TEST REPORT

Applicant:	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address:	NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China
Equipment Type:	Mobile Phone
Model Name:	CPH2531
Brand Name:	OPPO
FCC ID:	R9C-CPH2531
Test Standard:	47 CFR Part 2 (Others refer to chapter 3.1)
Sample Arrival Date:	Mar. 24, 2023
Test Date:	Mar. 24, 2023 - Apr. 19, 2023
Date of Issue:	May 04, 2023

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Zhong Weiqiang **Checked by:** Wu Huihui **Approved by:** Tolan Tu (Testing Director)

Revision History

Version	Issue Date	Revisions Content
Rev. 01	May 04, 2023	Initial Issue

TABLE OF CONTENTS

1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☑ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	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	CPH2531
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	ColorOS 13.1
Dimensions (Approx.)	162.43*74.19*7.99 mm
Weight (Approx.)	185g±3g (with battery)
EUT ID	S04, S51, S52, S53, S54, S55
IMEI Number	S04: IMEI1#: 865303060027150 IMEI2#: 865303060027143
	S51: IMEI1#: 865303060032333 IMEI2#: 865303060032325
	S52: IMEI1#: 865303060032218 IMEI2#: 865303060032200
	S53: IMEI1#: 865303060032135 IMEI2#: 865303060032127
	S54: IMEI1#: 865303060032036 IMEI2#: 865303060032028
	S55: IMEI1#: 865303060032259

2.5 Technical Information

All Network and Wireless connectivity for EUT	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/13/17/18/19/26/66 LTE TDD Band 38/41 LTE CA Uplink (UL): CA_7C, CA_38C, CA_41C 5G Network SA: NR n5/n7/n38/n41/n66 NSA: DC_2A_n7A, DC_2A_n66A, DC_5A_n7A, DC_5A_n66A, DC_7A_n5A, DC_7_n66A, DC_12_n66A, DC_26A_n41A, DC_66A_n5A, DC_66A_n7A, DC_66A_n38A, DC_66A_n41A Bluetooth 5.3 (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40), VHT20/40 and 802.11ax(HE20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) and 802.11ax(HE20/40/80) U-NII-1/2A/2C/3, GPS, NFC, BeiDou, Galileo, GLONASS, SBAS
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 FDD LTE Band 2/4/5/7/12/13/17/26/66 LTE TDD Band 38/41 CA_7C, CA_38C, CA_41C SA: n5/n7/n38/n41/n66 NSA(EN-DC): DC_2A_n7A, DC_2A_n66A, DC_5A_n7A, DC_5A_n66A, DC_7A_n5A, DC_7_n66A, DC_12_n66A, DC_26A_n41A, DC_66A_n5A, DC_66A_n7A, DC_66A_n38A, DC_66A_n41A	
Modulation Type	GSM/GPRS	GMSK
	EGPRS	8PSK
	WCDMA	QPSK
	HSDPA /HSUPA	QPSK
		16QAM
	LTE	QPSK

		16QAM
		64QAM
	NR	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM
		DFT-s-OFDM: Pi/2 BPSK/ QPSK / 16QAM / 64QAM / 256QAM
Multislot Class	GPRS/EGPRS: 12	
Antenna Type	PIFA Antenna	
Antenna Gain	GSM/GPRS/EGPRS 850: -4.8 dBi (Ant0), -3.7 dBi (Ant1) GSM/GPRS/EGPRS 1900: -0.8 dBi (Ant3), -1.0 dBi (Ant4), -1.5 dBi (Ant5) WCDMA/HSDPA/HSUPA Band 2: -0.8 dBi (Ant3), -1.0 dBi (Ant4), -1.5 dBi (Ant5) WCDMA/HSDPA/HSUPA Band 4: -1.4 dBi (Ant3), -1.4 dBi (Ant4), -1.7 dBi (Ant5) WCDMA/HSDPA/HSUPA Band 5: -4.8 dBi (Ant0), -3.7 dBi (Ant1) FDD LTE Band 2: -0.8 dBi (Ant3), -1.0 dBi (Ant4), -1.5 dBi (Ant5) FDD LTE Band 4: -1.4 dBi (Ant3), -1.4 dBi (Ant4), -1.7 dBi (Ant5) FDD LTE Band 5: -4.8 dBi (Ant0), -3.7 dBi (Ant1) FDD LTE Band 7: -0.4 dBi (Ant3), -0.8 dBi (Ant4), -0.8 dBi (Ant5) FDD LTE Band 12: -5.7 dBi (Ant0), -4.1 dBi (Ant1) FDD LTE Band 13: -5.7 dBi (Ant0), -4.1 dBi (Ant1) FDD LTE Band 17: -5.7 dBi (Ant0), -4.1 dBi (Ant1) FDD LTE Band 26: -4.7 dBi (Ant0), -3.5 dBi (Ant1) FDD LTE Band 66: -0.8 dBi (Ant3), -1.0 dBi (Ant4), -1.0 dBi (Ant5) TDD LTE Band 38: -0.4 dBi (Ant3), -0.8 dBi (Ant4), -0.8 dBi (Ant5) TDD LTE Band 41: -0.4 dBi (Ant3), -0.8 dBi (Ant4), -0.8 dBi (Ant5) CA_7C: -0.4 dBi (Ant3), -0.8 dBi (Ant4), -0.8 dBi (Ant5) CA_38C: -0.4 dBi (Ant3), -0.8 dBi (Ant4), -0.8 dBi (Ant5) CA_41C: -0.4 dBi (Ant3), -0.8 dBi (Ant4), -0.8 dBi (Ant5) FDD NR Band n5: -4.8 dBi (Ant0), -3.7 dBi (Ant1) FDD NR Band n7: -0.4 dBi (Ant3), -0.8 dBi (Ant4), -0.8 dBi (Ant5) TDD NR Band n38: -0.4 dBi (Ant3), -0.8 dBi (Ant4), -0.8 dBi (Ant5) TDD NR Band n41: -0.4 dBi (Ant3), -0.8 dBi (Ant4), -0.8 dBi (Ant5) FDD NR Band n66: -0.8 dBi (Ant3), -1.0 dBi (Ant4), -1.0 dBi (Ant5)	
The Max RF Output Power (EIRP/ERP)	GSM/GPRS/EGPRS 850: 26.78 dBm GSM/GPRS/EGPRS 1900: 28.73 dBm WCDMA/HSDPA/HSUPA Band 2: 22.71 dBm WCDMA/HSDPA/HSUPA Band 4: 22.16 dBm WCDMA/HSDPA/HSUPA Band 5: 17.37 dBm FDD LTE Band 2: 22.14 dBm FDD LTE Band 4: 21.79 dBm FDD LTE Band 5: 18.03 dBm FDD LTE Band 7: 22.90 dBm FDD LTE Band 12: 16.45 dBm	

	FDD LTE Band 13: 16.55 dBm FDD LTE Band 17: 16.39 dBm FDD LTE Band 26 (part22): 18.20 dBm FDD LTE Band 26 (part90): 18.88 dBm FDD LTE Band 66: 22.79 dBm TDD LTE Band 38: 22.95 dBm TDD LTE Band 41: 24.56 dBm CA_7C: 22.75 dBm CA_38C: 22.75 dBm CA_41C: 24.14 dBm FDD NR Band n5: 17.65 dBm FDD NR Band n7: 22.90 dBm FDD NR Band n66: 23.05 dBm TDD NR Band n38: 22.98 dBm TDD NR Band n41: 24.89 dBm DC_2A_n7A: 22.41 dBm DC_2A_n66A: 22.73 dBm DC_5A_n7A: 22.92 dBm DC_5A_n66A: 23.11 dBm DC_7A_n5A: 17.77 dBm DC_7A_n66A: 22.74 dBm DC_12A_n66A: 22.21 dBm DC_26A_n41A: 23.01 dBm DC_66A_n5A: 17.84 dBm DC_66A_n7A: 23.04 dBm DC_66A_n38A: 22.55 dBm DC_66A_n41A: 23.01 dBm
SCS and Channel Bandwidths	n5_SCS 15kHz: 5MHz, 10MHz, 15MHz, 20MHz n7_SCS 15kHz: 5MHz, 10MHz, 15MHz, 20MHz, 25MHz, 30MHz, 40MHz n66_SCS 15kHz: 5MHz, 10MHz, 15MHz, 20MHz, 30MHz, 40MHz n38_SCS 30kHz: 10MHz, 15MHz, 20MHz, 30MHz, 40MHz n41_SCS 30kHz: 20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz

Band	Power Class		Tx Frequency Range	Rx Frequency Range
	GMSK	8PSK		
GSM850	4	E2	824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
GSM1900	1	E2	1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
WCDMA B2	3		1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
WCDMA B4	3		1710 MHz ~ 1755 MHz	2110 MHz ~ 2155 MHz
WCDMA B5	3		824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
LTE B2	3		1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
LTE B4	3		1710 MHz ~ 1755 MHz	2110 MHz ~ 2155 MHz
LTE B5	3		824 MHz ~ 849 MHz	869 MHz ~ 894 MHz

LTE B7	3	2500 MHz ~ 2570 MHz	2620 MHz ~ 2690 MHz
LTE B12	3	699 MHz ~ 716 MHz	729 MHz ~ 746 MHz
LTE B13	3	777 MHz ~ 787 MHz	746 MHz ~ 756 MHz
LTE B17	3	704 MHz ~ 716 MHz	734 MHz ~ 746 MHz
LTE B26(Part90)	3	814 MHz ~ 824 MHz	859 MHz ~ 869 MHz
LTE B26(Part22)	3	824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
LTE B38	3	2570 MHz ~ 2620 MHz	2570 MHz ~ 2620 MHz
LTE B41	2	2496 MHz ~ 2690 MHz	2496 MHz ~ 2690 MHz
LTE B66	3	1710 MHz ~ 1780 MHz	2110 MHz ~ 2180 MHz
NR n5	3	824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
NR n7	3	2500 MHz ~ 2570 MHz	2620 MHz ~ 2690 MHz
NR n38	3	2570 MHz ~ 2620 MHz	2570 MHz ~ 2620 MHz
NR n41	2	2496 MHz ~ 2690 MHz	2496 MHz ~ 2690 MHz
NR n66	3	1710 MHz ~ 1780 MHz	2110 MHz ~ 2180 MHz

Note1: The EUT information provided by the applicant, except for The Max RF Conducted Power. For more detailed band specifications and features description, please refer to the manufacturer's specifications or user's manual.

Note2: There are multiple antennas for WWAN to transceiving, which can be switched but can't transmit simultaneously. Details please refer to internal photos.

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 C63.26-2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
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)	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	ANNEX A.5	Pass
7	Band Edge	2.1051 22.917 24.238 27.53 90.691	ANNEX A.6	Pass
8	Field Strength of Spurious Radiation	2.1053 22.917 24.238 27.53 90.691	ANNEX A.7	Pass

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity		20% to 75%
Atmospheric Pressure		98 kPa to 102 kPa
Test Voltage of the EUT	NV (Normal Voltage)	3.89 V
	LV (Low Voltage)	3.60 V
	HV (High Voltage)	4.48 V
Test Temperature of the EUT	NT (Normal Temperature)	15 °C to 35 °C
	LT (Low Temperature)	-30 °C
	HT (High Temperature)	+50 °C

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Version	Cal. Date	Cal. Due
2/3/4/5G RF Test System						
BL410 Test Software	BALUN	BL410R	N/A	2.1.1.496	N/A	N/A
UCTS Test Software	Anritsu	UCTS	N/A	V 6.21.1105.0	N/A	N/A
Temperature Chamber	AHK	SP20	1412	N/A	2022.09.20	2023.09.19
Universal Radio Communication Tester	R&S	CMU 200	121487	V5.21	2022/12/28	2023/12/27
Wideband Radio Communication Tester	R&S	CMW 500	167190	V4.0.60	2022.05.19	2023.05.18
Wideband Radio Communication Tester	R&S	CMW 500	102318	V3.2.71	2022.05.19	2023.05.18
Radio Communication Test Station	Anritsu	MT8821C	6201588572	40.10S #017	2022.05.31	2023.05.30

Radio Communication Test Station	Anritsu	MT8000A	6261940329	Ver.8.60.4.0	2023.03.13	2024.03.12
5G Wireless Test Platform	Starpoint	SP9500-CTS	19220	C1.0.8.32	2022.11.22	2023.11.21
Spectrum Analyzer	keysight	N9020A	MY50531628	A.16.09	2022.05.23	2023.05.22
Spectrum Analyzer	R&S	FSV40	101544	2.30.SP4	2022.12.28	2023.12.27
DC Power Supply	ITECH	IT6863A	800014020757120005	N/A	2022.09.09	2023.09.08
Radiated Test System						
Radiated Test System Test Software	BALUN	BL410-E	N/A	V19.918	N/A	N/A
Wideband Radio Communication Tester	R&S	CMW 500	167190	V4.0.60	2022.05.19	2023.05.18
Wideband Radio Communication Tester	R&S	CMW 500	102318	V3.2.71	2022.05.19	2023.05.18
5G Wireless Test Platform	Starpoint	SP9500-CTS	19220	C1.0.8.32	2022.11.22	2023.11.21
Spectrum Analyzer	keysight	N9020A	MY50531628	A.16.09	2022.05.23	2023.05.22
Spectrum Analyzer	R&S	FSV40	101544	2.30.SP4	2022.12.28	2023.12.27
DC Power Supply	ITECH	IT6863A	800014020757120005	N/A	2022.09.09	2023.09.08
Test Antenna-Bi-Log(30 MHz-3 GHz)	Schwarzbeck	VULB 9163	9163-624	N/A	2021.08.20	2024.08.19
Test Antenna-Horn(1-18 GHz)	Schwarzbeck	BBHA 9120D	01917	N/A	2022.06.09	2025.06.08
Test Antenna-Horn(18-40 GHz)	A-INFO	LB-180400KF	J211060273	N/A	2021.07.02	2024.07.01
Anechoic Chamber	YIHENG	9m*6m*6m	144	N/A	2022.02.09	2024.09.03
EMI Receiver	Keysight	N9038A	MY53220118	A.14.16	2022.09.08	2023.09.07

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

Test Items	Test Mode	Test Channel		
		LCH	MCH	HCH
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Band Edge	GSM 850	v	--	v
	GSM 1900	v	--	v
	EGPRS 850	v	--	v
	EGPRS 1900	v	--	v
	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
13	n	n	v	v	n	n	v	v	v	v	v	v	v	v
17	n	n	v	v	n	n	v	v	v	v	v	v	v	v
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
13	n	n	--	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
13	n	n	v	v	n	n	v	v	--	--	v	v	v	v
17	n	n	v	v	n	n	v	v	--	--	v	v	v	v
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														

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
2	--	--	--	v	--	--	v	v	--	--	v	--	v	--
4	--	--	--	v	--	--	v	v	--	--	v	--	v	--
5	--	--	--	v	n	n	v	v	--	--	v	--	v	--
7	n	n	--	v	--	--	v	v	--	--	v	--	v	--
12	--	--	--	v	n	n	v	v	--	--	v	--	v	--
13	n	n	--	v	n	n	v	v	--	--	v	--	v	--
17	n	n	--	v	n	n	v	v	--	--	v	--	v	--
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
13	n	n	v	v	n	n	v	v	v	--	--	v	v	v
17	n	n	v	v	n	n	v	v	v	--	--	v	v	v
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
13	n	n	v	v	n	n	v	v	v	--	v	v	--	v
17	n	n	v	v	n	n	v	v	v	--	v	v	--	v
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	--

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
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	--
13	n	n	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

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
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
		15	21375	2562.5
		20	21350	2560
LTE Band 12	Low Range	1.4	23017	699.7
		3	23025	700.5
		5	23035	701.5
		10	23060	704
	Middle Range	1.4/3/5/10	23095	707.5
	High Range	1.4	23173	715.3
		3	23165	714.5
		5	23155	713.5
		10	23130	711
LTE Band 13	Low Range	5	23205	779.5
		10	23230	782
	Middle Range	5/10	23230	782
	High Range	5	23255	784.5
		10	23230	782
LTE Band 17	Low Range	5	23755	706.5
		10	23780	709
	Middle Range	5/10	23790	710
	High Range	5	23825	713.5
		10	23800	711
LTE Band 26 (Part22)	Low Range	1.4	26797	824.7
		3	26805	825.5
		5	26815	826.5
		10	26840	829

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
		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	26740	819
	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	26740	819
LTE Band 38	Low Range	5	37775	2572.5
		10	37800	2575
		15	37825	2577.5
		20	37850	2580
	Middle Range	5/10/15/20	38000	2595
	High Range	5	38225	2617.5
		10	38200	2615
		15	38175	2612.5
		20	38150	2610
LTE Band 41	Low Range	5	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

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
	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
	10	Low Range	165800	829
		Middle Range	167300	836.5
		High Range	168300	844
	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
	10	Low Range	501000	2505
		Middle Range	507000	2535
		High Range	513000	2565
	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
	25	Low Range	502500	2512.5
		Middle Range	507000	2535
		High Range	511500	2557.5
	30	Low Range	503000	2515
		Middle Range	507000	2535
		High Range	511000	2555
	40	Low Range	504000	2520
		Middle Range	507000	2535
		High Range	510000	2550

Test Mode	Channel Bandwidth (MHz)	UL Channel	UL Channel No.	UL Frequency (MHz)
NR Band n38	10	Low Range	515000	2575
		Middle Range	519000	2595
		High Range	523000	2615
	15	Low Range	515500	2577.5
		Middle Range	519000	2595
		High Range	522500	2612.5
	20	Low Range	516000	2580
		Middle Range	519000	2595
		High Range	522000	2610
	30	Low Range	517000	2585
		Middle Range	519000	2595
		High Range	521000	2605
	40	Low Range	518000	2590
		Middle Range	519000	2595
		High Range	520000	2600

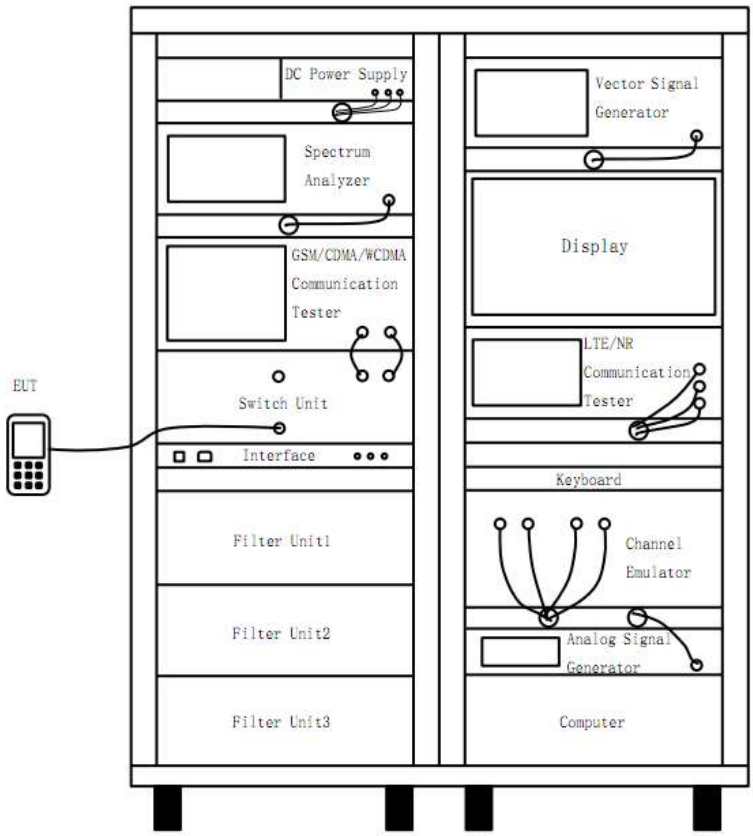
Test Mode	Channel Bandwidth (MHz)	UL Channel	UL Channel No.	UL Frequency (MHz)
NR Band n41	20	Low Range	501204	2506.02
		Middle Range	518598	2592.99
		High Range	535998	2679.99
	30	Low Range	502200	2511
		Middle Range	518598	2592.99
		High Range	534996	2674.98
	40	Low Range	503202	2516.01
		Middle Range	518598	2592.99
		High Range	534000	2670
	50	Low Range	504204	2521.02
		Middle Range	518598	2592.99
		High Range	532998	2664.99
	60	Low Range	505200	2526
		Middle Range	518598	2592.99
		High Range	531996	2659.98
	70	Low Range	506202	2531.01
		Middle Range	518598	2592.99
		High Range	531000	2655
	80	Low Range	507204	2536.02
		Middle Range	518598	2592.99
		High Range	529998	2649.99
	90	Low Range	508200	2541

Test Mode	Channel Bandwidth (MHz)	UL Channel	UL Channel No.	UL Frequency (MHz)
		Middle Range	518598	2592.99
		High Range	528996	2644.98
	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
	10	Low Range	343000	1715
		Middle Range	349000	1745
		High Range	355000	1775
	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
	30	Low Range	345000	1725
		Middle Range	349000	1745
		High Range	353000	1765
	40	Low Range	346000	1730
		Middle Range	349000	1745
		High Range	352000	1760

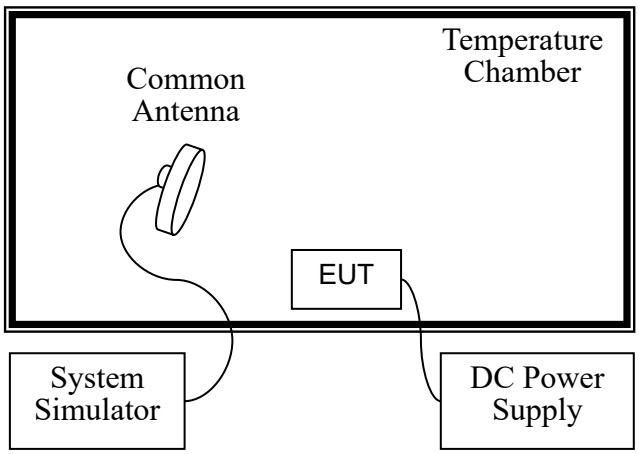
4.4 Test Setup

4.4.1 For Antenna Port Test



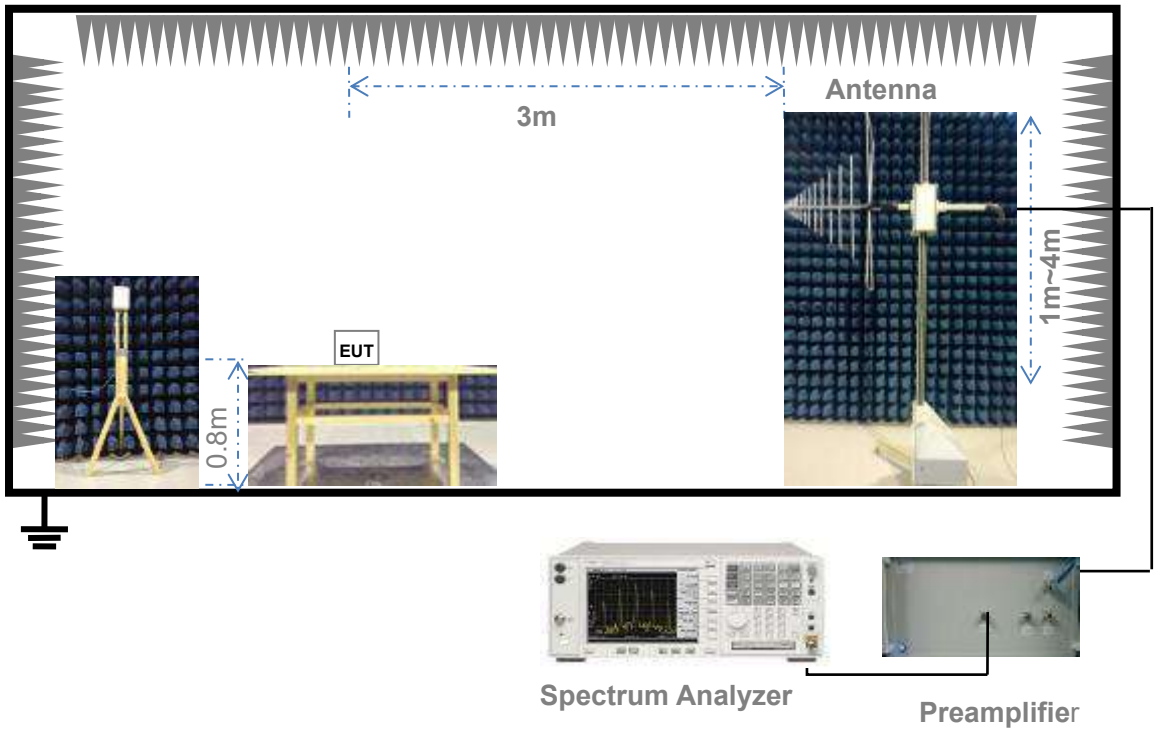
(Diagram 1)

4.4.2 For Frequency Stability Test



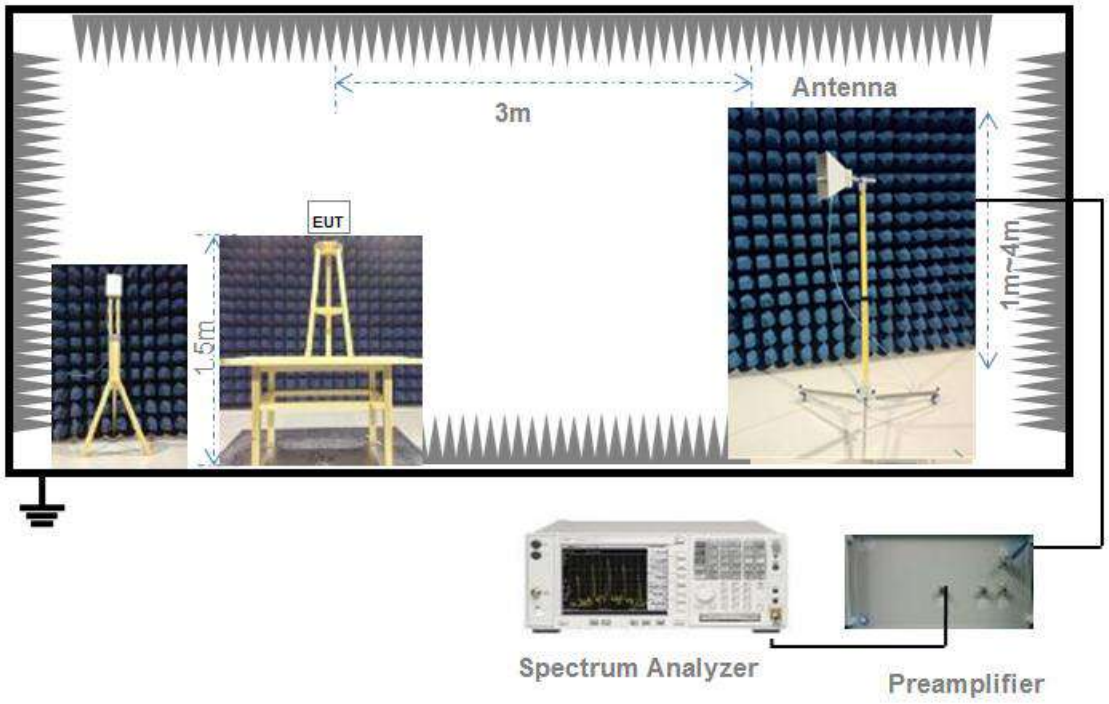
(Diagram 2)

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) & 27.50(j) & 27.50(k) & 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. For mobile and portable stations using time division duplexing (TDD) technology, the duty cycle must not exceed 38 percent in the 2305-2315 MHz and 2350-2360 MHz bands.

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

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

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

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

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

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

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

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

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) & 27.50(j) & 27.50(k)

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

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

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

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

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(l) & 27.53(m) & 27.53(n) & 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(l) (2)

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

FCC § 27.53(m) (4)

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

• 40+10logP dB (−10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.

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

• 55+10logP dB (−25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

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

FCC § 27.53(n) (2)

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

FCC § 90.691

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

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

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

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

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. Base Station 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(l) & 27.53(m) & 27.53(n) & 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(l) (2)

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

FCC § 27.53(m) (4)

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

• 40+10logP dB (−10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.

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

• 55+10logP dB (−25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

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

FCC § 27.53(n) (2)

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

FCC § 90.691

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

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

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

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

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. Base Station 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(l) & 27.53(m) & 27.53(n) & 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(l) (2)

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

FCC § 27.53(m) (4)

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

• 40+10logP dB (−10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.

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

• 55+10logP dB (−25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service

licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FCC § 27.53(n) (2)

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

FCC § 90.691

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

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

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

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

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	32.63	-3.7	-5.85	26.78	0.476	7.00	Pass
	MCH	32.62	-3.7	-5.85	26.77	0.475	7.00	Pass
	HCH	32.40	-3.7	-5.85	26.55	0.452	7.00	Pass
GPRS 850	LCH	32.62	-3.7	-5.85	26.77	0.475	7.00	Pass
	MCH	32.61	-3.7	-5.85	26.76	0.474	7.00	Pass
	HCH	32.39	-3.7	-5.85	26.54	0.451	7.00	Pass
EGPRS 850	LCH	30.29	-3.7	-5.85	24.44	0.278	7.00	Pass
	MCH	29.92	-3.7	-5.85	24.07	0.255	7.00	Pass
	HCH	29.76	-3.7	-5.85	23.91	0.246	7.00	Pass

Test Band	Test Channel	Conducted Output Peak Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
GSM 1900	LCH	29.47	-0.8	28.67	0.736	2.00	Pass
	MCH	29.46	-0.8	28.66	0.735	2.00	Pass
	HCH	29.53	-0.8	28.73	0.746	2.00	Pass
GPRS 1900	LCH	29.48	-0.8	28.68	0.738	2.00	Pass
	MCH	29.47	-0.8	28.67	0.736	2.00	Pass
	HCH	29.52	-0.8	28.72	0.745	2.00	Pass
EGPRS 1900	LCH	28.64	-0.8	27.84	0.608	2.00	Pass
	MCH	28.59	-0.8	27.79	0.601	2.00	Pass
	HCH	28.64	-0.8	27.84	0.608	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	32.62	1.828	30.19	1.044	28.24	0.667	27.13	0.516
	MCH	32.61	1.824	30.07	1.016	28.11	0.647	26.97	0.497
	HCH	32.39	1.734	29.84	0.963	27.82	0.606	26.66	0.463
GPRS 1900	LCH	29.48	0.887	27.05	0.506	24.51	0.282	22.85	0.193
	MCH	29.47	0.885	26.97	0.498	24.44	0.278	22.82	0.191
	HCH	29.52	0.895	27.06	0.508	24.56	0.286	22.91	0.195

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	30.29	1.069	27.14	0.518	25.50	0.355	24.50	0.282
	MCH	29.92	0.982	27.02	0.504	25.23	0.333	24.36	0.273
	HCH	29.76	0.946	26.67	0.464	24.97	0.314	24.02	0.252
EGPRS 1900	LCH	28.64	0.731	25.90	0.389	23.83	0.242	23.06	0.202
	MCH	28.59	0.723	25.96	0.394	23.93	0.247	22.96	0.198
	HCH	28.64	0.731	25.98	0.396	23.88	0.245	23.07	0.203

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	23.44	-0.8	22.64	0.184	2.00	Pass
	MCH	23.51	-0.8	22.71	0.187	2.00	Pass
	HCH	23.45	-0.8	22.65	0.184	2.00	Pass
HSDPA Band 2	LCH	22.60	-0.8	21.80	0.151	2.00	Pass
	MCH	22.59	-0.8	21.79	0.151	2.00	Pass
	HCH	22.57	-0.8	21.77	0.150	2.00	Pass
HSUPA Band 2	LCH	22.46	-0.8	21.66	0.147	2.00	Pass
	MCH	22.46	-0.8	21.66	0.147	2.00	Pass
	HCH	22.52	-0.8	21.72	0.149	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	23.47	-1.4	22.07	0.161	23.47	Pass
	MCH	23.56	-1.4	22.16	0.164	23.56	Pass
	HCH	23.40	-1.4	22.00	0.158	23.40	Pass
HSDPA Band 4	LCH	22.61	-1.4	21.21	0.132	22.61	Pass
	MCH	22.68	-1.4	21.28	0.134	22.68	Pass
	HCH	22.50	-1.4	21.10	0.129	22.50	Pass
HSUPA Band 4	LCH	22.39	-1.4	20.99	0.126	22.39	Pass
	MCH	22.37	-1.4	20.97	0.125	22.37	Pass
	HCH	22.31	-1.4	20.91	0.123	22.31	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	23.22	-3.7	-5.85	17.37	0.055	7.00	Pass
	MCH	23.16	-3.7	-5.85	17.31	0.054	7.00	Pass
	HCH	23.19	-3.7	-5.85	17.34	0.054	7.00	Pass
HSDPA Band 5	LCH	22.83	-3.7	-5.85	16.98	0.050	7.00	Pass
	MCH	22.78	-3.7	-5.85	16.93	0.049	7.00	Pass
	HCH	22.81	-3.7	-5.85	16.96	0.050	7.00	Pass
HSUPA Band 5	LCH	22.26	-3.7	-5.85	16.41	0.044	7.00	Pass
	MCH	22.26	-3.7	-5.85	16.41	0.044	7.00	Pass
	HCH	22.25	-3.7	-5.85	16.40	0.044	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	22.60	0.182	22.57	0.181	22.09	0.162	22.08	0.161
	MCH	22.59	0.182	22.58	0.181	22.09	0.162	22.08	0.161
	HCH	22.57	0.181	22.53	0.179	22.02	0.159	22.02	0.159
HSDPA Band 4	LCH	22.61	0.182	22.57	0.181	22.12	0.163	22.09	0.162
	MCH	22.68	0.185	22.63	0.183	22.20	0.166	22.15	0.164
	HCH	22.50	0.178	22.48	0.177	22.07	0.161	21.99	0.158
HSDPA Band 5	LCH	22.83	0.192	22.83	0.192	22.37	0.173	22.34	0.171
	MCH	22.78	0.190	22.77	0.189	22.30	0.170	22.27	0.169
	HCH	22.81	0.191	22.80	0.191	22.31	0.170	22.28	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	20.96	0.125	19.94	0.099	20.96	0.125	19.97	0.099	22.46	0.176
	MCH	20.96	0.125	19.94	0.099	20.97	0.125	19.96	0.099	22.46	0.176
	HCH	21.00	0.126	19.98	0.100	21.02	0.126	20.00	0.100	22.52	0.179
HSUPA Band 4	LCH	21.40	0.138	19.35	0.086	20.37	0.109	20.39	0.109	22.39	0.173
	MCH	21.34	0.136	19.33	0.086	20.35	0.108	20.36	0.109	22.37	0.173
	HCH	21.29	0.135	19.27	0.085	20.29	0.107	20.30	0.107	22.31	0.170
HSUPA Band 5	LCH	21.25	0.133	19.72	0.094	20.76	0.119	19.75	0.094	22.26	0.168
	MCH	21.26	0.134	19.74	0.094	20.77	0.119	19.76	0.095	22.26	0.168
	HCH	21.27	0.134	19.74	0.094	20.77	0.119	19.76	0.095	22.25	0.168

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	22.63	-0.8	21.83	0.152	2.00	Pass
			RB1#3	22.63	-0.8	21.83	0.152	2.00	Pass
			RB1#5	22.65	-0.8	21.85	0.153	2.00	Pass
			RB3#0	22.71	-0.8	21.91	0.155	2.00	Pass
			RB3#2	22.73	-0.8	21.93	0.156	2.00	Pass
			RB3#3	22.7	-0.8	21.90	0.155	2.00	Pass
			RB6#0	21.75	-0.8	20.95	0.124	2.00	Pass
		16-QAM	RB1#0	21.82	-0.8	21.02	0.126	2.00	Pass
			RB1#3	21.8	-0.8	21.00	0.126	2.00	Pass
			RB1#5	21.85	-0.8	21.05	0.127	2.00	Pass
			RB3#0	21.77	-0.8	20.97	0.125	2.00	Pass
			RB3#2	21.76	-0.8	20.96	0.125	2.00	Pass
			RB3#3	21.77	-0.8	20.97	0.125	2.00	Pass
			RB6#0	20.9	-0.8	20.10	0.102	2.00	Pass
	MCH	QPSK	RB1#0	22.65	-0.8	21.85	0.153	2.00	Pass
			RB1#3	22.66	-0.8	21.86	0.153	2.00	Pass
			RB1#5	22.66	-0.8	21.86	0.153	2.00	Pass
			RB3#0	22.68	-0.8	21.88	0.154	2.00	Pass
			RB3#2	22.71	-0.8	21.91	0.155	2.00	Pass
			RB3#3	22.69	-0.8	21.89	0.155	2.00	Pass
			RB6#0	21.71	-0.8	20.91	0.123	2.00	Pass
		16-QAM	RB1#0	22.13	-0.8	21.33	0.136	2.00	Pass
			RB1#3	22.09	-0.8	21.29	0.135	2.00	Pass
			RB1#5	22.12	-0.8	21.32	0.136	2.00	Pass
			RB3#0	21.91	-0.8	21.11	0.129	2.00	Pass
			RB3#2	21.89	-0.8	21.09	0.129	2.00	Pass
			RB3#3	21.9	-0.8	21.10	0.129	2.00	Pass
			RB6#0	20.61	-0.8	19.81	0.096	2.00	Pass
	HCH	QPSK	RB1#0	22.61	-0.8	21.81	0.152	2.00	Pass
			RB1#3	22.61	-0.8	21.81	0.152	2.00	Pass
			RB1#5	22.59	-0.8	21.79	0.151	2.00	Pass
			RB3#0	22.68	-0.8	21.88	0.154	2.00	Pass
			RB3#2	22.72	-0.8	21.92	0.156	2.00	Pass
			RB3#3	22.71	-0.8	21.91	0.155	2.00	Pass
			RB6#0	21.67	-0.8	20.87	0.122	2.00	Pass
		16-QAM	RB1#0	21.68	-0.8	20.88	0.122	2.00	Pass
			RB1#3	21.7	-0.8	20.90	0.123	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB1#5	21.71	-0.8	20.91	0.123	2.00	Pass
			RB3#0	21.83	-0.8	21.03	0.127	2.00	Pass
			RB3#2	21.83	-0.8	21.03	0.127	2.00	Pass
			RB3#3	21.85	-0.8	21.05	0.127	2.00	Pass
			RB6#0	20.86	-0.8	20.06	0.101	2.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.79	-0.8	21.99	0.158	2.00	Pass
			RB1#7	22.73	-0.8	21.93	0.156	2.00	Pass
			RB1#14	22.76	-0.8	21.96	0.157	2.00	Pass
			RB8#0	21.72	-0.8	20.92	0.124	2.00	Pass
			RB8#4	21.72	-0.8	20.92	0.124	2.00	Pass
			RB8#7	21.71	-0.8	20.91	0.123	2.00	Pass
			RB15#0	21.74	-0.8	20.94	0.124	2.00	Pass
		16-QAM	RB1#0	21.66	-0.8	20.86	0.122	2.00	Pass
			RB1#7	21.66	-0.8	20.86	0.122	2.00	Pass
			RB1#14	21.63	-0.8	20.83	0.121	2.00	Pass
			RB8#0	20.88	-0.8	20.08	0.102	2.00	Pass
			RB8#4	20.85	-0.8	20.05	0.101	2.00	Pass
			RB8#7	20.84	-0.8	20.04	0.101	2.00	Pass
			RB15#0	20.79	-0.8	19.99	0.100	2.00	Pass
	MCH	QPSK	RB1#0	22.7	-0.8	21.90	0.155	2.00	Pass
			RB1#7	22.72	-0.8	21.92	0.156	2.00	Pass
			RB1#14	22.7	-0.8	21.90	0.155	2.00	Pass
			RB8#0	21.73	-0.8	20.93	0.124	2.00	Pass
			RB8#4	21.72	-0.8	20.92	0.124	2.00	Pass
			RB8#7	21.75	-0.8	20.95	0.124	2.00	Pass
			RB15#0	21.7	-0.8	20.90	0.123	2.00	Pass
		16-QAM	RB1#0	22.14	-0.8	21.34	0.136	2.00	Pass
			RB1#7	22.12	-0.8	21.32	0.136	2.00	Pass
			RB1#14	22.14	-0.8	21.34	0.136	2.00	Pass
			RB8#0	20.83	-0.8	20.03	0.101	2.00	Pass
			RB8#4	20.81	-0.8	20.01	0.100	2.00	Pass
			RB8#7	20.83	-0.8	20.03	0.101	2.00	Pass
			RB15#0	20.76	-0.8	19.96	0.099	2.00	Pass
	HCH	QPSK	RB1#0	22.59	-0.8	21.79	0.151	2.00	Pass
			RB1#7	22.66	-0.8	21.86	0.153	2.00	Pass
			RB1#14	22.66	-0.8	21.86	0.153	2.00	Pass
			RB8#0	21.69	-0.8	20.89	0.123	2.00	Pass
			RB8#4	21.71	-0.8	20.91	0.123	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB8#7	21.69	-0.8	20.89	0.123	2.00	Pass
			RB15#0	21.67	-0.8	20.87	0.122	2.00	Pass
		16-QAM	RB1#0	21.67	-0.8	20.87	0.122	2.00	Pass
			RB1#7	21.68	-0.8	20.88	0.122	2.00	Pass
			RB1#14	21.7	-0.8	20.90	0.123	2.00	Pass
			RB8#0	20.77	-0.8	19.97	0.099	2.00	Pass
			RB8#4	20.75	-0.8	19.95	0.099	2.00	Pass
			RB8#7	20.72	-0.8	19.92	0.098	2.00	Pass
			RB15#0	20.67	-0.8	19.87	0.097	2.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.94	-0.8	22.14	0.164	2.00	Pass
			RB1#13	22.94	-0.8	22.14	0.164	2.00	Pass
			RB1#24	22.92	-0.8	22.12	0.163	2.00	Pass
			RB12#0	21.8	-0.8	21.00	0.126	2.00	Pass
			RB12#6	21.79	-0.8	20.99	0.126	2.00	Pass
			RB12#13	21.78	-0.8	20.98	0.125	2.00	Pass
			RB25#0	21.74	-0.8	20.94	0.124	2.00	Pass
		16-QAM	RB1#0	22.12	-0.8	21.32	0.136	2.00	Pass
			RB1#13	22.1	-0.8	21.30	0.135	2.00	Pass
			RB1#24	22.1	-0.8	21.30	0.135	2.00	Pass
			RB12#0	20.84	-0.8	20.04	0.101	2.00	Pass
			RB12#6	20.81	-0.8	20.01	0.100	2.00	Pass
			RB12#13	20.83	-0.8	20.03	0.101	2.00	Pass
			RB25#0	20.82	-0.8	20.02	0.100	2.00	Pass
	MCH	QPSK	RB1#0	22.76	-0.8	21.96	0.157	2.00	Pass
			RB1#13	22.78	-0.8	21.98	0.158	2.00	Pass
			RB1#24	22.8	-0.8	22.00	0.158	2.00	Pass
			RB12#0	21.78	-0.8	20.98	0.125	2.00	Pass
			RB12#6	21.75	-0.8	20.95	0.124	2.00	Pass
			RB12#13	21.73	-0.8	20.93	0.124	2.00	Pass
			RB25#0	21.83	-0.8	21.03	0.127	2.00	Pass
		16-QAM	RB1#0	22.35	-0.8	21.55	0.143	2.00	Pass
			RB1#13	22.36	-0.8	21.56	0.143	2.00	Pass
			RB1#24	22.35	-0.8	21.55	0.143	2.00	Pass
			RB12#0	20.89	-0.8	20.09	0.102	2.00	Pass
			RB12#6	20.87	-0.8	20.07	0.102	2.00	Pass
			RB12#13	20.87	-0.8	20.07	0.102	2.00	Pass
			RB25#0	20.86	-0.8	20.06	0.101	2.00	Pass
	HCH	QPSK	RB1#0	22.68	-0.8	21.88	0.154	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB1#13	22.7	-0.8	21.90	0.155	2.00	Pass
			RB1#24	22.73	-0.8	21.93	0.156	2.00	Pass
			RB12#0	21.75	-0.8	20.95	0.124	2.00	Pass
			RB12#6	21.71	-0.8	20.91	0.123	2.00	Pass
			RB12#13	21.66	-0.8	20.86	0.122	2.00	Pass
			RB25#0	21.71	-0.8	20.91	0.123	2.00	Pass
		16-QAM	RB1#0	21.76	-0.8	20.96	0.125	2.00	Pass
			RB1#13	21.77	-0.8	20.97	0.125	2.00	Pass
			RB1#24	21.77	-0.8	20.97	0.125	2.00	Pass
			RB12#0	20.89	-0.8	20.09	0.102	2.00	Pass
			RB12#6	20.79	-0.8	19.99	0.100	2.00	Pass
			RB12#13	20.71	-0.8	19.91	0.098	2.00	Pass
			RB25#0	20.7	-0.8	19.90	0.098	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.85	-0.8	22.05	0.160	2.00	Pass
			RB1#25	22.81	-0.8	22.01	0.159	2.00	Pass
			RB1#49	22.71	-0.8	21.91	0.155	2.00	Pass
			RB25#0	21.77	-0.8	20.97	0.125	2.00	Pass
			RB25#13	21.76	-0.8	20.96	0.125	2.00	Pass
			RB25#25	21.77	-0.8	20.97	0.125	2.00	Pass
			RB50#0	21.74	-0.8	20.94	0.124	2.00	Pass
		16-QAM	RB1#0	21.7	-0.8	20.90	0.123	2.00	Pass
			RB1#25	21.69	-0.8	20.89	0.123	2.00	Pass
			RB1#49	21.59	-0.8	20.79	0.120	2.00	Pass
			RB25#0	20.83	-0.8	20.03	0.101	2.00	Pass
			RB25#13	20.84	-0.8	20.04	0.101	2.00	Pass
			RB25#25	20.77	-0.8	19.97	0.099	2.00	Pass
			RB50#0	20.77	-0.8	19.97	0.099	2.00	Pass
	MCH	QPSK	RB1#0	22.7	-0.8	21.90	0.155	2.00	Pass
			RB1#25	22.74	-0.8	21.94	0.156	2.00	Pass
			RB1#49	22.77	-0.8	21.97	0.157	2.00	Pass
			RB25#0	21.74	-0.8	20.94	0.124	2.00	Pass
			RB25#13	21.8	-0.8	21.00	0.126	2.00	Pass
			RB25#25	21.76	-0.8	20.96	0.125	2.00	Pass
			RB50#0	21.79	-0.8	20.99	0.126	2.00	Pass
		16-QAM	RB1#0	22.09	-0.8	21.29	0.135	2.00	Pass
			RB1#25	22.14	-0.8	21.34	0.136	2.00	Pass
			RB1#49	22.12	-0.8	21.32	0.136	2.00	Pass
			RB25#0	20.82	-0.8	20.02	0.100	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB25#13	20.84	-0.8	20.04	0.101	2.00	Pass
			RB25#25	20.78	-0.8	19.98	0.100	2.00	Pass
			RB50#0	20.76	-0.8	19.96	0.099	2.00	Pass
	HCH	QPSK	RB1#0	22.68	-0.8	21.88	0.154	2.00	Pass
			RB1#25	22.64	-0.8	21.84	0.153	2.00	Pass
			RB1#49	22.63	-0.8	21.83	0.152	2.00	Pass
			RB25#0	21.82	-0.8	21.02	0.126	2.00	Pass
			RB25#13	21.71	-0.8	20.91	0.123	2.00	Pass
			RB25#25	21.61	-0.8	20.81	0.121	2.00	Pass
			RB50#0	21.71	-0.8	20.91	0.123	2.00	Pass
		16-QAM	RB1#0	21.66	-0.8	20.86	0.122	2.00	Pass
			RB1#25	21.64	-0.8	20.84	0.121	2.00	Pass
			RB1#49	21.64	-0.8	20.84	0.121	2.00	Pass
			RB25#0	20.95	-0.8	20.15	0.104	2.00	Pass
			RB25#13	20.8	-0.8	20.00	0.100	2.00	Pass
			RB25#25	20.7	-0.8	19.90	0.098	2.00	Pass
			RB50#0	20.73	-0.8	19.93	0.098	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.79	-0.8	21.99	0.158	2.00	Pass
			RB1#38	22.78	-0.8	21.98	0.158	2.00	Pass
			RB1#74	22.58	-0.8	21.78	0.151	2.00	Pass
			RB36#0	21.74	-0.8	20.94	0.124	2.00	Pass
			RB36#19	21.75	-0.8	20.95	0.124	2.00	Pass
			RB36#39	21.64	-0.8	20.84	0.121	2.00	Pass
			RB75#0	21.76	-0.8	20.96	0.125	2.00	Pass
		16-QAM	RB1#0	21.72	-0.8	20.92	0.124	2.00	Pass
			RB1#38	21.7	-0.8	20.90	0.123	2.00	Pass
			RB1#74	21.51	-0.8	20.71	0.118	2.00	Pass
			RB36#0	20.76	-0.8	19.96	0.099	2.00	Pass
			RB36#19	20.76	-0.8	19.96	0.099	2.00	Pass
			RB36#39	20.7	-0.8	19.90	0.098	2.00	Pass
			RB75#0	20.79	-0.8	19.99	0.100	2.00	Pass
	MCH	QPSK	RB1#0	22.67	-0.8	21.87	0.154	2.00	Pass
			RB1#38	22.76	-0.8	21.96	0.157	2.00	Pass
			RB1#74	22.7	-0.8	21.90	0.155	2.00	Pass
			RB36#0	21.73	-0.8	20.93	0.124	2.00	Pass
			RB36#19	21.73	-0.8	20.93	0.124	2.00	Pass
			RB36#39	21.75	-0.8	20.95	0.124	2.00	Pass
			RB75#0	21.77	-0.8	20.97	0.125	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB1#0	22.08	-0.8	21.28	0.134	2.00	Pass
			RB1#38	22.14	-0.8	21.34	0.136	2.00	Pass
			RB1#74	22.11	-0.8	21.31	0.135	2.00	Pass
		16-QAM	RB36#0	20.81	-0.8	20.01	0.100	2.00	Pass
			RB36#19	20.83	-0.8	20.03	0.101	2.00	Pass
			RB36#39	20.82	-0.8	20.02	0.100	2.00	Pass
			RB75#0	20.77	-0.8	19.97	0.099	2.00	Pass
			RB1#0	22.64	-0.8	21.84	0.153	2.00	Pass
			RB1#38	22.62	-0.8	21.82	0.152	2.00	Pass
			RB1#74	22.52	-0.8	21.72	0.149	2.00	Pass
		QPSK	RB36#0	21.77	-0.8	20.97	0.125	2.00	Pass
			RB36#19	21.73	-0.8	20.93	0.124	2.00	Pass
			RB36#39	21.6	-0.8	20.80	0.120	2.00	Pass
	HCH		RB75#0	21.68	-0.8	20.88	0.122	2.00	Pass
			RB1#0	22.1	-0.8	21.30	0.135	2.00	Pass
			RB1#38	22.03	-0.8	21.23	0.133	2.00	Pass
			RB1#74	22.03	-0.8	21.23	0.133	2.00	Pass
		16-QAM	RB36#0	20.76	-0.8	19.96	0.099	2.00	Pass
			RB36#19	20.71	-0.8	19.91	0.098	2.00	Pass
			RB36#39	20.61	-0.8	19.81	0.096	2.00	Pass
			RB75#0	20.66	-0.8	19.86	0.097	2.00	Pass
			RB1#0	22.67	-0.8	21.87	0.154	2.00	Pass
			RB1#50	22.7	-0.8	21.90	0.155	2.00	Pass
			RB1#99	22.46	-0.8	21.66	0.147	2.00	Pass
		QPSK	RB50#0	21.8	-0.8	21.00	0.126	2.00	Pass
			RB50#25	21.78	-0.8	20.98	0.125	2.00	Pass
			RB50#50	21.73	-0.8	20.93	0.124	2.00	Pass
	LCH		RB100#0	21.78	-0.8	20.98	0.125	2.00	Pass
			RB1#0	22.37	-0.8	21.57	0.144	2.00	Pass
			RB1#50	22.33	-0.8	21.53	0.142	2.00	Pass
			RB1#99	22.12	-0.8	21.32	0.136	2.00	Pass
20 MHz		16-QAM	RB50#0	20.84	-0.8	20.04	0.101	2.00	Pass
			RB50#25	20.82	-0.8	20.02	0.100	2.00	Pass
			RB50#50	20.75	-0.8	19.95	0.099	2.00	Pass
			RB100#0	20.77	-0.8	19.97	0.099	2.00	Pass
			RB1#0	22.68	-0.8	21.88	0.154	2.00	Pass
	MCH	QPSK	RB1#50	22.76	-0.8	21.96	0.157	2.00	Pass
			RB1#99	22.74	-0.8	21.94	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									
			RB50#0	21.79	-0.8	20.99	0.126	2.00	Pass
			RB50#25	21.79	-0.8	20.99	0.126	2.00	Pass
			RB50#50	21.8	-0.8	21.00	0.126	2.00	Pass
			RB100#0	21.78	-0.8	20.98	0.125	2.00	Pass
		16-QAM	RB1#0	22.1	-0.8	21.30	0.135	2.00	Pass
			RB1#50	22.17	-0.8	21.37	0.137	2.00	Pass
			RB1#99	22.15	-0.8	21.35	0.136	2.00	Pass
			RB50#0	20.8	-0.8	20.00	0.100	2.00	Pass
			RB50#25	20.81	-0.8	20.01	0.100	2.00	Pass
			RB50#50	20.74	-0.8	19.94	0.099	2.00	Pass
			RB100#0	20.75	-0.8	19.95	0.099	2.00	Pass
	HCH	QPSK	RB1#0	22.67	-0.8	21.87	0.154	2.00	Pass
			RB1#50	22.68	-0.8	21.88	0.154	2.00	Pass
			RB1#99	22.52	-0.8	21.72	0.149	2.00	Pass
			RB50#0	21.79	-0.8	20.99	0.126	2.00	Pass
			RB50#25	21.79	-0.8	20.99	0.126	2.00	Pass
			RB50#50	21.53	-0.8	20.73	0.118	2.00	Pass
			RB100#0	21.69	-0.8	20.89	0.123	2.00	Pass
		16-QAM	RB1#0	22.13	-0.8	21.33	0.136	2.00	Pass
			RB1#50	22.17	-0.8	21.37	0.137	2.00	Pass
			RB1#99	21.98	-0.8	21.18	0.131	2.00	Pass
			RB50#0	20.76	-0.8	19.96	0.099	2.00	Pass
			RB50#25	20.75	-0.8	19.95	0.099	2.00	Pass
			RB50#50	20.48	-0.8	19.68	0.093	2.00	Pass
			RB100#0	20.69	-0.8	19.89	0.097	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	22.98	-1.4	21.58	0.144	1.00	Pass
			RB1#3	22.94	-1.4	21.54	0.143	1.00	Pass
			RB1#5	22.96	-1.4	21.56	0.143	1.00	Pass
			RB3#0	23.01	-1.4	21.61	0.145	1.00	Pass
			RB3#2	23.02	-1.4	21.62	0.145	1.00	Pass
			RB3#3	23.01	-1.4	21.61	0.145	1.00	Pass
			RB6#0	22.01	-1.4	20.61	0.115	1.00	Pass
		16-QAM	RB1#0	22.16	-1.4	20.76	0.119	1.00	Pass
			RB1#3	22.12	-1.4	20.72	0.118	1.00	Pass
			RB1#5	22.11	-1.4	20.71	0.118	1.00	Pass
			RB3#0	22.06	-1.4	20.66	0.116	1.00	Pass
			RB3#2	22.03	-1.4	20.63	0.116	1.00	Pass
			RB3#3	22.06	-1.4	20.66	0.116	1.00	Pass
			RB6#0	21.09	-1.4	19.69	0.093	1.00	Pass
	MCH	QPSK	RB1#0	23.07	-1.4	21.67	0.147	1.00	Pass
			RB1#3	23.04	-1.4	21.64	0.146	1.00	Pass
			RB1#5	23.06	-1.4	21.66	0.147	1.00	Pass
			RB3#0	23.07	-1.4	21.67	0.147	1.00	Pass
			RB3#2	23.06	-1.4	21.66	0.147	1.00	Pass
			RB3#3	23.02	-1.4	21.62	0.145	1.00	Pass
			RB6#0	22.05	-1.4	20.65	0.116	1.00	Pass
		16-QAM	RB1#0	22.49	-1.4	21.09	0.129	1.00	Pass
			RB1#3	22.43	-1.4	21.03	0.127	1.00	Pass
			RB1#5	22.47	-1.4	21.07	0.128	1.00	Pass
			RB3#0	22.28	-1.4	20.88	0.122	1.00	Pass
			RB3#2	22.23	-1.4	20.83	0.121	1.00	Pass
			RB3#3	22.23	-1.4	20.83	0.121	1.00	Pass
			RB6#0	20.98	-1.4	19.58	0.091	1.00	Pass
	HCH	QPSK	RB1#0	23.02	-1.4	21.62	0.145	1.00	Pass
			RB1#3	23.01	-1.4	21.61	0.145	1.00	Pass
			RB1#5	23	-1.4	21.60	0.145	1.00	Pass
			RB3#0	23.07	-1.4	21.67	0.147	1.00	Pass
			RB3#2	23.09	-1.4	21.69	0.148	1.00	Pass
			RB3#3	23.05	-1.4	21.65	0.146	1.00	Pass
			RB6#0	22.02	-1.4	20.62	0.115	1.00	Pass
		16-QAM	RB1#0	22.07	-1.4	20.67	0.117	1.00	Pass
			RB1#3	22.07	-1.4	20.67	0.117	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#5	22.1	-1.4	20.70	0.117	1.00	Pass
			RB3#0	22.21	-1.4	20.81	0.121	1.00	Pass
			RB3#2	22.2	-1.4	20.80	0.120	1.00	Pass
			RB3#3	22.21	-1.4	20.81	0.121	1.00	Pass
			RB6#0	21.19	-1.4	19.79	0.095	1.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.07	-1.4	21.67	0.147	1.00	Pass
			RB1#7	23	-1.4	21.60	0.145	1.00	Pass
			RB1#14	22.98	-1.4	21.58	0.144	1.00	Pass
			RB8#0	22.01	-1.4	20.61	0.115	1.00	Pass
			RB8#4	21.97	-1.4	20.57	0.114	1.00	Pass
			RB8#7	21.97	-1.4	20.57	0.114	1.00	Pass
			RB15#0	21.99	-1.4	20.59	0.115	1.00	Pass
		16-QAM	RB1#0	22	-1.4	20.60	0.115	1.00	Pass
			RB1#7	21.97	-1.4	20.57	0.114	1.00	Pass
			RB1#14	21.92	-1.4	20.52	0.113	1.00	Pass
			RB8#0	21.1	-1.4	19.70	0.093	1.00	Pass
			RB8#4	21.09	-1.4	19.69	0.093	1.00	Pass
			RB8#7	21.06	-1.4	19.66	0.092	1.00	Pass
			RB15#0	21.02	-1.4	19.62	0.092	1.00	Pass
	MCH	QPSK	RB1#0	23.09	-1.4	21.69	0.148	1.00	Pass
			RB1#7	23.06	-1.4	21.66	0.147	1.00	Pass
			RB1#14	23.05	-1.4	21.65	0.146	1.00	Pass
			RB8#0	22.08	-1.4	20.68	0.117	1.00	Pass
			RB8#4	22.02	-1.4	20.62	0.115	1.00	Pass
			RB8#7	22.03	-1.4	20.63	0.116	1.00	Pass
			RB15#0	22.02	-1.4	20.62	0.115	1.00	Pass
		16-QAM	RB1#0	22.46	-1.4	21.06	0.128	1.00	Pass
			RB1#7	22.46	-1.4	21.06	0.128	1.00	Pass
			RB1#14	22.44	-1.4	21.04	0.127	1.00	Pass
			RB8#0	21.16	-1.4	19.76	0.095	1.00	Pass
			RB8#4	21.11	-1.4	19.71	0.094	1.00	Pass
			RB8#7	21.09	-1.4	19.69	0.093	1.00	Pass
			RB15#0	21.06	-1.4	19.66	0.092	1.00	Pass
	HCH	QPSK	RB1#0	23	-1.4	21.60	0.145	1.00	Pass
			RB1#7	23.03	-1.4	21.63	0.146	1.00	Pass
			RB1#14	23.01	-1.4	21.61	0.145	1.00	Pass
			RB8#0	22.05	-1.4	20.65	0.116	1.00	Pass
			RB8#4	22.03	-1.4	20.63	0.116	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									
			RB8#7	22.02	-1.4	20.62	0.115	1.00	Pass
			RB15#0	22.02	-1.4	20.62	0.115	1.00	Pass
		16-QAM	RB1#0	22.03	-1.4	20.63	0.116	1.00	Pass
			RB1#7	22.05	-1.4	20.65	0.116	1.00	Pass
			RB1#14	22.06	-1.4	20.66	0.116	1.00	Pass
			RB8#0	21.08	-1.4	19.68	0.093	1.00	Pass
			RB8#4	21.08	-1.4	19.68	0.093	1.00	Pass
			RB8#7	21.04	-1.4	19.64	0.092	1.00	Pass
			RB15#0	21.01	-1.4	19.61	0.091	1.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.13	-1.4	21.73	0.149	1.00	Pass
			RB1#13	23.14	-1.4	21.74	0.149	1.00	Pass
			RB1#24	23.1	-1.4	21.70	0.148	1.00	Pass
			RB12#0	21.99	-1.4	20.59	0.115	1.00	Pass
			RB12#6	22.02	-1.4	20.62	0.115	1.00	Pass
			RB12#13	22.01	-1.4	20.61	0.115	1.00	Pass
			RB25#0	22	-1.4	20.60	0.115	1.00	Pass
		16-QAM	RB1#0	22.25	-1.4	20.85	0.122	1.00	Pass
			RB1#13	22.26	-1.4	20.86	0.122	1.00	Pass
			RB1#24	22.26	-1.4	20.86	0.122	1.00	Pass
			RB12#0	21.07	-1.4	19.67	0.093	1.00	Pass
			RB12#6	21.08	-1.4	19.68	0.093	1.00	Pass
			RB12#13	21.05	-1.4	19.65	0.092	1.00	Pass
			RB25#0	21.03	-1.4	19.63	0.092	1.00	Pass
	MCH	QPSK	RB1#0	23.19	-1.4	21.79	0.151	1.00	Pass
			RB1#13	23.1	-1.4	21.70	0.148	1.00	Pass
			RB1#24	23.1	-1.4	21.70	0.148	1.00	Pass
			RB12#0	22.15	-1.4	20.75	0.119	1.00	Pass
			RB12#6	22.06	-1.4	20.66	0.116	1.00	Pass
			RB12#13	22.04	-1.4	20.64	0.116	1.00	Pass
			RB25#0	22.1	-1.4	20.70	0.117	1.00	Pass
		16-QAM	RB1#0	22.66	-1.4	21.26	0.134	1.00	Pass
			RB1#13	22.6	-1.4	21.20	0.132	1.00	Pass
			RB1#24	22.63	-1.4	21.23	0.133	1.00	Pass
			RB12#0	21.26	-1.4	19.86	0.097	1.00	Pass
			RB12#6	21.18	-1.4	19.78	0.095	1.00	Pass
			RB12#13	21.16	-1.4	19.76	0.095	1.00	Pass
			RB25#0	21.18	-1.4	19.78	0.095	1.00	Pass
	HCH	QPSK	RB1#0	23.11	-1.4	21.71	0.148	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#13	23.04	-1.4	21.64	0.146	1.00	Pass
			RB1#24	23.06	-1.4	21.66	0.147	1.00	Pass
			RB12#0	22.09	-1.4	20.69	0.117	1.00	Pass
			RB12#6	22.04	-1.4	20.64	0.116	1.00	Pass
			RB12#13	22.03	-1.4	20.63	0.116	1.00	Pass
			RB25#0	22.06	-1.4	20.66	0.116	1.00	Pass
		16-QAM	RB1#0	22.16	-1.4	20.76	0.119	1.00	Pass
			RB1#13	22.09	-1.4	20.69	0.117	1.00	Pass
			RB1#24	22.19	-1.4	20.79	0.120	1.00	Pass
			RB12#0	21.12	-1.4	19.72	0.094	1.00	Pass
			RB12#6	21.1	-1.4	19.70	0.093	1.00	Pass
			RB12#13	21.03	-1.4	19.63	0.092	1.00	Pass
			RB25#0	21.04	-1.4	19.64	0.092	1.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.02	-1.4	21.62	0.145	1.00	Pass
			RB1#25	23.03	-1.4	21.63	0.146	1.00	Pass
			RB1#49	22.99	-1.4	21.59	0.144	1.00	Pass
			RB25#0	21.99	-1.4	20.59	0.115	1.00	Pass
			RB25#13	22.01	-1.4	20.61	0.115	1.00	Pass
			RB25#25	22.01	-1.4	20.61	0.115	1.00	Pass
			RB50#0	22.06	-1.4	20.66	0.116	1.00	Pass
		16-QAM	RB1#0	22.01	-1.4	20.61	0.115	1.00	Pass
			RB1#25	21.99	-1.4	20.59	0.115	1.00	Pass
			RB1#49	21.9	-1.4	20.50	0.112	1.00	Pass
			RB25#0	21.03	-1.4	19.63	0.092	1.00	Pass
			RB25#13	21.02	-1.4	19.62	0.092	1.00	Pass
			RB25#25	21.05	-1.4	19.65	0.092	1.00	Pass
			RB50#0	21.02	-1.4	19.62	0.092	1.00	Pass
	MCH	QPSK	RB1#0	23.15	-1.4	21.75	0.150	1.00	Pass
			RB1#25	23.09	-1.4	21.69	0.148	1.00	Pass
			RB1#49	23.03	-1.4	21.63	0.146	1.00	Pass
			RB25#0	22.15	-1.4	20.75	0.119	1.00	Pass
			RB25#13	22.08	-1.4	20.68	0.117	1.00	Pass
			RB25#25	22.08	-1.4	20.68	0.117	1.00	Pass
			RB50#0	22.15	-1.4	20.75	0.119	1.00	Pass
		16-QAM	RB1#0	22.51	-1.4	21.11	0.129	1.00	Pass
			RB1#25	22.46	-1.4	21.06	0.128	1.00	Pass
			RB1#49	22.38	-1.4	20.98	0.125	1.00	Pass
			RB25#0	21.2	-1.4	19.80	0.095	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#13	21.13	-1.4	19.73	0.094	1.00	Pass
			RB25#25	21.13	-1.4	19.73	0.094	1.00	Pass
			RB50#0	21.14	-1.4	19.74	0.094	1.00	Pass
	HCH	QPSK	RB1#0	22.98	-1.4	21.58	0.144	1.00	Pass
			RB1#25	23.01	-1.4	21.61	0.145	1.00	Pass
			RB1#49	22.94	-1.4	21.54	0.143	1.00	Pass
			RB25#0	21.98	-1.4	20.58	0.114	1.00	Pass
			RB25#13	22.01	-1.4	20.61	0.115	1.00	Pass
			RB25#25	21.98	-1.4	20.58	0.114	1.00	Pass
			RB50#0	22	-1.4	20.60	0.115	1.00	Pass
		16-QAM	RB1#0	22.05	-1.4	20.65	0.116	1.00	Pass
			RB1#25	22.03	-1.4	20.63	0.116	1.00	Pass
			RB1#49	21.98	-1.4	20.58	0.114	1.00	Pass
			RB25#0	21.07	-1.4	19.67	0.093	1.00	Pass
			RB25#13	21.09	-1.4	19.69	0.093	1.00	Pass
			RB25#25	21.03	-1.4	19.63	0.092	1.00	Pass
			RB50#0	20.98	-1.4	19.58	0.091	1.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.99	-1.4	21.59	0.144	1.00	Pass
			RB1#38	22.95	-1.4	21.55	0.143	1.00	Pass
			RB1#74	22.92	-1.4	21.52	0.142	1.00	Pass
			RB36#0	21.98	-1.4	20.58	0.114	1.00	Pass
			RB36#19	21.96	-1.4	20.56	0.114	1.00	Pass
			RB36#39	21.94	-1.4	20.54	0.113	1.00	Pass
			RB75#0	21.94	-1.4	20.54	0.113	1.00	Pass
		16-QAM	RB1#0	21.98	-1.4	20.58	0.114	1.00	Pass
			RB1#38	21.95	-1.4	20.55	0.114	1.00	Pass
			RB1#74	21.89	-1.4	20.49	0.112	1.00	Pass
			RB36#0	20.99	-1.4	19.59	0.091	1.00	Pass
			RB36#19	20.96	-1.4	19.56	0.090	1.00	Pass
			RB36#39	20.94	-1.4	19.54	0.090	1.00	Pass
			RB75#0	20.95	-1.4	19.55	0.090	1.00	Pass
	MCH	QPSK	RB1#0	23.14	-1.4	21.74	0.149	1.00	Pass
			RB1#38	23.11	-1.4	21.71	0.148	1.00	Pass
			RB1#74	22.94	-1.4	21.54	0.143	1.00	Pass
			RB36#0	22.05	-1.4	20.65	0.116	1.00	Pass
			RB36#19	22.09	-1.4	20.69	0.117	1.00	Pass
			RB36#39	22.03	-1.4	20.63	0.116	1.00	Pass
			RB75#0	22.13	-1.4	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 BAND4									
			RB1#0	22.53	-1.4	21.13	0.130	1.00	Pass
			RB1#38	22.49	-1.4	21.09	0.129	1.00	Pass
			RB1#74	22.29	-1.4	20.89	0.123	1.00	Pass
		16-QAM	RB36#0	21.15	-1.4	19.75	0.094	1.00	Pass
			RB36#19	21.14	-1.4	19.74	0.094	1.00	Pass
			RB36#39	21.1	-1.4	19.70	0.093	1.00	Pass
			RB75#0	21.14	-1.4	19.74	0.094	1.00	Pass
	HCH		RB1#0	23.03	-1.4	21.63	0.146	1.00	Pass
			RB1#38	23	-1.4	21.60	0.145	1.00	Pass
			RB1#74	22.89	-1.4	21.49	0.141	1.00	Pass
		QPSK	RB36#0	21.95	-1.4	20.55	0.114	1.00	Pass
			RB36#19	21.97	-1.4	20.57	0.114	1.00	Pass
			RB36#39	21.94	-1.4	20.54	0.113	1.00	Pass
			RB75#0	21.99	-1.4	20.59	0.115	1.00	Pass
			RB1#0	22.49	-1.4	21.09	0.129	1.00	Pass
			RB1#38	22.46	-1.4	21.06	0.128	1.00	Pass
			RB1#74	22.35	-1.4	20.95	0.124	1.00	Pass
		16-QAM	RB36#0	20.93	-1.4	19.53	0.090	1.00	Pass
			RB36#19	20.96	-1.4	19.56	0.090	1.00	Pass
			RB36#39	20.94	-1.4	19.54	0.090	1.00	Pass
			RB75#0	20.96	-1.4	19.56	0.090	1.00	Pass
20 MHz	LCH		RB1#0	23.01	-1.4	21.61	0.145	1.00	Pass
			RB1#50	23.05	-1.4	21.65	0.146	1.00	Pass
			RB1#99	22.99	-1.4	21.59	0.144	1.00	Pass
		QPSK	RB50#0	22	-1.4	20.60	0.115	1.00	Pass
			RB50#25	22.07	-1.4	20.67	0.117	1.00	Pass
			RB50#50	21.95	-1.4	20.55	0.114	1.00	Pass
			RB100#0	21.96	-1.4	20.56	0.114	1.00	Pass
			RB1#0	22.51	-1.4	21.11	0.129	1.00	Pass
			RB1#50	22.54	-1.4	21.14	0.130	1.00	Pass
			RB1#99	22.48	-1.4	21.08	0.128	1.00	Pass
		16-QAM	RB50#0	21	-1.4	19.60	0.091	1.00	Pass
			RB50#25	21.05	-1.4	19.65	0.092	1.00	Pass
			RB50#50	20.97	-1.4	19.57	0.091	1.00	Pass
			RB100#0	20.98	-1.4	19.58	0.091	1.00	Pass
	MCH		RB1#0	23.09	-1.4	21.69	0.148	1.00	Pass
		QPSK	RB1#50	23.17	-1.4	21.77	0.150	1.00	Pass
			RB1#99	22.93	-1.4	21.53	0.142	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									
			RB50#0	22.21	-1.4	20.81	0.121	1.00	Pass
			RB50#25	22.16	-1.4	20.76	0.119	1.00	Pass
			RB50#50	22.06	-1.4	20.66	0.116	1.00	Pass
			RB100#0	22.09	-1.4	20.69	0.117	1.00	Pass
		16-QAM	RB1#0	22.55	-1.4	21.15	0.130	1.00	Pass
			RB1#50	22.63	-1.4	21.23	0.133	1.00	Pass
			RB1#99	22.38	-1.4	20.98	0.125	1.00	Pass
			RB50#0	21.18	-1.4	19.78	0.095	1.00	Pass
			RB50#25	21.13	-1.4	19.73	0.094	1.00	Pass
			RB50#50	21.03	-1.4	19.63	0.092	1.00	Pass
			RB100#0	21.08	-1.4	19.68	0.093	1.00	Pass
	HCH	QPSK	RB1#0	23.04	-1.4	21.64	0.146	1.00	Pass
			RB1#50	22.99	-1.4	21.59	0.144	1.00	Pass
			RB1#99	22.86	-1.4	21.46	0.140	1.00	Pass
			RB50#0	22.04	-1.4	20.64	0.116	1.00	Pass
			RB50#25	22.04	-1.4	20.64	0.116	1.00	Pass
			RB50#50	21.99	-1.4	20.59	0.115	1.00	Pass
			RB100#0	21.99	-1.4	20.59	0.115	1.00	Pass
		16-QAM	RB1#0	22.46	-1.4	21.06	0.128	1.00	Pass
			RB1#50	22.43	-1.4	21.03	0.127	1.00	Pass
			RB1#99	22.28	-1.4	20.88	0.122	1.00	Pass
			RB50#0	20.98	-1.4	19.58	0.091	1.00	Pass
			RB50#25	21	-1.4	19.60	0.091	1.00	Pass
			RB50#50	20.94	-1.4	19.54	0.090	1.00	Pass
			RB100#0	20.97	-1.4	19.57	0.091	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	23.66	-3.7	-5.85	17.81	0.060	7.00	Pass
			RB1#3	23.65	-3.7	-5.85	17.80	0.060	7.00	Pass
			RB1#5	23.67	-3.7	-5.85	17.82	0.061	7.00	Pass
			RB3#0	23.75	-3.7	-5.85	17.90	0.062	7.00	Pass
			RB3#2	23.74	-3.7	-5.85	17.89	0.062	7.00	Pass
			RB3#3	23.71	-3.7	-5.85	17.86	0.061	7.00	Pass
			RB6#0	22.67	-3.7	-5.85	16.82	0.048	7.00	Pass
		16-QAM	RB1#0	22.85	-3.7	-5.85	17.00	0.050	7.00	Pass
			RB1#3	22.84	-3.7	-5.85	16.99	0.050	7.00	Pass
			RB1#5	22.85	-3.7	-5.85	17.00	0.050	7.00	Pass
			RB3#0	22.73	-3.7	-5.85	16.88	0.049	7.00	Pass
			RB3#2	22.76	-3.7	-5.85	16.91	0.049	7.00	Pass
			RB3#3	22.75	-3.7	-5.85	16.90	0.049	7.00	Pass
			RB6#0	21.82	-3.7	-5.85	15.97	0.040	7.00	Pass
	MCH	QPSK	RB1#0	23.64	-3.7	-5.85	17.79	0.060	7.00	Pass
			RB1#3	23.61	-3.7	-5.85	17.76	0.060	7.00	Pass
			RB1#5	23.6	-3.7	-5.85	17.75	0.060	7.00	Pass
			RB3#0	23.61	-3.7	-5.85	17.76	0.060	7.00	Pass
			RB3#2	23.63	-3.7	-5.85	17.78	0.060	7.00	Pass
			RB3#3	23.62	-3.7	-5.85	17.77	0.060	7.00	Pass
			RB6#0	22.61	-3.7	-5.85	16.76	0.047	7.00	Pass
		16-QAM	RB1#0	23.04	-3.7	-5.85	17.19	0.052	7.00	Pass
			RB1#3	23.01	-3.7	-5.85	17.16	0.052	7.00	Pass
			RB1#5	23.01	-3.7	-5.85	17.16	0.052	7.00	Pass
			RB3#0	22.82	-3.7	-5.85	16.97	0.050	7.00	Pass
			RB3#2	22.79	-3.7	-5.85	16.94	0.049	7.00	Pass
			RB3#3	22.8	-3.7	-5.85	16.95	0.050	7.00	Pass
			RB6#0	21.55	-3.7	-5.85	15.70	0.037	7.00	Pass
	HCH	QPSK	RB1#0	23.6	-3.7	-5.85	17.75	0.060	7.00	Pass
			RB1#3	23.63	-3.7	-5.85	17.78	0.060	7.00	Pass
			RB1#5	23.62	-3.7	-5.85	17.77	0.060	7.00	Pass
			RB3#0	23.72	-3.7	-5.85	17.87	0.061	7.00	Pass
			RB3#2	23.75	-3.7	-5.85	17.90	0.062	7.00	Pass
			RB3#3	23.71	-3.7	-5.85	17.86	0.061	7.00	Pass
			RB6#0	22.7	-3.7	-5.85	16.85	0.048	7.00	Pass
		16-QAM	RB1#0	22.64	-3.7	-5.85	16.79	0.048	7.00	Pass
			RB1#3	22.66	-3.7	-5.85	16.81	0.048	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB1#5	22.69	-3.7	-5.85	16.84	0.048	7.00	Pass
			RB3#0	22.82	-3.7	-5.85	16.97	0.050	7.00	Pass
			RB3#2	22.81	-3.7	-5.85	16.96	0.050	7.00	Pass
			RB3#3	22.8	-3.7	-5.85	16.95	0.050	7.00	Pass
			RB6#0	21.81	-3.7	-5.85	15.96	0.039	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.72	-3.7	-5.85	17.87	0.061	7.00	Pass
			RB1#7	23.68	-3.7	-5.85	17.83	0.061	7.00	Pass
			RB1#14	23.68	-3.7	-5.85	17.83	0.061	7.00	Pass
			RB8#0	22.71	-3.7	-5.85	16.86	0.049	7.00	Pass
			RB8#4	22.72	-3.7	-5.85	16.87	0.049	7.00	Pass
			RB8#7	22.67	-3.7	-5.85	16.82	0.048	7.00	Pass
			RB15#0	22.69	-3.7	-5.85	16.84	0.048	7.00	Pass
		16-QAM	RB1#0	22.63	-3.7	-5.85	16.78	0.048	7.00	Pass
			RB1#7	22.6	-3.7	-5.85	16.75	0.047	7.00	Pass
			RB1#14	22.61	-3.7	-5.85	16.76	0.047	7.00	Pass
			RB8#0	21.8	-3.7	-5.85	15.95	0.039	7.00	Pass
			RB8#4	21.8	-3.7	-5.85	15.95	0.039	7.00	Pass
			RB8#7	21.8	-3.7	-5.85	15.95	0.039	7.00	Pass
			RB15#0	21.7	-3.7	-5.85	15.85	0.038	7.00	Pass
	MCH	QPSK	RB1#0	23.55	-3.7	-5.85	17.70	0.059	7.00	Pass
			RB1#7	23.58	-3.7	-5.85	17.73	0.059	7.00	Pass
			RB1#14	23.56	-3.7	-5.85	17.71	0.059	7.00	Pass
			RB8#0	22.56	-3.7	-5.85	16.71	0.047	7.00	Pass
			RB8#4	22.65	-3.7	-5.85	16.80	0.048	7.00	Pass
			RB8#7	22.61	-3.7	-5.85	16.76	0.047	7.00	Pass
			RB15#0	22.64	-3.7	-5.85	16.79	0.048	7.00	Pass
		16-QAM	RB1#0	22.97	-3.7	-5.85	17.12	0.052	7.00	Pass
			RB1#7	23	-3.7	-5.85	17.15	0.052	7.00	Pass
			RB1#14	22.98	-3.7	-5.85	17.13	0.052	7.00	Pass
			RB8#0	21.66	-3.7	-5.85	15.81	0.038	7.00	Pass
			RB8#4	21.74	-3.7	-5.85	15.89	0.039	7.00	Pass
			RB8#7	21.69	-3.7	-5.85	15.84	0.038	7.00	Pass
			RB15#0	21.64	-3.7	-5.85	15.79	0.038	7.00	Pass
	HCH	QPSK	RB1#0	23.63	-3.7	-5.85	17.78	0.060	7.00	Pass
			RB1#7	23.59	-3.7	-5.85	17.74	0.059	7.00	Pass
			RB1#14	23.62	-3.7	-5.85	17.77	0.060	7.00	Pass
			RB8#0	22.69	-3.7	-5.85	16.84	0.048	7.00	Pass
			RB8#4	22.67	-3.7	-5.85	16.82	0.048	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB8#7	22.67	-3.7	-5.85	16.82	0.048	7.00	Pass
			RB15#0	22.68	-3.7	-5.85	16.83	0.048	7.00	Pass
		16-QAM	RB1#0	22.69	-3.7	-5.85	16.84	0.048	7.00	Pass
			RB1#7	22.62	-3.7	-5.85	16.77	0.048	7.00	Pass
			RB1#14	22.65	-3.7	-5.85	16.80	0.048	7.00	Pass
			RB8#0	21.74	-3.7	-5.85	15.89	0.039	7.00	Pass
			RB8#4	21.73	-3.7	-5.85	15.88	0.039	7.00	Pass
			RB8#7	21.7	-3.7	-5.85	15.85	0.038	7.00	Pass
			RB15#0	21.67	-3.7	-5.85	15.82	0.038	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.86	-3.7	-5.85	18.01	0.063	7.00	Pass
			RB1#13	23.86	-3.7	-5.85	18.01	0.063	7.00	Pass
			RB1#24	23.88	-3.7	-5.85	18.03	0.064	7.00	Pass
			RB12#0	22.74	-3.7	-5.85	16.89	0.049	7.00	Pass
			RB12#6	22.72	-3.7	-5.85	16.87	0.049	7.00	Pass
			RB12#13	22.73	-3.7	-5.85	16.88	0.049	7.00	Pass
			RB25#0	22.71	-3.7	-5.85	16.86	0.049	7.00	Pass
		16-QAM	RB1#0	22.97	-3.7	-5.85	17.12	0.052	7.00	Pass
			RB1#13	22.93	-3.7	-5.85	17.08	0.051	7.00	Pass
			RB1#24	22.97	-3.7	-5.85	17.12	0.052	7.00	Pass
			RB12#0	21.81	-3.7	-5.85	15.96	0.039	7.00	Pass
			RB12#6	21.76	-3.7	-5.85	15.91	0.039	7.00	Pass
			RB12#13	21.8	-3.7	-5.85	15.95	0.039	7.00	Pass
			RB25#0	21.78	-3.7	-5.85	15.93	0.039	7.00	Pass
	MCH	QPSK	RB1#0	23.73	-3.7	-5.85	17.88	0.061	7.00	Pass
			RB1#13	23.63	-3.7	-5.85	17.78	0.060	7.00	Pass
			RB1#24	23.6	-3.7	-5.85	17.75	0.060	7.00	Pass
			RB12#0	22.61	-3.7	-5.85	16.76	0.047	7.00	Pass
			RB12#6	22.68	-3.7	-5.85	16.83	0.048	7.00	Pass
			RB12#13	22.59	-3.7	-5.85	16.74	0.047	7.00	Pass
			RB25#0	22.63	-3.7	-5.85	16.78	0.048	7.00	Pass
		16-QAM	RB1#0	23.25	-3.7	-5.85	17.40	0.055	7.00	Pass
			RB1#13	23.19	-3.7	-5.85	17.34	0.054	7.00	Pass
			RB1#24	23.15	-3.7	-5.85	17.30	0.054	7.00	Pass
			RB12#0	21.76	-3.7	-5.85	15.91	0.039	7.00	Pass
			RB12#6	21.77	-3.7	-5.85	15.92	0.039	7.00	Pass
			RB12#13	21.69	-3.7	-5.85	15.84	0.038	7.00	Pass
			RB25#0	21.72	-3.7	-5.85	15.87	0.039	7.00	Pass
	HCH	QPSK	RB1#0	23.73	-3.7	-5.85	17.88	0.061	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB1#13	23.7	-3.7	-5.85	17.85	0.061	7.00	Pass
			RB1#24	23.69	-3.7	-5.85	17.84	0.061	7.00	Pass
			RB12#0	22.72	-3.7	-5.85	16.87	0.049	7.00	Pass
			RB12#6	22.65	-3.7	-5.85	16.80	0.048	7.00	Pass
			RB12#13	22.63	-3.7	-5.85	16.78	0.048	7.00	Pass
			RB25#0	22.68	-3.7	-5.85	16.83	0.048	7.00	Pass
		16-QAM	RB1#0	22.76	-3.7	-5.85	16.91	0.049	7.00	Pass
			RB1#13	22.73	-3.7	-5.85	16.88	0.049	7.00	Pass
			RB1#24	22.71	-3.7	-5.85	16.86	0.049	7.00	Pass
			RB12#0	21.73	-3.7	-5.85	15.88	0.039	7.00	Pass
			RB12#6	21.69	-3.7	-5.85	15.84	0.038	7.00	Pass
			RB12#13	21.69	-3.7	-5.85	15.84	0.038	7.00	Pass
			RB25#0	21.62	-3.7	-5.85	15.77	0.038	7.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.71	-3.7	-5.85	17.86	0.061	7.00	Pass
			RB1#25	23.72	-3.7	-5.85	17.87	0.061	7.00	Pass
			RB1#49	23.64	-3.7	-5.85	17.79	0.060	7.00	Pass
			RB25#0	22.68	-3.7	-5.85	16.83	0.048	7.00	Pass
			RB25#13	22.68	-3.7	-5.85	16.83	0.048	7.00	Pass
			RB25#25	22.68	-3.7	-5.85	16.83	0.048	7.00	Pass
			RB50#0	22.73	-3.7	-5.85	16.88	0.049	7.00	Pass
		16-QAM	RB1#0	22.61	-3.7	-5.85	16.76	0.047	7.00	Pass
			RB1#25	22.64	-3.7	-5.85	16.79	0.048	7.00	Pass
			RB1#49	22.55	-3.7	-5.85	16.70	0.047	7.00	Pass
			RB25#0	21.74	-3.7	-5.85	15.89	0.039	7.00	Pass
			RB25#13	21.74	-3.7	-5.85	15.89	0.039	7.00	Pass
			RB25#25	21.71	-3.7	-5.85	15.86	0.039	7.00	Pass
			RB50#0	21.68	-3.7	-5.85	15.83	0.038	7.00	Pass
	MCH	QPSK	RB1#0	23.66	-3.7	-5.85	17.81	0.060	7.00	Pass
			RB1#25	23.63	-3.7	-5.85	17.78	0.060	7.00	Pass
			RB1#49	23.54	-3.7	-5.85	17.69	0.059	7.00	Pass
			RB25#0	22.67	-3.7	-5.85	16.82	0.048	7.00	Pass
			RB25#13	22.64	-3.7	-5.85	16.79	0.048	7.00	Pass
			RB25#25	22.61	-3.7	-5.85	16.76	0.047	7.00	Pass
			RB50#0	22.69	-3.7	-5.85	16.84	0.048	7.00	Pass
		16-QAM	RB1#0	23	-3.7	-5.85	17.15	0.052	7.00	Pass
			RB1#25	23.03	-3.7	-5.85	17.18	0.052	7.00	Pass
			RB1#49	22.91	-3.7	-5.85	17.06	0.051	7.00	Pass
			RB25#0	21.74	-3.7	-5.85	15.89	0.039	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB25#13	21.7	-3.7	-5.85	15.85	0.038	7.00	Pass
			RB25#25	21.71	-3.7	-5.85	15.86	0.039	7.00	Pass
			RB50#0	21.66	-3.7	-5.85	15.81	0.038	7.00	Pass
	HCH	QPSK	RB1#0	23.58	-3.7	-5.85	17.73	0.059	7.00	Pass
			RB1#25	23.62	-3.7	-5.85	17.77	0.060	7.00	Pass
			RB1#49	23.6	-3.7	-5.85	17.75	0.060	7.00	Pass
			RB25#0	22.6	-3.7	-5.85	16.75	0.047	7.00	Pass
			RB25#13	22.61	-3.7	-5.85	16.76	0.047	7.00	Pass
			RB25#25	22.57	-3.7	-5.85	16.72	0.047	7.00	Pass
			RB50#0	22.65	-3.7	-5.85	16.80	0.048	7.00	Pass
		16-QAM	RB1#0	22.62	-3.7	-5.85	16.77	0.048	7.00	Pass
			RB1#25	22.58	-3.7	-5.85	16.73	0.047	7.00	Pass
			RB1#49	22.57	-3.7	-5.85	16.72	0.047	7.00	Pass
			RB25#0	21.74	-3.7	-5.85	15.89	0.039	7.00	Pass
			RB25#13	21.73	-3.7	-5.85	15.88	0.039	7.00	Pass
			RB25#25	21.69	-3.7	-5.85	15.84	0.038	7.00	Pass
			RB50#0	21.62	-3.7	-5.85	15.77	0.038	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	23.19	-0.4	22.79	0.190	2.00	Pass
			RB1#13	23.16	-0.4	22.76	0.189	2.00	Pass
			RB1#24	23.09	-0.4	22.69	0.186	2.00	Pass
			RB12#0	22.01	-0.4	21.61	0.145	2.00	Pass
			RB12#6	22.01	-0.4	21.61	0.145	2.00	Pass
			RB12#13	22.03	-0.4	21.63	0.146	2.00	Pass
			RB25#0	22.07	-0.4	21.67	0.147	2.00	Pass
		16-QAM	RB1#0	22.29	-0.4	21.89	0.155	2.00	Pass
			RB1#13	22.26	-0.4	21.86	0.153	2.00	Pass
			RB1#24	22.22	-0.4	21.82	0.152	2.00	Pass
			RB12#0	21.08	-0.4	20.68	0.117	2.00	Pass
			RB12#6	21.08	-0.4	20.68	0.117	2.00	Pass
			RB12#13	21.05	-0.4	20.65	0.116	2.00	Pass
			RB25#0	21.09	-0.4	20.69	0.117	2.00	Pass
	MCH	QPSK	RB1#0	22.98	-0.4	22.58	0.181	2.00	Pass
			RB1#13	22.94	-0.4	22.54	0.179	2.00	Pass
			RB1#24	22.95	-0.4	22.55	0.180	2.00	Pass
			RB12#0	21.94	-0.4	21.54	0.143	2.00	Pass
			RB12#6	21.88	-0.4	21.48	0.141	2.00	Pass
			RB12#13	21.8	-0.4	21.40	0.138	2.00	Pass
			RB25#0	21.9	-0.4	21.50	0.141	2.00	Pass
		16-QAM	RB1#0	22.42	-0.4	22.02	0.159	2.00	Pass
			RB1#13	22.41	-0.4	22.01	0.159	2.00	Pass
			RB1#24	22.42	-0.4	22.02	0.159	2.00	Pass
			RB12#0	21.03	-0.4	20.63	0.116	2.00	Pass
			RB12#6	20.99	-0.4	20.59	0.115	2.00	Pass
			RB12#13	20.96	-0.4	20.56	0.114	2.00	Pass
			RB25#0	20.95	-0.4	20.55	0.114	2.00	Pass
	HCH	QPSK	RB1#0	23.27	-0.4	22.87	0.194	2.00	Pass
			RB1#13	23.3	-0.4	22.90	0.195	2.00	Pass
			RB1#24	23.3	-0.4	22.90	0.195	2.00	Pass
			RB12#0	22.29	-0.4	21.89	0.155	2.00	Pass
			RB12#6	22.29	-0.4	21.89	0.155	2.00	Pass
			RB12#13	22.24	-0.4	21.84	0.153	2.00	Pass
			RB25#0	22.27	-0.4	21.87	0.154	2.00	Pass
		16-QAM	RB1#0	22.32	-0.4	21.92	0.156	2.00	Pass
			RB1#13	22.34	-0.4	21.94	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 BAND7									
			RB1#24	22.36	-0.4	21.96	0.157	2.00	Pass
			RB12#0	21.35	-0.4	20.95	0.124	2.00	Pass
			RB12#6	21.32	-0.4	20.92	0.124	2.00	Pass
			RB12#13	21.26	-0.4	20.86	0.122	2.00	Pass
			RB25#0	21.22	-0.4	20.82	0.121	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.08	-0.4	22.68	0.185	2.00	Pass
			RB1#25	23.01	-0.4	22.61	0.182	2.00	Pass
			RB1#49	22.97	-0.4	22.57	0.181	2.00	Pass
			RB25#0	22.01	-0.4	21.61	0.145	2.00	Pass
			RB25#13	22	-0.4	21.60	0.145	2.00	Pass
			RB25#25	22.01	-0.4	21.61	0.145	2.00	Pass
			RB50#0	22.07	-0.4	21.67	0.147	2.00	Pass
		16-QAM	RB1#0	22.03	-0.4	21.63	0.146	2.00	Pass
			RB1#25	21.98	-0.4	21.58	0.144	2.00	Pass
			RB1#49	21.89	-0.4	21.49	0.141	2.00	Pass
			RB25#0	21.08	-0.4	20.68	0.117	2.00	Pass
			RB25#13	21.03	-0.4	20.63	0.116	2.00	Pass
			RB25#25	21.1	-0.4	20.70	0.117	2.00	Pass
			RB50#0	21.08	-0.4	20.68	0.117	2.00	Pass
	MCH	QPSK	RB1#0	22.89	-0.4	22.49	0.177	2.00	Pass
			RB1#25	22.92	-0.4	22.52	0.179	2.00	Pass
			RB1#49	22.87	-0.4	22.47	0.177	2.00	Pass
			RB25#0	21.91	-0.4	21.51	0.142	2.00	Pass
			RB25#13	21.85	-0.4	21.45	0.140	2.00	Pass
			RB25#25	21.89	-0.4	21.49	0.141	2.00	Pass
			RB50#0	21.96	-0.4	21.56	0.143	2.00	Pass
		16-QAM	RB1#0	22.25	-0.4	21.85	0.153	2.00	Pass
			RB1#25	22.3	-0.4	21.90	0.155	2.00	Pass
			RB1#49	22.25	-0.4	21.85	0.153	2.00	Pass
			RB25#0	20.91	-0.4	20.51	0.112	2.00	Pass
			RB25#13	20.91	-0.4	20.51	0.112	2.00	Pass
			RB25#25	20.93	-0.4	20.53	0.113	2.00	Pass
			RB50#0	20.92	-0.4	20.52	0.113	2.00	Pass
	HCH	QPSK	RB1#0	23.19	-0.4	22.79	0.190	2.00	Pass
			RB1#25	23.19	-0.4	22.79	0.190	2.00	Pass
			RB1#49	23.2	-0.4	22.80	0.191	2.00	Pass
			RB25#0	22.28	-0.4	21.88	0.154	2.00	Pass
			RB25#13	22.19	-0.4	21.79	0.151	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
			RB25#25	22.19	-0.4	21.79	0.151	2.00	Pass
			RB50#0	22.25	-0.4	21.85	0.153	2.00	Pass
		16-QAM	RB1#0	22.25	-0.4	21.85	0.153	2.00	Pass
			RB1#25	22.25	-0.4	21.85	0.153	2.00	Pass
			RB1#49	22.25	-0.4	21.85	0.153	2.00	Pass
			RB25#0	21.36	-0.4	20.96	0.125	2.00	Pass
			RB25#13	21.3	-0.4	20.90	0.123	2.00	Pass
			RB25#25	21.28	-0.4	20.88	0.122	2.00	Pass
			RB50#0	21.24	-0.4	20.84	0.121	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	23.04	-0.4	22.64	0.184	2.00	Pass
			RB1#38	22.99	-0.4	22.59	0.182	2.00	Pass
			RB1#74	22.91	-0.4	22.51	0.178	2.00	Pass
			RB36#0	21.97	-0.4	21.57	0.144	2.00	Pass
			RB36#19	22	-0.4	21.60	0.145	2.00	Pass
			RB36#39	22.05	-0.4	21.65	0.146	2.00	Pass
			RB75#0	22.07	-0.4	21.67	0.147	2.00	Pass
		16-QAM	RB1#0	22.01	-0.4	21.61	0.145	2.00	Pass
			RB1#38	21.93	-0.4	21.53	0.142	2.00	Pass
			RB1#74	21.92	-0.4	21.52	0.142	2.00	Pass
			RB36#0	21	-0.4	20.60	0.115	2.00	Pass
			RB36#19	21.02	-0.4	20.62	0.115	2.00	Pass
			RB36#39	21.06	-0.4	20.66	0.116	2.00	Pass
			RB75#0	21.03	-0.4	20.63	0.116	2.00	Pass
	MCH	QPSK	RB1#0	22.93	-0.4	22.53	0.179	2.00	Pass
			RB1#38	22.91	-0.4	22.51	0.178	2.00	Pass
			RB1#74	22.85	-0.4	22.45	0.176	2.00	Pass
			RB36#0	21.91	-0.4	21.51	0.142	2.00	Pass
			RB36#19	21.88	-0.4	21.48	0.141	2.00	Pass
			RB36#39	21.85	-0.4	21.45	0.140	2.00	Pass
			RB75#0	21.92	-0.4	21.52	0.142	2.00	Pass
		16-QAM	RB1#0	22.34	-0.4	21.94	0.156	2.00	Pass
			RB1#38	22.3	-0.4	21.90	0.155	2.00	Pass
			RB1#74	22.24	-0.4	21.84	0.153	2.00	Pass
			RB36#0	20.91	-0.4	20.51	0.112	2.00	Pass
			RB36#19	20.94	-0.4	20.54	0.113	2.00	Pass
			RB36#39	20.92	-0.4	20.52	0.113	2.00	Pass
			RB75#0	20.92	-0.4	20.52	0.113	2.00	Pass
	HCH	QPSK	RB1#0	23.14	-0.4	22.74	0.188	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
			RB1#38	23.15	-0.4	22.75	0.188	2.00	Pass
			RB1#74	23.07	-0.4	22.67	0.185	2.00	Pass
			RB36#0	22.19	-0.4	21.79	0.151	2.00	Pass
			RB36#19	22.12	-0.4	21.72	0.149	2.00	Pass
			RB36#39	22.13	-0.4	21.73	0.149	2.00	Pass
			RB75#0	22.16	-0.4	21.76	0.150	2.00	Pass
		16-QAM	RB1#0	22.64	-0.4	22.24	0.167	2.00	Pass
			RB1#38	22.65	-0.4	22.25	0.168	2.00	Pass
			RB1#74	22.54	-0.4	22.14	0.164	2.00	Pass
			RB36#0	21.15	-0.4	20.75	0.119	2.00	Pass
			RB36#19	21.13	-0.4	20.73	0.118	2.00	Pass
			RB36#39	21.13	-0.4	20.73	0.118	2.00	Pass
			RB75#0	21.15	-0.4	20.75	0.119	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	23.06	-0.4	22.66	0.185	2.00	Pass
			RB1#50	23.08	-0.4	22.68	0.185	2.00	Pass
			RB1#99	23.02	-0.4	22.62	0.183	2.00	Pass
			RB50#0	22.02	-0.4	21.62	0.145	2.00	Pass
			RB50#25	22.08	-0.4	21.68	0.147	2.00	Pass
			RB50#50	22.14	-0.4	21.74	0.149	2.00	Pass
			RB100#0	22.08	-0.4	21.68	0.147	2.00	Pass
		16-QAM	RB1#0	22.61	-0.4	22.21	0.166	2.00	Pass
			RB1#50	22.54	-0.4	22.14	0.164	2.00	Pass
			RB1#99	22.5	-0.4	22.10	0.162	2.00	Pass
			RB50#0	21.03	-0.4	20.63	0.116	2.00	Pass
			RB50#25	21.1	-0.4	20.70	0.117	2.00	Pass
			RB50#50	21.12	-0.4	20.72	0.118	2.00	Pass
			RB100#0	21.09	-0.4	20.69	0.117	2.00	Pass
	MCH	QPSK	RB1#0	22.91	-0.4	22.51	0.178	2.00	Pass
			RB1#50	22.96	-0.4	22.56	0.180	2.00	Pass
			RB1#99	22.91	-0.4	22.51	0.178	2.00	Pass
			RB50#0	21.96	-0.4	21.56	0.143	2.00	Pass
			RB50#25	21.95	-0.4	21.55	0.143	2.00	Pass
			RB50#50	21.95	-0.4	21.55	0.143	2.00	Pass
			RB100#0	21.94	-0.4	21.54	0.143	2.00	Pass
		16-QAM	RB1#0	22.39	-0.4	21.99	0.158	2.00	Pass
			RB1#50	22.42	-0.4	22.02	0.159	2.00	Pass
			RB1#99	22.29	-0.4	21.89	0.155	2.00	Pass
			RB50#0	20.94	-0.4	20.54	0.113	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
			RB50#25	20.95	-0.4	20.55	0.114	2.00	Pass
			RB50#50	20.93	-0.4	20.53	0.113	2.00	Pass
			RB100#0	20.93	-0.4	20.53	0.113	2.00	Pass
	HCH	QPSK	RB1#0	23.13	-0.4	22.73	0.187	2.00	Pass
			RB1#50	23.13	-0.4	22.73	0.187	2.00	Pass
			RB1#99	23	-0.4	22.60	0.182	2.00	Pass
			RB50#0	22.22	-0.4	21.82	0.152	2.00	Pass
			RB50#25	22.18	-0.4	21.78	0.151	2.00	Pass
			RB50#50	22.08	-0.4	21.68	0.147	2.00	Pass
			RB100#0	22.16	-0.4	21.76	0.150	2.00	Pass
		16-QAM	RB1#0	22.58	-0.4	22.18	0.165	2.00	Pass
			RB1#50	22.6	-0.4	22.20	0.166	2.00	Pass
			RB1#99	22.47	-0.4	22.07	0.161	2.00	Pass
			RB50#0	21.18	-0.4	20.78	0.120	2.00	Pass
			RB50#25	21.13	-0.4	20.73	0.118	2.00	Pass
			RB50#50	21.07	-0.4	20.67	0.117	2.00	Pass
			RB100#0	21.14	-0.4	20.74	0.119	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
1.4 MHz	LCH	QPSK	RB1#0	22.37	-4.1	-6.25	16.12	0.041	3.00	Pass
			RB1#3	22.35	-4.1	-6.25	16.10	0.041	3.00	Pass
			RB1#5	22.33	-4.1	-6.25	16.08	0.041	3.00	Pass
			RB3#0	22.45	-4.1	-6.25	16.20	0.042	3.00	Pass
			RB3#2	22.49	-4.1	-6.25	16.24	0.042	3.00	Pass
			RB3#3	22.44	-4.1	-6.25	16.19	0.042	3.00	Pass
			RB6#0	21.45	-4.1	-6.25	15.20	0.033	3.00	Pass
		16-QAM	RB1#0	21.57	-4.1	-6.25	15.32	0.034	3.00	Pass
			RB1#3	21.61	-4.1	-6.25	15.36	0.034	3.00	Pass
			RB1#5	21.57	-4.1	-6.25	15.32	0.034	3.00	Pass
			RB3#0	21.5	-4.1	-6.25	15.25	0.033	3.00	Pass
			RB3#2	21.52	-4.1	-6.25	15.27	0.034	3.00	Pass
			RB3#3	21.52	-4.1	-6.25	15.27	0.034	3.00	Pass
			RB6#0	20.56	-4.1	-6.25	14.31	0.027	3.00	Pass
	MCH	QPSK	RB1#0	22.44	-4.1	-6.25	16.19	0.042	3.00	Pass
			RB1#3	22.42	-4.1	-6.25	16.17	0.041	3.00	Pass
			RB1#5	22.45	-4.1	-6.25	16.20	0.042	3.00	Pass
			RB3#0	22.42	-4.1	-6.25	16.17	0.041	3.00	Pass
			RB3#2	22.44	-4.1	-6.25	16.19	0.042	3.00	Pass
			RB3#3	22.45	-4.1	-6.25	16.20	0.042	3.00	Pass
			RB6#0	21.48	-4.1	-6.25	15.23	0.033	3.00	Pass
		16-QAM	RB1#0	21.88	-4.1	-6.25	15.63	0.037	3.00	Pass
			RB1#3	21.83	-4.1	-6.25	15.58	0.036	3.00	Pass
			RB1#5	21.86	-4.1	-6.25	15.61	0.036	3.00	Pass
			RB3#0	21.64	-4.1	-6.25	15.39	0.035	3.00	Pass
			RB3#2	21.6	-4.1	-6.25	15.35	0.034	3.00	Pass
			RB3#3	21.63	-4.1	-6.25	15.38	0.035	3.00	Pass
			RB6#0	20.35	-4.1	-6.25	14.10	0.026	3.00	Pass
	HCH	QPSK	RB1#0	22.4	-4.1	-6.25	16.15	0.041	3.00	Pass
			RB1#3	22.42	-4.1	-6.25	16.17	0.041	3.00	Pass
			RB1#5	22.42	-4.1	-6.25	16.17	0.041	3.00	Pass
			RB3#0	22.49	-4.1	-6.25	16.24	0.042	3.00	Pass
			RB3#2	22.53	-4.1	-6.25	16.28	0.042	3.00	Pass
			RB3#3	22.52	-4.1	-6.25	16.27	0.042	3.00	Pass
			RB6#0	21.48	-4.1	-6.25	15.23	0.033	3.00	Pass
		16-QAM	RB1#0	21.49	-4.1	-6.25	15.24	0.033	3.00	Pass
			RB1#3	21.54	-4.1	-6.25	15.29	0.034	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#5	21.52	-4.1	-6.25	15.27	0.034	3.00	Pass
			RB3#0	21.61	-4.1	-6.25	15.36	0.034	3.00	Pass
			RB3#2	21.66	-4.1	-6.25	15.41	0.035	3.00	Pass
			RB3#3	21.63	-4.1	-6.25	15.38	0.035	3.00	Pass
			RB6#0	20.65	-4.1	-6.25	14.40	0.028	3.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.43	-4.1	-6.25	16.18	0.041	3.00	Pass
			RB1#7	22.4	-4.1	-6.25	16.15	0.041	3.00	Pass
			RB1#14	22.44	-4.1	-6.25	16.19	0.042	3.00	Pass
			RB8#0	21.42	-4.1	-6.25	15.17	0.033	3.00	Pass
			RB8#4	21.39	-4.1	-6.25	15.14	0.033	3.00	Pass
			RB8#7	21.4	-4.1	-6.25	15.15	0.033	3.00	Pass
			RB15#0	21.39	-4.1	-6.25	15.14	0.033	3.00	Pass
		16-QAM	RB1#0	21.34	-4.1	-6.25	15.09	0.032	3.00	Pass
			RB1#7	21.27	-4.1	-6.25	15.02	0.032	3.00	Pass
			RB1#14	21.32	-4.1	-6.25	15.07	0.032	3.00	Pass
			RB8#0	20.53	-4.1	-6.25	14.28	0.027	3.00	Pass
			RB8#4	20.51	-4.1	-6.25	14.26	0.027	3.00	Pass
			RB8#7	20.51	-4.1	-6.25	14.26	0.027	3.00	Pass
			RB15#0	20.45	-4.1	-6.25	14.20	0.026	3.00	Pass
	MCH	QPSK	RB1#0	22.45	-4.1	-6.25	16.20	0.042	3.00	Pass
			RB1#7	22.44	-4.1	-6.25	16.19	0.042	3.00	Pass
			RB1#14	22.4	-4.1	-6.25	16.15	0.041	3.00	Pass
			RB8#0	21.38	-4.1	-6.25	15.13	0.033	3.00	Pass
			RB8#4	21.42	-4.1	-6.25	15.17	0.033	3.00	Pass
			RB8#7	21.41	-4.1	-6.25	15.16	0.033	3.00	Pass
			RB15#0	21.4	-4.1	-6.25	15.15	0.033	3.00	Pass
		16-QAM	RB1#0	21.86	-4.1	-6.25	15.61	0.036	3.00	Pass
			RB1#7	21.82	-4.1	-6.25	15.57	0.036	3.00	Pass
			RB1#14	21.82	-4.1	-6.25	15.57	0.036	3.00	Pass
			RB8#0	20.47	-4.1	-6.25	14.22	0.026	3.00	Pass
			RB8#4	20.53	-4.1	-6.25	14.28	0.027	3.00	Pass
			RB8#7	20.47	-4.1	-6.25	14.22	0.026	3.00	Pass
			RB15#0	20.43	-4.1	-6.25	14.18	0.026	3.00	Pass
	HCH	QPSK	RB1#0	22.45	-4.1	-6.25	16.20	0.042	3.00	Pass
			RB1#7	22.41	-4.1	-6.25	16.16	0.041	3.00	Pass
			RB1#14	22.45	-4.1	-6.25	16.20	0.042	3.00	Pass
			RB8#0	21.5	-4.1	-6.25	15.25	0.033	3.00	Pass
			RB8#4	21.48	-4.1	-6.25	15.23	0.033	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										
			RB8#7	21.49	-4.1	-6.25	15.24	0.033	3.00	Pass
			RB15#0	21.47	-4.1	-6.25	15.22	0.033	3.00	Pass
		16-QAM	RB1#0	21.57	-4.1	-6.25	15.32	0.034	3.00	Pass
			RB1#7	21.47	-4.1	-6.25	15.22	0.033	3.00	Pass
			RB1#14	21.5	-4.1	-6.25	15.25	0.033	3.00	Pass
			RB8#0	20.51	-4.1	-6.25	14.26	0.027	3.00	Pass
			RB8#4	20.5	-4.1	-6.25	14.25	0.027	3.00	Pass
			RB8#7	20.53	-4.1	-6.25	14.28	0.027	3.00	Pass
			RB15#0	20.42	-4.1	-6.25	14.17	0.026	3.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.65	-4.1	-6.25	16.40	0.044	3.00	Pass
			RB1#13	22.64	-4.1	-6.25	16.39	0.044	3.00	Pass
			RB1#24	22.7	-4.1	-6.25	16.45	0.044	3.00	Pass
			RB12#0	21.46	-4.1	-6.25	15.21	0.033	3.00	Pass
			RB12#6	21.46	-4.1	-6.25	15.21	0.033	3.00	Pass
			RB12#13	21.42	-4.1	-6.25	15.17	0.033	3.00	Pass
			RB25#0	21.42	-4.1	-6.25	15.17	0.033	3.00	Pass
		16-QAM	RB1#0	21.71	-4.1	-6.25	15.46	0.035	3.00	Pass
			RB1#13	21.72	-4.1	-6.25	15.47	0.035	3.00	Pass
			RB1#24	21.77	-4.1	-6.25	15.52	0.036	3.00	Pass
			RB12#0	20.47	-4.1	-6.25	14.22	0.026	3.00	Pass
			RB12#6	20.5	-4.1	-6.25	14.25	0.027	3.00	Pass
			RB12#13	20.43	-4.1	-6.25	14.18	0.026	3.00	Pass
			RB25#0	20.48	-4.1	-6.25	14.23	0.026	3.00	Pass
	MCH	QPSK	RB1#0	22.56	-4.1	-6.25	16.31	0.043	3.00	Pass
			RB1#13	22.53	-4.1	-6.25	16.28	0.042	3.00	Pass
			RB1#24	22.51	-4.1	-6.25	16.26	0.042	3.00	Pass
			RB12#0	21.43	-4.1	-6.25	15.18	0.033	3.00	Pass
			RB12#6	21.42	-4.1	-6.25	15.17	0.033	3.00	Pass
			RB12#13	21.41	-4.1	-6.25	15.16	0.033	3.00	Pass
			RB25#0	21.39	-4.1	-6.25	15.14	0.033	3.00	Pass
		16-QAM	RB1#0	22.02	-4.1	-6.25	15.77	0.038	3.00	Pass
			RB1#13	21.99	-4.1	-6.25	15.74	0.037	3.00	Pass
			RB1#24	22.02	-4.1	-6.25	15.77	0.038	3.00	Pass
			RB12#0	20.57	-4.1	-6.25	14.32	0.027	3.00	Pass
			RB12#6	20.53	-4.1	-6.25	14.28	0.027	3.00	Pass
			RB12#13	20.54	-4.1	-6.25	14.29	0.027	3.00	Pass
			RB25#0	20.48	-4.1	-6.25	14.23	0.026	3.00	Pass
	HCH	QPSK	RB1#0	22.51	-4.1	-6.25	16.26	0.042	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#13	22.47	-4.1	-6.25	16.22	0.042	3.00	Pass
			RB1#24	22.52	-4.1	-6.25	16.27	0.042	3.00	Pass
			RB12#0	21.53	-4.1	-6.25	15.28	0.034	3.00	Pass
			RB12#6	21.49	-4.1	-6.25	15.24	0.033	3.00	Pass
			RB12#13	21.39	-4.1	-6.25	15.14	0.033	3.00	Pass
			RB25#0	21.52	-4.1	-6.25	15.27	0.034	3.00	Pass
		16-QAM	RB1#0	21.51	-4.1	-6.25	15.26	0.034	3.00	Pass
			RB1#13	21.44	-4.1	-6.25	15.19	0.033	3.00	Pass
			RB1#24	21.5	-4.1	-6.25	15.25	0.033	3.00	Pass
			RB12#0	20.58	-4.1	-6.25	14.33	0.027	3.00	Pass
			RB12#6	20.53	-4.1	-6.25	14.28	0.027	3.00	Pass
			RB12#13	20.43	-4.1	-6.25	14.18	0.026	3.00	Pass
			RB25#0	20.44	-4.1	-6.25	14.19	0.026	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.47	-4.1	-6.25	16.22	0.042	3.00	Pass
			RB1#25	22.47	-4.1	-6.25	16.22	0.042	3.00	Pass
			RB1#49	22.43	-4.1	-6.25	16.18	0.041	3.00	Pass
			RB25#0	21.49	-4.1	-6.25	15.24	0.033	3.00	Pass
			RB25#13	21.43	-4.1	-6.25	15.18	0.033	3.00	Pass
			RB25#25	21.51	-4.1	-6.25	15.26	0.034	3.00	Pass
			RB50#0	21.51	-4.1	-6.25	15.26	0.034	3.00	Pass
		16-QAM	RB1#0	21.37	-4.1	-6.25	15.12	0.033	3.00	Pass
			RB1#25	21.35	-4.1	-6.25	15.10	0.032	3.00	Pass
			RB1#49	21.34	-4.1	-6.25	15.09	0.032	3.00	Pass
			RB25#0	20.51	-4.1	-6.25	14.26	0.027	3.00	Pass
			RB25#13	20.47	-4.1	-6.25	14.22	0.026	3.00	Pass
			RB25#25	20.51	-4.1	-6.25	14.26	0.027	3.00	Pass
			RB50#0	20.48	-4.1	-6.25	14.23	0.026	3.00	Pass
	MCH	QPSK	RB1#0	22.39	-4.1	-6.25	16.14	0.041	3.00	Pass
			RB1#25	22.48	-4.1	-6.25	16.23	0.042	3.00	Pass
			RB1#49	22.4	-4.1	-6.25	16.15	0.041	3.00	Pass
			RB25#0	21.41	-4.1	-6.25	15.16	0.033	3.00	Pass
			RB25#13	21.43	-4.1	-6.25	15.18	0.033	3.00	Pass
			RB25#25	21.44	-4.1	-6.25	15.19	0.033	3.00	Pass
			RB50#0	21.42	-4.1	-6.25	15.17	0.033	3.00	Pass
		16-QAM	RB1#0	21.76	-4.1	-6.25	15.51	0.036	3.00	Pass
			RB1#25	21.85	-4.1	-6.25	15.60	0.036	3.00	Pass
			RB1#49	21.78	-4.1	-6.25	15.53	0.036	3.00	Pass
			RB25#0	20.49	-4.1	-6.25	14.24	0.027	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#13	20.47	-4.1	-6.25	14.22	0.026	3.00	Pass
			RB25#25	20.45	-4.1	-6.25	14.20	0.026	3.00	Pass
			RB50#0	20.42	-4.1	-6.25	14.17	0.026	3.00	Pass
	HCH	QPSK	RB1#0	22.48	-4.1	-6.25	16.23	0.042	3.00	Pass
			RB1#25	22.46	-4.1	-6.25	16.21	0.042	3.00	Pass
			RB1#49	22.47	-4.1	-6.25	16.22	0.042	3.00	Pass
			RB25#0	21.5	-4.1	-6.25	15.25	0.033	3.00	Pass
			RB25#13	21.48	-4.1	-6.25	15.23	0.033	3.00	Pass
			RB25#25	21.42	-4.1	-6.25	15.17	0.033	3.00	Pass
			RB50#0	21.5	-4.1	-6.25	15.25	0.033	3.00	Pass
		16-QAM	RB1#0	21.55	-4.1	-6.25	15.30	0.034	3.00	Pass
			RB1#25	21.53	-4.1	-6.25	15.28	0.034	3.00	Pass
			RB1#49	21.49	-4.1	-6.25	15.24	0.033	3.00	Pass
			RB25#0	20.62	-4.1	-6.25	14.37	0.027	3.00	Pass
			RB25#13	20.59	-4.1	-6.25	14.34	0.027	3.00	Pass
			RB25#25	20.5	-4.1	-6.25	14.25	0.027	3.00	Pass
			RB50#0	20.52	-4.1	-6.25	14.27	0.027	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 BAND13										
5 MHz	LCH	QPSK	RB1#0	22.76	-4.1	-6.25	16.51	0.045	3.00	Pass
			RB1#3	22.76	-4.1	-6.25	16.51	0.045	3.00	Pass
			RB1#5	22.8	-4.1	-6.25	16.55	0.045	3.00	Pass
			RB3#0	21.63	-4.1	-6.25	15.38	0.035	3.00	Pass
			RB3#2	21.57	-4.1	-6.25	15.32	0.034	3.00	Pass
			RB3#3	21.59	-4.1	-6.25	15.34	0.034	3.00	Pass
			RB6#0	21.59	-4.1	-6.25	15.34	0.034	3.00	Pass
		16-QAM	RB1#0	21.92	-4.1	-6.25	15.67	0.037	3.00	Pass
			RB1#3	21.86	-4.1	-6.25	15.61	0.036	3.00	Pass
			RB1#5	21.9	-4.1	-6.25	15.65	0.037	3.00	Pass
			RB3#0	20.66	-4.1	-6.25	14.41	0.028	3.00	Pass
			RB3#2	20.59	-4.1	-6.25	14.34	0.027	3.00	Pass
			RB3#3	20.62	-4.1	-6.25	14.37	0.027	3.00	Pass
			RB6#0	20.64	-4.1	-6.25	14.39	0.027	3.00	Pass
	MCH	QPSK	RB1#0	22.55	-4.1	-6.25	16.30	0.043	3.00	Pass
			RB1#3	22.61	-4.1	-6.25	16.36	0.043	3.00	Pass
			RB1#5	22.67	-4.1	-6.25	16.42	0.044	3.00	Pass
			RB3#0	21.62	-4.1	-6.25	15.37	0.034	3.00	Pass
			RB3#2	21.59	-4.1	-6.25	15.34	0.034	3.00	Pass
			RB3#3	21.58	-4.1	-6.25	15.33	0.034	3.00	Pass
			RB6#0	21.63	-4.1	-6.25	15.38	0.035	3.00	Pass
		16-QAM	RB1#0	22.15	-4.1	-6.25	15.90	0.039	3.00	Pass
			RB1#3	22.18	-4.1	-6.25	15.93	0.039	3.00	Pass
			RB1#5	22.16	-4.1	-6.25	15.91	0.039	3.00	Pass
			RB3#0	20.75	-4.1	-6.25	14.50	0.028	3.00	Pass
			RB3#2	20.71	-4.1	-6.25	14.46	0.028	3.00	Pass
			RB3#3	20.74	-4.1	-6.25	14.49	0.028	3.00	Pass
			RB6#0	20.68	-4.1	-6.25	14.43	0.028	3.00	Pass
	HCH	QPSK	RB1#0	22.68	-4.1	-6.25	16.43	0.044	3.00	Pass
			RB1#3	22.65	-4.1	-6.25	16.40	0.044	3.00	Pass
			RB1#5	22.69	-4.1	-6.25	16.44	0.044	3.00	Pass
			RB3#0	21.53	-4.1	-6.25	15.28	0.034	3.00	Pass
			RB3#2	21.58	-4.1	-6.25	15.33	0.034	3.00	Pass
			RB3#3	21.61	-4.1	-6.25	15.36	0.034	3.00	Pass
			RB6#0	21.59	-4.1	-6.25	15.34	0.034	3.00	Pass
		16-QAM	RB1#0	21.69	-4.1	-6.25	15.44	0.035	3.00	Pass
			RB1#3	21.68	-4.1	-6.25	15.43	0.035	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 BAND13										
			RB1#5	21.73	-4.1	-6.25	15.48	0.035	3.00	Pass
			RB3#0	20.57	-4.1	-6.25	14.32	0.027	3.00	Pass
			RB3#2	20.64	-4.1	-6.25	14.39	0.027	3.00	Pass
			RB3#3	20.64	-4.1	-6.25	14.39	0.027	3.00	Pass
			RB6#0	20.55	-4.1	-6.25	14.30	0.027	3.00	Pass
10 MHz	MCH	QPSK	RB1#0	22.63	-4.1	-6.25	16.38	0.043	3.00	Pass
			RB1#25	22.69	-4.1	-6.25	16.44	0.044	3.00	Pass
			RB1#49	22.68	-4.1	-6.25	16.43	0.044	3.00	Pass
			RB25#0	21.68	-4.1	-6.25	15.43	0.035	3.00	Pass
			RB25#13	21.62	-4.1	-6.25	15.37	0.034	3.00	Pass
			RB25#25	21.68	-4.1	-6.25	15.43	0.035	3.00	Pass
			RB50#0	21.7	-4.1	-6.25	15.45	0.035	3.00	Pass
		16-QAM	RB1#0	21.51	-4.1	-6.25	15.26	0.034	3.00	Pass
			RB1#25	21.55	-4.1	-6.25	15.30	0.034	3.00	Pass
			RB1#49	21.54	-4.1	-6.25	15.29	0.034	3.00	Pass
			RB25#0	20.7	-4.1	-6.25	14.45	0.028	3.00	Pass
			RB25#13	20.64	-4.1	-6.25	14.39	0.027	3.00	Pass
			RB25#25	20.73	-4.1	-6.25	14.48	0.028	3.00	Pass
			RB50#0	20.67	-4.1	-6.25	14.42	0.028	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	22.59	-4.1	-6.25	16.34	0.043	3.00	Pass
			RB1#13	22.64	-4.1	-6.25	16.39	0.044	3.00	Pass
			RB1#24	22.64	-4.1	-6.25	16.39	0.044	3.00	Pass
			RB12#0	21.44	-4.1	-6.25	15.19	0.033	3.00	Pass
			RB12#6	21.44	-4.1	-6.25	15.19	0.033	3.00	Pass
			RB12#13	21.42	-4.1	-6.25	15.17	0.033	3.00	Pass
			RB25#0	21.44	-4.1	-6.25	15.19	0.033	3.00	Pass
		16-QAM	RB1#0	21.68	-4.1	-6.25	15.43	0.035	3.00	Pass
			RB1#13	21.69	-4.1	-6.25	15.44	0.035	3.00	Pass
			RB1#24	21.71	-4.1	-6.25	15.46	0.035	3.00	Pass
			RB12#0	20.51	-4.1	-6.25	14.26	0.027	3.00	Pass
			RB12#6	20.49	-4.1	-6.25	14.24	0.027	3.00	Pass
			RB12#13	20.45	-4.1	-6.25	14.20	0.026	3.00	Pass
			RB25#0	20.46	-4.1	-6.25	14.21	0.026	3.00	Pass
	MCH	QPSK	RB1#0	22.46	-4.1	-6.25	16.21	0.042	3.00	Pass
			RB1#13	22.47	-4.1	-6.25	16.22	0.042	3.00	Pass
			RB1#24	22.46	-4.1	-6.25	16.21	0.042	3.00	Pass
			RB12#0	21.48	-4.1	-6.25	15.23	0.033	3.00	Pass
			RB12#6	21.41	-4.1	-6.25	15.16	0.033	3.00	Pass
			RB12#13	21.39	-4.1	-6.25	15.14	0.033	3.00	Pass
			RB25#0	21.42	-4.1	-6.25	15.17	0.033	3.00	Pass
		16-QAM	RB1#0	21.93	-4.1	-6.25	15.68	0.037	3.00	Pass
			RB1#13	22.01	-4.1	-6.25	15.76	0.038	3.00	Pass
			RB1#24	22.06	-4.1	-6.25	15.81	0.038	3.00	Pass
			RB12#0	20.59	-4.1	-6.25	14.34	0.027	3.00	Pass
			RB12#6	20.54	-4.1	-6.25	14.29	0.027	3.00	Pass
			RB12#13	20.52	-4.1	-6.25	14.27	0.027	3.00	Pass
			RB25#0	20.47	-4.1	-6.25	14.22	0.026	3.00	Pass
	HCH	QPSK	RB1#0	22.52	-4.1	-6.25	16.27	0.042	3.00	Pass
			RB1#13	22.51	-4.1	-6.25	16.26	0.042	3.00	Pass
			RB1#24	22.57	-4.1	-6.25	16.32	0.043	3.00	Pass
			RB12#0	21.52	-4.1	-6.25	15.27	0.034	3.00	Pass
			RB12#6	21.49	-4.1	-6.25	15.24	0.033	3.00	Pass
			RB12#13	21.46	-4.1	-6.25	15.21	0.033	3.00	Pass
			RB25#0	21.51	-4.1	-6.25	15.26	0.034	3.00	Pass
		16-QAM	RB1#0	21.52	-4.1	-6.25	15.27	0.034	3.00	Pass
			RB1#13	21.51	-4.1	-6.25	15.26	0.034	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#24	21.57	-4.1	-6.25	15.32	0.034	3.00	Pass
			RB12#0	20.58	-4.1	-6.25	14.33	0.027	3.00	Pass
			RB12#6	20.55	-4.1	-6.25	14.30	0.027	3.00	Pass
			RB12#13	20.49	-4.1	-6.25	14.24	0.027	3.00	Pass
			RB25#0	20.47	-4.1	-6.25	14.22	0.026	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.42	-4.1	-6.25	16.17	0.041	3.00	Pass
			RB1#25	22.49	-4.1	-6.25	16.24	0.042	3.00	Pass
			RB1#49	22.42	-4.1	-6.25	16.17	0.041	3.00	Pass
			RB25#0	21.38	-4.1	-6.25	15.13	0.033	3.00	Pass
			RB25#13	21.43	-4.1	-6.25	15.18	0.033	3.00	Pass
			RB25#25	21.38	-4.1	-6.25	15.13	0.033	3.00	Pass
			RB50#0	21.42	-4.1	-6.25	15.17	0.033	3.00	Pass
		16-QAM	RB1#0	21.32	-4.1	-6.25	15.07	0.032	3.00	Pass
			RB1#25	21.38	-4.1	-6.25	15.13	0.033	3.00	Pass
			RB1#49	21.29	-4.1	-6.25	15.04	0.032	3.00	Pass
			RB25#0	20.42	-4.1	-6.25	14.17	0.026	3.00	Pass
			RB25#13	20.47	-4.1	-6.25	14.22	0.026	3.00	Pass
			RB25#25	20.41	-4.1	-6.25	14.16	0.026	3.00	Pass
			RB50#0	20.39	-4.1	-6.25	14.14	0.026	3.00	Pass
	MCH	QPSK	RB1#0	22.45	-4.1	-6.25	16.20	0.042	3.00	Pass
			RB1#25	22.48	-4.1	-6.25	16.23	0.042	3.00	Pass
			RB1#49	22.42	-4.1	-6.25	16.17	0.041	3.00	Pass
			RB25#0	21.43	-4.1	-6.25	15.18	0.033	3.00	Pass
			RB25#13	21.45	-4.1	-6.25	15.20	0.033	3.00	Pass
			RB25#25	21.41	-4.1	-6.25	15.16	0.033	3.00	Pass
			RB50#0	21.41	-4.1	-6.25	15.16	0.033	3.00	Pass
		16-QAM	RB1#0	21.84	-4.1	-6.25	15.59	0.036	3.00	Pass
			RB1#25	21.85	-4.1	-6.25	15.60	0.036	3.00	Pass
			RB1#49	21.78	-4.1	-6.25	15.53	0.036	3.00	Pass
			RB25#0	20.47	-4.1	-6.25	14.22	0.026	3.00	Pass
			RB25#13	20.46	-4.1	-6.25	14.21	0.026	3.00	Pass
			RB25#25	20.44	-4.1	-6.25	14.19	0.026	3.00	Pass
			RB50#0	20.4	-4.1	-6.25	14.15	0.026	3.00	Pass
	HCH	QPSK	RB1#0	22.47	-4.1	-6.25	16.22	0.042	3.00	Pass
			RB1#25	22.47	-4.1	-6.25	16.22	0.042	3.00	Pass
			RB1#49	22.46	-4.1	-6.25	16.21	0.042	3.00	Pass
			RB25#0	21.47	-4.1	-6.25	15.22	0.033	3.00	Pass
			RB25#13	21.49	-4.1	-6.25	15.24	0.033	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										
			RB25#25	21.42	-4.1	-6.25	15.17	0.033	3.00	Pass
			RB50#0	21.48	-4.1	-6.25	15.23	0.033	3.00	Pass
		16-QAM	RB1#0	21.53	-4.1	-6.25	15.28	0.034	3.00	Pass
			RB1#25	21.54	-4.1	-6.25	15.29	0.034	3.00	Pass
			RB1#49	21.5	-4.1	-6.25	15.25	0.033	3.00	Pass
			RB25#0	20.6	-4.1	-6.25	14.35	0.027	3.00	Pass
			RB25#13	20.57	-4.1	-6.25	14.32	0.027	3.00	Pass
			RB25#25	20.5	-4.1	-6.25	14.25	0.027	3.00	Pass
			RB50#0	20.49	-4.1	-6.25	14.24	0.027	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	23.6	-3.5	-5.65	17.95	0.062	7.00	Pass
			RB1#3	23.56	-3.5	-5.65	17.91	0.062	7.00	Pass
			RB1#5	23.58	-3.5	-5.65	17.93	0.062	7.00	Pass
			RB3#0	23.65	-3.5	-5.65	18.00	0.063	7.00	Pass
			RB3#2	23.68	-3.5	-5.65	18.03	0.064	7.00	Pass
			RB3#3	23.65	-3.5	-5.65	18.00	0.063	7.00	Pass
			RB6#0	22.64	-3.5	-5.65	16.99	0.050	7.00	Pass
		16-QAM	RB1#0	22.76	-3.5	-5.65	17.11	0.051	7.00	Pass
			RB1#3	22.77	-3.5	-5.65	17.12	0.052	7.00	Pass
			RB1#5	22.77	-3.5	-5.65	17.12	0.052	7.00	Pass
			RB3#0	22.7	-3.5	-5.65	17.05	0.051	7.00	Pass
			RB3#2	22.69	-3.5	-5.65	17.04	0.051	7.00	Pass
			RB3#3	22.69	-3.5	-5.65	17.04	0.051	7.00	Pass
			RB6#0	21.79	-3.5	-5.65	16.14	0.041	7.00	Pass
	MCH	QPSK	RB1#0	23.5	-3.5	-5.65	17.85	0.061	7.00	Pass
			RB1#3	23.5	-3.5	-5.65	17.85	0.061	7.00	Pass
			RB1#5	23.5	-3.5	-5.65	17.85	0.061	7.00	Pass
			RB3#0	23.52	-3.5	-5.65	17.87	0.061	7.00	Pass
			RB3#2	23.54	-3.5	-5.65	17.89	0.062	7.00	Pass
			RB3#3	23.55	-3.5	-5.65	17.90	0.062	7.00	Pass
			RB6#0	22.49	-3.5	-5.65	16.84	0.048	7.00	Pass
		16-QAM	RB1#0	22.91	-3.5	-5.65	17.26	0.053	7.00	Pass
			RB1#3	22.89	-3.5	-5.65	17.24	0.053	7.00	Pass
			RB1#5	22.89	-3.5	-5.65	17.24	0.053	7.00	Pass
			RB3#0	22.75	-3.5	-5.65	17.10	0.051	7.00	Pass
			RB3#2	22.73	-3.5	-5.65	17.08	0.051	7.00	Pass
			RB3#3	22.73	-3.5	-5.65	17.08	0.051	7.00	Pass
			RB6#0	21.44	-3.5	-5.65	15.79	0.038	7.00	Pass
	HCH	QPSK	RB1#0	23.5	-3.5	-5.65	17.85	0.061	7.00	Pass
			RB1#3	23.53	-3.5	-5.65	17.88	0.061	7.00	Pass
			RB1#5	23.52	-3.5	-5.65	17.87	0.061	7.00	Pass
			RB3#0	23.62	-3.5	-5.65	17.97	0.063	7.00	Pass
			RB3#2	23.62	-3.5	-5.65	17.97	0.063	7.00	Pass
			RB3#3	23.61	-3.5	-5.65	17.96	0.063	7.00	Pass
			RB6#0	22.6	-3.5	-5.65	16.95	0.050	7.00	Pass
		16-QAM	RB1#0	22.56	-3.5	-5.65	16.91	0.049	7.00	Pass
			RB1#3	22.56	-3.5	-5.65	16.91	0.049	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#5	22.57	-3.5	-5.65	16.92	0.049	7.00	Pass
			RB3#0	22.72	-3.5	-5.65	17.07	0.051	7.00	Pass
			RB3#2	22.68	-3.5	-5.65	17.03	0.050	7.00	Pass
			RB3#3	22.69	-3.5	-5.65	17.04	0.051	7.00	Pass
			RB6#0	21.71	-3.5	-5.65	16.06	0.040	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.68	-3.5	-5.65	18.03	0.064	7.00	Pass
			RB1#7	23.66	-3.5	-5.65	18.01	0.063	7.00	Pass
			RB1#14	23.63	-3.5	-5.65	17.98	0.063	7.00	Pass
			RB8#0	22.6	-3.5	-5.65	16.95	0.050	7.00	Pass
			RB8#4	22.62	-3.5	-5.65	16.97	0.050	7.00	Pass
			RB8#7	22.62	-3.5	-5.65	16.97	0.050	7.00	Pass
			RB15#0	22.61	-3.5	-5.65	16.96	0.050	7.00	Pass
		16-QAM	RB1#0	22.58	-3.5	-5.65	16.93	0.049	7.00	Pass
			RB1#7	22.58	-3.5	-5.65	16.93	0.049	7.00	Pass
			RB1#14	22.57	-3.5	-5.65	16.92	0.049	7.00	Pass
			RB8#0	21.75	-3.5	-5.65	16.10	0.041	7.00	Pass
			RB8#4	21.75	-3.5	-5.65	16.10	0.041	7.00	Pass
			RB8#7	21.75	-3.5	-5.65	16.10	0.041	7.00	Pass
			RB15#0	21.68	-3.5	-5.65	16.03	0.040	7.00	Pass
	MCH	QPSK	RB1#0	23.5	-3.5	-5.65	17.85	0.061	7.00	Pass
			RB1#7	23.51	-3.5	-5.65	17.86	0.061	7.00	Pass
			RB1#14	23.47	-3.5	-5.65	17.82	0.061	7.00	Pass
			RB8#0	22.54	-3.5	-5.65	16.89	0.049	7.00	Pass
			RB8#4	22.56	-3.5	-5.65	16.91	0.049	7.00	Pass
			RB8#7	22.55	-3.5	-5.65	16.90	0.049	7.00	Pass
			RB15#0	22.61	-3.5	-5.65	16.96	0.050	7.00	Pass
		16-QAM	RB1#0	22.91	-3.5	-5.65	17.26	0.053	7.00	Pass
			RB1#7	22.9	-3.5	-5.65	17.25	0.053	7.00	Pass
			RB1#14	22.9	-3.5	-5.65	17.25	0.053	7.00	Pass
			RB8#0	21.63	-3.5	-5.65	15.98	0.040	7.00	Pass
			RB8#4	21.69	-3.5	-5.65	16.04	0.040	7.00	Pass
			RB8#7	21.67	-3.5	-5.65	16.02	0.040	7.00	Pass
			RB15#0	21.64	-3.5	-5.65	15.99	0.040	7.00	Pass
	HCH	QPSK	RB1#0	23.59	-3.5	-5.65	17.94	0.062	7.00	Pass
			RB1#7	23.56	-3.5	-5.65	17.91	0.062	7.00	Pass
			RB1#14	23.52	-3.5	-5.65	17.87	0.061	7.00	Pass
			RB8#0	22.61	-3.5	-5.65	16.96	0.050	7.00	Pass
			RB8#4	22.6	-3.5	-5.65	16.95	0.050	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)										
			RB8#7	22.58	-3.5	-5.65	16.93	0.049	7.00	Pass
			RB15#0	22.6	-3.5	-5.65	16.95	0.050	7.00	Pass
		16-QAM	RB1#0	22.65	-3.5	-5.65	17.00	0.050	7.00	Pass
			RB1#7	22.59	-3.5	-5.65	16.94	0.049	7.00	Pass
			RB1#14	22.51	-3.5	-5.65	16.86	0.049	7.00	Pass
			RB8#0	21.65	-3.5	-5.65	16.00	0.040	7.00	Pass
			RB8#4	21.65	-3.5	-5.65	16.00	0.040	7.00	Pass
			RB8#7	21.63	-3.5	-5.65	15.98	0.040	7.00	Pass
			RB15#0	21.58	-3.5	-5.65	15.93	0.039	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.8	-3.5	-5.65	18.15	0.065	7.00	Pass
			RB1#13	23.85	-3.5	-5.65	18.20	0.066	7.00	Pass
			RB1#24	23.8	-3.5	-5.65	18.15	0.065	7.00	Pass
			RB12#0	22.7	-3.5	-5.65	17.05	0.051	7.00	Pass
			RB12#6	22.69	-3.5	-5.65	17.04	0.051	7.00	Pass
			RB12#13	22.69	-3.5	-5.65	17.04	0.051	7.00	Pass
			RB25#0	22.69	-3.5	-5.65	17.04	0.051	7.00	Pass
		16-QAM	RB1#0	22.94	-3.5	-5.65	17.29	0.054	7.00	Pass
			RB1#13	22.91	-3.5	-5.65	17.26	0.053	7.00	Pass
			RB1#24	22.89	-3.5	-5.65	17.24	0.053	7.00	Pass
			RB12#0	21.74	-3.5	-5.65	16.09	0.041	7.00	Pass
			RB12#6	21.76	-3.5	-5.65	16.11	0.041	7.00	Pass
			RB12#13	21.74	-3.5	-5.65	16.09	0.041	7.00	Pass
			RB25#0	21.74	-3.5	-5.65	16.09	0.041	7.00	Pass
	MCH	QPSK	RB1#0	23.53	-3.5	-5.65	17.88	0.061	7.00	Pass
			RB1#13	23.51	-3.5	-5.65	17.86	0.061	7.00	Pass
			RB1#24	23.56	-3.5	-5.65	17.91	0.062	7.00	Pass
			RB12#0	22.57	-3.5	-5.65	16.92	0.049	7.00	Pass
			RB12#6	22.58	-3.5	-5.65	16.93	0.049	7.00	Pass
			RB12#13	22.57	-3.5	-5.65	16.92	0.049	7.00	Pass
			RB25#0	22.56	-3.5	-5.65	16.91	0.049	7.00	Pass
		16-QAM	RB1#0	23.06	-3.5	-5.65	17.41	0.055	7.00	Pass
			RB1#13	23.09	-3.5	-5.65	17.44	0.055	7.00	Pass
			RB1#24	23.12	-3.5	-5.65	17.47	0.056	7.00	Pass
			RB12#0	21.7	-3.5	-5.65	16.05	0.040	7.00	Pass
			RB12#6	21.74	-3.5	-5.65	16.09	0.041	7.00	Pass
			RB12#13	21.68	-3.5	-5.65	16.03	0.040	7.00	Pass
			RB25#0	21.63	-3.5	-5.65	15.98	0.040	7.00	Pass
	HCH	QPSK	RB1#0	23.65	-3.5	-5.65	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)										
			RB1#13	23.61	-3.5	-5.65	17.96	0.063	7.00	Pass
			RB1#24	23.57	-3.5	-5.65	17.92	0.062	7.00	Pass
			RB12#0	22.73	-3.5	-5.65	17.08	0.051	7.00	Pass
			RB12#6	22.62	-3.5	-5.65	16.97	0.050	7.00	Pass
			RB12#13	22.59	-3.5	-5.65	16.94	0.049	7.00	Pass
			RB25#0	22.64	-3.5	-5.65	16.99	0.050	7.00	Pass
		16-QAM	RB1#0	22.67	-3.5	-5.65	17.02	0.050	7.00	Pass
			RB1#13	22.61	-3.5	-5.65	16.96	0.050	7.00	Pass
			RB1#24	22.57	-3.5	-5.65	16.92	0.049	7.00	Pass
			RB12#0	21.71	-3.5	-5.65	16.06	0.040	7.00	Pass
			RB12#6	21.65	-3.5	-5.65	16.00	0.040	7.00	Pass
			RB12#13	21.58	-3.5	-5.65	15.93	0.039	7.00	Pass
			RB25#0	21.55	-3.5	-5.65	15.90	0.039	7.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.65	-3.5	-5.65	18.00	0.063	7.00	Pass
			RB1#25	23.65	-3.5	-5.65	18.00	0.063	7.00	Pass
			RB1#49	23.53	-3.5	-5.65	17.88	0.061	7.00	Pass
			RB25#0	22.64	-3.5	-5.65	16.99	0.050	7.00	Pass
			RB25#13	22.67	-3.5	-5.65	17.02	0.050	7.00	Pass
			RB25#25	22.54	-3.5	-5.65	16.89	0.049	7.00	Pass
			RB50#0	22.6	-3.5	-5.65	16.95	0.050	7.00	Pass
		16-QAM	RB1#0	22.58	-3.5	-5.65	16.93	0.049	7.00	Pass
			RB1#25	22.57	-3.5	-5.65	16.92	0.049	7.00	Pass
			RB1#49	22.45	-3.5	-5.65	16.80	0.048	7.00	Pass
			RB25#0	21.68	-3.5	-5.65	16.03	0.040	7.00	Pass
			RB25#13	21.67	-3.5	-5.65	16.02	0.040	7.00	Pass
			RB25#25	21.6	-3.5	-5.65	15.95	0.039	7.00	Pass
			RB50#0	21.62	-3.5	-5.65	15.97	0.040	7.00	Pass
	MCH	QPSK	RB1#0	23.58	-3.5	-5.65	17.93	0.062	7.00	Pass
			RB1#25	23.55	-3.5	-5.65	17.90	0.062	7.00	Pass
			RB1#49	23.5	-3.5	-5.65	17.85	0.061	7.00	Pass
			RB25#0	22.56	-3.5	-5.65	16.91	0.049	7.00	Pass
			RB25#13	22.52	-3.5	-5.65	16.87	0.049	7.00	Pass
			RB25#25	22.59	-3.5	-5.65	16.94	0.049	7.00	Pass
			RB50#0	22.55	-3.5	-5.65	16.90	0.049	7.00	Pass
		16-QAM	RB1#0	22.94	-3.5	-5.65	17.29	0.054	7.00	Pass
			RB1#25	22.92	-3.5	-5.65	17.27	0.053	7.00	Pass
			RB1#49	22.86	-3.5	-5.65	17.21	0.053	7.00	Pass
			RB25#0	21.63	-3.5	-5.65	15.98	0.040	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#13	21.58	-3.5	-5.65	15.93	0.039	7.00	Pass
			RB25#25	21.62	-3.5	-5.65	15.97	0.040	7.00	Pass
			RB50#0	21.6	-3.5	-5.65	15.95	0.039	7.00	Pass
	HCH	QPSK	RB1#0	23.58	-3.5	-5.65	17.93	0.062	7.00	Pass
			RB1#25	23.57	-3.5	-5.65	17.92	0.062	7.00	Pass
			RB1#49	23.48	-3.5	-5.65	17.83	0.061	7.00	Pass
			RB25#0	22.57	-3.5	-5.65	16.92	0.049	7.00	Pass
			RB25#13	22.6	-3.5	-5.65	16.95	0.050	7.00	Pass
			RB25#25	22.54	-3.5	-5.65	16.89	0.049	7.00	Pass
			RB50#0	22.57	-3.5	-5.65	16.92	0.049	7.00	Pass
		16-QAM	RB1#0	22.54	-3.5	-5.65	16.89	0.049	7.00	Pass
			RB1#25	22.55	-3.5	-5.65	16.90	0.049	7.00	Pass
			RB1#49	22.44	-3.5	-5.65	16.79	0.048	7.00	Pass
			RB25#0	21.69	-3.5	-5.65	16.04	0.040	7.00	Pass
			RB25#13	21.71	-3.5	-5.65	16.06	0.040	7.00	Pass
			RB25#25	21.6	-3.5	-5.65	15.95	0.039	7.00	Pass
			RB50#0	21.57	-3.5	-5.65	15.92	0.039	7.00	Pass
15 MHz	LCH	QPSK	RB1#0	23.6	-3.5	-5.65	17.95	0.062	7.00	Pass
			RB1#38	23.55	-3.5	-5.65	17.90	0.062	7.00	Pass
			RB1#74	23.48	-3.5	-5.65	17.83	0.061	7.00	Pass
			RB36#0	22.59	-3.5	-5.65	16.94	0.049	7.00	Pass
			RB36#19	22.6	-3.5	-5.65	16.95	0.050	7.00	Pass
			RB36#39	22.51	-3.5	-5.65	16.86	0.049	7.00	Pass
			RB75#0	22.56	-3.5	-5.65	16.91	0.049	7.00	Pass
		16-QAM	RB1#0	22.51	-3.5	-5.65	16.86	0.049	7.00	Pass
			RB1#38	22.49	-3.5	-5.65	16.84	0.048	7.00	Pass
			RB1#74	22.37	-3.5	-5.65	16.72	0.047	7.00	Pass
			RB36#0	21.61	-3.5	-5.65	15.96	0.039	7.00	Pass
			RB36#19	21.56	-3.5	-5.65	15.91	0.039	7.00	Pass
			RB36#39	21.5	-3.5	-5.65	15.85	0.038	7.00	Pass
			RB75#0	21.51	-3.5	-5.65	15.86	0.039	7.00	Pass
	MCH	QPSK	RB1#0	23.58	-3.5	-5.65	17.93	0.062	7.00	Pass
			RB1#38	23.52	-3.5	-5.65	17.87	0.061	7.00	Pass
			RB1#74	23.41	-3.5	-5.65	17.76	0.060	7.00	Pass
			RB36#0	22.59	-3.5	-5.65	16.94	0.049	7.00	Pass
			RB36#19	22.52	-3.5	-5.65	16.87	0.049	7.00	Pass
			RB36#39	22.5	-3.5	-5.65	16.85	0.048	7.00	Pass
			RB75#0	22.51	-3.5	-5.65	16.86	0.049	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	22.94	-3.5	-5.65	17.29	0.054	7.00	Pass
			RB1#38	22.89	-3.5	-5.65	17.24	0.053	7.00	Pass
			RB1#74	22.79	-3.5	-5.65	17.14	0.052	7.00	Pass
			RB36#0	21.62	-3.5	-5.65	15.97	0.040	7.00	Pass
			RB36#19	21.56	-3.5	-5.65	15.91	0.039	7.00	Pass
			RB36#39	21.55	-3.5	-5.65	15.90	0.039	7.00	Pass
			RB75#0	21.55	-3.5	-5.65	15.90	0.039	7.00	Pass
	HCH	QPSK	RB1#0	23.49	-3.5	-5.65	17.84	0.061	7.00	Pass
			RB1#38	23.46	-3.5	-5.65	17.81	0.060	7.00	Pass
			RB1#74	23.34	-3.5	-5.65	17.69	0.059	7.00	Pass
			RB36#0	22.53	-3.5	-5.65	16.88	0.049	7.00	Pass
			RB36#19	22.53	-3.5	-5.65	16.88	0.049	7.00	Pass
			RB36#39	22.47	-3.5	-5.65	16.82	0.048	7.00	Pass
			RB75#0	22.5	-3.5	-5.65	16.85	0.048	7.00	Pass
		16-QAM	RB1#0	22.96	-3.5	-5.65	17.31	0.054	7.00	Pass
			RB1#38	22.85	-3.5	-5.65	17.20	0.052	7.00	Pass
			RB1#74	22.76	-3.5	-5.65	17.11	0.051	7.00	Pass
			RB36#0	21.52	-3.5	-5.65	15.87	0.039	7.00	Pass
			RB36#19	21.49	-3.5	-5.65	15.84	0.038	7.00	Pass
			RB36#39	21.45	-3.5	-5.65	15.80	0.038	7.00	Pass
			RB75#0	21.45	-3.5	-5.65	15.80	0.038	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	23.93	-3.5	-5.65	18.28	0.067	100	Pass
			RB1#3	23.95	-3.5	-5.65	18.30	0.068	100	Pass
			RB1#5	24.01	-3.5	-5.65	18.36	0.069	100	Pass
			RB3#0	24.04	-3.5	-5.65	18.39	0.069	100	Pass
			RB3#2	24.05	-3.5	-5.65	18.40	0.069	100	Pass
			RB3#3	24.05	-3.5	-5.65	18.40	0.069	100	Pass
			RB6#0	23.03	-3.5	-5.65	17.38	0.055	100	Pass
		16-QAM	RB1#0	23.09	-3.5	-5.65	17.44	0.055	100	Pass
			RB1#3	23.13	-3.5	-5.65	17.48	0.056	100	Pass
			RB1#5	23.15	-3.5	-5.65	17.50	0.056	100	Pass
			RB3#0	23.04	-3.5	-5.65	17.39	0.055	100	Pass
			RB3#2	23.08	-3.5	-5.65	17.43	0.055	100	Pass
			RB3#3	23.1	-3.5	-5.65	17.45	0.056	100	Pass
			RB6#0	22.15	-3.5	-5.65	16.50	0.045	100	Pass
	MCH	QPSK	RB1#0	24.17	-3.5	-5.65	18.52	0.071	100	Pass
			RB1#3	24.19	-3.5	-5.65	18.54	0.071	100	Pass
			RB1#5	24.21	-3.5	-5.65	18.56	0.072	100	Pass
			RB3#0	24.27	-3.5	-5.65	18.62	0.073	100	Pass
			RB3#2	24.31	-3.5	-5.65	18.66	0.073	100	Pass
			RB3#3	24.3	-3.5	-5.65	18.65	0.073	100	Pass
			RB6#0	23.27	-3.5	-5.65	17.62	0.058	100	Pass
		16-QAM	RB1#0	23.64	-3.5	-5.65	17.99	0.063	100	Pass
			RB1#3	23.64	-3.5	-5.65	17.99	0.063	100	Pass
			RB1#5	23.67	-3.5	-5.65	18.02	0.063	100	Pass
			RB3#0	23.46	-3.5	-5.65	17.81	0.060	100	Pass
			RB3#2	23.45	-3.5	-5.65	17.80	0.060	100	Pass
			RB3#3	23.45	-3.5	-5.65	17.80	0.060	100	Pass
			RB6#0	22.15	-3.5	-5.65	16.50	0.045	100	Pass
	HCH	QPSK	RB1#0	24.37	-3.5	-5.65	18.72	0.074	100	Pass
			RB1#3	24.43	-3.5	-5.65	18.78	0.076	100	Pass
			RB1#5	24.42	-3.5	-5.65	18.77	0.075	100	Pass
			RB3#0	24.45	-3.5	-5.65	18.80	0.076	100	Pass
			RB3#2	24.5	-3.5	-5.65	18.85	0.077	100	Pass
			RB3#3	24.48	-3.5	-5.65	18.83	0.076	100	Pass
			RB6#0	23.48	-3.5	-5.65	17.83	0.061	100	Pass
		16-QAM	RB1#0	23.4	-3.5	-5.65	17.75	0.060	100	Pass
			RB1#3	23.43	-3.5	-5.65	17.78	0.060	100	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part90)										
			RB1#5	23.48	-3.5	-5.65	17.83	0.061	100	Pass
			RB3#0	23.58	-3.5	-5.65	17.93	0.062	100	Pass
			RB3#2	23.58	-3.5	-5.65	17.93	0.062	100	Pass
			RB3#3	23.57	-3.5	-5.65	17.92	0.062	100	Pass
			RB6#0	22.61	-3.5	-5.65	16.96	0.050	100	Pass
3 MHz	LCH	QPSK	RB1#0	24.02	-3.5	-5.65	18.37	0.069	100	Pass
			RB1#7	24.1	-3.5	-5.65	18.45	0.070	100	Pass
			RB1#14	24.09	-3.5	-5.65	18.44	0.070	100	Pass
			RB8#0	23.02	-3.5	-5.65	17.37	0.055	100	Pass
			RB8#4	23.08	-3.5	-5.65	17.43	0.055	100	Pass
			RB8#7	23.12	-3.5	-5.65	17.47	0.056	100	Pass
			RB15#0	23.03	-3.5	-5.65	17.38	0.055	100	Pass
		16-QAM	RB1#0	22.9	-3.5	-5.65	17.25	0.053	100	Pass
			RB1#7	23.01	-3.5	-5.65	17.36	0.054	100	Pass
			RB1#14	22.98	-3.5	-5.65	17.33	0.054	100	Pass
			RB8#0	22.13	-3.5	-5.65	16.48	0.044	100	Pass
			RB8#4	22.17	-3.5	-5.65	16.52	0.045	100	Pass
			RB8#7	22.2	-3.5	-5.65	16.55	0.045	100	Pass
			RB15#0	22.1	-3.5	-5.65	16.45	0.044	100	Pass
	MCH	QPSK	RB1#0	24.19	-3.5	-5.65	18.54	0.071	100	Pass
			RB1#7	24.22	-3.5	-5.65	18.57	0.072	100	Pass
			RB1#14	24.29	-3.5	-5.65	18.64	0.073	100	Pass
			RB8#0	23.24	-3.5	-5.65	17.59	0.057	100	Pass
			RB8#4	23.26	-3.5	-5.65	17.61	0.058	100	Pass
			RB8#7	23.31	-3.5	-5.65	17.66	0.058	100	Pass
			RB15#0	23.25	-3.5	-5.65	17.60	0.058	100	Pass
		16-QAM	RB1#0	23.59	-3.5	-5.65	17.94	0.062	100	Pass
			RB1#7	23.63	-3.5	-5.65	17.98	0.063	100	Pass
			RB1#14	23.74	-3.5	-5.65	18.09	0.064	100	Pass
			RB8#0	22.33	-3.5	-5.65	16.68	0.047	100	Pass
			RB8#4	22.36	-3.5	-5.65	16.71	0.047	100	Pass
			RB8#7	22.38	-3.5	-5.65	16.73	0.047	100	Pass
			RB15#0	22.29	-3.5	-5.65	16.64	0.046	100	Pass
	HCH	QPSK	RB1#0	24.36	-3.5	-5.65	18.71	0.074	100	Pass
			RB1#7	24.42	-3.5	-5.65	18.77	0.075	100	Pass
			RB1#14	24.45	-3.5	-5.65	18.80	0.076	100	Pass
			RB8#0	23.38	-3.5	-5.65	17.73	0.059	100	Pass
			RB8#4	23.4	-3.5	-5.65	17.75	0.060	100	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part90)										
			RB8#7	23.41	-3.5	-5.65	17.76	0.060	100	Pass
			RB15#0	23.41	-3.5	-5.65	17.76	0.060	100	Pass
		16-QAM	RB1#0	23.39	-3.5	-5.65	17.74	0.059	100	Pass
			RB1#7	23.43	-3.5	-5.65	17.78	0.060	100	Pass
			RB1#14	23.45	-3.5	-5.65	17.80	0.060	100	Pass
			RB8#0	22.44	-3.5	-5.65	16.79	0.048	100	Pass
			RB8#4	22.45	-3.5	-5.65	16.80	0.048	100	Pass
			RB8#7	22.44	-3.5	-5.65	16.79	0.048	100	Pass
			RB15#0	22.37	-3.5	-5.65	16.72	0.047	100	Pass
5 MHz	LCH	QPSK	RB1#0	24.22	-3.5	-5.65	18.57	0.072	100	Pass
			RB1#13	24.29	-3.5	-5.65	18.64	0.073	100	Pass
			RB1#24	24.43	-3.5	-5.65	18.78	0.076	100	Pass
			RB12#0	23.09	-3.5	-5.65	17.44	0.055	100	Pass
			RB12#6	23.12	-3.5	-5.65	17.47	0.056	100	Pass
			RB12#13	23.25	-3.5	-5.65	17.60	0.058	100	Pass
			RB25#0	23.14	-3.5	-5.65	17.49	0.056	100	Pass
		16-QAM	RB1#0	23.3	-3.5	-5.65	17.65	0.058	100	Pass
			RB1#13	23.36	-3.5	-5.65	17.71	0.059	100	Pass
			RB1#24	23.5	-3.5	-5.65	17.85	0.061	100	Pass
			RB12#0	22.14	-3.5	-5.65	16.49	0.045	100	Pass
			RB12#6	22.17	-3.5	-5.65	16.52	0.045	100	Pass
			RB12#13	22.28	-3.5	-5.65	16.63	0.046	100	Pass
			RB25#0	22.2	-3.5	-5.65	16.55	0.045	100	Pass
	MCH	QPSK	RB1#0	24.2	-3.5	-5.65	18.55	0.072	100	Pass
			RB1#13	24.28	-3.5	-5.65	18.63	0.073	100	Pass
			RB1#24	24.39	-3.5	-5.65	18.74	0.075	100	Pass
			RB12#0	23.19	-3.5	-5.65	17.54	0.057	100	Pass
			RB12#6	23.28	-3.5	-5.65	17.63	0.058	100	Pass
			RB12#13	23.34	-3.5	-5.65	17.69	0.059	100	Pass
			RB25#0	23.29	-3.5	-5.65	17.64	0.058	100	Pass
		16-QAM	RB1#0	23.67	-3.5	-5.65	18.02	0.063	100	Pass
			RB1#13	23.84	-3.5	-5.65	18.19	0.066	100	Pass
			RB1#24	24	-3.5	-5.65	18.35	0.068	100	Pass
			RB12#0	22.28	-3.5	-5.65	16.63	0.046	100	Pass
			RB12#6	22.42	-3.5	-5.65	16.77	0.048	100	Pass
			RB12#13	22.5	-3.5	-5.65	16.85	0.048	100	Pass
			RB25#0	22.34	-3.5	-5.65	16.69	0.047	100	Pass
	HCH	QPSK	RB1#0	24.35	-3.5	-5.65	18.70	0.074	100	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (Part90)										
			RB1#13	24.41	-3.5	-5.65	18.76	0.075	100	Pass
			RB1#24	24.53	-3.5	-5.65	18.88	0.077	100	Pass
			RB12#0	23.31	-3.5	-5.65	17.66	0.058	100	Pass
			RB12#6	23.43	-3.5	-5.65	17.78	0.060	100	Pass
			RB12#13	23.42	-3.5	-5.65	17.77	0.060	100	Pass
			RB25#0	23.31	-3.5	-5.65	17.66	0.058	100	Pass
		16-QAM	RB1#0	23.35	-3.5	-5.65	17.70	0.059	100	Pass
			RB1#13	23.43	-3.5	-5.65	17.78	0.060	100	Pass
			RB1#24	23.52	-3.5	-5.65	17.87	0.061	100	Pass
			RB12#0	22.35	-3.5	-5.65	16.70	0.047	100	Pass
			RB12#6	22.43	-3.5	-5.65	16.78	0.048	100	Pass
			RB12#13	22.46	-3.5	-5.65	16.81	0.048	100	Pass
			RB25#0	22.31	-3.5	-5.65	16.66	0.046	100	Pass
10 MHz	MCH	QPSK	RB1#0	24.07	-3.5	-5.65	18.42	0.070	100	Pass
			RB1#25	24.32	-3.5	-5.65	18.67	0.074	100	Pass
			RB1#49	24.49	-3.5	-5.65	18.84	0.077	100	Pass
			RB25#0	23.11	-3.5	-5.65	17.46	0.056	100	Pass
			RB25#13	23.3	-3.5	-5.65	17.65	0.058	100	Pass
			RB25#25	23.38	-3.5	-5.65	17.73	0.059	100	Pass
			RB50#0	23.29	-3.5	-5.65	17.64	0.058	100	Pass
		16-QAM	RB1#0	22.95	-3.5	-5.65	17.30	0.054	100	Pass
			RB1#25	23.17	-3.5	-5.65	17.52	0.056	100	Pass
			RB1#49	23.38	-3.5	-5.65	17.73	0.059	100	Pass
			RB25#0	22.09	-3.5	-5.65	16.44	0.044	100	Pass
			RB25#13	22.35	-3.5	-5.65	16.70	0.047	100	Pass
			RB25#25	22.49	-3.5	-5.65	16.84	0.048	100	Pass
			RB50#0	22.27	-3.5	-5.65	16.62	0.046	100	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	23.29	-0.4	22.89	0.195	2.00	Pass
			RB1#13	23.27	-0.4	22.87	0.194	2.00	Pass
			RB1#24	23.25	-0.4	22.85	0.193	2.00	Pass
			RB12#0	22.26	-0.4	21.86	0.153	2.00	Pass
			RB12#6	22.21	-0.4	21.81	0.152	2.00	Pass
			RB12#13	22.14	-0.4	21.74	0.149	2.00	Pass
			RB25#0	22.21	-0.4	21.81	0.152	2.00	Pass
		16-QAM	RB1#0	22.64	-0.4	22.24	0.167	2.00	Pass
			RB1#13	22.6	-0.4	22.20	0.166	2.00	Pass
			RB1#24	22.62	-0.4	22.22	0.167	2.00	Pass
			RB12#0	21.33	-0.4	20.93	0.124	2.00	Pass
			RB12#6	21.29	-0.4	20.89	0.123	2.00	Pass
			RB12#13	21.25	-0.4	20.85	0.122	2.00	Pass
			RB25#0	21.25	-0.4	20.85	0.122	2.00	Pass
	MCH	QPSK	RB1#0	23.15	-0.4	22.75	0.188	2.00	Pass
			RB1#13	23.14	-0.4	22.74	0.188	2.00	Pass
			RB1#24	23.15	-0.4	22.75	0.188	2.00	Pass
			RB12#0	22.14	-0.4	21.74	0.149	2.00	Pass
			RB12#6	22.06	-0.4	21.66	0.147	2.00	Pass
			RB12#13	22.04	-0.4	21.64	0.146	2.00	Pass
			RB25#0	22.12	-0.4	21.72	0.149	2.00	Pass
		16-QAM	RB1#0	22.32	-0.4	21.92	0.156	2.00	Pass
			RB1#13	22.3	-0.4	21.90	0.155	2.00	Pass
			RB1#24	22.3	-0.4	21.90	0.155	2.00	Pass
			RB12#0	21.15	-0.4	20.75	0.119	2.00	Pass
			RB12#6	21.09	-0.4	20.69	0.117	2.00	Pass
			RB12#13	21.11	-0.4	20.71	0.118	2.00	Pass
			RB25#0	21.14	-0.4	20.74	0.119	2.00	Pass
	HCH	QPSK	RB1#0	23.28	-0.4	22.88	0.194	2.00	Pass
			RB1#13	23.29	-0.4	22.89	0.195	2.00	Pass
			RB1#24	23.35	-0.4	22.95	0.197	2.00	Pass
			RB12#0	22.28	-0.4	21.88	0.154	2.00	Pass
			RB12#6	22.32	-0.4	21.92	0.156	2.00	Pass
			RB12#13	22.29	-0.4	21.89	0.155	2.00	Pass
			RB25#0	22.29	-0.4	21.89	0.155	2.00	Pass
		16-QAM	RB1#0	22.6	-0.4	22.20	0.166	2.00	Pass
			RB1#13	22.64	-0.4	22.24	0.167	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
			RB1#24	22.63	-0.4	22.23	0.167	2.00	Pass
			RB12#0	21.28	-0.4	20.88	0.122	2.00	Pass
			RB12#6	21.27	-0.4	20.87	0.122	2.00	Pass
			RB12#13	21.26	-0.4	20.86	0.122	2.00	Pass
			RB25#0	21.31	-0.4	20.91	0.123	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.23	-0.4	22.83	0.192	2.00	Pass
			RB1#25	23.25	-0.4	22.85	0.193	2.00	Pass
			RB1#49	23.21	-0.4	22.81	0.191	2.00	Pass
			RB25#0	22.26	-0.4	21.86	0.153	2.00	Pass
			RB25#13	22.23	-0.4	21.83	0.152	2.00	Pass
			RB25#25	22.23	-0.4	21.83	0.152	2.00	Pass
			RB50#0	22.29	-0.4	21.89	0.155	2.00	Pass
		16-QAM	RB1#0	22.51	-0.4	22.11	0.163	2.00	Pass
			RB1#25	22.51	-0.4	22.11	0.163	2.00	Pass
			RB1#49	22.46	-0.4	22.06	0.161	2.00	Pass
			RB25#0	21.27	-0.4	20.87	0.122	2.00	Pass
			RB25#13	21.26	-0.4	20.86	0.122	2.00	Pass
			RB25#25	21.25	-0.4	20.85	0.122	2.00	Pass
			RB50#0	21.23	-0.4	20.83	0.121	2.00	Pass
	MCH	QPSK	RB1#0	23.18	-0.4	22.78	0.190	2.00	Pass
			RB1#25	23.18	-0.4	22.78	0.190	2.00	Pass
			RB1#49	23.13	-0.4	22.73	0.187	2.00	Pass
			RB25#0	22.14	-0.4	21.74	0.149	2.00	Pass
			RB25#13	22.08	-0.4	21.68	0.147	2.00	Pass
			RB25#25	22.08	-0.4	21.68	0.147	2.00	Pass
			RB50#0	22.11	-0.4	21.71	0.148	2.00	Pass
		16-QAM	RB1#0	22.59	-0.4	22.19	0.166	2.00	Pass
			RB1#25	22.58	-0.4	22.18	0.165	2.00	Pass
			RB1#49	22.56	-0.4	22.16	0.164	2.00	Pass
			RB25#0	21.11	-0.4	20.71	0.118	2.00	Pass
			RB25#13	21.13	-0.4	20.73	0.118	2.00	Pass
			RB25#25	21.05	-0.4	20.65	0.116	2.00	Pass
			RB50#0	21.09	-0.4	20.69	0.117	2.00	Pass
	HCH	QPSK	RB1#0	23.3	-0.4	22.90	0.195	2.00	Pass
			RB1#25	23.3	-0.4	22.90	0.195	2.00	Pass
			RB1#49	23.32	-0.4	22.92	0.196	2.00	Pass
			RB25#0	22.24	-0.4	21.84	0.153	2.00	Pass
			RB25#13	22.24	-0.4	21.84	0.153	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
			RB25#25	22.25	-0.4	21.85	0.153	2.00	Pass
			RB50#0	22.28	-0.4	21.88	0.154	2.00	Pass
		16-QAM	RB1#0	22.67	-0.4	22.27	0.169	2.00	Pass
			RB1#25	22.67	-0.4	22.27	0.169	2.00	Pass
			RB1#49	22.71	-0.4	22.31	0.170	2.00	Pass
			RB25#0	21.29	-0.4	20.89	0.123	2.00	Pass
			RB25#13	21.28	-0.4	20.88	0.122	2.00	Pass
			RB25#25	21.29	-0.4	20.89	0.123	2.00	Pass
			RB50#0	21.25	-0.4	20.85	0.122	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	23.19	-0.4	22.79	0.190	2.00	Pass
			RB1#38	23.23	-0.4	22.83	0.192	2.00	Pass
			RB1#74	23.08	-0.4	22.68	0.185	2.00	Pass
			RB36#0	22.17	-0.4	21.77	0.150	2.00	Pass
			RB36#19	22.15	-0.4	21.75	0.150	2.00	Pass
			RB36#39	22.15	-0.4	21.75	0.150	2.00	Pass
			RB75#0	22.19	-0.4	21.79	0.151	2.00	Pass
		16-QAM	RB1#0	22.51	-0.4	22.11	0.163	2.00	Pass
			RB1#38	22.52	-0.4	22.12	0.163	2.00	Pass
			RB1#74	22.36	-0.4	21.96	0.157	2.00	Pass
			RB36#0	21.21	-0.4	20.81	0.121	2.00	Pass
			RB36#19	21.16	-0.4	20.76	0.119	2.00	Pass
			RB36#39	21.12	-0.4	20.72	0.118	2.00	Pass
			RB75#0	21.2	-0.4	20.80	0.120	2.00	Pass
	MCH	QPSK	RB1#0	23.13	-0.4	22.73	0.187	2.00	Pass
			RB1#38	23.18	-0.4	22.78	0.190	2.00	Pass
			RB1#74	23.05	-0.4	22.65	0.184	2.00	Pass
			RB36#0	22.08	-0.4	21.68	0.147	2.00	Pass
			RB36#19	22.07	-0.4	21.67	0.147	2.00	Pass
			RB36#39	22.06	-0.4	21.66	0.147	2.00	Pass
			RB75#0	22.07	-0.4	21.67	0.147	2.00	Pass
		16-QAM	RB1#0	22.61	-0.4	22.21	0.166	2.00	Pass
			RB1#38	22.59	-0.4	22.19	0.166	2.00	Pass
			RB1#74	22.52	-0.4	22.12	0.163	2.00	Pass
			RB36#0	21.06	-0.4	20.66	0.116	2.00	Pass
			RB36#19	21.04	-0.4	20.64	0.116	2.00	Pass
			RB36#39	21.02	-0.4	20.62	0.115	2.00	Pass
			RB75#0	21.07	-0.4	20.67	0.117	2.00	Pass
	HCH	QPSK	RB1#0	23.17	-0.4	22.77	0.189	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
			RB1#38	23.2	-0.4	22.80	0.191	2.00	Pass
			RB1#74	23.18	-0.4	22.78	0.190	2.00	Pass
			RB36#0	22.12	-0.4	21.72	0.149	2.00	Pass
			RB36#19	22.15	-0.4	21.75	0.150	2.00	Pass
			RB36#39	22.17	-0.4	21.77	0.150	2.00	Pass
			RB75#0	22.18	-0.4	21.78	0.151	2.00	Pass
		16-QAM	RB1#0	22.5	-0.4	22.10	0.162	2.00	Pass
			RB1#38	22.54	-0.4	22.14	0.164	2.00	Pass
			RB1#74	22.49	-0.4	22.09	0.162	2.00	Pass
			RB36#0	21.15	-0.4	20.75	0.119	2.00	Pass
			RB36#19	21.18	-0.4	20.78	0.120	2.00	Pass
			RB36#39	21.17	-0.4	20.77	0.119	2.00	Pass
			RB75#0	21.15	-0.4	20.75	0.119	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	23.22	-0.4	22.82	0.191	2.00	Pass
			RB1#50	23.22	-0.4	22.82	0.191	2.00	Pass
			RB1#99	23.07	-0.4	22.67	0.185	2.00	Pass
			RB50#0	22.25	-0.4	21.85	0.153	2.00	Pass
			RB50#25	22.24	-0.4	21.84	0.153	2.00	Pass
			RB50#50	22.14	-0.4	21.74	0.149	2.00	Pass
			RB100#0	22.18	-0.4	21.78	0.151	2.00	Pass
		16-QAM	RB1#0	22.53	-0.4	22.13	0.163	2.00	Pass
			RB1#50	22.57	-0.4	22.17	0.165	2.00	Pass
			RB1#99	22.42	-0.4	22.02	0.159	2.00	Pass
			RB50#0	21.19	-0.4	20.79	0.120	2.00	Pass
			RB50#25	21.18	-0.4	20.78	0.120	2.00	Pass
			RB50#50	21.11	-0.4	20.71	0.118	2.00	Pass
			RB100#0	21.16	-0.4	20.76	0.119	2.00	Pass
	MCH	QPSK	RB1#0	23.06	-0.4	22.66	0.185	2.00	Pass
			RB1#50	23.13	-0.4	22.73	0.187	2.00	Pass
			RB1#99	22.97	-0.4	22.57	0.181	2.00	Pass
			RB50#0	22.13	-0.4	21.73	0.149	2.00	Pass
			RB50#25	22.13	-0.4	21.73	0.149	2.00	Pass
			RB50#50	22.11	-0.4	21.71	0.148	2.00	Pass
			RB100#0	22.09	-0.4	21.69	0.148	2.00	Pass
		16-QAM	RB1#0	22.3	-0.4	21.90	0.155	2.00	Pass
			RB1#50	22.32	-0.4	21.92	0.156	2.00	Pass
			RB1#99	22.23	-0.4	21.83	0.152	2.00	Pass
			RB50#0	21.1	-0.4	20.70	0.117	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
			RB50#25	21.09	-0.4	20.69	0.117	2.00	Pass
			RB50#50	21.08	-0.4	20.68	0.117	2.00	Pass
			RB100#0	21.13	-0.4	20.73	0.118	2.00	Pass
	HCH	QPSK	RB1#0	23.18	-0.4	22.78	0.190	2.00	Pass
			RB1#50	23.29	-0.4	22.89	0.195	2.00	Pass
			RB1#99	23.24	-0.4	22.84	0.192	2.00	Pass
			RB50#0	22.14	-0.4	21.74	0.149	2.00	Pass
			RB50#25	22.17	-0.4	21.77	0.150	2.00	Pass
			RB50#50	22.16	-0.4	21.76	0.150	2.00	Pass
			RB100#0	22.16	-0.4	21.76	0.150	2.00	Pass
		16-QAM	RB1#0	22.5	-0.4	22.10	0.162	2.00	Pass
			RB1#50	22.59	-0.4	22.19	0.166	2.00	Pass
			RB1#99	22.54	-0.4	22.14	0.164	2.00	Pass
			RB50#0	21.19	-0.4	20.79	0.120	2.00	Pass
			RB50#25	21.21	-0.4	20.81	0.121	2.00	Pass
			RB50#50	21.2	-0.4	20.80	0.120	2.00	Pass
			RB100#0	21.15	-0.4	20.75	0.119	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	24.56	-0.4	24.16	0.261	2.00	Pass
			RB1#13	24.58	-0.4	24.18	0.262	2.00	Pass
			RB1#24	24.58	-0.4	24.18	0.262	2.00	Pass
			RB12#0	23.47	-0.4	23.07	0.203	2.00	Pass
			RB12#6	23.48	-0.4	23.08	0.203	2.00	Pass
			RB12#13	23.48	-0.4	23.08	0.203	2.00	Pass
			RB25#0	23.46	-0.4	23.06	0.202	2.00	Pass
		16-QAM	RB1#0	23.69	-0.4	23.29	0.213	2.00	Pass
			RB1#13	23.72	-0.4	23.32	0.215	2.00	Pass
			RB1#24	23.76	-0.4	23.36	0.217	2.00	Pass
			RB12#0	22.51	-0.4	22.11	0.163	2.00	Pass
			RB12#6	22.51	-0.4	22.11	0.163	2.00	Pass
			RB12#13	22.53	-0.4	22.13	0.163	2.00	Pass
			RB25#0	22.48	-0.4	22.08	0.161	2.00	Pass
	MCH	QPSK	RB1#0	24.53	-0.4	24.13	0.259	2.00	Pass
			RB1#13	24.58	-0.4	24.18	0.262	2.00	Pass
			RB1#24	24.57	-0.4	24.17	0.261	2.00	Pass
			RB12#0	23.46	-0.4	23.06	0.202	2.00	Pass
			RB12#6	23.5	-0.4	23.10	0.204	2.00	Pass
			RB12#13	23.51	-0.4	23.11	0.205	2.00	Pass
			RB25#0	23.54	-0.4	23.14	0.206	2.00	Pass
		16-QAM	RB1#0	23.86	-0.4	23.46	0.222	2.00	Pass
			RB1#13	23.9	-0.4	23.50	0.224	2.00	Pass
			RB1#24	23.91	-0.4	23.51	0.224	2.00	Pass
			RB12#0	22.47	-0.4	22.07	0.161	2.00	Pass
			RB12#6	22.46	-0.4	22.06	0.161	2.00	Pass
			RB12#13	22.48	-0.4	22.08	0.161	2.00	Pass
			RB25#0	22.57	-0.4	22.17	0.165	2.00	Pass
	HCH	QPSK	RB1#0	24.9	-0.4	24.50	0.282	2.00	Pass
			RB1#13	24.96	-0.4	24.56	0.286	2.00	Pass
			RB1#24	24.94	-0.4	24.54	0.284	2.00	Pass
			RB12#0	23.85	-0.4	23.45	0.221	2.00	Pass
			RB12#6	23.84	-0.4	23.44	0.221	2.00	Pass
			RB12#13	23.81	-0.4	23.41	0.219	2.00	Pass
			RB25#0	23.82	-0.4	23.42	0.220	2.00	Pass
		16-QAM	RB1#0	24.03	-0.4	23.63	0.231	2.00	Pass
			RB1#13	24.07	-0.4	23.67	0.233	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
			RB1#24	24.07	-0.4	23.67	0.233	2.00	Pass
			RB12#0	22.84	-0.4	22.44	0.175	2.00	Pass
			RB12#6	22.88	-0.4	22.48	0.177	2.00	Pass
			RB12#13	22.89	-0.4	22.49	0.177	2.00	Pass
			RB25#0	22.89	-0.4	22.49	0.177	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	24.51	-0.4	24.11	0.258	2.00	Pass
			RB1#25	24.56	-0.4	24.16	0.261	2.00	Pass
			RB1#49	24.56	-0.4	24.16	0.261	2.00	Pass
			RB25#0	23.44	-0.4	23.04	0.201	2.00	Pass
			RB25#13	23.52	-0.4	23.12	0.205	2.00	Pass
			RB25#25	23.54	-0.4	23.14	0.206	2.00	Pass
			RB50#0	23.53	-0.4	23.13	0.206	2.00	Pass
		16-QAM	RB1#0	23.74	-0.4	23.34	0.216	2.00	Pass
			RB1#25	23.82	-0.4	23.42	0.220	2.00	Pass
			RB1#49	23.81	-0.4	23.41	0.219	2.00	Pass
			RB25#0	22.46	-0.4	22.06	0.161	2.00	Pass
			RB25#13	22.51	-0.4	22.11	0.163	2.00	Pass
			RB25#25	22.54	-0.4	22.14	0.164	2.00	Pass
			RB50#0	22.51	-0.4	22.11	0.163	2.00	Pass
	MCH	QPSK	RB1#0	24.54	-0.4	24.14	0.259	2.00	Pass
			RB1#25	24.59	-0.4	24.19	0.262	2.00	Pass
			RB1#49	24.61	-0.4	24.21	0.264	2.00	Pass
			RB25#0	23.5	-0.4	23.10	0.204	2.00	Pass
			RB25#13	23.54	-0.4	23.14	0.206	2.00	Pass
			RB25#25	23.56	-0.4	23.16	0.207	2.00	Pass
			RB50#0	23.54	-0.4	23.14	0.206	2.00	Pass
		16-QAM	RB1#0	23.97	-0.4	23.57	0.228	2.00	Pass
			RB1#25	24.05	-0.4	23.65	0.232	2.00	Pass
			RB1#49	24.06	-0.4	23.66	0.232	2.00	Pass
			RB25#0	22.48	-0.4	22.08	0.161	2.00	Pass
			RB25#13	22.58	-0.4	22.18	0.165	2.00	Pass
			RB25#25	22.58	-0.4	22.18	0.165	2.00	Pass
			RB50#0	22.57	-0.4	22.17	0.165	2.00	Pass
	HCH	QPSK	RB1#0	24.77	-0.4	24.37	0.274	2.00	Pass
			RB1#25	24.88	-0.4	24.48	0.281	2.00	Pass
			RB1#49	24.91	-0.4	24.51	0.282	2.00	Pass
			RB25#0	23.78	-0.4	23.38	0.218	2.00	Pass
			RB25#13	23.81	-0.4	23.41	0.219	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
			RB25#25	23.84	-0.4	23.44	0.221	2.00	Pass
			RB50#0	23.82	-0.4	23.42	0.220	2.00	Pass
		16-QAM	RB1#0	24.19	-0.4	23.79	0.239	2.00	Pass
			RB1#25	24.26	-0.4	23.86	0.243	2.00	Pass
			RB1#49	24.28	-0.4	23.88	0.244	2.00	Pass
			RB25#0	22.85	-0.4	22.45	0.176	2.00	Pass
			RB25#13	22.85	-0.4	22.45	0.176	2.00	Pass
			RB25#25	22.86	-0.4	22.46	0.176	2.00	Pass
			RB50#0	22.83	-0.4	22.43	0.175	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	24.41	-0.4	24.01	0.252	2.00	Pass
			RB1#38	24.55	-0.4	24.15	0.260	2.00	Pass
			RB1#74	24.55	-0.4	24.15	0.260	2.00	Pass
			RB36#0	23.44	-0.4	23.04	0.201	2.00	Pass
			RB36#19	23.45	-0.4	23.05	0.202	2.00	Pass
			RB36#39	23.5	-0.4	23.10	0.204	2.00	Pass
			RB75#0	23.46	-0.4	23.06	0.202	2.00	Pass
		16-QAM	RB1#0	23.68	-0.4	23.28	0.213	2.00	Pass
			RB1#38	23.84	-0.4	23.44	0.221	2.00	Pass
			RB1#74	23.76	-0.4	23.36	0.217	2.00	Pass
			RB36#0	22.44	-0.4	22.04	0.160	2.00	Pass
			RB36#19	22.48	-0.4	22.08	0.161	2.00	Pass
			RB36#39	22.47	-0.4	22.07	0.161	2.00	Pass
			RB75#0	22.45	-0.4	22.05	0.160	2.00	Pass
	MCH	QPSK	RB1#0	24.46	-0.4	24.06	0.255	2.00	Pass
			RB1#38	24.58	-0.4	24.18	0.262	2.00	Pass
			RB1#74	24.55	-0.4	24.15	0.260	2.00	Pass
			RB36#0	23.44	-0.4	23.04	0.201	2.00	Pass
			RB36#19	23.5	-0.4	23.10	0.204	2.00	Pass
			RB36#39	23.51	-0.4	23.11	0.205	2.00	Pass
			RB75#0	23.55	-0.4	23.15	0.207	2.00	Pass
		16-QAM	RB1#0	23.79	-0.4	23.39	0.218	2.00	Pass
			RB1#38	23.88	-0.4	23.48	0.223	2.00	Pass
			RB1#74	23.88	-0.4	23.48	0.223	2.00	Pass
			RB36#0	22.48	-0.4	22.08	0.161	2.00	Pass
			RB36#19	22.56	-0.4	22.16	0.164	2.00	Pass
			RB36#39	22.59	-0.4	22.19	0.166	2.00	Pass
			RB75#0	22.52	-0.4	22.12	0.163	2.00	Pass
	HCH	QPSK	RB1#0	24.65	-0.4	24.25	0.266	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
			RB1#38	24.84	-0.4	24.44	0.278	2.00	Pass
			RB1#74	24.83	-0.4	24.43	0.277	2.00	Pass
			RB36#0	23.71	-0.4	23.31	0.214	2.00	Pass
			RB36#19	23.77	-0.4	23.37	0.217	2.00	Pass
			RB36#39	23.77	-0.4	23.37	0.217	2.00	Pass
			RB75#0	23.77	-0.4	23.37	0.217	2.00	Pass
		16-QAM	RB1#0	24.01	-0.4	23.61	0.230	2.00	Pass
			RB1#38	24.13	-0.4	23.73	0.236	2.00	Pass
			RB1#74	24.17	-0.4	23.77	0.238	2.00	Pass
			RB36#0	22.78	-0.4	22.38	0.173	2.00	Pass
			RB36#19	22.82	-0.4	22.42	0.175	2.00	Pass
			RB36#39	22.84	-0.4	22.44	0.175	2.00	Pass
			RB75#0	22.75	-0.4	22.35	0.172	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	24.33	-0.4	23.93	0.247	2.00	Pass
			RB1#50	24.53	-0.4	24.13	0.259	2.00	Pass
			RB1#99	24.46	-0.4	24.06	0.255	2.00	Pass
			RB50#0	23.42	-0.4	23.02	0.200	2.00	Pass
			RB50#25	23.53	-0.4	23.13	0.206	2.00	Pass
			RB50#50	23.55	-0.4	23.15	0.207	2.00	Pass
			RB100#0	23.5	-0.4	23.10	0.204	2.00	Pass
		16-QAM	RB1#0	23.66	-0.4	23.26	0.212	2.00	Pass
			RB1#50	23.84	-0.4	23.44	0.221	2.00	Pass
			RB1#99	23.79	-0.4	23.39	0.218	2.00	Pass
			RB50#0	22.38	-0.4	21.98	0.158	2.00	Pass
			RB50#25	22.5	-0.4	22.10	0.162	2.00	Pass
			RB50#50	22.49	-0.4	22.09	0.162	2.00	Pass
			RB100#0	22.45	-0.4	22.05	0.160	2.00	Pass
	MCH	QPSK	RB1#0	24.37	-0.4	23.97	0.249	2.00	Pass
			RB1#50	24.57	-0.4	24.17	0.261	2.00	Pass
			RB1#99	24.58	-0.4	24.18	0.262	2.00	Pass
			RB50#0	23.51	-0.4	23.11	0.205	2.00	Pass
			RB50#25	23.56	-0.4	23.16	0.207	2.00	Pass
			RB50#50	23.64	-0.4	23.24	0.211	2.00	Pass
			RB100#0	23.56	-0.4	23.16	0.207	2.00	Pass
		16-QAM	RB1#0	23.61	-0.4	23.21	0.209	2.00	Pass
			RB1#50	23.79	-0.4	23.39	0.218	2.00	Pass
			RB1#99	23.78	-0.4	23.38	0.218	2.00	Pass
			RB50#0	22.5	-0.4	22.10	0.162	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
			RB50#25	22.56	-0.4	22.16	0.164	2.00	Pass
			RB50#50	22.58	-0.4	22.18	0.165	2.00	Pass
			RB100#0	22.58	-0.4	22.18	0.165	2.00	Pass
	HCH	QPSK	RB1#0	24.69	-0.4	24.29	0.269	2.00	Pass
			RB1#50	24.94	-0.4	24.54	0.284	2.00	Pass
			RB1#99	24.94	-0.4	24.54	0.284	2.00	Pass
			RB50#0	23.76	-0.4	23.36	0.217	2.00	Pass
			RB50#25	23.78	-0.4	23.38	0.218	2.00	Pass
			RB50#50	23.77	-0.4	23.37	0.217	2.00	Pass
			RB100#0	23.78	-0.4	23.38	0.218	2.00	Pass
		16-QAM	RB1#0	24.01	-0.4	23.61	0.230	2.00	Pass
			RB1#50	24.24	-0.4	23.84	0.242	2.00	Pass
			RB1#99	24.24	-0.4	23.84	0.242	2.00	Pass
			RB50#0	22.78	-0.4	22.38	0.173	2.00	Pass
			RB50#25	22.83	-0.4	22.43	0.175	2.00	Pass
			RB50#50	22.82	-0.4	22.42	0.175	2.00	Pass
			RB100#0	22.77	-0.4	22.37	0.173	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
1.4 MHz	LCH	QPSK	RB1#0	23.39	-0.8	22.59	0.182	1.00	Pass
			RB1#3	23.37	-0.8	22.57	0.181	1.00	Pass
			RB1#5	23.4	-0.8	22.60	0.182	1.00	Pass
			RB3#0	23.44	-0.8	22.64	0.184	1.00	Pass
			RB3#2	23.46	-0.8	22.66	0.185	1.00	Pass
			RB3#3	23.44	-0.8	22.64	0.184	1.00	Pass
			RB6#0	22.42	-0.8	21.62	0.145	1.00	Pass
		16-QAM	RB1#0	22.59	-0.8	21.79	0.151	1.00	Pass
			RB1#3	22.56	-0.8	21.76	0.150	1.00	Pass
			RB1#5	22.59	-0.8	21.79	0.151	1.00	Pass
			RB3#0	22.48	-0.8	21.68	0.147	1.00	Pass
			RB3#2	22.48	-0.8	21.68	0.147	1.00	Pass
			RB3#3	22.47	-0.8	21.67	0.147	1.00	Pass
			RB6#0	21.57	-0.8	20.77	0.119	1.00	Pass
	MCH	QPSK	RB1#0	23.42	-0.8	22.62	0.183	1.00	Pass
			RB1#3	23.41	-0.8	22.61	0.182	1.00	Pass
			RB1#5	23.42	-0.8	22.62	0.183	1.00	Pass
			RB3#0	23.44	-0.8	22.64	0.184	1.00	Pass
			RB3#2	23.43	-0.8	22.63	0.183	1.00	Pass
			RB3#3	23.39	-0.8	22.59	0.182	1.00	Pass
			RB6#0	22.43	-0.8	21.63	0.146	1.00	Pass
		16-QAM	RB1#0	22.86	-0.8	22.06	0.161	1.00	Pass
			RB1#3	22.79	-0.8	21.99	0.158	1.00	Pass
			RB1#5	22.78	-0.8	21.98	0.158	1.00	Pass
			RB3#0	22.65	-0.8	21.85	0.153	1.00	Pass
			RB3#2	22.57	-0.8	21.77	0.150	1.00	Pass
			RB3#3	22.6	-0.8	21.80	0.151	1.00	Pass
			RB6#0	21.33	-0.8	20.53	0.113	1.00	Pass
	HCH	QPSK	RB1#0	23.4	-0.8	22.60	0.182	1.00	Pass
			RB1#3	23.41	-0.8	22.61	0.182	1.00	Pass
			RB1#5	23.42	-0.8	22.62	0.183	1.00	Pass
			RB3#0	23.46	-0.8	22.66	0.185	1.00	Pass
			RB3#2	23.49	-0.8	22.69	0.186	1.00	Pass
			RB3#3	23.46	-0.8	22.66	0.185	1.00	Pass
			RB6#0	22.44	-0.8	21.64	0.146	1.00	Pass
		16-QAM	RB1#0	22.44	-0.8	21.64	0.146	1.00	Pass
			RB1#3	22.46	-0.8	21.66	0.147	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#5	22.46	-0.8	21.66	0.147	1.00	Pass
			RB3#0	22.61	-0.8	21.81	0.152	1.00	Pass
			RB3#2	22.6	-0.8	21.80	0.151	1.00	Pass
			RB3#3	22.6	-0.8	21.80	0.151	1.00	Pass
			RB6#0	21.6	-0.8	20.80	0.120	1.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.45	-0.8	22.65	0.184	1.00	Pass
			RB1#7	23.39	-0.8	22.59	0.182	1.00	Pass
			RB1#14	23.41	-0.8	22.61	0.182	1.00	Pass
			RB8#0	22.43	-0.8	21.63	0.146	1.00	Pass
			RB8#4	22.41	-0.8	21.61	0.145	1.00	Pass
			RB8#7	22.39	-0.8	21.59	0.144	1.00	Pass
			RB15#0	22.43	-0.8	21.63	0.146	1.00	Pass
		16-QAM	RB1#0	22.41	-0.8	21.61	0.145	1.00	Pass
			RB1#7	22.32	-0.8	21.52	0.142	1.00	Pass
			RB1#14	22.34	-0.8	21.54	0.143	1.00	Pass
			RB8#0	21.56	-0.8	20.76	0.119	1.00	Pass
			RB8#4	21.52	-0.8	20.72	0.118	1.00	Pass
			RB8#7	21.52	-0.8	20.72	0.118	1.00	Pass
			RB15#0	21.45	-0.8	20.65	0.116	1.00	Pass
	MCH	QPSK	RB1#0	23.47	-0.8	22.67	0.185	1.00	Pass
			RB1#7	23.44	-0.8	22.64	0.184	1.00	Pass
			RB1#14	23.41	-0.8	22.61	0.182	1.00	Pass
			RB8#0	22.42	-0.8	21.62	0.145	1.00	Pass
			RB8#4	22.4	-0.8	21.60	0.145	1.00	Pass
			RB8#7	22.38	-0.8	21.58	0.144	1.00	Pass
			RB15#0	22.4	-0.8	21.60	0.145	1.00	Pass
		16-QAM	RB1#0	22.85	-0.8	22.05	0.160	1.00	Pass
			RB1#7	22.81	-0.8	22.01	0.159	1.00	Pass
			RB1#14	22.81	-0.8	22.01	0.159	1.00	Pass
			RB8#0	21.55	-0.8	20.75	0.119	1.00	Pass
			RB8#4	21.5	-0.8	20.70	0.117	1.00	Pass
			RB8#7	21.49	-0.8	20.69	0.117	1.00	Pass
			RB15#0	21.41	-0.8	20.61	0.115	1.00	Pass
	HCH	QPSK	RB1#0	23.41	-0.8	22.61	0.182	1.00	Pass
			RB1#7	23.42	-0.8	22.62	0.183	1.00	Pass
			RB1#14	23.41	-0.8	22.61	0.182	1.00	Pass
			RB8#0	22.44	-0.8	21.64	0.146	1.00	Pass
			RB8#4	22.47	-0.8	21.67	0.147	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									
			RB8#7	22.44	-0.8	21.64	0.146	1.00	Pass
			RB15#0	22.44	-0.8	21.64	0.146	1.00	Pass
		16-QAM	RB1#0	22.45	-0.8	21.65	0.146	1.00	Pass
			RB1#7	22.43	-0.8	21.63	0.146	1.00	Pass
			RB1#14	22.42	-0.8	21.62	0.145	1.00	Pass
			RB8#0	21.45	-0.8	20.65	0.116	1.00	Pass
			RB8#4	21.48	-0.8	20.68	0.117	1.00	Pass
			RB8#7	21.44	-0.8	20.64	0.116	1.00	Pass
			RB15#0	21.42	-0.8	20.62	0.115	1.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.59	-0.8	22.79	0.190	1.00	Pass
			RB1#13	23.54	-0.8	22.74	0.188	1.00	Pass
			RB1#24	23.57	-0.8	22.77	0.189	1.00	Pass
			RB12#0	22.46	-0.8	21.66	0.147	1.00	Pass
			RB12#6	22.44	-0.8	21.64	0.146	1.00	Pass
			RB12#13	22.39	-0.8	21.59	0.144	1.00	Pass
			RB25#0	22.41	-0.8	21.61	0.145	1.00	Pass
		16-QAM	RB1#0	22.7	-0.8	21.90	0.155	1.00	Pass
			RB1#13	22.69	-0.8	21.89	0.155	1.00	Pass
			RB1#24	22.68	-0.8	21.88	0.154	1.00	Pass
			RB12#0	21.53	-0.8	20.73	0.118	1.00	Pass
			RB12#6	21.5	-0.8	20.70	0.117	1.00	Pass
			RB12#13	21.51	-0.8	20.71	0.118	1.00	Pass
			RB25#0	21.48	-0.8	20.68	0.117	1.00	Pass
	MCH	QPSK	RB1#0	23.52	-0.8	22.72	0.187	1.00	Pass
			RB1#13	23.5	-0.8	22.70	0.186	1.00	Pass
			RB1#24	23.48	-0.8	22.68	0.185	1.00	Pass
			RB12#0	22.49	-0.8	21.69	0.148	1.00	Pass
			RB12#6	22.43	-0.8	21.63	0.146	1.00	Pass
			RB12#13	22.37	-0.8	21.57	0.144	1.00	Pass
			RB25#0	22.44	-0.8	21.64	0.146	1.00	Pass
		16-QAM	RB1#0	23.02	-0.8	22.22	0.167	1.00	Pass
			RB1#13	22.99	-0.8	22.19	0.166	1.00	Pass
			RB1#24	22.97	-0.8	22.17	0.165	1.00	Pass
			RB12#0	21.62	-0.8	20.82	0.121	1.00	Pass
			RB12#6	21.51	-0.8	20.71	0.118	1.00	Pass
			RB12#13	21.53	-0.8	20.73	0.118	1.00	Pass
			RB25#0	21.51	-0.8	20.71	0.118	1.00	Pass
	HCH	QPSK	RB1#0	23.45	-0.8	22.65	0.184	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#13	23.43	-0.8	22.63	0.183	1.00	Pass
			RB1#24	23.45	-0.8	22.65	0.184	1.00	Pass
			RB12#0	22.48	-0.8	21.68	0.147	1.00	Pass
			RB12#6	22.4	-0.8	21.60	0.145	1.00	Pass
			RB12#13	22.36	-0.8	21.56	0.143	1.00	Pass
			RB25#0	22.43	-0.8	21.63	0.146	1.00	Pass
		16-QAM	RB1#0	22.51	-0.8	21.71	0.148	1.00	Pass
			RB1#13	22.49	-0.8	21.69	0.148	1.00	Pass
			RB1#24	22.53	-0.8	21.73	0.149	1.00	Pass
			RB12#0	21.58	-0.8	20.78	0.120	1.00	Pass
			RB12#6	21.47	-0.8	20.67	0.117	1.00	Pass
			RB12#13	21.39	-0.8	20.59	0.115	1.00	Pass
			RB25#0	21.39	-0.8	20.59	0.115	1.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.47	-0.8	22.67	0.185	1.00	Pass
			RB1#25	23.45	-0.8	22.65	0.184	1.00	Pass
			RB1#49	23.49	-0.8	22.69	0.186	1.00	Pass
			RB25#0	22.38	-0.8	21.58	0.144	1.00	Pass
			RB25#13	22.42	-0.8	21.62	0.145	1.00	Pass
			RB25#25	22.47	-0.8	21.67	0.147	1.00	Pass
			RB50#0	22.48	-0.8	21.68	0.147	1.00	Pass
		16-QAM	RB1#0	22.39	-0.8	21.59	0.144	1.00	Pass
			RB1#25	22.37	-0.8	21.57	0.144	1.00	Pass
			RB1#49	22.39	-0.8	21.59	0.144	1.00	Pass
			RB25#0	21.46	-0.8	20.66	0.116	1.00	Pass
			RB25#13	21.46	-0.8	20.66	0.116	1.00	Pass
			RB25#25	21.52	-0.8	20.72	0.118	1.00	Pass
			RB50#0	21.45	-0.8	20.65	0.116	1.00	Pass
	MCH	QPSK	RB1#0	23.52	-0.8	22.72	0.187	1.00	Pass
			RB1#25	23.47	-0.8	22.67	0.185	1.00	Pass
			RB1#49	23.4	-0.8	22.60	0.182	1.00	Pass
			RB25#0	22.39	-0.8	21.59	0.144	1.00	Pass
			RB25#13	22.43	-0.8	21.63	0.146	1.00	Pass
			RB25#25	22.42	-0.8	21.62	0.145	1.00	Pass
			RB50#0	22.47	-0.8	21.67	0.147	1.00	Pass
		16-QAM	RB1#0	22.91	-0.8	22.11	0.163	1.00	Pass
			RB1#25	22.82	-0.8	22.02	0.159	1.00	Pass
			RB1#49	22.77	-0.8	21.97	0.157	1.00	Pass
			RB25#0	21.51	-0.8	20.71	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#13	21.48	-0.8	20.68	0.117	1.00	Pass
			RB25#25	21.48	-0.8	20.68	0.117	1.00	Pass
			RB50#0	21.43	-0.8	20.63	0.116	1.00	Pass
	HCH	QPSK	RB1#0	23.41	-0.8	22.61	0.182	1.00	Pass
			RB1#25	23.42	-0.8	22.62	0.183	1.00	Pass
			RB1#49	23.4	-0.8	22.60	0.182	1.00	Pass
			RB25#0	22.39	-0.8	21.59	0.144	1.00	Pass
			RB25#13	22.43	-0.8	21.63	0.146	1.00	Pass
			RB25#25	22.37	-0.8	21.57	0.144	1.00	Pass
			RB50#0	22.39	-0.8	21.59	0.144	1.00	Pass
		16-QAM	RB1#0	22.45	-0.8	21.65	0.146	1.00	Pass
			RB1#25	22.44	-0.8	21.64	0.146	1.00	Pass
			RB1#49	22.41	-0.8	21.61	0.145	1.00	Pass
			RB25#0	21.55	-0.8	20.75	0.119	1.00	Pass
			RB25#13	21.56	-0.8	20.76	0.119	1.00	Pass
			RB25#25	21.43	-0.8	20.63	0.116	1.00	Pass
			RB50#0	21.39	-0.8	20.59	0.115	1.00	Pass
15 MHz	LCH	QPSK	RB1#0	23.42	-0.8	22.62	0.183	1.00	Pass
			RB1#38	23.45	-0.8	22.65	0.184	1.00	Pass
			RB1#74	23.44	-0.8	22.64	0.184	1.00	Pass
			RB36#0	22.37	-0.8	21.57	0.144	1.00	Pass
			RB36#19	22.45	-0.8	21.65	0.146	1.00	Pass
			RB36#39	22.4	-0.8	21.60	0.145	1.00	Pass
			RB75#0	22.44	-0.8	21.64	0.146	1.00	Pass
		16-QAM	RB1#0	22.37	-0.8	21.57	0.144	1.00	Pass
			RB1#38	22.4	-0.8	21.60	0.145	1.00	Pass
			RB1#74	22.42	-0.8	21.62	0.145	1.00	Pass
			RB36#0	21.38	-0.8	20.58	0.114	1.00	Pass
			RB36#19	21.42	-0.8	20.62	0.115	1.00	Pass
			RB36#39	21.43	-0.8	20.63	0.116	1.00	Pass
			RB75#0	21.42	-0.8	20.62	0.115	1.00	Pass
	MCH	QPSK	RB1#0	23.51	-0.8	22.71	0.187	1.00	Pass
			RB1#38	23.48	-0.8	22.68	0.185	1.00	Pass
			RB1#74	23.31	-0.8	22.51	0.178	1.00	Pass
			RB36#0	22.48	-0.8	21.68	0.147	1.00	Pass
			RB36#19	22.43	-0.8	21.63	0.146	1.00	Pass
			RB36#39	22.33	-0.8	21.53	0.142	1.00	Pass
			RB75#0	22.42	-0.8	21.62	0.145	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#0	22.9	-0.8	22.10	0.162	1.00	Pass
			RB1#38	22.85	-0.8	22.05	0.160	1.00	Pass
			RB1#74	22.72	-0.8	21.92	0.156	1.00	Pass
		16-QAM	RB36#0	21.53	-0.8	20.73	0.118	1.00	Pass
			RB36#19	21.5	-0.8	20.70	0.117	1.00	Pass
			RB36#39	21.46	-0.8	20.66	0.116	1.00	Pass
			RB75#0	21.41	-0.8	20.61	0.115	1.00	Pass
			RB1#0	23.41	-0.8	22.61	0.182	1.00	Pass
			RB1#38	23.4	-0.8	22.60	0.182	1.00	Pass
			RB1#74	23.26	-0.8	22.46	0.176	1.00	Pass
		QPSK	RB36#0	22.37	-0.8	21.57	0.144	1.00	Pass
			RB36#19	22.4	-0.8	21.60	0.145	1.00	Pass
			RB36#39	22.33	-0.8	21.53	0.142	1.00	Pass
	HCH		RB75#0	22.42	-0.8	21.62	0.145	1.00	Pass
			RB1#0	22.88	-0.8	22.08	0.161	1.00	Pass
			RB1#38	22.86	-0.8	22.06	0.161	1.00	Pass
			RB1#74	22.73	-0.8	21.93	0.156	1.00	Pass
		16-QAM	RB36#0	21.36	-0.8	20.56	0.114	1.00	Pass
			RB36#19	21.37	-0.8	20.57	0.114	1.00	Pass
			RB36#39	21.34	-0.8	20.54	0.113	1.00	Pass
			RB75#0	21.38	-0.8	20.58	0.114	1.00	Pass
			RB1#0	23.43	-0.8	22.63	0.183	1.00	Pass
			RB1#50	23.53	-0.8	22.73	0.187	1.00	Pass
			RB1#99	23.44	-0.8	22.64	0.184	1.00	Pass
		QPSK	RB50#0	22.47	-0.8	21.67	0.147	1.00	Pass
			RB50#25	22.49	-0.8	21.69	0.148	1.00	Pass
			RB50#50	22.45	-0.8	21.65	0.146	1.00	Pass
	LCH		RB100#0	22.45	-0.8	21.65	0.146	1.00	Pass
20 MHz			RB1#0	22.94	-0.8	22.14	0.164	1.00	Pass
			RB1#50	23.03	-0.8	22.23	0.167	1.00	Pass
			RB1#99	22.96	-0.8	22.16	0.164	1.00	Pass
		16-QAM	RB50#0	21.41	-0.8	20.61	0.115	1.00	Pass
			RB50#25	21.5	-0.8	20.70	0.117	1.00	Pass
			RB50#50	21.41	-0.8	20.61	0.115	1.00	Pass
			RB100#0	21.46	-0.8	20.66	0.116	1.00	Pass
			RB1#0	23.55	-0.8	22.75	0.188	1.00	Pass
	MCH	QPSK	RB1#50	23.53	-0.8	22.73	0.187	1.00	Pass
			RB1#99	23.35	-0.8	22.55	0.180	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									
			RB50#0	22.48	-0.8	21.68	0.147	1.00	Pass
			RB50#25	22.48	-0.8	21.68	0.147	1.00	Pass
			RB50#50	22.38	-0.8	21.58	0.144	1.00	Pass
			RB100#0	22.45	-0.8	21.65	0.146	1.00	Pass
		16-QAM	RB1#0	22.97	-0.8	22.17	0.165	1.00	Pass
			RB1#50	22.93	-0.8	22.13	0.163	1.00	Pass
			RB1#99	22.74	-0.8	21.94	0.156	1.00	Pass
			RB50#0	21.51	-0.8	20.71	0.118	1.00	Pass
			RB50#25	21.46	-0.8	20.66	0.116	1.00	Pass
			RB50#50	21.37	-0.8	20.57	0.114	1.00	Pass
			RB100#0	21.41	-0.8	20.61	0.115	1.00	Pass
	HCH	QPSK	RB1#0	23.39	-0.8	22.59	0.182	1.00	Pass
			RB1#50	23.37	-0.8	22.57	0.181	1.00	Pass
			RB1#99	23.22	-0.8	22.42	0.175	1.00	Pass
			RB50#0	22.43	-0.8	21.63	0.146	1.00	Pass
			RB50#25	22.38	-0.8	21.58	0.144	1.00	Pass
			RB50#50	22.3	-0.8	21.50	0.141	1.00	Pass
			RB100#0	22.36	-0.8	21.56	0.143	1.00	Pass
		16-QAM	RB1#0	22.79	-0.8	21.99	0.158	1.00	Pass
			RB1#50	22.78	-0.8	21.98	0.158	1.00	Pass
			RB1#99	22.63	-0.8	21.83	0.152	1.00	Pass
			RB50#0	21.39	-0.8	20.59	0.115	1.00	Pass
			RB50#25	21.39	-0.8	20.59	0.115	1.00	Pass
			RB50#50	21.23	-0.8	20.43	0.110	1.00	Pass
			RB100#0	21.33	-0.8	20.53	0.113	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_7C												
10MHz+20MHz												
QPSK	1	49	1	0	22.77	22.76	22.88	-0.4	0.173	0.172	0.177	2.000
	50	0	100	0	20.93	20.93	21.08	-0.4	0.113	0.113	0.117	2.000
16-QAM	1	49	1	0	21.47	21.55	22.18	-0.4	0.128	0.130	0.151	2.000
	50	0	100	0	19.96	19.94	20.13	-0.4	0.090	0.090	0.094	2.000
20MHz+10MHz												
QPSK	1	0	0	0	22.57	22.44	22.54	-0.4	0.165	0.160	0.164	2.000
	50	0	0	0	22.04	21.92	22.03	-0.4	0.146	0.142	0.146	2.000
	100	0	0	0	21.03	20.99	21.08	-0.4	0.116	0.115	0.117	2.000
	1	99	1	0	22.61	22.61	22.93	-0.4	0.166	0.166	0.179	2.000
	100	0	50	0	20.97	20.96	21.13	-0.4	0.114	0.114	0.118	2.000
16-QAM	1	0	0	0	21.36	21.51	21.92	-0.4	0.125	0.129	0.142	2.000
	50	0	0	0	21.03	20.95	21.06	-0.4	0.116	0.114	0.116	2.000
	100	0	0	0	20.02	20.01	20.16	-0.4	0.092	0.091	0.095	2.000
	1	99	1	0	21.39	21.68	21.89	-0.4	0.126	0.134	0.141	2.000
	100	0	50	0	19.92	19.89	20.11	-0.4	0.090	0.089	0.094	2.000
15MHz+15MHz												
QPSK	1	74	1	0	23	22.92	23.15	-0.4	0.182	0.179	0.188	2.000
	75	0	75	0	21.02	21.04	21.19	-0.4	0.115	0.116	0.120	2.000
16-QAM	1	74	1	0	21.86	22.28	22.05	-0.4	0.140	0.154	0.146	2.000
	75	0	75	0	20	20.01	20.12	-0.4	0.091	0.091	0.094	2.000
15MHz+20MHz												
QPSK	1	74	1	0	22.97	22.87	23.1	-0.4	0.181	0.177	0.186	2.000
	75	0	100	0	20.99	20.99	21.14	-0.4	0.115	0.115	0.119	2.000
16-QAM	1	74	1	0	21.66	21.77	22.38	-0.4	0.134	0.137	0.158	2.000
	75	0	100	0	19.97	19.9	20.12	-0.4	0.091	0.089	0.094	2.000
20MHz+15MHz												
QPSK	1	99	1	0	22.75	21.68	22.95	-0.4	0.172	0.134	0.180	2.000
	100	0	75	0	20.97	19.94	21.1	-0.4	0.114	0.090	0.117	2.000
16-QAM	1	99	1	0	21.54	21.73	21.85	-0.4	0.130	0.136	0.140	2.000
	100	0	75	0	19.96	19.93	20.1	-0.4	0.090	0.090	0.093	2.000
20MHz+20MHz												
QPSK	1	0	0	0	22.33	22.2	22.21	-0.4	0.156	0.151	0.152	2.000
	50	0	0	0	21.88	21.71	21.75	-0.4	0.141	0.135	0.136	2.000
	100	0	0	0	21.9	21.87	21.99	-0.4	0.141	0.140	0.144	2.000
	1	99	1	0	22.88	22.79	22.95	-0.4	0.177	0.173	0.180	2.000
	100	0	100	0	20.94	20.94	21.05	-0.4	0.113	0.113	0.116	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												
16-QAM	1	0	0	0	21.09	21.64	21.58	-0.4	0.117	0.133	0.131	2.000
	50	0	0	0	20.81	20.69	20.75	-0.4	0.110	0.107	0.108	2.000
	100	0	0	0	20.91	20.9	21.04	-0.4	0.112	0.112	0.116	2.000
	1	99	1	0	21.7	21.79	21.95	-0.4	0.135	0.138	0.143	2.000
	100	0	100	0	19.85	19.87	20.12	-0.4	0.088	0.089	0.094	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_38C												
15MHz+15MHz												
QPSK	1	0	0	0	22.8	22.71	22.68	-0.4	0.174	0.170	0.169	2.000
	36	0	0	0	22.01	21.93	21.91	-0.4	0.145	0.142	0.142	2.000
	75	0	0	0	22.12	22	22.04	-0.4	0.149	0.145	0.146	2.000
	1	74	1	0	23.15	23	23.05	-0.4	0.188	0.182	0.184	2.000
	75	0	75	0	21.03	21	21.12	-0.4	0.116	0.115	0.118	2.000
16-QAM	1	0	0	0	21.81	21.68	21.7	-0.4	0.138	0.134	0.135	2.000
	36	0	0	0	20.91	20.89	20.88	-0.4	0.112	0.112	0.112	2.000
	75	0	0	0	21.07	21.04	21.05	-0.4	0.117	0.116	0.116	2.000
	1	74	1	0	22.15	22.15	22.16	-0.4	0.150	0.150	0.150	2.000
	75	0	75	0	20.06	19.97	20	-0.4	0.092	0.091	0.091	2.000
20MHz+20MHz												
QPSK	1	0	0	0	22.23	22.33	22.21	-0.4	0.152	0.156	0.152	2.000
	50	0	0	0	21.84	21.8	21.76	-0.4	0.139	0.138	0.137	2.000
	100	0	0	0	21.96	21.91	21.94	-0.4	0.143	0.142	0.143	2.000
	1	99	1	0	22.81	22.85	22.81	-0.4	0.174	0.176	0.174	2.000
	100	0	100	0	20.94	20.93	21.02	-0.4	0.113	0.113	0.115	2.000
16-QAM	1	0	0	0	20.81	21.34	21	-0.4	0.110	0.124	0.115	2.000
	50	0	0	0	20.86	20.77	20.75	-0.4	0.111	0.109	0.108	2.000
	100	0	0	0	20.96	20.92	20.88	-0.4	0.114	0.113	0.112	2.000
	1	99	1	0	21.41	21.65	21.78	-0.4	0.126	0.133	0.137	2.000
	100	0	100	0	19.97	19.92	20	-0.4	0.091	0.090	0.091	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	24.44	24.54	24.51	-0.4	0.254	0.259	0.258	2.000
	25	0	100	0	22.5	22.61	22.53	-0.4	0.162	0.166	0.163	2.000
16-QAM	1	24	1	0	22.66	22.76	22.7	-0.4	0.168	0.172	0.170	2.000
	25	0	100	0	21.51	21.59	21.56	-0.4	0.129	0.132	0.131	2.000
20MHz+5MHz												
QPSK	1	0	0	0	24.28	24.3	24.32	-0.4	0.244	0.245	0.247	2.000
	50	0	0	0	22.65	22.68	22.69	-0.4	0.168	0.169	0.169	2.000
	100	0	0	0	22.6	22.67	22.65	-0.4	0.166	0.169	0.168	2.000
	1	99	1	0	24.16	24.23	24.19	-0.4	0.238	0.242	0.239	2.000
	100	0	25	0	22.45	22.56	22.47	-0.4	0.160	0.164	0.161	2.000
16-QAM	1	0	0	0	22.55	22.64	22.59	-0.4	0.164	0.167	0.166	2.000
	50	0	0	0	21.62	21.73	21.67	-0.4	0.132	0.136	0.134	2.000
	100	0	0	0	21.61	21.72	21.63	-0.4	0.132	0.136	0.133	2.000
	1	99	1	0	22.6	22.71	22.67	-0.4	0.166	0.170	0.169	2.000
	100	0	25	0	21.48	21.54	21.5	-0.4	0.128	0.130	0.129	2.000
10MHz+20MHz												
QPSK	1	49	1	0	24.19	24.26	24.22	-0.4	0.239	0.243	0.241	2.000
	50	0	100	0	22.5	22.53	22.51	-0.4	0.162	0.163	0.163	2.000
16-QAM	1	49	1	0	22.63	22.7	22.68	-0.4	0.167	0.170	0.169	2.000
	50	0	100	0	21.52	21.64	21.56	-0.4	0.129	0.133	0.131	2.000
20MHz+10MHz												
QPSK	1	99	1	0	24.15	24.23	24.18	-0.4	0.237	0.242	0.239	2.000
	100	0	50	0	22.47	22.53	22.5	-0.4	0.161	0.163	0.162	2.000
16-QAM	1	99	1	0	22.6	22.65	22.62	-0.4	0.166	0.168	0.167	2.000
	100	0	50	0	21.46	21.51	21.48	-0.4	0.128	0.129	0.128	2.000
15MHz+15MHz												
QPSK	1	74	1	0	24.19	24.26	24.22	-0.4	0.239	0.243	0.241	2.000
	75	0	75	0	22.52	22.6	22.57	-0.4	0.163	0.166	0.165	2.000
16-QAM	1	74	1	0	22.59	22.65	22.63	-0.4	0.166	0.168	0.167	2.000
	75	0	75	0	21.48	21.53	21.51	-0.4	0.128	0.130	0.129	2.000
15MHz+20MHz												
QPSK	1	74	1	0	24.22	24.3	24.28	-0.4	0.241	0.245	0.244	2.000
	75	0	100	0	22.47	22.51	22.53	-0.4	0.161	0.163	0.163	2.000
16-QAM	1	74	1	0	22.71	22.62	22.63	-0.4	0.170	0.167	0.167	2.000
	75	0	100	0	21.53	21.67	21.57	-0.4	0.130	0.134	0.131	2.000
20MHz+15MHz												

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												
QPSK	1	99	1	0	24.21	24.28	24.26	-0.4	0.240	0.244	0.243	2.000
	100	0	75	0	22.5	22.57	22.54	-0.4	0.162	0.165	0.164	2.000
16-QAM	1	99	1	0	22.63	22.68	22.65	-0.4	0.167	0.169	0.168	2.000
	100	0	75	0	21.54	21.57	21.56	-0.4	0.130	0.131	0.131	2.000
20MHz+20MHz												
QPSK	1	0	0	0	23.89	24	23.93	-0.4	0.223	0.229	0.225	2.000
	50	0	0	0	23.36	23.39	23.4	-0.4	0.198	0.199	0.200	2.000
	100	0	0	0	23.45	23.4	23.45	-0.4	0.202	0.200	0.202	2.000
	1	99	1	0	24.37	24.45	24.39	-0.4	0.249	0.254	0.251	2.000
	100	0	100	0	22.39	22.44	22.41	-0.4	0.158	0.160	0.159	2.000
16-QAM	1	0	0	0	22.42	22.45	22.42	-0.4	0.159	0.160	0.159	2.000
	50	0	0	0	22.37	22.4	22.4	-0.4	0.157	0.158	0.158	2.000
	100	0	0	0	22.45	22.45	22.4	-0.4	0.160	0.160	0.158	2.000
	1	99	1	0	22.67	22.7	22.67	-0.4	0.169	0.170	0.169	2.000
	100	0	100	0	21.43	21.51	21.47	-0.4	0.127	0.129	0.128	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	PI/2 BPSK	12	6	23.39	0.057	7.000	Pass
			1	1	23.45	0.058	7.000	Pass
			1	23	23.47	0.058	7.000	Pass
		QPSK	12	6	23.39	0.057	7.000	Pass
			1	1	23.36	0.056	7.000	Pass
			1	23	23.36	0.056	7.000	Pass
	MCH	PI/2 BPSK	12	6	23.37	0.056	7.000	Pass
			1	1	23.46	0.058	7.000	Pass
			1	23	23.41	0.057	7.000	Pass
		QPSK	12	6	23.37	0.056	7.000	Pass
			1	1	23.37	0.056	7.000	Pass
			1	23	23.34	0.056	7.000	Pass
	HCH	PI/2 BPSK	12	6	23.39	0.057	7.000	Pass
			1	1	23.47	0.058	7.000	Pass
			1	23	23.47	0.058	7.000	Pass
		QPSK	12	6	23.4	0.057	7.000	Pass
			1	1	23.38	0.057	7.000	Pass
			1	23	23.38	0.057	7.000	Pass
15	LCH	PI/2 BPSK	36	18	23.41	0.057	7.000	Pass
			1	1	23.33	0.056	7.000	Pass
			1	77	23.29	0.055	7.000	Pass
		QPSK	36	18	23.43	0.057	7.000	Pass
			1	1	23.26	0.055	7.000	Pass
			1	77	23.2	0.054	7.000	Pass
	MCH	PI/2 BPSK	36	18	23.43	0.057	7.000	Pass
			1	1	23.26	0.055	7.000	Pass
			1	77	23.3	0.056	7.000	Pass
		QPSK	36	18	23.42	0.057	7.000	Pass
			1	1	23.24	0.055	7.000	Pass
			1	77	23.26	0.055	7.000	Pass
	HCH	PI/2 BPSK	36	18	23.44	0.057	7.000	Pass
			1	1	23.35	0.056	7.000	Pass
			1	77	23.36	0.056	7.000	Pass
		QPSK	36	18	23.45	0.058	7.000	Pass
			1	1	23.27	0.055	7.000	Pass
			1	77	23.24	0.055	7.000	Pass
20	LCH	PI/2 BPSK	50	25	23.47	0.058	7.000	Pass
			1	1	23.29	0.055	7.000	Pass

			1	104	23.3	0.056	7.000	Pass
		QPSK	50	25	23.43	0.057	7.000	Pass
			1	1	23.21	0.054	7.000	Pass
			1	104	23.22	0.055	7.000	Pass
	MCH	PI/2 BPSK	50	25	23.47	0.058	7.000	Pass
			1	1	23.3	0.056	7.000	Pass
			1	104	23.27	0.055	7.000	Pass
		QPSK	50	25	23.45	0.058	7.000	Pass
			1	1	23.22	0.055	7.000	Pass
			1	104	23.2	0.054	7.000	Pass
	HCH	PI/2 BPSK	50	25	23.5	0.058	7.000	Pass
			1	1	23.27	0.055	7.000	Pass
			1	104	23.35	0.056	7.000	Pass
		QPSK	50	25	23.48	0.058	7.000	Pass
			1	1	23.2	0.054	7.000	Pass
			1	104	23.26	0.055	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	PI/2 BPSK	12	6	23	0.182	2.000	Pass
			1	1	23.06	0.185	2.000	Pass
			1	23	23.06	0.185	2.000	Pass
		QPSK	12	6	23.04	0.184	2.000	Pass
			1	1	22.98	0.181	2.000	Pass
			1	23	23	0.182	2.000	Pass
	MCH	PI/2 BPSK	12	6	22.82	0.175	2.000	Pass
			1	1	22.92	0.179	2.000	Pass
			1	23	22.9	0.178	2.000	Pass
		QPSK	12	6	22.83	0.175	2.000	Pass
			1	1	22.87	0.177	2.000	Pass
			1	23	22.83	0.175	2.000	Pass
	HCH	PI/2 BPSK	12	6	23.18	0.190	2.000	Pass
			1	1	23.23	0.192	2.000	Pass
			1	23	23.25	0.193	2.000	Pass
		QPSK	12	6	23.25	0.193	2.000	Pass
			1	1	23.17	0.189	2.000	Pass
			1	23	23.19	0.190	2.000	Pass
25	LCH	PI/2 BPSK	64	32	23.1	0.186	2.000	Pass
			1	1	23.01	0.182	2.000	Pass
			1	131	22.84	0.175	2.000	Pass
		QPSK	64	32	23.1	0.186	2.000	Pass
			1	1	22.95	0.180	2.000	Pass
			1	131	22.74	0.171	2.000	Pass
	MCH	PI/2 BPSK	64	32	22.94	0.179	2.000	Pass
			1	1	22.87	0.177	2.000	Pass
			1	131	22.87	0.177	2.000	Pass
		QPSK	64	32	22.97	0.181	2.000	Pass
			1	1	22.8	0.174	2.000	Pass
			1	131	22.77	0.173	2.000	Pass
	HCH	PI/2 BPSK	64	32	23.25	0.193	2.000	Pass
			1	1	22.87	0.177	2.000	Pass
			1	131	23.09	0.186	2.000	Pass
		QPSK	64	32	23.3	0.195	2.000	Pass
			1	1	22.81	0.174	2.000	Pass
			1	131	22.98	0.181	2.000	Pass
40	LCH	PI/2 BPSK	108	54	23	0.182	2.000	Pass
			1	1	22.66	0.168	2.000	Pass

			1	214	22.36	0.157	2.000	Pass
		QPSK	108	54	23.03	0.183	2.000	Pass
			1	1	22.58	0.165	2.000	Pass
			1	214	22.27	0.154	2.000	Pass
	MCH	PI/2 BPSK	108	54	22.91	0.178	2.000	Pass
			1	1	22.57	0.165	2.000	Pass
			1	214	22.64	0.167	2.000	Pass
		QPSK	108	54	22.91	0.178	2.000	Pass
			1	1	22.51	0.163	2.000	Pass
			1	214	22.57	0.165	2.000	Pass
	HCH	PI/2 BPSK	108	54	23.08	0.185	2.000	Pass
			1	1	22.45	0.160	2.000	Pass
			1	214	22.65	0.168	2.000	Pass
		QPSK	108	54	23.11	0.187	2.000	Pass
			1	1	22.4	0.158	2.000	Pass
			1	214	22.54	0.164	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								
10	LCH	PI/2 BPSK	12	6	23.14	0.188	2.000	Pass
			1	1	23.25	0.193	2.000	Pass
			1	22	23.18	0.190	2.000	Pass
		QPSK	12	6	23.13	0.187	2.000	Pass
			1	1	23.24	0.192	2.000	Pass
			1	22	23.15	0.188	2.000	Pass
	MCH	PI/2 BPSK	12	6	23.18	0.190	2.000	Pass
			1	1	23.22	0.191	2.000	Pass
			1	22	23.19	0.190	2.000	Pass
		QPSK	12	6	23.15	0.188	2.000	Pass
			1	1	23.18	0.190	2.000	Pass
			1	22	23.13	0.187	2.000	Pass
	HCH	PI/2 BPSK	12	6	23.31	0.195	2.000	Pass
			1	1	23.34	0.197	2.000	Pass
			1	22	23.38	0.199	2.000	Pass
		QPSK	12	6	23.28	0.194	2.000	Pass
			1	1	23.3	0.195	2.000	Pass
			1	22	23.32	0.196	2.000	Pass
20	LCH	PI/2 BPSK	25	12	23.19	0.190	2.000	Pass
			1	1	23.08	0.185	2.000	Pass
			1	49	22.99	0.182	2.000	Pass
		QPSK	25	12	23.17	0.189	2.000	Pass
			1	1	23.05	0.184	2.000	Pass
			1	49	22.94	0.179	2.000	Pass
	MCH	PI/2 BPSK	25	12	23.17	0.189	2.000	Pass
			1	1	23.04	0.184	2.000	Pass
			1	49	23.11	0.187	2.000	Pass
		QPSK	25	12	23.15	0.188	2.000	Pass
			1	1	22.97	0.181	2.000	Pass
			1	49	23.03	0.183	2.000	Pass
	HCH	PI/2 BPSK	25	12	23.32	0.196	2.000	Pass
			1	1	23.12	0.187	2.000	Pass
			1	49	23.17	0.189	2.000	Pass
		QPSK	25	12	23.33	0.196	2.000	Pass
			1	1	23.06	0.185	2.000	Pass
			1	49	23.12	0.187	2.000	Pass
40	LCH	PI/2 BPSK	50	25	23.1	0.186	2.000	Pass
			1	1	22.77	0.173	2.000	Pass

			1	104	22.78	0.173	2.000	Pass
		QPSK	50	25	23.13	0.187	2.000	Pass
			1	1	22.71	0.170	2.000	Pass
			1	104	22.71	0.170	2.000	Pass
	MCH	PI/2 BPSK	50	25	23.13	0.187	2.000	Pass
			1	1	22.77	0.173	2.000	Pass
			1	104	22.87	0.177	2.000	Pass
		QPSK	50	25	23.13	0.187	2.000	Pass
			1	1	22.69	0.169	2.000	Pass
			1	104	22.76	0.172	2.000	Pass
	HCH	PI/2 BPSK	50	25	23.17	0.189	2.000	Pass
			1	1	22.75	0.172	2.000	Pass
			1	104	22.93	0.179	2.000	Pass
		QPSK	50	25	23.17	0.189	2.000	Pass
			1	1	22.73	0.171	2.000	Pass
			1	104	22.89	0.177	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	PI/2 BPSK	25	12	25.05	0.292	2.000	Pass
			1	1	24.93	0.284	2.000	Pass
			1	49	24.88	0.281	2.000	Pass
		QPSK	25	12	25.1	0.295	2.000	Pass
			1	1	24.87	0.280	2.000	Pass
			1	49	24.78	0.274	2.000	Pass
	MCH	PI/2 BPSK	25	12	25.08	0.294	2.000	Pass
			1	1	24.97	0.286	2.000	Pass
			1	49	25.02	0.290	2.000	Pass
		QPSK	25	12	25.09	0.294	2.000	Pass
			1	1	24.9	0.282	2.000	Pass
			1	49	24.91	0.282	2.000	Pass
	HCH	PI/2 BPSK	25	12	25.29	0.308	2.000	Pass
			1	1	25.06	0.292	2.000	Pass
			1	49	25.06	0.292	2.000	Pass
		QPSK	25	12	25.25	0.305	2.000	Pass
			1	1	25	0.288	2.000	Pass
			1	49	25.03	0.290	2.000	Pass
60	LCH	PI/2 BPSK	81	40	25.04	0.291	2.000	Pass
			1	1	24.84	0.278	2.000	Pass
			1	160	24.82	0.277	2.000	Pass
		QPSK	81	40	25.07	0.293	2.000	Pass
			1	1	24.83	0.277	2.000	Pass
			1	160	24.79	0.275	2.000	Pass
	MCH	PI/2 BPSK	81	40	25.2	0.302	2.000	Pass
			1	1	24.98	0.287	2.000	Pass
			1	160	24.94	0.284	2.000	Pass
		QPSK	81	40	25.2	0.302	2.000	Pass
			1	1	24.95	0.285	2.000	Pass
			1	160	24.93	0.284	2.000	Pass
	HCH	PI/2 BPSK	81	40	25.26	0.306	2.000	Pass
			1	1	25.11	0.296	2.000	Pass
			1	160	24.93	0.284	2.000	Pass
		QPSK	81	40	25.25	0.305	2.000	Pass
			1	1	25.06	0.292	2.000	Pass
			1	160	24.87	0.280	2.000	Pass
100	LCH	PI/2 BPSK	135	67	25.09	0.294	2.000	Pass
			1	1	24.23	0.242	2.000	Pass

			1	271	24.16	0.238	2.000	Pass
		QPSK	135	67	25.06	0.292	2.000	Pass
			1	1	24.2	0.240	2.000	Pass
			1	271	24.16	0.238	2.000	Pass
	MCH	PI/2 BPSK	135	67	25.21	0.303	2.000	Pass
			1	1	24.23	0.242	2.000	Pass
			1	271	24.21	0.240	2.000	Pass
		QPSK	135	67	25.18	0.301	2.000	Pass
			1	1	24.22	0.241	2.000	Pass
			1	271	24.16	0.238	2.000	Pass
	HCH	PI/2 BPSK	135	67	25.28	0.308	2.000	Pass
			1	1	24.33	0.247	2.000	Pass
			1	271	24.37	0.249	2.000	Pass
		QPSK	135	67	25.26	0.306	2.000	Pass
			1	1	24.21	0.240	2.000	Pass
			1	271	24.22	0.241	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 n66								
5	LCH	PI/2 BPSK	12	6	23.73	0.196	1.000	Pass
			1	1	23.79	0.199	1.000	Pass
			1	23	23.80	0.200	1.000	Pass
		QPSK	12	6	23.78	0.199	1.000	Pass
			1	1	23.74	0.197	1.000	Pass
			1	23	23.72	0.196	1.000	Pass
	MCH	PI/2 BPSK	12	6	23.77	0.198	1.000	Pass
			1	1	23.84	0.201	1.000	Pass
			1	23	23.85	0.202	1.000	Pass
		QPSK	12	6	23.80	0.200	1.000	Pass
			1	1	23.75	0.197	1.000	Pass
			1	23	23.76	0.198	1.000	Pass
	HCH	PI/2 BPSK	12	6	23.71	0.195	1.000	Pass
			1	1	23.73	0.196	1.000	Pass
			1	23	23.75	0.197	1.000	Pass
		QPSK	12	6	23.75	0.197	1.000	Pass
			1	1	23.69	0.195	1.000	Pass
			1	23	23.66	0.193	1.000	Pass
20	LCH	PI/2 BPSK	50	25	23.83	0.201	1.000	Pass
			1	1	23.65	0.193	1.000	Pass
			1	104	23.71	0.195	1.000	Pass
		QPSK	50	25	23.85	0.202	1.000	Pass
			1	1	23.57	0.189	1.000	Pass
			1	104	23.66	0.193	1.000	Pass
	MCH	PI/2 BPSK	50	25	23.83	0.201	1.000	Pass
			1	1	23.71	0.195	1.000	Pass
			1	104	23.64	0.192	1.000	Pass
		QPSK	50	25	23.85	0.202	1.000	Pass
			1	1	23.64	0.192	1.000	Pass
			1	104	23.54	0.188	1.000	Pass
	HCH	PI/2 BPSK	50	25	23.76	0.198	1.000	Pass
			1	1	23.56	0.189	1.000	Pass
			1	104	23.57	0.189	1.000	Pass
		QPSK	50	25	23.78	0.199	1.000	Pass
			1	1	23.50	0.186	1.000	Pass
			1	104	23.47	0.185	1.000	Pass
40	LCH	PI/2 BPSK	108	54	23.83	0.201	1.000	Pass
			1	1	23.24	0.175	1.000	Pass

			1	214	23.28	0.177	1.000	Pass
		QPSK	108	54	23.82	0.200	1.000	Pass
			1	1	23.12	0.171	1.000	Pass
			1	214	23.22	0.175	1.000	Pass
	MCH	PI/2 BPSK	108	54	23.81	0.200	1.000	Pass
			1	1	23.27	0.177	1.000	Pass
			1	214	23.25	0.176	1.000	Pass
		QPSK	108	54	23.79	0.199	1.000	Pass
			1	1	23.15	0.172	1.000	Pass
			1	214	23.15	0.172	1.000	Pass
	HCH	PI/2 BPSK	108	54	23.75	0.197	1.000	Pass
			1	1	23.31	0.178	1.000	Pass
			1	214	23.23	0.175	1.000	Pass
		QPSK	108	54	23.75	0.197	1.000	Pass
			1	1	23.24	0.175	1.000	Pass
			1	214	23.10	0.170	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_2A_n7A												
20MHz(LTE) + 5MHz(NR)	LCH	PI/2 BPSK	12	6	0	0	22.54	-36.03	22.54	0.164	2.000	Pass
			1	1	0	0	22.49	-36.03	22.49	0.162	2.000	Pass
			1	23	0	0	22.51	-36.2	22.51	0.163	2.000	Pass
		QPSK	12	6	0	0	22.53	-36.07	22.53	0.163	2.000	Pass
			1	1	0	0	22.65	-36.09	22.65	0.168	2.000	Pass
			1	23	0	0	22.6	-36.21	22.60	0.166	2.000	Pass
	MCH	PI/2 BPSK	12	6	0	0	22.36	-36.24	22.36	0.157	2.000	Pass
			1	1	0	0	22.47	-36.18	22.47	0.161	2.000	Pass
			1	23	0	0	22.43	-36.25	22.43	0.160	2.000	Pass
		QPSK	12	6	0	0	22.37	-36.24	22.37	0.157	2.000	Pass
			1	1	0	0	22.54	-36.17	22.54	0.164	2.000	Pass
			1	23	0	0	22.41	-36.14	22.41	0.159	2.000	Pass
	HCH	PI/2 BPSK	12	6	0	0	22.73	-36.11	22.73	0.171	2.000	Pass
			1	1	0	0	22.67	-36.11	22.67	0.169	2.000	Pass
			1	23	0	0	22.67	-36.09	22.67	0.169	2.000	Pass
		QPSK	12	6	0	0	22.73	-36.1	22.73	0.171	2.000	Pass
			1	1	0	0	22.74	-36.1	22.74	0.171	2.000	Pass
			1	23	0	0	22.8	-36.11	22.80	0.174	2.000	Pass
20MHz(LTE) + 25MHz(NR)	LCH	PI/2 BPSK	64	32	0	0	22.6	-36.25	22.60	0.166	2.000	Pass
			1	1	0	0	22.45	-36.1	22.45	0.160	2.000	Pass
			1	131	0	0	22.34	-36.27	22.34	0.156	2.000	Pass
		QPSK	64	32	0	0	22.65	-36.2	22.65	0.168	2.000	Pass
			1	1	0	0	22.52	-36.01	22.52	0.163	2.000	Pass
			1	131	0	0	22.11	-36.25	22.11	0.148	2.000	Pass
	MCH	PI/2 BPSK	64	32	0	0	22.46	-36.19	22.46	0.161	2.000	Pass
			1	1	0	0	22.39	-36.19	22.39	0.158	2.000	Pass
			1	131	0	0	22.36	-36.22	22.36	0.157	2.000	Pass
		QPSK	64	32	0	0	22.52	-36.23	22.52	0.163	2.000	Pass
			1	1	0	0	22.34	-36.22	22.34	0.156	2.000	Pass
			1	131	0	0	22.4	-36.2	22.40	0.158	2.000	Pass
	HCH	PI/2 BPSK	64	32	0	0	22.69	-36.08	22.69	0.169	2.000	Pass
			1	1	0	0	22.42	-36.16	22.42	0.159	2.000	Pass
			1	131	0	0	22.5	-36.03	22.50	0.162	2.000	Pass
		QPSK	64	32	0	0	22.8	-36.1	22.81	0.174	2.000	Pass
			1	1	0	0	22.43	-36.1	22.43	0.160	2.000	Pass
			1	131	0	0	22.5	-36.1	22.50	0.162	2.000	Pass

20MHz(LTE) + 40MHz(NR)	LCH	PI/2 BPSK	108	54	0	0	22.49	-36.23	22.49	0.162	2.000	Pass
			1	1	0	0	22.15	-36.14	22.15	0.150	2.000	Pass
			1	214	0	0	21.86	-36.22	21.86	0.140	2.000	Pass
		QPSK	108	54	0	0	22.59	-36.28	22.59	0.166	2.000	Pass
			1	1	0	0	22.15	-36.11	22.15	0.150	2.000	Pass
			1	214	0	0	21.76	-36.25	21.76	0.137	2.000	Pass
	MCH	PI/2 BPSK	108	54	0	0	22.45	-36.21	22.45	0.160	2.000	Pass
			1	1	0	0	22.02	-36.2	22.02	0.145	2.000	Pass
			1	214	0	0	22.18	-36.23	22.18	0.151	2.000	Pass
		QPSK	108	54	0	0	22.48	-36.24	22.48	0.161	2.000	Pass
			1	1	0	0	22.05	-36.19	22.05	0.146	2.000	Pass
			1	214	0	0	22.1	-36.17	22.10	0.148	2.000	Pass
	HCH	PI/2 BPSK	108	54	0	0	22.65	-36.04	22.65	0.168	2.000	Pass
			1	1	0	0	21.94	-36.04	21.94	0.143	2.000	Pass
			1	214	0	0	22.1	-36.07	22.10	0.148	2.000	Pass
		QPSK	108	54	0	0	22.65	-36.03	22.65	0.168	2.000	Pass
			1	1	0	0	22	-36.1	22.00	0.145	2.000	Pass
			1	214	0	0	22.11	-36.1	22.11	0.148	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	PI/2 BPSK	12	6	0	0	23.36	-0.01	23.38	0.181	1.000	Pass
			1	1	0	0	23.36	-0.39	23.38	0.181	1.000	Pass
			1	23	0	0	23.33	-0.06	23.35	0.180	1.000	Pass
		QPSK	12	6	0	0	23.38	-0.01	23.40	0.182	1.000	Pass
			1	1	0	0	23.39	-0.37	23.41	0.182	1.000	Pass
			1	23	0	0	23.3	-0.1	23.32	0.179	1.000	Pass
	MCH	PI/2 BPSK	12	6	0	0	23.32	0.05	23.34	0.179	1.000	Pass
			1	1	0	0	23.42	-0.28	23.44	0.184	1.000	Pass
			1	23	0	0	23.44	-0.15	23.46	0.185	1.000	Pass
		QPSK	12	6	0	0	23.32	-0.03	23.34	0.179	1.000	Pass
			1	1	0	0	23.51	-0.42	23.53	0.187	1.000	Pass
			1	23	0	0	23.44	-0.18	23.46	0.185	1.000	Pass
	HCH	PI/2 BPSK	12	6	0	0	23.34	-0.02	23.36	0.180	1.000	Pass
			1	1	0	0	23.35	-0.42	23.37	0.181	1.000	Pass
			1	23	0	0	23.36	0.02	23.38	0.181	1.000	Pass
		QPSK	12	6	0	0	23.27	-0.1	23.29	0.177	1.000	Pass
			1	1	0	0	23.4	-0.42	23.42	0.183	1.000	Pass
			1	23	0	0	23.37	0.01	23.39	0.182	1.000	Pass
20MHz(LTE) + 20MHz(NR)	LCH	PI/2 BPSK	50	25	0	0	23.36	0	23.38	0.181	1.000	Pass
			1	1	0	0	23.3	-0.4	23.31	0.178	1.000	Pass
			1	104	0	0	23.32	-0.11	23.34	0.179	1.000	Pass
		QPSK	50	25	0	0	23.48	0.01	23.50	0.186	1.000	Pass
			1	1	0	0	23.27	-0.29	23.29	0.177	1.000	Pass
			1	104	0	0	23.34	-0.18	23.36	0.180	1.000	Pass
	MCH	PI/2 BPSK	50	25	0	0	23.44	0.05	23.46	0.185	1.000	Pass
			1	1	0	0	23.3	-0.43	23.32	0.179	1.000	Pass
			1	104	0	0	23.24	-0.14	23.26	0.176	1.000	Pass
		QPSK	50	25	0	0	23.35	0.07	23.37	0.181	1.000	Pass
			1	1	0	0	23.37	-0.42	23.39	0.182	1.000	Pass
			1	104	0	0	23.18	-0.11	23.20	0.174	1.000	Pass
	HCH	PI/2 BPSK	50	25	0	0	23.35	-0.1	23.37	0.181	1.000	Pass
			1	1	0	0	23.2	-0.49	23.22	0.175	1.000	Pass
			1	104	0	0	23.15	0.02	23.17	0.173	1.000	Pass
		QPSK	50	25	0	0	23.27	-0.04	23.29	0.177	1.000	Pass
			1	1	0	0	23.14	-0.4	23.16	0.172	1.000	Pass
			1	104	0	0	23.11	0.11	23.14	0.171	1.000	Pass

20MHz(LTE) + 40MHz(NR)	LCH	PI/2 BPSK	108	54	0	0	23.45	0.01	23.47	0.185	1.000	Pass
			1	1	0	0	22.77	-0.28	22.79	0.158	1.000	Pass
			1	214	0	0	22.83	-0.05	22.85	0.160	1.000	Pass
		QPSK	108	54	0	0	23.47	0.01	23.49	0.186	1.000	Pass
			1	1	0	0	22.77	-0.37	22.79	0.158	1.000	Pass
			1	214	0	0	22.86	-0.1	22.89	0.162	1.000	Pass
	MCH	PI/2 BPSK	108	54	0	0	23.33	0.06	23.35	0.180	1.000	Pass
			1	1	0	0	22.87	-0.36	22.89	0.162	1.000	Pass
			1	214	0	0	22.83	-0.11	22.85	0.160	1.000	Pass
		QPSK	108	54	0	0	23.38	0.04	23.40	0.182	1.000	Pass
			1	1	0	0	22.88	-0.36	22.90	0.162	1.000	Pass
			1	214	0	0	22.78	-0.19	22.81	0.159	1.000	Pass
	HCH	PI/2 BPSK	108	54	0	0	23.32	-0.12	23.34	0.179	1.000	Pass
			1	1	0	0	22.92	-0.47	22.94	0.164	1.000	Pass
			1	214	0	0	22.84	0.02	22.86	0.161	1.000	Pass
		QPSK	108	54	0	0	23.4	-0.05	23.42	0.183	1.000	Pass
			1	1	0	0	22.86	-0.45	22.89	0.162	1.000	Pass
			1	214	0	0	22.86	-0.09	22.88	0.161	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	PI/2 BPSK	12	6	0	0	23.07	-39.13	23.07	0.185	2.000	Pass
			1	1	0	0	23.12	-39.14	23.12	0.187	2.000	Pass
			1	23	0	0	23.16	-39.09	23.16	0.189	2.000	Pass
		QPSK	12	6	0	0	23.09	-39.13	23.09	0.186	2.000	Pass
			1	1	0	0	23.18	-39.13	23.18	0.190	2.000	Pass
			1	23	0	0	23.14	-39.1	23.14	0.188	2.000	Pass
	MCH	PI/2 BPSK	12	6	0	0	22.88	-39.18	22.88	0.177	2.000	Pass
			1	1	0	0	22.98	-39.11	22.98	0.181	2.000	Pass
			1	23	0	0	22.87	-39.11	22.87	0.177	2.000	Pass
		QPSK	12	6	0	0	22.9	-39.06	22.90	0.178	2.000	Pass
			1	1	0	0	23.12	-39.08	23.12	0.187	2.000	Pass
			1	23	0	0	22.95	-39.18	22.95	0.180	2.000	Pass
	HCH	PI/2 BPSK	12	6	0	0	23.27	-39.1	23.27	0.194	2.000	Pass
			1	1	0	0	23.23	-39.07	23.23	0.192	2.000	Pass
			1	23	0	0	23.25	-39.11	23.25	0.193	2.000	Pass
		QPSK	12	6	0	0	23.26	-39.03	23.26	0.193	2.000	Pass
			1	1	0	0	23.23	-39.05	23.23	0.192	2.000	Pass
			1	23	0	0	23.25	-39.06	23.25	0.193	2.000	Pass
10MHz(LTE) + 25MHz(NR)	LCH	PI/2 BPSK	64	32	0	0	23.08	-39.12	23.08	0.185	2.000	Pass
			1	1	0	0	23.04	-39.11	23.04	0.184	2.000	Pass
			1	131	0	0	22.8	-39.15	22.80	0.174	2.000	Pass
		QPSK	64	32	0	0	23.15	-39.12	23.15	0.188	2.000	Pass
			1	1	0	0	22.98	-39.08	22.99	0.182	2.000	Pass
			1	131	0	0	22.85	-39.15	22.85	0.176	2.000	Pass
	MCH	PI/2 BPSK	64	32	0	0	22.91	-39.09	22.91	0.178	2.000	Pass
			1	1	0	0	22.95	-39.08	22.95	0.180	2.000	Pass
			1	131	0	0	22.9	-39.08	22.90	0.178	2.000	Pass
		QPSK	64	32	0	0	23	-39.06	23.01	0.182	2.000	Pass
			1	1	0	0	22.86	-39.14	22.86	0.176	2.000	Pass
			1	131	0	0	22.84	-39.08	22.84	0.175	2.000	Pass
	HCH	PI/2 BPSK	64	32	0	0	23.28	-39.08	23.28	0.194	2.000	Pass
			1	1	0	0	22.94	-39.09	22.94	0.179	2.000	Pass
			1	131	0	0	23.07	-39.11	23.07	0.185	2.000	Pass
		QPSK	64	32	0	0	23.32	-39.05	23.32	0.196	2.000	Pass
			1	1	0	0	22.93	-39.04	22.93	0.179	2.000	Pass
			1	131	0	0	23.11	-39.1	23.11	0.187	2.000	Pass

10MHz(LTE) + 40MHz(NR)	LCH	PI/2 BPSK	108	54	0	0	22.97	-39.08	22.97	0.181	2.000	Pass
			1	1	0	0	22.69	-39.08	22.69	0.169	2.000	Pass
			1	214	0	0	22.29	-39.05	22.29	0.155	2.000	Pass
		QPSK	108	54	0	0	23.21	-39.04	23.21	0.191	2.000	Pass
			1	1	0	0	22.66	-39.16	22.66	0.168	2.000	Pass
			1	214	0	0	22.42	-39.12	22.42	0.159	2.000	Pass
	MCH	PI/2 BPSK	108	54	0	0	22.91	-39.06	22.91	0.178	2.000	Pass
			1	1	0	0	22.58	-39	22.58	0.165	2.000	Pass
			1	214	0	0	22.67	-39.08	22.67	0.169	2.000	Pass
		QPSK	108	54	0	0	22.98	-39.08	22.98	0.181	2.000	Pass
			1	1	0	0	22.61	-39.03	22.61	0.166	2.000	Pass
			1	214	0	0	22.66	-39.04	22.67	0.169	2.000	Pass
	HCH	PI/2 BPSK	108	54	0	0	23.05	-39	23.05	0.184	2.000	Pass
			1	1	0	0	22.35	-39.13	22.35	0.157	2.000	Pass
			1	214	0	0	22.66	-39.2	22.66	0.168	2.000	Pass
		QPSK	108	54	0	0	23.13	-39.11	23.13	0.187	2.000	Pass
			1	1	0	0	22.41	-39.05	22.41	0.159	2.000	Pass
			1	214	0	0	22.66	-39.05	22.66	0.168	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	PI/2 BPSK	12	6	0	0	23.79	-39.08	23.79	0.199	1.000	Pass
			1	1	0	0	23.75	-39.11	23.76	0.198	1.000	Pass
			1	23	0	0	23.84	-38.98	23.84	0.201	1.000	Pass
		QPSK	12	6	0	0	23.74	-39.06	23.74	0.197	1.000	Pass
			1	1	0	0	23.8	-39.09	23.80	0.200	1.000	Pass
			1	23	0	0	23.77	-39.06	23.77	0.198	1.000	Pass
	MCH	PI/2 BPSK	12	6	0	0	23.87	-39.05	23.88	0.203	1.000	Pass
			1	1	0	0	23.88	-39.11	23.88	0.203	1.000	Pass
			1	23	0	0	23.79	-39.12	23.79	0.199	1.000	Pass
		QPSK	12	6	0	0	23.79	-39.16	23.79	0.199	1.000	Pass
			1	1	0	0	23.83	-39.06	23.83	0.201	1.000	Pass
			1	23	0	0	23.8	-38.98	23.80	0.200	1.000	Pass
	HCH	PI/2 BPSK	12	6	0	0	23.73	-39.13	23.73	0.196	1.000	Pass
			1	1	0	0	23.79	-39.05	23.79	0.199	1.000	Pass
			1	23	0	0	23.73	-39.02	23.73	0.196	1.000	Pass
		QPSK	12	6	0	0	23.8	-39	23.80	0.200	1.000	Pass
			1	1	0	0	23.79	-39.05	23.79	0.199	1.000	Pass
			1	23	0	0	23.8	-39.13	23.80	0.200	1.000	Pass
10MHz(LTE) + 20MHz(NR)	LCH	PI/2 BPSK	50	25	0	0	23.86	-39.08	23.86	0.202	1.000	Pass
			1	1	0	0	23.71	-39.09	23.71	0.195	1.000	Pass
			1	104	0	0	23.72	-39.04	23.72	0.196	1.000	Pass
		QPSK	50	25	0	0	23.91	-39.08	23.91	0.205	1.000	Pass
			1	1	0	0	23.71	-39.12	23.71	0.195	1.000	Pass
			1	104	0	0	23.72	-39.09	23.72	0.196	1.000	Pass
	MCH	PI/2 BPSK	50	25	0	0	23.91	-39.09	23.91	0.205	1.000	Pass
			1	1	0	0	23.7	-39.1	23.70	0.195	1.000	Pass
			1	104	0	0	23.66	-39.1	23.66	0.193	1.000	Pass
		QPSK	50	25	0	0	23.84	-39.13	23.84	0.201	1.000	Pass
			1	1	0	0	23.79	-39.06	23.79	0.199	1.000	Pass
			1	104	0	0	23.68	-39.11	23.68	0.194	1.000	Pass
	HCH	PI/2 BPSK	50	25	0	0	23.81	-39.04	23.81	0.200	1.000	Pass
			1	1	0	0	23.56	-38.99	23.56	0.189	1.000	Pass
			1	104	0	0	23.6	-39.04	23.60	0.191	1.000	Pass
		QPSK	50	25	0	0	23.79	-39.05	23.79	0.199	1.000	Pass
			1	1	0	0	23.63	-39.13	23.63	0.192	1.000	Pass
			1	104	0	0	23.63	-39.06	23.63	0.192	1.000	Pass

10MHz(LTE) + 40MHz(NR)	LCH	PI/2 BPSK	108	54	0	0	23.86	-39.12	23.86	0.202	1.000	Pass
			1	1	0	0	23.26	-39.03	23.26	0.176	1.000	Pass
			1	214	0	0	23.34	-39.15	23.35	0.180	1.000	Pass
		QPSK	108	54	0	0	23.83	-39.06	23.83	0.201	1.000	Pass
			1	1	0	0	23.24	-39.12	23.24	0.175	1.000	Pass
			1	214	0	0	23.33	-39.11	23.33	0.179	1.000	Pass
	MCH	PI/2 BPSK	108	54	0	0	23.84	-39.01	23.84	0.201	1.000	Pass
			1	1	0	0	23.3	-39.13	23.31	0.178	1.000	Pass
			1	214	0	0	23.25	-39.14	23.25	0.176	1.000	Pass
		QPSK	108	54	0	0	23.8	-39.11	23.80	0.200	1.000	Pass
			1	1	0	0	23.23	-39.09	23.23	0.175	1.000	Pass
			1	214	0	0	23.23	-39.09	23.23	0.175	1.000	Pass
	HCH	PI/2 BPSK	108	54	0	0	23.74	-39	23.74	0.197	1.000	Pass
			1	1	0	0	23.38	-39.11	23.38	0.181	1.000	Pass
			1	214	0	0	23.31	-39.1	23.31	0.178	1.000	Pass
		QPSK	108	54	0	0	23.84	-39.07	23.84	0.201	1.000	Pass
			1	1	0	0	23.33	-39.1	23.33	0.179	1.000	Pass
			1	214	0	0	23.2	-39.1	23.20	0.174	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	PI/2 BPSK	12	6	0	0	23.42	-35.47	23.42	0.057	7.000	Pass
			1	1	0	0	23.46	-35.4	23.46	0.058	7.000	Pass
			1	23	0	0	23.52	-35.41	23.52	0.058	7.000	Pass
		QPSK	12	6	0	0	23.58	-35.4	23.58	0.059	7.000	Pass
			1	1	0	0	23.52	-35.47	23.52	0.058	7.000	Pass
			1	23	0	0	23.32	-35.44	23.32	0.056	7.000	Pass
	MCH	PI/2 BPSK	12	6	0	0	23.46	-35.38	23.46	0.058	7.000	Pass
			1	1	0	0	23.45	-35.41	23.45	0.058	7.000	Pass
			1	23	0	0	23.43	-35.42	23.43	0.057	7.000	Pass
		QPSK	12	6	0	0	23.39	-35.34	23.39	0.057	7.000	Pass
			1	1	0	0	23.48	-35.34	23.48	0.058	7.000	Pass
			1	23	0	0	23.51	-35.43	23.51	0.058	7.000	Pass
	HCH	PI/2 BPSK	12	6	0	0	23.44	-35.33	23.44	0.057	7.000	Pass
			1	1	0	0	23.52	-35.32	23.53	0.059	7.000	Pass
			1	23	0	0	23.52	-35.3	23.52	0.058	7.000	Pass
		QPSK	12	6	0	0	23.44	-35.28	23.44	0.057	7.000	Pass
			1	1	0	0	23.59	-35.32	23.59	0.059	7.000	Pass
			1	23	0	0	23.62	-35.34	23.62	0.060	7.000	Pass
20MHz(LTE) + 15MHz(NR)	LCH	PI/2 BPSK	36	18	0	0	23.48	-35.4	23.48	0.058	7.000	Pass
			1	1	0	0	23.47	-35.46	23.47	0.058	7.000	Pass
			1	77	0	0	23.43	-35.44	23.43	0.057	7.000	Pass
		QPSK	36	18	0	0	23.44	-35.41	23.44	0.057	7.000	Pass
			1	1	0	0	23.43	-35.43	23.43	0.057	7.000	Pass
			1	77	0	0	23.41	-35.46	23.41	0.057	7.000	Pass
	MCH	PI/2 BPSK	36	18	0	0	23.52	-35.41	23.52	0.058	7.000	Pass
			1	1	0	0	23.46	-35.37	23.46	0.058	7.000	Pass
			1	77	0	0	23.35	-35.39	23.35	0.056	7.000	Pass
		QPSK	36	18	0	0	23.53	-35.46	23.53	0.059	7.000	Pass
			1	1	0	0	23.44	-35.39	23.44	0.057	7.000	Pass
			1	77	0	0	23.39	-35.39	23.39	0.057	7.000	Pass
	HCH	PI/2 BPSK	36	18	0	0	23.57	-35.36	23.57	0.059	7.000	Pass
			1	1	0	0	23.47	-35.29	23.47	0.058	7.000	Pass
			1	77	0	0	23.38	-35.33	23.38	0.057	7.000	Pass
		QPSK	36	18	0	0	23.57	-35.28	23.57	0.059	7.000	Pass
			1	1	0	0	23.45	-35.31	23.46	0.058	7.000	Pass
			1	77	0	0	23.38	-35.23	23.38	0.057	7.000	Pass

20MHz(LTE) + 20MHz(NR)	LCH	PI/2 BPSK	50	25	0	0	23.55	-35.48	23.55	0.059	7.000	Pass
			1	1	0	0	23.38	-35.47	23.38	0.057	7.000	Pass
			1	104	0	0	23.36	-35.47	23.36	0.056	7.000	Pass
		QPSK	50	25	0	0	23.52	-35.47	23.52	0.058	7.000	Pass
			1	1	0	0	23.41	-35.44	23.41	0.057	7.000	Pass
			1	104	0	0	23.39	-35.48	23.39	0.057	7.000	Pass
	MCH	PI/2 BPSK	50	25	0	0	23.5	-35.46	23.50	0.058	7.000	Pass
			1	1	0	0	23.4	-35.42	23.40	0.057	7.000	Pass
			1	104	0	0	23.38	-35.38	23.38	0.057	7.000	Pass
		QPSK	50	25	0	0	23.49	-35.42	23.49	0.058	7.000	Pass
			1	1	0	0	23.36	-35.4	23.36	0.056	7.000	Pass
			1	104	0	0	23.29	-35.42	23.29	0.055	7.000	Pass
	HCH	PI/2 BPSK	50	25	0	0	23.6	-35.34	23.60	0.060	7.000	Pass
			1	1	0	0	23.34	-35.3	23.34	0.056	7.000	Pass
			1	104	0	0	23.48	-35.33	23.48	0.058	7.000	Pass
		QPSK	50	25	0	0	23.54	-35.37	23.54	0.059	7.000	Pass
			1	1	0	0	23.41	-35.33	23.41	0.057	7.000	Pass
			1	104	0	0	23.41	-35.35	23.41	0.057	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)	EIRP (W)	Limit (W)	Verdict
DC_7A_n66A												
20MHz(LTE) + 5MHz(NR)	LCH	PI/2 BPSK	12	6	0	0	23.33	-35.52	23.33	0.179	1.000	Pass
			1	1	0	0	23.33	-35.48	23.33	0.179	1.000	Pass
			1	23	0	0	23.33	-35.52	23.33	0.179	1.000	Pass
		QPSK	12	6	0	0	23.32	-35.46	23.32	0.179	1.000	Pass
			1	1	0	0	23.4	-35.46	23.40	0.182	1.000	Pass
			1	23	0	0	23.4	-35.42	23.40	0.182	1.000	Pass
	MCH	PI/2 BPSK	12	6	0	0	23.43	-35.45	23.43	0.183	1.000	Pass
			1	1	0	0	23.43	-35.39	23.43	0.183	1.000	Pass
			1	23	0	0	23.43	-35.47	23.43	0.183	1.000	Pass
		QPSK	12	6	0	0	23.46	-35.39	23.46	0.185	1.000	Pass
			1	1	0	0	23.47	-35.4	23.47	0.185	1.000	Pass
			1	23	0	0	23.48	-35.41	23.48	0.185	1.000	Pass
	HCH	PI/2 BPSK	12	6	0	0	23.38	-35.32	23.38	0.181	1.000	Pass
			1	1	0	0	23.39	-35.31	23.39	0.182	1.000	Pass
			1	23	0	0	23.41	-35.3	23.41	0.182	1.000	Pass
		QPSK	12	6	0	0	23.3	-35.31	23.30	0.178	1.000	Pass
			1	1	0	0	23.36	-35.39	23.36	0.180	1.000	Pass
			1	23	0	0	23.33	-35.28	23.33	0.179	1.000	Pass
20MHz(LTE) + 20MHz(NR)	LCH	PI/2 BPSK	50	25	0	0	23.45	-35.43	23.45	0.184	1.000	Pass
			1	1	0	0	23.21	-35.44	23.21	0.174	1.000	Pass
			1	104	0	0	23.29	-35.48	23.29	0.177	1.000	Pass
		QPSK	50	25	0	0	23.54	-35.47	23.54	0.188	1.000	Pass
			1	1	0	0	23.3	-35.43	23.30	0.178	1.000	Pass
			1	104	0	0	23.29	-35.44	23.29	0.177	1.000	Pass
	MCH	PI/2 BPSK	50	25	0	0	23.47	-35.41	23.47	0.185	1.000	Pass
			1	1	0	0	23.31	-35.4	23.31	0.178	1.000	Pass
			1	104	0	0	23.27	-35.45	23.27	0.177	1.000	Pass
		QPSK	50	25	0	0	23.39	-35.41	23.39	0.182	1.000	Pass
			1	1	0	0	23.42	-35.36	23.42	0.183	1.000	Pass
			1	104	0	0	23.22	-35.4	23.22	0.175	1.000	Pass
	HCH	PI/2 BPSK	50	25	0	0	23.37	-35.33	23.38	0.181	1.000	Pass
			1	1	0	0	23.22	-35.32	23.22	0.175	1.000	Pass
			1	104	0	0	23.13	-35.34	23.13	0.171	1.000	Pass
		QPSK	50	25	0	0	23.38	-35.31	23.38	0.181	1.000	Pass
			1	1	0	0	23.23	-35.33	23.23	0.175	1.000	Pass
			1	104	0	0	23.18	-35.33	23.18	0.173	1.000	Pass

20MHz(LTE) + 40MHz(NR)	LCH	PI/2 BPSK	108	54	0	0	23.43	-35.47	23.43	0.183	1.000	Pass
			1	1	0	0	22.86	-35.47	22.86	0.161	1.000	Pass
			1	214	0	0	22.84	-35.49	22.84	0.160	1.000	Pass
		QPSK	108	54	0	0	23.48	-35.45	23.48	0.185	1.000	Pass
			1	1	0	0	22.87	-35.48	22.87	0.161	1.000	Pass
			1	214	0	0	22.95	-35.42	22.95	0.164	1.000	Pass
	MCH	PI/2 BPSK	108	54	0	0	23.35	-35.43	23.35	0.180	1.000	Pass
			1	1	0	0	22.83	-35.48	22.83	0.160	1.000	Pass
			1	214	0	0	22.8	-35.48	22.80	0.158	1.000	Pass
		QPSK	108	54	0	0	23.34	-35.33	23.34	0.179	1.000	Pass
			1	1	0	0	22.91	-35.47	22.91	0.163	1.000	Pass
			1	214	0	0	23.02	-35.41	23.02	0.167	1.000	Pass
	HCH	PI/2 BPSK	108	54	0	0	23.34	-35.26	23.34	0.179	1.000	Pass
			1	1	0	0	22.92	-35.34	22.92	0.163	1.000	Pass
			1	214	0	0	22.88	-35.27	22.88	0.161	1.000	Pass
		QPSK	108	54	0	0	23.34	-35.31	23.34	0.179	1.000	Pass
			1	1	0	0	22.95	-35.27	22.95	0.164	1.000	Pass
			1	214	0	0	22.85	-35.29	22.85	0.160	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_12A_n66A												
10MHz(LTE) + 5MHz(NR)	LCH	PI/2 BPSK	12	6	0	0	22.75	-39.36	22.75	0.157	1.000	Pass
			1	1	0	0	22.73	-39.33	22.73	0.156	1.000	Pass
			1	23	0	0	22.78	-39.4	22.78	0.158	1.000	Pass
		QPSK	12	6	0	0	22.81	-39.42	22.81	0.159	1.000	Pass
			1	1	0	0	22.77	-39.41	22.77	0.157	1.000	Pass
			1	23	0	0	22.86	-39.48	22.86	0.161	1.000	Pass
	MCH	PI/2 BPSK	12	6	0	0	22.84	-39.44	22.84	0.160	1.000	Pass
			1	1	0	0	22.88	-39.41	22.88	0.161	1.000	Pass
			1	23	0	0	22.94	-39.47	22.94	0.164	1.000	Pass
		QPSK	12	6	0	0	22.87	-39.48	22.87	0.161	1.000	Pass
			1	1	0	0	22.91	-39.42	22.92	0.163	1.000	Pass
			1	23	0	0	22.93	-39.42	22.93	0.163	1.000	Pass
	HCH	PI/2 BPSK	12	6	0	0	22.76	-39.41	22.76	0.157	1.000	Pass
			1	1	0	0	22.8	-39.4	22.80	0.158	1.000	Pass
			1	23	0	0	22.88	-39.4	22.88	0.161	1.000	Pass
		QPSK	12	6	0	0	22.84	-39.5	22.84	0.160	1.000	Pass
			1	1	0	0	22.79	-39.44	22.79	0.158	1.000	Pass
			1	23	0	0	22.94	-39.41	22.94	0.164	1.000	Pass
10MHz(LTE) + 20MHz(NR)	LCH	PI/2 BPSK	50	25	0	0	22.82	-39.46	22.82	0.159	1.000	Pass
			1	1	0	0	22.68	-39.44	22.68	0.154	1.000	Pass
			1	104	0	0	22.96	-39.44	22.96	0.164	1.000	Pass
		QPSK	50	25	0	0	22.98	-39.46	22.98	0.165	1.000	Pass
			1	1	0	0	22.68	-39.41	22.68	0.154	1.000	Pass
			1	104	0	0	22.96	-39.45	22.96	0.164	1.000	Pass
	MCH	PI/2 BPSK	50	25	0	0	22.93	-39.43	22.93	0.163	1.000	Pass
			1	1	0	0	22.85	-39.35	22.85	0.160	1.000	Pass
			1	104	0	0	22.73	-39.42	22.73	0.156	1.000	Pass
		QPSK	50	25	0	0	22.94	-39.45	22.94	0.164	1.000	Pass
			1	1	0	0	22.86	-39.48	22.86	0.161	1.000	Pass
			1	104	0	0	22.83	-39.43	22.83	0.160	1.000	Pass
	HCH	PI/2 BPSK	50	25	0	0	22.71	-39.45	22.72	0.156	1.000	Pass
			1	1	0	0	22.67	-39.39	22.67	0.154	1.000	Pass
			1	104	0	0	22.77	-39.49	22.77	0.157	1.000	Pass
		QPSK	50	25	0	0	22.85	-39.43	22.85	0.160	1.000	Pass
			1	1	0	0	22.64	-39.4	22.64	0.153	1.000	Pass
			1	104	0	0	22.8	-39.44	22.80	0.158	1.000	Pass

10MHz(LTE) + 40MHz(NR)	LCH	PI/2 BPSK	108	54	0	0	23.01	-39.34	23.01	0.166	1.000	Pass
			1	1	0	0	22.25	-39.42	22.25	0.140	1.000	Pass
			1	214	0	0	22.31	-39.39	22.31	0.142	1.000	Pass
		QPSK	108	54	0	0	22.98	-39.4	22.98	0.165	1.000	Pass
			1	1	0	0	22.35	-39.39	22.35	0.143	1.000	Pass
			1	214	0	0	22.31	-39.43	22.31	0.142	1.000	Pass
	MCH	PI/2 BPSK	108	54	0	0	22.81	-39.41	22.81	0.159	1.000	Pass
			1	1	0	0	22.46	-39.46	22.47	0.147	1.000	Pass
			1	214	0	0	22.31	-39.42	22.31	0.142	1.000	Pass
		QPSK	108	54	0	0	22.89	-39.41	22.89	0.162	1.000	Pass
			1	1	0	0	22.42	-39.45	22.42	0.145	1.000	Pass
			1	214	0	0	22.24	-39.43	22.24	0.139	1.000	Pass
	HCH	PI/2 BPSK	108	54	0	0	22.7	-39.39	22.70	0.155	1.000	Pass
			1	1	0	0	22.34	-39.42	22.34	0.143	1.000	Pass
			1	214	0	0	22.33	-39.32	22.33	0.142	1.000	Pass
		QPSK	108	54	0	0	22.78	-39.45	22.78	0.158	1.000	Pass
			1	1	0	0	22.43	-39.34	22.43	0.146	1.000	Pass
			1	214	0	0	22.34	-39.35	22.34	0.143	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_26A_n41A												
15MHz(LTE) + 20MHz(NR)	LCH	PI/2 BPSK	25	12	0	0	23.28	-37.03	23.28	0.194	2.000	Pass
			1	1	0	0	23.26	-37	23.26	0.193	2.000	Pass
			1	49	0	0	23.07	-37	23.07	0.185	2.000	Pass
		QPSK	25	12	0	0	23.33	-37.06	23.33	0.196	2.000	Pass
			1	1	0	0	23.2	-37.04	23.20	0.191	2.000	Pass
			1	49	0	0	23.04	-37.03	23.04	0.184	2.000	Pass
	MCH	PI/2 BPSK	25	12	0	0	23.12	-36.93	23.12	0.187	2.000	Pass
			1	1	0	0	22.95	-37.03	22.96	0.180	2.000	Pass
			1	49	0	0	23.02	-36.99	23.02	0.183	2.000	Pass
		QPSK	25	12	0	0	23.18	-36.98	23.18	0.190	2.000	Pass
			1	1	0	0	22.96	-37.04	22.96	0.180	2.000	Pass
			1	49	0	0	22.96	-37.06	22.96	0.180	2.000	Pass
	HCH	PI/2 BPSK	25	12	0	0	23.34	-37.04	23.34	0.197	2.000	Pass
			1	1	0	0	23.18	-37.02	23.18	0.190	2.000	Pass
			1	49	0	0	23.02	-37.01	23.02	0.183	2.000	Pass
		QPSK	25	12	0	0	23.36	-37.02	23.37	0.198	2.000	Pass
			1	1	0	0	23.08	-36.98	23.08	0.185	2.000	Pass
			1	49	0	0	23.01	-36.97	23.01	0.182	2.000	Pass
15MHz(LTE) + 60MHz(NR)	LCH	PI/2 BPSK	81	40	0	0	23.2	-36.96	23.20	0.191	2.000	Pass
			1	1	0	0	23.15	-37.07	23.15	0.188	2.000	Pass
			1	160	0	0	22.79	-37.09	22.79	0.173	2.000	Pass
		QPSK	81	40	0	0	23.19	-37.06	23.19	0.190	2.000	Pass
			1	1	0	0	23.04	-36.99	23.04	0.184	2.000	Pass
			1	160	0	0	22.74	-36.97	22.74	0.171	2.000	Pass
	MCH	PI/2 BPSK	81	40	0	0	23.23	-37.02	23.23	0.192	2.000	Pass
			1	1	0	0	22.63	-37.03	22.63	0.167	2.000	Pass
			1	160	0	0	22.7	-36.98	22.70	0.170	2.000	Pass
		QPSK	81	40	0	0	23.11	-36.92	23.12	0.187	2.000	Pass
			1	1	0	0	22.68	-37.04	22.68	0.169	2.000	Pass
			1	160	0	0	22.75	-37.01	22.75	0.172	2.000	Pass
	HCH	PI/2 BPSK	81	40	0	0	23.41	-37	23.41	0.200	2.000	Pass
			1	1	0	0	23.12	-36.99	23.12	0.187	2.000	Pass
			1	160	0	0	23.09	-37.03	23.09	0.186	2.000	Pass
		QPSK	81	40	0	0	23.39	-37.04	23.40	0.200	2.000	Pass
			1	1	0	0	23.06	-37.03	23.06	0.185	2.000	Pass
			1	160	0	0	23	-37.06	23.01	0.182	2.000	Pass

15MHz(LTE) + 100MHz(NR)	LCH	PI/2 BPSK	135	67	0	0	23.17	-37.01	23.17	0.189	2.000	Pass
			1	1	0	0	22.54	-37.01	22.54	0.164	2.000	Pass
			1	271	0	0	22.31	-37.07	22.31	0.155	2.000	Pass
		QPSK	135	67	0	0	23.2	-37.12	23.20	0.191	2.000	Pass
			1	1	0	0	22.46	-37.06	22.46	0.161	2.000	Pass
			1	271	0	0	22.23	-37.01	22.23	0.152	2.000	Pass
	MCH	PI/2 BPSK	135	67	0	0	23.02	-36.99	23.02	0.183	2.000	Pass
			1	1	0	0	22.36	-36.97	22.36	0.157	2.000	Pass
			1	271	0	0	22.32	-37.02	22.32	0.156	2.000	Pass
		QPSK	135	67	0	0	23.04	-37.01	23.04	0.184	2.000	Pass
			1	1	0	0	22.32	-37.02	22.32	0.156	2.000	Pass
			1	271	0	0	22.31	-37	22.31	0.155	2.000	Pass
	HCH	PI/2 BPSK	135	67	0	0	23.37	-36.92	23.37	0.198	2.000	Pass
			1	1	0	0	22.41	-37.02	22.41	0.159	2.000	Pass
			1	271	0	0	22.42	-37.01	22.42	0.159	2.000	Pass
		QPSK	135	67	0	0	23.37	-36.97	23.38	0.199	2.000	Pass
			1	1	0	0	22.41	-37.01	22.41	0.159	2.000	Pass
			1	271	0	0	22.38	-36.97	22.38	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)	ERP (W)	Limit (W)	Verdict
DC_66A_n5A												
20MHz(LTE) + 5MHz(NR)	LCH	PI/2 BPSK	12	6	0	0	23.48	-35.23	23.48	0.058	7.000	Pass
			1	1	0	0	23.45	-35.25	23.45	0.058	7.000	Pass
			1	23	0	0	23.48	-35.2	23.48	0.058	7.000	Pass
		QPSK	12	6	0	0	23.48	-35.22	23.48	0.058	7.000	Pass
			1	1	0	0	23.54	-35.17	23.54	0.059	7.000	Pass
			1	23	0	0	23.49	-35.2	23.49	0.058	7.000	Pass
	MCH	PI/2 BPSK	12	6	0	0	23.46	-36.22	23.46	0.058	7.000	Pass
			1	1	0	0	23.56	-36.28	23.56	0.059	7.000	Pass
			1	23	0	0	23.46	-36.2	23.46	0.058	7.000	Pass
		QPSK	12	6	0	0	23.54	-36.23	23.54	0.059	7.000	Pass
			1	1	0	0	23.46	-36.22	23.46	0.058	7.000	Pass
			1	23	0	0	23.44	-36.24	23.44	0.057	7.000	Pass
	HCH	PI/2 BPSK	12	6	0	0	23.45	-36.28	23.45	0.058	7.000	Pass
			1	1	0	0	23.44	-36.18	23.44	0.057	7.000	Pass
			1	23	0	0	23.51	-36.27	23.51	0.058	7.000	Pass
		QPSK	12	6	0	0	23.5	-36.21	23.50	0.058	7.000	Pass
			1	1	0	0	23.57	-36.33	23.57	0.059	7.000	Pass
			1	23	0	0	23.62	-36.26	23.62	0.060	7.000	Pass
20MHz(LTE) + 15MHz(NR)	LCH	PI/2 BPSK	36	18	0	0	23.45	-35.2	23.45	0.058	7.000	Pass
			1	1	0	0	23.38	-35.2	23.38	0.057	7.000	Pass
			1	77	0	0	23.33	-35.21	23.33	0.056	7.000	Pass
		QPSK	36	18	0	0	23.52	-35.23	23.52	0.058	7.000	Pass
			1	1	0	0	23.44	-35.23	23.44	0.057	7.000	Pass
			1	77	0	0	23.34	-35.26	23.34	0.056	7.000	Pass
	MCH	PI/2 BPSK	36	18	0	0	23.51	-36.24	23.51	0.058	7.000	Pass
			1	1	0	0	23.38	-36.24	23.38	0.057	7.000	Pass
			1	77	0	0	23.36	-36.22	23.36	0.056	7.000	Pass
		QPSK	36	18	0	0	23.48	-36.22	23.48	0.058	7.000	Pass
			1	1	0	0	23.43	-36.2	23.43	0.057	7.000	Pass
			1	77	0	0	23.45	-36.22	23.45	0.058	7.000	Pass
	HCH	PI/2 BPSK	36	18	0	0	23.5	-36.23	23.50	0.058	7.000	Pass
			1	1	0	0	23.43	-36.2	23.43	0.057	7.000	Pass
			1	77	0	0	23.45	-36.25	23.45	0.058	7.000	Pass
		QPSK	36	18	0	0	23.49	-36.24	23.49	0.058	7.000	Pass
			1	1	0	0	23.44	-36.28	23.44	0.057	7.000	Pass
			1	77	0	0	23.39	-36.24	23.39	0.057	7.000	Pass

20MHz(LTE) + 20MHz(NR)	LCH	PI/2 BPSK	50	25	0	0	23.58	-35.23	23.58	0.059	7.000	Pass
			1	1	0	0	23.35	-35.2	23.35	0.056	7.000	Pass
			1	104	0	0	23.38	-35.25	23.38	0.057	7.000	Pass
		QPSK	50	25	0	0	23.58	-35.22	23.58	0.059	7.000	Pass
			1	1	0	0	23.32	-35.2	23.32	0.056	7.000	Pass
			1	104	0	0	23.4	-35.19	23.40	0.057	7.000	Pass
	MCH	PI/2 BPSK	50	25	0	0	23.55	-36.18	23.55	0.059	7.000	Pass
			1	1	0	0	23.44	-36.21	23.44	0.057	7.000	Pass
			1	104	0	0	23.38	-36.19	23.38	0.057	7.000	Pass
		QPSK	50	25	0	0	23.49	-36.24	23.49	0.058	7.000	Pass
			1	1	0	0	23.36	-36.25	23.36	0.056	7.000	Pass
			1	104	0	0	23.3	-36.24	23.30	0.056	7.000	Pass
	HCH	PI/2 BPSK	50	25	0	0	23.48	-36.22	23.48	0.058	7.000	Pass
			1	1	0	0	23.36	-36.27	23.36	0.056	7.000	Pass
			1	104	0	0	23.41	-36.28	23.41	0.057	7.000	Pass
		QPSK	50	25	0	0	23.69	-36.28	23.69	0.061	7.000	Pass
			1	1	0	0	23.31	-36.2	23.31	0.056	7.000	Pass
			1	104	0	0	23.44	-36.23	23.44	0.057	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)	EIRP (W)	Limit (W)	Verdict
DC_66A_n7A												
20MHz(LTE) + 5MHz(NR)	LCH	PI/2 BPSK	12	6	0	0	22.96	-35.22	22.96	0.180	2.000	Pass
			1	1	0	0	23.07	-35.24	23.07	0.185	2.000	Pass
			1	23	0	0	22.97	-35.25	22.97	0.181	2.000	Pass
		QPSK	12	6	0	0	23.02	-35.23	23.02	0.183	2.000	Pass
			1	1	0	0	22.97	-35.21	22.97	0.181	2.000	Pass
			1	23	0	0	22.99	-35.17	22.99	0.182	2.000	Pass
	MCH	PI/2 BPSK	12	6	0	0	23.19	-36.26	23.19	0.190	2.000	Pass
			1	1	0	0	23.24	-36.23	23.24	0.192	2.000	Pass
			1	23	0	0	23.3	-36.2	23.30	0.195	2.000	Pass
		QPSK	12	6	0	0	23.31	-36.24	23.31	0.195	2.000	Pass
			1	1	0	0	23.33	-36.25	23.33	0.196	2.000	Pass
			1	23	0	0	23.28	-36.19	23.28	0.194	2.000	Pass
	HCH	PI/2 BPSK	12	6	0	0	23.29	-36.26	23.29	0.195	2.000	Pass
			1	1	0	0	23.24	-36.22	23.24	0.192	2.000	Pass
			1	23	0	0	23.26	-36.26	23.26	0.193	2.000	Pass
		QPSK	12	6	0	0	23.28	-36.24	23.28	0.194	2.000	Pass
			1	1	0	0	23.36	-36.17	23.36	0.198	2.000	Pass
			1	23	0	0	23.21	-36.22	23.21	0.191	2.000	Pass
20MHz(LTE) + 25MHz(NR)	LCH	PI/2 BPSK	64	32	0	0	23.01	-35.14	23.01	0.182	2.000	Pass
			1	1	0	0	22.95	-35.2	22.95	0.180	2.000	Pass
			1	131	0	0	23.08	-35.24	23.08	0.185	2.000	Pass
		QPSK	64	32	0	0	23.05	-35.27	23.05	0.184	2.000	Pass
			1	1	0	0	23.02	-35.16	23.02	0.183	2.000	Pass
			1	131	0	0	23.05	-35.24	23.05	0.184	2.000	Pass
	MCH	PI/2 BPSK	64	32	0	0	23.34	-36.23	23.34	0.197	2.000	Pass
			1	1	0	0	23.07	-36.25	23.07	0.185	2.000	Pass
			1	131	0	0	23.21	-36.14	23.21	0.191	2.000	Pass
		QPSK	64	32	0	0	23.39	-36.22	23.39	0.199	2.000	Pass
			1	1	0	0	23.09	-36.25	23.09	0.186	2.000	Pass
			1	131	0	0	23.22	-36.19	23.22	0.191	2.000	Pass
	HCH	PI/2 BPSK	64	32	0	0	23.37	-36.23	23.37	0.198	2.000	Pass
			1	1	0	0	23.2	-36.2	23.20	0.191	2.000	Pass
			1	131	0	0	23.13	-36.31	23.13	0.187	2.000	Pass
		QPSK	64	32	0	0	23.34	-36.22	23.34	0.197	2.000	Pass
			1	1	0	0	23.28	-36.13	23.28	0.194	2.000	Pass
			1	131	0	0	23.12	-36.21	23.12	0.187	2.000	Pass

20MHz(LTE) + 40MHz(NR)	LCH	PI/2 BPSK	108	54	0	0	23.09	-35.24	23.09	0.186	2.000	Pass
			1	1	0	0	22.65	-35.27	22.65	0.168	2.000	Pass
			1	214	0	0	22.83	-35.23	22.83	0.175	2.000	Pass
		QPSK	108	54	0	0	23.13	-35.24	23.13	0.187	2.000	Pass
			1	1	0	0	22.55	-35.25	22.55	0.164	2.000	Pass
			1	214	0	0	22.9	-35.18	22.90	0.178	2.000	Pass
	MCH	PI/2 BPSK	108	54	0	0	23.23	-36.23	23.23	0.192	2.000	Pass
			1	1	0	0	22.57	-36.27	22.57	0.165	2.000	Pass
			1	214	0	0	22.78	-36.1	22.78	0.173	2.000	Pass
		QPSK	108	54	0	0	23.37	-36.24	23.37	0.198	2.000	Pass
			1	1	0	0	22.64	-36.21	22.64	0.167	2.000	Pass
			1	214	0	0	22.87	-36.08	22.87	0.177	2.000	Pass
	HCH	PI/2 BPSK	108	54	0	0	23.44	-36.15	23.44	0.201	2.000	Pass
			1	1	0	0	22.79	-36.28	22.79	0.173	2.000	Pass
			1	214	0	0	22.36	-36.27	22.36	0.157	2.000	Pass
		QPSK	108	54	0	0	23.4	-36.22	23.40	0.200	2.000	Pass
			1	1	0	0	22.78	-36.24	22.78	0.173	2.000	Pass
			1	214	0	0	22.7	-36.28	22.70	0.170	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_66A_n38A												
20MHz(LTE) + 10MHz(NR)	LCH	PI/2 BPSK	12	6	0	0	22.66	-35.29	22.66	0.168	2.000	Pass
			1	1	0	0	22.8	-35.2	22.80	0.174	2.000	Pass
			1	22	0	0	22.6	-35.24	22.60	0.166	2.000	Pass
		QPSK	12	6	0	0	22.66	-35.2	22.66	0.168	2.000	Pass
			1	1	0	0	22.69	-35.25	22.69	0.169	2.000	Pass
			1	22	0	0	22.68	-35.24	22.68	0.169	2.000	Pass
	MCH	PI/2 BPSK	12	6	0	0	22.75	-36.24	22.75	0.172	2.000	Pass
			1	1	0	0	22.72	-36.19	22.72	0.171	2.000	Pass
			1	22	0	0	22.7	-36.23	22.70	0.170	2.000	Pass
		QPSK	12	6	0	0	22.68	-36.28	22.69	0.169	2.000	Pass
			1	1	0	0	22.68	-36.25	22.68	0.169	2.000	Pass
			1	22	0	0	22.68	-36.2	22.68	0.169	2.000	Pass
	HCH	PI/2 BPSK	12	6	0	0	22.84	-36.27	22.84	0.175	2.000	Pass
			1	1	0	0	22.93	-36.29	22.93	0.179	2.000	Pass
			1	22	0	0	22.95	-36.19	22.95	0.180	2.000	Pass
		QPSK	12	6	0	0	22.87	-36.27	22.87	0.177	2.000	Pass
			1	1	0	0	22.93	-36.27	22.93	0.179	2.000	Pass
			1	22	0	0	22.84	-36.31	22.84	0.175	2.000	Pass
20MHz(LTE) + 20MHz(NR)	LCH	PI/2 BPSK	25	12	0	0	22.79	-35.2	22.79	0.173	2.000	Pass
			1	1	0	0	22.62	-35.28	22.62	0.167	2.000	Pass
			1	49	0	0	22.52	-35.27	22.52	0.163	2.000	Pass
		QPSK	25	12	0	0	22.71	-35.19	22.71	0.170	2.000	Pass
			1	1	0	0	22.56	-35.24	22.56	0.164	2.000	Pass
			1	49	0	0	22.39	-35.21	22.39	0.158	2.000	Pass
	MCH	PI/2 BPSK	25	12	0	0	22.78	-36.34	22.78	0.173	2.000	Pass
			1	1	0	0	22.54	-36.28	22.54	0.164	2.000	Pass
			1	49	0	0	22.68	-36.24	22.68	0.169	2.000	Pass
		QPSK	25	12	0	0	22.7	-36.21	22.70	0.170	2.000	Pass
			1	1	0	0	22.6	-36.25	22.60	0.166	2.000	Pass
			1	49	0	0	22.57	-36.24	22.57	0.165	2.000	Pass
	HCH	PI/2 BPSK	25	12	0	0	22.88	-36.26	22.88	0.177	2.000	Pass
			1	1	0	0	22.7	-36.21	22.70	0.170	2.000	Pass
			1	49	0	0	22.73	-36.27	22.73	0.171	2.000	Pass
		QPSK	25	12	0	0	22.83	-36.21	22.83	0.175	2.000	Pass
			1	1	0	0	22.65	-36.19	22.65	0.168	2.000	Pass
			1	49	0	0	22.65	-36.26	22.65	0.168	2.000	Pass

20MHz(LTE) + 40MHz(NR)	LCH	PI/2 BPSK	50	25	0	0	22.75	-35.23	22.75	0.172	2.000	Pass
			1	1	0	0	22.32	-35.22	22.32	0.156	2.000	Pass
			1	104	0	0	22.41	-35.25	22.41	0.159	2.000	Pass
		QPSK	50	25	0	0	22.68	-35.24	22.68	0.169	2.000	Pass
			1	1	0	0	22.22	-35.24	22.22	0.152	2.000	Pass
			1	104	0	0	22.28	-35.28	22.28	0.154	2.000	Pass
	MCH	PI/2 BPSK	50	25	0	0	22.74	-36.24	22.74	0.171	2.000	Pass
			1	1	0	0	22.26	-36.24	22.26	0.153	2.000	Pass
			1	104	0	0	22.41	-36.24	22.41	0.159	2.000	Pass
		QPSK	50	25	0	0	22.7	-36.27	22.70	0.170	2.000	Pass
			1	1	0	0	22.29	-36.23	22.29	0.155	2.000	Pass
			1	104	0	0	22.38	-36.27	22.38	0.158	2.000	Pass
	HCH	PI/2 BPSK	50	25	0	0	22.6	-36.23	22.60	0.166	2.000	Pass
			1	1	0	0	22.33	-36.29	22.33	0.156	2.000	Pass
			1	104	0	0	22.5	-36.27	22.50	0.162	2.000	Pass
		QPSK	50	25	0	0	22.73	-36.29	22.73	0.171	2.000	Pass
			1	1	0	0	22.16	-36.23	22.16	0.150	2.000	Pass
			1	104	0	0	22.41	-36.24	22.41	0.159	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_66A_n41A												
20MHz(LTE) + 20MHz(NR)	LCH	PI/2 BPSK	25	12	0	0	23.28	-34.87	23.28	0.194	2.000	Pass
			1	1	0	0	23.22	-34.88	23.22	0.191	2.000	Pass
			1	49	0	0	23.08	-34.89	23.08	0.185	2.000	Pass
		QPSK	25	12	0	0	23.31	-34.85	23.31	0.195	2.000	Pass
			1	1	0	0	23.26	-34.91	23.26	0.193	2.000	Pass
			1	49	0	0	23.03	-34.87	23.03	0.183	2.000	Pass
	MCH	PI/2 BPSK	25	12	0	0	23.1	-34.78	23.10	0.186	2.000	Pass
			1	1	0	0	22.91	-34.71	22.91	0.178	2.000	Pass
			1	49	0	0	22.87	-34.75	22.87	0.177	2.000	Pass
		QPSK	25	12	0	0	23.19	-34.78	23.19	0.190	2.000	Pass
			1	1	0	0	22.87	-34.77	22.87	0.177	2.000	Pass
			1	49	0	0	22.91	-34.8	22.91	0.178	2.000	Pass
	HCH	PI/2 BPSK	25	12	0	0	23.29	-34.77	23.29	0.195	2.000	Pass
			1	1	0	0	23.12	-34.82	23.13	0.187	2.000	Pass
			1	49	0	0	23.02	-34.81	23.02	0.183	2.000	Pass
		QPSK	25	12	0	0	23.28	-34.87	23.28	0.194	2.000	Pass
			1	1	0	0	23.07	-34.79	23.07	0.185	2.000	Pass
			1	49	0	0	23.01	-34.87	23.01	0.182	2.000	Pass
20MHz(LTE) + 60MHz(NR)	LCH	PI/2 BPSK	81	40	0	0	23.17	-34.82	23.17	0.189	2.000	Pass
			1	1	0	0	23.14	-34.93	23.14	0.188	2.000	Pass
			1	160	0	0	22.77	-34.83	22.77	0.173	2.000	Pass
		QPSK	81	40	0	0	23.23	-34.83	23.23	0.192	2.000	Pass
			1	1	0	0	23.12	-34.87	23.12	0.187	2.000	Pass
			1	160	0	0	22.7	-34.87	22.71	0.170	2.000	Pass
	MCH	PI/2 BPSK	81	40	0	0	23.19	-34.82	23.19	0.190	2.000	Pass
			1	1	0	0	22.68	-34.78	22.68	0.169	2.000	Pass
			1	160	0	0	22.76	-34.76	22.76	0.172	2.000	Pass
		QPSK	81	40	0	0	23.07	-34.78	23.07	0.185	2.000	Pass
			1	1	0	0	22.65	-34.68	22.65	0.168	2.000	Pass
			1	160	0	0	22.73	-34.77	22.73	0.171	2.000	Pass
	HCH	PI/2 BPSK	81	40	0	0	23.41	-34.88	23.41	0.200	2.000	Pass
			1	1	0	0	23.1	-34.82	23.10	0.186	2.000	Pass
			1	160	0	0	23.06	-34.79	23.06	0.185	2.000	Pass
		QPSK	81	40	0	0	23.32	-34.83	23.32	0.196	2.000	Pass
			1	1	0	0	23.08	-34.85	23.08	0.185	2.000	Pass
			1	160	0	0	23.07	-34.86	23.07	0.185	2.000	Pass

20MHz(LTE) + 100MHz(NR)	LCH	PI/2 BPSK	135	67	0	0	23.15	-34.88	23.15	0.188	2.000	Pass
			1	1	0	0	22.51	-34.93	22.51	0.163	2.000	Pass
			1	271	0	0	22.3	-34.76	22.30	0.155	2.000	Pass
		QPSK	135	67	0	0	23.18	-34.86	23.18	0.190	2.000	Pass
			1	1	0	0	22.52	-34.88	22.52	0.163	2.000	Pass
			1	271	0	0	22.25	-34.95	22.25	0.153	2.000	Pass
	MCH	PI/2 BPSK	135	67	0	0	22.99	-34.78	22.99	0.182	2.000	Pass
			1	1	0	0	22.37	-34.84	22.37	0.157	2.000	Pass
			1	271	0	0	22.35	-34.77	22.35	0.157	2.000	Pass
		QPSK	135	67	0	0	23.07	-34.77	23.07	0.185	2.000	Pass
			1	1	0	0	22.35	-34.75	22.35	0.157	2.000	Pass
			1	271	0	0	22.33	-34.77	22.33	0.156	2.000	Pass
	HCH	PI/2 BPSK	135	67	0	0	23.24	-34.77	23.24	0.192	2.000	Pass
			1	1	0	0	22.45	-34.82	22.45	0.160	2.000	Pass
			1	271	0	0	22.37	-34.77	22.38	0.158	2.000	Pass
		QPSK	135	67	0	0	23.27	-34.77	23.27	0.194	2.000	Pass
			1	1	0	0	22.45	-34.82	22.45	0.160	2.000	Pass
			1	271	0	0	22.38	-34.83	22.38	0.158	2.000	Pass

A.2 Peak to Average Ratio

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

Note 2: Test plots please refer to the document “Annex No.:BL-SZ2330970-501 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	2.72	13	1.1	Pass
	MCH	2.77	13	1.2	Pass
	HCH	2.86	13	1.3	Pass
Band 4	LCH	3	13	2.1	Pass
	MCH	3.05	13	2.2	Pass
	HCH	3.05	13	2.3	Pass
Band 5	LCH	3	13	3.1	Pass
	MCH	3.05	13	3.2	Pass
	HCH	2.95	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	4.31	13	4.1	Pass
				RB100#0	5.34	13	4.2	Pass
			16-QAM	RB1#0	4.87	13	4.3	Pass
				RB100#0	6.09	13	4.4	Pass
		MCH	QPSK	RB1#0	4.64	13	4.5	Pass
				RB100#0	5.34	13	4.6	Pass
			16-QAM	RB1#0	5.3	13	4.7	Pass
				RB100#0	6.14	13	4.8	Pass
		HCH	QPSK	RB1#0	5.02	13	4.9	Pass
				RB100#0	5.34	13	4.10	Pass
			16-QAM	RB1#0	6	13	4.11	Pass
				RB100#0	6	13	4.12	Pass
LTE Band 4	20 MHz	LCH	QPSK	RB1#0	5.06	13	5.1	Pass
				RB100#0	5.58	13	5.2	Pass
			16-QAM	RB1#0	5.53	13	5.3	Pass
				RB100#0	6.33	13	5.4	Pass
		MCH	QPSK	RB1#0	5.34	13	5.5	Pass
				RB100#0	5.67	13	5.6	Pass
			16-QAM	RB1#0	6	13	5.7	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
				RB100#0	6.42	13	5.8	Pass
		HCH	QPSK	RB1#0	5.53	13	5.9	Pass
				RB100#0	5.62	13	5.10	Pass
			16-QAM	RB1#0	6.56	13	5.11	Pass
				RB100#0	6.33	13	5.12	Pass
LTE Band 5	10 MHz	LCH	QPSK	RB1#0	4.5	13	6.1	Pass
				RB50#0	5.48	13	6.2	Pass
			16-QAM	RB1#0	5.39	13	6.3	Pass
				RB50#0	6.14	13	6.4	Pass
		MCH	QPSK	RB1#0	4.78	13	6.5	Pass
				RB50#0	5.39	13	6.6	Pass
			16-QAM	RB1#0	5.77	13	6.7	Pass
				RB50#0	6.19	13	6.8	Pass
		HCH	QPSK	RB1#0	4.45	13	6.9	Pass
				RB50#0	5.34	13	6.10	Pass
			16-QAM	RB1#0	5.16	13	6.11	Pass
				RB50#0	6.09	13	6.12	Pass
LTE Band 7	20 MHz	LCH	QPSK	RB1#0	5.02	13	7.1	Pass
				RB100#0	5.67	13	7.2	Pass
			16-QAM	RB1#0	5.53	13	7.3	Pass
				RB100#0	6.47	13	7.4	Pass
		MCH	QPSK	RB1#0	5.53	13	7.5	Pass
				RB100#0	5.62	13	7.6	Pass
			16-QAM	RB1#0	6.33	13	7.7	Pass
				RB100#0	6.42	13	7.8	Pass
		HCH	QPSK	RB1#0	5.02	13	7.9	Pass
				RB100#0	5.62	13	7.10	Pass
			16-QAM	RB1#0	6.05	13	7.11	Pass
				RB100#0	6.37	13	7.12	Pass
LTE Band 12	10 MHz	LCH	QPSK	RB1#0	4.36	13	8.1	Pass
				RB50#0	5.58	13	8.2	Pass
			16-QAM	RB1#0	5.25	13	8.3	Pass
				RB50#0	6.28	13	8.4	Pass
		MCH	QPSK	RB1#0	4.27	13	8.5	Pass
				RB50#0	5.48	13	8.6	Pass
			16-QAM	RB1#0	5.25	13	8.7	Pass
				RB50#0	6.33	13	8.8	Pass
		HCH	QPSK	RB1#0	4.73	13	8.9	Pass
				RB50#0	5.48	13	8.10	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
			16-QAM	RB1#0	5.48	13	8.11	Pass
				RB50#0	6.28	13	8.12	Pass
LTE Band 13	10 MHz	MCH	QPSK	RB1#0	4.08	13	9.1	Pass
				RB50#0	5.39	13	9.2	Pass
			16-QAM	RB1#0	4.87	13	9.3	Pass
				RB50#0	6.19	13	9.4	Pass
LTE Band 17	10 MHz	LCH	QPSK	RB1#0	4.55	13	10.1	Pass
				RB50#0	5.53	13	10.2	Pass
			16-QAM	RB1#0	5.44	13	10.3	Pass
				RB50#0	6.28	13	10.4	Pass
		MCH	QPSK	RB1#0	4.64	13	10.5	Pass
				RB50#0	5.44	13	10.6	Pass
			16-QAM	RB1#0	5.67	13	10.7	Pass
				RB50#0	6.33	13	10.8	Pass
		HCH	QPSK	RB1#0	4.73	13	10.9	Pass
				RB50#0	5.44	13	10.10	Pass
			16-QAM	RB1#0	5.44	13	10.11	Pass
				RB50#0	6.28	13	10.12	Pass
LTE Band 26 (Part22)	15 MHz	LCH	QPSK	RB1#0	4.59	13	11.1	Pass
				RB75#0	5.67	13	11.2	Pass
			16-QAM	RB1#0	5.44	13	11.3	Pass
				RB75#0	6.23	13	11.4	Pass
		MCH	QPSK	RB1#0	4.78	13	11.5	Pass
				RB75#0	5.67	13	11.6	Pass
			16-QAM	RB1#0	5.77	13	11.7	Pass
				RB75#0	6.19	13	11.8	Pass
		HCH	QPSK	RB1#0	4.92	13	11.9	Pass
				RB75#0	5.62	13	11.10	Pass
			16-QAM	RB1#0	5.67	13	11.11	Pass
				RB75#0	6.14	13	11.12	Pass
LTE Band 26 (Part90)	10 MHz	MCH	QPSK	RB1#0	4.41	13	12.1	Pass
				RB50#0	5.44	13	12.2	Pass
			16-QAM	RB1#0	5.3	13	12.3	Pass
				RB50#0	6.14	13	12.4	Pass
LTE Band 38	20 MHz	LCH	QPSK	RB1#0	9.05	13	13.1	Pass
				RB100#0	9.28	13	13.2	Pass
			16-QAM	RB1#0	9.75	13	13.3	Pass
				RB100#0	10.03	13	13.4	Pass
		MCH	QPSK	RB1#0	9.28	13	13.5	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
				RB100#0	9.33	13	13.6	Pass
			16-QAM	RB1#0	10.03	13	13.7	Pass
				RB100#0	9.98	13	13.8	Pass
		HCH	QPSK	RB1#0	9.37	13	13.9	Pass
				RB100#0	9.37	13	13.10	Pass
			16-QAM	RB1#0	10.3	13	13.11	Pass
				RB100#0	9.98	13	13.12	Pass
LTE Band 41	20 MHz	LCH	QPSK	RB1#0	9.09	13	14.1	Pass
				RB100#0	9.28	13	14.2	Pass
			16-QAM	RB1#0	9.7	13	14.3	Pass
				RB100#0	9.94	13	14.4	Pass
		MCH	QPSK	RB1#0	9.47	13	14.5	Pass
				RB100#0	9.33	13	14.6	Pass
			16-QAM	RB1#0	10.17	13	14.7	Pass
				RB100#0	10.03	13	14.8	Pass
		HCH	QPSK	RB1#0	9.61	13	14.9	Pass
				RB100#0	9.42	13	14.10	Pass
			16-QAM	RB1#0	10.08	13	14.11	Pass
				RB100#0	9.98	13	14.12	Pass
LTE Band 66	20 MHz	LCH	QPSK	RB1#0	5.02	13	15.1	Pass
				RB100#0	5.53	13	15.2	Pass
			16-QAM	RB1#0	5.48	13	15.3	Pass
				RB100#0	6.28	13	15.4	Pass
		MCH	QPSK	RB1#0	5.34	13	15.5	Pass
				RB100#0	5.58	13	15.6	Pass
			16-QAM	RB1#0	6.05	13	15.7	Pass
				RB100#0	6.33	13	15.8	Pass
		HCH	QPSK	RB1#0	5.39	13	15.9	Pass
				RB100#0	5.62	13	15.10	Pass
			16-QAM	RB1#0	6.42	13	15.11	Pass
				RB100#0	6.37	13	15.12	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	6.52	13	16.1	Pass
	16-QAM	50	0	100	0	7.17	13	16.2	Pass
20MHz+10MHz									
Mid	QPSK	100	0	50	0	6.52	13	16.3	Pass
	16-QAM	100	0	50	0	7.12	13	16.4	Pass
15MHz+15MHz									
Mid	QPSK	75	0	75	0	6.89	13	16.5	Pass
	16-QAM	75	0	75	0	7.27	13	16.6	Pass
15MHz+20MHz									
Mid	QPSK	75	0	100	0	6.66	13	16.7	Pass
	16-QAM	75	0	100	0	7.17	13	16.8	Pass
20MHz+15MHz									
Mid	QPSK	100	0	75	0	6.52	13	16.9	Pass
	16-QAM	100	0	75	0	7.22	13	16.10	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	0	6.7	13	16.11	Pass
	16-QAM	100	0	100	0	7.27	13	16.12	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	0	10.45	13	17.1	Pass
	16-QAM	75	0	75	0	10.87	13	17.2	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	0	10.31	13	17.3	Pass
	16-QAM	100	0	100	0	10.83	13	17.4	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	0	10.12	13	18.1	Pass
	16-QAM	25	0	100	0	10.73	13	18.2	Pass
20MHz+5MHz									
Mid	QPSK	100	0	25	0	10.22	13	18.3	Pass
	16-QAM	100	0	25	0	10.78	13	18.4	Pass
10MHz+20MHz									
Mid	QPSK	50	0	100	0	10.12	13	18.5	Pass
	16-QAM	50	0	100	0	10.69	13	18.6	Pass
20MHz+10MHz									
Mid	QPSK	100	0	50	0	10.17	13	18.7	Pass
	16-QAM	100	0	50	0	10.73	13	18.8	Pass
15MHz+15MHz									
Mid	QPSK	75	0	75	0	10.45	13	18.9	Pass
	16-QAM	75	0	75	0	10.83	13	18.10	Pass
15MHz+20MHz									
Mid	QPSK	75	0	100	0	10.27	13	18.11	Pass
	16-QAM	75	0	100	0	10.87	13	18.12	Pass
20MHz+15MHz									
Mid	QPSK	100	0	75	0	10.12	13	18.13	Pass
	16-QAM	100	0	75	0	10.87	13	18.14	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	0	10.36	13	18.15	Pass
	16-QAM	100	0	100	0	10.64	13	18.16	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	PI/2 BPSK	1	0	3.75	13	19.1	Pass
				100	0	4.31	13	19.2	Pass
			QPSK	1	0	5.34	13	19.3	Pass
				100	0	5.62	13	19.4	Pass
		MCH	PI/2 BPSK	1	0	3.66	13	19.5	Pass
				100	0	4.27	13	19.6	Pass
			QPSK	1	0	5.48	13	19.7	Pass
				100	0	5.58	13	19.8	Pass
		HCH	PI/2 BPSK	1	0	3.7	13	19.9	Pass
				100	0	4.31	13	19.10	Pass
			QPSK	1	0	5.48	13	19.11	Pass
				100	0	5.62	13	19.12	Pass
n7	20 MHz	LCH	PI/2 BPSK	1	0	3.61	13	20.1	Pass
				100	0	4.36	13	20.2	Pass
			QPSK	1	0	5.2	13	20.3	Pass
				100	0	5.58	13	20.4	Pass
		MCH	PI/2 BPSK	1	0	3.61	13	20.5	Pass
				100	0	4.27	13	20.6	Pass
			QPSK	1	0	5.39	13	20.7	Pass
				100	0	5.53	13	20.8	Pass
		HCH	PI/2 BPSK	1	0	3.56	13	20.9	Pass
				100	0	4.27	13	20.10	Pass
			QPSK	1	0	5.2	13	20.11	Pass
				100	0	5.48	13	20.12	Pass
n38	20 MHz	LCH	PI/2 BPSK	1	0	4.5	13	21.1	Pass
				50	0	4.45	13	21.2	Pass
			QPSK	1	0	6.09	13	21.3	Pass
				50	0	5.72	13	21.4	Pass
		MCH	PI/2 BPSK	1	0	4.12	13	21.5	Pass
				50	0	4.36	13	21.6	Pass
			QPSK	1	0	6.05	13	21.7	Pass
				50	0	5.62	13	21.8	Pass
		HCH	PI/2 BPSK	1	0	4.5	13	21.9	Pass
				50	0	4.36	13	21.10	Pass
			QPSK	1	0	5.91	13	21.11	Pass
				50	0	5.67	13	21.12	Pass
n41	20 MHz	LCH	PI/2 BPSK	1	0	4.69	13	22.1	Pass
				50	0	4.55	13	22.2	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
			QPSK	1	0	6.42	13	22.3	Pass
				50	0	5.77	13	22.4	Pass
		MCH	PI/2 BPSK	1	0	4.78	13	22.5	Pass
				50	0	4.55	13	22.6	Pass
			QPSK	1	0	6.28	13	22.7	Pass
				50	0	5.86	13	22.8	Pass
		HCH	PI/2 BPSK	1	0	4.45	13	22.9	Pass
				50	0	4.59	13	22.10	Pass
			QPSK	1	0	6.33	13	22.11	Pass
				50	0	5.77	13	22.12	Pass
n66	20 MHz	LCH	PI/2 BPSK	1	0	3.7	13	23.1	Pass
				100	0	4.36	13	23.2	Pass
			QPSK	1	0	5.39	13	23.3	Pass
				100	0	5.62	13	23.4	Pass
		MCH	PI/2 BPSK	1	0	3.75	13	23.5	Pass
				100	0	4.36	13	23.6	Pass
			QPSK	1	0	5.53	13	23.7	Pass
				100	0	5.62	13	23.8	Pass
		HCH	PI/2 BPSK	1	0	3.75	13	23.9	Pass
				100	0	4.36	13	23.10	Pass
			QPSK	1	0	5.48	13	23.11	Pass
				100	0	5.67	13	23.12	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-SZ2330970-501 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	0.246	0.314	1.1
	MCH	0.246	0.311	1.2
	HCH	0.247	0.31	1.3
GSM 1900	LCH	0.244	0.3	2.1
	MCH	0.244	0.299	2.2
	HCH	0.244	0.301	2.3
EGPRS 850	LCH	0.252	0.311	3.1
	MCH	0.25	0.31	3.2
	HCH	0.251	0.302	3.3
EGPRS 1900	LCH	0.246	0.313	4.1
	MCH	0.246	0.305	4.2
	HCH	0.246	0.305	4.3
WCDMA Band 2	LCH	4.141	4.737	5.1
	MCH	4.14	4.712	5.2
	HCH	4.138	4.702	5.3
WCDMA Band 4	LCH	4.135	4.698	6.1
	MCH	4.136	4.696	6.2
	HCH	4.134	4.693	6.3
WCDMA Band 5	LCH	4.143	4.701	7.1
	MCH	4.138	4.703	7.2
	HCH	4.133	4.7	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	1.086	1.287	8.1
			16-QAM	RB6#0	1.093	1.305	8.2
		MCH	QPSK	RB6#0	1.089	1.295	8.3
			16-QAM	RB6#0	1.084	1.263	8.4
		HCH	QPSK	RB6#0	1.092	1.26	8.5
			16-QAM	RB6#0	1.089	1.272	8.6
	3 MHz	LCH	QPSK	RB15#0	2.694	2.934	8.7
			16-QAM	RB15#0	2.685	2.947	8.8
		MCH	QPSK	RB15#0	2.694	2.935	8.9
			16-QAM	RB15#0	2.692	2.936	8.10
		HCH	QPSK	RB15#0	2.694	2.951	8.11
			16-QAM	RB15#0	2.687	2.952	8.12
	5 MHz	LCH	QPSK	RB25#0	4.496	4.961	8.13
			16-QAM	RB25#0	4.486	4.956	8.14
		MCH	QPSK	RB25#0	4.493	4.962	8.15
			16-QAM	RB25#0	4.492	4.955	8.16
		HCH	QPSK	RB25#0	4.49	4.936	8.17
			16-QAM	RB25#0	4.493	4.965	8.18
	10 MHz	LCH	QPSK	RB50#0	8.963	9.873	8.19
			16-QAM	RB50#0	8.98	9.8	8.20
		MCH	QPSK	RB50#0	8.974	9.895	8.21
			16-QAM	RB50#0	8.956	9.808	8.22
		HCH	QPSK	RB50#0	8.963	9.769	8.23
			16-QAM	RB50#0	8.949	9.814	8.24
	15 MHz	LCH	QPSK	RB75#0	13.451	14.762	8.25
			16-QAM	RB75#0	13.45	14.641	8.26
		MCH	QPSK	RB75#0	13.415	14.688	8.27
			16-QAM	RB75#0	13.435	14.643	8.28
		HCH	QPSK	RB75#0	13.406	14.766	8.29
			16-QAM	RB75#0	13.431	14.645	8.30
	20 MHz	LCH	QPSK	RB100#0	17.921	19.325	8.31
			16-QAM	RB100#0	17.907	19.371	8.32
		MCH	QPSK	RB100#0	17.917	19.343	8.33
			16-QAM	RB100#0	17.914	19.502	8.34
		HCH	QPSK	RB100#0	17.884	19.446	8.35
			16-QAM	RB100#0	17.857	19.35	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	1.087	1.272	9.1
			16-QAM	RB6#0	1.09	1.29	9.2
		MCH	QPSK	RB6#0	1.089	1.295	9.3
			16-QAM	RB6#0	1.084	1.266	9.4
		HCH	QPSK	RB6#0	1.09	1.27	9.5
			16-QAM	RB6#0	1.086	1.265	9.6
	3 MHz	LCH	QPSK	RB15#0	2.691	2.93	9.7
			16-QAM	RB15#0	2.687	2.933	9.8
		MCH	QPSK	RB15#0	2.694	2.935	9.9
			16-QAM	RB15#0	2.69	2.955	9.10
		HCH	QPSK	RB15#0	2.698	2.936	9.11
			16-QAM	RB15#0	2.685	2.945	9.12
	5 MHz	LCH	QPSK	RB25#0	4.499	4.967	9.13
			16-QAM	RB25#0	4.484	4.915	9.14
		MCH	QPSK	RB25#0	4.492	4.955	9.15
			16-QAM	RB25#0	4.501	4.94	9.16
		HCH	QPSK	RB25#0	4.481	4.942	9.17
			16-QAM	RB25#0	4.486	5.003	9.18
	10 MHz	LCH	QPSK	RB50#0	8.971	9.851	9.19
			16-QAM	RB50#0	8.96	9.778	9.20
		MCH	QPSK	RB50#0	8.974	9.793	9.21
			16-QAM	RB50#0	8.963	9.787	9.22
		HCH	QPSK	RB50#0	8.962	9.801	9.23
			16-QAM	RB50#0	8.964	9.792	9.24
	15 MHz	LCH	QPSK	RB75#0	13.434	14.673	9.25
			16-QAM	RB75#0	13.435	14.658	9.26
		MCH	QPSK	RB75#0	13.414	14.61	9.27
			16-QAM	RB75#0	13.445	14.647	9.28
		HCH	QPSK	RB75#0	13.412	14.691	9.29
			16-QAM	RB75#0	13.424	14.629	9.30
	20 MHz	LCH	QPSK	RB100#0	17.893	19.329	9.31
			16-QAM	RB100#0	17.948	19.392	9.32
		MCH	QPSK	RB100#0	17.903	19.41	9.33
			16-QAM	RB100#0	17.912	19.502	9.34
		HCH	QPSK	RB100#0	17.91	19.512	9.35
			16-QAM	RB100#0	17.895	19.371	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	1.288	10.1
			16-QAM	RB6#0	1.093	1.304	10.2
		MCH	QPSK	RB6#0	1.089	1.295	10.3
			16-QAM	RB6#0	1.087	1.264	10.4
		HCH	QPSK	RB6#0	1.091	1.273	10.5
			16-QAM	RB6#0	1.09	1.295	10.6
	3 MHz	LCH	QPSK	RB15#0	2.693	2.934	10.7
			16-QAM	RB15#0	2.69	2.96	10.8
		MCH	QPSK	RB15#0	2.69	2.936	10.9
			16-QAM	RB15#0	2.695	2.942	10.10
		HCH	QPSK	RB15#0	2.694	2.946	10.11
			16-QAM	RB15#0	2.688	2.949	10.12
	5 MHz	LCH	QPSK	RB25#0	4.499	4.978	10.13
			16-QAM	RB25#0	4.489	4.929	10.14
		MCH	QPSK	RB25#0	4.49	4.972	10.15
			16-QAM	RB25#0	4.493	4.954	10.16
		HCH	QPSK	RB25#0	4.486	4.949	10.17
			16-QAM	RB25#0	4.492	4.963	10.18
	10 MHz	LCH	QPSK	RB50#0	8.983	9.923	10.19
			16-QAM	RB50#0	8.958	9.804	10.20
		MCH	QPSK	RB50#0	8.967	9.788	10.21
			16-QAM	RB50#0	8.955	9.787	10.22
		HCH	QPSK	RB50#0	8.97	9.83	10.23
			16-QAM	RB50#0	8.961	9.811	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	4.495	4.976	11.1
			16-QAM	RB25#0	4.489	4.943	11.2
		MCH	QPSK	RB25#0	4.49	4.945	11.3
			16-QAM	RB25#0	4.494	4.965	11.4
		HCH	QPSK	RB25#0	4.491	4.944	11.5
			16-QAM	RB25#0	4.492	4.969	11.6
	10 MHz	LCH	QPSK	RB50#0	8.963	9.877	11.7
			16-QAM	RB50#0	8.97	9.758	11.8
		MCH	QPSK	RB50#0	8.947	9.785	11.9
			16-QAM	RB50#0	8.956	9.772	11.10
		HCH	QPSK	RB50#0	8.957	9.791	11.11
			16-QAM	RB50#0	8.952	9.856	11.12
	15 MHz	LCH	QPSK	RB75#0	13.448	14.646	11.13
			16-QAM	RB75#0	13.456	14.632	11.14
		MCH	QPSK	RB75#0	13.41	14.665	11.15
			16-QAM	RB75#0	13.439	14.649	11.16
		HCH	QPSK	RB75#0	13.428	14.772	11.17
			16-QAM	RB75#0	13.457	14.685	11.18
	20 MHz	LCH	QPSK	RB100#0	17.916	19.284	11.19
			16-QAM	RB100#0	17.862	19.373	11.20
		MCH	QPSK	RB100#0	17.909	19.336	11.21
			16-QAM	RB100#0	17.967	19.413	11.22
		HCH	QPSK	RB100#0	17.916	19.392	11.23
			16-QAM	RB100#0	17.898	19.383	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	1.085	1.269	12.1
			16-QAM	RB6#0	1.093	1.284	12.2
		MCH	QPSK	RB6#0	1.091	1.295	12.3
			16-QAM	RB6#0	1.085	1.273	12.4
		HCH	QPSK	RB6#0	1.093	1.264	12.5
			16-QAM	RB6#0	1.09	1.288	12.6
	3 MHz	LCH	QPSK	RB15#0	2.69	2.927	12.7
			16-QAM	RB15#0	2.689	2.96	12.8
		MCH	QPSK	RB15#0	2.69	2.937	12.9
			16-QAM	RB15#0	2.687	2.938	12.10
		HCH	QPSK	RB15#0	2.692	2.948	12.11
			16-QAM	RB15#0	2.687	2.943	12.12
	5 MHz	LCH	QPSK	RB25#0	4.497	4.948	12.13
			16-QAM	RB25#0	4.484	4.911	12.14
		MCH	QPSK	RB25#0	4.491	4.947	12.15
			16-QAM	RB25#0	4.487	4.945	12.16
		HCH	QPSK	RB25#0	4.484	4.942	12.17
			16-QAM	RB25#0	4.491	5.005	12.18
	10 MHz	LCH	QPSK	RB50#0	8.977	9.883	12.19
			16-QAM	RB50#0	8.959	9.784	12.20
		MCH	QPSK	RB50#0	8.959	9.75	12.21
			16-QAM	RB50#0	8.954	9.807	12.22
		HCH	QPSK	RB50#0	8.95	9.785	12.23
			16-QAM	RB50#0	8.947	9.827	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 13	5 MHz	LCH	QPSK	RB25#0	4.498	4.974	13.1
			16-QAM	RB25#0	4.485	4.907	13.2
		MCH	QPSK	RB25#0	4.49	4.97	13.3
			16-QAM	RB25#0	4.501	4.96	13.4
		HCH	QPSK	RB25#0	4.489	4.934	13.5
			16-QAM	RB25#0	4.495	4.992	13.6
	10 MHz	MCH	QPSK	RB50#0	8.971	9.823	13.7
			16-QAM	RB50#0	8.981	9.739	13.8

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	4.494	4.96	14.1
			16-QAM	RB25#0	4.487	4.93	14.2
		MCH	QPSK	RB25#0	4.491	4.954	14.3
			16-QAM	RB25#0	4.497	4.94	14.4
		HCH	QPSK	RB25#0	4.489	4.924	14.5
			16-QAM	RB25#0	4.492	4.984	14.6
	10 MHz	LCH	QPSK	RB50#0	8.964	9.861	14.7
			16-QAM	RB50#0	8.975	9.773	14.8
		MCH	QPSK	RB50#0	8.948	9.744	14.9
			16-QAM	RB50#0	8.957	9.769	14.10
		HCH	QPSK	RB50#0	8.95	9.793	14.11
			16-QAM	RB50#0	8.949	9.812	14.12

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	1.087	1.28	15.1
			16-QAM	RB6#0	1.093	1.305	15.2
		MCH	QPSK	RB6#0	1.089	1.294	15.3
			16-QAM	RB6#0	1.083	1.268	15.4
		HCH	QPSK	RB6#0	1.092	1.278	15.5
			16-QAM	RB6#0	1.089	1.289	15.6
	3 MHz	LCH	QPSK	RB15#0	2.693	2.931	15.7
			16-QAM	RB15#0	2.69	2.948	15.8
		MCH	QPSK	RB15#0	2.691	2.929	15.9
			16-QAM	RB15#0	2.691	2.944	15.10
		HCH	QPSK	RB15#0	2.695	2.95	15.11
			16-QAM	RB15#0	2.688	2.945	15.12
	5 MHz	LCH	QPSK	RB25#0	4.498	4.957	15.13
			16-QAM	RB25#0	4.493	4.934	15.14
		MCH	QPSK	RB25#0	4.489	4.967	15.15
			16-QAM	RB25#0	4.5	4.945	15.16
		HCH	QPSK	RB25#0	4.489	4.926	15.17
			16-QAM	RB25#0	4.492	4.988	15.18
	10 MHz	LCH	QPSK	RB50#0	8.978	9.918	15.19
			16-QAM	RB50#0	8.952	9.832	15.20
		MCH	QPSK	RB50#0	8.954	9.77	15.21
			16-QAM	RB50#0	8.95	9.787	15.22
		HCH	QPSK	RB50#0	8.962	9.817	15.23
			16-QAM	RB50#0	8.96	9.826	15.24
	15 MHz	LCH	QPSK	RB75#0	13.439	14.704	15.25
			16-QAM	RB75#0	13.433	14.696	15.26
		MCH	QPSK	RB75#0	13.418	14.614	15.27
			16-QAM	RB75#0	13.43	14.654	15.28
		HCH	QPSK	RB75#0	13.426	14.739	15.29
			16-QAM	RB75#0	13.444	14.619	15.30

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	1.085	1.291	16.1
			16-QAM	RB6#0	1.093	1.306	16.2
		MCH	QPSK	RB6#0	1.088	1.294	16.3
			16-QAM	RB6#0	1.083	1.266	16.4
		HCH	QPSK	RB6#0	1.087	1.277	16.5
			16-QAM	RB6#0	1.088	1.267	16.6
	3 MHz	LCH	QPSK	RB15#0	2.693	2.926	16.7
			16-QAM	RB15#0	2.693	2.944	16.8
		MCH	QPSK	RB15#0	2.692	2.932	16.9
			16-QAM	RB15#0	2.689	2.947	16.10
		HCH	QPSK	RB15#0	2.695	2.951	16.11
			16-QAM	RB15#0	2.687	2.94	16.12
	5 MHz	LCH	QPSK	RB25#0	4.497	4.948	16.13
			16-QAM	RB25#0	4.492	4.919	16.14
		MCH	QPSK	RB25#0	4.492	4.979	16.15
			16-QAM	RB25#0	4.494	4.964	16.16
		HCH	QPSK	RB25#0	4.483	4.959	16.17
			16-QAM	RB25#0	4.489	4.971	16.18
	10 MHz	MCH	QPSK	RB50#0	8.966	9.88	16.19
			16-QAM	RB50#0	8.96	9.778	16.20

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 38	5 MHz	LCH	QPSK	RB25#0	4.504	5.236	17.1
			16-QAM	RB25#0	4.495	4.995	17.2
		MCH	QPSK	RB25#0	4.497	5.047	17.3
			16-QAM	RB25#0	4.495	5.03	17.4
		HCH	QPSK	RB25#0	4.51	5.378	17.5
			16-QAM	RB25#0	4.492	5.001	17.6
	10 MHz	LCH	QPSK	RB50#0	8.987	10.231	17.7
			16-QAM	RB50#0	8.986	9.824	17.8
		MCH	QPSK	RB50#0	8.998	10.679	17.9
			16-QAM	RB50#0	8.952	9.758	17.10
		HCH	QPSK	RB50#0	9.007	10.081	17.11
			16-QAM	RB50#0	8.977	10.016	17.12
	15 MHz	LCH	QPSK	RB75#0	13.501	15.409	17.13
			16-QAM	RB75#0	13.513	16.21	17.14
		MCH	QPSK	RB75#0	13.458	15.254	17.15
			16-QAM	RB75#0	13.544	16.147	17.16
		HCH	QPSK	RB75#0	13.504	15.663	17.17
			16-QAM	RB75#0	13.523	15.762	17.18
	20 MHz	LCH	QPSK	RB100#0	17.969	19.426	17.19
			16-QAM	RB100#0	17.951	20.274	17.20
		MCH	QPSK	RB100#0	17.939	20.578	17.21
			16-QAM	RB100#0	17.989	22.011	17.22
		HCH	QPSK	RB100#0	17.953	20.051	17.23
			16-QAM	RB100#0	17.927	20.187	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 41	5 MHz	LCH	QPSK	RB25#0	4.494	5.038	18.1
			16-QAM	RB25#0	4.496	5.009	18.2
		MCH	QPSK	RB25#0	4.511	5.382	18.3
			16-QAM	RB25#0	4.488	4.985	18.4
		HCH	QPSK	RB25#0	4.504	5.428	18.5
			16-QAM	RB25#0	4.497	5.011	18.6
	10 MHz	LCH	QPSK	RB50#0	8.988	10.383	18.7
			16-QAM	RB50#0	8.982	9.787	18.8
		MCH	QPSK	RB50#0	9.003	10.603	18.9
			16-QAM	RB50#0	8.956	9.753	18.10
		HCH	QPSK	RB50#0	9.008	10.188	18.11
			16-QAM	RB50#0	8.974	9.818	18.12
	15 MHz	LCH	QPSK	RB75#0	13.491	15.324	18.13
			16-QAM	RB75#0	13.496	15.754	18.14
		MCH	QPSK	RB75#0	13.447	15.304	18.15
			16-QAM	RB75#0	13.519	15.279	18.16
		HCH	QPSK	RB75#0	13.483	15.536	18.17
			16-QAM	RB75#0	13.502	15.799	18.18
	20 MHz	LCH	QPSK	RB100#0	17.971	19.392	18.19
			16-QAM	RB100#0	17.945	20.127	18.20
		MCH	QPSK	RB100#0	17.932	20.014	18.21
			16-QAM	RB100#0	18.001	22.674	18.22
		HCH	QPSK	RB100#0	17.952	20.007	18.23
			16-QAM	RB100#0	17.916	20.268	18.24

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	1.085	1.275	19.1
			16-QAM	RB6#0	1.091	1.303	19.2
		MCH	QPSK	RB6#0	1.089	1.29	19.3
			16-QAM	RB6#0	1.084	1.268	19.4
		HCH	QPSK	RB6#0	1.09	1.267	19.5
			16-QAM	RB6#0	1.089	1.277	19.6
	3 MHz	LCH	QPSK	RB15#0	2.692	2.952	19.7
			16-QAM	RB15#0	2.689	2.947	19.8
		MCH	QPSK	RB15#0	2.693	2.926	19.9
			16-QAM	RB15#0	2.693	2.938	19.10
		HCH	QPSK	RB15#0	2.692	2.933	19.11
			16-QAM	RB15#0	2.686	2.95	19.12
	5 MHz	LCH	QPSK	RB25#0	4.499	4.964	19.13
			16-QAM	RB25#0	4.487	4.945	19.14
		MCH	QPSK	RB25#0	4.492	4.96	19.15
			16-QAM	RB25#0	4.494	4.958	19.16
		HCH	QPSK	RB25#0	4.488	4.92	19.17
			16-QAM	RB25#0	4.493	4.971	19.18
	10 MHz	LCH	QPSK	RB50#0	8.982	9.887	19.19
			16-QAM	RB50#0	8.957	9.788	19.20
		MCH	QPSK	RB50#0	8.949	9.808	19.21
			16-QAM	RB50#0	8.95	9.782	19.22
		HCH	QPSK	RB50#0	8.964	9.855	19.23
			16-QAM	RB50#0	8.957	9.773	19.24
	15 MHz	LCH	QPSK	RB75#0	13.441	14.707	19.25
			16-QAM	RB75#0	13.422	14.601	19.26
		MCH	QPSK	RB75#0	13.445	14.711	19.27
			16-QAM	RB75#0	13.42	14.654	19.28
		HCH	QPSK	RB75#0	13.415	14.774	19.29
			16-QAM	RB75#0	13.447	14.671	19.30
	20 MHz	LCH	QPSK	RB100#0	17.896	19.281	19.31
			16-QAM	RB100#0	17.955	19.385	19.32
		MCH	QPSK	RB100#0	17.903	19.339	19.33
			16-QAM	RB100#0	17.911	19.557	19.34
		HCH	QPSK	RB100#0	17.958	19.368	19.35
			16-QAM	RB100#0	17.889	19.375	19.36

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_7C								
10MHz+20MHz								
Mid	QPSK	50	0	100	0	27.81	29.64	20.1
	16-QAM	50	0	100	0	27.72	29.49	20.2
20MHz+10MHz								
Mid	QPSK	100	0	50	0	27.82	29.71	20.3
	16-QAM	100	0	50	0	27.76	29.53	20.4
15MHz+15MHz								
Mid	QPSK	75	0	75	0	28.39	30.38	20.5
	16-QAM	75	0	75	0	28.42	30.35	20.6
15MHz+20MHz								
Mid	QPSK	75	0	100	0	32.71	34.91	20.7
	16-QAM	75	0	100	0	32.61	34.76	20.8
20MHz+15MHz								
Mid	QPSK	100	0	75	0	32.66	34.81	20.9
	16-QAM	100	0	75	0	32.69	34.8	20.10
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.65	40.01	20.11
	16-QAM	100	0	100	0	37.56	40.12	20.12

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	28.45	31.67	21.1
	16-QAM	75	0	75	0	28.5	31.79	21.2
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.7	43.91	21.3
	16-QAM	100	0	100	0	37.61	40.51	21.4

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	23.01	26.02	22.1
	16-QAM	25	0	100	0	22.9	24.63	22.2
20MHz+5MHz								
Mid	QPSK	100	0	25	0	23	25.29	22.3
	16-QAM	100	0	25	0	22.93	24.64	22.4
10MHz+20MHz								
Mid	QPSK	50	0	100	0	27.83	30.8	22.5
	16-QAM	50	0	100	0	27.78	29.94	22.6
20MHz+10MHz								
Mid	QPSK	100	0	50	0	27.85	29.57	22.7
	16-QAM	100	0	50	0	27.81	30.7	22.8
15MHz+15MHz								
Mid	QPSK	75	0	75	0	28.45	31.88	22.9
	16-QAM	75	0	75	0	28.49	31.8	22.10
15MHz+20MHz								
Mid	QPSK	75	0	100	0	32.78	36.11	22.11
	16-QAM	75	0	100	0	32.67	36.23	22.12
20MHz+15MHz								
Mid	QPSK	100	0	75	0	32.76	37.11	22.13
	16-QAM	100	0	75	0	32.72	35.78	22.14
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.76	43.64	22.15
	16-QAM	100	0	100	0	37.64	41.6	22.16

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	PI/2 BPSK	25	0	4.499206	4.962571	Pass	23.1
			QPSK	25	0	4.497451	4.940937	Pass	23.2
		MCH	PI/2 BPSK	25	0	4.492757	4.924746	Pass	23.3
			QPSK	25	0	4.48773	4.918528	Pass	23.4
		HCH	PI/2 BPSK	25	0	4.504323	4.952959	Pass	23.5
			QPSK	25	0	4.495405	4.927652	Pass	23.6
	10 MHz	LCH	PI/2 BPSK	50	0	9.033185	9.917723	Pass	23.7
			QPSK	50	0	9.066808	9.906242	Pass	23.8
		MCH	PI/2 BPSK	50	0	9.049627	9.874372	Pass	23.9
			QPSK	50	0	9.067008	9.973689	Pass	23.10
		HCH	PI/2 BPSK	50	0	9.020169	9.758878	Pass	23.11
			QPSK	50	0	9.068515	9.974213	Pass	23.12
	15 MHz	LCH	PI/2 BPSK	75	0	13.44201	14.45693	Pass	23.13
			QPSK	75	0	13.45751	14.42706	Pass	23.14
		MCH	PI/2 BPSK	75	0	13.45678	14.45133	Pass	23.15
			QPSK	75	0	13.44302	14.46405	Pass	23.16
		HCH	PI/2 BPSK	75	0	13.43429	14.44418	Pass	23.17
			QPSK	75	0	13.43148	14.44245	Pass	23.18
	20 MHz	LCH	PI/2 BPSK	100	0	17.93746	19.14635	Pass	23.19
			QPSK	100	0	17.87706	19.30246	Pass	23.20
		MCH	PI/2 BPSK	100	0	17.93677	19.30464	Pass	23.21
			QPSK	100	0	17.85255	19.17143	Pass	23.22
		HCH	PI/2 BPSK	100	0	17.88523	19.09744	Pass	23.23
			QPSK	100	0	17.85645	19.25861	Pass	23.24
n7	5 MHz	LCH	PI/2 BPSK	25	0	4.491779	4.933499	Pass	24.1
			QPSK	25	0	4.493861	4.950353	Pass	24.2
		MCH	PI/2 BPSK	25	0	4.491927	4.924464	Pass	24.3
			QPSK	25	0	4.494648	4.940417	Pass	24.4
		HCH	PI/2 BPSK	25	0	4.487573	4.922478	Pass	24.5
			QPSK	25	0	4.494482	4.93642	Pass	24.6
	10 MHz	LCH	PI/2 BPSK	50	0	9.033174	9.817102	Pass	24.7
			QPSK	50	0	9.080164	10.46329	Pass	24.8
		MCH	PI/2 BPSK	50	0	9.034912	9.860851	Pass	24.9
			QPSK	50	0	9.065701	9.970259	Pass	24.10
		HCH	PI/2 BPSK	50	0	9.037211	9.889074	Pass	24.11
			QPSK	50	0	9.069143	9.919122	Pass	24.12
	15 MHz	LCH	PI/2 BPSK	75	0	13.45934	14.52115	Pass	24.13

Test Band	NR Test Bandwidth	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict	Refer to Plot[Note2]
			QPSK	75	0	13.44403	14.44969	Pass	24.14
		MCH	PI/2 BPSK	75	0	13.45071	14.46086	Pass	24.15
			QPSK	75	0	13.44183	14.46707	Pass	24.16
		HCH	PI/2 BPSK	75	0	13.43745	14.47194	Pass	24.17
			QPSK	75	0	13.42438	14.4477	Pass	24.18
	20 MHz	LCH	PI/2 BPSK	100	0	17.92992	19.16785	Pass	24.19
			QPSK	100	0	17.87176	19.31945	Pass	24.20
		MCH	PI/2 BPSK	100	0	17.92679	19.22096	Pass	24.21
			QPSK	100	0	17.8956	19.33898	Pass	24.22
		HCH	PI/2 BPSK	100	0	17.9225	19.11805	Pass	24.23
			QPSK	100	0	17.89511	19.41977	Pass	24.24
	25 MHz	LCH	PI/2 BPSK	128	0	23.25367	25.21426	Pass	24.25
			QPSK	128	0	23.17032	25.36606	Pass	24.26
		MCH	PI/2 BPSK	128	0	23.27154	25.18298	Pass	24.27
			QPSK	128	0	23.19815	27.02758	Pass	24.28
		HCH	PI/2 BPSK	128	0	23.27405	27.86394	Pass	24.29
			QPSK	128	0	23.23892	25.35795	Pass	24.30
	30 MHz	LCH	PI/2 BPSK	160	0	28.88219	31.03532	Pass	24.31
			QPSK	160	0	28.93306	31.51128	Pass	24.32
		MCH	PI/2 BPSK	160	0	28.91263	31.08023	Pass	24.33
			QPSK	160	0	29.01076	33.08945	Pass	24.34
		HCH	PI/2 BPSK	160	0	28.89047	31.06397	Pass	24.35
			QPSK	160	0	29.01713	31.29434	Pass	24.36
	40 MHz	LCH	PI/2 BPSK	216	0	38.69655	41.12469	Pass	24.37
			QPSK	216	0	38.72512	41.35935	Pass	24.38
		MCH	PI/2 BPSK	216	0	38.72551	41.2047	Pass	24.39
			QPSK	216	0	38.80038	46.17714	Pass	24.40
		HCH	PI/2 BPSK	216	0	38.71913	41.12816	Pass	24.41
			QPSK	216	0	38.78511	41.26766	Pass	24.42
n38	10 MHz	LCH	PI/2 BPSK	24	0	8.709423	9.764031	Pass	25.1
			QPSK	24	0	8.739318	9.794435	Pass	25.2
		MCH	PI/2 BPSK	24	0	8.690532	9.705867	Pass	25.3
			QPSK	24	0	8.725904	9.945629	Pass	25.4
		HCH	PI/2 BPSK	24	0	8.692558	9.790059	Pass	25.5
			QPSK	24	0	8.726965	9.791677	Pass	25.6
	15 MHz	LCH	PI/2 BPSK	36	0	12.94895	14.21441	Pass	25.7
			QPSK	36	0	12.96062	14.41449	Pass	25.8
		MCH	PI/2 BPSK	36	0	12.97415	14.27387	Pass	25.9

Test Band	NR Test Bandwidth	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict	Refer to Plot[Note2]
			QPSK	36	0	12.94546	14.30214	Pass	25.10
		HCH	PI/2 BPSK	36	0	12.99711	14.3741	Pass	25.11
			QPSK	36	0	12.94415	14.29408	Pass	25.12
	20 MHz	LCH	PI/2 BPSK	50	0	17.8722	19.09916	Pass	25.13
			QPSK	50	0	17.89856	19.30596	Pass	25.14
		MCH	PI/2 BPSK	50	0	17.87234	19.18544	Pass	25.15
			QPSK	50	0	17.88096	19.20811	Pass	25.16
		HCH	PI/2 BPSK	50	0	17.87473	19.22061	Pass	25.17
			QPSK	50	0	17.88578	19.24368	Pass	25.18
	30 MHz	LCH	PI/2 BPSK	75	0	27.23543	29.82287	Pass	25.19
			QPSK	75	0	27.1901	29.78704	Pass	25.20
		MCH	PI/2 BPSK	75	0	27.22366	29.80196	Pass	25.21
			QPSK	75	0	27.20958	30.07521	Pass	25.22
		HCH	PI/2 BPSK	75	0	27.21233	29.73907	Pass	25.23
			QPSK	75	0	27.22362	30.17374	Pass	25.24
	40 MHz	LCH	PI/2 BPSK	100	0	35.96427	38.5102	Pass	25.25
			QPSK	100	0	35.92678	39.05112	Pass	25.26
		MCH	PI/2 BPSK	100	0	35.96627	38.74732	Pass	25.27
			QPSK	100	0	35.91518	38.88476	Pass	25.28
		HCH	PI/2 BPSK	100	0	35.97295	38.59876	Pass	25.29
			QPSK	100	0	35.89376	38.84485	Pass	25.30
n41	20 MHz	LCH	PI/2 BPSK	50	0	17.86704	19.08567	Pass	26.1
			QPSK	50	0	17.93053	22.44185	Pass	26.2
		MCH	PI/2 BPSK	50	0	17.87189	19.14997	Pass	26.3
			QPSK	50	0	17.89431	19.23705	Pass	26.4
		HCH	PI/2 BPSK	50	0	17.87076	19.2013	Pass	26.5
			QPSK	50	0	17.90133	19.29878	Pass	26.6
	30 MHz	LCH	PI/2 BPSK	75	0	27.21767	29.86184	Pass	26.7
			QPSK	75	0	27.12205	29.87433	Pass	26.8
		MCH	PI/2 BPSK	75	0	27.22755	29.80259	Pass	26.9
			QPSK	75	0	27.1305	29.81401	Pass	26.10
		HCH	PI/2 BPSK	75	0	27.207	29.6485	Pass	26.11
			QPSK	75	0	27.12748	29.78555	Pass	26.12
	40 MHz	LCH	PI/2 BPSK	100	0	35.92754	38.54842	Pass	26.13
			QPSK	100	0	36.02744	44.92966	Pass	26.14
		MCH	PI/2 BPSK	100	0	36.06825	38.69007	Pass	26.15
			QPSK	100	0	35.92156	38.8275	Pass	26.16
		HCH	PI/2 BPSK	100	0	35.929	38.53364	Pass	26.17

Test Band	NR Test Bandwidth	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict	Refer to Plot[Note2]
			QPSK	100	0	35.90782	38.95184	Pass	26.18
	50 MHz	LCH	PI/2 BPSK	128	0	45.81582	48.76257	Pass	26.19
			QPSK	128	0	45.86862	49.3298	Pass	26.20
		MCH	PI/2 BPSK	128	0	45.92232	49.04911	Pass	26.21
			QPSK	128	0	45.82619	66.1845	Pass	26.22
		HCH	PI/2 BPSK	128	0	45.85376	49.00368	Pass	26.23
			QPSK	128	0	45.72283	49.09347	Pass	26.24
	60 MHz	LCH	PI/2 BPSK	162	0	57.67974	60.70976	Pass	26.25
			QPSK	162	0	57.80218	60.99852	Pass	26.26
		MCH	PI/2 BPSK	162	0	57.73074	60.76375	Pass	26.27
			QPSK	162	0	57.87752	67.73238	Pass	26.28
		HCH	PI/2 BPSK	162	0	57.75479	60.71706	Pass	26.29
			QPSK	162	0	57.76748	61.00709	Pass	26.30
	70 MHz	LCH	PI/2 BPSK	180	0	64.27956	68.11006	Pass	26.31
			QPSK	180	0	64.38809	68.34222	Pass	26.32
		MCH	PI/2 BPSK	180	0	64.37464	68.07074	Pass	26.33
			QPSK	180	0	64.42265	70.26496	Pass	26.34
		HCH	PI/2 BPSK	180	0	64.2919	68.12115	Pass	26.35
			QPSK	180	0	64.31578	68.1524	Pass	26.36
	80 MHz	LCH	PI/2 BPSK	216	0	76.95038	80.25767	Pass	26.37
			QPSK	216	0	76.94222	88.96193	Pass	26.38
		MCH	PI/2 BPSK	216	0	76.83527	80.26332	Pass	26.39
			QPSK	216	0	76.99722	91.14304	Pass	26.40
		HCH	PI/2 BPSK	216	0	76.7683	80.17898	Pass	26.41
			QPSK	216	0	76.94226	83.05064	Pass	26.42
	90 MHz	LCH	PI/2 BPSK	243	0	86.475	90.03295	Pass	26.43
			QPSK	243	0	86.32407	89.8685	Pass	26.44
		MCH	PI/2 BPSK	243	0	86.5434	90.16241	Pass	26.45
			QPSK	243	0	86.47549	100.6001	Pass	26.46
		HCH	PI/2 BPSK	243	0	86.4559	90.15126	Pass	26.47
			QPSK	243	0	86.69462	106.0187	Pass	26.48
	100 MHz	LCH	PI/2 BPSK	270	0	96.08016	99.86534	Pass	26.49
			QPSK	270	0	95.82774	99.84456	Pass	26.50
		MCH	PI/2 BPSK	270	0	96.11447	99.79153	Pass	26.51
			QPSK	270	0	95.92818	100.201	Pass	26.52
		HCH	PI/2 BPSK	270	0	96.11741	99.97914	Pass	26.53
			QPSK	270	0	95.87071	108.4504	Pass	26.54
n66	5 MHz	LCH	PI/2 BPSK	25	0	4.504925	4.953399	Pass	27.1

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]
			QPSK	25	0	4.479552	4.918982	Pass	27.2
		MCH	PI/2 BPSK	25	0	4.505866	4.951638	Pass	27.3
			QPSK	25	0	4.475155	4.910237	Pass	27.4
		HCH	PI/2 BPSK	25	0	4.505251	4.944404	Pass	27.5
			QPSK	25	0	4.48171	4.924623	Pass	27.6
	10 MHz	LCH	PI/2 BPSK	50	0	9.029713	9.860988	Pass	27.7
			QPSK	50	0	9.11973	9.977365	Pass	27.8
		MCH	PI/2 BPSK	50	0	9.043809	9.944638	Pass	27.9
			QPSK	50	0	9.107261	9.935843	Pass	27.10
		HCH	PI/2 BPSK	50	0	9.027199	9.881336	Pass	27.11
			QPSK	50	0	9.122443	10.05807	Pass	27.12
	15 MHz	LCH	PI/2 BPSK	75	0	13.45453	14.3818	Pass	27.13
			QPSK	75	0	13.46829	14.48436	Pass	27.14
		MCH	PI/2 BPSK	75	0	13.43993	14.39599	Pass	27.15
			QPSK	75	0	13.50957	14.50674	Pass	27.16
		HCH	PI/2 BPSK	75	0	13.43823	14.40059	Pass	27.17
			QPSK	75	0	13.43941	14.44438	Pass	27.18
	20 MHz	LCH	PI/2 BPSK	100	0	17.83499	19.08539	Pass	27.19
			QPSK	100	0	17.86766	19.05499	Pass	27.20
		MCH	PI/2 BPSK	100	0	17.8486	19.29358	Pass	27.21
			QPSK	100	0	17.8591	19.15767	Pass	27.22
		HCH	PI/2 BPSK	100	0	17.85046	19.26211	Pass	27.23
			QPSK	100	0	17.88495	19.07569	Pass	27.24
	30 MHz	LCH	PI/2 BPSK	160	0	28.887	30.94993	Pass	27.25
			QPSK	160	0	28.89464	31.11078	Pass	27.26
		MCH	PI/2 BPSK	160	0	28.87697	30.97308	Pass	27.27
			QPSK	160	0	28.88328	31.07893	Pass	27.28
		HCH	PI/2 BPSK	160	0	28.90015	31.00899	Pass	27.29
			QPSK	160	0	28.89952	31.09157	Pass	27.30
	40 MHz	LCH	PI/2 BPSK	216	0	38.73644	41.20188	Pass	27.31
			QPSK	216	0	38.72532	41.28261	Pass	27.32
		MCH	PI/2 BPSK	216	0	38.71016	41.12721	Pass	27.33
			QPSK	216	0	38.60328	41.37696	Pass	27.34
		HCH	PI/2 BPSK	216	0	38.64092	41.12544	Pass	27.35
			QPSK	216	0	38.57887	41.30976	Pass	27.36

A.4 Frequency Stability

GSM 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	-16.53	±2060.5	-18.63	±2091.5	-15.76	±2122	Pass
	-20	-14.27		-16.63		-11.27		
	-10	-11.43		-14.69		-13.3		
	0	-16.4		-15.79		-15.4		
	+10	-13.37		-17.05		-12.01		
	+20	-14.43		-15.4		-11.17		
	+25	-17.01		-16.24		-14.59		
	+30	-13.92		-18.05		-13.37		
	+40	-14.98		-18.02		-12.72		
	+50	-12.79		-16.82		-14.5		
4.48	+25	-15.43		-16.01		-14.3		
3.6	+25	-12.85		-15.46		-15.53		

GSM 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	-15.85	±4625.5	-20.05	±4700.0	-13.04	±4774.5	Pass
	-20	-16.5		-21.37		-13.37		
	-10	-16.66		-10.17		-19.89		
	0	-17.34		-16.24		-17.27		
	+10	-21.37		-10.69		-14.66		
	+20	-19.37		-18.53		-16.79		
	+25	-16.18		-11.82		-14.24		
	+30	-14.21		-12.56		-14.17		
	+40	-19.57		-14.85		-13.98		
	+50	-15.72		-14.82		-16.05		
4.48	+25	-16.21		-15.63		-14.63		
3.6	+25	-17.11		-16.72		-15.69		

GPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	-21.73	±2060.5	-19.11	±2091.5	-20.53	±2122	Pass
	-20	-25.15		-23.7		-20.53		
	-10	-25.25		-20.11		-19.98		
	0	-21.05		-22.83		-25.7		
	+10	-22.57		-21.24		-16.98		
	+20	-18.89		-19.31		-17.11		
	+25	-23.21		-23.05		-21.73		
	+30	-21.89		-22.41		-21.7		
	+40	-21.79		-20.6		-17.18		
	+50	-23.18		-21.73		-21.99		
4.48	+25	-22.92		-19.82		-18.11		
3.6	+25	-21.02		-19.79		-21.57		

GPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	-19.98	±4625.5	-16.47	±4700.0	-13.08	±4774.5	Pass
	-20	-11.43		-17.18		-16.37		
	-10	-10.01		-13.88		-17.72		
	0	-14.98		-19.47		-16.95		
	+10	-18.11		-19.95		-21.95		
	+20	-17.56		-21.28		-24.99		
	+25	-17.69		-19.89		-25.09		
	+30	-17.21		-16.11		-20.92		
	+40	-16.01		-14.85		-22.18		
	+50	-22.66		-11.53		-17.53		
4.48	+25	-20.18		-22.79		-18.21		
3.6	+25	-25.22		-16.89		-22.99		

EGPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	-8.14	±2060.5	7.81	±2091.5	-9.56	±2122	Pass
	-20	-9.62		-9.1		-6.97		
	-10	-9.46		-8.43		-10.78		
	0	-9.78		-7.3		-7.75		
	+10	-9.36		-9.23		-15.56		
	+20	-10.3		-8.56		-10.78		
	+25	-9.36		-5.88		-5.52		
	+30	-9.1		-11.49		-10.78		
	+40	-9.14		-6.84		-9.27		
	+50	-7.72		-6.52		-4.91		
4.48	+25	-10.27		-5		-7.97		
3.6	+25	-9.65		-7.2		-6.52		

EGPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	-11.17	±4625.5	-11.75	±4700.0	-15.17	±4774.5	Pass
	-20	-11.14		-18.18		-18.53		
	-10	-14.56		-17.43		-13.79		
	0	-15.01		-14.82		-19.47		
	+10	-16.18		-15.4		-11.3		
	+20	-14.46		-12.69		-13.33		
	+25	-18.79		-16.43		-15.69		
	+30	-17.05		-13.59		-14.98		
	+40	-13.53		-16.18		-14.24		
	+50	-12.95		-13.2		-12.01		
4.48	+25	-15.08		-17.76		-17.82		
3.6	+25	-8.78		-16.24		-16.79		

WCDMA Band 2

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1852.4 MHz		MCH 1880 MHz		HCH 1907.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	11.87	±4631	4.31	±4700	1.53	±4769	Pass
	-20	10.2		3.35		0.79		
	-10	10.17		5.18		3.42		
	0	3.86		-0.24		-2.62		
	+10	4.7		-1.97		-2.93		
	+20	1.47		-1.32		-4.59		
	+25	0.54		-2.67		-5.23		
	+30	5.11		-3.03		-4.06		
	+40	2.71		-2.8		-3.82		
	+50	0.72		-2.96		-2.85		
4.48	+25	2.25		-1.91		-4.76		
3.6	+25	5.42		-2.43		-3.86		

WCDMA Band 4

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1712.4 MHz		MCH 1732.4 MHz		HCH 1752.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	4.63	±4281	-2.34	±4331	-5.84	±4381.5	Pass
	-20	3.96		-5.79		-6.94		
	-10	1.97		-5.75		-6.92		
	0	2.49		-5.56		-6.4		
	+10	-0.49		-6.95		-7.12		
	+20	0.57		-6.18		-7.7		
	+25	-1		-7.07		-8.53		
	+30	-0.87		-6.47		-7.29		
	+40	-0.28		-6.22		-9.36		
	+50	1.54		-6.32		-8.59		
4.48	+25	0.82		-6.72		-7.66		
3.6	+25	0.04		-6.41		-8.24		

WCDMA Band B5

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 826.4 MHz		MCH 836.4 MHz		HCH 846.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.89	-30	2.88	±2066	1.62	±2091	0.19	±2116.5	Pass
	-20	1.47		0.59		-0.34		
	-10	-1.04		-0.87		-2.58		
	0	-1.57		-1.14		-2.2		
	+10	-0.54		-1.88		-2.29		
	+20	0.47		-1.29		-2.78		
	+25	-0.34		-1.24		-2.26		
	+30	-0.79		-1.62		-2.42		
	+40	-2.4		-1.69		-2.6		
	+50	-2.52		-1.29		-3.09		
4.48	+25	-0.69		-1.57		-2.78		
3.6	+25	-0.74		-1.49		-2.78		

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	0.4	±4700	Pass
	-20	3.3		
	-10	8.8		
	0	7.8		
	+10	5.65		
	+20	4.31		
	+25	4.02		
	+30	2.75		
	+40	2.49		
	+50	4.28		
4.48	+25	3.18		
3.6	+25	2.15		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	4.56	±4700	Pass
	-20	5.35		
	-10	2.47		
	0	4.63		
	+10	6.18		
	+20	4.48		
	+25	3.03		
	+30	8.15		
	+40	1.97		
	+50	5.88		
4.48	+25	-1.59		
3.6	+25	0.89		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-5.16	±4331.25	Pass
	-20	-3.81		
	-10	-3.29		
	0	-4.02		
	+10	-0.6		
	+20	-3.5		
	+25	-4.32		
	+30	-3.96		
	+40	-2.8		
	+50	-4.19		
4.48	+25	-5.06		
3.6	+25	-2.85		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-4.99	±4331.25	Pass
	-20	-3.93		
	-10	-3.91		
	0	-2.69		
	+10	-2.22		
	+20	-1.8		
	+25	-1.52		
	+30	-1.69		
	+40	-0.94		
	+50	-0.93		
4.48	+25	-3.92		
3.6	+25	-3.38		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	0.77	±2091.25	Pass
	-20	-0.62		
	-10	1.44		
	0	1.06		
	+10	1.4		
	+20	1.33		
	+25	1.95		
	+30	0.87		
	+40	-1.63		
	+50	1.3		
4.48	+25	0.37		
3.6	+25	1		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	2	±2091.25	Pass
	-20	0.17		
	-10	1.12		
	0	0.4		
	+10	0.59		
	+20	-0.59		
	+25	-2.42		
	+30	-2.37		
	+40	-0.76		
	+50	3.35		
4.48	+25	-0.92		
3.6	+25	-0.2		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-10.26	±6337.5	Pass
	-20	-6.27		
	-10	-7.38		
	0	-8.33		
	+10	-7.41		
	+20	-8.37		
	+25	-2.12		
	+30	-6.35		
	+40	-5.08		
	+50	-8.43		
4.48	+25	-2.25		
3.6	+25	-5.16		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-7.81	±6337.5	Pass
	-20	-2.88		
	-10	-3.56		
	0	-4.46		
	+10	-4.72		
	+20	-7.05		
	+25	-7.41		
	+30	-4.52		
	+40	-3.25		
	+50	-2.83		
4.48	+25	-1.66		
3.6	+25	-3.49		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	0.06	±1768.75	Pass
	-20	1.29		
	-10	-1.37		
	0	-1.42		
	+10	-1.79		
	+20	1.22		
	+25	-2.13		
	+30	-2.42		
	+40	-0.8		
	+50	-1.14		
4.48	+25	-1.82		
3.6	+25	0.3		

LTE Band 12 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-3.13	±1768.75	Pass
	-20	-0.99		
	-10	-0.3		
	0	0.23		
	+10	0.31		
	+20	-2.76		
	+25	-2.26		
	+30	-0.46		
	+40	-1.42		
	+50	0.49		
4.48	+25	-3.69		
3.6	+25	-2.03		

LTE Band 13 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	0.04	±1955	Pass
	-20	-0.23		
	-10	-1.24		
	0	-1.66		
	+10	-3.1		
	+20	-1.86		
	+25	-2.37		
	+30	-1.36		
	+40	-0.53		
	+50	-0.09		
4.48	+25	-2.5		
3.6	+25	-1.22		

LTE Band 13 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-2.65	±1955	Pass
	-20	-5.49		
	-10	-1.93		
	0	0.73		
	+10	-1.46		
	+20	1.06		
	+25	-2.69		
	+30	-0.63		
	+40	-1.47		
	+50	-4.12		
4.48	+25	-2.98		
3.6	+25	-2.42		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-0.72	±1775	Pass
	-20	-2		
	-10	-1.83		
	0	-3.25		
	+10	-3.13		
	+20	-3.2		
	+25	-2.7		
	+30	-3.95		
	+40	-3.05		
	+50	-3.18		
4.48	+25	-1.03		
3.6	+25	-0.2		

LTE Band 17 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-2.69	±1775	Pass
	-20	-2.5		
	-10	-0.92		
	0	-4.41		
	+10	-0.73		
	+20	0.1		
	+25	-0.3		
	+30	-1.37		
	+40	-1.23		
	+50	-1.04		
4.48	+25	-3.09		
3.6	+25	-2.7		

LTE Band 26 (Part22) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-0.92	±2091.25	Pass
	-20	-3.08		
	-10	-0.49		
	0	-1.5		
	+10	-2.17		
	+20	-2.92		
	+25	-2.36		
	+30	-2.05		
	+40	-1.29		
	+50	-1.72		
4.48	+25	-0.39		
3.6	+25	-0.59		

LTE Band 26 (Part22) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-4.58	±2091.25	Pass
	-20	-2.65		
	-10	-0.49		
	0	-0.99		
	+10	-2.42		
	+20	-4.79		
	+25	-2.46		
	+30	-4.84		
	+40	-2.9		
	+50	-0.8		
4.48	+25	-2.33		
3.6	+25	-0.73		

LTE Band 26 (Part90) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-3.89	±2047.5	Pass
	-20	-2.93		
	-10	-3.42		
	0	-2.85		
	+10	-0.46		
	+20	0.26		
	+25	-0.76		
	+30	-3.13		
	+40	0.16		
	+50	0.94		
4.48	+25	-0.17		
3.6	+25	-0.56		

LTE Band 26 (Part90) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-0.9	±2047.5	Pass
	-20	-0.16		
	-10	-2.68		
	0	-0.09		
	+10	-2.7		
	+20	-0.41		
	+25	1.26		
	+30	-0.3		
	+40	-2.07		
	+50	-0.27		
4.48	+25	0.92		
3.6	+25	-0.09		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-0.53	±6487.5	Pass
	-20	-1.57		
	-10	-2.7		
	0	-2.09		
	+10	-1.33		
	+20	-0.62		
	+25	-1.46		
	+30	1.82		
	+40	0.93		
	+50	-0.74		
4.48	+25	-1.24		
3.6	+25	1.79		

LTE Band 38 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-2.47	±6487.5	Pass
	-20	-0.54		
	-10	4.59		
	0	3.96		
	+10	-1.53		
	+20	-1.97		
	+25	0.54		
	+30	-0.04		
	+40	-0.13		
	+50	3.93		
4.48	+25	2.32		
3.6	+25	3.33		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-13.69	±6482.5	Pass
	-20	-8.57		
	-10	-8.3		
	0	-8.61		
	+10	-9.44		
	+20	-8.07		
	+25	-8.7		
	+30	-8.37		
	+40	-7.82		
	+50	-7.78		
4.48	+25	-10.16		
3.6	+25	-10.14		

LTE Band 41 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-7.61	±6482.5	Pass
	-20	-3.88		
	-10	-4.33		
	0	-2.19		
	+10	-3.43		
	+20	-5.54		
	+25	-2.8		
	+30	-4.38		
	+40	-5.45		
	+50	-7.52		
4.48	+25	-6.44		
3.6	+25	-1.83		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-5.56	±4362.5	Pass
	-20	-5.18		
	-10	-2.05		
	0	-2.99		
	+10	-1.47		
	+20	-2.05		
	+25	-3.08		
	+30	-1.26		
	+40	-0.73		
	+50	-2.72		
4.48	+25	-1.87		
3.6	+25	-2.46		

LTE Band 66 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.89	-30	-1.67	±4362.5	Pass
	-20	-1.12		
	-10	0.73		
	0	-1.96		
	+10	-0.2		
	+20	-1.2		
	+25	-1.85		
	+30	-4.38		
	+40	-2.59		
	+50	-1.56		
4.48	+25	-0.09		
3.6	+25	-0.99		

CA_7C QPSK 20MHz+10MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2530.1 MHz		SCC MCH 2544.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	2.46	±6,325.25	3.05	±6,361.25	Pass
	-20	1.17		-5.52		
	-10	-1.75		-6.18		
	0	-2.23		-2.6		
	+10	2.35		8.17		
	+20	2.76		-1.95		
	+25	5.49		5.06		
	+30	3.06		-3.73		
	+40	-1.2		7.32		
	+50	-2.1		4.42		
4.48	+25	-2.95		-1.39		
3.6	+25	1.72		-4.25		

CA_7C 16QAM 20MHz+10MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2530.1 MHz		SCC MCH 2544.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	0.04	±6,325.25	13.23	±6,361.25	Pass
	-20	-7.97		13.13		
	-10	-6.05		15.05		
	0	-7.15		11.4		
	+10	-9.33		22.17		
	+20	-7.18		-0.72		
	+25	-15.05		-1.42		
	+30	-8.5		10.37		
	+40	-4.23		-1.43		
	+50	4.33		10.41		
4.48	+25	-0.39		0.09		
3.6	+25	-5.11		7.35		

CA_7C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2525.1 MHz		SCC MCH 2544.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	-1.86	±6,312.75	-8.51	±6,362.25	Pass
	-20	-3		0.76		
	-10	-2.25		-0.26		
	0	-12.16		-13.56		
	+10	-1.93		6.65		
	+20	3.79		0.41		
	+25	-3.06		4.03		
	+30	17.14		0.6		
	+40	-15.99		-0.99		
	+50	-1.1		-2.55		
4.48	+25	-0.6		-6.75		
3.6	+25	-11.4		-13.07		

CA_7C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2525.1 MHz		SCC MCH 2544.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	-3.71	±6,312.75	10.61	±6,362.25	Pass
	-20	-2.6		6.28		
	-10	-12.12		-14.16		
	0	-9.21		4.23		
	+10	-16.14		-7.1		
	+20	-9.43		-2.9		
	+25	-0.24		-1.77		
	+30	-8.21		-7.2		
	+40	3.85		-8.74		
	+50	-15.29		-2.75		
4.48	+25	-9.88		-13.39		
3.6	+25	-7.84		-3.49		

CA_38C QPSK 15MHz+15MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2587.5 MHz		SCC MCH 2602.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	-1.59	±6,468.75	0.42	±6,506.25	Pass
	-20	-2.72		-4.81		
	-10	-3.18		-2.95		
	0	-3.63		-3.3		
	+10	-4.11		-0.2		
	+20	-4.12		-6.47		
	+25	-4.19		1.59		
	+30	-2.78		-1.89		
	+40	-3.78		-0.07		
	+50	-3.88		-0.6		
4.48	+25	-2.5		-1.59		
3.6	+25	-2.98		-2.22		

CA_38C 16QAM 15MHz+15MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2587.5 MHz		SCC MCH 2602.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	-5.46	±6,468.75	-0.56	±6,506.25	Pass
	-20	-3.09		-5.49		
	-10	-0.14		-2.7		
	0	-2.49		-5.09		
	+10	-2.19		-2.22		
	+20	-4.73		-4.69		
	+25	-5.64		-2.39		
	+30	-1.09		-3.52		
	+40	-2.62		-2.27		
	+50	-5.71		-4.53		
4.48	+25	-5.39		-6.85		
3.6	+25	-6.32		-5.52		

CA_38C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2585.1 MHz		SCC MCH 2604.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	4.69	±6,462.75	-1.04	±6,512.25	Pass
	-20	1.06		-2		
	-10	2.96		-0.67		
	0	1.66		-0.6		
	+10	2.12		-0.46		
	+20	2.07		0.99		
	+25	5.56		-2.62		
	+30	1.8		-0.44		
	+40	2.37		0.1		
	+50	3.05		1.76		
4.48	+25	1.44		0.24		
3.6	+25	3.33		4.66		

CA_38C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2585.1 MHz		SCC MCH 2604.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	1.49	±6,462.75	-1.59	±6,512.25	Pass
	-20	2.69		-2.02		
	-10	2.8		1.57		
	0	-1		-0.16		
	+10	3.42		0.37		
	+20	0.74		0.06		
	+25	0.23		-2.55		
	+30	2.03		-1.52		
	+40	0.1		-1.8		
	+50	5.51		-2.63		
4.48	+25	-1.54		-0.63		
3.6	+25	2.8		-0.54		

CA_41C QPSK 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2590.5 MHz		SCC MCH 2602.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	1.27	±6,476.25	-4.29	±6,505.5	Pass
	-20	3.62		3.36		
	-10	1.59		0.96		
	0	3.1		9.01		
	+10	2.68		1.82		
	+20	4.25		-2.85		
	+25	3.81		2.99		
	+30	2.88		7.11		
	+40	2.79		3.3		
	+50	3.76		5.31		
4.48	+25	3.1		4.79		
3.6	+25	4.11		3.76		

CA_41C 16QAM 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2590.5 MHz		SCC MCH 2602.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	5.75	±6,476.25	-2.05	±6,505.5	Pass
	-20	8.83		0.74		
	-10	6.25		-5.28		
	0	6.17		-2.93		
	+10	4.08		-0.4		
	+20	5.42		-3.43		
	+25	6.55		-4.59		
	+30	4.65		1.17		
	+40	6.69		-1.69		
	+50	6.95		0.09		
4.48	+25	7.9		-1.86		
3.6	+25	5.19		-1.46		

CA_41C QPSK 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2583.1 MHz		SCC MCH 2602.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	-0.33	±6,457.75	-2.78	±6,507.25	Pass
	-20	-1.63		-2.13		
	-10	1.95		-2.9		
	0	0.33		3.32		
	+10	-0.79		0.03		
	+20	0.06		0.47		
	+25	0.43		0.27		
	+30	-3.66		0.59		
	+40	-2.32		3.16		
	+50	-3.19		1.87		
4.48	+25	-1.24		-0.01		
3.6	+25	0.27		-3.68		

CA_41C 16QAM 20MHz+20MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2583.1 MHz		SCC MCH 2602.9 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.89	-30	-3.25	±6,457.75	-2.99	±6,507.25	Pass
	-20	-1.24		-3.6		
	-10	-1.17		-2.8		
	0	-1.32		-4.48		
	+10	-2.99		-4.33		
	+20	-2.33		-4.02		
	+25	1.83		-6.59		
	+30	-2.5		-5.14		
	+40	-1.85		-3.32		
	+50	-2.22		-2.52		
4.48	+25	0.31		-2.69		
3.6	+25	-3.19		-2.02		

NR Band n5 PI/2 BPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-5.4	±2091.2.5	Pass
	-20	-4.8		
	-10	-7.2		
	0	-6.4		
	+10	-7		
	+20	-5.9		
	+25	-6.1		
	+30	-7.4		
	+40	-5.6		
	+50	-6.5		
4.48	+25	-7.8		
3.6	+25	-6		

NR Band n5 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-5.8	±2091.2.5	Pass
	-20	-7.5		
	-10	-6.5		
	0	-8.5		
	+10	-7.3		
	+20	-7.8		
	+25	-8		
	+30	-6		
	+40	-4.7		
	+50	-5.2		
4.48	+25	-7.7		
3.6	+25	-6.8		

NR Band n7 PI/2 BPSK 40 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-6.9	±6337.5	Pass
	-20	-2.4		
	-10	-7.6		
	0	-4.1		
	+10	-6.2		
	+20	-8		
	+25	-7.3		
	+30	-5.9		
	+40	-2.7		
	+50	-3.1		
4.48	+25	-4.7		
3.6	+25	-3.5		

NR Band n7 QPSK 40 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-5.6	±6337.5	Pass
	-20	-7.7		
	-10	-4.4		
	0	-7.5		
	+10	-3.2		
	+20	-6.6		
	+25	-6.9		
	+30	-8.2		
	+40	-5		
	+50	-3.9		
4.48	+25	-5.2		
3.6	+25	-2.9		

NR Band n38 PI/2 BPSK 40 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-1.9	±6487.5	Pass
	-20	-2.4		
	-10	-3.5		
	0	-5.4		
	+10	-6.9		
	+20	-3.7		
	+25	-4.3		
	+30	-2.5		
	+40	-4.7		
	+50	-5.1		
4.48	+25	-2.8		
3.6	+25	-1.3		

NR Band n38 QPSK 40 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-4.7	±6487.5	Pass
	-20	-5.9		
	-10	-6.6		
	0	-5		
	+10	-1		
	+20	-3.8		
	+25	-2.1		
	+30	-2.9		
	+40	-2.6		
	+50	-4.5		
4.48	+25	-6.9		
3.6	+25	-4.8		

NR Band n41 PI/2 BPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.99 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-6.4	±6482.475	Pass
	-20	-5		
	-10	-1.9		
	0	-4.5		
	+10	-3.9		
	+20	-2.4		
	+25	-7.6		
	+30	-2.8		
	+40	-2.2		
	+50	-4.3		
4.48	+25	-1.8		
3.6	+25	-2.3		

NR Band n41 QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.99 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-7	±6482.475	Pass
	-20	-4.5		
	-10	-7.1		
	0	-4.8		
	+10	-3.6		
	+20	-6.1		
	+25	-4.6		
	+30	-2.6		
	+40	-3.2		
	+50	-2		
4.48	+25	-2.7		
3.6	+25	-1.6		

NR Band n66 PI/2 BPSK 40 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-1.1	±4362.5	Pass
	-20	-2.6		
	-10	-1.6		
	0	-2.2		
	+10	-3.2		
	+20	-3.5		
	+25	-2.8		
	+30	-3.6		
	+40	-4.1		
	+50	-1.7		
4.48	+25	-3.4		
3.6	+25	-4.3		

NR Band n66 QPSK 40 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value (Hz)	Limits (Hz)	
3.89	-30	-4.1	±4362.5	Pass
	-20	-6.4		
	-10	-1.8		
	0	-4.4		
	+10	-2.2		
	+20	-3.2		
	+25	-1.5		
	+30	-2.7		
	+40	-4		
	+50	-2.5		
4.48	+25	-3		
3.6	+25	-3.5		

A.5 Spurious Emission at Antenna Terminals

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

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

Note 3: Test plots please refer to the document “Annex No.:BL-SZ2330970-501 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 13	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	MCH	QPSK	RB1#0	13.7	Pass
			16-QAM	RB1#0	13.8	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	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
	10 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

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	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	LCH	QPSK	RB1#0	15.19	Pass
			16-QAM	RB1#0	15.20	Pass
		MCH	QPSK	RB1#0	15.21	Pass
			16-QAM	RB1#0	15.22	Pass
		HCH	QPSK	RB1#0	15.23	Pass
			16-QAM	RB1#0	15.24	Pass
	15 MHz	LCH	QPSK	RB1#0	15.25	Pass
			16-QAM	RB1#0	15.26	Pass
		MCH	QPSK	RB1#0	15.27	Pass
			16-QAM	RB1#0	15.28	Pass
		HCH	QPSK	RB1#0	15.29	Pass
			16-QAM	RB1#0	15.30	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	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
	3 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
	5 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
	10 MHz	MCH	QPSK	RB1#0	16.19	Pass
			16-QAM	RB1#0	16.20	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	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 41	5 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
	10 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
	15 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
	20 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

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	19.1	Pass
			16-QAM	RB1#0	19.2	Pass
		MCH	QPSK	RB1#0	19.3	Pass
			16-QAM	RB1#0	19.4	Pass
		HCH	QPSK	RB1#0	19.5	Pass
			16-QAM	RB1#0	19.6	Pass
	3 MHz	LCH	QPSK	RB1#0	19.7	Pass
			16-QAM	RB1#0	19.8	Pass
		MCH	QPSK	RB1#0	19.9	Pass
			16-QAM	RB1#0	19.10	Pass
		HCH	QPSK	RB1#0	19.11	Pass
			16-QAM	RB1#0	19.12	Pass
	5 MHz	LCH	QPSK	RB1#0	19.13	Pass
			16-QAM	RB1#0	19.14	Pass
		MCH	QPSK	RB1#0	19.15	Pass
			16-QAM	RB1#0	19.16	Pass
		HCH	QPSK	RB1#0	19.17	Pass
			16-QAM	RB1#0	19.18	Pass
	10 MHz	LCH	QPSK	RB1#0	19.19	Pass
			16-QAM	RB1#0	19.20	Pass
		MCH	QPSK	RB1#0	19.21	Pass
			16-QAM	RB1#0	19.22	Pass
		HCH	QPSK	RB1#0	19.23	Pass
			16-QAM	RB1#0	19.24	Pass
	15 MHz	LCH	QPSK	RB1#0	19.25	Pass
			16-QAM	RB1#0	19.26	Pass
		MCH	QPSK	RB1#0	19.27	Pass
			16-QAM	RB1#0	19.28	Pass
		HCH	QPSK	RB1#0	19.29	Pass
			16-QAM	RB1#0	19.30	Pass
	20 MHz	LCH	QPSK	RB1#0	19.31	Pass
			16-QAM	RB1#0	19.32	Pass
		MCH	QPSK	RB1#0	19.33	Pass
			16-QAM	RB1#0	19.34	Pass
		HCH	QPSK	RB1#0	19.35	Pass
			16-QAM	RB1#0	19.36	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	1	49	20.1	Pass
		100	0	50	0	20.2	Pass
	16QAM	1	0	1	49	20.3	Pass
		100	0	50	0	20.4	Pass
Mid	QPSK	1	0	1	49	20.5	Pass
		100	0	50	0	20.6	Pass
	16QAM	1	0	1	49	20.7	Pass
		100	0	50	0	20.8	Pass
High	QPSK	1	0	1	49	20.9	Pass
		100	0	50	0	20.10	Pass
	16QAM	1	0	1	49	20.11	Pass
		100	0	50	0	20.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	20.13	Pass
		100	0	100	0	20.14	Pass
	16QAM	1	0	1	99	20.15	Pass
		100	0	100	0	20.16	Pass
Mid	QPSK	1	0	1	99	20.17	Pass
		100	0	100	0	20.18	Pass
	16QAM	1	0	1	99	20.19	Pass
		100	0	100	0	20.20	Pass
High	QPSK	1	0	1	99	20.21	Pass
		100	0	100	0	20.22	Pass
	16QAM	1	0	1	99	20.23	Pass
		100	0	100	0	20.24	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	1	74	21.1	Pass
		75	0	75	0	21.2	Pass
	16QAM	1	0	1	74	21.3	Pass
		75	0	75	0	21.4	Pass
Mid	QPSK	1	0	1	74	21.5	Pass
		75	0	75	0	21.6	Pass
	16QAM	1	0	1	74	21.7	Pass
		75	0	75	0	21.8	Pass
High	QPSK	1	0	1	74	21.9	Pass
		75	0	75	0	21.10	Pass
	16QAM	1	0	1	74	21.11	Pass
		75	0	75	0	21.12	Pass
20MHz+20MHz							
Low	QPSK	1	99	1	0	21.13	Pass
		100	0	100	0	21.14	Pass
	16QAM	1	99	1	0	21.15	Pass
		100	0	100	0	21.16	Pass
Mid	QPSK	1	99	1	0	21.17	Pass
		100	0	100	0	21.18	Pass
	16QAM	1	99	1	0	21.19	Pass
		100	0	100	0	21.20	Pass
High	QPSK	1	99	1	0	21.21	Pass
		100	0	100	0	21.22	Pass
	16QAM	1	99	1	0	21.23	Pass
		100	0	100	0	21.24	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	1	24	22.1	Pass
		100	0	25	0	22.2	Pass
	16QAM	1	0	1	24	22.3	Pass
		100	0	25	0	22.4	Pass
Mid	QPSK	1	0	1	24	22.5	Pass
		100	0	25	0	22.6	Pass
	16QAM	1	0	1	24	22.7	Pass
		100	0	25	0	22.8	Pass
High	QPSK	1	0	1	24	22.9	Pass
		100	0	25	0	22.10	Pass
	16QAM	1	0	1	24	22.11	Pass
		100	0	25	0	22.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	22.13	Pass
		100	0	100	0	22.14	Pass
	16QAM	1	0	1	99	22.15	Pass
		100	0	100	0	22.16	Pass
Mid	QPSK	1	0	1	99	22.17	Pass
		100	0	100	0	22.18	Pass
	16QAM	1	0	1	99	22.19	Pass
		100	0	100	0	22.20	Pass
High	QPSK	1	0	1	99	22.21	Pass
		100	0	100	0	22.22	Pass
	16QAM	1	0	1	99	22.23	Pass
		100	0	100	0	22.24	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	PI/2 BPSK	12	6	23.1	Pass
			QPSK	12	6	23.2	Pass
		MCH	PI/2 BPSK	12	6	23.3	Pass
			QPSK	12	6	23.4	Pass
		HCH	PI/2 BPSK	12	6	23.5	Pass
			QPSK	12	6	23.6	Pass
	15	LCH	PI/2 BPSK	36	18	23.7	Pass
			QPSK	36	18	23.8	Pass
		MCH	PI/2 BPSK	36	18	23.9	Pass
			QPSK	36	18	23.10	Pass
		HCH	PI/2 BPSK	36	18	23.11	Pass
			QPSK	36	18	23.12	Pass
	20	LCH	PI/2 BPSK	50	25	23.13	Pass
			QPSK	50	25	23.14	Pass
		MCH	PI/2 BPSK	50	25	23.15	Pass
			QPSK	50	25	23.16	Pass
		HCH	PI/2 BPSK	50	25	23.17	Pass
			QPSK	50	25	23.18	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	PI/2 BPSK	12	6	24.1	Pass
			QPSK	12	6	24.2	Pass
		MCH	PI/2 BPSK	12	6	24.3	Pass
			QPSK	12	6	24.4	Pass
		HCH	PI/2 BPSK	12	6	24.5	Pass
			QPSK	12	6	24.6	Pass
	25	LCH	PI/2 BPSK	64	32	24.7	Pass
			QPSK	64	32	24.8	Pass
		MCH	PI/2 BPSK	64	32	24.9	Pass
			QPSK	64	32	24.10	Pass
		HCH	PI/2 BPSK	64	32	24.11	Pass
			QPSK	64	32	24.12	Pass
	40	LCH	PI/2 BPSK	108	54	24.13	Pass
			QPSK	108	54	24.14	Pass
		MCH	PI/2 BPSK	108	54	24.15	Pass
			QPSK	108	54	24.16	Pass
		HCH	PI/2 BPSK	108	54	24.17	Pass
			QPSK	108	54	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
n38	10	LCH	PI/2 BPSK	12	6	25.1	Pass
			QPSK	12	6	25.2	Pass
		MCH	PI/2 BPSK	12	6	25.3	Pass
			QPSK	12	6	25.4	Pass
		HCH	PI/2 BPSK	12	6	25.5	Pass
			QPSK	12	6	25.6	Pass
	20	LCH	PI/2 BPSK	25	12	25.7	Pass
			QPSK	25	12	25.8	Pass
		MCH	PI/2 BPSK	25	12	25.9	Pass
			QPSK	25	12	25.10	Pass
		HCH	PI/2 BPSK	25	12	25.11	Pass
			QPSK	25	12	25.12	Pass
	40	LCH	PI/2 BPSK	50	25	25.13	Pass
			QPSK	50	25	25.14	Pass
		MCH	PI/2 BPSK	50	25	25.15	Pass
			QPSK	50	25	25.16	Pass
		HCH	PI/2 BPSK	50	25	25.17	Pass
			QPSK	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
n41	20	LCH	PI/2 BPSK	25	12	26.1	Pass
			QPSK	25	12	26.2	Pass
		MCH	PI/2 BPSK	25	12	26.3	Pass
			QPSK	25	12	26.4	Pass
		HCH	PI/2 BPSK	25	12	26.5	Pass
			QPSK	25	12	26.6	Pass
	60	LCH	PI/2 BPSK	81	40	26.7	Pass
			QPSK	81	40	26.8	Pass
		MCH	PI/2 BPSK	81	40	26.9	Pass
			QPSK	81	40	26.10	Pass
		HCH	PI/2 BPSK	81	40	26.11	Pass
			QPSK	81	40	26.12	Pass
	100	LCH	PI/2 BPSK	135	67	26.13	Pass
			QPSK	135	67	26.14	Pass
		MCH	PI/2 BPSK	135	67	26.15	Pass
			QPSK	135	67	26.16	Pass
		HCH	PI/2 BPSK	135	67	26.17	Pass
			QPSK	135	67	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
n66	5	LCH	PI/2 BPSK	12	6	27.1	Pass
			QPSK	12	6	27.2	Pass
		MCH	PI/2 BPSK	12	6	27.3	Pass
			QPSK	12	6	27.4	Pass
		HCH	PI/2 BPSK	12	6	27.5	Pass
			QPSK	12	6	27.6	Pass
	20	LCH	PI/2 BPSK	50	25	27.7	Pass
			QPSK	50	25	27.8	Pass
		MCH	PI/2 BPSK	50	25	27.9	Pass
			QPSK	50	25	27.10	Pass
		HCH	PI/2 BPSK	50	25	27.11	Pass
			QPSK	50	25	27.12	Pass
	40	LCH	PI/2 BPSK	108	54	27.13	Pass
			QPSK	108	54	27.14	Pass
		MCH	PI/2 BPSK	108	54	27.15	Pass
			QPSK	108	54	27.16	Pass
		HCH	PI/2 BPSK	108	54	27.17	Pass
			QPSK	108	54	27.18	Pass

A.6 Band Edge

Note 1: Test plots please refer to the document “Annex No.:BL-SZ2330970-501 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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
				RB75#0	8.40	Pass
	20 MHz	LCH	QPSK	RB1#0	8.41	Pass
				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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
	20 MHz	LCH	QPSK	RB1#0	9.41	Pass
				RB100#0	9.42	Pass
			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
Band13	5 MHz	LCH	QPSK	RB1#0	13.1	Pass
				RB6#0	13.2	Pass
			16-QAM	RB1#0	13.3	Pass
				RB5#0	13.4	Pass
		HCH	QPSK	RB1#5	13.5	Pass
				RB6#0	13.6	Pass
			16-QAM	RB1#5	13.7	Pass
				RB5#1	13.8	Pass
	10 MHz	LCH	QPSK	RB1#0	13.9	Pass
				RB6#0	13.10	Pass
			16-QAM	RB1#0	13.11	Pass
				RB5#0	13.12	Pass
		HCH	QPSK	RB1#5	13.13	Pass
				RB6#0	13.14	Pass
			16-QAM	RB1#5	13.15	Pass
				RB5#1	13.16	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	14.1	Pass
				RB25#0	14.2	Pass
			16-QAM	RB1#0	14.3	Pass
				RB25#0	14.4	Pass
		HCH	QPSK	RB1#24	14.5	Pass
				RB25#0	14.6	Pass
			16-QAM	RB1#24	14.7	Pass
				RB25#0	14.8	Pass
	10 MHz	LCH	QPSK	RB1#0	14.9	Pass
				RB50#0	14.10	Pass
			16-QAM	RB1#0	14.11	Pass
				RB50#0	14.12	Pass
		HCH	QPSK	RB1#49	14.13	Pass
				RB50#0	14.14	Pass
			16-QAM	RB1#49	14.15	Pass
				RB50#0	14.16	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	15.1	Pass
				RB6#0	15.2	Pass
			16-QAM	RB1#0	15.3	Pass
				RB6#0	15.4	Pass
		HCH	QPSK	RB1#5	15.5	Pass
				RB6#0	15.6	Pass
			16-QAM	RB1#5	15.7	Pass
				RB6#0	15.8	Pass
	3 MHz	LCH	QPSK	RB1#0	15.9	Pass
				RB15#0	15.10	Pass
			16-QAM	RB1#0	15.11	Pass
				RB15#0	15.12	Pass
		HCH	QPSK	RB1#14	15.13	Pass
				RB15#0	15.14	Pass
			16-QAM	RB1#14	15.15	Pass
				RB15#0	15.16	Pass
	5 MHz	LCH	QPSK	RB1#0	15.17	Pass
				RB25#0	15.18	Pass
			16-QAM	RB1#0	15.19	Pass
				RB25#0	15.20	Pass
		HCH	QPSK	RB1#24	15.21	Pass
				RB25#0	15.22	Pass
			16-QAM	RB1#24	15.23	Pass
				RB25#0	15.24	Pass
	10 MHz	LCH	QPSK	RB1#0	15.25	Pass
				RB50#0	15.26	Pass
			16-QAM	RB1#0	15.27	Pass
				RB50#0	15.28	Pass
		HCH	QPSK	RB1#49	15.29	Pass
				RB50#0	15.30	Pass
			16-QAM	RB1#49	15.31	Pass
				RB50#0	15.32	Pass
	15 MHz	LCH	QPSK	RB1#0	15.33	Pass
				RB75#0	15.34	Pass
			16-QAM	RB1#0	15.35	Pass
				RB75#0	15.36	Pass
		HCH	QPSK	RB1#74	15.37	Pass
				RB75#0	15.38	Pass
			16-QAM	RB1#74	15.39	Pass
				RB75#0	15.40	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	16.1	17.1	Pass
				RB6#0	16.2	17.2	Pass
			16-QAM	RB1#0	16.3	17.3	Pass
				RB6#0	16.4	17.4	Pass
		HCH	QPSK	RB1#5	16.5	17.5	Pass
				RB6#0	16.6	17.6	Pass
			16-QAM	RB1#5	16.7	17.7	Pass
				RB6#0	16.8	17.8	Pass
	3 MHz	LCH	QPSK	RB1#0	16.9	17.9	Pass
				RB15#0	16.10	17.10	Pass
			16-QAM	RB1#0	16.11	17.11	Pass
				RB15#0	16.12	17.12	Pass
		HCH	QPSK	RB1#14	16.13	17.13	Pass
				RB15#0	16.14	17.14	Pass
			16-QAM	RB1#14	16.15	17.15	Pass
				RB15#0	16.16	17.16	Pass
	5 MHz	LCH	QPSK	RB1#0	16.17	17.17	Pass
				RB25#0	16.18	17.18	Pass
			16-QAM	RB1#0	16.19	17.19	Pass
				RB25#0	16.20	17.20	Pass
		HCH	QPSK	RB1#24	16.21	17.21	Pass
				RB25#0	16.22	17.22	Pass
			16-QAM	RB1#24	16.23	17.23	Pass
				RB25#0	16.24	17.24	Pass
	10 MHz	MCH	QPSK	RB1#0	16.25	17.25	Pass
				RB50#0	16.26	17.26	Pass
			16-QAM	RB1#0	16.27	17.27	Pass
				RB50#0	16.28	17.28	Pass
		MCH	QPSK	RB1#49	16.29	17.29	Pass
				RB50#0	16.30	17.30	Pass
			16-QAM	RB1#49	16.31	17.31	Pass
				RB50#0	16.32	17.32	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	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 41	5 MHz	LCH	QPSK	RB1#0	19.1	Pass
				RB25#0	19.2	Pass
			16-QAM	RB1#0	19.3	Pass
				RB25#0	19.4	Pass
		HCH	QPSK	RB1#24	19.5	Pass
				RB25#0	19.6	Pass
			16-QAM	RB1#24	19.7	Pass
				RB25#0	19.8	Pass
	10 MHz	LCH	QPSK	RB1#0	19.9	Pass
				RB50#0	19.10	Pass
			16-QAM	RB1#0	19.11	Pass
				RB50#0	19.12	Pass
		HCH	QPSK	RB1#49	19.13	Pass
				RB50#0	19.14	Pass
			16-QAM	RB1#49	19.15	Pass
				RB50#0	19.16	Pass
	15 MHz	LCH	QPSK	RB1#0	19.17	Pass
				RB75#0	19.18	Pass
			16-QAM	RB1#0	19.19	Pass
				RB75#0	19.20	Pass
		HCH	QPSK	RB1#74	19.21	Pass
				RB75#0	19.22	Pass
			16-QAM	RB1#74	19.23	Pass
				RB75#0	19.24	Pass
	20 MHz	LCH	QPSK	RB1#0	19.25	Pass
				RB100#0	19.26	Pass
			16-QAM	RB1#0	19.27	Pass
				RB100#0	19.28	Pass
		HCH	QPSK	RB1#99	19.29	Pass
				RB100#0	19.30	Pass
			16-QAM	RB1#99	19.31	Pass
				RB100#0	19.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 66	1.4 MHz	LCH	QPSK	RB1#0	20.1	Pass
				RB6#0	20.2	Pass
			16-QAM	RB1#0	20.3	Pass
				RB6#0	20.4	Pass
		HCH	QPSK	RB1#5	20.5	Pass
				RB6#0	20.6	Pass
			16-QAM	RB1#5	20.7	Pass
				RB6#0	20.8	Pass
	3 MHz	LCH	QPSK	RB1#0	20.9	Pass
				RB15#0	20.10	Pass
			16-QAM	RB1#0	20.11	Pass
				RB15#0	20.12	Pass
		HCH	QPSK	RB1#14	20.13	Pass
				RB15#0	20.14	Pass
			16-QAM	RB1#14	20.15	Pass
				RB15#0	20.16	Pass
	5 MHz	LCH	QPSK	RB1#0	20.17	Pass
				RB25#0	20.18	Pass
			16-QAM	RB1#0	20.19	Pass
				RB25#0	20.20	Pass
		HCH	QPSK	RB1#24	20.21	Pass
				RB25#0	20.22	Pass
			16-QAM	RB1#24	20.23	Pass
				RB25#0	20.24	Pass
	10 MHz	LCH	QPSK	RB1#0	20.25	Pass
				RB50#0	20.26	Pass
			16-QAM	RB1#0	20.27	Pass
				RB50#0	20.28	Pass
		HCH	QPSK	RB1#49	20.29	Pass
				RB50#0	20.30	Pass
			16-QAM	RB1#49	20.31	Pass
				RB50#0	20.32	Pass
	15 MHz	LCH	QPSK	RB1#0	20.33	Pass
				RB75#0	20.34	Pass
			16-QAM	RB1#0	20.35	Pass
				RB75#0	20.36	Pass
		HCH	QPSK	RB1#74	20.37	Pass
				RB75#0	20.38	Pass
			16-QAM	RB1#74	20.39	Pass
				RB75#0	20.40	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
	20 MHz	LCH	QPSK	RB1#0	20.41	Pass
				RB100#0	20.42	Pass
			16-QAM	RB1#0	20.43	Pass
				RB100#0	20.44	Pass
		HCH	QPSK	RB1#99	20.45	Pass
				RB100#0	20.46	Pass
			16-QAM	RB1#99	20.47	Pass
				RB100#0	20.48	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	1	49	21.1	Pass
		100	0	50	0	21.2	Pass
	16QAM	1	0	1	49	21.3	Pass
		100	0	50	0	21.4	Pass
Mid	QPSK	1	0	1	49	21.5	Pass
		100	0	50	0	21.6	Pass
	16QAM	1	0	1	49	21.7	Pass
		100	0	50	0	21.8	Pass
High	QPSK	1	0	1	49	21.9	Pass
		100	0	50	0	21.10	Pass
	16QAM	1	0	1	49	21.11	Pass
		100	0	50	0	21.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	21.13	Pass
		100	0	100	0	21.14	Pass
	16QAM	1	0	1	99	21.15	Pass
		100	0	100	0	21.16	Pass
Mid	QPSK	1	0	1	99	21.17	Pass
		100	0	100	0	21.18	Pass
	16QAM	1	0	1	99	21.19	Pass
		100	0	100	0	21.20	Pass
High	QPSK	1	0	1	99	21.21	Pass
		100	0	100	0	21.22	Pass
	16QAM	1	0	1	99	21.23	Pass
		100	0	100	0	21.24	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	1	74	22.1	Pass
		75	0	75	0	22.2	Pass
	16QAM	1	0	1	74	22.3	Pass
		75	0	75	0	22.4	Pass
Mid	QPSK	1	0	1	74	22.5	Pass
		75	0	75	0	22.6	Pass
	16QAM	1	0	1	74	22.7	Pass
		75	0	75	0	22.8	Pass
High	QPSK	1	0	1	74	22.9	Pass
		75	0	75	0	22.10	Pass
	16QAM	1	0	1	74	22.11	Pass
		75	0	75	0	22.12	Pass
20MHz+20MHz							
Low	QPSK	1	99	1	0	22.13	Pass
		100	0	100	0	22.14	Pass
	16QAM	1	99	1	0	22.15	Pass
		100	0	100	0	22.16	Pass
Mid	QPSK	1	99	1	0	22.17	Pass
		100	0	100	0	22.18	Pass
	16QAM	1	99	1	0	22.19	Pass
		100	0	100	0	22.20	Pass
High	QPSK	1	99	1	0	22.21	Pass
		100	0	100	0	22.22	Pass
	16QAM	1	99	1	0	22.23	Pass
		100	0	100	0	22.24	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	1	24	23.1	Pass
		100	0	25	0	23.2	Pass
	16QAM	1	0	1	24	23.3	Pass
		100	0	25	0	23.4	Pass
Mid	QPSK	1	0	1	24	23.5	Pass
		100	0	25	0	23.6	Pass
	16QAM	1	0	1	24	23.7	Pass
		100	0	25	0	23.8	Pass
High	QPSK	1	0	1	24	23.9	Pass
		100	0	25	0	23.10	Pass
	16QAM	1	0	1	24	23.11	Pass
		100	0	25	0	23.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	23.13	Pass
		100	0	100	0	23.14	Pass
	16QAM	1	0	1	99	23.15	Pass
		100	0	100	0	23.16	Pass
Mid	QPSK	1	0	1	99	23.17	Pass
		100	0	100	0	23.18	Pass
	16QAM	1	0	1	99	23.19	Pass
		100	0	100	0	23.20	Pass
High	QPSK	1	0	1	99	23.21	Pass
		100	0	100	0	23.22	Pass
	16QAM	1	0	1	99	23.23	Pass
		100	0	100	0	23.24	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	PI/2 BPSK	1	0	24.1	Pass
				25	0	24.2	Pass
			QPSK	1	0	24.3	Pass
				25	0	24.4	Pass
		HCH	PI/2 BPSK	1	24	24.5	Pass
				25	0	24.6	Pass
			QPSK	1	24	24.7	Pass
				25	0	24.8	Pass
	15	LCH	PI/2 BPSK	1	0	24.9	Pass
				75	0	24.10	Pass
			QPSK	1	0	24.11	Pass
				75	0	24.12	Pass
		HCH	PI/2 BPSK	1	78	24.13	Pass
				75	0	24.14	Pass
			QPSK	1	78	24.15	Pass
				75	0	24.16	Pass
	20	LCH	PI/2 BPSK	1	0	24.17	Pass
				100	0	24.18	Pass
			QPSK	1	0	24.19	Pass
				100	0	24.20	Pass
		HCH	PI/2 BPSK	1	105	24.21	Pass
				100	0	24.22	Pass
			QPSK	1	105	24.23	Pass
				100	0	24.24	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	PI/2 BPSK	1	0	25.1	Pass
				25	0	25.2	Pass
			QPSK	1	0	25.3	Pass
				25	0	25.4	Pass
		HCH	PI/2 BPSK	1	24	25.5	Pass
				25	0	25.6	Pass
			QPSK	1	24	25.7	Pass
				25	0	25.8	Pass
	25	LCH	PI/2 BPSK	1	0	25.9	Pass
				128	0	25.10	Pass
			QPSK	1	0	25.11	Pass
				128	0	25.12	Pass
		HCH	PI/2 BPSK	1	132	25.13	Pass
				128	0	25.14	Pass
			QPSK	1	132	25.15	Pass
				128	0	25.16	Pass
	40	LCH	PI/2 BPSK	1	0	25.17	Pass
				216	0	25.18	Pass
			QPSK	1	0	25.19	Pass
				216	0	25.20	Pass
		HCH	PI/2 BPSK	1	215	25.21	Pass
				216	0	25.22	Pass
			QPSK	1	215	25.23	Pass
				216	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
n38	10	LCH	PI/2 BPSK	1	0	26.1	Pass
				24	0	26.2	Pass
			QPSK	1	0	26.3	Pass
				24	0	26.4	Pass
		HCH	PI/2 BPSK	1	23	26.5	Pass
				24	0	26.6	Pass
			QPSK	1	23	26.7	Pass
				24	0	26.8	Pass
	20	LCH	PI/2 BPSK	1	0	26.9	Pass
				50	0	26.10	Pass
			QPSK	1	0	26.11	Pass
				50	0	26.12	Pass
		HCH	PI/2 BPSK	1	50	26.13	Pass
				50	0	26.14	Pass
			QPSK	1	50	26.15	Pass
				50	0	26.16	Pass
	40	LCH	PI/2 BPSK	1	0	26.17	Pass
				100	0	26.18	Pass
			QPSK	1	0	26.19	Pass
				100	0	26.20	Pass
		HCH	PI/2 BPSK	1	105	26.21	Pass
				100	0	26.22	Pass
			QPSK	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
n41	20	LCH	PI/2 BPSK	1	0	27.1	Pass
				50	0	27.2	Pass
			QPSK	1	0	27.3	Pass
				50	0	27.4	Pass
		HCH	PI/2 BPSK	1	50	27.5	Pass
				50	0	27.6	Pass
			QPSK	1	50	27.7	Pass
				50	0	27.8	Pass
	60	LCH	PI/2 BPSK	1	0	27.9	Pass
				162	0	27.10	Pass
			QPSK	1	0	27.11	Pass
				162	0	27.12	Pass
		HCH	PI/2 BPSK	1	161	27.13	Pass
				162	0	27.14	Pass
			QPSK	1	161	27.15	Pass
				162	0	27.16	Pass
	100	LCH	PI/2 BPSK	1	0	27.17	Pass
				273	0	27.18	Pass
			QPSK	1	0	27.19	Pass
				273	0	27.20	Pass
		HCH	PI/2 BPSK	1	272	27.21	Pass
				273	0	27.22	Pass
			QPSK	1	272	27.23	Pass
				273	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
n66	5	LCH	PI/2 BPSK	1	0	28.1	Pass
				25	0	28.2	Pass
			QPSK	1	0	28.3	Pass
				25	0	28.4	Pass
		HCH	PI/2 BPSK	1	24	28.5	Pass
				25	0	28.6	Pass
			QPSK	1	24	28.7	Pass
				25	0	28.8	Pass
	20	LCH	PI/2 BPSK	1	0	28.9	Pass
				100	0	28.10	Pass
			QPSK	1	0	28.11	Pass
				100	0	28.12	Pass
		HCH	PI/2 BPSK	1	105	28.13	Pass
				100	0	28.14	Pass
			QPSK	1	105	28.15	Pass
				100	0	28.16	Pass
	40	LCH	PI/2 BPSK	1	0	28.17	Pass
				216	0	28.18	Pass
			QPSK	1	0	28.19	Pass
				216	0	28.20	Pass
		HCH	PI/2 BPSK	1	215	28.21	Pass
				216	0	28.22	Pass
			QPSK	1	215	28.23	Pass
				216	0	28.24	Pass

A.7 Field Strength of Spurious Radiation

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

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

Note 3: Test plots please refer to the document “Annex No.:BL-SZ2330970-501 Data Part 5.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	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 13	5 MHz	MCH	QPSK	RB1#0	13.1	Pass
	10 MHz	MCH	QPSK	RB1#0	13.2	Pass
Band 17	5 MHz	MCH	QPSK	RB1#0	14.1	Pass
	10 MHz	MCH	QPSK	RB1#0	14.2	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 26 (Part22)	1.4 MHz	MCH	QPSK	RB1#0	16.1	Pass
	3 MHz	MCH	QPSK	RB1#0	16.2	Pass
	5 MHz	MCH	QPSK	RB1#0	16.3	Pass
	10 MHz	MCH	QPSK	RB1#0	16.4	Pass
	15 MHz	MCH	QPSK	RB1#0	16.5	Pass
Band 38	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 41	5 MHz	MCH	QPSK	RB1#0	18.1	Pass
	10 MHz	MCH	QPSK	RB1#0	18.2	Pass
	15 MHz	MCH	QPSK	RB1#0	18.3	Pass
	20 MHz	MCH	QPSK	RB1#0	18.4	Pass
Band 66	1.4 MHz	MCH	QPSK	RB1#0	19.1	Pass
	3 MHz	MCH	QPSK	RB1#0	19.2	Pass
	5 MHz	MCH	QPSK	RB1#0	19.3	Pass
	10 MHz	MCH	QPSK	RB1#0	19.4	Pass
	15 MHz	MCH	QPSK	RB1#0	19.5	Pass
	20 MHz	MCH	QPSK	RB1#0	19.6	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	1	49	20.1	Pass
Mid	QPSK	1	0	1	49	20.2	Pass
High	QPSK	1	0	1	49	20.3	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	20.4	Pass
Mid	QPSK	1	0	1	99	20.5	Pass
High	QPSK	1	0	1	99	20.6	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_38C							
15MHz+15MHz							
Low	QPSK	1	0	1	74	21.1	Pass
Mid	QPSK	1	0	1	74	21.2	Pass
High	QPSK	1	0	1	74	21.3	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	21.4	Pass
Mid	QPSK	1	0	1	99	21.5	Pass
High	QPSK	1	0	1	99	21.6	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	1	24	22.1	Pass
Mid	QPSK	1	0	1	24	22.2	Pass
High	QPSK	1	0	1	24	22.3	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	22.4	Pass
Mid	QPSK	1	0	1	99	22.5	Pass
High	QPSK	1	0	1	99	22.6	Pass

NR Mode Test Verdict

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n5	5	MCH	QPSK	12	6	23.1	Pass
	15	MCH	QPSK	36	18	23.2	Pass
	20	MCH	QPSK	50	25	23.3	Pass
	5	MCH	PI/2 BPSK	12	6	23.4	Pass
	15	MCH	PI/2 BPSK	36	18	23.5	Pass
	20	MCH	PI/2 BPSK	50	25	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
n7	5	MCH	QPSK	12	6	24.1	Pass
	25	MCH	QPSK	64	32	24.2	Pass
	40	MCH	QPSK	108	54	24.3	Pass
	5	MCH	PI/2 BPSK	12	6	24.4	Pass
	25	MCH	PI/2 BPSK	64	32	24.5	Pass
	40	MCH	PI/2 BPSK	108	54	24.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n38	10	MCH	QPSK	12	6	25.1	Pass
	20	MCH	QPSK	25	12	25.2	Pass
	40	MCH	QPSK	50	25	25.3	Pass
	10	MCH	PI/2 BPSK	12	6	25.4	Pass
	20	MCH	PI/2 BPSK	25	12	25.5	Pass
	40	MCH	PI/2 BPSK	50	25	25.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n41	20	MCH	QPSK	25	12	26.1	Pass
	60	MCH	QPSK	81	40	26.2	Pass
	100	MCH	QPSK	135	67	26.3	Pass
	20	MCH	PI/2 BPSK	25	12	26.4	Pass
	60	MCH	PI/2 BPSK	81	40	26.5	Pass
	100	MCH	PI/2 BPSK	135	67	26.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n66	5	MCH	QPSK	12	6	27.1	Pass
	20	MCH	QPSK	50	25	27.2	Pass
	40	MCH	QPSK	108	54	27.3	Pass
	5	MCH	PI/2 BPSK	12	6	27.4	Pass
	20	MCH	PI/2 BPSK	50	25	27.5	Pass
	40	MCH	PI/2 BPSK	108	54	27.6	Pass

EN-DC Configuration		DC_2A_n7A		DC_2A_n66A	
		Low Channel	High Channel	Low Channel	High Channel
NR Cell	Band	n7		n66	
	SCS (kHz)	15	15	15	15
	Bandwidth (MHz)	40	40	40	40
	DL Channel	528000	534000	426000	432000
	Modulation	CP-OFDM QPSK	CP-OFDM QPSK	CP-OFDM QPSK	CP-OFDM QPSK
	RB Allocation	Edge_1RB_Left	Edge_1RB_Right	Edge_1RB_Left	Edge_1RB_Right
E-UTRA Cell	Band	Band2		Band2	
	Bandwidth (MHz)	20	20	20	20
	DL Channel	1940	1980	700	1100
	Modulation	QPSK	QPSK	QPSK	QPSK
	RB Allocation	Outer_1RB_Left	Outer_1RB_Right	Outer_1RB_Left	Outer_1RB_Right
Refer to Plot[Note3]		28.1	28.2	29.1	29.2
Verdict		Pass	Pass	Pass	Pass

EN-DC Configuration		DC_5A_n7A		DC_5A_n66A	
		Low Channel	High Channel	Low Channel	High Channel
NR Cell	Band	n7		n66	
	SCS (kHz)	15	15	15	15
	Bandwidth (MHz)	40	40	40	40
	DL Channel	528000	534000	426000	432000
	Modulation	CP-OFDM QPSK	CP-OFDM QPSK	CP-OFDM QPSK	CP-OFDM QPSK
	RB Allocation	Edge_1RB_Left	Edge_1RB_Right	Edge_1RB_Left	Edge_1RB_Right
E-UTRA Cell	Band	Band5		Band5	
	Bandwidth (MHz)	10	10	10	10
	DL Channel	2450	2600	2450	2600
	Modulation	QPSK	QPSK	QPSK	QPSK
	RB Allocation	Outer_1RB_Left	Outer_1RB_Right	Outer_1RB_Left	Outer_1RB_Right
Refer to Plot[Note3]		30.1	30.2	31.1	31.2
Verdict		Pass	Pass	Pass	Pass

EN-DC Configuration		DC_7A_n5A		DC_7A_n66A	
		Low Channel	High Channel	Low Channel	High Channel
NR Cell	Band	n5		n66	
	SCS (kHz)	15	15	15	15
	Bandwidth (MHz)	20	20	40	40
	DL Channel	175800	176800	426000	432000
	Modulation	CP-OFDM QPSK	CP-OFDM QPSK	CP-OFDM QPSK	CP-OFDM QPSK
	RB Allocation	Edge_1RB_Left	Edge_1RB_ Left	Edge_1RB_Left	Edge_1RB_Right
E-UTRA Cell	Band	Band7		Band7	
	Bandwidth (MHz)	20	20	20	20
	DL Channel	2850	3350	2850	3350
	Modulation	QPSK	QPSK	QPSK	QPSK
	RB Allocation	Outer_1RB_Left	Outer_1RB_ Left	Outer_1RB_Left	Outer_1RB_Right
Refer to Plot[Note3]		32.1	32.2	33.1	33.2
Verdict		Pass	Pass	Pass	Pass

EN-DC Configuration		DC_12A_n66A		DC_26A_n41A	
		Low Channel	High Channel	Low Channel	High Channel
NR Cell	Band	n66		n41	
	SCS (kHz)	15	15	30	30
	Bandwidth (MHz)	40	40	100	100
	DL Channel	426000	432000	509202	528000
	Modulation	CP-OFDM QPSK	CP-OFDM QPSK	CP-OFDM QPSK	CP-OFDM QPSK
	RB Allocation	Edge_1RB_Left	Edge_1RB_Right	Edge_1RB_Left	Edge_1RB_Right
E-UTRA Cell	Band	Band12		Band26	
	Bandwidth (MHz)	10	10	15	15
	DL Channel	5060	5130	8765	8965
	Modulation	QPSK	QPSK	QPSK	QPSK
	RB Allocation	Outer_1RB_Left	Outer_1RB_Right	Outer_1RB_Left	Outer_1RB_Right
Refer to Plot[Note3]		34.1	34.2	35.1	35.2
Verdict		Pass	Pass	Pass	Pass

EN-DC Configuration		DC_66A_n5A		DC_66A_n7A	
		Low Channel	High Channel	Low Channel	High Channel
NR Cell	Band	n5		n7	
	SCS (kHz)	15	15	15	15
	Bandwidth (MHz)	20	20	40	40
	DL Channel	175800	176800	528000	534000
	Modulation	CP-OFDM QPSK	CP-OFDM QPSK	CP-OFDM QPSK	CP-OFDM QPSK
	RB Allocation	Edge_1RB_Left	Edge_1RB_ Left	Edge_1RB_Left	Edge_1RB_Right
E-UTRA Cell	Band	Band66		Band66	
	Bandwidth (MHz)	20	20	20	20
	DL Channel	66536	66536	66536	1980
	Modulation	QPSK	QPSK	QPSK	QPSK
	RB Allocation	Outer_1RB_Left	Outer_1RB_ Left	Outer_1RB_Left	Outer_1RB_Right
Refer to Plot[Note3]		36.1	36.2	37.1	37.2
Verdict		Pass	Pass	Pass	Pass

EN-DC Configuration		DC_66A_n38A		DC_66A_n41A	
		Low Channel	High Channel	Low Channel	High Channel
NR Cell	Band	n38		n41	
	SCS (kHz)	30	30	30	30
	Bandwidth (MHz)	40	40	100	100
	DL Channel	518000	520000	509202	528000
	Modulation	CP-OFDM QPSK	CP-OFDM QPSK	CP-OFDM QPSK	CP-OFDM QPSK
	RB Allocation	Edge_1RB_Left	Edge_1RB_Right	Edge_1RB_Left	Edge_1RB_Right
E-UTRA Cell	Band	Band66		Band66	
	Bandwidth (MHz)	20	20	20	20
	DL Channel	66536	67036	66536	67036
	Modulation	QPSK	QPSK	QPSK	QPSK
	RB Allocation	Outer_1RB_Left	Outer_1RB_Right	Outer_1RB_Left	Outer_1RB_Right
Refer to Plot[Note3]		38.1	38.2	39.1	39.2
Verdict		Pass	Pass	Pass	Pass

ANNEX B TEST SETUP PHOTOS

Please refer to the document “BL-SZ2330970-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer to the document “BL-S2330970-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer to the document “BL-SZ2330970-AI.PDF”.

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