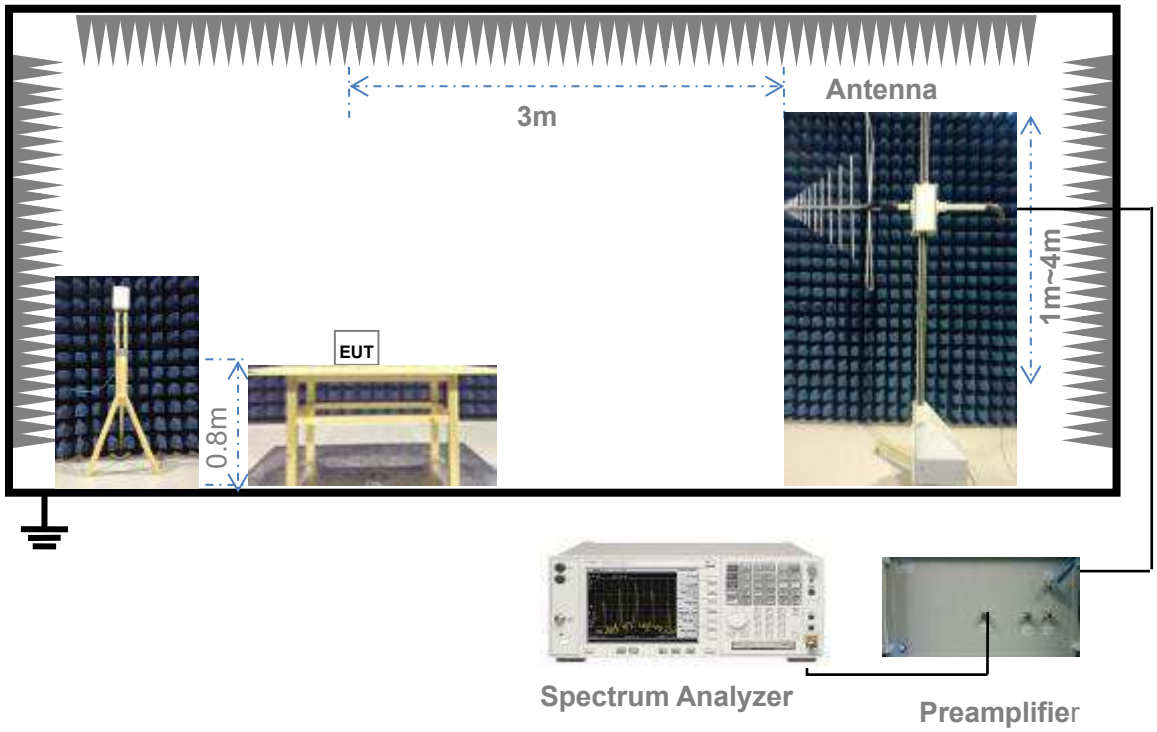
(Diagram 1)

4.4.2 For Frequency Stability Test



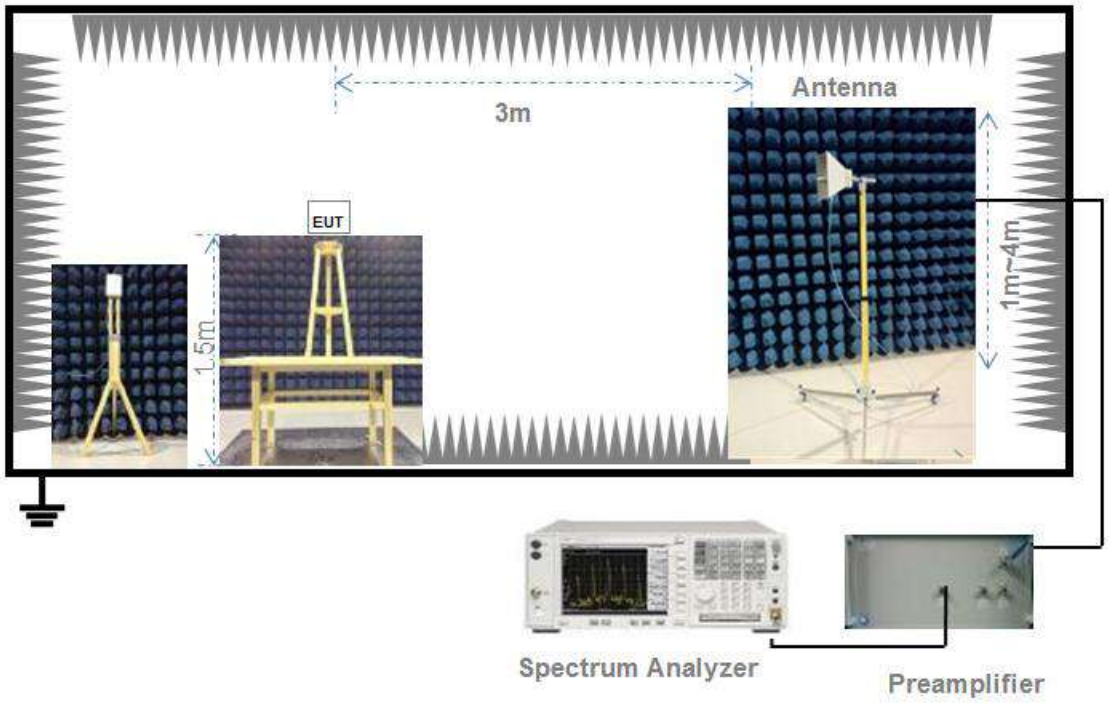
(Diagram 2)

4.4.3 For Radiated Test (30 MHz ~ 1 GHz)



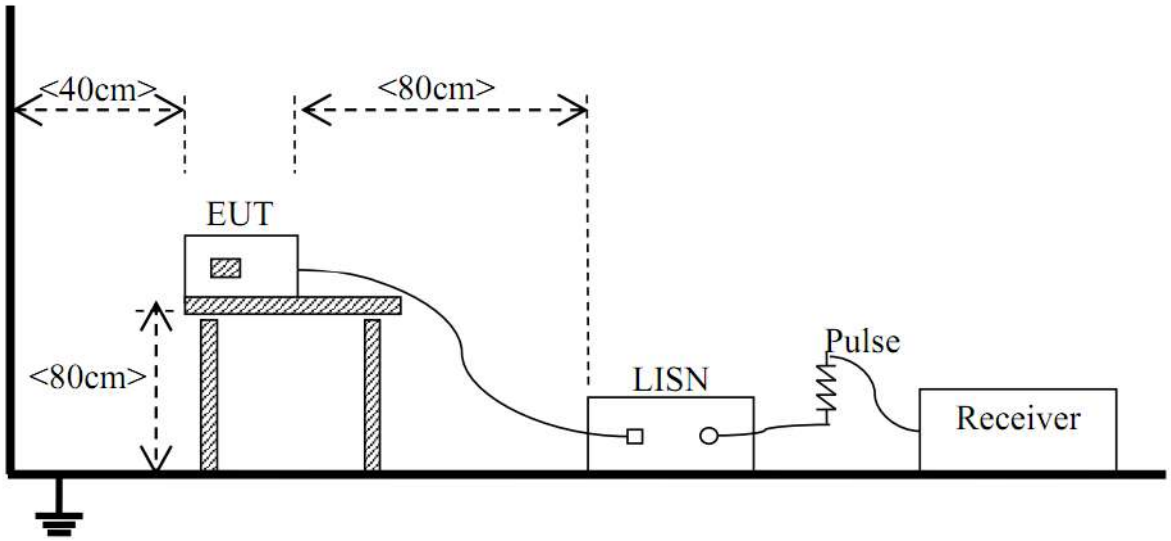
(Diagram 3)

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) & 90.635(b)

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.

According to FCC section 90.635(b), the maximum output power of the transmitter for mobile stations is 100 watts (20dBW).

RSS-Gen § 6.12 & RSS-130 § 4.6 & RSS-132 § 5.4 & RSS-133 § 5.5 & 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 § 5.5 (SRSP 510), Subscriber equipment are limited to 2 W /channel bandwidth e.i.r.p.

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:

Conducted Output Power Value (dBm) = 24.7 dBm + 8.5 dB = 33.2 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:

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

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:
EIRP for GSM1900 = 30.2 dBm - 3.4 dBi - 0.6 dB = 26.2 dBm

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

ERP/EIRP (dBm) = SA Read Value (dBm) + 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:

ERP (dBm) = 21dBm + 8dB = 29dBm

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 § 5.5 & 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 § 5.5, 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 ≥ 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:

PAPR (dB) = P_{Pk} (dBm) - P_{Avg} (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 & 90.213

RSS-Gen § 6.11 & RSS-130 § 4.5 & RSS-132 § 5.3 & RSS-133 § 5.4 & 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.

FCC § 90.213

The frequency stability shall not depart from the reference frequency in excess of ±2.5ppm for mobile stations.

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 § 5.4

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

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) & 90.691

RSS-Gen § 6.13 & RSS-130 § 4.7 & RSS-132 § 5.5 & RSS-133 § 5.6 & 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 § 5.6

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+10logP dB (−10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.

• 43+10logP dB (−13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,

• 55+10logP 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 that 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.

FCC § 90.691

(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 $Log_{10}(f/6.1)$ decibels or 50 + 10 $Log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + $10Log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

(b) When an emission outside of the authorized bandwidth causes harmful interference, the Commission may, at its discretion, require greater attenuation than specified in this section.

RSS-132 § 5.5 & RSS-133 § 5.6

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+10logP dB (−10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.

• 43+10logP dB (−13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,

• 55+10logP 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 that 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 + 10Log_{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 log10 p (watts), dB, for base and fixed equipment and

(ii) 65 + 10 log10 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) & 90.691

RSS-Gen § 6.13 & RSS-130 § 4.7 & RSS-132 § 5.5 & RSS-133 § 5.6 & 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 § 5.6

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+10logP dB (−10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.

• 43+10logP dB (−13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,

• 55+10logP 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 that 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.

FCC § 90.691

(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 $Log_{10}(f/6.1)$ decibels or 50 + 10 $Log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + $10Log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

(b) When an emission outside of the authorized bandwidth causes harmful interference, the Commission may, at its discretion, require greater attenuation than specified in this section.

RSS-132 § 5.5 & RSS-133 § 5.6

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+10logP dB (−10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.

• 43+10logP dB (−13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,

• 55+10logP 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 that 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 + 10Log_{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 log10 p (watts), dB, for base and fixed equipment and

(ii) 65 + 10 log10 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 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. The center of the spectrum analyzer was set to block edge frequency.

5. Band edge are tested with 1%*cBW (RBW), and sweep point number referred to following formula.

Sweep point number = 2*Span/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*log(10 kHz / 6.25 kHz) = 2.04 dB
Limit Line = -35 dBm + 2.04 dB = -32.96dBm

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) & 90.691

RSS-Gen § 6.13 & RSS-130 § 4.7 & RSS-132 § 5.5 & RSS-133 § 5.6 & 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 § 5.6

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+10logP dB (−10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.

• 43+10logP dB (−13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,

• 55+10logP 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 that 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.

FCC § 90.691

(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 $Log_{10}(f/6.1)$ decibels or 50 + 10 $Log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + $10Log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

(b) When an emission outside of the authorized bandwidth causes harmful interference, the Commission may, at its discretion, require greater attenuation than specified in this section.

RSS-132 § 5.5 & RSS-133 § 5.6

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+10logP dB (−10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.

• 43+10logP dB (−13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,

• 55+10logP 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 that 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 + 10Log_{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 log10 p (watts), dB, for base and fixed equipment and

(ii) 65 + 10 log10 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 received, 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:

ERP/EIRP (dBm) = SA Read Value (dBm) + 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:

ERP (dBm) = 21dBm + 8dB = 29dBm

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 (μV/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.9.

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 μH / 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 (dBμV)	
	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 μH 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.10.

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	33.19	-1.05	-3.20	29.99	0.998	7.00	Pass
	MCH	33.06	-1.05	-3.20	29.86	0.968	7.00	Pass
	HCH	33.06	-1.05	-3.20	29.86	0.968	7.00	Pass
GPRS 850	LCH	33.15	-1.05	-3.20	29.95	0.989	7.00	Pass
	MCH	33.05	-1.05	-3.20	29.85	0.966	7.00	Pass
	HCH	33.06	-1.05	-3.20	29.86	0.968	7.00	Pass

Test Band	Test Channel	Conducted Output Peak Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
GSM 1900	LCH	29.87	-0.15	29.72	0.938	2.00	Pass
	MCH	29.79	-0.15	29.64	0.920	2.00	Pass
	HCH	29.74	-0.15	29.59	0.910	2.00	Pass
GPRS 1900	LCH	29.80	-0.15	29.65	0.923	2.00	Pass
	MCH	29.80	-0.15	29.65	0.923	2.00	Pass
	HCH	29.75	-0.15	29.60	0.912	2.00	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	33.15	2.07	32.28	1.69	30.40	1.10	29.43	0.88
	MCH	33.05	2.02	32.16	1.64	30.09	1.02	28.97	0.79
	HCH	33.06	2.02	32.14	1.64	30.08	1.02	28.98	0.79
GPRS 1900	LCH	29.80	0.95	28.90	0.78	26.98	0.50	25.88	0.39
	MCH	29.80	0.95	28.99	0.79	26.95	0.50	25.84	0.38
	HCH	29.75	0.94	28.80	0.76	27.05	0.51	26.00	0.40

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	22.61	-0.15	22.46	0.176	2.00	Pass
	MCH	22.45	-0.15	22.30	0.170	2.00	Pass
	HCH	22.45	-0.15	22.30	0.170	2.00	Pass
HSDPA Band 2	LCH	21.65	-0.15	21.50	0.141	2.00	Pass
	MCH	21.46	-0.15	21.31	0.135	2.00	Pass
	HCH	21.47	-0.15	21.32	0.136	2.00	Pass
HSUPA Band 2	LCH	21.14	-0.15	20.99	0.126	2.00	Pass
	MCH	20.98	-0.15	20.83	0.121	2.00	Pass
	HCH	20.98	-0.15	20.83	0.121	2.00	Pass

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
WCDMA Band 4	LCH	22.53	-0.46	22.07	0.161	1.00	Pass
	MCH	22.45	-0.46	21.99	0.158	1.00	Pass
	HCH	22.44	-0.46	21.98	0.158	1.00	Pass
HSDPA Band 4	LCH	21.55	-0.46	21.09	0.129	1.00	Pass
	MCH	21.43	-0.46	20.97	0.125	1.00	Pass
	HCH	21.47	-0.46	21.01	0.126	1.00	Pass
HSUPA Band 4	LCH	20.86	-0.46	20.40	0.110	1.00	Pass
	MCH	20.87	-0.46	20.41	0.110	1.00	Pass
	HCH	20.90	-0.46	20.44	0.111	1.00	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	22.55	-1.05	-3.20	19.35	0.086	7.00	Pass
	MCH	22.57	-1.05	-3.20	19.37	0.086	7.00	Pass
	HCH	22.55	-1.05	-3.20	19.35	0.086	7.00	Pass
HSDPA Band 5	LCH	21.59	-1.05	-3.20	18.39	0.069	7.00	Pass
	MCH	21.58	-1.05	-3.20	18.38	0.069	7.00	Pass
	HCH	21.54	-1.05	-3.20	18.34	0.068	7.00	Pass
HSUPA Band 5	LCH	20.87	-1.05	-3.20	17.67	0.058	7.00	Pass
	MCH	20.92	-1.05	-3.20	17.72	0.059	7.00	Pass
	HCH	20.84	-1.05	-3.20	17.64	0.058	7.00	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	21.65	21.46	21.47	0.146	0.140	0.140
	Subtest 2	21.58	21.43	21.39	0.144	0.139	0.138
	Subtest 3	21.08	20.93	20.87	0.128	0.124	0.122
	Subtest 4	21.06	20.88	20.89	0.128	0.122	0.123
HSDPA B4	Subtest 1	21.55	21.43	21.47	0.143	0.139	0.140
	Subtest 2	21.47	21.38	21.39	0.140	0.137	0.138
	Subtest 3	20.95	20.94	20.97	0.124	0.124	0.125
	Subtest 4	20.94	20.89	20.93	0.124	0.123	0.124
Conducted Output Power		ERP (dBm)			ERP (W)		
Band	Configuration	LCH	MCH	HCH	LCH	MCH	HCH
HSDPA B5	Subtest 1	21.59	21.58	21.54	0.144	0.144	0.143
	Subtest 2	21.50	21.58	21.47	0.141	0.144	0.140
	Subtest 3	21.01	21.07	20.97	0.126	0.128	0.125
	Subtest 4	21.00	21.05	20.97	0.126	0.127	0.125

HSUPA Conducted Output Power

Conducted Output Power		EIRP (dBm)			EIRP (W)		
Band	Configuration	LCH	MCH	HCH	LCH	MCH	HCH
HSUPA B2	Subtest 1	20.19	20.01	20.02	0.104	0.100	0.100
	Subtest 2	20.17	20.02	20.03	0.104	0.100	0.101
	Subtest 3	21.14	20.98	20.98	0.130	0.125	0.125
	Subtest 4	19.72	19.57	19.56	0.094	0.091	0.090
	Subtest 5	21.13	20.96	20.98	0.130	0.125	0.125
HSUPA B4	Subtest 1	19.89	19.87	19.90	0.097	0.097	0.098
	Subtest 2	19.89	19.86	19.90	0.097	0.097	0.098
	Subtest 3	20.86	20.87	20.90	0.122	0.122	0.123
	Subtest 4	19.42	19.41	19.44	0.087	0.087	0.088
	Subtest 5	20.85	20.84	20.90	0.122	0.121	0.123
Conducted Output Power		ERP (dBm)			ERP (W)		
Band	Configuration	LCH	MCH	HCH	LCH	MCH	HCH
HSUPA B5	Subtest 1	19.89	19.94	19.85	0.097	0.099	0.097
	Subtest 2	19.92	19.92	19.87	0.098	0.098	0.097
	Subtest 3	20.87	20.92	20.84	0.122	0.124	0.121
	Subtest 4	19.41	19.49	19.38	0.087	0.089	0.087
	Subtest 5	20.85	20.89	20.80	0.122	0.123	0.120

LTE Mode Test Data

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 BAND2									
1.4 MHz	LCH	QPSK	RB1#0	22.51	-0.15	22.36	0.172	2.00	Pass
			RB1#3	22.64	-0.15	22.49	0.177	2.00	Pass
			RB1#5	22.49	-0.15	22.34	0.171	2.00	Pass
			RB3#0	22.53	-0.15	22.38	0.173	2.00	Pass
			RB3#2	22.58	-0.15	22.43	0.175	2.00	Pass
			RB3#3	22.56	-0.15	22.41	0.174	2.00	Pass
			RB6#0	21.58	-0.15	21.43	0.139	2.00	Pass
		16-QAM	RB1#0	21.64	-0.15	21.49	0.141	2.00	Pass
			RB1#3	21.74	-0.15	21.59	0.144	2.00	Pass
			RB1#5	21.63	-0.15	21.48	0.141	2.00	Pass
			RB3#0	21.61	-0.15	21.46	0.140	2.00	Pass
			RB3#2	21.59	-0.15	21.44	0.139	2.00	Pass
			RB3#3	21.6	-0.15	21.45	0.140	2.00	Pass
			RB6#0	20.73	-0.15	20.58	0.114	2.00	Pass
	MCH	QPSK	RB1#0	22.29	-0.15	22.14	0.164	2.00	Pass
			RB1#3	22.46	-0.15	22.31	0.170	2.00	Pass
			RB1#5	22.3	-0.15	22.15	0.164	2.00	Pass
			RB3#0	22.37	-0.15	22.22	0.167	2.00	Pass
			RB3#2	22.44	-0.15	22.29	0.169	2.00	Pass
			RB3#3	22.37	-0.15	22.22	0.167	2.00	Pass
			RB6#0	21.36	-0.15	21.21	0.132	2.00	Pass
		16-QAM	RB1#0	21.74	-0.15	21.59	0.144	2.00	Pass
			RB1#3	21.8	-0.15	21.65	0.146	2.00	Pass
			RB1#5	21.67	-0.15	21.52	0.142	2.00	Pass
			RB3#0	21.59	-0.15	21.44	0.139	2.00	Pass
			RB3#2	21.58	-0.15	21.43	0.139	2.00	Pass
			RB3#3	21.58	-0.15	21.43	0.139	2.00	Pass
			RB6#0	20.27	-0.15	20.12	0.103	2.00	Pass
	HCH	QPSK	RB1#0	22.29	-0.15	22.14	0.164	2.00	Pass
			RB1#3	22.45	-0.15	22.30	0.170	2.00	Pass
			RB1#5	22.25	-0.15	22.10	0.162	2.00	Pass
			RB3#0	22.4	-0.15	22.25	0.168	2.00	Pass
			RB3#2	22.4	-0.15	22.25	0.168	2.00	Pass
			RB3#3	22.37	-0.15	22.22	0.167	2.00	Pass
			RB6#0	21.33	-0.15	21.18	0.131	2.00	Pass
		16-QAM	RB1#0	21.34	-0.15	21.19	0.132	2.00	Pass
			RB1#3	21.5	-0.15	21.35	0.136	2.00	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 BAND2									
			RB1#5	21.34	-0.15	21.19	0.132	2.00	Pass
			RB3#0	21.51	-0.15	21.36	0.137	2.00	Pass
			RB3#2	21.58	-0.15	21.43	0.139	2.00	Pass
			RB3#3	21.54	-0.15	21.39	0.138	2.00	Pass
			RB6#0	20.52	-0.15	20.37	0.109	2.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.64	-0.15	22.49	0.177	2.00	Pass
			RB1#7	22.58	-0.15	22.43	0.175	2.00	Pass
			RB1#14	22.57	-0.15	22.42	0.175	2.00	Pass
			RB8#0	21.63	-0.15	21.48	0.141	2.00	Pass
			RB8#4	21.69	-0.15	21.54	0.143	2.00	Pass
			RB8#7	21.62	-0.15	21.47	0.140	2.00	Pass
			RB15#0	21.62	-0.15	21.47	0.140	2.00	Pass
		16-QAM	RB1#0	21.59	-0.15	21.44	0.139	2.00	Pass
			RB1#7	21.56	-0.15	21.41	0.138	2.00	Pass
			RB1#14	21.51	-0.15	21.36	0.137	2.00	Pass
			RB8#0	20.75	-0.15	20.60	0.115	2.00	Pass
			RB8#4	20.76	-0.15	20.61	0.115	2.00	Pass
			RB8#7	20.72	-0.15	20.57	0.114	2.00	Pass
			RB15#0	20.67	-0.15	20.52	0.113	2.00	Pass
	MCH	QPSK	RB1#0	22.41	-0.15	22.26	0.168	2.00	Pass
			RB1#7	22.43	-0.15	22.28	0.169	2.00	Pass
			RB1#14	22.43	-0.15	22.28	0.169	2.00	Pass
			RB8#0	21.45	-0.15	21.30	0.135	2.00	Pass
			RB8#4	21.49	-0.15	21.34	0.136	2.00	Pass
			RB8#7	21.41	-0.15	21.26	0.134	2.00	Pass
			RB15#0	21.46	-0.15	21.31	0.135	2.00	Pass
		16-QAM	RB1#0	21.84	-0.15	21.69	0.148	2.00	Pass
			RB1#7	21.83	-0.15	21.68	0.147	2.00	Pass
			RB1#14	21.81	-0.15	21.66	0.147	2.00	Pass
			RB8#0	20.56	-0.15	20.41	0.110	2.00	Pass
			RB8#4	20.59	-0.15	20.44	0.111	2.00	Pass
			RB8#7	20.54	-0.15	20.39	0.109	2.00	Pass
			RB15#0	20.45	-0.15	20.30	0.107	2.00	Pass
	HCH	QPSK	RB1#0	22.37	-0.15	22.22	0.167	2.00	Pass
			RB1#7	22.4	-0.15	22.25	0.168	2.00	Pass
			RB1#14	22.39	-0.15	22.24	0.167	2.00	Pass
			RB8#0	21.37	-0.15	21.22	0.132	2.00	Pass
			RB8#4	21.45	-0.15	21.30	0.135	2.00	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 BAND2									
			RB8#7	21.39	-0.15	21.24	0.133	2.00	Pass
			RB15#0	21.38	-0.15	21.23	0.133	2.00	Pass
		16-QAM	RB1#0	21.47	-0.15	21.32	0.136	2.00	Pass
			RB1#7	21.44	-0.15	21.29	0.135	2.00	Pass
			RB1#14	21.39	-0.15	21.24	0.133	2.00	Pass
			RB8#0	20.42	-0.15	20.27	0.106	2.00	Pass
			RB8#4	20.5	-0.15	20.35	0.108	2.00	Pass
			RB8#7	20.42	-0.15	20.27	0.106	2.00	Pass
			RB15#0	20.35	-0.15	20.20	0.105	2.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.53	-0.15	22.38	0.173	2.00	Pass
			RB1#13	22.67	-0.15	22.52	0.179	2.00	Pass
			RB1#24	22.51	-0.15	22.36	0.172	2.00	Pass
			RB12#0	21.55	-0.15	21.40	0.138	2.00	Pass
			RB12#6	21.67	-0.15	21.52	0.142	2.00	Pass
			RB12#13	21.61	-0.15	21.46	0.140	2.00	Pass
			RB25#0	21.57	-0.15	21.42	0.139	2.00	Pass
		16-QAM	RB1#0	21.72	-0.15	21.57	0.144	2.00	Pass
			RB1#13	21.83	-0.15	21.68	0.147	2.00	Pass
			RB1#24	21.68	-0.15	21.53	0.142	2.00	Pass
			RB12#0	20.65	-0.15	20.50	0.112	2.00	Pass
			RB12#6	20.73	-0.15	20.58	0.114	2.00	Pass
			RB12#13	20.66	-0.15	20.51	0.112	2.00	Pass
			RB25#0	20.63	-0.15	20.48	0.112	2.00	Pass
	MCH	QPSK	RB1#0	22.37	-0.15	22.22	0.167	2.00	Pass
			RB1#13	22.43	-0.15	22.28	0.169	2.00	Pass
			RB1#24	22.32	-0.15	22.17	0.165	2.00	Pass
			RB12#0	21.41	-0.15	21.26	0.134	2.00	Pass
			RB12#6	21.49	-0.15	21.34	0.136	2.00	Pass
			RB12#13	21.35	-0.15	21.20	0.132	2.00	Pass
			RB25#0	21.42	-0.15	21.27	0.134	2.00	Pass
		16-QAM	RB1#0	21.88	-0.15	21.73	0.149	2.00	Pass
			RB1#13	21.93	-0.15	21.78	0.151	2.00	Pass
			RB1#24	21.77	-0.15	21.62	0.145	2.00	Pass
			RB12#0	20.55	-0.15	20.40	0.110	2.00	Pass
			RB12#6	20.63	-0.15	20.48	0.112	2.00	Pass
			RB12#13	20.52	-0.15	20.37	0.109	2.00	Pass
			RB25#0	20.49	-0.15	20.34	0.108	2.00	Pass
	HCH	QPSK	RB1#0	22.28	-0.15	22.13	0.163	2.00	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 BAND2									
			RB1#13	22.41	-0.15	22.26	0.168	2.00	Pass
			RB1#24	22.27	-0.15	22.12	0.163	2.00	Pass
			RB12#0	21.39	-0.15	21.24	0.133	2.00	Pass
			RB12#6	21.44	-0.15	21.29	0.135	2.00	Pass
			RB12#13	21.35	-0.15	21.20	0.132	2.00	Pass
			RB25#0	21.36	-0.15	21.21	0.132	2.00	Pass
		16-QAM	RB1#0	21.45	-0.15	21.30	0.135	2.00	Pass
			RB1#13	21.58	-0.15	21.43	0.139	2.00	Pass
			RB1#24	21.45	-0.15	21.30	0.135	2.00	Pass
			RB12#0	20.44	-0.15	20.29	0.107	2.00	Pass
			RB12#6	20.51	-0.15	20.36	0.109	2.00	Pass
			RB12#13	20.44	-0.15	20.29	0.107	2.00	Pass
			RB25#0	20.37	-0.15	20.22	0.105	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.55	-0.15	22.40	0.174	2.00	Pass
			RB1#25	22.75	-0.15	22.60	0.182	2.00	Pass
			RB1#49	22.54	-0.15	22.39	0.173	2.00	Pass
			RB25#0	21.56	-0.15	21.41	0.138	2.00	Pass
			RB25#13	21.64	-0.15	21.49	0.141	2.00	Pass
			RB25#25	21.58	-0.15	21.43	0.139	2.00	Pass
			RB50#0	21.61	-0.15	21.46	0.140	2.00	Pass
		16-QAM	RB1#0	21.53	-0.15	21.38	0.137	2.00	Pass
			RB1#25	21.69	-0.15	21.54	0.143	2.00	Pass
			RB1#49	21.48	-0.15	21.33	0.136	2.00	Pass
			RB25#0	20.61	-0.15	20.46	0.111	2.00	Pass
			RB25#13	20.69	-0.15	20.54	0.113	2.00	Pass
			RB25#25	20.64	-0.15	20.49	0.112	2.00	Pass
			RB50#0	20.58	-0.15	20.43	0.110	2.00	Pass
	MCH	QPSK	RB1#0	22.41	-0.15	22.26	0.168	2.00	Pass
			RB1#25	22.57	-0.15	22.42	0.175	2.00	Pass
			RB1#49	22.34	-0.15	22.19	0.166	2.00	Pass
			RB25#0	21.48	-0.15	21.33	0.136	2.00	Pass
			RB25#13	21.48	-0.15	21.33	0.136	2.00	Pass
			RB25#25	21.4	-0.15	21.25	0.133	2.00	Pass
			RB50#0	21.44	-0.15	21.29	0.135	2.00	Pass
		16-QAM	RB1#0	21.82	-0.15	21.67	0.147	2.00	Pass
			RB1#25	21.98	-0.15	21.83	0.152	2.00	Pass
			RB1#49	21.76	-0.15	21.61	0.145	2.00	Pass
			RB25#0	20.52	-0.15	20.37	0.109	2.00	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 BAND2									
			RB25#13	20.56	-0.15	20.41	0.110	2.00	Pass
			RB25#25	20.46	-0.15	20.31	0.107	2.00	Pass
			RB50#0	20.5	-0.15	20.35	0.108	2.00	Pass
	HCH	QPSK	RB1#0	22.4	-0.15	22.25	0.168	2.00	Pass
			RB1#25	22.59	-0.15	22.44	0.175	2.00	Pass
			RB1#49	22.41	-0.15	22.26	0.168	2.00	Pass
			RB25#0	21.45	-0.15	21.30	0.135	2.00	Pass
			RB25#13	21.43	-0.15	21.28	0.134	2.00	Pass
			RB25#25	21.37	-0.15	21.22	0.132	2.00	Pass
			RB50#0	21.43	-0.15	21.28	0.134	2.00	Pass
		16-QAM	RB1#0	21.41	-0.15	21.26	0.134	2.00	Pass
			RB1#25	21.66	-0.15	21.51	0.142	2.00	Pass
			RB1#49	21.43	-0.15	21.28	0.134	2.00	Pass
			RB25#0	20.57	-0.15	20.42	0.110	2.00	Pass
			RB25#13	20.54	-0.15	20.39	0.109	2.00	Pass
			RB25#25	20.45	-0.15	20.30	0.107	2.00	Pass
			RB50#0	20.49	-0.15	20.34	0.108	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.5	-0.15	22.35	0.172	2.00	Pass
			RB1#38	22.61	-0.15	22.46	0.176	2.00	Pass
			RB1#74	22.45	-0.15	22.30	0.170	2.00	Pass
			RB36#0	21.66	-0.15	21.51	0.142	2.00	Pass
			RB36#19	21.7	-0.15	21.55	0.143	2.00	Pass
			RB36#39	21.64	-0.15	21.49	0.141	2.00	Pass
			RB75#0	21.63	-0.15	21.48	0.141	2.00	Pass
		16-QAM	RB1#0	21.49	-0.15	21.34	0.136	2.00	Pass
			RB1#38	21.58	-0.15	21.43	0.139	2.00	Pass
			RB1#74	21.41	-0.15	21.26	0.134	2.00	Pass
			RB36#0	20.6	-0.15	20.45	0.111	2.00	Pass
			RB36#19	20.65	-0.15	20.50	0.112	2.00	Pass
			RB36#39	20.62	-0.15	20.47	0.111	2.00	Pass
			RB75#0	20.63	-0.15	20.48	0.112	2.00	Pass
	MCH	QPSK	RB1#0	22.38	-0.15	22.23	0.167	2.00	Pass
			RB1#38	22.47	-0.15	22.32	0.171	2.00	Pass
			RB1#74	22.28	-0.15	22.13	0.163	2.00	Pass
			RB36#0	21.5	-0.15	21.35	0.136	2.00	Pass
			RB36#19	21.48	-0.15	21.33	0.136	2.00	Pass
			RB36#39	21.42	-0.15	21.27	0.134	2.00	Pass
			RB75#0	21.45	-0.15	21.30	0.135	2.00	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 BAND2									
			RB1#0	21.79	-0.15	21.64	0.146	2.00	Pass
			RB1#38	21.85	-0.15	21.70	0.148	2.00	Pass
			RB1#74	21.64	-0.15	21.49	0.141	2.00	Pass
		16-QAM	RB36#0	20.52	-0.15	20.37	0.109	2.00	Pass
			RB36#19	20.51	-0.15	20.36	0.109	2.00	Pass
			RB36#39	20.45	-0.15	20.30	0.107	2.00	Pass
			RB75#0	20.49	-0.15	20.34	0.108	2.00	Pass
	HCH		RB1#0	22.3	-0.15	22.15	0.164	2.00	Pass
			RB1#38	22.46	-0.15	22.31	0.170	2.00	Pass
			RB1#74	22.32	-0.15	22.17	0.165	2.00	Pass
		QPSK	RB36#0	21.49	-0.15	21.34	0.136	2.00	Pass
			RB36#19	21.49	-0.15	21.34	0.136	2.00	Pass
			RB36#39	21.37	-0.15	21.22	0.132	2.00	Pass
			RB75#0	21.41	-0.15	21.26	0.134	2.00	Pass
			RB1#0	21.71	-0.15	21.56	0.143	2.00	Pass
			RB1#38	21.91	-0.15	21.76	0.150	2.00	Pass
			RB1#74	21.8	-0.15	21.65	0.146	2.00	Pass
		16-QAM	RB36#0	20.47	-0.15	20.32	0.108	2.00	Pass
			RB36#19	20.42	-0.15	20.27	0.106	2.00	Pass
			RB36#39	20.36	-0.15	20.21	0.105	2.00	Pass
			RB75#0	20.42	-0.15	20.27	0.106	2.00	Pass
20 MHz	LCH		RB1#0	22.37	-0.15	22.22	0.167	2.00	Pass
			RB1#50	22.8	-0.15	22.65	0.184	2.00	Pass
			RB1#99	22.28	-0.15	22.13	0.163	2.00	Pass
		QPSK	RB50#0	21.59	-0.15	21.44	0.139	2.00	Pass
			RB50#25	21.66	-0.15	21.51	0.142	2.00	Pass
			RB50#50	21.55	-0.15	21.40	0.138	2.00	Pass
			RB100#0	21.61	-0.15	21.46	0.140	2.00	Pass
			RB1#0	21.9	-0.15	21.75	0.150	2.00	Pass
			RB1#50	22.23	-0.15	22.08	0.161	2.00	Pass
			RB1#99	21.83	-0.15	21.68	0.147	2.00	Pass
		16-QAM	RB50#0	20.63	-0.15	20.48	0.112	2.00	Pass
			RB50#25	20.69	-0.15	20.54	0.113	2.00	Pass
			RB50#50	20.64	-0.15	20.49	0.112	2.00	Pass
			RB100#0	20.65	-0.15	20.50	0.112	2.00	Pass
	MCH		RB1#0	22.3	-0.15	22.15	0.164	2.00	Pass
		QPSK	RB1#50	22.64	-0.15	22.49	0.177	2.00	Pass
			RB1#99	22.16	-0.15	22.01	0.159	2.00	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 BAND2									
			RB50#0	21.53	-0.15	21.38	0.137	2.00	Pass
			RB50#25	21.47	-0.15	21.32	0.136	2.00	Pass
			RB50#50	21.41	-0.15	21.26	0.134	2.00	Pass
			RB100#0	21.49	-0.15	21.34	0.136	2.00	Pass
		16-QAM	RB1#0	21.72	-0.15	21.57	0.144	2.00	Pass
			RB1#50	22.11	-0.15	21.96	0.157	2.00	Pass
			RB1#99	21.57	-0.15	21.42	0.139	2.00	Pass
			RB50#0	20.57	-0.15	20.42	0.110	2.00	Pass
			RB50#25	20.5	-0.15	20.35	0.108	2.00	Pass
			RB50#50	20.42	-0.15	20.27	0.106	2.00	Pass
			RB100#0	20.51	-0.15	20.36	0.109	2.00	Pass
	HCH	QPSK	RB1#0	22.09	-0.15	21.94	0.156	2.00	Pass
			RB1#50	22.56	-0.15	22.41	0.174	2.00	Pass
			RB1#99	22.11	-0.15	21.96	0.157	2.00	Pass
			RB50#0	21.46	-0.15	21.31	0.135	2.00	Pass
			RB50#25	21.44	-0.15	21.29	0.135	2.00	Pass
			RB50#50	21.29	-0.15	21.14	0.130	2.00	Pass
			RB100#0	21.42	-0.15	21.27	0.134	2.00	Pass
		16-QAM	RB1#0	21.51	-0.15	21.36	0.137	2.00	Pass
			RB1#50	21.97	-0.15	21.82	0.152	2.00	Pass
			RB1#99	21.58	-0.15	21.43	0.139	2.00	Pass
			RB50#0	20.44	-0.15	20.29	0.107	2.00	Pass
			RB50#25	20.43	-0.15	20.28	0.107	2.00	Pass
			RB50#50	20.28	-0.15	20.13	0.103	2.00	Pass
			RB100#0	20.43	-0.15	20.28	0.107	2.00	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 BAND4									
1.4 MHz	LCH	QPSK	RB1#0	22.83	-0.46	22.37	0.173	1.000	Pass
			RB1#3	22.98	-0.46	22.52	0.179	1.000	Pass
			RB1#5	22.8	-0.46	22.34	0.171	1.000	Pass
			RB3#0	22.91	-0.46	22.45	0.176	1.000	Pass
			RB3#2	22.95	-0.46	22.49	0.177	1.000	Pass
			RB3#3	22.91	-0.46	22.45	0.176	1.000	Pass
			RB6#0	21.88	-0.46	21.42	0.139	1.000	Pass
		16-QAM	RB1#0	21.93	-0.46	21.47	0.140	1.000	Pass
			RB1#3	22.14	-0.46	21.68	0.147	1.000	Pass
			RB1#5	21.95	-0.46	21.49	0.141	1.000	Pass
			RB3#0	21.96	-0.46	21.50	0.141	1.000	Pass
			RB3#2	21.98	-0.46	21.52	0.142	1.000	Pass
			RB3#3	21.94	-0.46	21.48	0.141	1.000	Pass
			RB6#0	21.04	-0.46	20.58	0.114	1.000	Pass
	MCH	QPSK	RB1#0	22.74	-0.46	22.28	0.169	1.000	Pass
			RB1#3	23.02	-0.46	22.56	0.180	1.000	Pass
			RB1#5	22.75	-0.46	22.29	0.169	1.000	Pass
			RB3#0	22.81	-0.46	22.35	0.172	1.000	Pass
			RB3#2	22.88	-0.46	22.42	0.175	1.000	Pass
			RB3#3	22.82	-0.46	22.36	0.172	1.000	Pass
			RB6#0	21.83	-0.46	21.37	0.137	1.000	Pass
		16-QAM	RB1#0	22.1	-0.46	21.64	0.146	1.000	Pass
			RB1#3	22.28	-0.46	21.82	0.152	1.000	Pass
			RB1#5	22.12	-0.46	21.66	0.147	1.000	Pass
			RB3#0	22	-0.46	21.54	0.143	1.000	Pass
			RB3#2	22.03	-0.46	21.57	0.144	1.000	Pass
			RB3#3	22.03	-0.46	21.57	0.144	1.000	Pass
			RB6#0	20.7	-0.46	20.24	0.106	1.000	Pass
	HCH	QPSK	RB1#0	22.73	-0.46	22.27	0.169	1.000	Pass
			RB1#3	22.93	-0.46	22.47	0.177	1.000	Pass
			RB1#5	22.76	-0.46	22.30	0.170	1.000	Pass
			RB3#0	22.87	-0.46	22.41	0.174	1.000	Pass
			RB3#2	22.91	-0.46	22.45	0.176	1.000	Pass
			RB3#3	22.89	-0.46	22.43	0.175	1.000	Pass
			RB6#0	21.79	-0.46	21.33	0.136	1.000	Pass
		16-QAM	RB1#0	21.83	-0.46	21.37	0.137	1.000	Pass
			RB1#3	22.04	-0.46	21.58	0.144	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 BAND4									
			RB1#5	21.83	-0.46	21.37	0.137	1.000	Pass
			RB3#0	22.02	-0.46	21.56	0.143	1.000	Pass
			RB3#2	22.05	-0.46	21.59	0.144	1.000	Pass
			RB3#3	22.04	-0.46	21.58	0.144	1.000	Pass
			RB6#0	21.03	-0.46	20.57	0.114	1.000	Pass
3 MHz	LCH	QPSK	RB1#0	22.8	-0.46	22.34	0.171	1.000	Pass
			RB1#7	22.74	-0.46	22.28	0.169	1.000	Pass
			RB1#14	22.73	-0.46	22.27	0.169	1.000	Pass
			RB8#0	21.85	-0.46	21.39	0.138	1.000	Pass
			RB8#4	21.87	-0.46	21.41	0.138	1.000	Pass
			RB8#7	21.84	-0.46	21.38	0.137	1.000	Pass
			RB15#0	21.81	-0.46	21.35	0.136	1.000	Pass
		16-QAM	RB1#0	21.8	-0.46	21.34	0.136	1.000	Pass
			RB1#7	21.73	-0.46	21.27	0.134	1.000	Pass
			RB1#14	21.75	-0.46	21.29	0.135	1.000	Pass
			RB8#0	20.96	-0.46	20.50	0.112	1.000	Pass
			RB8#4	20.96	-0.46	20.50	0.112	1.000	Pass
			RB8#7	20.96	-0.46	20.50	0.112	1.000	Pass
			RB15#0	20.88	-0.46	20.42	0.110	1.000	Pass
	MCH	QPSK	RB1#0	22.75	-0.46	22.29	0.169	1.000	Pass
			RB1#7	22.72	-0.46	22.26	0.168	1.000	Pass
			RB1#14	22.7	-0.46	22.24	0.167	1.000	Pass
			RB8#0	21.73	-0.46	21.27	0.134	1.000	Pass
			RB8#4	21.8	-0.46	21.34	0.136	1.000	Pass
			RB8#7	21.75	-0.46	21.29	0.135	1.000	Pass
			RB15#0	21.76	-0.46	21.30	0.135	1.000	Pass
		16-QAM	RB1#0	22.12	-0.46	21.66	0.147	1.000	Pass
			RB1#7	22.14	-0.46	21.68	0.147	1.000	Pass
			RB1#14	22.11	-0.46	21.65	0.146	1.000	Pass
			RB8#0	20.87	-0.46	20.41	0.110	1.000	Pass
			RB8#4	20.87	-0.46	20.41	0.110	1.000	Pass
			RB8#7	20.82	-0.46	20.36	0.109	1.000	Pass
			RB15#0	20.77	-0.46	20.31	0.107	1.000	Pass
	HCH	QPSK	RB1#0	22.72	-0.46	22.26	0.168	1.000	Pass
			RB1#7	22.74	-0.46	22.28	0.169	1.000	Pass
			RB1#14	22.71	-0.46	22.25	0.168	1.000	Pass
			RB8#0	21.77	-0.46	21.31	0.135	1.000	Pass
			RB8#4	21.79	-0.46	21.33	0.136	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 BAND4									
			RB8#7	21.75	-0.46	21.29	0.135	1.000	Pass
			RB15#0	21.74	-0.46	21.28	0.134	1.000	Pass
		16-QAM	RB1#0	21.78	-0.46	21.32	0.136	1.000	Pass
			RB1#7	21.79	-0.46	21.33	0.136	1.000	Pass
			RB1#14	21.77	-0.46	21.31	0.135	1.000	Pass
			RB8#0	20.82	-0.46	20.36	0.109	1.000	Pass
			RB8#4	20.83	-0.46	20.37	0.109	1.000	Pass
			RB8#7	20.82	-0.46	20.36	0.109	1.000	Pass
			RB15#0	20.74	-0.46	20.28	0.107	1.000	Pass
5 MHz	LCH	QPSK	RB1#0	22.76	-0.46	22.30	0.170	1.000	Pass
			RB1#13	22.84	-0.46	22.38	0.173	1.000	Pass
			RB1#24	22.76	-0.46	22.30	0.170	1.000	Pass
			RB12#0	21.76	-0.46	21.30	0.135	1.000	Pass
			RB12#6	21.89	-0.46	21.43	0.139	1.000	Pass
			RB12#13	21.82	-0.46	21.36	0.137	1.000	Pass
			RB25#0	21.81	-0.46	21.35	0.136	1.000	Pass
		16-QAM	RB1#0	21.93	-0.46	21.47	0.140	1.000	Pass
			RB1#13	22.03	-0.46	21.57	0.144	1.000	Pass
			RB1#24	21.96	-0.46	21.50	0.141	1.000	Pass
			RB12#0	20.85	-0.46	20.39	0.109	1.000	Pass
			RB12#6	20.96	-0.46	20.50	0.112	1.000	Pass
			RB12#13	20.85	-0.46	20.39	0.109	1.000	Pass
			RB25#0	20.82	-0.46	20.36	0.109	1.000	Pass
	MCH	QPSK	RB1#0	22.67	-0.46	22.21	0.166	1.000	Pass
			RB1#13	22.76	-0.46	22.30	0.170	1.000	Pass
			RB1#24	22.64	-0.46	22.18	0.165	1.000	Pass
			RB12#0	21.72	-0.46	21.26	0.134	1.000	Pass
			RB12#6	21.79	-0.46	21.33	0.136	1.000	Pass
			RB12#13	21.69	-0.46	21.23	0.133	1.000	Pass
			RB25#0	21.71	-0.46	21.25	0.133	1.000	Pass
		16-QAM	RB1#0	22.15	-0.46	21.69	0.148	1.000	Pass
			RB1#13	22.28	-0.46	21.82	0.152	1.000	Pass
			RB1#24	22.14	-0.46	21.68	0.147	1.000	Pass
			RB12#0	20.87	-0.46	20.41	0.110	1.000	Pass
			RB12#6	20.92	-0.46	20.46	0.111	1.000	Pass
			RB12#13	20.85	-0.46	20.39	0.109	1.000	Pass
			RB25#0	20.79	-0.46	20.33	0.108	1.000	Pass
	HCH	QPSK	RB1#0	22.63	-0.46	22.17	0.165	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 BAND4									
			RB1#13	22.74	-0.46	22.28	0.169	1.000	Pass
			RB1#24	22.71	-0.46	22.25	0.168	1.000	Pass
			RB12#0	21.69	-0.46	21.23	0.133	1.000	Pass
			RB12#6	21.83	-0.46	21.37	0.137	1.000	Pass
			RB12#13	21.74	-0.46	21.28	0.134	1.000	Pass
			RB25#0	21.72	-0.46	21.26	0.134	1.000	Pass
		16-QAM	RB1#0	21.8	-0.46	21.34	0.136	1.000	Pass
			RB1#13	21.92	-0.46	21.46	0.140	1.000	Pass
			RB1#24	21.84	-0.46	21.38	0.137	1.000	Pass
			RB12#0	20.74	-0.46	20.28	0.107	1.000	Pass
			RB12#6	20.89	-0.46	20.43	0.110	1.000	Pass
			RB12#13	20.79	-0.46	20.33	0.108	1.000	Pass
			RB25#0	20.7	-0.46	20.24	0.106	1.000	Pass
10 MHz	LCH	QPSK	RB1#0	22.77	-0.46	22.31	0.170	1.000	Pass
			RB1#25	22.91	-0.46	22.45	0.176	1.000	Pass
			RB1#49	22.77	-0.46	22.31	0.170	1.000	Pass
			RB25#0	21.84	-0.46	21.38	0.137	1.000	Pass
			RB25#13	21.87	-0.46	21.41	0.138	1.000	Pass
			RB25#25	21.85	-0.46	21.39	0.138	1.000	Pass
			RB50#0	21.86	-0.46	21.40	0.138	1.000	Pass
		16-QAM	RB1#0	21.82	-0.46	21.36	0.137	1.000	Pass
			RB1#25	21.94	-0.46	21.48	0.141	1.000	Pass
			RB1#49	21.72	-0.46	21.26	0.134	1.000	Pass
			RB25#0	20.85	-0.46	20.39	0.109	1.000	Pass
			RB25#13	20.9	-0.46	20.44	0.111	1.000	Pass
			RB25#25	20.89	-0.46	20.43	0.110	1.000	Pass
			RB50#0	20.85	-0.46	20.39	0.109	1.000	Pass
	MCH	QPSK	RB1#0	22.73	-0.46	22.27	0.169	1.000	Pass
			RB1#25	22.86	-0.46	22.40	0.174	1.000	Pass
			RB1#49	22.69	-0.46	22.23	0.167	1.000	Pass
			RB25#0	21.78	-0.46	21.32	0.136	1.000	Pass
			RB25#13	21.79	-0.46	21.33	0.136	1.000	Pass
			RB25#25	21.76	-0.46	21.30	0.135	1.000	Pass
			RB50#0	21.74	-0.46	21.28	0.134	1.000	Pass
		16-QAM	RB1#0	22.11	-0.46	21.65	0.146	1.000	Pass
			RB1#25	22.28	-0.46	21.82	0.152	1.000	Pass
			RB1#49	22.1	-0.46	21.64	0.146	1.000	Pass
			RB25#0	20.81	-0.46	20.35	0.108	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 BAND4									
			RB25#13	20.86	-0.46	20.40	0.110	1.000	Pass
			RB25#25	20.78	-0.46	20.32	0.108	1.000	Pass
			RB50#0	20.79	-0.46	20.33	0.108	1.000	Pass
	HCH	QPSK	RB1#0	22.71	-0.46	22.25	0.168	1.000	Pass
			RB1#25	22.87	-0.46	22.41	0.174	1.000	Pass
			RB1#49	22.71	-0.46	22.25	0.168	1.000	Pass
			RB25#0	21.73	-0.46	21.27	0.134	1.000	Pass
			RB25#13	21.75	-0.46	21.29	0.135	1.000	Pass
			RB25#25	21.74	-0.46	21.28	0.134	1.000	Pass
			RB50#0	21.73	-0.46	21.27	0.134	1.000	Pass
		16-QAM	RB1#0	21.75	-0.46	21.29	0.135	1.000	Pass
			RB1#25	22.01	-0.46	21.55	0.143	1.000	Pass
			RB1#49	21.77	-0.46	21.31	0.135	1.000	Pass
			RB25#0	20.88	-0.46	20.42	0.110	1.000	Pass
			RB25#13	20.86	-0.46	20.40	0.110	1.000	Pass
			RB25#25	20.85	-0.46	20.39	0.109	1.000	Pass
			RB50#0	20.79	-0.46	20.33	0.108	1.000	Pass
15 MHz	LCH	QPSK	RB1#0	22.65	-0.46	22.19	0.166	1.000	Pass
			RB1#38	22.79	-0.46	22.33	0.171	1.000	Pass
			RB1#74	22.56	-0.46	22.10	0.162	1.000	Pass
			RB36#0	21.81	-0.46	21.35	0.136	1.000	Pass
			RB36#19	21.86	-0.46	21.40	0.138	1.000	Pass
			RB36#39	21.84	-0.46	21.38	0.137	1.000	Pass
			RB75#0	21.88	-0.46	21.42	0.139	1.000	Pass
		16-QAM	RB1#0	21.67	-0.46	21.21	0.132	1.000	Pass
			RB1#38	21.79	-0.46	21.33	0.136	1.000	Pass
			RB1#74	21.65	-0.46	21.19	0.132	1.000	Pass
			RB36#0	20.75	-0.46	20.29	0.107	1.000	Pass
			RB36#19	20.85	-0.46	20.39	0.109	1.000	Pass
			RB36#39	20.83	-0.46	20.37	0.109	1.000	Pass
			RB75#0	20.87	-0.46	20.41	0.110	1.000	Pass
	MCH	QPSK	RB1#0	22.64	-0.46	22.18	0.165	1.000	Pass
			RB1#38	22.76	-0.46	22.30	0.170	1.000	Pass
			RB1#74	22.57	-0.46	22.11	0.163	1.000	Pass
			RB36#0	21.79	-0.46	21.33	0.136	1.000	Pass
			RB36#19	21.78	-0.46	21.32	0.136	1.000	Pass
			RB36#39	21.74	-0.46	21.28	0.134	1.000	Pass
			RB75#0	21.78	-0.46	21.32	0.136	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 BAND4									
			RB1#0	22.03	-0.46	21.57	0.144	1.000	Pass
			RB1#38	22.1	-0.46	21.64	0.146	1.000	Pass
			RB1#74	21.97	-0.46	21.51	0.142	1.000	Pass
		16-QAM	RB36#0	20.81	-0.46	20.35	0.108	1.000	Pass
			RB36#19	20.87	-0.46	20.41	0.110	1.000	Pass
			RB36#39	20.75	-0.46	20.29	0.107	1.000	Pass
			RB75#0	20.79	-0.46	20.33	0.108	1.000	Pass
			RB1#0	22.62	-0.46	22.16	0.164	1.000	Pass
			RB1#38	22.74	-0.46	22.28	0.169	1.000	Pass
			RB1#74	22.64	-0.46	22.18	0.165	1.000	Pass
		QPSK	RB36#0	21.77	-0.46	21.31	0.135	1.000	Pass
			RB36#19	21.8	-0.46	21.34	0.136	1.000	Pass
			RB36#39	21.74	-0.46	21.28	0.134	1.000	Pass
	HCH		RB75#0	21.76	-0.46	21.30	0.135	1.000	Pass
			RB1#0	22.06	-0.46	21.60	0.145	1.000	Pass
			RB1#38	22.23	-0.46	21.77	0.150	1.000	Pass
			RB1#74	22.1	-0.46	21.64	0.146	1.000	Pass
		16-QAM	RB36#0	20.7	-0.46	20.24	0.106	1.000	Pass
			RB36#19	20.73	-0.46	20.27	0.106	1.000	Pass
			RB36#39	20.66	-0.46	20.20	0.105	1.000	Pass
			RB75#0	20.72	-0.46	20.26	0.106	1.000	Pass
			RB1#0	22.54	-0.46	22.08	0.161	1.000	Pass
			RB1#50	22.98	-0.46	22.52	0.179	1.000	Pass
			RB1#99	22.5	-0.46	22.04	0.160	1.000	Pass
		QPSK	RB50#0	21.78	-0.46	21.32	0.136	1.000	Pass
			RB50#25	21.83	-0.46	21.37	0.137	1.000	Pass
			RB50#50	21.85	-0.46	21.39	0.138	1.000	Pass
			RB100#0	21.81	-0.46	21.35	0.136	1.000	Pass
			RB1#0	22.08	-0.46	21.62	0.145	1.000	Pass
			RB1#50	22.46	-0.46	22.00	0.158	1.000	Pass
			RB1#99	22	-0.46	21.54	0.143	1.000	Pass
20 MHz	LCH	16-QAM	RB50#0	20.83	-0.46	20.37	0.109	1.000	Pass
			RB50#25	20.89	-0.46	20.43	0.110	1.000	Pass
			RB50#50	20.9	-0.46	20.44	0.111	1.000	Pass
			RB100#0	20.83	-0.46	20.37	0.109	1.000	Pass
			RB1#0	22.54	-0.46	22.08	0.161	1.000	Pass
	MCH	QPSK	RB1#50	22.94	-0.46	22.48	0.177	1.000	Pass
			RB1#99	22.46	-0.46	22.00	0.158	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 BAND4									
			RB50#0	21.74	-0.46	21.28	0.134	1.000	Pass
			RB50#25	21.8	-0.46	21.34	0.136	1.000	Pass
			RB50#50	21.73	-0.46	21.27	0.134	1.000	Pass
			RB100#0	21.74	-0.46	21.28	0.134	1.000	Pass
		16-QAM	RB1#0	22.01	-0.46	21.55	0.143	1.000	Pass
			RB1#50	22.34	-0.46	21.88	0.154	1.000	Pass
			RB1#99	21.89	-0.46	21.43	0.139	1.000	Pass
			RB50#0	20.77	-0.46	20.31	0.107	1.000	Pass
			RB50#25	20.8	-0.46	20.34	0.108	1.000	Pass
			RB50#50	20.77	-0.46	20.31	0.107	1.000	Pass
			RB100#0	20.78	-0.46	20.32	0.108	1.000	Pass
	HCH	QPSK	RB1#0	22.45	-0.46	21.99	0.158	1.000	Pass
			RB1#50	22.84	-0.46	22.38	0.173	1.000	Pass
			RB1#99	22.45	-0.46	21.99	0.158	1.000	Pass
			RB50#0	21.72	-0.46	21.26	0.134	1.000	Pass
			RB50#25	21.76	-0.46	21.30	0.135	1.000	Pass
			RB50#50	21.68	-0.46	21.22	0.132	1.000	Pass
			RB100#0	21.69	-0.46	21.23	0.133	1.000	Pass
		16-QAM	RB1#0	21.91	-0.46	21.45	0.140	1.000	Pass
			RB1#50	22.28	-0.46	21.82	0.152	1.000	Pass
			RB1#99	21.89	-0.46	21.43	0.139	1.000	Pass
			RB50#0	20.72	-0.46	20.26	0.106	1.000	Pass
			RB50#25	20.76	-0.46	20.30	0.107	1.000	Pass
			RB50#50	20.7	-0.46	20.24	0.106	1.000	Pass
			RB100#0	20.76	-0.46	20.30	0.107	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
1.4 MHz	LCH	QPSK	RB1#0	22.23	-1.05	-3.2	19.03	0.080	7.00	Pass
			RB1#3	22.43	-1.05	-3.2	19.23	0.084	7.00	Pass
			RB1#5	22.27	-1.05	-3.2	19.07	0.081	7.00	Pass
			RB3#0	22.34	-1.05	-3.2	19.14	0.082	7.00	Pass
			RB3#2	22.36	-1.05	-3.2	19.16	0.082	7.00	Pass
			RB3#3	22.34	-1.05	-3.2	19.14	0.082	7.00	Pass
			RB6#0	21.34	-1.05	-3.2	18.14	0.065	7.00	Pass
		16-QAM	RB1#0	21.35	-1.05	-3.2	18.15	0.065	7.00	Pass
			RB1#3	21.53	-1.05	-3.2	18.33	0.068	7.00	Pass
			RB1#5	21.4	-1.05	-3.2	18.20	0.066	7.00	Pass
			RB3#0	21.38	-1.05	-3.2	18.18	0.066	7.00	Pass
			RB3#2	21.4	-1.05	-3.2	18.20	0.066	7.00	Pass
			RB3#3	21.36	-1.05	-3.2	18.16	0.065	7.00	Pass
			RB6#0	20.5	-1.05	-3.2	17.30	0.054	7.00	Pass
	MCH	QPSK	RB1#0	22.33	-1.05	-3.2	19.13	0.082	7.00	Pass
			RB1#3	22.48	-1.05	-3.2	19.28	0.085	7.00	Pass
			RB1#5	22.3	-1.05	-3.2	19.10	0.081	7.00	Pass
			RB3#0	22.4	-1.05	-3.2	19.20	0.083	7.00	Pass
			RB3#2	22.44	-1.05	-3.2	19.24	0.084	7.00	Pass
			RB3#3	22.42	-1.05	-3.2	19.22	0.084	7.00	Pass
			RB6#0	21.4	-1.05	-3.2	18.20	0.066	7.00	Pass
		16-QAM	RB1#0	21.65	-1.05	-3.2	18.45	0.070	7.00	Pass
			RB1#3	21.87	-1.05	-3.2	18.67	0.074	7.00	Pass
			RB1#5	21.69	-1.05	-3.2	18.49	0.071	7.00	Pass
			RB3#0	21.58	-1.05	-3.2	18.38	0.069	7.00	Pass
			RB3#2	21.61	-1.05	-3.2	18.41	0.069	7.00	Pass
			RB3#3	21.57	-1.05	-3.2	18.37	0.069	7.00	Pass
			RB6#0	20.32	-1.05	-3.2	17.12	0.052	7.00	Pass
	HCH	QPSK	RB1#0	22.26	-1.05	-3.2	19.06	0.081	7.00	Pass
			RB1#3	22.45	-1.05	-3.2	19.25	0.084	7.00	Pass
			RB1#5	22.25	-1.05	-3.2	19.05	0.080	7.00	Pass
			RB3#0	22.31	-1.05	-3.2	19.11	0.081	7.00	Pass
			RB3#2	22.39	-1.05	-3.2	19.19	0.083	7.00	Pass
			RB3#3	22.35	-1.05	-3.2	19.15	0.082	7.00	Pass
			RB6#0	21.32	-1.05	-3.2	18.12	0.065	7.00	Pass
		16-QAM	RB1#0	21.27	-1.05	-3.2	18.07	0.064	7.00	Pass
			RB1#3	21.43	-1.05	-3.2	18.23	0.067	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB1#5	21.25	-1.05	-3.2	18.05	0.064	7.00	Pass
			RB3#0	21.45	-1.05	-3.2	18.25	0.067	7.00	Pass
			RB3#2	21.49	-1.05	-3.2	18.29	0.067	7.00	Pass
			RB3#3	21.46	-1.05	-3.2	18.26	0.067	7.00	Pass
			RB6#0	20.49	-1.05	-3.2	17.29	0.054	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.27	-1.05	-3.2	19.07	0.081	7.00	Pass
			RB1#7	22.28	-1.05	-3.2	19.08	0.081	7.00	Pass
			RB1#14	22.27	-1.05	-3.2	19.07	0.081	7.00	Pass
			RB8#0	21.29	-1.05	-3.2	18.09	0.064	7.00	Pass
			RB8#4	21.39	-1.05	-3.2	18.19	0.066	7.00	Pass
			RB8#7	21.29	-1.05	-3.2	18.09	0.064	7.00	Pass
			RB15#0	21.25	-1.05	-3.2	18.05	0.064	7.00	Pass
		16-QAM	RB1#0	21.17	-1.05	-3.2	17.97	0.063	7.00	Pass
			RB1#7	21.23	-1.05	-3.2	18.03	0.064	7.00	Pass
			RB1#14	21.25	-1.05	-3.2	18.05	0.064	7.00	Pass
			RB8#0	20.4	-1.05	-3.2	17.20	0.052	7.00	Pass
			RB8#4	20.46	-1.05	-3.2	17.26	0.053	7.00	Pass
			RB8#7	20.41	-1.05	-3.2	17.21	0.053	7.00	Pass
			RB15#0	20.31	-1.05	-3.2	17.11	0.051	7.00	Pass
	MCH	QPSK	RB1#0	22.35	-1.05	-3.2	19.15	0.082	7.00	Pass
			RB1#7	22.33	-1.05	-3.2	19.13	0.082	7.00	Pass
			RB1#14	22.34	-1.05	-3.2	19.14	0.082	7.00	Pass
			RB8#0	21.38	-1.05	-3.2	18.18	0.066	7.00	Pass
			RB8#4	21.44	-1.05	-3.2	18.24	0.067	7.00	Pass
			RB8#7	21.4	-1.05	-3.2	18.20	0.066	7.00	Pass
			RB15#0	21.4	-1.05	-3.2	18.20	0.066	7.00	Pass
		16-QAM	RB1#0	21.71	-1.05	-3.2	18.51	0.071	7.00	Pass
			RB1#7	21.71	-1.05	-3.2	18.51	0.071	7.00	Pass
			RB1#14	21.72	-1.05	-3.2	18.52	0.071	7.00	Pass
			RB8#0	20.49	-1.05	-3.2	17.29	0.054	7.00	Pass
			RB8#4	20.53	-1.05	-3.2	17.33	0.054	7.00	Pass
			RB8#7	20.47	-1.05	-3.2	17.27	0.053	7.00	Pass
			RB15#0	20.42	-1.05	-3.2	17.22	0.053	7.00	Pass
	HCH	QPSK	RB1#0	22.35	-1.05	-3.2	19.15	0.082	7.00	Pass
			RB1#7	22.3	-1.05	-3.2	19.10	0.081	7.00	Pass
			RB1#14	22.25	-1.05	-3.2	19.05	0.080	7.00	Pass
			RB8#0	21.32	-1.05	-3.2	18.12	0.065	7.00	Pass
			RB8#4	21.34	-1.05	-3.2	18.14	0.065	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB8#7	21.28	-1.05	-3.2	18.08	0.064	7.00	Pass
			RB15#0	21.33	-1.05	-3.2	18.13	0.065	7.00	Pass
		16-QAM	RB1#0	21.33	-1.05	-3.2	18.13	0.065	7.00	Pass
			RB1#7	21.28	-1.05	-3.2	18.08	0.064	7.00	Pass
			RB1#14	21.27	-1.05	-3.2	18.07	0.064	7.00	Pass
			RB8#0	20.33	-1.05	-3.2	17.13	0.052	7.00	Pass
			RB8#4	20.4	-1.05	-3.2	17.20	0.052	7.00	Pass
			RB8#7	20.29	-1.05	-3.2	17.09	0.051	7.00	Pass
			RB15#0	20.25	-1.05	-3.2	17.05	0.051	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.16	-1.05	-3.2	18.96	0.079	7.00	Pass
			RB1#13	22.36	-1.05	-3.2	19.16	0.082	7.00	Pass
			RB1#24	22.24	-1.05	-3.2	19.04	0.080	7.00	Pass
			RB12#0	21.29	-1.05	-3.2	18.09	0.064	7.00	Pass
			RB12#6	21.38	-1.05	-3.2	18.18	0.066	7.00	Pass
			RB12#13	21.32	-1.05	-3.2	18.12	0.065	7.00	Pass
			RB25#0	21.32	-1.05	-3.2	18.12	0.065	7.00	Pass
		16-QAM	RB1#0	21.35	-1.05	-3.2	18.15	0.065	7.00	Pass
			RB1#13	21.54	-1.05	-3.2	18.34	0.068	7.00	Pass
			RB1#24	21.41	-1.05	-3.2	18.21	0.066	7.00	Pass
			RB12#0	20.36	-1.05	-3.2	17.16	0.052	7.00	Pass
			RB12#6	20.46	-1.05	-3.2	17.26	0.053	7.00	Pass
			RB12#13	20.35	-1.05	-3.2	17.15	0.052	7.00	Pass
			RB25#0	20.35	-1.05	-3.2	17.15	0.052	7.00	Pass
	MCH	QPSK	RB1#0	22.25	-1.05	-3.2	19.05	0.080	7.00	Pass
			RB1#13	22.39	-1.05	-3.2	19.19	0.083	7.00	Pass
			RB1#24	22.26	-1.05	-3.2	19.06	0.081	7.00	Pass
			RB12#0	21.36	-1.05	-3.2	18.16	0.065	7.00	Pass
			RB12#6	21.48	-1.05	-3.2	18.28	0.067	7.00	Pass
			RB12#13	21.38	-1.05	-3.2	18.18	0.066	7.00	Pass
			RB25#0	21.4	-1.05	-3.2	18.20	0.066	7.00	Pass
		16-QAM	RB1#0	21.82	-1.05	-3.2	18.62	0.073	7.00	Pass
			RB1#13	21.83	-1.05	-3.2	18.63	0.073	7.00	Pass
			RB1#24	21.76	-1.05	-3.2	18.56	0.072	7.00	Pass
			RB12#0	20.48	-1.05	-3.2	17.28	0.053	7.00	Pass
			RB12#6	20.56	-1.05	-3.2	17.36	0.054	7.00	Pass
			RB12#13	20.52	-1.05	-3.2	17.32	0.054	7.00	Pass
			RB25#0	20.48	-1.05	-3.2	17.28	0.053	7.00	Pass
	HCH	QPSK	RB1#0	22.25	-1.05	-3.2	19.05	0.080	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB1#13	22.33	-1.05	-3.2	19.13	0.082	7.00	Pass
			RB1#24	22.17	-1.05	-3.2	18.97	0.079	7.00	Pass
			RB12#0	21.33	-1.05	-3.2	18.13	0.065	7.00	Pass
			RB12#6	21.34	-1.05	-3.2	18.14	0.065	7.00	Pass
			RB12#13	21.28	-1.05	-3.2	18.08	0.064	7.00	Pass
			RB25#0	21.28	-1.05	-3.2	18.08	0.064	7.00	Pass
		16-QAM	RB1#0	21.34	-1.05	-3.2	18.14	0.065	7.00	Pass
			RB1#13	21.44	-1.05	-3.2	18.24	0.067	7.00	Pass
			RB1#24	21.3	-1.05	-3.2	18.10	0.065	7.00	Pass
			RB12#0	20.4	-1.05	-3.2	17.20	0.052	7.00	Pass
			RB12#6	20.38	-1.05	-3.2	17.18	0.052	7.00	Pass
			RB12#13	20.32	-1.05	-3.2	17.12	0.052	7.00	Pass
			RB25#0	20.25	-1.05	-3.2	17.05	0.051	7.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.22	-1.05	-3.2	19.02	0.080	7.00	Pass
			RB1#25	22.43	-1.05	-3.2	19.23	0.084	7.00	Pass
			RB1#49	22.32	-1.05	-3.2	19.12	0.082	7.00	Pass
			RB25#0	21.36	-1.05	-3.2	18.16	0.065	7.00	Pass
			RB25#13	21.36	-1.05	-3.2	18.16	0.065	7.00	Pass
			RB25#25	21.41	-1.05	-3.2	18.21	0.066	7.00	Pass
			RB50#0	21.36	-1.05	-3.2	18.16	0.065	7.00	Pass
		16-QAM	RB1#0	21.18	-1.05	-3.2	17.98	0.063	7.00	Pass
			RB1#25	21.38	-1.05	-3.2	18.18	0.066	7.00	Pass
			RB1#49	21.29	-1.05	-3.2	18.09	0.064	7.00	Pass
			RB25#0	20.42	-1.05	-3.2	17.22	0.053	7.00	Pass
			RB25#13	20.39	-1.05	-3.2	17.19	0.052	7.00	Pass
			RB25#25	20.42	-1.05	-3.2	17.22	0.053	7.00	Pass
			RB50#0	20.4	-1.05	-3.2	17.20	0.052	7.00	Pass
	MCH	QPSK	RB1#0	22.3	-1.05	-3.2	19.10	0.081	7.00	Pass
			RB1#25	22.47	-1.05	-3.2	19.27	0.085	7.00	Pass
			RB1#49	22.28	-1.05	-3.2	19.08	0.081	7.00	Pass
			RB25#0	21.37	-1.05	-3.2	18.17	0.066	7.00	Pass
			RB25#13	21.41	-1.05	-3.2	18.21	0.066	7.00	Pass
			RB25#25	21.41	-1.05	-3.2	18.21	0.066	7.00	Pass
			RB50#0	21.39	-1.05	-3.2	18.19	0.066	7.00	Pass
		16-QAM	RB1#0	21.67	-1.05	-3.2	18.47	0.070	7.00	Pass
			RB1#25	21.8	-1.05	-3.2	18.60	0.072	7.00	Pass
			RB1#49	21.63	-1.05	-3.2	18.43	0.070	7.00	Pass
			RB25#0	20.44	-1.05	-3.2	17.24	0.053	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB25#13	20.47	-1.05	-3.2	17.27	0.053	7.00	Pass
			RB25#25	20.43	-1.05	-3.2	17.23	0.053	7.00	Pass
			RB50#0	20.41	-1.05	-3.2	17.21	0.053	7.00	Pass
	HCH	QPSK	RB1#0	22.29	-1.05	-3.2	19.09	0.081	7.00	Pass
			RB1#25	22.45	-1.05	-3.2	19.25	0.084	7.00	Pass
			RB1#49	22.22	-1.05	-3.2	19.02	0.080	7.00	Pass
			RB25#0	21.32	-1.05	-3.2	18.12	0.065	7.00	Pass
			RB25#13	21.32	-1.05	-3.2	18.12	0.065	7.00	Pass
			RB25#25	21.2	-1.05	-3.2	18.00	0.063	7.00	Pass
			RB50#0	21.27	-1.05	-3.2	18.07	0.064	7.00	Pass
		16-QAM	RB1#0	21.31	-1.05	-3.2	18.11	0.065	7.00	Pass
			RB1#25	21.4	-1.05	-3.2	18.20	0.066	7.00	Pass
			RB1#49	21.27	-1.05	-3.2	18.07	0.064	7.00	Pass
			RB25#0	20.43	-1.05	-3.2	17.23	0.053	7.00	Pass
			RB25#13	20.41	-1.05	-3.2	17.21	0.053	7.00	Pass
			RB25#25	20.31	-1.05	-3.2	17.11	0.051	7.00	Pass
			RB50#0	20.32	-1.05	-3.2	17.12	0.052	7.00	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 BAND7									
5 MHz	LCH	QPSK	RB1#0	22.46	-0.56	21.90	0.155	2.00	Pass
			RB1#13	22.58	-0.56	22.02	0.159	2.00	Pass
			RB1#24	22.48	-0.56	21.92	0.156	2.00	Pass
			RB12#0	21.56	-0.56	21.00	0.126	2.00	Pass
			RB12#6	21.65	-0.56	21.09	0.129	2.00	Pass
			RB12#13	21.6	-0.56	21.04	0.127	2.00	Pass
			RB25#0	21.56	-0.56	21.00	0.126	2.00	Pass
		16-QAM	RB1#0	21.68	-0.56	21.12	0.129	2.00	Pass
			RB1#13	21.76	-0.56	21.20	0.132	2.00	Pass
			RB1#24	21.62	-0.56	21.06	0.128	2.00	Pass
			RB12#0	20.63	-0.56	20.07	0.102	2.00	Pass
			RB12#6	20.7	-0.56	20.14	0.103	2.00	Pass
			RB12#13	20.67	-0.56	20.11	0.103	2.00	Pass
			RB25#0	20.62	-0.56	20.06	0.101	2.00	Pass
	MCH	QPSK	RB1#0	22.42	-0.56	21.86	0.153	2.00	Pass
			RB1#13	22.47	-0.56	21.91	0.155	2.00	Pass
			RB1#24	22.35	-0.56	21.79	0.151	2.00	Pass
			RB12#0	21.48	-0.56	20.92	0.124	2.00	Pass
			RB12#6	21.52	-0.56	20.96	0.125	2.00	Pass
			RB12#13	21.47	-0.56	20.91	0.123	2.00	Pass
			RB25#0	21.45	-0.56	20.89	0.123	2.00	Pass
		16-QAM	RB1#0	21.92	-0.56	21.36	0.137	2.00	Pass
			RB1#13	22.01	-0.56	21.45	0.140	2.00	Pass
			RB1#24	21.89	-0.56	21.33	0.136	2.00	Pass
			RB12#0	20.65	-0.56	20.09	0.102	2.00	Pass
			RB12#6	20.66	-0.56	20.10	0.102	2.00	Pass
			RB12#13	20.6	-0.56	20.04	0.101	2.00	Pass
			RB25#0	20.55	-0.56	19.99	0.100	2.00	Pass
	HCH	QPSK	RB1#0	22.09	-0.56	21.53	0.142	2.00	Pass
			RB1#13	22.14	-0.56	21.58	0.144	2.00	Pass
			RB1#24	22.02	-0.56	21.46	0.140	2.00	Pass
			RB12#0	21.16	-0.56	20.60	0.115	2.00	Pass
			RB12#6	21.17	-0.56	20.61	0.115	2.00	Pass
			RB12#13	21.09	-0.56	20.53	0.113	2.00	Pass
			RB25#0	21.15	-0.56	20.59	0.115	2.00	Pass
		16-QAM	RB1#0	21.22	-0.56	20.66	0.116	2.00	Pass
			RB1#13	21.29	-0.56	20.73	0.118	2.00	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 BAND7									
			RB1#24	21.17	-0.56	20.61	0.115	2.00	Pass
			RB12#0	20.25	-0.56	19.69	0.093	2.00	Pass
			RB12#6	20.26	-0.56	19.70	0.093	2.00	Pass
			RB12#13	20.13	-0.56	19.57	0.091	2.00	Pass
			RB25#0	20.13	-0.56	19.57	0.091	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.55	-0.56	21.99	0.158	2.00	Pass
			RB1#25	22.68	-0.56	22.12	0.163	2.00	Pass
			RB1#49	22.52	-0.56	21.96	0.157	2.00	Pass
			RB25#0	21.56	-0.56	21.00	0.126	2.00	Pass
			RB25#13	21.61	-0.56	21.05	0.127	2.00	Pass
			RB25#25	21.64	-0.56	21.08	0.128	2.00	Pass
			RB50#0	21.63	-0.56	21.07	0.128	2.00	Pass
		16-QAM	RB1#0	21.48	-0.56	20.92	0.124	2.00	Pass
			RB1#25	21.67	-0.56	21.11	0.129	2.00	Pass
			RB1#49	21.48	-0.56	20.92	0.124	2.00	Pass
			RB25#0	20.63	-0.56	20.07	0.102	2.00	Pass
			RB25#13	20.65	-0.56	20.09	0.102	2.00	Pass
			RB25#25	20.69	-0.56	20.13	0.103	2.00	Pass
			RB50#0	20.65	-0.56	20.09	0.102	2.00	Pass
	MCH	QPSK	RB1#0	22.5	-0.56	21.94	0.156	2.00	Pass
			RB1#25	22.61	-0.56	22.05	0.160	2.00	Pass
			RB1#49	22.45	-0.56	21.89	0.155	2.00	Pass
			RB25#0	21.52	-0.56	20.96	0.125	2.00	Pass
			RB25#13	21.5	-0.56	20.94	0.124	2.00	Pass
			RB25#25	21.54	-0.56	20.98	0.125	2.00	Pass
			RB50#0	21.56	-0.56	21.00	0.126	2.00	Pass
		16-QAM	RB1#0	21.88	-0.56	21.32	0.136	2.00	Pass
			RB1#25	22.03	-0.56	21.47	0.140	2.00	Pass
			RB1#49	21.79	-0.56	21.23	0.133	2.00	Pass
			RB25#0	20.6	-0.56	20.04	0.101	2.00	Pass
			RB25#13	20.61	-0.56	20.05	0.101	2.00	Pass
			RB25#25	20.59	-0.56	20.03	0.101	2.00	Pass
			RB50#0	20.59	-0.56	20.03	0.101	2.00	Pass
	HCH	QPSK	RB1#0	22.26	-0.56	21.70	0.148	2.00	Pass
			RB1#25	22.33	-0.56	21.77	0.150	2.00	Pass
			RB1#49	22.09	-0.56	21.53	0.142	2.00	Pass
			RB25#0	21.29	-0.56	20.73	0.118	2.00	Pass
			RB25#13	21.21	-0.56	20.65	0.116	2.00	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 BAND7									
			RB25#25	21.17	-0.56	20.61	0.115	2.00	Pass
			RB50#0	21.22	-0.56	20.66	0.116	2.00	Pass
		16-QAM	RB1#0	21.32	-0.56	20.76	0.119	2.00	Pass
			RB1#25	21.37	-0.56	20.81	0.121	2.00	Pass
			RB1#49	21.1	-0.56	20.54	0.113	2.00	Pass
			RB25#0	20.4	-0.56	19.84	0.096	2.00	Pass
			RB25#13	20.33	-0.56	19.77	0.095	2.00	Pass
			RB25#25	20.24	-0.56	19.68	0.093	2.00	Pass
			RB50#0	20.27	-0.56	19.71	0.094	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.48	-0.56	21.92	0.156	2.00	Pass
			RB1#38	22.58	-0.56	22.02	0.159	2.00	Pass
			RB1#74	22.39	-0.56	21.83	0.152	2.00	Pass
			RB36#0	21.59	-0.56	21.03	0.127	2.00	Pass
			RB36#19	21.69	-0.56	21.13	0.130	2.00	Pass
			RB36#39	21.64	-0.56	21.08	0.128	2.00	Pass
			RB75#0	21.62	-0.56	21.06	0.128	2.00	Pass
		16-QAM	RB1#0	21.39	-0.56	20.83	0.121	2.00	Pass
			RB1#38	21.54	-0.56	20.98	0.125	2.00	Pass
			RB1#74	21.36	-0.56	20.80	0.120	2.00	Pass
			RB36#0	20.56	-0.56	20.00	0.100	2.00	Pass
			RB36#19	20.65	-0.56	20.09	0.102	2.00	Pass
			RB36#39	20.6	-0.56	20.04	0.101	2.00	Pass
			RB75#0	20.64	-0.56	20.08	0.102	2.00	Pass
	MCH	QPSK	RB1#0	22.44	-0.56	21.88	0.154	2.00	Pass
			RB1#38	22.54	-0.56	21.98	0.158	2.00	Pass
			RB1#74	22.32	-0.56	21.76	0.150	2.00	Pass
			RB36#0	21.53	-0.56	20.97	0.125	2.00	Pass
			RB36#19	21.59	-0.56	21.03	0.127	2.00	Pass
			RB36#39	21.51	-0.56	20.95	0.124	2.00	Pass
			RB75#0	21.54	-0.56	20.98	0.125	2.00	Pass
		16-QAM	RB1#0	21.81	-0.56	21.25	0.133	2.00	Pass
			RB1#38	21.9	-0.56	21.34	0.136	2.00	Pass
			RB1#74	21.68	-0.56	21.12	0.129	2.00	Pass
			RB36#0	20.6	-0.56	20.04	0.101	2.00	Pass
			RB36#19	20.6	-0.56	20.04	0.101	2.00	Pass
			RB36#39	20.55	-0.56	19.99	0.100	2.00	Pass
			RB75#0	20.56	-0.56	20.00	0.100	2.00	Pass
	HCH	QPSK	RB1#0	22.18	-0.56	21.62	0.145	2.00	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 BAND7									
			RB1#38	22.24	-0.56	21.68	0.147	2.00	Pass
			RB1#74	21.99	-0.56	21.43	0.139	2.00	Pass
			RB36#0	21.33	-0.56	20.77	0.119	2.00	Pass
			RB36#19	21.34	-0.56	20.78	0.120	2.00	Pass
			RB36#39	21.19	-0.56	20.63	0.116	2.00	Pass
			RB75#0	21.22	-0.56	20.66	0.116	2.00	Pass
		16-QAM	RB1#0	21.58	-0.56	21.02	0.126	2.00	Pass
			RB1#38	21.65	-0.56	21.09	0.129	2.00	Pass
			RB1#74	21.42	-0.56	20.86	0.122	2.00	Pass
			RB36#0	20.26	-0.56	19.70	0.093	2.00	Pass
			RB36#19	20.27	-0.56	19.71	0.094	2.00	Pass
			RB36#39	20.17	-0.56	19.61	0.091	2.00	Pass
			RB75#0	20.25	-0.56	19.69	0.093	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	22.35	-0.56	21.79	0.151	2.00	Pass
			RB1#50	22.8	-0.56	22.24	0.167	2.00	Pass
			RB1#99	22.29	-0.56	21.73	0.149	2.00	Pass
			RB50#0	21.49	-0.56	20.93	0.124	2.00	Pass
			RB50#25	21.6	-0.56	21.04	0.127	2.00	Pass
			RB50#50	21.54	-0.56	20.98	0.125	2.00	Pass
			RB100#0	21.56	-0.56	21.00	0.126	2.00	Pass
		16-QAM	RB1#0	21.88	-0.56	21.32	0.136	2.00	Pass
			RB1#50	22.23	-0.56	21.67	0.147	2.00	Pass
			RB1#99	21.8	-0.56	21.24	0.133	2.00	Pass
			RB50#0	20.56	-0.56	20.00	0.100	2.00	Pass
			RB50#25	20.65	-0.56	20.09	0.102	2.00	Pass
			RB50#50	20.62	-0.56	20.06	0.101	2.00	Pass
			RB100#0	20.62	-0.56	20.06	0.101	2.00	Pass
	MCH	QPSK	RB1#0	22.31	-0.56	21.75	0.150	2.00	Pass
			RB1#50	22.7	-0.56	22.14	0.164	2.00	Pass
			RB1#99	22.11	-0.56	21.55	0.143	2.00	Pass
			RB50#0	21.45	-0.56	20.89	0.123	2.00	Pass
			RB50#25	21.52	-0.56	20.96	0.125	2.00	Pass
			RB50#50	21.47	-0.56	20.91	0.123	2.00	Pass
			RB100#0	21.5	-0.56	20.94	0.124	2.00	Pass
		16-QAM	RB1#0	21.77	-0.56	21.21	0.132	2.00	Pass
			RB1#50	22.15	-0.56	21.59	0.144	2.00	Pass
			RB1#99	21.55	-0.56	20.99	0.126	2.00	Pass
			RB50#0	20.52	-0.56	19.96	0.099	2.00	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 BAND7									
			RB50#25	20.56	-0.56	20.00	0.100	2.00	Pass
			RB50#50	20.52	-0.56	19.96	0.099	2.00	Pass
			RB100#0	20.52	-0.56	19.96	0.099	2.00	Pass
	HCH	QPSK	RB1#0	22.04	-0.56	21.48	0.141	2.00	Pass
			RB1#50	22.41	-0.56	21.85	0.153	2.00	Pass
			RB1#99	21.77	-0.56	21.21	0.132	2.00	Pass
			RB50#0	21.26	-0.56	20.70	0.117	2.00	Pass
			RB50#25	21.33	-0.56	20.77	0.119	2.00	Pass
			RB50#50	21.13	-0.56	20.57	0.114	2.00	Pass
			RB100#0	21.22	-0.56	20.66	0.116	2.00	Pass
		16-QAM	RB1#0	21.49	-0.56	20.93	0.124	2.00	Pass
			RB1#50	21.85	-0.56	21.29	0.135	2.00	Pass
			RB1#99	21.22	-0.56	20.66	0.116	2.00	Pass
			RB50#0	20.27	-0.56	19.71	0.094	2.00	Pass
			RB50#25	20.33	-0.56	19.77	0.095	2.00	Pass
			RB50#50	20.16	-0.56	19.60	0.091	2.00	Pass
			RB100#0	20.27	-0.56	19.71	0.094	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
1.4 MHz	LCH	QPSK	RB1#0	22.25	-1.16	-3.31	18.94	0.078	3.000	Pass
			RB1#3	22.36	-1.16	-3.31	19.05	0.080	3.000	Pass
			RB1#5	22.17	-1.16	-3.31	18.86	0.077	3.000	Pass
			RB3#0	22.3	-1.16	-3.31	18.99	0.079	3.000	Pass
			RB3#2	22.33	-1.16	-3.31	19.02	0.080	3.000	Pass
			RB3#3	22.3	-1.16	-3.31	18.99	0.079	3.000	Pass
			RB6#0	21.27	-1.16	-3.31	17.96	0.063	3.000	Pass
		16-QAM	RB1#0	21.36	-1.16	-3.31	18.05	0.064	3.000	Pass
			RB1#3	21.53	-1.16	-3.31	18.22	0.066	3.000	Pass
			RB1#5	21.3	-1.16	-3.31	17.99	0.063	3.000	Pass
			RB3#0	21.36	-1.16	-3.31	18.05	0.064	3.000	Pass
			RB3#2	21.35	-1.16	-3.31	18.04	0.064	3.000	Pass
			RB3#3	21.32	-1.16	-3.31	18.01	0.063	3.000	Pass
			RB6#0	20.45	-1.16	-3.31	17.14	0.052	3.000	Pass
	MCH	QPSK	RB1#0	22.29	-1.16	-3.31	18.98	0.079	3.000	Pass
			RB1#3	22.42	-1.16	-3.31	19.11	0.081	3.000	Pass
			RB1#5	22.26	-1.16	-3.31	18.95	0.079	3.000	Pass
			RB3#0	22.35	-1.16	-3.31	19.04	0.080	3.000	Pass
			RB3#2	22.4	-1.16	-3.31	19.09	0.081	3.000	Pass
			RB3#3	22.36	-1.16	-3.31	19.05	0.080	3.000	Pass
			RB6#0	21.28	-1.16	-3.31	17.97	0.063	3.000	Pass
		16-QAM	RB1#0	21.66	-1.16	-3.31	18.35	0.068	3.000	Pass
			RB1#3	21.81	-1.16	-3.31	18.50	0.071	3.000	Pass
			RB1#5	21.63	-1.16	-3.31	18.32	0.068	3.000	Pass
			RB3#0	21.55	-1.16	-3.31	18.24	0.067	3.000	Pass
			RB3#2	21.57	-1.16	-3.31	18.26	0.067	3.000	Pass
			RB3#3	21.57	-1.16	-3.31	18.26	0.067	3.000	Pass
			RB6#0	20.26	-1.16	-3.31	16.95	0.050	3.000	Pass
	HCH	QPSK	RB1#0	22.24	-1.16	-3.31	18.93	0.078	3.000	Pass
			RB1#3	22.46	-1.16	-3.31	19.15	0.082	3.000	Pass
			RB1#5	22.25	-1.16	-3.31	18.94	0.078	3.000	Pass
			RB3#0	22.38	-1.16	-3.31	19.07	0.081	3.000	Pass
			RB3#2	22.43	-1.16	-3.31	19.12	0.082	3.000	Pass
			RB3#3	22.38	-1.16	-3.31	19.07	0.081	3.000	Pass
			RB6#0	21.31	-1.16	-3.31	18.00	0.063	3.000	Pass
		16-QAM	RB1#0	21.29	-1.16	-3.31	17.98	0.063	3.000	Pass
			RB1#3	21.48	-1.16	-3.31	18.17	0.066	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
			RB1#5	21.29	-1.16	-3.31	17.98	0.063	3.000	Pass
			RB3#0	21.53	-1.16	-3.31	18.22	0.066	3.000	Pass
			RB3#2	21.57	-1.16	-3.31	18.26	0.067	3.000	Pass
			RB3#3	21.52	-1.16	-3.31	18.21	0.066	3.000	Pass
			RB6#0	20.55	-1.16	-3.31	17.24	0.053	3.000	Pass
3 MHz	LCH	QPSK	RB1#0	22.3	-1.16	-3.31	18.99	0.079	3.000	Pass
			RB1#7	22.23	-1.16	-3.31	18.92	0.078	3.000	Pass
			RB1#14	22.29	-1.16	-3.31	18.98	0.079	3.000	Pass
			RB8#0	21.28	-1.16	-3.31	17.97	0.063	3.000	Pass
			RB8#4	21.32	-1.16	-3.31	18.01	0.063	3.000	Pass
			RB8#7	21.27	-1.16	-3.31	17.96	0.063	3.000	Pass
			RB15#0	21.25	-1.16	-3.31	17.94	0.062	3.000	Pass
		16-QAM	RB1#0	21.21	-1.16	-3.31	17.90	0.062	3.000	Pass
			RB1#7	21.19	-1.16	-3.31	17.88	0.061	3.000	Pass
			RB1#14	21.22	-1.16	-3.31	17.91	0.062	3.000	Pass
			RB8#0	20.4	-1.16	-3.31	17.09	0.051	3.000	Pass
			RB8#4	20.45	-1.16	-3.31	17.14	0.052	3.000	Pass
			RB8#7	20.41	-1.16	-3.31	17.10	0.051	3.000	Pass
			RB15#0	20.32	-1.16	-3.31	17.01	0.050	3.000	Pass
	MCH	QPSK	RB1#0	22.31	-1.16	-3.31	19.00	0.079	3.000	Pass
			RB1#7	22.34	-1.16	-3.31	19.03	0.080	3.000	Pass
			RB1#14	22.32	-1.16	-3.31	19.01	0.080	3.000	Pass
			RB8#0	21.29	-1.16	-3.31	17.98	0.063	3.000	Pass
			RB8#4	21.35	-1.16	-3.31	18.04	0.064	3.000	Pass
			RB8#7	21.31	-1.16	-3.31	18.00	0.063	3.000	Pass
			RB15#0	21.3	-1.16	-3.31	17.99	0.063	3.000	Pass
		16-QAM	RB1#0	21.7	-1.16	-3.31	18.39	0.069	3.000	Pass
			RB1#7	21.7	-1.16	-3.31	18.39	0.069	3.000	Pass
			RB1#14	21.69	-1.16	-3.31	18.38	0.069	3.000	Pass
			RB8#0	20.46	-1.16	-3.31	17.15	0.052	3.000	Pass
			RB8#4	20.49	-1.16	-3.31	17.18	0.052	3.000	Pass
			RB8#7	20.45	-1.16	-3.31	17.14	0.052	3.000	Pass
			RB15#0	20.38	-1.16	-3.31	17.07	0.051	3.000	Pass
	HCH	QPSK	RB1#0	22.36	-1.16	-3.31	19.05	0.080	3.000	Pass
			RB1#7	22.32	-1.16	-3.31	19.01	0.080	3.000	Pass
			RB1#14	22.33	-1.16	-3.31	19.02	0.080	3.000	Pass
			RB8#0	21.32	-1.16	-3.31	18.01	0.063	3.000	Pass
			RB8#4	21.39	-1.16	-3.31	18.08	0.064	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
			RB8#7	21.36	-1.16	-3.31	18.05	0.064	3.000	Pass
			RB15#0	21.33	-1.16	-3.31	18.02	0.063	3.000	Pass
		16-QAM	RB1#0	21.43	-1.16	-3.31	18.12	0.065	3.000	Pass
			RB1#7	21.36	-1.16	-3.31	18.05	0.064	3.000	Pass
			RB1#14	21.36	-1.16	-3.31	18.05	0.064	3.000	Pass
			RB8#0	20.44	-1.16	-3.31	17.13	0.052	3.000	Pass
			RB8#4	20.47	-1.16	-3.31	17.16	0.052	3.000	Pass
			RB8#7	20.45	-1.16	-3.31	17.14	0.052	3.000	Pass
			RB15#0	20.34	-1.16	-3.31	17.03	0.050	3.000	Pass
5 MHz	LCH	QPSK	RB1#0	22.2	-1.16	-3.31	18.89	0.077	3.000	Pass
			RB1#13	22.33	-1.16	-3.31	19.02	0.080	3.000	Pass
			RB1#24	22.25	-1.16	-3.31	18.94	0.078	3.000	Pass
			RB12#0	21.2	-1.16	-3.31	17.89	0.062	3.000	Pass
			RB12#6	21.35	-1.16	-3.31	18.04	0.064	3.000	Pass
			RB12#13	21.29	-1.16	-3.31	17.98	0.063	3.000	Pass
			RB25#0	21.26	-1.16	-3.31	17.95	0.062	3.000	Pass
		16-QAM	RB1#0	21.33	-1.16	-3.31	18.02	0.063	3.000	Pass
			RB1#13	21.52	-1.16	-3.31	18.21	0.066	3.000	Pass
			RB1#24	21.38	-1.16	-3.31	18.07	0.064	3.000	Pass
			RB12#0	20.27	-1.16	-3.31	16.96	0.050	3.000	Pass
			RB12#6	20.46	-1.16	-3.31	17.15	0.052	3.000	Pass
			RB12#13	20.36	-1.16	-3.31	17.05	0.051	3.000	Pass
			RB25#0	20.36	-1.16	-3.31	17.05	0.051	3.000	Pass
	MCH	QPSK	RB1#0	22.18	-1.16	-3.31	18.87	0.077	3.000	Pass
			RB1#13	22.37	-1.16	-3.31	19.06	0.081	3.000	Pass
			RB1#24	22.28	-1.16	-3.31	18.97	0.079	3.000	Pass
			RB12#0	21.29	-1.16	-3.31	17.98	0.063	3.000	Pass
			RB12#6	21.36	-1.16	-3.31	18.05	0.064	3.000	Pass
			RB12#13	21.34	-1.16	-3.31	18.03	0.064	3.000	Pass
			RB25#0	21.29	-1.16	-3.31	17.98	0.063	3.000	Pass
		16-QAM	RB1#0	21.73	-1.16	-3.31	18.42	0.070	3.000	Pass
			RB1#13	21.89	-1.16	-3.31	18.58	0.072	3.000	Pass
			RB1#24	21.76	-1.16	-3.31	18.45	0.070	3.000	Pass
			RB12#0	20.49	-1.16	-3.31	17.18	0.052	3.000	Pass
			RB12#6	20.53	-1.16	-3.31	17.22	0.053	3.000	Pass
			RB12#13	20.46	-1.16	-3.31	17.15	0.052	3.000	Pass
			RB25#0	20.39	-1.16	-3.31	17.08	0.051	3.000	Pass
	HCH	QPSK	RB1#0	22.16	-1.16	-3.31	18.85	0.077	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
			RB1#13	22.37	-1.16	-3.31	19.06	0.081	3.000	Pass
			RB1#24	22.25	-1.16	-3.31	18.94	0.078	3.000	Pass
			RB12#0	21.35	-1.16	-3.31	18.04	0.064	3.000	Pass
			RB12#6	21.41	-1.16	-3.31	18.10	0.065	3.000	Pass
			RB12#13	21.33	-1.16	-3.31	18.02	0.063	3.000	Pass
			RB25#0	21.34	-1.16	-3.31	18.03	0.064	3.000	Pass
		16-QAM	RB1#0	21.37	-1.16	-3.31	18.06	0.064	3.000	Pass
			RB1#13	21.5	-1.16	-3.31	18.19	0.066	3.000	Pass
			RB1#24	21.37	-1.16	-3.31	18.06	0.064	3.000	Pass
			RB12#0	20.41	-1.16	-3.31	17.10	0.051	3.000	Pass
			RB12#6	20.48	-1.16	-3.31	17.17	0.052	3.000	Pass
			RB12#13	20.38	-1.16	-3.31	17.07	0.051	3.000	Pass
			RB25#0	20.31	-1.16	-3.31	17.00	0.050	3.000	Pass
10 MHz	LCH	QPSK	RB1#0	22.2	-1.16	-3.31	18.89	0.077	3.000	Pass
			RB1#25	22.45	-1.16	-3.31	19.14	0.082	3.000	Pass
			RB1#49	22.32	-1.16	-3.31	19.01	0.080	3.000	Pass
			RB25#0	21.29	-1.16	-3.31	17.98	0.063	3.000	Pass
			RB25#13	21.3	-1.16	-3.31	17.99	0.063	3.000	Pass
			RB25#25	21.36	-1.16	-3.31	18.05	0.064	3.000	Pass
			RB50#0	21.32	-1.16	-3.31	18.01	0.063	3.000	Pass
		16-QAM	RB1#0	21.18	-1.16	-3.31	17.87	0.061	3.000	Pass
			RB1#25	21.4	-1.16	-3.31	18.09	0.064	3.000	Pass
			RB1#49	21.28	-1.16	-3.31	17.97	0.063	3.000	Pass
			RB25#0	20.4	-1.16	-3.31	17.09	0.051	3.000	Pass
			RB25#13	20.39	-1.16	-3.31	17.08	0.051	3.000	Pass
			RB25#25	20.4	-1.16	-3.31	17.09	0.051	3.000	Pass
			RB50#0	20.37	-1.16	-3.31	17.06	0.051	3.000	Pass
	MCH	QPSK	RB1#0	22.22	-1.16	-3.31	18.91	0.078	3.000	Pass
			RB1#25	22.47	-1.16	-3.31	19.16	0.082	3.000	Pass
			RB1#49	22.4	-1.16	-3.31	19.09	0.081	3.000	Pass
			RB25#0	21.39	-1.16	-3.31	18.08	0.064	3.000	Pass
			RB25#13	21.39	-1.16	-3.31	18.08	0.064	3.000	Pass
			RB25#25	21.38	-1.16	-3.31	18.07	0.064	3.000	Pass
			RB50#0	21.4	-1.16	-3.31	18.09	0.064	3.000	Pass
		16-QAM	RB1#0	21.6	-1.16	-3.31	18.29	0.067	3.000	Pass
			RB1#25	21.87	-1.16	-3.31	18.56	0.072	3.000	Pass
			RB1#49	21.74	-1.16	-3.31	18.43	0.070	3.000	Pass
			RB25#0	20.44	-1.16	-3.31	17.13	0.052	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
			RB25#13	20.49	-1.16	-3.31	17.18	0.052	3.000	Pass
			RB25#25	20.49	-1.16	-3.31	17.18	0.052	3.000	Pass
			RB50#0	20.46	-1.16	-3.31	17.15	0.052	3.000	Pass
	HCH	QPSK	RB1#0	22.27	-1.16	-3.31	18.96	0.079	3.000	Pass
			RB1#25	22.53	-1.16	-3.31	19.22	0.084	3.000	Pass
			RB1#49	22.35	-1.16	-3.31	19.04	0.080	3.000	Pass
			RB25#0	21.37	-1.16	-3.31	18.06	0.064	3.000	Pass
			RB25#13	21.38	-1.16	-3.31	18.07	0.064	3.000	Pass
			RB25#25	21.36	-1.16	-3.31	18.05	0.064	3.000	Pass
			RB50#0	21.38	-1.16	-3.31	18.07	0.064	3.000	Pass
		16-QAM	RB1#0	21.32	-1.16	-3.31	18.01	0.063	3.000	Pass
			RB1#25	21.56	-1.16	-3.31	18.25	0.067	3.000	Pass
			RB1#49	21.38	-1.16	-3.31	18.07	0.064	3.000	Pass
			RB25#0	20.54	-1.16	-3.31	17.23	0.053	3.000	Pass
			RB25#13	20.55	-1.16	-3.31	17.24	0.053	3.000	Pass
			RB25#25	20.52	-1.16	-3.31	17.21	0.053	3.000	Pass
			RB50#0	20.47	-1.16	-3.31	17.16	0.052	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND13										
5 MHz	LCH	QPSK	RB1#0	22.24	-1.23	-3.38	18.86	0.077	3.000	Pass
			RB1#13	22.42	-1.23	-3.38	19.04	0.080	3.000	Pass
			RB1#24	22.23	-1.23	-3.38	18.85	0.077	3.000	Pass
			RB12#0	21.35	-1.23	-3.38	17.97	0.063	3.000	Pass
			RB12#6	21.45	-1.23	-3.38	18.07	0.064	3.000	Pass
			RB12#13	21.42	-1.23	-3.38	18.04	0.064	3.000	Pass
			RB25#0	21.37	-1.23	-3.38	17.99	0.063	3.000	Pass
		16-QAM	RB1#0	21.36	-1.23	-3.38	17.98	0.063	3.000	Pass
			RB1#13	21.57	-1.23	-3.38	18.19	0.066	3.000	Pass
			RB1#24	21.47	-1.23	-3.38	18.09	0.064	3.000	Pass
			RB12#0	20.41	-1.23	-3.38	17.03	0.050	3.000	Pass
			RB12#6	20.51	-1.23	-3.38	17.13	0.052	3.000	Pass
			RB12#13	20.47	-1.23	-3.38	17.09	0.051	3.000	Pass
			RB25#0	20.47	-1.23	-3.38	17.09	0.051	3.000	Pass
	MCH	QPSK	RB1#0	22.28	-1.23	-3.38	18.90	0.078	3.000	Pass
			RB1#13	22.39	-1.23	-3.38	19.01	0.080	3.000	Pass
			RB1#24	22.24	-1.23	-3.38	18.86	0.077	3.000	Pass
			RB12#0	21.31	-1.23	-3.38	17.93	0.062	3.000	Pass
			RB12#6	21.4	-1.23	-3.38	18.02	0.063	3.000	Pass
			RB12#13	21.38	-1.23	-3.38	18.00	0.063	3.000	Pass
			RB25#0	21.35	-1.23	-3.38	17.97	0.063	3.000	Pass
		16-QAM	RB1#0	21.77	-1.23	-3.38	18.39	0.069	3.000	Pass
			RB1#13	21.9	-1.23	-3.38	18.52	0.071	3.000	Pass
			RB1#24	21.75	-1.23	-3.38	18.37	0.069	3.000	Pass
			RB12#0	20.49	-1.23	-3.38	17.11	0.051	3.000	Pass
			RB12#6	20.53	-1.23	-3.38	17.15	0.052	3.000	Pass
			RB12#13	20.56	-1.23	-3.38	17.18	0.052	3.000	Pass
			RB25#0	20.48	-1.23	-3.38	17.10	0.051	3.000	Pass
	HCH	QPSK	RB1#0	22.22	-1.23	-3.38	18.84	0.077	3.000	Pass
			RB1#13	22.36	-1.23	-3.38	18.98	0.079	3.000	Pass
			RB1#24	22.23	-1.23	-3.38	18.85	0.077	3.000	Pass
			RB12#0	21.35	-1.23	-3.38	17.97	0.063	3.000	Pass
			RB12#6	21.39	-1.23	-3.38	18.01	0.063	3.000	Pass
			RB12#13	21.32	-1.23	-3.38	17.94	0.062	3.000	Pass
			RB25#0	21.33	-1.23	-3.38	17.95	0.062	3.000	Pass
		16-QAM	RB1#0	21.34	-1.23	-3.38	17.96	0.063	3.000	Pass
			RB1#13	21.5	-1.23	-3.38	18.12	0.065	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND13										
			RB1#24	21.35	-1.23	-3.38	17.97	0.063	3.000	Pass
			RB12#0	20.41	-1.23	-3.38	17.03	0.050	3.000	Pass
			RB12#6	20.46	-1.23	-3.38	17.08	0.051	3.000	Pass
			RB12#13	20.36	-1.23	-3.38	16.98	0.050	3.000	Pass
			RB25#0	20.34	-1.23	-3.38	16.96	0.050	3.000	Pass
10 MHz	MCH	QPSK	RB1#0	22.35	-1.23	-3.38	18.97	0.079	3.000	Pass
			RB1#25	22.49	-1.23	-3.38	19.11	0.081	3.000	Pass
			RB1#49	22.27	-1.23	-3.38	18.89	0.077	3.000	Pass
			RB25#0	21.34	-1.23	-3.38	17.96	0.063	3.000	Pass
			RB25#13	21.37	-1.23	-3.38	17.99	0.063	3.000	Pass
			RB25#25	21.42	-1.23	-3.38	18.04	0.064	3.000	Pass
			RB50#0	21.4	-1.23	-3.38	18.02	0.063	3.000	Pass
		16-QAM	RB1#0	21.22	-1.23	-3.38	17.84	0.061	3.000	Pass
			RB1#25	21.4	-1.23	-3.38	18.02	0.063	3.000	Pass
			RB1#49	21.24	-1.23	-3.38	17.86	0.061	3.000	Pass
			RB25#0	20.42	-1.23	-3.38	17.04	0.051	3.000	Pass
			RB25#13	20.42	-1.23	-3.38	17.04	0.051	3.000	Pass
			RB25#25	20.44	-1.23	-3.38	17.06	0.051	3.000	Pass
			RB50#0	20.41	-1.23	-3.38	17.03	0.050	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND17										
5 MHz	LCH	QPSK	RB1#0	22.32	-1.15	-3.3	19.02	0.080	3.000	Pass
			RB1#13	22.58	-1.15	-3.3	19.28	0.085	3.000	Pass
			RB1#24	22.42	-1.15	-3.3	19.12	0.082	3.000	Pass
			RB12#0	21.4	-1.15	-3.3	18.10	0.065	3.000	Pass
			RB12#6	21.53	-1.15	-3.3	18.23	0.067	3.000	Pass
			RB12#13	21.49	-1.15	-3.3	18.19	0.066	3.000	Pass
			RB25#0	21.43	-1.15	-3.3	18.13	0.065	3.000	Pass
		16-QAM	RB1#0	21.45	-1.15	-3.3	18.15	0.065	3.000	Pass
			RB1#13	21.7	-1.15	-3.3	18.40	0.069	3.000	Pass
			RB1#24	21.57	-1.15	-3.3	18.27	0.067	3.000	Pass
			RB12#0	20.55	-1.15	-3.3	17.25	0.053	3.000	Pass
			RB12#6	20.65	-1.15	-3.3	17.35	0.054	3.000	Pass
			RB12#13	20.63	-1.15	-3.3	17.33	0.054	3.000	Pass
			RB25#0	20.53	-1.15	-3.3	17.23	0.053	3.000	Pass
	MCH	QPSK	RB1#0	22.32	-1.15	-3.3	19.02	0.080	3.000	Pass
			RB1#13	22.57	-1.15	-3.3	19.27	0.085	3.000	Pass
			RB1#24	22.44	-1.15	-3.3	19.14	0.082	3.000	Pass
			RB12#0	21.43	-1.15	-3.3	18.13	0.065	3.000	Pass
			RB12#6	21.56	-1.15	-3.3	18.26	0.067	3.000	Pass
			RB12#13	21.51	-1.15	-3.3	18.21	0.066	3.000	Pass
			RB25#0	21.49	-1.15	-3.3	18.19	0.066	3.000	Pass
		16-QAM	RB1#0	21.89	-1.15	-3.3	18.59	0.072	3.000	Pass
			RB1#13	22.07	-1.15	-3.3	18.77	0.075	3.000	Pass
			RB1#24	21.91	-1.15	-3.3	18.61	0.073	3.000	Pass
			RB12#0	20.63	-1.15	-3.3	17.33	0.054	3.000	Pass
			RB12#6	20.69	-1.15	-3.3	17.39	0.055	3.000	Pass
			RB12#13	20.64	-1.15	-3.3	17.34	0.054	3.000	Pass
			RB25#0	20.56	-1.15	-3.3	17.26	0.053	3.000	Pass
	HCH	QPSK	RB1#0	22.39	-1.15	-3.3	19.09	0.081	3.000	Pass
			RB1#13	22.53	-1.15	-3.3	19.23	0.084	3.000	Pass
			RB1#24	22.35	-1.15	-3.3	19.05	0.080	3.000	Pass
			RB12#0	21.48	-1.15	-3.3	18.18	0.066	3.000	Pass
			RB12#6	21.57	-1.15	-3.3	18.27	0.067	3.000	Pass
			RB12#13	21.49	-1.15	-3.3	18.19	0.066	3.000	Pass
			RB25#0	21.47	-1.15	-3.3	18.17	0.066	3.000	Pass
		16-QAM	RB1#0	21.53	-1.15	-3.3	18.23	0.067	3.000	Pass
			RB1#13	21.66	-1.15	-3.3	18.36	0.069	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND17										
			RB1#24	21.56	-1.15	-3.3	18.26	0.067	3.000	Pass
			RB12#0	20.56	-1.15	-3.3	17.26	0.053	3.000	Pass
			RB12#6	20.59	-1.15	-3.3	17.29	0.054	3.000	Pass
			RB12#13	20.52	-1.15	-3.3	17.22	0.053	3.000	Pass
			RB25#0	20.42	-1.15	-3.3	17.12	0.052	3.000	Pass
10 MHz	LCH	QPSK	RB1#0	22.34	-1.15	-3.3	19.04	0.080	3.000	Pass
			RB1#25	22.65	-1.15	-3.3	19.35	0.086	3.000	Pass
			RB1#49	22.47	-1.15	-3.3	19.17	0.083	3.000	Pass
			RB25#0	21.5	-1.15	-3.3	18.20	0.066	3.000	Pass
			RB25#13	21.56	-1.15	-3.3	18.26	0.067	3.000	Pass
			RB25#25	21.57	-1.15	-3.3	18.27	0.067	3.000	Pass
			RB50#0	21.57	-1.15	-3.3	18.27	0.067	3.000	Pass
		16-QAM	RB1#0	21.34	-1.15	-3.3	18.04	0.064	3.000	Pass
			RB1#25	21.62	-1.15	-3.3	18.32	0.068	3.000	Pass
			RB1#49	21.4	-1.15	-3.3	18.10	0.065	3.000	Pass
			RB25#0	20.56	-1.15	-3.3	17.26	0.053	3.000	Pass
			RB25#13	20.58	-1.15	-3.3	17.28	0.053	3.000	Pass
			RB25#25	20.61	-1.15	-3.3	17.31	0.054	3.000	Pass
			RB50#0	20.57	-1.15	-3.3	17.27	0.053	3.000	Pass
	MCH	QPSK	RB1#0	22.44	-1.15	-3.3	19.14	0.082	3.000	Pass
			RB1#25	22.68	-1.15	-3.3	19.38	0.087	3.000	Pass
			RB1#49	22.53	-1.15	-3.3	19.23	0.084	3.000	Pass
			RB25#0	21.51	-1.15	-3.3	18.21	0.066	3.000	Pass
			RB25#13	21.54	-1.15	-3.3	18.24	0.067	3.000	Pass
			RB25#25	21.57	-1.15	-3.3	18.27	0.067	3.000	Pass
			RB50#0	21.54	-1.15	-3.3	18.24	0.067	3.000	Pass
		16-QAM	RB1#0	21.8	-1.15	-3.3	18.50	0.071	3.000	Pass
			RB1#25	22.1	-1.15	-3.3	18.80	0.076	3.000	Pass
			RB1#49	21.91	-1.15	-3.3	18.61	0.073	3.000	Pass
			RB25#0	20.62	-1.15	-3.3	17.32	0.054	3.000	Pass
			RB25#13	20.59	-1.15	-3.3	17.29	0.054	3.000	Pass
			RB25#25	20.61	-1.15	-3.3	17.31	0.054	3.000	Pass
			RB50#0	20.58	-1.15	-3.3	17.28	0.053	3.000	Pass
	HCH	QPSK	RB1#0	22.45	-1.15	-3.3	19.15	0.082	3.000	Pass
			RB1#25	22.69	-1.15	-3.3	19.39	0.087	3.000	Pass
			RB1#49	22.53	-1.15	-3.3	19.23	0.084	3.000	Pass
			RB25#0	21.55	-1.15	-3.3	18.25	0.067	3.000	Pass
			RB25#13	21.56	-1.15	-3.3	18.26	0.067	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND17										
			RB25#25	21.5	-1.15	-3.3	18.20	0.066	3.000	Pass
			RB50#0	21.53	-1.15	-3.3	18.23	0.067	3.000	Pass
		16-QAM	RB1#0	21.46	-1.15	-3.3	18.16	0.065	3.000	Pass
			RB1#25	21.68	-1.15	-3.3	18.38	0.069	3.000	Pass
			RB1#49	21.55	-1.15	-3.3	18.25	0.067	3.000	Pass
			RB25#0	20.64	-1.15	-3.3	17.34	0.054	3.000	Pass
			RB25#13	20.65	-1.15	-3.3	17.35	0.054	3.000	Pass
			RB25#25	20.63	-1.15	-3.3	17.33	0.054	3.000	Pass
			RB50#0	20.61	-1.15	-3.3	17.31	0.054	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND18(Part22)										
5 MHz	LCH	QPSK	RB1#0	22.19	-1.06	-3.21	18.98	0.079	7.000	Pass
			RB1#13	22.35	-1.06	-3.21	19.14	0.082	7.000	Pass
			RB1#24	22.23	-1.06	-3.21	19.02	0.080	7.000	Pass
			RB12#0	21.29	-1.06	-3.21	18.08	0.064	7.000	Pass
			RB12#6	21.36	-1.06	-3.21	18.15	0.065	7.000	Pass
			RB12#13	21.32	-1.06	-3.21	18.11	0.065	7.000	Pass
			RB25#0	21.29	-1.06	-3.21	18.08	0.064	7.000	Pass
		16-QAM	RB1#0	21.35	-1.06	-3.21	18.14	0.065	7.000	Pass
			RB1#13	21.52	-1.06	-3.21	18.31	0.068	7.000	Pass
			RB1#24	21.41	-1.06	-3.21	18.20	0.066	7.000	Pass
			RB12#0	20.37	-1.06	-3.21	17.16	0.052	7.000	Pass
			RB12#6	20.42	-1.06	-3.21	17.21	0.053	7.000	Pass
			RB12#13	20.4	-1.06	-3.21	17.19	0.052	7.000	Pass
			RB25#0	20.35	-1.06	-3.21	17.14	0.052	7.000	Pass
	MCH	QPSK	RB1#0	22.16	-1.06	-3.21	18.95	0.079	7.000	Pass
			RB1#13	22.37	-1.06	-3.21	19.16	0.082	7.000	Pass
			RB1#24	22.23	-1.06	-3.21	19.02	0.080	7.000	Pass
			RB12#0	21.27	-1.06	-3.21	18.06	0.064	7.000	Pass
			RB12#6	21.41	-1.06	-3.21	18.20	0.066	7.000	Pass
			RB12#13	21.34	-1.06	-3.21	18.13	0.065	7.000	Pass
			RB25#0	21.33	-1.06	-3.21	18.12	0.065	7.000	Pass
		16-QAM	RB1#0	21.69	-1.06	-3.21	18.48	0.070	7.000	Pass
			RB1#13	21.87	-1.06	-3.21	18.66	0.073	7.000	Pass
			RB1#24	21.72	-1.06	-3.21	18.51	0.071	7.000	Pass
			RB12#0	20.46	-1.06	-3.21	17.25	0.053	7.000	Pass
			RB12#6	20.52	-1.06	-3.21	17.31	0.054	7.000	Pass
			RB12#13	20.51	-1.06	-3.21	17.30	0.054	7.000	Pass
			RB25#0	20.41	-1.06	-3.21	17.20	0.052	7.000	Pass
	HCH	QPSK	RB1#0	22.15	-1.06	-3.21	18.94	0.078	7.000	Pass
			RB1#13	22.34	-1.06	-3.21	19.13	0.082	7.000	Pass
			RB1#24	22.2	-1.06	-3.21	18.99	0.079	7.000	Pass
			RB12#0	21.31	-1.06	-3.21	18.10	0.065	7.000	Pass
			RB12#6	21.4	-1.06	-3.21	18.19	0.066	7.000	Pass
			RB12#13	21.3	-1.06	-3.21	18.09	0.064	7.000	Pass
			RB25#0	21.32	-1.06	-3.21	18.11	0.065	7.000	Pass
		16-QAM	RB1#0	21.28	-1.06	-3.21	18.07	0.064	7.000	Pass
			RB1#13	21.46	-1.06	-3.21	18.25	0.067	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND18(Part22)										
			RB1#24	21.34	-1.06	-3.21	18.13	0.065	7.000	Pass
			RB12#0	20.3	-1.06	-3.21	17.09	0.051	7.000	Pass
			RB12#6	20.45	-1.06	-3.21	17.24	0.053	7.000	Pass
			RB12#13	20.4	-1.06	-3.21	17.19	0.052	7.000	Pass
			RB25#0	20.3	-1.06	-3.21	17.09	0.051	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND18(Part90)										
5 MHz	LCH	QPSK	RB1#0	22.17	-1.06	-3.21	18.96	0.079	100.000	Pass
			RB1#13	22.3	-1.06	-3.21	19.09	0.081	100.000	Pass
			RB1#24	22.11	-1.06	-3.21	18.90	0.078	100.000	Pass
			RB12#0	21.2	-1.06	-3.21	17.99	0.063	100.000	Pass
			RB12#6	21.32	-1.06	-3.21	18.11	0.065	100.000	Pass
			RB12#13	21.26	-1.06	-3.21	18.05	0.064	100.000	Pass
			RB25#0	21.26	-1.06	-3.21	18.05	0.064	100.000	Pass
		16-QAM	RB1#0	21.32	-1.06	-3.21	18.11	0.065	100.000	Pass
			RB1#13	21.46	-1.06	-3.21	18.25	0.067	100.000	Pass
			RB1#24	21.28	-1.06	-3.21	18.07	0.064	100.000	Pass
			RB12#0	20.28	-1.06	-3.21	17.07	0.051	100.000	Pass
			RB12#6	20.39	-1.06	-3.21	17.18	0.052	100.000	Pass
			RB12#13	20.35	-1.06	-3.21	17.14	0.052	100.000	Pass
			RB25#0	20.27	-1.06	-3.21	17.06	0.051	100.000	Pass
	MCH	QPSK	RB1#0	22.18	-1.06	-3.21	18.97	0.079	100.000	Pass
			RB1#13	22.27	-1.06	-3.21	19.06	0.081	100.000	Pass
			RB1#24	22.13	-1.06	-3.21	18.92	0.078	100.000	Pass
			RB12#0	21.19	-1.06	-3.21	17.98	0.063	100.000	Pass
			RB12#6	21.29	-1.06	-3.21	18.08	0.064	100.000	Pass
			RB12#13	21.26	-1.06	-3.21	18.05	0.064	100.000	Pass
			RB25#0	21.23	-1.06	-3.21	18.02	0.063	100.000	Pass
		16-QAM	RB1#0	21.64	-1.06	-3.21	18.43	0.070	100.000	Pass
			RB1#13	21.76	-1.06	-3.21	18.55	0.072	100.000	Pass
			RB1#24	21.64	-1.06	-3.21	18.43	0.070	100.000	Pass
			RB12#0	20.34	-1.06	-3.21	17.13	0.052	100.000	Pass
			RB12#6	20.42	-1.06	-3.21	17.21	0.053	100.000	Pass
			RB12#13	20.42	-1.06	-3.21	17.21	0.053	100.000	Pass
			RB25#0	20.31	-1.06	-3.21	17.10	0.051	100.000	Pass
	HCH	QPSK	RB1#0	22.12	-1.06	-3.21	18.91	0.078	100.000	Pass
			RB1#13	22.24	-1.06	-3.21	19.03	0.080	100.000	Pass
			RB1#24	22.14	-1.06	-3.21	18.93	0.078	100.000	Pass
			RB12#0	21.17	-1.06	-3.21	17.96	0.063	100.000	Pass
			RB12#6	21.32	-1.06	-3.21	18.11	0.065	100.000	Pass
			RB12#13	21.3	-1.06	-3.21	18.09	0.064	100.000	Pass
			RB25#0	21.24	-1.06	-3.21	18.03	0.064	100.000	Pass
		16-QAM	RB1#0	21.24	-1.06	-3.21	18.03	0.064	100.000	Pass
			RB1#13	21.41	-1.06	-3.21	18.20	0.066	100.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND18(Part90)										
			RB1#24	21.31	-1.06	-3.21	18.10	0.065	100.000	Pass
			RB12#0	20.21	-1.06	-3.21	17.00	0.050	100.000	Pass
			RB12#6	20.36	-1.06	-3.21	17.15	0.052	100.000	Pass
			RB12#13	20.35	-1.06	-3.21	17.14	0.052	100.000	Pass
			RB25#0	20.2	-1.06	-3.21	16.99	0.050	100.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND19										
5 MHz	LCH	QPSK	RB1#0	22.21	-1.05	-3.2	19.01	0.080	7.000	Pass
			RB1#13	22.36	-1.05	-3.2	19.16	0.082	7.000	Pass
			RB1#24	22.27	-1.05	-3.2	19.07	0.081	7.000	Pass
			RB12#0	21.31	-1.05	-3.2	18.11	0.065	7.000	Pass
			RB12#6	21.38	-1.05	-3.2	18.18	0.066	7.000	Pass
			RB12#13	21.37	-1.05	-3.2	18.17	0.066	7.000	Pass
			RB25#0	21.32	-1.05	-3.2	18.12	0.065	7.000	Pass
		16-QAM	RB1#0	21.34	-1.05	-3.2	18.14	0.065	7.000	Pass
			RB1#13	21.49	-1.05	-3.2	18.29	0.067	7.000	Pass
			RB1#24	21.44	-1.05	-3.2	18.24	0.067	7.000	Pass
			RB12#0	20.32	-1.05	-3.2	17.12	0.052	7.000	Pass
			RB12#6	20.45	-1.05	-3.2	17.25	0.053	7.000	Pass
			RB12#13	20.41	-1.05	-3.2	17.21	0.053	7.000	Pass
			RB25#0	20.28	-1.05	-3.2	17.08	0.051	7.000	Pass
	MCH	QPSK	RB1#0	22.26	-1.05	-3.2	19.06	0.081	7.000	Pass
			RB1#13	22.35	-1.05	-3.2	19.15	0.082	7.000	Pass
			RB1#24	22.25	-1.05	-3.2	19.05	0.080	7.000	Pass
			RB12#0	21.35	-1.05	-3.2	18.15	0.065	7.000	Pass
			RB12#6	21.43	-1.05	-3.2	18.23	0.067	7.000	Pass
			RB12#13	21.37	-1.05	-3.2	18.17	0.066	7.000	Pass
			RB25#0	21.34	-1.05	-3.2	18.14	0.065	7.000	Pass
		16-QAM	RB1#0	21.43	-1.05	-3.2	18.23	0.067	7.000	Pass
			RB1#13	21.53	-1.05	-3.2	18.33	0.068	7.000	Pass
			RB1#24	21.42	-1.05	-3.2	18.22	0.066	7.000	Pass
			RB12#0	20.45	-1.05	-3.2	17.25	0.053	7.000	Pass
			RB12#6	20.48	-1.05	-3.2	17.28	0.053	7.000	Pass
			RB12#13	20.41	-1.05	-3.2	17.21	0.053	7.000	Pass
			RB25#0	20.39	-1.05	-3.2	17.19	0.052	7.000	Pass
	HCH	QPSK	RB1#0	22.29	-1.05	-3.2	19.09	0.081	7.000	Pass
			RB1#13	22.37	-1.05	-3.2	19.17	0.083	7.000	Pass
			RB1#24	22.24	-1.05	-3.2	19.04	0.080	7.000	Pass
			RB12#0	21.36	-1.05	-3.2	18.16	0.065	7.000	Pass
			RB12#6	21.35	-1.05	-3.2	18.15	0.065	7.000	Pass
			RB12#13	21.29	-1.05	-3.2	18.09	0.064	7.000	Pass
			RB25#0	21.31	-1.05	-3.2	18.11	0.065	7.000	Pass
		16-QAM	RB1#0	21.75	-1.05	-3.2	18.55	0.072	7.000	Pass
			RB1#13	21.82	-1.05	-3.2	18.62	0.073	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND19										
			RB1#24	21.69	-1.05	-3.2	18.49	0.071	7.000	Pass
			RB12#0	20.48	-1.05	-3.2	17.28	0.053	7.000	Pass
			RB12#6	20.52	-1.05	-3.2	17.32	0.054	7.000	Pass
			RB12#13	20.45	-1.05	-3.2	17.25	0.053	7.000	Pass
			RB25#0	20.39	-1.05	-3.2	17.19	0.052	7.000	Pass
10 MHz	LCH	QPSK	RB1#0	22.25	-1.05	-3.2	19.05	0.080	7.000	Pass
			RB1#25	22.45	-1.05	-3.2	19.25	0.084	7.000	Pass
			RB1#49	22.23	-1.05	-3.2	19.03	0.080	7.000	Pass
			RB25#0	21.33	-1.05	-3.2	18.13	0.065	7.000	Pass
			RB25#13	21.4	-1.05	-3.2	18.20	0.066	7.000	Pass
			RB25#25	21.41	-1.05	-3.2	18.21	0.066	7.000	Pass
			RB50#0	21.38	-1.05	-3.2	18.18	0.066	7.000	Pass
		16-QAM	RB1#0	21.19	-1.05	-3.2	17.99	0.063	7.000	Pass
			RB1#25	21.44	-1.05	-3.2	18.24	0.067	7.000	Pass
			RB1#49	21.27	-1.05	-3.2	18.07	0.064	7.000	Pass
			RB25#0	20.37	-1.05	-3.2	17.17	0.052	7.000	Pass
			RB25#13	20.44	-1.05	-3.2	17.24	0.053	7.000	Pass
			RB25#25	20.48	-1.05	-3.2	17.28	0.053	7.000	Pass
			RB50#0	20.41	-1.05	-3.2	17.21	0.053	7.000	Pass
	MCH	QPSK	RB1#0	22.29	-1.05	-3.2	19.09	0.081	7.000	Pass
			RB1#25	22.48	-1.05	-3.2	19.28	0.085	7.000	Pass
			RB1#49	22.32	-1.05	-3.2	19.12	0.082	7.000	Pass
			RB25#0	21.36	-1.05	-3.2	18.16	0.065	7.000	Pass
			RB25#13	21.41	-1.05	-3.2	18.21	0.066	7.000	Pass
			RB25#25	21.36	-1.05	-3.2	18.16	0.065	7.000	Pass
			RB50#0	21.39	-1.05	-3.2	18.19	0.066	7.000	Pass
		16-QAM	RB1#0	21.7	-1.05	-3.2	18.50	0.071	7.000	Pass
			RB1#25	21.84	-1.05	-3.2	18.64	0.073	7.000	Pass
			RB1#49	21.64	-1.05	-3.2	18.44	0.070	7.000	Pass
			RB25#0	20.41	-1.05	-3.2	17.21	0.053	7.000	Pass
			RB25#13	20.44	-1.05	-3.2	17.24	0.053	7.000	Pass
			RB25#25	20.42	-1.05	-3.2	17.22	0.053	7.000	Pass
			RB50#0	20.46	-1.05	-3.2	17.26	0.053	7.000	Pass
	HCH	QPSK	RB1#0	22.36	-1.05	-3.2	19.16	0.082	7.000	Pass
			RB1#25	22.47	-1.05	-3.2	19.27	0.085	7.000	Pass
			RB1#49	22.29	-1.05	-3.2	19.09	0.081	7.000	Pass
			RB25#0	21.36	-1.05	-3.2	18.16	0.065	7.000	Pass
			RB25#13	21.41	-1.05	-3.2	18.21	0.066	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND19										
			RB25#25	21.29	-1.05	-3.2	18.09	0.064	7.000	Pass
			RB50#0	21.34	-1.05	-3.2	18.14	0.065	7.000	Pass
		16-QAM	RB1#0	21.34	-1.05	-3.2	18.14	0.065	7.000	Pass
			RB1#25	21.52	-1.05	-3.2	18.32	0.068	7.000	Pass
			RB1#49	21.25	-1.05	-3.2	18.05	0.064	7.000	Pass
			RB25#0	20.46	-1.05	-3.2	17.26	0.053	7.000	Pass
			RB25#13	20.53	-1.05	-3.2	17.33	0.054	7.000	Pass
			RB25#25	20.4	-1.05	-3.2	17.20	0.052	7.000	Pass
			RB50#0	20.41	-1.05	-3.2	17.21	0.053	7.000	Pass
15 MHz	MCH	QPSK	RB1#0	22.26	-1.05	-3.2	19.06	0.081	7.000	Pass
			RB1#38	22.35	-1.05	-3.2	19.15	0.082	7.000	Pass
			RB1#74	22.24	-1.05	-3.2	19.04	0.080	7.000	Pass
			RB36#0	21.42	-1.05	-3.2	18.22	0.066	7.000	Pass
			RB36#19	21.46	-1.05	-3.2	18.26	0.067	7.000	Pass
			RB36#39	21.38	-1.05	-3.2	18.18	0.066	7.000	Pass
			RB75#0	21.39	-1.05	-3.2	18.19	0.066	7.000	Pass
		16-QAM	RB1#0	21.2	-1.05	-3.2	18.00	0.063	7.000	Pass
			RB1#38	21.27	-1.05	-3.2	18.07	0.064	7.000	Pass
			RB1#74	21.15	-1.05	-3.2	17.95	0.062	7.000	Pass
			RB36#0	20.37	-1.05	-3.2	17.17	0.052	7.000	Pass
			RB36#19	20.4	-1.05	-3.2	17.20	0.052	7.000	Pass
			RB36#39	20.4	-1.05	-3.2	17.20	0.052	7.000	Pass
			RB75#0	20.41	-1.05	-3.2	17.21	0.053	7.000	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 BAND25									
1.4 MHz	LCH	QPSK	RB1#0	22.97	0.32	23.29	0.213	2.000	Pass
			RB1#3	23.18	0.32	23.50	0.224	2.000	Pass
			RB1#5	22.94	0.32	23.26	0.212	2.000	Pass
			RB3#0	23.08	0.32	23.40	0.219	2.000	Pass
			RB3#2	23.15	0.32	23.47	0.222	2.000	Pass
			RB3#3	23.04	0.32	23.36	0.217	2.000	Pass
			RB6#0	22.04	0.32	22.36	0.172	2.000	Pass
		16-QAM	RB1#0	22.04	0.32	22.36	0.172	2.000	Pass
			RB1#3	22.23	0.32	22.55	0.180	2.000	Pass
			RB1#5	22.07	0.32	22.39	0.173	2.000	Pass
			RB3#0	22.06	0.32	22.38	0.173	2.000	Pass
			RB3#2	22.12	0.32	22.44	0.175	2.000	Pass
			RB3#3	22.01	0.32	22.33	0.171	2.000	Pass
			RB6#0	21.19	0.32	21.51	0.142	2.000	Pass
	MCH	QPSK	RB1#0	22.77	0.32	23.09	0.204	2.000	Pass
			RB1#3	22.94	0.32	23.26	0.212	2.000	Pass
			RB1#5	22.75	0.32	23.07	0.203	2.000	Pass
			RB3#0	22.85	0.32	23.17	0.207	2.000	Pass
			RB3#2	22.91	0.32	23.23	0.210	2.000	Pass
			RB3#3	22.85	0.32	23.17	0.207	2.000	Pass
			RB6#0	21.83	0.32	22.15	0.164	2.000	Pass
		16-QAM	RB1#0	22.15	0.32	22.47	0.177	2.000	Pass
			RB1#3	22.31	0.32	22.63	0.183	2.000	Pass
			RB1#5	22.15	0.32	22.47	0.177	2.000	Pass
			RB3#0	22.04	0.32	22.36	0.172	2.000	Pass
			RB3#2	22.05	0.32	22.37	0.173	2.000	Pass
			RB3#3	22.04	0.32	22.36	0.172	2.000	Pass
			RB6#0	20.77	0.32	21.09	0.129	2.000	Pass
	HCH	QPSK	RB1#0	22.77	0.32	23.09	0.204	2.000	Pass
			RB1#3	23.01	0.32	23.33	0.215	2.000	Pass
			RB1#5	22.78	0.32	23.10	0.204	2.000	Pass
			RB3#0	22.84	0.32	23.16	0.207	2.000	Pass
			RB3#2	22.88	0.32	23.20	0.209	2.000	Pass
			RB3#3	22.84	0.32	23.16	0.207	2.000	Pass
			RB6#0	21.85	0.32	22.17	0.165	2.000	Pass
		16-QAM	RB1#0	21.74	0.32	22.06	0.161	2.000	Pass
			RB1#3	21.9	0.32	22.22	0.167	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 BAND25									
			RB1#5	21.7	0.32	22.02	0.159	2.000	Pass
			RB3#0	21.89	0.32	22.21	0.166	2.000	Pass
			RB3#2	21.98	0.32	22.30	0.170	2.000	Pass
			RB3#3	21.95	0.32	22.27	0.169	2.000	Pass
			RB6#0	20.96	0.32	21.28	0.134	2.000	Pass
3 MHz	LCH	QPSK	RB1#0	23.03	0.32	23.35	0.216	2.000	Pass
			RB1#7	23.01	0.32	23.33	0.215	2.000	Pass
			RB1#14	22.99	0.32	23.31	0.214	2.000	Pass
			RB8#0	22.05	0.32	22.37	0.173	2.000	Pass
			RB8#4	22.08	0.32	22.40	0.174	2.000	Pass
			RB8#7	22.05	0.32	22.37	0.173	2.000	Pass
			RB15#0	22.03	0.32	22.35	0.172	2.000	Pass
		16-QAM	RB1#0	21.95	0.32	22.27	0.169	2.000	Pass
			RB1#7	21.92	0.32	22.24	0.167	2.000	Pass
			RB1#14	21.92	0.32	22.24	0.167	2.000	Pass
			RB8#0	21.16	0.32	21.48	0.141	2.000	Pass
			RB8#4	21.17	0.32	21.49	0.141	2.000	Pass
			RB8#7	21.13	0.32	21.45	0.140	2.000	Pass
			RB15#0	21.04	0.32	21.36	0.137	2.000	Pass
	MCH	QPSK	RB1#0	22.84	0.32	23.16	0.207	2.000	Pass
			RB1#7	22.84	0.32	23.16	0.207	2.000	Pass
			RB1#14	22.79	0.32	23.11	0.205	2.000	Pass
			RB8#0	21.83	0.32	22.15	0.164	2.000	Pass
			RB8#4	21.87	0.32	22.19	0.166	2.000	Pass
			RB8#7	21.82	0.32	22.14	0.164	2.000	Pass
			RB15#0	21.82	0.32	22.14	0.164	2.000	Pass
		16-QAM	RB1#0	22.21	0.32	22.53	0.179	2.000	Pass
			RB1#7	22.21	0.32	22.53	0.179	2.000	Pass
			RB1#14	22.24	0.32	22.56	0.180	2.000	Pass
			RB8#0	20.93	0.32	21.25	0.133	2.000	Pass
			RB8#4	20.96	0.32	21.28	0.134	2.000	Pass
			RB8#7	20.91	0.32	21.23	0.133	2.000	Pass
			RB15#0	20.86	0.32	21.18	0.131	2.000	Pass
	HCH	QPSK	RB1#0	22.86	0.32	23.18	0.208	2.000	Pass
			RB1#7	22.84	0.32	23.16	0.207	2.000	Pass
			RB1#14	22.82	0.32	23.14	0.206	2.000	Pass
			RB8#0	21.85	0.32	22.17	0.165	2.000	Pass
			RB8#4	21.84	0.32	22.16	0.164	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 BAND25									
			RB8#7	21.83	0.32	22.15	0.164	2.000	Pass
			RB15#0	21.85	0.32	22.17	0.165	2.000	Pass
		16-QAM	RB1#0	21.85	0.32	22.17	0.165	2.000	Pass
			RB1#7	21.75	0.32	22.07	0.161	2.000	Pass
			RB1#14	21.69	0.32	22.01	0.159	2.000	Pass
			RB8#0	20.89	0.32	21.21	0.132	2.000	Pass
			RB8#4	20.85	0.32	21.17	0.131	2.000	Pass
			RB8#7	20.81	0.32	21.13	0.130	2.000	Pass
			RB15#0	20.79	0.32	21.11	0.129	2.000	Pass
5 MHz	LCH	QPSK	RB1#0	22.93	0.32	23.25	0.211	2.000	Pass
			RB1#13	23.05	0.32	23.37	0.217	2.000	Pass
			RB1#24	22.9	0.32	23.22	0.210	2.000	Pass
			RB12#0	21.92	0.32	22.24	0.167	2.000	Pass
			RB12#6	22.02	0.32	22.34	0.171	2.000	Pass
			RB12#13	21.98	0.32	22.30	0.170	2.000	Pass
			RB25#0	22.03	0.32	22.35	0.172	2.000	Pass
		16-QAM	RB1#0	22.07	0.32	22.39	0.173	2.000	Pass
			RB1#13	22.19	0.32	22.51	0.178	2.000	Pass
			RB1#24	22.06	0.32	22.38	0.173	2.000	Pass
			RB12#0	20.99	0.32	21.31	0.135	2.000	Pass
			RB12#6	21.14	0.32	21.46	0.140	2.000	Pass
			RB12#13	21.04	0.32	21.36	0.137	2.000	Pass
			RB25#0	21.07	0.32	21.39	0.138	2.000	Pass
	MCH	QPSK	RB1#0	22.75	0.32	23.07	0.203	2.000	Pass
			RB1#13	22.87	0.32	23.19	0.208	2.000	Pass
			RB1#24	22.69	0.32	23.01	0.200	2.000	Pass
			RB12#0	21.79	0.32	22.11	0.163	2.000	Pass
			RB12#6	21.89	0.32	22.21	0.166	2.000	Pass
			RB12#13	21.77	0.32	22.09	0.162	2.000	Pass
			RB25#0	21.79	0.32	22.11	0.163	2.000	Pass
		16-QAM	RB1#0	22.24	0.32	22.56	0.180	2.000	Pass
			RB1#13	22.39	0.32	22.71	0.187	2.000	Pass
			RB1#24	22.23	0.32	22.55	0.180	2.000	Pass
			RB12#0	20.96	0.32	21.28	0.134	2.000	Pass
			RB12#6	20.97	0.32	21.29	0.135	2.000	Pass
			RB12#13	20.91	0.32	21.23	0.133	2.000	Pass
			RB25#0	20.89	0.32	21.21	0.132	2.000	Pass
	HCH	QPSK	RB1#0	22.72	0.32	23.04	0.201	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 BAND25									
			RB1#13	22.85	0.32	23.17	0.207	2.000	Pass
			RB1#24	22.67	0.32	22.99	0.199	2.000	Pass
			RB12#0	21.81	0.32	22.13	0.163	2.000	Pass
			RB12#6	21.87	0.32	22.19	0.166	2.000	Pass
			RB12#13	21.79	0.32	22.11	0.163	2.000	Pass
			RB25#0	21.79	0.32	22.11	0.163	2.000	Pass
		16-QAM	RB1#0	21.87	0.32	22.19	0.166	2.000	Pass
			RB1#13	21.95	0.32	22.27	0.169	2.000	Pass
			RB1#24	21.75	0.32	22.07	0.161	2.000	Pass
			RB12#0	20.87	0.32	21.19	0.132	2.000	Pass
			RB12#6	20.91	0.32	21.23	0.133	2.000	Pass
			RB12#13	20.83	0.32	21.15	0.130	2.000	Pass
			RB25#0	20.74	0.32	21.06	0.128	2.000	Pass
10 MHz	LCH	QPSK	RB1#0	22.98	0.32	23.30	0.214	2.000	Pass
			RB1#25	23.21	0.32	23.53	0.225	2.000	Pass
			RB1#49	22.91	0.32	23.23	0.210	2.000	Pass
			RB25#0	21.97	0.32	22.29	0.169	2.000	Pass
			RB25#13	22.03	0.32	22.35	0.172	2.000	Pass
			RB25#25	21.97	0.32	22.29	0.169	2.000	Pass
			RB50#0	21.99	0.32	22.31	0.170	2.000	Pass
		16-QAM	RB1#0	21.95	0.32	22.27	0.169	2.000	Pass
			RB1#25	22.05	0.32	22.37	0.173	2.000	Pass
			RB1#49	21.82	0.32	22.14	0.164	2.000	Pass
			RB25#0	20.99	0.32	21.31	0.135	2.000	Pass
			RB25#13	21.03	0.32	21.35	0.136	2.000	Pass
			RB25#25	20.97	0.32	21.29	0.135	2.000	Pass
			RB50#0	20.98	0.32	21.30	0.135	2.000	Pass
	MCH	QPSK	RB1#0	22.81	0.32	23.13	0.206	2.000	Pass
			RB1#25	22.96	0.32	23.28	0.213	2.000	Pass
			RB1#49	22.72	0.32	23.04	0.201	2.000	Pass
			RB25#0	21.88	0.32	22.20	0.166	2.000	Pass
			RB25#13	21.84	0.32	22.16	0.164	2.000	Pass
			RB25#25	21.78	0.32	22.10	0.162	2.000	Pass
			RB50#0	21.87	0.32	22.19	0.166	2.000	Pass
		16-QAM	RB1#0	22.26	0.32	22.58	0.181	2.000	Pass
			RB1#25	22.39	0.32	22.71	0.187	2.000	Pass
			RB1#49	22.11	0.32	22.43	0.175	2.000	Pass
			RB25#0	20.93	0.32	21.25	0.133	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 BAND25									
			RB25#13	20.89	0.32	21.21	0.132	2.000	Pass
			RB25#25	20.83	0.32	21.15	0.130	2.000	Pass
			RB50#0	20.89	0.32	21.21	0.132	2.000	Pass
	HCH	QPSK	RB1#0	22.76	0.32	23.08	0.203	2.000	Pass
			RB1#25	22.97	0.32	23.29	0.213	2.000	Pass
			RB1#49	22.87	0.32	23.19	0.208	2.000	Pass
			RB25#0	21.85	0.32	22.17	0.165	2.000	Pass
			RB25#13	21.86	0.32	22.18	0.165	2.000	Pass
			RB25#25	21.78	0.32	22.10	0.162	2.000	Pass
			RB50#0	21.84	0.32	22.16	0.164	2.000	Pass
		16-QAM	RB1#0	21.8	0.32	22.12	0.163	2.000	Pass
			RB1#25	21.98	0.32	22.30	0.170	2.000	Pass
			RB1#49	21.68	0.32	22.00	0.158	2.000	Pass
			RB25#0	20.99	0.32	21.31	0.135	2.000	Pass
			RB25#13	20.95	0.32	21.27	0.134	2.000	Pass
			RB25#25	20.9	0.32	21.22	0.132	2.000	Pass
			RB50#0	20.87	0.32	21.19	0.132	2.000	Pass
15 MHz	LCH	QPSK	RB1#0	22.93	0.32	23.25	0.211	2.000	Pass
			RB1#38	23.03	0.32	23.35	0.216	2.000	Pass
			RB1#74	22.89	0.32	23.21	0.209	2.000	Pass
			RB36#0	22.08	0.32	22.40	0.174	2.000	Pass
			RB36#19	22.12	0.32	22.44	0.175	2.000	Pass
			RB36#39	22.11	0.32	22.43	0.175	2.000	Pass
			RB75#0	22.08	0.32	22.40	0.174	2.000	Pass
		16-QAM	RB1#0	21.89	0.32	22.21	0.166	2.000	Pass
			RB1#38	21.95	0.32	22.27	0.169	2.000	Pass
			RB1#74	21.83	0.32	22.15	0.164	2.000	Pass
			RB36#0	21.02	0.32	21.34	0.136	2.000	Pass
			RB36#19	21.06	0.32	21.38	0.137	2.000	Pass
			RB36#39	21.04	0.32	21.36	0.137	2.000	Pass
			RB75#0	21.05	0.32	21.37	0.137	2.000	Pass
	MCH	QPSK	RB1#0	22.84	0.32	23.16	0.207	2.000	Pass
			RB1#38	22.83	0.32	23.15	0.207	2.000	Pass
			RB1#74	22.69	0.32	23.01	0.200	2.000	Pass
			RB36#0	21.92	0.32	22.24	0.167	2.000	Pass
			RB36#19	21.86	0.32	22.18	0.165	2.000	Pass
			RB36#39	21.84	0.32	22.16	0.164	2.000	Pass
			RB75#0	21.88	0.32	22.20	0.166	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 BAND25									
			RB1#0	22.22	0.32	22.54	0.179	2.000	Pass
			RB1#38	22.24	0.32	22.56	0.180	2.000	Pass
			RB1#74	22.03	0.32	22.35	0.172	2.000	Pass
		16-QAM	RB36#0	20.96	0.32	21.28	0.134	2.000	Pass
			RB36#19	20.91	0.32	21.23	0.133	2.000	Pass
			RB36#39	20.88	0.32	21.20	0.132	2.000	Pass
			RB75#0	20.86	0.32	21.18	0.131	2.000	Pass
	HCH		RB1#0	22.75	0.32	23.07	0.203	2.000	Pass
			RB1#38	22.85	0.32	23.17	0.207	2.000	Pass
			RB1#74	22.73	0.32	23.05	0.202	2.000	Pass
		QPSK	RB36#0	21.91	0.32	22.23	0.167	2.000	Pass
			RB36#19	21.87	0.32	22.19	0.166	2.000	Pass
			RB36#39	21.88	0.32	22.20	0.166	2.000	Pass
			RB75#0	21.93	0.32	22.25	0.168	2.000	Pass
			RB1#0	22.16	0.32	22.48	0.177	2.000	Pass
			RB1#38	22.33	0.32	22.65	0.184	2.000	Pass
			RB1#74	22.01	0.32	22.33	0.171	2.000	Pass
		16-QAM	RB36#0	20.88	0.32	21.20	0.132	2.000	Pass
			RB36#19	20.9	0.32	21.22	0.132	2.000	Pass
			RB36#39	20.82	0.32	21.14	0.130	2.000	Pass
			RB75#0	20.91	0.32	21.23	0.133	2.000	Pass
20 MHz	LCH		RB1#0	22.8	0.32	23.12	0.205	2.000	Pass
			RB1#50	23.19	0.32	23.51	0.224	2.000	Pass
			RB1#99	22.74	0.32	23.06	0.202	2.000	Pass
		QPSK	RB50#0	21.98	0.32	22.30	0.170	2.000	Pass
			RB50#25	22.08	0.32	22.40	0.174	2.000	Pass
			RB50#50	21.99	0.32	22.31	0.170	2.000	Pass
			RB100#0	22.02	0.32	22.34	0.171	2.000	Pass
			RB1#0	22.3	0.32	22.62	0.183	2.000	Pass
			RB1#50	22.64	0.32	22.96	0.198	2.000	Pass
			RB1#99	22.22	0.32	22.54	0.179	2.000	Pass
		16-QAM	RB50#0	21.01	0.32	21.33	0.136	2.000	Pass
			RB50#25	21.07	0.32	21.39	0.138	2.000	Pass
			RB50#50	21.03	0.32	21.35	0.136	2.000	Pass
			RB100#0	21.05	0.32	21.37	0.137	2.000	Pass
	MCH		RB1#0	22.73	0.32	23.05	0.202	2.000	Pass
		QPSK	RB1#50	23.08	0.32	23.40	0.219	2.000	Pass
			RB1#99	22.56	0.32	22.88	0.194	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 BAND25									
			RB50#0	21.93	0.32	22.25	0.168	2.000	Pass
			RB50#25	21.89	0.32	22.21	0.166	2.000	Pass
			RB50#50	21.81	0.32	22.13	0.163	2.000	Pass
			RB100#0	21.88	0.32	22.20	0.166	2.000	Pass
		16-QAM	RB1#0	22.17	0.32	22.49	0.177	2.000	Pass
			RB1#50	22.44	0.32	22.76	0.189	2.000	Pass
			RB1#99	21.96	0.32	22.28	0.169	2.000	Pass
			RB50#0	20.95	0.32	21.27	0.134	2.000	Pass
			RB50#25	20.92	0.32	21.24	0.133	2.000	Pass
			RB50#50	20.86	0.32	21.18	0.131	2.000	Pass
			RB100#0	20.9	0.32	21.22	0.132	2.000	Pass
	HCH	QPSK	RB1#0	22.52	0.32	22.84	0.192	2.000	Pass
			RB1#50	22.96	0.32	23.28	0.213	2.000	Pass
			RB1#99	22.51	0.32	22.83	0.192	2.000	Pass
			RB50#0	21.94	0.32	22.26	0.168	2.000	Pass
			RB50#25	21.89	0.32	22.21	0.166	2.000	Pass
			RB50#50	21.81	0.32	22.13	0.163	2.000	Pass
			RB100#0	21.91	0.32	22.23	0.167	2.000	Pass
		16-QAM	RB1#0	21.9	0.32	22.22	0.167	2.000	Pass
			RB1#50	22.4	0.32	22.72	0.187	2.000	Pass
			RB1#99	21.87	0.32	22.19	0.166	2.000	Pass
			RB50#0	20.93	0.32	21.25	0.133	2.000	Pass
			RB50#25	20.88	0.32	21.20	0.132	2.000	Pass
			RB50#50	20.83	0.32	21.15	0.130	2.000	Pass
			RB100#0	20.89	0.32	21.21	0.132	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part22)										
1.4 MHz	LCH	QPSK	RB1#0	22.34	-1.05	-3.2	19.14	0.082	7.000	Pass
			RB1#3	22.51	-1.05	-3.2	19.31	0.085	7.000	Pass
			RB1#5	22.37	-1.05	-3.2	19.17	0.083	7.000	Pass
			RB3#0	22.47	-1.05	-3.2	19.27	0.085	7.000	Pass
			RB3#2	22.48	-1.05	-3.2	19.28	0.085	7.000	Pass
			RB3#3	22.46	-1.05	-3.2	19.26	0.084	7.000	Pass
			RB6#0	21.43	-1.05	-3.2	18.23	0.067	7.000	Pass
		16-QAM	RB1#0	21.51	-1.05	-3.2	18.31	0.068	7.000	Pass
			RB1#3	21.69	-1.05	-3.2	18.49	0.071	7.000	Pass
			RB1#5	21.49	-1.05	-3.2	18.29	0.067	7.000	Pass
			RB3#0	21.49	-1.05	-3.2	18.29	0.067	7.000	Pass
			RB3#2	21.53	-1.05	-3.2	18.33	0.068	7.000	Pass
			RB3#3	21.51	-1.05	-3.2	18.31	0.068	7.000	Pass
			RB6#0	20.59	-1.05	-3.2	17.39	0.055	7.000	Pass
	MCH	QPSK	RB1#0	22.41	-1.05	-3.2	19.21	0.083	7.000	Pass
			RB1#3	22.6	-1.05	-3.2	19.40	0.087	7.000	Pass
			RB1#5	22.41	-1.05	-3.2	19.21	0.083	7.000	Pass
			RB3#0	22.48	-1.05	-3.2	19.28	0.085	7.000	Pass
			RB3#2	22.54	-1.05	-3.2	19.34	0.086	7.000	Pass
			RB3#3	22.48	-1.05	-3.2	19.28	0.085	7.000	Pass
			RB6#0	21.46	-1.05	-3.2	18.26	0.067	7.000	Pass
		16-QAM	RB1#0	21.81	-1.05	-3.2	18.61	0.073	7.000	Pass
			RB1#3	21.95	-1.05	-3.2	18.75	0.075	7.000	Pass
			RB1#5	21.81	-1.05	-3.2	18.61	0.073	7.000	Pass
			RB3#0	21.69	-1.05	-3.2	18.49	0.071	7.000	Pass
			RB3#2	21.7	-1.05	-3.2	18.50	0.071	7.000	Pass
			RB3#3	21.7	-1.05	-3.2	18.50	0.071	7.000	Pass
			RB6#0	20.39	-1.05	-3.2	17.19	0.052	7.000	Pass
	HCH	QPSK	RB1#0	22.34	-1.05	-3.2	19.14	0.082	7.000	Pass
			RB1#3	22.49	-1.05	-3.2	19.29	0.085	7.000	Pass
			RB1#5	22.32	-1.05	-3.2	19.12	0.082	7.000	Pass
			RB3#0	22.39	-1.05	-3.2	19.19	0.083	7.000	Pass
			RB3#2	22.46	-1.05	-3.2	19.26	0.084	7.000	Pass
			RB3#3	22.45	-1.05	-3.2	19.25	0.084	7.000	Pass
			RB6#0	21.39	-1.05	-3.2	18.19	0.066	7.000	Pass
		16-QAM	RB1#0	21.4	-1.05	-3.2	18.20	0.066	7.000	Pass
			RB1#3	21.54	-1.05	-3.2	18.34	0.068	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part22)										
			RB1#5	21.35	-1.05	-3.2	18.15	0.065	7.000	Pass
			RB3#0	21.55	-1.05	-3.2	18.35	0.068	7.000	Pass
			RB3#2	21.61	-1.05	-3.2	18.41	0.069	7.000	Pass
			RB3#3	21.55	-1.05	-3.2	18.35	0.068	7.000	Pass
			RB6#0	20.56	-1.05	-3.2	17.36	0.054	7.000	Pass
3 MHz	LCH	QPSK	RB1#0	22.37	-1.05	-3.2	19.17	0.083	7.000	Pass
			RB1#7	22.38	-1.05	-3.2	19.18	0.083	7.000	Pass
			RB1#14	22.36	-1.05	-3.2	19.16	0.082	7.000	Pass
			RB8#0	21.42	-1.05	-3.2	18.22	0.066	7.000	Pass
			RB8#4	21.48	-1.05	-3.2	18.28	0.067	7.000	Pass
			RB8#7	21.39	-1.05	-3.2	18.19	0.066	7.000	Pass
			RB15#0	21.42	-1.05	-3.2	18.22	0.066	7.000	Pass
		16-QAM	RB1#0	21.34	-1.05	-3.2	18.14	0.065	7.000	Pass
			RB1#7	21.35	-1.05	-3.2	18.15	0.065	7.000	Pass
			RB1#14	21.29	-1.05	-3.2	18.09	0.064	7.000	Pass
			RB8#0	20.55	-1.05	-3.2	17.35	0.054	7.000	Pass
			RB8#4	20.59	-1.05	-3.2	17.39	0.055	7.000	Pass
			RB8#7	20.54	-1.05	-3.2	17.34	0.054	7.000	Pass
			RB15#0	20.46	-1.05	-3.2	17.26	0.053	7.000	Pass
	MCH	QPSK	RB1#0	22.42	-1.05	-3.2	19.22	0.084	7.000	Pass
			RB1#7	22.49	-1.05	-3.2	19.29	0.085	7.000	Pass
			RB1#14	22.36	-1.05	-3.2	19.16	0.082	7.000	Pass
			RB8#0	21.48	-1.05	-3.2	18.28	0.067	7.000	Pass
			RB8#4	21.52	-1.05	-3.2	18.32	0.068	7.000	Pass
			RB8#7	21.5	-1.05	-3.2	18.30	0.068	7.000	Pass
			RB15#0	21.49	-1.05	-3.2	18.29	0.067	7.000	Pass
		16-QAM	RB1#0	21.79	-1.05	-3.2	18.59	0.072	7.000	Pass
			RB1#7	21.81	-1.05	-3.2	18.61	0.073	7.000	Pass
			RB1#14	21.78	-1.05	-3.2	18.58	0.072	7.000	Pass
			RB8#0	20.57	-1.05	-3.2	17.37	0.055	7.000	Pass
			RB8#4	20.61	-1.05	-3.2	17.41	0.055	7.000	Pass
			RB8#7	20.55	-1.05	-3.2	17.35	0.054	7.000	Pass
			RB15#0	20.51	-1.05	-3.2	17.31	0.054	7.000	Pass
	HCH	QPSK	RB1#0	22.44	-1.05	-3.2	19.24	0.084	7.000	Pass
			RB1#7	22.42	-1.05	-3.2	19.22	0.084	7.000	Pass
			RB1#14	22.34	-1.05	-3.2	19.14	0.082	7.000	Pass
			RB8#0	21.41	-1.05	-3.2	18.21	0.066	7.000	Pass
			RB8#4	21.45	-1.05	-3.2	18.25	0.067	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part22)										
			RB8#7	21.35	-1.05	-3.2	18.15	0.065	7.000	Pass
			RB15#0	21.43	-1.05	-3.2	18.23	0.067	7.000	Pass
		16-QAM	RB1#0	21.46	-1.05	-3.2	18.26	0.067	7.000	Pass
			RB1#7	21.41	-1.05	-3.2	18.21	0.066	7.000	Pass
			RB1#14	21.34	-1.05	-3.2	18.14	0.065	7.000	Pass
			RB8#0	20.45	-1.05	-3.2	17.25	0.053	7.000	Pass
			RB8#4	20.49	-1.05	-3.2	17.29	0.054	7.000	Pass
			RB8#7	20.41	-1.05	-3.2	17.21	0.053	7.000	Pass
			RB15#0	20.37	-1.05	-3.2	17.17	0.052	7.000	Pass
5 MHz	LCH	QPSK	RB1#0	22.3	-1.05	-3.2	19.10	0.081	7.000	Pass
			RB1#13	22.45	-1.05	-3.2	19.25	0.084	7.000	Pass
			RB1#24	22.37	-1.05	-3.2	19.17	0.083	7.000	Pass
			RB12#0	21.4	-1.05	-3.2	18.20	0.066	7.000	Pass
			RB12#6	21.5	-1.05	-3.2	18.30	0.068	7.000	Pass
			RB12#13	21.34	-1.05	-3.2	18.14	0.065	7.000	Pass
			RB25#0	21.41	-1.05	-3.2	18.21	0.066	7.000	Pass
		16-QAM	RB1#0	21.49	-1.05	-3.2	18.29	0.067	7.000	Pass
			RB1#13	21.65	-1.05	-3.2	18.45	0.070	7.000	Pass
			RB1#24	21.53	-1.05	-3.2	18.33	0.068	7.000	Pass
			RB12#0	20.45	-1.05	-3.2	17.25	0.053	7.000	Pass
			RB12#6	20.57	-1.05	-3.2	17.37	0.055	7.000	Pass
			RB12#13	20.48	-1.05	-3.2	17.28	0.053	7.000	Pass
			RB25#0	20.5	-1.05	-3.2	17.30	0.054	7.000	Pass
	MCH	QPSK	RB1#0	22.34	-1.05	-3.2	19.14	0.082	7.000	Pass
			RB1#13	22.47	-1.05	-3.2	19.27	0.085	7.000	Pass
			RB1#24	22.33	-1.05	-3.2	19.13	0.082	7.000	Pass
			RB12#0	21.37	-1.05	-3.2	18.17	0.066	7.000	Pass
			RB12#6	21.51	-1.05	-3.2	18.31	0.068	7.000	Pass
			RB12#13	21.47	-1.05	-3.2	18.27	0.067	7.000	Pass
			RB25#0	21.44	-1.05	-3.2	18.24	0.067	7.000	Pass
		16-QAM	RB1#0	21.87	-1.05	-3.2	18.67	0.074	7.000	Pass
			RB1#13	21.99	-1.05	-3.2	18.79	0.076	7.000	Pass
			RB1#24	21.8	-1.05	-3.2	18.60	0.072	7.000	Pass
			RB12#0	20.56	-1.05	-3.2	17.36	0.054	7.000	Pass
			RB12#6	20.65	-1.05	-3.2	17.45	0.056	7.000	Pass
			RB12#13	20.58	-1.05	-3.2	17.38	0.055	7.000	Pass
			RB25#0	20.56	-1.05	-3.2	17.36	0.054	7.000	Pass
	HCH	QPSK	RB1#0	22.25	-1.05	-3.2	19.05	0.080	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part22)										
			RB1#13	22.43	-1.05	-3.2	19.23	0.084	7.000	Pass
			RB1#24	22.27	-1.05	-3.2	19.07	0.081	7.000	Pass
			RB12#0	21.44	-1.05	-3.2	18.24	0.067	7.000	Pass
			RB12#6	21.44	-1.05	-3.2	18.24	0.067	7.000	Pass
			RB12#13	21.31	-1.05	-3.2	18.11	0.065	7.000	Pass
			RB25#0	21.37	-1.05	-3.2	18.17	0.066	7.000	Pass
		16-QAM	RB1#0	21.41	-1.05	-3.2	18.21	0.066	7.000	Pass
			RB1#13	21.52	-1.05	-3.2	18.32	0.068	7.000	Pass
			RB1#24	21.39	-1.05	-3.2	18.19	0.066	7.000	Pass
			RB12#0	20.5	-1.05	-3.2	17.30	0.054	7.000	Pass
			RB12#6	20.52	-1.05	-3.2	17.32	0.054	7.000	Pass
			RB12#13	20.39	-1.05	-3.2	17.19	0.052	7.000	Pass
			RB25#0	20.4	-1.05	-3.2	17.20	0.052	7.000	Pass
10 MHz	MCH	QPSK	RB1#0	22.35	-1.05	-3.2	19.15	0.082	7.000	Pass
			RB1#25	22.54	-1.05	-3.2	19.34	0.086	7.000	Pass
			RB1#49	22.39	-1.05	-3.2	19.19	0.083	7.000	Pass
			RB25#0	21.45	-1.05	-3.2	18.25	0.067	7.000	Pass
			RB25#13	21.45	-1.05	-3.2	18.25	0.067	7.000	Pass
			RB25#25	21.45	-1.05	-3.2	18.25	0.067	7.000	Pass
			RB50#0	21.48	-1.05	-3.2	18.28	0.067	7.000	Pass
		16-QAM	RB1#0	21.3	-1.05	-3.2	18.10	0.065	7.000	Pass
			RB1#25	21.54	-1.05	-3.2	18.34	0.068	7.000	Pass
			RB1#49	21.37	-1.05	-3.2	18.17	0.066	7.000	Pass
			RB25#0	20.54	-1.05	-3.2	17.34	0.054	7.000	Pass
			RB25#13	20.51	-1.05	-3.2	17.31	0.054	7.000	Pass
			RB25#25	20.54	-1.05	-3.2	17.34	0.054	7.000	Pass
			RB50#0	20.5	-1.05	-3.2	17.30	0.054	7.000	Pass
	MCH	QPSK	RB1#0	22.39	-1.05	-3.2	19.19	0.083	7.000	Pass
			RB1#25	22.58	-1.05	-3.2	19.38	0.087	7.000	Pass
			RB1#49	22.38	-1.05	-3.2	19.18	0.083	7.000	Pass
			RB25#0	21.45	-1.05	-3.2	18.25	0.067	7.000	Pass
			RB25#13	21.5	-1.05	-3.2	18.30	0.068	7.000	Pass
			RB25#25	21.48	-1.05	-3.2	18.28	0.067	7.000	Pass
			RB50#0	21.45	-1.05	-3.2	18.25	0.067	7.000	Pass
		16-QAM	RB1#0	21.73	-1.05	-3.2	18.53	0.071	7.000	Pass
			RB1#25	21.92	-1.05	-3.2	18.72	0.074	7.000	Pass
			RB1#49	21.77	-1.05	-3.2	18.57	0.072	7.000	Pass
			RB25#0	20.51	-1.05	-3.2	17.31	0.054	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part22)										
			RB25#13	20.55	-1.05	-3.2	17.35	0.054	7.000	Pass
			RB25#25	20.51	-1.05	-3.2	17.31	0.054	7.000	Pass
			RB50#0	20.52	-1.05	-3.2	17.32	0.054	7.000	Pass
	HCH	QPSK	RB1#0	22.41	-1.05	-3.2	19.21	0.083	7.000	Pass
			RB1#25	22.59	-1.05	-3.2	19.39	0.087	7.000	Pass
			RB1#49	22.27	-1.05	-3.2	19.07	0.081	7.000	Pass
			RB25#0	21.43	-1.05	-3.2	18.23	0.067	7.000	Pass
			RB25#13	21.45	-1.05	-3.2	18.25	0.067	7.000	Pass
			RB25#25	21.29	-1.05	-3.2	18.09	0.064	7.000	Pass
			RB50#0	21.38	-1.05	-3.2	18.18	0.066	7.000	Pass
		16-QAM	RB1#0	21.43	-1.05	-3.2	18.23	0.067	7.000	Pass
			RB1#25	21.57	-1.05	-3.2	18.37	0.069	7.000	Pass
			RB1#49	21.28	-1.05	-3.2	18.08	0.064	7.000	Pass
			RB25#0	20.55	-1.05	-3.2	17.35	0.054	7.000	Pass
			RB25#13	20.55	-1.05	-3.2	17.35	0.054	7.000	Pass
			RB25#25	20.4	-1.05	-3.2	17.20	0.052	7.000	Pass
			RB50#0	20.48	-1.05	-3.2	17.28	0.053	7.000	Pass
15 MHz	LCH	QPSK	RB1#0	22.19	-1.05	-3.2	18.99	0.079	7.000	Pass
			RB1#38	22.4	-1.05	-3.2	19.20	0.083	7.000	Pass
			RB1#74	22.28	-1.05	-3.2	19.08	0.081	7.000	Pass
			RB36#0	21.43	-1.05	-3.2	18.23	0.067	7.000	Pass
			RB36#19	21.51	-1.05	-3.2	18.31	0.068	7.000	Pass
			RB36#39	21.5	-1.05	-3.2	18.30	0.068	7.000	Pass
			RB75#0	21.48	-1.05	-3.2	18.28	0.067	7.000	Pass
		16-QAM	RB1#0	21.2	-1.05	-3.2	18.00	0.063	7.000	Pass
			RB1#38	21.36	-1.05	-3.2	18.16	0.065	7.000	Pass
			RB1#74	21.31	-1.05	-3.2	18.11	0.065	7.000	Pass
			RB36#0	20.43	-1.05	-3.2	17.23	0.053	7.000	Pass
			RB36#19	20.48	-1.05	-3.2	17.28	0.053	7.000	Pass
			RB36#39	20.49	-1.05	-3.2	17.29	0.054	7.000	Pass
			RB75#0	20.47	-1.05	-3.2	17.27	0.053	7.000	Pass
	MCH	QPSK	RB1#0	22.3	-1.05	-3.2	19.10	0.081	7.000	Pass
			RB1#38	22.42	-1.05	-3.2	19.22	0.084	7.000	Pass
			RB1#74	22.3	-1.05	-3.2	19.10	0.081	7.000	Pass
			RB36#0	21.43	-1.05	-3.2	18.23	0.067	7.000	Pass
			RB36#19	21.46	-1.05	-3.2	18.26	0.067	7.000	Pass
			RB36#39	21.51	-1.05	-3.2	18.31	0.068	7.000	Pass
			RB75#0	21.48	-1.05	-3.2	18.28	0.067	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part22)										
		16-QAM	RB1#0	21.71	-1.05	-3.2	18.51	0.071	7.000	Pass
			RB1#38	21.81	-1.05	-3.2	18.61	0.073	7.000	Pass
			RB1#74	21.61	-1.05	-3.2	18.41	0.069	7.000	Pass
			RB36#0	20.46	-1.05	-3.2	17.26	0.053	7.000	Pass
			RB36#19	20.51	-1.05	-3.2	17.31	0.054	7.000	Pass
			RB36#39	20.53	-1.05	-3.2	17.33	0.054	7.000	Pass
			RB75#0	20.48	-1.05	-3.2	17.28	0.053	7.000	Pass
	HCH	QPSK	RB1#0	22.3	-1.05	-3.2	19.10	0.081	7.000	Pass
			RB1#38	22.45	-1.05	-3.2	19.25	0.084	7.000	Pass
			RB1#74	22.29	-1.05	-3.2	19.09	0.081	7.000	Pass
			RB36#0	21.45	-1.05	-3.2	18.25	0.067	7.000	Pass
			RB36#19	21.46	-1.05	-3.2	18.26	0.067	7.000	Pass
			RB36#39	21.37	-1.05	-3.2	18.17	0.066	7.000	Pass
			RB75#0	21.41	-1.05	-3.2	18.21	0.066	7.000	Pass
		16-QAM	RB1#0	21.72	-1.05	-3.2	18.52	0.071	7.000	Pass
			RB1#38	21.83	-1.05	-3.2	18.63	0.073	7.000	Pass
			RB1#74	21.65	-1.05	-3.2	18.45	0.070	7.000	Pass
			RB36#0	20.39	-1.05	-3.2	17.19	0.052	7.000	Pass
			RB36#19	20.41	-1.05	-3.2	17.21	0.053	7.000	Pass
			RB36#39	20.29	-1.05	-3.2	17.09	0.051	7.000	Pass
			RB75#0	20.43	-1.05	-3.2	17.23	0.053	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part90)										
1.4 MHz	LCH	QPSK	RB1#0	22.3	-1.05	-3.2	19.10	0.081	100.000	Pass
			RB1#3	22.42	-1.05	-3.2	19.22	0.084	100.000	Pass
			RB1#5	22.26	-1.05	-3.2	19.06	0.081	100.000	Pass
			RB3#0	22.39	-1.05	-3.2	19.19	0.083	100.000	Pass
			RB3#2	22.43	-1.05	-3.2	19.23	0.084	100.000	Pass
			RB3#3	22.32	-1.05	-3.2	19.12	0.082	100.000	Pass
			RB6#0	21.37	-1.05	-3.2	18.17	0.066	100.000	Pass
		16-QAM	RB1#0	21.43	-1.05	-3.2	18.23	0.067	100.000	Pass
			RB1#3	21.61	-1.05	-3.2	18.41	0.069	100.000	Pass
			RB1#5	21.39	-1.05	-3.2	18.19	0.066	100.000	Pass
			RB3#0	21.43	-1.05	-3.2	18.23	0.067	100.000	Pass
			RB3#2	21.44	-1.05	-3.2	18.24	0.067	100.000	Pass
			RB3#3	21.42	-1.05	-3.2	18.22	0.066	100.000	Pass
			RB6#0	20.54	-1.05	-3.2	17.34	0.054	100.000	Pass
	MCH	QPSK	RB1#0	22.32	-1.05	-3.2	19.12	0.082	100.000	Pass
			RB1#3	22.47	-1.05	-3.2	19.27	0.085	100.000	Pass
			RB1#5	22.31	-1.05	-3.2	19.11	0.081	100.000	Pass
			RB3#0	22.38	-1.05	-3.2	19.18	0.083	100.000	Pass
			RB3#2	22.45	-1.05	-3.2	19.25	0.084	100.000	Pass
			RB3#3	22.36	-1.05	-3.2	19.16	0.082	100.000	Pass
			RB6#0	21.38	-1.05	-3.2	18.18	0.066	100.000	Pass
		16-QAM	RB1#0	21.71	-1.05	-3.2	18.51	0.071	100.000	Pass
			RB1#3	21.85	-1.05	-3.2	18.65	0.073	100.000	Pass
			RB1#5	21.72	-1.05	-3.2	18.52	0.071	100.000	Pass
			RB3#0	21.59	-1.05	-3.2	18.39	0.069	100.000	Pass
			RB3#2	21.57	-1.05	-3.2	18.37	0.069	100.000	Pass
			RB3#3	21.6	-1.05	-3.2	18.40	0.069	100.000	Pass
			RB6#0	20.3	-1.05	-3.2	17.10	0.051	100.000	Pass
	HCH	QPSK	RB1#0	22.34	-1.05	-3.2	19.14	0.082	100.000	Pass
			RB1#3	22.55	-1.05	-3.2	19.35	0.086	100.000	Pass
			RB1#5	22.33	-1.05	-3.2	19.13	0.082	100.000	Pass
			RB3#0	22.46	-1.05	-3.2	19.26	0.084	100.000	Pass
			RB3#2	22.5	-1.05	-3.2	19.30	0.085	100.000	Pass
			RB3#3	22.5	-1.05	-3.2	19.30	0.085	100.000	Pass
			RB6#0	21.4	-1.05	-3.2	18.20	0.066	100.000	Pass
		16-QAM	RB1#0	21.37	-1.05	-3.2	18.17	0.066	100.000	Pass
			RB1#3	21.57	-1.05	-3.2	18.37	0.069	100.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part90)										
			RB1#5	21.41	-1.05	-3.2	18.21	0.066	100.000	Pass
			RB3#0	21.61	-1.05	-3.2	18.41	0.069	100.000	Pass
			RB3#2	21.67	-1.05	-3.2	18.47	0.070	100.000	Pass
			RB3#3	21.67	-1.05	-3.2	18.47	0.070	100.000	Pass
			RB6#0	20.61	-1.05	-3.2	17.41	0.055	100.000	Pass
3 MHz	LCH	QPSK	RB1#0	22.33	-1.05	-3.2	19.13	0.082	100.000	Pass
			RB1#7	22.32	-1.05	-3.2	19.12	0.082	100.000	Pass
			RB1#14	22.32	-1.05	-3.2	19.12	0.082	100.000	Pass
			RB8#0	21.35	-1.05	-3.2	18.15	0.065	100.000	Pass
			RB8#4	21.43	-1.05	-3.2	18.23	0.067	100.000	Pass
			RB8#7	21.37	-1.05	-3.2	18.17	0.066	100.000	Pass
			RB15#0	21.35	-1.05	-3.2	18.15	0.065	100.000	Pass
		16-QAM	RB1#0	21.3	-1.05	-3.2	18.10	0.065	100.000	Pass
			RB1#7	21.25	-1.05	-3.2	18.05	0.064	100.000	Pass
			RB1#14	21.23	-1.05	-3.2	18.03	0.064	100.000	Pass
			RB8#0	20.47	-1.05	-3.2	17.27	0.053	100.000	Pass
			RB8#4	20.52	-1.05	-3.2	17.32	0.054	100.000	Pass
			RB8#7	20.49	-1.05	-3.2	17.29	0.054	100.000	Pass
			RB15#0	20.39	-1.05	-3.2	17.19	0.052	100.000	Pass
	MCH	QPSK	RB1#0	22.36	-1.05	-3.2	19.16	0.082	100.000	Pass
			RB1#7	22.35	-1.05	-3.2	19.15	0.082	100.000	Pass
			RB1#14	22.3	-1.05	-3.2	19.10	0.081	100.000	Pass
			RB8#0	21.36	-1.05	-3.2	18.16	0.065	100.000	Pass
			RB8#4	21.41	-1.05	-3.2	18.21	0.066	100.000	Pass
			RB8#7	21.38	-1.05	-3.2	18.18	0.066	100.000	Pass
			RB15#0	21.35	-1.05	-3.2	18.15	0.065	100.000	Pass
		16-QAM	RB1#0	21.71	-1.05	-3.2	18.51	0.071	100.000	Pass
			RB1#7	21.71	-1.05	-3.2	18.51	0.071	100.000	Pass
			RB1#14	21.71	-1.05	-3.2	18.51	0.071	100.000	Pass
			RB8#0	20.45	-1.05	-3.2	17.25	0.053	100.000	Pass
			RB8#4	20.52	-1.05	-3.2	17.32	0.054	100.000	Pass
			RB8#7	20.48	-1.05	-3.2	17.28	0.053	100.000	Pass
			RB15#0	20.43	-1.05	-3.2	17.23	0.053	100.000	Pass
	HCH	QPSK	RB1#0	22.34	-1.05	-3.2	19.14	0.082	100.000	Pass
			RB1#7	22.41	-1.05	-3.2	19.21	0.083	100.000	Pass
			RB1#14	22.4	-1.05	-3.2	19.20	0.083	100.000	Pass
			RB8#0	21.37	-1.05	-3.2	18.17	0.066	100.000	Pass
			RB8#4	21.43	-1.05	-3.2	18.23	0.067	100.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part90)										
			RB8#7	21.37	-1.05	-3.2	18.17	0.066	100.000	Pass
			RB15#0	21.4	-1.05	-3.2	18.20	0.066	100.000	Pass
		16-QAM	RB1#0	21.45	-1.05	-3.2	18.25	0.067	100.000	Pass
			RB1#7	21.44	-1.05	-3.2	18.24	0.067	100.000	Pass
			RB1#14	21.4	-1.05	-3.2	18.20	0.066	100.000	Pass
			RB8#0	20.44	-1.05	-3.2	17.24	0.053	100.000	Pass
			RB8#4	20.48	-1.05	-3.2	17.28	0.053	100.000	Pass
			RB8#7	20.43	-1.05	-3.2	17.23	0.053	100.000	Pass
			RB15#0	20.36	-1.05	-3.2	17.16	0.052	100.000	Pass
5 MHz	LCH	QPSK	RB1#0	22.25	-1.05	-3.2	19.05	0.080	100.000	Pass
			RB1#13	22.37	-1.05	-3.2	19.17	0.083	100.000	Pass
			RB1#24	22.23	-1.05	-3.2	19.03	0.080	100.000	Pass
			RB12#0	21.31	-1.05	-3.2	18.11	0.065	100.000	Pass
			RB12#6	21.44	-1.05	-3.2	18.24	0.067	100.000	Pass
			RB12#13	21.34	-1.05	-3.2	18.14	0.065	100.000	Pass
			RB25#0	21.34	-1.05	-3.2	18.14	0.065	100.000	Pass
		16-QAM	RB1#0	21.39	-1.05	-3.2	18.19	0.066	100.000	Pass
			RB1#13	21.57	-1.05	-3.2	18.37	0.069	100.000	Pass
			RB1#24	21.5	-1.05	-3.2	18.30	0.068	100.000	Pass
			RB12#0	20.42	-1.05	-3.2	17.22	0.053	100.000	Pass
			RB12#6	20.49	-1.05	-3.2	17.29	0.054	100.000	Pass
			RB12#13	20.43	-1.05	-3.2	17.23	0.053	100.000	Pass
			RB25#0	20.4	-1.05	-3.2	17.20	0.052	100.000	Pass
	MCH	QPSK	RB1#0	22.23	-1.05	-3.2	19.03	0.080	100.000	Pass
			RB1#13	22.36	-1.05	-3.2	19.16	0.082	100.000	Pass
			RB1#24	22.33	-1.05	-3.2	19.13	0.082	100.000	Pass
			RB12#0	21.33	-1.05	-3.2	18.13	0.065	100.000	Pass
			RB12#6	21.42	-1.05	-3.2	18.22	0.066	100.000	Pass
			RB12#13	21.38	-1.05	-3.2	18.18	0.066	100.000	Pass
			RB25#0	21.35	-1.05	-3.2	18.15	0.065	100.000	Pass
		16-QAM	RB1#0	21.75	-1.05	-3.2	18.55	0.072	100.000	Pass
			RB1#13	21.87	-1.05	-3.2	18.67	0.074	100.000	Pass
			RB1#24	21.8	-1.05	-3.2	18.60	0.072	100.000	Pass
			RB12#0	20.39	-1.05	-3.2	17.19	0.052	100.000	Pass
			RB12#6	20.54	-1.05	-3.2	17.34	0.054	100.000	Pass
			RB12#13	20.55	-1.05	-3.2	17.35	0.054	100.000	Pass
			RB25#0	20.45	-1.05	-3.2	17.25	0.053	100.000	Pass
	HCH	QPSK	RB1#0	22.22	-1.05	-3.2	19.02	0.080	100.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part90)										
			RB1#13	22.41	-1.05	-3.2	19.21	0.083	100.000	Pass
			RB1#24	22.27	-1.05	-3.2	19.07	0.081	100.000	Pass
			RB12#0	21.3	-1.05	-3.2	18.10	0.065	100.000	Pass
			RB12#6	21.46	-1.05	-3.2	18.26	0.067	100.000	Pass
			RB12#13	21.36	-1.05	-3.2	18.16	0.065	100.000	Pass
			RB25#0	21.39	-1.05	-3.2	18.19	0.066	100.000	Pass
		16-QAM	RB1#0	21.4	-1.05	-3.2	18.20	0.066	100.000	Pass
			RB1#13	21.6	-1.05	-3.2	18.40	0.069	100.000	Pass
			RB1#24	21.45	-1.05	-3.2	18.25	0.067	100.000	Pass
			RB12#0	20.39	-1.05	-3.2	17.19	0.052	100.000	Pass
			RB12#6	20.53	-1.05	-3.2	17.33	0.054	100.000	Pass
			RB12#13	20.45	-1.05	-3.2	17.25	0.053	100.000	Pass
			RB25#0	20.35	-1.05	-3.2	17.15	0.052	100.000	Pass
10 MHz	MCH	QPSK	RB1#0	22.27	-1.05	-3.2	19.07	0.081	100.000	Pass
			RB1#25	22.45	-1.05	-3.2	19.25	0.084	100.000	Pass
			RB1#49	22.34	-1.05	-3.2	19.14	0.082	100.000	Pass
			RB25#0	21.29	-1.05	-3.2	18.09	0.064	100.000	Pass
			RB25#13	21.41	-1.05	-3.2	18.21	0.066	100.000	Pass
			RB25#25	21.43	-1.05	-3.2	18.23	0.067	100.000	Pass
			RB50#0	21.37	-1.05	-3.2	18.17	0.066	100.000	Pass
		16-QAM	RB1#0	21.25	-1.05	-3.2	18.05	0.064	100.000	Pass
			RB1#25	21.38	-1.05	-3.2	18.18	0.066	100.000	Pass
			RB1#49	21.34	-1.05	-3.2	18.14	0.065	100.000	Pass
			RB25#0	20.36	-1.05	-3.2	17.16	0.052	100.000	Pass
			RB25#13	20.45	-1.05	-3.2	17.25	0.053	100.000	Pass
			RB25#25	20.52	-1.05	-3.2	17.32	0.054	100.000	Pass
			RB50#0	20.4	-1.05	-3.2	17.20	0.052	100.000	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 BAND38									
5 MHz	LCH	QPSK	RB1#0	22.16	-0.54	21.62	0.145	2.00	Pass
			RB1#13	22.21	-0.54	21.67	0.147	2.00	Pass
			RB1#24	22.08	-0.54	21.54	0.143	2.00	Pass
			RB12#0	21.13	-0.54	20.59	0.115	2.00	Pass
			RB12#6	21.23	-0.54	20.69	0.117	2.00	Pass
			RB12#13	21.11	-0.54	20.57	0.114	2.00	Pass
			RB25#0	21.15	-0.54	20.61	0.115	2.00	Pass
		16-QAM	RB1#0	21.49	-0.54	20.95	0.124	2.00	Pass
			RB1#13	21.56	-0.54	21.02	0.126	2.00	Pass
			RB1#24	21.43	-0.54	20.89	0.123	2.00	Pass
			RB12#0	20.31	-0.54	19.77	0.095	2.00	Pass
			RB12#6	20.31	-0.54	19.77	0.095	2.00	Pass
			RB12#13	20.29	-0.54	19.75	0.094	2.00	Pass
			RB25#0	20.17	-0.54	19.63	0.092	2.00	Pass
	MCH	QPSK	RB1#0	22.19	-0.54	21.65	0.146	2.00	Pass
			RB1#13	22.3	-0.54	21.76	0.150	2.00	Pass
			RB1#24	22.17	-0.54	21.63	0.146	2.00	Pass
			RB12#0	21.24	-0.54	20.70	0.117	2.00	Pass
			RB12#6	21.32	-0.54	20.78	0.120	2.00	Pass
			RB12#13	21.22	-0.54	20.68	0.117	2.00	Pass
			RB25#0	21.23	-0.54	20.69	0.117	2.00	Pass
		16-QAM	RB1#0	21.4	-0.54	20.86	0.122	2.00	Pass
			RB1#13	21.52	-0.54	20.98	0.125	2.00	Pass
			RB1#24	21.37	-0.54	20.83	0.121	2.00	Pass
			RB12#0	20.3	-0.54	19.76	0.095	2.00	Pass
			RB12#6	20.34	-0.54	19.80	0.095	2.00	Pass
			RB12#13	20.28	-0.54	19.74	0.094	2.00	Pass
			RB25#0	20.26	-0.54	19.72	0.094	2.00	Pass
	HCH	QPSK	RB1#0	21.99	-0.54	21.45	0.140	2.00	Pass
			RB1#13	22.07	-0.54	21.53	0.142	2.00	Pass
			RB1#24	21.93	-0.54	21.39	0.138	2.00	Pass
			RB12#0	21	-0.54	20.46	0.111	2.00	Pass
			RB12#6	21.12	-0.54	20.58	0.114	2.00	Pass
			RB12#13	21.05	-0.54	20.51	0.112	2.00	Pass
			RB25#0	21.03	-0.54	20.49	0.112	2.00	Pass
		16-QAM	RB1#0	21.26	-0.54	20.72	0.118	2.00	Pass
			RB1#13	21.37	-0.54	20.83	0.121	2.00	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 BAND38									
			RB1#24	21.26	-0.54	20.72	0.118	2.00	Pass
			RB12#0	20.02	-0.54	19.48	0.089	2.00	Pass
			RB12#6	20.11	-0.54	19.57	0.091	2.00	Pass
			RB12#13	20.02	-0.54	19.48	0.089	2.00	Pass
			RB25#0	20.08	-0.54	19.54	0.090	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.19	-0.54	21.65	0.146	2.00	Pass
			RB1#25	22.43	-0.54	21.89	0.155	2.00	Pass
			RB1#49	22.14	-0.54	21.60	0.145	2.00	Pass
			RB25#0	21.22	-0.54	20.68	0.117	2.00	Pass
			RB25#13	21.19	-0.54	20.65	0.116	2.00	Pass
			RB25#25	21.16	-0.54	20.62	0.115	2.00	Pass
			RB50#0	21.2	-0.54	20.66	0.116	2.00	Pass
		16-QAM	RB1#0	21.45	-0.54	20.91	0.123	2.00	Pass
			RB1#25	21.68	-0.54	21.14	0.130	2.00	Pass
			RB1#49	21.42	-0.54	20.88	0.122	2.00	Pass
			RB25#0	20.25	-0.54	19.71	0.094	2.00	Pass
			RB25#13	20.19	-0.54	19.65	0.092	2.00	Pass
			RB25#25	20.19	-0.54	19.65	0.092	2.00	Pass
			RB50#0	20.24	-0.54	19.70	0.093	2.00	Pass
	MCH	QPSK	RB1#0	22.32	-0.54	21.78	0.151	2.00	Pass
			RB1#25	22.58	-0.54	22.04	0.160	2.00	Pass
			RB1#49	22.22	-0.54	21.68	0.147	2.00	Pass
			RB25#0	21.32	-0.54	20.78	0.120	2.00	Pass
			RB25#13	21.27	-0.54	20.73	0.118	2.00	Pass
			RB25#25	21.27	-0.54	20.73	0.118	2.00	Pass
			RB50#0	21.29	-0.54	20.75	0.119	2.00	Pass
		16-QAM	RB1#0	21.72	-0.54	21.18	0.131	2.00	Pass
			RB1#25	21.97	-0.54	21.43	0.139	2.00	Pass
			RB1#49	21.62	-0.54	21.08	0.128	2.00	Pass
			RB25#0	20.35	-0.54	19.81	0.096	2.00	Pass
			RB25#13	20.28	-0.54	19.74	0.094	2.00	Pass
			RB25#25	20.27	-0.54	19.73	0.094	2.00	Pass
			RB50#0	20.33	-0.54	19.79	0.095	2.00	Pass
	HCH	QPSK	RB1#0	22.2	-0.54	21.66	0.147	2.00	Pass
			RB1#25	22.42	-0.54	21.88	0.154	2.00	Pass
			RB1#49	22.03	-0.54	21.49	0.141	2.00	Pass
			RB25#0	21.19	-0.54	20.65	0.116	2.00	Pass
			RB25#13	21.12	-0.54	20.58	0.114	2.00	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 BAND38									
			RB25#25	21.1	-0.54	20.56	0.114	2.00	Pass
			RB50#0	21.1	-0.54	20.56	0.114	2.00	Pass
		16-QAM	RB1#0	21.57	-0.54	21.03	0.127	2.00	Pass
			RB1#25	21.77	-0.54	21.23	0.133	2.00	Pass
			RB1#49	21.39	-0.54	20.85	0.122	2.00	Pass
			RB25#0	20.19	-0.54	19.65	0.092	2.00	Pass
			RB25#13	20.16	-0.54	19.62	0.092	2.00	Pass
			RB25#25	20.16	-0.54	19.62	0.092	2.00	Pass
			RB50#0	20.17	-0.54	19.63	0.092	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.1	-0.54	21.56	0.143	2.00	Pass
			RB1#38	22.18	-0.54	21.64	0.146	2.00	Pass
			RB1#74	22.08	-0.54	21.54	0.143	2.00	Pass
			RB36#0	21.24	-0.54	20.70	0.117	2.00	Pass
			RB36#19	21.21	-0.54	20.67	0.117	2.00	Pass
			RB36#39	21.19	-0.54	20.65	0.116	2.00	Pass
			RB75#0	21.22	-0.54	20.68	0.117	2.00	Pass
		16-QAM	RB1#0	21.37	-0.54	20.83	0.121	2.00	Pass
			RB1#38	21.43	-0.54	20.89	0.123	2.00	Pass
			RB1#74	21.3	-0.54	20.76	0.119	2.00	Pass
			RB36#0	20.22	-0.54	19.68	0.093	2.00	Pass
			RB36#19	20.18	-0.54	19.64	0.092	2.00	Pass
			RB36#39	20.15	-0.54	19.61	0.091	2.00	Pass
			RB75#0	20.18	-0.54	19.64	0.092	2.00	Pass
	MCH	QPSK	RB1#0	22.19	-0.54	21.65	0.146	2.00	Pass
			RB1#38	22.34	-0.54	21.80	0.151	2.00	Pass
			RB1#74	22.11	-0.54	21.57	0.144	2.00	Pass
			RB36#0	21.29	-0.54	20.75	0.119	2.00	Pass
			RB36#19	21.3	-0.54	20.76	0.119	2.00	Pass
			RB36#39	21.25	-0.54	20.71	0.118	2.00	Pass
			RB75#0	21.26	-0.54	20.72	0.118	2.00	Pass
		16-QAM	RB1#0	21.64	-0.54	21.10	0.129	2.00	Pass
			RB1#38	21.74	-0.54	21.20	0.132	2.00	Pass
			RB1#74	21.55	-0.54	21.01	0.126	2.00	Pass
			RB36#0	20.25	-0.54	19.71	0.094	2.00	Pass
			RB36#19	20.27	-0.54	19.73	0.094	2.00	Pass
			RB36#39	20.2	-0.54	19.66	0.092	2.00	Pass
			RB75#0	20.26	-0.54	19.72	0.094	2.00	Pass
	HCH	QPSK	RB1#0	22.12	-0.54	21.58	0.144	2.00	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 BAND38									
			RB1#38	22.16	-0.54	21.62	0.145	2.00	Pass
			RB1#74	21.95	-0.54	21.41	0.138	2.00	Pass
			RB36#0	21.24	-0.54	20.70	0.117	2.00	Pass
			RB36#19	21.14	-0.54	20.60	0.115	2.00	Pass
			RB36#39	21.08	-0.54	20.54	0.113	2.00	Pass
			RB75#0	21.14	-0.54	20.60	0.115	2.00	Pass
		16-QAM	RB1#0	21.43	-0.54	20.89	0.123	2.00	Pass
			RB1#38	21.46	-0.54	20.92	0.124	2.00	Pass
			RB1#74	21.25	-0.54	20.71	0.118	2.00	Pass
			RB36#0	20.18	-0.54	19.64	0.092	2.00	Pass
			RB36#19	20.18	-0.54	19.64	0.092	2.00	Pass
			RB36#39	20.09	-0.54	19.55	0.090	2.00	Pass
			RB75#0	20.12	-0.54	19.58	0.091	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	21.97	-0.54	21.43	0.139	2.00	Pass
			RB1#50	22.42	-0.54	21.88	0.154	2.00	Pass
			RB1#99	21.89	-0.54	21.35	0.136	2.00	Pass
			RB50#0	21.22	-0.54	20.68	0.117	2.00	Pass
			RB50#25	21.19	-0.54	20.65	0.116	2.00	Pass
			RB50#50	21.11	-0.54	20.57	0.114	2.00	Pass
			RB100#0	21.15	-0.54	20.61	0.115	2.00	Pass
		16-QAM	RB1#0	21.24	-0.54	20.70	0.117	2.00	Pass
			RB1#50	21.73	-0.54	21.19	0.132	2.00	Pass
			RB1#99	21.2	-0.54	20.66	0.116	2.00	Pass
			RB50#0	20.19	-0.54	19.65	0.092	2.00	Pass
			RB50#25	20.19	-0.54	19.65	0.092	2.00	Pass
			RB50#50	20.12	-0.54	19.58	0.091	2.00	Pass
			RB100#0	20.19	-0.54	19.65	0.092	2.00	Pass
	MCH	QPSK	RB1#0	21.96	-0.54	21.42	0.139	2.00	Pass
			RB1#50	22.49	-0.54	21.95	0.157	2.00	Pass
			RB1#99	21.85	-0.54	21.31	0.135	2.00	Pass
			RB50#0	21.28	-0.54	20.74	0.119	2.00	Pass
			RB50#25	21.32	-0.54	20.78	0.120	2.00	Pass
			RB50#50	21.19	-0.54	20.65	0.116	2.00	Pass
			RB100#0	21.25	-0.54	20.71	0.118	2.00	Pass
		16-QAM	RB1#0	21.19	-0.54	20.65	0.116	2.00	Pass
			RB1#50	21.7	-0.54	21.16	0.131	2.00	Pass
			RB1#99	21.08	-0.54	20.54	0.113	2.00	Pass
			RB50#0	20.32	-0.54	19.78	0.095	2.00	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 BAND38									
			RB50#25	20.31	-0.54	19.77	0.095	2.00	Pass
			RB50#50	20.22	-0.54	19.68	0.093	2.00	Pass
			RB100#0	20.27	-0.54	19.73	0.094	2.00	Pass
	HCH	QPSK	RB1#0	22.01	-0.54	21.47	0.140	2.00	Pass
			RB1#50	22.51	-0.54	21.97	0.157	2.00	Pass
			RB1#99	21.85	-0.54	21.31	0.135	2.00	Pass
			RB50#0	21.13	-0.54	20.59	0.115	2.00	Pass
			RB50#25	21.18	-0.54	20.64	0.116	2.00	Pass
			RB50#50	21.08	-0.54	20.54	0.113	2.00	Pass
			RB100#0	21.16	-0.54	20.62	0.115	2.00	Pass
		16-QAM	RB1#0	21.38	-0.54	20.84	0.121	2.00	Pass
			RB1#50	21.85	-0.54	21.31	0.135	2.00	Pass
			RB1#99	21.16	-0.54	20.62	0.115	2.00	Pass
			RB50#0	20.19	-0.54	19.65	0.092	2.00	Pass
			RB50#25	20.25	-0.54	19.71	0.094	2.00	Pass
			RB50#50	20.16	-0.54	19.62	0.092	2.00	Pass
			RB100#0	20.17	-0.54	19.63	0.092	2.00	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 BAND41									
5 MHz	LCH	QPSK	RB1#0	22.45	-0.27	22.18	0.165	2.00	Pass
			RB1#13	22.53	-0.27	22.26	0.168	2.00	Pass
			RB1#24	22.4	-0.27	22.13	0.163	2.00	Pass
			RB12#0	21.49	-0.27	21.22	0.132	2.00	Pass
			RB12#6	21.55	-0.27	21.28	0.134	2.00	Pass
			RB12#13	21.51	-0.27	21.24	0.133	2.00	Pass
			RB25#0	21.49	-0.27	21.22	0.132	2.00	Pass
		16-QAM	RB1#0	21.61	-0.27	21.34	0.136	2.00	Pass
			RB1#13	21.69	-0.27	21.42	0.139	2.00	Pass
			RB1#24	21.55	-0.27	21.28	0.134	2.00	Pass
			RB12#0	20.53	-0.27	20.26	0.106	2.00	Pass
			RB12#6	20.56	-0.27	20.29	0.107	2.00	Pass
			RB12#13	20.55	-0.27	20.28	0.107	2.00	Pass
			RB25#0	20.52	-0.27	20.25	0.106	2.00	Pass
	MCH	QPSK	RB1#0	22.22	-0.27	21.95	0.157	2.00	Pass
			RB1#13	22.32	-0.27	22.05	0.160	2.00	Pass
			RB1#24	22.18	-0.27	21.91	0.155	2.00	Pass
			RB12#0	21.3	-0.27	21.03	0.127	2.00	Pass
			RB12#6	21.32	-0.27	21.05	0.127	2.00	Pass
			RB12#13	21.24	-0.27	20.97	0.125	2.00	Pass
			RB25#0	21.26	-0.27	20.99	0.126	2.00	Pass
		16-QAM	RB1#0	21.51	-0.27	21.24	0.133	2.00	Pass
			RB1#13	21.61	-0.27	21.34	0.136	2.00	Pass
			RB1#24	21.47	-0.27	21.20	0.132	2.00	Pass
			RB12#0	20.28	-0.27	20.01	0.100	2.00	Pass
			RB12#6	20.35	-0.27	20.08	0.102	2.00	Pass
			RB12#13	20.25	-0.27	19.98	0.100	2.00	Pass
			RB25#0	20.3	-0.27	20.03	0.101	2.00	Pass
	HCH	QPSK	RB1#0	22.08	-0.27	21.81	0.152	2.00	Pass
			RB1#13	22.24	-0.27	21.97	0.157	2.00	Pass
			RB1#24	22.16	-0.27	21.89	0.155	2.00	Pass
			RB12#0	21.15	-0.27	20.88	0.122	2.00	Pass
			RB12#6	21.25	-0.27	20.98	0.125	2.00	Pass
			RB12#13	21.2	-0.27	20.93	0.124	2.00	Pass
			RB25#0	21.13	-0.27	20.86	0.122	2.00	Pass
		16-QAM	RB1#0	21.49	-0.27	21.22	0.132	2.00	Pass
			RB1#13	21.61	-0.27	21.34	0.136	2.00	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 BAND41									
			RB1#24	21.53	-0.27	21.26	0.134	2.00	Pass
			RB12#0	20.28	-0.27	20.01	0.100	2.00	Pass
			RB12#6	20.38	-0.27	20.11	0.103	2.00	Pass
			RB12#13	20.31	-0.27	20.04	0.101	2.00	Pass
			RB25#0	20.21	-0.27	19.94	0.099	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.49	-0.27	22.22	0.167	2.00	Pass
			RB1#25	22.78	-0.27	22.51	0.178	2.00	Pass
			RB1#49	22.37	-0.27	22.10	0.162	2.00	Pass
			RB25#0	21.51	-0.27	21.24	0.133	2.00	Pass
			RB25#13	21.51	-0.27	21.24	0.133	2.00	Pass
			RB25#25	21.54	-0.27	21.27	0.134	2.00	Pass
			RB50#0	21.51	-0.27	21.24	0.133	2.00	Pass
		16-QAM	RB1#0	21.69	-0.27	21.42	0.139	2.00	Pass
			RB1#25	21.93	-0.27	21.66	0.147	2.00	Pass
			RB1#49	21.57	-0.27	21.30	0.135	2.00	Pass
			RB25#0	20.51	-0.27	20.24	0.106	2.00	Pass
			RB25#13	20.51	-0.27	20.24	0.106	2.00	Pass
			RB25#25	20.54	-0.27	20.27	0.106	2.00	Pass
			RB50#0	20.51	-0.27	20.24	0.106	2.00	Pass
	MCH	QPSK	RB1#0	22.33	-0.27	22.06	0.161	2.00	Pass
			RB1#25	22.62	-0.27	22.35	0.172	2.00	Pass
			RB1#49	22.26	-0.27	21.99	0.158	2.00	Pass
			RB25#0	21.37	-0.27	21.10	0.129	2.00	Pass
			RB25#13	21.33	-0.27	21.06	0.128	2.00	Pass
			RB25#25	21.28	-0.27	21.01	0.126	2.00	Pass
			RB50#0	21.32	-0.27	21.05	0.127	2.00	Pass
		16-QAM	RB1#0	21.75	-0.27	21.48	0.141	2.00	Pass
			RB1#25	22.03	-0.27	21.76	0.150	2.00	Pass
			RB1#49	21.7	-0.27	21.43	0.139	2.00	Pass
			RB25#0	20.36	-0.27	20.09	0.102	2.00	Pass
			RB25#13	20.37	-0.27	20.10	0.102	2.00	Pass
			RB25#25	20.32	-0.27	20.05	0.101	2.00	Pass
			RB50#0	20.38	-0.27	20.11	0.103	2.00	Pass
	HCH	QPSK	RB1#0	22.16	-0.27	21.89	0.155	2.00	Pass
			RB1#25	22.51	-0.27	22.24	0.167	2.00	Pass
			RB1#49	22.24	-0.27	21.97	0.157	2.00	Pass
			RB25#0	21.2	-0.27	20.93	0.124	2.00	Pass
			RB25#13	21.22	-0.27	20.95	0.124	2.00	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 BAND41									
			RB25#25	21.23	-0.27	20.96	0.125	2.00	Pass
			RB50#0	21.19	-0.27	20.92	0.124	2.00	Pass
		16-QAM	RB1#0	21.54	-0.27	21.27	0.134	2.00	Pass
			RB1#25	21.88	-0.27	21.61	0.145	2.00	Pass
			RB1#49	21.63	-0.27	21.36	0.137	2.00	Pass
			RB25#0	20.24	-0.27	19.97	0.099	2.00	Pass
			RB25#13	20.26	-0.27	19.99	0.100	2.00	Pass
			RB25#25	20.28	-0.27	20.01	0.100	2.00	Pass
			RB50#0	20.25	-0.27	19.98	0.100	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.44	-0.27	22.17	0.165	2.00	Pass
			RB1#38	22.51	-0.27	22.24	0.167	2.00	Pass
			RB1#74	22.28	-0.27	22.01	0.159	2.00	Pass
			RB36#0	21.57	-0.27	21.30	0.135	2.00	Pass
			RB36#19	21.61	-0.27	21.34	0.136	2.00	Pass
			RB36#39	21.54	-0.27	21.27	0.134	2.00	Pass
			RB75#0	21.59	-0.27	21.32	0.136	2.00	Pass
		16-QAM	RB1#0	21.63	-0.27	21.36	0.137	2.00	Pass
			RB1#38	21.66	-0.27	21.39	0.138	2.00	Pass
			RB1#74	21.48	-0.27	21.21	0.132	2.00	Pass
			RB36#0	20.52	-0.27	20.25	0.106	2.00	Pass
			RB36#19	20.52	-0.27	20.25	0.106	2.00	Pass
			RB36#39	20.49	-0.27	20.22	0.105	2.00	Pass
			RB75#0	20.51	-0.27	20.24	0.106	2.00	Pass
	MCH	QPSK	RB1#0	22.25	-0.27	21.98	0.158	2.00	Pass
			RB1#38	22.34	-0.27	22.07	0.161	2.00	Pass
			RB1#74	22.2	-0.27	21.93	0.156	2.00	Pass
			RB36#0	21.35	-0.27	21.08	0.128	2.00	Pass
			RB36#19	21.35	-0.27	21.08	0.128	2.00	Pass
			RB36#39	21.29	-0.27	21.02	0.126	2.00	Pass
			RB75#0	21.34	-0.27	21.07	0.128	2.00	Pass
		16-QAM	RB1#0	21.67	-0.27	21.40	0.138	2.00	Pass
			RB1#38	21.76	-0.27	21.49	0.141	2.00	Pass
			RB1#74	21.6	-0.27	21.33	0.136	2.00	Pass
			RB36#0	20.3	-0.27	20.03	0.101	2.00	Pass
			RB36#19	20.3	-0.27	20.03	0.101	2.00	Pass
			RB36#39	20.26	-0.27	19.99	0.100	2.00	Pass
			RB75#0	20.32	-0.27	20.05	0.101	2.00	Pass
	HCH	QPSK	RB1#0	22.03	-0.27	21.76	0.150	2.00	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 BAND41									
			RB1#38	22.22	-0.27	21.95	0.157	2.00	Pass
			RB1#74	22.1	-0.27	21.83	0.152	2.00	Pass
			RB36#0	21.14	-0.27	20.87	0.122	2.00	Pass
			RB36#19	21.18	-0.27	20.91	0.123	2.00	Pass
			RB36#39	21.21	-0.27	20.94	0.124	2.00	Pass
			RB75#0	21.18	-0.27	20.91	0.123	2.00	Pass
		16-QAM	RB1#0	21.32	-0.27	21.05	0.127	2.00	Pass
			RB1#38	21.49	-0.27	21.22	0.132	2.00	Pass
			RB1#74	21.43	-0.27	21.16	0.131	2.00	Pass
			RB36#0	20.18	-0.27	19.91	0.098	2.00	Pass
			RB36#19	20.22	-0.27	19.95	0.099	2.00	Pass
			RB36#39	20.26	-0.27	19.99	0.100	2.00	Pass
			RB75#0	20.2	-0.27	19.93	0.098	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	22.31	-0.27	22.04	0.160	2.00	Pass
			RB1#50	22.72	-0.27	22.45	0.176	2.00	Pass
			RB1#99	22.12	-0.27	21.85	0.153	2.00	Pass
			RB50#0	21.39	-0.27	21.12	0.129	2.00	Pass
			RB50#25	21.47	-0.27	21.20	0.132	2.00	Pass
			RB50#50	21.41	-0.27	21.14	0.130	2.00	Pass
			RB100#0	21.39	-0.27	21.12	0.129	2.00	Pass
		16-QAM	RB1#0	21.55	-0.27	21.28	0.134	2.00	Pass
			RB1#50	21.93	-0.27	21.66	0.147	2.00	Pass
			RB1#99	21.36	-0.27	21.09	0.129	2.00	Pass
			RB50#0	20.43	-0.27	20.16	0.104	2.00	Pass
			RB50#25	20.44	-0.27	20.17	0.104	2.00	Pass
			RB50#50	20.41	-0.27	20.14	0.103	2.00	Pass
			RB100#0	20.4	-0.27	20.13	0.103	2.00	Pass
	MCH	QPSK	RB1#0	22.06	-0.27	21.79	0.151	2.00	Pass
			RB1#50	22.52	-0.27	22.25	0.168	2.00	Pass
			RB1#99	21.92	-0.27	21.65	0.146	2.00	Pass
			RB50#0	21.34	-0.27	21.07	0.128	2.00	Pass
			RB50#25	21.33	-0.27	21.06	0.128	2.00	Pass
			RB50#50	21.24	-0.27	20.97	0.125	2.00	Pass
			RB100#0	21.31	-0.27	21.04	0.127	2.00	Pass
		16-QAM	RB1#0	21.26	-0.27	20.99	0.126	2.00	Pass
			RB1#50	21.74	-0.27	21.47	0.140	2.00	Pass
			RB1#99	21.18	-0.27	20.91	0.123	2.00	Pass
			RB50#0	20.35	-0.27	20.08	0.102	2.00	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 BAND41									
			RB50#25	20.34	-0.27	20.07	0.102	2.00	Pass
			RB50#50	20.26	-0.27	19.99	0.100	2.00	Pass
			RB100#0	20.33	-0.27	20.06	0.101	2.00	Pass
	HCH	QPSK	RB1#0	21.91	-0.27	21.64	0.146	2.00	Pass
			RB1#50	22.52	-0.27	22.25	0.168	2.00	Pass
			RB1#99	22.06	-0.27	21.79	0.151	2.00	Pass
			RB50#0	21.08	-0.27	20.81	0.121	2.00	Pass
			RB50#25	21.19	-0.27	20.92	0.124	2.00	Pass
			RB50#50	21.18	-0.27	20.91	0.123	2.00	Pass
			RB100#0	21.13	-0.27	20.86	0.122	2.00	Pass
		16-QAM	RB1#0	21.23	-0.27	20.96	0.125	2.00	Pass
			RB1#50	21.85	-0.27	21.58	0.144	2.00	Pass
			RB1#99	21.37	-0.27	21.10	0.129	2.00	Pass
			RB50#0	20.15	-0.27	19.88	0.097	2.00	Pass
			RB50#25	20.25	-0.27	19.98	0.100	2.00	Pass
			RB50#50	20.29	-0.27	20.02	0.100	2.00	Pass
			RB100#0	20.19	-0.27	19.92	0.098	2.00	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 BAND66									
1.4 MHz	LCH	QPSK	RB1#0	22.84	-0.46	22.38	0.173	1.000	Pass
			RB1#3	22.98	-0.46	22.52	0.179	1.000	Pass
			RB1#5	22.81	-0.46	22.35	0.172	1.000	Pass
			RB3#0	22.85	-0.46	22.39	0.173	1.000	Pass
			RB3#2	22.95	-0.46	22.49	0.177	1.000	Pass
			RB3#3	22.89	-0.46	22.43	0.175	1.000	Pass
			RB6#0	21.87	-0.46	21.41	0.138	1.000	Pass
		16-QAM	RB1#0	21.96	-0.46	21.50	0.141	1.000	Pass
			RB1#3	22.16	-0.46	21.70	0.148	1.000	Pass
			RB1#5	21.99	-0.46	21.53	0.142	1.000	Pass
			RB3#0	21.94	-0.46	21.48	0.141	1.000	Pass
			RB3#2	22	-0.46	21.54	0.143	1.000	Pass
			RB3#3	21.96	-0.46	21.50	0.141	1.000	Pass
			RB6#0	21.07	-0.46	20.61	0.115	1.000	Pass
	MCH	QPSK	RB1#0	22.76	-0.46	22.30	0.170	1.000	Pass
			RB1#3	22.93	-0.46	22.47	0.177	1.000	Pass
			RB1#5	22.74	-0.46	22.28	0.169	1.000	Pass
			RB3#0	22.87	-0.46	22.41	0.174	1.000	Pass
			RB3#2	22.9	-0.46	22.44	0.175	1.000	Pass
			RB3#3	22.81	-0.46	22.35	0.172	1.000	Pass
			RB6#0	21.82	-0.46	21.36	0.137	1.000	Pass
		16-QAM	RB1#0	22.13	-0.46	21.67	0.147	1.000	Pass
			RB1#3	22.3	-0.46	21.84	0.153	1.000	Pass
			RB1#5	22.12	-0.46	21.66	0.147	1.000	Pass
			RB3#0	22.03	-0.46	21.57	0.144	1.000	Pass
			RB3#2	22.04	-0.46	21.58	0.144	1.000	Pass
			RB3#3	22.02	-0.46	21.56	0.143	1.000	Pass
			RB6#0	20.76	-0.46	20.30	0.107	1.000	Pass
	HCH	QPSK	RB1#0	22.75	-0.46	22.29	0.169	1.000	Pass
			RB1#3	22.9	-0.46	22.44	0.175	1.000	Pass
			RB1#5	22.77	-0.46	22.31	0.170	1.000	Pass
			RB3#0	22.89	-0.46	22.43	0.175	1.000	Pass
			RB3#2	22.93	-0.46	22.47	0.177	1.000	Pass
			RB3#3	22.89	-0.46	22.43	0.175	1.000	Pass
			RB6#0	21.84	-0.46	21.38	0.137	1.000	Pass
		16-QAM	RB1#0	21.81	-0.46	21.35	0.136	1.000	Pass
			RB1#3	22.01	-0.46	21.55	0.143	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 BAND66									
			RB1#5	21.81	-0.46	21.35	0.136	1.000	Pass
			RB3#0	22.01	-0.46	21.55	0.143	1.000	Pass
			RB3#2	22.06	-0.46	21.60	0.145	1.000	Pass
			RB3#3	22.02	-0.46	21.56	0.143	1.000	Pass
			RB6#0	21.01	-0.46	20.55	0.114	1.000	Pass
3 MHz	LCH	QPSK	RB1#0	22.87	-0.46	22.41	0.174	1.000	Pass
			RB1#7	22.83	-0.46	22.37	0.173	1.000	Pass
			RB1#14	22.83	-0.46	22.37	0.173	1.000	Pass
			RB8#0	21.88	-0.46	21.42	0.139	1.000	Pass
			RB8#4	21.93	-0.46	21.47	0.140	1.000	Pass
			RB8#7	21.94	-0.46	21.48	0.141	1.000	Pass
			RB15#0	21.89	-0.46	21.43	0.139	1.000	Pass
		16-QAM	RB1#0	21.84	-0.46	21.38	0.137	1.000	Pass
			RB1#7	21.81	-0.46	21.35	0.136	1.000	Pass
			RB1#14	21.81	-0.46	21.35	0.136	1.000	Pass
			RB8#0	21.01	-0.46	20.55	0.114	1.000	Pass
			RB8#4	21.03	-0.46	20.57	0.114	1.000	Pass
			RB8#7	21.01	-0.46	20.55	0.114	1.000	Pass
			RB15#0	20.93	-0.46	20.47	0.111	1.000	Pass
	MCH	QPSK	RB1#0	22.8	-0.46	22.34	0.171	1.000	Pass
			RB1#7	22.79	-0.46	22.33	0.171	1.000	Pass
			RB1#14	22.75	-0.46	22.29	0.169	1.000	Pass
			RB8#0	21.77	-0.46	21.31	0.135	1.000	Pass
			RB8#4	21.81	-0.46	21.35	0.136	1.000	Pass
			RB8#7	21.79	-0.46	21.33	0.136	1.000	Pass
			RB15#0	21.79	-0.46	21.33	0.136	1.000	Pass
		16-QAM	RB1#0	22.13	-0.46	21.67	0.147	1.000	Pass
			RB1#7	22.18	-0.46	21.72	0.149	1.000	Pass
			RB1#14	22.16	-0.46	21.70	0.148	1.000	Pass
			RB8#0	20.89	-0.46	20.43	0.110	1.000	Pass
			RB8#4	20.92	-0.46	20.46	0.111	1.000	Pass
			RB8#7	20.86	-0.46	20.40	0.110	1.000	Pass
			RB15#0	20.82	-0.46	20.36	0.109	1.000	Pass
	HCH	QPSK	RB1#0	22.8	-0.46	22.34	0.171	1.000	Pass
			RB1#7	22.81	-0.46	22.35	0.172	1.000	Pass
			RB1#14	22.79	-0.46	22.33	0.171	1.000	Pass
			RB8#0	21.8	-0.46	21.34	0.136	1.000	Pass
			RB8#4	21.87	-0.46	21.41	0.138	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 BAND66									
			RB8#7	21.81	-0.46	21.35	0.136	1.000	Pass
			RB15#0	21.84	-0.46	21.38	0.137	1.000	Pass
		16-QAM	RB1#0	21.85	-0.46	21.39	0.138	1.000	Pass
			RB1#7	21.83	-0.46	21.37	0.137	1.000	Pass
			RB1#14	21.8	-0.46	21.34	0.136	1.000	Pass
			RB8#0	20.85	-0.46	20.39	0.109	1.000	Pass
			RB8#4	20.92	-0.46	20.46	0.111	1.000	Pass
			RB8#7	20.82	-0.46	20.36	0.109	1.000	Pass
			RB15#0	20.8	-0.46	20.34	0.108	1.000	Pass
5 MHz	LCH	QPSK	RB1#0	22.8	-0.46	22.34	0.171	1.000	Pass
			RB1#13	22.95	-0.46	22.49	0.177	1.000	Pass
			RB1#24	22.75	-0.46	22.29	0.169	1.000	Pass
			RB12#0	21.83	-0.46	21.37	0.137	1.000	Pass
			RB12#6	21.94	-0.46	21.48	0.141	1.000	Pass
			RB12#13	21.86	-0.46	21.40	0.138	1.000	Pass
			RB25#0	21.83	-0.46	21.37	0.137	1.000	Pass
		16-QAM	RB1#0	21.98	-0.46	21.52	0.142	1.000	Pass
			RB1#13	22.11	-0.46	21.65	0.146	1.000	Pass
			RB1#24	21.94	-0.46	21.48	0.141	1.000	Pass
			RB12#0	20.93	-0.46	20.47	0.111	1.000	Pass
			RB12#6	21	-0.46	20.54	0.113	1.000	Pass
			RB12#13	20.89	-0.46	20.43	0.110	1.000	Pass
			RB25#0	20.88	-0.46	20.42	0.110	1.000	Pass
	MCH	QPSK	RB1#0	22.67	-0.46	22.21	0.166	1.000	Pass
			RB1#13	22.81	-0.46	22.35	0.172	1.000	Pass
			RB1#24	22.68	-0.46	22.22	0.167	1.000	Pass
			RB12#0	21.73	-0.46	21.27	0.134	1.000	Pass
			RB12#6	21.81	-0.46	21.35	0.136	1.000	Pass
			RB12#13	21.72	-0.46	21.26	0.134	1.000	Pass
			RB25#0	21.74	-0.46	21.28	0.134	1.000	Pass
		16-QAM	RB1#0	22.18	-0.46	21.72	0.149	1.000	Pass
			RB1#13	22.31	-0.46	21.85	0.153	1.000	Pass
			RB1#24	22.17	-0.46	21.71	0.148	1.000	Pass
			RB12#0	20.85	-0.46	20.39	0.109	1.000	Pass
			RB12#6	20.95	-0.46	20.49	0.112	1.000	Pass
			RB12#13	20.87	-0.46	20.41	0.110	1.000	Pass
			RB25#0	20.81	-0.46	20.35	0.108	1.000	Pass
	HCH	QPSK	RB1#0	22.64	-0.46	22.18	0.165	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 BAND66									
			RB1#13	22.82	-0.46	22.36	0.172	1.000	Pass
			RB1#24	22.64	-0.46	22.18	0.165	1.000	Pass
			RB12#0	21.79	-0.46	21.33	0.136	1.000	Pass
			RB12#6	21.85	-0.46	21.39	0.138	1.000	Pass
			RB12#13	21.74	-0.46	21.28	0.134	1.000	Pass
			RB25#0	21.75	-0.46	21.29	0.135	1.000	Pass
		16-QAM	RB1#0	21.76	-0.46	21.30	0.135	1.000	Pass
			RB1#13	21.93	-0.46	21.47	0.140	1.000	Pass
			RB1#24	21.81	-0.46	21.35	0.136	1.000	Pass
			RB12#0	20.83	-0.46	20.37	0.109	1.000	Pass
			RB12#6	20.89	-0.46	20.43	0.110	1.000	Pass
			RB12#13	20.81	-0.46	20.35	0.108	1.000	Pass
			RB25#0	20.75	-0.46	20.29	0.107	1.000	Pass
10 MHz	LCH	QPSK	RB1#0	22.82	-0.46	22.36	0.172	1.000	Pass
			RB1#25	22.92	-0.46	22.46	0.176	1.000	Pass
			RB1#49	22.83	-0.46	22.37	0.173	1.000	Pass
			RB25#0	21.82	-0.46	21.36	0.137	1.000	Pass
			RB25#13	21.92	-0.46	21.46	0.140	1.000	Pass
			RB25#25	21.88	-0.46	21.42	0.139	1.000	Pass
			RB50#0	21.89	-0.46	21.43	0.139	1.000	Pass
		16-QAM	RB1#0	21.8	-0.46	21.34	0.136	1.000	Pass
			RB1#25	21.99	-0.46	21.53	0.142	1.000	Pass
			RB1#49	21.82	-0.46	21.36	0.137	1.000	Pass
			RB25#0	20.88	-0.46	20.42	0.110	1.000	Pass
			RB25#13	20.92	-0.46	20.46	0.111	1.000	Pass
			RB25#25	20.94	-0.46	20.48	0.112	1.000	Pass
			RB50#0	20.88	-0.46	20.42	0.110	1.000	Pass
	MCH	QPSK	RB1#0	22.77	-0.46	22.31	0.170	1.000	Pass
			RB1#25	22.94	-0.46	22.48	0.177	1.000	Pass
			RB1#49	22.77	-0.46	22.31	0.170	1.000	Pass
			RB25#0	21.75	-0.46	21.29	0.135	1.000	Pass
			RB25#13	21.83	-0.46	21.37	0.137	1.000	Pass
			RB25#25	21.83	-0.46	21.37	0.137	1.000	Pass
			RB50#0	21.78	-0.46	21.32	0.136	1.000	Pass
		16-QAM	RB1#0	22.14	-0.46	21.68	0.147	1.000	Pass
			RB1#25	22.3	-0.46	21.84	0.153	1.000	Pass
			RB1#49	22.18	-0.46	21.72	0.149	1.000	Pass
			RB25#0	20.8	-0.46	20.34	0.108	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 BAND66									
			RB25#13	20.83	-0.46	20.37	0.109	1.000	Pass
			RB25#25	20.86	-0.46	20.40	0.110	1.000	Pass
			RB50#0	20.81	-0.46	20.35	0.108	1.000	Pass
	HCH	QPSK	RB1#0	22.73	-0.46	22.27	0.169	1.000	Pass
			RB1#25	22.9	-0.46	22.44	0.175	1.000	Pass
			RB1#49	22.72	-0.46	22.26	0.168	1.000	Pass
			RB25#0	21.76	-0.46	21.30	0.135	1.000	Pass
			RB25#13	21.81	-0.46	21.35	0.136	1.000	Pass
			RB25#25	21.74	-0.46	21.28	0.134	1.000	Pass
			RB50#0	21.75	-0.46	21.29	0.135	1.000	Pass
		16-QAM	RB1#0	21.71	-0.46	21.25	0.133	1.000	Pass
			RB1#25	21.96	-0.46	21.50	0.141	1.000	Pass
			RB1#49	21.87	-0.46	21.41	0.138	1.000	Pass
			RB25#0	20.86	-0.46	20.40	0.110	1.000	Pass
			RB25#13	20.93	-0.46	20.47	0.111	1.000	Pass
			RB25#25	20.8	-0.46	20.34	0.108	1.000	Pass
			RB50#0	20.77	-0.46	20.31	0.107	1.000	Pass
15 MHz	LCH	QPSK	RB1#0	22.74	-0.46	22.28	0.169	1.000	Pass
			RB1#38	22.86	-0.46	22.40	0.174	1.000	Pass
			RB1#74	23.02	-0.46	22.56	0.180	1.000	Pass
			RB36#0	21.87	-0.46	21.41	0.138	1.000	Pass
			RB36#19	21.94	-0.46	21.48	0.141	1.000	Pass
			RB36#39	21.94	-0.46	21.48	0.141	1.000	Pass
			RB75#0	21.91	-0.46	21.45	0.140	1.000	Pass
		16-QAM	RB1#0	21.76	-0.46	21.30	0.135	1.000	Pass
			RB1#38	21.85	-0.46	21.39	0.138	1.000	Pass
			RB1#74	21.72	-0.46	21.26	0.134	1.000	Pass
			RB36#0	20.85	-0.46	20.39	0.109	1.000	Pass
			RB36#19	20.88	-0.46	20.42	0.110	1.000	Pass
			RB36#39	20.92	-0.46	20.46	0.111	1.000	Pass
			RB75#0	20.9	-0.46	20.44	0.111	1.000	Pass
	MCH	QPSK	RB1#0	22.7	-0.46	22.24	0.167	1.000	Pass
			RB1#38	22.78	-0.46	22.32	0.171	1.000	Pass
			RB1#74	22.71	-0.46	22.25	0.168	1.000	Pass
			RB36#0	21.83	-0.46	21.37	0.137	1.000	Pass
			RB36#19	21.82	-0.46	21.36	0.137	1.000	Pass
			RB36#39	21.85	-0.46	21.39	0.138	1.000	Pass
			RB75#0	21.84	-0.46	21.38	0.137	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 BAND66									
			RB1#0	22.09	-0.46	21.63	0.146	1.000	Pass
			RB1#38	22.17	-0.46	21.71	0.148	1.000	Pass
			RB1#74	22.11	-0.46	21.65	0.146	1.000	Pass
		16-QAM	RB36#0	20.86	-0.46	20.40	0.110	1.000	Pass
			RB36#19	20.88	-0.46	20.42	0.110	1.000	Pass
			RB36#39	20.86	-0.46	20.40	0.110	1.000	Pass
			RB75#0	20.84	-0.46	20.38	0.109	1.000	Pass
	HCH		RB1#0	22.71	-0.46	22.25	0.168	1.000	Pass
			RB1#38	22.8	-0.46	22.34	0.171	1.000	Pass
			RB1#74	22.68	-0.46	22.22	0.167	1.000	Pass
		QPSK	RB36#0	21.84	-0.46	21.38	0.137	1.000	Pass
			RB36#19	21.84	-0.46	21.38	0.137	1.000	Pass
			RB36#39	21.79	-0.46	21.33	0.136	1.000	Pass
			RB75#0	21.78	-0.46	21.32	0.136	1.000	Pass
			RB1#0	22.15	-0.46	21.69	0.148	1.000	Pass
			RB1#38	22.2	-0.46	21.74	0.149	1.000	Pass
			RB1#74	22.14	-0.46	21.68	0.147	1.000	Pass
		16-QAM	RB36#0	20.75	-0.46	20.29	0.107	1.000	Pass
			RB36#19	20.75	-0.46	20.29	0.107	1.000	Pass
			RB36#39	20.74	-0.46	20.28	0.107	1.000	Pass
			RB75#0	20.78	-0.46	20.32	0.108	1.000	Pass
20 MHz	LCH		RB1#0	22.62	-0.46	22.16	0.164	1.000	Pass
			RB1#50	23.02	-0.46	22.56	0.180	1.000	Pass
			RB1#99	22.54	-0.46	22.08	0.161	1.000	Pass
		QPSK	RB50#0	21.8	-0.46	21.34	0.136	1.000	Pass
			RB50#25	21.89	-0.46	21.43	0.139	1.000	Pass
			RB50#50	21.9	-0.46	21.44	0.139	1.000	Pass
			RB100#0	21.9	-0.46	21.44	0.139	1.000	Pass
			RB1#0	22.14	-0.46	21.68	0.147	1.000	Pass
			RB1#50	22.51	-0.46	22.05	0.160	1.000	Pass
			RB1#99	22.05	-0.46	21.59	0.144	1.000	Pass
		16-QAM	RB50#0	20.86	-0.46	20.40	0.110	1.000	Pass
			RB50#25	20.93	-0.46	20.47	0.111	1.000	Pass
			RB50#50	20.92	-0.46	20.46	0.111	1.000	Pass
			RB100#0	20.91	-0.46	20.45	0.111	1.000	Pass
	MCH		RB1#0	22.58	-0.46	22.12	0.163	1.000	Pass
		QPSK	RB1#50	22.97	-0.46	22.51	0.178	1.000	Pass
			RB1#99	22.6	-0.46	22.14	0.164	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 BAND66									
			RB50#0	21.79	-0.46	21.33	0.136	1.000	Pass
			RB50#25	21.84	-0.46	21.38	0.137	1.000	Pass
			RB50#50	21.77	-0.46	21.31	0.135	1.000	Pass
			RB100#0	21.82	-0.46	21.36	0.137	1.000	Pass
		16-QAM	RB1#0	22.03	-0.46	21.57	0.144	1.000	Pass
			RB1#50	22.44	-0.46	21.98	0.158	1.000	Pass
			RB1#99	22.06	-0.46	21.60	0.145	1.000	Pass
			RB50#0	20.84	-0.46	20.38	0.109	1.000	Pass
			RB50#25	20.84	-0.46	20.38	0.109	1.000	Pass
			RB50#50	20.82	-0.46	20.36	0.109	1.000	Pass
			RB100#0	20.84	-0.46	20.38	0.109	1.000	Pass
	HCH	QPSK	RB1#0	22.5	-0.46	22.04	0.160	1.000	Pass
			RB1#50	22.83	-0.46	22.37	0.173	1.000	Pass
			RB1#99	22.5	-0.46	22.04	0.160	1.000	Pass
			RB50#0	21.74	-0.46	21.28	0.134	1.000	Pass
			RB50#25	21.78	-0.46	21.32	0.136	1.000	Pass
			RB50#50	21.68	-0.46	21.22	0.132	1.000	Pass
			RB100#0	21.74	-0.46	21.28	0.134	1.000	Pass
		16-QAM	RB1#0	21.95	-0.46	21.49	0.141	1.000	Pass
			RB1#50	22.21	-0.46	21.75	0.150	1.000	Pass
			RB1#99	21.88	-0.46	21.42	0.139	1.000	Pass
			RB50#0	20.76	-0.46	20.30	0.107	1.000	Pass
			RB50#25	20.74	-0.46	20.28	0.107	1.000	Pass
			RB50#50	20.66	-0.46	20.20	0.105	1.000	Pass
			RB100#0	20.73	-0.46	20.27	0.106	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 71										
5 MHz	LCH	QPSK	RB1#0	22.58	-1.85	-4	18.58	0.072	2.000	Pass
			RB1#3	22.77	-1.85	-4	18.77	0.075	2.000	Pass
			RB1#5	22.64	-1.85	-4	18.64	0.073	2.000	Pass
			RB3#0	21.71	-1.85	-4	17.71	0.059	2.000	Pass
			RB3#2	21.78	-1.85	-4	17.78	0.060	2.000	Pass
			RB3#3	21.66	-1.85	-4	17.66	0.058	2.000	Pass
			RB6#0	21.7	-1.85	-4	17.70	0.059	2.000	Pass
		16-QAM	RB1#0	22.11	-1.85	-4	18.11	0.065	2.000	Pass
			RB1#3	22.27	-1.85	-4	18.27	0.067	2.000	Pass
			RB1#5	22.13	-1.85	-4	18.13	0.065	2.000	Pass
			RB3#0	20.86	-1.85	-4	16.86	0.049	2.000	Pass
			RB3#2	20.95	-1.85	-4	16.95	0.050	2.000	Pass
			RB3#3	20.83	-1.85	-4	16.83	0.048	2.000	Pass
			RB6#0	20.8	-1.85	-4	16.80	0.048	2.000	Pass
	MCH	QPSK	RB1#0	22.49	-1.85	-4	18.49	0.071	2.000	Pass
			RB1#3	22.61	-1.85	-4	18.61	0.073	2.000	Pass
			RB1#5	22.49	-1.85	-4	18.49	0.071	2.000	Pass
			RB3#0	21.58	-1.85	-4	17.58	0.057	2.000	Pass
			RB3#2	21.66	-1.85	-4	17.66	0.058	2.000	Pass
			RB3#3	21.61	-1.85	-4	17.61	0.058	2.000	Pass
			RB6#0	21.56	-1.85	-4	17.56	0.057	2.000	Pass
		16-QAM	RB1#0	21.61	-1.85	-4	17.61	0.058	2.000	Pass
			RB1#3	21.66	-1.85	-4	17.66	0.058	2.000	Pass
			RB1#5	21.58	-1.85	-4	17.58	0.057	2.000	Pass
			RB3#0	20.64	-1.85	-4	16.64	0.046	2.000	Pass
			RB3#2	20.74	-1.85	-4	16.74	0.047	2.000	Pass
			RB3#3	20.59	-1.85	-4	16.59	0.046	2.000	Pass
			RB6#0	20.55	-1.85	-4	16.55	0.045	2.000	Pass
	HCH	QPSK	RB1#0	22.6	-1.85	-4	18.60	0.072	2.000	Pass
			RB1#3	22.73	-1.85	-4	18.73	0.075	2.000	Pass
			RB1#5	22.52	-1.85	-4	18.52	0.071	2.000	Pass
			RB3#0	21.71	-1.85	-4	17.71	0.059	2.000	Pass
			RB3#2	21.77	-1.85	-4	17.77	0.060	2.000	Pass
			RB3#3	21.62	-1.85	-4	17.62	0.058	2.000	Pass
			RB6#0	21.69	-1.85	-4	17.69	0.059	2.000	Pass
		16-QAM	RB1#0	21.69	-1.85	-4	17.69	0.059	2.000	Pass
			RB1#3	21.83	-1.85	-4	17.83	0.061	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 71										
			RB1#5	21.71	-1.85	-4	17.71	0.059	2.000	Pass
			RB3#0	20.81	-1.85	-4	16.81	0.048	2.000	Pass
			RB3#2	20.85	-1.85	-4	16.85	0.048	2.000	Pass
			RB3#3	20.73	-1.85	-4	16.73	0.047	2.000	Pass
			RB6#0	20.75	-1.85	-4	16.75	0.047	2.000	Pass
10 MHz	LCH	QPSK	RB1#0	22.62	-1.85	-4	18.62	0.073	2.000	Pass
			RB1#7	22.82	-1.85	-4	18.82	0.076	2.000	Pass
			RB1#14	22.58	-1.85	-4	18.58	0.072	2.000	Pass
			RB8#0	21.82	-1.85	-4	17.82	0.061	2.000	Pass
			RB8#4	21.74	-1.85	-4	17.74	0.059	2.000	Pass
			RB8#7	21.78	-1.85	-4	17.78	0.060	2.000	Pass
			RB15#0	21.77	-1.85	-4	17.77	0.060	2.000	Pass
		16-QAM	RB1#0	21.55	-1.85	-4	17.55	0.057	2.000	Pass
			RB1#7	21.79	-1.85	-4	17.79	0.060	2.000	Pass
			RB1#14	21.51	-1.85	-4	17.51	0.056	2.000	Pass
			RB8#0	20.87	-1.85	-4	16.87	0.049	2.000	Pass
			RB8#4	20.78	-1.85	-4	16.78	0.048	2.000	Pass
			RB8#7	20.82	-1.85	-4	16.82	0.048	2.000	Pass
			RB15#0	20.82	-1.85	-4	16.82	0.048	2.000	Pass
	MCH	QPSK	RB1#0	22.6	-1.85	-4	18.60	0.072	2.000	Pass
			RB1#7	22.76	-1.85	-4	18.76	0.075	2.000	Pass
			RB1#14	22.49	-1.85	-4	18.49	0.071	2.000	Pass
			RB8#0	21.61	-1.85	-4	17.61	0.058	2.000	Pass
			RB8#4	21.6	-1.85	-4	17.60	0.058	2.000	Pass
			RB8#7	21.61	-1.85	-4	17.61	0.058	2.000	Pass
			RB15#0	21.65	-1.85	-4	17.65	0.058	2.000	Pass
		16-QAM	RB1#0	21.93	-1.85	-4	17.93	0.062	2.000	Pass
			RB1#7	22.04	-1.85	-4	18.04	0.064	2.000	Pass
			RB1#14	21.8	-1.85	-4	17.80	0.060	2.000	Pass
			RB8#0	20.7	-1.85	-4	16.70	0.047	2.000	Pass
			RB8#4	20.69	-1.85	-4	16.69	0.047	2.000	Pass
			RB8#7	20.68	-1.85	-4	16.68	0.047	2.000	Pass
			RB15#0	20.71	-1.85	-4	16.71	0.047	2.000	Pass
	HCH	QPSK	RB1#0	22.55	-1.85	-4	18.55	0.072	2.000	Pass
			RB1#7	22.78	-1.85	-4	18.78	0.076	2.000	Pass
			RB1#14	22.62	-1.85	-4	18.62	0.073	2.000	Pass
			RB8#0	21.71	-1.85	-4	17.71	0.059	2.000	Pass
			RB8#4	21.74	-1.85	-4	17.74	0.059	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 71										
			RB8#7	21.64	-1.85	-4	17.64	0.058	2.000	Pass
			RB15#0	21.66	-1.85	-4	17.66	0.058	2.000	Pass
		16-QAM	RB1#0	21.53	-1.85	-4	17.53	0.057	2.000	Pass
			RB1#7	21.77	-1.85	-4	17.77	0.060	2.000	Pass
			RB1#14	21.56	-1.85	-4	17.56	0.057	2.000	Pass
			RB8#0	20.86	-1.85	-4	16.86	0.049	2.000	Pass
			RB8#4	20.86	-1.85	-4	16.86	0.049	2.000	Pass
			RB8#7	20.76	-1.85	-4	16.76	0.047	2.000	Pass
			RB15#0	20.74	-1.85	-4	16.74	0.047	2.000	Pass
15 MHz	LCH	QPSK	RB1#0	22.58	-1.85	-4	18.58	0.072	2.000	Pass
			RB1#13	22.71	-1.85	-4	18.71	0.074	2.000	Pass
			RB1#24	22.41	-1.85	-4	18.41	0.069	2.000	Pass
			RB12#0	21.79	-1.85	-4	17.79	0.060	2.000	Pass
			RB12#6	21.79	-1.85	-4	17.79	0.060	2.000	Pass
			RB12#13	21.74	-1.85	-4	17.74	0.059	2.000	Pass
			RB25#0	21.72	-1.85	-4	17.72	0.059	2.000	Pass
		16-QAM	RB1#0	21.51	-1.85	-4	17.51	0.056	2.000	Pass
			RB1#13	21.65	-1.85	-4	17.65	0.058	2.000	Pass
			RB1#24	21.34	-1.85	-4	17.34	0.054	2.000	Pass
			RB12#0	20.8	-1.85	-4	16.80	0.048	2.000	Pass
			RB12#6	20.79	-1.85	-4	16.79	0.048	2.000	Pass
			RB12#13	20.7	-1.85	-4	16.70	0.047	2.000	Pass
			RB25#0	20.73	-1.85	-4	16.73	0.047	2.000	Pass
	MCH	QPSK	RB1#0	22.55	-1.85	-4	18.55	0.072	2.000	Pass
			RB1#13	22.6	-1.85	-4	18.60	0.072	2.000	Pass
			RB1#24	22.42	-1.85	-4	18.42	0.070	2.000	Pass
			RB12#0	21.69	-1.85	-4	17.69	0.059	2.000	Pass
			RB12#6	21.72	-1.85	-4	17.72	0.059	2.000	Pass
			RB12#13	21.66	-1.85	-4	17.66	0.058	2.000	Pass
			RB25#0	21.68	-1.85	-4	17.68	0.059	2.000	Pass
		16-QAM	RB1#0	21.92	-1.85	-4	17.92	0.062	2.000	Pass
			RB1#13	21.94	-1.85	-4	17.94	0.062	2.000	Pass
			RB1#24	21.76	-1.85	-4	17.76	0.060	2.000	Pass
			RB12#0	20.67	-1.85	-4	16.67	0.046	2.000	Pass
			RB12#6	20.71	-1.85	-4	16.71	0.047	2.000	Pass
			RB12#13	20.72	-1.85	-4	16.72	0.047	2.000	Pass
			RB25#0	20.73	-1.85	-4	16.73	0.047	2.000	Pass
	HCH	QPSK	RB1#0	22.48	-1.85	-4	18.48	0.070	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 71										
			RB1#13	22.66	-1.85	-4	18.66	0.073	2.000	Pass
			RB1#24	22.51	-1.85	-4	18.51	0.071	2.000	Pass
			RB12#0	21.7	-1.85	-4	17.70	0.059	2.000	Pass
			RB12#6	21.76	-1.85	-4	17.76	0.060	2.000	Pass
			RB12#13	21.68	-1.85	-4	17.68	0.059	2.000	Pass
			RB25#0	21.69	-1.85	-4	17.69	0.059	2.000	Pass
		16-QAM	RB1#0	21.76	-1.85	-4	17.76	0.060	2.000	Pass
			RB1#13	22.05	-1.85	-4	18.05	0.064	2.000	Pass
			RB1#24	21.85	-1.85	-4	17.85	0.061	2.000	Pass
			RB12#0	20.64	-1.85	-4	16.64	0.046	2.000	Pass
			RB12#6	20.75	-1.85	-4	16.75	0.047	2.000	Pass
			RB12#13	20.66	-1.85	-4	16.66	0.046	2.000	Pass
			RB25#0	20.7	-1.85	-4	16.70	0.047	2.000	Pass
20 MHz	LCH	QPSK	RB1#0	22.47	-1.85	-4	18.47	0.070	2.000	Pass
			RB1#25	22.86	-1.85	-4	18.86	0.077	2.000	Pass
			RB1#49	22.24	-1.85	-4	18.24	0.067	2.000	Pass
			RB25#0	21.69	-1.85	-4	17.69	0.059	2.000	Pass
			RB25#13	21.67	-1.85	-4	17.67	0.058	2.000	Pass
			RB25#25	21.54	-1.85	-4	17.54	0.057	2.000	Pass
			RB50#0	21.62	-1.85	-4	17.62	0.058	2.000	Pass
		16-QAM	RB1#0	21.92	-1.85	-4	17.92	0.062	2.000	Pass
			RB1#25	22.36	-1.85	-4	18.36	0.069	2.000	Pass
			RB1#49	21.72	-1.85	-4	17.72	0.059	2.000	Pass
			RB25#0	20.77	-1.85	-4	16.77	0.048	2.000	Pass
			RB25#13	20.71	-1.85	-4	16.71	0.047	2.000	Pass
			RB25#25	20.62	-1.85	-4	16.62	0.046	2.000	Pass
			RB50#0	20.68	-1.85	-4	16.68	0.047	2.000	Pass
	MCH	QPSK	RB1#0	22.4	-1.85	-4	18.40	0.069	2.000	Pass
			RB1#25	22.76	-1.85	-4	18.76	0.075	2.000	Pass
			RB1#49	22.39	-1.85	-4	18.39	0.069	2.000	Pass
			RB25#0	21.67	-1.85	-4	17.67	0.058	2.000	Pass
			RB25#13	21.59	-1.85	-4	17.59	0.057	2.000	Pass
			RB25#25	21.59	-1.85	-4	17.59	0.057	2.000	Pass
			RB50#0	21.6	-1.85	-4	17.60	0.058	2.000	Pass
		16-QAM	RB1#0	21.82	-1.85	-4	17.82	0.061	2.000	Pass
			RB1#25	22.05	-1.85	-4	18.05	0.064	2.000	Pass
			RB1#49	21.78	-1.85	-4	17.78	0.060	2.000	Pass
			RB25#0	20.68	-1.85	-4	16.68	0.047	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 71										
			RB25#13	20.63	-1.85	-4	16.63	0.046	2.000	Pass
			RB25#25	20.64	-1.85	-4	16.64	0.046	2.000	Pass
			RB50#0	20.67	-1.85	-4	16.67	0.046	2.000	Pass
	HCH	QPSK	RB1#0	22.26	-1.85	-4	18.26	0.067	2.000	Pass
			RB1#25	22.7	-1.85	-4	18.70	0.074	2.000	Pass
			RB1#49	22.29	-1.85	-4	18.29	0.067	2.000	Pass
			RB25#0	21.58	-1.85	-4	17.58	0.057	2.000	Pass
			RB25#13	21.65	-1.85	-4	17.65	0.058	2.000	Pass
			RB25#25	21.55	-1.85	-4	17.55	0.057	2.000	Pass
			RB50#0	21.57	-1.85	-4	17.57	0.057	2.000	Pass
		16-QAM	RB1#0	21.66	-1.85	-4	17.66	0.058	2.000	Pass
			RB1#25	21.95	-1.85	-4	17.95	0.062	2.000	Pass
			RB1#49	21.72	-1.85	-4	17.72	0.059	2.000	Pass
			RB25#0	20.62	-1.85	-4	16.62	0.046	2.000	Pass
			RB25#13	20.71	-1.85	-4	16.71	0.047	2.000	Pass
			RB25#25	20.59	-1.85	-4	16.59	0.046	2.000	Pass
			RB50#0	20.62	-1.85	-4	16.62	0.046	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.:BL-SZ24C0923-501 Data Part 1.pdf”.

WCDMA Mode Test Data

Test Band	Test Channel	Peak to Average Ratio (dB)	Limit (dB)	Verdict Note2
Band 2	LCH	2.77	13	Pass
	MCH	3	13	Pass
	HCH	2.95	13	Pass
Band 4	LCH	3	13	Pass
	MCH	2.86	13	Pass
	HCH	3	13	Pass
Band 5	LCH	2.91	13	Pass
	MCH	2.86	13	Pass
	HCH	2.91	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
LTE Band 2	20 MHz	LCH	QPSK	RB1#0	4.41	13	Pass
				RB100#0	5.34	13	Pass
			16-QAM	RB1#0	5.06	13	Pass
				RB100#0	6.09	13	Pass
		MCH	QPSK	RB1#0	5.06	13	Pass
				RB100#0	5.58	13	Pass
			16-QAM	RB1#0	5.86	13	Pass
				RB100#0	6.28	13	Pass
		HCH	QPSK	RB1#0	4.78	13	Pass
				RB100#0	5.48	13	Pass
			16-QAM	RB1#0	5.81	13	Pass
				RB100#0	6.23	13	Pass
LTE Band 4	20 MHz	LCH	QPSK	RB1#0	5.11	13	Pass
				RB100#0	5.53	13	Pass
			16-QAM	RB1#0	5.67	13	Pass
				RB100#0	6.28	13	Pass
		MCH	QPSK	RB1#0	5.11	13	Pass
				RB100#0	5.58	13	Pass
			16-QAM	RB1#0	5.86	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
				RB100#0	6.23	13	Pass
		HCH	QPSK	RB1#0	5.16	13	Pass
				RB100#0	5.62	13	Pass
			16-QAM	RB1#0	6.09	13	Pass
				RB100#0	6.33	13	Pass
LTE Band 5	10 MHz	LCH	QPSK	RB1#0	5.06	13	Pass
				RB50#0	5.62	13	Pass
			16-QAM	RB1#0	5.95	13	Pass
				RB50#0	6.28	13	Pass
		MCH	QPSK	RB1#0	4.92	13	Pass
				RB50#0	5.53	13	Pass
			16-QAM	RB1#0	5.86	13	Pass
				RB50#0	6.23	13	Pass
		HCH	QPSK	RB1#0	4.78	13	Pass
				RB50#0	5.53	13	Pass
			16-QAM	RB1#0	5.44	13	Pass
				RB50#0	6.33	13	Pass
LTE Band 7	20 MHz	LCH	QPSK	RB1#0	5.02	13	Pass
				RB100#0	5.58	13	Pass
			16-QAM	RB1#0	5.58	13	Pass
				RB100#0	6.33	13	Pass
		MCH	QPSK	RB1#0	5.34	13	Pass
				RB100#0	5.62	13	Pass
			16-QAM	RB1#0	6.05	13	Pass
				RB100#0	6.42	13	Pass
		HCH	QPSK	RB1#0	5.3	13	Pass
				RB100#0	5.62	13	Pass
			16-QAM	RB1#0	6.23	13	Pass
				RB100#0	6.33	13	Pass
LTE Band 12	10 MHz	LCH	QPSK	RB1#0	4.83	13	Pass
				RB50#0	5.62	13	Pass
			16-QAM	RB1#0	5.67	13	Pass
				RB50#0	6.37	13	Pass
		MCH	QPSK	RB1#0	5.25	13	Pass
				RB50#0	5.67	13	Pass
			16-QAM	RB1#0	6.23	13	Pass
				RB50#0	6.42	13	Pass
		HCH	QPSK	RB1#0	5.11	13	Pass
				RB50#0	5.58	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
			16-QAM	RB1#0	5.77	13	Pass
				RB50#0	6.33	13	Pass
LTE Band13	10 MHz	MCH	QPSK	RB1#0	3.94	13	Pass
				RB50#0	5.34	13	Pass
			16-QAM	RB1#0	4.78	13	Pass
				RB50#0	6.09	13	Pass
LTE Band 17	10 MHz	LCH	QPSK	RB1#0	5.25	13	Pass
				RB50#0	5.67	13	Pass
			16-QAM	RB1#0	6.14	13	Pass
				RB50#0	6.37	13	Pass
		MCH	QPSK	RB1#0	5.25	13	Pass
				RB50#0	5.62	13	Pass
			16-QAM	RB1#0	6.19	13	Pass
				RB50#0	6.37	13	Pass
		HCH	QPSK	RB1#0	5.06	13	Pass
				RB50#0	5.58	13	Pass
			16-QAM	RB1#0	5.72	13	Pass
				RB50#0	6.37	13	Pass
LTE Band 25	20 MHz	LCH	QPSK	RB1#0	4.41	13	Pass
				RB100#0	5.3	13	Pass
			16-QAM	RB1#0	5.02	13	Pass
				RB100#0	6.05	13	Pass
		MCH	QPSK	RB1#0	5.02	13	Pass
				RB100#0	5.53	13	Pass
			16-QAM	RB1#0	5.77	13	Pass
				RB100#0	6.23	13	Pass
		HCH	QPSK	RB1#0	4.69	13	Pass
				RB100#0	5.48	13	Pass
			16-QAM	RB1#0	5.62	13	Pass
				RB100#0	6.19	13	Pass
LTE Band 26 (Part22)	15 MHz	LCH	QPSK	RB1#0	4.97	13	Pass
				RB75#0	5.81	13	Pass
			16-QAM	RB1#0	5.81	13	Pass
				RB75#0	6.37	13	Pass
		MCH	QPSK	RB1#0	4.97	13	Pass
				RB75#0	5.77	13	Pass
			16-QAM	RB1#0	5.86	13	Pass
				RB75#0	6.33	13	Pass
		HCH	QPSK	RB1#0	4.69	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
				RB75#0	5.72	13	Pass
			16-QAM	RB1#0	5.44	13	Pass
				RB75#0	6.28	13	Pass
LTE Band 26 (Part90)	10 MHz	MCH	QPSK	RB1#0	4.55	13	Pass
				RB50#0	5.48	13	Pass
			16-QAM	RB1#0	5.39	13	Pass
				RB50#0	6.19	13	Pass
LTE Band 38	20 MHz	LCH	QPSK	RB1#0	8.3	13	Pass
				RB100#0	9.14	13	Pass
			16-QAM	RB1#0	9.05	13	Pass
				RB100#0	9.84	13	Pass
		MCH	QPSK	RB1#0	8.81	13	Pass
				RB100#0	9.23	13	Pass
			16-QAM	RB1#0	9.56	13	Pass
				RB100#0	9.89	13	Pass
		HCH	QPSK	RB1#0	9.09	13	Pass
				RB100#0	9.28	13	Pass
			16-QAM	RB1#0	9.75	13	Pass
				RB100#0	9.94	13	Pass
LTE Band 41	20 MHz	LCH	QPSK	RB1#0	7.87	13	Pass
				RB100#0	8.81	13	Pass
			16-QAM	RB1#0	8.67	13	Pass
				RB100#0	9.61	13	Pass
		MCH	QPSK	RB1#0	8.81	13	Pass
				RB100#0	9.23	13	Pass
			16-QAM	RB1#0	9.61	13	Pass
				RB100#0	9.94	13	Pass
		HCH	QPSK	RB1#0	9.19	13	Pass
				RB100#0	9.28	13	Pass
			16-QAM	RB1#0	9.75	13	Pass
				RB100#0	9.84	13	Pass
LTE Band 66	20 MHz	LCH	QPSK	RB1#0	5.02	13	Pass
				RB100#0	5.48	13	Pass
			16-QAM	RB1#0	5.53	13	Pass
				RB100#0	6.23	13	Pass
		MCH	QPSK	RB1#0	4.87	13	Pass
				RB100#0	5.53	13	Pass
			16-QAM	RB1#0	5.67	13	Pass
				RB100#0	6.23	13	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Verdict
		HCH	QPSK	RB1#0	5.25	13	Pass
				RB100#0	5.48	13	Pass
			16-QAM	RB1#0	6.28	13	Pass
				RB100#0	6.23	13	Pass
LTE Band 71	20 MHz	LCH	QPSK	RB1#0	4.92	13	Pass
				RB100#0	5.53	13	Pass
			16-QAM	RB1#0	5.53	13	Pass
				RB100#0	6.23	13	Pass
		MCH	QPSK	RB1#0	4.78	13	Pass
				RB100#0	5.39	13	Pass
			16-QAM	RB1#0	5.62	13	Pass
				RB100#0	6.05	13	Pass
		HCH	QPSK	RB1#0	4.22	13	Pass
				RB100#0	5.3	13	Pass
			16-QAM	RB1#0	5.2	13	Pass
				RB100#0	6.05	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.:BL-SZ24C0923-501 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)
GSM 850	LCH	0.245	0.31
	MCH	0.247	0.313
	HCH	0.244	0.312
GSM 1900	LCH	0.246	0.307
	MCH	0.245	0.309
	HCH	0.245	0.315
WCDMA Band 2	LCH	4.164	4.738
	MCH	4.16	4.719
	HCH	4.163	4.723
WCDMA Band 4	LCH	4.157	4.71
	MCH	4.163	4.714
	HCH	4.158	4.715
WCDMA Band 5	LCH	4.17	4.727
	MCH	4.179	4.794
	HCH	4.156	4.719

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)
Band 2	1.4 MHz	LCH	QPSK	RB6#0	1.085	1.269
			16-QAM	RB6#0	1.092	1.302
		MCH	QPSK	RB6#0	1.09	1.291
			16-QAM	RB6#0	1.085	1.272
		HCH	QPSK	RB6#0	1.089	1.274
			16-QAM	RB6#0	1.088	1.266
	3 MHz	LCH	QPSK	RB15#0	2.687	2.901
			16-QAM	RB15#0	2.686	2.946
		MCH	QPSK	RB15#0	2.688	2.921
			16-QAM	RB15#0	2.688	2.918
		HCH	QPSK	RB15#0	2.688	2.922
			16-QAM	RB15#0	2.685	2.922
	5 MHz	LCH	QPSK	RB25#0	4.501	4.922
			16-QAM	RB25#0	4.48	4.991
		MCH	QPSK	RB25#0	4.486	4.921
			16-QAM	RB25#0	4.485	4.93
		HCH	QPSK	RB25#0	4.48	4.919
			16-QAM	RB25#0	4.484	4.946
	10 MHz	LCH	QPSK	RB50#0	8.959	9.772
			16-QAM	RB50#0	8.951	9.74
		MCH	QPSK	RB50#0	8.955	9.758
			16-QAM	RB50#0	8.951	9.739
		HCH	QPSK	RB50#0	8.961	9.773
			16-QAM	RB50#0	8.962	9.785
	15 MHz	LCH	QPSK	RB75#0	13.425	14.643
			16-QAM	RB75#0	13.422	14.636
		MCH	QPSK	RB75#0	13.411	14.575
			16-QAM	RB75#0	13.44	14.6
		HCH	QPSK	RB75#0	13.422	14.705
			16-QAM	RB75#0	13.441	14.59
	20 MHz	LCH	QPSK	RB100#0	17.928	19.356
			16-QAM	RB100#0	17.976	19.373
		MCH	QPSK	RB100#0	17.931	19.353
			16-QAM	RB100#0	17.901	19.411
		HCH	QPSK	RB100#0	17.942	19.358
			16-QAM	RB100#0	17.899	19.28

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 4	1.4 MHz	LCH	QPSK	RB6#0	1.085	1.268
			16-QAM	RB6#0	1.091	1.303
		MCH	QPSK	RB6#0	1.09	1.289
			16-QAM	RB6#0	1.084	1.267
		HCH	QPSK	RB6#0	1.089	1.273
			16-QAM	RB6#0	1.086	1.266
	3 MHz	LCH	QPSK	RB15#0	2.687	2.91
			16-QAM	RB15#0	2.684	2.948
		MCH	QPSK	RB15#0	2.68	2.922
			16-QAM	RB15#0	2.689	2.919
		HCH	QPSK	RB15#0	2.688	2.932
			16-QAM	RB15#0	2.681	2.926
	5 MHz	LCH	QPSK	RB25#0	4.486	4.924
			16-QAM	RB25#0	4.481	4.907
		MCH	QPSK	RB25#0	4.487	4.935
			16-QAM	RB25#0	4.485	4.944
		HCH	QPSK	RB25#0	4.482	4.9
			16-QAM	RB25#0	4.486	4.929
	10 MHz	LCH	QPSK	RB50#0	8.957	9.853
			16-QAM	RB50#0	8.962	9.78
		MCH	QPSK	RB50#0	8.956	9.753
			16-QAM	RB50#0	8.949	9.764
		HCH	QPSK	RB50#0	8.952	9.758
			16-QAM	RB50#0	8.95	9.786
	15 MHz	LCH	QPSK	RB75#0	13.431	14.637
			16-QAM	RB75#0	13.424	14.595
		MCH	QPSK	RB75#0	13.421	14.596
			16-QAM	RB75#0	13.438	14.572
		HCH	QPSK	RB75#0	13.412	14.753
			16-QAM	RB75#0	13.429	14.586
	20 MHz	LCH	QPSK	RB100#0	17.907	19.262
			16-QAM	RB100#0	17.938	19.382
		MCH	QPSK	RB100#0	17.915	19.336
			16-QAM	RB100#0	17.912	19.416
		HCH	QPSK	RB100#0	17.93	19.574
			16-QAM	RB100#0	17.92	19.358

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 5	1.4 MHz	LCH	QPSK	RB6#0	1.083	1.279
			16-QAM	RB6#0	1.091	1.281
		MCH	QPSK	RB6#0	1.09	1.288
			16-QAM	RB6#0	1.083	1.267
		HCH	QPSK	RB6#0	1.091	1.271
			16-QAM	RB6#0	1.088	1.276
	3 MHz	LCH	QPSK	RB15#0	2.692	2.916
			16-QAM	RB15#0	2.682	2.915
		MCH	QPSK	RB15#0	2.685	2.919
			16-QAM	RB15#0	2.688	2.916
		HCH	QPSK	RB15#0	2.685	2.928
			16-QAM	RB15#0	2.683	2.923
	5 MHz	LCH	QPSK	RB25#0	4.491	4.921
			16-QAM	RB25#0	4.484	4.898
		MCH	QPSK	RB25#0	4.487	4.907
			16-QAM	RB25#0	4.489	4.935
		HCH	QPSK	RB25#0	4.482	4.885
			16-QAM	RB25#0	4.485	4.944
	10 MHz	LCH	QPSK	RB50#0	8.985	9.851
			16-QAM	RB50#0	8.98	9.742
		MCH	QPSK	RB50#0	8.966	9.776
			16-QAM	RB50#0	8.956	9.728
		HCH	QPSK	RB50#0	8.962	9.78
			16-QAM	RB50#0	8.957	9.742

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 7	5 MHz	LCH	QPSK	RB25#0	4.495	4.939
			16-QAM	RB25#0	4.488	4.917
		MCH	QPSK	RB25#0	4.495	4.931
			16-QAM	RB25#0	4.498	4.932
		HCH	QPSK	RB25#0	4.483	4.885
			16-QAM	RB25#0	4.492	4.952
	10 MHz	LCH	QPSK	RB50#0	8.973	9.818
			16-QAM	RB50#0	8.976	9.767
		MCH	QPSK	RB50#0	8.969	9.777
			16-QAM	RB50#0	8.962	9.787
		HCH	QPSK	RB50#0	8.964	9.784
			16-QAM	RB50#0	8.975	9.781
	15 MHz	LCH	QPSK	RB75#0	13.443	14.617
			16-QAM	RB75#0	13.441	14.604
		MCH	QPSK	RB75#0	13.417	14.569
			16-QAM	RB75#0	13.448	14.667
		HCH	QPSK	RB75#0	13.441	14.687
			16-QAM	RB75#0	13.442	14.624
	20 MHz	LCH	QPSK	RB100#0	17.912	19.301
			16-QAM	RB100#0	17.917	19.391
		MCH	QPSK	RB100#0	17.903	19.306
			16-QAM	RB100#0	17.924	19.399
		HCH	QPSK	RB100#0	17.905	19.435
			16-QAM	RB100#0	17.914	19.354

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 12	1.4 MHz	LCH	QPSK	RB6#0	1.085	1.269
			16-QAM	RB6#0	1.091	1.303
		MCH	QPSK	RB6#0	1.088	1.29
			16-QAM	RB6#0	1.085	1.265
		HCH	QPSK	RB6#0	1.091	1.278
			16-QAM	RB6#0	1.088	1.273
	3 MHz	LCH	QPSK	RB15#0	2.685	2.912
			16-QAM	RB15#0	2.682	2.933
		MCH	QPSK	RB15#0	2.686	2.921
			16-QAM	RB15#0	2.686	2.922
		HCH	QPSK	RB15#0	2.691	2.93
			16-QAM	RB15#0	2.682	2.927
	5 MHz	LCH	QPSK	RB25#0	4.517	5.16
			16-QAM	RB25#0	4.507	5.124
		MCH	QPSK	RB25#0	4.505	5.142
			16-QAM	RB25#0	4.516	5.148
		HCH	QPSK	RB25#0	4.505	5.124
			16-QAM	RB25#0	4.513	5.204
	10 MHz	LCH	QPSK	RB50#0	8.994	10.235
			16-QAM	RB50#0	8.989	10.08
		MCH	QPSK	RB50#0	8.968	10.107
			16-QAM	RB50#0	8.977	10.134
		HCH	QPSK	RB50#0	8.983	10.139
			16-QAM	RB50#0	8.982	10.117

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 13	5 MHz	LCH	QPSK	RB25#0	4.518	5.197
			16-QAM	RB25#0	4.503	5.15
		MCH	QPSK	RB25#0	4.51	5.163
			16-QAM	RB25#0	4.514	5.228
		HCH	QPSK	RB25#0	4.503	5.136
			16-QAM	RB25#0	4.514	5.154
	10 MHz	MCH	QPSK	RB50#0	9.004	10.323
			16-QAM	RB50#0	8.99	9.994

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 17	5 MHz	LCH	QPSK	RB25#0	4.515	5.162
			16-QAM	RB25#0	4.509	5.125
		MCH	QPSK	RB25#0	4.503	5.126
			16-QAM	RB25#0	4.514	5.157
		HCH	QPSK	RB25#0	4.506	5.124
			16-QAM	RB25#0	4.512	5.353
	10 MHz	LCH	QPSK	RB50#0	8.998	10.232
			16-QAM	RB50#0	8.997	10.102
		MCH	QPSK	RB50#0	8.969	10.052
			16-QAM	RB50#0	8.97	10.127
		HCH	QPSK	RB50#0	8.987	10.065
			16-QAM	RB50#0	8.986	10.097

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 18(Part 22)	5 MHz	LCH	QPSK	RB25#0	4.519	5.196
			16-QAM	RB25#0	4.512	5.091
		MCH	QPSK	RB25#0	4.508	5.142
			16-QAM	RB25#0	4.513	5.144
		HCH	QPSK	RB25#0	4.506	5.142
			16-QAM	RB25#0	4.519	5.198

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 18(Part 90)	5 MHz	LCH	QPSK	RB25#0	4.515	5.179
			16-QAM	RB25#0	4.509	5.114
		MCH	QPSK	RB25#0	4.504	5.147
			16-QAM	RB25#0	4.513	5.169
		HCH	QPSK	RB25#0	4.51	5.159
			16-QAM	RB25#0	4.515	5.186

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 19	5 MHz	LCH	QPSK	RB25#0	4.518	5.22
			16-QAM	RB25#0	4.515	5.106
		MCH	QPSK	RB25#0	4.509	5.156
			16-QAM	RB25#0	4.518	5.155
		HCH	QPSK	RB25#0	4.503	5.141
			16-QAM	RB25#0	4.51	5.2
	10 MHz	LCH	QPSK	RB50#0	8.996	10.234
			16-QAM	RB50#0	8.972	10.022
		MCH	QPSK	RB50#0	8.959	10.039
			16-QAM	RB50#0	8.978	10.021
		HCH	QPSK	RB50#0	8.991	10.134
			16-QAM	RB50#0	8.98	10.098
	15 MHz	MCH	QPSK	RB75#0	13.48	15.142
			16-QAM	RB75#0	13.458	15.03

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 25	1.4 MHz	LCH	QPSK	RB6#0	1.086	1.273
			16-QAM	RB6#0	1.092	1.299
		MCH	QPSK	RB6#0	1.091	1.288
			16-QAM	RB6#0	1.085	1.266
		HCH	QPSK	RB6#0	1.092	1.287
			16-QAM	RB6#0	1.088	1.262
	3 MHz	LCH	QPSK	RB15#0	2.687	2.909
			16-QAM	RB15#0	2.684	2.94
		MCH	QPSK	RB15#0	2.682	2.921
			16-QAM	RB15#0	2.681	2.915
		HCH	QPSK	RB15#0	2.687	2.925
			16-QAM	RB15#0	2.686	2.926
	5 MHz	LCH	QPSK	RB25#0	4.517	5.223
			16-QAM	RB25#0	4.508	5.152
		MCH	QPSK	RB25#0	4.506	5.145
			16-QAM	RB25#0	4.514	5.143
		HCH	QPSK	RB25#0	4.504	5.143
			16-QAM	RB25#0	4.516	5.19
	10 MHz	LCH	QPSK	RB50#0	8.999	10.145
			16-QAM	RB50#0	8.979	9.992
		MCH	QPSK	RB50#0	8.963	10.042
			16-QAM	RB50#0	8.976	9.973
		HCH	QPSK	RB50#0	8.976	10.078
			16-QAM	RB50#0	8.99	10.137
	15 MHz	LCH	QPSK	RB75#0	13.493	15.115
			16-QAM	RB75#0	13.468	15.067
		MCH	QPSK	RB75#0	13.458	15.014
			16-QAM	RB75#0	13.501	15.086
		HCH	QPSK	RB75#0	13.475	15.17
			16-QAM	RB75#0	13.482	15.044
	20 MHz	LCH	QPSK	RB100#0	17.935	19.645
			16-QAM	RB100#0	17.962	19.724
		MCH	QPSK	RB100#0	17.959	19.735
			16-QAM	RB100#0	17.968	19.862
		HCH	QPSK	RB100#0	17.983	20.063
			16-QAM	RB100#0	17.966	19.702

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 26 (Part22)	1.4 MHz	LCH	QPSK	RB6#0	1.086	1.269
			16-QAM	RB6#0	1.091	1.299
		MCH	QPSK	RB6#0	1.086	1.281
			16-QAM	RB6#0	1.085	1.275
		HCH	QPSK	RB6#0	1.09	1.272
			16-QAM	RB6#0	1.091	1.282
	3 MHz	LCH	QPSK	RB15#0	2.688	2.918
			16-QAM	RB15#0	2.684	2.916
		MCH	QPSK	RB15#0	2.684	2.908
			16-QAM	RB15#0	2.685	2.917
		HCH	QPSK	RB15#0	2.686	2.917
			16-QAM	RB15#0	2.679	2.927
	5 MHz	LCH	QPSK	RB25#0	4.501	4.932
			16-QAM	RB25#0	4.48	4.909
		MCH	QPSK	RB25#0	4.492	4.936
			16-QAM	RB25#0	4.486	4.929
		HCH	QPSK	RB25#0	4.486	4.925
			16-QAM	RB25#0	4.486	4.944
	10 MHz	LCH	QPSK	RB50#0	8.97	9.868
			16-QAM	RB50#0	8.97	9.77
		MCH	QPSK	RB50#0	8.963	9.764
			16-QAM	RB50#0	8.954	9.795
		HCH	QPSK	RB50#0	8.963	9.779
			16-QAM	RB50#0	8.952	9.746
	15 MHz	LCH	QPSK	RB75#0	13.446	14.646
			16-QAM	RB75#0	13.44	14.599
		MCH	QPSK	RB75#0	13.411	14.589
			16-QAM	RB75#0	13.424	14.593
		HCH	QPSK	RB75#0	13.405	14.668
			16-QAM	RB75#0	13.412	14.576

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 26 (Part90)	1.4 MHz	LCH	QPSK	RB6#0	1.083	1.268
			16-QAM	RB6#0	1.09	1.303
		MCH	QPSK	RB6#0	1.091	1.287
			16-QAM	RB6#0	1.085	1.27
		HCH	QPSK	RB6#0	1.091	1.278
			16-QAM	RB6#0	1.087	1.275
	3 MHz	LCH	QPSK	RB15#0	2.685	2.923
			16-QAM	RB15#0	2.687	2.935
		MCH	QPSK	RB15#0	2.685	2.915
			16-QAM	RB15#0	2.688	2.917
		HCH	QPSK	RB15#0	2.684	2.927
			16-QAM	RB15#0	2.684	2.924
	5 MHz	LCH	QPSK	RB25#0	4.493	4.916
			16-QAM	RB25#0	4.483	4.909
		MCH	QPSK	RB25#0	4.492	4.921
			16-QAM	RB25#0	4.487	4.919
		HCH	QPSK	RB25#0	4.487	4.929
			16-QAM	RB25#0	4.482	4.94
	10 MHz	MCH	QPSK	RB50#0	8.971	9.827
			16-QAM	RB50#0	8.96	9.739

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 38	5 MHz	LCH	QPSK	RB25#0	4.491	5.114
			16-QAM	RB25#0	4.496	5.306
		MCH	QPSK	RB25#0	4.506	4.977
			16-QAM	RB25#0	4.497	5.166
		HCH	QPSK	RB25#0	4.498	5.326
			16-QAM	RB25#0	4.493	5.012
	10 MHz	LCH	QPSK	RB50#0	9.007	11.523
			16-QAM	RB50#0	8.993	9.845
		MCH	QPSK	RB50#0	8.986	9.863
			16-QAM	RB50#0	8.97	10.303
		HCH	QPSK	RB50#0	9.016	10.771
			16-QAM	RB50#0	9.005	11.558
	15 MHz	LCH	QPSK	RB75#0	13.491	15.663
			16-QAM	RB75#0	13.489	15.78
		MCH	QPSK	RB75#0	13.476	15.417
			16-QAM	RB75#0	13.527	15.354
		HCH	QPSK	RB75#0	13.456	15.59
			16-QAM	RB75#0	13.533	16.619
	20 MHz	LCH	QPSK	RB100#0	17.982	20.109
			16-QAM	RB100#0	17.943	20.108
		MCH	QPSK	RB100#0	17.936	20.266
			16-QAM	RB100#0	17.968	21.431
		HCH	QPSK	RB100#0	17.962	20.772
			16-QAM	RB100#0	17.937	20.153

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 41	5 MHz	LCH	QPSK	RB25#0	4.493	4.964
			16-QAM	RB25#0	4.499	5.173
		MCH	QPSK	RB25#0	4.509	4.974
			16-QAM	RB25#0	4.488	5.107
		HCH	QPSK	RB25#0	4.494	5.111
			16-QAM	RB25#0	4.49	4.972
	10 MHz	LCH	QPSK	RB50#0	8.982	10.204
			16-QAM	RB50#0	8.991	9.966
		MCH	QPSK	RB50#0	8.969	9.865
			16-QAM	RB50#0	8.975	10.249
		HCH	QPSK	RB50#0	9.002	9.931
			16-QAM	RB50#0	8.996	11.507
	15 MHz	LCH	QPSK	RB75#0	13.493	15.446
			16-QAM	RB75#0	13.473	15.736
		MCH	QPSK	RB75#0	13.458	15.311
			16-QAM	RB75#0	13.524	15.689
		HCH	QPSK	RB75#0	13.449	15.452
			16-QAM	RB75#0	13.526	16.206
	20 MHz	LCH	QPSK	RB100#0	17.971	19.68
			16-QAM	RB100#0	17.947	20.019
		MCH	QPSK	RB100#0	17.942	19.905
			16-QAM	RB100#0	17.966	22.202
		HCH	QPSK	RB100#0	17.951	19.843
			16-QAM	RB100#0	17.909	19.905

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 66	1.4 MHz	LCH	QPSK	RB6#0	1.085	1.269
			16-QAM	RB6#0	1.092	1.301
		MCH	QPSK	RB6#0	1.091	1.287
			16-QAM	RB6#0	1.084	1.27
		HCH	QPSK	RB6#0	1.09	1.274
			16-QAM	RB6#0	1.089	1.271
	3 MHz	LCH	QPSK	RB15#0	2.686	2.91
			16-QAM	RB15#0	2.686	2.947
		MCH	QPSK	RB15#0	2.681	2.924
			16-QAM	RB15#0	2.689	2.914
		HCH	QPSK	RB15#0	2.687	2.923
			16-QAM	RB15#0	2.68	2.929
	5 MHz	LCH	QPSK	RB25#0	4.515	5.164
			16-QAM	RB25#0	4.5	5.164
		MCH	QPSK	RB25#0	4.503	5.13
			16-QAM	RB25#0	4.513	5.154
		HCH	QPSK	RB25#0	4.501	5.14
			16-QAM	RB25#0	4.509	5.18
	10 MHz	LCH	QPSK	RB50#0	8.989	10.205
			16-QAM	RB50#0	8.98	10.024
		MCH	QPSK	RB50#0	8.972	10.026
			16-QAM	RB50#0	8.97	10.011
		HCH	QPSK	RB50#0	8.977	10.148
			16-QAM	RB50#0	8.971	10.149
	15 MHz	LCH	QPSK	RB75#0	13.472	15.12
			16-QAM	RB75#0	13.454	15.018
		MCH	QPSK	RB75#0	13.434	14.978
			16-QAM	RB75#0	13.467	15.012
		HCH	QPSK	RB75#0	13.448	15.091
			16-QAM	RB75#0	13.47	15.088
	20 MHz	LCH	QPSK	RB100#0	17.942	19.664
			16-QAM	RB100#0	17.964	19.815
		MCH	QPSK	RB100#0	17.915	19.736
			16-QAM	RB100#0	17.949	19.757
		HCH	QPSK	RB100#0	17.963	19.867
			16-QAM	RB100#0	17.923	19.715

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)
Band 71	5 MHz	LCH	QPSK	RB25#0	4.501	5.122
			16-QAM	RB25#0	4.514	5.3
		MCH	QPSK	RB25#0	4.516	5.217
			16-QAM	RB25#0	4.511	5.11
		HCH	QPSK	RB25#0	4.506	5.132
			16-QAM	RB25#0	4.52	5.143
	10 MHz	LCH	QPSK	RB50#0	9.016	10.684
			16-QAM	RB50#0	9.008	10.115
		MCH	QPSK	RB50#0	8.992	10.152
			16-QAM	RB50#0	8.978	10.102
		HCH	QPSK	RB50#0	8.992	10.064
			16-QAM	RB50#0	8.973	10.071
	15 MHz	LCH	QPSK	RB75#0	13.522	15.62
			16-QAM	RB75#0	13.509	16.157
		MCH	QPSK	RB75#0	13.447	15.086
			16-QAM	RB75#0	13.476	14.986
		HCH	QPSK	RB75#0	13.447	15.115
			16-QAM	RB75#0	13.473	15.106
	20 MHz	LCH	QPSK	RB100#0	17.941	19.642
			16-QAM	RB100#0	18.004	19.675
		MCH	QPSK	RB100#0	17.912	19.757
			16-QAM	RB100#0	17.957	19.851
		HCH	QPSK	RB100#0	17.944	19.989
			16-QAM	RB100#0	17.922	19.782

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)	
3.8	-30	17	±2060.5	17.2	±2091.5	13.4	±2122	Pass
	-20	13.4		17.4		18.6		
	-10	12.2		13.7		16		
	0	12.6		15.7		16.5		
	10	9.69		16.3		9.56		
	20	18.9		13.3		11.6		
	25	14.8		16.4		15.8		
	30	14.5		12.4		14.9		
	40	13.7		17.5		12.5		
	50	9.33		15.7		15.3		
4.45	25	13.5		13.2		15.6		
3.4	25	13.7		19.6		15.8		

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)	
3.8	-30	29.6	±4625.5	32.2	±4700.0	27.4	±4774.5	Pass
	-20	27.9		28.8		28.7		
	-10	32.8		32.8		27.7		
	0	28.6		30		28.8		
	10	35.7		26.4		27.1		
	20	32.5		37.1		33.1		
	25	33.3		29.4		31.7		
	30	35.4		30.4		32.7		
	40	32.3		28.7		31.5		
	50	31.2		26.3		33		
4.45	25	36.5		24		28.7		
3.4	25	32.5		33.4		31.5		

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)	
3.8	-30	10.7	±2060.5	14.9	±2091.5	13.8	±2122	Pass
	-20	13.8		12.6		14.1		
	-10	10.2		10.9		12.2		
	0	10.6		14.1		13.2		
	10	12.5		11.4		12.9		
	20	11.9		12.1		13.1		
	25	12.3		12.5		10.6		
	30	10.2		13.5		12.6		
	40	8.94		9.1		10.9		
	50	10.6		12.7		12		
4.45	25	10.8		12.8		7.81		
3.4	25	12		12.1		11.9		

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)	
3.8	-30	27.3	±4625.5	22.5	±4700.0	27.9	±4774.5	Pass
	-20	25.2		19		23.8		
	-10	23.8		26.2		31.5		
	0	24.5		25.6		24.2		
	10	28		27.5		29.3		
	20	26.7		26.5		24.3		
	25	23.4		27		28.9		
	30	21.2		26.7		28.9		
	40	29.3		28.8		27.3		
	50	28		22.9		25.3		
4.45	25	26.5		23.3		24.5		
3.4	25	27.2		23.6		22		

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)	
3.8	-30	-8.65	±4631	-6.75	±4700	-7.03	±4769	Pass
	-20	-11.39		-16.06		-13.29		
	-10	-12.51		-6.86		-7.7		
	0	-7.9		-9.15		-13.85		
	10	-15.03		-12.33		-12.04		
	20	-7.42		-11.44		-9.93		
	25	-5.16		-5.34		-10.06		
	30	-11.04		-11.01		-14.4		
	40	-5.2		-2.55		-11.94		
	50	-4.41		-9.8		-11.17		
4.45	25	-1.6		-9.51		-10.56		
3.4	25	-14.69		-9.26		-8.96		

WCDMA Band 4

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1712.4 MHz		MCH 1732.4 MHz		HCH 1752.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.8	-30	-3.73	±4281	-9.68	±4331	-9.04	±4381.5	Pass
	-20	-9.7		-3.88		-12.22		
	-10	-14.78		-11.17		-9.98		
	0	-6.5		-8.73		-14.58		
	10	-5.21		-7.95		-14.05		
	20	-10.84		-7		-6.68		
	25	-6.84		-8.78		-12.38		
	30	-10.17		-8.32		-8.25		
	40	-9.88		-10.52		-9.42		
	50	-6.83		-7.25		-9.88		
4.45	25	-8.23		-6.88		-8.23		
3.4	25	-9.72		-10.75		-11.58		

WCDMA Band B5

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)	
3.8	-30	-1.79	±2066	-9.93	±2091	-4.81	±2116.5	Pass
	-20	-4.01		-6.52		-13.27		
	-10	-3.68		-7.12		-13.02		
	0	-8.78		-10.41		-9.34		
	10	-4.55		-4.96		-9.47		
	20	-2.73		-13.14		-10.95		
	25	-10.79		-10.53		-14.27		
	30	-2.51		-13.24		-8.5		
	40	-4.68		-7.72		-6.69		
	50	-7.78		-6.77		-9.96		
4.45	25	-8.4		-9.96		-8.6		
3.4	25	-8.08		-13.98		-6.67		

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-9.64	±4700	Pass
	-20	-9.56		
	-10	-4.88		
	0	-7.55		
	10	-7.18		
	20	-4.73		
	25	-7.12		
	30	-8.28		
	40	-5.45		
	50	-8.25		
4.45	25	-5.51		
3.4	25	-6.49		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-8.64	±4700	Pass
	-20	-8.11		
	-10	-3.85		
	0	-6.65		
	10	-6.9		
	20	-8.47		
	25	-8.18		
	30	-7.22		
	40	-7.28		
	50	-7.35		
4.45	25	-3.75		
3.4	25	-7.18		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-3.35	±4331.25	Pass
	-20	-0.09		
	-10	-3.91		
	0	-2.66		
	10	-4.68		
	20	-3.09		
	25	-3.19		
	30	-2.66		
	40	-4.45		
	50	-4.56		
4.45	25	-8.24		
3.4	25	-2.66		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-7.97	±4331.25	Pass
	-20	-6.47		
	-10	-1.19		
	0	-3.4		
	10	-1.49		
	20	-0.5		
	25	-3.29		
	30	-0.36		
	40	-4.03		
	50	1.72		
4.45	25	-3.18		
3.4	25	-0.29		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-5.72	±2091.25	Pass
	-20	-6.77		
	-10	-5.61		
	0	-2.98		
	10	-5.52		
	20	-4.52		
	25	-2.96		
	30	-1.02		
	40	-6.69		
	50	-3.18		
4.45	25	-4.08		
3.4	25	-5.14		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-6.44	±2091.25	Pass
	-20	-5.38		
	-10	-6.42		
	0	-3.93		
	10	-2.8		
	20	-6.18		
	25	-4.45		
	30	-6.48		
	40	-5.49		
	50	-3.5		
4.45	25	-3.62		
3.4	25	-3.28		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-8.5	±6337.5	Pass
	-20	-6.94		
	-10	-6.59		
	0	-7.17		
	10	-2.86		
	20	-9.67		
	25	-0.56		
	30	-2.72		
	40	-7.58		
	50	-0.56		
4.45	25	0		
3.4	25	-7.24		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-10.71	±6337.5	Pass
	-20	-4.09		
	-10	-5.66		
	0	-1.99		
	10	0.86		
	20	1.17		
	25	-7.75		
	30	-2.6		
	40	-3.15		
	50	-8.78		
4.45	25	-5.64		
3.4	25	-6.31		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-9.44	±1768.75	Pass
	-20	-5.01		
	-10	-7.04		
	0	-5.44		
	10	-5.14		
	20	-0.41		
	25	-7.85		
	30	-7.64		
	40	-7.85		
	50	-3.92		
4.45	25	-4.16		
3.4	25	-3.65		

LTE Band 12 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-5.51	±1768.75	Pass
	-20	-6.01		
	-10	-4.95		
	0	-1.76		
	10	-2.76		
	20	-0.92		
	25	-6.35		
	30	-7.91		
	40	-5.29		
	50	-5.69		
4.45	25	-6.97		
3.4	25	-4.52		

LTE Band 13 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value (Hz)	Limits (Hz)	
3.8	-30	-8.44	±1955	Pass
	-20	-8.3		
	-10	-9.14		
	0	-8.75		
	10	-5.42		
	20	-7.93		
	25	-7.01		
	30	-5.31		
	40	-6.25		
	50	-6.52		
4.45	25	-6.38		
3.4	25	-7.45		

LTE Band 13 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value (Hz)	Limits (Hz)	
3.8	-30	-6.47	±1955	Pass
	-20	-5.84		
	-10	-7.88		
	0	-10.2		
	10	-7.54		
	20	-6.94		
	25	-6.44		
	30	-7.24		
	40	-8.88		
	50	-5.88		
4.45	25	-3.49		
3.4	25	-3.72		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-3.91	±1775	Pass
	-20	-4.65		
	-10	-3.63		
	0	-6.25		
	10	-10.53		
	20	-9.8		
	25	-5.05		
	30	-4.69		
	40	-7.25		
	50	-4.73		
4.45	25	-5.24		
3.4	25	-3.26		

LTE Band 17 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-4.46	±1775	Pass
	-20	-3.73		
	-10	-2.98		
	0	-9.06		
	10	-11.49		
	20	-7.81		
	25	-6.77		
	30	-3.09		
	40	-4.61		
	50	-4.16		
4.45	25	-3.83		
3.4	25	-1.89		

LTE Band 25 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1882.5 MHz		
		Value (Hz)	Limits (Hz)	
3.8	-30	-6.42	±4706.25	Pass
	-20	-3.29		
	-10	-2.16		
	0	-6.14		
	10	-2.39		
	20	-3.2		
	25	-2.99		
	30	-4.72		
	40	-5.25		
	50	-7.1		
4.45	25	-2.49		
3.4	25	-4.58		

LTE Band 25 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1882.5 MHz		
		Value (Hz)	Limits (Hz)	
3.8	-30	-7.41	±4706.25	Pass
	-20	-6.95		
	-10	-2.7		
	0	-4.41		
	10	-1.69		
	20	-6.51		
	25	-2.19		
	30	-3.3		
	40	-3.76		
	50	-0.8		
4.45	25	-5.99		
3.4	25	-2.7		

LTE Band 26 (Part90) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-5.56	±2047.5	Pass
	-20	-7.12		
	-10	-3.36		
	0	-3.49		
	10	-6.75		
	20	-10.79		
	25	-2.29		
	30	-4.85		
	40	-5.15		
	50	-8.31		
4.45	25	-3.1		
3.4	25	-2.62		

LTE Band 26 (Part90) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-6.07	±2047.5	Pass
	-20	-6.69		
	-10	-1.13		
	0	-3.93		
	10	-6.88		
	20	-9.6		
	25	-0.84		
	30	-4.61		
	40	-5.42		
	50	-9.23		
4.45	25	-3.46		
3.4	25	-4.94		

LTE Band 26 (Part22) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-6.25	±2091.25	Pass
	-20	-6.92		
	-10	-4.69		
	0	-3.08		
	10	-4.63		
	20	-3.58		
	25	-1.27		
	30	-2.72		
	40	-8.45		
	50	-7.34		
4.45	25	-7.6		
3.4	25	-6.55		

LTE Band 26 (Part22) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-6.79	±2091.25	Pass
	-20	-7.71		
	-10	-6.29		
	0	-5.79		
	10	-4.21		
	20	-3.81		
	25	-0.49		
	30	-4.38		
	40	-9.98		
	50	-8.74		
4.45	25	-7.61		
3.4	25	-5.65		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-7.41	±6487.5	Pass
	-20	-1.62		
	-10	-5.41		
	0	-9.83		
	10	-5.55		
	20	-7.24		
	25	-4.16		
	30	-4.13		
	40	-9.68		
	50	-3.65		
4.45	25	-3.96		
3.4	25	-11.49		

LTE Band 38 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-11	±6487.5	Pass
	-20	-4.13		
	-10	-10.86		
	0	-5.91		
	10	-6.51		
	20	-2.83		
	25	-9.24		
	30	-6.71		
	40	-14.18		
	50	-5.09		
4.45	25	-4.19		
3.4	25	-11.04		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-4.76	±6487.5	Pass
	-20	-10.44		
	-10	-11.77		
	0	-11.1		
	10	-9.84		
	20	-9.5		
	25	-9.61		
	30	-12.96		
	40	-10.3		
	50	-10.97		
4.45	25	-10.49		
3.4	25	-7.48		

LTE Band 41 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-16.09	±6487.5	Pass
	-20	-10.86		
	-10	-13.66		
	0	-11.27		
	10	-11.74		
	20	-8.24		
	25	-9.61		
	30	-9.78		
	40	-10.36		
	50	-10.63		
4.45	25	-8.13		
3.4	25	-9.41		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-5.01	±4362.5	Pass
	-20	-8.34		
	-10	-6.65		
	0	-7.58		
	10	-3.4		
	20	-8.08		
	25	-3.28		
	30	-3		
	40	-1.54		
	50	-4.02		
4.45	25	-2.07		
3.4	25	-5.29		

LTE Band 66 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.8	-30	-8.9	±4362.5	Pass
	-20	-6.34		
	-10	-4.51		
	0	-4.65		
	10	-7.64		
	20	-1.03		
	25	-5.38		
	30	-2.39		
	40	-5.46		
	50	-2.99		
4.45	25	-2.98		
3.4	25	-1.4		

LTE Band 71 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 680.5 MHz		
		Value (Hz)	Limits (Hz)	
3.8	-30	-7.28	±1701.25	Pass
	-20	-5.97		
	-10	-8.18		
	0	-9.77		
	10	-9.97		
	20	-4.23		
	25	-8.58		
	30	-9.08		
	40	-9.91		
	50	-5.21		
4.45	25	-7.67		
3.4	25	-11.01		

LTE Band 71 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 680.5 MHz		
		Value (Hz)	Limits (Hz)	
3.8	-30	-5.66	±1701.25	Pass
	-20	-5.24		
	-10	-5.75		
	0	-11.24		
	10	-2.93		
	20	-3.42		
	25	-8.4		
	30	-12.49		
	40	-7.98		
	50	-6.85		
4.45	25	-10.5		
3.4	25	-8.37		

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.: BL-SZ24C0923-501 Data Part 3.pdf”.

GSM Mode Test Verdict

GSM850						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	824.0763	824	848.9310	849	Pass
	-20	824.0770		848.9317		Pass
	-10	824.0750		848.9317		Pass
	0	824.0743		848.9229		Pass
	+10	824.0723		848.9349		Pass
	+20	824.0750		848.9327		Pass
	+25	824.0770		848.9327		Pass
	+30	824.0750		848.9258		Pass
	+40	824.0763		848.9288		Pass
	+50	824.0783		848.9249		Pass
4.45	+25	824.0716		848.9317		Pass
3.4	+25	824.0756		848.9232		Pass

GSM1900						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	1850.0763	1850	1909.9188	1910	Pass
	-20	1850.0803		1909.9230		Pass
	-10	1850.0723		1909.9318		Pass
	0	1850.0790		1909.9259		Pass
	+10	1850.0796		1909.9210		Pass
	+20	1850.0757		1909.9191		Pass
	+25	1850.0782		1909.9252		Pass
	+30	1850.0743		1909.9271		Pass
	+40	1850.0757		1909.9225		Pass
	+50	1850.0750		1909.9254		Pass
4.45	+25	1850.0769		1909.9259		Pass
3.4	+25	1850.0723		1909.9291		Pass

GPRS850						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	824.0790	824	848.9254	849	Pass
	-20	824.0770		848.9227		Pass
	-10	824.0770		848.9207		Pass
	0	824.0729		848.9234		Pass
	+10	824.0783		848.9200		Pass
	+20	824.0770		848.9236		Pass
	+25	824.0797		848.9214		Pass
	+30	824.0690		848.9236		Pass
	+40	824.0743		848.9217		Pass
	+50	824.0723		848.9217		Pass
4.45	+25	824.0723		848.9214		Pass
3.4	+25	824.0776		848.9254		Pass

GPRS1900						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	1850.0769	1850	1909.9183	1910	Pass
	-20	1850.0769		1909.9227		Pass
	-10	1850.0790		1909.9191		Pass
	0	1850.0769		1909.9203		Pass
	+10	1850.0769		1909.9220		Pass
	+20	1850.0790		1909.9210		Pass
	+25	1850.0743		1909.9222		Pass
	+30	1850.0757		1909.9220		Pass
	+40	1850.0796		1909.9240		Pass
	+50	1850.0790		1909.9210		Pass
4.45	+25	1850.0763		1909.9232		Pass
3.4	+25	1850.0790		1909.9218		Pass

WCDMA Mode Test Verdict

WCDMA B2						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	1850.3031	1850	1909.6868	1910	Pass
	-20	1850.3081		1909.6969		Pass
	-10	1850.3081		1909.6868		Pass
	0	1850.3031		1909.6919		Pass
	+10	1850.3031		1909.6969		Pass
	+20	1850.3081		1909.6919		Pass
	+25	1850.3081		1909.6919		Pass
	+30	1850.3031		1909.6919		Pass
	+40	1850.3031		1909.6868		Pass
	+50	1850.3031		1909.6919		Pass
4.45	+25	1850.3031		1909.6919		Pass
3.4	+25	1850.3081		1909.6919		Pass

WCDMA B4						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	1710.3081	1710	1754.6868	1755	Pass
	-20	1710.3031		1754.6868		Pass
	-10	1710.3031		1754.6868		Pass
	0	1710.3031		1754.6919		Pass
	+10	1710.3031		1754.6919		Pass
	+20	1710.3031		1754.6868		Pass
	+25	1710.3081		1754.6868		Pass
	+30	1710.3031		1754.6868		Pass
	+40	1710.3031		1754.6868		Pass
	+50	1710.3031		1754.6868		Pass
4.45	+25	1710.3081		1754.6868		Pass
3.4	+25	1710.3031		1754.6868		Pass

WCDMA B5						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	824.3030	824	848.6765	849	Pass
	-20	824.3030		848.6765		Pass
	-10	824.3030		848.6816		Pass
	0	824.2980		848.6765		Pass
	+10	824.3030		848.6816		Pass
	+20	824.3030		848.6765		Pass
	+25	824.2980		848.6765		Pass
	+30	824.3030		848.6765		Pass
	+40	824.3030		848.6816		Pass
	+50	824.2980		848.6816		Pass
4.45	+25	824.2980		848.6765		Pass
3.4	+25	824.3030		848.6816		Pass

LTE Mode Test Verdict

LTE B2						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	1850.5400	1850	1909.4600	1910	Pass
	-20	1850.5400		1909.4600		Pass
	-10	1850.5400		1909.4600		Pass
	0	1850.5400		1909.4600		Pass
	+10	1850.5400		1909.4600		Pass
	+20	1850.5400		1909.4600		Pass
	+25	1850.5400		1909.4600		Pass
	+30	1850.5400		1909.4600		Pass
	+40	1850.5400		1909.4600		Pass
	+50	1850.5400		1909.4600		Pass
4.45	+25	1850.5400		1909.4600		Pass
3.4	+25	1850.5400		1909.4600		Pass

LTE B4						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	1710.5400	1710	1754.4600	1755	Pass
	-20	1710.5400		1754.4600		Pass
	-10	1710.5300		1754.4600		Pass
	0	1710.5400		1754.4600		Pass
	+10	1710.5300		1754.4600		Pass
	+20	1710.5400		1754.4600		Pass
	+25	1710.5300		1754.4600		Pass
	+30	1710.5300		1754.4600		Pass
	+40	1710.5300		1754.4600		Pass
	+50	1710.5400		1754.4600		Pass
4.45	+25	1710.5400		1754.4600		Pass
3.4	+25	1710.5300		1754.4600		Pass

LTE B5						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	824.5300	824	848.4600	849	Pass
	-20	824.5300		848.4600		Pass
	-10	824.5300		848.4600		Pass
	0	824.5300		848.4600		Pass
	+10	824.5300		848.4600		Pass
	+20	824.5300		848.4600		Pass
	+25	824.5300		848.4600		Pass
	+30	824.5300		848.4600		Pass
	+40	824.5300		848.4600		Pass
	+50	824.5300		848.4600		Pass
4.45	+25	824.5300		848.4600		Pass
3.4	+25	824.5300		848.4600		Pass

LTE B7						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	2500.5400	2500	2569.4700	2570	Pass
	-20	2500.5400		2569.4700		Pass
	-10	2500.5400		2569.4700		Pass
	0	2500.5400		2569.4700		Pass
	+10	2500.5400		2569.4700		Pass
	+20	2500.5400		2569.4700		Pass
	+25	2500.5400		2569.4700		Pass
	+30	2500.5400		2569.4700		Pass
	+40	2500.5400		2569.4700		Pass
	+50	2500.5400		2569.4700		Pass
4.45	+25	2500.5400		2569.4700		Pass
3.4	+25	2500.5400		2569.4700		Pass

LTE B12						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	699.5300	699	715.4700	716	Pass
	-20	699.5300		715.4700		Pass
	-10	699.5300		715.4700		Pass
	0	699.5300		715.4700		Pass
	+10	699.5300		715.4600		Pass
	+20	699.5300		715.4700		Pass
	+25	699.5300		715.4700		Pass
	+30	699.5300		715.4700		Pass
	+40	699.5300		715.4700		Pass
	+50	699.5300		715.4700		Pass
4.45	+25	699.5300		715.4700		Pass
3.4	+25	699.5300		715.4600		Pass

LTE B13						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	777.5300	777	786.4700	787	Pass
	-20	777.5300		786.4700		Pass
	-10	777.5300		786.4700		Pass
	0	777.5300		786.4700		Pass
	+10	777.5300		786.4700		Pass
	+20	777.5300		786.4700		Pass
	+25	777.5300		786.4700		Pass
	+30	777.5300		786.4700		Pass
	+40	777.5300		786.4700		Pass
	+50	777.5300		786.4700		Pass
4.45	+25	777.5300		786.4700		Pass
3.4	+25	777.5300		786.4700		Pass

LTE B17						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	704.5300	704	715.4600	716	Pass
	-20	704.5300		715.4600		Pass
	-10	704.5300		715.4600		Pass
	0	704.5300		715.4600		Pass
	+10	704.5300		715.4600		Pass
	+20	704.5300		715.4600		Pass
	+25	704.5300		715.4600		Pass
	+30	704.5300		715.4600		Pass
	+40	704.5300		715.4600		Pass
	+50	704.5300		715.4600		Pass
4.45	+25	704.5300		715.4600		Pass
3.4	+25	704.5300		715.4600		Pass

LTE B25						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	1850.5400	1850	1914.4600	1915	Pass
	-20	1850.5400		1914.4600		Pass
	-10	1850.5400		1914.4600		Pass
	0	1850.5400		1914.4600		Pass
	+10	1850.5400		1914.4600		Pass
	+20	1850.5400		1914.4600		Pass
	+25	1850.5300		1914.4600		Pass
	+30	1850.5400		1914.4600		Pass
	+40	1850.5300		1914.4600		Pass
	+50	1850.5400		1914.4600		Pass
4.45	+25	1850.5300		1914.4600		Pass
3.4	+25	1850.5300		1914.4600		Pass

LTE B26						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	824.5300	824	848.4500	849	Pass
	-20	824.5300		848.4500		Pass
	-10	824.5300		848.4500		Pass
	0	824.5300		848.4500		Pass
	+10	824.5300		848.4500		Pass
	+20	824.5300		848.4500		Pass
	+25	824.5300		848.4500		Pass
	+30	824.5300		848.4500		Pass
	+40	824.5300		848.4500		Pass
	+50	824.5300		848.4500		Pass
4.45	+25	824.5300		848.4500		Pass
3.4	+25	824.5300		848.4500		Pass

LTE B38						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	2570.530029	2570	2619.459961	2620	Pass
	-20	2570.530029		2619.459961		Pass
	-10	2570.530029		2619.459961		Pass
	0	2570.530029		2619.459961		Pass
	+10	2570.530029		2619.459961		Pass
	+20	2570.530029		2619.459961		Pass
	+25	2570.530029		2619.469971		Pass
	+30	2570.530029		2619.459961		Pass
	+40	2570.530029		2619.459961		Pass
	+50	2570.530029		2619.459961		Pass
4.45	+25	2570.530029		2619.459961		Pass
3.4	+25	2570.530029		2619.459961		Pass

LTE B41						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	2535.530029	2535	2654.469971	2655	Pass
	-20	2535.540039		2654.459961		Pass
	-10	2535.530029		2654.459961		Pass
	0	2535.540039		2654.459961		Pass
	+10	2535.540039		2654.459961		Pass
	+20	2535.530029		2654.459961		Pass
	+25	2535.530029		2654.469971		Pass
	+30	2535.530029		2654.459961		Pass
	+40	2535.530029		2654.459961		Pass
	+50	2535.540039		2654.459961		Pass
4.45	+25	2535.540039		2654.459961		Pass
3.4	+25	2535.530029		2654.459961		Pass

LTE B66						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	1710.540039	1710	1779.459961	1780	Pass
	-20	1710.530029		1779.459961		Pass
	-10	1710.530029		1779.459961		Pass
	0	1710.540039		1779.459961		Pass
	+10	1710.530029		1779.459961		Pass
	+20	1710.540039		1779.459961		Pass
	+25	1710.530029		1779.459961		Pass
	+30	1710.540039		1779.459961		Pass
	+40	1710.540039		1779.459961		Pass
	+50	1710.540039		1779.459961		Pass
4.45	+25	1710.530029		1779.459961		Pass
3.4	+25	1710.530029		1779.459961		Pass

LTE B71						
Test Condition		Left Edge (MHz)	Limit (MHz)	Right Edge (MHz)	Limit (MHz)	Verdict Note2
Power (VDC)	Temperature (℃)					
3.8	-30	663.530029	663	697.460022	698	Pass
	-20	663.530029		697.460022		Pass
	-10	663.530029		697.460022		Pass
	0	663.530029		697.460022		Pass
	+10	663.530029		697.460022		Pass
	+20	663.530029		697.460022		Pass
	+25	663.530029		697.460022		Pass
	+30	663.530029		697.460022		Pass
	+40	663.530029		697.460022		Pass
	+50	663.530029		697.460022		Pass
4.45	+25	663.530029		697.460022		Pass
3.4	+25	663.530029		697.460022		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.:BL-SZ24C0923-501 Data Part 4.pdf”.

Note 4: The disturbance above 26.5GHz was very low, and the above harmonics were the highest point could befound 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
WCDMA Band 2	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 4	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 13	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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict Note3
Band 17	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 25	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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict Note3
			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 26 (Part22)	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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict Note3
Band 26 (Part90)	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	MCH	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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict Note3
Band 71	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.:BL-SZ24C0923-501 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
WCDMA Band 2	LCH	Pass
	HCH	Pass
WCDMA Band 4	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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict Note1
			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 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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict Note1
				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 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 13	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 17	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 25	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 26 (Part22)	MH	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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict Note1
			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
				RB100#0	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict Note1
Band 26 (Part90)	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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict Note1
				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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict Note1
Band 71	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

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.:BL-SZ24C0923-501 Data Part 6.pdf”.

Note 4: The disturbance above 26.5GHz was very low, and the above harmonics were the highest point could befound 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
WCDMA Band 2	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 4	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 5	LCH	Pass
	MCH	Pass
	HCH	Pass

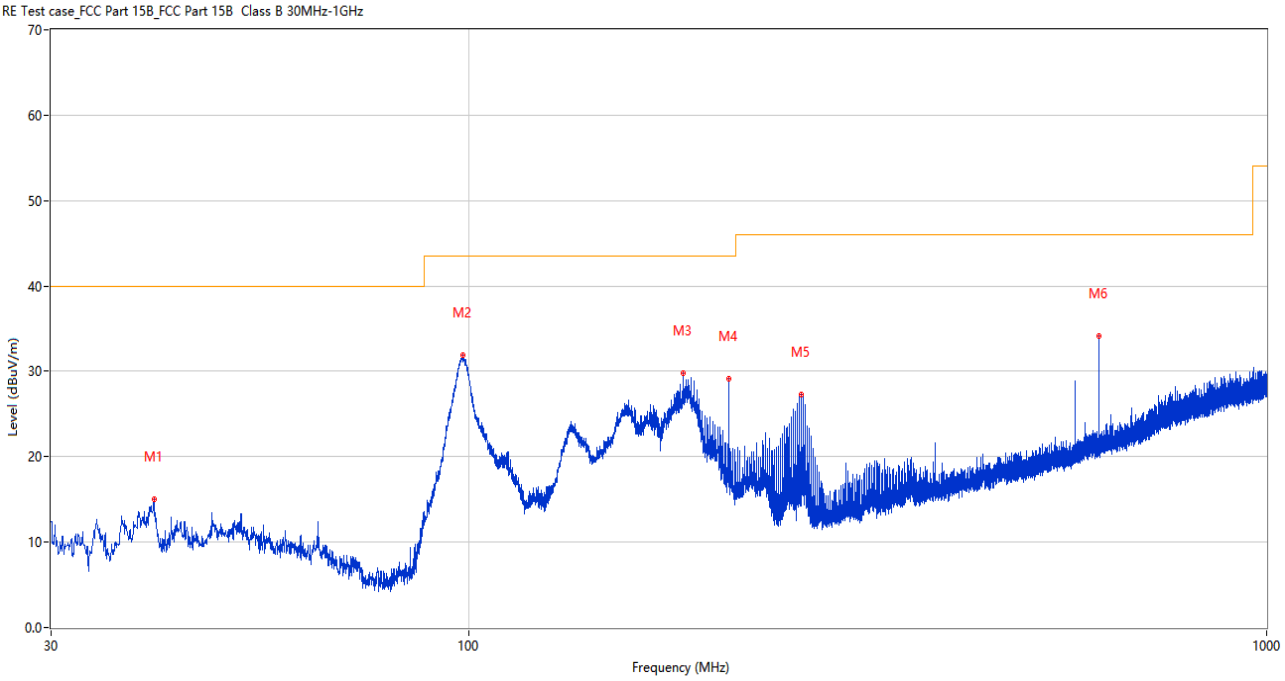
LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict Note3
Band 2	20 MHz	LCH	QPSK	RB1#0	Pass
Band 4	1.4 MHz	MCH	QPSK	RB1#0	Pass
Band 5	1.4 MHz	MCH	QPSK	RB1#0	Pass
Band 7	20 MHz	LCH	QPSK	RB1#0	Pass
Band 12	10 MHz	HCH	QPSK	RB1#0	Pass
Band 13	10 MHz	MCH	QPSK	RB1#0	Pass
Band 17	10 MHz	HCH	QPSK	RB1#0	Pass
Band 25	10 MHz	LCH	QPSK	RB1#0	Pass
Band 26(Part22)	1.4 MHz	MCH	QPSK	RB1#0	Pass
Band 26(Part90)	1.4 MHz	HCH	QPSK	RB1#0	Pass
Band 38	10 MHz	MCH	QPSK	RB1#0	Pass
Band 41	10 MHz	MCH	QPSK	RB1#0	Pass
Band 66	20 MHz	LCH	QPSK	RB1#0	Pass
Band 71	20 MHz	LCH	QPSK	RB1#0	Pass

A.8 Receiver Spurious Emissions

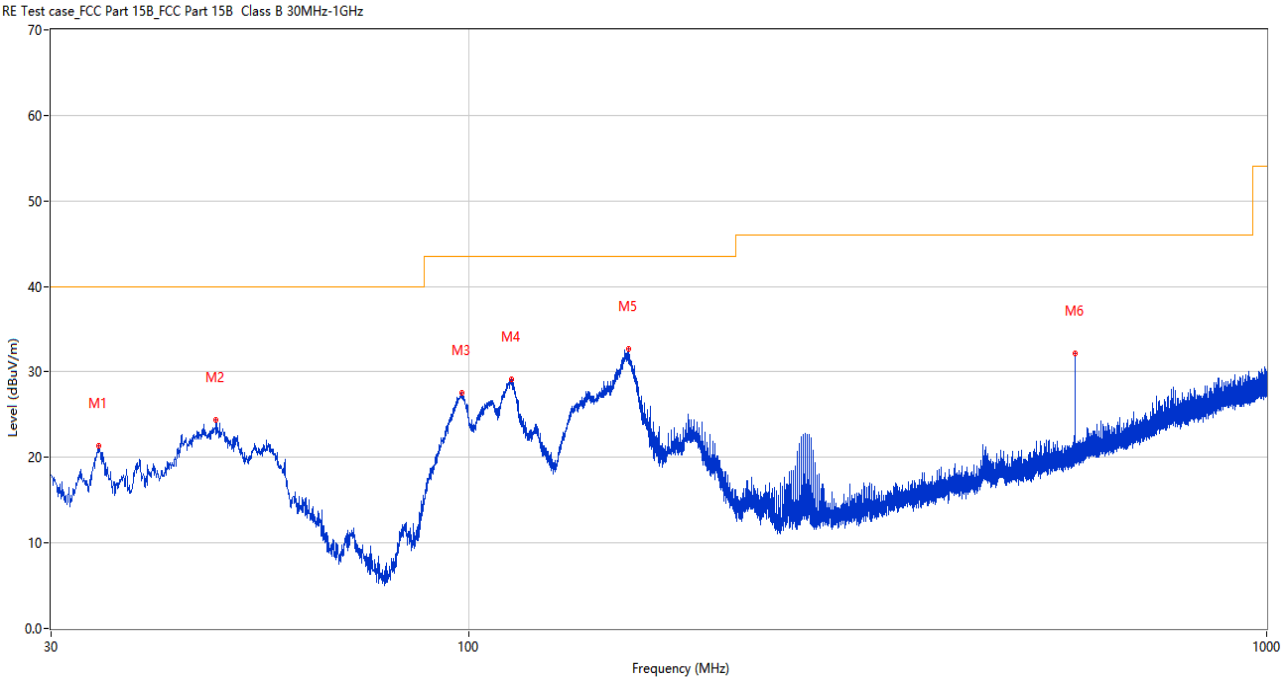
Note: Only the worst test results were recorded in this report.

30MHz to 1GHz, ANT H



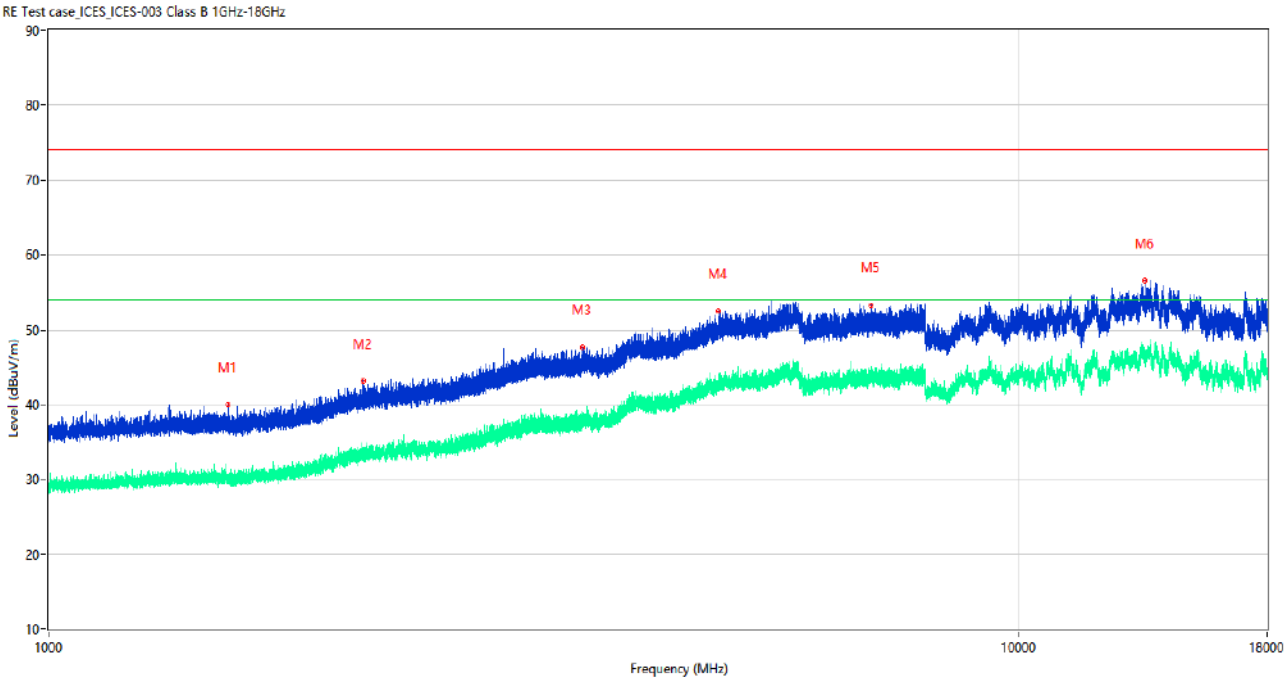
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	40.379	15.03	-26.62	40.0	24.97	Peak	161.00	200	Horizontal	Pass
2	98.385	31.88	-26.87	43.5	11.62	Peak	62.00	200	Horizontal	Pass
3	185.685	29.82	-27.71	43.5	13.68	Peak	265.00	200	Horizontal	Pass
4	212.020	29.14	-26.62	43.5	14.36	Peak	311.00	200	Horizontal	Pass
5	261.151	27.32	-24.72	46.0	18.68	Peak	216.00	100	Horizontal	Pass
6	616.026	34.17	-15.72	46.0	11.83	Peak	316.00	200	Horizontal	Pass

30MHz to 1GHz, ANT V



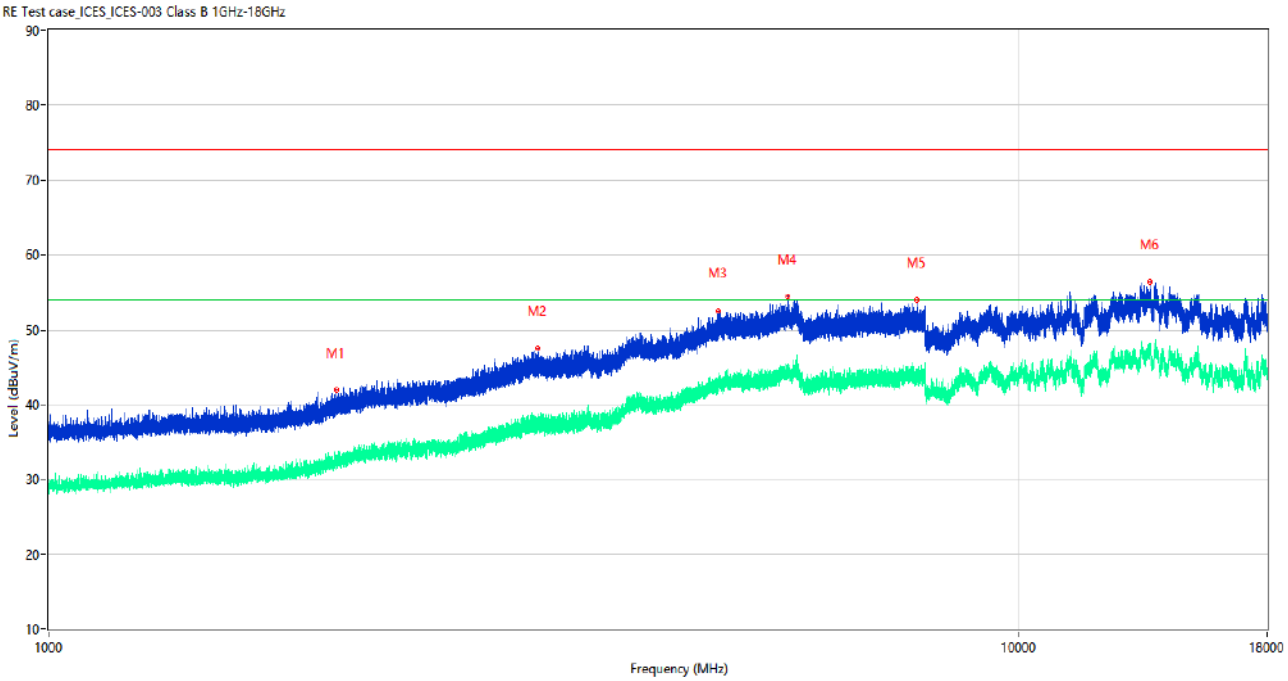
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	34.413	21.36	-28.11	40.0	18.64	Peak	142.00	100	Vertical	Pass
2	48.285	24.37	-25.20	40.0	15.63	Peak	113.00	100	Vertical	Pass
3	98.046	27.58	-26.83	43.5	15.92	Peak	357.00	200	Vertical	Pass
4	113.371	29.19	-27.00	43.5	14.31	Peak	108.00	100	Vertical	Pass
5	158.525	32.74	-29.82	43.5	10.76	Peak	257.00	100	Vertical	Pass
6	576.013	32.21	-16.80	46.0	13.79	Peak	248.00	100	Vertical	Pass

1GHz to 18GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.220	39.97	-15.61	74.0	34.03	Peak	25.00	100	Horizontal	Pass
1**	1532.220	29.81	-15.61	54.0	24.19	AV	25.00	100	Horizontal	Pass
2	2108.770	43.21	-12.46	74.0	30.79	Peak	360.00	100	Horizontal	Pass
2**	2108.770	33.18	-12.46	54.0	20.82	AV	360.00	100	Horizontal	Pass
3	3551.120	47.66	-4.75	74.0	26.34	Peak	270.00	100	Horizontal	Pass
3**	3551.120	37.88	-4.75	54.0	16.12	AV	270.00	100	Horizontal	Pass
4	4898.880	52.50	0.52	74.0	21.50	Peak	232.00	100	Horizontal	Pass
4**	4898.880	42.28	0.52	54.0	11.72	AV	232.00	100	Horizontal	Pass
5	7039.700	53.21	-0.62	74.0	20.79	Peak	319.00	100	Horizontal	Pass
5**	7039.700	43.85	-0.62	54.0	10.15	AV	319.00	100	Horizontal	Pass
6	13479.000	56.48	3.92	74.0	17.52	Peak	349.00	100	Horizontal	Pass
6**	13479.000	46.39	3.92	54.0	7.61	AV	349.00	100	Horizontal	Pass

1GHz to 18GHz, ANT V

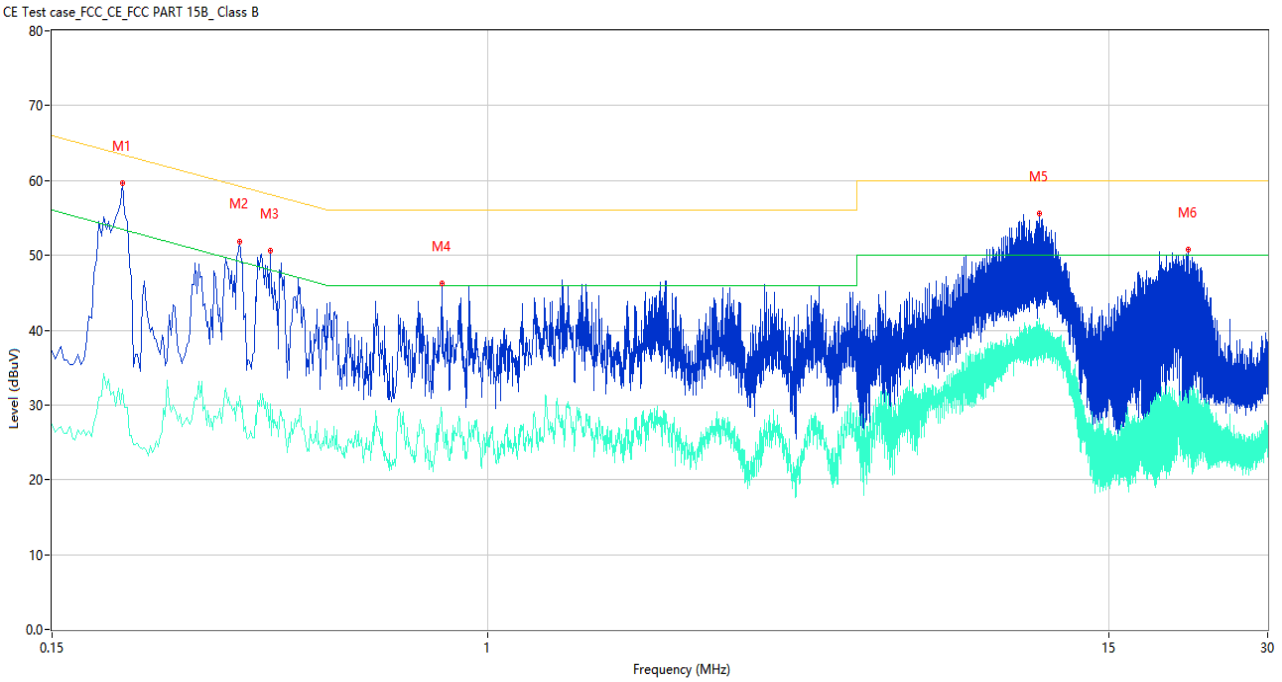


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1979.810	41.97	-13.29	74.0	32.03	Peak	0.00	100	Vertical	Pass
1**	1979.810	33.12	-13.29	54.0	20.88	AV	0.00	100	Vertical	Pass
2	3190.370	47.44	-6.07	74.0	26.56	Peak	207.00	100	Vertical	Pass
2**	3190.370	37.65	-6.07	54.0	16.35	AV	207.00	100	Vertical	Pass
3	4900.860	52.50	0.65	74.0	21.50	Peak	159.00	100	Vertical	Pass
3**	4900.860	42.58	0.65	54.0	11.42	AV	159.00	100	Vertical	Pass
4	5772.060	54.41	1.39	74.0	19.59	Peak	266.00	100	Vertical	Pass
4**	5772.060	44.13	1.39	54.0	9.87	AV	266.00	100	Vertical	Pass
5	7848.640	53.94	1.19	74.0	20.06	Peak	64.00	100	Vertical	Pass
5**	7848.640	44.49	1.19	54.0	9.51	AV	64.00	100	Vertical	Pass
6	13642.000	56.37	5.06	74.0	17.63	Peak	171.00	100	Vertical	Pass
6**	13642.000	46.79	5.06	54.0	7.21	AV	171.00	100	Vertical	Pass

A.9 AC Power-line Conducted Emissions

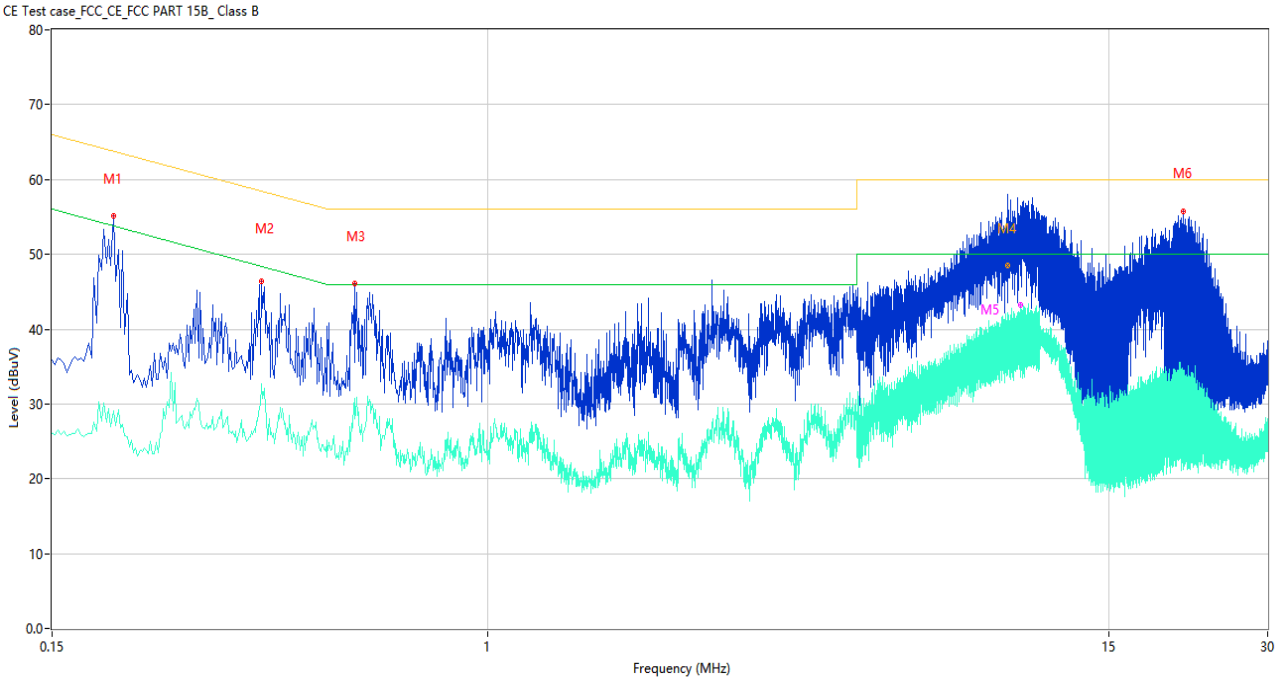
Note: Only the worst test results were recorded in this report.

L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.204	59.63	10.03	63.45	3.82	Peak	L	Pass
1**	0.204	32.12	10.03	53.45	21.33	AV	L	Pass
2	0.340	51.90	9.96	59.20	7.30	Peak	L	Pass
2**	0.340	31.11	9.96	49.20	18.09	AV	L	Pass
3	0.388	50.62	10.46	58.11	7.49	Peak	L	Pass
3**	0.388	30.07	10.46	48.11	18.04	AV	L	Pass
4	0.820	46.19	10.15	56.00	9.81	Peak	L	Pass
4**	0.820	28.72	10.15	46.00	17.28	AV	L	Pass
5	11.082	55.52	12.62	60.00	4.48	Peak	L	Pass
5**	11.082	41.55	12.62	50.00	8.45	AV	L	Pass
6	21.226	50.78	15.35	60.00	9.22	Peak	L	Pass
6**	21.226	29.23	15.35	50.00	20.77	AV	L	Pass

N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.196	55.12	10.03	63.78	8.66	Peak	N	Pass
1**	0.196	29.13	10.03	53.78	24.65	AV	N	Pass
2	0.374	46.47	10.27	58.41	11.94	Peak	N	Pass
2**	0.374	32.70	10.27	48.41	15.71	AV	N	Pass
3	0.562	46.09	10.50	56.00	9.91	Peak	N	Pass
3**	0.562	30.66	10.50	46.00	15.34	AV	N	Pass
4	9.646	55.86	12.13	60.00	4.14	Peak	N	N/A
4*	9.646	48.51	12.13	60.00	11.49	QP	N	Pass
4**	9.646	42.25	12.13	50.00	7.75	AV	N	Pass
5	10.214	56.48	12.28	60.00	3.52	Peak	N	Pass
5**	10.214	43.21	12.28	50.00	6.79	AV	N	Pass
6	20.810	55.81	15.24	60.00	4.19	Peak	N	Pass
6**	20.810	22.29	15.24	50.00	27.71	AV	N	Pass

ANNEX B TEST SETUP PHOTOS

Please refer to the document “BL-SZ24C0923-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer to the document “BL-SZ24C0923-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer to the document “BL-SZ24C0923-AI.PDF”.

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--END OF REPORT--