RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

FOR

5G Mobile Phone

ISSUED TO
Nubia Technology Co., Ltd.

Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China

Tested by: Lu Jiamin
Lu Jiamin
Date Aug. 19, 2021

Approved by:
Wei Yanquan
(Chief Engineer)
Date Aug. 19, 2021

Report No.:	BL-SZ2170148-501
EUT Name:	5G Mobile Phone
Model Name:	NX669J-S
Brand Name:	REDMAGIC
Test Standard:	47 CFR Part 2 (refer to section 3.1)
FCC ID:	2AHJO-NX669J-S
Test Conclusion:	Pass
Test Date:	Jul. 12, 2021 ~ Aug. 18, 2021
Date of Issue:	Aug. 19, 2021

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Revision History

Version	Issue Date	Revisions Content
Rev. 01	Aug. 19, 2021	Initial Issue

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

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

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China.
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Laboratory Condition

Ambient Temperature	20 °C to 35 °C
Ambient Relative Humidity	30 % to 60 %
Ambient Pressure	98 kPa to 102 kPa

1.4 Announce

(1) The test report reference to the report template version v6.2.

(2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.

(3) The test report is invalid if there is any evidence and/or falsification.

(4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.

(5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.

(6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.

(7) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant. The applicant is responsible for the impact of the information provided on the validity of the results.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Nubia Technology Co., Ltd.
Address	Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China

2.2 Manufacturer Information

Manufacturer	Nubia Technology Co., Ltd.
Address	Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	5G Mobile Phone
Model Name Under Test	NX669J-S
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	NX669S_V1AMB
Software Version	NX669S_UNCommon_v4.01
Dimensions (Approx.)	169.86*77.19*9.7mm
Weight (Approx.)	215g(with battery)

2.5 Technical Information

Note: The information provided by the applicant, except for The Max RF Output Power (EIRP/ERP).

All Network and Wireless connectivity for EUT	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network CDMA 1x Band Class 0/ 1 EVDO Rel. 0/Rev. A Band Class 0/ 1 WCDMA/HSDPA/HSUPA Band 2/ 4/ 5 4G Network FDD LTE Band 2/4/5/7/12/17/26/66 TDD LTE Band 38/41 5G Network SA: n41 NSA(EN-DC): DC_2A_n41A, DC_66A_n41A Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20), 802.11ax(HE20) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80), 802.11ax(HE20/40/80), U-NII-1/2A/2C/3, NFC
About the Product	The equipment is 5G Mobile Phone, intended for used with information technology equipment.
Note 1: The EUT is a 5G Mobile Phone, supporting dual SIM card slots under the same transceiver. Both SIM card slots support GSM, WCDMA, LTE and NR. And both SIM card slots share the same transceiver, so only SIM1 is tested in this report.	

The requirement for the following technical information of the EUT was tested in this report:

Operating Bands	GSM/GPRS/EGPRS 850/ 1900 MHz CDMA 1x Band Class 0/ 1 EVDO Rel. 0/Rev. A Band Class 0/ 1 WCDMA/HSDPA/HSUPA Band 2/ 4/ 5 FDD LTE Band 2/4/5/7/12/17/26/66 LTE TDD Band 38/41 SA: n41 NSA(EN-DC): DC_2A_n41A, DC_66A_n41A	
Modulation Type	GSM/GPRS	GMSK
	EGPRS	8PSK
	CDMA 1x	O-QPSK, H-PSK, QPSK
	EVDO	QPSK, 8PSK, 16-QAM
	WCDMA	QPSK
	HSDPA /HSUPA	QPSK
		16QAM
	LTE	QPSK
		16QAM
	NR	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM
		DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM
TX Frequency Range	GSM/GPRS/EGPRS 850: 824 MHz ~ 849 MHz GSM/GPRS/EGPRS 1900: 1850 MHz ~ 1910 MHz	

	CDMA/EVDO BC 0: 824.025 MHz ~ 848.985 MHz CDMA/EVDO BC 1: 1850 MHz ~ 1910 MHz WCDMA/HSDPA/HSUPA Band 2: 1850 MHz ~ 1910 MHz WCDMA/HSDPA/HSUPA Band 4: 1710 MHz ~ 1755 MHz WCDMA/HSDPA/HSUPA Band 5: 824 MHz ~ 849 MHz FDD LTE Band 2: 1850 MHz ~ 1910 MHz FDD LTE Band 4: 1710 MHz ~ 1755 MHz FDD LTE Band 5: 824 MHz ~ 849 MHz FDD LTE Band 7: 2500 MHz ~ 2570 MHz FDD LTE Band 12: 699 MHz ~ 716 MHz FDD LTE Band 17: 704 MHz ~ 716 MHz FDD LTE Band 26: 814 MHz ~ 849 MHz FDD LTE Band 66: 1710 MHz ~ 1780 MHz TDD LTE Band 38: 2570 MHz ~ 2620 MHz TDD LTE Band 41: 2545 MHz ~ 2655 MHz TDD NR Band n41: 2496 MHz ~ 2690MHz
Rx Frequency Range	GSM/GPRS/EGPRS 850: 869 MHz ~ 894 MHz GSM/GPRS/EGPRS 1900: 1930 MHz ~ 1990 MHz CDMA/EVDO BC 0: 869.025 MHz ~ 893.985 MHz CDMA/EVDO BC 1: 1930 MHz ~ 1990 MHz WCDMA/HSDPA/HSUPA Band 2: 1930 MHz ~ 1990 MHz WCDMA/HSDPA/HSUPA Band 4: 2110 MHz ~ 2155 MHz WCDMA/HSDPA/HSUPA Band 5: 869 MHz ~ 894 MHz FDD LTE Band 2: 1930 MHz ~ 1990 MHz FDD LTE Band 4: 2110 MHz ~ 2155 MHz FDD LTE Band 5: 869 MHz ~ 894 MHz FDD LTE Band 7: 2620 MHz ~ 2690 MHz FDD LTE Band 12: 729 MHz ~ 746 MHz FDD LTE Band 17: 734 MHz ~ 746 MHz FDD LTE Band 26: 859 MHz ~ 894 MHz FDD LTE Band 66: 2110 MHz ~ 2180 MHz TDD LTE Band 38: 2570 MHz ~ 2620 MHz TDD LTE Band 41: 2545 MHz ~ 2655 MHz TDD NR Band n41: 2496 MHz ~ 2690MHz
SCS and Channel Bandwidths	n41_SCS 30kHz: 20 MHz, 40 MHz, 60 MHz, 80 MHz, 100 MHz
Power Class	GSM/GPRS 850: 4 GSM/GPRS 1900: 1 EGPRS 850/1900: E2 CDMA/EVDO BC 0: 3 CDMA/EVDO BC 1: 3 WCDMA/HSDPA/HSUPA Band 2: 3 WCDMA/HSDPA/HSUPA Band 4: 3 WCDMA/HSDPA/HSUPA Band 5: 3 FDD LTE Band 2: 3 FDD LTE Band 4: 3 FDD LTE Band 5: 3

	FDD LTE Band 7: 3 FDD LTE Band 12: 3 FDD LTE Band 17: 3 FDD LTE Band 26: 3 FDD LTE Band 66: 3 TDD LTE Band 38: 3 TDD LTE Band 41: 3 TDD NR Band n41: 3
Multislot Class	GPRS/EGPRS: 33
Antenna Type	PIFA Antenna
Antenna Gain	GSM/GPRS/EGPRS 850: -1.0dBi GSM/GPRS/EGPRS 1900: -0.5dBi CDMA/EVDO BC 0: -1.0 dBi CDMA/EVDO BC 1: -0.3 dBi WCDMA/HSDPA/HSUPA Band 2: -0.5dBi WCDMA/HSDPA/HSUPA Band 4: -0.3dBi WCDMA/HSDPA/HSUPA Band 5: -1.0dBi FDD LTE Band 2: -0.3dBi FDD LTE Band 4: -0.5dBi FDD LTE Band 5: -1.0dBi FDD LTE Band 7: 0.2dBi FDD LTE Band 12: -1.2dBi FDD LTE Band 17: -1.2dBi FDD LTE Band 26: -1.0dBi FDD LTE Band 66: -0.5dBi TDD LTE Band 38: 0.0dBi TDD LTE Band 41: 0.0dBi TDD NR Band n41: 0.0dBi FDD NR DC_2A_n41A: 0.0dBi FDD NR DC_66A_n41A: 0.0dBi
The Max RF Output Power (EIRP/ERP)	GSM/GPRS/EGPRS 850: 30.67 dBm GSM/GPRS/EGPRS 1900: 30.35 dBm CDMA/EVDO BC 1: 24.13dBm CDMA/EVDO BC 0: 23.47dBm WCDMA/HSDPA/HSUPA Band 2: 22.40 dBm WCDMA/HSDPA/HSUPA Band 4:22.93 dBm WCDMA/HSDPA/HSUPA Band 5: 20.36 dBm FDD LTE Band 2: 22.23 dBm FDD LTE Band 4: 22.37 dBm FDD LTE Band 5: 20.09 dBm FDD LTE Band 7: 23.6 dBm FDD LTE Band 12: 19.95 dBm FDD LTE Band 17: 19.17 dBm FDD LTE Band 26 (part22): 20.04 dBm FDD LTE Band 26 (part90): 20.19 dBm FDD LTE Band 66: 22.36 dBm TDD LTE Band 38: 23.12 dBm

	TDD LTE Band 41: 23.27 dBm TDD NR Band n41: 23.17 dBm FDD NR DC_2A_n41A: 23.25 dBm FDD NR DC_66A_n41A: 23.4 dBm

Note 1: The EUT information are declared by manufacturer. For more detailed features description, please refer to the manufacturer's specifications or user's manual.

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 22 Subpart H	Cellular Radiotelephone Service
3	47 CFR Part 24 Subpart E	Broadband PCS
4	47 CFR Part 27	Miscellaneous Wireless Communications Services
5	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	ANSI/TIA-603-E-2016	Land Mobile FM or PM Communications Equipment Measurement and Performance Standards
7	KDB 971168 D01 v03	Measurement Guidance for Certification of Licensed Digital Transmitters

3.2 Test Verdict

No.	Test Description	FCC Part No.	Test Result	Test Verdict
1	Conducted RF Output Power	2.1046	Reporting only (ANNEX A.1)	Pass
2	Effective (Isotropic) Radiated Power	2.1046 22.913 24.232 27.50 90.635(b) 90.542(a)	ANNEX A.1	Pass
3	Peak to Average Radio	2.1046 24.232(d) 27.50(d)	ANNEX A.2	Pass
4	Occupied Bandwidth	2.1049 22.917 24.238 27.53 90.209	ANNEX A.3	Pass
5	Frequency Stability	2.1055 22.355 24.235 27.54 90.213	ANNEX A.4	Pass
6	Spurious Emission at Antenna Terminals	2.1051 22.917 24.238 27.53 90.691 90.543	ANNEX A.5	Pass
7	Band Edge	2.1051 22.917 24.238 27.53 90.691 90.543	ANNEX A.6	Pass
8	Field Strength of Spurious Radiation	2.1053 22.917 24.238 27.53 90.691 90.543	ANNEX A.7	Pass

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Test Voltage of the EUT	NV (Normal Voltage)	3.87 V
	LV (Low Voltage)	3.45 V
	HV (High Voltage)	4.45 V
Test Temperature of the EUT	NT (Normal Temperature)	+25 °C
	LT (Low Temperature)	-30 °C
	HT (High Temperature)	+50 °C

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Software /Firmware Version	Cal. Date	Cal. Due
Conducted Test System						
Test Software 1	R&S	CMUgo	N/A	V2.0.1	N/A	N/A
Test Software 2	R&S	CMWRun	N/A	V1.9.8	N/A	N/A
Test Software 3	BALUN	BL410R	N/A	V2.1.1.488	N/A	N/A
Universal Radio Communication Tester	R&S	CMU 200	119280	V5.13	2021.01.14	2022.01.13
Wideband Radio Communication Tester	R&S	CMW 500	127794	V3.5.137	2021.06.01	2022.05.31
Wideband Radio Communication Tester	R&S	CMW 500	120598	V3.5.137	2021.01.14	2022.01.13
Spectrum Analyzer	R&S	FSV-40	101544	2.30.SP4	2021.06.01	2022.05.31
Spectrum Analyzer	Agilent	E4440A	MY45304434	A.11.21	2020.09.25	2021.09.24
Spectrum Analyzer	Agilent	E4440A	MY46181663	A.11.21	2020.10.21	2021.10.20
Temperature Chamber	AHK	SP20	1412	N/A	2021.06.04	2022.06.03
DC Power Supply	ITECH	IT6863A	800014020757120008	N/A	2020.09.25	2021.09.24
Power Sensor	Agilent	E9304A H18	MY41497164	N/A	2020.09.25	2021.09.24
Power Splitter	KMW	DCPD-LDC	1305003215	N/A	N/A	N/A
Attenuator (20 dB)	KMW	ZA-S1-201	110617091	N/A	N/A	N/A

Description	Manufacturer	Model	Serial No.	Software /Firmware Version	Cal. Date	Cal. Due
Attenuator (6 dB)	KMW	ZA-S1-61	1305003189	N/A	N/A	N/A
5G Wireless Test Platform	Keysight	E7515B UXM	MY59321617	N/A	2020.10.20	2021.10.19
5G Wireless Test Platform	Starpoint	SP9500-C TS	19220	N/A	2020.10.20	2021.10.19
Wideband Radio Communication Tester	R&S	CMW 500	168792	V3.5.137	2021.04.01	2022.03.31
Radiated Test System						
Test Software	BALUN	BL410_E	N/A	V16.921	N/A	N/A
Test Antenna-Bi-Log(30 MHz-3 GHz)	Schwarzbeck	VULB 9163	9163-624	N/A	2019.07.02	2022.07.01
Test Antenna-Horn(1-18 GHz)	Schwarzbeck	BBHA 9120D	9120D-1148	N/A	2019.07.02	2022.07.01
Test Antenna-Horn(18-40 GHz)	A-INFO	LB-180400 KF	J211060273	N/A	2021.01.04	2023.01.03
Anechoic Chamber	YIHENG	9m*6m*6m	#3	N/A	2018.07.18	2022.07.17
Shielded Enclosure	ChangNing	CN-130701	130703	N/A	N/A	N/A
EMI Receiver	KEYSIGHT	N9038A	MY53220118	A.14.16	2019.10.29	2021.09.17
Wideband Radio Communication Tester	R&S	CMW 500	127794	V3.2.73	2021.06.01	2022.05.31
5G Wireless Test Platform	Keysight	E7515B UXM	MY59321617	N/A	2020.10.20	2021.10.19
5G Wireless Test Platform	Starpoint	SP9500-C TS	19220	N/A	2020.10.20	2021.10.19

4.3 Test Configurations

Test Items	Test Mode	Test Channel		
		LCH	MCH	HCH
Effective (Isotropic) Radiated Power	GSM 850	v	v	v
	GSM 1900	v	v	v
	GPRS 850	v	v	v
	GPRS 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	CDMA BC 1	v	v	v
	EVDO BC 1	v	v	v
	CDMA BC 0	v	v	v
	EVDO BC 0	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
Peak to Average Ratio	CDMA BC 1	v	v	v
	EVDO BC 1	v	v	v
	CDMA BC 0	v	v	v
	EVDO BC 0	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Occupied Bandwidth	GSM 850	v	v	v
	GSM 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	CDMA BC 1	v	v	v
	EVDO BC 1	v	v	v
	CDMA BC 0	v	v	v
	EVDO BC 0	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
	EGPRS 850	v	v	v

Test Items	Test Mode	Test Channel		
		LCH	MCH	HCH
	EGPRS 1900	v	v	v
	CDMA BC 1	v	v	v
	EVDO BC 1	v	v	v
	CDMA BC 0	v	v	v
	EVDO BC 0	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
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	CDMA BC 1	v	v	v
	EVDO BC 1	v	v	v
	CDMA BC 0	v	v	v
	EVDO BC 0	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
	EGPRS 850	v	--	v
	EGPRS 1900	v	--	v
	CDMA BC 1	v	--	v
	EVDO BC 1	v	--	v
	CDMA BC 0	v	--	v
	EVDO BC 0	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
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	CDMA BC 1	v	v	v
	EVDO BC 1	v	v	v
	CDMA BC 0	v	v	v
	EVDO BC 0	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Note 1: The mark “v” means that this configuration is chosen for testing.				

Test Mode	UL Channel	UL Channel No.	UL Frequency (MHz)
GSM/GPRS/EGPRS 850	Low Channel	128	824.2
	Middle Channel	190	836.6
	High Channel	251	848.8
GSM/GPRS/EGPRS 1900	Low Channel	512	1850.2
	Middle Channel	661	1880.0
	High Channel	810	1909.8
CDMA/EVDO BC 1	Low Channel	25	1851.25
	Middle Channel	600	1880.00
	High Channel	1175	1908.75
CDMA/EVDO BC 0	Low Channel	1013	824.70
	Middle Channel	384	836.52
	High Channel	777	848.31
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
17	n	n	v	v	n	n	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
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
17	n	n	--	v	n	n	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
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
17	n	n	v	v	n	n	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
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	--
17	n	n	--	v	n	n	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
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	--
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
17	n	n	v	v	n	n	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
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
17	n	n	v	v	n	n	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
Field Strength of Spurious Radiation														
2	v	v	v	v	v	v	v	--	v	--	--	--	v	--
4	v	v	v	v	v	v	v	--	v	--	--	--	v	--
5	v	v	v	v	n	n	v	--	v	--	--	--	v	--
7	n	n	v	v	v	v	v	--	v	--	--	--	v	--
12	v	v	v	v	n	n	v	--	v	--	--	--	v	--
17	n	n	v	v	n	n	v	--	v	--	--	--	v	--
26(Part22)	v	v	v	v	v	n	v	--	v	--	--	--	v	--
26(Part90)	v	v	v	v	--	n	v	--	v	--	--	--	v	--
38	n	n	v	v	v	v	v	--	v	--	--	--	v	--
41	n	n	v	v	v	v	v	--	v	--	--	--	v	--
66	v	v	v	v	v	v	v	--	v	--	--	--	v	--

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 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
	High Range	5	21425	2567.5
		10	21400	2565

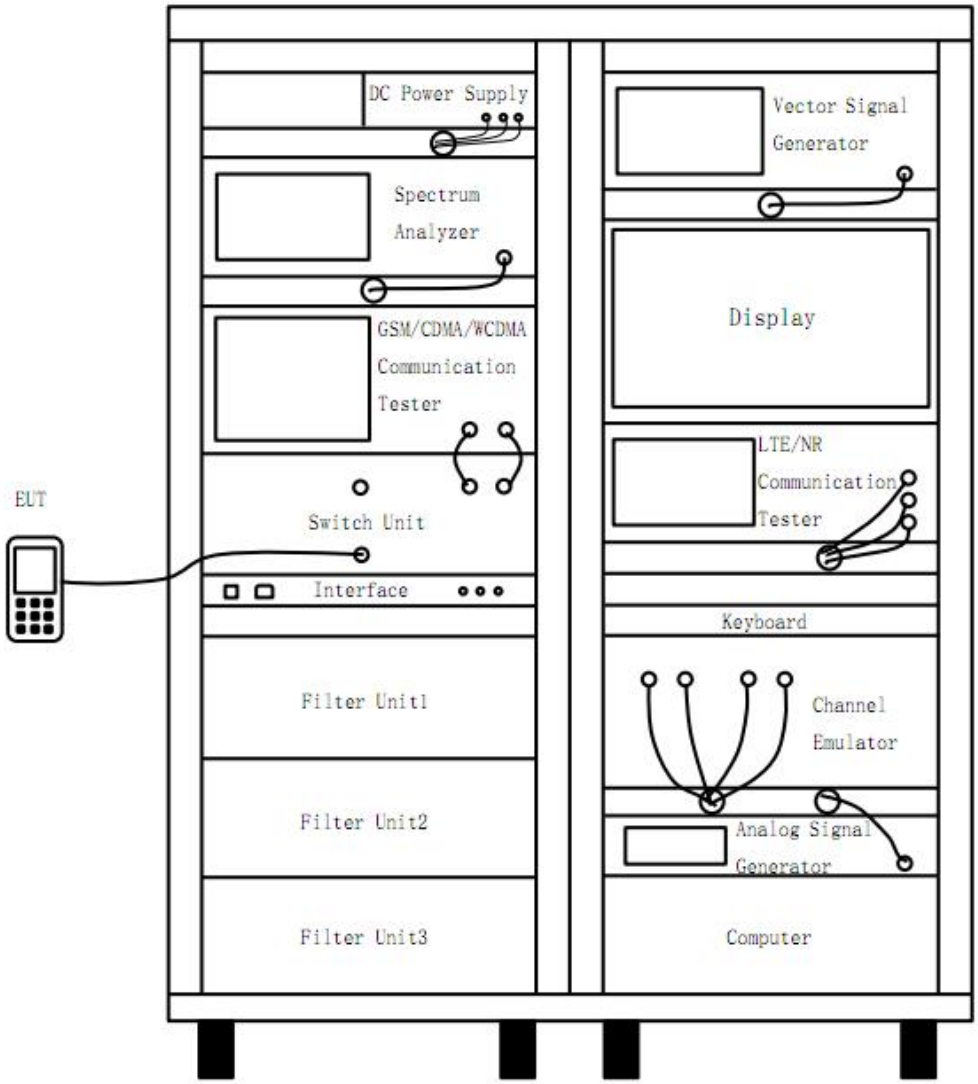
Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
		15	21375	2562.5
		20	21350	2560
LTE Band 12	Low Range	1.4	23017	699.7
		3	23025	700.5
		5	23035	701.5
		10	23060	704
	Middle Range	1.4/3/5/10	23095	707.5
	High Range	1.4	23173	715.3
		3	23165	714.5
		5	23155	713.5
		10	23130	711
LTE Band 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 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

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
		15	38175	2612.5
		20	38150	2610
LTE Band 41	Low Range	5	40165	2547.5
		10	40190	2550
		15	40215	2552.5
		20	40240	2555
	Middle Range	5/10/15/20	40690	2600
	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

Test Mode	Channel Bandwidth (MHz)	UL Channel	UL Channel No.	UL Frequency (MHz)
NR Band n41	20	Low Range	501204	2506.02
		Middle Range	518598	2592.99
		High Range	535998	2679.99
	60	Low Range	505200	2526
		Middle Range	518598	2592.99
		High Range	531996	2659.98
	100	Low Range	509202	2546.01
		Middle Range	518598	2592.99
		High Range	528000	2640

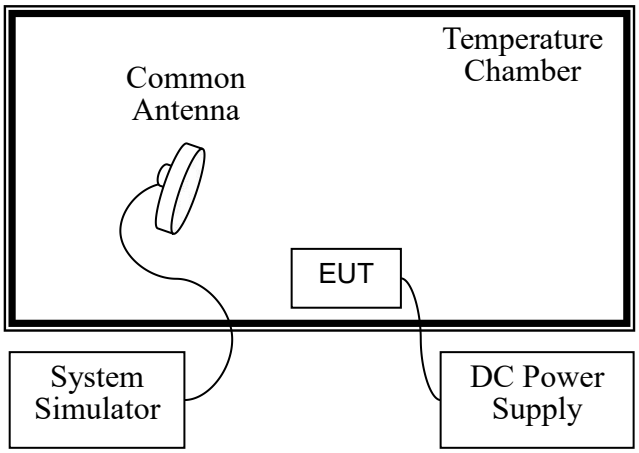
4.4 Test Setup

4.4.1 For Antenna Port Test



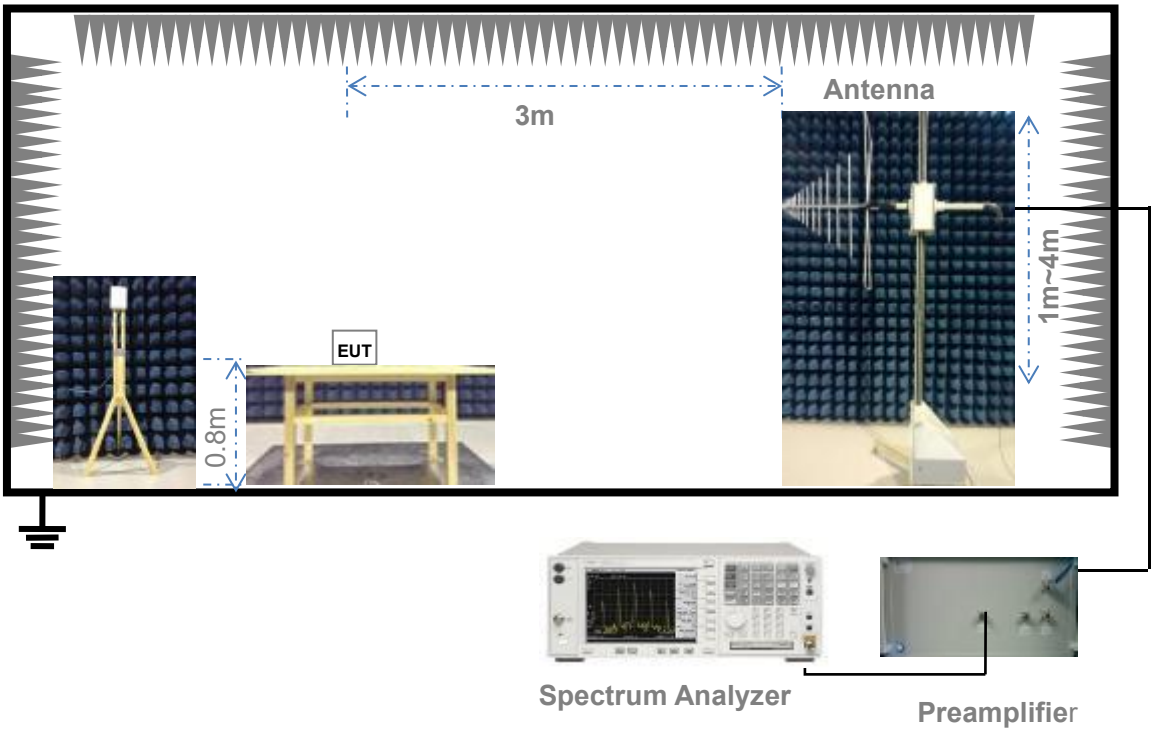
(Diagram 1)

4.4.2 For Frequency Stability Test



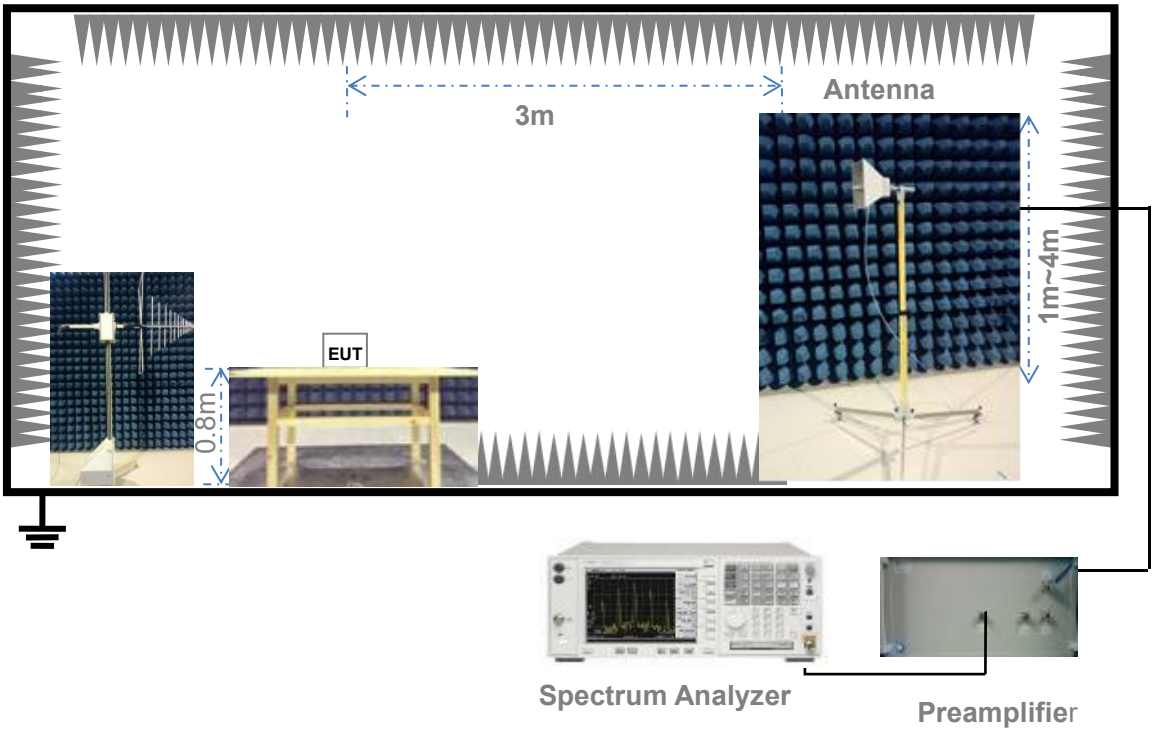
(Diagram 2)

4.4.3 For Radiated Test (30 MHz ~ 1 GHz)



(Diagram 3)

4.4.4 For Radiated Test (Above 1 GHz)



(Diagram 4)

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) & 90.635(b) & 90.542(a)

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.

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.

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

According to FCC section 90.542(a) (7), portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP.

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)

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), in measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

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

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

FCC § 2.1055

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.

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(m) & 90.691 & 90.543

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)

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)

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(m) (4)

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 § 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.

FCC § 90.543

(e) For operations in the 758–768 MHz and the 788–798 MHz bands, 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 all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775–788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.

(4) Compliance with the provisions of paragraphs (e)(1) and (2) 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.

(f) For operations in the 758–775 MHz and 788–805 MHz bands, all emissions including harmonics 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.

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(g) & 27.53(h) & 27.53(m) & 90.691& 90.543

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)

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(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)

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(m) (4)

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 § 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.

FCC § 90.543

(e) For operations in the 758–768 MHz and the 788–798 MHz bands, 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 all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775–788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.

(4) Compliance with the provisions of paragraphs (e)(1) and (2) 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.

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 § 2.1053 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(f) & 27.53(g) & 27.53(h) & 27.53(m) & 90.691& 90.543

FCC § 22.917(a) & 24.238(a)

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)

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(m) (4)

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 § 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 $116 \text{ Log}_{10}(f/6.1)$ decibels or $50 + 10 \text{ Log}_{10}(P)$ 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.

FCC § 90.543

(e) For operations in the 758–768 MHz and the 788–798 MHz bands, 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 all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775–788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.

(4) Compliance with the provisions of paragraphs (e)(1) and (2) 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.

(f) For operations in the 758–775 MHz and 788–805 MHz bands, all emissions including harmonics 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.

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.

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	33.50	-1	-3.15	30.35	1.084	7.00	Pass
	MCH	33.82	-1	-3.15	30.67	1.167	7.00	Pass
	HCH	33.75	-1	-3.15	30.60	1.148	7.00	Pass
GPRS 850	LCH	33.40	-1	-3.15	30.25	1.059	7.00	Pass
	MCH	33.53	-1	-3.15	30.38	1.091	7.00	Pass
	HCH	33.54	-1	-3.15	30.39	1.094	7.00	Pass
EGPRS 850	LCH	29.55	-1	-3.15	26.40	0.437	7.00	Pass
	MCH	29.81	-1	-3.15	26.66	0.463	7.00	Pass
	HCH	29.66	-1	-3.15	26.51	0.448	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	30.85	-0.5	30.35	1.084	2.00	Pass
	MCH	30.77	-0.5	30.27	1.064	2.00	Pass
	HCH	30.77	-0.5	30.27	1.064	2.00	Pass
GPRS 1900	LCH	30.77	-0.5	30.27	1.064	2.00	Pass
	MCH	30.71	-0.5	30.21	1.050	2.00	Pass
	HCH	30.68	-0.5	30.18	1.042	2.00	Pass
EGPRS 1900	LCH	27.56	-0.5	27.06	0.508	2.00	Pass
	MCH	27.36	-0.5	26.86	0.485	2.00	Pass
	HCH	27.34	-0.5	26.84	0.483	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	33.40	2.188	31.31	1.352	28.97	0.788	26.98	0.498
	MCH	33.53	2.254	31.38	1.373	29.26	0.844	26.94	0.495
	HCH	33.54	2.259	31.38	1.373	29.24	0.839	27.10	0.513
GPRS 1900	LCH	30.77	1.194	28.81	0.761	26.57	0.454	24.50	0.282
	MCH	30.71	1.178	28.86	0.769	28.31	0.677	24.69	0.294
	HCH	30.68	1.169	28.81	0.761	26.53	0.449	24.52	0.283

EGPRS Conducted Output Power

Band	Channel	Conducted Output Peak Power							
		1 Slot (dBm)	1 Slot (W)	2 Slots (dBm)	2 Slots (W)	3 Slots (dBm)	3 Slots (W)	4 Slots (dBm)	4 Slots (W)
EGPRS 850	LCH	29.55	0.902	28.44	0.698	26.20	0.417	24.11	0.257
	MCH	29.81	0.957	28.67	0.736	26.33	0.430	24.19	0.262
	HCH	29.66	0.925	28.46	0.701	26.32	0.429	24.21	0.264
EGPRS 1900	LCH	27.56	0.570	27.02	0.503	25.64	0.366	23.38	0.218
	MCH	27.36	0.545	26.82	0.481	25.63	0.366	23.35	0.216
	HCH	27.34	0.542	26.99	0.500	25.47	0.352	23.35	0.216

CDMA & EVDO Mode Test Data

Test Band	Test Channel	Conducted Output Peak Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
CDMA BC1 F1R1	LCH	22.40	-0.3	22.10	0.162	2.000	Pass
	MCH	23.91	-0.3	23.61	0.230	2.000	Pass
	HCH	23.97	-0.3	23.67	0.233	2.000	Pass
CDMA BC1 F3R3	LCH	23.84	-0.3	23.54	0.226	2.000	Pass
	MCH	23.94	-0.3	23.64	0.231	2.000	Pass
	HCH	23.99	-0.3	23.69	0.234	2.000	Pass
EVDO BC1 Rel. 0	LCH	24.06	-0.3	23.76	0.238	2.000	Pass
	MCH	24.13	-0.3	23.83	0.242	2.000	Pass
	HCH	24.11	-0.3	23.81	0.240	2.000	Pass
EVDO BC1 Rel. A	LCH	23.93	-0.3	23.63	0.231	2.000	Pass
	MCH	24.06	-0.3	23.76	0.238	2.000	Pass
	HCH	24.03	-0.3	23.73	0.236	2.000	Pass

Test Band	Test Channel	Conducted Output Peak Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
CDMA BC0 F1R1	LCH	23.41	-1	-3.15	20.26	0.106	7.000	Pass
	MCH	23.37	-1	-3.15	20.22	0.105	7.000	Pass
	HCH	23.35	-1	-3.15	20.20	0.105	7.000	Pass
CDMA BC0 F3R3	LCH	23.47	-1	-3.15	20.32	0.108	7.000	Pass
	MCH	23.39	-1	-3.15	20.24	0.106	7.000	Pass
	HCH	23.41	-1	-3.15	20.26	0.106	7.000	Pass
EVDO BC0 Rel. 0	LCH	23.44	-1	-3.15	20.29	0.107	7.000	Pass
	MCH	23.41	-1	-3.15	20.26	0.106	7.000	Pass
	HCH	23.36	-1	-3.15	20.21	0.105	7.000	Pass
EVDO BC0 Rel. A	LCH	23.39	-1	-3.15	20.24	0.106	7.000	Pass
	MCH	23.43	-1	-3.15	20.28	0.107	7.000	Pass
	HCH	23.41	-1	-3.15	20.26	0.106	7.000	Pass

Note 1: 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.

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	22.88	-0.5	22.38	0.173	2.000	Pass
	MCH	22.89	-0.5	22.39	0.173	2.000	Pass
	HCH	22.90	-0.5	22.40	0.174	2.000	Pass
HSDPA Band 2	LCH	21.89	-0.5	21.39	0.138	2.000	Pass
	MCH	21.91	-0.5	21.41	0.138	2.000	Pass
	HCH	21.93	-0.5	21.43	0.139	2.000	Pass
HSUPA Band 2	LCH	21.88	-0.5	21.38	0.137	2.000	Pass
	MCH	21.92	-0.5	21.42	0.139	2.000	Pass
	HCH	21.93	-0.5	21.43	0.139	2.000	Pass

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
WCDMA Band 4	LCH	23.03	-0.3	22.73	0.187	1.000	Pass
	MCH	23.16	-0.3	22.86	0.193	1.000	Pass
	HCH	23.23	-0.3	22.93	0.196	1.000	Pass
HSDPA Band 4	LCH	22.02	-0.3	21.72	0.149	1.000	Pass
	MCH	22.15	-0.3	21.85	0.153	1.000	Pass
	HCH	22.21	-0.3	21.91	0.155	1.000	Pass
HSUPA Band 4	LCH	22.05	-0.3	21.75	0.150	1.000	Pass
	MCH	22.21	-0.3	21.91	0.155	1.000	Pass
	HCH	22.23	-0.3	21.93	0.156	1.000	Pass

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
WCDMA Band 5	LCH	23.50	-1	-3.15	20.35	0.108	7.000	Pass
	MCH	23.51	-1	-3.15	20.36	0.109	7.000	Pass
	HCH	23.51	-1	-3.15	20.36	0.109	7.000	Pass
HSDPA Band 5	LCH	22.51	-1	-3.15	19.36	0.086	7.000	Pass
	MCH	22.50	-1	-3.15	19.35	0.086	7.000	Pass
	HCH	22.48	-1	-3.15	19.33	0.086	7.000	Pass
HSUPA Band 5	LCH	22.53	-1	-3.15	19.38	0.087	7.000	Pass
	MCH	22.55	-1	-3.15	19.40	0.087	7.000	Pass
	HCH	22.57	-1	-3.15	19.42	0.087	7.000	Pass

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

Note 2: ERP/EIRP = P_{Meas} + GT − LC

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

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

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

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

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

HSDPA Conducted Output Power

Band	Channel	Conducted Output Average Power							
		Subtest1		Subtest2		Subtest3		Subtest4	
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)
HSDPA Band 2	LCH	21.84	0.153	21.89	0.155	21.38	0.137	21.32	0.136
	MCH	21.89	0.155	21.91	0.155	21.38	0.137	21.40	0.138
	HCH	21.90	0.155	21.93	0.156	21.36	0.137	21.34	0.136
HSDPA Band 4	LCH	22.00	0.158	22.02	0.159	21.48	0.141	21.49	0.141
	MCH	22.15	0.164	22.15	0.164	21.65	0.146	21.67	0.147
	HCH	22.21	0.166	22.19	0.166	21.69	0.148	21.72	0.149
HSDPA Band 5	LCH	22.51	0.178	22.50	0.178	21.98	0.158	21.99	0.158
	MCH	22.49	0.177	22.50	0.178	22.00	0.158	21.98	0.158
	HCH	22.48	0.177	22.48	0.177	21.99	0.158	21.97	0.157

HSUPA Conducted Output Power

Band	Channel	Conducted Output Average Power									
		Subtest1		Subtest2		Subtest3		Subtest4		Subtest5	
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)
HSUPA Band 2	LCH	21.82	0.152	19.87	0.097	20.85	0.122	19.86	0.097	21.88	0.154
	MCH	21.91	0.155	19.93	0.098	20.81	0.121	19.94	0.099	21.92	0.156
	HCH	21.85	0.153	19.83	0.096	20.85	0.122	19.88	0.097	21.93	0.156
HSUPA Band 4	LCH	21.97	0.157	19.97	0.099	21.04	0.127	20.05	0.101	22.05	0.160
	MCH	22.21	0.166	20.23	0.105	21.17	0.131	20.11	0.103	22.14	0.164
	HCH	22.18	0.165	20.18	0.104	21.22	0.132	20.15	0.104	22.23	0.167
HSUPA Band 5	LCH	22.53	0.179	20.56	0.114	21.51	0.142	20.47	0.111	22.43	0.175
	MCH	22.55	0.180	20.47	0.111	21.52	0.142	20.53	0.113	22.49	0.177
	HCH	22.57	0.181	20.52	0.113	21.49	0.141	20.51	0.112	22.55	0.180

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	22.28	-0.3	21.98	0.158	2.00	Pass
			RB1#3	22.43	-0.3	22.13	0.163	2.00	Pass
			RB1#5	22.36	-0.3	22.06	0.161	2.00	Pass
			RB3#0	22.37	-0.3	22.07	0.161	2.00	Pass
			RB3#2	22.37	-0.3	22.07	0.161	2.00	Pass
			RB3#3	22.37	-0.3	22.07	0.161	2.00	Pass
			RB6#0	21.47	-0.3	21.17	0.131	2.00	Pass
		16-QAM	RB1#0	21.53	-0.3	21.23	0.133	2.00	Pass
			RB1#3	21.56	-0.3	21.26	0.134	2.00	Pass
			RB1#5	21.58	-0.3	21.28	0.134	2.00	Pass
			RB3#0	21.43	-0.3	21.13	0.130	2.00	Pass
			RB3#2	21.56	-0.3	21.26	0.134	2.00	Pass
			RB3#3	21.47	-0.3	21.17	0.131	2.00	Pass
			RB6#0	20.64	-0.3	20.34	0.108	2.00	Pass
	MCH	QPSK	RB1#0	22.25	-0.3	21.95	0.157	2.00	Pass
			RB1#3	22.37	-0.3	22.07	0.161	2.00	Pass
			RB1#5	22.39	-0.3	22.09	0.162	2.00	Pass
			RB3#0	22.35	-0.3	22.05	0.160	2.00	Pass
			RB3#2	22.38	-0.3	22.08	0.161	2.00	Pass
			RB3#3	22.36	-0.3	22.06	0.161	2.00	Pass
			RB6#0	21.44	-0.3	21.14	0.130	2.00	Pass
		16-QAM	RB1#0	21.9	-0.3	21.60	0.145	2.00	Pass
			RB1#3	21.77	-0.3	21.47	0.140	2.00	Pass
			RB1#5	21.81	-0.3	21.51	0.142	2.00	Pass
			RB3#0	21.61	-0.3	21.31	0.135	2.00	Pass
			RB3#2	21.59	-0.3	21.29	0.135	2.00	Pass
			RB3#3	21.6	-0.3	21.30	0.135	2.00	Pass
			RB6#0	20.37	-0.3	20.07	0.102	2.00	Pass
	HCH	QPSK	RB1#0	22.25	-0.3	21.95	0.157	2.00	Pass
			RB1#3	22.4	-0.3	22.10	0.162	2.00	Pass
			RB1#5	22.27	-0.3	21.97	0.157	2.00	Pass
			RB3#0	22.34	-0.3	22.04	0.160	2.00	Pass
			RB3#2	22.39	-0.3	22.09	0.162	2.00	Pass
			RB3#3	22.32	-0.3	22.02	0.159	2.00	Pass
			RB6#0	21.39	-0.3	21.09	0.129	2.00	Pass
		16-QAM	RB1#0	21.31	-0.3	21.01	0.126	2.00	Pass
			RB1#3	21.46	-0.3	21.16	0.131	2.00	Pass
			RB1#5	21.43	-0.3	21.13	0.130	2.00	Pass
			RB3#0	21.57	-0.3	21.27	0.134	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									
			RB3#2	21.57	-0.3	21.27	0.134	2.00	Pass
			RB3#3	21.54	-0.3	21.24	0.133	2.00	Pass
			RB6#0	20.56	-0.3	20.26	0.106	2.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.43	-0.3	22.13	0.163	2.00	Pass
			RB1#7	22.46	-0.3	22.16	0.164	2.00	Pass
			RB1#14	22.45	-0.3	22.15	0.164	2.00	Pass
			RB8#0	21.51	-0.3	21.21	0.132	2.00	Pass
			RB8#4	21.62	-0.3	21.32	0.136	2.00	Pass
			RB8#7	21.55	-0.3	21.25	0.133	2.00	Pass
			RB15#0	21.52	-0.3	21.22	0.132	2.00	Pass
		16-QAM	RB1#0	21.33	-0.3	21.03	0.127	2.00	Pass
			RB1#7	21.45	-0.3	21.15	0.130	2.00	Pass
			RB1#14	21.38	-0.3	21.08	0.128	2.00	Pass
			RB8#0	20.62	-0.3	20.32	0.108	2.00	Pass
			RB8#4	20.7	-0.3	20.40	0.110	2.00	Pass
			RB8#7	20.69	-0.3	20.39	0.109	2.00	Pass
			RB15#0	20.59	-0.3	20.29	0.107	2.00	Pass
	MCH	QPSK	RB1#0	22.41	-0.3	22.11	0.163	2.00	Pass
			RB1#7	22.53	-0.3	22.23	0.167	2.00	Pass
			RB1#14	22.48	-0.3	22.18	0.165	2.00	Pass
			RB8#0	21.49	-0.3	21.19	0.132	2.00	Pass
			RB8#4	21.52	-0.3	21.22	0.132	2.00	Pass
			RB8#7	21.57	-0.3	21.27	0.134	2.00	Pass
			RB15#0	21.45	-0.3	21.15	0.130	2.00	Pass
		16-QAM	RB1#0	21.8	-0.3	21.50	0.141	2.00	Pass
			RB1#7	21.97	-0.3	21.67	0.147	2.00	Pass
			RB1#14	21.91	-0.3	21.61	0.145	2.00	Pass
			RB8#0	20.45	-0.3	20.15	0.104	2.00	Pass
			RB8#4	20.67	-0.3	20.37	0.109	2.00	Pass
			RB8#7	20.62	-0.3	20.32	0.108	2.00	Pass
			RB15#0	20.47	-0.3	20.17	0.104	2.00	Pass
	HCH	QPSK	RB1#0	22.34	-0.3	22.04	0.160	2.00	Pass
			RB1#7	22.5	-0.3	22.20	0.166	2.00	Pass
			RB1#14	22.37	-0.3	22.07	0.161	2.00	Pass
			RB8#0	21.43	-0.3	21.13	0.130	2.00	Pass
			RB8#4	21.51	-0.3	21.21	0.132	2.00	Pass
			RB8#7	21.49	-0.3	21.19	0.132	2.00	Pass
			RB15#0	21.52	-0.3	21.22	0.132	2.00	Pass
		16-QAM	RB1#0	21.43	-0.3	21.13	0.130	2.00	Pass
			RB1#7	21.6	-0.3	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#14	21.58	-0.3	21.28	0.134	2.00	Pass
			RB8#0	20.56	-0.3	20.26	0.106	2.00	Pass
			RB8#4	20.56	-0.3	20.26	0.106	2.00	Pass
			RB8#7	20.53	-0.3	20.23	0.105	2.00	Pass
			RB15#0	20.51	-0.3	20.21	0.105	2.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.43	-0.3	22.13	0.163	2.00	Pass
			RB1#13	22.53	-0.3	22.23	0.167	2.00	Pass
			RB1#24	22.47	-0.3	22.17	0.165	2.00	Pass
			RB12#0	21.53	-0.3	21.23	0.133	2.00	Pass
			RB12#6	21.61	-0.3	21.31	0.135	2.00	Pass
			RB12#13	21.57	-0.3	21.27	0.134	2.00	Pass
			RB25#0	21.55	-0.3	21.25	0.133	2.00	Pass
		16-QAM	RB1#0	21.66	-0.3	21.36	0.137	2.00	Pass
			RB1#13	21.72	-0.3	21.42	0.139	2.00	Pass
			RB1#24	21.71	-0.3	21.41	0.138	2.00	Pass
			RB12#0	20.62	-0.3	20.32	0.108	2.00	Pass
			RB12#6	20.71	-0.3	20.41	0.110	2.00	Pass
			RB12#13	20.69	-0.3	20.39	0.109	2.00	Pass
			RB25#0	20.61	-0.3	20.31	0.107	2.00	Pass
	MCH	QPSK	RB1#0	22.45	-0.3	22.15	0.164	2.00	Pass
			RB1#13	22.53	-0.3	22.23	0.167	2.00	Pass
			RB1#24	22.52	-0.3	22.22	0.167	2.00	Pass
			RB12#0	21.49	-0.3	21.19	0.132	2.00	Pass
			RB12#6	21.57	-0.3	21.27	0.134	2.00	Pass
			RB12#13	21.59	-0.3	21.29	0.135	2.00	Pass
			RB25#0	21.51	-0.3	21.21	0.132	2.00	Pass
		16-QAM	RB1#0	22.04	-0.3	21.74	0.149	2.00	Pass
			RB1#13	22.15	-0.3	21.85	0.153	2.00	Pass
			RB1#24	22.11	-0.3	21.81	0.152	2.00	Pass
			RB12#0	20.66	-0.3	20.36	0.109	2.00	Pass
			RB12#6	20.75	-0.3	20.45	0.111	2.00	Pass
			RB12#13	20.75	-0.3	20.45	0.111	2.00	Pass
			RB25#0	20.55	-0.3	20.25	0.106	2.00	Pass
	HCH	QPSK	RB1#0	22.4	-0.3	22.10	0.162	2.00	Pass
			RB1#13	22.47	-0.3	22.17	0.165	2.00	Pass
			RB1#24	22.51	-0.3	22.21	0.166	2.00	Pass
			RB12#0	21.48	-0.3	21.18	0.131	2.00	Pass
			RB12#6	21.56	-0.3	21.26	0.134	2.00	Pass
			RB12#13	21.52	-0.3	21.22	0.132	2.00	Pass
			RB25#0	21.51	-0.3	21.21	0.132	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									
		16-QAM	RB1#0	21.58	-0.3	21.28	0.134	2.00	Pass
			RB1#13	21.73	-0.3	21.43	0.139	2.00	Pass
			RB1#24	21.75	-0.3	21.45	0.140	2.00	Pass
			RB12#0	20.55	-0.3	20.25	0.106	2.00	Pass
			RB12#6	20.59	-0.3	20.29	0.107	2.00	Pass
			RB12#13	20.6	-0.3	20.30	0.107	2.00	Pass
			RB25#0	20.49	-0.3	20.19	0.104	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.51	-0.3	22.21	0.166	2.00	Pass
			RB1#25	22.49	-0.3	22.19	0.166	2.00	Pass
			RB1#49	22.45	-0.3	22.15	0.164	2.00	Pass
			RB25#0	21.55	-0.3	21.25	0.133	2.00	Pass
			RB25#13	21.61	-0.3	21.31	0.135	2.00	Pass
			RB25#25	21.63	-0.3	21.33	0.136	2.00	Pass
			RB50#0	21.55	-0.3	21.25	0.133	2.00	Pass
		16-QAM	RB1#0	21.64	-0.3	21.34	0.136	2.00	Pass
			RB1#25	21.52	-0.3	21.22	0.132	2.00	Pass
			RB1#49	21.54	-0.3	21.24	0.133	2.00	Pass
			RB25#0	20.53	-0.3	20.23	0.105	2.00	Pass
			RB25#13	20.6	-0.3	20.30	0.107	2.00	Pass
			RB25#25	20.67	-0.3	20.37	0.109	2.00	Pass
			RB50#0	20.58	-0.3	20.28	0.107	2.00	Pass
	MCH	QPSK	RB1#0	22.43	-0.3	22.13	0.163	2.00	Pass
			RB1#25	22.48	-0.3	22.18	0.165	2.00	Pass
			RB1#49	22.47	-0.3	22.17	0.165	2.00	Pass
			RB25#0	21.5	-0.3	21.20	0.132	2.00	Pass
			RB25#13	21.58	-0.3	21.28	0.134	2.00	Pass
			RB25#25	21.62	-0.3	21.32	0.136	2.00	Pass
			RB50#0	21.55	-0.3	21.25	0.133	2.00	Pass
		16-QAM	RB1#0	21.96	-0.3	21.66	0.147	2.00	Pass
			RB1#25	22.05	-0.3	21.75	0.150	2.00	Pass
			RB1#49	22.05	-0.3	21.75	0.150	2.00	Pass
			RB25#0	20.59	-0.3	20.29	0.107	2.00	Pass
			RB25#13	20.64	-0.3	20.34	0.108	2.00	Pass
			RB25#25	20.69	-0.3	20.39	0.109	2.00	Pass
			RB50#0	20.57	-0.3	20.27	0.106	2.00	Pass
	HCH	QPSK	RB1#0	22.45	-0.3	22.15	0.164	2.00	Pass
			RB1#25	22.46	-0.3	22.16	0.164	2.00	Pass
			RB1#49	22.51	-0.3	22.21	0.166	2.00	Pass
			RB25#0	21.44	-0.3	21.14	0.130	2.00	Pass
			RB25#13	21.51	-0.3	21.21	0.132	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#25	21.57	-0.3	21.27	0.134	2.00	Pass
			RB50#0	21.48	-0.3	21.18	0.131	2.00	Pass
		16-QAM	RB1#0	21.46	-0.3	21.16	0.131	2.00	Pass
			RB1#25	21.53	-0.3	21.23	0.133	2.00	Pass
			RB1#49	21.66	-0.3	21.36	0.137	2.00	Pass
			RB25#0	20.5	-0.3	20.20	0.105	2.00	Pass
			RB25#13	20.59	-0.3	20.29	0.107	2.00	Pass
			RB25#25	20.66	-0.3	20.36	0.109	2.00	Pass
			RB50#0	20.52	-0.3	20.22	0.105	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.32	-0.3	22.02	0.159	2.00	Pass
			RB1#38	22.42	-0.3	22.12	0.163	2.00	Pass
			RB1#74	22.4	-0.3	22.10	0.162	2.00	Pass
			RB36#0	21.35	-0.3	21.05	0.127	2.00	Pass
			RB36#19	21.49	-0.3	21.19	0.132	2.00	Pass
			RB36#39	21.52	-0.3	21.22	0.132	2.00	Pass
			RB75#0	21.45	-0.3	21.15	0.130	2.00	Pass
		16-QAM	RB1#0	21.42	-0.3	21.12	0.129	2.00	Pass
			RB1#38	21.35	-0.3	21.05	0.127	2.00	Pass
			RB1#74	21.39	-0.3	21.09	0.129	2.00	Pass
			RB36#0	20.38	-0.3	20.08	0.102	2.00	Pass
			RB36#19	20.5	-0.3	20.20	0.105	2.00	Pass
			RB36#39	20.52	-0.3	20.22	0.105	2.00	Pass
			RB75#0	20.49	-0.3	20.19	0.104	2.00	Pass
	MCH	QPSK	RB1#0	22.41	-0.3	22.11	0.163	2.00	Pass
			RB1#38	22.4	-0.3	22.10	0.162	2.00	Pass
			RB1#74	22.37	-0.3	22.07	0.161	2.00	Pass
			RB36#0	21.41	-0.3	21.11	0.129	2.00	Pass
			RB36#19	21.44	-0.3	21.14	0.130	2.00	Pass
			RB36#39	21.53	-0.3	21.23	0.133	2.00	Pass
			RB75#0	21.4	-0.3	21.10	0.129	2.00	Pass
		16-QAM	RB1#0	21.84	-0.3	21.54	0.143	2.00	Pass
			RB1#38	21.86	-0.3	21.56	0.143	2.00	Pass
			RB1#74	21.87	-0.3	21.57	0.144	2.00	Pass
			RB36#0	20.43	-0.3	20.13	0.103	2.00	Pass
			RB36#19	20.51	-0.3	20.21	0.105	2.00	Pass
			RB36#39	20.57	-0.3	20.27	0.106	2.00	Pass
			RB75#0	20.44	-0.3	20.14	0.103	2.00	Pass
	HCH	QPSK	RB1#0	22.33	-0.3	22.03	0.160	2.00	Pass
			RB1#38	22.29	-0.3	21.99	0.158	2.00	Pass
			RB1#74	22.34	-0.3	22.04	0.160	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									
			RB36#0	21.32	-0.3	21.02	0.126	2.00	Pass
			RB36#19	21.42	-0.3	21.12	0.129	2.00	Pass
			RB36#39	21.46	-0.3	21.16	0.131	2.00	Pass
			RB75#0	21.44	-0.3	21.14	0.130	2.00	Pass
		16-QAM	RB1#0	22.04	-0.3	21.74	0.149	2.00	Pass
			RB1#38	21.92	-0.3	21.62	0.145	2.00	Pass
			RB1#74	21.97	-0.3	21.67	0.147	2.00	Pass
			RB36#0	20.33	-0.3	20.03	0.101	2.00	Pass
			RB36#19	20.41	-0.3	20.11	0.103	2.00	Pass
			RB36#39	20.45	-0.3	20.15	0.104	2.00	Pass
			RB75#0	20.44	-0.3	20.14	0.103	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	22.36	-0.3	22.06	0.161	2.00	Pass
			RB1#50	22.36	-0.3	22.06	0.161	2.00	Pass
			RB1#99	22.37	-0.3	22.07	0.161	2.00	Pass
			RB50#0	21.35	-0.3	21.05	0.127	2.00	Pass
			RB50#25	21.47	-0.3	21.17	0.131	2.00	Pass
			RB50#50	21.49	-0.3	21.19	0.132	2.00	Pass
			RB100#0	21.49	-0.3	21.19	0.132	2.00	Pass
		16-QAM	RB1#0	21.93	-0.3	21.63	0.146	2.00	Pass
			RB1#50	21.93	-0.3	21.63	0.146	2.00	Pass
			RB1#99	21.87	-0.3	21.57	0.144	2.00	Pass
			RB50#0	20.43	-0.3	20.13	0.103	2.00	Pass
			RB50#25	20.54	-0.3	20.24	0.106	2.00	Pass
			RB50#50	20.53	-0.3	20.23	0.105	2.00	Pass
			RB100#0	20.47	-0.3	20.17	0.104	2.00	Pass
	MCH	QPSK	RB1#0	22.46	-0.3	22.16	0.164	2.00	Pass
			RB1#50	22.47	-0.3	22.17	0.165	2.00	Pass
			RB1#99	22.5	-0.3	22.20	0.166	2.00	Pass
			RB50#0	21.43	-0.3	21.13	0.130	2.00	Pass
			RB50#25	21.45	-0.3	21.15	0.130	2.00	Pass
			RB50#50	21.52	-0.3	21.22	0.132	2.00	Pass
			RB100#0	21.4	-0.3	21.10	0.129	2.00	Pass
		16-QAM	RB1#0	21.9	-0.3	21.60	0.145	2.00	Pass
			RB1#50	21.86	-0.3	21.56	0.143	2.00	Pass
			RB1#99	21.84	-0.3	21.54	0.143	2.00	Pass
			RB50#0	20.42	-0.3	20.12	0.103	2.00	Pass
			RB50#25	20.48	-0.3	20.18	0.104	2.00	Pass
			RB50#50	20.54	-0.3	20.24	0.106	2.00	Pass
			RB100#0	20.45	-0.3	20.15	0.104	2.00	Pass
	HCH	QPSK	RB1#0	22.36	-0.3	22.06	0.161	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#50	22.28	-0.3	21.98	0.158	2.00	Pass
			RB1#99	22.33	-0.3	22.03	0.160	2.00	Pass
			RB50#0	21.28	-0.3	20.98	0.125	2.00	Pass
			RB50#25	21.38	-0.3	21.08	0.128	2.00	Pass
			RB50#50	21.47	-0.3	21.17	0.131	2.00	Pass
			RB100#0	21.35	-0.3	21.05	0.127	2.00	Pass
		16-QAM	RB1#0	21.75	-0.3	21.45	0.140	2.00	Pass
			RB1#50	21.76	-0.3	21.46	0.140	2.00	Pass
			RB1#99	21.75	-0.3	21.45	0.140	2.00	Pass
			RB50#0	20.32	-0.3	20.02	0.100	2.00	Pass
			RB50#25	20.4	-0.3	20.10	0.102	2.00	Pass
			RB50#50	20.42	-0.3	20.12	0.103	2.00	Pass
			RB100#0	20.38	-0.3	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 BAND4									
1.4 MHz	LCH	QPSK	RB1#0	22.51	-0.5	22.01	0.159	1.00	Pass
			RB1#3	22.59	-0.5	22.09	0.162	1.00	Pass
			RB1#5	22.51	-0.5	22.01	0.159	1.00	Pass
			RB3#0	22.5	-0.5	22.00	0.158	1.00	Pass
			RB3#2	22.56	-0.5	22.06	0.161	1.00	Pass
			RB3#3	22.51	-0.5	22.01	0.159	1.00	Pass
			RB6#0	21.55	-0.5	21.05	0.127	1.00	Pass
		16-QAM	RB1#0	21.7	-0.5	21.20	0.132	1.00	Pass
			RB1#3	21.73	-0.5	21.23	0.133	1.00	Pass
			RB1#5	21.73	-0.5	21.23	0.133	1.00	Pass
			RB3#0	21.73	-0.5	21.23	0.133	1.00	Pass
			RB3#2	21.67	-0.5	21.17	0.131	1.00	Pass
			RB3#3	21.67	-0.5	21.17	0.131	1.00	Pass
			RB6#0	20.71	-0.5	20.21	0.105	1.00	Pass
	MCH	QPSK	RB1#0	22.59	-0.5	22.09	0.162	1.00	Pass
			RB1#3	22.71	-0.5	22.21	0.166	1.00	Pass
			RB1#5	22.59	-0.5	22.09	0.162	1.00	Pass
			RB3#0	22.66	-0.5	22.16	0.164	1.00	Pass
			RB3#2	22.73	-0.5	22.23	0.167	1.00	Pass
			RB3#3	22.68	-0.5	22.18	0.165	1.00	Pass
			RB6#0	21.72	-0.5	21.22	0.132	1.00	Pass
		16-QAM	RB1#0	22.08	-0.5	21.58	0.144	1.00	Pass
			RB1#3	22.12	-0.5	21.62	0.145	1.00	Pass
			RB1#5	22.07	-0.5	21.57	0.144	1.00	Pass
			RB3#0	21.91	-0.5	21.41	0.138	1.00	Pass
			RB3#2	21.97	-0.5	21.47	0.140	1.00	Pass
			RB3#3	21.94	-0.5	21.44	0.139	1.00	Pass
			RB6#0	20.58	-0.5	20.08	0.102	1.00	Pass
	HCH	QPSK	RB1#0	22.69	-0.5	22.19	0.166	1.00	Pass
			RB1#3	22.81	-0.5	22.31	0.170	1.00	Pass
			RB1#5	22.75	-0.5	22.25	0.168	1.00	Pass
			RB3#0	22.73	-0.5	22.23	0.167	1.00	Pass
			RB3#2	22.8	-0.5	22.30	0.170	1.00	Pass
			RB3#3	22.76	-0.5	22.26	0.168	1.00	Pass
			RB6#0	21.83	-0.5	21.33	0.136	1.00	Pass
		16-QAM	RB1#0	21.76	-0.5	21.26	0.134	1.00	Pass
			RB1#3	21.88	-0.5	21.38	0.137	1.00	Pass
			RB1#5	21.83	-0.5	21.33	0.136	1.00	Pass
			RB3#0	21.9	-0.5	21.40	0.138	1.00	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									
			RB3#2	22.04	-0.5	21.54	0.143	1.00	Pass
			RB3#3	21.99	-0.5	21.49	0.141	1.00	Pass
			RB6#0	21.01	-0.5	20.51	0.112	1.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.58	-0.5	22.08	0.161	1.00	Pass
			RB1#7	22.6	-0.5	22.10	0.162	1.00	Pass
			RB1#14	22.56	-0.5	22.06	0.161	1.00	Pass
			RB8#0	21.62	-0.5	21.12	0.129	1.00	Pass
			RB8#4	21.7	-0.5	21.20	0.132	1.00	Pass
			RB8#7	21.63	-0.5	21.13	0.130	1.00	Pass
			RB15#0	21.6	-0.5	21.10	0.129	1.00	Pass
		16-QAM	RB1#0	21.55	-0.5	21.05	0.127	1.00	Pass
			RB1#7	21.64	-0.5	21.14	0.130	1.00	Pass
			RB1#14	21.49	-0.5	20.99	0.126	1.00	Pass
			RB8#0	20.68	-0.5	20.18	0.104	1.00	Pass
			RB8#4	20.78	-0.5	20.28	0.107	1.00	Pass
			RB8#7	20.75	-0.5	20.25	0.106	1.00	Pass
			RB15#0	20.68	-0.5	20.18	0.104	1.00	Pass
	MCH	QPSK	RB1#0	22.68	-0.5	22.18	0.165	1.00	Pass
			RB1#7	22.81	-0.5	22.31	0.170	1.00	Pass
			RB1#14	22.76	-0.5	22.26	0.168	1.00	Pass
			RB8#0	21.7	-0.5	21.20	0.132	1.00	Pass
			RB8#4	21.8	-0.5	21.30	0.135	1.00	Pass
			RB8#7	21.78	-0.5	21.28	0.134	1.00	Pass
			RB15#0	21.79	-0.5	21.29	0.135	1.00	Pass
		16-QAM	RB1#0	22.06	-0.5	21.56	0.143	1.00	Pass
			RB1#7	22.25	-0.5	21.75	0.150	1.00	Pass
			RB1#14	22.19	-0.5	21.69	0.148	1.00	Pass
			RB8#0	20.76	-0.5	20.26	0.106	1.00	Pass
			RB8#4	20.87	-0.5	20.37	0.109	1.00	Pass
			RB8#7	20.84	-0.5	20.34	0.108	1.00	Pass
			RB15#0	20.84	-0.5	20.34	0.108	1.00	Pass
	HCH	QPSK	RB1#0	22.76	-0.5	22.26	0.168	1.00	Pass
			RB1#7	22.83	-0.5	22.33	0.171	1.00	Pass
			RB1#14	22.8	-0.5	22.30	0.170	1.00	Pass
			RB8#0	21.87	-0.5	21.37	0.137	1.00	Pass
			RB8#4	21.96	-0.5	21.46	0.140	1.00	Pass
			RB8#7	21.89	-0.5	21.39	0.138	1.00	Pass
			RB15#0	21.91	-0.5	21.41	0.138	1.00	Pass
		16-QAM	RB1#0	21.95	-0.5	21.45	0.140	1.00	Pass
			RB1#7	21.95	-0.5	21.45	0.140	1.00	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									
			RB1#14	21.91	-0.5	21.41	0.138	1.00	Pass
			RB8#0	20.84	-0.5	20.34	0.108	1.00	Pass
			RB8#4	20.98	-0.5	20.48	0.112	1.00	Pass
			RB8#7	20.85	-0.5	20.35	0.108	1.00	Pass
			RB15#0	20.9	-0.5	20.40	0.110	1.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.47	-0.5	21.97	0.157	1.00	Pass
			RB1#13	22.67	-0.5	22.17	0.165	1.00	Pass
			RB1#24	22.57	-0.5	22.07	0.161	1.00	Pass
			RB12#0	21.55	-0.5	21.05	0.127	1.00	Pass
			RB12#6	21.68	-0.5	21.18	0.131	1.00	Pass
			RB12#13	21.65	-0.5	21.15	0.130	1.00	Pass
			RB25#0	21.66	-0.5	21.16	0.131	1.00	Pass
		16-QAM	RB1#0	21.81	-0.5	21.31	0.135	1.00	Pass
			RB1#13	21.9	-0.5	21.40	0.138	1.00	Pass
			RB1#24	21.84	-0.5	21.34	0.136	1.00	Pass
			RB12#0	20.68	-0.5	20.18	0.104	1.00	Pass
			RB12#6	20.75	-0.5	20.25	0.106	1.00	Pass
			RB12#13	20.73	-0.5	20.23	0.105	1.00	Pass
			RB25#0	20.67	-0.5	20.17	0.104	1.00	Pass
	MCH	QPSK	RB1#0	22.66	-0.5	22.16	0.164	1.00	Pass
			RB1#13	22.81	-0.5	22.31	0.170	1.00	Pass
			RB1#24	22.8	-0.5	22.30	0.170	1.00	Pass
			RB12#0	21.68	-0.5	21.18	0.131	1.00	Pass
			RB12#6	21.86	-0.5	21.36	0.137	1.00	Pass
			RB12#13	21.82	-0.5	21.32	0.136	1.00	Pass
			RB25#0	21.78	-0.5	21.28	0.134	1.00	Pass
		16-QAM	RB1#0	22.22	-0.5	21.72	0.149	1.00	Pass
			RB1#13	22.4	-0.5	21.90	0.155	1.00	Pass
			RB1#24	22.34	-0.5	21.84	0.153	1.00	Pass
			RB12#0	20.84	-0.5	20.34	0.108	1.00	Pass
			RB12#6	20.96	-0.5	20.46	0.111	1.00	Pass
			RB12#13	20.98	-0.5	20.48	0.112	1.00	Pass
			RB25#0	20.85	-0.5	20.35	0.108	1.00	Pass
	HCH	QPSK	RB1#0	22.78	-0.5	22.28	0.169	1.00	Pass
			RB1#13	22.84	-0.5	22.34	0.171	1.00	Pass
			RB1#24	22.83	-0.5	22.33	0.171	1.00	Pass
			RB12#0	21.84	-0.5	21.34	0.136	1.00	Pass
			RB12#6	21.93	-0.5	21.43	0.139	1.00	Pass
			RB12#13	21.9	-0.5	21.40	0.138	1.00	Pass
			RB25#0	21.91	-0.5	21.41	0.138	1.00	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									
		16-QAM	RB1#0	22.05	-0.5	21.55	0.143	1.00	Pass
			RB1#13	22.14	-0.5	21.64	0.146	1.00	Pass
			RB1#24	22.07	-0.5	21.57	0.144	1.00	Pass
			RB12#0	20.97	-0.5	20.47	0.111	1.00	Pass
			RB12#6	21	-0.5	20.50	0.112	1.00	Pass
			RB12#13	20.98	-0.5	20.48	0.112	1.00	Pass
			RB25#0	20.88	-0.5	20.38	0.109	1.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.53	-0.5	22.03	0.160	1.00	Pass
			RB1#25	22.54	-0.5	22.04	0.160	1.00	Pass
			RB1#49	22.59	-0.5	22.09	0.162	1.00	Pass
			RB25#0	21.63	-0.5	21.13	0.130	1.00	Pass
			RB25#13	21.68	-0.5	21.18	0.131	1.00	Pass
			RB25#25	21.68	-0.5	21.18	0.131	1.00	Pass
			RB50#0	21.69	-0.5	21.19	0.132	1.00	Pass
		16-QAM	RB1#0	21.52	-0.5	21.02	0.126	1.00	Pass
			RB1#25	21.46	-0.5	20.96	0.125	1.00	Pass
			RB1#49	21.57	-0.5	21.07	0.128	1.00	Pass
			RB25#0	20.64	-0.5	20.14	0.103	1.00	Pass
			RB25#13	20.72	-0.5	20.22	0.105	1.00	Pass
			RB25#25	20.73	-0.5	20.23	0.105	1.00	Pass
			RB50#0	20.63	-0.5	20.13	0.103	1.00	Pass
	MCH	QPSK	RB1#0	22.66	-0.5	22.16	0.164	1.00	Pass
			RB1#25	22.7	-0.5	22.20	0.166	1.00	Pass
			RB1#49	22.69	-0.5	22.19	0.166	1.00	Pass
			RB25#0	21.76	-0.5	21.26	0.134	1.00	Pass
			RB25#13	21.87	-0.5	21.37	0.137	1.00	Pass
			RB25#25	21.85	-0.5	21.35	0.136	1.00	Pass
			RB50#0	21.82	-0.5	21.32	0.136	1.00	Pass
		16-QAM	RB1#0	22.19	-0.5	21.69	0.148	1.00	Pass
			RB1#25	22.28	-0.5	21.78	0.151	1.00	Pass
			RB1#49	22.28	-0.5	21.78	0.151	1.00	Pass
			RB25#0	20.73	-0.5	20.23	0.105	1.00	Pass
			RB25#13	20.89	-0.5	20.39	0.109	1.00	Pass
			RB25#25	20.93	-0.5	20.43	0.110	1.00	Pass
			RB50#0	20.82	-0.5	20.32	0.108	1.00	Pass
	HCH	QPSK	RB1#0	22.72	-0.5	22.22	0.167	1.00	Pass
			RB1#25	22.87	-0.5	22.37	0.173	1.00	Pass
			RB1#49	22.8	-0.5	22.30	0.170	1.00	Pass
			RB25#0	21.79	-0.5	21.29	0.135	1.00	Pass
			RB25#13	21.83	-0.5	21.33	0.136	1.00	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									
			RB25#25	21.95	-0.5	21.45	0.140	1.00	Pass
			RB50#0	21.86	-0.5	21.36	0.137	1.00	Pass
		16-QAM	RB1#0	21.89	-0.5	21.39	0.138	1.00	Pass
			RB1#25	21.93	-0.5	21.43	0.139	1.00	Pass
			RB1#49	21.82	-0.5	21.32	0.136	1.00	Pass
			RB25#0	20.9	-0.5	20.40	0.110	1.00	Pass
			RB25#13	20.95	-0.5	20.45	0.111	1.00	Pass
			RB25#25	21.08	-0.5	20.58	0.114	1.00	Pass
			RB50#0	20.88	-0.5	20.38	0.109	1.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.42	-0.5	21.92	0.156	1.00	Pass
			RB1#38	22.42	-0.5	21.92	0.156	1.00	Pass
			RB1#74	22.47	-0.5	21.97	0.157	1.00	Pass
			RB36#0	21.54	-0.5	21.04	0.127	1.00	Pass
			RB36#19	21.58	-0.5	21.08	0.128	1.00	Pass
			RB36#39	21.54	-0.5	21.04	0.127	1.00	Pass
			RB75#0	21.57	-0.5	21.07	0.128	1.00	Pass
		16-QAM	RB1#0	21.55	-0.5	21.05	0.127	1.00	Pass
			RB1#38	21.38	-0.5	20.88	0.122	1.00	Pass
			RB1#74	21.43	-0.5	20.93	0.124	1.00	Pass
			RB36#0	20.52	-0.5	20.02	0.100	1.00	Pass
			RB36#19	20.57	-0.5	20.07	0.102	1.00	Pass
			RB36#39	20.54	-0.5	20.04	0.101	1.00	Pass
			RB75#0	20.58	-0.5	20.08	0.102	1.00	Pass
	MCH	QPSK	RB1#0	22.62	-0.5	22.12	0.163	1.00	Pass
			RB1#38	22.58	-0.5	22.08	0.161	1.00	Pass
			RB1#74	22.58	-0.5	22.08	0.161	1.00	Pass
			RB36#0	21.69	-0.5	21.19	0.132	1.00	Pass
			RB36#19	21.72	-0.5	21.22	0.132	1.00	Pass
			RB36#39	21.71	-0.5	21.21	0.132	1.00	Pass
			RB75#0	21.73	-0.5	21.23	0.133	1.00	Pass
		16-QAM	RB1#0	22.05	-0.5	21.55	0.143	1.00	Pass
			RB1#38	22	-0.5	21.50	0.141	1.00	Pass
			RB1#74	22.04	-0.5	21.54	0.143	1.00	Pass
			RB36#0	20.73	-0.5	20.23	0.105	1.00	Pass
			RB36#19	20.8	-0.5	20.30	0.107	1.00	Pass
			RB36#39	20.78	-0.5	20.28	0.107	1.00	Pass
			RB75#0	20.73	-0.5	20.23	0.105	1.00	Pass
	HCH	QPSK	RB1#0	22.72	-0.5	22.22	0.167	1.00	Pass
			RB1#38	22.63	-0.5	22.13	0.163	1.00	Pass
			RB1#74	22.66	-0.5	22.16	0.164	1.00	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									
			RB36#0	21.73	-0.5	21.23	0.133	1.00	Pass
			RB36#19	21.7	-0.5	21.20	0.132	1.00	Pass
			RB36#39	21.75	-0.5	21.25	0.133	1.00	Pass
			RB75#0	21.71	-0.5	21.21	0.132	1.00	Pass
		16-QAM	RB1#0	22.1	-0.5	21.60	0.145	1.00	Pass
			RB1#38	22.11	-0.5	21.61	0.145	1.00	Pass
			RB1#74	22.02	-0.5	21.52	0.142	1.00	Pass
			RB36#0	20.69	-0.5	20.19	0.104	1.00	Pass
			RB36#19	20.7	-0.5	20.20	0.105	1.00	Pass
			RB36#39	20.74	-0.5	20.24	0.106	1.00	Pass
			RB75#0	20.69	-0.5	20.19	0.104	1.00	Pass
20 MHz	LCH	QPSK	RB1#0	22.5	-0.5	22.00	0.158	1.00	Pass
			RB1#50	22.43	-0.5	21.93	0.156	1.00	Pass
			RB1#99	22.55	-0.5	22.05	0.160	1.00	Pass
			RB50#0	21.53	-0.5	21.03	0.127	1.00	Pass
			RB50#25	21.61	-0.5	21.11	0.129	1.00	Pass
			RB50#50	21.56	-0.5	21.06	0.128	1.00	Pass
			RB100#0	21.59	-0.5	21.09	0.129	1.00	Pass
		16-QAM	RB1#0	22.04	-0.5	21.54	0.143	1.00	Pass
			RB1#50	21.99	-0.5	21.49	0.141	1.00	Pass
			RB1#99	22.07	-0.5	21.57	0.144	1.00	Pass
			RB50#0	20.57	-0.5	20.07	0.102	1.00	Pass
			RB50#25	20.62	-0.5	20.12	0.103	1.00	Pass
			RB50#50	20.59	-0.5	20.09	0.102	1.00	Pass
			RB100#0	20.67	-0.5	20.17	0.104	1.00	Pass
	MCH	QPSK	RB1#0	22.61	-0.5	22.11	0.163	1.00	Pass
			RB1#50	22.59	-0.5	22.09	0.162	1.00	Pass
			RB1#99	22.69	-0.5	22.19	0.166	1.00	Pass
			RB50#0	21.67	-0.5	21.17	0.131	1.00	Pass
			RB50#25	21.72	-0.5	21.22	0.132	1.00	Pass
			RB50#50	21.71	-0.5	21.21	0.132	1.00	Pass
			RB100#0	21.73	-0.5	21.23	0.133	1.00	Pass
		16-QAM	RB1#0	22.12	-0.5	21.62	0.145	1.00	Pass
			RB1#50	22.02	-0.5	21.52	0.142	1.00	Pass
			RB1#99	22.14	-0.5	21.64	0.146	1.00	Pass
			RB50#0	20.71	-0.5	20.21	0.105	1.00	Pass
			RB50#25	20.76	-0.5	20.26	0.106	1.00	Pass
			RB50#50	20.72	-0.5	20.22	0.105	1.00	Pass
			RB100#0	20.75	-0.5	20.25	0.106	1.00	Pass
	HCH	QPSK	RB1#0	22.64	-0.5	22.14	0.164	1.00	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									
			RB1#50	22.59	-0.5	22.09	0.162	1.00	Pass
			RB1#99	22.66	-0.5	22.16	0.164	1.00	Pass
			RB50#0	21.72	-0.5	21.22	0.132	1.00	Pass
			RB50#25	21.71	-0.5	21.21	0.132	1.00	Pass
			RB50#50	21.76	-0.5	21.26	0.134	1.00	Pass
			RB100#0	21.69	-0.5	21.19	0.132	1.00	Pass
		16-QAM	RB1#0	22.11	-0.5	21.61	0.145	1.00	Pass
			RB1#50	22.06	-0.5	21.56	0.143	1.00	Pass
			RB1#99	22.16	-0.5	21.66	0.147	1.00	Pass
			RB50#0	20.73	-0.5	20.23	0.105	1.00	Pass
			RB50#25	20.71	-0.5	20.21	0.105	1.00	Pass
			RB50#50	20.72	-0.5	20.22	0.105	1.00	Pass
			RB100#0	20.71	-0.5	20.21	0.105	1.00	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										
1.4 MHz	LCH	QPSK	RB1#0	23.08	-1	-3.15	19.93	0.098	7.00	Pass
			RB1#3	23.14	-1	-3.15	19.99	0.100	7.00	Pass
			RB1#5	23.07	-1	-3.15	19.92	0.098	7.00	Pass
			RB3#0	23.13	-1	-3.15	19.98	0.100	7.00	Pass
			RB3#2	23.16	-1	-3.15	20.01	0.100	7.00	Pass
			RB3#3	23.07	-1	-3.15	19.92	0.098	7.00	Pass
			RB6#0	22.13	-1	-3.15	18.98	0.079	7.00	Pass
		16-QAM	RB1#0	22.32	-1	-3.15	19.17	0.083	7.00	Pass
			RB1#3	22.39	-1	-3.15	19.24	0.084	7.00	Pass
			RB1#5	22.29	-1	-3.15	19.14	0.082	7.00	Pass
			RB3#0	22.27	-1	-3.15	19.12	0.082	7.00	Pass
			RB3#2	22.24	-1	-3.15	19.09	0.081	7.00	Pass
			RB3#3	22.16	-1	-3.15	19.01	0.080	7.00	Pass
			RB6#0	21.33	-1	-3.15	18.18	0.066	7.00	Pass
	MCH	QPSK	RB1#0	22.98	-1	-3.15	19.83	0.096	7.00	Pass
			RB1#3	23.08	-1	-3.15	19.93	0.098	7.00	Pass
			RB1#5	22.99	-1	-3.15	19.84	0.096	7.00	Pass
			RB3#0	23.04	-1	-3.15	19.89	0.097	7.00	Pass
			RB3#2	23.09	-1	-3.15	19.94	0.099	7.00	Pass
			RB3#3	23.05	-1	-3.15	19.90	0.098	7.00	Pass
			RB6#0	22.08	-1	-3.15	18.93	0.078	7.00	Pass
		16-QAM	RB1#0	22.47	-1	-3.15	19.32	0.086	7.00	Pass
			RB1#3	22.51	-1	-3.15	19.36	0.086	7.00	Pass
			RB1#5	22.43	-1	-3.15	19.28	0.085	7.00	Pass
			RB3#0	22.33	-1	-3.15	19.18	0.083	7.00	Pass
			RB3#2	22.31	-1	-3.15	19.16	0.082	7.00	Pass
			RB3#3	22.28	-1	-3.15	19.13	0.082	7.00	Pass
			RB6#0	20.96	-1	-3.15	17.81	0.060	7.00	Pass
	HCH	QPSK	RB1#0	22.99	-1	-3.15	19.84	0.096	7.00	Pass
			RB1#3	23.1	-1	-3.15	19.95	0.099	7.00	Pass
			RB1#5	22.93	-1	-3.15	19.78	0.095	7.00	Pass
			RB3#0	23	-1	-3.15	19.85	0.097	7.00	Pass
			RB3#2	23.06	-1	-3.15	19.91	0.098	7.00	Pass
			RB3#3	23.02	-1	-3.15	19.87	0.097	7.00	Pass
			RB6#0	22.06	-1	-3.15	18.91	0.078	7.00	Pass
		16-QAM	RB1#0	22	-1	-3.15	18.85	0.077	7.00	Pass
			RB1#3	22.2	-1	-3.15	19.05	0.080	7.00	Pass
			RB1#5	22.01	-1	-3.15	18.86	0.077	7.00	Pass
			RB3#0	22.26	-1	-3.15	19.11	0.081	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										
			RB3#2	22.35	-1	-3.15	19.20	0.083	7.00	Pass
			RB3#3	22.23	-1	-3.15	19.08	0.081	7.00	Pass
			RB6#0	21.2	-1	-3.15	18.05	0.064	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.21	-1	-3.15	20.06	0.101	7.00	Pass
			RB1#7	23.14	-1	-3.15	19.99	0.100	7.00	Pass
			RB1#14	23.12	-1	-3.15	19.97	0.099	7.00	Pass
			RB8#0	22.27	-1	-3.15	19.12	0.082	7.00	Pass
			RB8#4	22.27	-1	-3.15	19.12	0.082	7.00	Pass
			RB8#7	22.22	-1	-3.15	19.07	0.081	7.00	Pass
			RB15#0	22.21	-1	-3.15	19.06	0.081	7.00	Pass
		16-QAM	RB1#0	22.15	-1	-3.15	19.00	0.079	7.00	Pass
			RB1#7	22.23	-1	-3.15	19.08	0.081	7.00	Pass
			RB1#14	22.11	-1	-3.15	18.96	0.079	7.00	Pass
			RB8#0	21.37	-1	-3.15	18.22	0.066	7.00	Pass
			RB8#4	21.31	-1	-3.15	18.16	0.065	7.00	Pass
			RB8#7	21.27	-1	-3.15	18.12	0.065	7.00	Pass
			RB15#0	21.26	-1	-3.15	18.11	0.065	7.00	Pass
	MCH	QPSK	RB1#0	23.19	-1	-3.15	20.04	0.101	7.00	Pass
			RB1#7	23.21	-1	-3.15	20.06	0.101	7.00	Pass
			RB1#14	23.13	-1	-3.15	19.98	0.100	7.00	Pass
			RB8#0	22.19	-1	-3.15	19.04	0.080	7.00	Pass
			RB8#4	22.22	-1	-3.15	19.07	0.081	7.00	Pass
			RB8#7	22.15	-1	-3.15	19.00	0.079	7.00	Pass
			RB15#0	22.13	-1	-3.15	18.98	0.079	7.00	Pass
		16-QAM	RB1#0	22.62	-1	-3.15	19.47	0.089	7.00	Pass
			RB1#7	22.61	-1	-3.15	19.46	0.088	7.00	Pass
			RB1#14	22.55	-1	-3.15	19.40	0.087	7.00	Pass
			RB8#0	21.17	-1	-3.15	18.02	0.063	7.00	Pass
			RB8#4	21.27	-1	-3.15	18.12	0.065	7.00	Pass
			RB8#7	21.23	-1	-3.15	18.08	0.064	7.00	Pass
			RB15#0	21.17	-1	-3.15	18.02	0.063	7.00	Pass
	HCH	QPSK	RB1#0	23.17	-1	-3.15	20.02	0.100	7.00	Pass
			RB1#7	23.13	-1	-3.15	19.98	0.100	7.00	Pass
			RB1#14	23	-1	-3.15	19.85	0.097	7.00	Pass
			RB8#0	22.15	-1	-3.15	19.00	0.079	7.00	Pass
			RB8#4	22.16	-1	-3.15	19.01	0.080	7.00	Pass
			RB8#7	22.08	-1	-3.15	18.93	0.078	7.00	Pass
			RB15#0	22.16	-1	-3.15	19.01	0.080	7.00	Pass
		16-QAM	RB1#0	22.27	-1	-3.15	19.12	0.082	7.00	Pass
			RB1#7	22.23	-1	-3.15	19.08	0.081	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#14	22.14	-1	-3.15	18.99	0.079	7.00	Pass
			RB8#0	21.21	-1	-3.15	18.06	0.064	7.00	Pass
			RB8#4	21.19	-1	-3.15	18.04	0.064	7.00	Pass
			RB8#7	21.17	-1	-3.15	18.02	0.063	7.00	Pass
			RB15#0	21.1	-1	-3.15	17.95	0.062	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.24	-1	-3.15	20.09	0.102	7.00	Pass
			RB1#13	23.17	-1	-3.15	20.02	0.100	7.00	Pass
			RB1#24	23.08	-1	-3.15	19.93	0.098	7.00	Pass
			RB12#0	22.27	-1	-3.15	19.12	0.082	7.00	Pass
			RB12#6	22.23	-1	-3.15	19.08	0.081	7.00	Pass
			RB12#13	22.15	-1	-3.15	19.00	0.079	7.00	Pass
			RB25#0	22.25	-1	-3.15	19.10	0.081	7.00	Pass
		16-QAM	RB1#0	22.48	-1	-3.15	19.33	0.086	7.00	Pass
			RB1#13	22.38	-1	-3.15	19.23	0.084	7.00	Pass
			RB1#24	22.39	-1	-3.15	19.24	0.084	7.00	Pass
			RB12#0	21.34	-1	-3.15	18.19	0.066	7.00	Pass
			RB12#6	21.3	-1	-3.15	18.15	0.065	7.00	Pass
			RB12#13	21.22	-1	-3.15	18.07	0.064	7.00	Pass
			RB25#0	21.29	-1	-3.15	18.14	0.065	7.00	Pass
	MCH	QPSK	RB1#0	23.23	-1	-3.15	20.08	0.102	7.00	Pass
			RB1#13	23.18	-1	-3.15	20.03	0.101	7.00	Pass
			RB1#24	23.13	-1	-3.15	19.98	0.100	7.00	Pass
			RB12#0	22.19	-1	-3.15	19.04	0.080	7.00	Pass
			RB12#6	22.26	-1	-3.15	19.11	0.081	7.00	Pass
			RB12#13	22.18	-1	-3.15	19.03	0.080	7.00	Pass
			RB25#0	22.14	-1	-3.15	18.99	0.079	7.00	Pass
		16-QAM	RB1#0	22.81	-1	-3.15	19.66	0.092	7.00	Pass
			RB1#13	22.77	-1	-3.15	19.62	0.092	7.00	Pass
			RB1#24	22.72	-1	-3.15	19.57	0.091	7.00	Pass
			RB12#0	21.3	-1	-3.15	18.15	0.065	7.00	Pass
			RB12#6	21.44	-1	-3.15	18.29	0.067	7.00	Pass
			RB12#13	21.32	-1	-3.15	18.17	0.066	7.00	Pass
			RB25#0	21.19	-1	-3.15	18.04	0.064	7.00	Pass
	HCH	QPSK	RB1#0	23.12	-1	-3.15	19.97	0.099	7.00	Pass
			RB1#13	23.12	-1	-3.15	19.97	0.099	7.00	Pass
			RB1#24	23.08	-1	-3.15	19.93	0.098	7.00	Pass
			RB12#0	22.12	-1	-3.15	18.97	0.079	7.00	Pass
			RB12#6	22.09	-1	-3.15	18.94	0.078	7.00	Pass
			RB12#13	22.12	-1	-3.15	18.97	0.079	7.00	Pass
			RB25#0	22.11	-1	-3.15	18.96	0.079	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										
		16-QAM	RB1#0	22.37	-1	-3.15	19.22	0.084	7.00	Pass
			RB1#13	22.39	-1	-3.15	19.24	0.084	7.00	Pass
			RB1#24	22.35	-1	-3.15	19.20	0.083	7.00	Pass
			RB12#0	21.21	-1	-3.15	18.06	0.064	7.00	Pass
			RB12#6	21.16	-1	-3.15	18.01	0.063	7.00	Pass
			RB12#13	21.21	-1	-3.15	18.06	0.064	7.00	Pass
			RB25#0	21.03	-1	-3.15	17.88	0.061	7.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.21	-1	-3.15	20.06	0.101	7.00	Pass
			RB1#25	23.12	-1	-3.15	19.97	0.099	7.00	Pass
			RB1#49	23.15	-1	-3.15	20.00	0.100	7.00	Pass
			RB25#0	22.2	-1	-3.15	19.05	0.080	7.00	Pass
			RB25#13	22.25	-1	-3.15	19.10	0.081	7.00	Pass
			RB25#25	22.23	-1	-3.15	19.08	0.081	7.00	Pass
			RB50#0	22.25	-1	-3.15	19.10	0.081	7.00	Pass
		16-QAM	RB1#0	22.17	-1	-3.15	19.02	0.080	7.00	Pass
			RB1#25	22.06	-1	-3.15	18.91	0.078	7.00	Pass
			RB1#49	22.13	-1	-3.15	18.98	0.079	7.00	Pass
			RB25#0	21.23	-1	-3.15	18.08	0.064	7.00	Pass
			RB25#13	21.27	-1	-3.15	18.12	0.065	7.00	Pass
			RB25#25	21.24	-1	-3.15	18.09	0.064	7.00	Pass
			RB50#0	21.22	-1	-3.15	18.07	0.064	7.00	Pass
	MCH	QPSK	RB1#0	23.1	-1	-3.15	19.95	0.099	7.00	Pass
			RB1#25	23.11	-1	-3.15	19.96	0.099	7.00	Pass
			RB1#49	23.03	-1	-3.15	19.88	0.097	7.00	Pass
			RB25#0	22.2	-1	-3.15	19.05	0.080	7.00	Pass
			RB25#13	22.17	-1	-3.15	19.02	0.080	7.00	Pass
			RB25#25	22.23	-1	-3.15	19.08	0.081	7.00	Pass
			RB50#0	22.16	-1	-3.15	19.01	0.080	7.00	Pass
		16-QAM	RB1#0	22.69	-1	-3.15	19.54	0.090	7.00	Pass
			RB1#25	22.61	-1	-3.15	19.46	0.088	7.00	Pass
			RB1#49	22.64	-1	-3.15	19.49	0.089	7.00	Pass
			RB25#0	21.24	-1	-3.15	18.09	0.064	7.00	Pass
			RB25#13	21.23	-1	-3.15	18.08	0.064	7.00	Pass
			RB25#25	21.19	-1	-3.15	18.04	0.064	7.00	Pass
			RB50#0	21.18	-1	-3.15	18.03	0.064	7.00	Pass
	HCH	QPSK	RB1#0	23.15	-1	-3.15	20.00	0.100	7.00	Pass
			RB1#25	23.05	-1	-3.15	19.90	0.098	7.00	Pass
			RB1#49	23.04	-1	-3.15	19.89	0.097	7.00	Pass
			RB25#0	22.13	-1	-3.15	18.98	0.079	7.00	Pass
			RB25#13	22.16	-1	-3.15	19.01	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										
			RB25#25	22.19	-1	-3.15	19.04	0.080	7.00	Pass
			RB50#0	22.14	-1	-3.15	18.99	0.079	7.00	Pass
		16-QAM	RB1#0	22.21	-1	-3.15	19.06	0.081	7.00	Pass
			RB1#25	22.25	-1	-3.15	19.10	0.081	7.00	Pass
			RB1#49	22.11	-1	-3.15	18.96	0.079	7.00	Pass
			RB25#0	21.21	-1	-3.15	18.06	0.064	7.00	Pass
			RB25#13	21.19	-1	-3.15	18.04	0.064	7.00	Pass
			RB25#25	21.26	-1	-3.15	18.11	0.065	7.00	Pass
			RB50#0	21.18	-1	-3.15	18.03	0.064	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	23.2	0.2	23.40	0.219	2.00	Pass
			RB1#13	23.25	0.2	23.45	0.221	2.00	Pass
			RB1#24	23.15	0.2	23.35	0.216	2.00	Pass
			RB12#0	22.35	0.2	22.55	0.180	2.00	Pass
			RB12#6	22.32	0.2	22.52	0.179	2.00	Pass
			RB12#13	22.32	0.2	22.52	0.179	2.00	Pass
			RB25#0	22.37	0.2	22.57	0.181	2.00	Pass
		16-QAM	RB1#0	22.46	0.2	22.66	0.185	2.00	Pass
			RB1#13	22.51	0.2	22.71	0.187	2.00	Pass
			RB1#24	22.44	0.2	22.64	0.184	2.00	Pass
			RB12#0	21.42	0.2	21.62	0.145	2.00	Pass
			RB12#6	21.45	0.2	21.65	0.146	2.00	Pass
			RB12#13	21.46	0.2	21.66	0.147	2.00	Pass
			RB25#0	21.38	0.2	21.58	0.144	2.00	Pass
	MCH	QPSK	RB1#0	23.36	0.2	23.56	0.227	2.00	Pass
			RB1#13	23.4	0.2	23.60	0.229	2.00	Pass
			RB1#24	23.28	0.2	23.48	0.223	2.00	Pass
			RB12#0	22.41	0.2	22.61	0.182	2.00	Pass
			RB12#6	22.41	0.2	22.61	0.182	2.00	Pass
			RB12#13	22.47	0.2	22.67	0.185	2.00	Pass
			RB25#0	22.39	0.2	22.59	0.182	2.00	Pass
		16-QAM	RB1#0	22.94	0.2	23.14	0.206	2.00	Pass
			RB1#13	22.98	0.2	23.18	0.208	2.00	Pass
			RB1#24	22.89	0.2	23.09	0.204	2.00	Pass
			RB12#0	21.54	0.2	21.74	0.149	2.00	Pass
			RB12#6	21.55	0.2	21.75	0.150	2.00	Pass
			RB12#13	21.62	0.2	21.82	0.152	2.00	Pass
			RB25#0	21.46	0.2	21.66	0.147	2.00	Pass
	HCH	QPSK	RB1#0	23.21	0.2	23.41	0.219	2.00	Pass
			RB1#13	23.25	0.2	23.45	0.221	2.00	Pass
			RB1#24	23.25	0.2	23.45	0.221	2.00	Pass
			RB12#0	22.2	0.2	22.40	0.174	2.00	Pass
			RB12#6	22.22	0.2	22.42	0.175	2.00	Pass
			RB12#13	22.3	0.2	22.50	0.178	2.00	Pass
			RB25#0	22.24	0.2	22.44	0.175	2.00	Pass
		16-QAM	RB1#0	22.47	0.2	22.67	0.185	2.00	Pass
			RB1#13	22.47	0.2	22.67	0.185	2.00	Pass
			RB1#24	22.41	0.2	22.61	0.182	2.00	Pass
			RB12#0	21.3	0.2	21.50	0.141	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									
			RB12#6	21.26	0.2	21.46	0.140	2.00	Pass
			RB12#13	21.36	0.2	21.56	0.143	2.00	Pass
			RB25#0	21.18	0.2	21.38	0.137	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.26	0.2	23.46	0.222	2.00	Pass
			RB1#25	23.21	0.2	23.41	0.219	2.00	Pass
			RB1#49	23.2	0.2	23.40	0.219	2.00	Pass
			RB25#0	22.33	0.2	22.53	0.179	2.00	Pass
			RB25#13	22.41	0.2	22.61	0.182	2.00	Pass
			RB25#25	22.39	0.2	22.59	0.182	2.00	Pass
			RB50#0	22.35	0.2	22.55	0.180	2.00	Pass
		16-QAM	RB1#0	22.52	0.2	22.72	0.187	2.00	Pass
			RB1#25	22.17	0.2	22.37	0.173	2.00	Pass
			RB1#49	22.13	0.2	22.33	0.171	2.00	Pass
			RB25#0	21.39	0.2	21.59	0.144	2.00	Pass
			RB25#13	21.47	0.2	21.67	0.147	2.00	Pass
			RB25#25	21.4	0.2	21.60	0.145	2.00	Pass
			RB50#0	21.37	0.2	21.57	0.144	2.00	Pass
	MCH	QPSK	RB1#0	23.33	0.2	23.53	0.225	2.00	Pass
			RB1#25	23.28	0.2	23.48	0.223	2.00	Pass
			RB1#49	23.17	0.2	23.37	0.217	2.00	Pass
			RB25#0	22.38	0.2	22.58	0.181	2.00	Pass
			RB25#13	22.4	0.2	22.60	0.182	2.00	Pass
			RB25#25	22.46	0.2	22.66	0.185	2.00	Pass
			RB50#0	22.42	0.2	22.62	0.183	2.00	Pass
		16-QAM	RB1#0	22.85	0.2	23.05	0.202	2.00	Pass
			RB1#25	22.83	0.2	23.03	0.201	2.00	Pass
			RB1#49	22.67	0.2	22.87	0.194	2.00	Pass
			RB25#0	21.51	0.2	21.71	0.148	2.00	Pass
			RB25#13	21.46	0.2	21.66	0.147	2.00	Pass
			RB25#25	21.51	0.2	21.71	0.148	2.00	Pass
			RB50#0	21.4	0.2	21.60	0.145	2.00	Pass
	HCH	QPSK	RB1#0	23.22	0.2	23.42	0.220	2.00	Pass
			RB1#25	23.19	0.2	23.39	0.218	2.00	Pass
			RB1#49	23.18	0.2	23.38	0.218	2.00	Pass
			RB25#0	22.22	0.2	22.42	0.175	2.00	Pass
			RB25#13	22.32	0.2	22.52	0.179	2.00	Pass
			RB25#25	22.3	0.2	22.50	0.178	2.00	Pass
			RB50#0	22.33	0.2	22.53	0.179	2.00	Pass
		16-QAM	RB1#0	22.32	0.2	22.52	0.179	2.00	Pass
			RB1#25	22.31	0.2	22.51	0.178	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#49	22.23	0.2	22.43	0.175	2.00	Pass
			RB25#0	21.31	0.2	21.51	0.142	2.00	Pass
			RB25#13	21.43	0.2	21.63	0.146	2.00	Pass
			RB25#25	21.4	0.2	21.60	0.145	2.00	Pass
			RB50#0	21.38	0.2	21.58	0.144	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	23.11	0.2	23.31	0.214	2.00	Pass
			RB1#38	23.12	0.2	23.32	0.215	2.00	Pass
			RB1#74	23.09	0.2	23.29	0.213	2.00	Pass
			RB36#0	22.19	0.2	22.39	0.173	2.00	Pass
			RB36#19	22.25	0.2	22.45	0.176	2.00	Pass
			RB36#39	22.22	0.2	22.42	0.175	2.00	Pass
			RB75#0	22.26	0.2	22.46	0.176	2.00	Pass
		16-QAM	RB1#0	22.13	0.2	22.33	0.171	2.00	Pass
			RB1#38	22.16	0.2	22.36	0.172	2.00	Pass
			RB1#74	22.08	0.2	22.28	0.169	2.00	Pass
			RB36#0	21.21	0.2	21.41	0.138	2.00	Pass
			RB36#19	21.27	0.2	21.47	0.140	2.00	Pass
			RB36#39	21.24	0.2	21.44	0.139	2.00	Pass
			RB75#0	21.25	0.2	21.45	0.140	2.00	Pass
	MCH	QPSK	RB1#0	23.25	0.2	23.45	0.221	2.00	Pass
			RB1#38	23.2	0.2	23.40	0.219	2.00	Pass
			RB1#74	23.05	0.2	23.25	0.211	2.00	Pass
			RB36#0	22.29	0.2	22.49	0.177	2.00	Pass
			RB36#19	22.3	0.2	22.50	0.178	2.00	Pass
			RB36#39	22.33	0.2	22.53	0.179	2.00	Pass
			RB75#0	22.23	0.2	22.43	0.175	2.00	Pass
		16-QAM	RB1#0	22.7	0.2	22.90	0.195	2.00	Pass
			RB1#38	22.69	0.2	22.89	0.195	2.00	Pass
			RB1#74	22.54	0.2	22.74	0.188	2.00	Pass
			RB36#0	21.38	0.2	21.58	0.144	2.00	Pass
			RB36#19	21.39	0.2	21.59	0.144	2.00	Pass
			RB36#39	21.39	0.2	21.59	0.144	2.00	Pass
			RB75#0	21.32	0.2	21.52	0.142	2.00	Pass
	HCH	QPSK	RB1#0	23.09	0.2	23.29	0.213	2.00	Pass
			RB1#38	23.09	0.2	23.29	0.213	2.00	Pass
			RB1#74	23.08	0.2	23.28	0.213	2.00	Pass
			RB36#0	22.14	0.2	22.34	0.171	2.00	Pass
			RB36#19	22.23	0.2	22.43	0.175	2.00	Pass
			RB36#39	22.21	0.2	22.41	0.174	2.00	Pass
			RB75#0	22.18	0.2	22.38	0.173	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									
		16-QAM	RB1#0	22.43	0.2	22.63	0.183	2.00	Pass
			RB1#38	22.68	0.2	22.88	0.194	2.00	Pass
			RB1#74	22.44	0.2	22.64	0.184	2.00	Pass
			RB36#0	21.12	0.2	21.32	0.136	2.00	Pass
			RB36#19	21.21	0.2	21.41	0.138	2.00	Pass
			RB36#39	21.18	0.2	21.38	0.137	2.00	Pass
			RB75#0	21.19	0.2	21.39	0.138	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	23.21	0.2	23.41	0.219	2.00	Pass
			RB1#50	23.18	0.2	23.38	0.218	2.00	Pass
			RB1#99	23.08	0.2	23.28	0.213	2.00	Pass
			RB50#0	22.17	0.2	22.37	0.173	2.00	Pass
			RB50#25	22.28	0.2	22.48	0.177	2.00	Pass
			RB50#50	22.21	0.2	22.41	0.174	2.00	Pass
			RB100#0	22.25	0.2	22.45	0.176	2.00	Pass
		16-QAM	RB1#0	22.72	0.2	22.92	0.196	2.00	Pass
			RB1#50	22.72	0.2	22.92	0.196	2.00	Pass
			RB1#99	22.67	0.2	22.87	0.194	2.00	Pass
			RB50#0	21.23	0.2	21.43	0.139	2.00	Pass
			RB50#25	21.28	0.2	21.48	0.141	2.00	Pass
			RB50#50	21.28	0.2	21.48	0.141	2.00	Pass
			RB100#0	21.28	0.2	21.48	0.141	2.00	Pass
	MCH	QPSK	RB1#0	23.28	0.2	23.48	0.223	2.00	Pass
			RB1#50	23.28	0.2	23.48	0.223	2.00	Pass
			RB1#99	23.16	0.2	23.36	0.217	2.00	Pass
			RB50#0	22.31	0.2	22.51	0.178	2.00	Pass
			RB50#25	22.31	0.2	22.51	0.178	2.00	Pass
			RB50#50	22.35	0.2	22.55	0.180	2.00	Pass
			RB100#0	22.28	0.2	22.48	0.177	2.00	Pass
		16-QAM	RB1#0	22.72	0.2	22.92	0.196	2.00	Pass
			RB1#50	22.7	0.2	22.90	0.195	2.00	Pass
			RB1#99	22.87	0.2	23.07	0.203	2.00	Pass
			RB50#0	21.34	0.2	21.54	0.143	2.00	Pass
			RB50#25	21.33	0.2	21.53	0.142	2.00	Pass
			RB50#50	21.38	0.2	21.58	0.144	2.00	Pass
			RB100#0	21.33	0.2	21.53	0.142	2.00	Pass
	HCH	QPSK	RB1#0	23.02	0.2	23.22	0.210	2.00	Pass
			RB1#50	23.12	0.2	23.32	0.215	2.00	Pass
			RB1#99	23.07	0.2	23.27	0.212	2.00	Pass
			RB50#0	22.14	0.2	22.34	0.171	2.00	Pass
			RB50#25	22.15	0.2	22.35	0.172	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#50	22.21	0.2	22.41	0.174	2.00	Pass
			RB100#0	22.12	0.2	22.32	0.171	2.00	Pass
		16-QAM	RB1#0	22.52	0.2	22.72	0.187	2.00	Pass
			RB1#50	22.52	0.2	22.72	0.187	2.00	Pass
			RB1#99	22.52	0.2	22.72	0.187	2.00	Pass
			RB50#0	21.11	0.2	21.31	0.135	2.00	Pass
			RB50#25	21.16	0.2	21.36	0.137	2.00	Pass
			RB50#50	21.19	0.2	21.39	0.138	2.00	Pass
			RB100#0	21.17	0.2	21.37	0.137	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	23.09	-1.2	-3.35	19.74	0.094	3.00	Pass
			RB1#3	23.14	-1.2	-3.35	19.79	0.095	3.00	Pass
			RB1#5	23.05	-1.2	-3.35	19.70	0.093	3.00	Pass
			RB3#0	23.08	-1.2	-3.35	19.73	0.094	3.00	Pass
			RB3#2	23.11	-1.2	-3.35	19.76	0.095	3.00	Pass
			RB3#3	23.11	-1.2	-3.35	19.76	0.095	3.00	Pass
			RB6#0	22.15	-1.2	-3.35	18.80	0.076	3.00	Pass
		16-QAM	RB1#0	22.37	-1.2	-3.35	19.02	0.080	3.00	Pass
			RB1#3	22.41	-1.2	-3.35	19.06	0.081	3.00	Pass
			RB1#5	22.28	-1.2	-3.35	18.93	0.078	3.00	Pass
			RB3#0	22.26	-1.2	-3.35	18.91	0.078	3.00	Pass
			RB3#2	22.18	-1.2	-3.35	18.83	0.076	3.00	Pass
			RB3#3	22.26	-1.2	-3.35	18.91	0.078	3.00	Pass
			RB6#0	21.34	-1.2	-3.35	17.99	0.063	3.00	Pass
	MCH	QPSK	RB1#0	23.07	-1.2	-3.35	19.72	0.094	3.00	Pass
			RB1#3	23.11	-1.2	-3.35	19.76	0.095	3.00	Pass
			RB1#5	23.03	-1.2	-3.35	19.68	0.093	3.00	Pass
			RB3#0	23.07	-1.2	-3.35	19.72	0.094	3.00	Pass
			RB3#2	23.16	-1.2	-3.35	19.81	0.096	3.00	Pass
			RB3#3	23.11	-1.2	-3.35	19.76	0.095	3.00	Pass
			RB6#0	22.15	-1.2	-3.35	18.80	0.076	3.00	Pass
		16-QAM	RB1#0	22.52	-1.2	-3.35	19.17	0.083	3.00	Pass
			RB1#3	22.55	-1.2	-3.35	19.20	0.083	3.00	Pass
			RB1#5	22.54	-1.2	-3.35	19.19	0.083	3.00	Pass
			RB3#0	22.39	-1.2	-3.35	19.04	0.080	3.00	Pass
			RB3#2	22.38	-1.2	-3.35	19.03	0.080	3.00	Pass
			RB3#3	22.37	-1.2	-3.35	19.02	0.080	3.00	Pass
			RB6#0	21.1	-1.2	-3.35	17.75	0.060	3.00	Pass
	HCH	QPSK	RB1#0	23.2	-1.2	-3.35	19.85	0.097	3.00	Pass
			RB1#3	23.25	-1.2	-3.35	19.90	0.098	3.00	Pass
			RB1#5	23.15	-1.2	-3.35	19.80	0.095	3.00	Pass
			RB3#0	23.21	-1.2	-3.35	19.86	0.097	3.00	Pass
			RB3#2	23.24	-1.2	-3.35	19.89	0.097	3.00	Pass
			RB3#3	23.18	-1.2	-3.35	19.83	0.096	3.00	Pass
			RB6#0	22.2	-1.2	-3.35	18.85	0.077	3.00	Pass
		16-QAM	RB1#0	22.19	-1.2	-3.35	18.84	0.077	3.00	Pass
			RB1#3	22.3	-1.2	-3.35	18.95	0.079	3.00	Pass
			RB1#5	22.17	-1.2	-3.35	18.82	0.076	3.00	Pass
			RB3#0	22.41	-1.2	-3.35	19.06	0.081	3.00	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										
			RB3#2	22.5	-1.2	-3.35	19.15	0.082	3.00	Pass
			RB3#3	22.37	-1.2	-3.35	19.02	0.080	3.00	Pass
			RB6#0	21.39	-1.2	-3.35	18.04	0.064	3.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.27	-1.2	-3.35	19.92	0.098	3.00	Pass
			RB1#7	23.17	-1.2	-3.35	19.82	0.096	3.00	Pass
			RB1#14	23.18	-1.2	-3.35	19.83	0.096	3.00	Pass
			RB8#0	22.26	-1.2	-3.35	18.91	0.078	3.00	Pass
			RB8#4	22.29	-1.2	-3.35	18.94	0.078	3.00	Pass
			RB8#7	22.23	-1.2	-3.35	18.88	0.077	3.00	Pass
			RB15#0	22.27	-1.2	-3.35	18.92	0.078	3.00	Pass
		16-QAM	RB1#0	22.28	-1.2	-3.35	18.93	0.078	3.00	Pass
			RB1#7	22.19	-1.2	-3.35	18.84	0.077	3.00	Pass
			RB1#14	22.12	-1.2	-3.35	18.77	0.075	3.00	Pass
			RB8#0	21.38	-1.2	-3.35	18.03	0.064	3.00	Pass
			RB8#4	21.39	-1.2	-3.35	18.04	0.064	3.00	Pass
			RB8#7	21.33	-1.2	-3.35	17.98	0.063	3.00	Pass
			RB15#0	21.29	-1.2	-3.35	17.94	0.062	3.00	Pass
	MCH	QPSK	RB1#0	23.28	-1.2	-3.35	19.93	0.098	3.00	Pass
			RB1#7	23.25	-1.2	-3.35	19.90	0.098	3.00	Pass
			RB1#14	23.22	-1.2	-3.35	19.87	0.097	3.00	Pass
			RB8#0	22.23	-1.2	-3.35	18.88	0.077	3.00	Pass
			RB8#4	22.27	-1.2	-3.35	18.92	0.078	3.00	Pass
			RB8#7	22.25	-1.2	-3.35	18.90	0.078	3.00	Pass
			RB15#0	22.27	-1.2	-3.35	18.92	0.078	3.00	Pass
		16-QAM	RB1#0	22.65	-1.2	-3.35	19.30	0.085	3.00	Pass
			RB1#7	22.62	-1.2	-3.35	19.27	0.085	3.00	Pass
			RB1#14	22.56	-1.2	-3.35	19.21	0.083	3.00	Pass
			RB8#0	21.28	-1.2	-3.35	17.93	0.062	3.00	Pass
			RB8#4	21.28	-1.2	-3.35	17.93	0.062	3.00	Pass
			RB8#7	21.26	-1.2	-3.35	17.91	0.062	3.00	Pass
			RB15#0	21.31	-1.2	-3.35	17.96	0.063	3.00	Pass
	HCH	QPSK	RB1#0	23.3	-1.2	-3.35	19.95	0.099	3.00	Pass
			RB1#7	23.27	-1.2	-3.35	19.92	0.098	3.00	Pass
			RB1#14	23.25	-1.2	-3.35	19.90	0.098	3.00	Pass
			RB8#0	22.24	-1.2	-3.35	18.89	0.077	3.00	Pass
			RB8#4	22.35	-1.2	-3.35	19.00	0.079	3.00	Pass
			RB8#7	22.27	-1.2	-3.35	18.92	0.078	3.00	Pass
			RB15#0	22.25	-1.2	-3.35	18.90	0.078	3.00	Pass
		16-QAM	RB1#0	22.37	-1.2	-3.35	19.02	0.080	3.00	Pass
			RB1#7	22.39	-1.2	-3.35	19.04	0.080	3.00	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										
			RB1#14	22.3	-1.2	-3.35	18.95	0.079	3.00	Pass
			RB8#0	21.28	-1.2	-3.35	17.93	0.062	3.00	Pass
			RB8#4	21.39	-1.2	-3.35	18.04	0.064	3.00	Pass
			RB8#7	21.33	-1.2	-3.35	17.98	0.063	3.00	Pass
			RB15#0	21.2	-1.2	-3.35	17.85	0.061	3.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.22	-1.2	-3.35	19.87	0.097	3.00	Pass
			RB1#13	23.21	-1.2	-3.35	19.86	0.097	3.00	Pass
			RB1#24	23.13	-1.2	-3.35	19.78	0.095	3.00	Pass
			RB12#0	22.28	-1.2	-3.35	18.93	0.078	3.00	Pass
			RB12#6	22.27	-1.2	-3.35	18.92	0.078	3.00	Pass
			RB12#13	22.19	-1.2	-3.35	18.84	0.077	3.00	Pass
			RB25#0	22.28	-1.2	-3.35	18.93	0.078	3.00	Pass
		16-QAM	RB1#0	22.5	-1.2	-3.35	19.15	0.082	3.00	Pass
			RB1#13	22.42	-1.2	-3.35	19.07	0.081	3.00	Pass
			RB1#24	22.41	-1.2	-3.35	19.06	0.081	3.00	Pass
			RB12#0	21.37	-1.2	-3.35	18.02	0.063	3.00	Pass
			RB12#6	21.37	-1.2	-3.35	18.02	0.063	3.00	Pass
			RB12#13	21.28	-1.2	-3.35	17.93	0.062	3.00	Pass
			RB25#0	21.32	-1.2	-3.35	17.97	0.063	3.00	Pass
	MCH	QPSK	RB1#0	23.25	-1.2	-3.35	19.90	0.098	3.00	Pass
			RB1#13	23.22	-1.2	-3.35	19.87	0.097	3.00	Pass
			RB1#24	23.15	-1.2	-3.35	19.80	0.095	3.00	Pass
			RB12#0	22.24	-1.2	-3.35	18.89	0.077	3.00	Pass
			RB12#6	22.3	-1.2	-3.35	18.95	0.079	3.00	Pass
			RB12#13	22.27	-1.2	-3.35	18.92	0.078	3.00	Pass
			RB25#0	22.28	-1.2	-3.35	18.93	0.078	3.00	Pass
		16-QAM	RB1#0	22.86	-1.2	-3.35	19.51	0.089	3.00	Pass
			RB1#13	22.84	-1.2	-3.35	19.49	0.089	3.00	Pass
			RB1#24	22.74	-1.2	-3.35	19.39	0.087	3.00	Pass
			RB12#0	21.38	-1.2	-3.35	18.03	0.064	3.00	Pass
			RB12#6	21.43	-1.2	-3.35	18.08	0.064	3.00	Pass
			RB12#13	21.41	-1.2	-3.35	18.06	0.064	3.00	Pass
			RB25#0	21.36	-1.2	-3.35	18.01	0.063	3.00	Pass
	HCH	QPSK	RB1#0	23.25	-1.2	-3.35	19.90	0.098	3.00	Pass
			RB1#13	23.27	-1.2	-3.35	19.92	0.098	3.00	Pass
			RB1#24	23.18	-1.2	-3.35	19.83	0.096	3.00	Pass
			RB12#0	22.29	-1.2	-3.35	18.94	0.078	3.00	Pass
			RB12#6	22.24	-1.2	-3.35	18.89	0.077	3.00	Pass
			RB12#13	22.28	-1.2	-3.35	18.93	0.078	3.00	Pass
			RB25#0	22.26	-1.2	-3.35	18.91	0.078	3.00	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										
		16-QAM	RB1#0	22.44	-1.2	-3.35	19.09	0.081	3.00	Pass
			RB1#13	22.49	-1.2	-3.35	19.14	0.082	3.00	Pass
			RB1#24	22.44	-1.2	-3.35	19.09	0.081	3.00	Pass
			RB12#0	21.36	-1.2	-3.35	18.01	0.063	3.00	Pass
			RB12#6	21.32	-1.2	-3.35	17.97	0.063	3.00	Pass
			RB12#13	21.35	-1.2	-3.35	18.00	0.063	3.00	Pass
			RB25#0	21.22	-1.2	-3.35	17.87	0.061	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.18	-1.2	-3.35	19.83	0.096	3.00	Pass
			RB1#25	23.15	-1.2	-3.35	19.80	0.095	3.00	Pass
			RB1#49	23.15	-1.2	-3.35	19.80	0.095	3.00	Pass
			RB25#0	22.25	-1.2	-3.35	18.90	0.078	3.00	Pass
			RB25#13	22.3	-1.2	-3.35	18.95	0.079	3.00	Pass
			RB25#25	22.21	-1.2	-3.35	18.86	0.077	3.00	Pass
			RB50#0	22.31	-1.2	-3.35	18.96	0.079	3.00	Pass
		16-QAM	RB1#0	22.21	-1.2	-3.35	18.86	0.077	3.00	Pass
			RB1#25	22.19	-1.2	-3.35	18.84	0.077	3.00	Pass
			RB1#49	22.13	-1.2	-3.35	18.78	0.076	3.00	Pass
			RB25#0	21.29	-1.2	-3.35	17.94	0.062	3.00	Pass
			RB25#13	21.37	-1.2	-3.35	18.02	0.063	3.00	Pass
			RB25#25	21.3	-1.2	-3.35	17.95	0.062	3.00	Pass
			RB50#0	21.3	-1.2	-3.35	17.95	0.062	3.00	Pass
	MCH	QPSK	RB1#0	23.17	-1.2	-3.35	19.82	0.096	3.00	Pass
			RB1#25	23.14	-1.2	-3.35	19.79	0.095	3.00	Pass
			RB1#49	23.14	-1.2	-3.35	19.79	0.095	3.00	Pass
			RB25#0	22.32	-1.2	-3.35	18.97	0.079	3.00	Pass
			RB25#13	22.32	-1.2	-3.35	18.97	0.079	3.00	Pass
			RB25#25	22.22	-1.2	-3.35	18.87	0.077	3.00	Pass
			RB50#0	22.31	-1.2	-3.35	18.96	0.079	3.00	Pass
		16-QAM	RB1#0	22.71	-1.2	-3.35	19.36	0.086	3.00	Pass
			RB1#25	22.65	-1.2	-3.35	19.30	0.085	3.00	Pass
			RB1#49	22.66	-1.2	-3.35	19.31	0.085	3.00	Pass
			RB25#0	21.34	-1.2	-3.35	17.99	0.063	3.00	Pass
			RB25#13	21.37	-1.2	-3.35	18.02	0.063	3.00	Pass
			RB25#25	21.3	-1.2	-3.35	17.95	0.062	3.00	Pass
			RB50#0	21.36	-1.2	-3.35	18.01	0.063	3.00	Pass
	HCH	QPSK	RB1#0	23.18	-1.2	-3.35	19.83	0.096	3.00	Pass
			RB1#25	23.2	-1.2	-3.35	19.85	0.097	3.00	Pass
			RB1#49	23.14	-1.2	-3.35	19.79	0.095	3.00	Pass
			RB25#0	22.29	-1.2	-3.35	18.94	0.078	3.00	Pass
			RB25#13	22.34	-1.2	-3.35	18.99	0.079	3.00	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										
			RB25#25	22.31	-1.2	-3.35	18.96	0.079	3.00	Pass
			RB50#0	22.24	-1.2	-3.35	18.89	0.077	3.00	Pass
		16-QAM	RB1#0	22.27	-1.2	-3.35	18.92	0.078	3.00	Pass
			RB1#25	22.25	-1.2	-3.35	18.90	0.078	3.00	Pass
			RB1#49	22.2	-1.2	-3.35	18.85	0.077	3.00	Pass
			RB25#0	21.39	-1.2	-3.35	18.04	0.064	3.00	Pass
			RB25#13	21.46	-1.2	-3.35	18.11	0.065	3.00	Pass
			RB25#25	21.38	-1.2	-3.35	18.03	0.064	3.00	Pass
			RB50#0	21.28	-1.2	-3.35	17.93	0.062	3.00	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 BAND17										
5 MHz	LCH	QPSK	RB1#0	23.13	-1.2	-3.65	18.92	0.078	3.00	Pass
			RB1#13	23.2	-1.2	-3.65	19.04	0.080	3.00	Pass
			RB1#24	23.16	-1.2	-3.65	18.94	0.078	3.00	Pass
			RB12#0	22.16	-1.2	-3.65	18.04	0.064	3.00	Pass
			RB12#6	22.28	-1.2	-3.65	18.03	0.064	3.00	Pass
			RB12#13	22.21	-1.2	-3.65	17.99	0.063	3.00	Pass
			RB25#0	22.27	-1.2	-3.65	18.00	0.063	3.00	Pass
		16-QAM	RB1#0	22.37	-1.2	-3.65	18.11	0.065	3.00	Pass
			RB1#13	22.44	-1.2	-3.65	18.17	0.066	3.00	Pass
			RB1#24	22.43	-1.2	-3.65	18.11	0.065	3.00	Pass
			RB12#0	21.24	-1.2	-3.65	17.05	0.051	3.00	Pass
			RB12#6	21.35	-1.2	-3.65	17.08	0.051	3.00	Pass
			RB12#13	21.35	-1.2	-3.65	17.04	0.051	3.00	Pass
			RB25#0	21.31	-1.2	-3.65	17.02	0.050	3.00	Pass
	MCH	QPSK	RB1#0	23.2	-1.2	-3.65	18.90	0.078	3.00	Pass
			RB1#13	23.29	-1.2	-3.65	19.05	0.080	3.00	Pass
			RB1#24	23.23	-1.2	-3.65	18.92	0.078	3.00	Pass
			RB12#0	22.23	-1.2	-3.65	17.93	0.062	3.00	Pass
			RB12#6	22.24	-1.2	-3.65	18.00	0.063	3.00	Pass
			RB12#13	22.31	-1.2	-3.65	18.02	0.063	3.00	Pass
			RB25#0	22.24	-1.2	-3.65	17.98	0.063	3.00	Pass
		16-QAM	RB1#0	22.8	-1.2	-3.65	18.41	0.069	3.00	Pass
			RB1#13	22.84	-1.2	-3.65	18.53	0.071	3.00	Pass
			RB1#24	22.82	-1.2	-3.65	18.38	0.069	3.00	Pass
			RB12#0	21.39	-1.2	-3.65	17.05	0.051	3.00	Pass
			RB12#6	21.4	-1.2	-3.65	17.15	0.052	3.00	Pass
			RB12#13	21.45	-1.2	-3.65	17.14	0.052	3.00	Pass
			RB25#0	21.32	-1.2	-3.65	17.03	0.050	3.00	Pass
	HCH	QPSK	RB1#0	23.21	-1.2	-3.65	18.88	0.077	3.00	Pass
			RB1#13	23.23	-1.2	-3.65	18.98	0.079	3.00	Pass
			RB1#24	23.24	-1.2	-3.65	18.89	0.077	3.00	Pass
			RB12#0	22.26	-1.2	-3.65	17.92	0.062	3.00	Pass
			RB12#6	22.34	-1.2	-3.65	18.02	0.063	3.00	Pass
			RB12#13	22.35	-1.2	-3.65	17.82	0.061	3.00	Pass
			RB25#0	22.27	-1.2	-3.65	17.92	0.062	3.00	Pass
		16-QAM	RB1#0	22.42	-1.2	-3.65	18.01	0.063	3.00	Pass
			RB1#13	22.42	-1.2	-3.65	18.09	0.064	3.00	Pass
			RB1#24	22.42	-1.2	-3.65	18.02	0.063	3.00	Pass
			RB12#0	21.34	-1.2	-3.65	16.99	0.050	3.00	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 BAND17										
			RB12#6	21.39	-1.2	-3.65	17.06	0.051	3.00	Pass
			RB12#13	21.39	-1.2	-3.65	16.87	0.049	3.00	Pass
			RB25#0	21.23	-1.2	-3.65	16.88	0.049	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.15	-1.2	-3.65	18.97	0.079	3.00	Pass
			RB1#25	23.18	-1.2	-3.65	19.05	0.080	3.00	Pass
			RB1#49	23.21	-1.2	-3.65	18.98	0.079	3.00	Pass
			RB25#0	22.19	-1.2	-3.65	18.04	0.064	3.00	Pass
			RB25#13	22.33	-1.2	-3.65	18.03	0.064	3.00	Pass
			RB25#25	22.25	-1.2	-3.65	18.09	0.064	3.00	Pass
			RB50#0	22.31	-1.2	-3.65	18.08	0.064	3.00	Pass
		16-QAM	RB1#0	22.13	-1.2	-3.65	17.88	0.061	3.00	Pass
			RB1#25	22.12	-1.2	-3.65	18.02	0.063	3.00	Pass
			RB1#49	22.25	-1.2	-3.65	17.85	0.061	3.00	Pass
			RB25#0	21.27	-1.2	-3.65	17.00	0.050	3.00	Pass
			RB25#13	21.39	-1.2	-3.65	17.03	0.050	3.00	Pass
			RB25#25	21.38	-1.2	-3.65	17.12	0.052	3.00	Pass
			RB50#0	21.31	-1.2	-3.65	17.04	0.051	3.00	Pass
	MCH	QPSK	RB1#0	23.1	-1.2	-3.65	18.98	0.079	3.00	Pass
			RB1#25	23.15	-1.2	-3.65	19.17	0.083	3.00	Pass
			RB1#49	23.23	-1.2	-3.65	18.95	0.079	3.00	Pass
			RB25#0	22.23	-1.2	-3.65	18.04	0.064	3.00	Pass
			RB25#13	22.32	-1.2	-3.65	18.01	0.063	3.00	Pass
			RB25#25	22.4	-1.2	-3.65	17.98	0.063	3.00	Pass
			RB50#0	22.26	-1.2	-3.65	18.02	0.063	3.00	Pass
		16-QAM	RB1#0	22.58	-1.2	-3.65	18.27	0.067	3.00	Pass
			RB1#25	22.68	-1.2	-3.65	18.51	0.071	3.00	Pass
			RB1#49	22.7	-1.2	-3.65	18.24	0.067	3.00	Pass
			RB25#0	21.24	-1.2	-3.65	16.99	0.050	3.00	Pass
			RB25#13	21.35	-1.2	-3.65	17.04	0.051	3.00	Pass
			RB25#25	21.43	-1.2	-3.65	17.03	0.050	3.00	Pass
			RB50#0	21.27	-1.2	-3.65	17.01	0.050	3.00	Pass
	HCH	QPSK	RB1#0	23.15	-1.2	-3.65	18.96	0.079	3.00	Pass
			RB1#25	23.17	-1.2	-3.65	19.12	0.082	3.00	Pass
			RB1#49	23.16	-1.2	-3.65	19.00	0.079	3.00	Pass
			RB25#0	22.24	-1.2	-3.65	17.94	0.062	3.00	Pass
			RB25#13	22.37	-1.2	-3.65	17.99	0.063	3.00	Pass
			RB25#25	22.37	-1.2	-3.65	17.91	0.062	3.00	Pass
			RB50#0	22.26	-1.2	-3.65	17.91	0.062	3.00	Pass
		16-QAM	RB1#0	22.22	-1.2	-3.65	17.92	0.062	3.00	Pass
			RB1#25	22.27	-1.2	-3.65	18.12	0.065	3.00	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 BAND17										
			RB1#49	22.2	-1.2	-3.65	17.92	0.062	3.00	Pass
			RB25#0	21.29	-1.2	-3.65	17.02	0.050	3.00	Pass
			RB25#13	21.45	-1.2	-3.65	17.07	0.051	3.00	Pass
			RB25#25	21.45	-1.2	-3.65	16.95	0.050	3.00	Pass
			RB50#0	21.28	-1.2	-3.65	16.93	0.049	3.00	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 BAND26 (Part22)										
1.4 MHz	LCH	QPSK	RB1#0	23.07	-1	-3.15	19.92	0.098	7.00	Pass
			RB1#3	23.14	-1	-3.15	19.99	0.100	7.00	Pass
			RB1#5	23.03	-1	-3.15	19.88	0.097	7.00	Pass
			RB3#0	23.12	-1	-3.15	19.97	0.099	7.00	Pass
			RB3#2	23.03	-1	-3.15	19.88	0.097	7.00	Pass
			RB3#3	23.06	-1	-3.15	19.91	0.098	7.00	Pass
			RB6#0	22.12	-1	-3.15	18.97	0.079	7.00	Pass
		16-QAM	RB1#0	22.27	-1	-3.15	19.12	0.082	7.00	Pass
			RB1#3	22.36	-1	-3.15	19.21	0.083	7.00	Pass
			RB1#5	22.23	-1	-3.15	19.08	0.081	7.00	Pass
			RB3#0	22.22	-1	-3.15	19.07	0.081	7.00	Pass
			RB3#2	22.22	-1	-3.15	19.07	0.081	7.00	Pass
			RB3#3	22.22	-1	-3.15	19.07	0.081	7.00	Pass
			RB6#0	21.28	-1	-3.15	18.13	0.065	7.00	Pass
	MCH	QPSK	RB1#0	23.04	-1	-3.15	19.89	0.097	7.00	Pass
			RB1#3	23.05	-1	-3.15	19.90	0.098	7.00	Pass
			RB1#5	22.99	-1	-3.15	19.84	0.096	7.00	Pass
			RB3#0	23.05	-1	-3.15	19.90	0.098	7.00	Pass
			RB3#2	23.09	-1	-3.15	19.94	0.099	7.00	Pass
			RB3#3	23.03	-1	-3.15	19.88	0.097	7.00	Pass
			RB6#0	22.07	-1	-3.15	18.92	0.078	7.00	Pass
		16-QAM	RB1#0	22.57	-1	-3.15	19.42	0.087	7.00	Pass
			RB1#3	22.5	-1	-3.15	19.35	0.086	7.00	Pass
			RB1#5	22.44	-1	-3.15	19.29	0.085	7.00	Pass
			RB3#0	22.34	-1	-3.15	19.19	0.083	7.00	Pass
			RB3#2	22.28	-1	-3.15	19.13	0.082	7.00	Pass
			RB3#3	22.3	-1	-3.15	19.15	0.082	7.00	Pass
			RB6#0	20.98	-1	-3.15	17.83	0.061	7.00	Pass
	HCH	QPSK	RB1#0	22.95	-1	-3.15	19.80	0.095	7.00	Pass
			RB1#3	23.04	-1	-3.15	19.89	0.097	7.00	Pass
			RB1#5	22.91	-1	-3.15	19.76	0.095	7.00	Pass
			RB3#0	23	-1	-3.15	19.85	0.097	7.00	Pass
			RB3#2	23.04	-1	-3.15	19.89	0.097	7.00	Pass
			RB3#3	22.97	-1	-3.15	19.82	0.096	7.00	Pass
			RB6#0	21.99	-1	-3.15	18.84	0.077	7.00	Pass
		16-QAM	RB1#0	21.93	-1	-3.15	18.78	0.076	7.00	Pass
			RB1#3	22.08	-1	-3.15	18.93	0.078	7.00	Pass
			RB1#5	21.96	-1	-3.15	18.81	0.076	7.00	Pass
			RB3#0	22.19	-1	-3.15	19.04	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 BAND26 (Part22)										
			RB3#2	22.27	-1	-3.15	19.12	0.082	7.00	Pass
			RB3#3	22.2	-1	-3.15	19.05	0.080	7.00	Pass
			RB6#0	21.17	-1	-3.15	18.02	0.063	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.18	-1	-3.15	20.03	0.101	7.00	Pass
			RB1#7	23.16	-1	-3.15	20.01	0.100	7.00	Pass
			RB1#14	23.15	-1	-3.15	20.00	0.100	7.00	Pass
			RB8#0	22.14	-1	-3.15	18.99	0.079	7.00	Pass
			RB8#4	22.27	-1	-3.15	19.12	0.082	7.00	Pass
			RB8#7	22.19	-1	-3.15	19.04	0.080	7.00	Pass
			RB15#0	22.2	-1	-3.15	19.05	0.080	7.00	Pass
		16-QAM	RB1#0	22.12	-1	-3.15	18.97	0.079	7.00	Pass
			RB1#7	22.18	-1	-3.15	19.03	0.080	7.00	Pass
			RB1#14	22.14	-1	-3.15	18.99	0.079	7.00	Pass
			RB8#0	21.3	-1	-3.15	18.15	0.065	7.00	Pass
			RB8#4	21.35	-1	-3.15	18.20	0.066	7.00	Pass
			RB8#7	21.25	-1	-3.15	18.10	0.065	7.00	Pass
			RB15#0	21.23	-1	-3.15	18.08	0.064	7.00	Pass
	MCH	QPSK	RB1#0	23.17	-1	-3.15	20.02	0.100	7.00	Pass
			RB1#7	23.19	-1	-3.15	20.04	0.101	7.00	Pass
			RB1#14	23.14	-1	-3.15	19.99	0.100	7.00	Pass
			RB8#0	22.16	-1	-3.15	19.01	0.080	7.00	Pass
			RB8#4	22.17	-1	-3.15	19.02	0.080	7.00	Pass
			RB8#7	22.16	-1	-3.15	19.01	0.080	7.00	Pass
			RB15#0	22.13	-1	-3.15	18.98	0.079	7.00	Pass
		16-QAM	RB1#0	22.55	-1	-3.15	19.40	0.087	7.00	Pass
			RB1#7	22.57	-1	-3.15	19.42	0.087	7.00	Pass
			RB1#14	22.49	-1	-3.15	19.34	0.086	7.00	Pass
			RB8#0	21.13	-1	-3.15	17.98	0.063	7.00	Pass
			RB8#4	21.2	-1	-3.15	18.05	0.064	7.00	Pass
			RB8#7	21.19	-1	-3.15	18.04	0.064	7.00	Pass
			RB15#0	21.16	-1	-3.15	18.01	0.063	7.00	Pass
	HCH	QPSK	RB1#0	23.06	-1	-3.15	19.91	0.098	7.00	Pass
			RB1#7	23.02	-1	-3.15	19.87	0.097	7.00	Pass
			RB1#14	23.02	-1	-3.15	19.87	0.097	7.00	Pass
			RB8#0	22.07	-1	-3.15	18.92	0.078	7.00	Pass
			RB8#4	22.16	-1	-3.15	19.01	0.080	7.00	Pass
			RB8#7	22.04	-1	-3.15	18.89	0.077	7.00	Pass
			RB15#0	22.1	-1	-3.15	18.95	0.079	7.00	Pass
		16-QAM	RB1#0	22.15	-1	-3.15	19.00	0.079	7.00	Pass
			RB1#7	22.15	-1	-3.15	19.00	0.079	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 BAND26 (Part22)										
			RB1#14	22.12	-1	-3.15	18.97	0.079	7.00	Pass
			RB8#0	21.15	-1	-3.15	18.00	0.063	7.00	Pass
			RB8#4	21.13	-1	-3.15	17.98	0.063	7.00	Pass
			RB8#7	21.08	-1	-3.15	17.93	0.062	7.00	Pass
			RB15#0	21.05	-1	-3.15	17.90	0.062	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.19	-1	-3.15	20.04	0.101	7.00	Pass
			RB1#13	23.18	-1	-3.15	20.03	0.101	7.00	Pass
			RB1#24	23.09	-1	-3.15	19.94	0.099	7.00	Pass
			RB12#0	22.17	-1	-3.15	19.02	0.080	7.00	Pass
			RB12#6	22.24	-1	-3.15	19.09	0.081	7.00	Pass
			RB12#13	22.14	-1	-3.15	18.99	0.079	7.00	Pass
			RB25#0	22.21	-1	-3.15	19.06	0.081	7.00	Pass
		16-QAM	RB1#0	22.45	-1	-3.15	19.30	0.085	7.00	Pass
			RB1#13	22.44	-1	-3.15	19.29	0.085	7.00	Pass
			RB1#24	22.42	-1	-3.15	19.27	0.085	7.00	Pass
			RB12#0	21.28	-1	-3.15	18.13	0.065	7.00	Pass
			RB12#6	21.38	-1	-3.15	18.23	0.067	7.00	Pass
			RB12#13	21.26	-1	-3.15	18.11	0.065	7.00	Pass
			RB25#0	21.27	-1	-3.15	18.12	0.065	7.00	Pass
	MCH	QPSK	RB1#0	23.16	-1	-3.15	20.01	0.100	7.00	Pass
			RB1#13	23.16	-1	-3.15	20.01	0.100	7.00	Pass
			RB1#24	23.1	-1	-3.15	19.95	0.099	7.00	Pass
			RB12#0	22.17	-1	-3.15	19.02	0.080	7.00	Pass
			RB12#6	22.18	-1	-3.15	19.03	0.080	7.00	Pass
			RB12#13	22.17	-1	-3.15	19.02	0.080	7.00	Pass
			RB25#0	22.15	-1	-3.15	19.00	0.079	7.00	Pass
		16-QAM	RB1#0	22.77	-1	-3.15	19.62	0.092	7.00	Pass
			RB1#13	22.78	-1	-3.15	19.63	0.092	7.00	Pass
			RB1#24	22.75	-1	-3.15	19.60	0.091	7.00	Pass
			RB12#0	21.33	-1	-3.15	18.18	0.066	7.00	Pass
			RB12#6	21.32	-1	-3.15	18.17	0.066	7.00	Pass
			RB12#13	21.25	-1	-3.15	18.10	0.065	7.00	Pass
			RB25#0	21.2	-1	-3.15	18.05	0.064	7.00	Pass
	HCH	QPSK	RB1#0	23.1	-1	-3.15	19.95	0.099	7.00	Pass
			RB1#13	23.11	-1	-3.15	19.96	0.099	7.00	Pass
			RB1#24	23.04	-1	-3.15	19.89	0.097	7.00	Pass
			RB12#0	22.13	-1	-3.15	18.98	0.079	7.00	Pass
			RB12#6	22.12	-1	-3.15	18.97	0.079	7.00	Pass
			RB12#13	22.07	-1	-3.15	18.92	0.078	7.00	Pass
			RB25#0	22.12	-1	-3.15	18.97	0.079	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 BAND26 (Part22)										
		16-QAM	RB1#0	22.31	-1	-3.15	19.16	0.082	7.00	Pass
			RB1#13	22.3	-1	-3.15	19.15	0.082	7.00	Pass
			RB1#24	22.24	-1	-3.15	19.09	0.081	7.00	Pass
			RB12#0	21.25	-1	-3.15	18.10	0.065	7.00	Pass
			RB12#6	21.18	-1	-3.15	18.03	0.064	7.00	Pass
			RB12#13	21.13	-1	-3.15	17.98	0.063	7.00	Pass
			RB25#0	21.07	-1	-3.15	17.92	0.062	7.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.17	-1	-3.15	20.02	0.100	7.00	Pass
			RB1#25	23.19	-1	-3.15	20.04	0.101	7.00	Pass
			RB1#49	23.08	-1	-3.15	19.93	0.098	7.00	Pass
			RB25#0	22.25	-1	-3.15	19.10	0.081	7.00	Pass
			RB25#13	22.26	-1	-3.15	19.11	0.081	7.00	Pass
			RB25#25	22.18	-1	-3.15	19.03	0.080	7.00	Pass
			RB50#0	22.22	-1	-3.15	19.07	0.081	7.00	Pass
		16-QAM	RB1#0	22.24	-1	-3.15	19.09	0.081	7.00	Pass
			RB1#25	22.24	-1	-3.15	19.09	0.081	7.00	Pass
			RB1#49	22.16	-1	-3.15	19.01	0.080	7.00	Pass
			RB25#0	21.27	-1	-3.15	18.12	0.065	7.00	Pass
			RB25#13	21.36	-1	-3.15	18.21	0.066	7.00	Pass
			RB25#25	21.25	-1	-3.15	18.10	0.065	7.00	Pass
			RB50#0	21.31	-1	-3.15	18.16	0.065	7.00	Pass
	MCH	QPSK	RB1#0	23.19	-1	-3.15	20.04	0.101	7.00	Pass
			RB1#25	23.12	-1	-3.15	19.97	0.099	7.00	Pass
			RB1#49	23.09	-1	-3.15	19.94	0.099	7.00	Pass
			RB25#0	22.17	-1	-3.15	19.02	0.080	7.00	Pass
			RB25#13	22.17	-1	-3.15	19.02	0.080	7.00	Pass
			RB25#25	22.16	-1	-3.15	19.01	0.080	7.00	Pass
			RB50#0	22.15	-1	-3.15	19.00	0.079	7.00	Pass
		16-QAM	RB1#0	22.18	-1	-3.15	19.03	0.080	7.00	Pass
			RB1#25	22.08	-1	-3.15	18.93	0.078	7.00	Pass
			RB1#49	22.08	-1	-3.15	18.93	0.078	7.00	Pass
			RB25#0	21.19	-1	-3.15	18.04	0.064	7.00	Pass
			RB25#13	21.23	-1	-3.15	18.08	0.064	7.00	Pass
			RB25#25	21.17	-1	-3.15	18.02	0.063	7.00	Pass
			RB50#0	21.15	-1	-3.15	18.00	0.063	7.00	Pass
	HCH	QPSK	RB1#0	23.03	-1	-3.15	19.88	0.097	7.00	Pass
			RB1#25	23.07	-1	-3.15	19.92	0.098	7.00	Pass
			RB1#49	22.96	-1	-3.15	19.81	0.096	7.00	Pass
			RB25#0	22.13	-1	-3.15	18.98	0.079	7.00	Pass
			RB25#13	22.13	-1	-3.15	18.98	0.079	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 BAND26 (Part22)										
			RB25#25	22.08	-1	-3.15	18.93	0.078	7.00	Pass
			RB50#0	22.09	-1	-3.15	18.94	0.078	7.00	Pass
		16-QAM	RB1#0	22.49	-1	-3.15	19.34	0.086	7.00	Pass
			RB1#25	22.58	-1	-3.15	19.43	0.088	7.00	Pass
			RB1#49	22.55	-1	-3.15	19.40	0.087	7.00	Pass
			RB25#0	21.09	-1	-3.15	17.94	0.062	7.00	Pass
			RB25#13	21.12	-1	-3.15	17.97	0.063	7.00	Pass
			RB25#25	21.17	-1	-3.15	18.02	0.063	7.00	Pass
			RB50#0	21.13	-1	-3.15	17.98	0.063	7.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.91	-1	-3.15	19.76	0.095	7.00	Pass
			RB1#38	22.9	-1	-3.15	19.75	0.094	7.00	Pass
			RB1#74	22.81	-1	-3.15	19.66	0.092	7.00	Pass
			RB36#0	22.02	-1	-3.15	18.87	0.077	7.00	Pass
			RB36#19	22.04	-1	-3.15	18.89	0.077	7.00	Pass
			RB36#39	22.05	-1	-3.15	18.90	0.078	7.00	Pass
			RB75#0	21.97	-1	-3.15	18.82	0.076	7.00	Pass
		16-QAM	RB1#0	21.96	-1	-3.15	18.81	0.076	7.00	Pass
			RB1#38	21.83	-1	-3.15	18.68	0.074	7.00	Pass
			RB1#74	21.8	-1	-3.15	18.65	0.073	7.00	Pass
			RB36#0	21.09	-1	-3.15	17.94	0.062	7.00	Pass
			RB36#19	21.01	-1	-3.15	17.86	0.061	7.00	Pass
			RB36#39	21.07	-1	-3.15	17.92	0.062	7.00	Pass
			RB75#0	21.03	-1	-3.15	17.88	0.061	7.00	Pass
	MCH	QPSK	RB1#0	22.91	-1	-3.15	19.76	0.095	7.00	Pass
			RB1#38	22.85	-1	-3.15	19.70	0.093	7.00	Pass
			RB1#74	22.9	-1	-3.15	19.75	0.094	7.00	Pass
			RB36#0	22.02	-1	-3.15	18.87	0.077	7.00	Pass
			RB36#19	22	-1	-3.15	18.85	0.077	7.00	Pass
			RB36#39	22.05	-1	-3.15	18.90	0.078	7.00	Pass
			RB75#0	22.04	-1	-3.15	18.89	0.077	7.00	Pass
		16-QAM	RB1#0	22.35	-1	-3.15	19.20	0.083	7.00	Pass
			RB1#38	22.3	-1	-3.15	19.15	0.082	7.00	Pass
			RB1#74	22.27	-1	-3.15	19.12	0.082	7.00	Pass
			RB36#0	21.1	-1	-3.15	17.95	0.062	7.00	Pass
			RB36#19	21.05	-1	-3.15	17.90	0.062	7.00	Pass
			RB36#39	21.12	-1	-3.15	17.97	0.063	7.00	Pass
			RB75#0	21.03	-1	-3.15	17.88	0.061	7.00	Pass
	HCH	QPSK	RB1#0	22.95	-1	-3.15	19.80	0.095	7.00	Pass
			RB1#38	22.89	-1	-3.15	19.74	0.094	7.00	Pass
			RB1#74	22.79	-1	-3.15	19.64	0.092	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 BAND26 (Part22)										
			RB36#0	22.01	-1	-3.15	18.86	0.077	7.00	Pass
			RB36#19	21.94	-1	-3.15	18.79	0.076	7.00	Pass
			RB36#39	22.04	-1	-3.15	18.89	0.077	7.00	Pass
			RB75#0	21.96	-1	-3.15	18.81	0.076	7.00	Pass
		16-QAM	RB1#0	22.27	-1	-3.15	19.12	0.082	7.00	Pass
			RB1#38	22.26	-1	-3.15	19.11	0.081	7.00	Pass
			RB1#74	22.32	-1	-3.15	19.17	0.083	7.00	Pass
			RB36#0	21.01	-1	-3.15	17.86	0.061	7.00	Pass
			RB36#19	20.96	-1	-3.15	17.81	0.060	7.00	Pass
			RB36#39	21.03	-1	-3.15	17.88	0.061	7.00	Pass
			RB75#0	21.04	-1	-3.15	17.89	0.062	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 BAND26 (Part90)										
1.4 MHz	LCH	QPSK	RB1#0	23.15	-1	-3.15	20.00	0.100	100.0	Pass
			RB1#3	23.22	-1	-3.15	20.07	0.102	100.0	Pass
			RB1#5	23.12	-1	-3.15	19.97	0.099	100.0	Pass
			RB3#0	23.21	-1	-3.15	20.06	0.101	100.0	Pass
			RB3#2	23.23	-1	-3.15	20.08	0.102	100.0	Pass
			RB3#3	23.16	-1	-3.15	20.01	0.100	100.0	Pass
			RB6#0	22.24	-1	-3.15	19.09	0.081	100.0	Pass
		16-QAM	RB1#0	22.39	-1	-3.15	19.24	0.084	100.0	Pass
			RB1#3	22.47	-1	-3.15	19.32	0.086	100.0	Pass
			RB1#5	22.34	-1	-3.15	19.19	0.083	100.0	Pass
			RB3#0	22.31	-1	-3.15	19.16	0.082	100.0	Pass
			RB3#2	22.34	-1	-3.15	19.19	0.083	100.0	Pass
			RB3#3	22.31	-1	-3.15	19.16	0.082	100.0	Pass
			RB6#0	21.38	-1	-3.15	18.23	0.067	100.0	Pass
	MCH	QPSK	RB1#0	23.05	-1	-3.15	19.90	0.098	100.0	Pass
			RB1#3	23.09	-1	-3.15	19.94	0.099	100.0	Pass
			RB1#5	23.04	-1	-3.15	19.89	0.097	100.0	Pass
			RB3#0	23.11	-1	-3.15	19.96	0.099	100.0	Pass
			RB3#2	23.13	-1	-3.15	19.98	0.100	100.0	Pass
			RB3#3	23.09	-1	-3.15	19.94	0.099	100.0	Pass
			RB6#0	22.17	-1	-3.15	19.02	0.080	100.0	Pass
		16-QAM	RB1#0	22.52	-1	-3.15	19.37	0.086	100.0	Pass
			RB1#3	22.49	-1	-3.15	19.34	0.086	100.0	Pass
			RB1#5	22.48	-1	-3.15	19.33	0.086	100.0	Pass
			RB3#0	22.4	-1	-3.15	19.25	0.084	100.0	Pass
			RB3#2	22.33	-1	-3.15	19.18	0.083	100.0	Pass
			RB3#3	22.34	-1	-3.15	19.19	0.083	100.0	Pass
			RB6#0	21.04	-1	-3.15	17.89	0.062	100.0	Pass
	HCH	QPSK	RB1#0	23.07	-1	-3.15	19.92	0.098	100.0	Pass
			RB1#3	23.21	-1	-3.15	20.06	0.101	100.0	Pass
			RB1#5	23.06	-1	-3.15	19.91	0.098	100.0	Pass
			RB3#0	23.12	-1	-3.15	19.97	0.099	100.0	Pass
			RB3#2	23.17	-1	-3.15	20.02	0.100	100.0	Pass
			RB3#3	23.1	-1	-3.15	19.95	0.099	100.0	Pass
			RB6#0	22.12	-1	-3.15	18.97	0.079	100.0	Pass
		16-QAM	RB1#0	22.12	-1	-3.15	18.97	0.079	100.0	Pass
			RB1#3	22.28	-1	-3.15	19.13	0.082	100.0	Pass
			RB1#5	22.13	-1	-3.15	18.98	0.079	100.0	Pass
			RB3#0	22.34	-1	-3.15	19.19	0.083	100.0	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)										
			RB3#2	22.41	-1	-3.15	19.26	0.084	100.0	Pass
			RB3#3	22.34	-1	-3.15	19.19	0.083	100.0	Pass
			RB6#0	21.28	-1	-3.15	18.13	0.065	100.0	Pass
3 MHz	LCH	QPSK	RB1#0	23.27	-1	-3.15	20.12	0.103	100.0	Pass
			RB1#7	23.26	-1	-3.15	20.11	0.103	100.0	Pass
			RB1#14	23.14	-1	-3.15	19.99	0.100	100.0	Pass
			RB8#0	22.33	-1	-3.15	19.18	0.083	100.0	Pass
			RB8#4	22.3	-1	-3.15	19.15	0.082	100.0	Pass
			RB8#7	22.25	-1	-3.15	19.10	0.081	100.0	Pass
			RB15#0	22.31	-1	-3.15	19.16	0.082	100.0	Pass
		16-QAM	RB1#0	22.22	-1	-3.15	19.07	0.081	100.0	Pass
			RB1#7	22.25	-1	-3.15	19.10	0.081	100.0	Pass
			RB1#14	22.11	-1	-3.15	18.96	0.079	100.0	Pass
			RB8#0	21.42	-1	-3.15	18.27	0.067	100.0	Pass
			RB8#4	21.46	-1	-3.15	18.31	0.068	100.0	Pass
			RB8#7	21.36	-1	-3.15	18.21	0.066	100.0	Pass
			RB15#0	21.29	-1	-3.15	18.14	0.065	100.0	Pass
	MCH	QPSK	RB1#0	23.25	-1	-3.15	20.10	0.102	100.0	Pass
			RB1#7	23.23	-1	-3.15	20.08	0.102	100.0	Pass
			RB1#14	23.2	-1	-3.15	20.05	0.101	100.0	Pass
			RB8#0	22.28	-1	-3.15	19.13	0.082	100.0	Pass
			RB8#4	22.23	-1	-3.15	19.08	0.081	100.0	Pass
			RB8#7	22.19	-1	-3.15	19.04	0.080	100.0	Pass
			RB15#0	22.24	-1	-3.15	19.09	0.081	100.0	Pass
		16-QAM	RB1#0	22.62	-1	-3.15	19.47	0.089	100.0	Pass
			RB1#7	22.6	-1	-3.15	19.45	0.088	100.0	Pass
			RB1#14	22.6	-1	-3.15	19.45	0.088	100.0	Pass
			RB8#0	21.27	-1	-3.15	18.12	0.065	100.0	Pass
			RB8#4	21.39	-1	-3.15	18.24	0.067	100.0	Pass
			RB8#7	21.23	-1	-3.15	18.08	0.064	100.0	Pass
			RB15#0	21.29	-1	-3.15	18.14	0.065	100.0	Pass
	HCH	QPSK	RB1#0	23.2	-1	-3.15	20.05	0.101	100.0	Pass
			RB1#7	23.19	-1	-3.15	20.04	0.101	100.0	Pass
			RB1#14	23.15	-1	-3.15	20.00	0.100	100.0	Pass
			RB8#0	22.15	-1	-3.15	19.00	0.079	100.0	Pass
			RB8#4	22.28	-1	-3.15	19.13	0.082	100.0	Pass
			RB8#7	22.14	-1	-3.15	18.99	0.079	100.0	Pass
			RB15#0	22.24	-1	-3.15	19.09	0.081	100.0	Pass
		16-QAM	RB1#0	22.33	-1	-3.15	19.18	0.083	100.0	Pass
			RB1#7	22.29	-1	-3.15	19.14	0.082	100.0	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#14	22.25	-1	-3.15	19.10	0.081	100.0	Pass
			RB8#0	21.2	-1	-3.15	18.05	0.064	100.0	Pass
			RB8#4	21.32	-1	-3.15	18.17	0.066	100.0	Pass
			RB8#7	21.22	-1	-3.15	18.07	0.064	100.0	Pass
			RB15#0	21.19	-1	-3.15	18.04	0.064	100.0	Pass
5 MHz	LCH	QPSK	RB1#0	23.28	-1	-3.15	20.13	0.103	100.0	Pass
			RB1#13	23.28	-1	-3.15	20.13	0.103	100.0	Pass
			RB1#24	23.12	-1	-3.15	19.97	0.099	100.0	Pass
			RB12#0	22.32	-1	-3.15	19.17	0.083	100.0	Pass
			RB12#6	22.29	-1	-3.15	19.14	0.082	100.0	Pass
			RB12#13	22.17	-1	-3.15	19.02	0.080	100.0	Pass
			RB25#0	22.27	-1	-3.15	19.12	0.082	100.0	Pass
		16-QAM	RB1#0	22.57	-1	-3.15	19.42	0.087	100.0	Pass
			RB1#13	22.53	-1	-3.15	19.38	0.087	100.0	Pass
			RB1#24	22.39	-1	-3.15	19.24	0.084	100.0	Pass
			RB12#0	21.39	-1	-3.15	18.24	0.067	100.0	Pass
			RB12#6	21.42	-1	-3.15	18.27	0.067	100.0	Pass
			RB12#13	21.31	-1	-3.15	18.16	0.065	100.0	Pass
			RB25#0	21.34	-1	-3.15	18.19	0.066	100.0	Pass
	MCH	QPSK	RB1#0	23.28	-1	-3.15	20.13	0.103	100.0	Pass
			RB1#13	23.23	-1	-3.15	20.08	0.102	100.0	Pass
			RB1#24	23.17	-1	-3.15	20.02	0.100	100.0	Pass
			RB12#0	22.3	-1	-3.15	19.15	0.082	100.0	Pass
			RB12#6	22.26	-1	-3.15	19.11	0.081	100.0	Pass
			RB12#13	22.2	-1	-3.15	19.05	0.080	100.0	Pass
			RB25#0	22.25	-1	-3.15	19.10	0.081	100.0	Pass
		16-QAM	RB1#0	22.85	-1	-3.15	19.70	0.093	100.0	Pass
			RB1#13	22.83	-1	-3.15	19.68	0.093	100.0	Pass
			RB1#24	22.68	-1	-3.15	19.53	0.090	100.0	Pass
			RB12#0	21.43	-1	-3.15	18.28	0.067	100.0	Pass
			RB12#6	21.42	-1	-3.15	18.27	0.067	100.0	Pass
			RB12#13	21.33	-1	-3.15	18.18	0.066	100.0	Pass
			RB25#0	21.32	-1	-3.15	18.17	0.066	100.0	Pass
	HCH	QPSK	RB1#0	23.22	-1	-3.15	20.07	0.102	100.0	Pass
			RB1#13	23.2	-1	-3.15	20.05	0.101	100.0	Pass
			RB1#24	23.17	-1	-3.15	20.02	0.100	100.0	Pass
			RB12#0	22.24	-1	-3.15	19.09	0.081	100.0	Pass
			RB12#6	22.24	-1	-3.15	19.09	0.081	100.0	Pass
			RB12#13	22.22	-1	-3.15	19.07	0.081	100.0	Pass
			RB25#0	22.25	-1	-3.15	19.10	0.081	100.0	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)										
		16-QAM	RB1#0	22.39	-1	-3.15	19.24	0.084	100.0	Pass
			RB1#13	22.42	-1	-3.15	19.27	0.085	100.0	Pass
			RB1#24	22.36	-1	-3.15	19.21	0.083	100.0	Pass
			RB12#0	21.3	-1	-3.15	18.15	0.065	100.0	Pass
			RB12#6	21.36	-1	-3.15	18.21	0.066	100.0	Pass
			RB12#13	21.3	-1	-3.15	18.15	0.065	100.0	Pass
			RB25#0	21.21	-1	-3.15	18.06	0.064	100.0	Pass
10 MHz	MCH	QPSK	RB1#0	23.34	-1	-3.15	20.19	0.104	100.0	Pass
			RB1#25	23.17	-1	-3.15	20.02	0.100	100.0	Pass
			RB1#49	23.19	-1	-3.15	20.04	0.101	100.0	Pass
			RB25#0	22.32	-1	-3.15	19.17	0.083	100.0	Pass
			RB25#13	22.28	-1	-3.15	19.13	0.082	100.0	Pass
			RB25#25	22.16	-1	-3.15	19.01	0.080	100.0	Pass
			RB50#0	22.27	-1	-3.15	19.12	0.082	100.0	Pass
		16-QAM	RB1#0	22.38	-1	-3.15	19.23	0.084	100.0	Pass
			RB1#25	22.1	-1	-3.15	18.95	0.079	100.0	Pass
			RB1#49	22.13	-1	-3.15	18.98	0.079	100.0	Pass
			RB25#0	21.32	-1	-3.15	18.17	0.066	100.0	Pass
			RB25#13	21.35	-1	-3.15	18.20	0.066	100.0	Pass
			RB25#25	21.22	-1	-3.15	18.07	0.064	100.0	Pass
			RB50#0	21.29	-1	-3.15	18.14	0.065	100.0	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	22.99	0	22.99	0.199	2.00	Pass
			RB1#13	23.05	0	23.05	0.202	2.00	Pass
			RB1#24	22.89	0	22.89	0.195	2.00	Pass
			RB12#0	22.04	0	22.04	0.160	2.00	Pass
			RB12#6	22.08	0	22.08	0.161	2.00	Pass
			RB12#13	22.04	0	22.04	0.160	2.00	Pass
			RB25#0	22.03	0	22.03	0.160	2.00	Pass
		16-QAM	RB1#0	22.28	0	22.28	0.169	2.00	Pass
			RB1#13	22.24	0	22.24	0.167	2.00	Pass
			RB1#24	22.29	0	22.29	0.169	2.00	Pass
			RB12#0	21.02	0	21.02	0.126	2.00	Pass
			RB12#6	21.16	0	21.16	0.131	2.00	Pass
			RB12#13	21.06	0	21.06	0.128	2.00	Pass
			RB25#0	21.04	0	21.04	0.127	2.00	Pass
	MCH	QPSK	RB1#0	22.98	0	22.98	0.199	2.00	Pass
			RB1#13	23.1	0	23.10	0.204	2.00	Pass
			RB1#24	23.07	0	23.07	0.203	2.00	Pass
			RB12#0	22	0	22.00	0.158	2.00	Pass
			RB12#6	22.14	0	22.14	0.164	2.00	Pass
			RB12#13	22.06	0	22.06	0.161	2.00	Pass
			RB25#0	22	0	22.00	0.158	2.00	Pass
		16-QAM	RB1#0	22.44	0	22.44	0.175	2.00	Pass
			RB1#13	22.53	0	22.53	0.179	2.00	Pass
			RB1#24	22.41	0	22.41	0.174	2.00	Pass
			RB12#0	21.08	0	21.08	0.128	2.00	Pass
			RB12#6	21.25	0	21.25	0.133	2.00	Pass
			RB12#13	21.23	0	21.23	0.133	2.00	Pass
			RB25#0	21	0	21.00	0.126	2.00	Pass
	HCH	QPSK	RB1#0	23.05	0	23.05	0.202	2.00	Pass
			RB1#13	23.06	0	23.06	0.202	2.00	Pass
			RB1#24	23.04	0	23.04	0.201	2.00	Pass
			RB12#0	22.12	0	22.12	0.163	2.00	Pass
			RB12#6	22.15	0	22.15	0.164	2.00	Pass
			RB12#13	22.1	0	22.10	0.162	2.00	Pass
			RB25#0	22.11	0	22.11	0.163	2.00	Pass
		16-QAM	RB1#0	22.37	0	22.37	0.173	2.00	Pass
			RB1#13	22.33	0	22.33	0.171	2.00	Pass
			RB1#24	22.22	0	22.22	0.167	2.00	Pass
			RB12#0	21.18	0	21.18	0.131	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									
			RB12#6	21.15	0	21.15	0.130	2.00	Pass
			RB12#13	21.15	0	21.15	0.130	2.00	Pass
			RB25#0	21.15	0	21.15	0.130	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.95	0	22.95	0.197	2.00	Pass
			RB1#25	22.9	0	22.90	0.195	2.00	Pass
			RB1#49	22.97	0	22.97	0.198	2.00	Pass
			RB25#0	22.04	0	22.04	0.160	2.00	Pass
			RB25#13	22.05	0	22.05	0.160	2.00	Pass
			RB25#25	22.01	0	22.01	0.159	2.00	Pass
			RB50#0	22.06	0	22.06	0.161	2.00	Pass
		16-QAM	RB1#0	22.29	0	22.29	0.169	2.00	Pass
			RB1#25	22.17	0	22.17	0.165	2.00	Pass
			RB1#49	22.22	0	22.22	0.167	2.00	Pass
			RB25#0	21.04	0	21.04	0.127	2.00	Pass
			RB25#13	21.07	0	21.07	0.128	2.00	Pass
			RB25#25	21.04	0	21.04	0.127	2.00	Pass
			RB50#0	21.05	0	21.05	0.127	2.00	Pass
	MCH	QPSK	RB1#0	23.06	0	23.06	0.202	2.00	Pass
			RB1#25	22.98	0	22.98	0.199	2.00	Pass
			RB1#49	23.01	0	23.01	0.200	2.00	Pass
			RB25#0	22	0	22.00	0.158	2.00	Pass
			RB25#13	22.01	0	22.01	0.159	2.00	Pass
			RB25#25	22.08	0	22.08	0.161	2.00	Pass
			RB50#0	22.01	0	22.01	0.159	2.00	Pass
		16-QAM	RB1#0	22.47	0	22.47	0.177	2.00	Pass
			RB1#25	22.32	0	22.32	0.171	2.00	Pass
			RB1#49	22.46	0	22.46	0.176	2.00	Pass
			RB25#0	21	0	21.00	0.126	2.00	Pass
			RB25#13	21.03	0	21.03	0.127	2.00	Pass
			RB25#25	21.1	0	21.10	0.129	2.00	Pass
			RB50#0	21.03	0	21.03	0.127	2.00	Pass
	HCH	QPSK	RB1#0	23.12	0	23.12	0.205	2.00	Pass
			RB1#25	23.07	0	23.07	0.203	2.00	Pass
			RB1#49	23.03	0	23.03	0.201	2.00	Pass
			RB25#0	22.1	0	22.10	0.162	2.00	Pass
			RB25#13	22.12	0	22.12	0.163	2.00	Pass
			RB25#25	22.15	0	22.15	0.164	2.00	Pass
			RB50#0	22.08	0	22.08	0.161	2.00	Pass
		16-QAM	RB1#0	22.46	0	22.46	0.176	2.00	Pass
			RB1#25	22.47	0	22.47	0.177	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#49	22.46	0	22.46	0.176	2.00	Pass
			RB25#0	21.12	0	21.12	0.129	2.00	Pass
			RB25#13	21.08	0	21.08	0.128	2.00	Pass
			RB25#25	21.16	0	21.16	0.131	2.00	Pass
			RB50#0	21.15	0	21.15	0.130	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.69	0	22.69	0.186	2.00	Pass
			RB1#38	22.66	0	22.66	0.185	2.00	Pass
			RB1#74	22.62	0	22.62	0.183	2.00	Pass
			RB36#0	21.88	0	21.88	0.154	2.00	Pass
			RB36#19	21.85	0	21.85	0.153	2.00	Pass
			RB36#39	21.84	0	21.84	0.153	2.00	Pass
			RB75#0	21.84	0	21.84	0.153	2.00	Pass
		16-QAM	RB1#0	22.08	0	22.08	0.161	2.00	Pass
			RB1#38	22.05	0	22.05	0.160	2.00	Pass
			RB1#74	21.95	0	21.95	0.157	2.00	Pass
			RB36#0	20.91	0	20.91	0.123	2.00	Pass
			RB36#19	20.86	0	20.86	0.122	2.00	Pass
			RB36#39	20.88	0	20.88	0.122	2.00	Pass
			RB75#0	20.9	0	20.90	0.123	2.00	Pass
	MCH	QPSK	RB1#0	22.77	0	22.77	0.189	2.00	Pass
			RB1#38	22.74	0	22.74	0.188	2.00	Pass
			RB1#74	22.69	0	22.69	0.186	2.00	Pass
			RB36#0	21.89	0	21.89	0.155	2.00	Pass
			RB36#19	21.83	0	21.83	0.152	2.00	Pass
			RB36#39	21.87	0	21.87	0.154	2.00	Pass
			RB75#0	21.82	0	21.82	0.152	2.00	Pass
		16-QAM	RB1#0	22.21	0	22.21	0.166	2.00	Pass
			RB1#38	22.18	0	22.18	0.165	2.00	Pass
			RB1#74	22.11	0	22.11	0.163	2.00	Pass
			RB36#0	20.88	0	20.88	0.122	2.00	Pass
			RB36#19	20.81	0	20.81	0.121	2.00	Pass
			RB36#39	20.89	0	20.89	0.123	2.00	Pass
			RB75#0	20.91	0	20.91	0.123	2.00	Pass
	HCH	QPSK	RB1#0	22.97	0	22.97	0.198	2.00	Pass
			RB1#38	22.85	0	22.85	0.193	2.00	Pass
			RB1#74	22.81	0	22.81	0.191	2.00	Pass
			RB36#0	21.92	0	21.92	0.156	2.00	Pass
			RB36#19	21.99	0	21.99	0.158	2.00	Pass
			RB36#39	21.94	0	21.94	0.156	2.00	Pass
			RB75#0	21.87	0	21.87	0.154	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									
		16-QAM	RB1#0	22.24	0	22.24	0.167	2.00	Pass
			RB1#38	22.17	0	22.17	0.165	2.00	Pass
			RB1#74	22.1	0	22.10	0.162	2.00	Pass
			RB36#0	20.95	0	20.95	0.124	2.00	Pass
			RB36#19	21.02	0	21.02	0.126	2.00	Pass
			RB36#39	20.99	0	20.99	0.126	2.00	Pass
			RB75#0	20.88	0	20.88	0.122	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	22.74	0	22.74	0.188	2.00	Pass
			RB1#50	22.77	0	22.77	0.189	2.00	Pass
			RB1#99	22.71	0	22.71	0.187	2.00	Pass
			RB50#0	21.81	0	21.81	0.152	2.00	Pass
			RB50#25	21.87	0	21.87	0.154	2.00	Pass
			RB50#50	21.84	0	21.84	0.153	2.00	Pass
			RB100#0	21.82	0	21.82	0.152	2.00	Pass
		16-QAM	RB1#0	22.08	0	22.08	0.161	2.00	Pass
			RB1#50	22.04	0	22.04	0.160	2.00	Pass
			RB1#99	22.08	0	22.08	0.161	2.00	Pass
			RB50#0	20.78	0	20.78	0.120	2.00	Pass
			RB50#25	20.87	0	20.87	0.122	2.00	Pass
			RB50#50	20.86	0	20.86	0.122	2.00	Pass
			RB100#0	20.88	0	20.88	0.122	2.00	Pass
	MCH	QPSK	RB1#0	22.79	0	22.79	0.190	2.00	Pass
			RB1#50	22.73	0	22.73	0.187	2.00	Pass
			RB1#99	22.68	0	22.68	0.185	2.00	Pass
			RB50#0	21.87	0	21.87	0.154	2.00	Pass
			RB50#25	21.84	0	21.84	0.153	2.00	Pass
			RB50#50	21.9	0	21.90	0.155	2.00	Pass
			RB100#0	21.83	0	21.83	0.152	2.00	Pass
		16-QAM	RB1#0	22.04	0	22.04	0.160	2.00	Pass
			RB1#50	21.96	0	21.96	0.157	2.00	Pass
			RB1#99	21.99	0	21.99	0.158	2.00	Pass
			RB50#0	20.88	0	20.88	0.122	2.00	Pass
			RB50#25	20.88	0	20.88	0.122	2.00	Pass
			RB50#50	20.91	0	20.91	0.123	2.00	Pass
			RB100#0	20.83	0	20.83	0.121	2.00	Pass
	HCH	QPSK	RB1#0	22.97	0	22.97	0.198	2.00	Pass
			RB1#50	22.94	0	22.94	0.197	2.00	Pass
			RB1#99	22.82	0	22.82	0.191	2.00	Pass
			RB50#0	21.95	0	21.95	0.157	2.00	Pass
			RB50#25	22.01	0	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 BAND38									
			RB50#50	21.94	0	21.94	0.156	2.00	Pass
			RB100#0	21.9	0	21.90	0.155	2.00	Pass
		16-QAM	RB1#0	22.4	0	22.40	0.174	2.00	Pass
			RB1#50	22.28	0	22.28	0.169	2.00	Pass
			RB1#99	22.23	0	22.23	0.167	2.00	Pass
			RB50#0	21	0	21.00	0.126	2.00	Pass
			RB50#25	21.06	0	21.06	0.128	2.00	Pass
			RB50#50	21	0	21.00	0.126	2.00	Pass
			RB100#0	20.91	0	20.91	0.123	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	23.07	0	23.07	0.203	2.00	Pass
			RB1#13	23.24	0	23.24	0.211	2.00	Pass
			RB1#24	23.1	0	23.10	0.204	2.00	Pass
			RB12#0	22.18	0	22.18	0.165	2.00	Pass
			RB12#6	22.26	0	22.26	0.168	2.00	Pass
			RB12#13	22.19	0	22.19	0.166	2.00	Pass
			RB25#0	22.18	0	22.18	0.165	2.00	Pass
		16-QAM	RB1#0	22.43	0	22.43	0.175	2.00	Pass
			RB1#13	22.49	0	22.49	0.177	2.00	Pass
			RB1#24	22.47	0	22.47	0.177	2.00	Pass
			RB12#0	21.14	0	21.14	0.130	2.00	Pass
			RB12#6	21.32	0	21.32	0.136	2.00	Pass
			RB12#13	21.24	0	21.24	0.133	2.00	Pass
			RB25#0	21.23	0	21.23	0.133	2.00	Pass
	MCH	QPSK	RB1#0	23.25	0	23.25	0.211	2.00	Pass
			RB1#13	23.25	0	23.25	0.211	2.00	Pass
			RB1#24	23.25	0	23.25	0.211	2.00	Pass
			RB12#0	22.19	0	22.19	0.166	2.00	Pass
			RB12#6	22.28	0	22.28	0.169	2.00	Pass
			RB12#13	22.27	0	22.27	0.169	2.00	Pass
			RB25#0	22.29	0	22.29	0.169	2.00	Pass
		16-QAM	RB1#0	22.57	0	22.57	0.181	2.00	Pass
			RB1#13	22.67	0	22.67	0.185	2.00	Pass
			RB1#24	22.62	0	22.62	0.183	2.00	Pass
			RB12#0	21.32	0	21.32	0.136	2.00	Pass
			RB12#6	21.37	0	21.37	0.137	2.00	Pass
			RB12#13	21.41	0	21.41	0.138	2.00	Pass
			RB25#0	21.29	0	21.29	0.135	2.00	Pass
	HCH	QPSK	RB1#0	23.19	0	23.19	0.208	2.00	Pass
			RB1#13	23.27	0	23.27	0.212	2.00	Pass
			RB1#24	23.18	0	23.18	0.208	2.00	Pass
			RB12#0	22.23	0	22.23	0.167	2.00	Pass
			RB12#6	22.3	0	22.30	0.170	2.00	Pass
			RB12#13	22.27	0	22.27	0.169	2.00	Pass
			RB25#0	22.23	0	22.23	0.167	2.00	Pass
		16-QAM	RB1#0	22.36	0	22.36	0.172	2.00	Pass
			RB1#13	22.37	0	22.37	0.173	2.00	Pass
			RB1#24	22.39	0	22.39	0.173	2.00	Pass
			RB12#0	21.29	0	21.29	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 BAND41									
			RB12#6	21.31	0	21.31	0.135	2.00	Pass
			RB12#13	21.29	0	21.29	0.135	2.00	Pass
			RB25#0	21.28	0	21.28	0.134	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.04	0	23.04	0.201	2.00	Pass
			RB1#25	23.14	0	23.14	0.206	2.00	Pass
			RB1#49	23.08	0	23.08	0.203	2.00	Pass
			RB25#0	22.14	0	22.14	0.164	2.00	Pass
			RB25#13	22.19	0	22.19	0.166	2.00	Pass
			RB25#25	22.2	0	22.20	0.166	2.00	Pass
			RB50#0	22.15	0	22.15	0.164	2.00	Pass
		16-QAM	RB1#0	22.37	0	22.37	0.173	2.00	Pass
			RB1#25	22.39	0	22.39	0.173	2.00	Pass
			RB1#49	22.41	0	22.41	0.174	2.00	Pass
			RB25#0	21.16	0	21.16	0.131	2.00	Pass
			RB25#13	21.22	0	21.22	0.132	2.00	Pass
			RB25#25	21.19	0	21.19	0.132	2.00	Pass
			RB50#0	21.17	0	21.17	0.131	2.00	Pass
	MCH	QPSK	RB1#0	23.21	0	23.21	0.209	2.00	Pass
			RB1#25	23.21	0	23.21	0.209	2.00	Pass
			RB1#49	23.19	0	23.19	0.208	2.00	Pass
			RB25#0	22.21	0	22.21	0.166	2.00	Pass
			RB25#13	22.34	0	22.34	0.171	2.00	Pass
			RB25#25	22.24	0	22.24	0.167	2.00	Pass
			RB50#0	22.3	0	22.30	0.170	2.00	Pass
		16-QAM	RB1#0	22.67	0	22.67	0.185	2.00	Pass
			RB1#25	22.73	0	22.73	0.187	2.00	Pass
			RB1#49	22.67	0	22.67	0.185	2.00	Pass
			RB25#0	21.21	0	21.21	0.132	2.00	Pass
			RB25#13	21.29	0	21.29	0.135	2.00	Pass
			RB25#25	21.21	0	21.21	0.132	2.00	Pass
			RB50#0	21.27	0	21.27	0.134	2.00	Pass
	HCH	QPSK	RB1#0	23.23	0	23.23	0.210	2.00	Pass
			RB1#25	23.17	0	23.17	0.207	2.00	Pass
			RB1#49	23.2	0	23.20	0.209	2.00	Pass
			RB25#0	22.28	0	22.28	0.169	2.00	Pass
			RB25#13	22.31	0	22.31	0.170	2.00	Pass
			RB25#25	22.3	0	22.30	0.170	2.00	Pass
			RB50#0	22.3	0	22.30	0.170	2.00	Pass
		16-QAM	RB1#0	22.62	0	22.62	0.183	2.00	Pass
			RB1#25	22.67	0	22.67	0.185	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#49	22.63	0	22.63	0.183	2.00	Pass
			RB25#0	21.29	0	21.29	0.135	2.00	Pass
			RB25#13	21.32	0	21.32	0.136	2.00	Pass
			RB25#25	21.3	0	21.30	0.135	2.00	Pass
			RB50#0	21.29	0	21.29	0.135	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.84	0	22.84	0.192	2.00	Pass
			RB1#38	22.86	0	22.86	0.193	2.00	Pass
			RB1#74	22.97	0	22.97	0.198	2.00	Pass
			RB36#0	21.94	0	21.94	0.156	2.00	Pass
			RB36#19	22.01	0	22.01	0.159	2.00	Pass
			RB36#39	22.03	0	22.03	0.160	2.00	Pass
			RB75#0	22	0	22.00	0.158	2.00	Pass
		16-QAM	RB1#0	22.21	0	22.21	0.166	2.00	Pass
			RB1#38	22.17	0	22.17	0.165	2.00	Pass
			RB1#74	22.26	0	22.26	0.168	2.00	Pass
			RB36#0	20.98	0	20.98	0.125	2.00	Pass
			RB36#19	21.05	0	21.05	0.127	2.00	Pass
			RB36#39	21.04	0	21.04	0.127	2.00	Pass
			RB75#0	21	0	21.00	0.126	2.00	Pass
	MCH	QPSK	RB1#0	23.02	0	23.02	0.200	2.00	Pass
			RB1#38	22.94	0	22.94	0.197	2.00	Pass
			RB1#74	23.06	0	23.06	0.202	2.00	Pass
			RB36#0	22.05	0	22.05	0.160	2.00	Pass
			RB36#19	22.1	0	22.10	0.162	2.00	Pass
			RB36#39	22.12	0	22.12	0.163	2.00	Pass
			RB75#0	22.13	0	22.13	0.163	2.00	Pass
		16-QAM	RB1#0	22.52	0	22.52	0.179	2.00	Pass
			RB1#38	22.42	0	22.42	0.175	2.00	Pass
			RB1#74	22.51	0	22.51	0.178	2.00	Pass
			RB36#0	21.07	0	21.07	0.128	2.00	Pass
			RB36#19	21.09	0	21.09	0.129	2.00	Pass
			RB36#39	21.12	0	21.12	0.129	2.00	Pass
			RB75#0	21.09	0	21.09	0.129	2.00	Pass
	HCH	QPSK	RB1#0	23.04	0	23.04	0.201	2.00	Pass
			RB1#38	23.06	0	23.06	0.202	2.00	Pass
			RB1#74	23.11	0	23.11	0.205	2.00	Pass
			RB36#0	22.1	0	22.10	0.162	2.00	Pass
			RB36#19	22.14	0	22.14	0.164	2.00	Pass
			RB36#39	22.05	0	22.05	0.160	2.00	Pass
			RB75#0	22.13	0	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 BAND41									
		16-QAM	RB1#0	22.41	0	22.41	0.174	2.00	Pass
			RB1#38	22.39	0	22.39	0.173	2.00	Pass
			RB1#74	22.45	0	22.45	0.176	2.00	Pass
			RB36#0	21.14	0	21.14	0.130	2.00	Pass
			RB36#19	21.19	0	21.19	0.132	2.00	Pass
			RB36#39	21.1	0	21.10	0.129	2.00	Pass
			RB75#0	21.06	0	21.06	0.128	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	22.88	0	22.88	0.194	2.00	Pass
			RB1#50	22.9	0	22.90	0.195	2.00	Pass
			RB1#99	22.86	0	22.86	0.193	2.00	Pass
			RB50#0	21.96	0	21.96	0.157	2.00	Pass
			RB50#25	22.04	0	22.04	0.160	2.00	Pass
			RB50#50	22.01	0	22.01	0.159	2.00	Pass
			RB100#0	22.06	0	22.06	0.161	2.00	Pass
		16-QAM	RB1#0	22.28	0	22.28	0.169	2.00	Pass
			RB1#50	22.22	0	22.22	0.167	2.00	Pass
			RB1#99	22.27	0	22.27	0.169	2.00	Pass
			RB50#0	20.96	0	20.96	0.125	2.00	Pass
			RB50#25	21.04	0	21.04	0.127	2.00	Pass
			RB50#50	21	0	21.00	0.126	2.00	Pass
			RB100#0	21.01	0	21.01	0.126	2.00	Pass
	MCH	QPSK	RB1#0	23.09	0	23.09	0.204	2.00	Pass
			RB1#50	22.95	0	22.95	0.197	2.00	Pass
			RB1#99	23.06	0	23.06	0.202	2.00	Pass
			RB50#0	22.1	0	22.10	0.162	2.00	Pass
			RB50#25	22.16	0	22.16	0.164	2.00	Pass
			RB50#50	22.09	0	22.09	0.162	2.00	Pass
			RB100#0	22.12	0	22.12	0.163	2.00	Pass
		16-QAM	RB1#0	22.28	0	22.28	0.169	2.00	Pass
			RB1#50	22.21	0	22.21	0.166	2.00	Pass
			RB1#99	22.28	0	22.28	0.169	2.00	Pass
			RB50#0	21.05	0	21.05	0.127	2.00	Pass
			RB50#25	21.17	0	21.17	0.131	2.00	Pass
			RB50#50	21.1	0	21.10	0.129	2.00	Pass
			RB100#0	21.16	0	21.16	0.131	2.00	Pass
	HCH	QPSK	RB1#0	23.18	0	23.18	0.208	2.00	Pass
			RB1#50	23.11	0	23.11	0.205	2.00	Pass
			RB1#99	23.26	0	23.26	0.212	2.00	Pass
			RB50#0	22.11	0	22.11	0.163	2.00	Pass
			RB50#25	22.21	0	22.21	0.166	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#50	22.16	0	22.16	0.164	2.00	Pass
			RB100#0	22.1	0	22.10	0.162	2.00	Pass
		16-QAM	RB1#0	22.6	0	22.60	0.182	2.00	Pass
			RB1#50	22.52	0	22.52	0.179	2.00	Pass
			RB1#99	22.61	0	22.61	0.182	2.00	Pass
			RB50#0	21.16	0	21.16	0.131	2.00	Pass
			RB50#25	21.27	0	21.27	0.134	2.00	Pass
			RB50#50	21.22	0	21.22	0.132	2.00	Pass
			RB100#0	21.12	0	21.12	0.129	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	22.5	-0.5	22.00	0.158	1.00	Pass
			RB1#3	22.57	-0.5	22.07	0.161	1.00	Pass
			RB1#5	22.51	-0.5	22.01	0.159	1.00	Pass
			RB3#0	22.49	-0.5	21.99	0.158	1.00	Pass
			RB3#2	22.59	-0.5	22.09	0.162	1.00	Pass
			RB3#3	22.52	-0.5	22.02	0.159	1.00	Pass
			RB6#0	21.57	-0.5	21.07	0.128	1.00	Pass
		16-QAM	RB1#0	21.72	-0.5	21.22	0.132	1.00	Pass
			RB1#3	21.77	-0.5	21.27	0.134	1.00	Pass
			RB1#5	21.69	-0.5	21.19	0.132	1.00	Pass
			RB3#0	21.74	-0.5	21.24	0.133	1.00	Pass
			RB3#2	21.68	-0.5	21.18	0.131	1.00	Pass
			RB3#3	21.62	-0.5	21.12	0.129	1.00	Pass
			RB6#0	20.79	-0.5	20.29	0.107	1.00	Pass
	MCH	QPSK	RB1#0	22.71	-0.5	22.21	0.166	1.00	Pass
			RB1#3	22.73	-0.5	22.23	0.167	1.00	Pass
			RB1#5	22.69	-0.5	22.19	0.166	1.00	Pass
			RB3#0	22.71	-0.5	22.21	0.166	1.00	Pass
			RB3#2	22.78	-0.5	22.28	0.169	1.00	Pass
			RB3#3	22.76	-0.5	22.26	0.168	1.00	Pass
			RB6#0	21.81	-0.5	21.31	0.135	1.00	Pass
		16-QAM	RB1#0	22.34	-0.5	21.84	0.153	1.00	Pass
			RB1#3	22.17	-0.5	21.67	0.147	1.00	Pass
			RB1#5	22.13	-0.5	21.63	0.146	1.00	Pass
			RB3#0	21.97	-0.5	21.47	0.140	1.00	Pass
			RB3#2	22	-0.5	21.50	0.141	1.00	Pass
			RB3#3	21.97	-0.5	21.47	0.140	1.00	Pass
			RB6#0	20.8	-0.5	20.30	0.107	1.00	Pass
	HCH	QPSK	RB1#0	22.62	-0.5	22.12	0.163	1.00	Pass
			RB1#3	22.68	-0.5	22.18	0.165	1.00	Pass
			RB1#5	22.59	-0.5	22.09	0.162	1.00	Pass
			RB3#0	22.62	-0.5	22.12	0.163	1.00	Pass
			RB3#2	22.68	-0.5	22.18	0.165	1.00	Pass
			RB3#3	22.63	-0.5	22.13	0.163	1.00	Pass
			RB6#0	21.69	-0.5	21.19	0.132	1.00	Pass
		16-QAM	RB1#0	21.71	-0.5	21.21	0.132	1.00	Pass
			RB1#3	21.8	-0.5	21.30	0.135	1.00	Pass
			RB1#5	21.65	-0.5	21.15	0.130	1.00	Pass
			RB3#0	21.86	-0.5	21.36	0.137	1.00	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									
			RB3#2	21.91	-0.5	21.41	0.138	1.00	Pass
			RB3#3	21.88	-0.5	21.38	0.137	1.00	Pass
			RB6#0	20.88	-0.5	20.38	0.109	1.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.56	-0.5	22.06	0.161	1.00	Pass
			RB1#7	22.63	-0.5	22.13	0.163	1.00	Pass
			RB1#14	22.55	-0.5	22.05	0.160	1.00	Pass
			RB8#0	21.66	-0.5	21.16	0.131	1.00	Pass
			RB8#4	21.7	-0.5	21.20	0.132	1.00	Pass
			RB8#7	21.66	-0.5	21.16	0.131	1.00	Pass
			RB15#0	21.65	-0.5	21.15	0.130	1.00	Pass
		16-QAM	RB1#0	21.48	-0.5	20.98	0.125	1.00	Pass
			RB1#7	21.66	-0.5	21.16	0.131	1.00	Pass
			RB1#14	21.5	-0.5	21.00	0.126	1.00	Pass
			RB8#0	20.74	-0.5	20.24	0.106	1.00	Pass
			RB8#4	20.78	-0.5	20.28	0.107	1.00	Pass
			RB8#7	20.76	-0.5	20.26	0.106	1.00	Pass
			RB15#0	20.69	-0.5	20.19	0.104	1.00	Pass
	MCH	QPSK	RB1#0	22.81	-0.5	22.31	0.170	1.00	Pass
			RB1#7	22.86	-0.5	22.36	0.172	1.00	Pass
			RB1#14	22.8	-0.5	22.30	0.170	1.00	Pass
			RB8#0	21.84	-0.5	21.34	0.136	1.00	Pass
			RB8#4	21.93	-0.5	21.43	0.139	1.00	Pass
			RB8#7	21.9	-0.5	21.40	0.138	1.00	Pass
			RB15#0	21.81	-0.5	21.31	0.135	1.00	Pass
		16-QAM	RB1#0	22.21	-0.5	21.71	0.148	1.00	Pass
			RB1#7	22.32	-0.5	21.82	0.152	1.00	Pass
			RB1#14	22.21	-0.5	21.71	0.148	1.00	Pass
			RB8#0	20.86	-0.5	20.36	0.109	1.00	Pass
			RB8#4	20.96	-0.5	20.46	0.111	1.00	Pass
			RB8#7	20.95	-0.5	20.45	0.111	1.00	Pass
			RB15#0	20.89	-0.5	20.39	0.109	1.00	Pass
	HCH	QPSK	RB1#0	22.71	-0.5	22.21	0.166	1.00	Pass
			RB1#7	22.71	-0.5	22.21	0.166	1.00	Pass
			RB1#14	22.65	-0.5	22.15	0.164	1.00	Pass
			RB8#0	21.75	-0.5	21.25	0.133	1.00	Pass
			RB8#4	21.83	-0.5	21.33	0.136	1.00	Pass
			RB8#7	21.73	-0.5	21.23	0.133	1.00	Pass
			RB15#0	21.84	-0.5	21.34	0.136	1.00	Pass
		16-QAM	RB1#0	21.86	-0.5	21.36	0.137	1.00	Pass
			RB1#7	21.82	-0.5	21.32	0.136	1.00	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									
			RB1#14	21.8	-0.5	21.30	0.135	1.00	Pass
			RB8#0	20.74	-0.5	20.24	0.106	1.00	Pass
			RB8#4	20.84	-0.5	20.34	0.108	1.00	Pass
			RB8#7	20.85	-0.5	20.35	0.108	1.00	Pass
			RB15#0	20.75	-0.5	20.25	0.106	1.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.57	-0.5	22.07	0.161	1.00	Pass
			RB1#13	22.59	-0.5	22.09	0.162	1.00	Pass
			RB1#24	22.48	-0.5	21.98	0.158	1.00	Pass
			RB12#0	21.6	-0.5	21.10	0.129	1.00	Pass
			RB12#6	21.67	-0.5	21.17	0.131	1.00	Pass
			RB12#13	21.58	-0.5	21.08	0.128	1.00	Pass
			RB25#0	21.66	-0.5	21.16	0.131	1.00	Pass
		16-QAM	RB1#0	21.8	-0.5	21.30	0.135	1.00	Pass
			RB1#13	21.86	-0.5	21.36	0.137	1.00	Pass
			RB1#24	21.79	-0.5	21.29	0.135	1.00	Pass
			RB12#0	20.7	-0.5	20.20	0.105	1.00	Pass
			RB12#6	20.77	-0.5	20.27	0.106	1.00	Pass
			RB12#13	20.73	-0.5	20.23	0.105	1.00	Pass
			RB25#0	20.71	-0.5	20.21	0.105	1.00	Pass
	MCH	QPSK	RB1#0	22.77	-0.5	22.27	0.169	1.00	Pass
			RB1#13	22.85	-0.5	22.35	0.172	1.00	Pass
			RB1#24	22.74	-0.5	22.24	0.167	1.00	Pass
			RB12#0	21.85	-0.5	21.35	0.136	1.00	Pass
			RB12#6	21.89	-0.5	21.39	0.138	1.00	Pass
			RB12#13	21.89	-0.5	21.39	0.138	1.00	Pass
			RB25#0	21.82	-0.5	21.32	0.136	1.00	Pass
		16-QAM	RB1#0	22.32	-0.5	21.82	0.152	1.00	Pass
			RB1#13	22.45	-0.5	21.95	0.157	1.00	Pass
			RB1#24	22.31	-0.5	21.81	0.152	1.00	Pass
			RB12#0	21.01	-0.5	20.51	0.112	1.00	Pass
			RB12#6	21.05	-0.5	20.55	0.114	1.00	Pass
			RB12#13	21.05	-0.5	20.55	0.114	1.00	Pass
			RB25#0	20.9	-0.5	20.40	0.110	1.00	Pass
	HCH	QPSK	RB1#0	22.69	-0.5	22.19	0.166	1.00	Pass
			RB1#13	22.69	-0.5	22.19	0.166	1.00	Pass
			RB1#24	22.66	-0.5	22.16	0.164	1.00	Pass
			RB12#0	21.75	-0.5	21.25	0.133	1.00	Pass
			RB12#6	21.79	-0.5	21.29	0.135	1.00	Pass
			RB12#13	21.78	-0.5	21.28	0.134	1.00	Pass
			RB25#0	21.74	-0.5	21.24	0.133	1.00	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									
		16-QAM	RB1#0	21.96	-0.5	21.46	0.140	1.00	Pass
			RB1#13	22.03	-0.5	21.53	0.142	1.00	Pass
			RB1#24	21.87	-0.5	21.37	0.137	1.00	Pass
			RB12#0	20.82	-0.5	20.32	0.108	1.00	Pass
			RB12#6	20.88	-0.5	20.38	0.109	1.00	Pass
			RB12#13	20.82	-0.5	20.32	0.108	1.00	Pass
			RB25#0	20.72	-0.5	20.22	0.105	1.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.59	-0.5	22.09	0.162	1.00	Pass
			RB1#25	22.56	-0.5	22.06	0.161	1.00	Pass
			RB1#49	22.56	-0.5	22.06	0.161	1.00	Pass
			RB25#0	21.63	-0.5	21.13	0.130	1.00	Pass
			RB25#13	21.66	-0.5	21.16	0.131	1.00	Pass
			RB25#25	21.65	-0.5	21.15	0.130	1.00	Pass
			RB50#0	21.67	-0.5	21.17	0.131	1.00	Pass
		16-QAM	RB1#0	21.63	-0.5	21.13	0.130	1.00	Pass
			RB1#25	21.49	-0.5	20.99	0.126	1.00	Pass
			RB1#49	21.49	-0.5	20.99	0.126	1.00	Pass
			RB25#0	20.7	-0.5	20.20	0.105	1.00	Pass
			RB25#13	20.73	-0.5	20.23	0.105	1.00	Pass
			RB25#25	20.69	-0.5	20.19	0.104	1.00	Pass
			RB50#0	20.64	-0.5	20.14	0.103	1.00	Pass
	MCH	QPSK	RB1#0	22.74	-0.5	22.24	0.167	1.00	Pass
			RB1#25	22.78	-0.5	22.28	0.169	1.00	Pass
			RB1#49	22.71	-0.5	22.21	0.166	1.00	Pass
			RB25#0	21.83	-0.5	21.33	0.136	1.00	Pass
			RB25#13	21.87	-0.5	21.37	0.137	1.00	Pass
			RB25#25	21.86	-0.5	21.36	0.137	1.00	Pass
			RB50#0	21.84	-0.5	21.34	0.136	1.00	Pass
		16-QAM	RB1#0	22.35	-0.5	21.85	0.153	1.00	Pass
			RB1#25	22.33	-0.5	21.83	0.152	1.00	Pass
			RB1#49	22.2	-0.5	21.70	0.148	1.00	Pass
			RB25#0	20.91	-0.5	20.41	0.110	1.00	Pass
			RB25#13	20.92	-0.5	20.42	0.110	1.00	Pass
			RB25#25	20.96	-0.5	20.46	0.111	1.00	Pass
			RB50#0	20.83	-0.5	20.33	0.108	1.00	Pass
	HCH	QPSK	RB1#0	22.63	-0.5	22.13	0.163	1.00	Pass
			RB1#25	22.74	-0.5	22.24	0.167	1.00	Pass
			RB1#49	22.59	-0.5	22.09	0.162	1.00	Pass
			RB25#0	21.71	-0.5	21.21	0.132	1.00	Pass
			RB25#13	21.82	-0.5	21.32	0.136	1.00	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									
			RB25#25	21.78	-0.5	21.28	0.134	1.00	Pass
			RB50#0	21.73	-0.5	21.23	0.133	1.00	Pass
		16-QAM	RB1#0	21.77	-0.5	21.27	0.134	1.00	Pass
			RB1#25	21.72	-0.5	21.22	0.132	1.00	Pass
			RB1#49	21.63	-0.5	21.13	0.130	1.00	Pass
			RB25#0	20.81	-0.5	20.31	0.107	1.00	Pass
			RB25#13	20.9	-0.5	20.40	0.110	1.00	Pass
			RB25#25	20.83	-0.5	20.33	0.108	1.00	Pass
			RB50#0	20.7	-0.5	20.20	0.105	1.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.55	-0.5	22.05	0.160	1.00	Pass
			RB1#38	22.46	-0.5	21.96	0.157	1.00	Pass
			RB1#74	22.44	-0.5	21.94	0.156	1.00	Pass
			RB36#0	21.47	-0.5	20.97	0.125	1.00	Pass
			RB36#19	21.58	-0.5	21.08	0.128	1.00	Pass
			RB36#39	21.56	-0.5	21.06	0.128	1.00	Pass
			RB75#0	21.55	-0.5	21.05	0.127	1.00	Pass
		16-QAM	RB1#0	21.5	-0.5	21.00	0.126	1.00	Pass
			RB1#38	21.43	-0.5	20.93	0.124	1.00	Pass
			RB1#74	21.4	-0.5	20.90	0.123	1.00	Pass
			RB36#0	20.49	-0.5	19.99	0.100	1.00	Pass
			RB36#19	20.6	-0.5	20.10	0.102	1.00	Pass
			RB36#39	20.57	-0.5	20.07	0.102	1.00	Pass
			RB75#0	20.55	-0.5	20.05	0.101	1.00	Pass
	MCH	QPSK	RB1#0	22.59	-0.5	22.09	0.162	1.00	Pass
			RB1#38	22.69	-0.5	22.19	0.166	1.00	Pass
			RB1#74	22.6	-0.5	22.10	0.162	1.00	Pass
			RB36#0	21.69	-0.5	21.19	0.132	1.00	Pass
			RB36#19	21.75	-0.5	21.25	0.133	1.00	Pass
			RB36#39	21.76	-0.5	21.26	0.134	1.00	Pass
			RB75#0	21.68	-0.5	21.18	0.131	1.00	Pass
		16-QAM	RB1#0	22.08	-0.5	21.58	0.144	1.00	Pass
			RB1#38	22.15	-0.5	21.65	0.146	1.00	Pass
			RB1#74	22.05	-0.5	21.55	0.143	1.00	Pass
			RB36#0	20.76	-0.5	20.26	0.106	1.00	Pass
			RB36#19	20.77	-0.5	20.27	0.106	1.00	Pass
			RB36#39	20.83	-0.5	20.33	0.108	1.00	Pass
			RB75#0	20.7	-0.5	20.20	0.105	1.00	Pass
	HCH	QPSK	RB1#0	22.64	-0.5	22.14	0.164	1.00	Pass
			RB1#38	22.56	-0.5	22.06	0.161	1.00	Pass
			RB1#74	22.53	-0.5	22.03	0.160	1.00	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									
			RB36#0	21.59	-0.5	21.09	0.129	1.00	Pass
			RB36#19	21.59	-0.5	21.09	0.129	1.00	Pass
			RB36#39	21.66	-0.5	21.16	0.131	1.00	Pass
			RB75#0	21.59	-0.5	21.09	0.129	1.00	Pass
		16-QAM	RB1#0	22.12	-0.5	21.62	0.145	1.00	Pass
			RB1#38	22.05	-0.5	21.55	0.143	1.00	Pass
			RB1#74	21.94	-0.5	21.44	0.139	1.00	Pass
			RB36#0	20.57	-0.5	20.07	0.102	1.00	Pass
			RB36#19	20.58	-0.5	20.08	0.102	1.00	Pass
			RB36#39	20.63	-0.5	20.13	0.103	1.00	Pass
			RB75#0	20.59	-0.5	20.09	0.102	1.00	Pass
20 MHz	LCH	QPSK	RB1#0	22.52	-0.5	22.02	0.159	1.00	Pass
			RB1#50	22.48	-0.5	21.98	0.158	1.00	Pass
			RB1#99	22.5	-0.5	22.00	0.158	1.00	Pass
			RB50#0	21.47	-0.5	20.97	0.125	1.00	Pass
			RB50#25	21.62	-0.5	21.12	0.129	1.00	Pass
			RB50#50	21.54	-0.5	21.04	0.127	1.00	Pass
			RB100#0	21.58	-0.5	21.08	0.128	1.00	Pass
		16-QAM	RB1#0	21.94	-0.5	21.44	0.139	1.00	Pass
			RB1#50	22.05	-0.5	21.55	0.143	1.00	Pass
			RB1#99	22.08	-0.5	21.58	0.144	1.00	Pass
			RB50#0	20.52	-0.5	20.02	0.100	1.00	Pass
			RB50#25	20.65	-0.5	20.15	0.104	1.00	Pass
			RB50#50	20.63	-0.5	20.13	0.103	1.00	Pass
			RB100#0	20.62	-0.5	20.12	0.103	1.00	Pass
	MCH	QPSK	RB1#0	22.73	-0.5	22.23	0.167	1.00	Pass
			RB1#50	22.75	-0.5	22.25	0.168	1.00	Pass
			RB1#99	22.69	-0.5	22.19	0.166	1.00	Pass
			RB50#0	21.69	-0.5	21.19	0.132	1.00	Pass
			RB50#25	21.75	-0.5	21.25	0.133	1.00	Pass
			RB50#50	21.78	-0.5	21.28	0.134	1.00	Pass
			RB100#0	21.68	-0.5	21.18	0.131	1.00	Pass
		16-QAM	RB1#0	22.12	-0.5	21.62	0.145	1.00	Pass
			RB1#50	22.14	-0.5	21.64	0.146	1.00	Pass
			RB1#99	22.21	-0.5	21.71	0.148	1.00	Pass
			RB50#0	20.73	-0.5	20.23	0.105	1.00	Pass
			RB50#25	20.73	-0.5	20.23	0.105	1.00	Pass
			RB50#50	20.76	-0.5	20.26	0.106	1.00	Pass
			RB100#0	20.68	-0.5	20.18	0.104	1.00	Pass
	HCH	QPSK	RB1#0	22.55	-0.5	22.05	0.160	1.00	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									
			RB1#50	22.54	-0.5	22.04	0.160	1.00	Pass
			RB1#99	22.48	-0.5	21.98	0.158	1.00	Pass
			RB50#0	21.56	-0.5	21.06	0.128	1.00	Pass
			RB50#25	21.66	-0.5	21.16	0.131	1.00	Pass
			RB50#50	21.61	-0.5	21.11	0.129	1.00	Pass
			RB100#0	21.64	-0.5	21.14	0.130	1.00	Pass
		16-QAM	RB1#0	22.01	-0.5	21.51	0.142	1.00	Pass
			RB1#50	21.94	-0.5	21.44	0.139	1.00	Pass
			RB1#99	21.95	-0.5	21.45	0.140	1.00	Pass
			RB50#0	20.58	-0.5	20.08	0.102	1.00	Pass
			RB50#25	20.62	-0.5	20.12	0.103	1.00	Pass
			RB50#50	20.59	-0.5	20.09	0.102	1.00	Pass
			RB100#0	20.62	-0.5	20.12	0.103	1.00	Pass

NR Mode Test Data

Test BW	Test Channel	Test Mode	UL RB Number	UL RB Position	Conducted Output AV Power(dBm)	EIRP (W)	Limit (W)	Verdict
NR Band n41								
20	LCH	PI/2 BPSK	1	1	22.74	0.188	2.000	Pass
		DFT-s-OF	1	49	22.88	0.194	2.000	Pass
		DM	25	12	23.06	0.202	2.000	Pass
		QPSK	1	1	22.73	0.187	2.000	Pass
		DFT-s-OF	1	49	22.94	0.197	2.000	Pass
		DM	25	12	22.97	0.198	2.000	Pass
	MCH	PI/2 BPSK	1	1	22.93	0.196	2.000	Pass
		DFT-s-OF	1	49	23.02	0.200	2.000	Pass
		DM	25	12	23.11	0.205	2.000	Pass
		QPSK	1	1	23.05	0.202	2.000	Pass
		DFT-s-OF	1	49	23.07	0.203	2.000	Pass
		DM	25	12	23.15	0.207	2.000	Pass
	HCH	PI/2 BPSK	1	1	22.99	0.199	2.000	Pass
		DFT-s-OF	1	49	23.05	0.202	2.000	Pass
		DM	25	12	23.04	0.201	2.000	Pass
		QPSK	1	1	22.95	0.197	2.000	Pass
		DFT-s-OF	1	49	23.03	0.201	2.000	Pass
		DM	25	12	22.99	0.199	2.000	Pass
60	LCH	PI/2 BPSK	1	1	22.75	0.188	2.000	Pass
		DFT-s-OF	1	160	23.01	0.200	2.000	Pass
		DM	81	40	22.96	0.198	2.000	Pass
		QPSK	1	1	22.83	0.192	2.000	Pass
		DFT-s-OF	1	160	23.16	0.207	2.000	Pass
		DM	81	40	22.92	0.196	2.000	Pass
	MCH	PI/2 BPSK	1	1	22.73	0.187	2.000	Pass
		DFT-s-OF	1	160	23.17	0.207	2.000	Pass
		DM	81	40	23.07	0.203	2.000	Pass
		QPSK	1	1	22.77	0.189	2.000	Pass
		DFT-s-OF	1	160	23.16	0.207	2.000	Pass
		DM	81	40	23.01	0.200	2.000	Pass
	HCH	PI/2 BPSK	1	1	22.73	0.187	2.000	Pass
		DFT-s-OF	1	160	23.09	0.204	2.000	Pass
		DM	81	40	22.84	0.192	2.000	Pass
		QPSK	1	1	22.86	0.193	2.000	Pass
		DFT-s-OF	1	160	23.09	0.204	2.000	Pass
		DM	81	40	22.88	0.194	2.000	Pass
100	LCH	PI/2 BPSK	1	1	22.68	0.185	2.000	Pass
		DFT-s-OF	1	271	22.78	0.190	2.000	Pass
		DM	135	67	22.83	0.192	2.000	Pass
		QPSK	1	1	22.71	0.187	2.000	Pass
		DFT-s-OF	1	271	22.77	0.189	2.000	Pass

		DM	135	67	22.87	0.194	2.000	Pass
	MCH	PI/2 BPSK	1	1	22.56	0.180	2.000	Pass
		DFT-s-OF	1	271	22.89	0.195	2.000	Pass
		DM	135	67	22.99	0.199	2.000	Pass
		QPSK	1	1	22.69	0.186	2.000	Pass
		DFT-s-OF	1	271	23.06	0.202	2.000	Pass
		DM	135	67	22.91	0.195	2.000	Pass
	HCH	PI/2 BPSK	1	1	22.49	0.177	2.000	Pass
		DFT-s-OF	1	271	23.04	0.201	2.000	Pass
		DM	135	67	22.85	0.193	2.000	Pass
		QPSK	1	1	22.54	0.179	2.000	Pass
		DFT-s-OF	1	271	23.01	0.200	2.000	Pass
		DM	135	67	22.83	0.192	2.000	Pass

Test BW	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	LTE UL RB No.	LTE UL RB Pos.	NR Conducted Output Power (dBm)	LTE Conducted Output Power (dBm)	Total Conducted Output Power (dBm)	EIRP (W)	Limit (W)	Verdict
DC_2A_n41A												
20MHz(LTE) + 20MHz(NR)	LCH	PI/2 BPSK	1	1	1	0	22.96	-0.37	22.98	0.199	2.000	Pass
		DFT-s-OF	1	49	1	99	23.01	-0.34	23.03	0.201	2.000	Pass
		DM	25	12	100	0	23.14	0.18	23.16	0.207	2.000	Pass
		QPSK	1	1	1	0	22.85	-0.42	22.87	0.194	2.000	Pass
		DFT-s-OF	1	49	1	99	23.13	-0.29	23.15	0.207	2.000	Pass
		DM	25	12	100	0	23.23	0.11	23.25	0.211	2.000	Pass
	MCH	PI/2 BPSK	1	1	1	0	22.75	-0.15	22.77	0.189	2.000	Pass
		DFT-s-OF	1	49	1	99	22.76	0.05	22.78	0.190	2.000	Pass
		DM	25	12	100	0	22.78	0.11	22.80	0.191	2.000	Pass
		QPSK	1	1	1	0	22.68	-0.07	22.70	0.186	2.000	Pass
		DFT-s-OF	1	49	1	99	22.79	0.05	22.81	0.191	2.000	Pass
		DM	25	12	100	0	22.69	0.08	22.71	0.187	2.000	Pass
	HCH	PI/2 BPSK	1	1	1	0	22.81	-0.06	22.83	0.192	2.000	Pass
		DFT-s-OF	1	49	1	99	22.99	-0.02	23.01	0.200	2.000	Pass
		DM	25	12	100	0	23.02	0.07	23.04	0.201	2.000	Pass
		QPSK	1	1	1	0	22.94	-0.13	22.96	0.198	2.000	Pass
		DFT-s-OF	1	49	1	99	23.04	0.04	23.06	0.202	2.000	Pass
		DM	25	12	100	0	23.05	0.06	23.07	0.203	2.000	Pass
20MHz(LTE) + 60MHz(NR)	LCH	PI/2 BPSK	1	1	1	0	22.61	-0.44	22.63	0.183	2.000	Pass
		DFT-s-OF	1	160	1	99	22.91	-0.29	22.93	0.196	2.000	Pass
		DM	81	40	100	0	22.68	0.17	22.70	0.186	2.000	Pass
		QPSK	1	1	1	0	22.59	-0.39	22.61	0.182	2.000	Pass
		DFT-s-OF	1	160	1	99	22.81	-0.33	22.83	0.192	2.000	Pass
		DM	81	40	100	0	22.58	0.07	22.60	0.182	2.000	Pass
	MCH	PI/2 BPSK	1	1	1	0	22.02	-0.37	22.04	0.160	2.000	Pass
		DFT-s-OF	1	160	1	99	22.38	-0.22	22.40	0.174	2.000	Pass
		DM	81	40	100	0	22.46	0.12	22.49	0.177	2.000	Pass
		QPSK	1	1	1	0	22.06	-0.31	22.09	0.162	2.000	Pass
		DFT-s-OF	1	160	1	99	22.44	-0.21	22.46	0.176	2.000	Pass
		DM	81	40	100	0	22.47	0.09	22.50	0.178	2.000	Pass
	HCH	PI/2 BPSK	1	1	1	0	22.28	-0.04	22.31	0.170	2.000	Pass
		DFT-s-OF	1	160	1	99	22.59	-0.08	22.61	0.183	2.000	Pass
		DM	81	40	100	0	22.71	0.02	22.73	0.188	2.000	Pass
		QPSK	1	1	1	0	22.32	-0.14	22.34	0.172	2.000	Pass
		DFT-s-OF	1	160	1	99	22.59	-0.08	22.61	0.183	2.000	Pass
		DM	81	40	100	0	22.65	-0.02	22.67	0.185	2.000	Pass
20MHz(LTE) +	LCH	PI/2 BPSK	1	1	1	0	22.29	-0.32	22.31	0.170	2.000	Pass
		DFT-s-OF	1	271	1	99	22.61	-0.19	22.63	0.183	2.000	Pass

100MHz(NR)		DM	135	67	100	0	22.48	0.15	22.51	0.178	2.000	Pass
		QPSK	1	1	1	0	22.49	-0.38	22.51	0.178	2.000	Pass
		DFT-s-OF	1	271	1	99	22.59	-0.17	22.61	0.183	2.000	Pass
		DM	135	67	100	0	22.38	0.14	22.41	0.174	2.000	Pass
	MCH	PI/2 BPSK	1	1	1	0	22.25	-0.29	22.27	0.169	2.000	Pass
		DFT-s-OF	1	271	1	99	22.43	-0.16	22.45	0.176	2.000	Pass
		DM	135	67	100	0	22.36	0.12	22.39	0.173	2.000	Pass
		QPSK	1	1	1	0	22.29	-0.31	22.31	0.170	2.000	Pass
		DFT-s-OF	1	271	1	99	22.59	-0.33	22.61	0.182	2.000	Pass
		DM	135	67	100	0	22.44	0.11	22.47	0.176	2.000	Pass
	HCH	PI/2 BPSK	1	1	1	0	22.28	-0.23	22.30	0.170	2.000	Pass
		DFT-s-OF	1	271	1	99	22.64	-0.28	22.66	0.185	2.000	Pass
		DM	135	67	100	0	22.52	0.19	22.55	0.180	2.000	Pass
		QPSK	1	1	1	0	22.36	-0.28	22.38	0.173	2.000	Pass
		DFT-s-OF	1	271	1	99	22.65	-0.24	22.67	0.185	2.000	Pass
		DM	135	67	100	0	22.52	0.11	22.54	0.180	2.000	Pass

Test BW	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	LTE UL RB No.	LTE UL RB Pos.	NR Conducted Output Power (dBm)	LTE Conducted Output Power (dBm)	Total Conducted Output Power (dBm)	ERP (W)	Limit (W)	Verdict
DC_66A_n41A												
20MHz(LTE) + 20MHz(NR)	LCH	PI/2 BPSK	1	1	1	0	22.66	-0.17	22.68	0.185	2.000	Pass
		DFT-s-OF	1	49	1	99	22.77	-0.14	22.79	0.190	2.000	Pass
		DM	25	12	100	0	22.89	0.13	22.91	0.196	2.000	Pass
		QPSK	1	1	1	0	22.77	-0.09	22.79	0.190	2.000	Pass
		DFT-s-OF	1	49	1	99	22.86	-0.11	22.88	0.194	2.000	Pass
		DM	25	12	100	0	22.82	0.07	22.84	0.192	2.000	Pass
	MCH	PI/2 BPSK	1	1	1	0	22.65	0.04	22.67	0.185	2.000	Pass
		DFT-s-OF	1	49	1	99	22.71	0.12	22.73	0.188	2.000	Pass
		DM	25	12	100	0	22.78	0.05	22.80	0.191	2.000	Pass
		QPSK	1	1	1	0	22.76	-0.07	22.78	0.190	2.000	Pass
		DFT-s-OF	1	49	1	99	22.69	0.12	22.71	0.187	2.000	Pass
		DM	25	12	100	0	22.77	0.05	22.79	0.190	2.000	Pass
	HCH	PI/2 BPSK	1	1	1	0	23.18	-0.23	23.20	0.209	2.000	Pass
		DFT-s-OF	1	49	1	99	23.37	-0.15	23.39	0.218	2.000	Pass
		DM	25	12	100	0	23.38	0.22	23.40	0.219	2.000	Pass
		QPSK	1	1	1	0	23.28	-0.18	23.30	0.214	2.000	Pass
		DFT-s-OF	1	49	1	99	23.37	-0.21	23.39	0.218	2.000	Pass
		DM	25	12	100	0	23.38	0.19	23.40	0.219	2.000	Pass
20MHz(LTE) + 60MHz(NR)	LCH	PI/2 BPSK	1	1	1	0	22.62	-0.11	22.64	0.184	2.000	Pass
		DFT-s-OF	1	160	1	99	22.79	-0.13	22.81	0.191	2.000	Pass
		DM	81	40	100	0	22.73	0.02	22.75	0.189	2.000	Pass
		QPSK	1	1	1	0	22.62	-0.06	22.64	0.184	2.000	Pass
		DFT-s-OF	1	160	1	99	22.78	-0.02	22.80	0.191	2.000	Pass
		DM	81	40	100	0	22.62	-0.01	22.64	0.184	2.000	Pass
	MCH	PI/2 BPSK	1	1	1	0	22.37	-0.12	22.39	0.174	2.000	Pass
		DFT-s-OF	1	160	1	99	22.65	-0.11	22.67	0.185	2.000	Pass
		DM	81	40	100	0	22.59	0.16	22.61	0.183	2.000	Pass
		QPSK	1	1	1	0	22.35	-0.13	22.37	0.173	2.000	Pass
		DFT-s-OF	1	160	1	99	22.67	-0.08	22.69	0.186	2.000	Pass
		DM	81	40	100	0	22.59	0.36	22.62	0.183	2.000	Pass
	HCH	PI/2 BPSK	1	1	1	0	22.58	-0.12	22.60	0.182	2.000	Pass
		DFT-s-OF	1	160	1	99	22.88	-0.27	22.90	0.195	2.000	Pass
		DM	81	40	100	0	22.87	0.24	22.89	0.195	2.000	Pass
		QPSK	1	1	1	0	22.56	-0.09	22.58	0.181	2.000	Pass
		DFT-s-OF	1	160	1	99	22.88	-0.14	22.90	0.195	2.000	Pass
		DM	81	40	100	0	22.77	0.23	22.79	0.190	2.000	Pass
20MHz(LTE) +	LCH	PI/2 BPSK	1	1	1	0	22.29	-0.35	22.31	0.170	2.000	Pass
		DFT-s-OF	1	271	1	99	22.48	-0.15	22.50	0.178	2.000	Pass

100MHz(NR)		DM	135	67	100	0	22.39	0.21	22.42	0.174	2.000	Pass
		QPSK	1	1	1	0	22.32	-0.32	22.34	0.172	2.000	Pass
		DFT-s-OF	1	271	1	99	22.47	-0.23	22.49	0.178	2.000	Pass
		DM	135	67	100	0	22.38	0.21	22.41	0.174	2.000	Pass
	MCH	PI/2 BPSK	1	1	1	0	22.09	-0.24	22.12	0.163	2.000	Pass
		DFT-s-OF	1	271	1	99	22.36	0.04	22.39	0.173	2.000	Pass
		DM	135	67	100	0	22.32	0.28	22.35	0.172	2.000	Pass
		QPSK	1	1	1	0	22.22	-0.05	22.25	0.168	2.000	Pass
		DFT-s-OF	1	271	1	99	22.41	-0.06	22.43	0.175	2.000	Pass
		DM	135	67	100	0	22.28	0.19	22.31	0.170	2.000	Pass
	HCH	PI/2 BPSK	1	1	1	0	22.18	-0.15	22.21	0.166	2.000	Pass
		DFT-s-OF	1	271	1	99	22.56	-0.04	22.58	0.181	2.000	Pass
		DM	135	67	100	0	22.44	0.31	22.47	0.176	2.000	Pass
		QPSK	1	1	1	0	22.19	-0.23	22.21	0.167	2.000	Pass
		DFT-s-OF	1	271	1	99	22.59	-0.18	22.61	0.183	2.000	Pass
		DM	135	67	100	0	22.42	0.31	22.45	0.176	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-SZ2170148-501 Data Part 1.pdf”.

CDMA Mode Test Data

Test Band	Test Channel	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
CDMA BC1	LCH	4.08	13	1.1	Pass
	MCH	4.03	13	2.1	Pass
	HCH	3.94	13	3.1	Pass
EVDO BC1	LCH	4.12	13	4.1	Pass
	MCH	4.17	13	5.1	Pass
	HCH	4.12	13	6.1	Pass
CDMA BC0	LCH	4.03	13	7.1	Pass
	MCH	4.03	13	8.1	Pass
	HCH	4.08	13	9.1	Pass
EVDO BC0	LCH	4.27	13	10.1	Pass
	MCH	4.27	13	11.1	Pass
	HCH	4.27	13	12.1	Pass

WCDMA Mode Test Data

Test Band	Test Channel	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
Band 2	LCH	2.86	13	13.1	Pass
	MCH	2.81	13	13.2	Pass
	HCH	2.81	13	13.3	Pass
Band 4	LCH	2.86	13	14.1	Pass
	MCH	2.81	13	14.2	Pass
	HCH	2.86	13	14.3	Pass
Band 5	LCH	2.86	13	15.1	Pass
	MCH	2.81	13	15.2	Pass
	HCH	2.86	13	15.3	Pass

LTE Mode Test Data

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
LTE Band 2	20 MHz	LCH	QPSK	RB1#0	3.52	13	16.1	Pass
				RB100#0	4.97	13	16.2	Pass
			16-QAM	RB1#0	4.64	13	16.3	Pass
				RB100#0	5.86	13	16.4	Pass
		MCH	QPSK	RB1#0	3.42	13	16.5	Pass
				RB100#0	5.39	13	16.6	Pass
			16-QAM	RB1#0	5.58	13	16.7	Pass
				RB100#0	6.09	13	16.8	Pass
		HCH	QPSK	RB1#0	3.75	13	16.9	Pass
				RB100#0	5.34	13	16.10	Pass
			16-QAM	RB1#0	4.64	13	16.11	Pass
				RB100#0	6.14	13	16.12	Pass
LTE Band 4	20 MHz	LCH	QPSK	RB1#0	3.56	13	17.1	Pass
				RB100#0	5.25	13	17.2	Pass
			16-QAM	RB1#0	5.58	13	17.3	Pass
				RB100#0	6	13	17.4	Pass
		MCH	QPSK	RB1#0	3.37	13	17.5	Pass
				RB100#0	5.3	13	17.6	Pass
			16-QAM	RB1#0	5.2	13	17.7	Pass
				RB100#0	6.09	13	17.8	Pass
		HCH	QPSK	RB1#0	3.28	13	17.9	Pass
				RB100#0	5.2	13	17.10	Pass
			16-QAM	RB1#0	5.25	13	17.11	Pass
				RB100#0	6	13	17.12	Pass
LTE Band 5	10 MHz	LCH	QPSK	RB1#0	3.28	13	18.1	Pass
				RB50#0	5.16	13	18.2	Pass
			16-QAM	RB1#0	5.44	13	18.3	Pass
				RB50#0	5.95	13	18.4	Pass
		MCH	QPSK	RB1#0	3.52	13	18.5	Pass
				RB50#0	5.2	13	18.6	Pass
			16-QAM	RB1#0	5.3	13	18.7	Pass
				RB50#0	5.95	13	18.8	Pass
		HCH	QPSK	RB1#0	3.33	13	18.9	Pass
				RB50#0	5.16	13	18.10	Pass
			16-QAM	RB1#0	5.25	13	18.11	Pass
				RB50#0	6	13	18.12	Pass
LTE Band 7	20 MHz	LCH	QPSK	RB1#0	3.56	13	19.1	Pass
				RB100#0	5.11	13	19.2	Pass
			16-QAM	RB1#0	5.34	13	19.3	Pass
				RB100#0	5.86	13	19.4	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
		MCH	QPSK	RB1#0	3.42	13	19.5	Pass
				RB100#0	5.2	13	19.6	Pass
			16-QAM	RB1#0	5.48	13	19.7	Pass
				RB100#0	5.86	13	19.8	Pass
		HCH	QPSK	RB1#0	3.05	13	19.9	Pass
				RB100#0	5.34	13	19.10	Pass
			16-QAM	RB1#0	4.87	13	19.11	Pass
				RB100#0	6	13	19.12	Pass
LTE Band 12	10 MHz	LCH	QPSK	RB1#0	3.37	13	20.1	Pass
				RB50#0	5.06	13	20.2	Pass
			16-QAM	RB1#0	5.11	13	20.3	Pass
				RB50#0	5.77	13	20.4	Pass
		MCH	QPSK	RB1#0	3.33	13	20.5	Pass
				RB50#0	5.11	13	20.6	Pass
			16-QAM	RB1#0	5.2	13	20.7	Pass
				RB50#0	5.86	13	20.8	Pass
		HCH	QPSK	RB1#0	3.33	13	20.9	Pass
				RB50#0	5.02	13	20.10	Pass
			16-QAM	RB1#0	5.16	13	20.11	Pass
				RB50#0	5.81	13	20.12	Pass
LTE Band 17	10 MHz	LCH	QPSK	RB1#0	3.33	13	21.1	Pass
				RB50#0	5.02	13	21.2	Pass
			16-QAM	RB1#0	5.16	13	21.3	Pass
				RB50#0	5.77	13	21.4	Pass
		MCH	QPSK	RB1#0	3.33	13	21.5	Pass
				RB50#0	5.06	13	21.6	Pass
			16-QAM	RB1#0	5.11	13	21.7	Pass
				RB50#0	5.77	13	21.8	Pass
		HCH	QPSK	RB1#0	3.33	13	21.9	Pass
				RB50#0	5.11	13	21.10	Pass
			16-QAM	RB1#0	5.3	13	21.11	Pass
				RB50#0	5.81	13	21.12	Pass
LTE Band 26 (Part22)	15 MHz	LCH	QPSK	RB1#0	3.28	13	22.1	Pass
				RB75#0	5.2	13	22.2	Pass
			16-QAM	RB1#0	5.06	13	22.3	Pass
				RB75#0	5.91	13	22.4	Pass
		MCH	QPSK	RB1#0	3.37	13	22.5	Pass
				RB75#0	5.34	13	22.6	Pass
			16-QAM	RB1#0	5.25	13	22.7	Pass
				RB75#0	6	13	22.8	Pass
		HCH	QPSK	RB1#0	3.19	13	22.9	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
				RB75#0	5.34	13	22.10	Pass
			16-QAM	RB1#0	4.92	13	22.11	Pass
				RB75#0	6	13	22.12	Pass
LTE Band 26 (Part90)	10 MHz	MCH	QPSK	RB1#0	3.28	13	23.1	Pass
				RB50#0	5.11	13	23.2	Pass
			16-QAM	RB1#0	4.97	13	23.3	Pass
				RB50#0	5.81	13	23.4	Pass
LTE Band 38	20 MHz	LCH	QPSK	RB1#0	7.27	13	24.1	Pass
				RB100#0	8.67	13	24.2	Pass
			16-QAM	RB1#0	9.33	13	24.3	Pass
				RB100#0	9.47	13	24.4	Pass
		MCH	QPSK	RB1#0	7.31	13	24.5	Pass
				RB100#0	8.72	13	24.6	Pass
			16-QAM	RB1#0	8.06	13	24.7	Pass
				RB100#0	9.52	13	24.8	Pass
		HCH	QPSK	RB1#0	7.31	13	24.9	Pass
				RB100#0	8.81	13	24.10	Pass
			16-QAM	RB1#0	8.72	13	24.11	Pass
				RB100#0	9.56	13	24.12	Pass
LTE Band 41	20 MHz	LCH	QPSK	RB1#0	7.22	13	25.1	Pass
				RB100#0	8.77	13	25.2	Pass
			16-QAM	RB1#0	8.77	13	25.3	Pass
				RB100#0	9.56	13	25.4	Pass
		MCH	QPSK	RB1#0	7.31	13	25.5	Pass
				RB100#0	8.81	13	25.6	Pass
			16-QAM	RB1#0	9.05	13	25.7	Pass
				RB100#0	9.56	13	25.8	Pass
		HCH	QPSK	RB1#0	7.41	13	25.9	Pass
				RB100#0	8.81	13	25.10	Pass
			16-QAM	RB1#0	9	13	25.11	Pass
				RB100#0	9.61	13	25.12	Pass
LTE Band 66	20 MHz	LCH	QPSK	RB1#0	3.8	13	26.1	Pass
				RB100#0	5.2	13	26.2	Pass
			16-QAM	RB1#0	6	13	26.3	Pass
				RB100#0	5.95	13	26.4	Pass
		MCH	QPSK	RB1#0	3.52	13	26.5	Pass
				RB100#0	5.2	13	26.6	Pass
			16-QAM	RB1#0	5.62	13	26.7	Pass
				RB100#0	5.95	13	26.8	Pass
		HCH	QPSK	RB1#0	3.28	13	26.9	Pass
				RB100#0	5.25	13	26.10	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
			16-QAM	RB1#0	5.3	13	26.11	Pass
				RB100#0	6	13	26.12	Pass

NR Mode Test Data

Test Band	NR Test Bandwidth	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
n41	100 MHz	LCH	PI/2 BPSK	1	0	10.99	13	27.1	Pass
			DFT-s-OFDM	270	0	10.77	13	27.2	Pass
			QPSK	1	0	11.83	13	27.3	Pass
			DFT-s-OFDM	270	0	11.78	13	27.4	Pass
		MCH	PI/2 BPSK	1	0	10.93	13	27.5	Pass
			DFT-s-OFDM	270	0	11.49	13	27.6	Pass
			QPSK	1	0	11.69	13	27.7	Pass
			DFT-s-OFDM	270	0	11.67	13	27.8	Pass
		HCH	PI/2 BPSK	1	0	10.93	13	27.9	Pass
			DFT-s-OFDM	270	0	11.21	13	27.10	Pass
			QPSK	1	0	11.36	13	27.11	Pass
			DFT-s-OFDM	270	0	12.01	13	27.12	Pass
DC_2A_n41A	20MHz(LTE) + 100MHz(NR)	LCH	PI/2 BPSK	1	0	4.197	13	28.1	Pass
			DFT-s-OFDM	270	0	4.206	13	28.2	Pass
			QPSK	1	0	5.189	13	28.3	Pass
			DFT-s-OFDM	270	0	5.323	13	28.4	Pass
		MCH	PI/2 BPSK	1	0	4.244	13	28.5	Pass
			DFT-s-OFDM	270	0	4.974	13	28.6	Pass
			QPSK	1	0	4.838	13	28.7	Pass
			DFT-s-OFDM	270	0	4.988	13	28.8	Pass
		HCH	PI/2 BPSK	1	0	4.248	13	28.9	Pass
			DFT-s-OFDM	270	0	4.716	13	28.10	Pass
			QPSK	1	0	4.577	13	28.11	Pass
			DFT-s-OFDM	270	0	5.423	13	28.12	Pass
DC_66A_n41A	20MHz(LTE) + 100MHz(NR)	LCH	PI/2 BPSK	1	0	4.174	13	29.1	Pass
			DFT-s-OFDM	270	0	4.298	13	29.2	Pass
			QPSK	1	0	4.363	13	29.3	Pass
			DFT-s-OFDM	270	0	5.363	13	29.4	Pass
		MCH	PI/2 BPSK	1	0	4.088	13	29.5	Pass
			DFT-s-OFDM	270	0	4.985	13	29.6	Pass
			QPSK	1	0	4.333	13	29.7	Pass
			DFT-s-OFDM	270	0	5.139	13	29.8	Pass
		HCH	PI/2 BPSK	1	0	4.268	13	29.9	Pass
			DFT-s-OFDM	270	0	4.718	13	29.10	Pass
			QPSK	1	0	4.598	13	29.11	Pass
			DFT-s-OFDM	270	0	5.350	13	29.12	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-SZ2170148-501 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)	Refer to Plot[Note2]
GSM 850	LCH	0.24	0.31	1.1
	MCH	0.24	0.31	1.2
	HCH	0.25	0.31	1.3
GSM 1900	LCH	0.24	0.31	2.1
	MCH	0.25	0.32	2.2
	HCH	0.24	0.31	2.3
EGPRS 850	LCH	0.25	0.31	3.1
	MCH	0.24	0.31	3.2
	HCH	0.24	0.31	3.3
EGPRS 1900	LCH	0.24	0.3	4.1
	MCH	0.24	0.3	4.2
	HCH	0.24	0.3	4.3
CDMA BC1	LCH	1.27812	1.428483	5.1
	MCH	1.276316	1.432518	6.1
	HCH	1.275361	1.438472	7.1
EVDO BC1	LCH	1.274753	1.439076	8.1
	MCH	1.277316	1.438243	9.1
	HCH	1.274423	1.435304	10.1
CDMA BC0	LCH	1.275805	1.431623	11.1
	MCH	1.274209	1.43657	12.1
	HCH	1.275468	1.43211	13.1
EVDO BC0	LCH	1.273169	1.432958	14.1
	MCH	1.27205	1.434956	15.1
	HCH	1.273822	1.433064	16.1
WCDMA Band 2	LCH	4.15	4.74	17.1
	MCH	4.14	4.75	17.2
	HCH	4.14	4.74	17.3
WCDMA Band 4	LCH	4.15	4.75	18.1
	MCH	4.14	4.74	18.2
	HCH	4.14	4.73	18.3
WCDMA Band 5	LCH	4.14	4.73	19.1
	MCH	4.13	4.73	19.2
	HCH	4.12	4.71	19.3

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)	Refer to Plot[Note2]
Band 2	1.4 MHz	LCH	QPSK	RB6#0	1.08	1.23	20.1
			16-QAM	RB6#0	1.09	1.22	20.2
		MCH	QPSK	RB6#0	1.09	1.22	20.3
			16-QAM	RB6#0	1.08	1.19	20.4
		HCH	QPSK	RB6#0	1.09	1.22	20.5
			16-QAM	RB6#0	1.09	1.23	20.6
	3 MHz	LCH	QPSK	RB15#0	2.7	2.99	20.7
			16-QAM	RB15#0	2.7	3.01	20.8
		MCH	QPSK	RB15#0	2.71	2.99	20.9
			16-QAM	RB15#0	2.69	3.01	20.10
		HCH	QPSK	RB15#0	2.7	3	20.11
			16-QAM	RB15#0	2.7	3.01	20.12
	5 MHz	LCH	QPSK	RB25#0	4.51	4.97	20.13
			16-QAM	RB25#0	4.5	4.95	20.14
		MCH	QPSK	RB25#0	4.5	4.96	20.15
			16-QAM	RB25#0	4.51	4.97	20.16
		HCH	QPSK	RB25#0	4.49	4.94	20.17
			16-QAM	RB25#0	4.5	4.99	20.18
	10 MHz	LCH	QPSK	RB50#0	8.98	9.84	20.19
			16-QAM	RB50#0	8.98	9.79	20.20
		MCH	QPSK	RB50#0	8.98	9.88	20.21
			16-QAM	RB50#0	8.97	9.81	20.22
		HCH	QPSK	RB50#0	8.96	9.81	20.23
			16-QAM	RB50#0	8.95	9.8	20.24
	15 MHz	LCH	QPSK	RB75#0	13.46	14.72	20.25
			16-QAM	RB75#0	13.47	14.76	20.26
		MCH	QPSK	RB75#0	13.43	14.68	20.27
			16-QAM	RB75#0	13.48	14.71	20.28
		HCH	QPSK	RB75#0	13.41	14.66	20.29
			16-QAM	RB75#0	13.45	14.6	20.30
	20 MHz	LCH	QPSK	RB100#0	17.93	19.43	20.31
			16-QAM	RB100#0	17.89	19.46	20.32
		MCH	QPSK	RB100#0	17.94	19.49	20.33
			16-QAM	RB100#0	17.95	19.51	20.34
		HCH	QPSK	RB100#0	17.91	19.66	20.35
			16-QAM	RB100#0	17.91	19.41	20.36

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 4	1.4 MHz	LCH	QPSK	RB6#0	1.08	1.23	21.1
			16-QAM	RB6#0	1.09	1.22	21.2
		MCH	QPSK	RB6#0	1.08	1.23	21.3
			16-QAM	RB6#0	1.08	1.22	21.4
		HCH	QPSK	RB6#0	1.09	1.22	21.5
			16-QAM	RB6#0	1.08	1.24	21.6
	3 MHz	LCH	QPSK	RB15#0	2.7	2.99	21.7
			16-QAM	RB15#0	2.7	3.01	21.8
		MCH	QPSK	RB15#0	2.7	3	21.9
			16-QAM	RB15#0	2.7	3.01	21.10
		HCH	QPSK	RB15#0	2.7	3	21.11
			16-QAM	RB15#0	2.69	3.02	21.12
	5 MHz	LCH	QPSK	RB25#0	4.51	4.97	21.13
			16-QAM	RB25#0	4.5	4.93	21.14
		MCH	QPSK	RB25#0	4.5	4.97	21.15
			16-QAM	RB25#0	4.51	4.96	21.16
		HCH	QPSK	RB25#0	4.5	4.96	21.17
			16-QAM	RB25#0	4.51	4.98	21.18
	10 MHz	LCH	QPSK	RB50#0	8.98	9.88	21.19
			16-QAM	RB50#0	8.98	9.79	21.20
		MCH	QPSK	RB50#0	8.97	9.82	21.21
			16-QAM	RB50#0	8.97	9.79	21.22
		HCH	QPSK	RB50#0	8.98	9.77	21.23
			16-QAM	RB50#0	8.97	9.84	21.24
	15 MHz	LCH	QPSK	RB75#0	13.45	14.66	21.25
			16-QAM	RB75#0	13.46	14.75	21.26
		MCH	QPSK	RB75#0	13.43	14.69	21.27
			16-QAM	RB75#0	13.48	14.77	21.28
		HCH	QPSK	RB75#0	13.45	14.8	21.29
			16-QAM	RB75#0	13.47	14.74	21.30
	20 MHz	LCH	QPSK	RB100#0	17.92	19.51	21.31
			16-QAM	RB100#0	17.87	19.43	21.32
		MCH	QPSK	RB100#0	17.95	19.46	21.33
			16-QAM	RB100#0	17.96	19.59	21.34
		HCH	QPSK	RB100#0	17.97	19.65	21.35
			16-QAM	RB100#0	17.93	19.5	21.36

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 5	1.4 MHz	LCH	QPSK	RB6#0	1.08	1.23	22.1
			16-QAM	RB6#0	1.09	1.23	22.2
		MCH	QPSK	RB6#0	1.09	1.23	22.3
			16-QAM	RB6#0	1.08	1.22	22.4
		HCH	QPSK	RB6#0	1.09	1.21	22.5
			16-QAM	RB6#0	1.08	1.23	22.6
	3 MHz	LCH	QPSK	RB15#0	2.7	2.99	22.7
			16-QAM	RB15#0	2.71	3.01	22.8
		MCH	QPSK	RB15#0	2.7	3	22.9
			16-QAM	RB15#0	2.7	3	22.10
		HCH	QPSK	RB15#0	2.7	3	22.11
			16-QAM	RB15#0	2.69	3.01	22.12
	5 MHz	LCH	QPSK	RB25#0	4.5	4.96	22.13
			16-QAM	RB25#0	4.49	4.93	22.14
		MCH	QPSK	RB25#0	4.49	4.98	22.15
			16-QAM	RB25#0	4.51	4.96	22.16
		HCH	QPSK	RB25#0	4.5	4.93	22.17
			16-QAM	RB25#0	4.5	4.97	22.18
	10 MHz	LCH	QPSK	RB50#0	8.96	9.83	22.19
			16-QAM	RB50#0	8.96	9.76	22.20
		MCH	QPSK	RB50#0	8.96	9.79	22.21
			16-QAM	RB50#0	8.95	9.77	22.22
		HCH	QPSK	RB50#0	8.95	9.77	22.23
			16-QAM	RB50#0	8.96	9.8	22.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 7	5 MHz	LCH	QPSK	RB25#0	4.51	4.96	23.1
			16-QAM	RB25#0	4.5	4.93	23.2
		MCH	QPSK	RB25#0	4.51	4.98	23.3
			16-QAM	RB25#0	4.52	4.98	23.4
		HCH	QPSK	RB25#0	4.49	4.96	23.5
			16-QAM	RB25#0	4.51	4.97	23.6
	10 MHz	LCH	QPSK	RB50#0	8.99	9.87	23.7
			16-QAM	RB50#0	8.98	9.79	23.8
		MCH	QPSK	RB50#0	8.96	9.78	23.9
			16-QAM	RB50#0	8.98	9.82	23.10
		HCH	QPSK	RB50#0	8.99	9.9	23.11
			16-QAM	RB50#0	8.98	9.84	23.12
	15 MHz	LCH	QPSK	RB75#0	13.47	14.77	23.13
			16-QAM	RB75#0	13.44	14.71	23.14
		MCH	QPSK	RB75#0	13.44	14.7	23.15
			16-QAM	RB75#0	13.47	14.71	23.16
		HCH	QPSK	RB75#0	13.45	14.75	23.17
			16-QAM	RB75#0	13.48	14.8	23.18
	20 MHz	LCH	QPSK	RB100#0	17.91	19.38	23.19
			16-QAM	RB100#0	17.97	19.54	23.20
		MCH	QPSK	RB100#0	17.93	19.53	23.21
			16-QAM	RB100#0	17.96	19.49	23.22
		HCH	QPSK	RB100#0	17.97	19.67	23.23
			16-QAM	RB100#0	17.95	19.63	23.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 12	1.4 MHz	LCH	QPSK	RB6#0	1.08	1.23	24.1
			16-QAM	RB6#0	1.09	1.23	24.2
		MCH	QPSK	RB6#0	1.08	1.22	24.3
			16-QAM	RB6#0	1.08	1.21	24.4
		HCH	QPSK	RB6#0	1.09	1.22	24.5
			16-QAM	RB6#0	1.09	1.23	24.6
	3 MHz	LCH	QPSK	RB15#0	2.71	3	24.7
			16-QAM	RB15#0	2.7	3.05	24.8
		MCH	QPSK	RB15#0	2.7	2.99	24.9
			16-QAM	RB15#0	2.7	3.01	24.10
		HCH	QPSK	RB15#0	2.71	3.01	24.11
			16-QAM	RB15#0	2.7	3.02	24.12
	5 MHz	LCH	QPSK	RB25#0	4.51	4.96	24.13
			16-QAM	RB25#0	4.49	4.93	24.14
		MCH	QPSK	RB25#0	4.5	4.95	24.15
			16-QAM	RB25#0	4.5	4.97	24.16
		HCH	QPSK	RB25#0	4.49	4.94	24.17
			16-QAM	RB25#0	4.51	4.98	24.18
	10 MHz	LCH	QPSK	RB50#0	8.97	9.84	24.19
			16-QAM	RB50#0	8.96	9.76	24.20
		MCH	QPSK	RB50#0	8.94	9.76	24.21
			16-QAM	RB50#0	8.95	9.79	24.22
		HCH	QPSK	RB50#0	8.96	9.83	24.23
			16-QAM	RB50#0	8.95	9.82	24.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 17	5 MHz	LCH	QPSK	RB25#0	4.51	4.96	25.1
			16-QAM	RB25#0	4.49	4.98	25.2
		MCH	QPSK	RB25#0	4.5	5	25.3
			16-QAM	RB25#0	4.5	4.96	25.4
		HCH	QPSK	RB25#0	4.49	4.95	25.5
			16-QAM	RB25#0	4.5	4.97	25.6
	10 MHz	LCH	QPSK	RB50#0	8.97	9.83	25.7
			16-QAM	RB50#0	8.96	9.75	25.8
		MCH	QPSK	RB50#0	8.95	9.84	25.9
			16-QAM	RB50#0	8.96	9.8	25.10
		HCH	QPSK	RB50#0	8.96	9.83	25.11
			16-QAM	RB50#0	8.96	9.81	25.12

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 26 (Part22)	1.4 MHz	LCH	QPSK	RB6#0	1.08	1.23	26.1
			16-QAM	RB6#0	1.09	1.24	26.2
		MCH	QPSK	RB6#0	1.08	1.23	26.3
			16-QAM	RB6#0	1.08	1.22	26.4
		HCH	QPSK	RB6#0	1.09	1.22	26.5
			16-QAM	RB6#0	1.09	1.23	26.6
	3 MHz	LCH	QPSK	RB15#0	2.7	3.01	26.7
			16-QAM	RB15#0	2.7	3.03	26.8
		MCH	QPSK	RB15#0	2.7	2.99	26.9
			16-QAM	RB15#0	2.7	3	26.10
		HCH	QPSK	RB15#0	2.7	3	26.11
			16-QAM	RB15#0	2.7	3.02	26.12
	5 MHz	LCH	QPSK	RB25#0	4.51	4.97	26.13
			16-QAM	RB25#0	4.5	4.96	26.14
		MCH	QPSK	RB25#0	4.49	4.98	26.15
			16-QAM	RB25#0	4.51	4.97	26.16
		HCH	QPSK	RB25#0	4.49	4.95	26.17
			16-QAM	RB25#0	4.5	4.98	26.18
	10 MHz	LCH	QPSK	RB50#0	8.97	9.87	26.19
			16-QAM	RB50#0	8.97	9.81	26.20
		MCH	QPSK	RB50#0	8.95	9.76	26.21
			16-QAM	RB50#0	8.96	9.82	26.22
		HCH	QPSK	RB50#0	8.97	9.83	26.23
			16-QAM	RB50#0	8.96	9.8	26.24
	15 MHz	LCH	QPSK	RB75#0	13.44	14.73	26.25
			16-QAM	RB75#0	13.42	14.72	26.26
		MCH	QPSK	RB75#0	13.41	14.66	26.27
			16-QAM	RB75#0	13.45	14.69	26.28
		HCH	QPSK	RB75#0	13.44	14.79	26.29
			16-QAM	RB75#0	13.47	14.73	26.30

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 26 (Part90)	1.4 MHz	LCH	QPSK	RB6#0	1.08	1.23	27.1
			16-QAM	RB6#0	1.09	1.22	27.2
		MCH	QPSK	RB6#0	1.09	1.23	27.3
			16-QAM	RB6#0	1.08	1.23	27.4
		HCH	QPSK	RB6#0	1.09	1.22	27.5
			16-QAM	RB6#0	1.09	1.24	27.6
	3 MHz	LCH	QPSK	RB15#0	2.7	3	27.7
			16-QAM	RB15#0	2.7	3.01	27.8
		MCH	QPSK	RB15#0	2.71	3.01	27.9
			16-QAM	RB15#0	2.7	3	27.10
		HCH	QPSK	RB15#0	2.71	3.02	27.11
			16-QAM	RB15#0	2.7	3.02	27.12
	5 MHz	LCH	QPSK	RB25#0	4.5	4.96	27.13
			16-QAM	RB25#0	4.5	4.95	27.14
		MCH	QPSK	RB25#0	4.5	4.97	27.15
			16-QAM	RB25#0	4.51	4.97	27.16
		HCH	QPSK	RB25#0	4.49	4.95	27.17
			16-QAM	RB25#0	4.5	4.98	27.18
	10 MHz	MCH	QPSK	RB50#0	8.99	9.88	27.19
			16-QAM	RB50#0	8.97	9.81	27.20

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 38	5 MHz	LCH	QPSK	RB25#0	4.5	5.04	28.1
			16-QAM	RB25#0	4.52	5.34	28.2
		MCH	QPSK	RB25#0	4.51	4.98	28.3
			16-QAM	RB25#0	4.5	5.05	28.4
		HCH	QPSK	RB25#0	4.5	5.09	28.5
			16-QAM	RB25#0	4.51	5.18	28.6
	10 MHz	LCH	QPSK	RB50#0	9	10.08	28.7
			16-QAM	RB50#0	9	9.89	28.8
		MCH	QPSK	RB50#0	9	10.17	28.9
			16-QAM	RB50#0	8.97	10.16	28.10
		HCH	QPSK	RB50#0	9.03	10.6	28.11
			16-QAM	RB50#0	8.99	10.62	28.12
	15 MHz	LCH	QPSK	RB75#0	13.51	15.48	28.13
			16-QAM	RB75#0	13.51	15.69	28.14
		MCH	QPSK	RB75#0	13.46	15.53	28.15
			16-QAM	RB75#0	13.54	15.91	28.16
		HCH	QPSK	RB75#0	13.44	15.95	28.17
			16-QAM	RB75#0	13.53	16.04	28.18
	20 MHz	LCH	QPSK	RB100#0	18	19.98	28.19
			16-QAM	RB100#0	17.97	20.96	28.20
		MCH	QPSK	RB100#0	17.94	21.27	28.21
			16-QAM	RB100#0	18	21.52	28.22
		HCH	QPSK	RB100#0	17.96	20.15	28.23
			16-QAM	RB100#0	17.96	20.98	28.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 41	5 MHz	LCH	QPSK	RB25#0	4.51	5.01	29.1
			16-QAM	RB25#0	4.5	5.08	29.2
		MCH	QPSK	RB25#0	4.5	5.09	29.3
			16-QAM	RB25#0	4.52	5.15	29.4
		HCH	QPSK	RB25#0	4.5	5.01	29.5
			16-QAM	RB25#0	4.52	5.33	29.6
	10 MHz	LCH	QPSK	RB50#0	9	10.25	29.7
			16-QAM	RB50#0	8.99	9.91	29.8
		MCH	QPSK	RB50#0	9.01	10.44	29.9
			16-QAM	RB50#0	8.97	10.56	29.10
		HCH	QPSK	RB50#0	9.02	10.42	29.11
			16-QAM	RB50#0	9	10.69	29.12
	15 MHz	LCH	QPSK	RB75#0	13.5	14.95	29.13
			16-QAM	RB75#0	13.49	15.29	29.14
		MCH	QPSK	RB75#0	13.45	15.29	29.15
			16-QAM	RB75#0	13.55	15.91	29.16
		HCH	QPSK	RB75#0	13.45	15.86	29.17
			16-QAM	RB75#0	13.53	15.49	29.18
	20 MHz	LCH	QPSK	RB100#0	18	20.48	29.19
			16-QAM	RB100#0	17.95	20.08	29.20
		MCH	QPSK	RB100#0	17.95	19.92	29.21
			16-QAM	RB100#0	17.98	21.44	29.22
		HCH	QPSK	RB100#0	17.96	20.5	29.23
			16-QAM	RB100#0	17.95	20.53	29.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 66	1.4 MHz	LCH	QPSK	RB6#0	1.08	1.23	30.1
			16-QAM	RB6#0	1.09	1.23	30.2
		MCH	QPSK	RB6#0	1.09	1.23	30.3
			16-QAM	RB6#0	1.08	1.22	30.4
		HCH	QPSK	RB6#0	1.09	1.23	30.5
			16-QAM	RB6#0	1.08	1.23	30.6
	3 MHz	LCH	QPSK	RB15#0	2.71	2.99	30.7
			16-QAM	RB15#0	2.71	3	30.8
		MCH	QPSK	RB15#0	2.7	2.99	30.9
			16-QAM	RB15#0	2.7	3.01	30.10
		HCH	QPSK	RB15#0	2.7	3.02	30.11
			16-QAM	RB15#0	2.7	3.01	30.12
	5 MHz	LCH	QPSK	RB25#0	4.51	4.98	30.13
			16-QAM	RB25#0	4.49	4.96	30.14
		MCH	QPSK	RB25#0	4.49	4.99	30.15
			16-QAM	RB25#0	4.51	4.96	30.16
		HCH	QPSK	RB25#0	4.49	4.95	30.17
			16-QAM	RB25#0	4.5	4.99	30.18
	10 MHz	LCH	QPSK	RB50#0	8.97	9.85	30.19
			16-QAM	RB50#0	8.97	9.81	30.20
		MCH	QPSK	RB50#0	8.97	9.84	30.21
			16-QAM	RB50#0	8.97	9.82	30.22
		HCH	QPSK	RB50#0	8.98	9.87	30.23
			16-QAM	RB50#0	8.97	9.85	30.24
	15 MHz	LCH	QPSK	RB75#0	13.46	14.68	30.25
			16-QAM	RB75#0	13.45	14.71	30.26
		MCH	QPSK	RB75#0	13.44	14.77	30.27
			16-QAM	RB75#0	13.47	14.75	30.28
		HCH	QPSK	RB75#0	13.46	14.76	30.29
			16-QAM	RB75#0	13.48	14.68	30.30
	20 MHz	LCH	QPSK	RB100#0	17.89	19.41	30.31
			16-QAM	RB100#0	17.9	19.56	30.32
		MCH	QPSK	RB100#0	17.94	19.46	30.33
			16-QAM	RB100#0	17.94	19.53	30.34
		HCH	QPSK	RB100#0	17.96	19.67	30.35
			16-QAM	RB100#0	17.96	19.55	30.36

NR Mode Test Data

Test Band	NR Test Bandwidth	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict	Refer to Plot[Note2]
n41	20 MHz	LCH	PI/2 BPSK	50	0	17.88536	19.47735	Pass	31.1
			QPSK	50	0	17.88756	19.32335	Pass	31.2
		MCH	PI/2 BPSK	50	0	17.91417	19.32376	Pass	31.3
			QPSK	50	0	17.91811	19.42733	Pass	31.4
		HCH	PI/2 BPSK	50	0	17.87309	19.29976	Pass	31.5
			QPSK	50	0	17.8961	19.30093	Pass	31.6
	60 MHz	LCH	PI/2 BPSK	162	0	57.72077	60.84638	Pass	31.7
			QPSK	162	0	57.89398	60.73238	Pass	31.8
		MCH	PI/2 BPSK	162	0	57.82628	60.86029	Pass	31.9
			QPSK	162	0	58.00065	60.84636	Pass	31.10
		HCH	PI/2 BPSK	162	0	57.85294	60.90816	Pass	31.11
			QPSK	162	0	58.01367	60.8098	Pass	31.12
	100 MHz	LCH	PI/2 BPSK	270	0	95.9329	99.59423	Pass	31.13
			QPSK	270	0	96.26495	99.61478	Pass	31.14
		MCH	PI/2 BPSK	270	0	96.02471	99.72461	Pass	31.15
			QPSK	270	0	96.32876	99.6467	Pass	31.16
		HCH	PI/2 BPSK	270	0	96.01858	99.7811	Pass	31.17
			QPSK	270	0	96.30197	99.68026	Pass	31.18
DC_2A_n41A	20MHz(LTE)+20MHz(NR)	LCH	PI/2 BPSK	50	0	17.90565	19.30838	Pass	32.1
			QPSK	50	0	17.8852	19.21289	Pass	32.2
		MCH	PI/2 BPSK	50	0	17.8861	19.29634	Pass	32.3
			QPSK	50	0	17.89733	19.35871	Pass	32.4
		HCH	PI/2 BPSK	50	0	17.88325	19.35825	Pass	32.5
			QPSK	50	0	17.90489	19.31131	Pass	32.6
	20MHz(LTE)+60MHz(NR)	LCH	PI/2 BPSK	162	0	57.74639	60.80906	Pass	32.7
			QPSK	162	0	57.91584	60.81174	Pass	32.8
		MCH	PI/2 BPSK	162	0	57.79656	60.90801	Pass	32.9
			QPSK	162	0	57.9698	60.73186	Pass	32.10
		HCH	PI/2 BPSK	162	0	57.84638	60.9081	Pass	32.11
			QPSK	162	0	58.0165	60.80464	Pass	32.12
	20MHz(LTE)+100MHz(NR)	LCH	PI/2 BPSK	270	0	95.97222	99.64525	Pass	32.13
			QPSK	270	0	96.20757	99.55172	Pass	32.14
		MCH	PI/2 BPSK	270	0	96.09468	99.69078	Pass	32.15
			QPSK	270	0	96.34301	99.64075	Pass	32.16
		HCH	PI/2 BPSK	270	0	96.00672	99.75577	Pass	32.17
			QPSK	270	0	96.2814	99.73159	Pass	32.18
DC_66A_n41A	20MHz(LTE)+20MHz(NR)	LCH	PI/2 BPSK	50	0	17.90092	19.31853	Pass	33.1
			QPSK	50	0	17.90596	19.36681	Pass	33.2
		MCH	PI/2 BPSK	50	0	17.88518	19.2898	Pass	33.3

Test Band	NR Test Bandwidth	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict	Refer to Plot[Note2]
			QPSK	50	0	17.89805	19.38037	Pass	33.4
		HCH	PI/2 BPSK	50	0	17.90687	19.37998	Pass	33.5
			QPSK	50	0	17.91411	19.30938	Pass	33.6
	20MHz(LTE) +60MHz(NR)	LCH	PI/2 BPSK	162	0	57.77403	60.826	Pass	33.7
			QPSK	162	0	57.90572	60.80288	Pass	33.8
		MCH	PI/2 BPSK	162	0	57.81929	60.86473	Pass	33.9
			QPSK	162	0	57.9998	60.83056	Pass	33.10
		HCH	PI/2 BPSK	162	0	57.84973	60.91426	Pass	33.11
			QPSK	162	0	58.0159	60.82191	Pass	33.12
	20MHz(LTE) +100MHz(NR)	LCH	PI/2 BPSK	270	0	95.98714	99.65961	Pass	33.13
			QPSK	270	0	96.24098	99.56378	Pass	33.14
		MCH	PI/2 BPSK	270	0	96.07318	99.71983	Pass	33.15
			QPSK	270	0	96.3509	99.64614	Pass	33.16
		HCH	PI/2 BPSK	270	0	95.99461	99.74727	Pass	33.17
			QPSK	270	0	96.27339	99.78355	Pass	33.18

A.4 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)	
3.87	-30	10.33	±2060.5	10.43	±2091.5	11.69	±2122	Pass
	-20	9.94		10.11		12.49		
	-10	12.3		13.82		11.3		
	0	11.88		8.62		11.2		
	10	9.59		10.53		13.85		
	20	12.07		13.43		11.11		
	25	11.2		10.3		11.3		
	30	5.52		11.75		7.14		
	40	4.33		13.72		9.78		
	50	4.78		10.75		9.69		
4.45	25	10.98		6.26		9.1		
3.45	25	7.75		6.88		6.68		

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)	
3.87	-30	-5.33	±4625.5	5.75	±4700.0	-4.16	±4774.5	Pass
	-20	-2.94		4.97		6.88		
	-10	3.91		3.49		-4.07		
	0	-4.97		-7.2		4.97		
	10	-10.65		5.91		-4.29		
	20	-7.62		5.94		5.71		
	25	-5.71		5.91		5		
	30	-7.2		3.45		5.52		
	40	6.52		6.72		3.42		
	50	-4.71		8.98		4.81		
4.45	25	-12.88		9.27		-6.81		
3.45	25	4.97		2.42		6.59		

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)	
3.87	-30	20.82	±2060.5	21.28	±2091.5	20.21	±2122	Pass
	-20	20.28		22.05		19.98		
	-10	21.47		20.57		20.76		
	0	21.44		21.66		21.7		
	10	21.76		21.21		21.31		
	20	20.15		20.7		20.89		
	25	20.21		20.7		22.21		
	30	20.08		19.53		21.57		
	40	20.44		20.79		21.83		
	50	19.47		21.66		21.31		
4.45	25	21.08		21.95		22.02		
3.45	25	18.24		20.37		20.5		

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)	
3.87	-30	15.3	±4625.5	15.69	±4700.0	15.27	±4774.5	Pass
	-20	16.95		14.95		16.47		
	-10	14.72		15.34		18.92		
	0	15.76		15.4		18.4		
	10	14.82		16.05		17.92		
	20	17.85		16.24		17.34		
	25	16.59		16.24		17.11		
	30	15.66		18.44		17.82		
	40	13.66		16.85		16.3		
	50	15.14		14.72		13.88		
4.45	25	13.01		13.95		17.31		
3.45	25	17.92		16.5		19.63		

EGPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	22.31	±2060.5	23.44	±2091.5	24.31	±2122	Pass
	-20	22.47		22.66		22.24		
	-10	22.6		23.12		23.63		
	0	24.21		23.41		23.5		
	10	21.57		23.28		23.37		
	20	23.54		22.37		23.37		
	25	24.63		23.02		22.21		
	30	20.89		21.83		23.47		
	40	21.7		22.66		23.21		
	50	21.92		22.66		22.15		
4.45	25	23.31		24.92		24.41		
3.45	25	23.57		25.18		22.86		

EGPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	22.34	±4625.5	27.73	±4700.0	23.18	±4774.5	Pass
	-20	25.51		29.09		47.04		
	-10	25.25		25.18		25.89		
	0	24.67		23.5		24.86		
	10	24.63		23.63		25.12		
	20	23.37		24.83		29.28		
	25	22.15		27.51		23.89		
	30	23.99		24.44		25.83		
	40	24.47		23.79		25.18		
	50	21.63		26.51		25.47		
4.45	25	22.92		25.6		29.41		
3.45	25	25.51		22.83		25.31		

CDMA BC1

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1851.25 MHz		MCH 1880.00 MHz		HCH 1908.75 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	-9.01	±4628.125	12.89	±4700	3.08	±4771.875	Pass
	-20	-3.88		13.92		-0.07		
	-10	-2.78		-5.49		-6.52		
	0	-12.08		-1.1		-14.79		
	10	-11.21		4.25		6.52		
	20	6.52		10.84		0.81		
	25	-1.25		-1.76		4.1		
	30	2.71		3.88		1.25		
	40	3.3		5.35		-2.12		
	50	-4.47		7.03		-0.88		
4.45	25	-4.32		-4.03		-8.13		
3.45	25	-11.94		3.37		-14.14		

EVDO BC1

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1851.25 MHz		MCH 1880.00 MHz		HCH 1908.75 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	-2.05	±4628.125	-8.64	±4700	3.15	±4771.875	Pass
	-20	1.76		15.97		-12.6		
	-10	-13.84		-6.67		-2.34		
	0	-11.65		-5.27		1.1		
	10	7.54		13.77		-7.25		
	20	-4.32		11.57		1.98		
	25	-14.5		-13.55		11.77		
	30	-4.17		9.38		-7.98		
	40	-14.21		1.39		-12.74		
	50	5.2		8.06		-3.96		
4.45	25	0.51		11.35		-7.25		
3.45	25	-9.74		-4.98		-11.57		

CDMA BC0

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.70 MHz		MCH 836.52 MHz		HCH 848.31 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	1.68	±2061.75	-6.52	±2091.3	6.59	±2120.775	Pass
	-20	0.81		-10.69		1.9		
	-10	7.25		2.42		-2.34		
	0	-20.39		15.09		12.82		
	10	1.61		-0.44		0.95		
	20	-7.69		-7.47		2.05		
	25	-6.59		-0.88		-6.59		
	30	-9.38		-20.21		-6.96		
	40	8.72		1.03		4.32		
	50	3.3		-8.64		9.74		
4.45	25	-1.9		8.35		4.91		
3.45	25	-7.62		-3.88		0.95		

EVDO BC0

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.70 MHz		MCH 836.52 MHz		HCH 848.31 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	11.5	±2061.75	0.15	±2091.3	1.8	±2120.775	Pass
	-20	0.29		-11.65		-9.52		
	-10	7.32		-11.21		15.75		
	0	3.3		-6.08		-7.32		
	10	-0.73		4.03		0.73		
	20	-14.43		5.27		-0.81		
	25	-0.07		-1.98		-3.37		
	30	-9.67		11.21		-7.32		
	40	-3.96		-1.03		-10.55		
	50	7.76		-3		-0.22		
4.45	25	-6.59		-10.62		-17.07		
3.45	25	-8.28		-4.03		-4.1		

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)	
3.87	-30	3.91	±4631	3.85	±4700	2.33	±4769	Pass
	-20	4.04		2.9		2.63		
	-10	2.88		2.78		3.7		
	0	2.41		3.41		3.96		
	10	2.19		3.09		3.83		
	20	3.28		3.55		4.03		
	25	2.69		2.97		2.37		
	30	2.61		3.6		3.83		
	40	2.3		2.63		4.04		
	50	2.96		3.63		3.18		
4.45	25	2.41		3.25		3.47		
3.45	25	3.25		3.83		4.01		

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)	
3.87	-30	1.77	±4281	2.24	±4331	2.06	±4381.5	Pass
	-20	1.34		1.9		2.65		
	-10	1.76		2.08		2.79		
	0	1.31		1.78		3.15		
	10	0.58		2.26		3.39		
	20	0.5		2.27		3.23		
	25	0.73		2.15		3.46		
	30	0.37		1.95		4.2		
	40	0.78		1.62		3.67		
	50	0.47		1.87		4.46		
4.45	25	-0.01		1.55		3.69		
3.45	25	0.46		1.87		4.36		

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)	
3.87	-30	0.15	±2066	0.62	±2091	1.11	±2116.5	Pass
	-20	0.26		0.36		0.99		
	-10	-0.11		0.35		0.65		
	0	0.01		1.21		0.49		
	10	0.75		0.67		0.92		
	20	0.18		0.06		0.79		
	25	-0.19		0.31		0.97		
	30	-0.24		0.48		1.17		
	40	0.05		0.88		1.19		
	50	0.5		0.06		1.03		
4.45	25	-0.41		0.36		0.95		
3.45	25	-0.41		0.05		1.2		

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-0.62	±4700	Pass
	-20	0.44		
	-10	0.07		
	0	-0.2		
	10	-0.66		
	20	-1.46		
	25	-2.07		
	30	-1.67		
	40	-1.66		
	50	-1.04		
4.45	25	-1.17		
3.45	25	-0.87		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-0.64	±4700	Pass
	-20	0.31		
	-10	0.29		
	0	-0.49		
	10	-1.19		
	20	-0.76		
	25	-1.14		
	30	-0.56		
	40	-1.2		
	50	-1.57		
4.45	25	-1.03		
3.45	25	-1.16		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-0.09	±4331.25	Pass
	-20	0.26		
	-10	-0.1		
	0	0.34		
	10	-0.72		
	20	-0.04		
	25	0.51		
	30	0.17		
	40	0.66		
	50	0.29		
4.45	25	-0.09		
3.45	25	-0.44		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-0.76	±4331.25	Pass
	-20	0.11		
	-10	-0.17		
	0	0.66		
	10	1.12		
	20	-0.11		
	25	0.04		
	30	-0.66		
	40	-0.62		
	50	0.31		
4.45	25	0.99		
3.45	25	-2.49		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	0.43	±2091.25	Pass
	-20	-0.23		
	-10	0.1		
	0	0.59		
	10	1.44		
	20	0.59		
	25	0.89		
	30	1.27		
	40	1.4		
	50	1.87		
4.45	25	0.96		
3.45	25	0.99		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	0.62	±2091.25	Pass
	-20	2.13		
	-10	1.79		
	0	0.24		
	10	0.07		
	20	1.47		
	25	2.59		
	30	1.27		
	40	2.19		
	50	1.34		
4.45	25	0.57		
3.45	25	1.43		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	1.73	±6337.5	Pass
	-20	1.37		
	-10	1.13		
	0	1.17		
	10	2.9		
	20	1.34		
	25	2.03		
	30	1.56		
	40	1.79		
	50	1.39		
4.45	25	2.22		
3.45	25	1.42		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	0.19	±6337.5	Pass
	-20	1.36		
	-10	2.65		
	0	0.8		
	10	0.53		
	20	0.57		
	25	2.37		
	30	1.29		
	40	1.73		
	50	1.87		
4.45	25	0.72		
3.45	25	-0.37		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	1	±1768.75	Pass
	-20	0.97		
	-10	1.16		
	0	0.73		
	10	1.69		
	20	0.89		
	25	1.16		
	30	0.97		
	40	0.33		
	50	-0.19		
4.45	25	1.03		
3.45	25	1.33		

LTE Band 12 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	1.02	±1768.75	Pass
	-20	0.43		
	-10	1.12		
	0	0.79		
	10	0.77		
	20	0.73		
	25	1.07		
	30	0.67		
	40	0.23		
	50	1.46		
4.45	25	0.89		
3.45	25	1.69		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	1.09	±1775	Pass
	-20	-0.13		
	-10	0.54		
	0	0.8		
	10	1.16		
	20	0.62		
	25	1.22		
	30	-0.62		
	40	0.34		
	50	0.62		
4.45	25	0.49		
3.45	25	0.8		

LTE Band 17 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	1.22	±1775	Pass
	-20	0.26		
	-10	0.6		
	0	0.31		
	10	0.1		
	20	0.59		
	25	0.94		
	30	0.76		
	40	0.72		
	50	0.67		
4.45	25	1.12		
3.45	25	0.94		

LTE Band 26 (Part22) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	0.47	±2091.25	Pass
	-20	0.44		
	-10	1.52		
	0	2.32		
	10	2.29		
	20	0.77		
	25	0.53		
	30	1.89		
	40	1.77		
	50	2.32		
4.45	25	2.09		
3.45	25	0.33		

LTE Band 26 (Part22) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	0.33	±2091.25	Pass
	-20	1.1		
	-10	0.84		
	0	1.77		
	10	1.92		
	20	1.62		
	25	1		
	30	2.59		
	40	0.37		
	50	1.17		
4.45	25	2		
3.45	25	0		

LTE Band 26 (Part90) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	2.56	±2047.5	Pass
	-20	0.97		
	-10	1.02		
	0	1.26		
	10	1.82		
	20	1.23		
	25	0.29		
	30	2.19		
	40	0.53		
	50	0.31		
4.45	25	1.59		
3.45	25	1.17		

LTE Band 26 (Part90) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	1.04	±2047.5	Pass
	-20	0.82		
	-10	0.1		
	0	1.6		
	10	2.93		
	20	1.53		
	25	0.31		
	30	1.33		
	40	0.37		
	50	0.53		
4.45	25	2.05		
3.45	25	0.74		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-3.66	±6487.5	Pass
	-20	-3.3		
	-10	-5.08		
	0	-3.93		
	10	-5.11		
	20	-3.52		
	25	-4.09		
	30	-3.99		
	40	-3.45		
	50	-3.42		
4.45	25	-2.7		
3.45	25	-3.81		

LTE Band 38 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-2.62	±6487.5	Pass
	-20	-4.48		
	-10	-3.42		
	0	-3.68		
	10	-3.59		
	20	-3.4		
	25	-3.88		
	30	-2.95		
	40	-3.98		
	50	-4.46		
4.45	25	-3.76		
3.45	25	-3.69		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-8.98	±6482.5	Pass
	-20	-8.33		
	-10	-9.84		
	0	-8.01		
	10	-7.68		
	20	-7.87		
	25	-8.24		
	30	-7.58		
	40	-8.73		
	50	-8.51		
4.45	25	-9.16		
3.45	25	-8.57		

LTE Band 41 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-7.65	±6482.5	Pass
	-20	-7.82		
	-10	-7.93		
	0	-7.4		
	10	-6.39		
	20	-7.18		
	25	-7.28		
	30	-7.52		
	40	-7.24		
	50	-7.57		
4.45	25	-8.3		
3.45	25	-7.94		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	1.67	±4362.5	Pass
	-20	2.43		
	-10	2.16		
	0	0.37		
	10	1.93		
	20	0.51		
	25	1.19		
	30	0.47		
	40	1.27		
	50	0.09		
4.45	25	0.64		
3.45	25	0.79		

LTE Band 66 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	1.89	±4362.5	Pass
	-20	0.69		
	-10	1.23		
	0	2.47		
	10	0.59		
	20	1.4		
	25	0.76		
	30	-0.72		
	40	0.09		
	50	-0.94		
4.45	25	0.21		
3.45	25	0.79		

NR Band n41 PI/2 BPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.99 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-3.5	±6482.475	Pass
	-20	-4.9		
	-10	-2.9		
	0	-4.2		
	10	5.1		
	20	-8.5		
	25	-6.6		
	30	5.2		
	40	-1.5		
	50	2.4		
4.45	25	-4.4		
3.45	25	-2.1		

NR Band n41 QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.99 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	4.6	±6482.475	Pass
	-20	-2.7		
	-10	-4.5		
	0	-9.1		
	10	-5.8		
	20	-1.1		
	25	-3.2		
	30	-7.1		
	40	3.5		
	50	-5.4		
4.45	25	-2.9		
3.45	25	5.3		

NR DC_2A_n41A PI/2 BPSK 20 MHz(LTE)+100 MHz(NR)

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-6.6	±6482.475	Pass
	-20	-9.6		
	-10	1.4		
	0	-4.6		
	10	-2.2		
	20	-5.6		
	25	-1.2		
	30	6.8		
	40	-1.1		
	50	1.5		
4.45	25	-9.2		
3.45	25	-8.6		

NR DC_2A_n41A QPSK 20 MHz(LTE)+100 MHz(NR))

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-6.2	±6482.475	Pass
	-20	-9.1		
	-10	-5.9		
	0	-4.2		
	10	-6.4		
	20	-7.3		
	25	-2.8		
	30	-9.6		
	40	-2.8		
	50	2.9		
4.45	25	-3.1		
3.45	25	1.7		

NR DC_66A_n41A PI/2 BPSK 20 MHz(LTE)+100 MHz(NR)

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-2.4	±6482.475	Pass
	-20	-8.3		
	-10	-3.6		
	0	-9.6		
	10	-2.8		
	20	-6.8		
	25	-8.5		
	30	-9.8		
	40	-4.6		
	50	-4.3		
4.45	25	-2.7		
3.45	25	-5.5		

NR DC_66A_n41A QPSK 20 MHz(LTE)+100 MHz(NR)

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-7.9	±6482.475	Pass
	-20	-2.9		
	-10	-5.7		
	0	-5.1		
	10	-9.3		
	20	-7.6		
	25	-7.7		
	30	-3.6		
	40	-4.6		
	50	-5.2		
4.45	25	-4.4		
3.45	25	-8.9		

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 and NR 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-SZ2170148-501 Data Part 3.pdf”.

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Refer to Plot[Note3]	Verdict
GSM 850	LCH	1.1	Pass
	MCH	1.2	Pass
	HCH	1.3	Pass
GSM 1900	LCH	2.1	Pass
	MCH	2.2	Pass
	HCH	2.3	Pass
EGPRS 850	LCH	3.1	Pass
	MCH	3.2	Pass
	HCH	3.3	Pass
EGPRS 1900	LCH	4.1	Pass
	MCH	4.2	Pass
	HCH	4.3	Pass
CDMA BC1	LCH	5.1	Pass
	MCH	6.1	Pass
	HCH	7.1	Pass
EVDO BC1	LCH	8.1	Pass
	MCH	9.1	Pass
	HCH	10.1	Pass
CDMA BC0	LCH	11.1	Pass
	MCH	12.1	Pass
	HCH	13.1	Pass
EVDO BC0	LCH	14.1	Pass
	MCH	15.1	Pass
	HCH	16.1	Pass
WCDMA Band 2	LCH	17.1	Pass
	MCH	17.2	Pass
	HCH	17.3	Pass
WCDMA Band 4	LCH	18.1	Pass
	MCH	18.2	Pass
	HCH	18.3	Pass
WCDMA Band 5	LCH	19.1	Pass
	MCH	19.2	Pass
	HCH	19.3	Pass

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 2	1.4 MHz	LCH	QPSK	RB1#0	20.1	Pass
			16-QAM	RB1#0	20.2	Pass
		MCH	QPSK	RB1#0	20.3	Pass
			16-QAM	RB1#0	20.4	Pass
		HCH	QPSK	RB1#0	20.5	Pass
			16-QAM	RB1#0	20.6	Pass
	3 MHz	LCH	QPSK	RB1#0	20.7	Pass
			16-QAM	RB1#0	20.8	Pass
		MCH	QPSK	RB1#0	20.9	Pass
			16-QAM	RB1#0	20.10	Pass
		HCH	QPSK	RB1#0	20.11	Pass
			16-QAM	RB1#0	20.12	Pass
	5 MHz	LCH	QPSK	RB1#0	20.13	Pass
			16-QAM	RB1#0	20.14	Pass
		MCH	QPSK	RB1#0	20.15	Pass
			16-QAM	RB1#0	20.16	Pass
		HCH	QPSK	RB1#0	20.17	Pass
			16-QAM	RB1#0	20.18	Pass
	10 MHz	LCH	QPSK	RB1#0	20.19	Pass
			16-QAM	RB1#0	20.20	Pass
		MCH	QPSK	RB1#0	20.21	Pass
			16-QAM	RB1#0	20.22	Pass
		HCH	QPSK	RB1#0	20.23	Pass
			16-QAM	RB1#0	20.24	Pass
	15 MHz	LCH	QPSK	RB1#0	20.25	Pass
			16-QAM	RB1#0	20.26	Pass
		MCH	QPSK	RB1#0	20.27	Pass
			16-QAM	RB1#0	20.28	Pass
		HCH	QPSK	RB1#0	20.29	Pass
			16-QAM	RB1#0	20.30	Pass
	20 MHz	LCH	QPSK	RB1#0	20.31	Pass
			16-QAM	RB1#0	20.32	Pass
		MCH	QPSK	RB1#0	20.33	Pass
			16-QAM	RB1#0	20.34	Pass
		HCH	QPSK	RB1#0	20.35	Pass
			16-QAM	RB1#0	20.36	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 4	1.4 MHz	LCH	QPSK	RB1#0	21.1	Pass
			16-QAM	RB1#0	21.2	Pass
		MCH	QPSK	RB1#0	21.3	Pass
			16-QAM	RB1#0	21.4	Pass
		HCH	QPSK	RB1#0	21.5	Pass
			16-QAM	RB1#0	21.6	Pass
	3 MHz	LCH	QPSK	RB1#0	21.7	Pass
			16-QAM	RB1#0	21.8	Pass
		MCH	QPSK	RB1#0	21.9	Pass
			16-QAM	RB1#0	21.10	Pass
		HCH	QPSK	RB1#0	21.11	Pass
			16-QAM	RB1#0	21.12	Pass
	5 MHz	LCH	QPSK	RB1#0	21.13	Pass
			16-QAM	RB1#0	21.14	Pass
		MCH	QPSK	RB1#0	21.15	Pass
			16-QAM	RB1#0	21.16	Pass
		HCH	QPSK	RB1#0	21.17	Pass
			16-QAM	RB1#0	21.18	Pass
	10 MHz	LCH	QPSK	RB1#0	21.19	Pass
			16-QAM	RB1#0	21.20	Pass
		MCH	QPSK	RB1#0	21.21	Pass
			16-QAM	RB1#0	21.22	Pass
		HCH	QPSK	RB1#0	21.23	Pass
			16-QAM	RB1#0	21.24	Pass
	15 MHz	LCH	QPSK	RB1#0	21.25	Pass
			16-QAM	RB1#0	21.26	Pass
		MCH	QPSK	RB1#0	21.27	Pass
			16-QAM	RB1#0	21.28	Pass
		HCH	QPSK	RB1#0	21.29	Pass
			16-QAM	RB1#0	21.30	Pass
	20 MHz	LCH	QPSK	RB1#0	21.31	Pass
			16-QAM	RB1#0	21.32	Pass
		MCH	QPSK	RB1#0	21.33	Pass
			16-QAM	RB1#0	21.34	Pass
		HCH	QPSK	RB1#0	21.35	Pass
			16-QAM	RB1#0	21.36	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 5	1.4 MHz	LCH	QPSK	RB1#0	22.1	Pass
			16-QAM	RB1#0	22.2	Pass
		MCH	QPSK	RB1#0	22.3	Pass
			16-QAM	RB1#0	22.4	Pass
		HCH	QPSK	RB1#0	22.5	Pass
			16-QAM	RB1#0	22.6	Pass
	3 MHz	LCH	QPSK	RB1#0	22.7	Pass
			16-QAM	RB1#0	22.8	Pass
		MCH	QPSK	RB1#0	22.9	Pass
			16-QAM	RB1#0	22.10	Pass
		HCH	QPSK	RB1#0	22.11	Pass
			16-QAM	RB1#0	22.12	Pass
	5 MHz	LCH	QPSK	RB1#0	22.13	Pass
			16-QAM	RB1#0	22.14	Pass
		MCH	QPSK	RB1#0	22.15	Pass
			16-QAM	RB1#0	22.16	Pass
		HCH	QPSK	RB1#0	22.17	Pass
			16-QAM	RB1#0	22.18	Pass
	10 MHz	LCH	QPSK	RB1#0	22.19	Pass
			16-QAM	RB1#0	22.20	Pass
		MCH	QPSK	RB1#0	22.21	Pass
			16-QAM	RB1#0	22.22	Pass
		HCH	QPSK	RB1#0	22.23	Pass
			16-QAM	RB1#0	22.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 7	5 MHz	LCH	QPSK	RB1#0	23.1	Pass
			16-QAM	RB1#0	23.2	Pass
		MCH	QPSK	RB1#0	23.3	Pass
			16-QAM	RB1#0	23.4	Pass
		HCH	QPSK	RB1#0	23.5	Pass
			16-QAM	RB1#0	23.6	Pass
	10 MHz	LCH	QPSK	RB1#0	23.7	Pass
			16-QAM	RB1#0	23.8	Pass
		MCH	QPSK	RB1#0	23.9	Pass
			16-QAM	RB1#0	23.10	Pass
		HCH	QPSK	RB1#0	23.11	Pass
			16-QAM	RB1#0	23.12	Pass
	15 MHz	LCH	QPSK	RB1#0	23.13	Pass
			16-QAM	RB1#0	23.14	Pass
		MCH	QPSK	RB1#0	23.15	Pass
			16-QAM	RB1#0	23.16	Pass
		HCH	QPSK	RB1#0	23.17	Pass
			16-QAM	RB1#0	23.18	Pass
	20 MHz	LCH	QPSK	RB1#0	23.19	Pass
			16-QAM	RB1#0	23.20	Pass
		MCH	QPSK	RB1#0	23.21	Pass
			16-QAM	RB1#0	23.22	Pass
		HCH	QPSK	RB1#0	23.23	Pass
			16-QAM	RB1#0	23.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 12	1.4 MHz	LCH	QPSK	RB1#0	24.1	Pass
			16-QAM	RB1#0	24.2	Pass
		MCH	QPSK	RB1#0	24.3	Pass
			16-QAM	RB1#0	24.4	Pass
		HCH	QPSK	RB1#0	24.5	Pass
			16-QAM	RB1#0	24.6	Pass
	3 MHz	LCH	QPSK	RB1#0	24.7	Pass
			16-QAM	RB1#0	24.8	Pass
		MCH	QPSK	RB1#0	24.9	Pass
			16-QAM	RB1#0	24.10	Pass
		HCH	QPSK	RB1#0	24.11	Pass
			16-QAM	RB1#0	24.12	Pass
	5 MHz	LCH	QPSK	RB1#0	24.13	Pass
			16-QAM	RB1#0	24.14	Pass
		MCH	QPSK	RB1#0	24.15	Pass
			16-QAM	RB1#0	24.16	Pass
		HCH	QPSK	RB1#0	24.17	Pass
			16-QAM	RB1#0	24.18	Pass
	10 MHz	LCH	QPSK	RB1#0	24.19	Pass
			16-QAM	RB1#0	24.20	Pass
		MCH	QPSK	RB1#0	24.21	Pass
			16-QAM	RB1#0	24.22	Pass
		HCH	QPSK	RB1#0	24.23	Pass
			16-QAM	RB1#0	24.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 17	5 MHz	LCH	QPSK	RB1#0	25.1	Pass
			16-QAM	RB1#0	25.2	Pass
		MCH	QPSK	RB1#0	25.3	Pass
			16-QAM	RB1#0	25.4	Pass
		HCH	QPSK	RB1#0	25.5	Pass
			16-QAM	RB1#0	25.6	Pass
	10 MHz	LCH	QPSK	RB1#0	25.7	Pass
			16-QAM	RB1#0	25.8	Pass
		MCH	QPSK	RB1#0	25.9	Pass
			16-QAM	RB1#0	25.10	Pass
		HCH	QPSK	RB1#0	25.11	Pass
			16-QAM	RB1#0	25.12	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 26 (Part22)	1.4 MHz	LCH	QPSK	RB1#0	26.1	Pass
			16-QAM	RB1#0	26.2	Pass
		MCH	QPSK	RB1#0	26.3	Pass
			16-QAM	RB1#0	26.4	Pass
		HCH	QPSK	RB1#0	26.5	Pass
			16-QAM	RB1#0	26.6	Pass
	3 MHz	LCH	QPSK	RB1#0	26.7	Pass
			16-QAM	RB1#0	26.8	Pass
		MCH	QPSK	RB1#0	26.9	Pass
			16-QAM	RB1#0	26.10	Pass
		HCH	QPSK	RB1#0	26.11	Pass
			16-QAM	RB1#0	26.12	Pass
	5 MHz	LCH	QPSK	RB1#0	26.13	Pass
			16-QAM	RB1#0	26.14	Pass
		MCH	QPSK	RB1#0	26.15	Pass
			16-QAM	RB1#0	26.16	Pass
		HCH	QPSK	RB1#0	26.17	Pass
			16-QAM	RB1#0	26.18	Pass
	10 MHz	LCH	QPSK	RB1#0	26.19	Pass
			16-QAM	RB1#0	26.20	Pass
		MCH	QPSK	RB1#0	26.21	Pass
			16-QAM	RB1#0	26.22	Pass
		HCH	QPSK	RB1#0	26.23	Pass
			16-QAM	RB1#0	26.24	Pass
	15 MHz	LCH	QPSK	RB1#0	26.25	Pass
			16-QAM	RB1#0	26.26	Pass
		MCH	QPSK	RB1#0	26.27	Pass
			16-QAM	RB1#0	26.28	Pass
		HCH	QPSK	RB1#0	26.29	Pass
			16-QAM	RB1#0	26.30	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 26 (Part90)	1.4 MHz	LCH	QPSK	RB1#0	27.1	Pass
			16-QAM	RB1#0	27.2	Pass
		MCH	QPSK	RB1#0	27.3	Pass
			16-QAM	RB1#0	27.4	Pass
		HCH	QPSK	RB1#0	27.5	Pass
			16-QAM	RB1#0	27.6	Pass
	3 MHz	LCH	QPSK	RB1#0	27.7	Pass
			16-QAM	RB1#0	27.8	Pass
		MCH	QPSK	RB1#0	27.9	Pass
			16-QAM	RB1#0	27.10	Pass
		HCH	QPSK	RB1#0	27.11	Pass
			16-QAM	RB1#0	27.12	Pass
	5 MHz	LCH	QPSK	RB1#0	27.13	Pass
			16-QAM	RB1#0	27.14	Pass
		MCH	QPSK	RB1#0	27.15	Pass
			16-QAM	RB1#0	27.16	Pass
		HCH	QPSK	RB1#0	27.17	Pass
			16-QAM	RB1#0	27.18	Pass
	10 MHz	MCH	QPSK	RB1#0	27.19	Pass
			16-QAM	RB1#0	27.20	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 38	5 MHz	LCH	QPSK	RB1#0	28.1	Pass
			16-QAM	RB1#0	28.2	Pass
		MCH	QPSK	RB1#0	28.3	Pass
			16-QAM	RB1#0	28.4	Pass
		HCH	QPSK	RB1#0	28.5	Pass
			16-QAM	RB1#0	28.6	Pass
	10 MHz	LCH	QPSK	RB1#0	28.7	Pass
			16-QAM	RB1#0	28.8	Pass
		MCH	QPSK	RB1#0	28.9	Pass
			16-QAM	RB1#0	28.10	Pass
		HCH	QPSK	RB1#0	28.11	Pass
			16-QAM	RB1#0	28.12	Pass
	15 MHz	LCH	QPSK	RB1#0	28.13	Pass
			16-QAM	RB1#0	28.14	Pass
		MCH	QPSK	RB1#0	28.15	Pass
			16-QAM	RB1#0	28.16	Pass
		HCH	QPSK	RB1#0	28.17	Pass
			16-QAM	RB1#0	28.18	Pass
	20 MHz	LCH	QPSK	RB1#0	28.19	Pass
			16-QAM	RB1#0	28.20	Pass
		MCH	QPSK	RB1#0	28.21	Pass
			16-QAM	RB1#0	28.22	Pass
		HCH	QPSK	RB1#0	28.23	Pass
			16-QAM	RB1#0	28.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 41	5 MHz	LCH	QPSK	RB1#0	29.1	Pass
			16-QAM	RB1#0	29.2	Pass
		MCH	QPSK	RB1#0	29.3	Pass
			16-QAM	RB1#0	29.4	Pass
		HCH	QPSK	RB1#0	29.5	Pass
			16-QAM	RB1#0	29.6	Pass
	10 MHz	LCH	QPSK	RB1#0	29.7	Pass
			16-QAM	RB1#0	29.8	Pass
		MCH	QPSK	RB1#0	29.9	Pass
			16-QAM	RB1#0	29.10	Pass
		HCH	QPSK	RB1#0	29.11	Pass
			16-QAM	RB1#0	29.12	Pass
	15 MHz	LCH	QPSK	RB1#0	29.13	Pass
			16-QAM	RB1#0	29.14	Pass
		MCH	QPSK	RB1#0	29.15	Pass
			16-QAM	RB1#0	29.16	Pass
		HCH	QPSK	RB1#0	29.17	Pass
			16-QAM	RB1#0	29.18	Pass
	20 MHz	LCH	QPSK	RB1#0	29.19	Pass
			16-QAM	RB1#0	29.20	Pass
		MCH	QPSK	RB1#0	29.21	Pass
			16-QAM	RB1#0	29.22	Pass
		HCH	QPSK	RB1#0	29.23	Pass
			16-QAM	RB1#0	29.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 66	1.4 MHz	LCH	QPSK	RB1#0	30.1	Pass
			16-QAM	RB1#0	30.2	Pass
		MCH	QPSK	RB1#0	30.3	Pass
			16-QAM	RB1#0	30.4	Pass
		HCH	QPSK	RB1#0	30.5	Pass
			16-QAM	RB1#0	30.6	Pass
	3 MHz	LCH	QPSK	RB1#0	30.7	Pass
			16-QAM	RB1#0	30.8	Pass
		MCH	QPSK	RB1#0	30.9	Pass
			16-QAM	RB1#0	30.10	Pass
		HCH	QPSK	RB1#0	30.11	Pass
			16-QAM	RB1#0	30.12	Pass
	5 MHz	LCH	QPSK	RB1#0	30.13	Pass
			16-QAM	RB1#0	30.14	Pass
		MCH	QPSK	RB1#0	30.15	Pass
			16-QAM	RB1#0	30.16	Pass
		HCH	QPSK	RB1#0	30.17	Pass
			16-QAM	RB1#0	30.18	Pass
	10 MHz	LCH	QPSK	RB1#0	30.19	Pass
			16-QAM	RB1#0	30.20	Pass
		MCH	QPSK	RB1#0	30.21	Pass
			16-QAM	RB1#0	30.22	Pass
		HCH	QPSK	RB1#0	30.23	Pass
			16-QAM	RB1#0	30.24	Pass
	15 MHz	LCH	QPSK	RB1#0	30.25	Pass
			16-QAM	RB1#0	30.26	Pass
		MCH	QPSK	RB1#0	30.27	Pass
			16-QAM	RB1#0	30.28	Pass
		HCH	QPSK	RB1#0	30.29	Pass
			16-QAM	RB1#0	30.30	Pass
	20 MHz	LCH	QPSK	RB1#0	30.31	Pass
			16-QAM	RB1#0	30.32	Pass
		MCH	QPSK	RB1#0	30.33	Pass
			16-QAM	RB1#0	30.34	Pass
		HCH	QPSK	RB1#0	30.35	Pass
			16-QAM	RB1#0	30.36	Pass

NR Mode Test Verdict

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n41	20	LCH	PI/2 BPSK	25	12	31.1	Pass
			QPSK	25	12	31.2	Pass
		MCH	PI/2 BPSK	25	12	31.3	Pass
			QPSK	25	12	31.4	Pass
		HCH	PI/2 BPSK	25	12	31.5	Pass
			QPSK	25	12	31.6	Pass
	60	LCH	PI/2 BPSK	81	40	31.7	Pass
			QPSK	81	40	31.8	Pass
		MCH	PI/2 BPSK	81	40	31.9	Pass
			QPSK	81	40	31.10	Pass
		HCH	PI/2 BPSK	81	40	31.11	Pass
			QPSK	81	40	31.12	Pass
	100	LCH	PI/2 BPSK	135	67	31.13	Pass
			QPSK	135	67	31.14	Pass
		MCH	PI/2 BPSK	135	67	31.15	Pass
			QPSK	135	67	31.16	Pass
		HCH	PI/2 BPSK	135	67	31.17	Pass
			QPSK	135	67	31.18	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
DC_2A _n66A	20 MHz(LTE) + 5 MHz(NR)	LCH	PI/2 BPSK	25	12	32.1	Pass
			QPSK	25	12	32.2	Pass
		MCH	PI/2 BPSK	25	12	32.3	Pass
			QPSK	25	12	32.4	Pass
		HCH	PI/2 BPSK	25	12	32.5	Pass
			QPSK	25	12	32.6	Pass
	20 MHz(LTE) + 15 MHz(NR)	LCH	PI/2 BPSK	81	40	32.7	Pass
			QPSK	81	40	32.8	Pass
		MCH	PI/2 BPSK	81	40	32.9	Pass
			QPSK	81	40	32.10	Pass
		HCH	PI/2 BPSK	81	40	32.11	Pass
			QPSK	81	40	32.12	Pass
	20 MHz(LTE) + 20 MHz(NR)	LCH	PI/2 BPSK	135	67	32.13	Pass
			QPSK	135	67	32.14	Pass
		MCH	PI/2 BPSK	135	67	32.15	Pass
			QPSK	135	67	32.16	Pass
		HCH	PI/2 BPSK	135	67	32.17	Pass
			QPSK	135	67	32.18	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
DC_66A_n41A	20 MHz(LTE) + 20 MHz(NR)	LCH	PI/2 BPSK	25	12	33.1	Pass
			QPSK	25	12	33.2	Pass
		MCH	PI/2 BPSK	25	12	33.3	Pass
			QPSK	25	12	33.4	Pass
		HCH	PI/2 BPSK	25	12	33.5	Pass
			QPSK	25	12	33.6	Pass
	20 MHz(LTE) + 60 MHz(NR)	LCH	PI/2 BPSK	81	40	33.7	Pass
			QPSK	81	40	33.8	Pass
		MCH	PI/2 BPSK	81	40	33.9	Pass
			QPSK	81	40	33.10	Pass
		HCH	PI/2 BPSK	81	40	33.11	Pass
			QPSK	81	40	33.12	Pass
	20 MHz(LTE) + 100 MHz(NR)	LCH	PI/2 BPSK	135	67	33.13	Pass
			QPSK	135	67	33.14	Pass
		MCH	PI/2 BPSK	135	67	33.15	Pass
			QPSK	135	67	33.16	Pass
		HCH	PI/2 BPSK	135	67	33.17	Pass
			QPSK	135	67	33.18	Pass

A.6 Band Edge

Note 1: Test plots please refer to the document “Annex No.:BL-SZ2170148-501 Data Part 4.pdf”.

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Refer to Plot[Note1]	Verdict
GSM 850	LCH	1.1	Pass
	HCH	1.2	Pass
GSM 1900	LCH	2.1	Pass
	HCH	2.2	Pass
EGPRS 850	LCH	3.1	Pass
	HCH	3.2	Pass
EGPRS 1900	LCH	4.1	Pass
	HCH	4.2	Pass
CDMA BC1	LCH	5.1	Pass
	HCH	6.1	Pass
EVDO BC1	LCH	7.1	Pass
	HCH	8.1	Pass
CDMA BC0	LCH	9.1	Pass
	HCH	10.1	Pass
EVDO BC0	LCH	11.1	Pass
	HCH	12.1	Pass
WCDMA Band 2	LCH	13.1	Pass
	HCH	13.2	Pass
WCDMA Band 4	LCH	14.1	Pass
	HCH	14.2	Pass
WCDMA Band 5	LCH	15.1	Pass
	HCH	15.2	Pass

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 2	1.4 MHz	LCH	QPSK	RB1#0	16.1	Pass
				RB6#0	16.2	Pass
			16-QAM	RB1#0	16.3	Pass
				RB6#0	16.4	Pass
		HCH	QPSK	RB1#5	16.5	Pass
				RB6#0	16.6	Pass
			16-QAM	RB1#5	16.7	Pass
				RB6#0	16.8	Pass
	3 MHz	LCH	QPSK	RB1#0	16.9	Pass
				RB15#0	16.10	Pass
			16-QAM	RB1#0	16.11	Pass
				RB15#0	16.12	Pass
		HCH	QPSK	RB1#14	16.13	Pass
				RB15#0	16.14	Pass
			16-QAM	RB1#14	16.15	Pass
				RB15#0	16.16	Pass
	5 MHz	LCH	QPSK	RB1#0	16.17	Pass
				RB25#0	16.18	Pass
			16-QAM	RB1#0	16.19	Pass
				RB25#0	16.20	Pass
		HCH	QPSK	RB1#24	16.21	Pass
				RB25#0	16.22	Pass
			16-QAM	RB1#24	16.23	Pass
				RB25#0	16.24	Pass
	10 MHz	LCH	QPSK	RB1#0	16.25	Pass
				RB50#0	16.26	Pass
			16-QAM	RB1#0	16.27	Pass
				RB50#0	16.28	Pass
		HCH	QPSK	RB1#49	16.29	Pass
				RB50#0	16.30	Pass
			16-QAM	RB1#49	16.31	Pass
				RB50#0	16.32	Pass
	15 MHz	LCH	QPSK	RB1#0	16.33	Pass
				RB75#0	16.34	Pass
			16-QAM	RB1#0	16.35	Pass
				RB75#0	16.36	Pass
		HCH	QPSK	RB1#74	16.37	Pass
				RB75#0	16.38	Pass
			16-QAM	RB1#74	16.39	Pass
				RB75#0	16.40	Pass
	20 MHz	LCH	QPSK	RB1#0	16.41	Pass
				RB100#0	16.42	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
			16-QAM	RB1#0	16.43	Pass
				RB100#0	16.44	Pass
		HCH	QPSK	RB1#99	16.45	Pass
				RB100#0	16.46	Pass
			16-QAM	RB1#99	16.47	Pass
				RB100#0	16.48	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 4	1.4 MHz	LCH	QPSK	RB1#0	17.1	Pass
				RB6#0	17.2	Pass
			16-QAM	RB1#0	17.3	Pass
				RB6#0	17.4	Pass
		HCH	QPSK	RB1#5	17.5	Pass
				RB6#0	17.6	Pass
			16-QAM	RB1#5	17.7	Pass
				RB6#0	17.8	Pass
	3 MHz	LCH	QPSK	RB1#0	17.9	Pass
				RB15#0	17.10	Pass
			16-QAM	RB1#0	17.11	Pass
				RB15#0	17.12	Pass
		HCH	QPSK	RB1#14	17.13	Pass
				RB15#0	17.14	Pass
			16-QAM	RB1#14	17.15	Pass
				RB15#0	17.16	Pass
	5 MHz	LCH	QPSK	RB1#0	17.17	Pass
				RB25#0	17.18	Pass
			16-QAM	RB1#0	17.19	Pass
				RB25#0	17.20	Pass
		HCH	QPSK	RB1#24	17.21	Pass
				RB25#0	17.22	Pass
			16-QAM	RB1#24	17.23	Pass
				RB25#0	17.24	Pass
	10 MHz	LCH	QPSK	RB1#0	17.25	Pass
				RB50#0	17.26	Pass
			16-QAM	RB1#0	17.27	Pass
				RB50#0	17.28	Pass
		HCH	QPSK	RB1#49	17.29	Pass
				RB50#0	17.30	Pass
			16-QAM	RB1#49	17.31	Pass
				RB50#0	17.32	Pass
	15 MHz	LCH	QPSK	RB1#0	17.33	Pass
				RB75#0	17.34	Pass
			16-QAM	RB1#0	17.35	Pass
				RB75#0	17.36	Pass
		HCH	QPSK	RB1#74	17.37	Pass
				RB75#0	17.38	Pass
			16-QAM	RB1#74	17.39	Pass
				RB75#0	17.40	Pass
	20 MHz	LCH	QPSK	RB1#0	17.41	Pass
				RB100#0	17.42	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
			16-QAM	RB1#0	17.43	Pass
				RB100#0	17.44	Pass
		HCH	QPSK	RB1#99	17.45	Pass
				RB100#0	17.46	Pass
			16-QAM	RB1#99	17.47	Pass
				RB100#0	17.48	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 5	1.4 MHz	LCH	QPSK	RB1#0	18.1	Pass
				RB6#0	18.2	Pass
			16-QAM	RB1#0	18.3	Pass
				RB6#0	18.4	Pass
		HCH	QPSK	RB1#5	18.5	Pass
				RB6#0	18.6	Pass
			16-QAM	RB1#5	18.7	Pass
				RB6#0	18.8	Pass
	3 MHz	LCH	QPSK	RB1#0	18.9	Pass
				RB15#0	18.10	Pass
			16-QAM	RB1#0	18.11	Pass
				RB15#0	18.12	Pass
		HCH	QPSK	RB1#14	18.13	Pass
				RB15#0	18.14	Pass
			16-QAM	RB1#14	18.15	Pass
				RB15#0	18.16	Pass
	5 MHz	LCH	QPSK	RB1#0	18.17	Pass
				RB25#0	18.18	Pass
			16-QAM	RB1#0	18.19	Pass
				RB25#0	18.20	Pass
		HCH	QPSK	RB1#24	18.21	Pass
				RB25#0	18.22	Pass
			16-QAM	RB1#24	18.23	Pass
				RB25#0	18.24	Pass
	10 MHz	LCH	QPSK	RB1#0	18.25	Pass
				RB50#0	18.26	Pass
			16-QAM	RB1#0	18.27	Pass
				RB50#0	18.28	Pass
		HCH	QPSK	RB1#49	18.29	Pass
				RB50#0	18.30	Pass
			16-QAM	RB1#49	18.31	Pass
				RB50#0	18.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 7	5 MHz	LCH	QPSK	RB1#0	19.1	Pass
				RB25#0	19.2	Pass
			16-QAM	RB1#0	19.3	Pass
				RB25#0	19.4	Pass
		HCH	QPSK	RB1#24	19.5	Pass
				RB25#0	19.6	Pass
			16-QAM	RB1#24	19.7	Pass
				RB25#0	19.8	Pass
	10 MHz	LCH	QPSK	RB1#0	19.9	Pass
				RB50#0	19.10	Pass
			16-QAM	RB1#0	19.11	Pass
				RB50#0	19.12	Pass
		HCH	QPSK	RB1#49	19.13	Pass
				RB50#0	19.14	Pass
			16-QAM	RB1#49	19.15	Pass
				RB50#0	19.16	Pass
	15 MHz	LCH	QPSK	RB1#0	19.17	Pass
				RB75#0	19.18	Pass
			16-QAM	RB1#0	19.19	Pass
				RB75#0	19.20	Pass
		HCH	QPSK	RB1#74	19.21	Pass
				RB75#0	19.22	Pass
			16-QAM	RB1#74	19.23	Pass
				RB75#0	19.24	Pass
	20 MHz	LCH	QPSK	RB1#0	19.25	Pass
				RB100#0	19.26	Pass
			16-QAM	RB1#0	19.27	Pass
				RB100#0	19.28	Pass
		HCH	QPSK	RB1#99	19.29	Pass
				RB100#0	19.30	Pass
			16-QAM	RB1#99	19.31	Pass
				RB100#0	19.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 12	1.4 MHz	LCH	QPSK	RB1#0	20.1	Pass
				RB6#0	20.2	Pass
			16-QAM	RB1#0	20.3	Pass
				RB6#0	20.4	Pass
		HCH	QPSK	RB1#5	20.5	Pass
				RB6#0	20.6	Pass
			16-QAM	RB1#5	20.7	Pass
				RB6#0	20.8	Pass
	3 MHz	LCH	QPSK	RB1#0	20.9	Pass
				RB15#0	20.10	Pass
			16-QAM	RB1#0	20.11	Pass
				RB15#0	20.12	Pass
		HCH	QPSK	RB1#14	20.13	Pass
				RB15#0	20.14	Pass
			16-QAM	RB1#14	20.15	Pass
				RB15#0	20.16	Pass
	5 MHz	LCH	QPSK	RB1#0	20.17	Pass
				RB25#0	20.18	Pass
			16-QAM	RB1#0	20.19	Pass
				RB25#0	20.20	Pass
		HCH	QPSK	RB1#24	20.21	Pass
				RB25#0	20.22	Pass
			16-QAM	RB1#24	20.23	Pass
				RB25#0	20.24	Pass
	10 MHz	LCH	QPSK	RB1#0	20.25	Pass
				RB50#0	20.26	Pass
			16-QAM	RB1#0	20.27	Pass
				RB50#0	20.28	Pass
		HCH	QPSK	RB1#49	20.29	Pass
				RB50#0	20.30	Pass
			16-QAM	RB1#49	20.31	Pass
				RB50#0	20.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 17	5 MHz	LCH	QPSK	RB1#0	21.1	Pass
				RB25#0	21.2	Pass
			16-QAM	RB1#0	21.3	Pass
				RB25#0	21.4	Pass
		HCH	QPSK	RB1#24	21.5	Pass
				RB25#0	21.6	Pass
			16-QAM	RB1#24	21.7	Pass
				RB25#0	21.8	Pass
	10 MHz	LCH	QPSK	RB1#0	21.9	Pass
				RB50#0	21.10	Pass
			16-QAM	RB1#0	21.11	Pass
				RB50#0	21.12	Pass
		HCH	QPSK	RB1#49	21.13	Pass
				RB50#0	21.14	Pass
			16-QAM	RB1#49	21.15	Pass
				RB50#0	21.16	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 26 (Part22)	1.4 MHz	LCH	QPSK	RB1#0	22.1	Pass
				RB6#0	22.2	Pass
			16-QAM	RB1#0	22.3	Pass
				RB6#0	22.4	Pass
		HCH	QPSK	RB1#5	22.5	Pass
				RB6#0	22.6	Pass
			16-QAM	RB1#5	22.7	Pass
				RB6#0	22.8	Pass
	3 MHz	LCH	QPSK	RB1#0	22.9	Pass
				RB15#0	22.10	Pass
			16-QAM	RB1#0	22.11	Pass
				RB15#0	22.12	Pass
		HCH	QPSK	RB1#14	22.13	Pass
				RB15#0	22.14	Pass
			16-QAM	RB1#14	22.15	Pass
				RB15#0	22.16	Pass
	5 MHz	LCH	QPSK	RB1#0	22.17	Pass
				RB25#0	22.18	Pass
			16-QAM	RB1#0	22.19	Pass
				RB25#0	22.20	Pass
		HCH	QPSK	RB1#24	22.21	Pass
				RB25#0	22.22	Pass
			16-QAM	RB1#24	22.23	Pass
				RB25#0	22.24	Pass
	10 MHz	LCH	QPSK	RB1#0	22.25	Pass
				RB50#0	22.26	Pass
			16-QAM	RB1#0	22.27	Pass
				RB50#0	22.28	Pass
		HCH	QPSK	RB1#49	22.29	Pass
				RB50#0	22.30	Pass
			16-QAM	RB1#49	22.31	Pass
				RB50#0	22.32	Pass
	15 MHz	LCH	QPSK	RB1#0	22.33	Pass
				RB75#0	22.34	Pass
			16-QAM	RB1#0	22.35	Pass
				RB75#0	22.36	Pass
		HCH	QPSK	RB1#74	22.37	Pass
				RB75#0	22.38	Pass
			16-QAM	RB1#74	22.39	Pass
				RB75#0	22.40	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]		Verdict
					In-band	Out-of-band	
Band 26 (Part90)	1.4 MHz	LCH	QPSK	RB1#0	23.1	24.1	Pass
				RB6#0	23.2	24.2	Pass
			16-QAM	RB1#0	23.3	24.3	Pass
				RB6#0	23.4	24.4	Pass
		HCH	QPSK	RB1#5	23.5	24.5	Pass
				RB6#0	23.6	24.6	Pass
			16-QAM	RB1#5	23.7	24.7	Pass
				RB6#0	23.8	24.8	Pass
	3 MHz	LCH	QPSK	RB1#0	23.9	24.9	Pass
				RB15#0	23.10	24.10	Pass
			16-QAM	RB1#0	23.11	24.11	Pass
				RB15#0	23.12	24.12	Pass
		HCH	QPSK	RB1#14	23.13	24.13	Pass
				RB15#0	23.14	24.14	Pass
			16-QAM	RB1#14	23.15	24.15	Pass
				RB15#0	23.16	24.16	Pass
	5 MHz	LCH	QPSK	RB1#0	23.17	24.17	Pass
				RB25#0	23.18	24.18	Pass
			16-QAM	RB1#0	23.19	24.19	Pass
				RB25#0	23.20	24.20	Pass
		HCH	QPSK	RB1#24	23.21	24.21	Pass
				RB25#0	23.22	24.22	Pass
			16-QAM	RB1#24	23.23	24.23	Pass
				RB25#0	23.24	24.24	Pass
	10 MHz	MCH	QPSK	RB1#0	23.25	24.25	Pass
				RB50#0	23.26	24.26	Pass
			16-QAM	RB1#0	23.27	24.27	Pass
				RB50#0	23.28	24.28	Pass
		MCH	QPSK	RB1#49	23.29	24.29	Pass
				RB50#0	23.30	24.30	Pass
			16-QAM	RB1#49	23.31	24.31	Pass
				RB50#0	23.32	24.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 38	5 MHz	LCH	QPSK	RB1#0	25.1	Pass
				RB25#0	25.2	Pass
			16-QAM	RB1#0	25.3	Pass
				RB25#0	25.4	Pass
		HCH	QPSK	RB1#24	25.5	Pass
				RB25#0	25.6	Pass
			16-QAM	RB1#24	25.7	Pass
				RB25#0	25.8	Pass
	10 MHz	LCH	QPSK	RB1#0	25.9	Pass
				RB50#0	25.10	Pass
			16-QAM	RB1#0	25.11	Pass
				RB50#0	25.12	Pass
		HCH	QPSK	RB1#49	25.13	Pass
				RB50#0	25.14	Pass
			16-QAM	RB1#49	25.15	Pass
				RB50#0	25.16	Pass
	15 MHz	LCH	QPSK	RB1#0	25.17	Pass
				RB75#0	25.18	Pass
			16-QAM	RB1#0	25.19	Pass
				RB75#0	25.20	Pass
		HCH	QPSK	RB1#74	25.21	Pass
				RB75#0	25.22	Pass
			16-QAM	RB1#74	25.23	Pass
				RB75#0	25.24	Pass
	20 MHz	LCH	QPSK	RB1#0	25.25	Pass
				RB100#0	25.26	Pass
			16-QAM	RB1#0	25.27	Pass
				RB100#0	25.28	Pass
		HCH	QPSK	RB1#99	25.29	Pass
				RB100#0	25.30	Pass
			16-QAM	RB1#99	25.31	Pass
				RB100#0	25.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 41	5 MHz	LCH	QPSK	RB1#0	26.1	Pass
				RB25#0	26.2	Pass
			16-QAM	RB1#0	26.3	Pass
				RB25#0	26.4	Pass
		HCH	QPSK	RB1#24	26.5	Pass
				RB25#0	26.6	Pass
			16-QAM	RB1#24	26.7	Pass
				RB25#0	26.8	Pass
	10 MHz	LCH	QPSK	RB1#0	26.9	Pass
				RB50#0	26.10	Pass
			16-QAM	RB1#0	26.11	Pass
				RB50#0	26.12	Pass
		HCH	QPSK	RB1#49	26.13	Pass
				RB50#0	26.14	Pass
			16-QAM	RB1#49	26.15	Pass
				RB50#0	26.16	Pass
	15 MHz	LCH	QPSK	RB1#0	26.17	Pass
				RB75#0	26.18	Pass
			16-QAM	RB1#0	26.19	Pass
				RB75#0	26.20	Pass
		HCH	QPSK	RB1#74	26.21	Pass
				RB75#0	26.22	Pass
			16-QAM	RB1#74	26.23	Pass
				RB75#0	26.24	Pass
	20 MHz	LCH	QPSK	RB1#0	26.25	Pass
				RB100#0	26.26	Pass
			16-QAM	RB1#0	26.27	Pass
				RB100#0	26.28	Pass
		HCH	QPSK	RB1#99	26.29	Pass
				RB100#0	26.30	Pass
			16-QAM	RB1#99	26.31	Pass
				RB100#0	26.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 66	1.4 MHz	LCH	QPSK	RB1#0	27.1	Pass
				RB6#0	27.2	Pass
			16-QAM	RB1#0	27.3	Pass
				RB6#0	27.4	Pass
		HCH	QPSK	RB1#5	27.5	Pass
				RB6#0	27.6	Pass
			16-QAM	RB1#5	27.7	Pass
				RB6#0	27.8	Pass
	3 MHz	LCH	QPSK	RB1#0	27.9	Pass
				RB15#0	27.10	Pass
			16-QAM	RB1#0	27.11	Pass
				RB15#0	27.12	Pass
		HCH	QPSK	RB1#14	27.13	Pass
				RB15#0	27.14	Pass
			16-QAM	RB1#14	27.15	Pass
				RB15#0	27.16	Pass
	5 MHz	LCH	QPSK	RB1#0	27.17	Pass
				RB25#0	27.18	Pass
			16-QAM	RB1#0	27.19	Pass
				RB25#0	27.20	Pass
		HCH	QPSK	RB1#24	27.21	Pass
				RB25#0	27.22	Pass
			16-QAM	RB1#24	27.23	Pass
				RB25#0	27.24	Pass
	10 MHz	LCH	QPSK	RB1#0	27.25	Pass
				RB50#0	27.26	Pass
			16-QAM	RB1#0	27.27	Pass
				RB50#0	27.28	Pass
		HCH	QPSK	RB1#49	27.29	Pass
				RB50#0	27.30	Pass
			16-QAM	RB1#49	27.31	Pass
				RB50#0	27.32	Pass
	15 MHz	LCH	QPSK	RB1#0	27.33	Pass
				RB75#0	27.34	Pass
			16-QAM	RB1#0	27.35	Pass
				RB75#0	27.36	Pass
		HCH	QPSK	RB1#74	27.37	Pass
				RB75#0	27.38	Pass
			16-QAM	RB1#74	27.39	Pass
				RB75#0	27.40	Pass
	20 MHz	LCH	QPSK	RB1#0	27.41	Pass
				RB100#0	27.42	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
			16-QAM	RB1#0	27.43	Pass
				RB100#0	27.44	Pass
		HCH	QPSK	RB1#99	27.45	Pass
				RB100#0	27.46	Pass
			16-QAM	RB1#99	27.47	Pass
				RB100#0	27.48	Pass

NR Mode Test Verdict

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n41	20	LCH	PI/2 BPSK	1	0	28.1	Pass
				50	0	28.2	Pass
			QPSK	1	0	28.3	Pass
				50	0	28.4	Pass
		HCH	PI/2 BPSK	1	50	28.5	Pass
				50	0	28.6	Pass
			QPSK	1	50	28.7	Pass
				50	0	28.8	Pass
	60	LCH	PI/2 BPSK	1	0	28.9	Pass
				162	0	28.10	Pass
			QPSK	1	0	28.11	Pass
				162	0	28.12	Pass
		HCH	PI/2 BPSK	1	161	28.13	Pass
				162	0	28.14	Pass
			QPSK	1	161	28.15	Pass
				162	0	28.16	Pass
	100	LCH	PI/2 BPSK	1	0	28.17	Pass
				273	0	28.18	Pass
			QPSK	1	0	28.19	Pass
				273	0	28.20	Pass
		HCH	PI/2 BPSK	1	272	28.21	Pass
				273	0	28.22	Pass
			QPSK	1	272	28.23	Pass
				273	0	28.24	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
DC_2A _n41A	20 MHz(LTE) + 20 MHz(NR)	LCH	PI/2 BPSK	1	0	29.1	Pass
				25	0	29.2	Pass
			QPSK	1	0	29.3	Pass
				25	0	29.4	Pass
		HCH	PI/2 BPSK	1	24	29.5	Pass
				25	0	29.6	Pass
			QPSK	1	24	29.7	Pass
				25	0	29.8	Pass
	20 MHz(LTE) + 60 MHz(NR)	LCH	PI/2 BPSK	1	0	29.9	Pass
				75	0	29.10	Pass
			QPSK	1	0	29.11	Pass
				75	0	29.12	Pass
		HCH	PI/2 BPSK	1	78	29.13	Pass
				75	0	29.14	Pass
			QPSK	1	78	29.15	Pass
				75	0	29.16	Pass
	20 MHz(LTE) + 100 MHz(NR)	LCH	PI/2 BPSK	1	0	29.17	Pass
				100	0	29.18	Pass
			QPSK	1	0	29.19	Pass
				100	0	29.20	Pass
		HCH	PI/2 BPSK	1	105	29.21	Pass
				100	0	29.22	Pass
			QPSK	1	105	29.23	Pass
				100	0	29.24	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
DC_66A_n41A	20 MHz(LTE) + 20 MHz(NR)	LCH	PI/2 BPSK	1	0	30.1	Pass
				50	0	30.2	Pass
			QPSK	1	0	30.3	Pass
				50	0	30.4	Pass
		HCH	PI/2 BPSK	1	50	30.5	Pass
				50	0	30.6	Pass
			QPSK	1	50	30.7	Pass
				50	0	30.8	Pass
	20 MHz(LTE) + 60 MHz(NR)	LCH	PI/2 BPSK	1	0	30.9	Pass
				162	0	30.10	Pass
			QPSK	1	0	30.11	Pass
				162	0	30.12	Pass
		HCH	PI/2 BPSK	1	161	30.13	Pass
				162	0	30.14	Pass
			QPSK	1	161	30.15	Pass
				162	0	30.16	Pass
	20 MHz(LTE) + 100 MHz(NR)	LCH	PI/2 BPSK	1	0	30.17	Pass
				270	0	30.18	Pass
			QPSK	1	0	30.19	Pass
				270	0	30.20	Pass
		HCH	PI/2 BPSK	1	272	30.21	Pass
				270	0	30.22	Pass
			QPSK	1	272	30.23	Pass
				270	0	30.24	Pass

A.7 Field Strength of Spurious Radiation

Note 1: GSM and EGPRS modes have been verified, only the worst data with different transmit bandwidth for LTE and NR 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-SZ2170148-501 Data Part 5.pdf”.

Up Antenna

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Refer to Plot[Note3]	Verdict
GSM 850	LCH	1.1	Pass
	MCH	1.2	Pass
	HCH	1.3	Pass
GSM 1900	LCH	2.1	Pass
	MCH	2.2	Pass
	HCH	2.3	Pass
EGPRS 850	LCH	3.1	Pass
	MCH	3.2	Pass
	HCH	3.3	Pass
EGPRS 1900	LCH	4.1	Pass
	MCH	4.2	Pass
	HCH	4.3	Pass
CDMA BC1	LCH	5.1	Pass
	MCH	5.2	Pass
	HCH	5.3	Pass
EVDO BC1	LCH	6.1	Pass
	MCH	6.2	Pass
	HCH	6.3	Pass
CDMA BC0	LCH	7.1	Pass
	MCH	7.2	Pass
	HCH	7.3	Pass
EVDO BC0	LCH	8.1	Pass
	MCH	8.2	Pass
	HCH	8.3	Pass
WCDMA Band 2	LCH	9.1	Pass
	MCH	9.2	Pass
	HCH	9.3	Pass
WCDMA Band 4	LCH	10.1	Pass
	MCH	10.2	Pass
	HCH	10.3	Pass
WCDMA Band 5	LCH	11.1	Pass
	MCH	11.2	Pass
	HCH	11.3	Pass

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 2	1.4 MHz	MCH	QPSK	RB1#0	12.1	Pass
	3 MHz	MCH	QPSK	RB1#0	12.2	Pass
	5 MHz	MCH	QPSK	RB1#0	12.3	Pass
	10 MHz	MCH	QPSK	RB1#0	12.4	Pass
	15 MHz	MCH	QPSK	RB1#0	12.5	Pass
	20 MHz	MCH	QPSK	RB1#0	12.6	Pass
Band 4	1.4 MHz	MCH	QPSK	RB1#0	13.1	Pass
	3 MHz	MCH	QPSK	RB1#0	13.2	Pass
	5 MHz	MCH	QPSK	RB1#0	13.3	Pass
	10 MHz	MCH	QPSK	RB1#0	13.4	Pass
	15 MHz	MCH	QPSK	RB1#0	13.5	Pass
	20 MHz	MCH	QPSK	RB1#0	13.6	Pass
Band 5	1.4 MHz	MCH	QPSK	RB1#0	14.1	Pass
	3 MHz	MCH	QPSK	RB1#0	14.2	Pass
	5 MHz	MCH	QPSK	RB1#0	14.3	Pass
	10 MHz	MCH	QPSK	RB1#0	14.4	Pass
Band 7	5 MHz	MCH	QPSK	RB1#0	15.1	Pass
	10 MHz	MCH	QPSK	RB1#0	15.2	Pass
	15 MHz	MCH	QPSK	RB1#0	15.3	Pass
	20 MHz	MCH	QPSK	RB1#0	15.4	Pass
Band 12	1.4 MHz	MCH	QPSK	RB1#0	16.1	Pass
	3 MHz	MCH	QPSK	RB1#0	16.2	Pass
	5 MHz	MCH	QPSK	RB1#0	16.3	Pass
	10 MHz	MCH	QPSK	RB1#0	16.4	Pass
Band 17	5 MHz	MCH	QPSK	RB1#0	17.1	Pass
	10 MHz	MCH	QPSK	RB1#0	17.2	Pass
Band 26 (Part22)	1.4 MHz	MCH	QPSK	RB1#0	18.1	Pass
	3 MHz	MCH	QPSK	RB1#0	18.2	Pass
	5 MHz	MCH	QPSK	RB1#0	18.3	Pass
	10 MHz	MCH	QPSK	RB1#0	18.4	Pass
	15 MHz	MCH	QPSK	RB1#0	18.5	Pass
Band 26 (Part90)	1.4 MHz	MCH	QPSK	RB1#0	19.1	Pass
	3 MHz	MCH	QPSK	RB1#0	19.2	Pass
	5 MHz	MCH	QPSK	RB1#0	19.3	Pass
	10 MHz	MCH	QPSK	RB1#0	19.4	Pass
Band 38	5 MHz	MCH	QPSK	RB1#0	20.1	Pass
	10 MHz	MCH	QPSK	RB1#0	20.2	Pass
	15 MHz	MCH	QPSK	RB1#0	20.3	Pass
	20 MHz	MCH	QPSK	RB1#0	20.4	Pass
Band 41	5 MHz	MCH	QPSK	RB1#0	21.1	Pass
	10 MHz	MCH	QPSK	RB1#0	21.2	Pass
	15 MHz	MCH	QPSK	RB1#0	21.3	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
	20 MHz	MCH	QPSK	RB1#0	21.4	Pass
Band 66	1.4 MHz	MCH	QPSK	RB1#0	22.1	Pass
	3 MHz	MCH	QPSK	RB1#0	22.2	Pass
	5 MHz	MCH	QPSK	RB1#0	22.3	Pass
	10 MHz	MCH	QPSK	RB1#0	22.4	Pass
	15 MHz	MCH	QPSK	RB1#0	22.5	Pass
	20 MHz	MCH	QPSK	RB1#0	22.6	Pass

NR Mode Test Verdict

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
DC_2A_n41A	20 MHz(LTE) + 20 MHz(NR)	MCH	QPSK	25	12	23.1	Pass
			QPSK	25	12	23.2	Pass
	20 MHz(LTE) + 60 MHz(NR)	MCH	QPSK	81	40	23.3	Pass
			QPSK	81	40	23.4	Pass
	20 MHz(LTE) + 100 MHz(NR)	MCH	QPSK	135	67	23.5	Pass
			QPSK	135	67	23.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
DC_2A_n41A	20 MHz(LTE) + 20 MHz(NR)	MCH	PI/2 BPSK	25	12	24.1	Pass
			PI/2 BPSK	25	12	24.2	Pass
	20 MHz(LTE) + 60 MHz(NR)	MCH	PI/2 BPSK	81	40	24.3	Pass
			PI/2 BPSK	81	40	24.4	Pass
	20 MHz(LTE) + 100 MHz(NR)	MCH	PI/2 BPSK	135	67	24.5	Pass
			PI/2 BPSK	135	67	24.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
DC_66A_n41A	20 MHz(LTE) + 20 MHz(NR)	MCH	QPSK	25	12	25.1	Pass
			QPSK	25	12	25.2	Pass
	20 MHz(LTE) + 60 MHz(NR)	MCH	QPSK	81	40	25.3	Pass
			QPSK	81	40	25.4	Pass
	20 MHz(LTE) + 100 MHz(NR)	MCH	QPSK	135	67	25.5	Pass
			QPSK	135	67	25.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
DC_66A_n41A	20 MHz(LTE) + 20 MHz(NR)	MCH	PI/2 BPSK	25	12	26.1	Pass
			PI/2 BPSK	25	12	26.2	Pass
	20 MHz(LTE) + 60 MHz(NR)	MCH	PI/2 BPSK	81	40	26.3	Pass
			PI/2 BPSK	81	40	26.4	Pass
	20 MHz(LTE) + 100 MHz(NR)	MCH	PI/2 BPSK	135	67	26.5	Pass
			PI/2 BPSK	135	67	26.6	Pass

Down Antenna

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Refer to Plot[Note3]	Verdict
GSM 850	LCH	27.1	Pass
	MCH	27.2	Pass
	HCH	27.3	Pass
GSM 1900	LCH	28.1	Pass
	MCH	28.2	Pass
	HCH	28.3	Pass
EGPRS 850	LCH	29.1	Pass
	MCH	29.2	Pass
	HCH	29.3	Pass
EGPRS 1900	LCH	30.1	Pass
	MCH	30.2	Pass
	HCH	30.3	Pass
CDMA BC1	LCH	31.1	Pass
	MCH	31.2	Pass
	HCH	31.3	Pass
EVDO BC1	LCH	32.1	Pass
	MCH	32.2	Pass
	HCH	32.3	Pass
CDMA BC0	LCH	33.1	Pass
	MCH	33.2	Pass
	HCH	33.3	Pass
EVDO BC0	LCH	34.1	Pass
	MCH	34.2	Pass
	HCH	34.3	Pass
WCDMA Band 2	LCH	35.1	Pass
	MCH	35.2	Pass
	HCH	35.3	Pass
WCDMA Band 4	LCH	36.1	Pass
	MCH	36.2	Pass
	HCH	36.3	Pass
WCDMA Band 5	LCH	37.1	Pass
	MCH	37.2	Pass
	HCH	37.3	Pass

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 2	1.4 MHz	MCH	QPSK	RB1#0	38.1	Pass
	3 MHz	MCH	QPSK	RB1#0	38.2	Pass
	5 MHz	MCH	QPSK	RB1#0	38.3	Pass
	10 MHz	MCH	QPSK	RB1#0	38.4	Pass
	15 MHz	MCH	QPSK	RB1#0	38.5	Pass
	20 MHz	MCH	QPSK	RB1#0	38.6	Pass
Band 4	1.4 MHz	MCH	QPSK	RB1#0	39.1	Pass
	3 MHz	MCH	QPSK	RB1#0	39.2	Pass
	5 MHz	MCH	QPSK	RB1#0	39.3	Pass
	10 MHz	MCH	QPSK	RB1#0	39.4	Pass
	15 MHz	MCH	QPSK	RB1#0	39.5	Pass
	20 MHz	MCH	QPSK	RB1#0	39.6	Pass
Band 5	1.4 MHz	MCH	QPSK	RB1#0	40.1	Pass
	3 MHz	MCH	QPSK	RB1#0	40.2	Pass
	5 MHz	MCH	QPSK	RB1#0	40.3	Pass
	10 MHz	MCH	QPSK	RB1#0	40.4	Pass
Band 7	5 MHz	MCH	QPSK	RB1#0	41.1	Pass
	10 MHz	MCH	QPSK	RB1#0	41.2	Pass
	15 MHz	MCH	QPSK	RB1#0	41.3	Pass
	20 MHz	MCH	QPSK	RB1#0	41.4	Pass
Band 12	1.4 MHz	MCH	QPSK	RB1#0	42.1	Pass
	3 MHz	MCH	QPSK	RB1#0	42.2	Pass
	5 MHz	MCH	QPSK	RB1#0	42.3	Pass
	10 MHz	MCH	QPSK	RB1#0	42.4	Pass
Band 17	5 MHz	MCH	QPSK	RB1#0	43.1	Pass
	10 MHz	MCH	QPSK	RB1#0	43.2	Pass
Band 26 (Part22)	1.4 MHz	MCH	QPSK	RB1#0	44.1	Pass
	3 MHz	MCH	QPSK	RB1#0	44.2	Pass
	5 MHz	MCH	QPSK	RB1#0	44.3	Pass
	10 MHz	MCH	QPSK	RB1#0	44.4	Pass
	15 MHz	MCH	QPSK	RB1#0	44.5	Pass
Band 26 (Part90)	1.4 MHz	MCH	QPSK	RB1#0	45.1	Pass
	3 MHz	MCH	QPSK	RB1#0	45.2	Pass
	5 MHz	MCH	QPSK	RB1#0	45.3	Pass
	10 MHz	MCH	QPSK	RB1#0	45.4	Pass
Band 38	5 MHz	MCH	QPSK	RB1#0	46.1	Pass
	10 MHz	MCH	QPSK	RB1#0	46.2	Pass
	15 MHz	MCH	QPSK	RB1#0	46.3	Pass
	20 MHz	MCH	QPSK	RB1#0	46.4	Pass
Band 41	5 MHz	MCH	QPSK	RB1#0	47.1	Pass
	10 MHz	MCH	QPSK	RB1#0	47.2	Pass
	15 MHz	MCH	QPSK	RB1#0	47.3	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
	20 MHz	MCH	QPSK	RB1#0	47.4	Pass
Band 66	1.4 MHz	MCH	QPSK	RB1#0	48.1	Pass
	3 MHz	MCH	QPSK	RB1#0	48.2	Pass
	5 MHz	MCH	QPSK	RB1#0	48.3	Pass
	10 MHz	MCH	QPSK	RB1#0	48.4	Pass
	15 MHz	MCH	QPSK	RB1#0	48.5	Pass
	20 MHz	MCH	QPSK	RB1#0	48.6	Pass

NR Mode Test Verdict

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
DC_2A_n41A	20 MHz(LTE) + 20 MHz(NR)	MCH	QPSK	25	12	49.1	Pass
			QPSK	25	12	49.2	Pass
	20 MHz(LTE) + 60 MHz(NR)	MCH	QPSK	81	40	49.3	Pass
			QPSK	81	40	49.4	Pass
	20 MHz(LTE) + 100 MHz(NR)	MCH	QPSK	135	67	49.5	Pass
			QPSK	135	67	49.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
DC_2A_n41A	20 MHz(LTE) + 20 MHz(NR)	MCH	PI/2 BPSK	25	12	50.1	Pass
			PI/2 BPSK	25	12	50.2	Pass
	20 MHz(LTE) + 60 MHz(NR)	MCH	PI/2 BPSK	81	40	50.3	Pass
			PI/2 BPSK	81	40	50.4	Pass
	20 MHz(LTE) + 100 MHz(NR)	MCH	PI/2 BPSK	135	67	50.5	Pass
			PI/2 BPSK	135	67	50.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
DC_66A_n41A	20 MHz(LTE) + 20 MHz(NR)	MCH	QPSK	25	12	51.1	Pass
			QPSK	25	12	51.2	Pass
	20 MHz(LTE) + 60 MHz(NR)	MCH	QPSK	81	40	51.3	Pass
			QPSK	81	40	51.4	Pass
	20 MHz(LTE) + 100 MHz(NR)	MCH	QPSK	135	67	51.5	Pass
			QPSK	135	67	51.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
DC_66A_n41A	20 MHz(LTE) + 20 MHz(NR)	MCH	PI/2 BPSK	25	12	52.1	Pass
			PI/2 BPSK	25	12	52.2	Pass
	20 MHz(LTE) + 60 MHz(NR)	MCH	PI/2 BPSK	81	40	52.3	Pass
			PI/2 BPSK	81	40	52.4	Pass
	20 MHz(LTE) + 100 MHz(NR)	MCH	PI/2 BPSK	135	67	52.5	Pass
			PI/2 BPSK	135	67	52.6	Pass

NR Mode Test Verdict

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n41A	20	MCH	QPSK	25	12	53.1	Pass
			QPSK	25	12	53.2	Pass
	60	MCH	QPSK	81	40	53.3	Pass
			QPSK	81	40	53.4	Pass
	100	MCH	QPSK	135	67	53.5	Pass
			QPSK	135	67	53.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n41A	20	MCH	PI/2 BPSK	25	12	54.1	Pass
			PI/2 BPSK	25	12	54.2	Pass
	60	MCH	PI/2 BPSK	81	40	54.3	Pass
			PI/2 BPSK	81	40	54.4	Pass
	100	MCH	PI/2 BPSK	135	67	54.5	Pass
			PI/2 BPSK	135	67	54.6	Pass

ANNEX B TEST SETUP PHOTOS

Please refer to the document “BL-SZ2170148-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer to the document “BL-SZ2170148-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer to the document “BL-SZ2170148-AI.PDF”.

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