RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

FOR

Mobile Phone

ISSUED TO
Guangdong OPPO Mobile Telecommunications Corp., Ltd.

No.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China

Tested by: Lu Jiamin
Lu Jiamin
Date: May 27, 2021

Approved by:
Wei Yanquan
(Chief Engineer)
Date: May 27, 2021

Report No.:	BL-SZ2140420-501
EUT Name:	Mobile Phone
Model Name:	CPH2247
Brand Name:	OPPO
Test Standard:	47 CFR Part 2
	47 CFR Part 22
	47 CFR Part 24
	47 CFR Part 27
	47 CFR Part 90
FCC ID:	R9C-CPH2247
Test Conclusion:	Pass
Test Date:	Apr. 14, 2021 ~ May 21, 2021
Date of Issue:	May 27, 2021

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Revision History

Version	Issue Date	Revisions Content
Rev. 01	May 27, 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	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	No.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China

2.2 Manufacturer Information

Manufacturer	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	No.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China

2.3 Factory Information

Factory	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	No.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	CPH2247
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	ColorOS V11.3
Dimensions (Approx.)	160.8x72.5x7.99mm
Weight (Approx.)	188g(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 WCDMA/HSDPA/HSUPA/HSPA+ Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/17/26/66 LTE TDD Band 38/41 LTE CA Uplink (UL): CA_7C, CA_38C, CA_41C 5G Network SA: NR n5/n7/n38/n41 NSA: DC_2A_n66A, DC_5A_n7A, DC_5A_n66A, DC_7A_n5A, DC_7A_n66A Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40), 802.11ac(VHT20/40), 802.11ax(HE20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80), 802.11ax(HE20/40/80) U-NII-1/2A/2C/3 GPS, GLONASS, BDS, Galileo, SBAS, NFC
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.
Note 1: The EUT is a 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 WCDMA/HSDPA/HSUPA Band 2/4/5 LTE FDD Band 2/4/5/7/12/17/26/66 LTE TDD Band 38/41 CA_7C, CA_38C, CA_41C SA: n5/n7/n38/n41 NSA: DC_2A_n66A, DC_5A_n7A, DC_5A_n66A, DC_7A_n5A, DC_7A_n66A	
Modulation Type	GSM/GPRS	GMSK
	EGPRS	8PSK
	WCDMA	QPSK
	HSDPA /HSUPA	QPSK
		16QAM
	LTE	QPSK
		16QAM
	NR	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM
		DFT-s-OFDM: QPSK / 16QAM / 64QAM / 256QAM
Channel Bandwidths for NR	n5: 5 MHz, 10 MHz, 15 MHz, 20 MHz n7: 5 MHz, 10 MHz, 15 MHz, 20 MHz n38: 20 MHz	

	n41: 20 MHz, 30 MHz, 40 MHz, 50 MHz, 60 MHz, 80 MHz, 90 MHz, 100 MHz n66: 5 MHz, 10 MHz, 15 MHz, 20 MHz
TX Frequency Range	GSM/GPRS/EGPRS 850: 824 MHz ~ 849 MHz GSM/GPRS/EGPRS 1900: 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 TDD LTE Band 38: 2570 MHz ~ 2620 MHz TDD LTE Band 41: 2496 MHz ~ 2690 MHz FDD LTE Band 66: 1710 MHz ~ 1780 MHz FDD NR Band n5: 824 MHz ~ 849MHz FDD NR Band n7: 2500 MHz ~ 2570MHz TDD NR Band n38: 2570 MHz ~ 2620 MHz TDD NR Band n41: 2496 MHz ~ 2690MHz FDD NR Band n66: 1710 MHz ~ 1780 MHz
Rx Frequency Range	GSM/GPRS/EGPRS 850: 869 MHz ~ 894 MHz GSM/GPRS/EGPRS 1900: 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 TDD LTE Band 38: 2570 MHz ~ 2620 MHz TDD LTE Band 41: 2496 MHz ~ 2690 MHz FDD LTE Band 66: 2110 MHz ~ 2180 MHz FDD NR Band n5: 869 MHz ~ 894MHz FDD NR Band n7: 2620 MHz ~ 2690MHz TDD NR Band n38: 2570 MHz ~ 2620 MHz TDD NR Band n41: 2496 MHz ~ 2690MHz FDD NR Band n66: 2110 MHz ~ 2200 MHz
Power Class	GSM/GPRS 850: 4 GSM/GPRS 1900: 1 EGPRS 850/1900: E2

	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 TDD LTE Band 38: 3 TDD LTE Band 41: 3 FDD LTE Band 66: 3 FDD NR Band n5: 3 FDD NR Band n7: 3 TDD NR Band n38: 3 TDD NR Band n41: 3 FDD NR Band n66: 3
Multislot Class	GPRS/EGPRS: 33
Antenna Type	Fixed Internal Antenna
Antenna Gain	GSM/GPRS/EGPRS 850: -2.8 dBi GSM/GPRS/EGPRS 1900: -1.0 dBi WCDMA/HSDPA/HSUPA Band 2: -1.0 dBi WCDMA/HSDPA/HSUPA Band 4: -1.2 dBi WCDMA/HSDPA/HSUPA Band 5: -2.8 dBi FDD LTE Band 2: -1.0 dBi FDD LTE Band 4: -1.2 dBi FDD LTE Band 5: -2.8 dBi FDD LTE Band 7: -0.9 dBi FDD LTE Band 12: -3.2 dBi FDD LTE Band 17: -3.2 dBi FDD LTE Band 26: -2.8 dBi TDD LTE Band 38: -0.9 dBi TDD LTE Band 41: -0.9 dBi FDD LTE Band 66: -1.2 dBi CA_7C: -0.9 dBi CA_38C: -0.9 dBi CA_41C: -0.9 dBi FDD NR Band n5: -2.8 dBi FDD NR Band n7: -0.9 dBi TDD NR Band n38: -0.9 dBi TDD NR Band n41: -0.9 dBi FDD NR DC_2A_n66A: -4.0 dBi FDD NR DC_5A_n7A: -1.2 dBi FDD NR DC_5A_n66A: -4.0 dBi FDD NR DC_7A_n5A: -2.8 dBi

	FDD NR DC_7A_n66A: -4.0 dBi
The Max RF Output Power (EIRP/ERP)	GSM/GPRS/EGPRS 850: 28.24 dBm GSM/GPRS/EGPRS 1900: 29.19 dBm WCDMA/HSDPA/HSUPA Band 2: 22.72 dBm WCDMA/HSDPA/HSUPA Band 4: 22.25 dBm WCDMA/HSDPA/HSUPA Band 5: 18.92 dBm FDD LTE Band 2: 22.09 dBm FDD LTE Band 4: 21.99 dBm FDD LTE Band 5: 18.45 dBm FDD LTE Band 7: 22.69 dBm FDD LTE Band 12: 18.07 dBm FDD LTE Band 17: 18.03 dBm FDD LTE Band 26 (part22): 18.36 dBm FDD LTE Band 26 (part90): 18.52 dBm TDD LTE Band 38: 22.28 dBm TDD LTE Band 41: 22.45 dBm FDD LTE Band 66: 21.93 dBm CA_7C: 23.37 dBm CA_38C: 22.91 dBm CA_41C: 23.19 dBm FDD NR Band n5: 18.97 dBm FDD NR Band n7: 22.29 dBm TDD NR Band n38: 21.99 dBm TDD NR Band n41: 22.05 dBm FDD NR DC_2A_n66A: 19.95 dBm FDD NR DC_5A_n7A: 22.25 dBm FDD NR DC_5A_n66A: 19.98 dBm FDD NR DC_7A_n5A: 20.97 dBm FDD NR DC_7A_n66A: 19.98 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
Note 1: Support both ordinary SIM card and eSIM card.				

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)	7.74 V
	LV (Low Voltage)	6.80 V
	HV (High Voltage)	8.90 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	2020.06.08	2021.06.07
Wideband Radio Communication Tester	R&S	CMW 500	120598	V3.5.137	2021.01.14	2022.01.13
Spectrum Analyzer	R&S	FSV-30	103118	2.30.SP1	2020.06.08	2021.06.07
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	2020.06.10	2021.06.09
DC Power Supply	ITECH	IT6863A	600014010687210020	N/A	2020.06.12	2021.06.11
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-CTS	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	2021.07.01
Test Antenna-Horn(1-18 GHz)	Schwarzbeck	BBHA 9120D	9120D-1148	N/A	2019.07.02	2021.07.01
Test Antenna-Horn(18-40 GHz)	A-INFO	LB-180400KF	J211060273	N/A	2021.01.04	2023.01.03
Anechoic Chamber	YIHENG	9m*6m*6m	#3	N/A	2018.07.18	2021.07.17
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
Spectrum Analyzer	R&S	FSV-30	103118	2.30.SP1	2020.06.08	2021.06.07
Wideband Radio Communication Tester	R&S	CMW 500	127794	V3.2.73	2020.06.08	2021.06.07
5G Wireless Test Platform	Keysight	E7515B UXM	MY59321617	N/A	2020.10.20	2021.10.19
5G Wireless Test Platform	Starpoint	SP9500-CTS	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
	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	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
	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
	EGPRS 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Spurious Emission at Antenna Terminals	GSM 850	v	v	v
	GSM 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	v	v	v
	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v

Test Items	Test Mode	Test Channel		
		LCH	MCH	HCH
Band Edge	GSM 850	v	--	v
	GSM 1900	v	--	v
	EGPRS 850	v	--	v
	EGPRS 1900	v	--	v
	WCDMA Band 2	v	--	v
	WCDMA Band 4	v	--	v
	WCDMA Band 5	v	--	v
Field Strength of Spurious Radiation	GSM 850	v	v	v
	GSM 1900	v	v	v
	EGPRS 850	v	v	v
	EGPRS 1900	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
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	39675	2498.5
		10	39700	2501
		15	39725	2503.5
		20	39750	2506
	Middle Range	5/10/15/20	40620	2593
	High Range	5	41565	2687.5
		10	41540	2685
		15	41515	2682.5
		20	41490	2680
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 frequencies for CA_7C											
Range	CC-Combo / NRB_agg [RB]	CC1					CC2				
		BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	f_{DL} [MHz]	BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	f_{DL} [MHz]
Low	50+100	50	20805	2505.5	2805	2625.5	100	20949	2519.9	2949	2639.9
		100	20850	2510	2850	2630	50	20994	2524.4	2994	2644.4
	75+50	75	20825	2507.5	2825	2627.5	50	20945	2519.5	2945	2639.5
	75+75	75	20825	2507.5	2825	2627.5	75	20975	2522.5	2975	2642.5
	75+100	75	20828	2507.8	2828	2627.8	100	20999	2524.9	2999	2644.9
		100	20850	2510	2850	2630	75	21021	2527.1	3021	2647.1
	100+100	100	20850	2510	2850	2630	100	21048	2529.8	3048	2649.8
Mid	50+100	50	21006	2525.6	3006	2645.6	100	21150	2540	3150	2660
		100	21051	2530.1	3051	2650.1	50	21195	2544.5	3195	2664.5
	75+50	75	21051	2530.1	3051	2650.1	50	21171	2542.1	3171	2662.1
	75+75	75	21025	2527.5	3025	2647.5	75	21175	2542.5	3175	2662.5
	75+100	75	21003	2525.3	3003	2645.3	100	21174	2542.4	3174	2662.4
		100	21026	2527.6	3026	2647.6	75	21197	2544.7	3197	2664.7
	100+100	100	21001	2525.1	3001	2645.1	100	21199	2544.9	3199	2664.9
High	50+100	50	21206	2545.6	3206	2665.6	100	21350	2560	3350	2680
		100	21251	2550.1	3251	2670.1	50	21395	2564.5	3395	2684.5
	75+50	75	21277	2552.7	3277	2672.7	50	21397	2564.7	3397	2684.7
	75+75	75	21225	2547.5	3225	2667.5	75	21375	2562.5	3375	2682.5
	75+100	75	21179	2542.9	3179	2662.9	100	21350	2560	3350	2680
		100	21201	2545.1	3201	2665.1	75	21372	2562.2	3372	2682.2
	100+100	100	21152	2540.2	3152	2660.2	100	21350	2560	3350	2680

Test frequencies for CA_38C							
Range	CC-Combo / NRB_agg [RB]	CC1			CC2		
		BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]	BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]
Low	75+75	75	37825	2577.5	75	37975	2592.5
	100+100	100	37850	2580	100	38048	2599.8
Mid	75+75	75	37925	2587.5	75	38075	2602.5
	100+100	100	37901	2585.1	100	38099	2604.9
High	75+75	75	38025	2597.5	75	38175	2612.5
	100+100	100	37952	2590.2	100	38150	2610

Test frequencies for CA_41C (2496-2690MHz)							
Range	CC-Combo / NRB_agg [RB]	CC1			CC2		
		BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]	BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]
Low	25+100	25	39683	2499.3	100	39800	2511
		100	39750	2506	25	39867	2517.7
	50+75	50	39703	2501.3	75	39823	2513.3
		75	39725	2503.5	50	39845	2515.5
	50+100	50	39705	2501.5	100	39849	2515.9
		100	39750	2506	50	39894	2520.4
	75+75	75	39725	2503.5	75	39875	2518.5
	75+100	75	39728	2503.8	100	39899	2520.9
		100	39750	2506	75	39921	2523.1
	100+100	100	39750	2506	100	39948	2525.8
Mid	25+100	25	40528	2583.8	100	40645	2595.5
		100	40595	2590.5	25	40712	2602.2
	50+75	50	40549	2585.9	75	40669	2597.9
		75	40571	2588.1	50	40691	2600.1
	50+100	50	40526	2583.6	100	40670	2598.0
		100	40571	2588.1	50	40715	2602.5
	75+75	75	40545	2585.5	75	40695	2600.5
	75+100	75	40523	2583.3	100	40694	2600.4
		100	40546	2585.6	75	40717	2602.7
	100+100	100	40521	2583.1	100	40719	2602.9
High	25+100	25	41373	2668.3	100	41490	2680
		100	41440	2675	25	41557	2686.7
	50+75	50	41395	2670.5	75	41515	2682.5
		75	41417	2672.7	50	41537	2684.7
	50+100	50	41346	2665.6	100	41490	2680
		100	41391	2670.1	50	41535	2684.5
	75+75	75	41365	2667.5	75	41515	2682.5
	75+100	75	41319	2662.9	100	41490	2680
		100	41341	2665.1	75	41512	2682.2
	100+100	100	41292	2660.2	100	41490	2680

Test Mode	Channel Bandwidth (MHz)	UL Channel	UL Channel No.	UL Frequency (MHz)
NR Band n5	5	Low Range	165300	826.5
		Middle Range	167300	836.5
		High Range	169300	846.5
	15	Low Range	166300	831.5
		Middle Range	167300	836.5
		High Range	168300	841.5
	20	Low Range	166800	834
		Middle Range	167300	836.5
		High Range	167800	839

Test Mode	Channel Bandwidth (MHz)	UL Channel	UL Channel No.	UL Frequency (MHz)
NR Band n7	5	Low Range	500500	2502.5
		Middle Range	507000	2535
		High Range	513500	2567.5
	15	Low Range	501500	2507.5
		Middle Range	507000	2535
		High Range	512500	2562.5
	20	Low Range	502000	2510
		Middle Range	507000	2535
		High Range	512000	2560

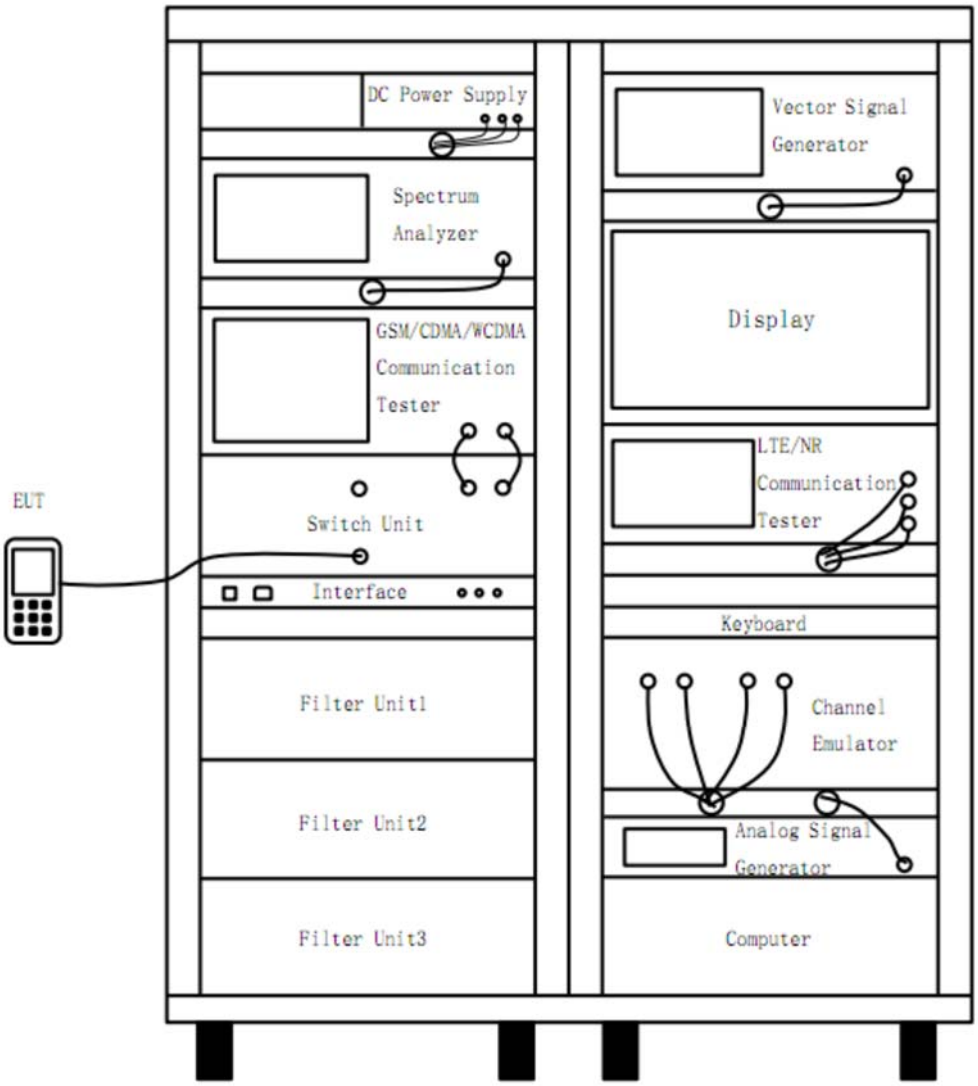
Test Mode	Channel Bandwidth (MHz)	UL Channel	UL Channel No.	UL Frequency (MHz)
NR Band n38	20	Low Range	516000	2580
		Middle Range	519000	2595
		High Range	522000	2610

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

Test Mode	Channel Bandwidth (MHz)	UL Channel	UL Channel No.	UL Frequency (MHz)
NR Band n66	5	Low Range	342500	1712.5
		Middle Range	349000	1745
		High Range	355500	1777.5
	15	Low Range	343500	1717.5
		Middle Range	349000	1745
		High Range	354500	1772.5
	20	Low Range	344000	1720
		Middle Range	349000	1745
		High Range	354000	1770

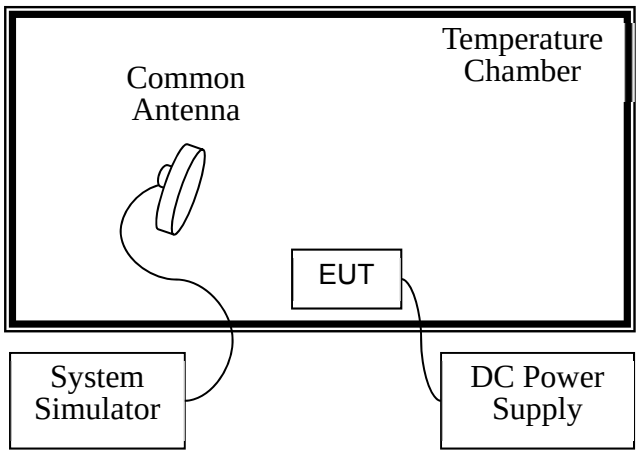
4.4 Test Setup

4.4.1 For Antenna Port Test



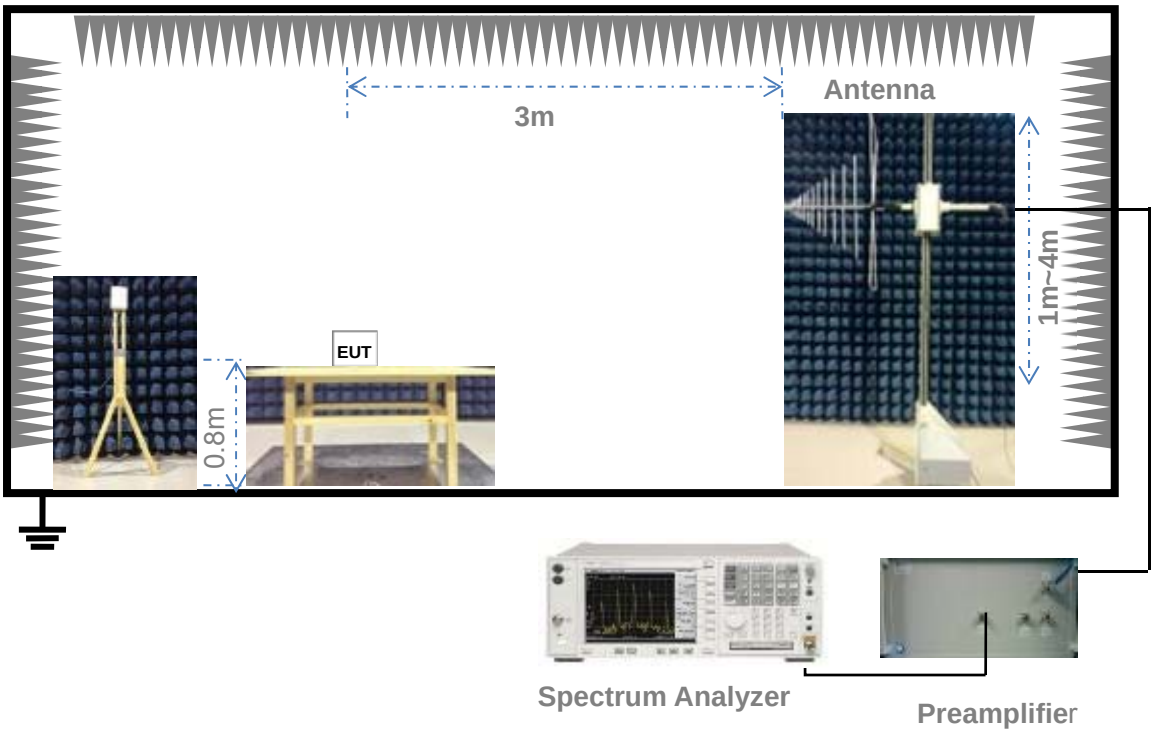
(Diagram 1)

4.4.2 For Frequency Stability Test



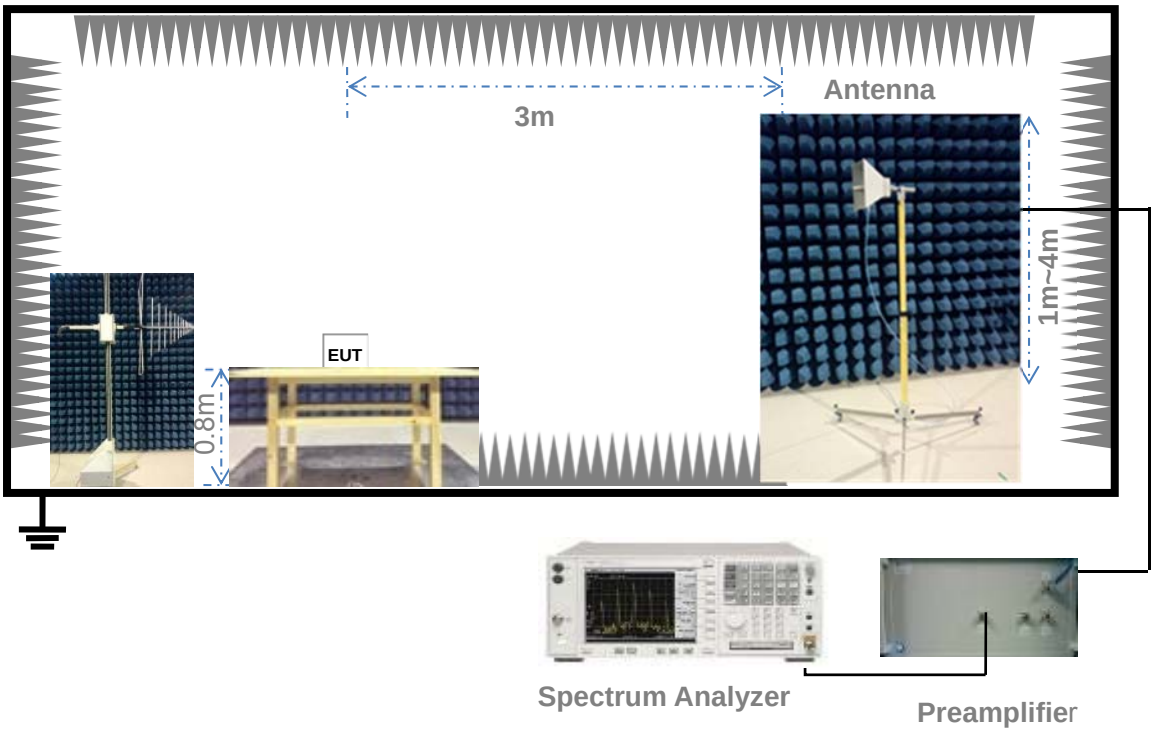
(Diagram 2)

4.4.3 For Radiated Test (30 MHz ~ 1 GHz)



(Diagram 3)

4.4.4 For Radiated Test (Above 1 GHz)



(Diagram 4)

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	33.19	-2.8	-4.95	28.24	0.667	7.00	Pass
	MCH	32.85	-2.8	-4.95	27.90	0.617	7.00	Pass
	HCH	33.14	-2.8	-4.95	28.19	0.659	7.00	Pass
GPRS 850	LCH	33.10	-2.8	-4.95	28.15	0.653	7.00	Pass
	MCH	32.82	-2.8	-4.95	27.87	0.612	7.00	Pass
	HCH	33.06	-2.8	-4.95	28.11	0.647	7.00	Pass
EGPRS 850	LCH	29.68	-2.8	-4.95	24.73	0.297	7.00	Pass
	MCH	29.83	-2.8	-4.95	24.88	0.308	7.00	Pass
	HCH	29.90	-2.8	-4.95	24.95	0.313	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	30.01	-1	29.01	0.796	2.00	Pass
	MCH	30.19	-1	29.19	0.830	2.00	Pass
	HCH	30.18	-1	29.18	0.828	2.00	Pass
GPRS 1900	LCH	29.99	-1	28.99	0.793	2.00	Pass
	MCH	29.88	-1	28.88	0.773	2.00	Pass
	HCH	29.88	-1	28.88	0.773	2.00	Pass
EGPRS 1900	LCH	28.80	-1	27.80	0.603	2.00	Pass
	MCH	28.86	-1	27.86	0.611	2.00	Pass
	HCH	28.55	-1	27.55	0.569	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	33.10	2.042	30.23	1.054	28.32	0.679	27.48	0.560
	MCH	32.82	1.914	30.19	1.045	28.34	0.682	27.33	0.541
	HCH	33.06	2.023	30.48	1.117	28.49	0.706	27.55	0.569
GPRS 1900	LCH	29.99	0.998	27.25	0.531	25.54	0.358	24.45	0.279
	MCH	29.88	0.973	27.29	0.535	25.80	0.380	24.68	0.293
	HCH	29.88	0.973	26.89	0.488	26.03	0.400	24.40	0.276

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	29.68	0.929	27.56	0.570	26.02	0.400	24.57	0.287
	MCH	29.83	0.962	27.55	0.569	25.90	0.389	24.59	0.288
	HCH	29.90	0.977	27.54	0.567	26.01	0.399	24.64	0.291
EGPRS 1900	LCH	28.80	0.759	26.43	0.440	24.61	0.289	23.53	0.225
	MCH	28.86	0.769	26.42	0.439	24.75	0.299	23.30	0.214
	HCH	28.55	0.716	26.15	0.412	24.31	0.270	23.25	0.212

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	23.65	-1	22.65	0.184	2.00	Pass
	MCH	23.72	-1	22.72	0.187	2.00	Pass
	HCH	23.65	-1	22.65	0.184	2.00	Pass
HSDPA Band 2	LCH	23.18	-1	22.18	0.165	2.00	Pass
	MCH	23.25	-1	22.25	0.168	2.00	Pass
	HCH	23.18	-1	22.18	0.165	2.00	Pass
HSUPA Band 2	LCH	23.16	-1	22.16	0.164	2.00	Pass
	MCH	23.23	-1	22.23	0.167	2.00	Pass
	HCH	23.13	-1	22.13	0.163	2.00	Pass

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
WCDMA Band 4	LCH	23.27	-1.2	22.07	0.161	1.00	Pass
	MCH	23.40	-1.2	22.20	0.166	1.00	Pass
	HCH	23.22	-1.2	22.02	0.159	1.00	Pass
HSDPA Band 4	LCH	23.29	-1.2	22.09	0.162	1.00	Pass
	MCH	23.45	-1.2	22.25	0.168	1.00	Pass
	HCH	23.25	-1.2	22.05	0.160	1.00	Pass
HSUPA Band 4	LCH	23.29	-1.2	22.09	0.162	1.00	Pass
	MCH	23.42	-1.2	22.22	0.167	1.00	Pass
	HCH	23.22	-1.2	22.02	0.159	1.00	Pass

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
WCDMA Band 5	LCH	23.87	-2.8	-4.95	18.92	0.078	7.00	Pass
	MCH	23.81	-2.8	-4.95	18.86	0.077	7.00	Pass
	HCH	23.81	-2.8	-4.95	18.86	0.077	7.00	Pass
HSDPA Band 5	LCH	22.88	-2.8	-4.95	17.93	0.062	7.00	Pass
	MCH	22.80	-2.8	-4.95	17.85	0.061	7.00	Pass
	HCH	22.84	-2.8	-4.95	17.89	0.062	7.00	Pass
HSUPA Band 5	LCH	22.90	-2.8	-4.95	17.95	0.062	7.00	Pass
	MCH	22.88	-2.8	-4.95	17.93	0.062	7.00	Pass
	HCH	22.83	-2.8	-4.95	17.88	0.061	7.00	Pass

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

Note 2: ERP/EIRP = P_{Meas} + GT − LC

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

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

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

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

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

HSDPA Conducted Output Power

Band	Channel	Conducted Output Average Power							
		Subtest1		Subtest2		Subtest3		Subtest4	
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)
HSDPA Band 2	LCH	23.18	0.208	23.16	0.207	22.16	0.164	22.15	0.164
	MCH	23.23	0.210	23.25	0.211	22.24	0.167	22.24	0.167
	HCH	23.18	0.208	23.01	0.200	22.15	0.164	22.11	0.163
HSDPA Band 4	LCH	23.27	0.212	23.29	0.213	22.78	0.190	22.75	0.188
	MCH	23.41	0.219	23.45	0.221	22.96	0.198	22.93	0.196
	HCH	23.21	0.209	23.25	0.211	22.75	0.188	22.72	0.187
HSDPA Band 5	LCH	22.88	0.194	22.88	0.194	22.36	0.172	22.37	0.173
	MCH	22.80	0.191	22.78	0.190	22.32	0.171	22.28	0.169
	HCH	22.82	0.191	22.84	0.192	22.31	0.170	22.27	0.169

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	23.16	0.207	20.70	0.117	21.66	0.147	20.64	0.116	23.12	0.205
	MCH	23.19	0.208	20.78	0.120	21.66	0.147	20.74	0.119	23.23	0.210
	HCH	23.07	0.203	20.63	0.116	21.69	0.148	20.69	0.117	23.13	0.206
HSUPA Band 4	LCH	22.30	0.170	20.21	0.105	21.26	0.134	20.25	0.106	23.29	0.213
	MCH	22.46	0.176	20.42	0.110	21.42	0.139	20.45	0.111	23.42	0.220
	HCH	22.27	0.169	20.24	0.106	21.19	0.132	20.29	0.107	23.22	0.210
HSUPA Band 5	LCH	22.90	0.195	19.85	0.097	19.89	0.097	19.69	0.093	22.85	0.193
	MCH	22.88	0.194	19.87	0.097	19.79	0.095	19.63	0.092	22.81	0.191
	HCH	22.83	0.192	19.88	0.097	19.83	0.096	19.55	0.090	22.82	0.191

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	22.93	-1	21.93	0.156	2.00	Pass
			RB1#3	22.97	-1	21.97	0.157	2.00	Pass
			RB1#5	22.9	-1	21.90	0.155	2.00	Pass
			RB3#0	22.9	-1	21.90	0.155	2.00	Pass
			RB3#2	22.93	-1	21.93	0.156	2.00	Pass
			RB3#3	22.87	-1	21.87	0.154	2.00	Pass
			RB6#0	21.97	-1	20.97	0.125	2.00	Pass
		16-QAM	RB1#0	22.1	-1	21.10	0.129	2.00	Pass
			RB1#3	22.17	-1	21.17	0.131	2.00	Pass
			RB1#5	22.08	-1	21.08	0.128	2.00	Pass
			RB3#0	22.02	-1	21.02	0.126	2.00	Pass
			RB3#2	22.05	-1	21.05	0.127	2.00	Pass
			RB3#3	21.98	-1	20.98	0.125	2.00	Pass
			RB6#0	21.09	-1	20.09	0.102	2.00	Pass
	MCH	QPSK	RB1#0	22.99	-1	21.99	0.158	2.00	Pass
			RB1#3	23.02	-1	22.02	0.159	2.00	Pass
			RB1#5	22.96	-1	21.96	0.157	2.00	Pass
			RB3#0	22.94	-1	21.94	0.156	2.00	Pass
			RB3#2	22.99	-1	21.99	0.158	2.00	Pass
			RB3#3	22.98	-1	21.98	0.158	2.00	Pass
			RB6#0	22.03	-1	21.03	0.127	2.00	Pass
		16-QAM	RB1#0	22.47	-1	21.47	0.140	2.00	Pass
			RB1#3	22.51	-1	21.51	0.142	2.00	Pass
			RB1#5	22.44	-1	21.44	0.139	2.00	Pass
			RB3#0	22.21	-1	21.21	0.132	2.00	Pass
			RB3#2	22.25	-1	21.25	0.133	2.00	Pass
			RB3#3	22.24	-1	21.24	0.133	2.00	Pass
			RB6#0	20.94	-1	19.94	0.099	2.00	Pass
	HCH	QPSK	RB1#0	22.85	-1	21.85	0.153	2.00	Pass
			RB1#3	22.92	-1	21.92	0.156	2.00	Pass
			RB1#5	22.86	-1	21.86	0.153	2.00	Pass
			RB3#0	22.88	-1	21.88	0.154	2.00	Pass
			RB3#2	22.92	-1	21.92	0.156	2.00	Pass
			RB3#3	22.88	-1	21.88	0.154	2.00	Pass
			RB6#0	21.91	-1	20.91	0.123	2.00	Pass
		16-QAM	RB1#0	21.96	-1	20.96	0.125	2.00	Pass
			RB1#3	22.03	-1	21.03	0.127	2.00	Pass
			RB1#5	21.97	-1	20.97	0.125	2.00	Pass
			RB3#0	22.11	-1	21.11	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 BAND2									
			RB3#2	22.17	-1	21.17	0.131	2.00	Pass
			RB3#3	22.13	-1	21.13	0.130	2.00	Pass
			RB6#0	21.07	-1	20.07	0.102	2.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.95	-1	21.95	0.157	2.00	Pass
			RB1#7	23.02	-1	22.02	0.159	2.00	Pass
			RB1#14	22.91	-1	21.91	0.155	2.00	Pass
			RB8#0	22	-1	21.00	0.126	2.00	Pass
			RB8#4	22.05	-1	21.05	0.127	2.00	Pass
			RB8#7	22.01	-1	21.01	0.126	2.00	Pass
			RB15#0	22	-1	21.00	0.126	2.00	Pass
		16-QAM	RB1#0	21.94	-1	20.94	0.124	2.00	Pass
			RB1#7	21.98	-1	20.98	0.125	2.00	Pass
			RB1#14	21.92	-1	20.92	0.124	2.00	Pass
			RB8#0	21.1	-1	20.10	0.102	2.00	Pass
			RB8#4	21.15	-1	20.15	0.104	2.00	Pass
			RB8#7	21.12	-1	20.12	0.103	2.00	Pass
			RB15#0	21.04	-1	20.04	0.101	2.00	Pass
	MCH	QPSK	RB1#0	22.97	-1	21.97	0.157	2.00	Pass
			RB1#7	23.09	-1	22.09	0.162	2.00	Pass
			RB1#14	23.01	-1	22.01	0.159	2.00	Pass
			RB8#0	22	-1	21.00	0.126	2.00	Pass
			RB8#4	22.03	-1	21.03	0.127	2.00	Pass
			RB8#7	22.08	-1	21.08	0.128	2.00	Pass
			RB15#0	22.02	-1	21.02	0.126	2.00	Pass
		16-QAM	RB1#0	22.47	-1	21.47	0.140	2.00	Pass
			RB1#7	22.55	-1	21.55	0.143	2.00	Pass
			RB1#14	22.47	-1	21.47	0.140	2.00	Pass
			RB8#0	21.06	-1	20.06	0.101	2.00	Pass
			RB8#4	21.11	-1	20.11	0.103	2.00	Pass
			RB8#7	21.2	-1	20.20	0.105	2.00	Pass
			RB15#0	21.05	-1	20.05	0.101	2.00	Pass
	HCH	QPSK	RB1#0	22.9	-1	21.90	0.155	2.00	Pass
			RB1#7	22.98	-1	21.98	0.158	2.00	Pass
			RB1#14	22.92	-1	21.92	0.156	2.00	Pass
			RB8#0	21.97	-1	20.97	0.125	2.00	Pass
			RB8#4	22.02	-1	21.02	0.126	2.00	Pass
			RB8#7	21.94	-1	20.94	0.124	2.00	Pass
			RB15#0	21.99	-1	20.99	0.126	2.00	Pass
		16-QAM	RB1#0	22.03	-1	21.03	0.127	2.00	Pass
			RB1#7	22.05	-1	21.05	0.127	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	21.95	-1	20.95	0.124	2.00	Pass
			RB8#0	21	-1	20.00	0.100	2.00	Pass
			RB8#4	21.03	-1	20.03	0.101	2.00	Pass
			RB8#7	21.02	-1	20.02	0.100	2.00	Pass
			RB15#0	20.93	-1	19.93	0.098	2.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.93	-1	21.93	0.156	2.00	Pass
			RB1#13	22.97	-1	21.97	0.157	2.00	Pass
			RB1#24	22.89	-1	21.89	0.155	2.00	Pass
			RB12#0	21.94	-1	20.94	0.124	2.00	Pass
			RB12#6	21.98	-1	20.98	0.125	2.00	Pass
			RB12#13	21.96	-1	20.96	0.125	2.00	Pass
			RB25#0	22	-1	21.00	0.126	2.00	Pass
		16-QAM	RB1#0	22.16	-1	21.16	0.131	2.00	Pass
			RB1#13	22.15	-1	21.15	0.130	2.00	Pass
			RB1#24	22.18	-1	21.18	0.131	2.00	Pass
			RB12#0	21.03	-1	20.03	0.101	2.00	Pass
			RB12#6	21.07	-1	20.07	0.102	2.00	Pass
			RB12#13	21.1	-1	20.10	0.102	2.00	Pass
			RB25#0	21.03	-1	20.03	0.101	2.00	Pass
	MCH	QPSK	RB1#0	22.98	-1	21.98	0.158	2.00	Pass
			RB1#13	23.08	-1	22.08	0.161	2.00	Pass
			RB1#24	23.09	-1	22.09	0.162	2.00	Pass
			RB12#0	22.01	-1	21.01	0.126	2.00	Pass
			RB12#6	22.05	-1	21.05	0.127	2.00	Pass
			RB12#13	22.05	-1	21.05	0.127	2.00	Pass
			RB25#0	22.01	-1	21.01	0.126	2.00	Pass
		16-QAM	RB1#0	22.52	-1	21.52	0.142	2.00	Pass
			RB1#13	22.6	-1	21.60	0.145	2.00	Pass
			RB1#24	22.6	-1	21.60	0.145	2.00	Pass
			RB12#0	21.12	-1	20.12	0.103	2.00	Pass
			RB12#6	21.2	-1	20.20	0.105	2.00	Pass
			RB12#13	21.19	-1	20.19	0.104	2.00	Pass
			RB25#0	21.1	-1	20.10	0.102	2.00	Pass
	HCH	QPSK	RB1#0	22.9	-1	21.90	0.155	2.00	Pass
			RB1#13	22.95	-1	21.95	0.157	2.00	Pass
			RB1#24	22.87	-1	21.87	0.154	2.00	Pass
			RB12#0	21.96	-1	20.96	0.125	2.00	Pass
			RB12#6	21.95	-1	20.95	0.124	2.00	Pass
			RB12#13	21.94	-1	20.94	0.124	2.00	Pass
			RB25#0	21.95	-1	20.95	0.124	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
		16-QAM	RB1#0	22.14	-1	21.14	0.130	2.00	Pass
			RB1#13	22.13	-1	21.13	0.130	2.00	Pass
			RB1#24	22.1	-1	21.10	0.129	2.00	Pass
			RB12#0	21.02	-1	20.02	0.100	2.00	Pass
			RB12#6	21.02	-1	20.02	0.100	2.00	Pass
			RB12#13	21.03	-1	20.03	0.101	2.00	Pass
			RB25#0	20.92	-1	19.92	0.098	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.92	-1	21.92	0.156	2.00	Pass
			RB1#25	22.82	-1	21.82	0.152	2.00	Pass
			RB1#49	22.83	-1	21.83	0.152	2.00	Pass
			RB25#0	21.98	-1	20.98	0.125	2.00	Pass
			RB25#13	21.98	-1	20.98	0.125	2.00	Pass
			RB25#25	21.99	-1	20.99	0.126	2.00	Pass
			RB50#0	21.98	-1	20.98	0.125	2.00	Pass
		16-QAM	RB1#0	21.9	-1	20.90	0.123	2.00	Pass
			RB1#25	21.89	-1	20.89	0.123	2.00	Pass
			RB1#49	21.82	-1	20.82	0.121	2.00	Pass
			RB25#0	20.97	-1	19.97	0.099	2.00	Pass
			RB25#13	20.98	-1	19.98	0.100	2.00	Pass
			RB25#25	21.01	-1	20.01	0.100	2.00	Pass
			RB50#0	20.93	-1	19.93	0.098	2.00	Pass
	MCH	QPSK	RB1#0	22.93	-1	21.93	0.156	2.00	Pass
			RB1#25	22.92	-1	21.92	0.156	2.00	Pass
			RB1#49	22.9	-1	21.90	0.155	2.00	Pass
			RB25#0	21.99	-1	20.99	0.126	2.00	Pass
			RB25#13	21.98	-1	20.98	0.125	2.00	Pass
			RB25#25	22.03	-1	21.03	0.127	2.00	Pass
			RB50#0	21.98	-1	20.98	0.125	2.00	Pass
		16-QAM	RB1#0	22.5	-1	21.50	0.141	2.00	Pass
			RB1#25	22.4	-1	21.40	0.138	2.00	Pass
			RB1#49	22.38	-1	21.38	0.137	2.00	Pass
			RB25#0	21.05	-1	20.05	0.101	2.00	Pass
			RB25#13	21.04	-1	20.04	0.101	2.00	Pass
			RB25#25	21.12	-1	20.12	0.103	2.00	Pass
			RB50#0	21.01	-1	20.01	0.100	2.00	Pass
	HCH	QPSK	RB1#0	23.02	-1	22.02	0.159	2.00	Pass
			RB1#25	22.9	-1	21.90	0.155	2.00	Pass
			RB1#49	22.86	-1	21.86	0.153	2.00	Pass
			RB25#0	21.91	-1	20.91	0.123	2.00	Pass
			RB25#13	21.93	-1	20.93	0.124	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB25#25	21.99	-1	20.99	0.126	2.00	Pass
			RB50#0	21.89	-1	20.89	0.123	2.00	Pass
		16-QAM	RB1#0	22.02	-1	21.02	0.126	2.00	Pass
			RB1#25	21.9	-1	20.90	0.123	2.00	Pass
			RB1#49	21.91	-1	20.91	0.123	2.00	Pass
			RB25#0	21	-1	20.00	0.100	2.00	Pass
			RB25#13	21.01	-1	20.01	0.100	2.00	Pass
			RB25#25	21.05	-1	20.05	0.101	2.00	Pass
			RB50#0	20.92	-1	19.92	0.098	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.91	-1	21.91	0.155	2.00	Pass
			RB1#38	22.83	-1	21.83	0.152	2.00	Pass
			RB1#74	22.89	-1	21.89	0.155	2.00	Pass
			RB36#0	21.87	-1	20.87	0.122	2.00	Pass
			RB36#19	21.95	-1	20.95	0.124	2.00	Pass
			RB36#39	21.97	-1	20.97	0.125	2.00	Pass
			RB75#0	21.93	-1	20.93	0.124	2.00	Pass
		16-QAM	RB1#0	21.97	-1	20.97	0.125	2.00	Pass
			RB1#38	21.85	-1	20.85	0.122	2.00	Pass
			RB1#74	21.89	-1	20.89	0.123	2.00	Pass
			RB36#0	20.87	-1	19.87	0.097	2.00	Pass
			RB36#19	20.96	-1	19.96	0.099	2.00	Pass
			RB36#39	20.98	-1	19.98	0.100	2.00	Pass
			RB75#0	20.95	-1	19.95	0.099	2.00	Pass
	MCH	QPSK	RB1#0	22.97	-1	21.97	0.157	2.00	Pass
			RB1#38	22.93	-1	21.93	0.156	2.00	Pass
			RB1#74	22.89	-1	21.89	0.155	2.00	Pass
			RB36#0	21.98	-1	20.98	0.125	2.00	Pass
			RB36#19	21.95	-1	20.95	0.124	2.00	Pass
			RB36#39	22.03	-1	21.03	0.127	2.00	Pass
			RB75#0	21.91	-1	20.91	0.123	2.00	Pass
		16-QAM	RB1#0	22.49	-1	21.49	0.141	2.00	Pass
			RB1#38	22.36	-1	21.36	0.137	2.00	Pass
			RB1#74	22.34	-1	21.34	0.136	2.00	Pass
			RB36#0	21.03	-1	20.03	0.101	2.00	Pass
			RB36#19	21.03	-1	20.03	0.101	2.00	Pass
			RB36#39	21.06	-1	20.06	0.101	2.00	Pass
			RB75#0	21	-1	20.00	0.100	2.00	Pass
	HCH	QPSK	RB1#0	22.99	-1	21.99	0.158	2.00	Pass
			RB1#38	22.89	-1	21.89	0.155	2.00	Pass
			RB1#74	22.73	-1	21.73	0.149	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	21.94	-1	20.94	0.124	2.00	Pass
			RB36#19	21.94	-1	20.94	0.124	2.00	Pass
			RB36#39	21.96	-1	20.96	0.125	2.00	Pass
			RB75#0	21.9	-1	20.90	0.123	2.00	Pass
		16-QAM	RB1#0	22.5	-1	21.50	0.141	2.00	Pass
			RB1#38	22.38	-1	21.38	0.137	2.00	Pass
			RB1#74	22.22	-1	21.22	0.132	2.00	Pass
			RB36#0	20.95	-1	19.95	0.099	2.00	Pass
			RB36#19	20.92	-1	19.92	0.098	2.00	Pass
			RB36#39	20.92	-1	19.92	0.098	2.00	Pass
			RB75#0	20.89	-1	19.89	0.097	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	22.97	-1	21.97	0.157	2.00	Pass
			RB1#50	22.82	-1	21.82	0.152	2.00	Pass
			RB1#99	22.82	-1	21.82	0.152	2.00	Pass
			RB50#0	21.94	-1	20.94	0.124	2.00	Pass
			RB50#25	22.01	-1	21.01	0.126	2.00	Pass
			RB50#50	21.96	-1	20.96	0.125	2.00	Pass
			RB100#0	21.96	-1	20.96	0.125	2.00	Pass
		16-QAM	RB1#0	22.58	-1	21.58	0.144	2.00	Pass
			RB1#50	22.54	-1	21.54	0.143	2.00	Pass
			RB1#99	22.53	-1	21.53	0.142	2.00	Pass
			RB50#0	20.98	-1	19.98	0.100	2.00	Pass
			RB50#25	20.99	-1	19.99	0.100	2.00	Pass
			RB50#50	21.01	-1	20.01	0.100	2.00	Pass
			RB100#0	21.01	-1	20.01	0.100	2.00	Pass
	MCH	QPSK	RB1#0	23.02	-1	22.02	0.159	2.00	Pass
			RB1#50	22.96	-1	21.96	0.157	2.00	Pass
			RB1#99	22.93	-1	21.93	0.156	2.00	Pass
			RB50#0	21.99	-1	20.99	0.126	2.00	Pass
			RB50#25	21.94	-1	20.94	0.124	2.00	Pass
			RB50#50	22.04	-1	21.04	0.127	2.00	Pass
			RB100#0	21.93	-1	20.93	0.124	2.00	Pass
		16-QAM	RB1#0	22.5	-1	21.50	0.141	2.00	Pass
			RB1#50	22.54	-1	21.54	0.143	2.00	Pass
			RB1#99	22.38	-1	21.38	0.137	2.00	Pass
			RB50#0	21.02	-1	20.02	0.100	2.00	Pass
			RB50#25	21	-1	20.00	0.100	2.00	Pass
			RB50#50	21.02	-1	20.02	0.100	2.00	Pass
			RB100#0	20.97	-1	19.97	0.099	2.00	Pass
	HCH	QPSK	RB1#0	22.92	-1	21.92	0.156	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	22.8	-1	21.80	0.151	2.00	Pass
			RB1#99	22.71	-1	21.71	0.148	2.00	Pass
			RB50#0	21.93	-1	20.93	0.124	2.00	Pass
			RB50#25	21.95	-1	20.95	0.124	2.00	Pass
			RB50#50	21.95	-1	20.95	0.124	2.00	Pass
			RB100#0	21.92	-1	20.92	0.124	2.00	Pass
		16-QAM	RB1#0	22.41	-1	21.41	0.138	2.00	Pass
			RB1#50	22.32	-1	21.32	0.136	2.00	Pass
			RB1#99	22.23	-1	21.23	0.133	2.00	Pass
			RB50#0	20.92	-1	19.92	0.098	2.00	Pass
			RB50#25	20.91	-1	19.91	0.098	2.00	Pass
			RB50#50	20.96	-1	19.96	0.099	2.00	Pass
			RB100#0	20.92	-1	19.92	0.098	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND4									
1.4 MHz	LCH	QPSK	RB1#0	22.8	-1.2	21.60	0.145	1.00	Pass
			RB1#3	22.86	-1.2	21.66	0.147	1.00	Pass
			RB1#5	22.83	-1.2	21.63	0.146	1.00	Pass
			RB3#0	22.84	-1.2	21.64	0.146	1.00	Pass
			RB3#2	22.86	-1.2	21.66	0.147	1.00	Pass
			RB3#3	22.85	-1.2	21.65	0.146	1.00	Pass
			RB6#0	21.96	-1.2	20.76	0.119	1.00	Pass
		16-QAM	RB1#0	22.03	-1.2	20.83	0.121	1.00	Pass
			RB1#3	22.09	-1.2	20.89	0.123	1.00	Pass
			RB1#5	22.02	-1.2	20.82	0.121	1.00	Pass
			RB3#0	21.93	-1.2	20.73	0.118	1.00	Pass
			RB3#2	22.01	-1.2	20.81	0.121	1.00	Pass
			RB3#3	22	-1.2	20.80	0.120	1.00	Pass
			RB6#0	21.07	-1.2	19.87	0.097	1.00	Pass
	MCH	QPSK	RB1#0	22.92	-1.2	21.72	0.149	1.00	Pass
			RB1#3	23.03	-1.2	21.83	0.152	1.00	Pass
			RB1#5	22.98	-1.2	21.78	0.151	1.00	Pass
			RB3#0	22.92	-1.2	21.72	0.149	1.00	Pass
			RB3#2	23.01	-1.2	21.81	0.152	1.00	Pass
			RB3#3	22.96	-1.2	21.76	0.150	1.00	Pass
			RB6#0	22	-1.2	20.80	0.120	1.00	Pass
		16-QAM	RB1#0	22.41	-1.2	21.21	0.132	1.00	Pass
			RB1#3	22.53	-1.2	21.33	0.136	1.00	Pass
			RB1#5	22.44	-1.2	21.24	0.133	1.00	Pass
			RB3#0	22.2	-1.2	21.00	0.126	1.00	Pass
			RB3#2	22.3	-1.2	21.10	0.129	1.00	Pass
			RB3#3	22.19	-1.2	20.99	0.126	1.00	Pass
			RB6#0	20.93	-1.2	19.73	0.094	1.00	Pass
	HCH	QPSK	RB1#0	22.78	-1.2	21.58	0.144	1.00	Pass
			RB1#3	22.84	-1.2	21.64	0.146	1.00	Pass
			RB1#5	22.79	-1.2	21.59	0.144	1.00	Pass
			RB3#0	22.81	-1.2	21.61	0.145	1.00	Pass
			RB3#2	22.83	-1.2	21.63	0.146	1.00	Pass
			RB3#3	22.82	-1.2	21.62	0.145	1.00	Pass
			RB6#0	21.85	-1.2	20.65	0.116	1.00	Pass
		16-QAM	RB1#0	21.87	-1.2	20.67	0.117	1.00	Pass
			RB1#3	21.91	-1.2	20.71	0.118	1.00	Pass
			RB1#5	21.89	-1.2	20.69	0.117	1.00	Pass
			RB3#0	22.02	-1.2	20.82	0.121	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	22.09	-1.2	20.89	0.123	1.00	Pass
			RB3#3	22.03	-1.2	20.83	0.121	1.00	Pass
			RB6#0	21.03	-1.2	19.83	0.096	1.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.88	-1.2	21.68	0.147	1.00	Pass
			RB1#7	22.94	-1.2	21.74	0.149	1.00	Pass
			RB1#14	22.86	-1.2	21.66	0.147	1.00	Pass
			RB8#0	22	-1.2	20.80	0.120	1.00	Pass
			RB8#4	22.04	-1.2	20.84	0.121	1.00	Pass
			RB8#7	21.98	-1.2	20.78	0.120	1.00	Pass
			RB15#0	21.99	-1.2	20.79	0.120	1.00	Pass
		16-QAM	RB1#0	21.97	-1.2	20.77	0.119	1.00	Pass
			RB1#7	21.99	-1.2	20.79	0.120	1.00	Pass
			RB1#14	21.95	-1.2	20.75	0.119	1.00	Pass
			RB8#0	21.1	-1.2	19.90	0.098	1.00	Pass
			RB8#4	21.15	-1.2	19.95	0.099	1.00	Pass
			RB8#7	21.1	-1.2	19.90	0.098	1.00	Pass
			RB15#0	21.03	-1.2	19.83	0.096	1.00	Pass
	MCH	QPSK	RB1#0	23.01	-1.2	21.81	0.152	1.00	Pass
			RB1#7	23.12	-1.2	21.92	0.156	1.00	Pass
			RB1#14	23.06	-1.2	21.86	0.153	1.00	Pass
			RB8#0	22.11	-1.2	20.91	0.123	1.00	Pass
			RB8#4	22.08	-1.2	20.88	0.122	1.00	Pass
			RB8#7	22.14	-1.2	20.94	0.124	1.00	Pass
			RB15#0	22.09	-1.2	20.89	0.123	1.00	Pass
		16-QAM	RB1#0	22.47	-1.2	21.27	0.134	1.00	Pass
			RB1#7	22.6	-1.2	21.40	0.138	1.00	Pass
			RB1#14	22.55	-1.2	21.35	0.136	1.00	Pass
			RB8#0	21.19	-1.2	19.99	0.100	1.00	Pass
			RB8#4	21.2	-1.2	20.00	0.100	1.00	Pass
			RB8#7	21.24	-1.2	20.04	0.101	1.00	Pass
			RB15#0	21.13	-1.2	19.93	0.098	1.00	Pass
	HCH	QPSK	RB1#0	22.88	-1.2	21.68	0.147	1.00	Pass
			RB1#7	22.92	-1.2	21.72	0.149	1.00	Pass
			RB1#14	22.84	-1.2	21.64	0.146	1.00	Pass
			RB8#0	21.94	-1.2	20.74	0.119	1.00	Pass
			RB8#4	21.95	-1.2	20.75	0.119	1.00	Pass
			RB8#7	21.92	-1.2	20.72	0.118	1.00	Pass
			RB15#0	21.97	-1.2	20.77	0.119	1.00	Pass
		16-QAM	RB1#0	21.99	-1.2	20.79	0.120	1.00	Pass
			RB1#7	22	-1.2	20.80	0.120	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	21.95	-1.2	20.75	0.119	1.00	Pass
			RB8#0	21.02	-1.2	19.82	0.096	1.00	Pass
			RB8#4	21.04	-1.2	19.84	0.096	1.00	Pass
			RB8#7	20.95	-1.2	19.75	0.094	1.00	Pass
			RB15#0	20.91	-1.2	19.71	0.094	1.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.93	-1.2	21.73	0.149	1.00	Pass
			RB1#13	22.96	-1.2	21.76	0.150	1.00	Pass
			RB1#24	22.93	-1.2	21.73	0.149	1.00	Pass
			RB12#0	22.01	-1.2	20.81	0.121	1.00	Pass
			RB12#6	22.07	-1.2	20.87	0.122	1.00	Pass
			RB12#13	22.01	-1.2	20.81	0.121	1.00	Pass
			RB25#0	22.01	-1.2	20.81	0.121	1.00	Pass
		16-QAM	RB1#0	22.15	-1.2	20.95	0.124	1.00	Pass
			RB1#13	22.17	-1.2	20.97	0.125	1.00	Pass
			RB1#24	22.17	-1.2	20.97	0.125	1.00	Pass
			RB12#0	21.1	-1.2	19.90	0.098	1.00	Pass
			RB12#6	21.11	-1.2	19.91	0.098	1.00	Pass
			RB12#13	21.08	-1.2	19.88	0.097	1.00	Pass
			RB25#0	21.01	-1.2	19.81	0.096	1.00	Pass
	MCH	QPSK	RB1#0	22.99	-1.2	21.79	0.151	1.00	Pass
			RB1#13	23.16	-1.2	21.96	0.157	1.00	Pass
			RB1#24	23.01	-1.2	21.81	0.152	1.00	Pass
			RB12#0	22.13	-1.2	20.93	0.124	1.00	Pass
			RB12#6	22.18	-1.2	20.98	0.125	1.00	Pass
			RB12#13	22.12	-1.2	20.92	0.124	1.00	Pass
			RB25#0	22.15	-1.2	20.95	0.124	1.00	Pass
		16-QAM	RB1#0	22.21	-1.2	21.01	0.126	1.00	Pass
			RB1#13	22.36	-1.2	21.16	0.131	1.00	Pass
			RB1#24	22.26	-1.2	21.06	0.128	1.00	Pass
			RB12#0	21.2	-1.2	20.00	0.100	1.00	Pass
			RB12#6	21.22	-1.2	20.02	0.100	1.00	Pass
			RB12#13	21.2	-1.2	20.00	0.100	1.00	Pass
			RB25#0	21.15	-1.2	19.95	0.099	1.00	Pass
	HCH	QPSK	RB1#0	22.94	-1.2	21.74	0.149	1.00	Pass
			RB1#13	22.98	-1.2	21.78	0.151	1.00	Pass
			RB1#24	22.93	-1.2	21.73	0.149	1.00	Pass
			RB12#0	22.01	-1.2	20.81	0.121	1.00	Pass
			RB12#6	21.99	-1.2	20.79	0.120	1.00	Pass
			RB12#13	21.98	-1.2	20.78	0.120	1.00	Pass
			RB25#0	22	-1.2	20.80	0.120	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	22.49	-1.2	21.29	0.135	1.00	Pass
			RB1#13	22.57	-1.2	21.37	0.137	1.00	Pass
			RB1#24	22.5	-1.2	21.30	0.135	1.00	Pass
			RB12#0	21.12	-1.2	19.92	0.098	1.00	Pass
			RB12#6	21.13	-1.2	19.93	0.098	1.00	Pass
			RB12#13	21.13	-1.2	19.93	0.098	1.00	Pass
			RB25#0	21.09	-1.2	19.89	0.097	1.00	Pass
10 MHz	LCH	QPSK	RB1#0	23	-1.2	21.80	0.151	1.00	Pass
			RB1#25	22.91	-1.2	21.71	0.148	1.00	Pass
			RB1#49	22.91	-1.2	21.71	0.148	1.00	Pass
			RB25#0	22.03	-1.2	20.83	0.121	1.00	Pass
			RB25#13	22.04	-1.2	20.84	0.121	1.00	Pass
			RB25#25	22.06	-1.2	20.86	0.122	1.00	Pass
			RB50#0	22.08	-1.2	20.88	0.122	1.00	Pass
		16-QAM	RB1#0	22.07	-1.2	20.87	0.122	1.00	Pass
			RB1#25	21.96	-1.2	20.76	0.119	1.00	Pass
			RB1#49	21.94	-1.2	20.74	0.119	1.00	Pass
			RB25#0	21.15	-1.2	19.95	0.099	1.00	Pass
			RB25#13	21.17	-1.2	19.97	0.099	1.00	Pass
			RB25#25	21.22	-1.2	20.02	0.100	1.00	Pass
			RB50#0	21.09	-1.2	19.89	0.097	1.00	Pass
	MCH	QPSK	RB1#0	23.16	-1.2	21.96	0.157	1.00	Pass
			RB1#25	23.07	-1.2	21.87	0.154	1.00	Pass
			RB1#49	23.07	-1.2	21.87	0.154	1.00	Pass
			RB25#0	22.11	-1.2	20.91	0.123	1.00	Pass
			RB25#13	22.17	-1.2	20.97	0.125	1.00	Pass
			RB25#25	22.08	-1.2	20.88	0.122	1.00	Pass
			RB50#0	22.14	-1.2	20.94	0.124	1.00	Pass
		16-QAM	RB1#0	22.11	-1.2	20.91	0.123	1.00	Pass
			RB1#25	22.21	-1.2	21.01	0.126	1.00	Pass
			RB1#49	22.14	-1.2	20.94	0.124	1.00	Pass
			RB25#0	21.19	-1.2	19.99	0.100	1.00	Pass
			RB25#13	21.19	-1.2	19.99	0.100	1.00	Pass
			RB25#25	21.14	-1.2	19.94	0.099	1.00	Pass
			RB50#0	21.11	-1.2	19.91	0.098	1.00	Pass
	HCH	QPSK	RB1#0	22.98	-1.2	21.78	0.151	1.00	Pass
			RB1#25	22.87	-1.2	21.67	0.147	1.00	Pass
			RB1#49	22.87	-1.2	21.67	0.147	1.00	Pass
			RB25#0	22.02	-1.2	20.82	0.121	1.00	Pass
			RB25#13	22.03	-1.2	20.83	0.121	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	22.04	-1.2	20.84	0.121	1.00	Pass
			RB50#0	22.04	-1.2	20.84	0.121	1.00	Pass
		16-QAM	RB1#0	22.41	-1.2	21.21	0.132	1.00	Pass
			RB1#25	22.39	-1.2	21.19	0.132	1.00	Pass
			RB1#49	22.34	-1.2	21.14	0.130	1.00	Pass
			RB25#0	21.06	-1.2	19.86	0.097	1.00	Pass
			RB25#13	21.1	-1.2	19.90	0.098	1.00	Pass
			RB25#25	21.06	-1.2	19.86	0.097	1.00	Pass
			RB50#0	21.09	-1.2	19.89	0.097	1.00	Pass
15 MHz	LCH	QPSK	RB1#0	23.07	-1.2	21.87	0.154	1.00	Pass
			RB1#38	22.83	-1.2	21.63	0.146	1.00	Pass
			RB1#74	22.92	-1.2	21.72	0.149	1.00	Pass
			RB36#0	22.02	-1.2	20.82	0.121	1.00	Pass
			RB36#19	22.02	-1.2	20.82	0.121	1.00	Pass
			RB36#39	21.97	-1.2	20.77	0.119	1.00	Pass
			RB75#0	22.02	-1.2	20.82	0.121	1.00	Pass
		16-QAM	RB1#0	22.02	-1.2	20.82	0.121	1.00	Pass
			RB1#38	21.9	-1.2	20.70	0.117	1.00	Pass
			RB1#74	21.9	-1.2	20.70	0.117	1.00	Pass
			RB36#0	21	-1.2	19.80	0.095	1.00	Pass
			RB36#19	21.03	-1.2	19.83	0.096	1.00	Pass
			RB36#39	20.92	-1.2	19.72	0.094	1.00	Pass
			RB75#0	21.02	-1.2	19.82	0.096	1.00	Pass
	MCH	QPSK	RB1#0	23.13	-1.2	21.93	0.156	1.00	Pass
			RB1#38	22.99	-1.2	21.79	0.151	1.00	Pass
			RB1#74	22.94	-1.2	21.74	0.149	1.00	Pass
			RB36#0	22.22	-1.2	21.02	0.126	1.00	Pass
			RB36#19	22.13	-1.2	20.93	0.124	1.00	Pass
			RB36#39	22.03	-1.2	20.83	0.121	1.00	Pass
			RB75#0	22.11	-1.2	20.91	0.123	1.00	Pass
		16-QAM	RB1#0	22.63	-1.2	21.43	0.139	1.00	Pass
			RB1#38	22.49	-1.2	21.29	0.135	1.00	Pass
			RB1#74	22.3	-1.2	21.10	0.129	1.00	Pass
			RB36#0	21.29	-1.2	20.09	0.102	1.00	Pass
			RB36#19	21.22	-1.2	20.02	0.100	1.00	Pass
			RB36#39	21.13	-1.2	19.93	0.098	1.00	Pass
			RB75#0	21.17	-1.2	19.97	0.099	1.00	Pass
	HCH	QPSK	RB1#0	23.06	-1.2	21.86	0.153	1.00	Pass
			RB1#38	22.85	-1.2	21.65	0.146	1.00	Pass
			RB1#74	22.76	-1.2	21.56	0.143	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	22.14	-1.2	20.94	0.124	1.00	Pass
			RB36#19	22.04	-1.2	20.84	0.121	1.00	Pass
			RB36#39	21.96	-1.2	20.76	0.119	1.00	Pass
			RB75#0	22.02	-1.2	20.82	0.121	1.00	Pass
		16-QAM	RB1#0	22.66	-1.2	21.46	0.140	1.00	Pass
			RB1#38	22.35	-1.2	21.15	0.130	1.00	Pass
			RB1#74	22.31	-1.2	21.11	0.129	1.00	Pass
			RB36#0	21.13	-1.2	19.93	0.098	1.00	Pass
			RB36#19	21.04	-1.2	19.84	0.096	1.00	Pass
			RB36#39	21.01	-1.2	19.81	0.096	1.00	Pass
			RB75#0	21.07	-1.2	19.87	0.097	1.00	Pass
20 MHz	LCH	QPSK	RB1#0	23.09	-1.2	21.89	0.155	1.00	Pass
			RB1#50	22.92	-1.2	21.72	0.149	1.00	Pass
			RB1#99	23	-1.2	21.80	0.151	1.00	Pass
			RB50#0	22.11	-1.2	20.91	0.123	1.00	Pass
			RB50#25	22.15	-1.2	20.95	0.124	1.00	Pass
			RB50#50	22.07	-1.2	20.87	0.122	1.00	Pass
			RB100#0	22.13	-1.2	20.93	0.124	1.00	Pass
		16-QAM	RB1#0	22.67	-1.2	21.47	0.140	1.00	Pass
			RB1#50	22.56	-1.2	21.36	0.137	1.00	Pass
			RB1#99	22.52	-1.2	21.32	0.136	1.00	Pass
			RB50#0	21.13	-1.2	19.93	0.098	1.00	Pass
			RB50#25	21.14	-1.2	19.94	0.099	1.00	Pass
			RB50#50	21.11	-1.2	19.91	0.098	1.00	Pass
			RB100#0	21.14	-1.2	19.94	0.099	1.00	Pass
	MCH	QPSK	RB1#0	23.19	-1.2	21.99	0.158	1.00	Pass
			RB1#50	23.07	-1.2	21.87	0.154	1.00	Pass
			RB1#99	22.97	-1.2	21.77	0.150	1.00	Pass
			RB50#0	22.25	-1.2	21.05	0.127	1.00	Pass
			RB50#25	22.17	-1.2	20.97	0.125	1.00	Pass
			RB50#50	22.06	-1.2	20.86	0.122	1.00	Pass
			RB100#0	22.13	-1.2	20.93	0.124	1.00	Pass
		16-QAM	RB1#0	22.65	-1.2	21.45	0.140	1.00	Pass
			RB1#50	22.68	-1.2	21.48	0.141	1.00	Pass
			RB1#99	22.55	-1.2	21.35	0.136	1.00	Pass
			RB50#0	21.25	-1.2	20.05	0.101	1.00	Pass
			RB50#25	21.19	-1.2	19.99	0.100	1.00	Pass
			RB50#50	21.11	-1.2	19.91	0.098	1.00	Pass
			RB100#0	21.16	-1.2	19.96	0.099	1.00	Pass
	HCH	QPSK	RB1#0	23.11	-1.2	21.91	0.155	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	22.82	-1.2	21.62	0.145	1.00	Pass
			RB1#99	22.78	-1.2	21.58	0.144	1.00	Pass
			RB50#0	22.21	-1.2	21.01	0.126	1.00	Pass
			RB50#25	22.07	-1.2	20.87	0.122	1.00	Pass
			RB50#50	21.91	-1.2	20.71	0.118	1.00	Pass
			RB100#0	22.1	-1.2	20.90	0.123	1.00	Pass
		16-QAM	RB1#0	22.61	-1.2	21.41	0.138	1.00	Pass
			RB1#50	22.31	-1.2	21.11	0.129	1.00	Pass
			RB1#99	22.27	-1.2	21.07	0.128	1.00	Pass
			RB50#0	21.2	-1.2	20.00	0.100	1.00	Pass
			RB50#25	21.09	-1.2	19.89	0.097	1.00	Pass
			RB50#50	20.87	-1.2	19.67	0.093	1.00	Pass
			RB100#0	21.13	-1.2	19.93	0.098	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	23.21	-2.8	-4.95	18.26	0.067	7.00	Pass
			RB1#3	23.28	-2.8	-4.95	18.33	0.068	7.00	Pass
			RB1#5	23.16	-2.8	-4.95	18.21	0.066	7.00	Pass
			RB3#0	23.27	-2.8	-4.95	18.32	0.068	7.00	Pass
			RB3#2	23.24	-2.8	-4.95	18.29	0.067	7.00	Pass
			RB3#3	23.17	-2.8	-4.95	18.22	0.066	7.00	Pass
			RB6#0	22.27	-2.8	-4.95	17.32	0.054	7.00	Pass
		16-QAM	RB1#0	22.33	-2.8	-4.95	17.38	0.055	7.00	Pass
			RB1#3	22.31	-2.8	-4.95	17.36	0.054	7.00	Pass
			RB1#5	22.27	-2.8	-4.95	17.32	0.054	7.00	Pass
			RB3#0	22.49	-2.8	-4.95	17.54	0.057	7.00	Pass
			RB3#2	22.52	-2.8	-4.95	17.57	0.057	7.00	Pass
			RB3#3	22.43	-2.8	-4.95	17.48	0.056	7.00	Pass
			RB6#0	21.41	-2.8	-4.95	16.46	0.044	7.00	Pass
	MCH	QPSK	RB1#0	23.06	-2.8	-4.95	18.11	0.065	7.00	Pass
			RB1#3	23.16	-2.8	-4.95	18.21	0.066	7.00	Pass
			RB1#5	23.08	-2.8	-4.95	18.13	0.065	7.00	Pass
			RB3#0	23.1	-2.8	-4.95	18.15	0.065	7.00	Pass
			RB3#2	23.18	-2.8	-4.95	18.23	0.067	7.00	Pass
			RB3#3	23.09	-2.8	-4.95	18.14	0.065	7.00	Pass
			RB6#0	22.18	-2.8	-4.95	17.23	0.053	7.00	Pass
		16-QAM	RB1#0	22.29	-2.8	-4.95	17.34	0.054	7.00	Pass
			RB1#3	22.36	-2.8	-4.95	17.41	0.055	7.00	Pass
			RB1#5	22.29	-2.8	-4.95	17.34	0.054	7.00	Pass
			RB3#0	22.16	-2.8	-4.95	17.21	0.053	7.00	Pass
			RB3#2	22.28	-2.8	-4.95	17.33	0.054	7.00	Pass
			RB3#3	22.3	-2.8	-4.95	17.35	0.054	7.00	Pass
			RB6#0	21.34	-2.8	-4.95	16.39	0.044	7.00	Pass
	HCH	QPSK	RB1#0	23.08	-2.8	-4.95	18.13	0.065	7.00	Pass
			RB1#3	23.12	-2.8	-4.95	18.17	0.066	7.00	Pass
			RB1#5	23.06	-2.8	-4.95	18.11	0.065	7.00	Pass
			RB3#0	23.08	-2.8	-4.95	18.13	0.065	7.00	Pass
			RB3#2	23.1	-2.8	-4.95	18.15	0.065	7.00	Pass
			RB3#3	23.02	-2.8	-4.95	18.07	0.064	7.00	Pass
			RB6#0	22.15	-2.8	-4.95	17.20	0.052	7.00	Pass
		16-QAM	RB1#0	22.56	-2.8	-4.95	17.61	0.058	7.00	Pass
			RB1#3	22.55	-2.8	-4.95	17.60	0.058	7.00	Pass
			RB1#5	22.49	-2.8	-4.95	17.54	0.057	7.00	Pass
			RB3#0	22.3	-2.8	-4.95	17.35	0.054	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	22.37	-2.8	-4.95	17.42	0.055	7.00	Pass
			RB3#3	22.28	-2.8	-4.95	17.33	0.054	7.00	Pass
			RB6#0	21.05	-2.8	-4.95	16.10	0.041	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.36	-2.8	-4.95	18.41	0.069	7.00	Pass
			RB1#7	23.35	-2.8	-4.95	18.40	0.069	7.00	Pass
			RB1#14	23.17	-2.8	-4.95	18.22	0.066	7.00	Pass
			RB8#0	22.37	-2.8	-4.95	17.42	0.055	7.00	Pass
			RB8#4	22.36	-2.8	-4.95	17.41	0.055	7.00	Pass
			RB8#7	22.24	-2.8	-4.95	17.29	0.054	7.00	Pass
			RB15#0	22.33	-2.8	-4.95	17.38	0.055	7.00	Pass
		16-QAM	RB1#0	22.42	-2.8	-4.95	17.47	0.056	7.00	Pass
			RB1#7	22.38	-2.8	-4.95	17.43	0.055	7.00	Pass
			RB1#14	22.23	-2.8	-4.95	17.28	0.053	7.00	Pass
			RB8#0	21.44	-2.8	-4.95	16.49	0.045	7.00	Pass
			RB8#4	21.42	-2.8	-4.95	16.47	0.044	7.00	Pass
			RB8#7	21.33	-2.8	-4.95	16.38	0.043	7.00	Pass
			RB15#0	21.28	-2.8	-4.95	16.33	0.043	7.00	Pass
	MCH	QPSK	RB1#0	23.24	-2.8	-4.95	18.29	0.067	7.00	Pass
			RB1#7	23.26	-2.8	-4.95	18.31	0.068	7.00	Pass
			RB1#14	23.13	-2.8	-4.95	18.18	0.066	7.00	Pass
			RB8#0	22.25	-2.8	-4.95	17.30	0.054	7.00	Pass
			RB8#4	22.29	-2.8	-4.95	17.34	0.054	7.00	Pass
			RB8#7	22.24	-2.8	-4.95	17.29	0.054	7.00	Pass
			RB15#0	22.23	-2.8	-4.95	17.28	0.053	7.00	Pass
		16-QAM	RB1#0	22.25	-2.8	-4.95	17.30	0.054	7.00	Pass
			RB1#7	22.29	-2.8	-4.95	17.34	0.054	7.00	Pass
			RB1#14	22.11	-2.8	-4.95	17.16	0.052	7.00	Pass
			RB8#0	21.37	-2.8	-4.95	16.42	0.044	7.00	Pass
			RB8#4	21.4	-2.8	-4.95	16.45	0.044	7.00	Pass
			RB8#7	21.36	-2.8	-4.95	16.41	0.044	7.00	Pass
			RB15#0	21.3	-2.8	-4.95	16.35	0.043	7.00	Pass
	HCH	QPSK	RB1#0	23.26	-2.8	-4.95	18.31	0.068	7.00	Pass
			RB1#7	23.2	-2.8	-4.95	18.25	0.067	7.00	Pass
			RB1#14	23.12	-2.8	-4.95	18.17	0.066	7.00	Pass
			RB8#0	22.27	-2.8	-4.95	17.32	0.054	7.00	Pass
			RB8#4	22.27	-2.8	-4.95	17.32	0.054	7.00	Pass
			RB8#7	22.19	-2.8	-4.95	17.24	0.053	7.00	Pass
			RB15#0	22.26	-2.8	-4.95	17.31	0.054	7.00	Pass
		16-QAM	RB1#0	22.76	-2.8	-4.95	17.81	0.060	7.00	Pass
			RB1#7	22.7	-2.8	-4.95	17.75	0.060	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	22.62	-2.8	-4.95	17.67	0.058	7.00	Pass
			RB8#0	21.35	-2.8	-4.95	16.40	0.044	7.00	Pass
			RB8#4	21.33	-2.8	-4.95	16.38	0.043	7.00	Pass
			RB8#7	21.29	-2.8	-4.95	16.34	0.043	7.00	Pass
			RB15#0	21.27	-2.8	-4.95	16.32	0.043	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.4	-2.8	-4.95	18.45	0.070	7.00	Pass
			RB1#13	23.31	-2.8	-4.95	18.36	0.069	7.00	Pass
			RB1#24	23.22	-2.8	-4.95	18.27	0.067	7.00	Pass
			RB12#0	22.4	-2.8	-4.95	17.45	0.056	7.00	Pass
			RB12#6	22.35	-2.8	-4.95	17.40	0.055	7.00	Pass
			RB12#13	22.26	-2.8	-4.95	17.31	0.054	7.00	Pass
			RB25#0	22.37	-2.8	-4.95	17.42	0.055	7.00	Pass
		16-QAM	RB1#0	22.61	-2.8	-4.95	17.66	0.058	7.00	Pass
			RB1#13	22.48	-2.8	-4.95	17.53	0.057	7.00	Pass
			RB1#24	22.46	-2.8	-4.95	17.51	0.056	7.00	Pass
			RB12#0	21.47	-2.8	-4.95	16.52	0.045	7.00	Pass
			RB12#6	21.43	-2.8	-4.95	16.48	0.044	7.00	Pass
			RB12#13	21.35	-2.8	-4.95	16.40	0.044	7.00	Pass
			RB25#0	21.3	-2.8	-4.95	16.35	0.043	7.00	Pass
	MCH	QPSK	RB1#0	23.29	-2.8	-4.95	18.34	0.068	7.00	Pass
			RB1#13	23.27	-2.8	-4.95	18.32	0.068	7.00	Pass
			RB1#24	23.16	-2.8	-4.95	18.21	0.066	7.00	Pass
			RB12#0	22.32	-2.8	-4.95	17.37	0.055	7.00	Pass
			RB12#6	22.28	-2.8	-4.95	17.33	0.054	7.00	Pass
			RB12#13	22.25	-2.8	-4.95	17.30	0.054	7.00	Pass
			RB25#0	22.2	-2.8	-4.95	17.25	0.053	7.00	Pass
		16-QAM	RB1#0	22.54	-2.8	-4.95	17.59	0.057	7.00	Pass
			RB1#13	22.53	-2.8	-4.95	17.58	0.057	7.00	Pass
			RB1#24	22.43	-2.8	-4.95	17.48	0.056	7.00	Pass
			RB12#0	21.4	-2.8	-4.95	16.45	0.044	7.00	Pass
			RB12#6	21.4	-2.8	-4.95	16.45	0.044	7.00	Pass
			RB12#13	21.34	-2.8	-4.95	16.39	0.044	7.00	Pass
			RB25#0	21.28	-2.8	-4.95	16.33	0.043	7.00	Pass
	HCH	QPSK	RB1#0	23.29	-2.8	-4.95	18.34	0.068	7.00	Pass
			RB1#13	23.25	-2.8	-4.95	18.30	0.068	7.00	Pass
			RB1#24	23.14	-2.8	-4.95	18.19	0.066	7.00	Pass
			RB12#0	22.29	-2.8	-4.95	17.34	0.054	7.00	Pass
			RB12#6	22.25	-2.8	-4.95	17.30	0.054	7.00	Pass
			RB12#13	22.23	-2.8	-4.95	17.28	0.053	7.00	Pass
			RB25#0	22.22	-2.8	-4.95	17.27	0.053	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
		16-QAM	RB1#0	22.84	-2.8	-4.95	17.89	0.062	7.00	Pass
			RB1#13	22.8	-2.8	-4.95	17.85	0.061	7.00	Pass
			RB1#24	22.76	-2.8	-4.95	17.81	0.060	7.00	Pass
			RB12#0	21.44	-2.8	-4.95	16.49	0.045	7.00	Pass
			RB12#6	21.37	-2.8	-4.95	16.42	0.044	7.00	Pass
			RB12#13	21.34	-2.8	-4.95	16.39	0.044	7.00	Pass
			RB25#0	21.26	-2.8	-4.95	16.31	0.043	7.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.36	-2.8	-4.95	18.41	0.069	7.00	Pass
			RB1#25	23.27	-2.8	-4.95	18.32	0.068	7.00	Pass
			RB1#49	23.2	-2.8	-4.95	18.25	0.067	7.00	Pass
			RB25#0	22.27	-2.8	-4.95	17.32	0.054	7.00	Pass
			RB25#13	22.36	-2.8	-4.95	17.41	0.055	7.00	Pass
			RB25#25	22.29	-2.8	-4.95	17.34	0.054	7.00	Pass
			RB50#0	22.35	-2.8	-4.95	17.40	0.055	7.00	Pass
		16-QAM	RB1#0	22.43	-2.8	-4.95	17.48	0.056	7.00	Pass
			RB1#25	22.28	-2.8	-4.95	17.33	0.054	7.00	Pass
			RB1#49	22.23	-2.8	-4.95	17.28	0.053	7.00	Pass
			RB25#0	21.39	-2.8	-4.95	16.44	0.044	7.00	Pass
			RB25#13	21.48	-2.8	-4.95	16.53	0.045	7.00	Pass
			RB25#25	21.35	-2.8	-4.95	16.40	0.044	7.00	Pass
			RB50#0	21.41	-2.8	-4.95	16.46	0.044	7.00	Pass
	MCH	QPSK	RB1#0	23.31	-2.8	-4.95	18.36	0.069	7.00	Pass
			RB1#25	23.17	-2.8	-4.95	18.22	0.066	7.00	Pass
			RB1#49	23.14	-2.8	-4.95	18.19	0.066	7.00	Pass
			RB25#0	22.28	-2.8	-4.95	17.33	0.054	7.00	Pass
			RB25#13	22.36	-2.8	-4.95	17.41	0.055	7.00	Pass
			RB25#25	22.27	-2.8	-4.95	17.32	0.054	7.00	Pass
			RB50#0	22.25	-2.8	-4.95	17.30	0.054	7.00	Pass
		16-QAM	RB1#0	22.31	-2.8	-4.95	17.36	0.054	7.00	Pass
			RB1#25	22.22	-2.8	-4.95	17.27	0.053	7.00	Pass
			RB1#49	22.15	-2.8	-4.95	17.20	0.052	7.00	Pass
			RB25#0	21.33	-2.8	-4.95	16.38	0.043	7.00	Pass
			RB25#13	21.36	-2.8	-4.95	16.41	0.044	7.00	Pass
			RB25#25	21.34	-2.8	-4.95	16.39	0.044	7.00	Pass
			RB50#0	21.22	-2.8	-4.95	16.27	0.042	7.00	Pass
	HCH	QPSK	RB1#0	23.27	-2.8	-4.95	18.32	0.068	7.00	Pass
			RB1#25	23.18	-2.8	-4.95	18.23	0.067	7.00	Pass
			RB1#49	23.12	-2.8	-4.95	18.17	0.066	7.00	Pass
			RB25#0	22.22	-2.8	-4.95	17.27	0.053	7.00	Pass
			RB25#13	22.26	-2.8	-4.95	17.31	0.054	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	22.26	-2.8	-4.95	17.31	0.054	7.00	Pass
			RB50#0	22.24	-2.8	-4.95	17.29	0.054	7.00	Pass
		16-QAM	RB1#0	22.74	-2.8	-4.95	17.79	0.060	7.00	Pass
			RB1#25	22.68	-2.8	-4.95	17.73	0.059	7.00	Pass
			RB1#49	22.55	-2.8	-4.95	17.60	0.058	7.00	Pass
			RB25#0	21.33	-2.8	-4.95	16.38	0.043	7.00	Pass
			RB25#13	21.3	-2.8	-4.95	16.35	0.043	7.00	Pass
			RB25#25	21.3	-2.8	-4.95	16.35	0.043	7.00	Pass
			RB50#0	21.29	-2.8	-4.95	16.34	0.043	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	23.36	-0.9	22.46	0.176	2.00	Pass
			RB1#13	23.34	-0.9	22.44	0.175	2.00	Pass
			RB1#24	23.3	-0.9	22.40	0.174	2.00	Pass
			RB12#0	22.48	-0.9	21.58	0.144	2.00	Pass
			RB12#6	22.46	-0.9	21.56	0.143	2.00	Pass
			RB12#13	22.43	-0.9	21.53	0.142	2.00	Pass
			RB25#0	22.42	-0.9	21.52	0.142	2.00	Pass
		16-QAM	RB1#0	22.59	-0.9	21.69	0.148	2.00	Pass
			RB1#13	22.61	-0.9	21.71	0.148	2.00	Pass
			RB1#24	22.6	-0.9	21.70	0.148	2.00	Pass
			RB12#0	21.56	-0.9	20.66	0.116	2.00	Pass
			RB12#6	21.54	-0.9	20.64	0.116	2.00	Pass
			RB12#13	21.49	-0.9	20.59	0.115	2.00	Pass
			RB25#0	21.49	-0.9	20.59	0.115	2.00	Pass
	MCH	QPSK	RB1#0	23.45	-0.9	22.55	0.180	2.00	Pass
			RB1#13	23.52	-0.9	22.62	0.183	2.00	Pass
			RB1#24	23.47	-0.9	22.57	0.181	2.00	Pass
			RB12#0	22.53	-0.9	21.63	0.146	2.00	Pass
			RB12#6	22.5	-0.9	21.60	0.145	2.00	Pass
			RB12#13	22.56	-0.9	21.66	0.147	2.00	Pass
			RB25#0	22.52	-0.9	21.62	0.145	2.00	Pass
		16-QAM	RB1#0	23	-0.9	22.10	0.162	2.00	Pass
			RB1#13	23.13	-0.9	22.23	0.167	2.00	Pass
			RB1#24	23.05	-0.9	22.15	0.164	2.00	Pass
			RB12#0	21.65	-0.9	20.75	0.119	2.00	Pass
			RB12#6	21.65	-0.9	20.75	0.119	2.00	Pass
			RB12#13	21.69	-0.9	20.79	0.120	2.00	Pass
			RB25#0	21.6	-0.9	20.70	0.117	2.00	Pass
	HCH	QPSK	RB1#0	23.35	-0.9	22.45	0.176	2.00	Pass
			RB1#13	23.36	-0.9	22.46	0.176	2.00	Pass
			RB1#24	23.31	-0.9	22.41	0.174	2.00	Pass
			RB12#0	22.44	-0.9	21.54	0.143	2.00	Pass
			RB12#6	22.4	-0.9	21.50	0.141	2.00	Pass
			RB12#13	22.39	-0.9	21.49	0.141	2.00	Pass
			RB25#0	22.39	-0.9	21.49	0.141	2.00	Pass
		16-QAM	RB1#0	22.57	-0.9	21.67	0.147	2.00	Pass
			RB1#13	22.6	-0.9	21.70	0.148	2.00	Pass
			RB1#24	22.52	-0.9	21.62	0.145	2.00	Pass
			RB12#0	21.5	-0.9	20.60	0.115	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	21.49	-0.9	20.59	0.115	2.00	Pass
			RB12#13	21.47	-0.9	20.57	0.114	2.00	Pass
			RB25#0	21.38	-0.9	20.48	0.112	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.37	-0.9	22.47	0.177	2.00	Pass
			RB1#25	23.32	-0.9	22.42	0.175	2.00	Pass
			RB1#49	23.31	-0.9	22.41	0.174	2.00	Pass
			RB25#0	22.47	-0.9	21.57	0.144	2.00	Pass
			RB25#13	22.53	-0.9	21.63	0.146	2.00	Pass
			RB25#25	22.46	-0.9	21.56	0.143	2.00	Pass
			RB50#0	22.47	-0.9	21.57	0.144	2.00	Pass
		16-QAM	RB1#0	22.48	-0.9	21.58	0.144	2.00	Pass
			RB1#25	22.35	-0.9	21.45	0.140	2.00	Pass
			RB1#49	22.32	-0.9	21.42	0.139	2.00	Pass
			RB25#0	21.47	-0.9	20.57	0.114	2.00	Pass
			RB25#13	21.51	-0.9	20.61	0.115	2.00	Pass
			RB25#25	21.46	-0.9	20.56	0.114	2.00	Pass
			RB50#0	21.45	-0.9	20.55	0.114	2.00	Pass
	MCH	QPSK	RB1#0	23.38	-0.9	22.48	0.177	2.00	Pass
			RB1#25	23.4	-0.9	22.50	0.178	2.00	Pass
			RB1#49	23.34	-0.9	22.44	0.175	2.00	Pass
			RB25#0	22.52	-0.9	21.62	0.145	2.00	Pass
			RB25#13	22.49	-0.9	21.59	0.144	2.00	Pass
			RB25#25	22.57	-0.9	21.67	0.147	2.00	Pass
			RB50#0	22.52	-0.9	21.62	0.145	2.00	Pass
		16-QAM	RB1#0	22.88	-0.9	21.98	0.158	2.00	Pass
			RB1#25	22.86	-0.9	21.96	0.157	2.00	Pass
			RB1#49	22.86	-0.9	21.96	0.157	2.00	Pass
			RB25#0	21.57	-0.9	20.67	0.117	2.00	Pass
			RB25#13	21.55	-0.9	20.65	0.116	2.00	Pass
			RB25#25	21.64	-0.9	20.74	0.119	2.00	Pass
			RB50#0	21.53	-0.9	20.63	0.116	2.00	Pass
	HCH	QPSK	RB1#0	23.39	-0.9	22.49	0.177	2.00	Pass
			RB1#25	23.35	-0.9	22.45	0.176	2.00	Pass
			RB1#49	23.28	-0.9	22.38	0.173	2.00	Pass
			RB25#0	22.49	-0.9	21.59	0.144	2.00	Pass
			RB25#13	22.43	-0.9	21.53	0.142	2.00	Pass
			RB25#25	22.4	-0.9	21.50	0.141	2.00	Pass
			RB50#0	22.45	-0.9	21.55	0.143	2.00	Pass
		16-QAM	RB1#0	22.45	-0.9	21.55	0.143	2.00	Pass
			RB1#25	22.34	-0.9	21.44	0.139	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	22.33	-0.9	21.43	0.139	2.00	Pass
			RB25#0	21.55	-0.9	20.65	0.116	2.00	Pass
			RB25#13	21.57	-0.9	20.67	0.117	2.00	Pass
			RB25#25	21.54	-0.9	20.64	0.116	2.00	Pass
			RB50#0	21.5	-0.9	20.60	0.115	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	23.41	-0.9	22.51	0.178	2.00	Pass
			RB1#38	23.37	-0.9	22.47	0.177	2.00	Pass
			RB1#74	23.32	-0.9	22.42	0.175	2.00	Pass
			RB36#0	22.41	-0.9	21.51	0.142	2.00	Pass
			RB36#19	22.48	-0.9	21.58	0.144	2.00	Pass
			RB36#39	22.44	-0.9	21.54	0.143	2.00	Pass
			RB75#0	22.46	-0.9	21.56	0.143	2.00	Pass
		16-QAM	RB1#0	22.48	-0.9	21.58	0.144	2.00	Pass
			RB1#38	22.46	-0.9	21.56	0.143	2.00	Pass
			RB1#74	22.41	-0.9	21.51	0.142	2.00	Pass
			RB36#0	21.41	-0.9	20.51	0.112	2.00	Pass
			RB36#19	21.48	-0.9	20.58	0.114	2.00	Pass
			RB36#39	21.44	-0.9	20.54	0.113	2.00	Pass
			RB75#0	21.44	-0.9	20.54	0.113	2.00	Pass
	MCH	QPSK	RB1#0	23.51	-0.9	22.61	0.182	2.00	Pass
			RB1#38	23.44	-0.9	22.54	0.179	2.00	Pass
			RB1#74	23.38	-0.9	22.48	0.177	2.00	Pass
			RB36#0	22.54	-0.9	21.64	0.146	2.00	Pass
			RB36#19	22.5	-0.9	21.60	0.145	2.00	Pass
			RB36#39	22.54	-0.9	21.64	0.146	2.00	Pass
			RB75#0	22.49	-0.9	21.59	0.144	2.00	Pass
		16-QAM	RB1#0	22.98	-0.9	22.08	0.161	2.00	Pass
			RB1#38	22.92	-0.9	22.02	0.159	2.00	Pass
			RB1#74	22.86	-0.9	21.96	0.157	2.00	Pass
			RB36#0	21.56	-0.9	20.66	0.116	2.00	Pass
			RB36#19	21.6	-0.9	20.70	0.117	2.00	Pass
			RB36#39	21.57	-0.9	20.67	0.117	2.00	Pass
			RB75#0	21.52	-0.9	20.62	0.115	2.00	Pass
	HCH	QPSK	RB1#0	23.47	-0.9	22.57	0.181	2.00	Pass
			RB1#38	23.35	-0.9	22.45	0.176	2.00	Pass
			RB1#74	23.27	-0.9	22.37	0.173	2.00	Pass
			RB36#0	22.48	-0.9	21.58	0.144	2.00	Pass
			RB36#19	22.43	-0.9	21.53	0.142	2.00	Pass
			RB36#39	22.38	-0.9	21.48	0.141	2.00	Pass
			RB75#0	22.43	-0.9	21.53	0.142	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	22.94	-0.9	22.04	0.160	2.00	Pass
			RB1#38	22.89	-0.9	21.99	0.158	2.00	Pass
			RB1#74	22.79	-0.9	21.89	0.155	2.00	Pass
			RB36#0	21.47	-0.9	20.57	0.114	2.00	Pass
			RB36#19	21.47	-0.9	20.57	0.114	2.00	Pass
			RB36#39	21.4	-0.9	20.50	0.112	2.00	Pass
			RB75#0	21.44	-0.9	20.54	0.113	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	23.46	-0.9	22.56	0.180	2.00	Pass
			RB1#50	23.35	-0.9	22.45	0.176	2.00	Pass
			RB1#99	23.33	-0.9	22.43	0.175	2.00	Pass
			RB50#0	22.43	-0.9	21.53	0.142	2.00	Pass
			RB50#25	22.51	-0.9	21.61	0.145	2.00	Pass
			RB50#50	22.46	-0.9	21.56	0.143	2.00	Pass
			RB100#0	22.49	-0.9	21.59	0.144	2.00	Pass
		16-QAM	RB1#0	23.16	-0.9	22.26	0.168	2.00	Pass
			RB1#50	22.92	-0.9	22.02	0.159	2.00	Pass
			RB1#99	22.9	-0.9	22.00	0.158	2.00	Pass
			RB50#0	21.46	-0.9	20.56	0.114	2.00	Pass
			RB50#25	21.54	-0.9	20.64	0.116	2.00	Pass
			RB50#50	21.48	-0.9	20.58	0.114	2.00	Pass
			RB100#0	21.51	-0.9	20.61	0.115	2.00	Pass
	MCH	QPSK	RB1#0	23.59	-0.9	22.69	0.186	2.00	Pass
			RB1#50	23.52	-0.9	22.62	0.183	2.00	Pass
			RB1#99	23.4	-0.9	22.50	0.178	2.00	Pass
			RB50#0	22.58	-0.9	21.68	0.147	2.00	Pass
			RB50#25	22.53	-0.9	21.63	0.146	2.00	Pass
			RB50#50	22.47	-0.9	21.57	0.144	2.00	Pass
			RB100#0	22.51	-0.9	21.61	0.145	2.00	Pass
		16-QAM	RB1#0	23.04	-0.9	22.14	0.164	2.00	Pass
			RB1#50	22.98	-0.9	22.08	0.161	2.00	Pass
			RB1#99	22.87	-0.9	21.97	0.157	2.00	Pass
			RB50#0	21.58	-0.9	20.68	0.117	2.00	Pass
			RB50#25	21.59	-0.9	20.69	0.117	2.00	Pass
			RB50#50	21.52	-0.9	20.62	0.115	2.00	Pass
			RB100#0	21.53	-0.9	20.63	0.116	2.00	Pass
	HCH	QPSK	RB1#0	23.38	-0.9	22.48	0.177	2.00	Pass
			RB1#50	23.27	-0.9	22.37	0.173	2.00	Pass
			RB1#99	23.22	-0.9	22.32	0.171	2.00	Pass
			RB50#0	22.52	-0.9	21.62	0.145	2.00	Pass
			RB50#25	22.47	-0.9	21.57	0.144	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
			RB50#50	22.38	-0.9	21.48	0.141	2.00	Pass
			RB100#0	22.46	-0.9	21.56	0.143	2.00	Pass
		16-QAM	RB1#0	22.86	-0.9	21.96	0.157	2.00	Pass
			RB1#50	22.77	-0.9	21.87	0.154	2.00	Pass
			RB1#99	22.7	-0.9	21.80	0.151	2.00	Pass
			RB50#0	21.47	-0.9	20.57	0.114	2.00	Pass
			RB50#25	21.43	-0.9	20.53	0.113	2.00	Pass
			RB50#50	21.39	-0.9	20.49	0.112	2.00	Pass
			RB100#0	21.46	-0.9	20.56	0.114	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	23.26	-3.2	-5.35	17.91	0.062	3.00	Pass
			RB1#3	23.29	-3.2	-5.35	17.94	0.062	3.00	Pass
			RB1#5	23.27	-3.2	-5.35	17.92	0.062	3.00	Pass
			RB3#0	23.24	-3.2	-5.35	17.89	0.062	3.00	Pass
			RB3#2	23.29	-3.2	-5.35	17.94	0.062	3.00	Pass
			RB3#3	23.21	-3.2	-5.35	17.86	0.061	3.00	Pass
			RB6#0	22.32	-3.2	-5.35	16.97	0.050	3.00	Pass
		16-QAM	RB1#0	22.73	-3.2	-5.35	17.38	0.055	3.00	Pass
			RB1#3	22.73	-3.2	-5.35	17.38	0.055	3.00	Pass
			RB1#5	22.69	-3.2	-5.35	17.34	0.054	3.00	Pass
			RB3#0	22.56	-3.2	-5.35	17.21	0.053	3.00	Pass
			RB3#2	22.55	-3.2	-5.35	17.20	0.052	3.00	Pass
			RB3#3	22.48	-3.2	-5.35	17.13	0.052	3.00	Pass
			RB6#0	21.26	-3.2	-5.35	15.91	0.039	3.00	Pass
	MCH	QPSK	RB1#0	23.21	-3.2	-5.35	17.86	0.061	3.00	Pass
			RB1#3	23.29	-3.2	-5.35	17.94	0.062	3.00	Pass
			RB1#5	23.23	-3.2	-5.35	17.88	0.061	3.00	Pass
			RB3#0	23.25	-3.2	-5.35	17.90	0.062	3.00	Pass
			RB3#2	23.34	-3.2	-5.35	17.99	0.063	3.00	Pass
			RB3#3	23.26	-3.2	-5.35	17.91	0.062	3.00	Pass
			RB6#0	22.31	-3.2	-5.35	16.96	0.050	3.00	Pass
		16-QAM	RB1#0	22.34	-3.2	-5.35	16.99	0.050	3.00	Pass
			RB1#3	22.4	-3.2	-5.35	17.05	0.051	3.00	Pass
			RB1#5	22.36	-3.2	-5.35	17.01	0.050	3.00	Pass
			RB3#0	22.5	-3.2	-5.35	17.15	0.052	3.00	Pass
			RB3#2	22.55	-3.2	-5.35	17.20	0.052	3.00	Pass
			RB3#3	22.53	-3.2	-5.35	17.18	0.052	3.00	Pass
			RB6#0	21.5	-3.2	-5.35	16.15	0.041	3.00	Pass
	HCH	QPSK	RB1#0	23.28	-3.2	-5.35	17.93	0.062	3.00	Pass
			RB1#3	23.27	-3.2	-5.35	17.92	0.062	3.00	Pass
			RB1#5	23.18	-3.2	-5.35	17.83	0.061	3.00	Pass
			RB3#0	23.29	-3.2	-5.35	17.94	0.062	3.00	Pass
			RB3#2	23.3	-3.2	-5.35	17.95	0.062	3.00	Pass
			RB3#3	23.21	-3.2	-5.35	17.86	0.061	3.00	Pass
			RB6#0	22.33	-3.2	-5.35	16.98	0.050	3.00	Pass
		16-QAM	RB1#0	22.48	-3.2	-5.35	17.13	0.052	3.00	Pass
			RB1#3	22.52	-3.2	-5.35	17.17	0.052	3.00	Pass
			RB1#5	22.43	-3.2	-5.35	17.08	0.051	3.00	Pass
			RB3#0	22.4	-3.2	-5.35	17.05	0.051	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	22.46	-3.2	-5.35	17.11	0.051	3.00	Pass
			RB3#3	22.37	-3.2	-5.35	17.02	0.050	3.00	Pass
			RB6#0	21.45	-3.2	-5.35	16.10	0.041	3.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.41	-3.2	-5.35	18.06	0.064	3.00	Pass
			RB1#7	23.38	-3.2	-5.35	18.03	0.064	3.00	Pass
			RB1#14	23.29	-3.2	-5.35	17.94	0.062	3.00	Pass
			RB8#0	22.45	-3.2	-5.35	17.10	0.051	3.00	Pass
			RB8#4	22.4	-3.2	-5.35	17.05	0.051	3.00	Pass
			RB8#7	22.36	-3.2	-5.35	17.01	0.050	3.00	Pass
			RB15#0	22.42	-3.2	-5.35	17.07	0.051	3.00	Pass
		16-QAM	RB1#0	22.43	-3.2	-5.35	17.08	0.051	3.00	Pass
			RB1#7	22.39	-3.2	-5.35	17.04	0.051	3.00	Pass
			RB1#14	22.35	-3.2	-5.35	17.00	0.050	3.00	Pass
			RB8#0	21.52	-3.2	-5.35	16.17	0.041	3.00	Pass
			RB8#4	21.53	-3.2	-5.35	16.18	0.041	3.00	Pass
			RB8#7	21.45	-3.2	-5.35	16.10	0.041	3.00	Pass
			RB15#0	21.43	-3.2	-5.35	16.08	0.041	3.00	Pass
	MCH	QPSK	RB1#0	23.37	-3.2	-5.35	18.02	0.063	3.00	Pass
			RB1#7	23.39	-3.2	-5.35	18.04	0.064	3.00	Pass
			RB1#14	23.36	-3.2	-5.35	18.01	0.063	3.00	Pass
			RB8#0	22.43	-3.2	-5.35	17.08	0.051	3.00	Pass
			RB8#4	22.47	-3.2	-5.35	17.12	0.052	3.00	Pass
			RB8#7	22.38	-3.2	-5.35	17.03	0.050	3.00	Pass
			RB15#0	22.38	-3.2	-5.35	17.03	0.050	3.00	Pass
		16-QAM	RB1#0	22.8	-3.2	-5.35	17.45	0.056	3.00	Pass
			RB1#7	22.85	-3.2	-5.35	17.50	0.056	3.00	Pass
			RB1#14	22.74	-3.2	-5.35	17.39	0.055	3.00	Pass
			RB8#0	21.45	-3.2	-5.35	16.10	0.041	3.00	Pass
			RB8#4	21.56	-3.2	-5.35	16.21	0.042	3.00	Pass
			RB8#7	21.48	-3.2	-5.35	16.13	0.041	3.00	Pass
			RB15#0	21.42	-3.2	-5.35	16.07	0.040	3.00	Pass
	HCH	QPSK	RB1#0	23.4	-3.2	-5.35	18.05	0.064	3.00	Pass
			RB1#7	23.42	-3.2	-5.35	18.07	0.064	3.00	Pass
			RB1#14	23.34	-3.2	-5.35	17.99	0.063	3.00	Pass
			RB8#0	22.41	-3.2	-5.35	17.06	0.051	3.00	Pass
			RB8#4	22.46	-3.2	-5.35	17.11	0.051	3.00	Pass
			RB8#7	22.38	-3.2	-5.35	17.03	0.050	3.00	Pass
			RB15#0	22.42	-3.2	-5.35	17.07	0.051	3.00	Pass
		16-QAM	RB1#0	22.55	-3.2	-5.35	17.20	0.052	3.00	Pass
			RB1#7	22.48	-3.2	-5.35	17.13	0.052	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	22.42	-3.2	-5.35	17.07	0.051	3.00	Pass
			RB8#0	21.5	-3.2	-5.35	16.15	0.041	3.00	Pass
			RB8#4	21.53	-3.2	-5.35	16.18	0.041	3.00	Pass
			RB8#7	21.47	-3.2	-5.35	16.12	0.041	3.00	Pass
			RB15#0	21.36	-3.2	-5.35	16.01	0.040	3.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.41	-3.2	-5.35	18.06	0.064	3.00	Pass
			RB1#13	23.34	-3.2	-5.35	17.99	0.063	3.00	Pass
			RB1#24	23.27	-3.2	-5.35	17.92	0.062	3.00	Pass
			RB12#0	22.45	-3.2	-5.35	17.10	0.051	3.00	Pass
			RB12#6	22.42	-3.2	-5.35	17.07	0.051	3.00	Pass
			RB12#13	22.37	-3.2	-5.35	17.02	0.050	3.00	Pass
			RB25#0	22.4	-3.2	-5.35	17.05	0.051	3.00	Pass
		16-QAM	RB1#0	22.65	-3.2	-5.35	17.30	0.054	3.00	Pass
			RB1#13	22.62	-3.2	-5.35	17.27	0.053	3.00	Pass
			RB1#24	22.57	-3.2	-5.35	17.22	0.053	3.00	Pass
			RB12#0	21.54	-3.2	-5.35	16.19	0.042	3.00	Pass
			RB12#6	21.5	-3.2	-5.35	16.15	0.041	3.00	Pass
			RB12#13	21.47	-3.2	-5.35	16.12	0.041	3.00	Pass
			RB25#0	21.46	-3.2	-5.35	16.11	0.041	3.00	Pass
	MCH	QPSK	RB1#0	23.42	-3.2	-5.35	18.07	0.064	3.00	Pass
			RB1#13	23.42	-3.2	-5.35	18.07	0.064	3.00	Pass
			RB1#24	23.37	-3.2	-5.35	18.02	0.063	3.00	Pass
			RB12#0	22.39	-3.2	-5.35	17.04	0.051	3.00	Pass
			RB12#6	22.45	-3.2	-5.35	17.10	0.051	3.00	Pass
			RB12#13	22.39	-3.2	-5.35	17.04	0.051	3.00	Pass
			RB25#0	22.37	-3.2	-5.35	17.02	0.050	3.00	Pass
		16-QAM	RB1#0	22.95	-3.2	-5.35	17.60	0.058	3.00	Pass
			RB1#13	22.98	-3.2	-5.35	17.63	0.058	3.00	Pass
			RB1#24	22.96	-3.2	-5.35	17.61	0.058	3.00	Pass
			RB12#0	21.59	-3.2	-5.35	16.24	0.042	3.00	Pass
			RB12#6	21.57	-3.2	-5.35	16.22	0.042	3.00	Pass
			RB12#13	21.58	-3.2	-5.35	16.23	0.042	3.00	Pass
			RB25#0	21.44	-3.2	-5.35	16.09	0.041	3.00	Pass
	HCH	QPSK	RB1#0	23.34	-3.2	-5.35	17.99	0.063	3.00	Pass
			RB1#13	23.41	-3.2	-5.35	18.06	0.064	3.00	Pass
			RB1#24	23.33	-3.2	-5.35	17.98	0.063	3.00	Pass
			RB12#0	22.46	-3.2	-5.35	17.11	0.051	3.00	Pass
			RB12#6	22.42	-3.2	-5.35	17.07	0.051	3.00	Pass
			RB12#13	22.39	-3.2	-5.35	17.04	0.051	3.00	Pass
			RB25#0	22.42	-3.2	-5.35	17.07	0.051	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	22.61	-3.2	-5.35	17.26	0.053	3.00	Pass
			RB1#13	22.64	-3.2	-5.35	17.29	0.054	3.00	Pass
			RB1#24	22.57	-3.2	-5.35	17.22	0.053	3.00	Pass
			RB12#0	21.54	-3.2	-5.35	16.19	0.042	3.00	Pass
			RB12#6	21.49	-3.2	-5.35	16.14	0.041	3.00	Pass
			RB12#13	21.45	-3.2	-5.35	16.10	0.041	3.00	Pass
			RB25#0	21.39	-3.2	-5.35	16.04	0.040	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.38	-3.2	-5.35	18.03	0.064	3.00	Pass
			RB1#25	23.28	-3.2	-5.35	17.93	0.062	3.00	Pass
			RB1#49	23.31	-3.2	-5.35	17.96	0.063	3.00	Pass
			RB25#0	22.4	-3.2	-5.35	17.05	0.051	3.00	Pass
			RB25#13	22.46	-3.2	-5.35	17.11	0.051	3.00	Pass
			RB25#25	22.4	-3.2	-5.35	17.05	0.051	3.00	Pass
			RB50#0	22.47	-3.2	-5.35	17.12	0.052	3.00	Pass
		16-QAM	RB1#0	22.41	-3.2	-5.35	17.06	0.051	3.00	Pass
			RB1#25	22.3	-3.2	-5.35	16.95	0.050	3.00	Pass
			RB1#49	22.31	-3.2	-5.35	16.96	0.050	3.00	Pass
			RB25#0	21.42	-3.2	-5.35	16.07	0.040	3.00	Pass
			RB25#13	21.5	-3.2	-5.35	16.15	0.041	3.00	Pass
			RB25#25	21.45	-3.2	-5.35	16.10	0.041	3.00	Pass
			RB50#0	21.45	-3.2	-5.35	16.10	0.041	3.00	Pass
	MCH	QPSK	RB1#0	23.29	-3.2	-5.35	17.94	0.062	3.00	Pass
			RB1#25	23.27	-3.2	-5.35	17.92	0.062	3.00	Pass
			RB1#49	23.24	-3.2	-5.35	17.89	0.062	3.00	Pass
			RB25#0	22.38	-3.2	-5.35	17.03	0.050	3.00	Pass
			RB25#13	22.41	-3.2	-5.35	17.06	0.051	3.00	Pass
			RB25#25	22.45	-3.2	-5.35	17.10	0.051	3.00	Pass
			RB50#0	22.41	-3.2	-5.35	17.06	0.051	3.00	Pass
		16-QAM	RB1#0	22.77	-3.2	-5.35	17.42	0.055	3.00	Pass
			RB1#25	22.81	-3.2	-5.35	17.46	0.056	3.00	Pass
			RB1#49	22.72	-3.2	-5.35	17.37	0.055	3.00	Pass
			RB25#0	21.46	-3.2	-5.35	16.11	0.041	3.00	Pass
			RB25#13	21.46	-3.2	-5.35	16.11	0.041	3.00	Pass
			RB25#25	21.44	-3.2	-5.35	16.09	0.041	3.00	Pass
			RB50#0	21.43	-3.2	-5.35	16.08	0.041	3.00	Pass
	HCH	QPSK	RB1#0	23.35	-3.2	-5.35	18.00	0.063	3.00	Pass
			RB1#25	23.38	-3.2	-5.35	18.03	0.064	3.00	Pass
			RB1#49	23.3	-3.2	-5.35	17.95	0.062	3.00	Pass
			RB25#0	22.46	-3.2	-5.35	17.11	0.051	3.00	Pass
			RB25#13	22.34	-3.2	-5.35	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 BAND12										
			RB25#25	22.45	-3.2	-5.35	17.10	0.051	3.00	Pass
			RB50#0	22.39	-3.2	-5.35	17.04	0.051	3.00	Pass
		16-QAM	RB1#0	22.46	-3.2	-5.35	17.11	0.051	3.00	Pass
			RB1#25	22.41	-3.2	-5.35	17.06	0.051	3.00	Pass
			RB1#49	22.36	-3.2	-5.35	17.01	0.050	3.00	Pass
			RB25#0	21.55	-3.2	-5.35	16.20	0.042	3.00	Pass
			RB25#13	21.47	-3.2	-5.35	16.12	0.041	3.00	Pass
			RB25#25	21.55	-3.2	-5.35	16.20	0.042	3.00	Pass
			RB50#0	21.46	-3.2	-5.35	16.11	0.041	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	23.24	-3.2	-5.35	17.89	0.062	3.00	Pass
			RB1#13	23.3	-3.2	-5.35	17.95	0.062	3.00	Pass
			RB1#24	23.29	-3.2	-5.35	17.94	0.062	3.00	Pass
			RB12#0	22.29	-3.2	-5.35	16.94	0.049	3.00	Pass
			RB12#6	22.36	-3.2	-5.35	17.01	0.050	3.00	Pass
			RB12#13	22.37	-3.2	-5.35	17.02	0.050	3.00	Pass
			RB25#0	22.35	-3.2	-5.35	17.00	0.050	3.00	Pass
		16-QAM	RB1#0	22.52	-3.2	-5.35	17.17	0.052	3.00	Pass
			RB1#13	22.56	-3.2	-5.35	17.21	0.053	3.00	Pass
			RB1#24	22.63	-3.2	-5.35	17.28	0.053	3.00	Pass
			RB12#0	21.35	-3.2	-5.35	16.00	0.040	3.00	Pass
			RB12#6	21.44	-3.2	-5.35	16.09	0.041	3.00	Pass
			RB12#13	21.45	-3.2	-5.35	16.10	0.041	3.00	Pass
			RB25#0	21.42	-3.2	-5.35	16.07	0.040	3.00	Pass
	MCH	QPSK	RB1#0	23.3	-3.2	-5.35	17.95	0.062	3.00	Pass
			RB1#13	23.37	-3.2	-5.35	18.02	0.063	3.00	Pass
			RB1#24	23.38	-3.2	-5.35	18.03	0.064	3.00	Pass
			RB12#0	22.34	-3.2	-5.35	16.99	0.050	3.00	Pass
			RB12#6	22.34	-3.2	-5.35	16.99	0.050	3.00	Pass
			RB12#13	22.41	-3.2	-5.35	17.06	0.051	3.00	Pass
			RB25#0	22.33	-3.2	-5.35	16.98	0.050	3.00	Pass
		16-QAM	RB1#0	22.85	-3.2	-5.35	17.50	0.056	3.00	Pass
			RB1#13	22.95	-3.2	-5.35	17.60	0.058	3.00	Pass
			RB1#24	22.97	-3.2	-5.35	17.62	0.058	3.00	Pass
			RB12#0	21.5	-3.2	-5.35	16.15	0.041	3.00	Pass
			RB12#6	21.5	-3.2	-5.35	16.15	0.041	3.00	Pass
			RB12#13	21.56	-3.2	-5.35	16.21	0.042	3.00	Pass
			RB25#0	21.42	-3.2	-5.35	16.07	0.040	3.00	Pass
	HCH	QPSK	RB1#0	23.29	-3.2	-5.35	17.94	0.062	3.00	Pass
			RB1#13	23.37	-3.2	-5.35	18.02	0.063	3.00	Pass
			RB1#24	23.35	-3.2	-5.35	18.00	0.063	3.00	Pass
			RB12#0	22.35	-3.2	-5.35	17.00	0.050	3.00	Pass
			RB12#6	22.43	-3.2	-5.35	17.08	0.051	3.00	Pass
			RB12#13	22.42	-3.2	-5.35	17.07	0.051	3.00	Pass
			RB25#0	22.41	-3.2	-5.35	17.06	0.051	3.00	Pass
		16-QAM	RB1#0	22.53	-3.2	-5.35	17.18	0.052	3.00	Pass
			RB1#13	22.64	-3.2	-5.35	17.29	0.054	3.00	Pass
			RB1#24	22.59	-3.2	-5.35	17.24	0.053	3.00	Pass
			RB12#0	21.44	-3.2	-5.35	16.09	0.041	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	21.52	-3.2	-5.35	16.17	0.041	3.00	Pass
			RB12#13	21.45	-3.2	-5.35	16.10	0.041	3.00	Pass
			RB25#0	21.33	-3.2	-5.35	15.98	0.040	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.22	-3.2	-5.35	17.87	0.061	3.00	Pass
			RB1#25	23.27	-3.2	-5.35	17.92	0.062	3.00	Pass
			RB1#49	23.3	-3.2	-5.35	17.95	0.062	3.00	Pass
			RB25#0	22.29	-3.2	-5.35	16.94	0.049	3.00	Pass
			RB25#13	22.41	-3.2	-5.35	17.06	0.051	3.00	Pass
			RB25#25	22.38	-3.2	-5.35	17.03	0.050	3.00	Pass
			RB50#0	22.42	-3.2	-5.35	17.07	0.051	3.00	Pass
		16-QAM	RB1#0	22.26	-3.2	-5.35	16.91	0.049	3.00	Pass
			RB1#25	22.27	-3.2	-5.35	16.92	0.049	3.00	Pass
			RB1#49	22.3	-3.2	-5.35	16.95	0.050	3.00	Pass
			RB25#0	21.34	-3.2	-5.35	15.99	0.040	3.00	Pass
			RB25#13	21.41	-3.2	-5.35	16.06	0.040	3.00	Pass
			RB25#25	21.43	-3.2	-5.35	16.08	0.041	3.00	Pass
			RB50#0	21.38	-3.2	-5.35	16.03	0.040	3.00	Pass
	MCH	QPSK	RB1#0	23.2	-3.2	-5.35	17.85	0.061	3.00	Pass
			RB1#25	23.2	-3.2	-5.35	17.85	0.061	3.00	Pass
			RB1#49	23.27	-3.2	-5.35	17.92	0.062	3.00	Pass
			RB25#0	22.31	-3.2	-5.35	16.96	0.050	3.00	Pass
			RB25#13	22.36	-3.2	-5.35	17.01	0.050	3.00	Pass
			RB25#25	22.37	-3.2	-5.35	17.02	0.050	3.00	Pass
			RB50#0	22.35	-3.2	-5.35	17.00	0.050	3.00	Pass
		16-QAM	RB1#0	22.63	-3.2	-5.35	17.28	0.053	3.00	Pass
			RB1#25	22.7	-3.2	-5.35	17.35	0.054	3.00	Pass
			RB1#49	22.76	-3.2	-5.35	17.41	0.055	3.00	Pass
			RB25#0	21.4	-3.2	-5.35	16.05	0.040	3.00	Pass
			RB25#13	21.35	-3.2	-5.35	16.00	0.040	3.00	Pass
			RB25#25	21.45	-3.2	-5.35	16.10	0.041	3.00	Pass
			RB50#0	21.38	-3.2	-5.35	16.03	0.040	3.00	Pass
	HCH	QPSK	RB1#0	23.29	-3.2	-5.35	17.94	0.062	3.00	Pass
			RB1#25	23.33	-3.2	-5.35	17.98	0.063	3.00	Pass
			RB1#49	23.26	-3.2	-5.35	17.91	0.062	3.00	Pass
			RB25#0	22.37	-3.2	-5.35	17.02	0.050	3.00	Pass
			RB25#13	22.42	-3.2	-5.35	17.07	0.051	3.00	Pass
			RB25#25	22.39	-3.2	-5.35	17.04	0.051	3.00	Pass
			RB50#0	22.32	-3.2	-5.35	16.97	0.050	3.00	Pass
		16-QAM	RB1#0	22.38	-3.2	-5.35	17.03	0.050	3.00	Pass
			RB1#25	22.35	-3.2	-5.35	17.00	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										
			RB1#49	22.35	-3.2	-5.35	17.00	0.050	3.00	Pass
			RB25#0	21.43	-3.2	-5.35	16.08	0.041	3.00	Pass
			RB25#13	21.5	-3.2	-5.35	16.15	0.041	3.00	Pass
			RB25#25	21.5	-3.2	-5.35	16.15	0.041	3.00	Pass
			RB50#0	21.4	-3.2	-5.35	16.05	0.040	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	23.14	-2.8	-4.95	18.19	0.066	7.00	Pass
			RB1#3	23.19	-2.8	-4.95	18.24	0.067	7.00	Pass
			RB1#5	23.11	-2.8	-4.95	18.16	0.065	7.00	Pass
			RB3#0	23.21	-2.8	-4.95	18.26	0.067	7.00	Pass
			RB3#2	23.21	-2.8	-4.95	18.26	0.067	7.00	Pass
			RB3#3	23.15	-2.8	-4.95	18.20	0.066	7.00	Pass
			RB6#0	22.23	-2.8	-4.95	17.28	0.053	7.00	Pass
		16-QAM	RB1#0	22.33	-2.8	-4.95	17.38	0.055	7.00	Pass
			RB1#3	22.41	-2.8	-4.95	17.46	0.056	7.00	Pass
			RB1#5	22.36	-2.8	-4.95	17.41	0.055	7.00	Pass
			RB3#0	22.32	-2.8	-4.95	17.37	0.055	7.00	Pass
			RB3#2	22.33	-2.8	-4.95	17.38	0.055	7.00	Pass
			RB3#3	22.3	-2.8	-4.95	17.35	0.054	7.00	Pass
			RB6#0	21.38	-2.8	-4.95	16.43	0.044	7.00	Pass
	MCH	QPSK	RB1#0	23.07	-2.8	-4.95	18.12	0.065	7.00	Pass
			RB1#3	23.15	-2.8	-4.95	18.20	0.066	7.00	Pass
			RB1#5	23.06	-2.8	-4.95	18.11	0.065	7.00	Pass
			RB3#0	23.09	-2.8	-4.95	18.14	0.065	7.00	Pass
			RB3#2	23.07	-2.8	-4.95	18.12	0.065	7.00	Pass
			RB3#3	23.14	-2.8	-4.95	18.19	0.066	7.00	Pass
			RB6#0	22.12	-2.8	-4.95	17.17	0.052	7.00	Pass
		16-QAM	RB1#0	22.53	-2.8	-4.95	17.58	0.057	7.00	Pass
			RB1#3	22.62	-2.8	-4.95	17.67	0.058	7.00	Pass
			RB1#5	22.54	-2.8	-4.95	17.59	0.057	7.00	Pass
			RB3#0	22.32	-2.8	-4.95	17.37	0.055	7.00	Pass
			RB3#2	22.36	-2.8	-4.95	17.41	0.055	7.00	Pass
			RB3#3	22.34	-2.8	-4.95	17.39	0.055	7.00	Pass
			RB6#0	21.06	-2.8	-4.95	16.11	0.041	7.00	Pass
	HCH	QPSK	RB1#0	23.07	-2.8	-4.95	18.12	0.065	7.00	Pass
			RB1#3	23.09	-2.8	-4.95	18.14	0.065	7.00	Pass
			RB1#5	23.02	-2.8	-4.95	18.07	0.064	7.00	Pass
			RB3#0	23.12	-2.8	-4.95	18.17	0.066	7.00	Pass
			RB3#2	23.07	-2.8	-4.95	18.12	0.065	7.00	Pass
			RB3#3	23.08	-2.8	-4.95	18.13	0.065	7.00	Pass
			RB6#0	22.11	-2.8	-4.95	17.16	0.052	7.00	Pass
		16-QAM	RB1#0	22.14	-2.8	-4.95	17.19	0.052	7.00	Pass
			RB1#3	22.21	-2.8	-4.95	17.26	0.053	7.00	Pass
			RB1#5	22.12	-2.8	-4.95	17.17	0.052	7.00	Pass
			RB3#0	22.32	-2.8	-4.95	17.37	0.055	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	22.35	-2.8	-4.95	17.40	0.055	7.00	Pass
			RB3#3	22.29	-2.8	-4.95	17.34	0.054	7.00	Pass
			RB6#0	21.28	-2.8	-4.95	16.33	0.043	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.25	-2.8	-4.95	18.30	0.068	7.00	Pass
			RB1#7	23.27	-2.8	-4.95	18.32	0.068	7.00	Pass
			RB1#14	23.22	-2.8	-4.95	18.27	0.067	7.00	Pass
			RB8#0	22.29	-2.8	-4.95	17.34	0.054	7.00	Pass
			RB8#4	22.33	-2.8	-4.95	17.38	0.055	7.00	Pass
			RB8#7	22.26	-2.8	-4.95	17.31	0.054	7.00	Pass
			RB15#0	22.32	-2.8	-4.95	17.37	0.055	7.00	Pass
		16-QAM	RB1#0	22.25	-2.8	-4.95	17.30	0.054	7.00	Pass
			RB1#7	22.35	-2.8	-4.95	17.40	0.055	7.00	Pass
			RB1#14	22.25	-2.8	-4.95	17.30	0.054	7.00	Pass
			RB8#0	21.4	-2.8	-4.95	16.45	0.044	7.00	Pass
			RB8#4	21.44	-2.8	-4.95	16.49	0.045	7.00	Pass
			RB8#7	21.36	-2.8	-4.95	16.41	0.044	7.00	Pass
			RB15#0	21.36	-2.8	-4.95	16.41	0.044	7.00	Pass
	MCH	QPSK	RB1#0	23.19	-2.8	-4.95	18.24	0.067	7.00	Pass
			RB1#7	23.23	-2.8	-4.95	18.28	0.067	7.00	Pass
			RB1#14	23.19	-2.8	-4.95	18.24	0.067	7.00	Pass
			RB8#0	22.26	-2.8	-4.95	17.31	0.054	7.00	Pass
			RB8#4	22.23	-2.8	-4.95	17.28	0.053	7.00	Pass
			RB8#7	22.26	-2.8	-4.95	17.31	0.054	7.00	Pass
			RB15#0	22.17	-2.8	-4.95	17.22	0.053	7.00	Pass
		16-QAM	RB1#0	22.67	-2.8	-4.95	17.72	0.059	7.00	Pass
			RB1#7	22.69	-2.8	-4.95	17.74	0.059	7.00	Pass
			RB1#14	22.65	-2.8	-4.95	17.70	0.059	7.00	Pass
			RB8#0	21.35	-2.8	-4.95	16.40	0.044	7.00	Pass
			RB8#4	21.34	-2.8	-4.95	16.39	0.044	7.00	Pass
			RB8#7	21.29	-2.8	-4.95	16.34	0.043	7.00	Pass
			RB15#0	21.24	-2.8	-4.95	16.29	0.043	7.00	Pass
	HCH	QPSK	RB1#0	23.18	-2.8	-4.95	18.23	0.067	7.00	Pass
			RB1#7	23.23	-2.8	-4.95	18.28	0.067	7.00	Pass
			RB1#14	23.14	-2.8	-4.95	18.19	0.066	7.00	Pass
			RB8#0	22.25	-2.8	-4.95	17.30	0.054	7.00	Pass
			RB8#4	22.24	-2.8	-4.95	17.29	0.054	7.00	Pass
			RB8#7	22.12	-2.8	-4.95	17.17	0.052	7.00	Pass
			RB15#0	22.18	-2.8	-4.95	17.23	0.053	7.00	Pass
		16-QAM	RB1#0	22.29	-2.8	-4.95	17.34	0.054	7.00	Pass
			RB1#7	22.31	-2.8	-4.95	17.36	0.054	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	22.2	-2.8	-4.95	17.25	0.053	7.00	Pass
			RB8#0	21.3	-2.8	-4.95	16.35	0.043	7.00	Pass
			RB8#4	21.27	-2.8	-4.95	16.32	0.043	7.00	Pass
			RB8#7	21.22	-2.8	-4.95	16.27	0.042	7.00	Pass
			RB15#0	21.17	-2.8	-4.95	16.22	0.042	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.24	-2.8	-4.95	18.29	0.067	7.00	Pass
			RB1#13	23.25	-2.8	-4.95	18.30	0.068	7.00	Pass
			RB1#24	23.19	-2.8	-4.95	18.24	0.067	7.00	Pass
			RB12#0	22.29	-2.8	-4.95	17.34	0.054	7.00	Pass
			RB12#6	22.34	-2.8	-4.95	17.39	0.055	7.00	Pass
			RB12#13	22.28	-2.8	-4.95	17.33	0.054	7.00	Pass
			RB25#0	22.3	-2.8	-4.95	17.35	0.054	7.00	Pass
		16-QAM	RB1#0	22.47	-2.8	-4.95	17.52	0.056	7.00	Pass
			RB1#13	22.52	-2.8	-4.95	17.57	0.057	7.00	Pass
			RB1#24	22.5	-2.8	-4.95	17.55	0.057	7.00	Pass
			RB12#0	21.4	-2.8	-4.95	16.45	0.044	7.00	Pass
			RB12#6	21.42	-2.8	-4.95	16.47	0.044	7.00	Pass
			RB12#13	21.35	-2.8	-4.95	16.40	0.044	7.00	Pass
			RB25#0	21.34	-2.8	-4.95	16.39	0.044	7.00	Pass
	MCH	QPSK	RB1#0	23.24	-2.8	-4.95	18.29	0.067	7.00	Pass
			RB1#13	23.24	-2.8	-4.95	18.29	0.067	7.00	Pass
			RB1#24	23.18	-2.8	-4.95	18.23	0.067	7.00	Pass
			RB12#0	22.23	-2.8	-4.95	17.28	0.053	7.00	Pass
			RB12#6	22.2	-2.8	-4.95	17.25	0.053	7.00	Pass
			RB12#13	22.2	-2.8	-4.95	17.25	0.053	7.00	Pass
			RB25#0	22.2	-2.8	-4.95	17.25	0.053	7.00	Pass
		16-QAM	RB1#0	22.76	-2.8	-4.95	17.81	0.060	7.00	Pass
			RB1#13	22.88	-2.8	-4.95	17.93	0.062	7.00	Pass
			RB1#24	22.79	-2.8	-4.95	17.84	0.061	7.00	Pass
			RB12#0	21.38	-2.8	-4.95	16.43	0.044	7.00	Pass
			RB12#6	21.35	-2.8	-4.95	16.40	0.044	7.00	Pass
			RB12#13	21.36	-2.8	-4.95	16.41	0.044	7.00	Pass
			RB25#0	21.28	-2.8	-4.95	16.33	0.043	7.00	Pass
	HCH	QPSK	RB1#0	23.22	-2.8	-4.95	18.27	0.067	7.00	Pass
			RB1#13	23.18	-2.8	-4.95	18.23	0.067	7.00	Pass
			RB1#24	23.13	-2.8	-4.95	18.18	0.066	7.00	Pass
			RB12#0	22.29	-2.8	-4.95	17.34	0.054	7.00	Pass
			RB12#6	22.2	-2.8	-4.95	17.25	0.053	7.00	Pass
			RB12#13	22.17	-2.8	-4.95	17.22	0.053	7.00	Pass
			RB25#0	22.21	-2.8	-4.95	17.26	0.053	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part22)										
		16-QAM	RB1#0	22.51	-2.8	-4.95	17.56	0.057	7.00	Pass
			RB1#13	22.42	-2.8	-4.95	17.47	0.056	7.00	Pass
			RB1#24	22.4	-2.8	-4.95	17.45	0.056	7.00	Pass
			RB12#0	21.34	-2.8	-4.95	16.39	0.044	7.00	Pass
			RB12#6	21.33	-2.8	-4.95	16.38	0.043	7.00	Pass
			RB12#13	21.22	-2.8	-4.95	16.27	0.042	7.00	Pass
			RB25#0	21.22	-2.8	-4.95	16.27	0.042	7.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.31	-2.8	-4.95	18.36	0.069	7.00	Pass
			RB1#25	23.17	-2.8	-4.95	18.22	0.066	7.00	Pass
			RB1#49	23.11	-2.8	-4.95	18.16	0.065	7.00	Pass
			RB25#0	22.22	-2.8	-4.95	17.27	0.053	7.00	Pass
			RB25#13	22.33	-2.8	-4.95	17.38	0.055	7.00	Pass
			RB25#25	22.22	-2.8	-4.95	17.27	0.053	7.00	Pass
			RB50#0	22.32	-2.8	-4.95	17.37	0.055	7.00	Pass
		16-QAM	RB1#0	22.35	-2.8	-4.95	17.40	0.055	7.00	Pass
			RB1#25	22.2	-2.8	-4.95	17.25	0.053	7.00	Pass
			RB1#49	22.12	-2.8	-4.95	17.17	0.052	7.00	Pass
			RB25#0	21.29	-2.8	-4.95	16.34	0.043	7.00	Pass
			RB25#13	21.33	-2.8	-4.95	16.38	0.043	7.00	Pass
			RB25#25	21.27	-2.8	-4.95	16.32	0.043	7.00	Pass
			RB50#0	21.34	-2.8	-4.95	16.39	0.044	7.00	Pass
	MCH	QPSK	RB1#0	23.24	-2.8	-4.95	18.29	0.067	7.00	Pass
			RB1#25	23.14	-2.8	-4.95	18.19	0.066	7.00	Pass
			RB1#49	23.13	-2.8	-4.95	18.18	0.066	7.00	Pass
			RB25#0	22.27	-2.8	-4.95	17.32	0.054	7.00	Pass
			RB25#13	22.2	-2.8	-4.95	17.25	0.053	7.00	Pass
			RB25#25	22.21	-2.8	-4.95	17.26	0.053	7.00	Pass
			RB50#0	22.22	-2.8	-4.95	17.27	0.053	7.00	Pass
		16-QAM	RB1#0	22.64	-2.8	-4.95	17.69	0.059	7.00	Pass
			RB1#25	22.62	-2.8	-4.95	17.67	0.058	7.00	Pass
			RB1#49	22.62	-2.8	-4.95	17.67	0.058	7.00	Pass
			RB25#0	21.31	-2.8	-4.95	16.36	0.043	7.00	Pass
			RB25#13	21.28	-2.8	-4.95	16.33	0.043	7.00	Pass
			RB25#25	21.27	-2.8	-4.95	16.32	0.043	7.00	Pass
			RB50#0	21.23	-2.8	-4.95	16.28	0.042	7.00	Pass
	HCH	QPSK	RB1#0	23.29	-2.8	-4.95	18.34	0.068	7.00	Pass
			RB1#25	23.22	-2.8	-4.95	18.27	0.067	7.00	Pass
			RB1#49	23.14	-2.8	-4.95	18.19	0.066	7.00	Pass
			RB25#0	22.25	-2.8	-4.95	17.30	0.054	7.00	Pass
			RB25#13	22.18	-2.8	-4.95	17.23	0.053	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part22)										
			RB25#25	22.18	-2.8	-4.95	17.23	0.053	7.00	Pass
			RB50#0	22.17	-2.8	-4.95	17.22	0.053	7.00	Pass
		16-QAM	RB1#0	22.32	-2.8	-4.95	17.37	0.055	7.00	Pass
			RB1#25	22.18	-2.8	-4.95	17.23	0.053	7.00	Pass
			RB1#49	22.13	-2.8	-4.95	17.18	0.052	7.00	Pass
			RB25#0	21.36	-2.8	-4.95	16.41	0.044	7.00	Pass
			RB25#13	21.33	-2.8	-4.95	16.38	0.043	7.00	Pass
			RB25#25	21.3	-2.8	-4.95	16.35	0.043	7.00	Pass
			RB50#0	21.22	-2.8	-4.95	16.27	0.042	7.00	Pass
15 MHz	LCH	QPSK	RB1#0	23.23	-2.8	-4.95	18.28	0.067	7.00	Pass
			RB1#38	23.08	-2.8	-4.95	18.13	0.065	7.00	Pass
			RB1#74	23.04	-2.8	-4.95	18.09	0.064	7.00	Pass
			RB36#0	22.27	-2.8	-4.95	17.32	0.054	7.00	Pass
			RB36#19	22.27	-2.8	-4.95	17.32	0.054	7.00	Pass
			RB36#39	22.18	-2.8	-4.95	17.23	0.053	7.00	Pass
			RB75#0	22.3	-2.8	-4.95	17.35	0.054	7.00	Pass
		16-QAM	RB1#0	22.16	-2.8	-4.95	17.21	0.053	7.00	Pass
			RB1#38	22.08	-2.8	-4.95	17.13	0.052	7.00	Pass
			RB1#74	22.02	-2.8	-4.95	17.07	0.051	7.00	Pass
			RB36#0	21.29	-2.8	-4.95	16.34	0.043	7.00	Pass
			RB36#19	21.28	-2.8	-4.95	16.33	0.043	7.00	Pass
			RB36#39	21.2	-2.8	-4.95	16.25	0.042	7.00	Pass
			RB75#0	21.29	-2.8	-4.95	16.34	0.043	7.00	Pass
	MCH	QPSK	RB1#0	23.14	-2.8	-4.95	18.19	0.066	7.00	Pass
			RB1#38	23.04	-2.8	-4.95	18.09	0.064	7.00	Pass
			RB1#74	23.07	-2.8	-4.95	18.12	0.065	7.00	Pass
			RB36#0	22.27	-2.8	-4.95	17.32	0.054	7.00	Pass
			RB36#19	22.2	-2.8	-4.95	17.25	0.053	7.00	Pass
			RB36#39	22.22	-2.8	-4.95	17.27	0.053	7.00	Pass
			RB75#0	22.17	-2.8	-4.95	17.22	0.053	7.00	Pass
		16-QAM	RB1#0	22.63	-2.8	-4.95	17.68	0.059	7.00	Pass
			RB1#38	22.51	-2.8	-4.95	17.56	0.057	7.00	Pass
			RB1#74	22.48	-2.8	-4.95	17.53	0.057	7.00	Pass
			RB36#0	21.32	-2.8	-4.95	16.37	0.043	7.00	Pass
			RB36#19	21.28	-2.8	-4.95	16.33	0.043	7.00	Pass
			RB36#39	21.25	-2.8	-4.95	16.30	0.043	7.00	Pass
			RB75#0	21.21	-2.8	-4.95	16.26	0.042	7.00	Pass
	HCH	QPSK	RB1#0	23.13	-2.8	-4.95	18.18	0.066	7.00	Pass
			RB1#38	23.07	-2.8	-4.95	18.12	0.065	7.00	Pass
			RB1#74	22.95	-2.8	-4.95	18.00	0.063	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	22.23	-2.8	-4.95	17.28	0.053	7.00	Pass
			RB36#19	22.26	-2.8	-4.95	17.31	0.054	7.00	Pass
			RB36#39	22.16	-2.8	-4.95	17.21	0.053	7.00	Pass
			RB75#0	22.19	-2.8	-4.95	17.24	0.053	7.00	Pass
		16-QAM	RB1#0	22.58	-2.8	-4.95	17.63	0.058	7.00	Pass
			RB1#38	22.5	-2.8	-4.95	17.55	0.057	7.00	Pass
			RB1#74	22.48	-2.8	-4.95	17.53	0.057	7.00	Pass
			RB36#0	21.21	-2.8	-4.95	16.26	0.042	7.00	Pass
			RB36#19	21.22	-2.8	-4.95	16.27	0.042	7.00	Pass
			RB36#39	21.2	-2.8	-4.95	16.25	0.042	7.00	Pass
			RB75#0	21.18	-2.8	-4.95	16.23	0.042	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	23.33	-2.8	-4.95	18.38	0.069	100.0	Pass
			RB1#3	23.35	-2.8	-4.95	18.40	0.069	100.0	Pass
			RB1#5	23.28	-2.8	-4.95	18.33	0.068	100.0	Pass
			RB3#0	23.3	-2.8	-4.95	18.35	0.068	100.0	Pass
			RB3#2	23.34	-2.8	-4.95	18.39	0.069	100.0	Pass
			RB3#3	23.3	-2.8	-4.95	18.35	0.068	100.0	Pass
			RB6#0	22.35	-2.8	-4.95	17.40	0.055	100.0	Pass
		16-QAM	RB1#0	22.51	-2.8	-4.95	17.56	0.057	100.0	Pass
			RB1#3	22.55	-2.8	-4.95	17.60	0.058	100.0	Pass
			RB1#5	22.45	-2.8	-4.95	17.50	0.056	100.0	Pass
			RB3#0	22.46	-2.8	-4.95	17.51	0.056	100.0	Pass
			RB3#2	22.5	-2.8	-4.95	17.55	0.057	100.0	Pass
			RB3#3	22.44	-2.8	-4.95	17.49	0.056	100.0	Pass
			RB6#0	21.47	-2.8	-4.95	16.52	0.045	100.0	Pass
	MCH	QPSK	RB1#0	23.24	-2.8	-4.95	18.29	0.067	100.0	Pass
			RB1#3	23.27	-2.8	-4.95	18.32	0.068	100.0	Pass
			RB1#5	23.16	-2.8	-4.95	18.21	0.066	100.0	Pass
			RB3#0	23.25	-2.8	-4.95	18.30	0.068	100.0	Pass
			RB3#2	23.28	-2.8	-4.95	18.33	0.068	100.0	Pass
			RB3#3	23.24	-2.8	-4.95	18.29	0.067	100.0	Pass
			RB6#0	22.32	-2.8	-4.95	17.37	0.055	100.0	Pass
		16-QAM	RB1#0	22.72	-2.8	-4.95	17.77	0.060	100.0	Pass
			RB1#3	22.72	-2.8	-4.95	17.77	0.060	100.0	Pass
			RB1#5	22.64	-2.8	-4.95	17.69	0.059	100.0	Pass
			RB3#0	22.5	-2.8	-4.95	17.55	0.057	100.0	Pass
			RB3#2	22.51	-2.8	-4.95	17.56	0.057	100.0	Pass
			RB3#3	22.45	-2.8	-4.95	17.50	0.056	100.0	Pass
			RB6#0	21.24	-2.8	-4.95	16.29	0.043	100.0	Pass
	HCH	QPSK	RB1#0	23.17	-2.8	-4.95	18.22	0.066	100.0	Pass
			RB1#3	23.25	-2.8	-4.95	18.30	0.068	100.0	Pass
			RB1#5	23.17	-2.8	-4.95	18.22	0.066	100.0	Pass
			RB3#0	23.24	-2.8	-4.95	18.29	0.067	100.0	Pass
			RB3#2	23.26	-2.8	-4.95	18.31	0.068	100.0	Pass
			RB3#3	23.22	-2.8	-4.95	18.27	0.067	100.0	Pass
			RB6#0	22.26	-2.8	-4.95	17.31	0.054	100.0	Pass
		16-QAM	RB1#0	22.27	-2.8	-4.95	17.32	0.054	100.0	Pass
			RB1#3	22.38	-2.8	-4.95	17.43	0.055	100.0	Pass
			RB1#5	22.29	-2.8	-4.95	17.34	0.054	100.0	Pass
			RB3#0	22.47	-2.8	-4.95	17.52	0.056	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	22.48	-2.8	-4.95	17.53	0.057	100.0	Pass
			RB3#3	22.43	-2.8	-4.95	17.48	0.056	100.0	Pass
			RB6#0	21.46	-2.8	-4.95	16.51	0.045	100.0	Pass
3 MHz	LCH	QPSK	RB1#0	23.45	-2.8	-4.95	18.50	0.071	100.0	Pass
			RB1#7	23.39	-2.8	-4.95	18.44	0.070	100.0	Pass
			RB1#14	23.27	-2.8	-4.95	18.32	0.068	100.0	Pass
			RB8#0	22.48	-2.8	-4.95	17.53	0.057	100.0	Pass
			RB8#4	22.45	-2.8	-4.95	17.50	0.056	100.0	Pass
			RB8#7	22.4	-2.8	-4.95	17.45	0.056	100.0	Pass
			RB15#0	22.49	-2.8	-4.95	17.54	0.057	100.0	Pass
		16-QAM	RB1#0	22.42	-2.8	-4.95	17.47	0.056	100.0	Pass
			RB1#7	22.45	-2.8	-4.95	17.50	0.056	100.0	Pass
			RB1#14	22.33	-2.8	-4.95	17.38	0.055	100.0	Pass
			RB8#0	21.62	-2.8	-4.95	16.67	0.046	100.0	Pass
			RB8#4	21.61	-2.8	-4.95	16.66	0.046	100.0	Pass
			RB8#7	21.55	-2.8	-4.95	16.60	0.046	100.0	Pass
			RB15#0	21.5	-2.8	-4.95	16.55	0.045	100.0	Pass
	MCH	QPSK	RB1#0	23.37	-2.8	-4.95	18.42	0.070	100.0	Pass
			RB1#7	23.35	-2.8	-4.95	18.40	0.069	100.0	Pass
			RB1#14	23.29	-2.8	-4.95	18.34	0.068	100.0	Pass
			RB8#0	22.43	-2.8	-4.95	17.48	0.056	100.0	Pass
			RB8#4	22.43	-2.8	-4.95	17.48	0.056	100.0	Pass
			RB8#7	22.32	-2.8	-4.95	17.37	0.055	100.0	Pass
			RB15#0	22.4	-2.8	-4.95	17.45	0.056	100.0	Pass
		16-QAM	RB1#0	22.82	-2.8	-4.95	17.87	0.061	100.0	Pass
			RB1#7	22.81	-2.8	-4.95	17.86	0.061	100.0	Pass
			RB1#14	22.74	-2.8	-4.95	17.79	0.060	100.0	Pass
			RB8#0	21.51	-2.8	-4.95	16.56	0.045	100.0	Pass
			RB8#4	21.52	-2.8	-4.95	16.57	0.045	100.0	Pass
			RB8#7	21.43	-2.8	-4.95	16.48	0.044	100.0	Pass
			RB15#0	21.43	-2.8	-4.95	16.48	0.044	100.0	Pass
	HCH	QPSK	RB1#0	23.33	-2.8	-4.95	18.38	0.069	100.0	Pass
			RB1#7	23.36	-2.8	-4.95	18.41	0.069	100.0	Pass
			RB1#14	23.27	-2.8	-4.95	18.32	0.068	100.0	Pass
			RB8#0	22.29	-2.8	-4.95	17.34	0.054	100.0	Pass
			RB8#4	22.37	-2.8	-4.95	17.42	0.055	100.0	Pass
			RB8#7	22.33	-2.8	-4.95	17.38	0.055	100.0	Pass
			RB15#0	22.34	-2.8	-4.95	17.39	0.055	100.0	Pass
		16-QAM	RB1#0	22.44	-2.8	-4.95	17.49	0.056	100.0	Pass
			RB1#7	22.45	-2.8	-4.95	17.50	0.056	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	22.38	-2.8	-4.95	17.43	0.055	100.0	Pass
			RB8#0	21.39	-2.8	-4.95	16.44	0.044	100.0	Pass
			RB8#4	21.45	-2.8	-4.95	16.50	0.045	100.0	Pass
			RB8#7	21.38	-2.8	-4.95	16.43	0.044	100.0	Pass
			RB15#0	21.32	-2.8	-4.95	16.37	0.043	100.0	Pass
5 MHz	LCH	QPSK	RB1#0	23.47	-2.8	-4.95	18.52	0.071	100.0	Pass
			RB1#13	23.42	-2.8	-4.95	18.47	0.070	100.0	Pass
			RB1#24	23.26	-2.8	-4.95	18.31	0.068	100.0	Pass
			RB12#0	22.47	-2.8	-4.95	17.52	0.056	100.0	Pass
			RB12#6	22.49	-2.8	-4.95	17.54	0.057	100.0	Pass
			RB12#13	22.4	-2.8	-4.95	17.45	0.056	100.0	Pass
			RB25#0	22.43	-2.8	-4.95	17.48	0.056	100.0	Pass
		16-QAM	RB1#0	22.72	-2.8	-4.95	17.77	0.060	100.0	Pass
			RB1#13	22.64	-2.8	-4.95	17.69	0.059	100.0	Pass
			RB1#24	22.52	-2.8	-4.95	17.57	0.057	100.0	Pass
			RB12#0	21.57	-2.8	-4.95	16.62	0.046	100.0	Pass
			RB12#6	21.58	-2.8	-4.95	16.63	0.046	100.0	Pass
			RB12#13	21.49	-2.8	-4.95	16.54	0.045	100.0	Pass
			RB25#0	21.49	-2.8	-4.95	16.54	0.045	100.0	Pass
	MCH	QPSK	RB1#0	23.42	-2.8	-4.95	18.47	0.070	100.0	Pass
			RB1#13	23.41	-2.8	-4.95	18.46	0.070	100.0	Pass
			RB1#24	23.33	-2.8	-4.95	18.38	0.069	100.0	Pass
			RB12#0	22.43	-2.8	-4.95	17.48	0.056	100.0	Pass
			RB12#6	22.42	-2.8	-4.95	17.47	0.056	100.0	Pass
			RB12#13	22.31	-2.8	-4.95	17.36	0.054	100.0	Pass
			RB25#0	22.39	-2.8	-4.95	17.44	0.055	100.0	Pass
		16-QAM	RB1#0	22.98	-2.8	-4.95	18.03	0.064	100.0	Pass
			RB1#13	23	-2.8	-4.95	18.05	0.064	100.0	Pass
			RB1#24	22.94	-2.8	-4.95	17.99	0.063	100.0	Pass
			RB12#0	21.6	-2.8	-4.95	16.65	0.046	100.0	Pass
			RB12#6	21.58	-2.8	-4.95	16.63	0.046	100.0	Pass
			RB12#13	21.47	-2.8	-4.95	16.52	0.045	100.0	Pass
			RB25#0	21.49	-2.8	-4.95	16.54	0.045	100.0	Pass
	HCH	QPSK	RB1#0	23.33	-2.8	-4.95	18.38	0.069	100.0	Pass
			RB1#13	23.35	-2.8	-4.95	18.40	0.069	100.0	Pass
			RB1#24	23.25	-2.8	-4.95	18.30	0.068	100.0	Pass
			RB12#0	22.39	-2.8	-4.95	17.44	0.055	100.0	Pass
			RB12#6	22.39	-2.8	-4.95	17.44	0.055	100.0	Pass
			RB12#13	22.35	-2.8	-4.95	17.40	0.055	100.0	Pass
			RB25#0	22.35	-2.8	-4.95	17.40	0.055	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	22.55	-2.8	-4.95	17.60	0.058	100.0	Pass
			RB1#13	22.58	-2.8	-4.95	17.63	0.058	100.0	Pass
			RB1#24	22.52	-2.8	-4.95	17.57	0.057	100.0	Pass
			RB12#0	21.46	-2.8	-4.95	16.51	0.045	100.0	Pass
			RB12#6	21.46	-2.8	-4.95	16.51	0.045	100.0	Pass
			RB12#13	21.36	-2.8	-4.95	16.41	0.044	100.0	Pass
			RB25#0	21.36	-2.8	-4.95	16.41	0.044	100.0	Pass
10 MHz	MCH	QPSK	RB1#0	23.41	-2.8	-4.95	18.46	0.070	100.0	Pass
			RB1#25	23.29	-2.8	-4.95	18.34	0.068	100.0	Pass
			RB1#49	23.22	-2.8	-4.95	18.27	0.067	100.0	Pass
			RB25#0	22.48	-2.8	-4.95	17.53	0.057	100.0	Pass
			RB25#13	22.47	-2.8	-4.95	17.52	0.056	100.0	Pass
			RB25#25	22.26	-2.8	-4.95	17.31	0.054	100.0	Pass
			RB50#0	22.42	-2.8	-4.95	17.47	0.056	100.0	Pass
		16-QAM	RB1#0	22.49	-2.8	-4.95	17.54	0.057	100.0	Pass
			RB1#25	22.29	-2.8	-4.95	17.34	0.054	100.0	Pass
			RB1#49	22.26	-2.8	-4.95	17.31	0.054	100.0	Pass
			RB25#0	21.52	-2.8	-4.95	16.57	0.045	100.0	Pass
			RB25#13	21.48	-2.8	-4.95	16.53	0.045	100.0	Pass
			RB25#25	21.38	-2.8	-4.95	16.43	0.044	100.0	Pass
			RB50#0	21.42	-2.8	-4.95	16.47	0.044	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	22.97	-0.9	22.07	0.161	2.00	Pass
			RB1#13	23.02	-0.9	22.12	0.163	2.00	Pass
			RB1#24	22.98	-0.9	22.08	0.161	2.00	Pass
			RB12#0	22.08	-0.9	21.18	0.131	2.00	Pass
			RB12#6	22.08	-0.9	21.18	0.131	2.00	Pass
			RB12#13	22.08	-0.9	21.18	0.131	2.00	Pass
			RB25#0	22.05	-0.9	21.15	0.130	2.00	Pass
		16-QAM	RB1#0	22.29	-0.9	21.39	0.138	2.00	Pass
			RB1#13	22.31	-0.9	21.41	0.138	2.00	Pass
			RB1#24	22.24	-0.9	21.34	0.136	2.00	Pass
			RB12#0	21.13	-0.9	20.23	0.105	2.00	Pass
			RB12#6	21.14	-0.9	20.24	0.106	2.00	Pass
			RB12#13	21.1	-0.9	20.20	0.105	2.00	Pass
			RB25#0	21.09	-0.9	20.19	0.104	2.00	Pass
	MCH	QPSK	RB1#0	23.11	-0.9	22.21	0.166	2.00	Pass
			RB1#13	23.18	-0.9	22.28	0.169	2.00	Pass
			RB1#24	23.06	-0.9	22.16	0.164	2.00	Pass
			RB12#0	22.15	-0.9	21.25	0.133	2.00	Pass
			RB12#6	22.11	-0.9	21.21	0.132	2.00	Pass
			RB12#13	22.13	-0.9	21.23	0.133	2.00	Pass
			RB25#0	22.12	-0.9	21.22	0.132	2.00	Pass
		16-QAM	RB1#0	22.34	-0.9	21.44	0.139	2.00	Pass
			RB1#13	22.44	-0.9	21.54	0.143	2.00	Pass
			RB1#24	22.41	-0.9	21.51	0.142	2.00	Pass
			RB12#0	21.16	-0.9	20.26	0.106	2.00	Pass
			RB12#6	21.12	-0.9	20.22	0.105	2.00	Pass
			RB12#13	21.16	-0.9	20.26	0.106	2.00	Pass
			RB25#0	21.14	-0.9	20.24	0.106	2.00	Pass
	HCH	QPSK	RB1#0	23.07	-0.9	22.17	0.165	2.00	Pass
			RB1#13	23.05	-0.9	22.15	0.164	2.00	Pass
			RB1#24	22.99	-0.9	22.09	0.162	2.00	Pass
			RB12#0	22.06	-0.9	21.16	0.131	2.00	Pass
			RB12#6	22.07	-0.9	21.17	0.131	2.00	Pass
			RB12#13	22.03	-0.9	21.13	0.130	2.00	Pass
			RB25#0	22.03	-0.9	21.13	0.130	2.00	Pass
		16-QAM	RB1#0	22.42	-0.9	21.52	0.142	2.00	Pass
			RB1#13	22.43	-0.9	21.53	0.142	2.00	Pass
			RB1#24	22.4	-0.9	21.50	0.141	2.00	Pass
			RB12#0	21.15	-0.9	20.25	0.106	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	21.13	-0.9	20.23	0.105	2.00	Pass
			RB12#13	21.14	-0.9	20.24	0.106	2.00	Pass
			RB25#0	21.09	-0.9	20.19	0.104	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.11	-0.9	22.21	0.166	2.00	Pass
			RB1#25	22.98	-0.9	22.08	0.161	2.00	Pass
			RB1#49	23.1	-0.9	22.20	0.166	2.00	Pass
			RB25#0	22.14	-0.9	21.24	0.133	2.00	Pass
			RB25#13	22.18	-0.9	21.28	0.134	2.00	Pass
			RB25#25	22.16	-0.9	21.26	0.134	2.00	Pass
			RB50#0	22.16	-0.9	21.26	0.134	2.00	Pass
		16-QAM	RB1#0	22.43	-0.9	21.53	0.142	2.00	Pass
			RB1#25	22.31	-0.9	21.41	0.138	2.00	Pass
			RB1#49	22.4	-0.9	21.50	0.141	2.00	Pass
			RB25#0	21.18	-0.9	20.28	0.107	2.00	Pass
			RB25#13	21.19	-0.9	20.29	0.107	2.00	Pass
			RB25#25	21.16	-0.9	20.26	0.106	2.00	Pass
			RB50#0	21.16	-0.9	20.26	0.106	2.00	Pass
	MCH	QPSK	RB1#0	23.12	-0.9	22.22	0.167	2.00	Pass
			RB1#25	23.06	-0.9	22.16	0.164	2.00	Pass
			RB1#49	22.99	-0.9	22.09	0.162	2.00	Pass
			RB25#0	22.13	-0.9	21.23	0.133	2.00	Pass
			RB25#13	22.17	-0.9	21.27	0.134	2.00	Pass
			RB25#25	22.08	-0.9	21.18	0.131	2.00	Pass
			RB50#0	22.15	-0.9	21.25	0.133	2.00	Pass
		16-QAM	RB1#0	22.63	-0.9	21.73	0.149	2.00	Pass
			RB1#25	22.56	-0.9	21.66	0.147	2.00	Pass
			RB1#49	22.5	-0.9	21.60	0.145	2.00	Pass
			RB25#0	21.15	-0.9	20.25	0.106	2.00	Pass
			RB25#13	21.18	-0.9	20.28	0.107	2.00	Pass
			RB25#25	21.12	-0.9	20.22	0.105	2.00	Pass
			RB50#0	21.19	-0.9	20.29	0.107	2.00	Pass
	HCH	QPSK	RB1#0	23.09	-0.9	22.19	0.166	2.00	Pass
			RB1#25	23.03	-0.9	22.13	0.163	2.00	Pass
			RB1#49	23	-0.9	22.10	0.162	2.00	Pass
			RB25#0	22.1	-0.9	21.20	0.132	2.00	Pass
			RB25#13	22.06	-0.9	21.16	0.131	2.00	Pass
			RB25#25	22.04	-0.9	21.14	0.130	2.00	Pass
			RB50#0	22.03	-0.9	21.13	0.130	2.00	Pass
		16-QAM	RB1#0	22.5	-0.9	21.60	0.145	2.00	Pass
			RB1#25	22.37	-0.9	21.47	0.140	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	22.4	-0.9	21.50	0.141	2.00	Pass
			RB25#0	21.16	-0.9	20.26	0.106	2.00	Pass
			RB25#13	21.13	-0.9	20.23	0.105	2.00	Pass
			RB25#25	21.09	-0.9	20.19	0.104	2.00	Pass
			RB50#0	21.12	-0.9	20.22	0.105	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	23	-0.9	22.10	0.162	2.00	Pass
			RB1#38	22.96	-0.9	22.06	0.161	2.00	Pass
			RB1#74	22.96	-0.9	22.06	0.161	2.00	Pass
			RB36#0	22.08	-0.9	21.18	0.131	2.00	Pass
			RB36#19	22.12	-0.9	21.22	0.132	2.00	Pass
			RB36#39	22.08	-0.9	21.18	0.131	2.00	Pass
			RB75#0	22.12	-0.9	21.22	0.132	2.00	Pass
		16-QAM	RB1#0	22.37	-0.9	21.47	0.140	2.00	Pass
			RB1#38	22.31	-0.9	21.41	0.138	2.00	Pass
			RB1#74	22.25	-0.9	21.35	0.136	2.00	Pass
			RB36#0	21.09	-0.9	20.19	0.104	2.00	Pass
			RB36#19	21.11	-0.9	20.21	0.105	2.00	Pass
			RB36#39	21.1	-0.9	20.20	0.105	2.00	Pass
			RB75#0	21.07	-0.9	20.17	0.104	2.00	Pass
	MCH	QPSK	RB1#0	23	-0.9	22.10	0.162	2.00	Pass
			RB1#38	22.96	-0.9	22.06	0.161	2.00	Pass
			RB1#74	22.82	-0.9	21.92	0.156	2.00	Pass
			RB36#0	22.12	-0.9	21.22	0.132	2.00	Pass
			RB36#19	22.09	-0.9	21.19	0.132	2.00	Pass
			RB36#39	22.03	-0.9	21.13	0.130	2.00	Pass
			RB75#0	22.07	-0.9	21.17	0.131	2.00	Pass
		16-QAM	RB1#0	22.36	-0.9	21.46	0.140	2.00	Pass
			RB1#38	22.25	-0.9	21.35	0.136	2.00	Pass
			RB1#74	22.19	-0.9	21.29	0.135	2.00	Pass
			RB36#0	21.08	-0.9	20.18	0.104	2.00	Pass
			RB36#19	21.07	-0.9	20.17	0.104	2.00	Pass
			RB36#39	21	-0.9	20.10	0.102	2.00	Pass
			RB75#0	21.1	-0.9	20.20	0.105	2.00	Pass
	HCH	QPSK	RB1#0	22.99	-0.9	22.09	0.162	2.00	Pass
			RB1#38	22.86	-0.9	21.96	0.157	2.00	Pass
			RB1#74	22.83	-0.9	21.93	0.156	2.00	Pass
			RB36#0	22.06	-0.9	21.16	0.131	2.00	Pass
			RB36#19	22.04	-0.9	21.14	0.130	2.00	Pass
			RB36#39	21.99	-0.9	21.09	0.129	2.00	Pass
			RB75#0	22.04	-0.9	21.14	0.130	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	22.47	-0.9	21.57	0.144	2.00	Pass
			RB1#38	22.37	-0.9	21.47	0.140	2.00	Pass
			RB1#74	22.34	-0.9	21.44	0.139	2.00	Pass
			RB36#0	21.08	-0.9	20.18	0.104	2.00	Pass
			RB36#19	21.03	-0.9	20.13	0.103	2.00	Pass
			RB36#39	21	-0.9	20.10	0.102	2.00	Pass
			RB75#0	21.05	-0.9	20.15	0.104	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	23.05	-0.9	22.15	0.164	2.00	Pass
			RB1#50	23	-0.9	22.10	0.162	2.00	Pass
			RB1#99	23.01	-0.9	22.11	0.163	2.00	Pass
			RB50#0	22.12	-0.9	21.22	0.132	2.00	Pass
			RB50#25	22.14	-0.9	21.24	0.133	2.00	Pass
			RB50#50	22.11	-0.9	21.21	0.132	2.00	Pass
			RB100#0	22.15	-0.9	21.25	0.133	2.00	Pass
		16-QAM	RB1#0	22.44	-0.9	21.54	0.143	2.00	Pass
			RB1#50	22.4	-0.9	21.50	0.141	2.00	Pass
			RB1#99	22.41	-0.9	21.51	0.142	2.00	Pass
			RB50#0	21.15	-0.9	20.25	0.106	2.00	Pass
			RB50#25	21.19	-0.9	20.29	0.107	2.00	Pass
			RB50#50	21.15	-0.9	20.25	0.106	2.00	Pass
			RB100#0	21.15	-0.9	20.25	0.106	2.00	Pass
	MCH	QPSK	RB1#0	23.05	-0.9	22.15	0.164	2.00	Pass
			RB1#50	23.01	-0.9	22.11	0.163	2.00	Pass
			RB1#99	22.88	-0.9	21.98	0.158	2.00	Pass
			RB50#0	22.12	-0.9	21.22	0.132	2.00	Pass
			RB50#25	22.1	-0.9	21.20	0.132	2.00	Pass
			RB50#50	22.01	-0.9	21.11	0.129	2.00	Pass
			RB100#0	22.07	-0.9	21.17	0.131	2.00	Pass
		16-QAM	RB1#0	22.34	-0.9	21.44	0.139	2.00	Pass
			RB1#50	22.29	-0.9	21.39	0.138	2.00	Pass
			RB1#99	22.18	-0.9	21.28	0.134	2.00	Pass
			RB50#0	21.11	-0.9	20.21	0.105	2.00	Pass
			RB50#25	21.1	-0.9	20.20	0.105	2.00	Pass
			RB50#50	21.04	-0.9	20.14	0.103	2.00	Pass
			RB100#0	21.07	-0.9	20.17	0.104	2.00	Pass
	HCH	QPSK	RB1#0	23.03	-0.9	22.13	0.163	2.00	Pass
			RB1#50	22.89	-0.9	21.99	0.158	2.00	Pass
			RB1#99	22.8	-0.9	21.90	0.155	2.00	Pass
			RB50#0	22.14	-0.9	21.24	0.133	2.00	Pass
			RB50#25	22.06	-0.9	21.16	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									
			RB50#50	22.02	-0.9	21.12	0.129	2.00	Pass
			RB100#0	22.08	-0.9	21.18	0.131	2.00	Pass
		16-QAM	RB1#0	22.24	-0.9	21.34	0.136	2.00	Pass
			RB1#50	22.09	-0.9	21.19	0.132	2.00	Pass
			RB1#99	22.02	-0.9	21.12	0.129	2.00	Pass
			RB50#0	21.15	-0.9	20.25	0.106	2.00	Pass
			RB50#25	21.11	-0.9	20.21	0.105	2.00	Pass
			RB50#50	21.03	-0.9	20.13	0.103	2.00	Pass
			RB100#0	21.09	-0.9	20.19	0.104	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	23.28	-0.9	22.38	0.173	2.00	Pass
			RB1#13	23.3	-0.9	22.40	0.174	2.00	Pass
			RB1#24	23.29	-0.9	22.39	0.173	2.00	Pass
			RB12#0	22.36	-0.9	21.46	0.140	2.00	Pass
			RB12#6	22.35	-0.9	21.45	0.140	2.00	Pass
			RB12#13	22.35	-0.9	21.45	0.140	2.00	Pass
			RB25#0	22.29	-0.9	21.39	0.138	2.00	Pass
		16-QAM	RB1#0	22.73	-0.9	21.83	0.152	2.00	Pass
			RB1#13	22.76	-0.9	21.86	0.153	2.00	Pass
			RB1#24	22.73	-0.9	21.83	0.152	2.00	Pass
			RB12#0	21.48	-0.9	20.58	0.114	2.00	Pass
			RB12#6	21.49	-0.9	20.59	0.115	2.00	Pass
			RB12#13	21.5	-0.9	20.60	0.115	2.00	Pass
			RB25#0	21.4	-0.9	20.50	0.112	2.00	Pass
	MCH	QPSK	RB1#0	23.11	-0.9	22.21	0.166	2.00	Pass
			RB1#13	23.22	-0.9	22.32	0.171	2.00	Pass
			RB1#24	23.12	-0.9	22.22	0.167	2.00	Pass
			RB12#0	22.16	-0.9	21.26	0.134	2.00	Pass
			RB12#6	22.27	-0.9	21.37	0.137	2.00	Pass
			RB12#13	22.23	-0.9	21.33	0.136	2.00	Pass
			RB25#0	22.19	-0.9	21.29	0.135	2.00	Pass
		16-QAM	RB1#0	22.44	-0.9	21.54	0.143	2.00	Pass
			RB1#13	22.48	-0.9	21.58	0.144	2.00	Pass
			RB1#24	22.44	-0.9	21.54	0.143	2.00	Pass
			RB12#0	21.18	-0.9	20.28	0.107	2.00	Pass
			RB12#6	21.3	-0.9	20.40	0.110	2.00	Pass
			RB12#13	21.25	-0.9	20.35	0.108	2.00	Pass
			RB25#0	21.2	-0.9	20.30	0.107	2.00	Pass
	HCH	QPSK	RB1#0	23.05	-0.9	22.15	0.164	2.00	Pass
			RB1#13	23.15	-0.9	22.25	0.168	2.00	Pass
			RB1#24	23.07	-0.9	22.17	0.165	2.00	Pass
			RB12#0	22.15	-0.9	21.25	0.133	2.00	Pass
			RB12#6	22.24	-0.9	21.34	0.136	2.00	Pass
			RB12#13	22.2	-0.9	21.30	0.135	2.00	Pass
			RB25#0	22.15	-0.9	21.25	0.133	2.00	Pass
		16-QAM	RB1#0	22.33	-0.9	21.43	0.139	2.00	Pass
			RB1#13	22.46	-0.9	21.56	0.143	2.00	Pass
			RB1#24	22.36	-0.9	21.46	0.140	2.00	Pass
			RB12#0	21.22	-0.9	20.32	0.108	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	-0.9	20.41	0.110	2.00	Pass
			RB12#13	21.23	-0.9	20.33	0.108	2.00	Pass
			RB25#0	21.11	-0.9	20.21	0.105	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.14	-0.9	22.24	0.167	2.00	Pass
			RB1#25	23.12	-0.9	22.22	0.167	2.00	Pass
			RB1#49	23.16	-0.9	22.26	0.168	2.00	Pass
			RB25#0	22.33	-0.9	21.43	0.139	2.00	Pass
			RB25#13	22.32	-0.9	21.42	0.139	2.00	Pass
			RB25#25	22.3	-0.9	21.40	0.138	2.00	Pass
			RB50#0	22.31	-0.9	21.41	0.138	2.00	Pass
		16-QAM	RB1#0	22.48	-0.9	21.58	0.144	2.00	Pass
			RB1#25	22.47	-0.9	21.57	0.144	2.00	Pass
			RB1#49	22.47	-0.9	21.57	0.144	2.00	Pass
			RB25#0	21.37	-0.9	20.47	0.111	2.00	Pass
			RB25#13	21.35	-0.9	20.45	0.111	2.00	Pass
			RB25#25	21.33	-0.9	20.43	0.110	2.00	Pass
			RB50#0	21.29	-0.9	20.39	0.109	2.00	Pass
	MCH	QPSK	RB1#0	23.24	-0.9	22.34	0.171	2.00	Pass
			RB1#25	23.23	-0.9	22.33	0.171	2.00	Pass
			RB1#49	23.16	-0.9	22.26	0.168	2.00	Pass
			RB25#0	22.19	-0.9	21.29	0.135	2.00	Pass
			RB25#13	22.2	-0.9	21.30	0.135	2.00	Pass
			RB25#25	22.23	-0.9	21.33	0.136	2.00	Pass
			RB50#0	22.15	-0.9	21.25	0.133	2.00	Pass
		16-QAM	RB1#0	22.52	-0.9	21.62	0.145	2.00	Pass
			RB1#25	22.5	-0.9	21.60	0.145	2.00	Pass
			RB1#49	22.48	-0.9	21.58	0.144	2.00	Pass
			RB25#0	21.26	-0.9	20.36	0.109	2.00	Pass
			RB25#13	21.26	-0.9	20.36	0.109	2.00	Pass
			RB25#25	21.27	-0.9	20.37	0.109	2.00	Pass
			RB50#0	21.21	-0.9	20.31	0.107	2.00	Pass
	HCH	QPSK	RB1#0	23.13	-0.9	22.23	0.167	2.00	Pass
			RB1#25	23.07	-0.9	22.17	0.165	2.00	Pass
			RB1#49	23.02	-0.9	22.12	0.163	2.00	Pass
			RB25#0	22.15	-0.9	21.25	0.133	2.00	Pass
			RB25#13	22.23	-0.9	21.33	0.136	2.00	Pass
			RB25#25	22.18	-0.9	21.28	0.134	2.00	Pass
			RB50#0	22.14	-0.9	21.24	0.133	2.00	Pass
		16-QAM	RB1#0	22.62	-0.9	21.72	0.149	2.00	Pass
			RB1#25	22.59	-0.9	21.69	0.148	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	22.55	-0.9	21.65	0.146	2.00	Pass
			RB25#0	21.18	-0.9	20.28	0.107	2.00	Pass
			RB25#13	21.28	-0.9	20.38	0.109	2.00	Pass
			RB25#25	21.17	-0.9	20.27	0.106	2.00	Pass
			RB50#0	21.19	-0.9	20.29	0.107	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	23.1	-0.9	22.20	0.166	2.00	Pass
			RB1#38	23	-0.9	22.10	0.162	2.00	Pass
			RB1#74	22.97	-0.9	22.07	0.161	2.00	Pass
			RB36#0	22.29	-0.9	21.39	0.138	2.00	Pass
			RB36#19	22.22	-0.9	21.32	0.136	2.00	Pass
			RB36#39	22.22	-0.9	21.32	0.136	2.00	Pass
			RB75#0	22.25	-0.9	21.35	0.136	2.00	Pass
		16-QAM	RB1#0	22.48	-0.9	21.58	0.144	2.00	Pass
			RB1#38	22.39	-0.9	21.49	0.141	2.00	Pass
			RB1#74	22.36	-0.9	21.46	0.140	2.00	Pass
			RB36#0	21.23	-0.9	20.33	0.108	2.00	Pass
			RB36#19	21.21	-0.9	20.31	0.107	2.00	Pass
			RB36#39	21.17	-0.9	20.27	0.106	2.00	Pass
			RB75#0	21.25	-0.9	20.35	0.108	2.00	Pass
	MCH	QPSK	RB1#0	23.18	-0.9	22.28	0.169	2.00	Pass
			RB1#38	23.1	-0.9	22.20	0.166	2.00	Pass
			RB1#74	23.12	-0.9	22.22	0.167	2.00	Pass
			RB36#0	22.17	-0.9	21.27	0.134	2.00	Pass
			RB36#19	22.1	-0.9	21.20	0.132	2.00	Pass
			RB36#39	22.16	-0.9	21.26	0.134	2.00	Pass
			RB75#0	22.1	-0.9	21.20	0.132	2.00	Pass
		16-QAM	RB1#0	22.58	-0.9	21.68	0.147	2.00	Pass
			RB1#38	22.43	-0.9	21.53	0.142	2.00	Pass
			RB1#74	22.36	-0.9	21.46	0.140	2.00	Pass
			RB36#0	21.19	-0.9	20.29	0.107	2.00	Pass
			RB36#19	21.15	-0.9	20.25	0.106	2.00	Pass
			RB36#39	21.2	-0.9	20.30	0.107	2.00	Pass
			RB75#0	21.11	-0.9	20.21	0.105	2.00	Pass
	HCH	QPSK	RB1#0	23.11	-0.9	22.21	0.166	2.00	Pass
			RB1#38	23.02	-0.9	22.12	0.163	2.00	Pass
			RB1#74	23.08	-0.9	22.18	0.165	2.00	Pass
			RB36#0	22.16	-0.9	21.26	0.134	2.00	Pass
			RB36#19	22.11	-0.9	21.21	0.132	2.00	Pass
			RB36#39	22.2	-0.9	21.30	0.135	2.00	Pass
			RB75#0	22.12	-0.9	21.22	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 BAND41									
		16-QAM	RB1#0	22.58	-0.9	21.68	0.147	2.00	Pass
			RB1#38	22.47	-0.9	21.57	0.144	2.00	Pass
			RB1#74	22.51	-0.9	21.61	0.145	2.00	Pass
			RB36#0	21.15	-0.9	20.25	0.106	2.00	Pass
			RB36#19	21.14	-0.9	20.24	0.106	2.00	Pass
			RB36#39	21.15	-0.9	20.25	0.106	2.00	Pass
			RB75#0	21.13	-0.9	20.23	0.105	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	23.17	-0.9	22.27	0.169	2.00	Pass
			RB1#50	23.06	-0.9	22.16	0.164	2.00	Pass
			RB1#99	23.08	-0.9	22.18	0.165	2.00	Pass
			RB50#0	22.23	-0.9	21.33	0.136	2.00	Pass
			RB50#25	22.29	-0.9	21.39	0.138	2.00	Pass
			RB50#50	22.23	-0.9	21.33	0.136	2.00	Pass
			RB100#0	22.27	-0.9	21.37	0.137	2.00	Pass
		16-QAM	RB1#0	22.49	-0.9	21.59	0.144	2.00	Pass
			RB1#50	22.42	-0.9	21.52	0.142	2.00	Pass
			RB1#99	22.38	-0.9	21.48	0.141	2.00	Pass
			RB50#0	21.2	-0.9	20.30	0.107	2.00	Pass
			RB50#25	21.26	-0.9	20.36	0.109	2.00	Pass
			RB50#50	21.2	-0.9	20.30	0.107	2.00	Pass
			RB100#0	21.24	-0.9	20.34	0.108	2.00	Pass
	MCH	QPSK	RB1#0	23.35	-0.9	22.45	0.176	2.00	Pass
			RB1#50	23.11	-0.9	22.21	0.166	2.00	Pass
			RB1#99	23.16	-0.9	22.26	0.168	2.00	Pass
			RB50#0	22.16	-0.9	21.26	0.134	2.00	Pass
			RB50#25	22.14	-0.9	21.24	0.133	2.00	Pass
			RB50#50	22.18	-0.9	21.28	0.134	2.00	Pass
			RB100#0	22.12	-0.9	21.22	0.132	2.00	Pass
		16-QAM	RB1#0	22.68	-0.9	21.78	0.151	2.00	Pass
			RB1#50	22.47	-0.9	21.57	0.144	2.00	Pass
			RB1#99	22.52	-0.9	21.62	0.145	2.00	Pass
			RB50#0	21.26	-0.9	20.36	0.109	2.00	Pass
			RB50#25	21.18	-0.9	20.28	0.107	2.00	Pass
			RB50#50	21.22	-0.9	20.32	0.108	2.00	Pass
			RB100#0	21.12	-0.9	20.22	0.105	2.00	Pass
	HCH	QPSK	RB1#0	23.2	-0.9	22.30	0.170	2.00	Pass
			RB1#50	22.99	-0.9	22.09	0.162	2.00	Pass
			RB1#99	23.06	-0.9	22.16	0.164	2.00	Pass
			RB50#0	22.2	-0.9	21.30	0.135	2.00	Pass
			RB50#25	22.16	-0.9	21.26	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 BAND41									
			RB50#50	22.2	-0.9	21.30	0.135	2.00	Pass
			RB100#0	22.11	-0.9	21.21	0.132	2.00	Pass
		16-QAM	RB1#0	22.4	-0.9	21.50	0.141	2.00	Pass
			RB1#50	22.24	-0.9	21.34	0.136	2.00	Pass
			RB1#99	22.25	-0.9	21.35	0.136	2.00	Pass
			RB50#0	21.23	-0.9	20.33	0.108	2.00	Pass
			RB50#25	21.17	-0.9	20.27	0.106	2.00	Pass
			RB50#50	21.18	-0.9	20.28	0.107	2.00	Pass
			RB100#0	21.15	-0.9	20.25	0.106	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	22.88	-1.2	21.68	0.147	1.00	Pass
			RB1#3	22.92	-1.2	21.72	0.149	1.00	Pass
			RB1#5	22.84	-1.2	21.64	0.146	1.00	Pass
			RB3#0	22.89	-1.2	21.69	0.148	1.00	Pass
			RB3#2	22.9	-1.2	21.70	0.148	1.00	Pass
			RB3#3	22.84	-1.2	21.64	0.146	1.00	Pass
			RB6#0	21.96	-1.2	20.76	0.119	1.00	Pass
		16-QAM	RB1#0	22.1	-1.2	20.90	0.123	1.00	Pass
			RB1#3	22.13	-1.2	20.93	0.124	1.00	Pass
			RB1#5	22.07	-1.2	20.87	0.122	1.00	Pass
			RB3#0	21.97	-1.2	20.77	0.119	1.00	Pass
			RB3#2	22.07	-1.2	20.87	0.122	1.00	Pass
			RB3#3	22.02	-1.2	20.82	0.121	1.00	Pass
			RB6#0	21.14	-1.2	19.94	0.099	1.00	Pass
	MCH	QPSK	RB1#0	22.9	-1.2	21.70	0.148	1.00	Pass
			RB1#3	22.92	-1.2	21.72	0.149	1.00	Pass
			RB1#5	22.85	-1.2	21.65	0.146	1.00	Pass
			RB3#0	22.85	-1.2	21.65	0.146	1.00	Pass
			RB3#2	22.93	-1.2	21.73	0.149	1.00	Pass
			RB3#3	22.85	-1.2	21.65	0.146	1.00	Pass
			RB6#0	21.94	-1.2	20.74	0.119	1.00	Pass
		16-QAM	RB1#0	22.34	-1.2	21.14	0.130	1.00	Pass
			RB1#3	22.35	-1.2	21.15	0.130	1.00	Pass
			RB1#5	22.3	-1.2	21.10	0.129	1.00	Pass
			RB3#0	22.13	-1.2	20.93	0.124	1.00	Pass
			RB3#2	22.16	-1.2	20.96	0.125	1.00	Pass
			RB3#3	22.1	-1.2	20.90	0.123	1.00	Pass
			RB6#0	20.88	-1.2	19.68	0.093	1.00	Pass
	HCH	QPSK	RB1#0	22.81	-1.2	21.61	0.145	1.00	Pass
			RB1#3	22.87	-1.2	21.67	0.147	1.00	Pass
			RB1#5	22.83	-1.2	21.63	0.146	1.00	Pass
			RB3#0	22.89	-1.2	21.69	0.148	1.00	Pass
			RB3#2	22.92	-1.2	21.72	0.149	1.00	Pass
			RB3#3	22.87	-1.2	21.67	0.147	1.00	Pass
			RB6#0	21.92	-1.2	20.72	0.118	1.00	Pass
		16-QAM	RB1#0	21.93	-1.2	20.73	0.118	1.00	Pass
			RB1#3	22.01	-1.2	20.81	0.121	1.00	Pass
			RB1#5	21.96	-1.2	20.76	0.119	1.00	Pass
			RB3#0	22.1	-1.2	20.90	0.123	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	22.14	-1.2	20.94	0.124	1.00	Pass
			RB3#3	22.05	-1.2	20.85	0.122	1.00	Pass
			RB6#0	21.09	-1.2	19.89	0.097	1.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.98	-1.2	21.78	0.151	1.00	Pass
			RB1#7	23	-1.2	21.80	0.151	1.00	Pass
			RB1#14	22.88	-1.2	21.68	0.147	1.00	Pass
			RB8#0	22.07	-1.2	20.87	0.122	1.00	Pass
			RB8#4	22.09	-1.2	20.89	0.123	1.00	Pass
			RB8#7	22.08	-1.2	20.88	0.122	1.00	Pass
			RB15#0	22.04	-1.2	20.84	0.121	1.00	Pass
		16-QAM	RB1#0	21.95	-1.2	20.75	0.119	1.00	Pass
			RB1#7	22.04	-1.2	20.84	0.121	1.00	Pass
			RB1#14	21.93	-1.2	20.73	0.118	1.00	Pass
			RB8#0	21.21	-1.2	20.01	0.100	1.00	Pass
			RB8#4	21.21	-1.2	20.01	0.100	1.00	Pass
			RB8#7	21.16	-1.2	19.96	0.099	1.00	Pass
			RB15#0	21.09	-1.2	19.89	0.097	1.00	Pass
	MCH	QPSK	RB1#0	22.94	-1.2	21.74	0.149	1.00	Pass
			RB1#7	22.99	-1.2	21.79	0.151	1.00	Pass
			RB1#14	22.97	-1.2	21.77	0.150	1.00	Pass
			RB8#0	21.98	-1.2	20.78	0.120	1.00	Pass
			RB8#4	22.03	-1.2	20.83	0.121	1.00	Pass
			RB8#7	22.01	-1.2	20.81	0.121	1.00	Pass
			RB15#0	22	-1.2	20.80	0.120	1.00	Pass
		16-QAM	RB1#0	22.4	-1.2	21.20	0.132	1.00	Pass
			RB1#7	22.52	-1.2	21.32	0.136	1.00	Pass
			RB1#14	22.38	-1.2	21.18	0.131	1.00	Pass
			RB8#0	21.05	-1.2	19.85	0.097	1.00	Pass
			RB8#4	21.11	-1.2	19.91	0.098	1.00	Pass
			RB8#7	21.12	-1.2	19.92	0.098	1.00	Pass
			RB15#0	21.03	-1.2	19.83	0.096	1.00	Pass
	HCH	QPSK	RB1#0	22.91	-1.2	21.71	0.148	1.00	Pass
			RB1#7	22.95	-1.2	21.75	0.150	1.00	Pass
			RB1#14	22.87	-1.2	21.67	0.147	1.00	Pass
			RB8#0	22	-1.2	20.80	0.120	1.00	Pass
			RB8#4	21.96	-1.2	20.76	0.119	1.00	Pass
			RB8#7	21.92	-1.2	20.72	0.118	1.00	Pass
			RB15#0	21.99	-1.2	20.79	0.120	1.00	Pass
		16-QAM	RB1#0	22.03	-1.2	20.83	0.121	1.00	Pass
			RB1#7	22.07	-1.2	20.87	0.122	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	22.01	-1.2	20.81	0.121	1.00	Pass
			RB8#0	21.04	-1.2	19.84	0.096	1.00	Pass
			RB8#4	21.09	-1.2	19.89	0.097	1.00	Pass
			RB8#7	21.02	-1.2	19.82	0.096	1.00	Pass
			RB15#0	20.98	-1.2	19.78	0.095	1.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.98	-1.2	21.78	0.151	1.00	Pass
			RB1#13	22.97	-1.2	21.77	0.150	1.00	Pass
			RB1#24	22.86	-1.2	21.66	0.147	1.00	Pass
			RB12#0	22.09	-1.2	20.89	0.123	1.00	Pass
			RB12#6	22.05	-1.2	20.85	0.122	1.00	Pass
			RB12#13	22.02	-1.2	20.82	0.121	1.00	Pass
			RB25#0	22.02	-1.2	20.82	0.121	1.00	Pass
		16-QAM	RB1#0	22.21	-1.2	21.01	0.126	1.00	Pass
			RB1#13	22.24	-1.2	21.04	0.127	1.00	Pass
			RB1#24	22.18	-1.2	20.98	0.125	1.00	Pass
			RB12#0	21.14	-1.2	19.94	0.099	1.00	Pass
			RB12#6	21.18	-1.2	19.98	0.100	1.00	Pass
			RB12#13	21.08	-1.2	19.88	0.097	1.00	Pass
			RB25#0	21.07	-1.2	19.87	0.097	1.00	Pass
	MCH	QPSK	RB1#0	22.92	-1.2	21.72	0.149	1.00	Pass
			RB1#13	23.05	-1.2	21.85	0.153	1.00	Pass
			RB1#24	22.99	-1.2	21.79	0.151	1.00	Pass
			RB12#0	21.99	-1.2	20.79	0.120	1.00	Pass
			RB12#6	22.06	-1.2	20.86	0.122	1.00	Pass
			RB12#13	22.03	-1.2	20.83	0.121	1.00	Pass
			RB25#0	22	-1.2	20.80	0.120	1.00	Pass
		16-QAM	RB1#0	22.46	-1.2	21.26	0.134	1.00	Pass
			RB1#13	22.55	-1.2	21.35	0.136	1.00	Pass
			RB1#24	22.53	-1.2	21.33	0.136	1.00	Pass
			RB12#0	21.17	-1.2	19.97	0.099	1.00	Pass
			RB12#6	21.23	-1.2	20.03	0.101	1.00	Pass
			RB12#13	21.2	-1.2	20.00	0.100	1.00	Pass
			RB25#0	21.08	-1.2	19.88	0.097	1.00	Pass
	HCH	QPSK	RB1#0	22.93	-1.2	21.73	0.149	1.00	Pass
			RB1#13	22.97	-1.2	21.77	0.150	1.00	Pass
			RB1#24	22.87	-1.2	21.67	0.147	1.00	Pass
			RB12#0	21.99	-1.2	20.79	0.120	1.00	Pass
			RB12#6	22	-1.2	20.80	0.120	1.00	Pass
			RB12#13	21.95	-1.2	20.75	0.119	1.00	Pass
			RB25#0	22	-1.2	20.80	0.120	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	22.13	-1.2	20.93	0.124	1.00	Pass
			RB1#13	22.17	-1.2	20.97	0.125	1.00	Pass
			RB1#24	22.14	-1.2	20.94	0.124	1.00	Pass
			RB12#0	21.08	-1.2	19.88	0.097	1.00	Pass
			RB12#6	21.1	-1.2	19.90	0.098	1.00	Pass
			RB12#13	20.99	-1.2	19.79	0.095	1.00	Pass
			RB25#0	20.97	-1.2	19.77	0.095	1.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.06	-1.2	21.86	0.153	1.00	Pass
			RB1#25	22.91	-1.2	21.71	0.148	1.00	Pass
			RB1#49	22.9	-1.2	21.70	0.148	1.00	Pass
			RB25#0	22.13	-1.2	20.93	0.124	1.00	Pass
			RB25#13	22.09	-1.2	20.89	0.123	1.00	Pass
			RB25#25	22.02	-1.2	20.82	0.121	1.00	Pass
			RB50#0	22.09	-1.2	20.89	0.123	1.00	Pass
		16-QAM	RB1#0	22.14	-1.2	20.94	0.124	1.00	Pass
			RB1#25	21.9	-1.2	20.70	0.117	1.00	Pass
			RB1#49	21.93	-1.2	20.73	0.118	1.00	Pass
			RB25#0	21.11	-1.2	19.91	0.098	1.00	Pass
			RB25#13	21.14	-1.2	19.94	0.099	1.00	Pass
			RB25#25	21.05	-1.2	19.85	0.097	1.00	Pass
			RB50#0	21.05	-1.2	19.85	0.097	1.00	Pass
	MCH	QPSK	RB1#0	22.98	-1.2	21.78	0.151	1.00	Pass
			RB1#25	22.92	-1.2	21.72	0.149	1.00	Pass
			RB1#49	22.92	-1.2	21.72	0.149	1.00	Pass
			RB25#0	22.07	-1.2	20.87	0.122	1.00	Pass
			RB25#13	22.02	-1.2	20.82	0.121	1.00	Pass
			RB25#25	22.03	-1.2	20.83	0.121	1.00	Pass
			RB50#0	21.99	-1.2	20.79	0.120	1.00	Pass
		16-QAM	RB1#0	22.47	-1.2	21.27	0.134	1.00	Pass
			RB1#25	22.43	-1.2	21.23	0.133	1.00	Pass
			RB1#49	22.33	-1.2	21.13	0.130	1.00	Pass
			RB25#0	21.09	-1.2	19.89	0.097	1.00	Pass
			RB25#13	21.08	-1.2	19.88	0.097	1.00	Pass
			RB25#25	21.06	-1.2	19.86	0.097	1.00	Pass
			RB50#0	21.06	-1.2	19.86	0.097	1.00	Pass
	HCH	QPSK	RB1#0	22.97	-1.2	21.77	0.150	1.00	Pass
			RB1#25	22.93	-1.2	21.73	0.149	1.00	Pass
			RB1#49	22.91	-1.2	21.71	0.148	1.00	Pass
			RB25#0	21.96	-1.2	20.76	0.119	1.00	Pass
			RB25#13	21.93	-1.2	20.73	0.118	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	22	-1.2	20.80	0.120	1.00	Pass
			RB50#0	21.93	-1.2	20.73	0.118	1.00	Pass
		16-QAM	RB1#0	22.03	-1.2	20.83	0.121	1.00	Pass
			RB1#25	21.94	-1.2	20.74	0.119	1.00	Pass
			RB1#49	21.91	-1.2	20.71	0.118	1.00	Pass
			RB25#0	21.06	-1.2	19.86	0.097	1.00	Pass
			RB25#13	21.01	-1.2	19.81	0.096	1.00	Pass
			RB25#25	21.07	-1.2	19.87	0.097	1.00	Pass
			RB50#0	20.97	-1.2	19.77	0.095	1.00	Pass
15 MHz	LCH	QPSK	RB1#0	23.01	-1.2	21.81	0.152	1.00	Pass
			RB1#38	22.94	-1.2	21.74	0.149	1.00	Pass
			RB1#74	22.89	-1.2	21.69	0.148	1.00	Pass
			RB36#0	21.95	-1.2	20.75	0.119	1.00	Pass
			RB36#19	22.06	-1.2	20.86	0.122	1.00	Pass
			RB36#39	21.99	-1.2	20.79	0.120	1.00	Pass
			RB75#0	22.05	-1.2	20.85	0.122	1.00	Pass
		16-QAM	RB1#0	22.11	-1.2	20.91	0.123	1.00	Pass
			RB1#38	21.96	-1.2	20.76	0.119	1.00	Pass
			RB1#74	21.92	-1.2	20.72	0.118	1.00	Pass
			RB36#0	21.01	-1.2	19.81	0.096	1.00	Pass
			RB36#19	21.09	-1.2	19.89	0.097	1.00	Pass
			RB36#39	20.98	-1.2	19.78	0.095	1.00	Pass
			RB75#0	21.04	-1.2	19.84	0.096	1.00	Pass
	MCH	QPSK	RB1#0	23	-1.2	21.80	0.151	1.00	Pass
			RB1#38	22.95	-1.2	21.75	0.150	1.00	Pass
			RB1#74	22.92	-1.2	21.72	0.149	1.00	Pass
			RB36#0	22.03	-1.2	20.83	0.121	1.00	Pass
			RB36#19	22.04	-1.2	20.84	0.121	1.00	Pass
			RB36#39	22.06	-1.2	20.86	0.122	1.00	Pass
			RB75#0	21.99	-1.2	20.79	0.120	1.00	Pass
		16-QAM	RB1#0	22.53	-1.2	21.33	0.136	1.00	Pass
			RB1#38	22.41	-1.2	21.21	0.132	1.00	Pass
			RB1#74	22.37	-1.2	21.17	0.131	1.00	Pass
			RB36#0	21.12	-1.2	19.92	0.098	1.00	Pass
			RB36#19	21.1	-1.2	19.90	0.098	1.00	Pass
			RB36#39	21.1	-1.2	19.90	0.098	1.00	Pass
			RB75#0	21.04	-1.2	19.84	0.096	1.00	Pass
	HCH	QPSK	RB1#0	23	-1.2	21.80	0.151	1.00	Pass
			RB1#38	22.89	-1.2	21.69	0.148	1.00	Pass
			RB1#74	22.85	-1.2	21.65	0.146	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	21.99	-1.2	20.79	0.120	1.00	Pass
			RB36#19	22.02	-1.2	20.82	0.121	1.00	Pass
			RB36#39	21.98	-1.2	20.78	0.120	1.00	Pass
			RB75#0	21.92	-1.2	20.72	0.118	1.00	Pass
		16-QAM	RB1#0	22.37	-1.2	21.17	0.131	1.00	Pass
			RB1#38	22.35	-1.2	21.15	0.130	1.00	Pass
			RB1#74	22.38	-1.2	21.18	0.131	1.00	Pass
			RB36#0	20.99	-1.2	19.79	0.095	1.00	Pass
			RB36#19	21.03	-1.2	19.83	0.096	1.00	Pass
			RB36#39	20.95	-1.2	19.75	0.094	1.00	Pass
			RB75#0	20.93	-1.2	19.73	0.094	1.00	Pass
20 MHz	LCH	QPSK	RB1#0	23.13	-1.2	21.93	0.156	1.00	Pass
			RB1#50	22.94	-1.2	21.74	0.149	1.00	Pass
			RB1#99	22.95	-1.2	21.75	0.150	1.00	Pass
			RB50#0	22.01	-1.2	20.81	0.121	1.00	Pass
			RB50#25	22.07	-1.2	20.87	0.122	1.00	Pass
			RB50#50	22.01	-1.2	20.81	0.121	1.00	Pass
			RB100#0	22.05	-1.2	20.85	0.122	1.00	Pass
		16-QAM	RB1#0	22.68	-1.2	21.48	0.141	1.00	Pass
			RB1#50	22.49	-1.2	21.29	0.135	1.00	Pass
			RB1#99	22.52	-1.2	21.32	0.136	1.00	Pass
			RB50#0	21.06	-1.2	19.86	0.097	1.00	Pass
			RB50#25	21.09	-1.2	19.89	0.097	1.00	Pass
			RB50#50	21.05	-1.2	19.85	0.097	1.00	Pass
			RB100#0	21.12	-1.2	19.92	0.098	1.00	Pass
	MCH	QPSK	RB1#0	23.06	-1.2	21.86	0.153	1.00	Pass
			RB1#50	22.97	-1.2	21.77	0.150	1.00	Pass
			RB1#99	22.95	-1.2	21.75	0.150	1.00	Pass
			RB50#0	22.06	-1.2	20.86	0.122	1.00	Pass
			RB50#25	22.03	-1.2	20.83	0.121	1.00	Pass
			RB50#50	22.02	-1.2	20.82	0.121	1.00	Pass
			RB100#0	22.02	-1.2	20.82	0.121	1.00	Pass
		16-QAM	RB1#0	22.5	-1.2	21.30	0.135	1.00	Pass
			RB1#50	22.46	-1.2	21.26	0.134	1.00	Pass
			RB1#99	22.41	-1.2	21.21	0.132	1.00	Pass
			RB50#0	21.11	-1.2	19.91	0.098	1.00	Pass
			RB50#25	21.07	-1.2	19.87	0.097	1.00	Pass
			RB50#50	21.08	-1.2	19.88	0.097	1.00	Pass
			RB100#0	21.05	-1.2	19.85	0.097	1.00	Pass
	HCH	QPSK	RB1#0	22.95	-1.2	21.75	0.150	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	22.73	-1.2	21.53	0.142	1.00	Pass
			RB1#99	22.76	-1.2	21.56	0.143	1.00	Pass
			RB50#0	22.02	-1.2	20.82	0.121	1.00	Pass
			RB50#25	22.03	-1.2	20.83	0.121	1.00	Pass
			RB50#50	21.95	-1.2	20.75	0.119	1.00	Pass
			RB100#0	21.95	-1.2	20.75	0.119	1.00	Pass
		16-QAM	RB1#0	22.48	-1.2	21.28	0.134	1.00	Pass
			RB1#50	22.25	-1.2	21.05	0.127	1.00	Pass
			RB1#99	22.27	-1.2	21.07	0.128	1.00	Pass
			RB50#0	21.01	-1.2	19.81	0.096	1.00	Pass
			RB50#25	21.02	-1.2	19.82	0.096	1.00	Pass
			RB50#50	20.96	-1.2	19.76	0.095	1.00	Pass
			RB100#0	20.97	-1.2	19.77	0.095	1.00	Pass

Modulation	PCC RB		SCC RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
	Size	Offset	Size	Offset	LCH	MCH	HCH		LCH	MCH	HCH	
CA_38C												
15MHz+15MHz												
QPSK	1	74	1	0	11.68	11.7	11.68	-0.9	0.012	0.012	0.012	2.000
	1	74	2	0	23.75	23.79	23.81	-0.9	0.193	0.195	0.195	2.000
	75	0	75	0	21.13	21.09	21.08	-0.9	0.105	0.104	0.104	2.000
16-QAM	1	74	1	0	22.78	22.52	22.64	-0.9	0.154	0.145	0.149	2.000
	1	74	2	0	22.65	22.48	22.51	-0.9	0.150	0.144	0.145	2.000
	75	0	75	0	19.69	19.66	19.62	-0.9	0.076	0.075	0.074	2.000
20MHz+20MHz												
QPSK	1	99	1	0	11.7	11.66	11.69	-0.9	0.012	0.012	0.012	2.000
	1	99	2	0	23.7	23.67	23.72	-0.9	0.191	0.189	0.191	2.000
	100	0	100	0	21.19	21.11	21.05	-0.9	0.107	0.105	0.104	2.000
16-QAM	1	99	1	0	22.38	22.41	22.26	-0.9	0.141	0.142	0.137	2.000
	1	99	2	0	22.69	22.6	22.74	-0.9	0.151	0.148	0.153	2.000
	100	0	100	0	19.76	19.64	19.62	-0.9	0.077	0.075	0.074	2.000

Modulation	PCC RB		SCC RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
	Size	Offset	Size	Offset	LCH	MCH	HCH		LCH	MCH	HCH	
CA_41C												
5MHz+20MHz												
QPSK	1	24	1	0	11.64	11.48	11.32	-0.9	0.012	0.011	0.011	2.000
	1	24	2	0	23.67	23.45	23.26	-0.9	0.189	0.180	0.172	2.000
	25	0	100	0	21.29	21.24	21.07	-0.9	0.109	0.108	0.104	2.000
16-QAM	1	24	1	0	22.95	22.67	22.54	-0.9	0.160	0.150	0.146	2.000
	1	24	2	0	23.14	22.66	22.47	-0.9	0.167	0.150	0.144	2.000
	25	0	100	0	19.91	19.76	19.67	-0.9	0.080	0.077	0.075	2.000
20MHz+5MHz												
QPSK	1	99	1	0	11.87	11.79	11.65	-0.9	0.013	0.012	0.012	2.000
	1	99	2	0	23.9	23.85	23.61	-0.9	0.200	0.197	0.187	2.000
	100	0	25	0	21.42	21.31	21.16	-0.9	0.113	0.110	0.106	2.000
16-QAM	1	99	1	0	22.72	22.66	22.56	-0.9	0.152	0.150	0.147	2.000
	1	99	2	0	22.73	22.68	22.53	-0.9	0.152	0.151	0.146	2.000
	100	0	25	0	19.9	19.79	19.63	-0.9	0.079	0.077	0.075	2.000
10MHz+20MHz												
QPSK	1	49	1	0	11.67	11.58	11.51	-0.9	0.012	0.012	0.012	2.000
	1	49	2	0	23.69	23.52	23.47	-0.9	0.190	0.183	0.181	2.000
	50	0	100	0	21.37	21.40	21.23	-0.9	0.111	0.112	0.108	2.000
16-QAM	1	49	1	0	23.03	22.58	22.31	-0.9	0.163	0.147	0.138	2.000
	1	49	2	0	22.95	22.64	22.24	-0.9	0.160	0.149	0.136	2.000
	50	0	100	0	19.89	19.90	19.69	-0.9	0.079	0.079	0.076	2.000
20MHz+10MHz												
QPSK	1	99	1	0	12.00	11.03	11.03	-0.9	0.013	0.010	0.010	2.000
	1	99	2	0	18.71	19.14	18.29	-0.9	0.060	0.067	0.055	2.000
	2	98	1	0	23.46	23.07	22.92	-0.9	0.180	0.165	0.159	2.000
16-QAM	100	0	50	0	21.59	21.23	21.02	-0.9	0.117	0.108	0.103	2.000
	1	99	1	0	17.73	17.74	17.14	-0.9	0.048	0.048	0.042	2.000
	1	99	2	0	17.74	17.72	17.15	-0.9	0.048	0.048	0.042	2.000
15MHz+15MHz												
QPSK	1	74	1	0	11.81	10.95	10.92	-0.9	0.012	0.010	0.010	2.000
	1	74	2	0	23.82	22.93	22.80	-0.9	0.196	0.160	0.155	2.000
	75	0	75	0	21.26	21.13	21.01	-0.9	0.109	0.105	0.103	2.000
16-QAM	1	74	1	0	22.91	22.06	21.89	-0.9	0.159	0.131	0.126	2.000
	1	74	2	0	22.85	21.88	21.92	-0.9	0.157	0.125	0.126	2.000
	75	0	75	0	19.86	19.66	19.57	-0.9	0.079	0.075	0.074	2.000
15MHz+20MHz												
QPSK	1	74	1	0	23.80	22.99	22.61	-0.9	0.195	0.162	0.148	2.000
	1	74	2	0	23.74	23.00	22.62	-0.9	0.192	0.162	0.149	2.000
	75	0	100	0	22.15	21.86	21.70	-0.9	0.133	0.125	0.120	2.000
16-QAM	1	74	1	0	22.75	21.94	21.65	-0.9	0.153	0.127	0.119	2.000

Modulation	PCC RB		SCC RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
	Size	Offset	Size	Offset	LCH	MCH	HCH		LCH	MCH	HCH	
CA_41C												
	1	74	2	0	22.72	22.02	21.66	-0.9	0.152	0.129	0.119	2.000
	75	0	100	0	21.04	20.90	20.68	-0.9	0.103	0.100	0.095	2.000
20MHz+15MHz												
QPSK	1	99	1	0	24.08	23.04	23.79	-0.9	0.208	0.164	0.195	2.000
	1	99	2	0	24.09	23.05	23.82	-0.9	0.208	0.164	0.196	2.000
	100	0	75	0	24.08	23.73	23.74	-0.9	0.208	0.192	0.192	2.000
16-QAM	1	99	1	0	23.62	23.66	23.71	-0.9	0.187	0.189	0.191	2.000
	1	99	2	0	24.05	23.80	23.60	-0.9	0.207	0.195	0.186	2.000
	100	0	75	0	23.73	23.85	23.79	-0.9	0.192	0.197	0.195	2.000
20MHz+20MHz												
QPSK	1	99	1	0	11.85	11.83	11.61	-0.9	0.012	0.012	0.012	2.000
	1	99	2	0	23.91	23.91	23.59	-0.9	0.200	0.200	0.186	2.000
	100	0	100	0	21.38	21.24	21.15	-0.9	0.112	0.108	0.106	2.000
16-QAM	1	99	1	0	22.67	22.70	22.56	-0.9	0.150	0.151	0.147	2.000
	1	99	2	0	22.91	22.71	22.52	-0.9	0.159	0.152	0.145	2.000
	100	0	100	0	19.92	19.76	19.61	-0.9	0.080	0.077	0.074	2.000

NR Mode Test Data

Test BW	Test Channel	Test Mode	UL RB Number	UL RB Position	Conducted Output AV Power(dBm)	ERP (W)	Limit (W)	Verdict
NR Band n5								
5	LCH	16QAM	1	1	23.17	0.066	7.000	Pass
			1	23	23.03	0.064	7.000	Pass
			12	6	22.89	0.062	7.000	Pass
		QPSK	1	1	23.72	0.075	7.000	Pass
			1	23	23.66	0.074	7.000	Pass
			12	6	23.81	0.077	7.000	Pass
	MCH	16QAM	1	1	23.17	0.066	7.000	Pass
			1	23	23.06	0.065	7.000	Pass
			12	6	22.81	0.061	7.000	Pass
		QPSK	1	1	23.68	0.075	7.000	Pass
			1	23	23.61	0.073	7.000	Pass
			12	6	23.84	0.077	7.000	Pass
	HCH	16QAM	1	1	23	0.064	7.000	Pass
			1	23	22.83	0.061	7.000	Pass
			12	6	22.71	0.060	7.000	Pass
		QPSK	1	1	23.54	0.072	7.000	Pass
			1	23	23.39	0.070	7.000	Pass
			12	6	23.69	0.075	7.000	Pass
15	LCH	16QAM	1	1	23.19	0.067	7.000	Pass
			1	77	23.12	0.066	7.000	Pass
			36	18	22.85	0.062	7.000	Pass
		QPSK	1	1	23.73	0.076	7.000	Pass
			1	77	23.66	0.074	7.000	Pass
			36	18	23.9	0.079	7.000	Pass
	MCH	16QAM	1	1	23.13	0.066	7.000	Pass
			1	77	22.84	0.062	7.000	Pass
			36	18	22.82	0.061	7.000	Pass
		QPSK	1	1	23.91	0.079	7.000	Pass
			1	77	23.76	0.076	7.000	Pass
			36	18	23.83	0.077	7.000	Pass
	HCH	16QAM	1	1	22.88	0.062	7.000	Pass
			1	77	22.73	0.060	7.000	Pass
			36	18	22.70	0.060	7.000	Pass
		QPSK	1	1	23.84	0.077	7.000	Pass
			1	77	23.74	0.076	7.000	Pass
			36	18	23.75	0.076	7.000	Pass
20	LCH	16QAM	1	1	22.85	0.062	7.000	Pass
			1	104	22.93	0.063	7.000	Pass
			50	25	22.81	0.061	7.000	Pass
		QPSK	1	1	23.88	0.078	7.000	Pass

			1	104	23.67	0.074	7.000	Pass
			50	25	23.82	0.077	7.000	Pass
	MCH	16QAM	1	1	22.96	0.063	7.000	Pass
			1	104	22.77	0.061	7.000	Pass
			50	25	22.79	0.061	7.000	Pass
		QPSK	1	1	23.91	0.079	7.000	Pass
			1	104	23.82	0.077	7.000	Pass
			50	25	23.82	0.077	7.000	Pass
	HCH	16QAM	1	1	22.91	0.063	7.000	Pass
			1	104	22.63	0.059	7.000	Pass
			50	25	22.74	0.060	7.000	Pass
		QPSK	1	1	23.92	0.079	7.000	Pass
			1	104	23.64	0.074	7.000	Pass
			50	25	23.77	0.076	7.000	Pass

Test BW	Test Channel	Test Mode	UL RB Number	UL RB Position	Conducted Output AV Power(dBm)	EIRP (W)	Limit (W)	Verdict
NR Band n7								
5	LCH	16QAM	1	1	21.08	0.104	2.000	Pass
			1	23	21.15	0.106	2.000	Pass
			12	6	21.83	0.124	2.000	Pass
		QPSK	1	1	22.05	0.130	2.000	Pass
			1	23	22.28	0.137	2.000	Pass
			12	6	22.43	0.142	2.000	Pass
	MCH	16QAM	1	1	22.36	0.140	2.000	Pass
			1	23	22.24	0.136	2.000	Pass
			12	6	22.05	0.130	2.000	Pass
		QPSK	1	1	22.88	0.158	2.000	Pass
			1	23	22.93	0.160	2.000	Pass
			12	6	23.03	0.163	2.000	Pass
	HCH	16QAM	1	1	21.93	0.127	2.000	Pass
			1	23	21.81	0.123	2.000	Pass
			12	6	21.99	0.129	2.000	Pass
		QPSK	1	1	22.81	0.155	2.000	Pass
			1	23	22.87	0.157	2.000	Pass
			12	6	22.99	0.162	2.000	Pass
15	LCH	16QAM	1	0	22.04	0.130	2.000	Pass
			1	78	22.21	0.135	2.000	Pass
			36	18	22.03	0.130	2.000	Pass
		QPSK	1	0	22.84	0.156	2.000	Pass
			1	78	22.99	0.162	2.000	Pass
			36	18	23.08	0.165	2.000	Pass
	MCH	16QAM	1	0	22.49	0.144	2.000	Pass
			1	78	22.45	0.143	2.000	Pass
			36	18	22.22	0.136	2.000	Pass
		QPSK	1	0	22.76	0.153	2.000	Pass
			1	78	22.84	0.156	2.000	Pass
			36	18	23.19	0.169	2.000	Pass
	HCH	16QAM	1	0	22.42	0.142	2.000	Pass
			1	78	22.37	0.140	2.000	Pass
			36	18	22.16	0.134	2.000	Pass
		QPSK	1	0	22.98	0.161	2.000	Pass
			1	78	22.92	0.159	2.000	Pass
			36	18	23.15	0.168	2.000	Pass
20	LCH	16QAM	1	1	21.41	0.112	2.000	Pass
			1	104	21.69	0.120	2.000	Pass
			50	25	22.08	0.131	2.000	Pass
		QPSK	1	1	22.13	0.133	2.000	Pass

			1	104	22.45	0.143	2.000	Pass
			50	25	23.16	0.168	2.000	Pass
	MCH	16QAM	1	1	22.37	0.140	2.000	Pass
			1	104	22.42	0.142	2.000	Pass
			50	25	22.01	0.129	2.000	Pass
		QPSK	1	1	22.91	0.159	2.000	Pass
			1	104	22.96	0.161	2.000	Pass
			50	25	23.11	0.166	2.000	Pass
	HCH	16QAM	1	1	22.08	0.131	2.000	Pass
			1	104	22.13	0.133	2.000	Pass
			50	25	21.88	0.125	2.000	Pass
		QPSK	1	1	22.78	0.154	2.000	Pass
			1	104	22.77	0.154	2.000	Pass
			50	25	22.96	0.161	2.000	Pass

Test BW	Test Channel	Test Mode	UL RB Number	UL RB Position	Conducted Output AV Power(dBm)	EIRP (W)	Limit (W)	Verdict
NR Band n38								
20	LCH	16QAM	1	1	21.77	0.122	2.000	Pass
			1	49	21.73	0.121	2.000	Pass
			25	12	21.72	0.121	2.000	Pass
		QPSK	1	1	22.75	0.153	2.000	Pass
			1	49	22.75	0.153	2.000	Pass
			25	12	22.68	0.151	2.000	Pass
	MCH	16QAM	1	1	21.72	0.121	2.000	Pass
			1	49	21.69	0.120	2.000	Pass
			25	12	21.78	0.122	2.000	Pass
		QPSK	1	1	22.62	0.149	2.000	Pass
			1	49	22.66	0.150	2.000	Pass
			25	12	22.73	0.152	2.000	Pass
	HCH	16QAM	1	1	21.75	0.122	2.000	Pass
			1	49	21.83	0.124	2.000	Pass
			25	12	21.93	0.127	2.000	Pass
		QPSK	1	1	22.89	0.158	2.000	Pass
			1	49	22.77	0.154	2.000	Pass
			25	12	22.79	0.155	2.000	Pass

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	16QAM	1	1	21.74	0.121	2.000	Pass
			1	49	21.52	0.115	2.000	Pass
			25	12	21.71	0.121	2.000	Pass
		QPSK	1	1	22.85	0.157	2.000	Pass
			1	49	22.64	0.149	2.000	Pass
			25	12	22.82	0.156	2.000	Pass
	MCH	16QAM	1	1	21.68	0.120	2.000	Pass
			1	49	21.92	0.126	2.000	Pass
			25	12	21.82	0.124	2.000	Pass
		QPSK	1	1	22.78	0.154	2.000	Pass
			1	49	22.74	0.153	2.000	Pass
			25	12	22.78	0.154	2.000	Pass
	HCH	16QAM	1	1	21.67	0.119	2.000	Pass
			1	49	21.73	0.121	2.000	Pass
			25	12	21.85	0.124	2.000	Pass
		QPSK	1	1	22.73	0.152	2.000	Pass
			1	49	22.79	0.155	2.000	Pass
			25	12	22.89	0.158	2.000	Pass
60	LCH	16QAM	1	1	21.81	0.123	2.000	Pass
			1	160	21.66	0.119	2.000	Pass
			81	40	21.84	0.124	2.000	Pass
		QPSK	1	1	22.68	0.151	2.000	Pass
			1	160	22.67	0.150	2.000	Pass
			81	40	22.77	0.154	2.000	Pass
	MCH	16QAM	1	1	21.75	0.122	2.000	Pass
			1	160	21.79	0.123	2.000	Pass
			81	40	21.71	0.121	2.000	Pass
		QPSK	1	1	22.55	0.146	2.000	Pass
			1	160	22.83	0.156	2.000	Pass
			81	40	22.71	0.152	2.000	Pass
	HCH	16QAM	1	1	21.76	0.122	2.000	Pass
			1	160	21.84	0.124	2.000	Pass
			81	40	21.81	0.123	2.000	Pass
		QPSK	1	1	22.79	0.155	2.000	Pass
			1	160	22.89	0.158	2.000	Pass
			81	40	22.81	0.155	2.000	Pass
100	LCH	16QAM	1	1	21.83	0.124	2.000	Pass
			1	271	21.93	0.127	2.000	Pass
			135	67	21.76	0.122	2.000	Pass
		QPSK	1	1	22.87	0.157	2.000	Pass

			1	271	22.76	0.153	2.000	Pass
			135	67	22.83	0.156	2.000	Pass
	MCH	16QAM	1	1	21.66	0.119	2.000	Pass
			1	271	21.86	0.125	2.000	Pass
			135	67	21.71	0.121	2.000	Pass
		QPSK	1	1	22.76	0.153	2.000	Pass
			1	271	22.95	0.160	2.000	Pass
			135	67	22.83	0.156	2.000	Pass
	HCH	16QAM	1	1	21.86	0.125	2.000	Pass
			1	271	21.84	0.124	2.000	Pass
			135	67	21.88	0.125	2.000	Pass
		QPSK	1	1	22.76	0.153	2.000	Pass
			1	271	22.81	0.155	2.000	Pass
			135	67	22.89	0.158	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_n66A												
20MHz(LTE) + 5MHz(NR)	LCH	QPSK	1	1	1	0	23.49	-0.56	23.51	0.089	1.000	Pass
			1	23	1	99	23.6	-0.57	23.62	0.092	1.000	Pass
			12	6	100	0	23.57	-0.43	23.59	0.091	1.000	Pass
		16QAM	1	1	1	0	22.78	-0.22	22.80	0.076	1.000	Pass
			1	23	1	99	22.91	-0.19	22.93	0.078	1.000	Pass
			12	6	100	0	22.54	-0.41	22.56	0.072	1.000	Pass
	MCH	QPSK	1	1	1	0	23.62	-0.45	23.64	0.092	1.000	Pass
			1	23	1	99	23.76	-0.54	23.78	0.095	1.000	Pass
			12	6	100	0	23.88	-0.3	23.90	0.098	1.000	Pass
		16QAM	1	1	1	0	23.09	-0.2	23.11	0.081	1.000	Pass
			1	23	1	99	23.1	-0.34	23.12	0.082	1.000	Pass
			12	6	100	0	23.06	-0.31	23.08	0.081	1.000	Pass
	HCH	QPSK	1	1	1	0	23.51	-0.57	23.53	0.090	1.000	Pass
			1	23	1	99	23.49	-0.31	23.51	0.089	1.000	Pass
			12	6	100	0	23.66	-0.29	23.68	0.093	1.000	Pass
		16QAM	1	1	1	0	22.96	-0.31	22.98	0.079	1.000	Pass
			1	23	1	99	22.88	-0.28	22.90	0.078	1.000	Pass
			12	6	100	0	22.84	-0.41	22.86	0.077	1.000	Pass
20MHz(LTE) + 15MHz(NR)	LCH	QPSK	1	1	1	0	23.66	-0.59	23.68	0.093	1.000	Pass
			1	77	1	99	23.61	-0.63	23.63	0.092	1.000	Pass
			36	18	100	0	23.81	-0.47	23.83	0.096	1.000	Pass
		16QAM	1	1	1	0	23.02	-0.56	23.04	0.080	1.000	Pass
			1	77	1	99	23.13	-0.15	23.15	0.082	1.000	Pass
			36	18	100	0	22.9	-0.45	22.92	0.078	1.000	Pass
	MCH	QPSK	1	1	1	0	23.93	-0.51	23.95	0.099	1.000	Pass
			1	77	1	99	23.8	-0.61	23.82	0.096	1.000	Pass
			36	18	100	0	23.86	-0.31	23.88	0.097	1.000	Pass
		16QAM	1	1	1	0	23.28	-0.32	23.30	0.085	1.000	Pass
			1	77	1	99	23.15	-0.16	23.17	0.083	1.000	Pass
			36	18	100	0	22.97	-0.32	22.99	0.079	1.000	Pass
	HCH	QPSK	1	1	1	0	23.72	-0.44	23.74	0.094	1.000	Pass
			1	77	1	99	23.50	-0.39	23.52	0.089	1.000	Pass
			36	18	100	0	23.77	-0.37	23.79	0.095	1.000	Pass
		16QAM	1	1	1	0	23.11	-0.49	23.13	0.082	1.000	Pass
			1	77	1	99	22.89	-0.3	22.91	0.078	1.000	Pass
			36	18	100	0	22.87	-0.37	22.89	0.077	1.000	Pass
20MHz(LTE) +	LCH	QPSK	1	1	1	0	23.6	-0.48	23.62	0.092	1.000	Pass
			1	104	1	99	23.72	-0.57	23.74	0.094	1.000	Pass

20MHz(NR)			50	25	100	0	23.82	-0.48	23.84	0.096	1.000	Pass
		16QAM	1	1	1	0	22.75	-0.42	22.77	0.075	1.000	Pass
			1	104	1	99	23.08	-0.34	23.10	0.081	1.000	Pass
			50	25	100	0	22.86	-0.46	22.88	0.077	1.000	Pass
	MCH	QPSK	1	1	1	0	23.83	-0.53	23.85	0.097	1.000	Pass
			1	104	1	99	23.73	-0.68	23.75	0.094	1.000	Pass
			50	25	100	0	23.89	-0.34	23.91	0.098	1.000	Pass
		16QAM	1	1	1	0	23.16	-0.15	23.18	0.083	1.000	Pass
			1	104	1	99	23.06	-0.14	23.08	0.081	1.000	Pass
			50	25	100	0	23	-0.33	23.02	0.080	1.000	Pass
	HCH	QPSK	1	1	1	0	23.7	-0.50	23.72	0.094	1.000	Pass
			1	104	1	99	23.5	-0.4	23.52	0.089	1.000	Pass
			50	25	100	0	23.77	-0.32	23.79	0.095	1.000	Pass
		16QAM	1	1	1	0	23.12	-0.21	23.14	0.082	1.000	Pass
			1	104	1	99	22.82	-0.11	22.84	0.077	1.000	Pass
			50	25	100	0	22.88	-0.24	22.90	0.078	1.000	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_5A_n7A												
10MHz(LTE) + 5MHz(NR)	LCH	QPSK	1	1	1	0	22.7	-0.25	22.72	0.142	2.000	Pass
			1	23	1	49	22.83	-0.44	22.85	0.146	2.000	Pass
			12	6	50	0	22.82	-0.16	22.84	0.146	2.000	Pass
		16QAM	1	1	1	0	22.58	-0.12	22.6	0.138	2.000	Pass
			1	23	1	49	22.78	-0.39	22.8	0.145	2.000	Pass
			12	6	50	0	22.55	-0.21	22.57	0.137	2.000	Pass
	MCH	QPSK	1	1	1	0	22.94	-0.36	22.96	0.150	2.000	Pass
			1	23	1	49	22.98	-0.26	23	0.151	2.000	Pass
			12	6	50	0	23.13	-0.15	23.15	0.157	2.000	Pass
		16QAM	1	1	1	0	22.33	-0.16	22.35	0.130	2.000	Pass
			1	23	1	49	22.37	-0.34	22.39	0.132	2.000	Pass
			12	6	50	0	22.29	-0.17	22.31	0.129	2.000	Pass
	HCH	QPSK	1	1	1	0	22.66	-0.39	22.68	0.141	2.000	Pass
			1	23	1	49	22.65	-0.36	22.67	0.140	2.000	Pass
			12	6	50	0	22.86	-0.25	22.88	0.147	2.000	Pass
		16QAM	1	1	1	0	22.05	-0.32	22.08	0.122	2.000	Pass
			1	23	1	49	22.06	-0.15	22.09	0.123	2.000	Pass
			12	6	50	0	21.97	-0.15	22	0.120	2.000	Pass
10MHz(LTE) + 15MHz(NR)	LCH	QPSK	1	1	1	0	22.89	-0.31	22.91	0.148	2.000	Pass
			1	77	1	49	23.06	-0.41	23.08	0.154	2.000	Pass
			36	18	50	0	23.07	-0.18	23.09	0.155	2.000	Pass
		16QAM	1	1	1	0	22.88	-0.18	22.9	0.148	2.000	Pass
			1	77	1	49	23.43	-0.41	23.45	0.168	2.000	Pass
			36	18	50	0	21.22	-0.29	21.25	0.101	2.000	Pass
	MCH	QPSK	1	1	1	0	23.15	-0.36	23.17	0.157	2.000	Pass
			1	77	1	49	23.03	-0.32	23.05	0.153	2.000	Pass
			36	18	50	0	23.19	-0.2	23.21	0.159	2.000	Pass
		16QAM	1	1	1	0	22.56	-0.28	22.58	0.137	2.000	Pass
			1	77	1	49	22.35	-0.29	22.37	0.131	2.000	Pass
			36	18	50	0	22.24	-0.21	22.26	0.128	2.000	Pass
	HCH	QPSK	1	1	1	0	22.97	-0.42	22.99	0.151	2.000	Pass
			1	77	1	49	22.74	-0.43	22.76	0.143	2.000	Pass
			36	18	50	0	22.93	-0.33	22.95	0.150	2.000	Pass
		16QAM	1	1	1	0	22.3	-0.18	22.32	0.129	2.000	Pass
			1	77	1	49	22.13	-0.19	22.16	0.125	2.000	Pass
			36	18	50	0	22.05	-0.3	22.08	0.122	2.000	Pass
10MHz(LTE) +	LCH	QPSK	1	1	1	0	22.87	-0.3	22.89	0.148	2.000	Pass
			1	104	1	49	23.07	-0.39	23.09	0.155	2.000	Pass

20MHz(NR)			50	25	50	0	23.11	-0.19	23.13	0.156	2.000	Pass
		16QAM	1	1	1	0	22.21	-0.13	22.23	0.127	2.000	Pass
			1	104	1	49	23.2	-0.24	23.21	0.159	2.000	Pass
			50	25	50	0	22.8	-0.16	22.82	0.145	2.000	Pass
	MCH	QPSK	1	1	1	0	23.07	-0.36	23.09	0.155	2.000	Pass
			1	104	1	49	23.04	-0.47	23.06	0.153	2.000	Pass
			50	25	50	0	23.22	-0.18	23.24	0.160	2.000	Pass
		16QAM	1	1	1	0	22.49	-0.36	22.51	0.135	2.000	Pass
			1	104	1	49	22.4	-0.19	22.42	0.132	2.000	Pass
			50	25	50	0	22.5	-0.18	22.52	0.136	2.000	Pass
	HCH	QPSK	1	1	1	0	22.97	-0.38	22.99	0.151	2.000	Pass
			1	104	1	49	22.83	-0.55	22.85	0.146	2.000	Pass
			50	25	50	0	22.97	-0.2	22.99	0.151	2.000	Pass
		16QAM	1	1	1	0	22.33	-0.18	22.35	0.130	2.000	Pass
			1	104	1	49	22.18	-0.38	22.2	0.126	2.000	Pass
			50	25	50	0	22.04	-0.33	22.07	0.122	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_5A_n66A												
10MHz(LTE) + 5MHz(NR)	LCH	QPSK	1	1	1	0	23.42	-0.39	23.44	0.088	1.000	Pass
			1	23	1	49	23.54	-0.41	23.56	0.090	1.000	Pass
			12	6	50	0	23.56	-0.21	23.58	0.091	1.000	Pass
		16QAM	1	1	1	0	22.81	-0.3	22.83	0.076	1.000	Pass
			1	23	1	49	22.83	-0.14	22.85	0.077	1.000	Pass
			12	6	50	0	22.71	-0.24	22.73	0.075	1.000	Pass
	MCH	QPSK	1	1	1	0	23.72	-0.35	23.74	0.094	1.000	Pass
			1	23	1	49	23.69	-0.58	23.71	0.093	1.000	Pass
			12	6	50	0	23.79	-0.25	23.81	0.096	1.000	Pass
		16QAM	1	1	1	0	23.04	-0.34	23.06	0.081	1.000	Pass
			1	23	1	49	23.03	-0.45	23.05	0.080	1.000	Pass
			12	6	50	0	22.99	-0.25	23.01	0.080	1.000	Pass
	HCH	QPSK	1	1	1	0	23.39	-0.37	23.41	0.087	1.000	Pass
			1	23	1	49	23.47	-0.43	23.49	0.089	1.000	Pass
			12	6	50	0	23.54	-0.35	23.56	0.090	1.000	Pass
		16QAM	1	1	1	0	22.93	-0.29	22.95	0.079	1.000	Pass
			1	23	1	49	22.81	-0.3	22.83	0.076	1.000	Pass
			12	6	50	0	22.72	-0.25	22.74	0.075	1.000	Pass
10MHz(LTE) + 15MHz(NR)	LCH	QPSK	1	1	1	0	23.63	-0.55	23.65	0.092	1.000	Pass
			1	77	1	49	23.60	-0.7	23.62	0.092	1.000	Pass
			36	18	50	0	23.75	-0.33	23.77	0.095	1.000	Pass
		16QAM	1	1	1	0	23.02	-0.29	23.04	0.080	1.000	Pass
			1	77	1	49	22.81	-0.18	22.83	0.076	1.000	Pass
			36	18	50	0	22.89	-0.27	22.91	0.078	1.000	Pass
	MCH	QPSK	1	1	1	0	23.87	-0.32	23.89	0.097	1.000	Pass
			1	77	1	49	23.76	-0.4	23.78	0.095	1.000	Pass
			36	18	50	0	23.84	-0.33	23.86	0.097	1.000	Pass
		16QAM	1	1	1	0	23.17	-0.16	23.19	0.083	1.000	Pass
			1	77	1	49	23.1	-0.42	23.12	0.082	1.000	Pass
			36	18	50	0	22.96	-0.23	22.98	0.079	1.000	Pass
	HCH	QPSK	1	1	1	0	23.75	-0.52	23.77	0.095	1.000	Pass
			1	77	1	49	23.46	-0.67	23.48	0.089	1.000	Pass
			36	18	50	0	23.69	-0.37	23.71	0.093	1.000	Pass
		16QAM	1	1	1	0	23.03	-0.31	23.05	0.080	1.000	Pass
			1	77	1	49	22.78	-0.19	22.80	0.076	1.000	Pass
			36	18	50	0	22.73	-0.42	22.75	0.075	1.000	Pass
10MHz(LTE) +	LCH	QPSK	1	1	1	0	23.65	-0.52	23.67	0.093	1.000	Pass
			1	104	1	49	23.73	-0.61	23.75	0.094	1.000	Pass

20MHz(NR)			50	25	50	0	23.74	-0.3	23.76	0.095	1.000	Pass
		16QAM	1	1	1	0	22.76	-0.27	22.78	0.076	1.000	Pass
			1	104	1	49	22.95	-0.1	22.97	0.079	1.000	Pass
			50	25	50	0	22.77	-0.35	22.79	0.076	1.000	Pass
	MCH	QPSK	1	1	1	0	23.77	-0.49	23.79	0.095	1.000	Pass
			1	104	1	49	23.66	-0.37	23.68	0.093	1.000	Pass
			50	25	50	0	23.96	-0.28	23.98	0.099	1.000	Pass
		16QAM	1	1	1	0	22.92	-0.22	22.94	0.078	1.000	Pass
			1	104	1	49	23.05	-0.25	23.07	0.081	1.000	Pass
			50	25	50	0	22.98	-0.31	23.00	0.079	1.000	Pass
	HCH	QPSK	1	1	1	0	23.61	-0.42	23.63	0.092	1.000	Pass
			1	104	1	49	23.48	-0.66	23.50	0.089	1.000	Pass
			50	25	50	0	23.73	-0.3	23.75	0.094	1.000	Pass
		16QAM	1	1	1	0	22.95	-0.25	22.97	0.079	1.000	Pass
			1	104	1	49	22.79	-0.14	22.81	0.076	1.000	Pass
			50	25	50	0	22.8	-0.43	22.82	0.076	1.000	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_7A_n5A												
20MHz(LTE) + 5MHz(NR)	LCH	QPSK	1	1	1	0	23.63	-0.11	23.65	0.122	7.000	Pass
			1	23	1	99	23.59	-0.29	23.61	0.120	7.000	Pass
			12	6	100	0	23.62	-0.03	23.64	0.121	7.000	Pass
		16QAM	1	1	1	0	23.02	0.16	23.04	0.106	7.000	Pass
			1	23	1	99	22.82	-0.05	22.84	0.101	7.000	Pass
			12	6	100	0	22.72	-0.1	22.74	0.099	7.000	Pass
	MCH	QPSK	1	1	1	0	23.62	-0.32	23.64	0.121	7.000	Pass
			1	23	1	99	23.34	-0.03	23.36	0.114	7.000	Pass
			12	6	100	0	23.46	-0.02	23.48	0.117	7.000	Pass
		16QAM	1	1	1	0	22.77	-0.37	22.79	0.100	7.000	Pass
			1	23	1	99	22.68	-0.2	22.70	0.098	7.000	Pass
			12	6	100	0	22.52	-0.21	22.54	0.094	7.000	Pass
	HCH	QPSK	1	1	1	0	23.29	-0.12	23.31	0.112	7.000	Pass
			1	23	1	99	23.24	-0.11	23.26	0.111	7.000	Pass
			12	6	100	0	23.41	-0.06	23.43	0.116	7.000	Pass
		16QAM	1	1	1	0	22.74	-0.25	22.76	0.099	7.000	Pass
			1	23	1	99	22.56	0.08	22.58	0.095	7.000	Pass
			12	6	100	0	22.61	-0.05	22.63	0.096	7.000	Pass
20MHz(LTE) + 15MHz(NR)	LCH	QPSK	1	1	1	0	23.45	-0.07	23.47	0.117	7.000	Pass
			1	77	1	99	23.43	-0.18	23.45	0.116	7.000	Pass
			36	18	100	0	23.75	-0.03	23.77	0.125	7.000	Pass
		16QAM	1	1	1	0	22.98	-0.17	23.00	0.105	7.000	Pass
			1	77	1	99	22.86	-0.17	22.88	0.102	7.000	Pass
			36	18	100	0	22.73	0.01	22.75	0.099	7.000	Pass
	MCH	QPSK	1	1	1	0	23.57	-0.32	23.59	0.120	7.000	Pass
			1	77	1	99	23.37	-0.06	23.39	0.115	7.000	Pass
			36	18	100	0	23.64	-0.13	23.66	0.122	7.000	Pass
		16QAM	1	1	1	0	22.98	-0.36	23.00	0.105	7.000	Pass
			1	77	1	99	22.79	-0.21	22.81	0.100	7.000	Pass
			36	18	100	0	22.7	-0.12	22.72	0.098	7.000	Pass
	HCH	QPSK	1	1	1	0	23.42	-0.08	23.44	0.116	7.000	Pass
			1	77	1	99	23.33	-0.04	23.35	0.113	7.000	Pass
			36	18	100	0	23.5	-0.02	23.52	0.118	7.000	Pass
		16QAM	1	1	1	0	22.83	-0.23	22.85	0.101	7.000	Pass
			1	77	1	99	22.67	0.11	22.69	0.098	7.000	Pass
			36	18	100	0	22.53	-0.01	22.55	0.094	7.000	Pass
20MHz(LTE) +	LCH	QPSK	1	1	1	0	23.47	-0.13	23.49	0.117	7.000	Pass
			1	104	1	99	23.36	-0.31	23.38	0.114	7.000	Pass

20MHz(NR)			50	25	100	0	23.58	-0.03	23.60	0.120	7.000	Pass
		16QAM	1	1	1	0	22.94	-0.17	22.96	0.104	7.000	Pass
			1	104	1	99	22.67	-0.05	22.69	0.098	7.000	Pass
			50	25	100	0	22.63	-0.08	22.65	0.097	7.000	Pass
	MCH	QPSK	1	1	1	0	23.53	-0.32	23.55	0.119	7.000	Pass
			1	104	1	99	23.27	-0.11	23.29	0.112	7.000	Pass
			50	25	100	0	23.56	-0.19	23.58	0.120	7.000	Pass
		16QAM	1	1	1	0	22.9	-0.46	22.92	0.103	7.000	Pass
			1	104	1	99	22.7	-0.12	22.72	0.098	7.000	Pass
			50	25	100	0	22.63	-0.1	22.65	0.097	7.000	Pass
	HCH	QPSK	1	1	1	0	23.4	-0.11	23.42	0.115	7.000	Pass
			1	104	1	99	23.23	-0.08	23.25	0.111	7.000	Pass
			50	25	100	0	23.56	-0.01	23.58	0.120	7.000	Pass
		16QAM	1	1	1	0	22.95	-0.13	22.97	0.104	7.000	Pass
			1	104	1	99	22.54	-0.11	22.56	0.095	7.000	Pass
			50	25	100	0	22.64	0.12	22.66	0.097	7.000	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_7A_n66A												
20MHz(LTE) + 5MHz(NR)	LCH	QPSK	1	1	1	0	23.47	-0.41	23.49	0.089	1.000	Pass
			1	23	1	99	23.49	-0.45	23.51	0.089	1.000	Pass
			12	6	100	0	23.55	-0.23	23.57	0.091	1.000	Pass
		16QAM	1	1	1	0	22.87	-0.2	22.89	0.077	1.000	Pass
			1	23	1	99	22.97	-0.18	22.99	0.079	1.000	Pass
			12	6	100	0	22.75	-0.28	22.77	0.075	1.000	Pass
	MCH	QPSK	1	1	1	0	23.74	-0.52	23.76	0.095	1.000	Pass
			1	23	1	99	23.81	-0.49	23.83	0.096	1.000	Pass
			12	6	100	0	23.9	-0.5	23.92	0.098	1.000	Pass
		16QAM	1	1	1	0	23.15	-0.3	23.17	0.083	1.000	Pass
			1	23	1	99	23.13	-0.18	23.15	0.082	1.000	Pass
			12	6	100	0	23	-0.46	23.02	0.080	1.000	Pass
	HCH	QPSK	1	1	1	0	23.48	-0.6	23.50	0.089	1.000	Pass
			1	23	1	99	23.51	-0.43	23.53	0.090	1.000	Pass
			12	6	100	0	23.55	-0.43	23.57	0.091	1.000	Pass
		16QAM	1	1	1	0	22.87	-0.26	22.89	0.077	1.000	Pass
			1	23	1	99	22.88	-0.39	22.90	0.078	1.000	Pass
			12	6	100	0	22.75	-0.35	22.77	0.075	1.000	Pass
20MHz(LTE) + 15MHz(NR)	LCH	QPSK	1	1	1	0	23.65	-0.53	23.67	0.093	1.000	Pass
			1	77	1	99	23.75	-0.38	23.77	0.095	1.000	Pass
			36	18	100	0	23.8	-0.28	23.82	0.096	1.000	Pass
		16QAM	1	1	1	0	22.98	-0.17	23.00	0.079	1.000	Pass
			1	77	1	99	23.1	-0.11	23.12	0.082	1.000	Pass
			36	18	100	0	22.87	-0.32	22.89	0.077	1.000	Pass
	MCH	QPSK	1	1	1	0	23.96	-0.58	23.98	0.099	1.000	Pass
			1	77	1	99	23.82	-0.33	23.84	0.096	1.000	Pass
			36	18	100	0	23.96	-0.46	23.98	0.099	1.000	Pass
		16QAM	1	1	1	0	23.25	-0.41	23.27	0.085	1.000	Pass
			1	77	1	99	23.08	-0.13	23.10	0.081	1.000	Pass
			36	18	100	0	23.11	-0.36	23.13	0.082	1.000	Pass
	HCH	QPSK	1	1	1	0	23.71	-0.59	23.73	0.094	1.000	Pass
			1	77	1	99	23.54	-0.47	23.56	0.090	1.000	Pass
			36	18	100	0	23.76	-0.39	23.78	0.095	1.000	Pass
		16QAM	1	1	1	0	23.28	-0.34	23.30	0.085	1.000	Pass
			1	77	1	99	22.88	-0.19	22.90	0.078	1.000	Pass
			36	18	100	0	22.67	-0.41	22.69	0.074	1.000	Pass
20MHz(LTE) +	LCH	QPSK	1	1	1	0	23.62	-0.46	23.64	0.092	1.000	Pass
			1	104	1	99	23.66	-0.27	23.68	0.093	1.000	Pass

20MHz(NR)			50	25	100	0	23.78	-0.21	23.80	0.095	1.000	Pass
		16QAM	1	1	1	0	22.87	-0.18	22.89	0.077	1.000	Pass
			1	104	1	99	23.1	-0.28	23.12	0.082	1.000	Pass
			50	25	100	0	22.9	-0.25	22.92	0.078	1.000	Pass
	MCH	QPSK	1	1	1	0	23.9	-0.59	23.92	0.098	1.000	Pass
			1	104	1	99	23.74	-0.48	23.76	0.095	1.000	Pass
			50	25	100	0	23.96	-0.42	23.98	0.099	1.000	Pass
		16QAM	1	1	1	0	23.22	-0.42	23.24	0.084	1.000	Pass
			1	104	1	99	23.12	-0.16	23.14	0.082	1.000	Pass
			50	25	100	0	22.99	-0.45	23.01	0.080	1.000	Pass
	HCH	QPSK	1	1	1	0	23.76	-0.63	23.78	0.095	1.000	Pass
			1	104	1	99	23.5	-0.54	23.52	0.089	1.000	Pass
			50	25	100	0	23.8	-0.35	23.82	0.096	1.000	Pass
		16QAM	1	1	1	0	23.11	-0.36	23.13	0.082	1.000	Pass
			1	104	1	99	22.89	-0.16	22.91	0.078	1.000	Pass
			50	25	100	0	22.9	-0.39	22.92	0.078	1.000	Pass

Modulation	PCC RB		SCC RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
	Size	Offset	Size	Offset	LCH	MCH	HCH		LCH	MCH	HCH	
CA_7C												
10MHz+20MHz												
QPSK	1	49	1	0	11.74	11.7	11.69	-0.9	0.012	0.012	0.012	2.000
	1	49	2	0	23.8	23.8	23.78	-0.9	0.195	0.195	0.194	2.000
	50	0	100	0	21.52	21.54	21.49	-0.9	0.115	0.116	0.115	2.000
16-QAM	1	49	1	0	22.64	22.62	22.62	-0.9	0.149	0.149	0.149	2.000
	1	49	2	0	22.88	22.85	22.81	-0.9	0.158	0.157	0.155	2.000
	50	0	100	0	20.06	20.03	20	-0.9	0.082	0.082	0.081	2.000
20MHz+10MHz												
QPSK	1	99	1	0	11.88	11.94	11.86	-0.9	0.013	0.013	0.012	2.000
	1	99	2	0	18.62	18.2	18.57	-0.9	0.059	0.054	0.058	2.000
	2	98	1	0	21.26	21.16	21.71	-0.9	0.109	0.106	0.121	2.000
	100	0	50	0	21.65	21.62	21.57	-0.9	0.119	0.118	0.117	2.000
16-QAM	1	99	1	0	17.44	17.03	17.41	-0.9	0.045	0.041	0.045	2.000
	1	99	2	0	17.65	17.21	17.6	-0.9	0.047	0.043	0.047	2.000
	2	98	1	0	20.02	20.09	20.69	-0.9	0.082	0.083	0.095	0.000
	100	0	50	0	20.15	20.1	20.07	-0.9	0.084	0.083	0.083	2.000
15MHz+15MHz												
QPSK	1	74	1	0	11.85	11.81	11.78	-0.9	0.012	0.012	0.012	2.000
	1	74	2	0	23.87	23.92	23.84	-0.9	0.198	0.200	0.197	2.000
	75	0	75	0	21.42	21.38	21.4	-0.9	0.113	0.112	0.112	2.000
16-QAM	1	74	1	0	22.85	22.81	22.85	-0.9	0.157	0.155	0.157	2.000
	1	74	2	0	23.19	23.16	23.1	-0.9	0.169	0.168	0.166	2.000
	75	0	75	0	19.94	19.89	19.92	-0.9	0.080	0.079	0.080	2.000
15MHz+20MHz												
QPSK	1	74	1	0	23.74	23.73	23.71	-0.9	0.192	0.192	0.191	2.000
	1	74	2	0	23.8	23.79	23.77	-0.9	0.195	0.195	0.194	2.000
	75	0	100	0	22.13	22.14	22.09	-0.9	0.133	0.133	0.132	2.000
16-QAM	1	74	1	0	22.94	22.77	22.74	-0.9	0.160	0.154	0.153	2.000
	1	74	2	0	22.98	22.96	23	-0.9	0.161	0.161	0.162	2.000
	75	0	100	0	21.15	21.12	21.11	-0.9	0.106	0.105	0.105	2.000
20MHz+15MHz												
QPSK	1	99	1	0	24.06	24.07	23.98	-0.9	0.207	0.207	0.203	2.000
	1	99	2	0	24.11	24.13	24.05	-0.9	0.209	0.210	0.207	2.000
	100	0	75	0	22.54	22.85	22.91	-0.9	0.146	0.157	0.159	2.000
16-QAM	1	99	1	0	24.03	23.77	24.27	-0.9	0.206	0.194	0.217	2.000
	1	99	2	0	24.1	22.82	24.16	-0.9	0.209	0.156	0.212	2.000
	100	0	75	0	21.6	21.89	21.93	-0.9	0.117	0.126	0.127	2.000
20MHz+20MHz												
QPSK	1	99	1	0	11.89	11.84	11.83	-0.9	0.013	0.012	0.012	2.000
	1	99	2	0	23.99	24.01	23.97	-0.9	0.204	0.205	0.203	2.000

Modulation	PCC RB		SCC RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
	Size	Offset	Size	Offset	LCH	MCH	HCH		LCH	MCH	HCH	
CA_7C												
	100	0	100	0	21.46	21.43	21.42	-0.9	0.114	0.113	0.113	2.000
16-QAM	1	99	1	0	23.16	23.09	23.07	-0.9	0.168	0.166	0.165	2.000
	1	99	2	0	23.13	23.15	23.11	-0.9	0.167	0.168	0.166	2.000
	100	0	100	0	19.99	19.92	19.97	-0.9	0.081	0.080	0.081	2.000

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-SZ2140420-501 Data Part 1.pdf".

WCDMA Mode Test Data

Test Band	Test Channel	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
Band 2	LCH	2.81	13	1.1	Pass
	MCH	2.86	13	1.2	Pass
	HCH	2.86	13	1.3	Pass
Band 4	LCH	2.86	13	2.1	Pass
	MCH	2.86	13	2.2	Pass
	HCH	2.81	13	2.3	Pass
Band 5	LCH	2.86	13	3.1	Pass
	MCH	2.77	13	3.2	Pass
	HCH	2.81	13	3.3	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	3.28	13	4.1	Pass
				RB100#0	4.78	13	4.2	Pass
			16-QAM	RB1#0	4.41	13	4.3	Pass
				RB100#0	5.62	13	4.4	Pass
		MCH	QPSK	RB1#0	3.33	13	4.5	Pass
				RB100#0	4.78	13	4.6	Pass
			16-QAM	RB1#0	5.39	13	4.7	Pass
				RB100#0	5.67	13	4.8	Pass
		HCH	QPSK	RB1#0	3.33	13	4.9	Pass
				RB100#0	5.2	13	4.10	Pass
			16-QAM	RB1#0	5.25	13	4.11	Pass
				RB100#0	5.95	13	4.12	Pass
LTE Band 4	20 MHz	LCH	QPSK	RB1#0	3.37	13	5.1	Pass
				RB100#0	5.16	13	5.2	Pass
			16-QAM	RB1#0	5.06	13	5.3	Pass
				RB100#0	5.91	13	5.4	Pass
		MCH	QPSK	RB1#0	3.47	13	5.5	Pass
				RB100#0	4.87	13	5.6	Pass
			16-QAM	RB1#0	5.39	13	5.7	Pass
				RB100#0	5.77	13	5.8	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
		HCH	QPSK	RB1#0	3.47	13	5.9	Pass
				RB100#0	4.97	13	5.10	Pass
			16-QAM	RB1#0	4.5	13	5.11	Pass
				RB100#0	5.81	13	5.12	Pass
LTE Band 5	10 MHz	LCH	QPSK	RB1#0	3.33	13	6.1	Pass
				RB50#0	4.73	13	6.2	Pass
			16-QAM	RB1#0	4.92	13	6.3	Pass
				RB50#0	5.53	13	6.4	Pass
		MCH	QPSK	RB1#0	3.37	13	6.5	Pass
				RB50#0	4.92	13	6.6	Pass
			16-QAM	RB1#0	5.11	13	6.7	Pass
				RB50#0	5.72	13	6.8	Pass
		HCH	QPSK	RB1#0	3.33	13	6.9	Pass
				RB50#0	4.97	13	6.10	Pass
			16-QAM	RB1#0	5.02	13	6.11	Pass
				RB50#0	5.77	13	6.12	Pass
LTE Band 7	20 MHz	LCH	QPSK	RB1#0	3.37	13	7.1	Pass
				RB100#0	5.11	13	7.2	Pass
			16-QAM	RB1#0	4.59	13	7.3	Pass
				RB100#0	5.95	13	7.4	Pass
		MCH	QPSK	RB1#0	3.42	13	7.5	Pass
				RB100#0	5.16	13	7.6	Pass
			16-QAM	RB1#0	5.34	13	7.7	Pass
				RB100#0	5.95	13	7.8	Pass
		HCH	QPSK	RB1#0	3.42	13	7.9	Pass
				RB100#0	5.25	13	7.10	Pass
			16-QAM	RB1#0	5.34	13	7.11	Pass
				RB100#0	6.05	13	7.12	Pass
LTE Band 12	10 MHz	LCH	QPSK	RB1#0	3.33	13	8.1	Pass
				RB50#0	5.16	13	8.2	Pass
			16-QAM	RB1#0	5.11	13	8.3	Pass
				RB50#0	5.86	13	8.4	Pass
		MCH	QPSK	RB1#0	3.37	13	8.5	Pass
				RB50#0	5.11	13	8.6	Pass
			16-QAM	RB1#0	5.25	13	8.7	Pass
				RB50#0	5.86	13	8.8	Pass
		HCH	QPSK	RB1#0	3.33	13	8.9	Pass
				RB50#0	5.11	13	8.10	Pass
			16-QAM	RB1#0	5.25	13	8.11	Pass
				RB50#0	5.81	13	8.12	Pass
LTE	10 MHz	LCH	QPSK	RB1#0	3.37	13	9.1	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
Band 17				RB50#0	5.11	13	9.2	Pass
			16-QAM	RB1#0	5.16	13	9.3	Pass
				RB50#0	5.86	13	9.4	Pass
		MCH	QPSK	RB1#0	3.33	13	9.5	Pass
				RB50#0	5.11	13	9.6	Pass
			16-QAM	RB1#0	5.34	13	9.7	Pass
				RB50#0	5.86	13	9.8	Pass
		HCH	QPSK	RB1#0	3.28	13	9.9	Pass
				RB50#0	5.06	13	9.10	Pass
			16-QAM	RB1#0	5.16	13	9.11	Pass
				RB50#0	5.81	13	9.12	Pass
LTE Band 26 (Part22)	15 MHz	LCH	QPSK	RB1#0	5.62	13	10.1	Pass
				RB75#0	3.42	13	10.2	Pass
			16-QAM	RB1#0	4.97	13	10.3	Pass
				RB75#0	6.19	13	10.4	Pass
		MCH	QPSK	RB1#0	3.37	13	10.5	Pass
				RB75#0	5.58	13	10.6	Pass
			16-QAM	RB1#0	5.3	13	10.7	Pass
				RB75#0	6.19	13	10.8	Pass
		HCH	QPSK	RB1#0	3.37	13	10.9	Pass
				RB75#0	4.97	13	10.10	Pass
			16-QAM	RB1#0	5.16	13	10.11	Pass
				RB75#0	6.09	13	10.12	Pass
LTE Band 26 (Part90)	10 MHz	MCH	QPSK	RB1#0	3.42	13	11.1	Pass
				RB50#0	5.34	13	11.2	Pass
			16-QAM	RB1#0	5.34	13	11.3	Pass
				RB50#0	6.05	13	11.4	Pass
LTE Band 38	20 MHz	LCH	QPSK	RB1#0	7.27	13	12.1	Pass
				RB100#0	8.72	13	12.2	Pass
			16-QAM	RB1#0	8.77	13	12.3	Pass
				RB100#0	9.52	13	12.4	Pass
		MCH	QPSK	RB1#0	7.31	13	12.5	Pass
				RB100#0	8.72	13	12.6	Pass
			16-QAM	RB1#0	8.77	13	12.7	Pass
				RB100#0	9.52	13	12.8	Pass
		HCH	QPSK	RB1#0	7.27	13	12.9	Pass
				RB100#0	8.81	13	12.10	Pass
			16-QAM	RB1#0	8.91	13	12.11	Pass
				RB100#0	9.56	13	12.12	Pass
LTE Band 41	20 MHz	LCH	QPSK	RB1#0	7.36	13	13.1	Pass
				RB100#0	8.72	13	13.2	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	8.91	13	13.3	Pass
				RB100#0	9.56	13	13.4	Pass
		MCH	QPSK	RB1#0	7.41	13	13.5	Pass
				RB100#0	8.77	13	13.6	Pass
			16-QAM	RB1#0	8.58	13	13.7	Pass
				RB100#0	9.56	13	13.8	Pass
		HCH	QPSK	RB1#0	7.36	13	13.9	Pass
				RB100#0	8.77	13	13.10	Pass
			16-QAM	RB1#0	9.28	13	13.11	Pass
				RB100#0	9.52	13	13.12	Pass
LTE Band 66	20 MHz	LCH	QPSK	RB1#0	3.37	13	14.1	Pass
				RB100#0	5.11	13	14.2	Pass
			16-QAM	RB1#0	4.64	13	14.3	Pass
				RB100#0	5.91	13	14.4	Pass
		MCH	QPSK	RB1#0	3.56	13	14.5	Pass
				RB100#0	5.16	13	14.6	Pass
			16-QAM	RB1#0	5.53	13	14.7	Pass
				RB100#0	5.95	13	14.8	Pass
		HCH	QPSK	RB1#0	3.42	13	14.9	Pass
				RB100#0	5.11	13	14.10	Pass
			16-QAM	RB1#0	5.3	13	14.11	Pass
				RB100#0	5.91	13	14.12	Pass

Test Channel	Modulation	PCC RB		SCC RB		Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset				
CA_38C									
15MHz+15MHz									
Mid	QPSK	75	0	75	75	10.08	13	15.1	Pass
	16-QAM	75	0	75	75	10.59	13	15.2	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	100	9.98	13	15.3	Pass
	16-QAM	100	0	100	100	10.5	13	15.4	Pass

Test Channel	Modulation	PCC RB		SCC RB		Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset				
CA_41C									
5MHz+20MHz									
Mid	QPSK	25	0	100	25	9.7	13	16.1	Pass
	16-QAM	25	0	100	25	10.5	13	16.2	Pass
20MHz+5MHz									
Mid	QPSK	100	0	25	100	9.84	13	16.3	Pass
	16-QAM	100	0	25	100	10.27	13	16.4	Pass
10MHz+20MHz									
Mid	QPSK	50	0	100	50	9.75	13	16.5	Pass
	16-QAM	50	0	100	50	10.45	13	16.6	Pass
20MHz+10MHz									
Mid	QPSK	100	0	50	100	9.84	13	16.7	Pass
	16-QAM	100	0	50	100	10.41	13	16.8	Pass
15MHz+15MHz									
Mid	QPSK	75	0	75	75	10.03	13	16.9	Pass
	16-QAM	75	0	75	75	10.64	13	16.10	Pass
15MHz+20MHz									
Mid	QPSK	75	0	100	75	9.7	13	16.11	Pass
	16-QAM	75	0	100	75	10.22	13	16.12	Pass
20MHz+15MHz									
Mid	QPSK	100	0	75	100	8.91	13	16.13	Pass
	16-QAM	100	0	75	100	9.14	13	16.14	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	100	9.94	13	16.15	Pass
	16-QAM	100	0	100	100	10.64	13	16.16	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
n5	20 MHz	LCH	16QAM	1	0	5.54	13	17.1	Pass
				100	0	5.43	13	17.2	Pass
			QPSK	1	0	6.3	13	17.3	Pass
				100	0	6.3	13	17.4	Pass
		MCH	16QAM	1	0	5.46	13	17.5	Pass
				100	0	5.47	13	17.6	Pass
			QPSK	1	0	6.01	13	17.7	Pass
				100	0	6.32	13	17.8	Pass
		HCH	16QAM	1	0	5.65	13	17.9	Pass
				100	0	5.37	13	17.10	Pass
			QPSK	1	0	6.09	13	17.11	Pass
				100	0	6.21	13	17.12	Pass
n7	20 MHz	LCH	16QAM	1	0	5.21	13	18.1	Pass
				100	0	5.49	13	18.2	Pass
			QPSK	1	0	5.81	13	18.3	Pass
				100	0	6.14	13	18.4	Pass
		MCH	16QAM	1	0	5.48	13	18.5	Pass
				100	0	5.28	13	18.6	Pass
			QPSK	1	0	5.93	13	18.7	Pass
				100	0	6.21	13	18.8	Pass
		HCH	16QAM	1	0	5.79	13	18.9	Pass
				100	0	5.44	13	18.10	Pass
			QPSK	1	0	6.08	13	18.11	Pass
				100	0	6.34	13	18.12	Pass
n38	20 MHz	LCH	16QAM	1	0	5.719	13	19.1	Pass
				50	0	6.203	13	19.2	Pass
			QPSK	1	0	5.178	13	19.3	Pass
				50	0	5.239	13	19.4	Pass
		MCH	16QAM	1	0	5.644	13	19.5	Pass
				50	0	6.166	13	19.6	Pass
			QPSK	1	0	5.149	13	19.7	Pass
				50	0	5.302	13	19.8	Pass
		HCH	16QAM	1	0	5.744	13	19.9	Pass
				50	0	6.453	13	19.10	Pass
			QPSK	1	0	5.282	13	19.11	Pass
				50	0	5.581	13	19.12	Pass
n41	100 MHz	LCH	16QAM	1	0	5.778	13	20.1	Pass
				270	0	6.159	13	20.2	Pass
			QPSK	1	0	5.312	13	20.3	Pass
				270	0	5.316	13	20.4	Pass
		MCH	16QAM	1	0	5.697	13	20.5	Pass

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
				270	0	6.260	13	20.6	Pass
			QPSK	1	0	5.213	13	20.7	Pass
				270	0	5.550	13	20.8	Pass
		HCH	16QAM	1	0	5.679	13	20.9	Pass
				270	0	6.324	13	20.10	Pass
			QPSK	1	0	5.183	13	20.11	Pass
				270	0	5.522	13	20.12	Pass
DC_2A_ n66A	10MHz(LTE) +20MHz(NR)	LCH	QPSK	1	0	5.365	13	21.1	Pass
				100	0	5.467	13	21.2	Pass
			16-QAM	1	0	6.304	13	21.3	Pass
				100	0	6.209	13	21.4	Pass
		MCH	QPSK	1	0	5.592	13	21.5	Pass
				100	0	5.165	13	21.6	Pass
			16-QAM	1	0	6.619	13	21.7	Pass
				100	0	6.059	13	21.8	Pass
		HCH	QPSK	1	0	5.530	13	21.9	Pass
				100	0	5.212	13	21.10	Pass
			16-QAM	1	0	6.145	13	21.11	Pass
				100	0	5.981	13	21.12	Pass
DC_5A_ n7A	10MHz(LTE) +20MHz(NR)	LCH	QPSK	1	0	5.595	13	22.1	Pass
				100	0	5.436	13	22.2	Pass
			16-QAM	1	0	6.937	13	22.3	Pass
				100	0	6.126	13	22.4	Pass
		MCH	QPSK	1	0	5.688	13	22.5	Pass
				100	0	5.446	13	22.6	Pass
			16-QAM	1	0	6.809	13	22.7	Pass
				100	0	6.275	13	22.8	Pass
		HCH	QPSK	1	0	5.511	13	22.9	Pass
				100	0	5.338	13	22.10	Pass
			16-QAM	1	0	7.045	13	22.11	Pass
				100	0	6.278	13	22.12	Pass
DC_5A_ n66A	10MHz(LTE) +20MHz(NR)	LCH	QPSK	1	0	5.571	13	23.1	Pass
				100	0	6.538	13	23.2	Pass
			16-QAM	1	0	6.392	13	23.3	Pass
				100	0	6.173	13	23.4	Pass
		MCH	QPSK	1	0	5.489	13	23.5	Pass
				100	0	5.117	13	23.6	Pass
			16-QAM	1	0	6.879	13	23.7	Pass
				100	0	6.270	13	23.8	Pass
		HCH	QPSK	1	0	5.654	13	23.9	Pass
				100	0	5.183	13	23.10	Pass
			16-QAM	1	0	6.277	13	23.11	Pass

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
				100	0	6.009	13	23.12	Pass
DC_7A_ n5A	20MHz(LTE) +20MHz(NR)	LCH	QPSK	1	0	5.911	13	24.1	Pass
				100	0	5.666	13	24.2	Pass
			16-QAM	1	0	6.393	13	24.3	Pass
				100	0	6.243	13	24.4	Pass
		MCH	QPSK	1	0	5.634	13	24.5	Pass
				100	0	5.454	13	24.6	Pass
			16-QAM	1	0	6.327	13	24.7	Pass
				100	0	6.290	13	24.8	Pass
		HCH	QPSK	1	0	5.567	13	24.9	Pass
				100	0	5.567	13	24.10	Pass
			16-QAM	1	0	6.328	13	24.11	Pass
				100	0	6.356	13	24.12	Pass
DC_7A_ n66A	20MHz(LTE) +20MHz(NR)	LCH	QPSK	1	0	5.622	13	25.1	Pass
				100	0	5.463	13	25.2	Pass
			16-QAM	1	0	6.354	13	25.3	Pass
				100	0	6.176	13	25.4	Pass
		MCH	QPSK	1	0	5.537	13	25.5	Pass
				100	0	5.417	13	25.6	Pass
			16-QAM	1	0	6.652	13	25.7	Pass
				100	0	6.091	13	25.8	Pass
		HCH	QPSK	1	0	5.408	13	25.9	Pass
				100	0	5.175	13	25.10	Pass
			16-QAM	1	0	6.163	13	25.11	Pass
				100	0	6.004	13	25.12	Pass

Test Channel	Modulation	PCC RB		SCC RB		Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset				
CA_7C									
10MHz+20MHz									
Mid	QPSK	50	0	100	0	6.28	13	26.1	Pass
	16-QAM	50	0	100	0	6.89	13	26.2	Pass
20MHz+10MHz									
Mid	QPSK	100	0	50	0	6.23	13	26.3	Pass
	16-QAM	100	0	50	0	6.8	13	26.4	Pass
15MHz+15MHz									
Mid	QPSK	75	0	75	0	6.56	13	26.5	Pass
	16-QAM	75	0	75	0	6.94	13	26.6	Pass
15MHz+20MHz									
Mid	QPSK	75	0	100	0	6.37	13	26.7	Pass
	16-QAM	75	0	100	0	6.94	13	26.8	Pass
20MHz+15MHz									
Mid	QPSK	100	0	75	0	6.23	13	26.9	Pass
	16-QAM	100	0	75	0	6.89	13	26.10	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	0	6.42	13	26.11	Pass
	16-QAM	100	0	100	0	6.98	13	26.12	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-SZ2140420-501 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	0.245	0.314	1.1
	MCH	0.242	0.313	1.2
	HCH	0.244	0.311	1.3
GSM 1900	LCH	0.24	0.308	2.1
	MCH	0.242	0.309	2.2
	HCH	0.243	0.304	2.3
EGPRS 850	LCH	0.243	0.305	3.1
	MCH	0.245	0.301	3.2
	HCH	0.244	0.301	3.3
EGPRS 1900	LCH	0.243	0.31	4.1
	MCH	0.243	0.306	4.2
	HCH	0.241	0.3	4.3
WCDMA Band 2	LCH	4.131	4.725	5.1
	MCH	4.129	4.726	5.2
	HCH	4.13	4.722	5.3
WCDMA Band 4	LCH	4.138	4.734	6.1
	MCH	4.132	4.722	6.2
	HCH	4.134	4.722	6.3
WCDMA Band 5	LCH	4.128	4.719	7.1
	MCH	4.138	4.74	7.2
	HCH	4.142	4.734	7.3

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	1.085	1.229	8.1
			16-QAM	RB6#0	1.091	1.241	8.2
		MCH	QPSK	RB6#0	1.087	1.232	8.3
			16-QAM	RB6#0	1.085	1.225	8.4
		HCH	QPSK	RB6#0	1.09	1.223	8.5
			16-QAM	RB6#0	1.086	1.233	8.6
	3 MHz	LCH	QPSK	RB15#0	2.699	2.989	8.7
			16-QAM	RB15#0	2.696	2.999	8.8
		MCH	QPSK	RB15#0	2.694	2.983	8.9
			16-QAM	RB15#0	2.697	3.008	8.10
		HCH	QPSK	RB15#0	2.702	3.013	8.11
			16-QAM	RB15#0	2.694	3.007	8.12
	5 MHz	LCH	QPSK	RB25#0	4.51	4.951	8.13
			16-QAM	RB25#0	4.487	4.947	8.14
		MCH	QPSK	RB25#0	4.494	4.965	8.15
			16-QAM	RB25#0	4.506	4.946	8.16
		HCH	QPSK	RB25#0	4.493	4.947	8.17
			16-QAM	RB25#0	4.496	4.964	8.18
	10 MHz	LCH	QPSK	RB50#0	8.963	9.889	8.19
			16-QAM	RB50#0	8.96	9.749	8.20
		MCH	QPSK	RB50#0	8.942	9.841	8.21
			16-QAM	RB50#0	8.944	9.791	8.22
		HCH	QPSK	RB50#0	8.946	9.848	8.23
			16-QAM	RB50#0	8.944	9.832	8.24
	15 MHz	LCH	QPSK	RB75#0	13.448	14.698	8.25
			16-QAM	RB75#0	13.452	14.677	8.26
		MCH	QPSK	RB75#0	13.415	14.691	8.27
			16-QAM	RB75#0	13.44	14.686	8.28
		HCH	QPSK	RB75#0	13.424	14.757	8.29
			16-QAM	RB75#0	13.444	14.694	8.30
	20 MHz	LCH	QPSK	RB100#0	17.891	19.399	8.31
			16-QAM	RB100#0	17.876	19.476	8.32
		MCH	QPSK	RB100#0	17.885	19.48	8.33
			16-QAM	RB100#0	17.906	19.681	8.34
		HCH	QPSK	RB100#0	17.926	19.428	8.35
			16-QAM	RB100#0	17.913	19.397	8.36

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	1.084	1.226	9.1
			16-QAM	RB6#0	1.089	1.233	9.2
		MCH	QPSK	RB6#0	1.086	1.236	9.3
			16-QAM	RB6#0	1.082	1.224	9.4
		HCH	QPSK	RB6#0	1.09	1.221	9.5
			16-QAM	RB6#0	1.084	1.23	9.6
	3 MHz	LCH	QPSK	RB15#0	2.702	2.989	9.7
			16-QAM	RB15#0	2.695	3.028	9.8
		MCH	QPSK	RB15#0	2.708	2.987	9.9
			16-QAM	RB15#0	2.692	3.001	9.10
		HCH	QPSK	RB15#0	2.697	3.007	9.11
			16-QAM	RB15#0	2.697	3	9.12
	5 MHz	LCH	QPSK	RB25#0	4.501	4.982	9.13
			16-QAM	RB25#0	4.496	4.919	9.14
		MCH	QPSK	RB25#0	4.494	4.961	9.15
			16-QAM	RB25#0	4.508	4.974	9.16
		HCH	QPSK	RB25#0	4.49	4.936	9.17
			16-QAM	RB25#0	4.497	4.981	9.18
	10 MHz	LCH	QPSK	RB50#0	8.949	9.872	9.19
			16-QAM	RB50#0	8.962	9.775	9.20
		MCH	QPSK	RB50#0	8.955	9.803	9.21
			16-QAM	RB50#0	8.957	9.796	9.22
		HCH	QPSK	RB50#0	8.958	9.823	9.23
			16-QAM	RB50#0	8.945	9.781	9.24
	15 MHz	LCH	QPSK	RB75#0	13.439	14.775	9.25
			16-QAM	RB75#0	13.407	14.713	9.26
		MCH	QPSK	RB75#0	13.423	14.662	9.27
			16-QAM	RB75#0	13.434	14.706	9.28
		HCH	QPSK	RB75#0	13.431	14.727	9.29
			16-QAM	RB75#0	13.457	14.619	9.30
	20 MHz	LCH	QPSK	RB100#0	17.889	19.366	9.31
			16-QAM	RB100#0	17.89	20.015	9.32
		MCH	QPSK	RB100#0	17.898	19.475	9.33
			16-QAM	RB100#0	17.921	19.537	9.34
		HCH	QPSK	RB100#0	17.905	19.555	9.35
			16-QAM	RB100#0	17.9	19.393	9.36

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	1.085	1.229	10.1
			16-QAM	RB6#0	1.089	1.237	10.2
		MCH	QPSK	RB6#0	1.085	1.233	10.3
			16-QAM	RB6#0	1.082	1.226	10.4
		HCH	QPSK	RB6#0	1.088	1.224	10.5
			16-QAM	RB6#0	1.086	1.234	10.6
	3 MHz	LCH	QPSK	RB15#0	2.697	3.01	10.7
			16-QAM	RB15#0	2.697	3.041	10.8
		MCH	QPSK	RB15#0	2.703	3.011	10.9
			16-QAM	RB15#0	2.698	3.009	10.10
		HCH	QPSK	RB15#0	2.7	3.014	10.11
			16-QAM	RB15#0	2.695	3.027	10.12
	5 MHz	LCH	QPSK	RB25#0	4.507	4.982	10.13
			16-QAM	RB25#0	4.488	4.959	10.14
		MCH	QPSK	RB25#0	4.489	4.986	10.15
			16-QAM	RB25#0	4.504	4.982	10.16
		HCH	QPSK	RB25#0	4.489	4.947	10.17
			16-QAM	RB25#0	4.5	4.968	10.18
	10 MHz	LCH	QPSK	RB50#0	8.964	9.882	10.19
			16-QAM	RB50#0	8.971	9.756	10.20
		MCH	QPSK	RB50#0	8.947	9.822	10.21
			16-QAM	RB50#0	8.965	9.84	10.22
		HCH	QPSK	RB50#0	8.942	9.827	10.23
			16-QAM	RB50#0	8.941	9.824	10.24

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	4.5	4.964	11.1
			16-QAM	RB25#0	4.496	4.933	11.2
		MCH	QPSK	RB25#0	4.495	4.962	11.3
			16-QAM	RB25#0	4.506	4.974	11.4
		HCH	QPSK	RB25#0	4.487	4.944	11.5
			16-QAM	RB25#0	4.495	4.966	11.6
	10 MHz	LCH	QPSK	RB50#0	8.974	9.889	11.7
			16-QAM	RB50#0	8.972	9.801	11.8
		MCH	QPSK	RB50#0	8.936	9.814	11.9
			16-QAM	RB50#0	8.946	9.81	11.10
		HCH	QPSK	RB50#0	8.954	9.831	11.11
			16-QAM	RB50#0	8.946	9.784	11.12
	15 MHz	LCH	QPSK	RB75#0	13.455	15.531	11.13
			16-QAM	RB75#0	13.438	14.664	11.14
		MCH	QPSK	RB75#0	13.407	14.657	11.15
			16-QAM	RB75#0	13.444	14.697	11.16
		HCH	QPSK	RB75#0	13.424	14.704	11.17
			16-QAM	RB75#0	13.461	14.738	11.18
	20 MHz	LCH	QPSK	RB100#0	17.919	19.435	11.19
			16-QAM	RB100#0	17.954	19.455	11.20
		MCH	QPSK	RB100#0	17.896	19.412	11.21
			16-QAM	RB100#0	17.903	19.614	11.22
		HCH	QPSK	RB100#0	17.946	19.639	11.23
			16-QAM	RB100#0	17.901	19.38	11.24

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	1.082	1.234	12.1
			16-QAM	RB6#0	1.087	1.234	12.2
		MCH	QPSK	RB6#0	1.085	1.232	12.3
			16-QAM	RB6#0	1.082	1.226	12.4
		HCH	QPSK	RB6#0	1.088	1.223	12.5
			16-QAM	RB6#0	1.085	1.23	12.6
	3 MHz	LCH	QPSK	RB15#0	2.701	2.991	12.7
			16-QAM	RB15#0	2.7	3.02	12.8
		MCH	QPSK	RB15#0	2.702	2.988	12.9
			16-QAM	RB15#0	2.694	3.005	12.10
		HCH	QPSK	RB15#0	2.705	3.009	12.11
			16-QAM	RB15#0	2.693	3.028	12.12
	5 MHz	LCH	QPSK	RB25#0	4.507	4.951	12.13
			16-QAM	RB25#0	4.493	4.959	12.14
		MCH	QPSK	RB25#0	4.488	4.95	12.15
			16-QAM	RB25#0	4.498	4.996	12.16
		HCH	QPSK	RB25#0	4.492	4.947	12.17
			16-QAM	RB25#0	4.491	4.979	12.18
	10 MHz	LCH	QPSK	RB50#0	8.968	9.873	12.19
			16-QAM	RB50#0	8.964	9.795	12.20
		MCH	QPSK	RB50#0	8.934	9.755	12.21
			16-QAM	RB50#0	8.939	9.811	12.22
		HCH	QPSK	RB50#0	8.93	9.819	12.23
			16-QAM	RB50#0	8.938	9.785	12.24

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	4.499	4.953	13.1
			16-QAM	RB25#0	4.492	4.955	13.2
		MCH	QPSK	RB25#0	4.489	4.948	13.3
			16-QAM	RB25#0	4.506	4.95	13.4
		HCH	QPSK	RB25#0	4.487	4.94	13.5
			16-QAM	RB25#0	4.492	4.995	13.6
	10 MHz	LCH	QPSK	RB50#0	8.945	9.843	13.7
			16-QAM	RB50#0	8.946	9.768	13.8
		MCH	QPSK	RB50#0	8.921	9.742	13.9
			16-QAM	RB50#0	8.931	9.781	13.10
		HCH	QPSK	RB50#0	8.951	9.768	13.11
			16-QAM	RB50#0	8.955	9.798	13.12

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	1.085	1.227	14.1
			16-QAM	RB6#0	1.087	1.244	14.2
		MCH	QPSK	RB6#0	1.083	1.235	14.3
			16-QAM	RB6#0	1.081	1.221	14.4
		HCH	QPSK	RB6#0	1.092	1.225	14.5
			16-QAM	RB6#0	1.088	1.234	14.6
	3 MHz	LCH	QPSK	RB15#0	2.7	2.996	14.7
			16-QAM	RB15#0	2.697	3.021	14.8
		MCH	QPSK	RB15#0	2.7	3.011	14.9
			16-QAM	RB15#0	2.697	3.002	14.10
		HCH	QPSK	RB15#0	2.706	3.01	14.11
			16-QAM	RB15#0	2.696	3.004	14.12
	5 MHz	LCH	QPSK	RB25#0	4.503	4.94	14.13
			16-QAM	RB25#0	4.487	4.946	14.14
		MCH	QPSK	RB25#0	4.496	4.965	14.15
			16-QAM	RB25#0	4.501	4.973	14.16
		HCH	QPSK	RB25#0	4.497	4.937	14.17
			16-QAM	RB25#0	4.502	4.977	14.18
	10 MHz	LCH	QPSK	RB50#0	8.958	9.836	14.19
			16-QAM	RB50#0	8.962	9.779	14.20
		MCH	QPSK	RB50#0	8.944	9.79	14.21
			16-QAM	RB50#0	8.954	9.806	14.22
		HCH	QPSK	RB50#0	8.944	9.822	14.23
			16-QAM	RB50#0	8.94	9.79	14.24
	15 MHz	LCH	QPSK	RB75#0	13.454	14.737	14.25
			16-QAM	RB75#0	13.445	14.669	14.26
		MCH	QPSK	RB75#0	13.432	14.695	14.27
			16-QAM	RB75#0	13.465	14.694	14.28
		HCH	QPSK	RB75#0	13.418	14.7	14.29
			16-QAM	RB75#0	13.419	14.713	14.30

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	1.084	1.225	15.1
			16-QAM	RB6#0	1.087	1.231	15.2
		MCH	QPSK	RB6#0	1.084	1.234	15.3
			16-QAM	RB6#0	1.083	1.225	15.4
		HCH	QPSK	RB6#0	1.091	1.223	15.5
			16-QAM	RB6#0	1.085	1.229	15.6
	3 MHz	LCH	QPSK	RB15#0	2.703	2.986	15.7
			16-QAM	RB15#0	2.702	2.996	15.8
		MCH	QPSK	RB15#0	2.699	3.012	15.9
			16-QAM	RB15#0	2.694	3.009	15.10
		HCH	QPSK	RB15#0	2.696	2.991	15.11
			16-QAM	RB15#0	2.693	2.993	15.12
	5 MHz	LCH	QPSK	RB25#0	4.506	4.969	15.13
			16-QAM	RB25#0	4.501	4.921	15.14
		MCH	QPSK	RB25#0	4.495	4.998	15.15
			16-QAM	RB25#0	4.509	4.979	15.16
		HCH	QPSK	RB25#0	4.488	4.942	15.17
			16-QAM	RB25#0	4.494	4.953	15.18
	10 MHz	MCH	QPSK	RB50#0	8.977	9.879	15.19
			16-QAM	RB50#0	8.985	9.787	15.20
	15 MHz	MCH	QPSK	RB50#0	13.435	14.701	15.21
			16-QAM	RB50#0	13.444	14.737	15.22

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	4.494	4.985	16.1
			16-QAM	RB25#0	4.502	4.973	16.2
		MCH	QPSK	RB25#0	4.503	4.939	16.3
			16-QAM	RB25#0	4.49	4.988	16.4
		HCH	QPSK	RB25#0	4.491	4.962	16.5
			16-QAM	RB25#0	4.497	4.992	16.6
	10 MHz	LCH	QPSK	RB50#0	8.986	9.881	16.7
			16-QAM	RB50#0	8.975	9.788	16.8
		MCH	QPSK	RB50#0	8.977	9.918	16.9
			16-QAM	RB50#0	8.942	9.772	16.10
		HCH	QPSK	RB50#0	8.986	9.82	16.11
			16-QAM	RB50#0	8.967	9.851	16.12
	15 MHz	LCH	QPSK	RB75#0	13.471	14.706	16.13
			16-QAM	RB75#0	13.466	14.719	16.14
		MCH	QPSK	RB75#0	13.445	14.724	16.15
			16-QAM	RB75#0	13.5	14.793	16.16
		HCH	QPSK	RB75#0	13.418	14.722	16.17
			16-QAM	RB75#0	13.479	15.393	16.18
	20 MHz	LCH	QPSK	RB100#0	17.942	19.429	16.19
			16-QAM	RB100#0	17.889	19.546	16.20
		MCH	QPSK	RB100#0	17.894	19.429	16.21
			16-QAM	RB100#0	17.921	19.496	16.22
		HCH	QPSK	RB100#0	17.92	19.522	16.23
			16-QAM	RB100#0	17.893	19.545	16.24

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	4.498	4.992	17.1
			16-QAM	RB25#0	4.502	4.959	17.2
		MCH	QPSK	RB25#0	4.499	4.937	17.3
			16-QAM	RB25#0	4.489	4.987	17.4
		HCH	QPSK	RB25#0	4.491	4.943	17.5
			16-QAM	RB25#0	4.501	5.001	17.6
	10 MHz	LCH	QPSK	RB50#0	8.968	9.86	17.7
			16-QAM	RB50#0	8.969	9.791	17.8
		MCH	QPSK	RB50#0	8.975	9.917	17.9
			16-QAM	RB50#0	8.94	9.765	17.10
		HCH	QPSK	RB50#0	8.998	9.829	17.11
			16-QAM	RB50#0	8.972	9.852	17.12
	15 MHz	LCH	QPSK	RB75#0	13.469	15.684	17.13
			16-QAM	RB75#0	13.454	14.688	17.14
		MCH	QPSK	RB75#0	13.426	16.662	17.15
			16-QAM	RB75#0	13.499	14.796	17.16
		HCH	QPSK	RB75#0	13.424	14.735	17.17
			16-QAM	RB75#0	13.502	14.743	17.18
	20 MHz	LCH	QPSK	RB100#0	17.926	19.383	17.19
			16-QAM	RB100#0	17.886	19.515	17.20
		MCH	QPSK	RB100#0	17.894	20.144	17.21
			16-QAM	RB100#0	17.919	19.503	17.22
		HCH	QPSK	RB100#0	17.933	19.588	17.23
			16-QAM	RB100#0	17.899	19.583	17.24

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	1.084	1.232	18.1
			16-QAM	RB6#0	1.09	1.231	18.2
		MCH	QPSK	RB6#0	1.087	1.233	18.3
			16-QAM	RB6#0	1.082	1.222	18.4
		HCH	QPSK	RB6#0	1.087	1.224	18.5
			16-QAM	RB6#0	1.086	1.23	18.6
	3 MHz	LCH	QPSK	RB15#0	2.696	3.011	18.7
			16-QAM	RB15#0	2.696	3.001	18.8
		MCH	QPSK	RB15#0	2.701	2.998	18.9
			16-QAM	RB15#0	2.695	3.011	18.10
		HCH	QPSK	RB15#0	2.695	3	18.11
			16-QAM	RB15#0	2.693	3.004	18.12
	5 MHz	LCH	QPSK	RB25#0	4.498	4.983	18.13
			16-QAM	RB25#0	4.49	4.934	18.14
		MCH	QPSK	RB25#0	4.487	4.957	18.15
			16-QAM	RB25#0	4.496	4.948	18.16
		HCH	QPSK	RB25#0	4.492	4.946	18.17
			16-QAM	RB25#0	4.504	4.979	18.18
	10 MHz	LCH	QPSK	RB50#0	8.951	9.878	18.19
			16-QAM	RB50#0	8.948	9.796	18.20
		MCH	QPSK	RB50#0	8.938	9.752	18.21
			16-QAM	RB50#0	8.95	9.836	18.22
		HCH	QPSK	RB50#0	8.951	9.823	18.23
			16-QAM	RB50#0	8.941	9.819	18.24
	15 MHz	LCH	QPSK	RB75#0	13.424	14.661	18.25
			16-QAM	RB75#0	13.459	14.953	18.26
		MCH	QPSK	RB75#0	13.405	14.713	18.27
			16-QAM	RB75#0	13.423	14.687	18.28
		HCH	QPSK	RB75#0	13.418	14.695	18.29
			16-QAM	RB75#0	13.436	14.673	18.30
	20 MHz	LCH	QPSK	RB100#0	17.88	19.466	18.31
			16-QAM	RB100#0	17.867	19.414	18.32
		MCH	QPSK	RB100#0	17.909	19.42	18.33
			16-QAM	RB100#0	17.895	19.515	18.34
		HCH	QPSK	RB100#0	17.923	19.407	18.35
			16-QAM	RB100#0	17.895	19.395	18.36

Test Channel	Modulation	PCC RB		SCC RB		Measured 99% Occupied Bandwidth (MHz)	Measured - 26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
		Size	Offset	Size	Offset			
CA_38C								
15MHz+15MHz								
Mid	QPSK	75	0	75	0	28.37	30.26	19.1
	16-QAM	75	0	75	0	28.42	30.32	19.2
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.66	40.13	19.3
	16-QAM	100	0	100	0	37.58	39.9	19.4

Test Channel	Modulation	PCC RB		SCC RB		Measured 99% Occupied Bandwidth (MHz)	Measured - 26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
		Size	Offset	Size	Offset			
CA_41C								
5MHz+20MHz								
Mid	QPSK	25	0	100	0	22.94	24.28	20.1
	16-QAM	25	0	100	0	22.87	24.3	20.2
20MHz+5MHz								
Mid	QPSK	100	0	25	0	22.95	24.36	20.3
	16-QAM	100	0	25	0	22.85	24.41	20.4
10MHz+20MHz								
Mid	QPSK	50	0	100	0	27.8	29.68	20.5
	16-QAM	50	0	100	0	27.74	29.56	20.6
20MHz+10MHz								
Mid	QPSK	100	0	50	0	27.79	29.68	20.7
	16-QAM	100	0	50	0	27.87	29.64	20.8
15MHz+15MHz								
Mid	QPSK	75	0	75	0	28.31	30.3	20.9
	16-QAM	75	0	75	0	28.37	30.34	20.10
15MHz+20MHz								
Mid	QPSK	75	0	100	0	32.64	34.71	20.11
	16-QAM	75	0	100	0	32.63	34.7	20.12
20MHz+15MHz								
Mid	QPSK	100	0	75	0	32.79	34.88	20.13
	16-QAM	100	0	75	0	32.64	34.78	20.14
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.59	40	20.15
	16-QAM	100	0	100	0	37.52	40.03	20.16

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]
n5	5 MHz	LCH	QPSK	25	0	4.477858	4.948043	Pass	21.1
			16QAM	25	0	4.479721	4.920032	Pass	21.2
		MCH	QPSK	25	0	4.486184	4.989748	Pass	21.3
			16QAM	25	0	4.47472	4.966145	Pass	21.4
		HCH	QPSK	25	0	4.480846	4.952948	Pass	21.5
			16QAM	25	0	4.488652	4.977544	Pass	21.6
	15 MHz	LCH	QPSK	75	0	13.44686	14.35095	Pass	21.7
			16QAM	75	0	13.45409	14.42296	Pass	21.8
		MCH	QPSK	75	0	13.4575	14.38581	Pass	21.9
			16QAM	75	0	13.46429	14.40377	Pass	21.10
		HCH	QPSK	75	0	13.43248	14.48133	Pass	21.11
			16QAM	75	0	13.4463	14.48278	Pass	21.12
	20 MHz	LCH	QPSK	100	0	17.88749	18.8905	Pass	21.13
			16QAM	100	0	17.93856	18.89604	Pass	21.14
		MCH	QPSK	100	0	17.89042	18.871	Pass	21.15
			16QAM	100	0	17.92334	18.91931	Pass	21.16
		HCH	QPSK	100	0	17.86122	18.87055	Pass	21.17
			16QAM	100	0	17.91519	18.87487	Pass	21.18
n7	5 MHz	LCH	QPSK	25	0	4.483925	4.977755	Pass	22.1
			16QAM	25	0	4.470885	4.970432	Pass	22.2
		MCH	QPSK	25	0	4.484219	4.980487	Pass	22.3
			16QAM	25	0	4.468357	4.963441	Pass	22.4
		HCH	QPSK	25	0	4.482739	4.982323	Pass	22.5
			16QAM	25	0	4.47103	4.940008	Pass	22.6
	15 MHz	LCH	QPSK	75	0	13.44947	14.40338	Pass	22.7
			16QAM	75	0	13.49247	14.46691	Pass	22.8
		MCH	QPSK	75	0	13.44588	14.40061	Pass	22.9
			16QAM	75	0	13.48031	14.41354	Pass	22.10
		HCH	QPSK	75	0	13.44065	14.41382	Pass	22.11
			16QAM	75	0	13.46586	14.41986	Pass	22.12
	20 MHz	LCH	QPSK	100	0	17.84823	18.91432	Pass	22.13
			16QAM	100	0	17.92033	18.87854	Pass	22.14
		MCH	QPSK	100	0	17.84858	19.0001	Pass	22.15
			16QAM	100	0	17.9232	18.90456	Pass	22.16
		HCH	QPSK	100	0	17.85968	18.92516	Pass	22.17
			16QAM	100	0	17.92867	18.92047	Pass	22.18
n38	20 MHz	LCH	QPSK	24	0	17.86266	19.09428	Pass	23.1
			16QAM	24	0	17.91343	19.04267	Pass	23.2
		MCH	QPSK	24	0	17.84557	19.27299	Pass	23.3

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]
			16QAM	24	0	17.91634	19.28104	Pass	23.4
		HCH	QPSK	24	0	17.8779	19.25617	Pass	23.5
			16QAM	24	0	17.91835	19.10993	Pass	23.6
n41	20 MHz	LCH	QPSK	24	0	17.85671	19.35647	Pass	24.1
			16QAM	24	0	17.91868	19.15517	Pass	24.2
		MCH	QPSK	24	0	17.8833	19.3606	Pass	24.3
			16QAM	24	0	17.92051	19.10029	Pass	24.4
		HCH	QPSK	24	0	17.88216	19.30172	Pass	24.5
			16QAM	24	0	17.93505	19.19771	Pass	24.6
	60 MHz	LCH	QPSK	162	0	57.78211	60.73486	Pass	24.7
			16QAM	162	0	57.61348	60.76564	Pass	24.8
		MCH	QPSK	162	0	57.91299	60.75622	Pass	24.9
			16QAM	162	0	57.78914	60.74822	Pass	24.10
		HCH	QPSK	162	0	57.8748	60.68861	Pass	24.11
			16QAM	162	0	57.72242	60.70111	Pass	24.12
	100 MHz	LCH	QPSK	270	0	95.94912	99.58534	Pass	24.13
			16QAM	270	0	96.0385	99.71474	Pass	24.14
		MCH	QPSK	270	0	96.21372	99.69463	Pass	24.15
			16QAM	270	0	96.29802	99.66158	Pass	24.16
		HCH	QPSK	270	0	95.95642	99.60194	Pass	24.17
			16QAM	270	0	96.09847	99.51926	Pass	24.18
DC_2A_n66A	20 MHz(LTE) + 5 MHz(NR)	LCH	QPSK	25	0	4.468677	4.955902	Pass	25.1
			16QAM	25	0	4.472035	4.931689	Pass	25.2
		MCH	QPSK	25	0	4.48281	4.960893	Pass	25.3
			16QAM	25	0	4.475185	4.939188	Pass	25.4
		HCH	QPSK	25	0	4.476089	4.965978	Pass	25.5
			16QAM	25	0	4.481707	5.008574	Pass	25.6
	20 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	75	0	13.43793	14.54705	Pass	25.7
			16QAM	75	0	13.44053	14.50742	Pass	25.8
		MCH	QPSK	75	0	13.43063	14.36289	Pass	25.9
			16QAM	75	0	13.43385	14.37892	Pass	25.10
		HCH	QPSK	75	0	13.42965	14.4065	Pass	25.11
			16QAM	75	0	13.44183	14.44758	Pass	25.12
	20 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	100	0	17.85009	18.90096	Pass	25.13
			16QAM	100	0	17.87939	19.08062	Pass	25.14
		MCH	QPSK	100	0	17.82682	18.86378	Pass	25.15
			16QAM	100	0	17.86533	18.85706	Pass	25.16
		HCH	QPSK	100	0	17.81886	19.00952	Pass	25.17
			16QAM	100	0	17.86461	19.30309	Pass	25.18
		LCH	QPSK	25	0	4.483741	4.96232	Pass	26.1

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]
DC_5A_n7A	10 MHz(LTE) + 5MHz(NR)		16QAM	25	0	4.476037	4.966759	Pass	26.2
		MCH	QPSK	25	0	4.477821	4.962733	Pass	26.3
			16QAM	25	0	4.481888	4.969699	Pass	26.4
		HCH	QPSK	25	0	4.473552	4.95049	Pass	26.5
			16QAM	25	0	4.475864	4.962806	Pass	26.6
	10 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	75	0	13.44399	14.41137	Pass	26.7
			16QAM	75	0	13.46705	14.73731	Pass	26.8
		MCH	QPSK	75	0	13.44789	14.37668	Pass	26.9
			16QAM	75	0	13.44859	14.55379	Pass	26.10
		HCH	QPSK	75	0	13.45034	14.41633	Pass	26.11
			16QAM	75	0	13.44747	14.62257	Pass	26.12
	10 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	100	0	17.8305	19.01184	Pass	26.13
			16QAM	100	0	17.87875	18.82691	Pass	26.14
		MCH	QPSK	100	0	17.84457	18.90574	Pass	26.15
			16QAM	100	0	17.88645	18.88414	Pass	26.16
		HCH	QPSK	100	0	17.83164	18.921	Pass	26.17
			16QAM	100	0	17.89315	18.90633	Pass	26.18
DC_5A_n66A	10 MHz(LTE) + 5MHz(NR)	LCH	QPSK	25	0	4.476997	4.96002	Pass	27.1
			16QAM	25	0	4.471945	4.927384	Pass	27.2
		MCH	QPSK	25	0	4.472047	4.998786	Pass	27.3
			16QAM	25	0	4.474381	4.944269	Pass	27.4
		HCH	QPSK	25	0	4.474314	4.962025	Pass	27.5
			16QAM	25	0	4.49784	4.96259	Pass	27.6
	10 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	75	0	13.43234	14.3767	Pass	27.7
			16QAM	75	0	13.43533	14.41506	Pass	27.8
		MCH	QPSK	75	0	13.43802	14.36892	Pass	27.9
			16QAM	75	0	13.43221	14.37953	Pass	27.10
		HCH	QPSK	75	0	13.435	14.4368	Pass	27.11
			16QAM	75	0	13.45361	14.44815	Pass	27.12
	10 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	100	0	17.83282	18.86793	Pass	27.13
			16QAM	100	0	17.87821	18.83689	Pass	27.14
		MCH	QPSK	100	0	17.81909	18.81288	Pass	27.15
			16QAM	100	0	17.86112	19.08145	Pass	27.16
		HCH	QPSK	100	0	17.81529	18.85175	Pass	27.17
			16QAM	100	0	17.86979	18.91168	Pass	27.18
DC_7A_n5A	20 MHz(LTE) + 5MHz(NR)	LCH	QPSK	25	0	4.473353	4.918094	Pass	28.1
			16QAM	25	0	4.491448	4.982904	Pass	28.2
		MCH	QPSK	25	0	4.478057	4.961959	Pass	28.3
			16QAM	25	0	4.481881	5.047324	Pass	28.4
		HCH	QPSK	25	0	4.467527	4.928943	Pass	28.5

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]
			16QAM	25	0	4.498515	4.977958	Pass	28.6
	20 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	75	0	13.44699	14.34305	Pass	28.7
			16QAM	75	0	13.44685	14.34392	Pass	28.8
		MCH	QPSK	75	0	13.44882	14.37684	Pass	28.9
			16QAM	75	0	13.46485	14.44066	Pass	28.10
		HCH	QPSK	75	0	13.42263	14.39963	Pass	28.11
			16QAM	75	0	13.43146	14.48906	Pass	28.12
	20 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	100	0	17.85119	18.95902	Pass	28.13
			16QAM	100	0	17.9044	18.90173	Pass	28.14
		MCH	QPSK	100	0	17.83801	19.29359	Pass	28.15
			16QAM	100	0	17.89831	19.16743	Pass	28.16
		HCH	QPSK	100	0	17.8182	18.96654	Pass	28.17
			16QAM	100	0	17.8738	19.19706	Pass	28.18
DC_7A_n66A	20 MHz(LTE) + 5MHz(NR)	LCH	QPSK	25	0	4.468846	4.957574	Pass	29.1
			16QAM	25	0	4.477518	4.954946	Pass	29.2
		MCH	QPSK	25	0	4.475513	4.962917	Pass	29.3
			16QAM	25	0	4.474478	4.935616	Pass	29.4
		HCH	QPSK	25	0	4.475623	4.967678	Pass	29.5
			16QAM	25	0	4.48868	4.948866	Pass	29.6
	20 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	75	0	13.42962	14.36897	Pass	29.7
			16QAM	75	0	13.44338	14.42967	Pass	29.8
		MCH	QPSK	75	0	13.43385	14.37204	Pass	29.9
			16QAM	75	0	13.43906	14.39293	Pass	29.10
		HCH	QPSK	75	0	13.43957	14.41014	Pass	29.11
			16QAM	75	0	13.45408	14.4541	Pass	29.12
	20 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	100	0	17.82925	18.87728	Pass	29.13
			16QAM	100	0	17.87918	19.00114	Pass	29.14
		MCH	QPSK	100	0	17.8282	18.84729	Pass	29.15
			16QAM	100	0	17.86469	18.84467	Pass	29.16
		HCH	QPSK	100	0	17.82054	19.33524	Pass	29.17
			16QAM	100	0	17.87124	18.87314	Pass	29.18

Test Channel	Modulation	PCC RB		SCC RB		Measured 99% Occupied Bandwidth (MHz)	Measured - 26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
		Size	Offset	Size	Offset			
CA_7C								
10MHz+20MHz								
Mid	QPSK	50	0	100	0	27.83	29.74	30.1
	16-QAM	50	0	100	0	27.74	29.53	30.2
20MHz+10MHz								
Mid	QPSK	100	0	50	0	27.85	29.71	30.3
	16-QAM	100	0	50	0	27.79	29.59	30.4
15MHz+15MHz								
Mid	QPSK	75	0	75	0	28.38	30.4	30.5
	16-QAM	75	0	75	0	28.42	30.35	30.6
15MHz+20MHz								
Mid	QPSK	75	0	100	0	32.74	35	30.7
	16-QAM	75	0	100	0	32.61	34.86	30.8
20MHz+15MHz								
Mid	QPSK	100	0	75	0	32.67	34.88	30.9
	16-QAM	100	0	75	0	32.67	34.76	30.10
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.62	40.08	30.11
	16-QAM	100	0	100	0	37.57	40.25	30.12

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)	
7.74	-30	7.04	±2060.5	8.85	±2091.5	12.46	±2122	Pass
	-20	8.72		9.4		14.63		
	-10	11.27		10.33		15.43		
	0	11.56		-3.65		16.56		
	10	10.91		10.46		3.52		
	20	17.56		7.85		12.53		
	25	8.33		10.4		12.85		
	30	9.23		8.39		12.46		
	40	15.59		8.01		10.69		
	50	16.47		7.01		10.91		
8.9	25	6.97		7.2		10.46		
6.8	25	14.21		6.62		9.3		

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)	
7.74	-30	12.11	±4625.5	19.76	±4700.0	-8.62	±4774.5	Pass
	-20	19.82		26.31		10.69		
	-10	22.6		10.91		8.04		
	0	7.72		12.07		14.08		
	10	8.43		10.78		9.69		
	20	8.62		15.01		12.27		
	25	9.75		18.27		12.79		
	30	9.88		15.63		14.33		
	40	10.46		15.63		11.27		
	50	11.27		13.79		12.43		
8.9	25	11.14		13.62		11.17		
6.8	25	11.53		11.17		11.11		

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)	
7.74	-30	10.88	±2060.5	11.95	±2091.5	19.37	±2122	Pass
	-20	15.43		11.17		17.27		
	-10	18.27		19.73		16.34		
	0	19.98		23.08		16.34		
	10	22.7		21.44		20.5		
	20	18.5		21.99		21.73		
	25	19.37		20.24		17.92		
	30	15.56		25.63		16.59		
	40	19.79		17.5		18.21		
	50	21.05		18.27		20.57		
8.9	25	20.18		18.18		17.34		
6.8	25	19.98		18.24		17.43		

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)	
7.74	-30	-25.86	±4625.5	-13.95	±4700.0	5.55	±4774.5	Pass
	-20	18.92		20.11		14.69		
	-10	16.08		7.85		15.56		
	0	15.98		21.31		29.28		
	10	21.15		10.23		11.36		
	20	18.5		7.75		12.11		
	25	17.14		24.73		24.18		
	30	12.88		17.82		19.53		
	40	12.56		19.5		22.96		
	50	10.98		20.05		20.7		
8.9	25	6.46		16.59		15.14		
6.8	25	23.18		13.92		14.3		

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)	
7.74	-30	28.61	±2060.5	28.12	±2091.5	28.73	±2122	Pass
	-20	20.21		23.41		24.09		
	-10	28.35		25.41		26.99		
	0	19.57		26.15		15.98		
	10	28.28		23.89		26.38		
	20	27.96		25.34		25.18		
	25	28.99		23.44		23.12		
	30	26.28		23.47		25.05		
	40	18.89		23.67		25.31		
	50	27.7		24.05		25.41		
8.9	25	27.02		24.5		26.18		
6.8	25	26.05		21.47		22.37		

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)	
7.74	-30	13.53	±4625.5	21.31	±4700.0	35.71	±4774.5	Pass
	-20	27.48		34.42		25.89		
	-10	13.2		31.16		33.32		
	0	18.08		19.44		35.35		
	10	20.53		23.44		24.83		
	20	22.18		27.44		24.18		
	25	27.15		28.35		28.61		
	30	31.51		32.25		30.22		
	40	17.31		16.11		18.08		
	50	23.21		29.25		22.5		
8.9	25	29.9		30.32		32		
6.8	25	16.43		28.22		31.8		

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)	
7.74	-30	11.16	±4631	10.6	±4700	10.01	±4769	Pass
	-20	11.84		11.18		10.63		
	-10	11.98		9.95		10.09		
	0	11.04		10.41		9.03		
	10	12.12		10.39		9.75		
	20	10.51		11.27		10.61		
	25	11.79		9.46		11.33		
	30	11.33		10.33		10.43		
	40	11.71		10.89		10.78		
	50	11.59		10.36		11.07		
8.9	25	10.75		10.89		11.08		
6.8	25	11.34		10.49		10.58		

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)	
7.74	-30	1.9	±4281	4.54	±4331	5.31	±4381.5	Pass
	-20	1.32		4.86		5.82		
	-10	1.27		4.37		5.28		
	0	1.22		4.16		5.91		
	10	1.59		4.6		6.01		
	20	-0.23		4.05		5.71		
	25	0.99		4.98		5.94		
	30	0.48		4.72		5.71		
	40	0.01		5.14		6.05		
	50	1.68		4.73		5.92		
8.9	25	-0.13		4.46		6.82		
6.8	25	0.7		3.67		6.09		

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)	
7.74	-30	-0.17	±2066	-2.03	±2091	-2.07	±2116.5	Pass
	-20	-0.21		-1.95		-2.15		
	-10	-0.69		-1.56		-2.1		
	0	-0.3		-1.56		-2.2		
	10	-0.25		-1.64		-1.75		
	20	-0.24		-1.75		-1.97		
	25	-0.14		-1.69		-2.35		
	30	-0.59		-1.47		-2.38		
	40	-0.26		-2.12		-1.58		
	50	-0.02		-1.04		-1.81		
8.9	25	-0.21		-1.91		-1.74		
6.8	25	-0.71		-1.6		-2.19		

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-3.52	±4700	Pass
	-20	0.03		
	-10	5.99		
	0	1.5		
	10	4.32		
	20	3.75		
	25	5.66		
	30	-9.31		
	40	-6.47		
	50	-3.22		
8.9	25	-4.82		
6.8	25	4.92		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	1.17	±4700	Pass
	-20	0.03		
	-10	-0.37		
	0	3.33		
	10	-4.35		
	20	-1.14		
	25	-5.99		
	30	-0.56		
	40	3.79		
	50	-3.89		
8.9	25	5.42		
6.8	25	0.49		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	4.55	±4331.25	Pass
	-20	-7		
	-10	1.06		
	0	1.62		
	10	4.68		
	20	8.38		
	25	0.2		
	30	6.52		
	40	2.7		
	50	-3.83		
8.9	25	2.4		
6.8	25	0.06		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-7.85	±4331.25	Pass
	-20	2.13		
	-10	-4.38		
	0	-3.29		
	10	0.54		
	20	6.41		
	25	-5.14		
	30	4.48		
	40	-1.32		
	50	-6.02		
8.9	25	-1.47		
6.8	25	-3.08		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-2.22	±2091.25	Pass
	-20	1.34		
	-10	-0.77		
	0	-0.63		
	10	3.02		
	20	-0.74		
	25	0.44		
	30	-4.85		
	40	-3.13		
	50	-2.53		
8.9	25	-3.81		
6.8	25	-1.83		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-0.01	±2091.25	Pass
	-20	-1.85		
	-10	1.16		
	0	-2.83		
	10	-0.03		
	20	-3.72		
	25	-2.52		
	30	-2.43		
	40	-1.32		
	50	-2.29		
8.9	25	-2.66		
6.8	25	0.76		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-2.89	±6337.5	Pass
	-20	0.64		
	-10	1.02		
	0	-0.04		
	10	-3.26		
	20	-7.7		
	25	0.13		
	30	-2.98		
	40	3.25		
	50	-2.95		
8.9	25	-2.73		
6.8	25	-8.34		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	0.01	±6337.5	Pass
	-20	-6.88		
	-10	3.26		
	0	1.97		
	10	6.44		
	20	6.28		
	25	-3.3		
	30	-7.85		
	40	2.68		
	50	-0.79		
8.9	25	-6.77		
6.8	25	6.44		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-0.8	±1768.75	Pass
	-20	-1.03		
	-10	0.62		
	0	-1.07		
	10	0.62		
	20	-1.79		
	25	2.16		
	30	-0.01		
	40	0.93		
	50	-5.01		
8.9	25	0.9		
6.8	25	2.26		

LTE Band 12 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-1.66	±1768.75	Pass
	-20	-1.73		
	-10	-2.06		
	0	-2.02		
	10	-2.05		
	20	-2.1		
	25	-0.37		
	30	0.84		
	40	1.66		
	50	-3.15		
8.9	25	0.44		
6.8	25	-3.71		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-0.66	±1775	Pass
	-20	-4.59		
	-10	-1.75		
	0	-3.4		
	10	-2.03		
	20	-1.46		
	25	1.4		
	30	-5.25		
	40	-1.77		
	50	1.36		
8.9	25	-5.84		
6.8	25	1.07		

LTE Band 17 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-3.66	±1775	Pass
	-20	-3.85		
	-10	1.77		
	0	1.2		
	10	2.79		
	20	3.42		
	25	-3.98		
	30	0.56		
	40	1.6		
	50	-2.88		
8.9	25	0.73		
6.8	25	-4.01		

LTE Band 26 (Part22) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-0.07	±2091.25	Pass
	-20	-0.5		
	-10	0.93		
	0	-2.66		
	10	2.37		
	20	-3.05		
	25	1.02		
	30	-4.19		
	40	1.52		
	50	1.13		
8.9	25	3.52		
6.8	25	0.13		

LTE Band 26 (Part22) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-3.81	±2091.25	Pass
	-20	1.69		
	-10	2.98		
	0	-0.27		
	10	-4.94		
	20	0.13		
	25	2.15		
	30	-0.82		
	40	-3.16		
	50	0.94		
8.9	25	-2.75		
6.8	25	-4.88		

LTE Band 26 (Part90) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-4.72	±2047.5	Pass
	-20	-7.18		
	-10	-6.57		
	0	-4.91		
	10	-2.33		
	20	-2.1		
	25	-3.92		
	30	-0.56		
	40	-4.12		
	50	-1.36		
8.9	25	-1.32		
6.8	25	-4.41		

LTE Band 26 (Part90) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-1.95	±2047.5	Pass
	-20	-5.46		
	-10	-5.35		
	0	-2.59		
	10	-0.47		
	20	-6.31		
	25	-2.33		
	30	-6.42		
	40	-1.57		
	50	-6.09		
8.9	25	-6.25		
6.8	25	-1.13		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-11.43	±6487.5	Pass
	-20	-12.93		
	-10	-9.87		
	0	-18.84		
	10	-22.72		
	20	-23.09		
	25	-11.49		
	30	-11.46		
	40	-14.68		
	50	-21.51		
8.9	25	-12.75		
6.8	25	-22.8		

LTE Band 38 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-22.99	±6487.5	Pass
	-20	-12.04		
	-10	-6.35		
	0	-11.57		
	10	-18.51		
	20	-20.7		
	25	-21.92		
	30	-12.07		
	40	-9.57		
	50	-19.37		
8.9	25	-8.97		
6.8	25	-18.14		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-12.99	±6482.5	Pass
	-20	-6.68		
	-10	-7.84		
	0	-16.05		
	10	-10.69		
	20	-5.16		
	25	-7.57		
	30	-7.97		
	40	-7.38		
	50	-3.73		
8.9	25	-4.94		
6.8	25	-11.92		

LTE Band 41 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-3.92	±6482.5	Pass
	-20	-7.25		
	-10	-11.77		
	0	-10.7		
	10	-6.39		
	20	-10.81		
	25	-3.16		
	30	-3.13		
	40	-11.93		
	50	-8.03		
8.9	25	-1.49		
6.8	25	-9.81		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	1.54	±4362.5	Pass
	-20	-0.07		
	-10	0.06		
	0	-1.63		
	10	4.06		
	20	-2.13		
	25	-0.49		
	30	-3.69		
	40	5.51		
	50	-3.72		
8.9	25	4.66		
6.8	25	4.15		

LTE Band 66 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-1.66	±4362.5	Pass
	-20	-1.99		
	-10	6.11		
	0	0.37		
	10	-4.39		
	20	-1.39		
	25	-1.44		
	30	-6.54		
	40	-8.6		
	50	-8.64		
8.9	25	3.96		
6.8	25	5.15		

CA_38C QPSK 15MHz+15MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	17.98	±6487.5	Pass
	-20	21.2		
	-10	20.73		
	0	24.04		
	10	20.41		
	20	21.27		
	25	20.46		
	30	23.15		
	40	22.14		
	50	19.58		
8.9	25	19.61		
6.8	25	19.57		

CA_38C 16QAM 15MHz+15MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	19.78	±6487.5	Pass
	-20	21.33		
	-10	19.08		
	0	22.27		
	10	23.86		
	20	21.82		
	25	20.41		
	30	16.16		
	40	18.5		
	50	19.41		
8.9	25	16.04		
6.8	25	18.67		

CA_38C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	29.21	±6487.5	Pass
	-20	33.35		
	-10	29.78		
	0	28.05		
	10	28.84		
	20	31.76		
	25	25.55		
	30	32.5		
	40	31.4		
	50	31.33		
8.9	25	33.02		
6.8	25	32.09		

CA_38C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	28.1	±6487.5	Pass
	-20	27.31		
	-10	25.62		
	0	31.19		
	10	26.64		
	20	27.02		
	25	31.76		
	30	28		
	40	32.01		
	50	32.44		
8.9	25	30.88		
6.8	25	22.73		

CA_41C QPSK 20MHz+5MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.6 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	3.59	±6481.5	Pass
	-20	3.09		
	-10	6.22		
	0	10.53		
	10	15.32		
	20	6.38		
	25	5.28		
	30	9.26		
	40	3.82		
	50	6.68		
8.9	25	6.05		
6.8	25	10.29		

CA_41C 16QAM 20MHz+5MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.6 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	3.26	±6481.5	Pass
	-20	9.2		
	-10	5.46		
	0	4.55		
	10	4.61		
	20	2.65		
	25	4.06		
	30	6.69		
	40	1		
	50	6.49		
8.9	25	9.34		
6.8	25	3.16		

CA_41C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	28.95	±6482.5	Pass
	-20	32.79		
	-10	29.61		
	0	30.81		
	10	30.43		
	20	31.77		
	25	29.91		
	30	33.07		
	40	36.22		
	50	31.79		
8.9	25	31.86		
6.8	25	31.53		

CA_41C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	31.17	±6482.5	Pass
	-20	28.08		
	-10	30.3		
	0	31.56		
	10	31.84		
	20	31.1		
	25	24.15		
	30	31.21		
	40	32.09		
	50	32.8		
8.9	25	33.85		
6.8	25	27.91		

NR Band n5 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	1	±2091.25	Pass
	-20	-1.4		
	-10	-1.7		
	0	-0.7		
	10	-2.4		
	20	-1.8		
	25	-3.4		
	30	-2.1		
	40	-3.1		
	50	-3.8		
8.9	25	-4.8		
6.8	25	-4.7		

NR Band n5 16QAM 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-8.8	±2091.25	Pass
	-20	-5.9		
	-10	-0.1		
	0	0.7		
	10	2.4		
	20	3.2		
	25	2.2		
	30	4.3		
	40	-7.4		
	50	6.9		
8.9	25	-2.6		
6.8	25	-9.3		

NR Band n7 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	5.8	±6337.5	Pass
	-20	7.7		
	-10	9.9		
	0	-6.1		
	10	-6.6		
	20	5.4		
	25	6.9		
	30	-2.4		
	40	4.7		
	50	7.5		
8.9	25	-2.1		
6.8	25	-9.4		

NR Band n7 16QAM 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	1.7	±6337.5	Pass
	-20	9.9		
	-10	7.8		
	0	-3.5		
	10	6.2		
	20	-8.6		
	25	-1.7		
	30	5.7		
	40	-3.8		
	50	-1.8		
8.9	25	-6.5		
6.8	25	-4.6		

NR Band n38 16QAM 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-4.5	±6487.5	Pass
	-20	-1.3		
	-10	4.7		
	0	6.6		
	10	-7.1		
	20	4.5		
	25	-9.2		
	30	-4.6		
	40	6.5		
	50	-4.6		
8.9	25	6.5		
6.8	25	2.4		

NR Band n38 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-3.1	±6487.5	Pass
	-20	-5.3		
	-10	-9.3		
	0	4.8		
	10	4.9		
	20	-9.3		
	25	6.5		
	30	8.7		
	40	-4.2		
	50	3.9		
8.9	25	-9.3		
6.8	25	3.2		

NR Band n41 QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.99 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-6.7	±6482.475	Pass
	-20	-1.2		
	-10	1.5		
	0	6.6		
	10	1.3		
	20	-5.1		
	25	4.4		
	30	9.3		
	40	-2.1		
	50	-5.7		
8.9	25	-1.9		
6.8	25	-8.7		

NR Band n41 16QAM 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.99 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	6.6	±6482.475	Pass
	-20	-1.6		
	-10	6.2		
	0	9.4		
	10	-5.5		
	20	-4.3		
	25	6.1		
	30	-3.6		
	40	7.5		
	50	-2.1		
8.9	25	-5.8		
6.8	25	9.1		

NR DC_2A_n66A QPSK 20 MHz(LTE)+20 MHz(NR)

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-2.7	±4362.5	Pass
	-20	7.4		
	-10	5.6		
	0	1.1		
	10	1.6		
	20	-0.5		
	25	-4.9		
	30	-6.2		
	40	-9.3		
	50	7.7		
8.9	25	5.8		
6.8	25	4.6		

NR DC_2A_n66A 16QAM 20 MHz(LTE)+20 MHz(NR))

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-6.2	±4362.5	Pass
	-20	-8.3		
	-10	-9.7		
	0	-6.4		
	10	-4.8		
	20	5.3		
	25	6.1		
	30	3.4		
	40	2.2		
	50	4		
8.9	25	1.7		
6.8	25	3.3		

NR DC_5A_n7A QPSK 10 MHz(LTE)+20 MHz(NR)

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	0.3	±6337.5	Pass
	-20	11		
	-10	8.4		
	0	-0.5		
	10	-13.6		
	20	-10.1		
	25	-11.5		
	30	-7.9		
	40	12.5		
	50	8.7		
8.9	25	-12.2		
6.8	25	2.3		

NR DC_5A_n7A 16QAM 10 MHz(LTE)+20 MHz(NR))

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-3.3	±6337.5	Pass
	-20	-9.5		
	-10	-11.6		
	0	-7.4		
	10	-6.1		
	20	3		
	25	0.8		
	30	-12.4		
	40	14		
	50	-10.6		
8.9	25	-4.1		
6.8	25	-7.4		

NR DC_5A_n66A QPSK 10 MHz(LTE)+20 MHz(NR)

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	4.4	±4362.5	Pass
	-20	-12.1		
	-10	2.3		
	0	-5.6		
	10	5.6		
	20	-8.3		
	25	-14.9		
	30	-8.1		
	40	12.4		
	50	-4.6		
8.9	25	6.2		
6.8	25	-1.9		

NR DC_5A_n66A 16QAM 10 MHz(LTE)+20 MHz(NR))

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-8.5	±4362.5	Pass
	-20	6.9		
	-10	0.7		
	0	-3.1		
	10	-2.1		
	20	-18.5		
	25	6.7		
	30	-7.8		
	40	-15.4		
	50	-19.3		
8.9	25	-9.7		
6.8	25	-0.6		

NR DC_7A_n5A QPSK 20 MHz(LTE)+20 MHz(NR)

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-2	±2091.25	Pass
	-20	-2.4		
	-10	-1.5		
	0	-14.3		
	10	-11.4		
	20	-5.7		
	25	2.4		
	30	-5.1		
	40	-9		
	50	-10.6		
8.9	25	-3.8		
6.8	25	-5.2		

NR DC_7A_n5A 16QAM 20 MHz(LTE)+20 MHz(NR)

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-2.7	±2091.25	Pass
	-20	1.4		
	-10	-3.2		
	0	-0.4		
	10	-8.7		
	20	-9.9		
	25	-4.3		
	30	-8		
	40	-13.8		
	50	-9.6		
8.9	25	-2.8		
6.8	25	-3.4		

NR DC_7A_n66A QPSK 20 MHz(LTE)+20 MHz(NR)

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-3.3	±4362.5	Pass
	-20	-4.1		
	-10	4.6		
	0	-1.6		
	10	-3.5		
	20	-4.4		
	25	-2.1		
	30	5		
	40	4.9		
	50	-8.2		
8.9	25	-1.9		
6.8	25	3.4		

NR DC_7A_n66A 16QAM 20 MHz(LTE)+20 MHz(NR)

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	-8.9	±4362.5	Pass
	-20	4.5		
	-10	-1.7		
	0	-5.5		
	10	-7.9		
	20	6.3		
	25	1.6		
	30	-1.7		
	40	-11		
	50	4.4		
8.9	25	1.8		
6.8	25	-6.2		

CA_7C QPSK 20MHz+10MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2534.8 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	9.56	±6337	Pass
	-20	8.18		
	-10	9.67		
	0	9.56		
	10	8.4		
	20	7.44		
	25	8.3		
	30	6.9		
	40	5.59		
	50	8.89		
8.9	25	9.27		
6.8	25	8.34		

CA_7C 16QAM 20MHz+10MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2534.8 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	8.28	±6337	Pass
	-20	10.69		
	-10	9.74		
	0	7.22		
	10	5.45		
	20	10.04		
	25	8.69		
	30	7.87		
	40	6.89		
	50	10.13		
8.9	25	9.43		
6.8	25	9.74		

CA_7C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	14.26	±6337.5	Pass
	-20	12.51		
	-10	14.76		
	0	13.29		
	10	16.59		
	20	15.56		
	25	18.37		
	30	12.7		
	40	12.2		
	50	16.98		
8.9	25	15.78		
6.8	25	18.21		

CA_7C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
7.74	-30	16.26	±6337.5	Pass
	-20	14.35		
	-10	17.28		
	0	18.12		
	10	18.25		
	20	20.31		
	25	14.91		
	30	14.76		
	40	16.87		
	50	16.59		
8.9	25	18.22		
6.8	25	18.37		

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-SZ2140420-501 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
WCDMA Band 2	LCH	5.1	Pass
	MCH	5.2	Pass
	HCH	5.3	Pass
WCDMA Band 4	LCH	6.1	Pass
	MCH	6.2	Pass
	HCH	6.3	Pass
WCDMA Band 5	LCH	7.1	Pass
	MCH	7.2	Pass
	HCH	7.3	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	8.1	Pass
			16-QAM	RB1#0	8.2	Pass
		MCH	QPSK	RB1#0	8.3	Pass
			16-QAM	RB1#0	8.4	Pass
		HCH	QPSK	RB1#0	8.5	Pass
			16-QAM	RB1#0	8.6	Pass
	3 MHz	LCH	QPSK	RB1#0	8.7	Pass
			16-QAM	RB1#0	8.8	Pass
		MCH	QPSK	RB1#0	8.9	Pass
			16-QAM	RB1#0	8.10	Pass
		HCH	QPSK	RB1#0	8.11	Pass
			16-QAM	RB1#0	8.12	Pass
	5 MHz	LCH	QPSK	RB1#0	8.13	Pass
			16-QAM	RB1#0	8.14	Pass
		MCH	QPSK	RB1#0	8.15	Pass
			16-QAM	RB1#0	8.16	Pass
		HCH	QPSK	RB1#0	8.17	Pass
			16-QAM	RB1#0	8.18	Pass
	10 MHz	LCH	QPSK	RB1#0	8.19	Pass
			16-QAM	RB1#0	8.20	Pass
		MCH	QPSK	RB1#0	8.21	Pass
			16-QAM	RB1#0	8.22	Pass
		HCH	QPSK	RB1#0	8.23	Pass
			16-QAM	RB1#0	8.24	Pass
	15 MHz	LCH	QPSK	RB1#0	8.25	Pass
			16-QAM	RB1#0	8.26	Pass
		MCH	QPSK	RB1#0	8.27	Pass
			16-QAM	RB1#0	8.28	Pass
		HCH	QPSK	RB1#0	8.29	Pass
			16-QAM	RB1#0	8.30	Pass
	20 MHz	LCH	QPSK	RB1#0	8.31	Pass
			16-QAM	RB1#0	8.32	Pass
		MCH	QPSK	RB1#0	8.33	Pass
			16-QAM	RB1#0	8.34	Pass
		HCH	QPSK	RB1#0	8.35	Pass
			16-QAM	RB1#0	8.36	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	9.1	Pass
			16-QAM	RB1#0	9.2	Pass
		MCH	QPSK	RB1#0	9.3	Pass
			16-QAM	RB1#0	9.4	Pass
		HCH	QPSK	RB1#0	9.5	Pass
			16-QAM	RB1#0	9.6	Pass
	3 MHz	LCH	QPSK	RB1#0	9.7	Pass
			16-QAM	RB1#0	9.8	Pass
		MCH	QPSK	RB1#0	9.9	Pass
			16-QAM	RB1#0	9.10	Pass
		HCH	QPSK	RB1#0	9.11	Pass
			16-QAM	RB1#0	9.12	Pass
	5 MHz	LCH	QPSK	RB1#0	9.13	Pass
			16-QAM	RB1#0	9.14	Pass
		MCH	QPSK	RB1#0	9.15	Pass
			16-QAM	RB1#0	9.16	Pass
		HCH	QPSK	RB1#0	9.17	Pass
			16-QAM	RB1#0	9.18	Pass
	10 MHz	LCH	QPSK	RB1#0	9.19	Pass
			16-QAM	RB1#0	9.20	Pass
		MCH	QPSK	RB1#0	9.21	Pass
			16-QAM	RB1#0	9.22	Pass
		HCH	QPSK	RB1#0	9.23	Pass
			16-QAM	RB1#0	9.24	Pass
	15 MHz	LCH	QPSK	RB1#0	9.25	Pass
			16-QAM	RB1#0	9.26	Pass
		MCH	QPSK	RB1#0	9.27	Pass
			16-QAM	RB1#0	9.28	Pass
		HCH	QPSK	RB1#0	9.29	Pass
			16-QAM	RB1#0	9.30	Pass
	20 MHz	LCH	QPSK	RB1#0	9.31	Pass
			16-QAM	RB1#0	9.32	Pass
		MCH	QPSK	RB1#0	9.33	Pass
			16-QAM	RB1#0	9.34	Pass
		HCH	QPSK	RB1#0	9.35	Pass
			16-QAM	RB1#0	9.36	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	10.1	Pass
			16-QAM	RB1#0	10.2	Pass
		MCH	QPSK	RB1#0	10.3	Pass
			16-QAM	RB1#0	10.4	Pass
		HCH	QPSK	RB1#0	10.5	Pass
			16-QAM	RB1#0	10.6	Pass
	3 MHz	LCH	QPSK	RB1#0	10.7	Pass
			16-QAM	RB1#0	10.8	Pass
		MCH	QPSK	RB1#0	10.9	Pass
			16-QAM	RB1#0	10.10	Pass
		HCH	QPSK	RB1#0	10.11	Pass
			16-QAM	RB1#0	10.12	Pass
	5 MHz	LCH	QPSK	RB1#0	10.13	Pass
			16-QAM	RB1#0	10.14	Pass
		MCH	QPSK	RB1#0	10.15	Pass
			16-QAM	RB1#0	10.16	Pass
		HCH	QPSK	RB1#0	10.17	Pass
			16-QAM	RB1#0	10.18	Pass
	10 MHz	LCH	QPSK	RB1#0	10.19	Pass
			16-QAM	RB1#0	10.20	Pass
		MCH	QPSK	RB1#0	10.21	Pass
			16-QAM	RB1#0	10.22	Pass
		HCH	QPSK	RB1#0	10.23	Pass
			16-QAM	RB1#0	10.24	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	11.1	Pass
			16-QAM	RB1#0	11.2	Pass
		MCH	QPSK	RB1#0	11.3	Pass
			16-QAM	RB1#0	11.4	Pass
		HCH	QPSK	RB1#0	11.5	Pass
			16-QAM	RB1#0	11.6	Pass
	10 MHz	LCH	QPSK	RB1#0	11.7	Pass
			16-QAM	RB1#0	11.8	Pass
		MCH	QPSK	RB1#0	11.9	Pass
			16-QAM	RB1#0	11.10	Pass
		HCH	QPSK	RB1#0	11.11	Pass
			16-QAM	RB1#0	11.12	Pass
	15 MHz	LCH	QPSK	RB1#0	11.13	Pass
			16-QAM	RB1#0	11.14	Pass
		MCH	QPSK	RB1#0	11.15	Pass
			16-QAM	RB1#0	11.16	Pass
		HCH	QPSK	RB1#0	11.17	Pass
			16-QAM	RB1#0	11.18	Pass
	20 MHz	LCH	QPSK	RB1#0	11.19	Pass
			16-QAM	RB1#0	11.20	Pass
		MCH	QPSK	RB1#0	11.21	Pass
			16-QAM	RB1#0	11.22	Pass
		HCH	QPSK	RB1#0	11.23	Pass
			16-QAM	RB1#0	11.24	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	12.1	Pass
			16-QAM	RB1#0	12.2	Pass
		MCH	QPSK	RB1#0	12.3	Pass
			16-QAM	RB1#0	12.4	Pass
		HCH	QPSK	RB1#0	12.5	Pass
			16-QAM	RB1#0	12.6	Pass
	3 MHz	LCH	QPSK	RB1#0	12.7	Pass
			16-QAM	RB1#0	12.8	Pass
		MCH	QPSK	RB1#0	12.9	Pass
			16-QAM	RB1#0	12.10	Pass
		HCH	QPSK	RB1#0	12.11	Pass
			16-QAM	RB1#0	12.12	Pass
	5 MHz	LCH	QPSK	RB1#0	12.13	Pass
			16-QAM	RB1#0	12.14	Pass
		MCH	QPSK	RB1#0	12.15	Pass
			16-QAM	RB1#0	12.16	Pass
		HCH	QPSK	RB1#0	12.17	Pass
			16-QAM	RB1#0	12.18	Pass
	10 MHz	LCH	QPSK	RB1#0	12.19	Pass
			16-QAM	RB1#0	12.20	Pass
		MCH	QPSK	RB1#0	12.21	Pass
			16-QAM	RB1#0	12.22	Pass
		HCH	QPSK	RB1#0	12.23	Pass
			16-QAM	RB1#0	12.24	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	13.1	Pass
			16-QAM	RB1#0	13.2	Pass
		MCH	QPSK	RB1#0	13.3	Pass
			16-QAM	RB1#0	13.4	Pass
		HCH	QPSK	RB1#0	13.5	Pass
			16-QAM	RB1#0	13.6	Pass
	10 MHz	LCH	QPSK	RB1#0	13.7	Pass
			16-QAM	RB1#0	13.8	Pass
		MCH	QPSK	RB1#0	13.9	Pass
			16-QAM	RB1#0	13.10	Pass
		HCH	QPSK	RB1#0	13.11	Pass
			16-QAM	RB1#0	13.12	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	14.1	Pass
			16-QAM	RB1#0	14.2	Pass
		MCH	QPSK	RB1#0	14.3	Pass
			16-QAM	RB1#0	14.4	Pass
		HCH	QPSK	RB1#0	14.5	Pass
			16-QAM	RB1#0	14.6	Pass
	3 MHz	LCH	QPSK	RB1#0	14.7	Pass
			16-QAM	RB1#0	14.8	Pass
		MCH	QPSK	RB1#0	14.9	Pass
			16-QAM	RB1#0	14.10	Pass
		HCH	QPSK	RB1#0	14.11	Pass
			16-QAM	RB1#0	14.12	Pass
	5 MHz	LCH	QPSK	RB1#0	14.13	Pass
			16-QAM	RB1#0	14.14	Pass
		MCH	QPSK	RB1#0	14.15	Pass
			16-QAM	RB1#0	14.16	Pass
		HCH	QPSK	RB1#0	14.17	Pass
			16-QAM	RB1#0	14.18	Pass
	10 MHz	LCH	QPSK	RB1#0	14.19	Pass
			16-QAM	RB1#0	14.20	Pass
		MCH	QPSK	RB1#0	14.21	Pass
			16-QAM	RB1#0	14.22	Pass
		HCH	QPSK	RB1#0	14.23	Pass
			16-QAM	RB1#0	14.24	Pass
	15 MHz	LCH	QPSK	RB1#0	14.25	Pass
			16-QAM	RB1#0	14.26	Pass
		MCH	QPSK	RB1#0	14.27	Pass
			16-QAM	RB1#0	14.28	Pass
		HCH	QPSK	RB1#0	14.29	Pass
			16-QAM	RB1#0	14.30	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	15.1	Pass
			16-QAM	RB1#0	15.2	Pass
		MCH	QPSK	RB1#0	15.3	Pass
			16-QAM	RB1#0	15.4	Pass
		HCH	QPSK	RB1#0	15.5	Pass
			16-QAM	RB1#0	15.6	Pass
	3 MHz	LCH	QPSK	RB1#0	15.7	Pass
			16-QAM	RB1#0	15.8	Pass
		MCH	QPSK	RB1#0	15.9	Pass
			16-QAM	RB1#0	15.10	Pass
		HCH	QPSK	RB1#0	15.11	Pass
			16-QAM	RB1#0	15.12	Pass
	5 MHz	LCH	QPSK	RB1#0	15.13	Pass
			16-QAM	RB1#0	15.14	Pass
		MCH	QPSK	RB1#0	15.15	Pass
			16-QAM	RB1#0	15.16	Pass
		HCH	QPSK	RB1#0	15.17	Pass
			16-QAM	RB1#0	15.18	Pass
	10 MHz	MCH	QPSK	RB1#0	15.19	Pass
			16-QAM	RB1#0	15.20	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	16.1	Pass
			16-QAM	RB1#0	16.2	Pass
		MCH	QPSK	RB1#0	16.3	Pass
			16-QAM	RB1#0	16.4	Pass
		HCH	QPSK	RB1#0	16.5	Pass
			16-QAM	RB1#0	16.6	Pass
	10 MHz	LCH	QPSK	RB1#0	16.7	Pass
			16-QAM	RB1#0	16.8	Pass
		MCH	QPSK	RB1#0	16.9	Pass
			16-QAM	RB1#0	16.10	Pass
		HCH	QPSK	RB1#0	16.11	Pass
			16-QAM	RB1#0	16.12	Pass
	15 MHz	LCH	QPSK	RB1#0	16.13	Pass
			16-QAM	RB1#0	16.14	Pass
		MCH	QPSK	RB1#0	16.15	Pass
			16-QAM	RB1#0	16.16	Pass
		HCH	QPSK	RB1#0	16.17	Pass
			16-QAM	RB1#0	16.18	Pass
	20 MHz	LCH	QPSK	RB1#0	16.19	Pass
			16-QAM	RB1#0	16.20	Pass
		MCH	QPSK	RB1#0	16.21	Pass
			16-QAM	RB1#0	16.22	Pass
		HCH	QPSK	RB1#0	16.23	Pass
			16-QAM	RB1#0	16.24	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	17.1	Pass
			16-QAM	RB1#0	17.2	Pass
		MCH	QPSK	RB1#0	17.3	Pass
			16-QAM	RB1#0	17.4	Pass
		HCH	QPSK	RB1#0	17.5	Pass
			16-QAM	RB1#0	17.6	Pass
	10 MHz	LCH	QPSK	RB1#0	17.7	Pass
			16-QAM	RB1#0	17.8	Pass
		MCH	QPSK	RB1#0	17.9	Pass
			16-QAM	RB1#0	17.10	Pass
		HCH	QPSK	RB1#0	17.11	Pass
			16-QAM	RB1#0	17.12	Pass
	15 MHz	LCH	QPSK	RB1#0	17.13	Pass
			16-QAM	RB1#0	17.14	Pass
		MCH	QPSK	RB1#0	17.15	Pass
			16-QAM	RB1#0	17.16	Pass
		HCH	QPSK	RB1#0	17.17	Pass
			16-QAM	RB1#0	17.18	Pass
	20 MHz	LCH	QPSK	RB1#0	17.19	Pass
			16-QAM	RB1#0	17.20	Pass
		MCH	QPSK	RB1#0	17.21	Pass
			16-QAM	RB1#0	17.22	Pass
		HCH	QPSK	RB1#0	17.23	Pass
			16-QAM	RB1#0	17.24	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	18.1	Pass
			16-QAM	RB1#0	18.2	Pass
		MCH	QPSK	RB1#0	18.3	Pass
			16-QAM	RB1#0	18.4	Pass
		HCH	QPSK	RB1#0	18.5	Pass
			16-QAM	RB1#0	18.6	Pass
	3 MHz	LCH	QPSK	RB1#0	18.7	Pass
			16-QAM	RB1#0	18.8	Pass
		MCH	QPSK	RB1#0	18.9	Pass
			16-QAM	RB1#0	18.10	Pass
		HCH	QPSK	RB1#0	18.11	Pass
			16-QAM	RB1#0	18.12	Pass
	5 MHz	LCH	QPSK	RB1#0	18.13	Pass
			16-QAM	RB1#0	18.14	Pass
		MCH	QPSK	RB1#0	18.15	Pass
			16-QAM	RB1#0	18.16	Pass
		HCH	QPSK	RB1#0	18.17	Pass
			16-QAM	RB1#0	18.18	Pass
	10 MHz	LCH	QPSK	RB1#0	18.19	Pass
			16-QAM	RB1#0	18.20	Pass
		MCH	QPSK	RB1#0	18.21	Pass
			16-QAM	RB1#0	18.22	Pass
		HCH	QPSK	RB1#0	18.23	Pass
			16-QAM	RB1#0	18.24	Pass
	15 MHz	LCH	QPSK	RB1#0	18.25	Pass
			16-QAM	RB1#0	18.26	Pass
		MCH	QPSK	RB1#0	18.27	Pass
			16-QAM	RB1#0	18.28	Pass
		HCH	QPSK	RB1#0	18.29	Pass
			16-QAM	RB1#0	18.30	Pass
	20 MHz	LCH	QPSK	RB1#0	18.31	Pass
			16-QAM	RB1#0	18.32	Pass
		MCH	QPSK	RB1#0	18.33	Pass
			16-QAM	RB1#0	18.34	Pass
		HCH	QPSK	RB1#0	18.35	Pass
			16-QAM	RB1#0	18.36	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_38C							
15MHz+15MHz							
Low	QPSK	1	74	2	0	19.1	Pass
	16-QAM	1	74	2	0	19.2	Pass
Mid	QPSK	1	74	2	0	19.3	Pass
	16-QAM	1	74	2	0	19.4	Pass
High	QPSK	1	74	2	0	19.4	Pass
	16-QAM	1	74	2	0	19.6	Pass
20MHz+20MHz							
Low	QPSK	1	99	2	0	19.7	Pass
	16-QAM	1	99	2	0	19.8	Pass
Mid	QPSK	1	99	2	0	19.9	Pass
	16-QAM	1	99	2	0	19.10	Pass
High	QPSK	1	99	2	0	19.11	Pass
	16-QAM	1	99	2	0	19.12	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_41C							
20MHz+5MHz							
Low	QPSK	1	99	2	0	20.1	Pass
	16-QAM	1	99	2	0	20.2	Pass
Mid	QPSK	1	99	2	0	20.3	Pass
	16-QAM	1	99	2	0	20.4	Pass
High	QPSK	1	99	2	0	20.5	Pass
	16-QAM	1	99	2	0	20.6	Pass
20MHz+20MHz							
Low	QPSK	1	99	2	0	20.7	Pass
	16-QAM	1	99	2	0	20.8	Pass
Mid	QPSK	1	99	2	0	20.9	Pass
	16-QAM	1	99	2	0	20.10	Pass
High	QPSK	1	99	2	0	20.11	Pass
	16-QAM	1	99	2	0	20.12	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
n5	5	LCH	16QAM	12	6	21.1	Pass
			QPSK	12	6	21.2	Pass
		MCH	16QAM	12	6	21.3	Pass
			QPSK	12	6	21.4	Pass
		HCH	16QAM	12	6	21.5	Pass
			QPSK	12	6	21.6	Pass
	15	LCH	16QAM	36	18	21.7	Pass
			QPSK	36	18	21.8	Pass
		MCH	16QAM	36	18	21.9	Pass
			QPSK	36	18	21.10	Pass
		HCH	16QAM	36	18	21.11	Pass
			QPSK	36	18	21.12	Pass
	20	LCH	16QAM	50	25	21.13	Pass
			QPSK	50	25	21.14	Pass
		MCH	16QAM	50	25	21.15	Pass
			QPSK	50	25	21.16	Pass
		HCH	16QAM	50	25	21.17	Pass
			QPSK	50	25	21.18	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n7	5	LCH	16QAM	12	6	22.1	Pass
			QPSK	12	6	22.2	Pass
		MCH	16QAM	12	6	22.3	Pass
			QPSK	12	6	22.4	Pass
		HCH	16QAM	12	6	22.5	Pass
			QPSK	12	6	22.6	Pass
	15	LCH	16QAM	36	18	22.7	Pass
			QPSK	36	18	22.8	Pass
		MCH	16QAM	36	18	22.9	Pass
			QPSK	36	18	22.10	Pass
		HCH	16QAM	36	18	22.11	Pass
			QPSK	36	18	22.12	Pass
	20	LCH	16QAM	50	25	22.13	Pass
			QPSK	50	25	22.14	Pass
		MCH	16QAM	50	25	22.15	Pass
			QPSK	50	25	22.16	Pass
		HCH	16QAM	50	25	22.17	Pass
			QPSK	50	25	22.18	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n38	20	LCH	16QAM	25	12	23.1	Pass
			QPSK	25	12	23.2	Pass
		MCH	16QAM	25	12	23.3	Pass
			QPSK	25	12	23.4	Pass
		HCH	16QAM	25	12	23.5	Pass
			QPSK	25	12	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
n41	20	LCH	16QAM	25	12	24.1	Pass
			QPSK	25	12	24.2	Pass
		MCH	16QAM	25	12	24.3	Pass
			QPSK	25	12	24.4	Pass
		HCH	16QAM	25	12	24.5	Pass
			QPSK	25	12	24.6	Pass
	60	LCH	16QAM	81	40	24.7	Pass
			QPSK	81	40	24.8	Pass
		MCH	16QAM	81	40	24.9	Pass
			QPSK	81	40	24.10	Pass
		HCH	16QAM	81	40	24.11	Pass
			QPSK	81	40	24.12	Pass
	100	LCH	16QAM	135	67	24.13	Pass
			QPSK	135	67	24.14	Pass
		MCH	16QAM	135	67	24.15	Pass
			QPSK	135	67	24.16	Pass
		HCH	16QAM	135	67	24.17	Pass
			QPSK	135	67	24.18	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	QPSK	12	6	25.1	Pass
			16-QAM	12	6	25.2	Pass
		MCH	QPSK	12	6	25.3	Pass
			16-QAM	12	6	25.4	Pass
		HCH	QPSK	12	6	25.5	Pass
			16-QAM	12	6	25.6	Pass
	20 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	36	18	25.7	Pass
			16-QAM	36	18	25.8	Pass
		MCH	QPSK	36	18	25.9	Pass
			16-QAM	36	18	25.10	Pass
		HCH	QPSK	36	18	25.11	Pass
			16-QAM	36	18	25.12	Pass
	20 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	50	25	25.13	Pass
			16-QAM	50	25	25.14	Pass
		MCH	QPSK	50	25	25.15	Pass
			16-QAM	50	25	25.16	Pass
		HCH	QPSK	50	25	25.17	Pass
			16-QAM	50	25	25.18	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_5A_n7A	10 MHz(LTE) + 5 MHz(NR)	LCH	QPSK	12	6	26.1	Pass
			16-QAM	12	6	26.2	Pass
		MCH	QPSK	12	6	26.3	Pass
			16-QAM	12	6	26.4	Pass
		HCH	QPSK	12	6	26.5	Pass
			16-QAM	12	6	26.6	Pass
	10 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	36	18	26.7	Pass
			16-QAM	36	18	26.8	Pass
		MCH	QPSK	36	18	26.9	Pass
			16-QAM	36	18	26.10	Pass
		HCH	QPSK	36	18	26.11	Pass
			16-QAM	36	18	26.12	Pass
	10 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	50	25	26.13	Pass
			16-QAM	50	25	26.14	Pass
		MCH	QPSK	50	25	26.15	Pass
			16-QAM	50	25	26.16	Pass
		HCH	QPSK	50	25	26.17	Pass
			16-QAM	50	25	26.18	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_5A _n66A	10 MHz(LTE) + 5 MHz(NR)	LCH	QPSK	12	6	27.1	Pass
			16-QAM	12	6	27.2	Pass
		MCH	QPSK	12	6	27.3	Pass
			16-QAM	12	6	27.4	Pass
		HCH	QPSK	12	6	27.5	Pass
			16-QAM	12	6	27.6	Pass
	10 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	36	18	27.7	Pass
			16-QAM	36	18	27.8	Pass
		MCH	QPSK	36	18	27.9	Pass
			16-QAM	36	18	27.10	Pass
		HCH	QPSK	36	18	27.11	Pass
			16-QAM	36	18	27.12	Pass
	10 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	50	25	27.13	Pass
			16-QAM	50	25	27.14	Pass
		MCH	QPSK	50	25	27.15	Pass
			16-QAM	50	25	27.16	Pass
		HCH	QPSK	50	25	27.17	Pass
			16-QAM	50	25	27.18	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_7A _n5A	20 MHz(LTE) + 5 MHz(NR)	LCH	QPSK	12	6	28.1	Pass
			16-QAM	12	6	28.2	Pass
		MCH	QPSK	12	6	28.3	Pass
			16-QAM	12	6	28.4	Pass
		HCH	QPSK	12	6	28.5	Pass
			16-QAM	12	6	28.6	Pass
	20 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	36	18	28.7	Pass
			16-QAM	36	18	28.8	Pass
		MCH	QPSK	36	18	28.9	Pass
			16-QAM	36	18	28.10	Pass
		HCH	QPSK	36	18	28.11	Pass
			16-QAM	36	18	28.12	Pass
	20 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	50	25	28.13	Pass
			16-QAM	50	25	28.14	Pass
		MCH	QPSK	50	25	28.15	Pass
			16-QAM	50	25	28.16	Pass
		HCH	QPSK	50	25	28.17	Pass
			16-QAM	50	25	28.18	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_7A _n66A	20 MHz(LTE) + 5 MHz(NR)	LCH	QPSK	12	6	29.1	Pass
			16-QAM	12	6	29.2	Pass
		MCH	QPSK	12	6	29.3	Pass
			16-QAM	12	6	29.4	Pass
		HCH	QPSK	12	6	29.5	Pass
			16-QAM	12	6	29.6	Pass
	20 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	36	18	29.7	Pass
			16-QAM	36	18	29.8	Pass
		MCH	QPSK	36	18	29.9	Pass
			16-QAM	36	18	29.10	Pass
		HCH	QPSK	36	18	29.11	Pass
			16-QAM	36	18	29.12	Pass
	20 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	50	25	29.13	Pass
			16-QAM	50	25	29.14	Pass
		MCH	QPSK	50	25	29.15	Pass
			16-QAM	50	25	29.16	Pass
		HCH	QPSK	50	25	29.17	Pass
			16-QAM	50	25	29.18	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_7C							
20MHz+10MHz							
Low	QPSK	1	99	2	0	30.1	Pass
	16-QAM	1	99	2	0	30.2	Pass
Mid	QPSK	1	99	2	0	30.3	Pass
	16-QAM	1	99	2	0	30.4	Pass
High	QPSK	1	99	2	0	30.4	Pass
	16-QAM	1	99	2	0	30.6	Pass
20MHz+20MHz							
Low	QPSK	1	99	2	0	30.7	Pass
	16-QAM	1	99	2	0	30.8	Pass
Mid	QPSK	1	99	2	0	30.9	Pass
	16-QAM	1	99	2	0	30.10	Pass
High	QPSK	1	99	2	0	30.11	Pass
	16-QAM	1	99	2	0	30.12	Pass

A.6 Band Edge

Note 1: Test plots please refer to the document “Annex No.:BL-SZ2140420-501 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
WCDMA Band 2	LCH	5.1	Pass
	HCH	5.2	Pass
WCDMA Band 4	LCH	6.1	Pass
	HCH	6.2	Pass
WCDMA Band 5	LCH	7.1	Pass
	HCH	7.2	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	8.1	Pass
				RB6#0	8.2	Pass
			16-QAM	RB1#0	8.3	Pass
				RB6#0	8.4	Pass
		HCH	QPSK	RB1#5	8.5	Pass
				RB6#0	8.6	Pass
			16-QAM	RB1#5	8.7	Pass
				RB6#0	8.8	Pass
	3 MHz	LCH	QPSK	RB1#0	8.9	Pass
				RB15#0	8.10	Pass
			16-QAM	RB1#0	8.11	Pass
				RB15#0	8.12	Pass
		HCH	QPSK	RB1#14	8.13	Pass
				RB15#0	8.14	Pass
			16-QAM	RB1#14	8.15	Pass
				RB15#0	8.16	Pass
	5 MHz	LCH	QPSK	RB1#0	8.17	Pass
				RB25#0	8.18	Pass
			16-QAM	RB1#0	8.19	Pass
				RB25#0	8.20	Pass
		HCH	QPSK	RB1#24	8.21	Pass
				RB25#0	8.22	Pass
			16-QAM	RB1#24	8.23	Pass
				RB25#0	8.24	Pass
	10 MHz	LCH	QPSK	RB1#0	8.25	Pass
				RB50#0	8.26	Pass
			16-QAM	RB1#0	8.27	Pass
				RB50#0	8.28	Pass
		HCH	QPSK	RB1#49	8.29	Pass
				RB50#0	8.30	Pass
			16-QAM	RB1#49	8.31	Pass
				RB50#0	8.32	Pass
	15 MHz	LCH	QPSK	RB1#0	8.33	Pass
				RB75#0	8.34	Pass
			16-QAM	RB1#0	8.35	Pass
				RB75#0	8.36	Pass
		HCH	QPSK	RB1#74	8.37	Pass
				RB75#0	8.38	Pass
			16-QAM	RB1#74	8.39	Pass
				RB75#0	8.40	Pass
	20 MHz	LCH	QPSK	RB1#0	8.41	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
				RB100#0	8.42	Pass
			16-QAM	RB1#0	8.43	Pass
				RB100#0	8.44	Pass
		HCH	QPSK	RB1#99	8.45	Pass
				RB100#0	8.46	Pass
			16-QAM	RB1#99	8.47	Pass
				RB100#0	8.48	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	9.1	Pass
				RB6#0	9.2	Pass
			16-QAM	RB1#0	9.3	Pass
				RB6#0	9.4	Pass
		HCH	QPSK	RB1#5	9.5	Pass
				RB6#0	9.6	Pass
			16-QAM	RB1#5	9.7	Pass
				RB6#0	9.8	Pass
	3 MHz	LCH	QPSK	RB1#0	9.9	Pass
				RB15#0	9.10	Pass
			16-QAM	RB1#0	9.11	Pass
				RB15#0	9.12	Pass
		HCH	QPSK	RB1#14	9.13	Pass
				RB15#0	9.14	Pass
			16-QAM	RB1#14	9.15	Pass
				RB15#0	9.16	Pass
	5 MHz	LCH	QPSK	RB1#0	9.17	Pass
				RB25#0	9.18	Pass
			16-QAM	RB1#0	9.19	Pass
				RB25#0	9.20	Pass
		HCH	QPSK	RB1#24	9.21	Pass
				RB25#0	9.22	Pass
			16-QAM	RB1#24	9.23	Pass
				RB25#0	9.24	Pass
	10 MHz	LCH	QPSK	RB1#0	9.25	Pass
				RB50#0	9.26	Pass
			16-QAM	RB1#0	9.27	Pass
				RB50#0	9.28	Pass
		HCH	QPSK	RB1#49	9.29	Pass
				RB50#0	9.30	Pass
			16-QAM	RB1#49	9.31	Pass
				RB50#0	9.32	Pass
	15 MHz	LCH	QPSK	RB1#0	9.33	Pass
				RB75#0	9.34	Pass
			16-QAM	RB1#0	9.35	Pass
				RB75#0	9.36	Pass
		HCH	QPSK	RB1#74	9.37	Pass
				RB75#0	9.38	Pass
			16-QAM	RB1#74	9.39	Pass
				RB75#0	9.40	Pass
	20 MHz	LCH	QPSK	RB1#0	9.41	Pass
				RB100#0	9.42	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
			16-QAM	RB1#0	9.43	Pass
				RB100#0	9.44	Pass
		HCH	QPSK	RB1#99	9.45	Pass
				RB100#0	9.46	Pass
			16-QAM	RB1#99	9.47	Pass
				RB100#0	9.48	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	10.1	Pass
				RB6#0	10.2	Pass
			16-QAM	RB1#0	10.3	Pass
				RB6#0	10.4	Pass
		HCH	QPSK	RB1#5	10.5	Pass
				RB6#0	10.6	Pass
			16-QAM	RB1#5	10.7	Pass
				RB6#0	10.8	Pass
	3 MHz	LCH	QPSK	RB1#0	10.9	Pass
				RB15#0	10.10	Pass
			16-QAM	RB1#0	10.11	Pass
				RB15#0	10.12	Pass
		HCH	QPSK	RB1#14	10.13	Pass
				RB15#0	10.14	Pass
			16-QAM	RB1#14	10.15	Pass
				RB15#0	10.16	Pass
	5 MHz	LCH	QPSK	RB1#0	10.17	Pass
				RB25#0	10.18	Pass
			16-QAM	RB1#0	10.19	Pass
				RB25#0	10.20	Pass
		HCH	QPSK	RB1#24	10.21	Pass
				RB25#0	10.22	Pass
			16-QAM	RB1#24	10.23	Pass
				RB25#0	10.24	Pass
	10 MHz	LCH	QPSK	RB1#0	10.25	Pass
				RB50#0	10.26	Pass
			16-QAM	RB1#0	10.27	Pass
				RB50#0	10.28	Pass
		HCH	QPSK	RB1#49	10.29	Pass
				RB50#0	10.30	Pass
			16-QAM	RB1#49	10.31	Pass
				RB50#0	10.32	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	11.1	Pass
				RB25#0	11.2	Pass
			16-QAM	RB1#0	11.3	Pass
				RB25#0	11.4	Pass
		HCH	QPSK	RB1#24	11.5	Pass
				RB25#0	11.6	Pass
			16-QAM	RB1#24	11.7	Pass
				RB25#0	11.8	Pass
	10 MHz	LCH	QPSK	RB1#0	11.9	Pass
				RB50#0	11.10	Pass
			16-QAM	RB1#0	11.11	Pass
				RB50#0	11.12	Pass
		HCH	QPSK	RB1#49	11.13	Pass
				RB50#0	11.14	Pass
			16-QAM	RB1#49	11.15	Pass
				RB50#0	11.16	Pass
	15 MHz	LCH	QPSK	RB1#0	11.17	Pass
				RB75#0	11.18	Pass
			16-QAM	RB1#0	11.19	Pass
				RB75#0	11.20	Pass
		HCH	QPSK	RB1#74	11.21	Pass
				RB75#0	11.22	Pass
			16-QAM	RB1#74	11.23	Pass
				RB75#0	11.24	Pass
	20 MHz	LCH	QPSK	RB1#0	11.25	Pass
				RB100#0	11.26	Pass
			16-QAM	RB1#0	11.27	Pass
				RB100#0	11.28	Pass
		HCH	QPSK	RB1#99	11.29	Pass
				RB100#0	11.30	Pass
			16-QAM	RB1#99	11.31	Pass
				RB100#0	11.32	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	12.1	Pass
				RB6#0	12.2	Pass
			16-QAM	RB1#0	12.3	Pass
				RB6#0	12.4	Pass
		HCH	QPSK	RB1#5	12.5	Pass
				RB6#0	12.6	Pass
			16-QAM	RB1#5	12.7	Pass
				RB6#0	12.8	Pass
	3 MHz	LCH	QPSK	RB1#0	12.9	Pass
				RB15#0	12.10	Pass
			16-QAM	RB1#0	12.11	Pass
				RB15#0	12.12	Pass
		HCH	QPSK	RB1#14	12.13	Pass
				RB15#0	12.14	Pass
			16-QAM	RB1#14	12.15	Pass
				RB15#0	12.16	Pass
	5 MHz	LCH	QPSK	RB1#0	12.17	Pass
				RB25#0	12.18	Pass
			16-QAM	RB1#0	12.19	Pass
				RB25#0	12.20	Pass
		HCH	QPSK	RB1#24	12.21	Pass
				RB25#0	12.22	Pass
			16-QAM	RB1#24	12.23	Pass
				RB25#0	12.24	Pass
	10 MHz	LCH	QPSK	RB1#0	12.25	Pass
				RB50#0	12.26	Pass
			16-QAM	RB1#0	12.27	Pass
				RB50#0	12.28	Pass
		HCH	QPSK	RB1#49	12.29	Pass
				RB50#0	12.30	Pass
			16-QAM	RB1#49	12.31	Pass
				RB50#0	12.32	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	13.1	Pass
				RB25#0	13.2	Pass
			16-QAM	RB1#0	13.3	Pass
				RB25#0	13.4	Pass
		HCH	QPSK	RB1#24	13.5	Pass
				RB25#0	13.6	Pass
			16-QAM	RB1#24	13.7	Pass
				RB25#0	13.8	Pass
	10 MHz	LCH	QPSK	RB1#0	13.9	Pass
				RB50#0	13.10	Pass
			16-QAM	RB1#0	13.11	Pass
				RB50#0	13.12	Pass
		HCH	QPSK	RB1#49	13.13	Pass
				RB50#0	13.14	Pass
			16-QAM	RB1#49	13.15	Pass
				RB50#0	13.16	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	14.1	Pass
				RB6#0	14.2	Pass
			16-QAM	RB1#0	14.3	Pass
				RB6#0	14.4	Pass
		HCH	QPSK	RB1#5	14.5	Pass
				RB6#0	14.6	Pass
			16-QAM	RB1#5	14.7	Pass
				RB6#0	14.8	Pass
	3 MHz	LCH	QPSK	RB1#0	14.9	Pass
				RB15#0	14.10	Pass
			16-QAM	RB1#0	14.11	Pass
				RB15#0	14.12	Pass
		HCH	QPSK	RB1#14	14.13	Pass
				RB15#0	14.14	Pass
			16-QAM	RB1#14	14.15	Pass
				RB15#0	14.16	Pass
	5 MHz	LCH	QPSK	RB1#0	14.17	Pass
				RB25#0	14.18	Pass
			16-QAM	RB1#0	14.19	Pass
				RB25#0	14.20	Pass
		HCH	QPSK	RB1#24	14.21	Pass
				RB25#0	14.22	Pass
			16-QAM	RB1#24	14.23	Pass
				RB25#0	14.24	Pass
	10 MHz	LCH	QPSK	RB1#0	14.25	Pass
				RB50#0	14.26	Pass
			16-QAM	RB1#0	14.27	Pass
				RB50#0	14.28	Pass
		HCH	QPSK	RB1#49	14.29	Pass
				RB50#0	14.30	Pass
			16-QAM	RB1#49	14.31	Pass
				RB50#0	14.32	Pass
	15 MHz	LCH	QPSK	RB1#0	14.33	Pass
				RB75#0	14.34	Pass
			16-QAM	RB1#0	14.35	Pass
				RB75#0	14.36	Pass
		HCH	QPSK	RB1#74	14.37	Pass
				RB75#0	14.38	Pass
			16-QAM	RB1#74	14.39	Pass
				RB75#0	14.40	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	15.1	16.1	Pass
				RB6#0	15.2	16.2	Pass
			16-QAM	RB1#0	15.3	16.3	Pass
				RB6#0	15.4	16.4	Pass
		HCH	QPSK	RB1#5	15.5	16.5	Pass
				RB6#0	15.6	16.6	Pass
			16-QAM	RB1#5	15.7	16.7	Pass
				RB6#0	15.8	16.8	Pass
	3 MHz	LCH	QPSK	RB1#0	15.9	16.9	Pass
				RB15#0	15.10	16.10	Pass
			16-QAM	RB1#0	15.11	16.11	Pass
				RB15#0	15.12	16.12	Pass
		HCH	QPSK	RB1#14	15.13	16.13	Pass
				RB15#0	15.14	16.14	Pass
			16-QAM	RB1#14	15.15	16.15	Pass
				RB15#0	15.16	16.16	Pass
	5 MHz	LCH	QPSK	RB1#0	15.17	16.17	Pass
				RB25#0	15.18	16.18	Pass
			16-QAM	RB1#0	15.19	16.19	Pass
				RB25#0	15.20	16.20	Pass
		HCH	QPSK	RB1#24	15.21	16.21	Pass
				RB25#0	15.22	16.22	Pass
			16-QAM	RB1#24	15.23	16.23	Pass
				RB25#0	15.24	16.24	Pass
	10 MHz	MCH	QPSK	RB1#0	15.25	16.25	Pass
				RB50#0	15.26	16.26	Pass
			16-QAM	RB1#0	15.27	16.27	Pass
				RB50#0	15.28	16.28	Pass
		MCH	QPSK	RB1#49	15.29	16.29	Pass
				RB50#0	15.30	16.30	Pass
			16-QAM	RB1#49	15.31	16.31	Pass
				RB50#0	15.32	16.32	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	17.1	Pass
				RB25#0	17.2	Pass
			16-QAM	RB1#0	17.3	Pass
				RB25#0	17.4	Pass
		HCH	QPSK	RB1#24	17.5	Pass
				RB25#0	17.6	Pass
			16-QAM	RB1#24	17.7	Pass
				RB25#0	17.8	Pass
	10 MHz	LCH	QPSK	RB1#0	17.9	Pass
				RB50#0	17.10	Pass
			16-QAM	RB1#0	17.11	Pass
				RB50#0	17.12	Pass
		HCH	QPSK	RB1#49	17.13	Pass
				RB50#0	17.14	Pass
			16-QAM	RB1#49	17.15	Pass
				RB50#0	17.16	Pass
	15 MHz	LCH	QPSK	RB1#0	17.17	Pass
				RB75#0	17.18	Pass
			16-QAM	RB1#0	17.19	Pass
				RB75#0	17.20	Pass
		HCH	QPSK	RB1#74	17.21	Pass
				RB75#0	17.22	Pass
			16-QAM	RB1#74	17.23	Pass
				RB75#0	17.24	Pass
	20 MHz	LCH	QPSK	RB1#0	17.25	Pass
				RB100#0	17.26	Pass
			16-QAM	RB1#0	17.27	Pass
				RB100#0	17.28	Pass
		HCH	QPSK	RB1#99	17.29	Pass
				RB100#0	17.30	Pass
			16-QAM	RB1#99	17.31	Pass
				RB100#0	17.32	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	18.1	Pass
				RB25#0	18.2	Pass
			16-QAM	RB1#0	18.3	Pass
				RB25#0	18.4	Pass
		HCH	QPSK	RB1#24	18.5	Pass
				RB25#0	18.6	Pass
			16-QAM	RB1#24	18.7	Pass
				RB25#0	18.8	Pass
	10 MHz	LCH	QPSK	RB1#0	18.9	Pass
				RB50#0	18.10	Pass
			16-QAM	RB1#0	18.11	Pass
				RB50#0	18.12	Pass
		HCH	QPSK	RB1#49	18.13	Pass
				RB50#0	18.14	Pass
			16-QAM	RB1#49	18.15	Pass
				RB50#0	18.16	Pass
	15 MHz	LCH	QPSK	RB1#0	18.17	Pass
				RB75#0	18.18	Pass
			16-QAM	RB1#0	18.19	Pass
				RB75#0	18.20	Pass
		HCH	QPSK	RB1#74	18.21	Pass
				RB75#0	18.22	Pass
			16-QAM	RB1#74	18.23	Pass
				RB75#0	18.24	Pass
	20 MHz	LCH	QPSK	RB1#0	18.25	Pass
				RB100#0	18.26	Pass
			16-QAM	RB1#0	18.27	Pass
				RB100#0	18.28	Pass
		HCH	QPSK	RB1#99	18.29	Pass
				RB100#0	18.30	Pass
			16-QAM	RB1#99	18.31	Pass
				RB100#0	18.32	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	19.1	Pass
				RB6#0	19.2	Pass
			16-QAM	RB1#0	19.3	Pass
				RB6#0	19.4	Pass
		HCH	QPSK	RB1#5	19.5	Pass
				RB6#0	19.6	Pass
			16-QAM	RB1#5	19.7	Pass
				RB6#0	19.8	Pass
	3 MHz	LCH	QPSK	RB1#0	19.9	Pass
				RB15#0	19.10	Pass
			16-QAM	RB1#0	19.11	Pass
				RB15#0	19.12	Pass
		HCH	QPSK	RB1#14	19.13	Pass
				RB15#0	19.14	Pass
			16-QAM	RB1#14	19.15	Pass
				RB15#0	19.16	Pass
	5 MHz	LCH	QPSK	RB1#0	19.17	Pass
				RB25#0	19.18	Pass
			16-QAM	RB1#0	19.19	Pass
				RB25#0	19.20	Pass
		HCH	QPSK	RB1#24	19.21	Pass
				RB25#0	19.22	Pass
			16-QAM	RB1#24	19.23	Pass
				RB25#0	19.24	Pass
	10 MHz	LCH	QPSK	RB1#0	19.25	Pass
				RB50#0	19.26	Pass
			16-QAM	RB1#0	19.27	Pass
				RB50#0	19.28	Pass
		HCH	QPSK	RB1#49	19.29	Pass
				RB50#0	19.30	Pass
			16-QAM	RB1#49	19.31	Pass
				RB50#0	19.32	Pass
	15 MHz	LCH	QPSK	RB1#0	19.33	Pass
				RB75#0	19.34	Pass
			16-QAM	RB1#0	19.35	Pass
				RB75#0	19.36	Pass
		HCH	QPSK	RB1#74	19.37	Pass
				RB75#0	19.38	Pass
			16-QAM	RB1#74	19.39	Pass
				RB75#0	19.40	Pass
	20 MHz	LCH	QPSK	RB1#0	19.41	Pass
				RB100#0	19.42	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
			16-QAM	RB1#0	19.43	Pass
				RB100#0	19.44	Pass
		HCH	QPSK	RB1#99	19.45	Pass
				RB100#0	19.46	Pass
			16-QAM	RB1#99	19.47	Pass
				RB100#0	19.48	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_38C							
15MHz+15MHz							
Low	QPSK	1	0	2	0	20.1	Pass
		1	0	2	73	20.2	Pass
		2	0	1	0	20.3	Pass
		2	0	1	74	20.4	Pass
		75	0	75	0	20.5	Pass
	16-QAM	1	0	2	0	20.6	Pass
		1	0	2	73	20.7	Pass
		2	0	1	0	20.8	Pass
		2	0	1	74	20.9	Pass
		75	0	75	0	20.10	Pass
High	QPSK	1	0	2	73	20.11	Pass
		1	74	2	73	20.12	Pass
		2	0	1	74	20.13	Pass
		2	73	1	74	20.14	Pass
		75	0	75	0	20.15	Pass
	16-QAM	1	0	2	73	20.16	Pass
		1	74	2	73	20.17	Pass
		2	0	1	74	20.18	Pass
		2	73	1	74	20.19	Pass
		75	0	75	0	20.20	Pass
20MHz+20MHz							
Low	QPSK	1	0	2	0	20.21	Pass
		1	0	2	98	20.22	Pass
		2	0	1	0	20.23	Pass
		2	0	1	99	20.24	Pass
		100	0	100	0	20.25	Pass
	16-QAM	1	0	2	0	20.26	Pass
		1	0	2	98	20.27	Pass
		2	0	1	0	20.28	Pass
		2	0	1	99	20.29	Pass
		100	0	100	0	20.30	Pass
High	QPSK	1	0	2	98	20.31	Pass
		1	99	2	98	20.32	Pass
		2	0	1	99	20.33	Pass
		2	98	1	99	20.34	Pass
		100	0	100	0	20.35	Pass
	16-QAM	1	0	2	98	20.36	Pass
		1	99	2	98	20.37	Pass
		2	0	1	99	20.38	Pass
		2	98	1	99	20.39	Pass
		100	0	100	0	20.40	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_41C							
20MHz+5MHz							
Low	QPSK	1	0	2	0	21.1	Pass
		1	0	2	23	21.2	Pass
		2	0	1	0	21.3	Pass
		2	0	1	24	21.4	Pass
		100	0	25	0	21.5	Pass
	16-QAM	1	0	2	0	21.6	Pass
		1	0	2	23	21.7	Pass
		2	0	1	0	21.8	Pass
		2	0	1	24	21.9	Pass
		100	0	25	0	21.10	Pass
High	QPSK	1	0	2	23	21.11	Pass
		1	99	2	23	21.12	Pass
		2	0	2	23	21.13	Pass
		2	98	2	23	21.14	Pass
		100	0	25	0	21.15	Pass
	16-QAM	1	0	2	23	21.16	Pass
		1	99	2	23	21.17	Pass
		2	0	2	23	21.18	Pass
		2	98	2	23	21.19	Pass
		100	0	25	0	21.20	Pass
20MHz+20MHz							
Low	QPSK	1	0	2	0	21.21	Pass
		1	0	2	98	21.22	Pass
		2	0	1	0	21.23	Pass
		2	0	1	99	21.24	Pass
		100	0	100	0	21.25	Pass
	16-QAM	1	0	2	0	21.26	Pass
		1	0	2	98	21.27	Pass
		2	0	1	0	21.28	Pass
		2	0	1	99	21.29	Pass
		100	0	100	0	21.30	Pass
High	QPSK	1	0	2	98	21.31	Pass
		1	99	2	98	21.32	Pass
		2	0	1	99	21.33	Pass
		2	98	1	99	21.34	Pass
		100	0	100	0	21.35	Pass
	16-QAM	1	0	2	98	21.36	Pass
		1	99	2	98	21.37	Pass
		2	0	1	99	21.38	Pass
		2	98	1	99	21.39	Pass
		100	0	100	0	21.40	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
n5	5	LCH	16QAM	1	0	22.1	Pass
				25	0	22.2	Pass
			QPSK	1	0	22.3	Pass
				25	0	22.4	Pass
		HCH	16QAM	1	24	22.5	Pass
				25	0	22.6	Pass
			QPSK	1	24	22.7	Pass
				25	0	22.8	Pass
	15	LCH	16QAM	1	0	22.9	Pass
				75	0	22.10	Pass
			QPSK	1	0	22.11	Pass
				75	0	22.12	Pass
		HCH	16QAM	1	78	22.13	Pass
				75	0	22.14	Pass
			QPSK	1	78	22.15	Pass
				75	0	22.16	Pass
	20	LCH	16QAM	1	0	22.17	Pass
				100	0	22.18	Pass
			QPSK	1	0	22.19	Pass
				100	0	22.20	Pass
		HCH	16QAM	1	105	22.21	Pass
				100	0	22.22	Pass
			QPSK	1	105	22.23	Pass
				100	0	22.24	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n7	5	LCH	16QAM	1	0	23.1	Pass
				25	0	23.2	Pass
			QPSK	1	0	23.3	Pass
				25	0	23.4	Pass
		HCH	16QAM	1	24	23.5	Pass
				25	0	23.6	Pass
			QPSK	1	24	23.7	Pass
				25	0	23.8	Pass
	15	LCH	16QAM	1	0	23.9	Pass
				75	0	23.10	Pass
			QPSK	1	0	23.11	Pass
				75	0	23.12	Pass
		HCH	16QAM	1	78	23.13	Pass
				75	0	23.14	Pass
			QPSK	1	78	23.15	Pass
				75	0	23.16	Pass
	20	LCH	16QAM	1	0	23.17	Pass
				100	0	23.18	Pass
			QPSK	1	0	23.19	Pass
				100	0	23.20	Pass
		HCH	16QAM	1	105	23.21	Pass
				100	0	23.22	Pass
			QPSK	1	105	23.23	Pass
				100	0	23.24	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n38	20	LCH	16QAM	1	0	24.1	Pass
				50	0	24.2	Pass
			QPSK	1	0	24.3	Pass
				50	0	24.4	Pass
		HCH	16QAM	1	50	24.5	Pass
				50	0	24.6	Pass
			QPSK	1	50	24.7	Pass
				50	0	24.8	Pass

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	16QAM	1	0	25.1	Pass
				50	0	25.2	Pass
			QPSK	1	0	25.3	Pass
				50	0	25.4	Pass
		HCH	16QAM	1	50	25.5	Pass
				50	0	25.6	Pass
			QPSK	1	50	25.7	Pass
				50	0	25.8	Pass
	60	LCH	16QAM	1	0	25.9	Pass
				162	0	25.10	Pass
			QPSK	1	0	25.11	Pass
				162	0	25.12	Pass
		HCH	16QAM	1	161	25.13	Pass
				162	0	25.14	Pass
			QPSK	1	161	25.15	Pass
				162	0	25.16	Pass
	100	LCH	16QAM	1	0	25.17	Pass
				273	0	25.18	Pass
			QPSK	1	0	25.19	Pass
				273	0	25.20	Pass
		HCH	16QAM	1	272	25.21	Pass
				273	0	25.22	Pass
			QPSK	1	272	25.23	Pass
				273	0	25.24	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 _n66A	20 MHz(LTE) + 5 MHz(NR)	LCH	QPSK	1	0	26.1	Pass
				25	0	26.2	Pass
			16-QAM	1	0	26.3	Pass
				25	0	26.4	Pass
		HCH	QPSK	1	24	26.5	Pass
				25	0	26.6	Pass
			16-QAM	1	24	26.7	Pass
				25	0	26.8	Pass
	20 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	1	0	26.9	Pass
				75	0	26.10	Pass
			16-QAM	1	0	26.11	Pass
				75	0	26.12	Pass
		HCH	QPSK	1	78	26.13	Pass
				75	0	26.14	Pass
			16-QAM	1	78	26.15	Pass
				75	0	26.16	Pass
	20 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	1	0	26.17	Pass
				100	0	26.18	Pass
			16-QAM	1	0	26.19	Pass
				100	0	26.20	Pass
		HCH	QPSK	1	105	26.21	Pass
				100	0	26.22	Pass
			16-QAM	1	105	26.23	Pass
				100	0	26.24	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_5A _n7A	10 MHz(LTE) + 5 MHz(NR)	LCH	QPSK	1	0	27.1	Pass
				25	0	27.2	Pass
			16-QAM	1	0	27.3	Pass
				25	0	27.4	Pass
		HCH	QPSK	1	24	27.5	Pass
				25	0	27.6	Pass
			16-QAM	1	24	27.7	Pass
				25	0	27.8	Pass
	10 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	1	0	27.9	Pass
				75	0	27.10	Pass
			16-QAM	1	0	27.11	Pass
				75	0	27.12	Pass
		HCH	QPSK	1	78	27.13	Pass
				75	0	27.14	Pass
			16-QAM	1	78	27.15	Pass
				75	0	27.16	Pass
	10 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	1	0	27.17	Pass
				100	0	27.18	Pass
			16-QAM	1	0	27.19	Pass
				100	0	27.20	Pass
		HCH	QPSK	1	105	27.21	Pass
				100	0	27.22	Pass
			16-QAM	1	105	27.23	Pass
				100	0	27.24	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_5A _n66A	10 MHz(LTE) + 5 MHz(NR)	LCH	QPSK	1	0	28.1	Pass
				25	0	28.2	Pass
			16-QAM	1	0	28.3	Pass
				25	0	28.4	Pass
		HCH	QPSK	1	24	28.5	Pass
				25	0	28.6	Pass
			16-QAM	1	24	28.7	Pass
				25	0	28.8	Pass
	10 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	1	0	28.9	Pass
				75	0	28.10	Pass
			16-QAM	1	0	28.11	Pass
				75	0	28.12	Pass
		HCH	QPSK	1	78	28.13	Pass
				75	0	28.14	Pass
			16-QAM	1	78	28.15	Pass
				75	0	28.16	Pass
	10 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	1	0	28.17	Pass
				100	0	28.18	Pass
			16-QAM	1	0	28.19	Pass
				100	0	28.20	Pass
		HCH	QPSK	1	105	28.21	Pass
				100	0	28.22	Pass
			16-QAM	1	105	28.23	Pass
				100	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_7A_n5A	20 MHz(LTE) + 5 MHz(NR)	LCH	QPSK	1	0	29.1	Pass
				25	0	29.2	Pass
			16-QAM	1	0	29.3	Pass
				25	0	29.4	Pass
		HCH	QPSK	1	24	29.5	Pass
				25	0	29.6	Pass
			16-QAM	1	24	29.7	Pass
				25	0	29.8	Pass
	20 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	1	0	29.9	Pass
				75	0	29.10	Pass
			16-QAM	1	0	29.11	Pass
				75	0	29.12	Pass
		HCH	QPSK	1	78	29.13	Pass
				75	0	29.14	Pass
			16-QAM	1	78	29.15	Pass
				75	0	29.16	Pass
	20 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	1	0	29.17	Pass
				100	0	29.18	Pass
			16-QAM	1	0	29.19	Pass
				100	0	29.20	Pass
		HCH	QPSK	1	105	29.21	Pass
				100	0	29.22	Pass
			16-QAM	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_7A _n66A	20 MHz(LTE) + 5 MHz(NR)	LCH	QPSK	1	0	30.1	Pass
				25	0	30.2	Pass
			16-QAM	1	0	30.3	Pass
				25	0	30.4	Pass
		HCH	QPSK	1	24	30.5	Pass
				25	0	30.6	Pass
			16-QAM	1	24	30.7	Pass
				25	0	30.8	Pass
	20 MHz(LTE) + 15 MHz(NR)	LCH	QPSK	1	0	30.9	Pass
				75	0	30.10	Pass
			16-QAM	1	0	30.11	Pass
				75	0	30.12	Pass
		HCH	QPSK	1	78	30.13	Pass
				75	0	30.14	Pass
			16-QAM	1	78	30.15	Pass
				75	0	30.16	Pass
	20 MHz(LTE) + 20 MHz(NR)	LCH	QPSK	1	0	30.17	Pass
				100	0	30.18	Pass
			16-QAM	1	0	30.19	Pass
				100	0	30.20	Pass
		HCH	QPSK	1	105	30.21	Pass
				100	0	30.22	Pass
			16-QAM	1	105	30.23	Pass
				100	0	30.24	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_7C							
20MHz+10MHz							
Low	QPSK	1	0	2	0	31.1	Pass
		1	0	2	48	31.2	Pass
		2	0	1	0	31.3	Pass
		2	0	1	49	31.4	Pass
		100	0	50	0	31.5	Pass
	16-QAM	1	0	2	0	31.6	Pass
		1	0	2	48	31.7	Pass
		2	0	1	0	31.8	Pass
		2	0	1	49	31.9	Pass
		100	0	50	0	31.10	Pass
High	QPSK	1	0	2	48	31.11	Pass
		1	99	2	48	31.12	Pass
		2	0	2	48	31.13	Pass
		2	98	2	48	31.14	Pass
		100	0	50	0	31.15	Pass
	16-QAM	1	0	2	48	31.16	Pass
		1	99	2	48	31.17	Pass
		2	0	2	48	31.18	Pass
		2	98	2	48	31.19	Pass
		100	0	50	0	31.20	Pass
20MHz+20MHz							
Low	QPSK	1	0	2	0	31.21	Pass
		1	0	2	98	31.22	Pass
		2	0	1	0	31.23	Pass
		2	0	1	99	31.24	Pass
		100	0	100	0	31.25	Pass
	16-QAM	1	0	2	0	31.26	Pass
		1	0	2	98	31.27	Pass
		2	0	1	0	31.28	Pass
		2	0	1	99	31.29	Pass
		100	0	100	0	31.30	Pass
High	QPSK	1	0	2	98	31.31	Pass
		1	99	2	98	31.32	Pass
		2	0	1	99	31.33	Pass
		2	98	1	99	31.34	Pass
		100	0	100	0	31.35	Pass
	16-QAM	1	0	2	98	31.36	Pass
		1	99	2	98	31.37	Pass
		2	0	1	99	31.38	Pass
		2	98	1	99	31.39	Pass
		100	0	100	0	31.40	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-SZ2140420-501 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
WCDMA Band 2	LCH	5.1	Pass
	MCH	5.2	Pass
	HCH	5.3	Pass
WCDMA Band 4	LCH	6.1	Pass
	MCH	6.2	Pass
	HCH	6.3	Pass
WCDMA Band 5	LCH	7.1	Pass
	MCH	7.2	Pass
	HCH	7.3	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	8.1	Pass
	3 MHz	MCH	QPSK	RB1#0	8.2	Pass
	5 MHz	MCH	QPSK	RB1#0	8.3	Pass
	10 MHz	MCH	QPSK	RB1#0	8.4	Pass
	15 MHz	MCH	QPSK	RB1#0	8.5	Pass
	20 MHz	MCH	QPSK	RB1#0	8.6	Pass
Band 4	1.4 MHz	MCH	QPSK	RB1#0	9.1	Pass
	3 MHz	MCH	QPSK	RB1#0	9.2	Pass
	5 MHz	MCH	QPSK	RB1#0	9.3	Pass
	10 MHz	MCH	QPSK	RB1#0	9.4	Pass
	15 MHz	MCH	QPSK	RB1#0	9.5	Pass
	20 MHz	MCH	QPSK	RB1#0	9.6	Pass
Band 5	1.4 MHz	MCH	QPSK	RB1#0	10.1	Pass
	3 MHz	MCH	QPSK	RB1#0	10.2	Pass
	5 MHz	MCH	QPSK	RB1#0	10.3	Pass
	10 MHz	MCH	QPSK	RB1#0	10.4	Pass
Band 7	5 MHz	MCH	QPSK	RB1#0	11.1	Pass
	10 MHz	MCH	QPSK	RB1#0	11.2	Pass
	15 MHz	MCH	QPSK	RB1#0	11.3	Pass
	20 MHz	MCH	QPSK	RB1#0	11.4	Pass
Band 12	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
Band 17	5 MHz	MCH	QPSK	RB1#0	13.1	Pass
	10 MHz	MCH	QPSK	RB1#0	13.2	Pass
Band 26 (Part22)	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
	15 MHz	MCH	QPSK	RB1#0	14.5	Pass
Band 26 (Part90)	1.4 MHz	MCH	QPSK	RB1#0	15.1	Pass
	3 MHz	MCH	QPSK	RB1#0	15.2	Pass
	5 MHz	MCH	QPSK	RB1#0	15.3	Pass
	10 MHz	MCH	QPSK	RB1#0	15.4	Pass
Band 38	5 MHz	MCH	QPSK	RB1#0	16.1	Pass
	10 MHz	MCH	QPSK	RB1#0	16.2	Pass
	15 MHz	MCH	QPSK	RB1#0	16.3	Pass
	20 MHz	MCH	QPSK	RB1#0	16.4	Pass
Band 41	5 MHz	MCH	QPSK	RB1#0	17.1	Pass
	10 MHz	MCH	QPSK	RB1#0	17.2	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
	15 MHz	MCH	QPSK	RB1#0	17.3	Pass
	20 MHz	MCH	QPSK	RB1#0	17.4	Pass
Band 66	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
	20 MHz	MCH	QPSK	RB1#0	18.6	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_38C							
15MHz+15MHz							
Low	QPSK	1	74	2	0	19.1	Pass
	16-QAM	1	74	2	0	19.2	Pass
Mid	QPSK	1	74	2	0	19.3	Pass
	16-QAM	1	74	2	0	19.4	Pass
High	QPSK	1	74	2	0	19.4	Pass
	16-QAM	1	74	2	0	19.6	Pass
20MHz+20MHz							
Low	QPSK	1	99	2	0	19.7	Pass
	16-QAM	1	99	2	0	19.8	Pass
Mid	QPSK	1	99	2	0	19.9	Pass
	16-QAM	1	99	2	0	19.10	Pass
High	QPSK	1	99	2	0	19.11	Pass
	16-QAM	1	99	2	0	19.12	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_41C							
20MHz+5MHz							
Low	QPSK	1	99	2	0	20.1	Pass
	16-QAM	1	99	2	0	20.2	Pass
Mid	QPSK	1	99	2	0	20.3	Pass
	16-QAM	1	99	2	0	20.4	Pass
High	QPSK	1	99	2	0	20.5	Pass
	16-QAM	1	99	2	0	20.6	Pass
20MHz+20MHz							
Low	QPSK	1	99	2	0	20.7	Pass
	16-QAM	1	99	2	0	20.8	Pass
Mid	QPSK	1	99	2	0	20.9	Pass
	16-QAM	1	99	2	0	20.10	Pass
High	QPSK	1	99	2	0	20.11	Pass
	16-QAM	1	99	2	0	20.12	Pass

Down Antenna

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Refer to Plot[Note3]	Verdict
GSM 850	LCH	21.1	Pass
	MCH	21.2	Pass
	HCH	21.3	Pass
GSM 1900	LCH	22.1	Pass
	MCH	22.2	Pass
	HCH	22.3	Pass
EGPRS 850	LCH	23.1	Pass
	MCH	23.2	Pass
	HCH	23.3	Pass
EGPRS 1900	LCH	24.1	Pass
	MCH	24.2	Pass
	HCH	24.3	Pass
WCDMA Band 2	LCH	25.1	Pass
	MCH	25.2	Pass
	HCH	25.3	Pass
WCDMA Band 4	LCH	26.1	Pass
	MCH	26.2	Pass
	HCH	26.3	Pass
WCDMA Band 5	LCH	27.1	Pass
	MCH	27.2	Pass
	HCH	27.3	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	28.1	Pass
	3 MHz	MCH	QPSK	RB1#0	28.2	Pass
	5 MHz	MCH	QPSK	RB1#0	28.3	Pass
	10 MHz	MCH	QPSK	RB1#0	28.4	Pass
	15 MHz	MCH	QPSK	RB1#0	28.5	Pass
	20 MHz	MCH	QPSK	RB1#0	28.6	Pass
Band 4	1.4 MHz	MCH	QPSK	RB1#0	29.1	Pass
	3 MHz	MCH	QPSK	RB1#0	29.2	Pass
	5 MHz	MCH	QPSK	RB1#0	29.3	Pass
	10 MHz	MCH	QPSK	RB1#0	29.4	Pass
	15 MHz	MCH	QPSK	RB1#0	29.5	Pass
	20 MHz	MCH	QPSK	RB1#0	29.6	Pass
Band 5	1.4 MHz	MCH	QPSK	RB1#0	30.1	Pass
	3 MHz	MCH	QPSK	RB1#0	30.2	Pass
	5 MHz	MCH	QPSK	RB1#0	30.3	Pass
	10 MHz	MCH	QPSK	RB1#0	30.4	Pass
Band 7	5 MHz	MCH	QPSK	RB1#0	31.1	Pass
	10 MHz	MCH	QPSK	RB1#0	31.2	Pass
	15 MHz	MCH	QPSK	RB1#0	31.3	Pass
	20 MHz	MCH	QPSK	RB1#0	31.4	Pass
Band 12	1.4 MHz	MCH	QPSK	RB1#0	32.1	Pass
	3 MHz	MCH	QPSK	RB1#0	32.2	Pass
	5 MHz	MCH	QPSK	RB1#0	32.3	Pass
	10 MHz	MCH	QPSK	RB1#0	32.4	Pass
Band 17	5 MHz	MCH	QPSK	RB1#0	33.1	Pass
	10 MHz	MCH	QPSK	RB1#0	33.2	Pass
Band 26 (Part22)	1.4 MHz	MCH	QPSK	RB1#0	34.1	Pass
	3 MHz	MCH	QPSK	RB1#0	34.2	Pass
	5 MHz	MCH	QPSK	RB1#0	34.3	Pass
	10 MHz	MCH	QPSK	RB1#0	34.4	Pass
	15 MHz	MCH	QPSK	RB1#0	34.5	Pass
Band 26 (Part90)	1.4 MHz	MCH	QPSK	RB1#0	35.1	Pass
	3 MHz	MCH	QPSK	RB1#0	35.2	Pass
	5 MHz	MCH	QPSK	RB1#0	35.3	Pass
	10 MHz	MCH	QPSK	RB1#0	35.4	Pass
Band 38	5 MHz	MCH	QPSK	RB1#0	36.1	Pass
	10 MHz	MCH	QPSK	RB1#0	36.2	Pass
	15 MHz	MCH	QPSK	RB1#0	36.3	Pass
	20 MHz	MCH	QPSK	RB1#0	36.4	Pass
Band 41	5 MHz	MCH	QPSK	RB1#0	37.1	Pass
	10 MHz	MCH	QPSK	RB1#0	37.2	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
	15 MHz	MCH	QPSK	RB1#0	37.3	Pass
	20 MHz	MCH	QPSK	RB1#0	37.4	Pass
Band 66	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

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_38C							
15MHz+15MHz							
Low	QPSK	1	74	2	0	39.1	Pass
	16-QAM	1	74	2	0	39.2	Pass
Mid	QPSK	1	74	2	0	39.3	Pass
	16-QAM	1	74	2	0	39.4	Pass
High	QPSK	1	74	2	0	39.5	Pass
	16-QAM	1	74	2	0	39.6	Pass
20MHz+20MHz							
Low	QPSK	1	99	2	0	39.7	Pass
	16-QAM	1	99	2	0	39.8	Pass
Mid	QPSK	1	99	2	0	39.9	Pass
	16-QAM	1	99	2	0	39.10	Pass
High	QPSK	1	99	2	0	39.11	Pass
	16-QAM	1	99	2	0	39.12	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_41C							
20MHz+5MHz							
Low	QPSK	1	99	2	0	40.1	Pass
	16-QAM	1	99	2	0	40.2	Pass
Mid	QPSK	1	99	2	0	40.3	Pass
	16-QAM	1	99	2	0	40.4	Pass
High	QPSK	1	99	2	0	40.5	Pass
	16-QAM	1	99	2	0	40.6	Pass
20MHz+20MHz							
Low	QPSK	1	99	2	0	40.7	Pass
	16-QAM	1	99	2	0	40.8	Pass
Mid	QPSK	1	99	2	0	40.9	Pass
	16-QAM	1	99	2	0	40.10	Pass
High	QPSK	1	99	2	0	40.11	Pass
	16-QAM	1	99	2	0	40.12	Pass

NR Mode Test Verdict

Up Antenna

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n5	5	MCH	QPSK	12	6	41.1	Pass
	15	MCH	QPSK	36	18	41.2	Pass
	20	MCH	QPSK	50	25	41.3	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n7	5	MCH	QPSK	12	6	42.1	Pass
	15	MCH	QPSK	36	18	42.2	Pass
	20	MCH	QPSK	50	25	42.3	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n38	20	MCH	QPSK	25	12	43.1	Pass

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	MCH	QPSK	25	12	44.1	Pass
	60	MCH	QPSK	81	40	44.2	Pass
	100	MCH	QPSK	135	67	44.3	Pass

Down Antenna

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n5	5	MCH	QPSK	12	6	45.1	Pass
	15	MCH	QPSK	36	18	45.2	Pass
	20	MCH	QPSK	50	25	45.3	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n7	5	MCH	QPSK	12	6	46.1	Pass
	15	MCH	QPSK	36	18	46.2	Pass
	20	MCH	QPSK	50	25	46.3	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n38	20	MCH	QPSK	25	12	47.1	Pass

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	MCH	QPSK	25	12	48.1	Pass
	60	MCH	QPSK	81	40	48.2	Pass
	100	MCH	QPSK	135	67	48.3	Pass

Up Up Antenna

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)	MCH	QPSK	12	6	49.1	Pass
	20 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	49.2	Pass
	20 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	49.3	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_5A_n7A	10 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	50.1	Pass
	10 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	50.2	Pass
	10 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	50.3	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_5A_n66A	10 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	51.1	Pass
	10 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	51.2	Pass
	10 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	51.3	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_7A_n5A	20 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	52.1	Pass
	20 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	52.2	Pass
	20 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	52.3	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_7A_n66A	20 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	53.1	Pass
	20 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	53.2	Pass
	20 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	53.3	Pass

Up Down Antenna

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)	MCH	QPSK	12	6	54.1	Pass
	20 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	54.2	Pass
	20 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	54.3	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_5A_n7A	10 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	55.1	Pass
	10 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	55.2	Pass
	10 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	55.3	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_5A_n66A	10 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	56.1	Pass
	10 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	56.2	Pass
	10 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	56.3	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_7A_n5A	20 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	57.1	Pass
	20 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	57.2	Pass
	20 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	57.3	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_7A_n66A	20 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	58.1	Pass
	20 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	58.2	Pass
	20 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	58.3	Pass

Down Up Antenna

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)	MCH	QPSK	12	6	59.1	Pass
	20 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	59.2	Pass
	20 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	59.3	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_5A_n7A	10 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	60.1	Pass
	10 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	60.2	Pass
	10 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	60.3	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_5A_n66A	10 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	61.1	Pass
	10 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	61.2	Pass
	10 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	61.3	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_7A_n5A	20 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	62.1	Pass
	20 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	62.2	Pass
	20 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	62.3	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_7A_n66A	20 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	63.1	Pass
	20 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	63.2	Pass
	20 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	63.3	Pass

Down Down Antenna

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)	MCH	QPSK	12	6	64.1	Pass
	20 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	64.2	Pass
	20 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	64.3	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_5A_n7A	10 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	65.1	Pass
	10 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	65.2	Pass
	10 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	65.3	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_5A_n66A	10 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	66.1	Pass
	10 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	66.2	Pass
	10 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	66.3	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_7A_n5A	20 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	67.1	Pass
	20 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	67.2	Pass
	20 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	67.3	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_7A_n66A	20 MHz(LTE) + 5 MHz(NR)	MCH	QPSK	12	6	68.1	Pass
	20 MHz(LTE) + 15 MHz(NR)	MCH	QPSK	36	18	68.2	Pass
	20 MHz(LTE) + 20MHz(NR)	MCH	QPSK	50	25	68.3	Pass

Up Antenna

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_7C							
20MHz+10MHz							
Low	QPSK	1	99	2	0	69.1	Pass
	16-QAM	1	99	2	0	69.2	Pass
Mid	QPSK	1	99	2	0	69.3	Pass
	16-QAM	1	99	2	0	69.4	Pass
High	QPSK	1	99	2	0	69.4	Pass
	16-QAM	1	99	2	0	69.6	Pass
20MHz+20MHz							
Low	QPSK	1	99	2	0	69.7	Pass
	16-QAM	1	99	2	0	69.8	Pass
Mid	QPSK	1	99	2	0	69.9	Pass
	16-QAM	1	99	2	0	69.10	Pass
High	QPSK	1	99	2	0	69.11	Pass
	16-QAM	1	99	2	0	69.12	Pass

Down Antenna

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_7C							
20MHz+10MHz							
Low	QPSK	1	99	2	0	70.1	Pass
	16-QAM	1	99	2	0	70.2	Pass
Mid	QPSK	1	99	2	0	70.3	Pass
	16-QAM	1	99	2	0	70.4	Pass
High	QPSK	1	99	2	0	70.4	Pass
	16-QAM	1	99	2	0	70.6	Pass
20MHz+20MHz							
Low	QPSK	1	99	2	0	70.7	Pass
	16-QAM	1	99	2	0	70.8	Pass
Mid	QPSK	1	99	2	0	70.9	Pass
	16-QAM	1	99	2	0	70.10	Pass
High	QPSK	1	99	2	0	70.11	Pass
	16-QAM	1	99	2	0	70.12	Pass

ANNEX B TEST SETUP PHOTOS

Please refer to the document “BL-SZ2140420-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer to the document “BL-SZ2140420-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer to the document “BL-SZ2140420-AI.PDF”.

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