TEST REPORT

Applicant:	Xiaomi Communications Co., Ltd.
Address:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Equipment Type:	Mobile Phone
Model Name:	22111317G
Brand Name:	Redmi
FCC ID:	2AFZZ1317G
Test Standard:	47 CFR Part 2 (Others refer to chapter 3.1)
Test Date:	Sep. 29, 2022 - Oct. 19, 2022
Date of Issue:	Nov. 03, 2022

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Huang Jiaquan **Checked by:** Wu Huihui **Approved by:** Wei Yanquan (Chief Engineer)

Revision History

Version	Issue Date	Revisions Content
Rev. 01	Nov. 03, 2022	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☑ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory 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	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.2 Manufacturer Information

Manufacturer	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	22111317G
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	P2
Software Version	MIUI 13
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

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

All Network and Wireless connectivity for EUT	2G Network GSM/GPRS/EDGE 850/900/1800/1900 MHz 3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA Band 1/2/4/5/8 4G Network FDD LTE Band 1/2/3/4/5/7/8/20/28/32 TDD LTE Band 38/40/41 CA Uplink (UL): CA_3C, CA_7C, CA_38C, CA_40C, CA_1A-3A, CA_1A-7A, CA_1A-20A, CA_3A-7A, CA_3A-20A, CA_4A-7A, CA_7A-28A, CA_7A-20A LTE CA Downlink (DL): CA_20A-32A 5G Network SA: NR n1/n3/n5/n7/n8/n20/n28/38/n40/n41/n77/n78 NSA(EN-DC): DC_1A_n3A, DC_1A_n5A, DC_1A_n7A, DC_1A_n8A, DC_1A_n20A, DC_1A_n28A, DC_1A_n38A, DC_1A_n40A, DC_1A_n41A, DC_1A_n77A, DC_1A_n78A, DC_2A_n78A, DC_3A_n1A, DC_3A_n5A, DC_3A_n7A, DC_3A_n20A, DC_3A_n28A, DC_3A_n38A, DC_3A_n40A, DC_3A_n41A, DC_3A_n77A, DC_3A_n78A, DC_5A_n40A, DC_5A_n78A, DC_7A_n1A, DC_7A_n3A, DC_7A_n5A, DC_7A_n8A, DC_7A_n20A, DC_7A_n28A, DC_7A_n78A, DC_8A_n1A, DC_8A_n3A, DC_8A_n7A, DC_8A_n40A, DC_8A_n41A, DC_8A_n77A, DC_8A_n78A, DC_20A_n1A, DC_20A_n3A, DC_20A_n7A, DC_20A_n28A, DC_20A_n38A, DC_20A_n78A, DC_28A_n1A, DC_28A_n3A, DC_28A_n7A, DC_28A_n40A, DC_28A_n41A, DC_28A_n77A, DC_28A_n78A, DC_38A_n3A, DC_38A_n78A, DC_40A_n1A, DC_40A_n78A, DC_41A_n78A Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, Galileo, BDS, NFC, FM receiver
IMEI	S29: IMEI1: 864010060081241/ IMEI2: 864010060081258 S02: IMEI1: 864010060038126/ IMEI2: 864010060038134 S12: IMEI1: 864010060081548/ IMEI2: 864010060081555 S05: IMEI1: 864010060033481/ IMEI2: 864010060033499 S04: IMEI1: 864010060033267/ IMEI2: 864010060033275 S11: IMEI1: 864010060081266/ IMEI2: 864010060081274
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.
Note 1: The EUT is a mobile phone, supporting dual SIM card slots under the same transceiver. Both SIM card slots support GSM, WCDMA, LTE and NR. And both SIM card slots share the same transceiver, so only SIM1 is tested in this report.	

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

Operating Bands	GSM/GPRS/EGPRS 850/ 1900 MHz WCDMA/HSDPA/HSUPA Band 2/4/5 LTE FDD Band 2/4/5/7 LTE TDD Band 38/41 CA_7C, CA_38C, CA_4A-7A SA: NR n5/n7/n38/n41/n77/n78 NSA(EN-DC): DC_2A_n78A, DC_5A_n78A, DC_7A_n5A, DC_7A_n78A, DC_41A_n78A	
Modulation Type	GSM/GPRS	GMSK
	EGPRS	8PSK
	WCDMA	QPSK
	HSDPA /HSUPA	QPSK
		16QAM
	LTE	QPSK
		16QAM
	NR	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM
		DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM
TX Frequency Range	GSM/GPRS/EGPRS 850: 824 MHz ~ 849 MHz GSM/GPRS/EGPRS 1900: 1850 MHz ~ 1910 MHz WCDMA/HSDPA/HSUPA Band 2: 1850 MHz ~ 1910 MHz WCDMA/HSDPA/HSUPA Band 4: 1710 MHz ~ 1755 MHz WCDMA/HSDPA/HSUPA Band 5: 824 MHz ~ 849 MHz FDD LTE Band 2: 1850 MHz ~ 1910 MHz FDD LTE Band 4: 1710 MHz ~ 1755 MHz FDD LTE Band 5: 824 MHz ~ 849 MHz FDD LTE Band 7: 2500 MHz ~ 2570 MHz TDD LTE Band 38: 2570 MHz ~ 2620 MHz TDD LTE Band 41: 2496 MHz ~ 2690 MHz FDD NR Band n5: 824 MHz ~ 849 MHz FDD NR Band n7: 2500 MHz ~ 2570 MHz TDD NR Band n38: 2570 MHz ~ 2620 MHz TDD NR Band n41: 2496 MHz ~ 2690 MHz TDD NR Band n77: 3450 MHz ~ 3550 MHz&3700 MHz ~ 3980 MHz TDD NR Band n78: 3450 MHz ~ 3550 MHz&3700 MHz ~ 3800 MHz	
Rx Frequency Range	GSM/GPRS/EGPRS 850: 869 MHz ~ 894 MHz GSM/GPRS/EGPRS 1900: 1930 MHz ~ 1990 MHz WCDMA/HSDPA/HSUPA Band 2: 1930 MHz ~ 1990 MHz WCDMA/HSDPA/HSUPA Band 4: 2110 MHz ~ 2155 MHz WCDMA/HSDPA/HSUPA Band 5: 869 MHz ~ 894 MHz FDD LTE Band 2: 1930 MHz ~ 1990 MHz	

	FDD LTE Band 4: 2110 MHz ~ 2155 MHz FDD LTE Band 5: 869 MHz ~ 894 MHz FDD LTE Band 7: 2620 MHz ~ 2690 MHz TDD LTE Band 38: 2570 MHz ~ 2620 MHz TDD LTE Band 41: 2496 MHz ~ 2690 MHz FDD NR Band n5: 869 MHz ~ 894MHz FDD NR Band n7: 2620 MHz ~ 2690MHz TDD NR Band n38: 2570 MHz ~ 2620 MHz TDD NR Band n41: 2496 MHz ~ 2690MHz TDD NR Band n77: 3450 MHz ~ 3550 MHz&3700 MHz ~ 3980 MHz TDD NR Band n78: 3450 MHz ~ 3550 MHz&3700 MHz ~ 3800 MHz
SCS and Channel Bandwidths	n5_SCS 15kHz: 5 MHz, 10 MHz, 15 MHz, 20 MHz n7_SCS 15kHz: 5 MHz, 10 MHz, 15 MHz, 20 MHz n38_SCS 30kHz: 20 MHz, 30 MHz, 40 MHz n41_SCS 30kHz: 20 MHz, 30 MHz, 40 MHz, 50 MHz, 60 MHz, 70 MHz, 80 MHz, 90 MHz, 100 MHz n77_SCS 30kHz: 20 MHz, 30 MHz, 40 MHz, 50 MHz, 60 MHz, 70 MHz, 80 MHz, 90 MHz, 100 MHz n78_SCS 30kHz: 20 MHz, 30 MHz, 40 MHz, 50 MHz, 60 MHz, 70 MHz, 80 MHz, 90 MHz, 100 MHz
Power Class	GSM/GPRS 850: 4 GSM/GPRS 1900: 1 EGPRS 850/1900: E2 WCDMA/HSDPA/HSUPA Band 2: 3 WCDMA/HSDPA/HSUPA Band 4: 3 WCDMA/HSDPA/HSUPA Band 5: 3 FDD LTE Band 2: 3 FDD LTE Band 4: 3 FDD LTE Band 5: 3 FDD LTE Band 7: 3 TDD LTE Band 38: 3 TDD LTE Band 41: 3 FDD NR Band n5: 3 FDD NR Band n7: 3 TDD NR Band n38: 3 TDD NR Band n41: 3 TDD NR Band n77: 2 TDD NR Band n78: 2 DC_2A_n78A: 3 DC_5A_n78A: 3 DC_7A_n78A: 3 DC_41A_n78A: 3
Multislot Class	GPRS/EGPRS: 33
Antenna Type	PIFA Antenna

Antenna Gain	GSM/GPRS/EGPRS 850: -4.3 dBi(ANT1), -6.0 dBi(ANT4) GSM/GPRS/EGPRS 1900: -1.1 dBi(ANT1), -1.8 dBi(ANT4) WCDMA/HSDPA/HSUPA Band 2: -1.1 dBi(ANT1), -1.8 dBi(ANT4) WCDMA/HSDPA/HSUPA Band 4: 1.4 dBi(ANT1), -2.8 dBi(ANT4) WCDMA/HSDPA/HSUPA Band 5: -4.3 dBi(ANT1), -6.0 dBi(ANT4) FDD LTE Band 2: -1.1 dBi(ANT1), -1.8 dBi(ANT4), -4.4 dBi(ANT2) FDD LTE Band 4: -1.4 dBi(ANT1), -2.8 dBi(ANT4) FDD LTE Band 5: -4.3 dBi(ANT1), -6.0 dBi(ANT4) FDD LTE Band 7: -1.4 dBi(ANT1), -0.4 dBi(ANT4), -3.3 dBi(ANT2) TDD LTE Band 38: -1.3 dBi(ANT1), -0.8 dBi(ANT4), -3.0 dBi(ANT2) TDD LTE Band 41: -1.3 dBi(ANT1), -0.8 dBi(ANT4), -3.0 dBi(ANT2) CA_7C: -1.4 dBi(ANT1), -0.4 dBi(ANT4), -3.3 dBi(ANT2) CA_38C: -1.3 dBi(ANT1), -0.8 dBi(ANT4), -3.0 dBi(ANT2) CA_4A-7A: Band 4: -1.4 dBi(ANT1), -2.8 dBi(ANT4), Band 7: -1.4 dBi(ANT1), -0.4 dBi(ANT4), -3.3 dBi(ANT2) FDD NR Band n5: -4.3 dBi(ANT1), -6.0 dBi(ANT4) FDD NR Band n7: -1.4 dBi(ANT1), -0.4 dBi(ANT4) FDD NR Band n38: -1.3 dBi(ANT1), -0.8 dBi(ANT4), -3.0 dBi(ANT2, -4.4 dBi(ANT5) TDD NR Band n41: -1.3 dBi(ANT1), -0.8 dBi(ANT4), -3.0 dBi(ANT2), -4.4 dBi(ANT5) FDD NR Band n77: -2.2 dBi(ANT2), -1.2 dBi(ANT3), -2.2 dBi(ANT5), -4.3 dBi(ANT6) FDD NR Band n78: -3.2 dBi(ANT2), -1.2 dBi(ANT3), -2.1 dBi(ANT5), -3.8 dBi(ANT6)
The Max RF Output Power (EIRP/ERP)	GSM/GPRS/EGPRS 850: 26.87 dBm GSM/GPRS/EGPRS 1900: 29.54 dBm WCDMA/HSDPA/HSUPA Band 2: 22.92 dBm WCDMA/HSDPA/HSUPA Band 4: 25.86 dBm WCDMA/HSDPA/HSUPA Band 5: 17.55 dBm FDD LTE Band 2: 22.72 dBm FDD LTE Band 4: 25.69 dBm FDD LTE Band 5: 17.90 dBm FDD LTE Band 7: 24.50 dBm TDD LTE Band 38: 23.90 dBm TDD LTE Band 41: 23.85 dBm CA_7C: 23.35 dBm CA_38C: 22.82 dBm CA_4A-7A: 25.61 dBm FDD NR Band n5: 18.38 dBm FDD NR Band n7: 24.96 dBm FDD NR Band n38: 24.90 dBm TDD NR Band n41: 24.12 dBm

	FDD NR Band n77(3450-3550 MHz): 24.68 dBm FDD NR Band n77(3700-3980 MHz): 25.03 dBm FDD NR Band n78(3450-3550 MHz): 26.05 dBm FDD NR Band n78(3700-3800 MHz): 26.28 dBm FDD NR DC_2A_n78A (3450-3550 MHz): 22.19 dBm FDD NR DC_2A_n78A (3700-3800 MHz): 22.50 dBm FDD NR DC_5A_n78A (3450-3550 MHz): 22.08 dBm FDD NR DC_5A_n78A (3700-3800 MHz): 22.51 dBm FDD NR DC_7A_n5A: 20.34 dBm FDD NR DC_7A_n78A (3450-3550 MHz): 22.44 dBm FDD NR DC_7A_n78A (3700-3800 MHz): 22.45 dBm FDD NR DC_41A_n78A (3450-3550 MHz): 22.50 dBm FDD NR DC_41A_n78A (3700-3800 MHz): 22.53 dBm

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

Note 2: 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	ANSI/TIA-603-E-2016	Land Mobile FM or PM Communications Equipment Measurement and Performance Standards
6	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	ANNEX A.1	Pass
3	Peak to Average Radio	2.1046 24.232(d) 27.50	ANNEX A.2	Pass
4	Occupied Bandwidth	2.1049 22.917 24.238 27.53	ANNEX A.3	Pass
5	Frequency Stability	2.1055 22.355 24.235 27.54	ANNEX A.4	Pass
6	Spurious Emission at Antenna Terminals	2.1051 22.917 24.238 27.53	ANNEX A.5	Pass
7	Band Edge	2.1051 22.917 24.238 27.53	ANNEX A.6	Pass
8	Field Strength of Spurious Radiation	2.1053 22.917 24.238 27.53	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)	3.87 V
	LV (Low Voltage)	3.60 V
	HV (High Voltage)	4.40 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 and Test Software 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	2021.11.30	2022.11.29
Universal Radio Communication Tester	R&S	CMU 200	121487	V5.21	2022.01.04	2023.01.03
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	6201588752	40.10S #017	2022.05.31	2023.05.30
Radio Communication Test Station	Anritsu	MT8000A	6261940329	Ver.8.60.4.0	2022.03.14	2023.03.13
Spectrum Analyzer	keysight	N9020A	MY50531628	A.16.09	2022.05.23	2023.05.22
Spectrum Analyzer	R&S	FSV40	101544	2.30.SP4	2022.01.04	2023.01.03
DC Power Supply	ITECH	IT6863A	800014020757120005	N/A	2021.09.22	2022.09.21
					2022.09.09	2023.09.08
5G Wireless Test Platform	Starpoint	SP9500-CTS	25103	C1.0.8.32	2022.02.18	2023.02.17
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	25103	C1.0.8.32	2022.02.18	2023.02.17
Spectrum Analyzer	R&S	FSV40	101544	2.30.SP4	2022.01.04	2023.01.03
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	9120D-1917	N/A	2022.06.09	2025.06.08
Test Antenna-Horn(18-40 GHz)	A-INFO	LB-180400KF	J211060273	N/A	2021.01.04	2023.01.03
Anechoic Chamber	YIHENG	9m*6m*6m	#3	N/A	2022.02.09	2024.09.03
EMI Receiver	Keysight	N9038A	MY53220118	A.14.16	2021.09.13	2022.09.12
					2022.09.08	2023.09.07
Amplifier	KMW	ZT30-1000MHz	N/A	N/A	2022.06.16	2023.06.15
Amplifier	KMW	LSCX-LNA1-12G-01	N/A	N/A	2022.06.16	2023.06.15
Amplifier	KMW	XKu_LNA7-18G-01	N/A	N/A	2022.06.16	2023.06.15
Amplifier	KMW	DLAN-18000-40000-02	N/A	N/A	2022.06.16	2023.06.15

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
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
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
38	n	n	--	--	--	v	v	v	v	--	v	v	v	v
41	n	n	--	--	--	v	v	v	v	--	v	v	v	v
Occupied Bandwidth														
2	v	v	v	v	v	v	v	v	--	--	v	v	v	v
4	v	v	v	v	v	v	v	v	--	--	v	v	v	v
5	v	v	v	v	n	n	v	v	--	--	v	v	v	v
7	n	n	v	v	v	v	v	v	--	--	v	v	v	v
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
Frequency Stability														
2	--	--	--	v	--	--	v	v	--	--	v	--	v	--
4	--	--	--	v	--	--	v	v	--	--	v	--	v	--
5	--	--	--	v	n	n	v	v	--	--	v	--	v	--
7	n	n	--	v	--	--	v	v	--	--	v	--	v	--
38	n	n	--	v	--	--	v	v	--	--	v	--	v	--
41	n	n	--	v	--	--	v	v	--	--	v	--	v	--
Spurious Emission at Antenna Terminals														
2	v	v	v	v	v	v	v	v	v	--	--	v	v	v
4	v	v	v	v	v	v	v	v	v	--	--	v	v	v
5	v	v	v	v	n	n	v	v	v	--	--	v	v	v
7	n	n	v	v	v	v	v	v	v	--	--	v	v	v
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
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

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
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
Field Strength of Spurious Radiation														
2	v	v	v	v	v	v	v	--	v	--	--	--	v	--
4	v	v	v	v	v	v	v	--	v	--	--	--	v	--
5	v	v	v	v	n	n	v	--	v	--	--	--	v	--
7	n	n	v	v	v	v	v	--	v	--	--	--	v	--
38	n	n	v	v	v	v	v	--	v	--	--	--	v	--
41	n	n	v	v	v	v	v	--	v	--	--	--	v	--

Note 1: The mark “v” means that this configuration is chosen for testing.
Note 2: The mark “n” means that this bandwidth is not supported.

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
LTE Band 2	Low Range	1.4	18607	1850.7
		3	18615	1851.5
		5	18625	1852.5
		10	18650	1855
		15	18675	1857.5
		20	18700	1860
	Middle Range	1.4/3/5/10/15/20	18900	1880
	High Range	1.4	19193	1909.3
		3	19185	1908.5
		5	19175	1907.5
		10	19150	1905
		15	19125	1902.5
		20	19100	1900
LTE Band 4	Low Range	1.4	19957	1710.7
		3	19965	1711.5
		5	19975	1712.5
		10	20000	1715
		15	20025	1717.5
		20	20050	1720
	Middle Range	1.4/3/5/10/15/20	20175	1732.5
	High Range	1.4	20393	1754.3
		3	20385	1753.5
		5	20375	1752.5
		10	20350	1750
		15	20325	1747.5
		20	20300	1745
LTE Band 5	Low Range	1.4	20407	824.7

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
		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 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

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

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

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

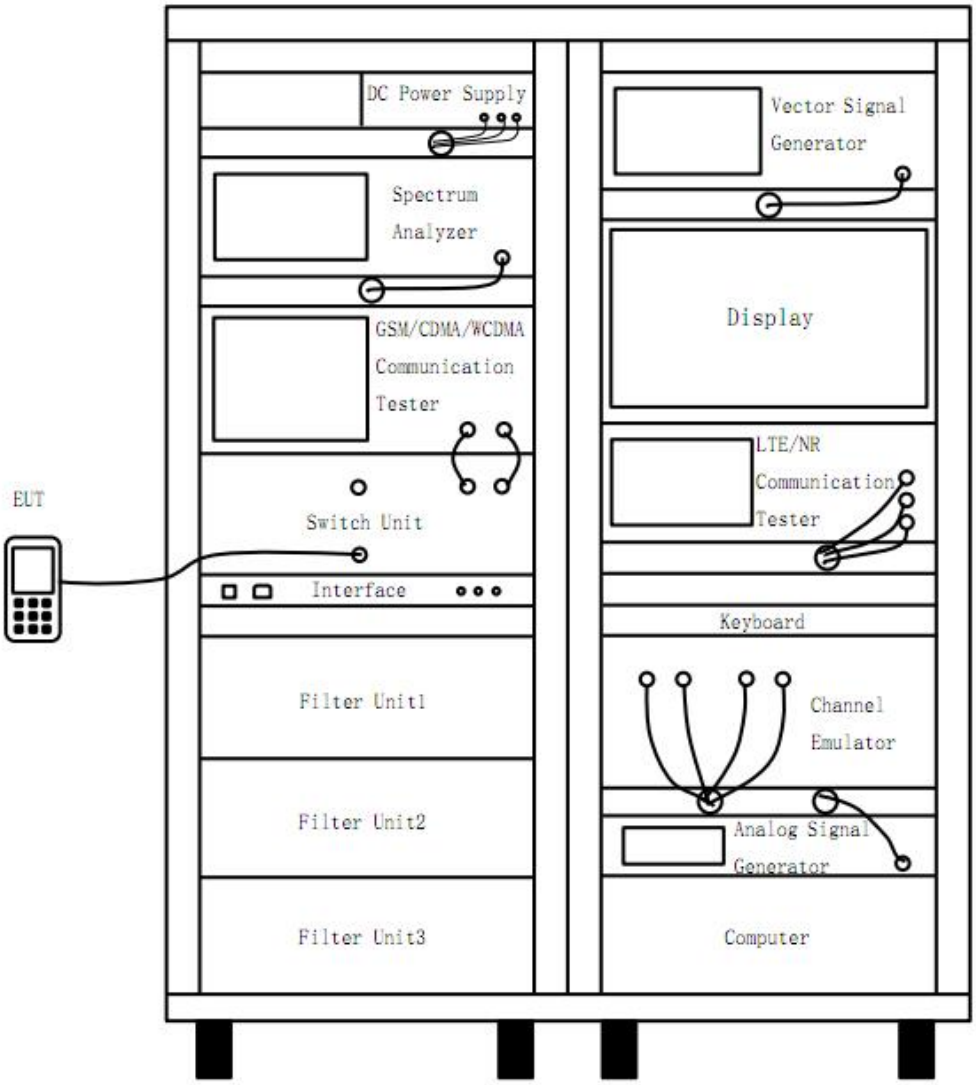
Test Mode	Channel Bandwidth (MHz)	UL Channel	UL Channel No.	UL Frequency (MHz)
NR Band n41	20	Low Range	501204	2506.02
		Middle Range	518598	2592.99
		High Range	535998	2679.99
	60	Low Range	505200	2526
		Middle Range	518598	2592.99
		High Range	531996	2659.98
	100	Low Range	509202	2546.01
		Middle Range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

Test Mode	Channel Bandwidth (MHz)	UL Channel	UL Channel No.	UL Frequency (MHz)
NR Band n77(3450-3550 MHz)	20	Low Range	630668	3460.02
		Middle Range	633332	3499.98
		High Range	636000	3540
	50	Low Range	631668	3475.02
		Middle Range	633332	3499.98
		High Range	635000	3525
	100	Low Range	--	--
		Middle Range	633332	3499.98
		High Range	--	--
NR Band n77(3700-3980 MHz)	20	Low Range	647334	3710.01
		Middle Range	656000	3840
		High Range	664666	3969.99
	50	Low Range	648334	3725.01
		Middle Range	656000	3840
		High Range	663666	3954.99
	100	Low Range	650000	3750
		Middle Range	656000	3840
		High Range	662000	3930

Test Mode	Channel Bandwidth (MHz)	UL Channel	UL Channel No.	UL Frequency (MHz)
NR Band n78(3450-3550 MHz)	20	Low Range	630668	3460.02
		Middle Range	633332	3499.98
		High Range	636000	3540
	50	Low Range	631668	3475.02
		Middle Range	633332	3499.98
		High Range	635000	3525
	100	Low Range	--	--
		Middle Range	633332	3499.98
		High Range	--	--
NR Band n78(3700-3800 MHz)	20	Low Range	647334	3710.01
		Middle Range	650000	3750
		High Range	652666	3789.99
	50	Low Range	648334	3725.01
		Middle Range	650000	3750
		High Range	651666	3774.99
	100	Low Range	--	--
		Middle Range	650000	3750
		High Range	--	--

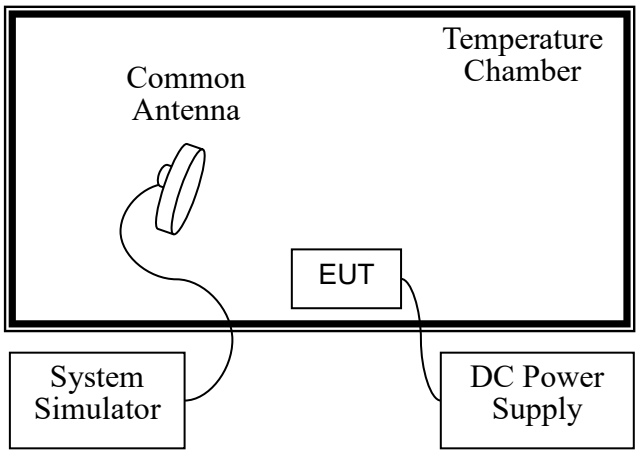
4.4 Test Setup

4.4.1 For Antenna Port Test



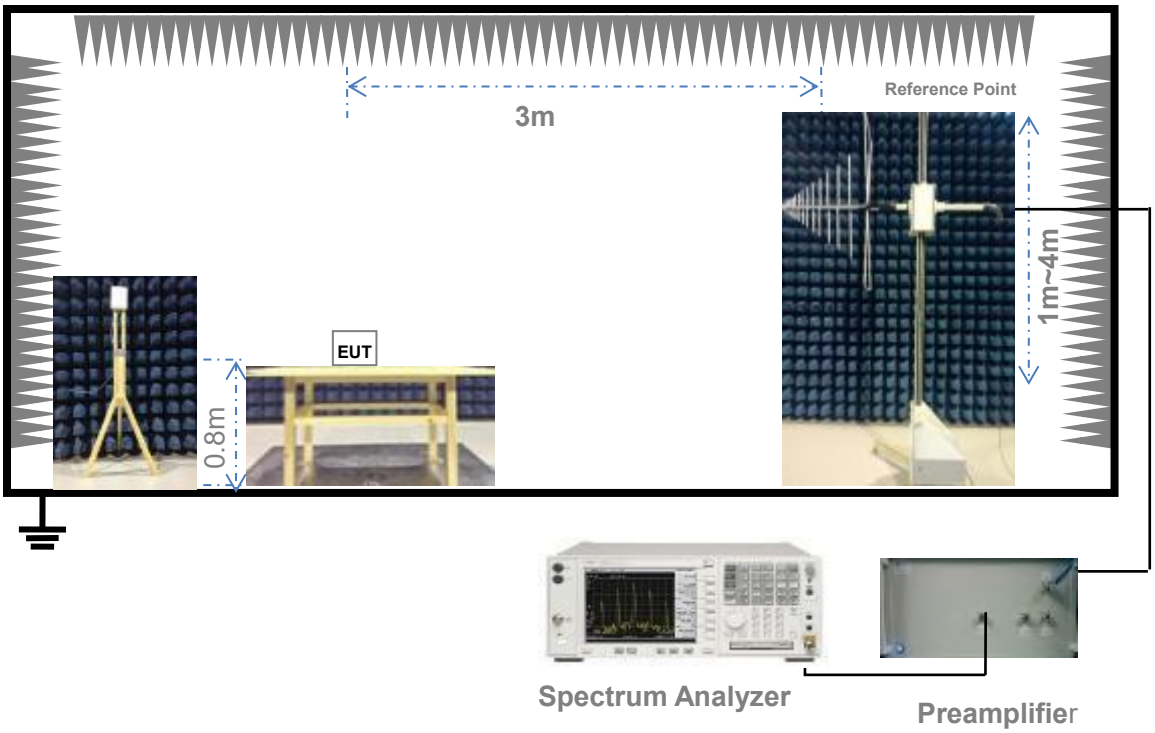
(Diagram 1)

4.4.2 For Frequency Stability Test



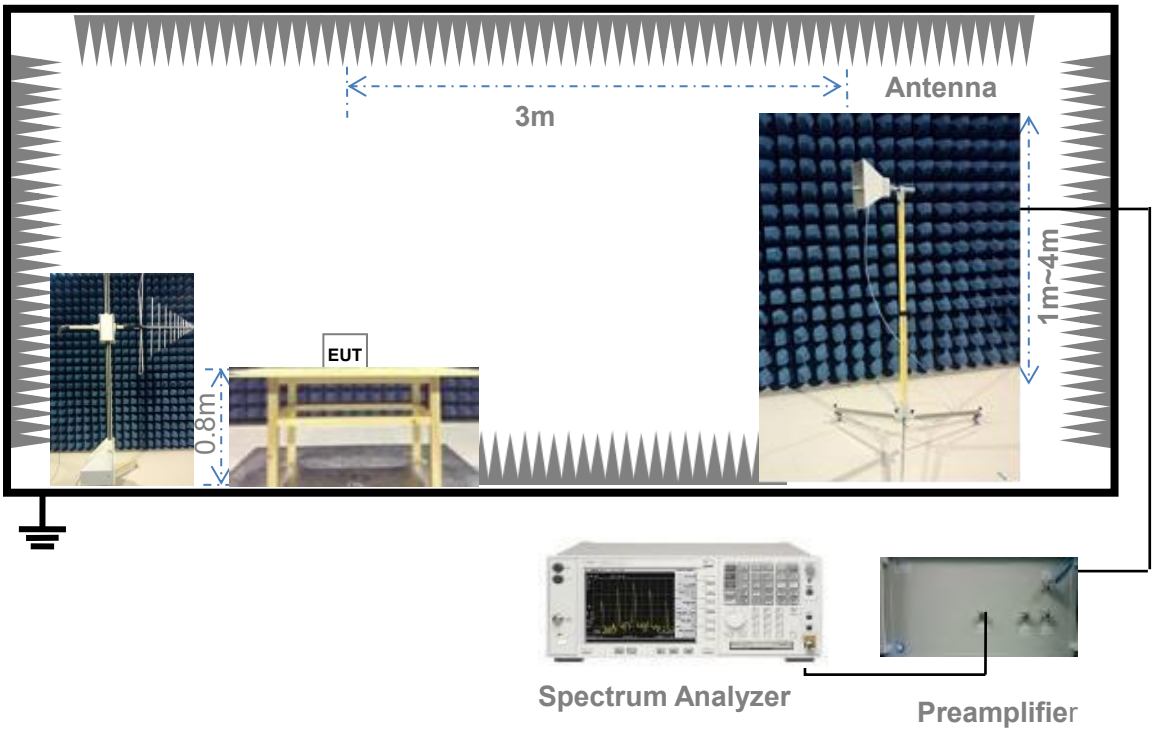
(Diagram 2)

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)

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

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

According to FCC section 27.50(a) (3), for mobile and portable stations transmitting in the 2305-2315MHz band or the 2350-2360MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards.

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

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

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

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

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

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.

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

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

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.

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)

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.

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

2. CMW500 is used to establish communication with the EUT, and its parameters are set to force the EUT transmitting at maximum output power.

3. The RF output of the transmitter is connected to the input of the spectrum analyzer through sufficient attenuation.

4. Spurious emissions are tested with 0.001MHz RBW for frequency less than 150kHz, 0.01MHz RBW for frequency less than 30MHz, 0.1MHz RBW for frequency less than 1GHz, and 1MHz RBW for frequency above 1GHz. And sweep point number are at least 401, referring to following formula.

Sweep point number = Span/RBW

VBW=3*RBW

Detector Mode=mean or average power

5. Record the frequencies and levels of spurious emissions.

5.5.4 Test Result

Please refer to ANNEX A.5.

5.6 Band Edge

5.6.1 Limit

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

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.

5.6.2 Test Setup

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

5.6.3 Test Procedure

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

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

2. CMW500 is used to establish communication with the EUT, and its parameters are set to force the EUT transmitting at maximum output power.

3. The RF output of the transmitter is connected to the input of the spectrum analyzer through sufficient attenuation.

4. The center of the spectrum analyzer was set to block edge frequency.

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

Sweep point number = 2*Span/RBW

VBW=3RBW

6. Record the frequencies and levels of spurious emissions.

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

10*log(10 kHz / 6.25 kHz) = 2.04 dB
Limit Line = -35 dBm + 2.04 dB = -32.96dBm

5.6.4 Test Result

Please refer to ANNEX A.6.

5.7 Field Strength of Spurious Radiation

5.7.1 Limit

FCC § 2.1053 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(f) & 27.53(g) & 27.53(h) & 27.53(l) & 27.53(m) & 27.53(n)

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.

5.7.2 Test Setup

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

5.7.3 Test Procedure

1. On a test site, the EUT shall be placed at 80cm height on a turn table, and in the position close to normal use as declared by the applicant.

2. The test antenna shall be oriented initially for vertical polarization located 3 m from EUT to correspond to

the fundamental frequency of the transmitter.

3. The output of the test antenna shall be connected to the measuring receiver and the peak detector is used

for the measurement.

4. During the measurement of the EUT, the resolution bandwidth was to 1 MHz and the average bandwidth

was set to 1 MHz.

5. The transmitter shall be switched on; the measuring receiver shall be tuned to the frequency of the

transmitter under test.

6. The test antenna shall be raised and lowered through the specified range of height until the maximum

signal level is detected by the measuring receiver.

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

detected by the measuring receiver.

8. The test antenna shall be raised and lowered again through the specified range of height until the

maximum signal level is detected by the measuring receiver.

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

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

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

the sensitivity of the measuring receiver.

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

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

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

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

Final measurement calculation as below:

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

ERP/EIRP (dBm) = SA Read Value (dBm) + Correction Factor (dB)

where:
ERP/EIRP = effective or equivalent radiated power, in dBm;
SA Read Value = measured transmitter power received by EMI receiver or spectrum analyzer, in dBm;
Correction Factor = total correction factor including cable loss, in dB;

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

For example:

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

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

5.7.4 Test Result

Please refer to ANNEX A.7.

ANNEX A TEST RESULTS

A.1 Transmitter Radiated Power (EIRP/ERP)

GSM Mode Test Data

Test Band	Test Channel	Conducted Output Peak Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
GSM 850	LCH	33.31	-4.3	-6.45	26.86	0.485	7.00	Pass
	MCH	33.09	-4.3	-6.45	26.64	0.461	7.00	Pass
	HCH	33.19	-4.3	-6.45	26.74	0.472	7.00	Pass
GPRS 850	LCH	33.32	-4.3	-6.45	26.87	0.486	7.00	Pass
	MCH	33.23	-4.3	-6.45	26.78	0.476	7.00	Pass
	HCH	33.23	-4.3	-6.45	26.78	0.476	7.00	Pass
EGPRS 850	LCH	30.23	-4.3	-6.45	23.78	0.239	7.00	Pass
	MCH	30.38	-4.3	-6.45	23.93	0.247	7.00	Pass
	HCH	30.31	-4.3	-6.45	23.86	0.243	7.00	Pass

Test Band	Test Channel	Conducted Output Peak Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
GSM 1900	LCH	30.52	-1.1	29.42	0.875	2.00	Pass
	MCH	30.55	-1.1	29.45	0.881	2.00	Pass
	HCH	30.39	-1.1	29.29	0.849	2.00	Pass
GPRS 1900	LCH	30.46	-1.1	29.36	0.863	2.00	Pass
	MCH	30.64	-1.1	29.54	0.899	2.00	Pass
	HCH	30.58	-1.1	29.48	0.887	2.00	Pass
EGPRS 1900	LCH	29.46	-1.1	28.36	0.685	2.00	Pass
	MCH	29.50	-1.1	28.40	0.692	2.00	Pass
	HCH	29.29	-1.1	28.19	0.659	2.00	Pass

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

Note 2: ERP/EIRP = P_{Meas} + GT − LC

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

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

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

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

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

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

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

GPRS Conducted Output Power

Band	Channel	Conducted Output Peak Power							
		1 Slot (dBm)	1 Slot (W)	2 Slots (dBm)	2 Slots (W)	3 Slots (dBm)	3 Slots (W)	4 Slots (dBm)	4 Slots (W)
GPRS 850	LCH	33.32	2.148	30.10	1.022	28.69	0.740	26.91	0.491
	MCH	33.23	2.104	29.98	0.996	28.57	0.720	26.82	0.481
	HCH	33.23	2.104	30.05	1.012	28.65	0.732	26.85	0.484
GPRS 1900	LCH	30.46	1.112	27.45	0.555	26.10	0.407	24.48	0.280
	MCH	30.64	1.159	27.45	0.555	26.04	0.401	24.42	0.277
	HCH	30.58	1.143	27.45	0.555	26.23	0.419	24.38	0.274

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	30.23	1.054	28.08	0.643	26.58	0.455	25.10	0.324
	MCH	30.38	1.091	28.13	0.649	26.60	0.457	25.16	0.328
	HCH	30.31	1.074	28.23	0.665	26.55	0.452	25.16	0.328
EGPRS 1900	LCH	29.46	0.883	28.48	0.704	27.05	0.507	25.52	0.356
	MCH	29.50	0.891	28.45	0.699	27.12	0.515	25.63	0.366
	HCH	29.29	0.849	28.31	0.677	26.90	0.490	25.44	0.350

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	23.94	-1.1	22.84	0.192	2.00	Pass
	MCH	24.02	-1.1	22.92	0.196	2.00	Pass
	HCH	23.98	-1.1	22.88	0.194	2.00	Pass
HSDPA Band 2	LCH	23.23	-1.1	22.13	0.163	2.00	Pass
	MCH	23.27	-1.1	22.17	0.165	2.00	Pass
	HCH	23.22	-1.1	22.12	0.163	2.00	Pass
HSUPA Band 2	LCH	23.32	-1.1	22.22	0.167	2.00	Pass
	MCH	23.38	-1.1	22.28	0.169	2.00	Pass
	HCH	23.26	-1.1	22.16	0.164	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	24.36	1.4	25.76	0.377	1.00	Pass
	MCH	24.46	1.4	25.86	0.385	1.00	Pass
	HCH	24.37	1.4	25.77	0.378	1.00	Pass
HSDPA Band 4	LCH	23.46	1.4	24.86	0.306	1.00	Pass
	MCH	23.58	1.4	24.98	0.315	1.00	Pass
	HCH	23.59	1.4	24.99	0.316	1.00	Pass
HSUPA Band 4	LCH	23.40	1.4	24.80	0.302	1.00	Pass
	MCH	23.49	1.4	24.89	0.308	1.00	Pass
	HCH	23.50	1.4	24.90	0.309	1.00	Pass

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
WCDMA Band 5	LCH	23.97	-4.3	-6.45	17.52	0.056	7.00	Pass
	MCH	23.93	-4.3	-6.45	17.48	0.056	7.00	Pass
	HCH	24.00	-4.3	-6.45	17.55	0.057	7.00	Pass
HSDPA Band 5	LCH	23.18	-4.3	-6.45	16.73	0.047	7.00	Pass
	MCH	23.13	-4.3	-6.45	16.68	0.047	7.00	Pass
	HCH	23.20	-4.3	-6.45	16.75	0.047	7.00	Pass
HSUPA Band 5	LCH	23.14	-4.3	-6.45	16.69	0.047	7.00	Pass
	MCH	23.13	-4.3	-6.45	16.68	0.047	7.00	Pass
	HCH	23.18	-4.3	-6.45	16.73	0.047	7.00	Pass

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

Note 2: ERP/EIRP = P_{Meas} + GT − LC

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

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

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

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

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

HSDPA Conducted Output Power

Band	Channel	Conducted Output Average Power							
		Subtest1		Subtest2		Subtest3		Subtest4	
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)
HSDPA Band 2	LCH	23.23	0.210	23.23	0.210	22.73	0.187	22.73	0.187
	MCH	23.27	0.212	23.27	0.212	22.78	0.190	22.78	0.190
	HCH	23.22	0.210	23.20	0.209	22.71	0.187	22.73	0.187
HSDPA Band 4	LCH	23.46	0.222	23.46	0.222	22.98	0.199	22.94	0.197
	MCH	23.55	0.226	23.58	0.228	23.06	0.202	23.05	0.202
	HCH	23.57	0.228	23.59	0.229	23.06	0.202	23.07	0.203
HSDPA Band 5	LCH	23.15	0.207	23.18	0.208	22.65	0.184	22.65	0.184
	MCH	23.13	0.206	23.11	0.205	22.60	0.182	22.60	0.182
	HCH	23.18	0.208	23.20	0.209	22.67	0.185	22.69	0.186

HSUPA Conducted Output Power

Band	Channel	Conducted Output Average Power									
		Subtest1		Subtest2		Subtest3		Subtest4		Subtest5	
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)
HSUPA Band 2	LCH	23.32	0.215	21.35	0.136	22.38	0.173	21.27	0.134	23.20	0.209
	MCH	23.38	0.218	21.30	0.135	22.32	0.171	21.34	0.136	23.28	0.213
	HCH	23.26	0.212	21.30	0.135	22.31	0.170	21.20	0.132	23.23	0.210
HSUPA Band 4	LCH	23.40	0.219	21.41	0.138	22.37	0.173	21.41	0.138	23.36	0.217
	MCH	23.49	0.223	21.49	0.141	22.47	0.177	21.47	0.140	23.43	0.220
	HCH	23.49	0.223	21.45	0.140	22.50	0.178	21.47	0.140	23.50	0.224
HSUPA Band 5	LCH	23.14	0.206	21.15	0.130	22.02	0.159	21.14	0.130	23.14	0.206
	MCH	23.13	0.206	20.98	0.125	22.02	0.159	21.07	0.128	23.04	0.201
	HCH	23.15	0.207	21.23	0.133	22.11	0.163	21.17	0.131	23.18	0.208

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	23.63	-1.1	22.53	0.179	2.00	Pass
			RB1#3	23.71	-1.1	22.61	0.182	2.00	Pass
			RB1#5	23.55	-1.1	22.45	0.176	2.00	Pass
			RB3#0	23.63	-1.1	22.53	0.179	2.00	Pass
			RB3#2	23.65	-1.1	22.55	0.180	2.00	Pass
			RB3#3	23.6	-1.1	22.50	0.178	2.00	Pass
			RB6#0	22.65	-1.1	21.55	0.143	2.00	Pass
		16-QAM	RB1#0	22.63	-1.1	21.53	0.142	2.00	Pass
			RB1#3	22.73	-1.1	21.63	0.146	2.00	Pass
			RB1#5	22.62	-1.1	21.52	0.142	2.00	Pass
			RB3#0	22.91	-1.1	21.81	0.152	2.00	Pass
			RB3#2	22.86	-1.1	21.76	0.150	2.00	Pass
			RB3#3	22.8	-1.1	21.70	0.148	2.00	Pass
			RB6#0	21.85	-1.1	20.75	0.119	2.00	Pass
	MCH	QPSK	RB1#0	23.63	-1.1	22.53	0.179	2.00	Pass
			RB1#3	23.66	-1.1	22.56	0.180	2.00	Pass
			RB1#5	23.56	-1.1	22.46	0.176	2.00	Pass
			RB3#0	23.65	-1.1	22.55	0.180	2.00	Pass
			RB3#2	23.66	-1.1	22.56	0.180	2.00	Pass
			RB3#3	23.61	-1.1	22.51	0.178	2.00	Pass
			RB6#0	22.73	-1.1	21.63	0.146	2.00	Pass
		16-QAM	RB1#0	22.87	-1.1	21.77	0.150	2.00	Pass
			RB1#3	22.91	-1.1	21.81	0.152	2.00	Pass
			RB1#5	22.81	-1.1	21.71	0.148	2.00	Pass
			RB3#0	22.76	-1.1	21.66	0.147	2.00	Pass
			RB3#2	22.81	-1.1	21.71	0.148	2.00	Pass
			RB3#3	22.75	-1.1	21.65	0.146	2.00	Pass
			RB6#0	21.9	-1.1	20.80	0.120	2.00	Pass
	HCH	QPSK	RB1#0	23.62	-1.1	22.52	0.179	2.00	Pass
			RB1#3	23.57	-1.1	22.47	0.177	2.00	Pass
			RB1#5	23.45	-1.1	22.35	0.172	2.00	Pass
			RB3#0	23.57	-1.1	22.47	0.177	2.00	Pass
			RB3#2	23.61	-1.1	22.51	0.178	2.00	Pass
			RB3#3	23.51	-1.1	22.41	0.174	2.00	Pass
			RB6#0	22.63	-1.1	21.53	0.142	2.00	Pass
		16-QAM	RB1#0	23.16	-1.1	22.06	0.161	2.00	Pass
			RB1#3	23.17	-1.1	22.07	0.161	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB1#5	23.07	-1.1	21.97	0.157	2.00	Pass
			RB3#0	22.86	-1.1	21.76	0.150	2.00	Pass
			RB3#2	22.88	-1.1	21.78	0.151	2.00	Pass
			RB3#3	22.84	-1.1	21.74	0.149	2.00	Pass
			RB6#0	21.56	-1.1	20.46	0.111	2.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.73	-1.1	22.63	0.183	2.00	Pass
			RB1#7	23.67	-1.1	22.57	0.181	2.00	Pass
			RB1#14	23.61	-1.1	22.51	0.178	2.00	Pass
			RB8#0	22.82	-1.1	21.72	0.149	2.00	Pass
			RB8#4	22.81	-1.1	21.71	0.148	2.00	Pass
			RB8#7	22.73	-1.1	21.63	0.146	2.00	Pass
			RB15#0	22.78	-1.1	21.68	0.147	2.00	Pass
		16-QAM	RB1#0	22.82	-1.1	21.72	0.149	2.00	Pass
			RB1#7	22.72	-1.1	21.62	0.145	2.00	Pass
			RB1#14	22.6	-1.1	21.50	0.141	2.00	Pass
			RB8#0	21.91	-1.1	20.81	0.121	2.00	Pass
			RB8#4	21.9	-1.1	20.80	0.120	2.00	Pass
			RB8#7	21.8	-1.1	20.70	0.117	2.00	Pass
			RB15#0	21.79	-1.1	20.69	0.117	2.00	Pass
	MCH	QPSK	RB1#0	23.8	-1.1	22.70	0.186	2.00	Pass
			RB1#7	23.82	-1.1	22.72	0.187	2.00	Pass
			RB1#14	23.72	-1.1	22.62	0.183	2.00	Pass
			RB8#0	22.8	-1.1	21.70	0.148	2.00	Pass
			RB8#4	22.85	-1.1	21.75	0.150	2.00	Pass
			RB8#7	22.81	-1.1	21.71	0.148	2.00	Pass
			RB15#0	22.74	-1.1	21.64	0.146	2.00	Pass
		16-QAM	RB1#0	23.26	-1.1	22.16	0.164	2.00	Pass
			RB1#7	23.28	-1.1	22.18	0.165	2.00	Pass
			RB1#14	23.12	-1.1	22.02	0.159	2.00	Pass
			RB8#0	21.8	-1.1	20.70	0.117	2.00	Pass
			RB8#4	21.93	-1.1	20.83	0.121	2.00	Pass
			RB8#7	21.81	-1.1	20.71	0.118	2.00	Pass
			RB15#0	21.8	-1.1	20.70	0.117	2.00	Pass
	HCH	QPSK	RB1#0	23.76	-1.1	22.66	0.185	2.00	Pass
			RB1#7	23.7	-1.1	22.60	0.182	2.00	Pass
			RB1#14	23.6	-1.1	22.50	0.178	2.00	Pass
			RB8#0	22.79	-1.1	21.69	0.148	2.00	Pass
			RB8#4	22.81	-1.1	21.71	0.148	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB8#7	22.71	-1.1	21.61	0.145	2.00	Pass
			RB15#0	22.75	-1.1	21.65	0.146	2.00	Pass
		16-QAM	RB1#0	22.87	-1.1	21.77	0.150	2.00	Pass
			RB1#7	22.79	-1.1	21.69	0.148	2.00	Pass
			RB1#14	22.65	-1.1	21.55	0.143	2.00	Pass
			RB8#0	21.86	-1.1	20.76	0.119	2.00	Pass
			RB8#4	21.89	-1.1	20.79	0.120	2.00	Pass
			RB8#7	21.74	-1.1	20.64	0.116	2.00	Pass
			RB15#0	21.74	-1.1	20.64	0.116	2.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.65	-1.1	22.55	0.180	2.00	Pass
			RB1#13	23.7	-1.1	22.60	0.182	2.00	Pass
			RB1#24	23.59	-1.1	22.49	0.177	2.00	Pass
			RB12#0	22.78	-1.1	21.68	0.147	2.00	Pass
			RB12#6	22.74	-1.1	21.64	0.146	2.00	Pass
			RB12#13	22.68	-1.1	21.58	0.144	2.00	Pass
			RB25#0	22.77	-1.1	21.67	0.147	2.00	Pass
		16-QAM	RB1#0	22.89	-1.1	21.79	0.151	2.00	Pass
			RB1#13	22.88	-1.1	21.78	0.151	2.00	Pass
			RB1#24	22.82	-1.1	21.72	0.149	2.00	Pass
			RB12#0	21.89	-1.1	20.79	0.120	2.00	Pass
			RB12#6	21.91	-1.1	20.81	0.121	2.00	Pass
			RB12#13	21.76	-1.1	20.66	0.116	2.00	Pass
			RB25#0	21.81	-1.1	20.71	0.118	2.00	Pass
	MCH	QPSK	RB1#0	23.74	-1.1	22.64	0.184	2.00	Pass
			RB1#13	23.77	-1.1	22.67	0.185	2.00	Pass
			RB1#24	23.72	-1.1	22.62	0.183	2.00	Pass
			RB12#0	22.78	-1.1	21.68	0.147	2.00	Pass
			RB12#6	22.76	-1.1	21.66	0.147	2.00	Pass
			RB12#13	22.76	-1.1	21.66	0.147	2.00	Pass
			RB25#0	22.71	-1.1	21.61	0.145	2.00	Pass
		16-QAM	RB1#0	23.36	-1.1	22.26	0.168	2.00	Pass
			RB1#13	23.43	-1.1	22.33	0.171	2.00	Pass
			RB1#24	23.27	-1.1	22.17	0.165	2.00	Pass
			RB12#0	21.93	-1.1	20.83	0.121	2.00	Pass
			RB12#6	21.91	-1.1	20.81	0.121	2.00	Pass
			RB12#13	21.95	-1.1	20.85	0.122	2.00	Pass
			RB25#0	21.77	-1.1	20.67	0.117	2.00	Pass
	HCH	QPSK	RB1#0	23.69	-1.1	22.59	0.182	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	23.68	-1.1	22.58	0.181	2.00	Pass
			RB1#24	23.62	-1.1	22.52	0.179	2.00	Pass
			RB12#0	22.82	-1.1	21.72	0.149	2.00	Pass
			RB12#6	22.79	-1.1	21.69	0.148	2.00	Pass
			RB12#13	22.71	-1.1	21.61	0.145	2.00	Pass
			RB25#0	22.73	-1.1	21.63	0.146	2.00	Pass
		16-QAM	RB1#0	22.9	-1.1	21.80	0.151	2.00	Pass
			RB1#13	22.95	-1.1	21.85	0.153	2.00	Pass
			RB1#24	22.78	-1.1	21.68	0.147	2.00	Pass
			RB12#0	21.9	-1.1	20.80	0.120	2.00	Pass
			RB12#6	21.81	-1.1	20.71	0.118	2.00	Pass
			RB12#13	21.76	-1.1	20.66	0.116	2.00	Pass
			RB25#0	21.73	-1.1	20.63	0.116	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.61	-1.1	22.51	0.178	2.00	Pass
			RB1#25	23.67	-1.1	22.57	0.181	2.00	Pass
			RB1#49	23.67	-1.1	22.57	0.181	2.00	Pass
			RB25#0	22.8	-1.1	21.70	0.148	2.00	Pass
			RB25#13	22.81	-1.1	21.71	0.148	2.00	Pass
			RB25#25	22.74	-1.1	21.64	0.146	2.00	Pass
			RB50#0	22.83	-1.1	21.73	0.149	2.00	Pass
		16-QAM	RB1#0	22.73	-1.1	21.63	0.146	2.00	Pass
			RB1#25	22.56	-1.1	21.46	0.140	2.00	Pass
			RB1#49	22.6	-1.1	21.50	0.141	2.00	Pass
			RB25#0	21.82	-1.1	20.72	0.118	2.00	Pass
			RB25#13	21.89	-1.1	20.79	0.120	2.00	Pass
			RB25#25	21.76	-1.1	20.66	0.116	2.00	Pass
			RB50#0	21.8	-1.1	20.70	0.117	2.00	Pass
	MCH	QPSK	RB1#0	23.71	-1.1	22.61	0.182	2.00	Pass
			RB1#25	23.69	-1.1	22.59	0.182	2.00	Pass
			RB1#49	23.62	-1.1	22.52	0.179	2.00	Pass
			RB25#0	22.77	-1.1	21.67	0.147	2.00	Pass
			RB25#13	22.78	-1.1	21.68	0.147	2.00	Pass
			RB25#25	22.79	-1.1	21.69	0.148	2.00	Pass
			RB50#0	22.76	-1.1	21.66	0.147	2.00	Pass
		16-QAM	RB1#0	23.19	-1.1	22.09	0.162	2.00	Pass
			RB1#25	23.2	-1.1	22.10	0.162	2.00	Pass
			RB1#49	23.19	-1.1	22.09	0.162	2.00	Pass
			RB25#0	21.83	-1.1	20.73	0.118	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB25#13	21.8	-1.1	20.70	0.117	2.00	Pass
			RB25#25	21.85	-1.1	20.75	0.119	2.00	Pass
			RB50#0	21.8	-1.1	20.70	0.117	2.00	Pass
	HCH	QPSK	RB1#0	23.68	-1.1	22.58	0.181	2.00	Pass
			RB1#25	23.66	-1.1	22.56	0.180	2.00	Pass
			RB1#49	23.62	-1.1	22.52	0.179	2.00	Pass
			RB25#0	22.7	-1.1	21.60	0.145	2.00	Pass
			RB25#13	22.81	-1.1	21.71	0.148	2.00	Pass
			RB25#25	22.74	-1.1	21.64	0.146	2.00	Pass
			RB50#0	22.74	-1.1	21.64	0.146	2.00	Pass
		16-QAM	RB1#0	22.71	-1.1	21.61	0.145	2.00	Pass
			RB1#25	22.77	-1.1	21.67	0.147	2.00	Pass
			RB1#49	22.69	-1.1	21.59	0.144	2.00	Pass
			RB25#0	21.82	-1.1	20.72	0.118	2.00	Pass
			RB25#13	21.87	-1.1	20.77	0.119	2.00	Pass
			RB25#25	21.81	-1.1	20.71	0.118	2.00	Pass
			RB50#0	21.73	-1.1	20.63	0.116	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	23.49	-1.1	22.39	0.173	2.00	Pass
			RB1#38	23.53	-1.1	22.43	0.175	2.00	Pass
			RB1#74	23.54	-1.1	22.44	0.175	2.00	Pass
			RB36#0	22.56	-1.1	21.46	0.140	2.00	Pass
			RB36#19	22.67	-1.1	21.57	0.144	2.00	Pass
			RB36#39	22.68	-1.1	21.58	0.144	2.00	Pass
			RB75#0	22.64	-1.1	21.54	0.143	2.00	Pass
		16-QAM	RB1#0	22.54	-1.1	21.44	0.139	2.00	Pass
			RB1#38	22.59	-1.1	21.49	0.141	2.00	Pass
			RB1#74	22.57	-1.1	21.47	0.140	2.00	Pass
			RB36#0	21.56	-1.1	20.46	0.111	2.00	Pass
			RB36#19	21.68	-1.1	20.58	0.114	2.00	Pass
			RB36#39	21.67	-1.1	20.57	0.114	2.00	Pass
			RB75#0	21.67	-1.1	20.57	0.114	2.00	Pass
	MCH	QPSK	RB1#0	23.55	-1.1	22.45	0.176	2.00	Pass
			RB1#38	23.6	-1.1	22.50	0.178	2.00	Pass
			RB1#74	23.65	-1.1	22.55	0.180	2.00	Pass
			RB36#0	22.65	-1.1	21.55	0.143	2.00	Pass
			RB36#19	22.62	-1.1	21.52	0.142	2.00	Pass
			RB36#39	22.74	-1.1	21.64	0.146	2.00	Pass
			RB75#0	22.61	-1.1	21.51	0.142	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
		16-QAM	RB1#0	23.02	-1.1	21.92	0.156	2.00	Pass
			RB1#38	23.08	-1.1	21.98	0.158	2.00	Pass
			RB1#74	23.07	-1.1	21.97	0.157	2.00	Pass
			RB36#0	21.71	-1.1	20.61	0.115	2.00	Pass
			RB36#19	21.71	-1.1	20.61	0.115	2.00	Pass
			RB36#39	21.83	-1.1	20.73	0.118	2.00	Pass
			RB75#0	21.68	-1.1	20.58	0.114	2.00	Pass
	HCH	QPSK	RB1#0	23.58	-1.1	22.48	0.177	2.00	Pass
			RB1#38	23.54	-1.1	22.44	0.175	2.00	Pass
			RB1#74	23.6	-1.1	22.50	0.178	2.00	Pass
			RB36#0	22.65	-1.1	21.55	0.143	2.00	Pass
			RB36#19	22.66	-1.1	21.56	0.143	2.00	Pass
			RB36#39	22.66	-1.1	21.56	0.143	2.00	Pass
			RB75#0	22.71	-1.1	21.61	0.145	2.00	Pass
		16-QAM	RB1#0	23.03	-1.1	21.93	0.156	2.00	Pass
			RB1#38	23.05	-1.1	21.95	0.157	2.00	Pass
			RB1#74	23.03	-1.1	21.93	0.156	2.00	Pass
			RB36#0	21.71	-1.1	20.61	0.115	2.00	Pass
			RB36#19	21.65	-1.1	20.55	0.114	2.00	Pass
			RB36#39	21.64	-1.1	20.54	0.113	2.00	Pass
			RB75#0	21.69	-1.1	20.59	0.115	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	23.5	-1.1	22.40	0.174	2.00	Pass
			RB1#50	23.55	-1.1	22.45	0.176	2.00	Pass
			RB1#99	23.61	-1.1	22.51	0.178	2.00	Pass
			RB50#0	22.62	-1.1	21.52	0.142	2.00	Pass
			RB50#25	22.72	-1.1	21.62	0.145	2.00	Pass
			RB50#50	22.68	-1.1	21.58	0.144	2.00	Pass
			RB100#0	22.69	-1.1	21.59	0.144	2.00	Pass
		16-QAM	RB1#0	23.17	-1.1	22.07	0.161	2.00	Pass
			RB1#50	23.13	-1.1	22.03	0.160	2.00	Pass
			RB1#99	23.18	-1.1	22.08	0.161	2.00	Pass
			RB50#0	21.65	-1.1	20.55	0.114	2.00	Pass
			RB50#25	21.73	-1.1	20.63	0.116	2.00	Pass
			RB50#50	21.74	-1.1	20.64	0.116	2.00	Pass
			RB100#0	21.73	-1.1	20.63	0.116	2.00	Pass
	MCH	QPSK	RB1#0	23.62	-1.1	22.52	0.179	2.00	Pass
			RB1#50	23.65	-1.1	22.55	0.180	2.00	Pass
			RB1#99	23.68	-1.1	22.58	0.181	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	22.66	-1.1	21.56	0.143	2.00	Pass
			RB50#25	22.67	-1.1	21.57	0.144	2.00	Pass
			RB50#50	22.74	-1.1	21.64	0.146	2.00	Pass
			RB100#0	22.64	-1.1	21.54	0.143	2.00	Pass
		16-QAM	RB1#0	23.13	-1.1	22.03	0.160	2.00	Pass
			RB1#50	23.09	-1.1	21.99	0.158	2.00	Pass
			RB1#99	23.15	-1.1	22.05	0.160	2.00	Pass
			RB50#0	21.7	-1.1	20.60	0.115	2.00	Pass
			RB50#25	21.7	-1.1	20.60	0.115	2.00	Pass
			RB50#50	21.77	-1.1	20.67	0.117	2.00	Pass
			RB100#0	21.65	-1.1	20.55	0.114	2.00	Pass
	HCH	QPSK	RB1#0	23.47	-1.1	22.37	0.173	2.00	Pass
			RB1#50	23.57	-1.1	22.47	0.177	2.00	Pass
			RB1#99	23.6	-1.1	22.50	0.178	2.00	Pass
			RB50#0	22.65	-1.1	21.55	0.143	2.00	Pass
			RB50#25	22.75	-1.1	21.65	0.146	2.00	Pass
			RB50#50	22.7	-1.1	21.60	0.145	2.00	Pass
			RB100#0	22.73	-1.1	21.63	0.146	2.00	Pass
		16-QAM	RB1#0	22.97	-1.1	21.87	0.154	2.00	Pass
			RB1#50	23	-1.1	21.90	0.155	2.00	Pass
			RB1#99	23.02	-1.1	21.92	0.156	2.00	Pass
			RB50#0	21.65	-1.1	20.55	0.114	2.00	Pass
			RB50#25	21.75	-1.1	20.65	0.116	2.00	Pass
			RB50#50	21.7	-1.1	20.60	0.115	2.00	Pass
			RB100#0	21.7	-1.1	20.60	0.115	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND4									
1.4 MHz	LCH	QPSK	RB1#0	24.02	1.4	25.42	0.348	1.00	Pass
			RB1#3	24.05	1.4	25.45	0.351	1.00	Pass
			RB1#5	24.03	1.4	25.43	0.349	1.00	Pass
			RB3#0	24.12	1.4	25.52	0.356	1.00	Pass
			RB3#2	24.15	1.4	25.55	0.359	1.00	Pass
			RB3#3	24.12	1.4	25.52	0.356	1.00	Pass
			RB6#0	23.17	1.4	24.57	0.286	1.00	Pass
		16-QAM	RB1#0	23.31	1.4	24.71	0.296	1.00	Pass
			RB1#3	23.38	1.4	24.78	0.301	1.00	Pass
			RB1#5	23.32	1.4	24.72	0.296	1.00	Pass
			RB3#0	23.19	1.4	24.59	0.288	1.00	Pass
			RB3#2	23.28	1.4	24.68	0.294	1.00	Pass
			RB3#3	23.19	1.4	24.59	0.288	1.00	Pass
			RB6#0	22.32	1.4	23.72	0.236	1.00	Pass
	MCH	QPSK	RB1#0	24.11	1.4	25.51	0.356	1.00	Pass
			RB1#3	24.16	1.4	25.56	0.360	1.00	Pass
			RB1#5	24.14	1.4	25.54	0.358	1.00	Pass
			RB3#0	24.13	1.4	25.53	0.357	1.00	Pass
			RB3#2	24.17	1.4	25.57	0.361	1.00	Pass
			RB3#3	24.13	1.4	25.53	0.357	1.00	Pass
			RB6#0	23.26	1.4	24.66	0.292	1.00	Pass
		16-QAM	RB1#0	23.65	1.4	25.05	0.320	1.00	Pass
			RB1#3	23.66	1.4	25.06	0.321	1.00	Pass
			RB1#5	23.64	1.4	25.04	0.319	1.00	Pass
			RB3#0	23.41	1.4	24.81	0.303	1.00	Pass
			RB3#2	23.41	1.4	24.81	0.303	1.00	Pass
			RB3#3	23.45	1.4	24.85	0.305	1.00	Pass
			RB6#0	22.11	1.4	23.51	0.224	1.00	Pass
	HCH	QPSK	RB1#0	24.02	1.4	25.42	0.348	1.00	Pass
			RB1#3	24.17	1.4	25.57	0.361	1.00	Pass
			RB1#5	24.08	1.4	25.48	0.353	1.00	Pass
			RB3#0	24.11	1.4	25.51	0.356	1.00	Pass
			RB3#2	24.17	1.4	25.57	0.361	1.00	Pass
			RB3#3	24.1	1.4	25.50	0.355	1.00	Pass
			RB6#0	23.19	1.4	24.59	0.288	1.00	Pass
		16-QAM	RB1#0	23.09	1.4	24.49	0.281	1.00	Pass
			RB1#3	23.28	1.4	24.68	0.294	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	23.14	1.4	24.54	0.284	1.00	Pass
			RB3#0	23.3	1.4	24.70	0.295	1.00	Pass
			RB3#2	23.42	1.4	24.82	0.303	1.00	Pass
			RB3#3	23.34	1.4	24.74	0.298	1.00	Pass
			RB6#0	22.39	1.4	23.79	0.239	1.00	Pass
3 MHz	LCH	QPSK	RB1#0	24.18	1.4	25.58	0.361	1.00	Pass
			RB1#7	24.18	1.4	25.58	0.361	1.00	Pass
			RB1#14	24.15	1.4	25.55	0.359	1.00	Pass
			RB8#0	23.26	1.4	24.66	0.292	1.00	Pass
			RB8#4	23.3	1.4	24.70	0.295	1.00	Pass
			RB8#7	23.28	1.4	24.68	0.294	1.00	Pass
			RB15#0	23.26	1.4	24.66	0.292	1.00	Pass
		16-QAM	RB1#0	23.19	1.4	24.59	0.288	1.00	Pass
			RB1#7	23.2	1.4	24.60	0.288	1.00	Pass
			RB1#14	23.14	1.4	24.54	0.284	1.00	Pass
			RB8#0	22.39	1.4	23.79	0.239	1.00	Pass
			RB8#4	22.39	1.4	23.79	0.239	1.00	Pass
			RB8#7	22.37	1.4	23.77	0.238	1.00	Pass
			RB15#0	22.33	1.4	23.73	0.236	1.00	Pass
	MCH	QPSK	RB1#0	24.21	1.4	25.61	0.364	1.00	Pass
			RB1#7	24.26	1.4	25.66	0.368	1.00	Pass
			RB1#14	24.23	1.4	25.63	0.366	1.00	Pass
			RB8#0	23.26	1.4	24.66	0.292	1.00	Pass
			RB8#4	23.33	1.4	24.73	0.297	1.00	Pass
			RB8#7	23.35	1.4	24.75	0.299	1.00	Pass
			RB15#0	23.27	1.4	24.67	0.293	1.00	Pass
		16-QAM	RB1#0	23.69	1.4	25.09	0.323	1.00	Pass
			RB1#7	23.77	1.4	25.17	0.329	1.00	Pass
			RB1#14	23.72	1.4	25.12	0.325	1.00	Pass
			RB8#0	22.27	1.4	23.67	0.233	1.00	Pass
			RB8#4	22.45	1.4	23.85	0.243	1.00	Pass
			RB8#7	22.33	1.4	23.73	0.236	1.00	Pass
			RB15#0	22.31	1.4	23.71	0.235	1.00	Pass
	HCH	QPSK	RB1#0	24.16	1.4	25.56	0.360	1.00	Pass
			RB1#7	24.2	1.4	25.60	0.363	1.00	Pass
			RB1#14	24.16	1.4	25.56	0.360	1.00	Pass
			RB8#0	23.23	1.4	24.63	0.290	1.00	Pass
			RB8#4	23.28	1.4	24.68	0.294	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	23.23	1.4	24.63	0.290	1.00	Pass
			RB15#0	23.27	1.4	24.67	0.293	1.00	Pass
		16-QAM	RB1#0	23.28	1.4	24.68	0.294	1.00	Pass
			RB1#7	23.26	1.4	24.66	0.292	1.00	Pass
			RB1#14	23.22	1.4	24.62	0.290	1.00	Pass
			RB8#0	22.3	1.4	23.70	0.234	1.00	Pass
			RB8#4	22.36	1.4	23.76	0.238	1.00	Pass
			RB8#7	22.23	1.4	23.63	0.231	1.00	Pass
			RB15#0	22.21	1.4	23.61	0.230	1.00	Pass
5 MHz	LCH	QPSK	RB1#0	24.18	1.4	25.58	0.361	1.00	Pass
			RB1#13	24.17	1.4	25.57	0.361	1.00	Pass
			RB1#24	24.13	1.4	25.53	0.357	1.00	Pass
			RB12#0	23.26	1.4	24.66	0.292	1.00	Pass
			RB12#6	23.3	1.4	24.70	0.295	1.00	Pass
			RB12#13	23.24	1.4	24.64	0.291	1.00	Pass
			RB25#0	23.29	1.4	24.69	0.294	1.00	Pass
		16-QAM	RB1#0	23.44	1.4	24.84	0.305	1.00	Pass
			RB1#13	23.46	1.4	24.86	0.306	1.00	Pass
			RB1#24	23.37	1.4	24.77	0.300	1.00	Pass
			RB12#0	22.37	1.4	23.77	0.238	1.00	Pass
			RB12#6	22.36	1.4	23.76	0.238	1.00	Pass
			RB12#13	22.32	1.4	23.72	0.236	1.00	Pass
			RB25#0	22.34	1.4	23.74	0.237	1.00	Pass
	MCH	QPSK	RB1#0	24.17	1.4	25.57	0.361	1.00	Pass
			RB1#13	24.26	1.4	25.66	0.368	1.00	Pass
			RB1#24	24.29	1.4	25.69	0.371	1.00	Pass
			RB12#0	23.27	1.4	24.67	0.293	1.00	Pass
			RB12#6	23.29	1.4	24.69	0.294	1.00	Pass
			RB12#13	23.37	1.4	24.77	0.300	1.00	Pass
			RB25#0	23.23	1.4	24.63	0.290	1.00	Pass
		16-QAM	RB1#0	23.75	1.4	25.15	0.327	1.00	Pass
			RB1#13	23.93	1.4	25.33	0.341	1.00	Pass
			RB1#24	23.85	1.4	25.25	0.335	1.00	Pass
			RB12#0	22.43	1.4	23.83	0.242	1.00	Pass
			RB12#6	22.42	1.4	23.82	0.241	1.00	Pass
			RB12#13	22.47	1.4	23.87	0.244	1.00	Pass
			RB25#0	22.3	1.4	23.70	0.234	1.00	Pass
	HCH	QPSK	RB1#0	24.19	1.4	25.59	0.362	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	24.23	1.4	25.63	0.366	1.00	Pass
			RB1#24	24.18	1.4	25.58	0.361	1.00	Pass
			RB12#0	23.31	1.4	24.71	0.296	1.00	Pass
			RB12#6	23.28	1.4	24.68	0.294	1.00	Pass
			RB12#13	23.27	1.4	24.67	0.293	1.00	Pass
			RB25#0	23.28	1.4	24.68	0.294	1.00	Pass
		16-QAM	RB1#0	23.39	1.4	24.79	0.301	1.00	Pass
			RB1#13	23.45	1.4	24.85	0.305	1.00	Pass
			RB1#24	23.36	1.4	24.76	0.299	1.00	Pass
			RB12#0	22.36	1.4	23.76	0.238	1.00	Pass
			RB12#6	22.37	1.4	23.77	0.238	1.00	Pass
			RB12#13	22.35	1.4	23.75	0.237	1.00	Pass
			RB25#0	22.25	1.4	23.65	0.232	1.00	Pass
10 MHz	LCH	QPSK	RB1#0	24.18	1.4	25.58	0.361	1.00	Pass
			RB1#25	24.13	1.4	25.53	0.357	1.00	Pass
			RB1#49	24.12	1.4	25.52	0.356	1.00	Pass
			RB25#0	23.29	1.4	24.69	0.294	1.00	Pass
			RB25#13	23.31	1.4	24.71	0.296	1.00	Pass
			RB25#25	23.28	1.4	24.68	0.294	1.00	Pass
			RB50#0	23.33	1.4	24.73	0.297	1.00	Pass
		16-QAM	RB1#0	23.18	1.4	24.58	0.287	1.00	Pass
			RB1#25	23.16	1.4	24.56	0.286	1.00	Pass
			RB1#49	23.09	1.4	24.49	0.281	1.00	Pass
			RB25#0	22.32	1.4	23.72	0.236	1.00	Pass
			RB25#13	22.39	1.4	23.79	0.239	1.00	Pass
			RB25#25	22.31	1.4	23.71	0.235	1.00	Pass
			RB50#0	22.31	1.4	23.71	0.235	1.00	Pass
	MCH	QPSK	RB1#0	24.13	1.4	25.53	0.357	1.00	Pass
			RB1#25	24.22	1.4	25.62	0.365	1.00	Pass
			RB1#49	24.18	1.4	25.58	0.361	1.00	Pass
			RB25#0	23.29	1.4	24.69	0.294	1.00	Pass
			RB25#13	23.33	1.4	24.73	0.297	1.00	Pass
			RB25#25	23.34	1.4	24.74	0.298	1.00	Pass
			RB50#0	23.29	1.4	24.69	0.294	1.00	Pass
		16-QAM	RB1#0	23.64	1.4	25.04	0.319	1.00	Pass
			RB1#25	23.73	1.4	25.13	0.326	1.00	Pass
			RB1#49	23.66	1.4	25.06	0.321	1.00	Pass
			RB25#0	22.34	1.4	23.74	0.237	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	22.32	1.4	23.72	0.236	1.00	Pass
			RB25#25	22.42	1.4	23.82	0.241	1.00	Pass
			RB50#0	22.31	1.4	23.71	0.235	1.00	Pass
	HCH	QPSK	RB1#0	24.17	1.4	25.57	0.361	1.00	Pass
			RB1#25	24.17	1.4	25.57	0.361	1.00	Pass
			RB1#49	24.1	1.4	25.50	0.355	1.00	Pass
			RB25#0	23.32	1.4	24.72	0.296	1.00	Pass
			RB25#13	23.35	1.4	24.75	0.299	1.00	Pass
			RB25#25	23.28	1.4	24.68	0.294	1.00	Pass
			RB50#0	23.34	1.4	24.74	0.298	1.00	Pass
		16-QAM	RB1#0	23.3	1.4	24.70	0.295	1.00	Pass
			RB1#25	23.27	1.4	24.67	0.293	1.00	Pass
			RB1#49	23.16	1.4	24.56	0.286	1.00	Pass
			RB25#0	22.43	1.4	23.83	0.242	1.00	Pass
			RB25#13	22.44	1.4	23.84	0.242	1.00	Pass
			RB25#25	22.35	1.4	23.75	0.237	1.00	Pass
			RB50#0	22.33	1.4	23.73	0.236	1.00	Pass
15 MHz	LCH	QPSK	RB1#0	24.02	1.4	25.42	0.348	1.00	Pass
			RB1#38	24.02	1.4	25.42	0.348	1.00	Pass
			RB1#74	24.04	1.4	25.44	0.350	1.00	Pass
			RB36#0	23.17	1.4	24.57	0.286	1.00	Pass
			RB36#19	23.17	1.4	24.57	0.286	1.00	Pass
			RB36#39	23.14	1.4	24.54	0.284	1.00	Pass
			RB75#0	23.15	1.4	24.55	0.285	1.00	Pass
		16-QAM	RB1#0	23.09	1.4	24.49	0.281	1.00	Pass
			RB1#38	23.08	1.4	24.48	0.281	1.00	Pass
			RB1#74	23.05	1.4	24.45	0.279	1.00	Pass
			RB36#0	22.2	1.4	23.60	0.229	1.00	Pass
			RB36#19	22.18	1.4	23.58	0.228	1.00	Pass
			RB36#39	22.17	1.4	23.57	0.228	1.00	Pass
			RB75#0	22.17	1.4	23.57	0.228	1.00	Pass
	MCH	QPSK	RB1#0	24.1	1.4	25.50	0.355	1.00	Pass
			RB1#38	24.09	1.4	25.49	0.354	1.00	Pass
			RB1#74	24.12	1.4	25.52	0.356	1.00	Pass
			RB36#0	23.14	1.4	24.54	0.284	1.00	Pass
			RB36#19	23.2	1.4	24.60	0.288	1.00	Pass
			RB36#39	23.24	1.4	24.64	0.291	1.00	Pass
			RB75#0	23.14	1.4	24.54	0.284	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND4									
		16-QAM	RB1#0	23.51	1.4	24.91	0.310	1.00	Pass
			RB1#38	23.59	1.4	24.99	0.316	1.00	Pass
			RB1#74	23.55	1.4	24.95	0.313	1.00	Pass
			RB36#0	22.21	1.4	23.61	0.230	1.00	Pass
			RB36#19	22.23	1.4	23.63	0.231	1.00	Pass
			RB36#39	22.31	1.4	23.71	0.235	1.00	Pass
			RB75#0	22.16	1.4	23.56	0.227	1.00	Pass
	HCH	QPSK	RB1#0	24.11	1.4	25.51	0.356	1.00	Pass
			RB1#38	24.1	1.4	25.50	0.355	1.00	Pass
			RB1#74	24.1	1.4	25.50	0.355	1.00	Pass
			RB36#0	23.14	1.4	24.54	0.284	1.00	Pass
			RB36#19	23.22	1.4	24.62	0.290	1.00	Pass
			RB36#39	23.18	1.4	24.58	0.287	1.00	Pass
			RB75#0	23.1	1.4	24.50	0.282	1.00	Pass
		16-QAM	RB1#0	23.49	1.4	24.89	0.308	1.00	Pass
			RB1#38	23.59	1.4	24.99	0.316	1.00	Pass
			RB1#74	23.57	1.4	24.97	0.314	1.00	Pass
			RB36#0	22.11	1.4	23.51	0.224	1.00	Pass
			RB36#19	22.22	1.4	23.62	0.230	1.00	Pass
			RB36#39	22.15	1.4	23.55	0.226	1.00	Pass
			RB75#0	22.06	1.4	23.46	0.222	1.00	Pass
20 MHz	LCH	QPSK	RB1#0	24.06	1.4	25.46	0.352	1.00	Pass
			RB1#50	24.06	1.4	25.46	0.352	1.00	Pass
			RB1#99	24.13	1.4	25.53	0.357	1.00	Pass
			RB50#0	23.14	1.4	24.54	0.284	1.00	Pass
			RB50#25	23.21	1.4	24.61	0.289	1.00	Pass
			RB50#50	23.2	1.4	24.60	0.288	1.00	Pass
			RB100#0	23.21	1.4	24.61	0.289	1.00	Pass
		16-QAM	RB1#0	23.69	1.4	25.09	0.323	1.00	Pass
			RB1#50	23.64	1.4	25.04	0.319	1.00	Pass
			RB1#99	23.67	1.4	25.07	0.321	1.00	Pass
			RB50#0	22.16	1.4	23.56	0.227	1.00	Pass
			RB50#25	22.23	1.4	23.63	0.231	1.00	Pass
			RB50#50	22.25	1.4	23.65	0.232	1.00	Pass
			RB100#0	22.25	1.4	23.65	0.232	1.00	Pass
	MCH	QPSK	RB1#0	24.14	1.4	25.54	0.358	1.00	Pass
			RB1#50	24.17	1.4	25.57	0.361	1.00	Pass
			RB1#99	24.17	1.4	25.57	0.361	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	23.18	1.4	24.58	0.287	1.00	Pass
			RB50#25	23.19	1.4	24.59	0.288	1.00	Pass
			RB50#50	23.25	1.4	24.65	0.292	1.00	Pass
			RB100#0	23.18	1.4	24.58	0.287	1.00	Pass
		16-QAM	RB1#0	23.64	1.4	25.04	0.319	1.00	Pass
			RB1#50	23.63	1.4	25.03	0.318	1.00	Pass
			RB1#99	23.64	1.4	25.04	0.319	1.00	Pass
			RB50#0	22.2	1.4	23.60	0.229	1.00	Pass
			RB50#25	22.21	1.4	23.61	0.230	1.00	Pass
			RB50#50	22.26	1.4	23.66	0.232	1.00	Pass
			RB100#0	22.15	1.4	23.55	0.226	1.00	Pass
	HCH	QPSK	RB1#0	24.08	1.4	25.48	0.353	1.00	Pass
			RB1#50	24.05	1.4	25.45	0.351	1.00	Pass
			RB1#99	24.07	1.4	25.47	0.352	1.00	Pass
			RB50#0	23.17	1.4	24.57	0.286	1.00	Pass
			RB50#25	23.16	1.4	24.56	0.286	1.00	Pass
			RB50#50	23.18	1.4	24.58	0.287	1.00	Pass
			RB100#0	23.12	1.4	24.52	0.283	1.00	Pass
		16-QAM	RB1#0	23.54	1.4	24.94	0.312	1.00	Pass
			RB1#50	23.48	1.4	24.88	0.308	1.00	Pass
			RB1#99	23.46	1.4	24.86	0.306	1.00	Pass
			RB50#0	22.12	1.4	23.52	0.225	1.00	Pass
			RB50#25	22.1	1.4	23.50	0.224	1.00	Pass
			RB50#50	22.17	1.4	23.57	0.228	1.00	Pass
			RB100#0	22.11	1.4	23.51	0.224	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	23.99	-4.3	-6.45	17.54	0.057	7.00	Pass
			RB1#3	24.06	-4.3	-6.45	17.61	0.058	7.00	Pass
			RB1#5	23.99	-4.3	-6.45	17.54	0.057	7.00	Pass
			RB3#0	23.98	-4.3	-6.45	17.53	0.057	7.00	Pass
			RB3#2	24.06	-4.3	-6.45	17.61	0.058	7.00	Pass
			RB3#3	24.01	-4.3	-6.45	17.56	0.057	7.00	Pass
			RB6#0	23.04	-4.3	-6.45	16.59	0.046	7.00	Pass
		16-QAM	RB1#0	22.97	-4.3	-6.45	16.52	0.045	7.00	Pass
			RB1#3	23.1	-4.3	-6.45	16.65	0.046	7.00	Pass
			RB1#5	22.98	-4.3	-6.45	16.53	0.045	7.00	Pass
			RB3#0	23.23	-4.3	-6.45	16.78	0.048	7.00	Pass
			RB3#2	23.22	-4.3	-6.45	16.77	0.048	7.00	Pass
			RB3#3	23.19	-4.3	-6.45	16.74	0.047	7.00	Pass
			RB6#0	22.23	-4.3	-6.45	15.78	0.038	7.00	Pass
	MCH	QPSK	RB1#0	24.04	-4.3	-6.45	17.59	0.057	7.00	Pass
			RB1#3	24.13	-4.3	-6.45	17.68	0.059	7.00	Pass
			RB1#5	24.01	-4.3	-6.45	17.56	0.057	7.00	Pass
			RB3#0	24.02	-4.3	-6.45	17.57	0.057	7.00	Pass
			RB3#2	24.12	-4.3	-6.45	17.67	0.058	7.00	Pass
			RB3#3	24.06	-4.3	-6.45	17.61	0.058	7.00	Pass
			RB6#0	23.05	-4.3	-6.45	16.60	0.046	7.00	Pass
		16-QAM	RB1#0	23.27	-4.3	-6.45	16.82	0.048	7.00	Pass
			RB1#3	23.36	-4.3	-6.45	16.91	0.049	7.00	Pass
			RB1#5	23.29	-4.3	-6.45	16.84	0.048	7.00	Pass
			RB3#0	23.12	-4.3	-6.45	16.67	0.046	7.00	Pass
			RB3#2	23.32	-4.3	-6.45	16.87	0.049	7.00	Pass
			RB3#3	23.23	-4.3	-6.45	16.78	0.048	7.00	Pass
			RB6#0	22.23	-4.3	-6.45	15.78	0.038	7.00	Pass
	HCH	QPSK	RB1#0	24.16	-4.3	-6.45	17.71	0.059	7.00	Pass
			RB1#3	24.22	-4.3	-6.45	17.77	0.060	7.00	Pass
			RB1#5	24.15	-4.3	-6.45	17.70	0.059	7.00	Pass
			RB3#0	24.17	-4.3	-6.45	17.72	0.059	7.00	Pass
			RB3#2	24.2	-4.3	-6.45	17.75	0.060	7.00	Pass
			RB3#3	24.14	-4.3	-6.45	17.69	0.059	7.00	Pass
			RB6#0	23.25	-4.3	-6.45	16.80	0.048	7.00	Pass
		16-QAM	RB1#0	23.71	-4.3	-6.45	17.26	0.053	7.00	Pass
			RB1#3	23.69	-4.3	-6.45	17.24	0.053	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB1#5	23.73	-4.3	-6.45	17.28	0.053	7.00	Pass
			RB3#0	23.43	-4.3	-6.45	16.98	0.050	7.00	Pass
			RB3#2	23.38	-4.3	-6.45	16.93	0.049	7.00	Pass
			RB3#3	23.45	-4.3	-6.45	17.00	0.050	7.00	Pass
			RB6#0	22.17	-4.3	-6.45	15.72	0.037	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	24.04	-4.3	-6.45	17.59	0.057	7.00	Pass
			RB1#7	24.04	-4.3	-6.45	17.59	0.057	7.00	Pass
			RB1#14	23.97	-4.3	-6.45	17.52	0.056	7.00	Pass
			RB8#0	23.16	-4.3	-6.45	16.71	0.047	7.00	Pass
			RB8#4	23.12	-4.3	-6.45	16.67	0.046	7.00	Pass
			RB8#7	23.12	-4.3	-6.45	16.67	0.046	7.00	Pass
			RB15#0	23.12	-4.3	-6.45	16.67	0.046	7.00	Pass
		16-QAM	RB1#0	23.13	-4.3	-6.45	16.68	0.047	7.00	Pass
			RB1#7	23.06	-4.3	-6.45	16.61	0.046	7.00	Pass
			RB1#14	23.02	-4.3	-6.45	16.57	0.045	7.00	Pass
			RB8#0	22.24	-4.3	-6.45	15.79	0.038	7.00	Pass
			RB8#4	22.25	-4.3	-6.45	15.80	0.038	7.00	Pass
			RB8#7	22.21	-4.3	-6.45	15.76	0.038	7.00	Pass
			RB15#0	22.17	-4.3	-6.45	15.72	0.037	7.00	Pass
	MCH	QPSK	RB1#0	24.21	-4.3	-6.45	17.76	0.060	7.00	Pass
			RB1#7	24.22	-4.3	-6.45	17.77	0.060	7.00	Pass
			RB1#14	24.18	-4.3	-6.45	17.73	0.059	7.00	Pass
			RB8#0	23.21	-4.3	-6.45	16.76	0.047	7.00	Pass
			RB8#4	23.11	-4.3	-6.45	16.66	0.046	7.00	Pass
			RB8#7	23.25	-4.3	-6.45	16.80	0.048	7.00	Pass
			RB15#0	23.15	-4.3	-6.45	16.70	0.047	7.00	Pass
		16-QAM	RB1#0	23.73	-4.3	-6.45	17.28	0.053	7.00	Pass
			RB1#7	23.68	-4.3	-6.45	17.23	0.053	7.00	Pass
			RB1#14	23.66	-4.3	-6.45	17.21	0.053	7.00	Pass
			RB8#0	22.15	-4.3	-6.45	15.70	0.037	7.00	Pass
			RB8#4	22.25	-4.3	-6.45	15.80	0.038	7.00	Pass
			RB8#7	22.22	-4.3	-6.45	15.77	0.038	7.00	Pass
			RB15#0	22.2	-4.3	-6.45	15.75	0.038	7.00	Pass
	HCH	QPSK	RB1#0	24.22	-4.3	-6.45	17.77	0.060	7.00	Pass
			RB1#7	24.29	-4.3	-6.45	17.84	0.061	7.00	Pass
			RB1#14	24.35	-4.3	-6.45	17.90	0.062	7.00	Pass
			RB8#0	23.27	-4.3	-6.45	16.82	0.048	7.00	Pass
			RB8#4	23.35	-4.3	-6.45	16.90	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 BAND5										
			RB8#7	23.27	-4.3	-6.45	16.82	0.048	7.00	Pass
			RB15#0	23.26	-4.3	-6.45	16.81	0.048	7.00	Pass
		16-QAM	RB1#0	23.38	-4.3	-6.45	16.93	0.049	7.00	Pass
			RB1#7	23.37	-4.3	-6.45	16.92	0.049	7.00	Pass
			RB1#14	23.4	-4.3	-6.45	16.95	0.050	7.00	Pass
			RB8#0	22.31	-4.3	-6.45	15.86	0.039	7.00	Pass
			RB8#4	22.43	-4.3	-6.45	15.98	0.040	7.00	Pass
			RB8#7	22.36	-4.3	-6.45	15.91	0.039	7.00	Pass
			RB15#0	22.27	-4.3	-6.45	15.82	0.038	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.7	-4.3	-6.45	17.25	0.053	7.00	Pass
			RB1#13	23.66	-4.3	-6.45	17.21	0.053	7.00	Pass
			RB1#24	23.57	-4.3	-6.45	17.12	0.052	7.00	Pass
			RB12#0	22.74	-4.3	-6.45	16.29	0.043	7.00	Pass
			RB12#6	22.72	-4.3	-6.45	16.27	0.042	7.00	Pass
			RB12#13	22.66	-4.3	-6.45	16.21	0.042	7.00	Pass
			RB25#0	22.75	-4.3	-6.45	16.30	0.043	7.00	Pass
		16-QAM	RB1#0	22.93	-4.3	-6.45	16.48	0.044	7.00	Pass
			RB1#13	22.8	-4.3	-6.45	16.35	0.043	7.00	Pass
			RB1#24	22.82	-4.3	-6.45	16.37	0.043	7.00	Pass
			RB12#0	21.84	-4.3	-6.45	15.39	0.035	7.00	Pass
			RB12#6	21.78	-4.3	-6.45	15.33	0.034	7.00	Pass
			RB12#13	21.77	-4.3	-6.45	15.32	0.034	7.00	Pass
			RB25#0	21.78	-4.3	-6.45	15.33	0.034	7.00	Pass
	MCH	QPSK	RB1#0	23.75	-4.3	-6.45	17.30	0.054	7.00	Pass
			RB1#13	23.7	-4.3	-6.45	17.25	0.053	7.00	Pass
			RB1#24	23.7	-4.3	-6.45	17.25	0.053	7.00	Pass
			RB12#0	22.71	-4.3	-6.45	16.26	0.042	7.00	Pass
			RB12#6	22.7	-4.3	-6.45	16.25	0.042	7.00	Pass
			RB12#13	22.77	-4.3	-6.45	16.32	0.043	7.00	Pass
			RB25#0	22.69	-4.3	-6.45	16.24	0.042	7.00	Pass
		16-QAM	RB1#0	23.31	-4.3	-6.45	16.86	0.049	7.00	Pass
			RB1#13	23.33	-4.3	-6.45	16.88	0.049	7.00	Pass
			RB1#24	23.27	-4.3	-6.45	16.82	0.048	7.00	Pass
			RB12#0	21.84	-4.3	-6.45	15.39	0.035	7.00	Pass
			RB12#6	21.84	-4.3	-6.45	15.39	0.035	7.00	Pass
			RB12#13	21.88	-4.3	-6.45	15.43	0.035	7.00	Pass
			RB25#0	21.78	-4.3	-6.45	15.33	0.034	7.00	Pass
	HCH	QPSK	RB1#0	23.72	-4.3	-6.45	17.27	0.053	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB1#13	23.71	-4.3	-6.45	17.26	0.053	7.00	Pass
			RB1#24	23.71	-4.3	-6.45	17.26	0.053	7.00	Pass
			RB12#0	22.75	-4.3	-6.45	16.30	0.043	7.00	Pass
			RB12#6	22.74	-4.3	-6.45	16.29	0.043	7.00	Pass
			RB12#13	22.82	-4.3	-6.45	16.37	0.043	7.00	Pass
			RB25#0	22.75	-4.3	-6.45	16.30	0.043	7.00	Pass
		16-QAM	RB1#0	22.86	-4.3	-6.45	16.41	0.044	7.00	Pass
			RB1#13	22.9	-4.3	-6.45	16.45	0.044	7.00	Pass
			RB1#24	22.89	-4.3	-6.45	16.44	0.044	7.00	Pass
			RB12#0	21.82	-4.3	-6.45	15.37	0.034	7.00	Pass
			RB12#6	21.79	-4.3	-6.45	15.34	0.034	7.00	Pass
			RB12#13	21.91	-4.3	-6.45	15.46	0.035	7.00	Pass
			RB25#0	21.71	-4.3	-6.45	15.26	0.034	7.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.6	-4.3	-6.45	17.15	0.052	7.00	Pass
			RB1#25	23.58	-4.3	-6.45	17.13	0.052	7.00	Pass
			RB1#49	23.58	-4.3	-6.45	17.13	0.052	7.00	Pass
			RB25#0	22.72	-4.3	-6.45	16.27	0.042	7.00	Pass
			RB25#13	22.76	-4.3	-6.45	16.31	0.043	7.00	Pass
			RB25#25	22.76	-4.3	-6.45	16.31	0.043	7.00	Pass
			RB50#0	22.76	-4.3	-6.45	16.31	0.043	7.00	Pass
		16-QAM	RB1#0	22.68	-4.3	-6.45	16.23	0.042	7.00	Pass
			RB1#25	22.66	-4.3	-6.45	16.21	0.042	7.00	Pass
			RB1#49	22.6	-4.3	-6.45	16.15	0.041	7.00	Pass
			RB25#0	21.74	-4.3	-6.45	15.29	0.034	7.00	Pass
			RB25#13	21.82	-4.3	-6.45	15.37	0.034	7.00	Pass
			RB25#25	21.78	-4.3	-6.45	15.33	0.034	7.00	Pass
			RB50#0	21.78	-4.3	-6.45	15.33	0.034	7.00	Pass
	MCH	QPSK	RB1#0	23.63	-4.3	-6.45	17.18	0.052	7.00	Pass
			RB1#25	23.64	-4.3	-6.45	17.19	0.052	7.00	Pass
			RB1#49	23.61	-4.3	-6.45	17.16	0.052	7.00	Pass
			RB25#0	22.73	-4.3	-6.45	16.28	0.042	7.00	Pass
			RB25#13	22.75	-4.3	-6.45	16.30	0.043	7.00	Pass
			RB25#25	22.75	-4.3	-6.45	16.30	0.043	7.00	Pass
			RB50#0	22.75	-4.3	-6.45	16.30	0.043	7.00	Pass
		16-QAM	RB1#0	23.15	-4.3	-6.45	16.70	0.047	7.00	Pass
			RB1#25	23.17	-4.3	-6.45	16.72	0.047	7.00	Pass
			RB1#49	23.12	-4.3	-6.45	16.67	0.046	7.00	Pass
			RB25#0	21.78	-4.3	-6.45	15.33	0.034	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	21.79	-4.3	-6.45	15.34	0.034	7.00	Pass
			RB25#25	21.83	-4.3	-6.45	15.38	0.035	7.00	Pass
			RB50#0	21.75	-4.3	-6.45	15.30	0.034	7.00	Pass
	HCH	QPSK	RB1#0	23.66	-4.3	-6.45	17.21	0.053	7.00	Pass
			RB1#25	23.67	-4.3	-6.45	17.22	0.053	7.00	Pass
			RB1#49	23.66	-4.3	-6.45	17.21	0.053	7.00	Pass
			RB25#0	22.72	-4.3	-6.45	16.27	0.042	7.00	Pass
			RB25#13	22.73	-4.3	-6.45	16.28	0.042	7.00	Pass
			RB25#25	22.81	-4.3	-6.45	16.36	0.043	7.00	Pass
			RB50#0	22.78	-4.3	-6.45	16.33	0.043	7.00	Pass
		16-QAM	RB1#0	22.72	-4.3	-6.45	16.27	0.042	7.00	Pass
			RB1#25	22.75	-4.3	-6.45	16.30	0.043	7.00	Pass
			RB1#49	22.72	-4.3	-6.45	16.27	0.042	7.00	Pass
			RB25#0	21.84	-4.3	-6.45	15.39	0.035	7.00	Pass
			RB25#13	21.83	-4.3	-6.45	15.38	0.035	7.00	Pass
			RB25#25	21.9	-4.3	-6.45	15.45	0.035	7.00	Pass
			RB50#0	21.79	-4.3	-6.45	15.34	0.034	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	24.52	-0.4	24.12	0.258	2.00	Pass
			RB1#13	24.62	-0.4	24.22	0.264	2.00	Pass
			RB1#24	24.54	-0.4	24.14	0.259	2.00	Pass
			RB12#0	23.65	-0.4	23.25	0.211	2.00	Pass
			RB12#6	23.72	-0.4	23.32	0.215	2.00	Pass
			RB12#13	23.67	-0.4	23.27	0.212	2.00	Pass
			RB25#0	23.66	-0.4	23.26	0.212	2.00	Pass
		16-QAM	RB1#0	23.75	-0.4	23.35	0.216	2.00	Pass
			RB1#13	23.89	-0.4	23.49	0.223	2.00	Pass
			RB1#24	23.8	-0.4	23.40	0.219	2.00	Pass
			RB12#0	22.69	-0.4	22.29	0.169	2.00	Pass
			RB12#6	22.79	-0.4	22.39	0.173	2.00	Pass
			RB12#13	22.79	-0.4	22.39	0.173	2.00	Pass
			RB25#0	22.74	-0.4	22.34	0.171	2.00	Pass
	MCH	QPSK	RB1#0	24.75	-0.4	24.35	0.272	2.00	Pass
			RB1#13	24.81	-0.4	24.41	0.276	2.00	Pass
			RB1#24	24.75	-0.4	24.35	0.272	2.00	Pass
			RB12#0	23.73	-0.4	23.33	0.215	2.00	Pass
			RB12#6	23.84	-0.4	23.44	0.221	2.00	Pass
			RB12#13	23.86	-0.4	23.46	0.222	2.00	Pass
			RB25#0	23.83	-0.4	23.43	0.220	2.00	Pass
		16-QAM	RB1#0	24.3	-0.4	23.90	0.245	2.00	Pass
			RB1#13	24.45	-0.4	24.05	0.254	2.00	Pass
			RB1#24	24.37	-0.4	23.97	0.249	2.00	Pass
			RB12#0	22.89	-0.4	22.49	0.177	2.00	Pass
			RB12#6	23.01	-0.4	22.61	0.182	2.00	Pass
			RB12#13	22.98	-0.4	22.58	0.181	2.00	Pass
			RB25#0	22.87	-0.4	22.47	0.177	2.00	Pass
	HCH	QPSK	RB1#0	24.75	-0.4	24.35	0.272	2.00	Pass
			RB1#13	24.88	-0.4	24.48	0.281	2.00	Pass
			RB1#24	24.9	-0.4	24.50	0.282	2.00	Pass
			RB12#0	23.91	-0.4	23.51	0.224	2.00	Pass
			RB12#6	23.98	-0.4	23.58	0.228	2.00	Pass
			RB12#13	24.02	-0.4	23.62	0.230	2.00	Pass
			RB25#0	23.98	-0.4	23.58	0.228	2.00	Pass
		16-QAM	RB1#0	23.99	-0.4	23.59	0.229	2.00	Pass
			RB1#13	24.08	-0.4	23.68	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 BAND7									
			RB1#24	24.05	-0.4	23.65	0.232	2.00	Pass
			RB12#0	22.9	-0.4	22.50	0.178	2.00	Pass
			RB12#6	22.99	-0.4	22.59	0.182	2.00	Pass
			RB12#13	23.06	-0.4	22.66	0.185	2.00	Pass
			RB25#0	22.88	-0.4	22.48	0.177	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	24.6	-0.4	24.20	0.263	2.00	Pass
			RB1#25	24.6	-0.4	24.20	0.263	2.00	Pass
			RB1#49	24.61	-0.4	24.21	0.264	2.00	Pass
			RB25#0	23.63	-0.4	23.23	0.210	2.00	Pass
			RB25#13	23.7	-0.4	23.30	0.214	2.00	Pass
			RB25#25	23.68	-0.4	23.28	0.213	2.00	Pass
			RB50#0	23.72	-0.4	23.32	0.215	2.00	Pass
		16-QAM	RB1#0	23.99	-0.4	23.59	0.229	2.00	Pass
			RB1#25	23.96	-0.4	23.56	0.227	2.00	Pass
			RB1#49	24.17	-0.4	23.77	0.238	2.00	Pass
			RB25#0	22.7	-0.4	22.30	0.170	2.00	Pass
			RB25#13	22.8	-0.4	22.40	0.174	2.00	Pass
			RB25#25	22.68	-0.4	22.28	0.169	2.00	Pass
			RB50#0	22.74	-0.4	22.34	0.171	2.00	Pass
	MCH	QPSK	RB1#0	24.62	-0.4	24.22	0.264	2.00	Pass
			RB1#25	24.76	-0.4	24.36	0.273	2.00	Pass
			RB1#49	24.77	-0.4	24.37	0.274	2.00	Pass
			RB25#0	23.8	-0.4	23.40	0.219	2.00	Pass
			RB25#13	23.84	-0.4	23.44	0.221	2.00	Pass
			RB25#25	23.83	-0.4	23.43	0.220	2.00	Pass
			RB50#0	23.81	-0.4	23.41	0.219	2.00	Pass
		16-QAM	RB1#0	24.14	-0.4	23.74	0.237	2.00	Pass
			RB1#25	24.27	-0.4	23.87	0.244	2.00	Pass
			RB1#49	24.27	-0.4	23.87	0.244	2.00	Pass
			RB25#0	22.87	-0.4	22.47	0.177	2.00	Pass
			RB25#13	22.89	-0.4	22.49	0.177	2.00	Pass
			RB25#25	22.87	-0.4	22.47	0.177	2.00	Pass
			RB50#0	22.83	-0.4	22.43	0.175	2.00	Pass
	HCH	QPSK	RB1#0	24.72	-0.4	24.32	0.270	2.00	Pass
			RB1#25	24.86	-0.4	24.46	0.279	2.00	Pass
			RB1#49	24.89	-0.4	24.49	0.281	2.00	Pass
			RB25#0	23.95	-0.4	23.55	0.226	2.00	Pass
			RB25#13	23.99	-0.4	23.59	0.229	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	23.94	-0.4	23.54	0.226	2.00	Pass
			RB50#0	23.99	-0.4	23.59	0.229	2.00	Pass
		16-QAM	RB1#0	23.81	-0.4	23.41	0.219	2.00	Pass
			RB1#25	23.91	-0.4	23.51	0.224	2.00	Pass
			RB1#49	23.95	-0.4	23.55	0.226	2.00	Pass
			RB25#0	23.06	-0.4	22.66	0.185	2.00	Pass
			RB25#13	23.12	-0.4	22.72	0.187	2.00	Pass
			RB25#25	23.04	-0.4	22.64	0.184	2.00	Pass
			RB50#0	23.02	-0.4	22.62	0.183	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	24.39	-0.4	23.99	0.251	2.00	Pass
			RB1#38	24.34	-0.4	23.94	0.248	2.00	Pass
			RB1#74	24.37	-0.4	23.97	0.249	2.00	Pass
			RB36#0	23.5	-0.4	23.10	0.204	2.00	Pass
			RB36#19	23.56	-0.4	23.16	0.207	2.00	Pass
			RB36#39	23.52	-0.4	23.12	0.205	2.00	Pass
			RB75#0	23.53	-0.4	23.13	0.206	2.00	Pass
		16-QAM	RB1#0	23.5	-0.4	23.10	0.204	2.00	Pass
			RB1#38	23.44	-0.4	23.04	0.201	2.00	Pass
			RB1#74	23.41	-0.4	23.01	0.200	2.00	Pass
			RB36#0	22.51	-0.4	22.11	0.163	2.00	Pass
			RB36#19	22.59	-0.4	22.19	0.166	2.00	Pass
			RB36#39	22.55	-0.4	22.15	0.164	2.00	Pass
			RB75#0	22.58	-0.4	22.18	0.165	2.00	Pass
	MCH	QPSK	RB1#0	24.44	-0.4	24.04	0.254	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	23.62	-0.4	23.22	0.210	2.00	Pass
			RB36#19	23.69	-0.4	23.29	0.213	2.00	Pass
			RB36#39	23.72	-0.4	23.32	0.215	2.00	Pass
			RB75#0	23.68	-0.4	23.28	0.213	2.00	Pass
		16-QAM	RB1#0	23.94	-0.4	23.54	0.226	2.00	Pass
			RB1#38	24.09	-0.4	23.69	0.234	2.00	Pass
			RB1#74	24.03	-0.4	23.63	0.231	2.00	Pass
			RB36#0	22.71	-0.4	22.31	0.170	2.00	Pass
			RB36#19	22.71	-0.4	22.31	0.170	2.00	Pass
			RB36#39	22.73	-0.4	22.33	0.171	2.00	Pass
			RB75#0	22.68	-0.4	22.28	0.169	2.00	Pass
	HCH	QPSK	RB1#0	24.56	-0.4	24.16	0.261	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	24.65	-0.4	24.25	0.266	2.00	Pass
			RB1#74	24.81	-0.4	24.41	0.276	2.00	Pass
			RB36#0	23.74	-0.4	23.34	0.216	2.00	Pass
			RB36#19	23.78	-0.4	23.38	0.218	2.00	Pass
			RB36#39	23.76	-0.4	23.36	0.217	2.00	Pass
			RB75#0	23.8	-0.4	23.40	0.219	2.00	Pass
		16-QAM	RB1#0	24	-0.4	23.60	0.229	2.00	Pass
			RB1#38	24.03	-0.4	23.63	0.231	2.00	Pass
			RB1#74	24.18	-0.4	23.78	0.239	2.00	Pass
			RB36#0	22.73	-0.4	22.33	0.171	2.00	Pass
			RB36#19	22.81	-0.4	22.41	0.174	2.00	Pass
			RB36#39	22.72	-0.4	22.32	0.171	2.00	Pass
			RB75#0	22.79	-0.4	22.39	0.173	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	24.37	-0.4	23.97	0.249	2.00	Pass
			RB1#50	24.37	-0.4	23.97	0.249	2.00	Pass
			RB1#99	24.38	-0.4	23.98	0.250	2.00	Pass
			RB50#0	23.5	-0.4	23.10	0.204	2.00	Pass
			RB50#25	23.57	-0.4	23.17	0.207	2.00	Pass
			RB50#50	23.54	-0.4	23.14	0.206	2.00	Pass
			RB100#0	23.57	-0.4	23.17	0.207	2.00	Pass
		16-QAM	RB1#0	24.04	-0.4	23.64	0.231	2.00	Pass
			RB1#50	24.02	-0.4	23.62	0.230	2.00	Pass
			RB1#99	24	-0.4	23.60	0.229	2.00	Pass
			RB50#0	22.53	-0.4	22.13	0.163	2.00	Pass
			RB50#25	22.6	-0.4	22.20	0.166	2.00	Pass
			RB50#50	22.57	-0.4	22.17	0.165	2.00	Pass
			RB100#0	22.6	-0.4	22.20	0.166	2.00	Pass
	MCH	QPSK	RB1#0	24.48	-0.4	24.08	0.256	2.00	Pass
			RB1#50	24.63	-0.4	24.23	0.265	2.00	Pass
			RB1#99	24.63	-0.4	24.23	0.265	2.00	Pass
			RB50#0	23.66	-0.4	23.26	0.212	2.00	Pass
			RB50#25	23.71	-0.4	23.31	0.214	2.00	Pass
			RB50#50	23.68	-0.4	23.28	0.213	2.00	Pass
			RB100#0	23.67	-0.4	23.27	0.212	2.00	Pass
		16-QAM	RB1#0	24.07	-0.4	23.67	0.233	2.00	Pass
			RB1#50	24.18	-0.4	23.78	0.239	2.00	Pass
			RB1#99	24.17	-0.4	23.77	0.238	2.00	Pass
			RB50#0	22.67	-0.4	22.27	0.169	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	22.7	-0.4	22.30	0.170	2.00	Pass
			RB50#50	22.71	-0.4	22.31	0.170	2.00	Pass
			RB100#0	22.68	-0.4	22.28	0.169	2.00	Pass
	HCH	QPSK	RB1#0	24.47	-0.4	24.07	0.255	2.00	Pass
			RB1#50	24.55	-0.4	24.15	0.260	2.00	Pass
			RB1#99	24.65	-0.4	24.25	0.266	2.00	Pass
			RB50#0	23.74	-0.4	23.34	0.216	2.00	Pass
			RB50#25	23.8	-0.4	23.40	0.219	2.00	Pass
			RB50#50	23.76	-0.4	23.36	0.217	2.00	Pass
			RB100#0	23.82	-0.4	23.42	0.220	2.00	Pass
		16-QAM	RB1#0	23.96	-0.4	23.56	0.227	2.00	Pass
			RB1#50	24.03	-0.4	23.63	0.231	2.00	Pass
			RB1#99	24.12	-0.4	23.72	0.236	2.00	Pass
			RB50#0	22.68	-0.4	22.28	0.169	2.00	Pass
			RB50#25	22.77	-0.4	22.37	0.173	2.00	Pass
			RB50#50	22.77	-0.4	22.37	0.173	2.00	Pass
			RB100#0	22.78	-0.4	22.38	0.173	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
5 MHz	LCH	QPSK	RB1#0	24.59	-0.8	23.79	0.239	2.00	Pass
			RB1#13	24.64	-0.8	23.84	0.242	2.00	Pass
			RB1#24	24.63	-0.8	23.83	0.242	2.00	Pass
			RB12#0	23.67	-0.8	22.87	0.194	2.00	Pass
			RB12#6	23.72	-0.8	22.92	0.196	2.00	Pass
			RB12#13	23.66	-0.8	22.86	0.193	2.00	Pass
			RB25#0	23.66	-0.8	22.86	0.193	2.00	Pass
		16-QAM	RB1#0	23.82	-0.8	23.02	0.200	2.00	Pass
			RB1#13	23.83	-0.8	23.03	0.201	2.00	Pass
			RB1#24	23.83	-0.8	23.03	0.201	2.00	Pass
			RB12#0	22.74	-0.8	21.94	0.156	2.00	Pass
			RB12#6	22.79	-0.8	21.99	0.158	2.00	Pass
			RB12#13	22.76	-0.8	21.96	0.157	2.00	Pass
			RB25#0	22.72	-0.8	21.92	0.156	2.00	Pass
	MCH	QPSK	RB1#0	24.6	-0.8	23.80	0.240	2.00	Pass
			RB1#13	24.58	-0.8	23.78	0.239	2.00	Pass
			RB1#24	24.54	-0.8	23.74	0.237	2.00	Pass
			RB12#0	23.67	-0.8	22.87	0.194	2.00	Pass
			RB12#6	23.69	-0.8	22.89	0.195	2.00	Pass
			RB12#13	23.59	-0.8	22.79	0.190	2.00	Pass
			RB25#0	23.65	-0.8	22.85	0.193	2.00	Pass
		16-QAM	RB1#0	23.79	-0.8	22.99	0.199	2.00	Pass
			RB1#13	23.93	-0.8	23.13	0.206	2.00	Pass
			RB1#24	23.94	-0.8	23.14	0.206	2.00	Pass
			RB12#0	22.64	-0.8	21.84	0.153	2.00	Pass
			RB12#6	22.7	-0.8	21.90	0.155	2.00	Pass
			RB12#13	22.67	-0.8	21.87	0.154	2.00	Pass
			RB25#0	22.73	-0.8	21.93	0.156	2.00	Pass
	HCH	QPSK	RB1#0	24.6	-0.8	23.80	0.240	2.00	Pass
			RB1#13	24.7	-0.8	23.90	0.245	2.00	Pass
			RB1#24	24.6	-0.8	23.80	0.240	2.00	Pass
			RB12#0	23.69	-0.8	22.89	0.195	2.00	Pass
			RB12#6	23.72	-0.8	22.92	0.196	2.00	Pass
			RB12#13	23.65	-0.8	22.85	0.193	2.00	Pass
			RB25#0	23.68	-0.8	22.88	0.194	2.00	Pass
		16-QAM	RB1#0	23.99	-0.8	23.19	0.208	2.00	Pass
			RB1#13	24.14	-0.8	23.34	0.216	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	24.06	-0.8	23.26	0.212	2.00	Pass
			RB12#0	22.82	-0.8	22.02	0.159	2.00	Pass
			RB12#6	22.84	-0.8	22.04	0.160	2.00	Pass
			RB12#13	22.75	-0.8	21.95	0.157	2.00	Pass
			RB25#0	22.66	-0.8	21.86	0.153	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	24.52	-0.8	23.72	0.236	2.00	Pass
			RB1#25	24.58	-0.8	23.78	0.239	2.00	Pass
			RB1#49	24.57	-0.8	23.77	0.238	2.00	Pass
			RB25#0	23.72	-0.8	22.92	0.196	2.00	Pass
			RB25#13	23.67	-0.8	22.87	0.194	2.00	Pass
			RB25#25	23.65	-0.8	22.85	0.193	2.00	Pass
			RB50#0	23.65	-0.8	22.85	0.193	2.00	Pass
		16-QAM	RB1#0	23.89	-0.8	23.09	0.204	2.00	Pass
			RB1#25	23.88	-0.8	23.08	0.203	2.00	Pass
			RB1#49	23.87	-0.8	23.07	0.203	2.00	Pass
			RB25#0	22.71	-0.8	21.91	0.155	2.00	Pass
			RB25#13	22.68	-0.8	21.88	0.154	2.00	Pass
			RB25#25	22.7	-0.8	21.90	0.155	2.00	Pass
			RB50#0	22.64	-0.8	21.84	0.153	2.00	Pass
	MCH	QPSK	RB1#0	24.58	-0.8	23.78	0.239	2.00	Pass
			RB1#25	24.55	-0.8	23.75	0.237	2.00	Pass
			RB1#49	24.62	-0.8	23.82	0.241	2.00	Pass
			RB25#0	23.68	-0.8	22.88	0.194	2.00	Pass
			RB25#13	23.63	-0.8	22.83	0.192	2.00	Pass
			RB25#25	23.59	-0.8	22.79	0.190	2.00	Pass
			RB50#0	23.62	-0.8	22.82	0.191	2.00	Pass
		16-QAM	RB1#0	24.05	-0.8	23.25	0.211	2.00	Pass
			RB1#25	23.96	-0.8	23.16	0.207	2.00	Pass
			RB1#49	24.09	-0.8	23.29	0.213	2.00	Pass
			RB25#0	22.67	-0.8	21.87	0.154	2.00	Pass
			RB25#13	22.61	-0.8	21.81	0.152	2.00	Pass
			RB25#25	22.61	-0.8	21.81	0.152	2.00	Pass
			RB50#0	22.64	-0.8	21.84	0.153	2.00	Pass
	HCH	QPSK	RB1#0	24.58	-0.8	23.78	0.239	2.00	Pass
			RB1#25	24.67	-0.8	23.87	0.244	2.00	Pass
			RB1#49	24.6	-0.8	23.80	0.240	2.00	Pass
			RB25#0	23.67	-0.8	22.87	0.194	2.00	Pass
			RB25#13	23.73	-0.8	22.93	0.196	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	23.68	-0.8	22.88	0.194	2.00	Pass
			RB50#0	23.67	-0.8	22.87	0.194	2.00	Pass
		16-QAM	RB1#0	24.08	-0.8	23.28	0.213	2.00	Pass
			RB1#25	23.98	-0.8	23.18	0.208	2.00	Pass
			RB1#49	24.07	-0.8	23.27	0.212	2.00	Pass
			RB25#0	22.7	-0.8	21.90	0.155	2.00	Pass
			RB25#13	22.69	-0.8	21.89	0.155	2.00	Pass
			RB25#25	22.7	-0.8	21.90	0.155	2.00	Pass
			RB50#0	22.7	-0.8	21.90	0.155	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	24.46	-0.8	23.66	0.232	2.00	Pass
			RB1#38	24.42	-0.8	23.62	0.230	2.00	Pass
			RB1#74	24.43	-0.8	23.63	0.231	2.00	Pass
			RB36#0	23.52	-0.8	22.72	0.187	2.00	Pass
			RB36#19	23.49	-0.8	22.69	0.186	2.00	Pass
			RB36#39	23.45	-0.8	22.65	0.184	2.00	Pass
			RB75#0	23.43	-0.8	22.63	0.183	2.00	Pass
		16-QAM	RB1#0	23.76	-0.8	22.96	0.198	2.00	Pass
			RB1#38	23.86	-0.8	23.06	0.202	2.00	Pass
			RB1#74	23.83	-0.8	23.03	0.201	2.00	Pass
			RB36#0	22.53	-0.8	21.73	0.149	2.00	Pass
			RB36#19	22.45	-0.8	21.65	0.146	2.00	Pass
			RB36#39	22.45	-0.8	21.65	0.146	2.00	Pass
			RB75#0	22.46	-0.8	21.66	0.147	2.00	Pass
	MCH	QPSK	RB1#0	24.39	-0.8	23.59	0.229	2.00	Pass
			RB1#38	24.46	-0.8	23.66	0.232	2.00	Pass
			RB1#74	24.46	-0.8	23.66	0.232	2.00	Pass
			RB36#0	23.44	-0.8	22.64	0.184	2.00	Pass
			RB36#19	23.47	-0.8	22.67	0.185	2.00	Pass
			RB36#39	23.45	-0.8	22.65	0.184	2.00	Pass
			RB75#0	23.39	-0.8	22.59	0.182	2.00	Pass
		16-QAM	RB1#0	23.88	-0.8	23.08	0.203	2.00	Pass
			RB1#38	23.87	-0.8	23.07	0.203	2.00	Pass
			RB1#74	23.93	-0.8	23.13	0.206	2.00	Pass
			RB36#0	22.49	-0.8	21.69	0.148	2.00	Pass
			RB36#19	22.4	-0.8	21.60	0.145	2.00	Pass
			RB36#39	22.42	-0.8	21.62	0.145	2.00	Pass
			RB75#0	22.43	-0.8	21.63	0.146	2.00	Pass
	HCH	QPSK	RB1#0	24.4	-0.8	23.60	0.229	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	24.43	-0.8	23.63	0.231	2.00	Pass
			RB1#74	24.49	-0.8	23.69	0.234	2.00	Pass
			RB36#0	23.45	-0.8	22.65	0.184	2.00	Pass
			RB36#19	23.53	-0.8	22.73	0.187	2.00	Pass
			RB36#39	23.49	-0.8	22.69	0.186	2.00	Pass
			RB75#0	23.48	-0.8	22.68	0.185	2.00	Pass
		16-QAM	RB1#0	23.74	-0.8	22.94	0.197	2.00	Pass
			RB1#38	23.78	-0.8	22.98	0.199	2.00	Pass
			RB1#74	23.88	-0.8	23.08	0.203	2.00	Pass
			RB36#0	22.5	-0.8	21.70	0.148	2.00	Pass
			RB36#19	22.56	-0.8	21.76	0.150	2.00	Pass
			RB36#39	22.54	-0.8	21.74	0.149	2.00	Pass
			RB75#0	22.48	-0.8	21.68	0.147	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	24.43	-0.8	23.63	0.231	2.00	Pass
			RB1#50	24.43	-0.8	23.63	0.231	2.00	Pass
			RB1#99	24.52	-0.8	23.72	0.236	2.00	Pass
			RB50#0	23.5	-0.8	22.70	0.186	2.00	Pass
			RB50#25	23.58	-0.8	22.78	0.190	2.00	Pass
			RB50#50	23.45	-0.8	22.65	0.184	2.00	Pass
			RB100#0	23.46	-0.8	22.66	0.185	2.00	Pass
		16-QAM	RB1#0	23.78	-0.8	22.98	0.199	2.00	Pass
			RB1#50	23.84	-0.8	23.04	0.201	2.00	Pass
			RB1#99	23.8	-0.8	23.00	0.200	2.00	Pass
			RB50#0	22.51	-0.8	21.71	0.148	2.00	Pass
			RB50#25	22.56	-0.8	21.76	0.150	2.00	Pass
			RB50#50	22.44	-0.8	21.64	0.146	2.00	Pass
			RB100#0	22.45	-0.8	21.65	0.146	2.00	Pass
	MCH	QPSK	RB1#0	24.41	-0.8	23.61	0.230	2.00	Pass
			RB1#50	24.39	-0.8	23.59	0.229	2.00	Pass
			RB1#99	24.44	-0.8	23.64	0.231	2.00	Pass
			RB50#0	23.46	-0.8	22.66	0.185	2.00	Pass
			RB50#25	23.47	-0.8	22.67	0.185	2.00	Pass
			RB50#50	23.45	-0.8	22.65	0.184	2.00	Pass
			RB100#0	23.45	-0.8	22.65	0.184	2.00	Pass
		16-QAM	RB1#0	23.66	-0.8	22.86	0.193	2.00	Pass
			RB1#50	23.64	-0.8	22.84	0.192	2.00	Pass
			RB1#99	23.67	-0.8	22.87	0.194	2.00	Pass
			RB50#0	22.5	-0.8	21.70	0.148	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
			RB50#25	22.5	-0.8	21.70	0.148	2.00	Pass
			RB50#50	22.48	-0.8	21.68	0.147	2.00	Pass
			RB100#0	22.47	-0.8	21.67	0.147	2.00	Pass
	HCH	QPSK	RB1#0	24.5	-0.8	23.70	0.234	2.00	Pass
			RB1#50	24.5	-0.8	23.70	0.234	2.00	Pass
			RB1#99	24.55	-0.8	23.75	0.237	2.00	Pass
			RB50#0	23.47	-0.8	22.67	0.185	2.00	Pass
			RB50#25	23.55	-0.8	22.75	0.188	2.00	Pass
			RB50#50	23.47	-0.8	22.67	0.185	2.00	Pass
			RB100#0	23.48	-0.8	22.68	0.185	2.00	Pass
		16-QAM	RB1#0	23.87	-0.8	23.07	0.203	2.00	Pass
			RB1#50	23.96	-0.8	23.16	0.207	2.00	Pass
			RB1#99	23.91	-0.8	23.11	0.205	2.00	Pass
			RB50#0	22.48	-0.8	21.68	0.147	2.00	Pass
			RB50#25	22.55	-0.8	21.75	0.150	2.00	Pass
			RB50#50	22.49	-0.8	21.69	0.148	2.00	Pass
			RB100#0	22.49	-0.8	21.69	0.148	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
5 MHz	LCH	QPSK	RB1#0	24.6	-0.8	23.80	0.240	2.00	Pass
			RB1#13	24.65	-0.8	23.85	0.243	2.00	Pass
			RB1#24	24.62	-0.8	23.82	0.241	2.00	Pass
			RB12#0	23.7	-0.8	22.90	0.195	2.00	Pass
			RB12#6	23.77	-0.8	22.97	0.198	2.00	Pass
			RB12#13	23.72	-0.8	22.92	0.196	2.00	Pass
			RB25#0	23.7	-0.8	22.90	0.195	2.00	Pass
		16-QAM	RB1#0	23.88	-0.8	23.08	0.203	2.00	Pass
			RB1#13	23.88	-0.8	23.08	0.203	2.00	Pass
			RB1#24	23.84	-0.8	23.04	0.201	2.00	Pass
			RB12#0	22.82	-0.8	22.02	0.159	2.00	Pass
			RB12#6	22.81	-0.8	22.01	0.159	2.00	Pass
			RB12#13	22.81	-0.8	22.01	0.159	2.00	Pass
			RB25#0	22.77	-0.8	21.97	0.157	2.00	Pass
	MCH	QPSK	RB1#0	24.4	-0.8	23.60	0.229	2.00	Pass
			RB1#13	24.53	-0.8	23.73	0.236	2.00	Pass
			RB1#24	24.55	-0.8	23.75	0.237	2.00	Pass
			RB12#0	23.62	-0.8	22.82	0.191	2.00	Pass
			RB12#6	23.58	-0.8	22.78	0.190	2.00	Pass
			RB12#13	23.54	-0.8	22.74	0.188	2.00	Pass
			RB25#0	23.5	-0.8	22.70	0.186	2.00	Pass
		16-QAM	RB1#0	23.8	-0.8	23.00	0.200	2.00	Pass
			RB1#13	23.9	-0.8	23.10	0.204	2.00	Pass
			RB1#24	23.86	-0.8	23.06	0.202	2.00	Pass
			RB12#0	22.65	-0.8	21.85	0.153	2.00	Pass
			RB12#6	22.57	-0.8	21.77	0.150	2.00	Pass
			RB12#13	22.48	-0.8	21.68	0.147	2.00	Pass
			RB25#0	22.57	-0.8	21.77	0.150	2.00	Pass
	HCH	QPSK	RB1#0	24.45	-0.8	23.65	0.232	2.00	Pass
			RB1#13	24.51	-0.8	23.71	0.235	2.00	Pass
			RB1#24	24.5	-0.8	23.70	0.234	2.00	Pass
			RB12#0	23.49	-0.8	22.69	0.186	2.00	Pass
			RB12#6	23.51	-0.8	22.71	0.187	2.00	Pass
			RB12#13	23.53	-0.8	22.73	0.187	2.00	Pass
			RB25#0	23.5	-0.8	22.70	0.186	2.00	Pass
		16-QAM	RB1#0	23.83	-0.8	23.03	0.201	2.00	Pass
			RB1#13	24.05	-0.8	23.25	0.211	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	23.92	-0.8	23.12	0.205	2.00	Pass
			RB12#0	22.62	-0.8	21.82	0.152	2.00	Pass
			RB12#6	22.64	-0.8	21.84	0.153	2.00	Pass
			RB12#13	22.66	-0.8	21.86	0.153	2.00	Pass
			RB25#0	22.49	-0.8	21.69	0.148	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	24.6	-0.8	23.80	0.240	2.00	Pass
			RB1#25	24.64	-0.8	23.84	0.242	2.00	Pass
			RB1#49	24.65	-0.8	23.85	0.243	2.00	Pass
			RB25#0	23.74	-0.8	22.94	0.197	2.00	Pass
			RB25#13	23.68	-0.8	22.88	0.194	2.00	Pass
			RB25#25	23.67	-0.8	22.87	0.194	2.00	Pass
			RB50#0	23.67	-0.8	22.87	0.194	2.00	Pass
		16-QAM	RB1#0	23.86	-0.8	23.06	0.202	2.00	Pass
			RB1#25	23.81	-0.8	23.01	0.200	2.00	Pass
			RB1#49	23.88	-0.8	23.08	0.203	2.00	Pass
			RB25#0	22.81	-0.8	22.01	0.159	2.00	Pass
			RB25#13	22.64	-0.8	21.84	0.153	2.00	Pass
			RB25#25	22.62	-0.8	21.82	0.152	2.00	Pass
			RB50#0	22.65	-0.8	21.85	0.153	2.00	Pass
	MCH	QPSK	RB1#0	24.59	-0.8	23.79	0.239	2.00	Pass
			RB1#25	24.51	-0.8	23.71	0.235	2.00	Pass
			RB1#49	24.49	-0.8	23.69	0.234	2.00	Pass
			RB25#0	23.61	-0.8	22.81	0.191	2.00	Pass
			RB25#13	23.59	-0.8	22.79	0.190	2.00	Pass
			RB25#25	23.57	-0.8	22.77	0.189	2.00	Pass
			RB50#0	23.55	-0.8	22.75	0.188	2.00	Pass
		16-QAM	RB1#0	23.99	-0.8	23.19	0.208	2.00	Pass
			RB1#25	23.91	-0.8	23.11	0.205	2.00	Pass
			RB1#49	23.97	-0.8	23.17	0.207	2.00	Pass
			RB25#0	22.62	-0.8	21.82	0.152	2.00	Pass
			RB25#13	22.58	-0.8	21.78	0.151	2.00	Pass
			RB25#25	22.55	-0.8	21.75	0.150	2.00	Pass
			RB50#0	22.6	-0.8	21.80	0.151	2.00	Pass
	HCH	QPSK	RB1#0	24.46	-0.8	23.66	0.232	2.00	Pass
			RB1#25	24.41	-0.8	23.61	0.230	2.00	Pass
			RB1#49	24.44	-0.8	23.64	0.231	2.00	Pass
			RB25#0	23.49	-0.8	22.69	0.186	2.00	Pass
			RB25#13	23.53	-0.8	22.73	0.187	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	23.56	-0.8	22.76	0.189	2.00	Pass
			RB50#0	23.5	-0.8	22.70	0.186	2.00	Pass
		16-QAM	RB1#0	23.98	-0.8	23.18	0.208	2.00	Pass
			RB1#25	23.91	-0.8	23.11	0.205	2.00	Pass
			RB1#49	23.95	-0.8	23.15	0.207	2.00	Pass
			RB25#0	22.55	-0.8	21.75	0.150	2.00	Pass
			RB25#13	22.52	-0.8	21.72	0.149	2.00	Pass
			RB25#25	22.58	-0.8	21.78	0.151	2.00	Pass
			RB50#0	22.54	-0.8	21.74	0.149	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	24.43	-0.8	23.63	0.231	2.00	Pass
			RB1#38	24.42	-0.8	23.62	0.230	2.00	Pass
			RB1#74	24.37	-0.8	23.57	0.228	2.00	Pass
			RB36#0	23.56	-0.8	22.76	0.189	2.00	Pass
			RB36#19	23.56	-0.8	22.76	0.189	2.00	Pass
			RB36#39	23.51	-0.8	22.71	0.187	2.00	Pass
			RB75#0	23.62	-0.8	22.82	0.191	2.00	Pass
		16-QAM	RB1#0	23.8	-0.8	23.00	0.200	2.00	Pass
			RB1#38	23.77	-0.8	22.97	0.198	2.00	Pass
			RB1#74	23.73	-0.8	22.93	0.196	2.00	Pass
			RB36#0	22.53	-0.8	21.73	0.149	2.00	Pass
			RB36#19	22.58	-0.8	21.78	0.151	2.00	Pass
			RB36#39	22.46	-0.8	21.66	0.147	2.00	Pass
			RB75#0	22.58	-0.8	21.78	0.151	2.00	Pass
	MCH	QPSK	RB1#0	24.38	-0.8	23.58	0.228	2.00	Pass
			RB1#38	24.26	-0.8	23.46	0.222	2.00	Pass
			RB1#74	24.36	-0.8	23.56	0.227	2.00	Pass
			RB36#0	23.45	-0.8	22.65	0.184	2.00	Pass
			RB36#19	23.37	-0.8	22.57	0.181	2.00	Pass
			RB36#39	23.39	-0.8	22.59	0.182	2.00	Pass
			RB75#0	23.36	-0.8	22.56	0.180	2.00	Pass
		16-QAM	RB1#0	23.78	-0.8	22.98	0.199	2.00	Pass
			RB1#38	23.72	-0.8	22.92	0.196	2.00	Pass
			RB1#74	23.85	-0.8	23.05	0.202	2.00	Pass
			RB36#0	22.43	-0.8	21.63	0.146	2.00	Pass
			RB36#19	22.31	-0.8	21.51	0.142	2.00	Pass
			RB36#39	22.35	-0.8	21.55	0.143	2.00	Pass
			RB75#0	22.38	-0.8	21.58	0.144	2.00	Pass
	HCH	QPSK	RB1#0	24.34	-0.8	23.54	0.226	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	24.26	-0.8	23.46	0.222	2.00	Pass
			RB1#74	24.38	-0.8	23.58	0.228	2.00	Pass
			RB36#0	23.44	-0.8	22.64	0.184	2.00	Pass
			RB36#19	23.43	-0.8	22.63	0.183	2.00	Pass
			RB36#39	23.44	-0.8	22.64	0.184	2.00	Pass
			RB75#0	23.4	-0.8	22.60	0.182	2.00	Pass
		16-QAM	RB1#0	23.75	-0.8	22.95	0.197	2.00	Pass
			RB1#38	23.69	-0.8	22.89	0.195	2.00	Pass
			RB1#74	23.77	-0.8	22.97	0.198	2.00	Pass
			RB36#0	22.47	-0.8	21.67	0.147	2.00	Pass
			RB36#19	22.42	-0.8	21.62	0.145	2.00	Pass
			RB36#39	22.46	-0.8	21.66	0.147	2.00	Pass
			RB75#0	22.46	-0.8	21.66	0.147	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	24.48	-0.8	23.68	0.233	2.00	Pass
			RB1#50	24.47	-0.8	23.67	0.233	2.00	Pass
			RB1#99	24.41	-0.8	23.61	0.230	2.00	Pass
			RB50#0	23.58	-0.8	22.78	0.190	2.00	Pass
			RB50#25	23.54	-0.8	22.74	0.188	2.00	Pass
			RB50#50	23.5	-0.8	22.70	0.186	2.00	Pass
			RB100#0	23.55	-0.8	22.75	0.188	2.00	Pass
		16-QAM	RB1#0	23.81	-0.8	23.01	0.200	2.00	Pass
			RB1#50	23.75	-0.8	22.95	0.197	2.00	Pass
			RB1#99	23.74	-0.8	22.94	0.197	2.00	Pass
			RB50#0	22.58	-0.8	21.78	0.151	2.00	Pass
			RB50#25	22.54	-0.8	21.74	0.149	2.00	Pass
			RB50#50	22.52	-0.8	21.72	0.149	2.00	Pass
			RB100#0	22.51	-0.8	21.71	0.148	2.00	Pass
	MCH	QPSK	RB1#0	24.36	-0.8	23.56	0.227	2.00	Pass
			RB1#50	24.26	-0.8	23.46	0.222	2.00	Pass
			RB1#99	24.38	-0.8	23.58	0.228	2.00	Pass
			RB50#0	23.45	-0.8	22.65	0.184	2.00	Pass
			RB50#25	23.39	-0.8	22.59	0.182	2.00	Pass
			RB50#50	23.4	-0.8	22.60	0.182	2.00	Pass
			RB100#0	23.38	-0.8	22.58	0.181	2.00	Pass
		16-QAM	RB1#0	23.63	-0.8	22.83	0.192	2.00	Pass
			RB1#50	23.53	-0.8	22.73	0.187	2.00	Pass
			RB1#99	23.62	-0.8	22.82	0.191	2.00	Pass
			RB50#0	22.45	-0.8	21.65	0.146	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	22.39	-0.8	21.59	0.144	2.00	Pass
			RB50#50	22.4	-0.8	21.60	0.145	2.00	Pass
			RB100#0	22.38	-0.8	21.58	0.144	2.00	Pass
	HCH	QPSK	RB1#0	24.45	-0.8	23.65	0.232	2.00	Pass
			RB1#50	24.35	-0.8	23.55	0.226	2.00	Pass
			RB1#99	24.46	-0.8	23.66	0.232	2.00	Pass
			RB50#0	23.41	-0.8	22.61	0.182	2.00	Pass
			RB50#25	23.43	-0.8	22.63	0.183	2.00	Pass
			RB50#50	23.35	-0.8	22.55	0.180	2.00	Pass
			RB100#0	23.39	-0.8	22.59	0.182	2.00	Pass
		16-QAM	RB1#0	23.79	-0.8	22.99	0.199	2.00	Pass
			RB1#50	23.75	-0.8	22.95	0.197	2.00	Pass
			RB1#99	23.87	-0.8	23.07	0.203	2.00	Pass
			RB50#0	22.45	-0.8	21.65	0.146	2.00	Pass
			RB50#25	22.45	-0.8	21.65	0.146	2.00	Pass
			RB50#50	22.4	-0.8	21.60	0.145	2.00	Pass
			RB100#0	22.44	-0.8	21.64	0.146	2.00	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	23.43	23.61	23.63	-0.4	0.201	0.209	0.210	2.000
	50	0	100	0	21.65	21.77	21.79	-0.4	0.133	0.137	0.138	2.000
16-QAM	1	49	1	0	22.26	22.93	22.23	-0.4	0.153	0.179	0.152	2.000
	50	0	100	0	20.53	20.79	20.83	-0.4	0.103	0.109	0.110	2.000
20MHz+10MHz												
QPSK	1	0	0	0	22.62	22.64	22.97	-0.4	0.167	0.167	0.181	2.000
	50	0	0	0	21.78	21.89	22.08	-0.4	0.137	0.141	0.147	2.000
	100	0	0	0	20.75	20.86	21.01	-0.4	0.108	0.111	0.115	2.000
	1	99	1	0	23.31	23.58	23.55	-0.4	0.195	0.208	0.207	2.000
	100	0	50	0	21.57	20.93	21.77	-0.4	0.131	0.113	0.137	2.000
16-QAM	1	0	0	0	21.52	21.86	21.89	-0.4	0.129	0.140	0.141	2.000
	50	0	0	0	20.72	20.9	21.05	-0.4	0.108	0.112	0.116	2.000
	100	0	0	0	19.71	19.92	19.99	-0.4	0.085	0.090	0.091	2.000
	1	99	1	0	22.43	22.54	22.35	-0.4	0.160	0.164	0.157	2.000
	100	0	50	0	20.61	20.73	20.81	-0.4	0.105	0.108	0.110	2.000
15MHz+15MHz												
QPSK	1	74	1	0	23.29	23.58	23.61	-0.4	0.195	0.208	0.209	2.000
	75	0	75	0	21.45	21.68	21.75	-0.4	0.127	0.134	0.136	2.000
16-QAM	1	74	1	0	22.09	22.57	22.26	-0.4	0.148	0.165	0.153	2.000
	75	0	75	0	20.49	20.71	20.77	-0.4	0.102	0.107	0.109	2.000
15MHz+20MHz												
QPSK	1	74	1	0	23.29	23.66	23.56	-0.4	0.195	0.212	0.207	2.000
	75	0	100	0	21.51	21.67	21.71	-0.4	0.129	0.134	0.135	2.000
16-QAM	1	74	1	0	22.74	22.88	22.96	-0.4	0.171	0.177	0.180	2.000
	75	0	100	0	20.56	20.65	20.77	-0.4	0.104	0.106	0.109	2.000
20MHz+15MHz												
QPSK	1	99	1	0	22.43	23.64	23.62	-0.4	0.160	0.211	0.210	2.000
	100	0	75	0	20.54	21.75	21.85	-0.4	0.103	0.136	0.140	2.000
16-QAM	1	99	1	0	23.41	22.72	22.62	-0.4	0.200	0.171	0.167	2.000
	100	0	75	0	21.63	20.75	20.78	-0.4	0.133	0.108	0.109	2.000
20MHz+20MHz												
QPSK	1	0	0	0	21.73	22.52	22.02	-0.4	0.136	0.163	0.145	2.000
	50	0	0	0	21.78	21.8	22.05	-0.4	0.137	0.138	0.146	2.000
	100	0	0	0	21.8	21.86	22.02	-0.4	0.138	0.140	0.145	2.000
	1	99	1	0	23.48	23.75	23.66	-0.4	0.203	0.216	0.212	2.000

Modulation	PCC RB		SCC RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
	Size	Offset	Size	Offset	LCH	MCH	HCH		LCH	MCH	HCH	
CA_7C												
	100	0	100	0	21.64	21.79	21.15	-0.4	0.133	0.138	0.119	2.000
16-QAM	1	0	0	0	21.98	21.91	21.78	-0.4	0.144	0.142	0.137	2.000
	50	0	0	0	20.7	20.78	21.04	-0.4	0.107	0.109	0.116	2.000
	100	0	0	0	20.75	20.88	21.04	-0.4	0.108	0.112	0.116	2.000
	1	99	1	0	22.14	22.44	22.39	-0.4	0.149	0.160	0.158	2.000
	100	0	100	0	20.53	20.74	20.85	-0.4	0.103	0.108	0.111	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	23.11	23.05	22.83	-0.8	0.170	0.168	0.160	2.000
	36	0	0	0	22.1	22.08	21.93	-0.8	0.135	0.134	0.130	2.000
	75	0	0	0	22.03	21.99	21.97	-0.8	0.133	0.132	0.131	2.000
	1	74	1	0	23.07	23.62	23.52	-0.8	0.169	0.191	0.187	2.000
	75	0	75	0	21.02	21.68	21.63	-0.8	0.105	0.122	0.121	2.000
16-QAM	1	0	0	0	21.96	21.99	21.91	-0.8	0.131	0.132	0.129	2.000
	36	0	0	0	21.02	21.07	20.94	-0.8	0.105	0.106	0.103	2.000
	75	0	0	0	21.02	20.96	20.97	-0.8	0.105	0.104	0.104	2.000
	1	74	1	0	22.76	22.84	22.40	-0.8	0.157	0.160	0.145	2.000
	75	0	75	0	20.75	20.68	20.59	-0.8	0.099	0.097	0.095	2.000
20MHz+20MHz												
QPSK	1	0	0	0	22.96	22.9	22.99	-0.8	0.164	0.162	0.166	2.000
	50	0	0	0	22.01	21.98	22.01	-0.8	0.132	0.131	0.132	2.000
	100	0	0	0	21.96	21.94	22	-0.8	0.131	0.130	0.132	2.000
	1	99	1	0	23.6	23.61	23.54	-0.8	0.191	0.191	0.188	2.000
	100	0	100	0	21.69	21.64	21.64	-0.8	0.123	0.121	0.121	2.000
16-QAM	1	0	0	0	22.02	21.76	21.96	-0.8	0.132	0.125	0.131	2.000
	50	0	0	0	21.07	21.04	20.98	-0.8	0.106	0.106	0.104	2.000
	100	0	0	0	20.96	21	20.91	-0.8	0.104	0.105	0.103	2.000
	1	99	1	0	22.54	22.3	22.26	-0.8	0.149	0.141	0.140	2.000
	100	0	100	0	20.71	20.68	20.69	-0.8	0.098	0.097	0.097	2.000

Test BW	Test Channel	Test Mode	PCC RB No.	PCC RB Pos.	SCC RB No.	SCC RB Pos.	PCC Conducted Output Power (dBm)	SCC Conducted Output Power (dBm)	Total Radiated Output Power (dBm)	EIRP (W)	Limit (W)	Verdict
CA_4A-7A												
5MHz + 5MHz	LCH	QPSK	1	24	1	0	22.17	19.27	24.84	0.305	1.000	Pass
			25	0	25	0	21.3	20.75	24.69	0.295	1.000	Pass
		16QAM	1	24	1	0	21.78	20.61	24.95	0.313	1.000	Pass
			25	0	25	0	20.29	20.72	24.07	0.255	1.000	Pass
	MCH	QPSK	1	24	1	0	22.5	19.69	25.19	0.330	1.000	Pass
			25	0	25	0	21.31	21.02	24.80	0.302	1.000	Pass
		16QAM	1	24	1	0	21.66	21.19	25.08	0.322	1.000	Pass
			25	0	25	0	20.42	20.28	23.97	0.249	1.000	Pass
	HCH	QPSK	1	24	1	0	22.51	19.01	25.03	0.319	1.000	Pass
			25	0	25	0	21.56	20.36	24.72	0.297	1.000	Pass
		16QAM	1	24	1	0	21.61	20.39	24.77	0.300	1.000	Pass
			25	0	25	0	20.64	20.03	24.01	0.252	1.000	Pass
5MHz + 10MHz	LCH	QPSK	1	24	1	0	22.39	19.25	25.00	0.316	1.000	Pass
			25	0	50	0	21.31	20.81	24.72	0.297	1.000	Pass
		16QAM	1	24	1	0	21.86	20.58	25.00	0.316	1.000	Pass
			25	0	50	0	20.43	20.75	24.16	0.261	1.000	Pass
	MCH	QPSK	1	24	1	0	22.49	19.7	25.19	0.330	1.000	Pass
			25	0	50	0	21.47	20.85	24.84	0.305	1.000	Pass
		16QAM	1	24	1	0	21.77	21.02	25.09	0.323	1.000	Pass
			25	0	50	0	20.57	20.08	23.98	0.250	1.000	Pass
	HCH	QPSK	1	24	1	0	22.61	19.45	25.21	0.332	1.000	Pass
			25	0	50	0	21.56	20.65	24.82	0.304	1.000	Pass
		16QAM	1	24	1	0	21.71	20.22	24.78	0.301	1.000	Pass
			25	0	50	0	20.67	19.83	23.96	0.249	1.000	Pass
5MHz + 15MHz	LCH	QPSK	1	24	1	0	22.41	18.9	24.93	0.311	1.000	Pass
			25	0	75	0	21.32	20.5	24.61	0.289	1.000	Pass
		16QAM	1	24	1	0	21.78	20.26	24.84	0.305	1.000	Pass
			25	0	75	0	20.33	20.93	24.18	0.262	1.000	Pass
	MCH	QPSK	1	24	1	0	22.5	19.28	25.09	0.323	1.000	Pass
			25	0	75	0	21.45	21.2	24.96	0.313	1.000	Pass
		16QAM	1	24	1	0	21.71	20.85	24.99	0.316	1.000	Pass
			25	0	75	0	20.53	20.52	24.13	0.259	1.000	Pass
	HCH	QPSK	1	24	1	0	22.48	19.63	25.16	0.328	1.000	Pass
			25	0	75	0	21.43	20.7	24.76	0.299	1.000	Pass
		16QAM	1	24	1	0	21.57	20.32	24.72	0.296	1.000	Pass
			25	0	75	0	20.53	20.12	23.97	0.250	1.000	Pass

5MHz + 20MHz	LCH	QPSK	1	24	1	0	22.64	19.08	25.15	0.327	1.000	Pass
			25	0	100	0	21.38	20.51	24.66	0.292	1.000	Pass
		16QAM	1	24	1	0	22.05	19.64	24.85	0.305	1.000	Pass
			25	0	100	0	20.65	20.29	24.11	0.258	1.000	Pass
	MCH	QPSK	1	24	1	0	22.71	19.41	25.28	0.337	1.000	Pass
			25	0	100	0	21.65	21.14	25.06	0.320	1.000	Pass
		16QAM	1	24	1	0	21.83	20.97	25.11	0.324	1.000	Pass
			25	0	100	0	20.76	20.31	24.19	0.262	1.000	Pass
	HCH	QPSK	1	24	1	0	20.86	21.9	24.91	0.310	1.000	Pass
			25	0	100	0	20.91	21.52	24.77	0.300	1.000	Pass
		16QAM	1	24	1	0	20.78	21.02	24.48	0.281	1.000	Pass
			25	0	100	0	20.47	21.44	24.49	0.281	1.000	Pass
10MHz + 5MHz	LCH	QPSK	1	49	1	0	20.56	21.32	24.48	0.281	1.000	Pass
			50	0	25	0	20.73	20.86	24.39	0.274	1.000	Pass
		16QAM	1	49	1	0	20.53	20.21	24.01	0.252	1.000	Pass
			50	0	25	0	20.46	19.96	23.87	0.244	1.000	Pass
	MCH	QPSK	1	49	1	0	22.7	19.85	25.38	0.345	1.000	Pass
			50	0	25	0	21.67	20.9	24.98	0.315	1.000	Pass
		16QAM	1	49	1	0	22.43	21.22	25.59	0.362	1.000	Pass
			50	0	25	0	20.72	20.09	24.08	0.256	1.000	Pass
	HCH	QPSK	1	49	1	0	20.54	21.21	24.42	0.277	1.000	Pass
			50	0	50	0	20.59	21.13	24.42	0.276	1.000	Pass
		16QAM	1	49	1	0	21.1	21.43	24.84	0.305	1.000	Pass
			50	0	50	0	20.32	20.83	24.13	0.259	1.000	Pass
10MHz + 10MHz	LCH	QPSK	1	49	1	0	22.21	19.19	24.85	0.305	1.000	Pass
			50	0	50	0	21.36	20.65	24.69	0.295	1.000	Pass
		16QAM	1	49	1	0	22.03	20.87	25.21	0.332	1.000	Pass
			50	0	50	0	20.38	21.08	24.28	0.268	1.000	Pass
	MCH	QPSK	1	49	1	0	22.5	19.65	25.18	0.330	1.000	Pass
			50	0	50	0	21.52	21.42	25.08	0.322	1.000	Pass
		16QAM	1	49	1	0	22.32	21.5	25.61	0.364	1.000	Pass
			50	0	50	0	20.54	20.64	24.18	0.262	1.000	Pass
	HCH	QPSK	1	49	1	0	22.45	19.56	25.12	0.325	1.000	Pass
			50	0	50	0	21.55	20.68	24.83	0.304	1.000	Pass
		16QAM	1	49	1	0	22.26	21.08	25.43	0.349	1.000	Pass
			50	0	50	0	20.59	20.54	24.17	0.261	1.000	Pass
10MHz + 15MHz	LCH	QPSK	1	49	1	0	22.47	19.14	25.03	0.319	1.000	Pass
			50	0	75	0	21.62	20.67	24.87	0.307	1.000	Pass
		16QAM	1	49	1	0	22.26	20.85	25.36	0.343	1.000	Pass
			50	0	75	0	20.59	20.8	24.28	0.268	1.000	Pass
	MCH	QPSK	1	49	1	0	22.66	19.49	25.26	0.336	1.000	Pass
			50	0	75	0	21.68	21.15	25.08	0.322	1.000	Pass
		16QAM	1	49	1	0	21.93	21.04	25.20	0.331	1.000	Pass

			50	0	75	0	20.62	20.32	24.11	0.257	1.000	Pass
	HCH	QPSK	1	49	1	0	22.56	19.75	25.25	0.335	1.000	Pass
			50	0	75	0	21.65	20.93	24.98	0.315	1.000	Pass
		16QAM	1	49	1	0	22.29	20.68	25.32	0.341	1.000	Pass
			50	0	75	0	20.66	20.06	24.03	0.253	1.000	Pass
10MHz + 20MHz	LCH	QPSK	1	49	1	0	20.58	21.12	24.41	0.276	1.000	Pass
			50	0	100	0	20.8	21.29	24.60	0.289	1.000	Pass
		16QAM	1	49	1	0	20.62	21.05	24.40	0.275	1.000	Pass
			50	0	100	0	20.54	21.02	24.34	0.272	1.000	Pass
	MCH	QPSK	1	49	1	0	22.71	19.27	25.25	0.335	1.000	Pass
			50	0	100	0	21.64	21	25.00	0.316	1.000	Pass
		16QAM	1	49	1	0	21.99	20.85	25.17	0.329	1.000	Pass
			50	0	100	0	20.62	20.17	24.05	0.254	1.000	Pass
	HCH	QPSK	1	49	1	0	22.59	19.82	25.29	0.338	1.000	Pass
			50	0	100	0	21.59	20.97	24.96	0.313	1.000	Pass
		16QAM	1	49	1	0	22.34	20.55	25.32	0.340	1.000	Pass
			50	0	100	0	20.62	20.14	24.04	0.253	1.000	Pass
15MHz + 5MHz	LCH	QPSK	1	74	1	0	20.55	21.59	24.60	0.288	1.000	Pass
			75	0	25	0	20.69	21.28	24.54	0.284	1.000	Pass
		16QAM	1	74	1	0	20.93	20.79	24.48	0.280	1.000	Pass
			75	0	25	0	20.45	20.37	24.02	0.252	1.000	Pass
	MCH	QPSK	1	74	1	0	22.52	19.85	25.25	0.335	1.000	Pass
			75	0	25	0	21.5	20.88	24.87	0.307	1.000	Pass
		16QAM	1	74	1	0	22.29	21.12	25.46	0.352	1.000	Pass
			75	0	25	0	20.53	20.05	23.95	0.248	1.000	Pass
	HCH	QPSK	1	74	1	0	22.46	19.07	25.01	0.317	1.000	Pass
			75	0	25	0	21.47	20.43	24.69	0.294	1.000	Pass
		16QAM	1	74	1	0	22.22	20.76	25.30	0.339	1.000	Pass
			75	0	25	0	20.53	20.06	23.95	0.248	1.000	Pass
15MHz + 10MHz	LCH	QPSK	1	74	1	0	22.49	19.2	25.06	0.321	1.000	Pass
			75	0	50	0	21.51	20.88	24.87	0.307	1.000	Pass
		16QAM	1	74	1	0	21.93	20.48	25.01	0.317	1.000	Pass
			75	0	50	0	20.55	20.37	24.08	0.256	1.000	Pass
	MCH	QPSK	1	74	1	0	22.53	19.96	25.28	0.338	1.000	Pass
			75	0	50	0	21.56	21.13	25.00	0.316	1.000	Pass
		16QAM	1	74	1	0	22.29	21.38	25.55	0.359	1.000	Pass
			75	0	50	0	20.6	20.31	24.09	0.256	1.000	Pass
	HCH	QPSK	1	74	1	0	22.56	19.51	25.19	0.330	1.000	Pass
			75	0	50	0	21.52	20.74	24.83	0.304	1.000	Pass
		16QAM	1	74	1	0	22.03	20.35	25.04	0.319	1.000	Pass
			75	0	50	0	20.57	19.91	23.92	0.247	1.000	Pass
15MHz +	LCH	QPSK	1	74	1	0	22.38	19.1	24.95	0.313	1.000	Pass
			75	0	75	0	21.5	20.73	24.81	0.303	1.000	Pass

15MHz		16QAM	1	74	1	0	22.16	20.61	25.21	0.332	1.000	Pass
			75	0	75	0	20.55	20.4	24.09	0.257	1.000	Pass
	MCH	QPSK	1	74	1	0	22.55	19.69	25.23	0.333	1.000	Pass
			75	0	75	0	21.57	21.01	24.96	0.313	1.000	Pass
		16QAM	1	74	1	0	22.31	21.39	25.57	0.361	1.000	Pass
			75	0	75	0	20.55	20.23	24.03	0.253	1.000	Pass
	HCH	QPSK	1	74	1	0	22.58	19.7	25.25	0.335	1.000	Pass
			75	0	75	0	21.55	20.57	24.79	0.301	1.000	Pass
		16QAM	1	74	1	0	21.79	20.1	24.80	0.302	1.000	Pass
			75	0	75	0	20.62	19.76	23.90	0.246	1.000	Pass
15MHz + 20MHz	LCH	QPSK	1	74	1	0	22.46	19.16	25.03	0.318	1.000	Pass
			75	0	100	0	21.49	20.8	24.83	0.304	1.000	Pass
		16QAM	1	74	1	0	21.96	20.4	25.01	0.317	1.000	Pass
			75	0	100	0	20.51	20.6	24.15	0.260	1.000	Pass
	MCH	QPSK	1	74	1	0	22.59	19.47	25.20	0.331	1.000	Pass
			75	0	100	0	21.6	20.82	24.91	0.310	1.000	Pass
		16QAM	1	74	1	0	22.39	21.28	25.58	0.362	1.000	Pass
			25	0	50	0	20.54	20.02	23.94	0.248	1.000	Pass
	HCH	QPSK	1	74	1	0	22.6	19.83	25.30	0.339	1.000	Pass
			75	0	100	0	21.56	20.6	24.81	0.302	1.000	Pass
		16QAM	1	74	1	0	21.99	20.18	24.96	0.313	1.000	Pass
			75	0	100	0	20.57	19.85	23.90	0.246	1.000	Pass
20MHz + 5MHz	LCH	QPSK	1	99	1	0	20.67	21.55	24.64	0.291	1.000	Pass
			100	0	25	0	20.75	21.34	24.60	0.288	1.000	Pass
		16QAM	1	99	1	0	21.06	20.75	24.54	0.285	1.000	Pass
			100	0	25	0	20.44	20.65	24.13	0.259	1.000	Pass
	MCH	QPSK	1	99	1	0	22.69	19.64	25.32	0.340	1.000	Pass
			100	0	25	0	21.5	20.81	24.84	0.305	1.000	Pass
		16QAM	1	99	1	0	22.29	20.48	25.26	0.336	1.000	Pass
			100	0	25	0	20.55	20.1	23.98	0.250	1.000	Pass
	HCH	QPSK	1	99	1	0	22.76	19.08	25.24	0.334	1.000	Pass
			100	0	25	0	21.68	20.48	24.84	0.305	1.000	Pass
		16QAM	1	99	1	0	21.7	20.3	24.80	0.302	1.000	Pass
			100	0	25	0	20.7	19.91	24.01	0.252	1.000	Pass
20MHz + 10MHz	LCH	QPSK	1	99	1	0	22.54	19.37	25.14	0.327	1.000	Pass
			100	0	50	0	21.61	21.01	24.98	0.315	1.000	Pass
		16QAM	1	99	1	0	22.19	20.14	25.09	0.323	1.000	Pass
			100	0	50	0	20.6	20.37	24.11	0.258	1.000	Pass
	MCH	QPSK	1	99	1	0	22.78	19.71	25.40	0.347	1.000	Pass
			100	0	50	0	21.57	20.84	24.90	0.309	1.000	Pass
		16QAM	1	99	1	0	21.9	20.66	25.05	0.320	1.000	Pass
			100	0	50	0	20.54	20.01	23.94	0.248	1.000	Pass
	HCH	QPSK	1	99	1	0	22.62	19.62	25.26	0.336	1.000	Pass

			100	0	50	0	21.66	20.82	24.95	0.312	1.000	Pass
		16QAM	1	99	1	0	22.21	20.07	25.08	0.322	1.000	Pass
			100	0	50	0	20.71	20	24.04	0.254	1.000	Pass
20MHz + 15MHz	LCH	QPSK	1	99	1	0	22.44	19.14	25.01	0.317	1.000	Pass
			100	0	75	0	21.57	20.78	24.88	0.307	1.000	Pass
		16QAM	1	99	1	0	22.3	20.2	25.18	0.330	1.000	Pass
			100	0	75	0	20.55	20.58	24.16	0.261	1.000	Pass
	MCH	QPSK	1	99	1	0	22.82	19.47	25.38	0.345	1.000	Pass
			100	0	75	0	21.53	20.72	24.83	0.304	1.000	Pass
		16QAM	1	99	1	0	21.77	20.51	24.91	0.310	1.000	Pass
			100	0	75	0	20.59	21.32	24.50	0.282	1.000	Pass
	HCH	QPSK	1	99	1	0	22.63	19.81	25.32	0.340	1.000	Pass
			100	0	75	0	21.73	20.7	24.95	0.313	1.000	Pass
		16QAM	1	99	1	0	22	20.1	24.94	0.312	1.000	Pass
			100	0	75	0	20.74	19.75	23.98	0.250	1.000	Pass
20MHz + 20MHz	LCH	QPSK	1	99	1	0	22.43	19.12	25.00	0.316	1.000	Pass
			100	0	100	0	21.53	20.75	24.84	0.305	1.000	Pass
		16QAM	1	99	1	0	22.16	20.22	25.09	0.323	1.000	Pass
			100	0	100	0	20.57	20.81	24.27	0.267	1.000	Pass
	MCH	QPSK	1	99	1	0	22.75	19.35	25.30	0.339	1.000	Pass
			100	0	100	0	21.51	21.31	25.03	0.319	1.000	Pass
		16QAM	1	99	1	0	21.88	20.68	25.04	0.319	1.000	Pass
			100	0	100	0	20.54	20.38	24.08	0.256	1.000	Pass
	HCH	QPSK	1	99	1	0	22.7	19.96	25.41	0.347	1.000	Pass
			100	0	100	0	21.73	20.61	24.92	0.311	1.000	Pass
		16QAM	1	99	1	0	21.97	19.98	24.89	0.308	1.000	Pass
			100	0	100	0	20.72	19.77	23.97	0.249	1.000	Pass

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	PI2-BPSK	12	6	24.61	0.065	7.000	Pass
			1	1	24.83	0.069	7.000	Pass
			1	23	24.71	0.067	7.000	Pass
		QPSK	12	6	24.52	0.064	7.000	Pass
			1	1	24.77	0.068	7.000	Pass
			1	23	24.52	0.064	7.000	Pass
	MCH	PI2-BPSK	12	6	24.44	0.063	7.000	Pass
			1	1	24.56	0.065	7.000	Pass
			1	23	24.6	0.065	7.000	Pass
		QPSK	12	6	24.43	0.063	7.000	Pass
			1	1	24.53	0.064	7.000	Pass
			1	23	24.64	0.066	7.000	Pass
	HCH	PI2-BPSK	12	6	24.38	0.062	7.000	Pass
			1	1	24.54	0.064	7.000	Pass
			1	23	24.57	0.065	7.000	Pass
		QPSK	12	6	24.32	0.061	7.000	Pass
			1	1	24.54	0.064	7.000	Pass
			1	23	24.15	0.059	7.000	Pass
15	LCH	PI2-BPSK	36	18	24.5	0.064	7.000	Pass
			1	1	24.74	0.067	7.000	Pass
			1	77	24.54	0.064	7.000	Pass
		QPSK	36	18	24.44	0.063	7.000	Pass
			1	1	24.6	0.065	7.000	Pass
			1	77	24.5	0.064	7.000	Pass
	MCH	PI2-BPSK	36	18	24.56	0.065	7.000	Pass
			1	1	24.58	0.065	7.000	Pass
			1	77	24.44	0.063	7.000	Pass
		QPSK	36	18	24.49	0.064	7.000	Pass
			1	1	24.37	0.062	7.000	Pass
			1	77	24.42	0.063	7.000	Pass
	HCH	PI2-BPSK	36	18	24.44	0.063	7.000	Pass
			1	1	24.54	0.064	7.000	Pass
			1	77	24.42	0.063	7.000	Pass
		QPSK	36	18	24.51	0.064	7.000	Pass
			1	1	24.55	0.065	7.000	Pass
			1	77	24.01	0.057	7.000	Pass
20	LCH	PI2-BPSK	50	25	24.56	0.065	7.000	Pass
			1	1	24.74	0.067	7.000	Pass

			1	104	24.49	0.064	7.000	Pass
		QPSK	50	25	24.48	0.064	7.000	Pass
			1	1	24.58	0.065	7.000	Pass
			1	104	24.41	0.063	7.000	Pass
	MCH	PI2-BPSK	50	25	24.59	0.065	7.000	Pass
			1	1	24.64	0.066	7.000	Pass
			1	104	24.45	0.063	7.000	Pass
		QPSK	50	25	24.49	0.064	7.000	Pass
			1	1	24.43	0.063	7.000	Pass
			1	104	24.35	0.062	7.000	Pass
	HCH	PI2-BPSK	50	25	24.53	0.064	7.000	Pass
			1	1	24.57	0.065	7.000	Pass
			1	104	24.45	0.063	7.000	Pass
		QPSK	50	25	24.54	0.064	7.000	Pass
			1	1	24.34	0.062	7.000	Pass
			1	104	24.02	0.057	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	PI2-BPSK	12	6	24.96	0.286	2.000	Pass
			1	1	25.08	0.294	2.000	Pass
			1	23	25.1	0.295	2.000	Pass
		QPSK	12	6	25	0.288	2.000	Pass
			1	1	25.06	0.292	2.000	Pass
			1	23	24.98	0.287	2.000	Pass
	MCH	PI2-BPSK	12	6	24.81	0.276	2.000	Pass
			1	1	24.86	0.279	2.000	Pass
			1	23	24.98	0.287	2.000	Pass
		QPSK	12	6	24.86	0.279	2.000	Pass
			1	1	24.93	0.284	2.000	Pass
			1	23	25.01	0.289	2.000	Pass
	HCH	PI2-BPSK	12	6	25.27	0.307	2.000	Pass
			1	1	25.18	0.301	2.000	Pass
			1	23	25.32	0.310	2.000	Pass
		QPSK	12	6	25.16	0.299	2.000	Pass
			1	1	25.19	0.301	2.000	Pass
			1	23	25.36	0.313	2.000	Pass
15	LCH	PI2-BPSK	36	18	24.81	0.276	2.000	Pass
			1	1	24.93	0.284	2.000	Pass
			1	77	24.72	0.270	2.000	Pass
		QPSK	36	18	24.87	0.280	2.000	Pass
			1	1	24.89	0.281	2.000	Pass
			1	77	24.76	0.273	2.000	Pass
	MCH	PI2-BPSK	36	18	24.86	0.279	2.000	Pass
			1	1	24.8	0.275	2.000	Pass
			1	77	24.86	0.279	2.000	Pass
		QPSK	36	18	24.93	0.284	2.000	Pass
			1	1	24.73	0.271	2.000	Pass
			1	77	24.87	0.280	2.000	Pass
	HCH	PI2-BPSK	36	18	24.98	0.287	2.000	Pass
			1	1	24.91	0.282	2.000	Pass
			1	77	25.25	0.305	2.000	Pass
		QPSK	36	18	25.08	0.294	2.000	Pass
			1	1	24.98	0.287	2.000	Pass
			1	77	25.23	0.304	2.000	Pass
20	LCH	PI2-BPSK	50	25	24.92	0.283	2.000	Pass
			1	1	25	0.288	2.000	Pass

			1	104	24.75	0.272	2.000	Pass
		QPSK	50	25	24.93	0.284	2.000	Pass
			1	1	24.96	0.286	2.000	Pass
			1	104	24.77	0.274	2.000	Pass
	MCH	PI2-BPSK	50	25	24.92	0.283	2.000	Pass
			1	1	24.77	0.274	2.000	Pass
			1	104	24.82	0.277	2.000	Pass
		QPSK	50	25	24.97	0.286	2.000	Pass
			1	1	24.78	0.274	2.000	Pass
			1	104	24.84	0.278	2.000	Pass
	HCH	PI2-BPSK	50	25	25	0.288	2.000	Pass
			1	1	24.87	0.280	2.000	Pass
			1	104	25.29	0.308	2.000	Pass
		QPSK	50	25	25.07	0.293	2.000	Pass
			1	1	24.83	0.277	2.000	Pass
			1	104	25.27	0.307	2.000	Pass

Test BW	Test Channel	Test Mode	UL RB Number	UL RB Position	Conducted Output AV Power(dBm)	EIRP (W)	Limit (W)	Verdict
NR Band n38								
20	LCH	PI2-BPSK	25	12	24.85	0.299	2.000	Pass
			1	1	24.8	0.295	2.000	Pass
			1	49	24.84	0.298	2.000	Pass
		QPSK	25	12	24.84	0.298	2.000	Pass
			1	1	24.8	0.295	2.000	Pass
			1	49	24.82	0.296	2.000	Pass
	MCH	PI2-BPSK	25	12	24.79	0.294	2.000	Pass
			1	1	24.73	0.290	2.000	Pass
			1	49	24.85	0.299	2.000	Pass
		QPSK	25	12	24.81	0.296	2.000	Pass
			1	1	24.75	0.292	2.000	Pass
			1	49	24.85	0.299	2.000	Pass
	HCH	PI2-BPSK	25	12	24.86	0.299	2.000	Pass
			1	1	24.85	0.299	2.000	Pass
			1	49	24.82	0.296	2.000	Pass
		QPSK	25	12	24.94	0.305	2.000	Pass
			1	1	24.89	0.301	2.000	Pass
			1	49	24.85	0.299	2.000	Pass
30	LCH	PI2-BPSK	36	18	24.89	0.301	2.000	Pass
			1	1	24.96	0.306	2.000	Pass
			1	76	24.86	0.299	2.000	Pass
		QPSK	36	18	24.9	0.302	2.000	Pass
			1	1	24.97	0.307	2.000	Pass
			1	76	24.91	0.303	2.000	Pass
	MCH	PI2-BPSK	36	18	24.78	0.294	2.000	Pass
			1	1	24.92	0.303	2.000	Pass
			1	76	24.82	0.296	2.000	Pass
		QPSK	36	18	24.78	0.294	2.000	Pass
			1	1	24.97	0.307	2.000	Pass
			1	76	24.8	0.295	2.000	Pass
	HCH	PI2-BPSK	36	18	24.85	0.299	2.000	Pass
			1	1	24.86	0.299	2.000	Pass
			1	76	24.89	0.301	2.000	Pass
		QPSK	36	18	24.85	0.299	2.000	Pass
			1	1	24.85	0.299	2.000	Pass
			1	76	24.9	0.302	2.000	Pass
40	LCH	PI2-BPSK	50	25	24.78	0.294	2.000	Pass
			1	1	24.93	0.304	2.000	Pass

			1	104	24.79	0.294	2.000	Pass
		QPSK	50	25	24.76	0.292	2.000	Pass
			1	1	24.98	0.308	2.000	Pass
			1	104	24.89	0.301	2.000	Pass
	MCH	PI2-BPSK	50	25	24.81	0.296	2.000	Pass
			1	1	24.98	0.308	2.000	Pass
			1	104	24.89	0.301	2.000	Pass
		QPSK	50	25	24.75	0.292	2.000	Pass
			1	1	24.97	0.307	2.000	Pass
			1	104	24.92	0.303	2.000	Pass
	HCH	PI2-BPSK	50	25	24.8	0.295	2.000	Pass
			1	1	24.94	0.305	2.000	Pass
			1	104	24.8	0.295	2.000	Pass
		QPSK	50	25	24.85	0.299	2.000	Pass
			1	1	25	0.309	2.000	Pass
			1	104	24.88	0.301	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	24.76	0.249	2.000	Pass
			1	1	24.76	0.249	2.000	Pass
			1	49	24.67	0.244	2.000	Pass
		QPSK	25	12	24.73	0.247	2.000	Pass
			1	1	24.76	0.249	2.000	Pass
			1	49	24.66	0.243	2.000	Pass
	MCH	PI/2 BPSK	25	12	24.7	0.245	2.000	Pass
			1	1	24.82	0.252	2.000	Pass
			1	49	24.73	0.247	2.000	Pass
		QPSK	25	12	24.72	0.247	2.000	Pass
			1	1	24.78	0.250	2.000	Pass
			1	49	24.77	0.249	2.000	Pass
	HCH	PI/2 BPSK	25	12	24.61	0.240	2.000	Pass
			1	1	24.62	0.241	2.000	Pass
			1	49	24.47	0.233	2.000	Pass
		QPSK	25	12	24.6	0.240	2.000	Pass
			1	1	24.67	0.244	2.000	Pass
			1	49	24.5	0.234	2.000	Pass
60	LCH	PI/2 BPSK	81	40	24.81	0.252	2.000	Pass
			1	1	24.77	0.249	2.000	Pass
			1	160	24.84	0.254	2.000	Pass
		QPSK	81	40	24.8	0.251	2.000	Pass
			1	1	24.83	0.253	2.000	Pass
			1	160	24.92	0.258	2.000	Pass
	MCH	PI/2 BPSK	81	40	24.77	0.249	2.000	Pass
			1	1	24.81	0.252	2.000	Pass
			1	160	24.62	0.241	2.000	Pass
		QPSK	81	40	24.77	0.249	2.000	Pass
			1	1	24.85	0.254	2.000	Pass
			1	160	24.6	0.240	2.000	Pass
	HCH	PI/2 BPSK	81	40	24.7	0.245	2.000	Pass
			1	1	24.65	0.243	2.000	Pass
			1	160	24.4	0.229	2.000	Pass
		QPSK	81	40	24.61	0.240	2.000	Pass
			1	1	24.72	0.247	2.000	Pass
			1	160	24.4	0.229	2.000	Pass
100	LCH	PI/2 BPSK	135	67	24.59	0.239	2.000	Pass
			1	1	24.55	0.237	2.000	Pass

			1	271	24.54	0.237	2.000	Pass
		QPSK	135	67	24.59	0.239	2.000	Pass
			1	1	24.59	0.239	2.000	Pass
			1	271	24.55	0.237	2.000	Pass
	MCH	PI/2 BPSK	135	67	24.59	0.239	2.000	Pass
			1	1	24.62	0.241	2.000	Pass
			1	271	24.32	0.225	2.000	Pass
		QPSK	135	67	24.59	0.239	2.000	Pass
			1	1	24.56	0.238	2.000	Pass
			1	271	24.39	0.229	2.000	Pass
	HCH	PI/2 BPSK	135	67	24.5	0.234	2.000	Pass
			1	1	24.52	0.236	2.000	Pass
			1	271	24.18	0.218	2.000	Pass
		QPSK	135	67	24.48	0.233	2.000	Pass
			1	1	24.52	0.236	2.000	Pass
			1	271	24.21	0.219	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 n77(3450-3550MHz)								
20	LCH	PI2-BPSK	25	12	25.83	0.290	1.000	Pass
			1	1	25.86	0.292	1.000	Pass
			1	49	25.7	0.282	1.000	Pass
		QPSK	25	12	25.85	0.292	1.000	Pass
			1	1	25.88	0.294	1.000	Pass
			1	49	25.68	0.281	1.000	Pass
	MCH	PI2-BPSK	25	12	25.8	0.288	1.000	Pass
			1	1	25.8	0.288	1.000	Pass
			1	49	25.76	0.286	1.000	Pass
		QPSK	25	12	25.73	0.284	1.000	Pass
			1	1	25.8	0.288	1.000	Pass
			1	49	25.77	0.286	1.000	Pass
	HCH	PI2-BPSK	25	12	25.67	0.280	1.000	Pass
			1	1	25.66	0.279	1.000	Pass
			1	49	25.8	0.288	1.000	Pass
		QPSK	25	12	25.65	0.279	1.000	Pass
			1	1	25.73	0.284	1.000	Pass
			1	49	25.82	0.290	1.000	Pass
50	LCH	PI2-BPSK	64	32	25.48	0.268	1.000	Pass
			1	1	25.66	0.279	1.000	Pass
			1	131	25.63	0.277	1.000	Pass
		QPSK	64	32	25.44	0.265	1.000	Pass
			1	1	25.69	0.281	1.000	Pass
			1	131	25.61	0.276	1.000	Pass
	MCH	PI2-BPSK	64	32	25.56	0.273	1.000	Pass
			1	1	25.39	0.262	1.000	Pass
			1	131	25.32	0.258	1.000	Pass
		QPSK	64	32	25.55	0.272	1.000	Pass
			1	1	25.41	0.264	1.000	Pass
			1	131	25.33	0.259	1.000	Pass
	HCH	PI2-BPSK	64	32	25.45	0.266	1.000	Pass
			1	1	25.68	0.281	1.000	Pass
			1	131	25.5	0.269	1.000	Pass
		QPSK	64	32	25.45	0.266	1.000	Pass
			1	1	25.68	0.281	1.000	Pass
			1	131	25.56	0.273	1.000	Pass
100	L/M/H CH	PI2-BPSK	135	67	25.38	0.262	1.000	Pass
			1	1	25.42	0.264	1.000	Pass

			1	271	25.55	0.272	1.000	Pass
		QPSK	135	67	25.37	0.261	1.000	Pass
			1	1	25.45	0.266	1.000	Pass
			1	271	25.54	0.272	1.000	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 n77(3700-3980MHz)								
20	LCH	PI2-BPSK	25	12	26.02	0.303	1.000	Pass
			1	1	25.98	0.301	1.000	Pass
			1	49	25.92	0.296	1.000	Pass
		QPSK	25	12	26.02	0.303	1.000	Pass
			1	1	25.97	0.300	1.000	Pass
			1	49	25.91	0.296	1.000	Pass
	MCH	PI2-BPSK	25	12	26.17	0.314	1.000	Pass
			1	1	26.14	0.312	1.000	Pass
			1	49	26.21	0.317	1.000	Pass
		QPSK	25	12	26.18	0.315	1.000	Pass
			1	1	26.14	0.312	1.000	Pass
			1	49	26.2	0.316	1.000	Pass
	HCH	PI2-BPSK	25	12	26.12	0.310	1.000	Pass
			1	1	26.23	0.318	1.000	Pass
			1	49	25.94	0.298	1.000	Pass
		QPSK	25	12	26	0.302	1.000	Pass
			1	1	26.14	0.312	1.000	Pass
			1	49	25.89	0.294	1.000	Pass
50	LCH	PI2-BPSK	64	32	25.88	0.294	1.000	Pass
			1	1	26.06	0.306	1.000	Pass
			1	131	25.73	0.284	1.000	Pass
		QPSK	64	32	25.88	0.294	1.000	Pass
			1	1	26.09	0.308	1.000	Pass
			1	131	25.71	0.282	1.000	Pass
	MCH	PI2-BPSK	64	32	26.03	0.304	1.000	Pass
			1	1	26.16	0.313	1.000	Pass
			1	131	26.11	0.310	1.000	Pass
		QPSK	64	32	26.04	0.305	1.000	Pass
			1	1	26.2	0.316	1.000	Pass
			1	131	26.12	0.310	1.000	Pass
	HCH	PI2-BPSK	64	32	25.88	0.294	1.000	Pass
			1	1	26.05	0.305	1.000	Pass
			1	131	25.7	0.282	1.000	Pass
		QPSK	64	32	25.89	0.294	1.000	Pass
			1	1	26.1	0.309	1.000	Pass
			1	131	25.69	0.281	1.000	Pass
100	LCH	PI2-BPSK	135	67	25.69	0.281	1.000	Pass
			1	1	25.81	0.289	1.000	Pass

			1	271	25.48	0.268	1.000	Pass
		QPSK	135	67	25.66	0.279	1.000	Pass
			1	1	25.82	0.290	1.000	Pass
			1	271	25.49	0.269	1.000	Pass
	MCH	PI2-BPSK	135	67	25.92	0.296	1.000	Pass
			1	1	25.84	0.291	1.000	Pass
			1	271	25.88	0.294	1.000	Pass
		QPSK	135	67	25.91	0.296	1.000	Pass
			1	1	25.88	0.294	1.000	Pass
			1	271	25.91	0.296	1.000	Pass
	HCH	PI2-BPSK	135	67	25.89	0.294	1.000	Pass
			1	1	25.92	0.296	1.000	Pass
			1	271	25.7	0.282	1.000	Pass
		QPSK	135	67	25.91	0.296	1.000	Pass
			1	1	25.88	0.294	1.000	Pass
			1	271	25.67	0.280	1.000	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 n78(3450-3550MHz)								
20	LCH	PI2-BPSK	25	12	26.86	0.368	1.000	Pass
			1	1	26.95	0.376	1.000	Pass
			1	49	26.88	0.370	1.000	Pass
		QPSK	25	12	26.81	0.364	1.000	Pass
			1	1	27	0.380	1.000	Pass
			1	49	26.94	0.375	1.000	Pass
	MCH	PI2-BPSK	25	12	26.91	0.372	1.000	Pass
			1	1	27.16	0.394	1.000	Pass
			1	49	26.92	0.373	1.000	Pass
		QPSK	25	12	26.9	0.372	1.000	Pass
			1	1	27.25	0.403	1.000	Pass
			1	49	26.92	0.373	1.000	Pass
	HCH	PI2-BPSK	25	12	27.21	0.399	1.000	Pass
			1	1	27.08	0.387	1.000	Pass
			1	49	27.19	0.397	1.000	Pass
		QPSK	25	12	27.18	0.396	1.000	Pass
			1	1	27.09	0.388	1.000	Pass
			1	49	27.2	0.398	1.000	Pass
50	LCH	PI2-BPSK	64	32	26.82	0.365	1.000	Pass
			1	1	26.76	0.360	1.000	Pass
			1	131	26.59	0.346	1.000	Pass
		QPSK	64	32	26.86	0.368	1.000	Pass
			1	1	26.79	0.362	1.000	Pass
			1	131	26.66	0.352	1.000	Pass
	MCH	PI2-BPSK	64	32	26.78	0.361	1.000	Pass
			1	1	26.9	0.372	1.000	Pass
			1	131	26.73	0.357	1.000	Pass
		QPSK	64	32	26.78	0.361	1.000	Pass
			1	1	26.92	0.373	1.000	Pass
			1	131	26.76	0.360	1.000	Pass
	HCH	PI2-BPSK	64	32	27.07	0.386	1.000	Pass
			1	1	26.98	0.378	1.000	Pass
			1	131	27.18	0.396	1.000	Pass
		QPSK	64	32	27.07	0.386	1.000	Pass
			1	1	27.02	0.382	1.000	Pass
			1	131	27.18	0.396	1.000	Pass
100	L/M/H CH	PI2-BPSK	135	67	26.72	0.356	1.000	Pass
			1	1	26.74	0.358	1.000	Pass

			1	271	26.88	0.370	1.000	Pass
		QPSK	135	67	26.74	0.358	1.000	Pass
			1	1	26.74	0.358	1.000	Pass
			1	271	26.9	0.372	1.000	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 n78(3700-3800MHz)								
20	LCH	PI2-BPSK	25	12	27.24	0.402	1.000	Pass
			1	1	27.41	0.418	1.000	Pass
			1	49	27.1	0.389	1.000	Pass
		QPSK	25	12	27.25	0.403	1.000	Pass
			1	1	27.46	0.423	1.000	Pass
			1	49	27.11	0.390	1.000	Pass
	MCH	PI2-BPSK	25	12	27.32	0.409	1.000	Pass
			1	1	27.23	0.401	1.000	Pass
			1	49	27.24	0.402	1.000	Pass
		QPSK	25	12	27.31	0.408	1.000	Pass
			1	1	27.24	0.402	1.000	Pass
			1	49	27.21	0.399	1.000	Pass
	HCH	PI2-BPSK	25	12	27.33	0.410	1.000	Pass
			1	1	27.47	0.424	1.000	Pass
			1	49	27.28	0.406	1.000	Pass
		QPSK	25	12	27.33	0.410	1.000	Pass
			1	1	27.48	0.425	1.000	Pass
			1	49	27.31	0.408	1.000	Pass
50	LCH	PI2-BPSK	64	32	27.05	0.385	1.000	Pass
			1	1	27.28	0.406	1.000	Pass
			1	131	27.05	0.385	1.000	Pass
		QPSK	64	32	27.05	0.385	1.000	Pass
			1	1	27.27	0.405	1.000	Pass
			1	131	27.03	0.383	1.000	Pass
	MCH	PI2-BPSK	64	32	27.09	0.388	1.000	Pass
			1	1	26.98	0.378	1.000	Pass
			1	131	26.93	0.374	1.000	Pass
		QPSK	64	32	27.14	0.393	1.000	Pass
			1	1	27.03	0.383	1.000	Pass
			1	131	26.97	0.378	1.000	Pass
	HCH	PI2-BPSK	64	32	27.17	0.395	1.000	Pass
			1	1	27.23	0.401	1.000	Pass
			1	131	26.97	0.378	1.000	Pass
		QPSK	64	32	27.16	0.394	1.000	Pass
			1	1	27.25	0.403	1.000	Pass
			1	131	26.96	0.377	1.000	Pass
100	L/M/H CH	PI2-BPSK	135	67	27.12	0.391	1.000	Pass
			1	1	27.25	0.403	1.000	Pass

			1	271	27.11	0.390	1.000	Pass
		QPSK	135	67	27.09	0.388	1.000	Pass
			1	1	27.15	0.394	1.000	Pass
			1	271	27.09	0.388	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_n78A (3450-3550MHz)												
20MHz(LTE)+ 20MHz(NR)	LCH	PI2-BPSK	25	12	0	0	23.26	-35.64	23.26	0.161	1.000	Pass
			1	1	0	0	23.23	-35.67	23.23	0.160	1.000	Pass
			1	49	0	0	23.14	-35.66	23.14	0.156	1.000	Pass
		QPSK	25	12	0	0	23.23	-35.65	23.23	0.160	1.000	Pass
			1	1	0	0	23.29	-35.62	23.29	0.162	1.000	Pass
			1	49	0	0	23.08	-35.68	23.08	0.154	1.000	Pass
	MCH	PI2-BPSK	25	12	0	0	23.26	-35.66	23.26	0.161	1.000	Pass
			1	1	0	0	23.12	-35.65	23.12	0.156	1.000	Pass
			1	49	0	0	23.16	-35.63	23.16	0.157	1.000	Pass
		QPSK	25	12	0	0	23.31	-35.61	23.31	0.163	1.000	Pass
			1	1	0	0	23.12	-35.67	23.12	0.156	1.000	Pass
			1	49	0	0	23.3	-35.64	23.3	0.162	1.000	Pass
	HCH	PI2-BPSK	25	12	0	0	23.15	-35.52	23.15	0.157	1.000	Pass
			1	1	0	0	23.05	-35.55	23.05	0.153	1.000	Pass
			1	49	0	0	23.25	-35.64	23.25	0.160	1.000	Pass
		QPSK	25	12	0	0	23.09	-35.53	23.09	0.155	1.000	Pass
			1	1	0	0	23.11	-35.54	23.11	0.155	1.000	Pass
			1	49	0	0	23.39	-35.59	23.39	0.166	1.000	Pass
20MHz(LTE)+ 50MHz(NR)	LCH	PI2-BPSK	64	32	0	0	23.01	-35.66	23.01	0.152	1.000	Pass
			1	1	0	0	23.07	-35.66	23.07	0.154	1.000	Pass
			1	131	0	0	23.03	-35.74	23.03	0.152	1.000	Pass
		QPSK	64	32	0	0	22.95	-35.65	22.95	0.150	1.000	Pass
			1	1	0	0	23.18	-35.65	23.18	0.158	1.000	Pass
			1	131	0	0	23.14	-35.68	23.14	0.156	1.000	Pass
	MCH	PI2-BPSK	64	32	0	0	22.99	-35.67	22.99	0.151	1.000	Pass
			1	1	0	0	22.79	-35.64	22.79	0.144	1.000	Pass
			1	131	0	0	22.83	-35.65	22.83	0.146	1.000	Pass
		QPSK	64	32	0	0	23.01	-35.7	23.01	0.152	1.000	Pass
			1	1	0	0	22.74	-35.65	22.74	0.143	1.000	Pass
			1	131	0	0	22.82	-35.6	22.82	0.145	1.000	Pass
	HCH	PI2-BPSK	64	32	0	0	22.94	-35.57	22.94	0.149	1.000	Pass
			1	1	0	0	23	-35.52	23	0.151	1.000	Pass
			1	131	0	0	23.04	-35.31	23.04	0.153	1.000	Pass
		QPSK	64	32	0	0	22.97	-35.26	22.97	0.150	1.000	Pass
			1	1	0	0	22.97	-35.59	22.97	0.150	1.000	Pass
			1	131	0	0	23.07	-35.52	23.07	0.154	1.000	Pass

20MHz(LTE)+ 100MHz(NR)	LCH	PI2-BPSK	135	67	0	0	22.86	-35.66	22.86	0.147	1.000	Pass
			1	1	0	0	22.93	-35.66	22.93	0.149	1.000	Pass
			1	271	0	0	22.94	-35.63	22.94	0.149	1.000	Pass
		QPSK	135	67	0	0	22.93	-35.68	22.93	0.149	1.000	Pass
			1	1	0	0	22.95	-35.57	22.95	0.150	1.000	Pass
			1	271	0	0	22.97	-35.69	22.97	0.150	1.000	Pass
	MCH	PI2-BPSK	135	67	0	0	22.95	-35.68	22.95	0.150	1.000	Pass
			1	1	0	0	22.93	-35.63	22.93	0.149	1.000	Pass
			1	271	0	0	23.03	-35.67	23.03	0.152	1.000	Pass
		QPSK	135	67	0	0	22.93	-35.61	22.93	0.149	1.000	Pass
			1	1	0	0	22.97	-35.66	22.97	0.150	1.000	Pass
			1	271	0	0	22.92	-35.66	22.92	0.149	1.000	Pass
	HCH	PI2-BPSK	135	67	0	0	22.85	-35.6	22.85	0.146	1.000	Pass
			1	1	0	0	22.92	-35.55	22.92	0.149	1.000	Pass
			1	271	0	0	22.91	-35.55	22.91	0.148	1.000	Pass
		QPSK	135	67	0	0	22.9	-35.56	22.9	0.148	1.000	Pass
			1	1	0	0	22.9	-35.57	22.9	0.148	1.000	Pass
			1	271	0	0	22.92	-35.58	22.92	0.149	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_n78A (3700-3800MHz)												
20MHz(LTE)+ 20MHz(NR)	LCH	PI2-BPSK	25	12	0	0	23.53	-35.68	23.53	0.171	7.000	Pass
			1	1	0	0	23.66	-35.68	23.66	0.176	7.000	Pass
			1	49	0	0	23.52	-35.65	23.52	0.171	7.000	Pass
		QPSK	25	12	0	0	23.58	-35.68	23.58	0.173	7.000	Pass
			1	1	0	0	23.7	-35.64	23.7	0.178	7.000	Pass
			1	49	0	0	23.52	-35.69	23.52	0.171	7.000	Pass
	MCH	PI2-BPSK	25	12	0	0	23.62	-35.66	23.62	0.175	7.000	Pass
			1	1	0	0	23.5	-35.6	23.5	0.170	7.000	Pass
			1	49	0	0	23.53	-35.7	23.53	0.171	7.000	Pass
		QPSK	25	12	0	0	23.48	-35.64	23.48	0.169	7.000	Pass
			1	1	0	0	23.57	-35.64	23.57	0.173	7.000	Pass
			1	49	0	0	23.56	-35.68	23.56	0.172	7.000	Pass
	HCH	PI2-BPSK	25	12	0	0	23.44	-35.56	23.44	0.167	1.000	Pass
			1	1	0	0	23.45	-35.55	23.45	0.168	1.000	Pass
			1	49	0	0	23.33	-35.55	23.33	0.163	1.000	Pass
		QPSK	25	12	0	0	23.29	-35.58	23.29	0.162	1.000	Pass
			1	1	0	0	23.43	-35.58	23.43	0.167	1.000	Pass
			1	49	0	0	23.4	-35.54	23.4	0.166	1.000	Pass
20MHz(LTE)+ 50MHz(NR)	LCH	PI2-BPSK	64	32	0	0	23.38	-35.66	23.38	0.165	1.000	Pass
			1	1	0	0	23.57	-35.62	23.57	0.173	1.000	Pass
			1	131	0	0	23.33	-35.63	23.33	0.163	1.000	Pass
		QPSK	64	32	0	0	23.33	-35.64	23.33	0.163	1.000	Pass
			1	1	0	0	23.61	-35.63	23.61	0.174	1.000	Pass
			1	131	0	0	23.23	-35.69	23.23	0.160	1.000	Pass
	MCH	PI2-BPSK	64	32	0	0	23.36	-35.67	23.36	0.164	1.000	Pass
			1	1	0	0	23.2	-35.7	23.2	0.158	1.000	Pass
			1	131	0	0	23.22	-35.68	23.22	0.159	1.000	Pass
		QPSK	64	32	0	0	23.22	-35.61	23.22	0.159	1.000	Pass
			1	1	0	0	23.2	-35.68	23.21	0.159	1.000	Pass
			1	131	0	0	23.19	-35.67	23.19	0.158	1.000	Pass
	HCH	PI2-BPSK	64	32	0	0	23.31	-35.57	23.31	0.163	1.000	Pass
			1	1	0	0	23.46	-35.51	23.46	0.168	1.000	Pass
			1	131	0	0	23.25	-35.53	23.25	0.160	1.000	Pass
		QPSK	64	32	0	0	23.26	-35.65	23.26	0.161	1.000	Pass
			1	1	0	0	23.37	-35.6	23.37	0.165	1.000	Pass
			1	131	0	0	23.22	-35.53	23.22	0.159	1.000	Pass

20MHz(LTE)+ 100MHz(NR)	LCH	PI2-BPSK	135	67	0	0	23.3	-35.64	23.31	0.163	1.000	Pass
			1	1	0	0	23.41	-35.69	23.41	0.166	1.000	Pass
			1	271	0	0	23.2	-35.65	23.2	0.158	1.000	Pass
		QPSK	135	67	0	0	23.18	-35.63	23.18	0.158	1.000	Pass
			1	1	0	0	23.44	-35.66	23.44	0.167	1.000	Pass
			1	271	0	0	23.37	-35.66	23.37	0.165	1.000	Pass
	MCH	PI2-BPSK	135	67	0	0	23.29	-35.72	23.29	0.162	1.000	Pass
			1	1	0	0	23.41	-35.68	23.41	0.166	1.000	Pass
			1	271	0	0	23.2	-35.73	23.2	0.158	1.000	Pass
		QPSK	135	67	0	0	23.27	-35.72	23.27	0.161	1.000	Pass
			1	1	0	0	23.48	-35.64	23.48	0.169	1.000	Pass
			1	271	0	0	23.3	-35.65	23.31	0.163	1.000	Pass
	HCH	PI2-BPSK	135	67	0	0	23.26	-35.58	23.26	0.161	1.000	Pass
			1	1	0	0	23.46	-35.61	23.46	0.168	1.000	Pass
			1	271	0	0	23.24	-35.55	23.24	0.160	1.000	Pass
		QPSK	135	67	0	0	23.15	-35.52	23.15	0.157	1.000	Pass
			1	1	0	0	23.48	-35.61	23.48	0.169	1.000	Pass
			1	271	0	0	23.16	-35.5	23.16	0.157	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_n78A (3450-3550MHz)												
10MHz(LTE)+ 20MHz(NR)	LCH	PI2-BPSK	25	12	0	0	23.23	-39.64	23.23	0.160	1.000	Pass
			1	1	0	0	23.22	-39.51	23.22	0.159	1.000	Pass
			1	49	0	0	23.06	-39.55	23.06	0.153	1.000	Pass
		QPSK	25	12	0	0	23.2	-39.48	23.2	0.158	1.000	Pass
			1	1	0	0	23.28	-39.45	23.28	0.161	1.000	Pass
			1	49	0	0	23.09	-39.45	23.09	0.155	1.000	Pass
	MCH	PI2-BPSK	25	12	0	0	23.22	-39.51	23.22	0.159	1.000	Pass
			1	1	0	0	23.19	-39.45	23.19	0.158	1.000	Pass
			1	49	0	0	23.23	-39.48	23.24	0.160	1.000	Pass
		QPSK	25	12	0	0	23.17	-39.49	23.17	0.157	1.000	Pass
			1	1	0	0	23.18	-39.44	23.18	0.158	1.000	Pass
			1	49	0	0	23.22	-39.58	23.22	0.159	1.000	Pass
	HCH	PI2-BPSK	25	12	0	0	23.2	-39.38	23.2	0.158	1.000	Pass
			1	1	0	0	23	-39.59	23	0.151	1.000	Pass
			1	49	0	0	23.21	-39.46	23.21	0.159	1.000	Pass
		QPSK	25	12	0	0	23.14	-39.46	23.14	0.156	1.000	Pass
			1	1	0	0	23.07	-39.42	23.07	0.154	1.000	Pass
			1	49	0	0	23.2	-39.5	23.21	0.159	1.000	Pass
10MHz(LTE)+ 50MHz(NR)	LCH	PI2-BPSK	64	32	0	0	22.96	-39.44	22.96	0.150	1.000	Pass
			1	1	0	0	23.04	-39.48	23.04	0.153	1.000	Pass
			1	131	0	0	23.09	-39.51	23.09	0.155	1.000	Pass
		QPSK	64	32	0	0	22.9	-39.45	22.9	0.148	1.000	Pass
			1	1	0	0	23.13	-39.54	23.13	0.156	1.000	Pass
			1	131	0	0	23.09	-39.51	23.09	0.155	1.000	Pass
	MCH	PI2-BPSK	64	32	0	0	22.99	-39.48	22.99	0.151	1.000	Pass
			1	1	0	0	22.69	-39.48	22.69	0.141	1.000	Pass
			1	131	0	0	22.84	-39.5	22.84	0.146	1.000	Pass
		QPSK	64	32	0	0	23.04	-39.39	23.04	0.153	1.000	Pass
			1	1	0	0	22.71	-39.52	22.71	0.142	1.000	Pass
			1	131	0	0	22.83	-39.45	22.83	0.146	1.000	Pass
	HCH	PI2-BPSK	64	32	0	0	23.01	-39.41	23.01	0.152	1.000	Pass
			1	1	0	0	23.1	-39.53	23.1	0.155	1.000	Pass
			1	131	0	0	23.02	-39.5	23.02	0.152	1.000	Pass
		QPSK	64	32	0	0	22.93	-39.45	22.93	0.149	1.000	Pass
			1	1	0	0	23.01	-39.49	23.01	0.152	1.000	Pass
			1	131	0	0	23.06	-39.48	23.06	0.153	1.000	Pass

10MHz(LTE)+ 100MHz(NR)	LCH	PI2-BPSK	135	67	0	0	22.86	-39.54	22.86	0.147	1.000	Pass
			1	1	0	0	22.94	-39.5	22.94	0.149	1.000	Pass
			1	271	0	0	22.93	-39.47	22.93	0.149	1.000	Pass
		QPSK	135	67	0	0	22.89	-39.53	22.89	0.148	1.000	Pass
			1	1	0	0	22.98	-39.58	22.98	0.151	1.000	Pass
			1	271	0	0	22.97	-39.41	22.97	0.150	1.000	Pass
	MCH	PI2-BPSK	135	67	0	0	22.85	-39.42	22.85	0.146	1.000	Pass
			1	1	0	0	22.92	-39.48	22.92	0.149	1.000	Pass
			1	271	0	0	23.02	-39.44	23.02	0.152	1.000	Pass
		QPSK	135	67	0	0	22.92	-39.5	22.92	0.149	1.000	Pass
			1	1	0	0	22.98	-39.43	22.98	0.151	1.000	Pass
			1	271	0	0	23.06	-39.48	23.06	0.153	1.000	Pass
	HCH	PI2-BPSK	135	67	0	0	22.95	-39.48	22.96	0.150	1.000	Pass
			1	1	0	0	22.92	-39.46	22.92	0.149	1.000	Pass
			1	271	0	0	23.03	-39.53	23.03	0.152	1.000	Pass
		QPSK	135	67	0	0	22.8	-39.49	22.8	0.145	1.000	Pass
			1	1	0	0	22.91	-39.43	22.91	0.148	1.000	Pass
			1	271	0	0	23	-39.42	23	0.151	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_n78A (3700-3800MHz)												
10MHz(LTE)+ 20MHz(NR)	LCH	PI2-BPSK	25	12	0	0	23.59	-39.43	23.59	0.173	1.000	Pass
			1	1	0	0	23.71	-39.55	23.71	0.178	1.000	Pass
			1	49	0	0	23.48	-39.41	23.48	0.169	1.000	Pass
		QPSK	25	12	0	0	23.55	-39.48	23.55	0.172	1.000	Pass
			1	1	0	0	23.62	-39.48	23.62	0.175	1.000	Pass
			1	49	0	0	23.53	-39.48	23.53	0.171	1.000	Pass
	MCH	PI2-BPSK	25	12	0	0	23.5	-39.46	23.5	0.170	1.000	Pass
			1	1	0	0	23.48	-39.46	23.48	0.169	1.000	Pass
			1	49	0	0	23.52	-39.47	23.52	0.171	1.000	Pass
		QPSK	25	12	0	0	23.45	-39.48	23.45	0.168	1.000	Pass
			1	1	0	0	23.53	-39.45	23.53	0.171	1.000	Pass
			1	49	0	0	23.5	-39.53	23.5	0.170	1.000	Pass
	HCH	PI2-BPSK	25	12	0	0	23.41	-39.45	23.41	0.166	1.000	Pass
			1	1	0	0	23.42	-39.49	23.42	0.167	1.000	Pass
			1	49	0	0	23.3	-39.45	23.3	0.162	1.000	Pass
		QPSK	25	12	0	0	23.38	-39.46	23.38	0.165	1.000	Pass
			1	1	0	0	23.41	-39.46	23.41	0.166	1.000	Pass
			1	49	0	0	23.46	-39.5	23.46	0.168	1.000	Pass
10MHz(LTE)+ 50MHz(NR)	LCH	PI2-BPSK	64	32	0	0	23.38	-39.46	23.38	0.165	1.000	Pass
			1	1	0	0	23.55	-39.49	23.55	0.172	1.000	Pass
			1	131	0	0	23.31	-39.44	23.31	0.163	1.000	Pass
		QPSK	64	32	0	0	23.32	-39.5	23.32	0.163	1.000	Pass
			1	1	0	0	23.5	-39.46	23.5	0.170	1.000	Pass
			1	131	0	0	23.22	-39.49	23.22	0.159	1.000	Pass
	MCH	PI2-BPSK	64	32	0	0	23.36	-39.44	23.36	0.164	1.000	Pass
			1	1	0	0	23.29	-39.5	23.29	0.162	1.000	Pass
			1	131	0	0	23.12	-39.51	23.12	0.156	1.000	Pass
		QPSK	64	32	0	0	23.3	-39.49	23.3	0.162	1.000	Pass
			1	1	0	0	23.34	-39.51	23.34	0.164	1.000	Pass
			1	131	0	0	23.19	-39.42	23.19	0.158	1.000	Pass
	HCH	PI2-BPSK	64	32	0	0	23.2	-39.52	23.2	0.158	1.000	Pass
			1	1	0	0	23.35	-39.51	23.35	0.164	1.000	Pass
			1	131	0	0	23.15	-39.5	23.15	0.157	1.000	Pass
		QPSK	64	32	0	0	23.24	-39.57	23.24	0.160	1.000	Pass
			1	1	0	0	23.42	-39.53	23.42	0.167	1.000	Pass
			1	131	0	0	23.15	-39.47	23.15	0.157	1.000	Pass

10MHz(LTE)+ 100MHz(NR)	LCH	PI2-BPSK	135	67	0	0	23.3	-39.49	23.3	0.162	1.000	Pass
			1	1	0	0	23.38	-39.39	23.38	0.165	1.000	Pass
			1	271	0	0	23.3	-39.49	23.3	0.162	1.000	Pass
		QPSK	135	67	0	0	23.18	-39.48	23.18	0.158	1.000	Pass
			1	1	0	0	23.43	-39.46	23.43	0.167	1.000	Pass
			1	271	0	0	23.36	-39.49	23.36	0.164	1.000	Pass
	MCH	PI2-BPSK	135	67	0	0	23.29	-39.41	23.29	0.162	1.000	Pass
			1	1	0	0	23.37	-39.47	23.38	0.165	1.000	Pass
			1	271	0	0	23.27	-39.47	23.27	0.161	1.000	Pass
		QPSK	135	67	0	0	23.19	-39.49	23.19	0.158	1.000	Pass
			1	1	0	0	23.45	-39.56	23.45	0.168	1.000	Pass
			1	271	0	0	23.2	-39.53	23.2	0.158	1.000	Pass
	HCH	PI2-BPSK	135	67	0	0	23.3	-39.5	23.3	0.162	1.000	Pass
			1	1	0	0	23.4	-39.54	23.4	0.166	1.000	Pass
			1	271	0	0	23.2	-39.47	23.2	0.158	1.000	Pass
		QPSK	135	67	0	0	23.17	-39.54	23.17	0.157	1.000	Pass
			1	1	0	0	23.55	-39.48	23.55	0.172	1.000	Pass
			1	271	0	0	23.31	-39.49	23.31	0.163	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	PI2-BPSK	12	6	0	0	24.45	-35.66	24.45	0.104	7.000	Pass
			1	1	0	0	24.63	-35.73	24.63	0.108	7.000	Pass
			1	23	0	0	24.56	-35.73	24.56	0.106	7.000	Pass
		QPSK	12	6	0	0	24.19	-35.71	24.19	0.097	7.000	Pass
			1	1	0	0	24.41	-35.71	24.41	0.103	7.000	Pass
			1	23	0	0	24.36	-35.68	24.37	0.102	7.000	Pass
	MCH	PI2-BPSK	12	6	0	0	24.25	-35.59	24.25	0.099	7.000	Pass
			1	1	0	0	24.29	-35.64	24.29	0.100	7.000	Pass
			1	23	0	0	24.47	-35.56	24.47	0.104	7.000	Pass
		QPSK	12	6	0	0	24.29	-35.6	24.29	0.100	7.000	Pass
			1	1	0	0	24.34	-35.63	24.34	0.101	7.000	Pass
			1	23	0	0	24.44	-35.61	24.44	0.103	7.000	Pass
	HCH	PI2-BPSK	12	6	0	0	24.22	-35.57	24.22	0.098	7.000	Pass
			1	1	0	0	24.34	-35.5	24.34	0.101	7.000	Pass
			1	23	0	0	24.32	-35.53	24.32	0.100	7.000	Pass
		QPSK	12	6	0	0	24.13	-35.48	24.13	0.096	7.000	Pass
			1	1	0	0	24.3	-35.53	24.3	0.100	7.000	Pass
			1	23	0	0	24.09	-35.48	24.09	0.095	7.000	Pass
20MHz(LTE) + 15MHz(NR)	LCH	PI2-BPSK	36	18	0	0	24.24	-35.65	24.24	0.099	7.000	Pass
			1	1	0	0	24.54	-35.72	24.54	0.106	7.000	Pass
			1	77	0	0	24.43	-35.71	24.43	0.103	7.000	Pass
		QPSK	36	18	0	0	24.3	-35.65	24.3	0.100	7.000	Pass
			1	1	0	0	24.3	-35.7	24.3	0.100	7.000	Pass
			1	77	0	0	24.3	-35.78	24.3	0.100	7.000	Pass
	MCH	PI2-BPSK	36	18	0	0	24.41	-35.63	24.41	0.103	7.000	Pass
			1	1	0	0	24.43	-35.61	24.43	0.103	7.000	Pass
			1	77	0	0	24.29	-35.61	24.29	0.100	7.000	Pass
		QPSK	36	18	0	0	24.42	-35.64	24.42	0.103	7.000	Pass
			1	1	0	0	24.38	-35.61	24.38	0.102	7.000	Pass
			1	77	0	0	24.23	-35.59	24.23	0.098	7.000	Pass
	HCH	PI2-BPSK	36	18	0	0	24.21	-35.5	24.22	0.098	7.000	Pass
			1	1	0	0	24.41	-35.49	24.41	0.103	7.000	Pass
			1	77	0	0	24.18	-35.47	24.18	0.097	7.000	Pass
		QPSK	36	18	0	0	24.26	-35.46	24.26	0.099	7.000	Pass
			1	1	0	0	24.36	-35.51	24.36	0.101	7.000	Pass
			1	77	0	0	24.01	-35.48	24.01	0.094	7.000	Pass

20MHz(LTE) + 20MHz(NR)	LCH	PI2-BPSK	50	25	0	0	24.3	-35.73	24.3	0.100	7.000	Pass
			1	1	0	0	24.64	-35.81	24.64	0.108	7.000	Pass
			1	104	0	0	24.32	-35.7	24.32	0.100	7.000	Pass
		QPSK	50	25	0	0	24.37	-35.62	24.37	0.102	7.000	Pass
			1	1	0	0	24.32	-35.67	24.32	0.100	7.000	Pass
			1	104	0	0	24.2	-35.73	24.2	0.098	7.000	Pass
	MCH	PI2-BPSK	50	25	0	0	24.41	-35.57	24.41	0.103	7.000	Pass
			1	1	0	0	24.52	-35.62	24.53	0.105	7.000	Pass
			1	104	0	0	24.21	-35.63	24.21	0.098	7.000	Pass
		QPSK	50	25	0	0	24.36	-35.65	24.36	0.101	7.000	Pass
			1	1	0	0	24.24	-35.62	24.24	0.099	7.000	Pass
			1	104	0	0	24.19	-35.54	24.19	0.097	7.000	Pass
	HCH	PI2-BPSK	50	25	0	0	24.35	-35.47	24.35	0.101	7.000	Pass
			1	1	0	0	24.46	-35.43	24.46	0.104	7.000	Pass
			1	104	0	0	24.3	-35.53	24.3	0.100	7.000	Pass
		QPSK	50	25	0	0	24.33	-35.44	24.33	0.101	7.000	Pass
			1	1	0	0	24.33	-35.47	24.33	0.101	7.000	Pass
			1	104	0	0	24	-35.46	24	0.093	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_n78A (3450-3550MHz)												
20MHz(LTE)+ 20MHz(NR)	LCH	PI2-BPSK	25	12	0	0	23.6	-36.11	23.6	0.174	1.000	Pass
			1	1	0	0	23.59	-36.11	23.59	0.173	1.000	Pass
			1	49	0	0	23.43	-36.12	23.43	0.167	1.000	Pass
		QPSK	25	12	0	0	23.64	-36.08	23.64	0.175	1.000	Pass
			1	1	0	0	23.63	-36.11	23.63	0.175	1.000	Pass
			1	49	0	0	23.41	-36.11	23.41	0.166	1.000	Pass
	MCH	PI2-BPSK	25	12	0	0	23.16	-36.16	23.16	0.157	1.000	Pass
			1	1	0	0	23.14	-36.09	23.14	0.156	1.000	Pass
			1	49	0	0	23.15	-36.09	23.15	0.157	1.000	Pass
		QPSK	25	12	0	0	23.21	-36.09	23.21	0.159	1.000	Pass
			1	1	0	0	23.21	-36.15	23.21	0.159	1.000	Pass
			1	49	0	0	23.14	-36.07	23.14	0.156	1.000	Pass
	HCH	PI2-BPSK	25	12	0	0	23.16	-36.11	23.16	0.157	1.000	Pass
			1	1	0	0	23.04	-36.05	23.04	0.153	1.000	Pass
			1	49	0	0	23.16	-36.04	23.16	0.157	1.000	Pass
		QPSK	25	12	0	0	23.08	-36.06	23.08	0.154	1.000	Pass
			1	1	0	0	23.16	-36.1	23.16	0.157	1.000	Pass
			1	49	0	0	23.2	-36.03	23.2	0.158	1.000	Pass
20MHz(LTE)+ 50MHz(NR)	LCH	PI2-BPSK	64	32	0	0	22.91	-36.07	22.92	0.149	1.000	Pass
			1	1	0	0	23.1	-36.13	23.1	0.155	1.000	Pass
			1	131	0	0	23.06	-36.11	23.06	0.153	1.000	Pass
		QPSK	64	32	0	0	22.86	-36.06	22.86	0.147	1.000	Pass
			1	1	0	0	23.16	-36.09	23.17	0.157	1.000	Pass
			1	131	0	0	23.11	-36.04	23.11	0.155	1.000	Pass
	MCH	PI2-BPSK	64	32	0	0	23.05	-36.12	23.05	0.153	1.000	Pass
			1	1	0	0	22.67	-36.06	22.67	0.140	1.000	Pass
			1	131	0	0	22.92	-36.11	22.92	0.149	1.000	Pass
		QPSK	64	32	0	0	23.09	-36.04	23.09	0.155	1.000	Pass
			1	1	0	0	22.65	-36.09	22.65	0.140	1.000	Pass
			1	131	0	0	22.86	-36.12	22.86	0.147	1.000	Pass
	HCH	PI2-BPSK	64	32	0	0	22.97	-36.06	22.97	0.150	1.000	Pass
			1	1	0	0	23.08	-36.11	23.08	0.154	1.000	Pass
			1	131	0	0	22.99	-35.99	22.99	0.151	1.000	Pass
		QPSK	64	32	0	0	23.01	-36.1	23.01	0.152	1.000	Pass
			1	1	0	0	23.05	-36.04	23.05	0.153	1.000	Pass
			1	131	0	0	23.15	-36.03	23.15	0.157	1.000	Pass

20MHz(LTE)+ 100MHz(NR)	LCH	PI2-BPSK	135	67	0	0	22.94	-36.13	22.94	0.149	1.000	Pass
			1	1	0	0	22.96	-36.06	22.96	0.150	1.000	Pass
			1	271	0	0	23.07	-36.06	23.07	0.154	1.000	Pass
		QPSK	135	67	0	0	22.9	-36.03	22.9	0.148	1.000	Pass
			1	1	0	0	22.96	-36.12	22.96	0.150	1.000	Pass
			1	271	0	0	22.94	-36.13	22.94	0.149	1.000	Pass
	MCH	PI2-BPSK	135	67	0	0	22.84	-36.14	22.84	0.146	1.000	Pass
			1	1	0	0	22.96	-36.11	22.96	0.150	1.000	Pass
			1	271	0	0	22.96	-36.08	22.96	0.150	1.000	Pass
		QPSK	135	67	0	0	22.9	-36.09	22.9	0.148	1.000	Pass
			1	1	0	0	22.96	-36.08	22.96	0.150	1.000	Pass
			1	271	0	0	23.11	-36.09	23.11	0.155	1.000	Pass
	HCH	PI2-BPSK	135	67	0	0	22.93	-36.05	22.94	0.149	1.000	Pass
			1	1	0	0	22.94	-36.06	22.94	0.149	1.000	Pass
			1	271	0	0	23.04	-36.04	23.04	0.153	1.000	Pass
		QPSK	135	67	0	0	22.89	-36.12	22.89	0.148	1.000	Pass
			1	1	0	0	23	-36.01	23	0.151	1.000	Pass
			1	271	0	0	22.97	-36.02	22.97	0.150	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_7A_n78A (3700-3800MHz)												
20MHz(LTE)+ 20MHz(NR)	LCH	PI2-BPSK	25	12	0	0	23.53	-36.07	23.53	0.171	1.000	Pass
			1	1	0	0	23.65	-36.02	23.65	0.176	1.000	Pass
			1	49	0	0	23.51	-36.03	23.51	0.170	1.000	Pass
		QPSK	25	12	0	0	23.58	-36.09	23.58	0.173	1.000	Pass
			1	1	0	0	23.65	-36.07	23.65	0.176	1.000	Pass
			1	49	0	0	23.37	-36.09	23.37	0.165	1.000	Pass
	MCH	PI2-BPSK	25	12	0	0	23.51	-36.13	23.51	0.170	1.000	Pass
			1	1	0	0	23.52	-36.1	23.53	0.171	1.000	Pass
			1	49	0	0	23.55	-36.06	23.55	0.172	1.000	Pass
		QPSK	25	12	0	0	23.5	-36.05	23.5	0.170	1.000	Pass
			1	1	0	0	23.58	-36.1	23.58	0.173	1.000	Pass
			1	49	0	0	23.45	-36.05	23.45	0.168	1.000	Pass
	HCH	PI2-BPSK	25	12	0	0	23.38	-36.05	23.38	0.165	1.000	Pass
			1	1	0	0	23.47	-36.03	23.47	0.169	1.000	Pass
			1	49	0	0	23.35	-36.08	23.35	0.164	1.000	Pass
		QPSK	25	12	0	0	23.32	-36.03	23.32	0.163	1.000	Pass
			1	1	0	0	23.46	-36.05	23.46	0.168	1.000	Pass
			1	49	0	0	23.41	-36.05	23.41	0.166	1.000	Pass
20MHz(LTE)+ 50MHz(NR)	LCH	PI2-BPSK	64	32	0	0	23.3	-36.07	23.3	0.162	1.000	Pass
			1	1	0	0	23.58	-36.04	23.58	0.173	1.000	Pass
			1	131	0	0	23.27	-36.07	23.27	0.161	1.000	Pass
		QPSK	64	32	0	0	23.34	-36.1	23.35	0.164	1.000	Pass
			1	1	0	0	23.54	-36.04	23.54	0.171	1.000	Pass
			1	131	0	0	23.22	-36.03	23.22	0.159	1.000	Pass
	MCH	PI2-BPSK	64	32	0	0	23.29	-36.05	23.29	0.162	1.000	Pass
			1	1	0	0	23.23	-36.03	23.23	0.160	1.000	Pass
			1	131	0	0	23.16	-36.09	23.16	0.157	1.000	Pass
		QPSK	64	32	0	0	23.26	-36.13	23.26	0.161	1.000	Pass
			1	1	0	0	23.4	-36.03	23.4	0.166	1.000	Pass
			1	131	0	0	23.17	-36.05	23.17	0.157	1.000	Pass
	HCH	PI2-BPSK	64	32	0	0	23.25	-36.04	23.26	0.161	1.000	Pass
			1	1	0	0	23.31	-36.03	23.31	0.163	1.000	Pass
			1	131	0	0	23.21	-36.05	23.21	0.159	1.000	Pass
		QPSK	64	32	0	0	23.3	-36	23.3	0.162	1.000	Pass
			1	1	0	0	23.45	-36.1	23.45	0.168	1.000	Pass
			1	131	0	0	23.09	-36.05	23.09	0.155	1.000	Pass

20MHz(LTE)+ 100MHz(NR)	LCH	PI2-BPSK	135	67	0	0	23.27	-36.02	23.27	0.161	1.000	Pass
			1	1	0	0	23.34	-36.12	23.34	0.164	1.000	Pass
			1	271	0	0	23.26	-36.09	23.26	0.161	1.000	Pass
		QPSK	135	67	0	0	23.23	-36.1	23.23	0.160	1.000	Pass
			1	1	0	0	23.47	-36.06	23.47	0.169	1.000	Pass
			1	271	0	0	23.27	-36.04	23.27	0.161	1.000	Pass
	MCH	PI2-BPSK	135	67	0	0	23.24	-36.07	23.24	0.160	1.000	Pass
			1	1	0	0	23.42	-36.12	23.42	0.167	1.000	Pass
			1	271	0	0	23.25	-36.03	23.25	0.160	1.000	Pass
		QPSK	135	67	0	0	23.22	-36.1	23.22	0.159	1.000	Pass
			1	1	0	0	23.44	-36.12	23.44	0.167	1.000	Pass
			1	271	0	0	23.24	-36.03	23.24	0.160	1.000	Pass
	HCH	PI2-BPSK	135	67	0	0	23.26	-36.09	23.26	0.161	1.000	Pass
			1	1	0	0	23.43	-36.03	23.43	0.167	1.000	Pass
			1	271	0	0	23.24	-36.08	23.24	0.160	1.000	Pass
		QPSK	135	67	0	0	23.21	-36.03	23.22	0.159	1.000	Pass
			1	1	0	0	23.5	-36.07	23.5	0.170	1.000	Pass
			1	271	0	0	23.3	-36.05	23.3	0.162	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_41A_n78A (3450-3550MHz)												
20MHz(LTE)+ 20MHz(NR)	LCH	PI2-BPSK	25	12	0	0	23.67	-36.09	23.67	0.177	1.000	Pass
			1	1	0	0	23.54	-36.08	23.54	0.171	1.000	Pass
			1	49	0	0	23.4	-36.03	23.4	0.166	1.000	Pass
		QPSK	25	12	0	0	23.6	-36.04	23.6	0.174	1.000	Pass
			1	1	0	0	23.59	-36.03	23.59	0.173	1.000	Pass
			1	49	0	0	23.43	-36.05	23.43	0.167	1.000	Pass
	MCH	PI2-BPSK	25	12	0	0	23.66	-35.95	23.66	0.176	1.000	Pass
			1	1	0	0	23.52	-36.02	23.52	0.171	1.000	Pass
			1	49	0	0	23.46	-35.99	23.46	0.168	1.000	Pass
		QPSK	25	12	0	0	23.7	-35.99	23.7	0.178	1.000	Pass
			1	1	0	0	23.54	-35.97	23.54	0.171	1.000	Pass
			1	49	0	0	23.59	-36.02	23.59	0.173	1.000	Pass
	HCH	PI2-BPSK	25	12	0	0	23.21	-35.88	23.21	0.159	1.000	Pass
			1	1	0	0	23.11	-35.86	23.11	0.155	1.000	Pass
			1	49	0	0	23.12	-35.9	23.12	0.156	1.000	Pass
		QPSK	25	12	0	0	23.04	-35.91	23.04	0.153	1.000	Pass
			1	1	0	0	23.14	-35.91	23.14	0.156	1.000	Pass
			1	49	0	0	23.27	-35.91	23.27	0.161	1.000	Pass
20MHz(LTE)+ 50MHz(NR)	LCH	PI2-BPSK	64	32	0	0	22.87	-36.07	22.87	0.147	1.000	Pass
			1	1	0	0	23.16	-36.08	23.16	0.157	1.000	Pass
			1	131	0	0	23.11	-36.04	23.11	0.155	1.000	Pass
		QPSK	64	32	0	0	22.82	-36.08	22.83	0.146	1.000	Pass
			1	1	0	0	23.06	-36.04	23.06	0.153	1.000	Pass
			1	131	0	0	23.15	-36.14	23.15	0.157	1.000	Pass
	MCH	PI2-BPSK	64	32	0	0	23.02	-35.97	23.02	0.152	1.000	Pass
			1	1	0	0	22.82	-36.02	22.82	0.145	1.000	Pass
			1	131	0	0	22.87	-36.01	22.87	0.147	1.000	Pass
		QPSK	64	32	0	0	23.02	-35.92	23.02	0.152	1.000	Pass
			1	1	0	0	22.68	-35.98	22.68	0.141	1.000	Pass
			1	131	0	0	22.77	-35.92	22.77	0.144	1.000	Pass
	HCH	PI2-BPSK	64	32	0	0	22.95	-35.84	22.95	0.150	1.000	Pass
			1	1	0	0	23.05	-35.88	23.05	0.153	1.000	Pass
			1	131	0	0	22.96	-35.85	22.96	0.150	1.000	Pass
		QPSK	64	32	0	0	22.98	-35.84	22.98	0.151	1.000	Pass
			1	1	0	0	23.01	-35.82	23.01	0.152	1.000	Pass
			1	131	0	0	23.09	-35.87	23.09	0.155	1.000	Pass

20MHz(LTE)+ 100MHz(NR)	LCH	PI2-BPSK	135	67	0	0	22.91	-36.06	22.91	0.148	1.000	Pass
			1	1	0	0	22.87	-36.07	22.87	0.147	1.000	Pass
			1	271	0	0	22.98	-36.13	22.98	0.151	1.000	Pass
		QPSK	135	67	0	0	22.96	-36.09	22.96	0.150	1.000	Pass
			1	1	0	0	23.04	-36.1	23.04	0.153	1.000	Pass
			1	271	0	0	22.96	-36.05	22.96	0.150	1.000	Pass
	MCH	PI2-BPSK	135	67	0	0	22.8	-36.02	22.8	0.145	1.000	Pass
			1	1	0	0	22.98	-36.04	22.98	0.151	1.000	Pass
			1	271	0	0	22.98	-35.92	22.98	0.151	1.000	Pass
		QPSK	135	67	0	0	22.86	-35.95	22.86	0.147	1.000	Pass
			1	1	0	0	23.03	-35.97	23.03	0.152	1.000	Pass
			1	271	0	0	22.96	-35.98	22.96	0.150	1.000	Pass
	HCH	PI2-BPSK	135	67	0	0	22.89	-35.86	22.89	0.148	1.000	Pass
			1	1	0	0	22.88	-35.89	22.88	0.147	1.000	Pass
			1	271	0	0	22.98	-35.84	22.98	0.151	1.000	Pass
		QPSK	135	67	0	0	22.86	-35.84	22.86	0.147	1.000	Pass
			1	1	0	0	23.03	-35.84	23.03	0.152	1.000	Pass
			1	271	0	0	22.97	-35.91	22.97	0.150	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_41A_n78A (3700-3800MHz)												
20MHz(LTE)+ 20MHz(NR)	LCH	PI2-BPSK	25	12	0	0	23.55	-36.02	23.55	0.172	1.000	Pass
			1	1	0	0	23.67	-36.12	23.67	0.177	1.000	Pass
			1	49	0	0	23.45	-36.06	23.45	0.168	1.000	Pass
		QPSK	25	12	0	0	23.61	-36.12	23.61	0.174	1.000	Pass
			1	1	0	0	23.73	-36.03	23.73	0.179	1.000	Pass
			1	49	0	0	23.5	-36.08	23.5	0.170	1.000	Pass
	MCH	PI2-BPSK	25	12	0	0	23.44	-35.99	23.44	0.167	1.000	Pass
			1	1	0	0	23.43	-35.95	23.43	0.167	1.000	Pass
			1	49	0	0	23.56	-35.98	23.56	0.172	1.000	Pass
		QPSK	25	12	0	0	23.52	-35.97	23.52	0.171	1.000	Pass
			1	1	0	0	23.59	-35.94	23.59	0.173	1.000	Pass
			1	49	0	0	23.63	-35.97	23.63	0.175	1.000	Pass
	HCH	PI2-BPSK	25	12	0	0	23.47	-35.83	23.47	0.169	1.000	Pass
			1	1	0	0	23.39	-35.83	23.39	0.166	1.000	Pass
			1	49	0	0	23.37	-35.87	23.37	0.165	1.000	Pass
		QPSK	25	12	0	0	23.34	-35.83	23.34	0.164	1.000	Pass
			1	1	0	0	23.48	-35.85	23.48	0.169	1.000	Pass
			1	49	0	0	23.28	-35.83	23.28	0.161	1.000	Pass
20MHz(LTE)+ 50MHz(NR)	LCH	PI2-BPSK	64	32	0	0	23.33	-36.12	23.33	0.163	1.000	Pass
			1	1	0	0	23.62	-36.1	23.62	0.175	1.000	Pass
			1	131	0	0	23.28	-36.08	23.28	0.161	1.000	Pass
		QPSK	64	32	0	0	23.27	-36.04	23.28	0.161	1.000	Pass
			1	1	0	0	23.66	-36.12	23.66	0.176	1.000	Pass
			1	131	0	0	23.25	-36.07	23.25	0.160	1.000	Pass
	MCH	PI2-BPSK	64	32	0	0	23.43	-36	23.43	0.167	1.000	Pass
			1	1	0	0	23.14	-35.98	23.14	0.156	1.000	Pass
			1	131	0	0	23.18	-35.95	23.18	0.158	1.000	Pass
		QPSK	64	32	0	0	23.27	-35.97	23.27	0.161	1.000	Pass
			1	1	0	0	23.31	-36.01	23.31	0.163	1.000	Pass
			1	131	0	0	23.25	-35.99	23.26	0.161	1.000	Pass
	HCH	PI2-BPSK	64	32	0	0	23.27	-35.85	23.27	0.161	1.000	Pass
			1	1	0	0	23.42	-35.83	23.42	0.167	1.000	Pass
			1	131	0	0	23.01	-35.88	23.01	0.152	1.000	Pass
		QPSK	64	32	0	0	23.32	-35.81	23.32	0.163	1.000	Pass
			1	1	0	0	23.47	-35.87	23.47	0.169	1.000	Pass
			1	131	0	0	23.18	-35.8	23.18	0.158	1.000	Pass

20MHz(LTE)+ 100MHz(NR)	LCH	PI2-BPSK	135	67	0	0	23.27	-36.05	23.27	0.161	1.000	Pass
			1	1	0	0	23.48	-36.04	23.48	0.169	1.000	Pass
			1	271	0	0	23.28	-36.06	23.28	0.161	1.000	Pass
		QPSK	135	67	0	0	23.15	-36.09	23.15	0.157	1.000	Pass
			1	1	0	0	23.54	-36.04	23.54	0.171	1.000	Pass
			1	271	0	0	23.29	-36.05	23.29	0.162	1.000	Pass
	MCH	PI2-BPSK	135	67	0	0	23.27	-35.97	23.27	0.161	1.000	Pass
			1	1	0	0	23.37	-35.92	23.37	0.165	1.000	Pass
			1	271	0	0	23.26	-35.98	23.26	0.161	1.000	Pass
		QPSK	135	67	0	0	23.17	-35.91	23.17	0.157	1.000	Pass
			1	1	0	0	23.54	-35.98	23.54	0.171	1.000	Pass
			1	271	0	0	23.29	-35.92	23.29	0.162	1.000	Pass
	HCH	PI2-BPSK	135	67	0	0	23.27	-35.85	23.27	0.161	1.000	Pass
			1	1	0	0	23.46	-35.84	23.46	0.168	1.000	Pass
			1	271	0	0	23.26	-35.82	23.26	0.161	1.000	Pass
		QPSK	135	67	0	0	23.24	-35.82	23.24	0.160	1.000	Pass
			1	1	0	0	23.54	-35.81	23.54	0.171	1.000	Pass
			1	271	0	0	23.29	-35.79	23.29	0.162	1.000	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-SZ2290497-501 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	2.67	13	1.1	Pass
	MCH	2.86	13	1.2	Pass
	HCH	2.72	13	1.3	Pass
Band 4	LCH	2.91	13	2.1	Pass
	MCH	3.05	13	2.2	Pass
	HCH	2.81	13	2.3	Pass
Band 5	LCH	2.91	13	3.1	Pass
	MCH	2.95	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	3.19	13	4.1	Pass
				RB100#0	5.06	13	4.2	Pass
			16-QAM	RB1#0	4.45	13	4.3	Pass
				RB100#0	5.86	13	4.4	Pass
		MCH	QPSK	RB1#0	3.37	13	4.5	Pass
				RB100#0	5.25	13	4.6	Pass
			16-QAM	RB1#0	5.11	13	4.7	Pass
				RB100#0	6	13	4.8	Pass
		HCH	QPSK	RB1#0	3.19	13	4.9	Pass
				RB100#0	5.11	13	4.10	Pass
			16-QAM	RB1#0	4.69	13	4.11	Pass
				RB100#0	5.81	13	4.12	Pass
LTE Band 4	20 MHz	LCH	QPSK	RB1#0	3.37	13	5.1	Pass
				RB100#0	5.06	13	5.2	Pass
			16-QAM	RB1#0	4.73	13	5.3	Pass
				RB100#0	5.86	13	5.4	Pass
		MCH	QPSK	RB1#0	3.33	13	5.5	Pass
				RB100#0	5.11	13	5.6	Pass
			16-QAM	RB1#0	4.97	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	5.91	13	5.8	Pass
		HCH	QPSK	RB1#0	3.37	13	5.9	Pass
				RB100#0	5.11	13	5.10	Pass
			16-QAM	RB1#0	5.06	13	5.11	Pass
				RB100#0	5.91	13	5.12	Pass
LTE Band 5	10 MHz	LCH	QPSK	RB1#0	3.09	13	6.1	Pass
				RB50#0	4.97	13	6.2	Pass
			16-QAM	RB1#0	4.41	13	6.3	Pass
				RB50#0	5.81	13	6.4	Pass
		MCH	QPSK	RB1#0	3.28	13	6.5	Pass
				RB50#0	5.06	13	6.6	Pass
			16-QAM	RB1#0	4.83	13	6.7	Pass
				RB50#0	5.91	13	6.8	Pass
		HCH	QPSK	RB1#0	3.28	13	6.9	Pass
				RB50#0	4.92	13	6.10	Pass
			16-QAM	RB1#0	4.83	13	6.11	Pass
				RB50#0	5.77	13	6.12	Pass
LTE Band 7	20 MHz	LCH	QPSK	RB1#0	3.19	13	7.1	Pass
				RB100#0	4.87	13	7.2	Pass
			16-QAM	RB1#0	4.36	13	7.3	Pass
				RB100#0	5.67	13	7.4	Pass
		MCH	QPSK	RB1#0	3.23	13	7.5	Pass
				RB100#0	4.97	13	7.6	Pass
			16-QAM	RB1#0	4.69	13	7.7	Pass
				RB100#0	5.77	13	7.8	Pass
		HCH	QPSK	RB1#0	3.19	13	7.9	Pass
				RB100#0	4.78	13	7.10	Pass
			16-QAM	RB1#0	4.64	13	7.11	Pass
				RB100#0	5.53	13	7.12	Pass
LTE Band 38	20 MHz	LCH	QPSK	RB1#0	7.17	13	8.1	Pass
				RB100#0	8.81	13	8.2	Pass
			16-QAM	RB1#0	8.86	13	8.3	Pass
				RB100#0	9.56	13	8.4	Pass
		MCH	QPSK	RB1#0	7.22	13	8.5	Pass
				RB100#0	8.81	13	8.6	Pass
			16-QAM	RB1#0	8.72	13	8.7	Pass
				RB100#0	9.56	13	8.8	Pass
		HCH	QPSK	RB1#0	7.31	13	8.9	Pass
				RB100#0	8.86	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	9	13	8.11	Pass
				RB100#0	9.56	13	8.12	Pass
LTE Band 41	20 MHz	LCH	QPSK	RB1#0	7.22	13	9.1	Pass
				RB100#0	8.86	13	9.2	Pass
			16-QAM	RB1#0	8.72	13	9.3	Pass
				RB100#0	9.7	13	9.4	Pass
		MCH	QPSK	RB1#0	7.27	13	9.5	Pass
				RB100#0	8.86	13	9.6	Pass
			16-QAM	RB1#0	8.91	13	9.7	Pass
				RB100#0	9.56	13	9.8	Pass
		HCH	QPSK	RB1#0	7.31	13	9.9	Pass
				RB100#0	8.91	13	9.10	Pass
			16-QAM	RB1#0	9.09	13	9.11	Pass
				RB100#0	9.7	13	9.12	Pass

Test Channel	Modulation	PCC RB		SCC RB		Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot Note 2	Verdict
		Size	Offset	Size	Offset				
CA_7C									
10MHz+20MHz									
Mid	QPSK	50	0	100	0	5.72	13	10.1	Pass
	16-QAM	50	0	100	0	6.47	13	10.2	Pass
20MHz+10MHz									
Mid	QPSK	100	0	50	0	5.77	13	10.3	Pass
	16-QAM	100	0	50	0	6.47	13	10.4	Pass
15MHz+15MHz									
Mid	QPSK	75	0	75	0	5.81	13	10.5	Pass
	16-QAM	75	0	75	0	6.56	13	10.6	Pass
15MHz+20MHz									
Mid	QPSK	75	0	100	0	5.62	13	10.7	Pass
	16-QAM	75	0	100	0	6.37	13	10.8	Pass
20MHz+15MHz									
Mid	QPSK	100	0	75	0	5.62	13	10.9	Pass
	16-QAM	100	0	75	0	6.37	13	10.10	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	0	5.62	13	10.11	Pass
	16-QAM	100	0	100	0	6.42	13	10.12	Pass

Test Channel	Modulation	PCC RB		SCC RB		Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot Note 2	Verdict
		Size	Offset	Size	Offset				
CA_38C									
15MHz+15MHz									
Mid	QPSK	75	0	75	0	9.98	13	11.1	Pass
	16-QAM	75	0	75	0	10.45	13	11.2	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	0	9.8	13	11.3	Pass
	16-QAM	100	0	100	0	10.22	13	11.4	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	PI2-BPSK	1	0	3.33	13	12.1	Pass
				100	0	3.89	13	12.2	Pass
			QPSK	1	0	4.31	13	12.3	Pass
				100	0	4.97	13	12.4	Pass
		MCH	PI2-BPSK	1	0	3.37	13	12.5	Pass
				100	0	3.7	13	12.6	Pass
			QPSK	1	0	4.5	13	12.7	Pass
				100	0	4.97	13	12.8	Pass
		HCH	PI2-BPSK	1	0	3.47	13	12.9	Pass
				100	0	3.66	13	12.10	Pass
			QPSK	1	0	4.69	13	12.11	Pass
				100	0	4.87	13	12.12	Pass
n7	20 MHz	LCH	PI2-BPSK	1	0	3.23	13	13.1	Pass
				100	0	3.84	13	13.2	Pass
			QPSK	1	0	4.12	13	13.3	Pass
				100	0	4.97	13	13.4	Pass
		MCH	PI2-BPSK	1	0	3.66	13	13.5	Pass
				100	0	3.89	13	13.6	Pass
			QPSK	1	0	4.5	13	13.7	Pass
				100	0	5.06	13	13.8	Pass
		HCH	PI2-BPSK	1	0	3.47	13	13.9	Pass
				100	0	3.8	13	13.10	Pass
			QPSK	1	0	4.22	13	13.11	Pass
				100	0	4.87	13	13.12	Pass
n38	20 MHz	LCH	PI2-BPSK	1	0	3.52	13	14.1	Pass
				50	0	4.03	13	14.2	Pass
			QPSK	1	0	4.36	13	14.3	Pass
				50	0	5.25	13	14.4	Pass
		MCH	PI2-BPSK	1	0	3.61	13	14.5	Pass
				50	0	3.89	13	14.6	Pass
			QPSK	1	0	4.45	13	14.7	Pass
				50	0	5.11	13	14.8	Pass
		HCH	PI2-BPSK	1	0	3.80	13	14.9	Pass
				50	0	4.17	13	14.10	Pass
			QPSK	1	0	4.64	13	14.11	Pass
				50	0	5.44	13	14.12	Pass
n41	20 MHz	LCH	PI2-BPSK	1	0	3.80	13	15.1	Pass
				50	0	4.03	13	15.2	Pass
			QPSK	1	0	4.78	13	15.3	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
				50	0	5.34	13	15.4	Pass
		MCH	PI2-BPSK	1	0	3.75	13	15.5	Pass
				50	0	3.98	13	15.6	Pass
			QPSK	1	0	4.69	13	15.7	Pass
				50	0	5.20	13	15.8	Pass
		HCH	PI2-BPSK	1	0	3.94	13	15.9	Pass
				50	0	4.13	13	15.10	Pass
			QPSK	1	0	4.88	13	15.11	Pass
				50	0	5.39	13	15.12	Pass
n77 (3450-3550MHz)	20 MHz	LCH	PI2-BPSK	1	0	4.31	13	16.1	Pass
				50	0	3.75	13	16.2	Pass
			QPSK	1	0	5.30	13	16.3	Pass
				50	0	4.78	13	16.4	Pass
		MCH	PI2-BPSK	1	0	4.31	13	16.5	Pass
				50	0	3.66	13	16.6	Pass
			QPSK	1	0	5.25	13	16.7	Pass
				50	0	4.69	13	16.8	Pass
		HCH	PI2-BPSK	1	0	4.17	13	16.9	Pass
				50	0	3.52	13	16.10	Pass
			QPSK	1	0	5.02	13	16.11	Pass
				50	0	4.50	13	16.12	Pass
n77 (3700-3980MHz)	20 MHz	LCH	PI2-BPSK	1	0	4.13	13	17.1	Pass
				50	0	3.33	13	17.2	Pass
			QPSK	1	0	4.83	13	17.3	Pass
				50	0	4.31	13	17.4	Pass
		MCH	PI2-BPSK	1	0	3.61	13	17.5	Pass
				50	0	3.23	13	17.6	Pass
			QPSK	1	0	4.55	13	17.7	Pass
				50	0	4.22	13	17.8	Pass
		HCH	PI2-BPSK	1	0	3.66	13	17.9	Pass
				50	0	3.14	13	17.10	Pass
			QPSK	1	0	4.59	13	17.11	Pass
				50	0	4.08	13	17.12	Pass
n78 (3450-3550MHz)	20 MHz	LCH	PI2-BPSK	1	0	4.27	13	18.1	Pass
				50	0	3.80	13	18.2	Pass
			QPSK	1	0	5.20	13	18.3	Pass
				50	0	4.78	13	18.4	Pass
		MCH	PI2-BPSK	1	0	4.31	13	18.5	Pass
				50	0	3.56	13	18.6	Pass
			QPSK	1	0	5.25	13	18.7	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
				50	0	4.73	13	18.8	Pass
		HCH	PI2-BPSK	1	0	4.22	13	18.9	Pass
				50	0	3.61	13	18.10	Pass
			QPSK	1	0	5.06	13	18.11	Pass
				50	0	4.55	13	18.12	Pass
n78 (3700-3800MHz)	20 MHz	LCH	PI2-BPSK	1	0	3.98	13	19.1	Pass
				50	0	3.33	13	19.2	Pass
			QPSK	1	0	4.83	13	19.3	Pass
				50	0	4.41	13	19.4	Pass
		MCH	PI2-BPSK	1	0	4.08	13	19.5	Pass
				50	0	3.42	13	19.6	Pass
			QPSK	1	0	4.73	13	19.7	Pass
				50	0	4.45	13	19.8	Pass
		HCH	PI2-BPSK	1	0	3.98	13	19.9	Pass
				50	0	3.23	13	19.10	Pass
			QPSK	1	0	4.69	13	19.11	Pass
				50	0	4.31	13	19.12	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-SZ2290497-501 Data Part 2.pdf".

GSM and WCDMA Mode Test Data

Test Band	Test Channel	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
GSM 850	LCH	0.245	0.319	1.1
	MCH	0.243	0.31	1.2
	HCH	0.244	0.309	1.3
GSM 1900	LCH	0.245	0.309	2.1
	MCH	0.241	0.31	2.2
	HCH	0.245	0.314	2.3
EGPRS 850	LCH	0.244	0.308	3.1
	MCH	0.244	0.303	3.2
	HCH	0.244	0.306	3.3
EGPRS 1900	LCH	0.243	0.307	4.1
	MCH	0.245	0.314	4.2
	HCH	0.243	0.31	4.3
WCDMA Band 2	LCH	4.148	4.75	5.1
	MCH	4.142	4.721	5.2
	HCH	4.15	4.738	5.3
WCDMA Band 4	LCH	4.144	4.745	6.1
	MCH	4.143	4.731	6.2
	HCH	4.146	4.736	6.3
WCDMA Band 5	LCH	4.135	4.752	7.1
	MCH	4.137	4.735	7.2
	HCH	4.142	4.746	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	1.084	1.227	8.1
			16-QAM	RB6#0	1.089	1.245	8.2
		MCH	QPSK	RB6#0	1.086	1.208	8.3
			16-QAM	RB6#0	1.08	1.22	8.4
		HCH	QPSK	RB6#0	1.087	1.218	8.5
			16-QAM	RB6#0	1.085	1.201	8.6
	3 MHz	LCH	QPSK	RB15#0	2.704	2.991	8.7
			16-QAM	RB15#0	2.705	3.012	8.8
		MCH	QPSK	RB15#0	2.703	3.012	8.9
			16-QAM	RB15#0	2.696	3.016	8.10
		HCH	QPSK	RB15#0	2.699	3.001	8.11
			16-QAM	RB15#0	2.699	3.018	8.12
	5 MHz	LCH	QPSK	RB25#0	4.504	4.968	8.13
			16-QAM	RB25#0	4.498	4.981	8.14
		MCH	QPSK	RB25#0	4.498	4.948	8.15
			16-QAM	RB25#0	4.511	4.963	8.16
		HCH	QPSK	RB25#0	4.501	4.95	8.17
			16-QAM	RB25#0	4.515	4.997	8.18
	10 MHz	LCH	QPSK	RB50#0	8.992	9.923	8.19
			16-QAM	RB50#0	8.982	9.818	8.20
		MCH	QPSK	RB50#0	8.962	9.833	8.21
			16-QAM	RB50#0	8.977	9.803	8.22
		HCH	QPSK	RB50#0	9.001	9.895	8.23
			16-QAM	RB50#0	8.989	9.891	8.24
	15 MHz	LCH	QPSK	RB75#0	13.454	14.763	8.25
			16-QAM	RB75#0	13.457	14.659	8.26
		MCH	QPSK	RB75#0	13.438	14.686	8.27
			16-QAM	RB75#0	13.498	14.729	8.28
		HCH	QPSK	RB75#0	13.457	14.743	8.29
			16-QAM	RB75#0	13.49	14.646	8.30
	20 MHz	LCH	QPSK	RB100#0	17.941	19.423	8.31
			16-QAM	RB100#0	17.927	19.422	8.32
		MCH	QPSK	RB100#0	17.942	19.475	8.33
			16-QAM	RB100#0	17.944	19.639	8.34
		HCH	QPSK	RB100#0	17.942	19.524	8.35
			16-QAM	RB100#0	17.931	19.387	8.36

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 4	1.4 MHz	LCH	QPSK	RB6#0	1.084	1.231	9.1
			16-QAM	RB6#0	1.087	1.226	9.2
		MCH	QPSK	RB6#0	1.085	1.231	9.3
			16-QAM	RB6#0	1.083	1.219	9.4
		HCH	QPSK	RB6#0	1.089	1.204	9.5
			16-QAM	RB6#0	1.084	1.224	9.6
	3 MHz	LCH	QPSK	RB15#0	2.699	3.006	9.7
			16-QAM	RB15#0	2.699	3.015	9.8
		MCH	QPSK	RB15#0	2.7	3.004	9.9
			16-QAM	RB15#0	2.702	3.011	9.10
		HCH	QPSK	RB15#0	2.697	3.006	9.11
			16-QAM	RB15#0	2.692	3.023	9.12
	5 MHz	LCH	QPSK	RB25#0	4.508	4.988	9.13
			16-QAM	RB25#0	4.503	4.926	9.14
		MCH	QPSK	RB25#0	4.5	4.97	9.15
			16-QAM	RB25#0	4.511	4.95	9.16
		HCH	QPSK	RB25#0	4.495	4.967	9.17
			16-QAM	RB25#0	4.503	4.982	9.18
	10 MHz	LCH	QPSK	RB50#0	8.997	9.907	9.19
			16-QAM	RB50#0	8.983	9.863	9.20
		MCH	QPSK	RB50#0	8.97	9.854	9.21
			16-QAM	RB50#0	8.975	9.793	9.22
		HCH	QPSK	RB50#0	8.981	9.852	9.23
			16-QAM	RB50#0	8.974	9.835	9.24
	15 MHz	LCH	QPSK	RB75#0	13.476	14.787	9.25
			16-QAM	RB75#0	13.483	14.721	9.26
		MCH	QPSK	RB75#0	13.436	14.748	9.27
			16-QAM	RB75#0	13.461	14.714	9.28
		HCH	QPSK	RB75#0	13.453	14.712	9.29
			16-QAM	RB75#0	13.482	14.704	9.30
	20 MHz	LCH	QPSK	RB100#0	17.946	19.476	9.31
			16-QAM	RB100#0	17.927	19.555	9.32
		MCH	QPSK	RB100#0	17.931	19.449	9.33
			16-QAM	RB100#0	17.947	19.526	9.34
		HCH	QPSK	RB100#0	17.974	19.733	9.35
			16-QAM	RB100#0	17.947	19.627	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	1.083	1.229	10.1
			16-QAM	RB6#0	1.087	1.23	10.2
		MCH	QPSK	RB6#0	1.086	1.237	10.3
			16-QAM	RB6#0	1.084	1.219	10.4
		HCH	QPSK	RB6#0	1.091	1.224	10.5
			16-QAM	RB6#0	1.086	1.228	10.6
	3 MHz	LCH	QPSK	RB15#0	2.702	3.021	10.7
			16-QAM	RB15#0	2.701	3.025	10.8
		MCH	QPSK	RB15#0	2.697	2.997	10.9
			16-QAM	RB15#0	2.701	3.008	10.10
		HCH	QPSK	RB15#0	2.699	3.011	10.11
			16-QAM	RB15#0	2.697	3.012	10.12
	5 MHz	LCH	QPSK	RB25#0	4.506	4.989	10.13
			16-QAM	RB25#0	4.501	4.925	10.14
		MCH	QPSK	RB25#0	4.497	4.968	10.15
			16-QAM	RB25#0	4.509	4.955	10.16
		HCH	QPSK	RB25#0	4.502	4.948	10.17
			16-QAM	RB25#0	4.511	5.004	10.18
	10 MHz	LCH	QPSK	RB50#0	8.982	9.899	10.19
			16-QAM	RB50#0	8.965	9.803	10.20
		MCH	QPSK	RB50#0	8.955	9.853	10.21
			16-QAM	RB50#0	8.956	9.795	10.22
		HCH	QPSK	RB50#0	8.974	9.819	10.23
			16-QAM	RB50#0	8.96	9.86	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	4.509	4.972	11.1
			16-QAM	RB25#0	4.505	4.951	11.2
		MCH	QPSK	RB25#0	4.505	4.987	11.3
			16-QAM	RB25#0	4.511	4.982	11.4
		HCH	QPSK	RB25#0	4.5	4.949	11.5
			16-QAM	RB25#0	4.509	4.976	11.6
	10 MHz	LCH	QPSK	RB50#0	8.992	9.89	11.7
			16-QAM	RB50#0	8.976	9.817	11.8
		MCH	QPSK	RB50#0	8.957	9.833	11.9
			16-QAM	RB50#0	8.975	9.848	11.10
		HCH	QPSK	RB50#0	8.995	9.874	11.11
			16-QAM	RB50#0	8.978	9.865	11.12
	15 MHz	LCH	QPSK	RB75#0	13.477	14.795	11.13
			16-QAM	RB75#0	13.466	14.722	11.14
		MCH	QPSK	RB75#0	13.443	14.691	11.15
			16-QAM	RB75#0	13.456	14.676	11.16
		HCH	QPSK	RB75#0	13.473	14.83	11.17
			16-QAM	RB75#0	13.47	14.687	11.18
	20 MHz	LCH	QPSK	RB100#0	17.962	19.492	11.19
			16-QAM	RB100#0	17.951	19.522	11.20
		MCH	QPSK	RB100#0	17.916	19.475	11.21
			16-QAM	RB100#0	17.937	19.65	11.22
		HCH	QPSK	RB100#0	17.966	19.678	11.23
			16-QAM	RB100#0	17.947	19.609	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 38	5 MHz	LCH	QPSK	RB25#0	4.504	4.998	12.1
			16-QAM	RB25#0	4.514	5.41	12.2
		MCH	QPSK	RB25#0	4.509	4.99	12.3
			16-QAM	RB25#0	4.506	5.055	12.4
		HCH	QPSK	RB25#0	4.5	5.121	12.5
			16-QAM	RB25#0	4.514	5.177	12.6
	10 MHz	LCH	QPSK	RB50#0	9.009	10.475	12.7
			16-QAM	RB50#0	9.005	10.643	12.8
		MCH	QPSK	RB50#0	9.007	10.176	12.9
			16-QAM	RB50#0	9.006	9.825	12.10
		HCH	QPSK	RB50#0	9.009	10.386	12.11
			16-QAM	RB50#0	8.978	10.421	12.12
	15 MHz	LCH	QPSK	RB75#0	13.459	15.813	12.13
			16-QAM	RB75#0	13.52	15.748	12.14
		MCH	QPSK	RB75#0	13.5	14.846	12.15
			16-QAM	RB75#0	13.509	15.603	12.16
		HCH	QPSK	RB75#0	13.464	15.486	12.17
			16-QAM	RB75#0	13.545	15.947	12.18
	20 MHz	LCH	QPSK	RB100#0	17.972	20.089	12.19
			16-QAM	RB100#0	17.955	20.489	12.20
		MCH	QPSK	RB100#0	18.007	20.696	12.21
			16-QAM	RB100#0	17.986	24.333	12.22
		HCH	QPSK	RB100#0	17.944	19.863	12.23
			16-QAM	RB100#0	17.993	21.228	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 41	5 MHz	LCH	QPSK	RB25#0	4.5	5.115	13.1
			16-QAM	RB25#0	4.513	5.165	13.2
		MCH	QPSK	RB25#0	4.505	4.999	13.3
			16-QAM	RB25#0	4.515	5.4	13.4
		HCH	QPSK	RB25#0	4.51	4.973	13.5
			16-QAM	RB25#0	4.503	5.043	13.6
	10 MHz	LCH	QPSK	RB50#0	8.998	10.129	13.7
			16-QAM	RB50#0	8.993	9.871	13.8
		MCH	QPSK	RB50#0	8.999	10.452	13.9
			16-QAM	RB50#0	8.981	10.39	13.10
		HCH	QPSK	RB50#0	9.013	10.606	13.11
			16-QAM	RB50#0	8.997	10.488	13.12
	15 MHz	LCH	QPSK	RB75#0	13.491	14.834	13.13
			16-QAM	RB75#0	13.488	15.557	13.14
		MCH	QPSK	RB75#0	13.475	15.427	13.15
			16-QAM	RB75#0	13.548	15.951	13.16
		HCH	QPSK	RB75#0	13.449	15.468	13.17
			16-QAM	RB75#0	13.519	15.1	13.18
	20 MHz	LCH	QPSK	RB100#0	17.997	20.68	13.19
			16-QAM	RB100#0	17.951	20.247	13.20
		MCH	QPSK	RB100#0	17.952	19.899	13.21
			16-QAM	RB100#0	17.978	21.572	13.22
		HCH	QPSK	RB100#0	17.97	20.013	13.23
			16-QAM	RB100#0	17.954	20.573	13.24

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	27.88	29.79	14.1
	16-QAM	50	0	100	0	27.76	29.62	14.2
20MHz+10MHz								
Mid	QPSK	100	0	50	0	27.86	29.7	14.3
	16-QAM	100	0	50	0	27.81	29.6	14.4
15MHz+15MHz								
Mid	QPSK	75	0	75	0	28.41	30.44	14.5
	16-QAM	75	0	75	0	28.46	30.38	14.6
15MHz+20MHz								
Mid	QPSK	75	0	100	0	32.78	35.03	14.7
	16-QAM	75	0	100	0	32.67	34.85	14.8
20MHz+15MHz								
Mid	QPSK	100	0	75	0	32.69	34.91	14.9
	16-QAM	100	0	75	0	32.71	34.81	14.10
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.68	40.01	14.11
	16-QAM	100	0	100	0	37.58	40.2	14.12

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	28.47	33.55	15.1
	16-QAM	75	0	75	0	28.44	31.83	15.2
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.83	46	15.3
	16-QAM	100	0	100	0	37.72	43.56	15.4

NR Mode Test Data

Test Band	NR Test Band width	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	PI2-BPSK	25	0	4.510282	4.970303	Pass	16.1
			QPSK	25	0	4.476263	4.979995	Pass	16.2
		MCH	PI2-BPSK	25	0	4.508482	4.956785	Pass	16.3
			QPSK	25	0	4.471487	4.973781	Pass	16.4
		HCH	PI2-BPSK	25	0	4.520342	4.986239	Pass	16.5
			QPSK	25	0	4.478372	4.958034	Pass	16.6
	15 MHz	LCH	PI2-BPSK	75	0	13.46544	14.41544	Pass	16.7
			QPSK	75	0	13.4378	14.39023	Pass	16.8
		MCH	PI2-BPSK	75	0	13.43703	14.46643	Pass	16.9
			QPSK	75	0	13.42299	14.4093	Pass	16.10
		HCH	PI2-BPSK	75	0	13.43433	14.45232	Pass	16.11
			QPSK	75	0	13.41855	14.35232	Pass	16.12
	20 MHz	LCH	PI2-BPSK	100	0	17.78138	18.85979	Pass	16.13
			QPSK	100	0	17.8418	18.86729	Pass	16.14
		MCH	PI2-BPSK	100	0	17.78024	18.86203	Pass	16.15
			QPSK	100	0	17.82024	18.83093	Pass	16.16
		HCH	PI2-BPSK	100	0	17.74338	18.85839	Pass	16.17
			QPSK	100	0	17.8006	18.82304	Pass	16.18
n7	5 MHz	LCH	PI2-BPSK	25	0	4.505439	4.950653	Pass	17.1
			QPSK	25	0	4.482462	4.995144	Pass	17.2
		MCH	PI2-BPSK	25	0	4.504765	4.948512	Pass	17.3
			QPSK	25	0	4.480524	4.99069	Pass	17.4
		HCH	PI2-BPSK	25	0	4.513245	4.931136	Pass	17.5
			QPSK	25	0	4.483052	4.950674	Pass	17.6
	15 MHz	LCH	PI2-BPSK	128	0	13.48733	14.4305	Pass	17.7
			QPSK	128	0	13.44721	14.46233	Pass	17.8
		MCH	PI2-BPSK	128	0	13.46196	14.47919	Pass	17.9
			QPSK	128	0	13.42615	14.33297	Pass	17.10
		HCH	PI2-BPSK	128	0	13.47238	14.4492	Pass	17.11
			QPSK	128	0	13.4515	14.44911	Pass	17.12
	20 MHz	LCH	PI2-BPSK	270	0	17.8393	18.86499	Pass	17.13
			QPSK	270	0	17.88157	18.85877	Pass	17.14
		MCH	PI2-BPSK	270	0	17.82271	18.81873	Pass	17.15
			QPSK	270	0	17.86435	18.80996	Pass	17.16
		HCH	PI2-BPSK	270	0	17.85194	18.90027	Pass	17.17
			QPSK	270	0	17.88694	18.87591	Pass	17.18
n38		LCH	PI2-BPSK	50	0	17.89032	19.13151	Pass	18.1

Test Band	NR Test Band width	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]
	20 MHz		QPSK	50	0	17.89202	19.15648	Pass	18.2
		MCH	PI2-BPSK	50	0	17.90721	19.12603	Pass	18.3
			QPSK	50	0	17.88888	19.21265	Pass	18.4
		HCH	PI2-BPSK	50	0	17.85018	19.23826	Pass	18.5
			QPSK	50	0	17.91337	19.27272	Pass	18.6
	30 MHz	LCH	PI2-BPSK	75	0	27.15518	29.48038	Pass	18.7
			QPSK	75	0	27.11716	29.44001	Pass	18.8
		MCH	PI2-BPSK	75	0	27.17721	29.4704	Pass	18.9
			QPSK	75	0	27.0734	29.48762	Pass	18.10
		HCH	PI2-BPSK	75	0	27.15733	29.53888	Pass	18.11
			QPSK	75	0	27.12535	29.4887	Pass	18.12
	40 MHz	LCH	PI2-BPSK	100	0	35.75986	38.46659	Pass	18.13
			QPSK	100	0	35.87504	38.52584	Pass	18.14
		MCH	PI2-BPSK	100	0	35.75998	38.31673	Pass	18.15
			QPSK	100	0	35.89193	38.47978	Pass	18.16
		HCH	PI2-BPSK	100	0	35.76313	38.41863	Pass	18.17
			QPSK	100	0	35.89065	38.49272	Pass	18.18
n41	20 MHz	LCH	PI2-BPSK	50	0	17.84894	19.2836	Pass	19.1
			QPSK	50	0	17.86831	19.33501	Pass	19.2
		MCH	PI2-BPSK	50	0	17.89903	19.3348	Pass	19.3
			QPSK	50	0	17.90109	19.36298	Pass	19.4
		HCH	PI2-BPSK	50	0	17.89469	19.27201	Pass	19.5
			QPSK	50	0	17.90571	19.31529	Pass	19.6
	60 MHz	LCH	PI2-BPSK	162	0	57.77188	60.80203	Pass	19.7
			QPSK	162	0	57.90062	60.80446	Pass	19.8
		MCH	PI2-BPSK	162	0	57.81525	60.84851	Pass	19.9
			QPSK	162	0	57.91493	60.88964	Pass	19.10
		HCH	PI2-BPSK	162	0	57.85163	60.8258	Pass	19.11
			QPSK	162	0	57.96908	60.77218	Pass	19.12
	100 MHz	LCH	PI2-BPSK	270	0	96.02714	99.62898	Pass	19.13
			QPSK	270	0	96.31102	99.67806	Pass	19.14
		MCH	PI2-BPSK	270	0	95.93411	99.68943	Pass	19.15
			QPSK	270	0	96.2141	99.58093	Pass	19.16
		HCH	PI2-BPSK	270	0	95.94202	99.73532	Pass	19.17
			QPSK	270	0	96.19767	99.7338	Pass	19.18
n77 (3450-3550MHz)	20 MHz	LCH	PI2-BPSK	50	0	17.8963	19.27562	Pass	20.1
			QPSK	50	0	17.90472	19.40348	Pass	20.2
		MCH	PI2-BPSK	50	0	17.90553	19.16652	Pass	20.3

Test Band	NR Test Band width	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict	Refer to Plot[Note2]
			QPSK	50	0	17.88893	19.15772	Pass	20.4
		HCH	PI2-BPSK	50	0	17.87715	19.18493	Pass	20.5
			QPSK	50	0	17.88223	19.09016	Pass	20.6
	50 MHz	LCH	PI2-BPSK	128	0	45.66235	48.41187	Pass	20.7
			QPSK	128	0	45.9742	48.5179	Pass	20.8
		MCH	PI2-BPSK	128	0	45.6822	48.47728	Pass	20.9
			QPSK	128	0	45.87784	48.49007	Pass	20.10
		HCH	PI2-BPSK	128	0	45.64566	48.38626	Pass	20.11
			QPSK	128	0	45.96657	48.57997	Pass	20.12
	100 MHz	LCH	PI2-BPSK	270	0	95.92192	99.58934	Pass	20.13
			QPSK	270	0	96.21747	99.63926	Pass	20.14
		MCH	PI2-BPSK	270	0	95.91882	99.59842	Pass	20.15
			QPSK	270	0	96.19019	99.63136	Pass	20.16
		HCH	PI2-BPSK	270	0	96.07316	99.3034	Pass	20.17
			QPSK	270	0	96.20673	99.60224	Pass	20.18
n77 (3700-3980MHz)	20 MHz	LCH	PI2-BPSK	50	0	17.84554	19.34574	Pass	21.1
			QPSK	50	0	17.88868	19.36053	Pass	21.2
		MCH	PI2-BPSK	50	0	17.81858	19.10248	Pass	21.3.
			QPSK	50	0	17.91033	19.3637	Pass	21.4
		HCH	PI2-BPSK	50	0	17.9109	19.24961	Pass	21.5
			QPSK	50	0	17.89065	19.22744	Pass	21.6
	50 MHz	LCH	PI2-BPSK	128	0	45.62124	48.37485	Pass	21.7
			QPSK	128	0	45.95659	48.46647	Pass	21.8
		MCH	PI2-BPSK	128	0	45.66626	48.46174	Pass	21.9
			QPSK	128	0	45.91416	48.57782	Pass	21.10
		HCH	PI2-BPSK	128	0	45.68392	48.40882	Pass	21.11
			QPSK	128	0	46.03616	48.49202	Pass	21.12
	100 MHz	LCH	PI2-BPSK	270	0	96.2981	99.54807	Pass	21.13
			QPSK	270	0	96.25602	99.61895	Pass	21.14
		MCH	PI2-BPSK	270	0	96.12917	99.59889	Pass	21.15
			QPSK	270	0	96.37656	99.6594	Pass	21.16
		HCH	PI2-BPSK	270	0	96.1651	99.663	Pass	21.17
			QPSK	270	0	96.44476	99.60874	Pass	21.18
n78 (3450-3550MHz)	20 MHz	LCH	PI2-BPSK	50	0	17.89252	19.26038	Pass	22.1
			QPSK	50	0	17.90207	19.33512	Pass	22.2
		MCH	PI2-BPSK	50	0	17.88975	19.13368	Pass	22.3
			QPSK	50	0	17.89277	19.21197	Pass	22.4
		HCH	PI2-BPSK	50	0	17.85528	19.20381	Pass	22.5

Test Band	NR Test Band width	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Verdict	Refer to Plot[Note2]
			QPSK	50	0	17.88658	19.35945	Pass	22.6
	50 MHz	LCH	PI2-BPSK	128	0	45.64568	48.39265	Pass	22.7
			QPSK	128	0	45.98547	48.48856	Pass	22.8
		MCH	PI2-BPSK	128	0	45.68596	48.41362	Pass	22.9
			QPSK	128	0	46.0265	48.51761	Pass	22.10
		HCH	PI2-BPSK	128	0	45.87663	48.45692	Pass	22.11
			QPSK	128	0	45.88961	48.5947	Pass	22.12
	100 MHz	LCH	PI2-BPSK	270	0	96.03731	99.56366	Pass	22.13
			QPSK	270	0	96.29216	99.62037	Pass	22.14
		MCH	PI2-BPSK	270	0	95.978	99.56637	Pass	22.15
			QPSK	270	0	96.29118	99.62711	Pass	22.16
		HCH	PI2-BPSK	270	0	96.03984	99.55369	Pass	22.17
			QPSK	270	0	96.28983	99.63083	Pass	22.18
n78 (3700-3800MHz)	20 MHz	LCH	PI2-BPSK	50	0	17.89592	19.35466	Pass	23.1
			QPSK	50	0	17.91754	19.30853	Pass	23.2
		MCH	PI2-BPSK	50	0	17.89046	19.13446	Pass	23.3
			QPSK	50	0	17.90382	19.38894	Pass	23.4
		HCH	PI2-BPSK	50	0	17.88736	19.12463	Pass	23.5
			QPSK	50	0	17.90493	19.75146	Pass	23.6
	50 MHz	LCH	PI2-BPSK	128	0	45.66433	48.37125	Pass	23.7
			QPSK	128	0	46.04139	48.60347	Pass	23.8
		MCH	PI2-BPSK	128	0	45.95523	48.54632	Pass	23.9
			QPSK	128	0	45.97829	48.64134	Pass	23.10
		HCH	PI2-BPSK	128	0	45.89356	48.4561	Pass	23.11
			QPSK	128	0	45.95056	48.61862	Pass	23.12
	100 MHz	LCH	PI2-BPSK	270	0	95.98926	99.55053	Pass	23.13
			QPSK	270	0	96.3353	99.69989	Pass	23.14
		MCH	PI2-BPSK	270	0	95.98146	99.56705	Pass	23.15
			QPSK	270	0	96.33502	99.72126	Pass	23.16
		HCH	PI2-BPSK	270	0	95.98902	99.55614	Pass	23.17
			QPSK	270	0	96.33226	99.6889	Pass	23.18

A.4 Frequency Stability

GSM 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	-2.03	±2060.5	4.13	±2091.5	-5.62	±2122	Pass
	-20	-3.91		-3		-3.13		
	-10	-7.2		-4.49		-3.55		
	0	-2		2.29		-5.36		
	+10	2.68		-5.04		-5.33		
	+20	-4.71		-3.36		-4.36		
	+25	-6.94		-4.94		-4.49		
	+30	-5.13		-4.23		-6.39		
	+40	-3.13		-7.3		-2.91		
	+50	-6.39		-3.75		6.84		
4.4	+25	-5.75		-5.26		-2.58		
3.6	+25	-6.23		-4.23		-7.46		

GSM 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	-4.07	±4625.5	11.11	±4700.0	8.85	±4774.5	Pass
	-20	9.94		5.26		10.14		
	-10	7.52		8.59		7.43		
	0	4.46		4.71		7.07		
	+10	6.26		6.49		10.3		
	+20	5.13		6.42		6.97		
	+25	10.72		8.36		8.04		
	+30	6.97		6.36		9.27		
	+40	7.88		11.46		3.75		
	+50	7.36		8.39		7.65		
4.4	+25	7.52		10.62		7.75		
3.6	+25	8.49		8.56		11.53		

GPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	11.33	±2060.5	14.37	±2091.5	15.72	±2122	Pass
	-20	11.01		13.2		14.5		
	-10	10.17		11.78		11.98		
	0	11.04		10.88		12.01		
	+10	9.01		9.1		10.91		
	+20	10.53		11.07		11.43		
	+25	11.91		10.82		13.14		
	+30	8.52		10.14		9.36		
	+40	8.62		10.01		11.36		
	+50	10.49		10.27		10.2		
4.4	+25	7.43		10.75		11.62		
3.6	+25	10.2		9.62		12.82		

GPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	14.63	±4625.5	15.92	±4700.0	14.72	±4774.5	Pass
	-20	12.95		14.08		14.24		
	-10	11.62		12.85		14.08		
	0	13.85		13.85		13.56		
	+10	15.24		14.53		11.14		
	+20	12.01		13.85		10.91		
	+25	11.62		14.88		15.4		
	+30	13.88		12.49		12.72		
	+40	14.14		13.56		14.01		
	+50	11.53		14.66		14.69		
4.4	+25	15.27		17.01		12.53		
3.6	+25	14.01		17.5		15.37		

EGPRS 850

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 824.2 MHz		MCH 836.6 MHz		HCH 848.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	13.62	±2060.5	14.59	±2091.5	16.95	±2122	Pass
	-20	17.98		17.21		16.21		
	-10	17.4		17.11		17.14		
	0	15.3		17.01		18.02		
	+10	15.27		14.85		20.7		
	+20	16.01		15.17		17.72		
	+25	17.6		15.56		17.27		
	+30	17.24		19.02		16.3		
	+40	15.4		14.21		15.4		
	+50	16.34		16.82		14.27		
4.4	+25	13.27		15.59		20.4		
3.6	+25	13.56		15.66		16.72		

EGPRS 1900

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1850.2 MHz		MCH 1880 MHz		HCH 1909.8 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	23.02	±4625.5	22.44	±4700.0	21.21	±4774.5	Pass
	-20	18.4		20.99		21.95		
	-10	18.82		18.02		19.82		
	0	23.08		20.15		23.25		
	+10	18.44		22.73		21.5		
	+20	25.12		15.24		18.76		
	+25	19.79		18.56		20.89		
	+30	22.31		17.98		20.53		
	+40	17.14		20.37		23.79		
	+50	22.76		20.37		20.57		
4.4	+25	19.79		20.37		19.66		
3.6	+25	19.89		18.34		20.5		

WCDMA Band 2

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1852.4 MHz		MCH 1880 MHz		HCH 1907.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	6.81	±4631	-0.04	±4700	-6.7	±4769	Pass
	-20	7.14		0.14		-7.35		
	-10	6.7		-0.75		-6.98		
	0	7.74		0.06		-6.7		
	+10	7.15		-0.73		-6.91		
	+20	6.79		-0.06		-6.73		
	+25	8.01		0.1		-7.74		
	+30	7.59		-0.21		-7.2		
	+40	7.67		-0.32		-7.21		
	+50	6.72		-0.24		-7.45		
4.4	+25	7.55		-0.14		-6.95		
3.6	+25	7.65		0.29		-6.82		

WCDMA Band 4

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1712.4 MHz		MCH 1732.4 MHz		HCH 1752.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	19.37	±4281	-1.13	±4331	-22.55	±4381.5	Pass
	-20	20.38		-1.32		-22.12		
	-10	20.46		-0.79		-21.49		
	0	20.58		-1.45		-22.44		
	+10	19.69		-0.84		-22.39		
	+20	20.77		-0.52		-22.59		
	+25	20.46		-1.46		-22.25		
	+30	20.13		-0.91		-22.63		
	+40	21.06		-1.91		-21.89		
	+50	19.65		-1.17		-22.42		
4.4	+25	20.43		-0.87		-22.67		
3.6	+25	20.39		-1.01		-22.09		

WCDMA Band B5

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 826.4 MHz		MCH 836.4 MHz		HCH 846.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.87	-30	2.49	±2066	-1.34	±2091	-4.13	±2116.5	Pass
	-20	2.18		-0.96		-3.87		
	-10	2.45		-1.35		-4.31		
	0	1.88		-1.41		-3.98		
	+10	2.2		-1.17		-3.94		
	+20	2.27		-1.17		-4.06		
	+25	2.05		-1.34		-4.21		
	+30	2.14		-1.48		-4.28		
	+40	2.39		-1.27		-4.01		
	+50	1.7		-1.65		-4.01		
4.4	+25	2.29		-1.03		-4.29		
3.6	+25	2.43		-1.19		-4.63		

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-2.26	±4700	Pass
	-20	-1.22		
	-10	-1.4		
	0	-2.39		
	+10	-0.17		
	+20	-1.19		
	+25	-2.33		
	+30	-1.46		
	+40	-1.32		
	+50	-1.99		
4.4	+25	-1.69		
3.6	+25	-2.1		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-2.4	±4700	Pass
	-20	-1.95		
	-10	-1.75		
	0	-0.6		
	+10	-2.19		
	+20	-2.66		
	+25	-0.54		
	+30	-2.25		
	+40	-0.29		
	+50	0.14		
4.4	+25	-2.52		
3.6	+25	-1.73		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-1.56	±4331.25	Pass
	-20	-3.35		
	-10	-1.2		
	0	-0.53		
	+10	-1.44		
	+20	-2.4		
	+25	-0.63		
	+30	-2.17		
	+40	-0.17		
	+50	0.11		
4.4	+25	-1.7		
3.6	+25	-0.62		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-1.97	±4331.25	Pass
	-20	-3.19		
	-10	-0.72		
	0	-0.6		
	+10	-2.8		
	+20	-2.23		
	+25	-0.27		
	+30	-0.97		
	+40	-1.4		
	+50	0.76		
4.4	+25	-0.84		
3.6	+25	-1.69		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-0.39	±2091.25	Pass
	-20	0.11		
	-10	-1.4		
	0	-1.57		
	+10	1.43		
	+20	-0.92		
	+25	-0.01		
	+30	-0.13		
	+40	0.62		
	+50	0.4		
4.4	+25	-1.16		
3.6	+25	-1.09		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-1.06	±2091.25	Pass
	-20	0.46		
	-10	-0.16		
	0	-0.31		
	+10	0.11		
	+20	-0.62		
	+25	-1.37		
	+30	-1.09		
	+40	-1.29		
	+50	-0.4		
4.4	+25	-0.31		
3.6	+25	-1.72		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	0.01	±6337.5	Pass
	-20	-0.83		
	-10	-1.09		
	0	-0.92		
	+10	0.19		
	+20	1.16		
	+25	0.1		
	+30	0.23		
	+40	0		
	+50	0.23		
4.4	+25	-1.6		
3.6	+25	0.59		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-1.22	±6337.5	Pass
	-20	1.83		
	-10	-0.62		
	0	0.36		
	+10	0.8		
	+20	-0.86		
	+25	0.72		
	+30	-1.27		
	+40	-1.16		
	+50	-0.16		
4.4	+25	0.13		
3.6	+25	-1.7		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-2.26	±6487.5	Pass
	-20	-1.6		
	-10	-0.93		
	0	-3.49		
	+10	-3.42		
	+20	-3.79		
	+25	-3.09		
	+30	-2.1		
	+40	-4.31		
	+50	-1.9		
4.4	+25	-4.68		
3.6	+25	-4.41		

LTE Band 38 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-2.35	±6487.5	Pass
	-20	-2.86		
	-10	-2.89		
	0	-3.92		
	+10	-2.82		
	+20	-2.62		
	+25	-4.03		
	+30	-4.15		
	+40	-2.43		
	+50	-1.85		
4.4	+25	-2.96		
3.6	+25	-2.56		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-3.08	±6482.5	Pass
	-20	-2.12		
	-10	-0.66		
	0	-2.7		
	+10	-1.12		
	+20	-0.19		
	+25	-2.99		
	+30	-2.65		
	+40	-2.02		
	+50	-2.63		
4.4	+25	-1.83		
3.6	+25	-3.12		

LTE Band 41 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-2.16	±6482.5	Pass
	-20	-2.09		
	-10	-1.04		
	0	-2.95		
	+10	-1.19		
	+20	-1.07		
	+25	-1.62		
	+30	-2.13		
	+40	-2.72		
	+50	-2.56		
4.4	+25	-1.67		
3.6	+25	-1.87		

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)	
3.87	-30	26.81	±6,325.25	-43.26	±6,361.25	Pass
	-20	26.68		-45.38		
	-10	26.36		-45.19		
	0	27.11		-45.28		
	+10	27.58		-46.01		
	+20	27.01		-45.12		
	+25	27.05		-44.76		
	+30	26.67		-47.51		
	+40	25.06		-48.17		
	+50	26.94		-45		
4.4	+25	25.75		-46.26		
3.6	+25	27.87		-46.61		

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)	
3.87	-30	26.28	±6,325.25	-48.64	±6,361.25	Pass
	-20	25.12		-46.61		
	-10	24.7		-46.44		
	0	25.01		-46.23		
	+10	26.16		-46.22		
	+20	24.92		-46.01		
	+25	25.35		-47.08		
	+30	25.73		-48.81		
	+40	24.86		-48.68		
	+50	26.38		-48.54		
4.4	+25	25.32		-46.23		
3.6	+25	25.12		-48.91		

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)	
3.87	-30	48.39	±6,312.75	-36.88	±6,362.25	Pass
	-20	46.35		-36.18		
	-10	44.7		-36.66		
	0	44.69		-36.69		
	+10	45		-36.44		
	+20	44.36		-37.32		
	+25	44.66		-35.92		
	+30	44.85		-35.72		
	+40	43.46		-35.61		
	+50	43.89		-35.91		
4.4	+25	43.72		-34.33		
3.6	+25	44.1		-35		

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)	
3.87	-30	37.67	±6,312.75	-33.67	±6,362.25	Pass
	-20	38.24		-35.02		
	-10	37.61		-35.83		
	0	37.89		-35.06		
	+10	36.13		-35.53		
	+20	38.41		-33.79		
	+25	36.85		-35		
	+30	35.86		-35.55		
	+40	36.38		-34.7		
	+50	37.78		-34.75		
4.4	+25	37.19		-34.09		
3.6	+25	36.48		-33.73		

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)	
3.87	-30	21.54	±6,468.75	-15.19	±6,506.25	Pass
	-20	23.75		-16.52		
	-10	22.03		-15.65		
	0	23.25		-14.75		
	+10	21.01		-16.34		
	+20	23.53		-14.96		
	+25	22.6		-15.51		
	+30	22.06		-16.32		
	+40	22.04		-15.98		
	+50	21.13		-14.13		
4.4	+25	22.8		-15.81		
3.6	+25	22.02		-15.18		

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)	
3.87	-30	22.64	±6,468.75	-15.02	±6,506.25	Pass
	-20	22.44		-14.96		
	-10	22.42		-15.61		
	0	22.6		-15.96		
	+10	21.54		-15.08		
	+20	22.42		-14.1		
	+25	21.5		-15.06		
	+30	21.29		-15.35		
	+40	20.27		-15.01		
	+50	21.94		-16.39		
4.4	+25	22.22		-16.52		
3.6	+25	20.71		-15.74		

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)	
3.87	-30	26.92	±6,462.75	-21.43	±6,512.25	Pass
	-20	28.77		-19.93		
	-10	28.51		-21.31		
	0	28.97		-21.33		
	+10	29.78		-20.99		
	+20	29.21		-20.96		
	+25	28.68		-20.87		
	+30	29.21		-21.7		
	+40	29.1		-22.3		
	+50	28.91		-18.77		
4.4	+25	27.84		-20.04		
3.6	+25	27.75		-21.03		

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)	
3.87	-30	31.49	±6,462.75	-22.93	±6,512.25	Pass
	-20	31.77		-23.22		
	-10	31.64		-23.93		
	0	32.79		-22.79		
	+10	30.41		-23.19		
	+20	32.06		-21.73		
	+25	30.38		-22.87		
	+30	30.23		-21.77		
	+40	29.74		-22.29		
	+50	30.98		-24.58		
4.4	+25	31.09		-22.69		
3.6	+25	30.87		-23.37		

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)	
3.87	-30	6.11	±2091.2.5	Pass
	-20	4.41		
	-10	7.55		
	0	7.49		
	+10	3.88		
	+20	2.88		
	+25	-0.56		
	+30	1.62		
	+40	4.14		
	+50	3.34		
4.4	+25	3.58		
3.6	+25	7.24		

NR Band n5 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	1.98	±2091.2.5	Pass
	-20	5.52		
	-10	1.26		
	0	2.6		
	+10	-1.38		
	+20	7.02		
	+25	6.99		
	+30	4.77		
	+40	4.32		
	+50	8.44		
4.4	+25	4.55		
3.6	+25	6.42		

NR Band n7 PI/2 BPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-1.54	±6337.5	Pass
	-20	5.72		
	-10	-2.3		
	0	2.83		
	+10	4.89		
	+20	7.47		
	+25	-0.65		
	+30	-3.99		
	+40	6.87		
	+50	4.44		
4.4	+25	-0.98		
3.6	+25	1.12		

NR Band n7 QPSK 20 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-2.35	±6337.5	Pass
	-20	-1.8		
	-10	3.65		
	0	-1.34		
	+10	3.77		
	+20	5.52		
	+25	8.11		
	+30	-1.36		
	+40	-7.04		
	+50	-4.23		
3.6	+25	2.56		
4.4	+25	3.69		

NR Band n38 PI/2 BPSK 40MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-4.57	±6487.5	Pass
	-20	-5.7		
	-10	-0.69		
	0	0.29		
	+10	4.41		
	+20	-6.5		
	+25	-15.99		
	+30	1.01		
	+40	-8.74		
	+50	-7.2		
4.4	+25	-5.71		
3.6	+25	1.88		

NR Band n38 QPSK 40 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-2.55	±6487.5	Pass
	-20	-5.04		
	-10	-6.11		
	0	2.33		
	+10	-3.44		
	+20	-3.32		
	+25	-11		
	+30	1.57		
	+40	-8.4		
	+50	-8.5		
4.4	+25	-8.61		
3.6	+25	1.33		

NR Band n41 PI2-BPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.99 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-5.77	±6482.475	Pass
	-20	-7.24		
	-10	-9.7		
	0	-7.44		
	+10	-9.37		
	+20	-10.36		
	+25	0.35		
	+30	-1.07		
	+40	-10.28		
	+50	-2.8		
4.4	+25	-7.56		
3.6	+25	-6.88		

NR Band n41 QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2592.99 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-1.33	±6482.475	Pass
	-20	-5.91		
	-10	0.1		
	0	-8.67		
	+10	3.53		
	+20	-6.21		
	+25	-4.11		
	+30	-10.71		
	+40	-7.57		
	+50	0.92		
4.4	+25	-8.9		
3.6	+25	-13.3		

NR Band n77(3450-3550MHz) PI2-BPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3499.98 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	0.61	±8749.95	Pass
	-20	-10.39		
	-10	1.58		
	0	-1.41		
	+10	-5.72		
	+20	-4.31		
	+25	1.62		
	+30	1.18		
	+40	-1.75		
	+50	-6.24		
4.4	+25	-2.03		
3.6	+25	-0.9		

NR Band n77(3450-3550MHz) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3499.98 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	0.15	±8749.95	Pass
	-20	-0.71		
	-10	-6.13		
	0	-1.38		
	+10	-0.8		
	+20	2.31		
	+25	5.5		
	+30	-6		
	+40	-6.27		
	+50	-2.1		
4.4	+25	2.2		
3.6	+25	-1.6		

NR Band n77(3700-3980 MHz) PI2-BPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3840 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-2.56	±9600	Pass
	-20	3.39		
	-10	-5.71		
	0	2.36		
	+10	-3.55		
	+20	3.75		
	+25	-4.27		
	+30	1.93		
	+40	1.37		
	+50	-1.67		
4.4	+25	-2.99		
3.6	+25	-5.88		

NR Band n77(3700-3980 MHz) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3840 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	0.19	±9600	Pass
	-20	0.63		
	-10	-4.13		
	0	-4.6		
	+10	4.14		
	+20	2.13		
	+25	1.76		
	+30	0.67		
	+40	-1.87		
	+50	6.8		
4.4	+25	8.79		
3.6	+25	0.96		

NR Band n78(3450-3550MHz) PI2-BPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3499.98 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	2.67	±8749.95	Pass
	-20	0.84		
	-10	-3.22		
	0	1.06		
	+10	-7.78		
	+20	-8.55		
	+25	-5.27		
	+30	1.9		
	+40	-3.56		
	+50	-6.35		
4.4	+25	-9.28		
3.6	+25	-8.23		

NR Band n78(3450-3550MHz) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3499.98 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-7.11	±8749.95	Pass
	-20	-3.3		
	-10	-11.76		
	0	-7.75		
	+10	1.35		
	+20	-6.61		
	+25	2.99		
	+30	-4.61		
	+40	-8.07		
	+50	-6.11		
4.4	+25	0.9		
3.6	+25	-4.2		

NR Band n78(3700-3800 MHz) PI2-BPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3750 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-8.35	±9375	Pass
	-20	-2.77		
	-10	1.86		
	0	4.29		
	+10	-10.1		
	+20	-8.46		
	+25	-5.64		
	+30	4.25		
	+40	-6.37		
	+50	-7.49		
4.4	+25	-4.88		
3.6	+25	-1.56		

NR Band n78(3700-3800 MHz) QPSK 100 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 3750 MHz		
		Value (Hz)	Limits (Hz)	
3.87	-30	-4.6	±9375	Pass
	-20	0.95		
	-10	-6.69		
	0	-8.87		
	+10	2.43		
	+20	-4		
	+25	-7.88		
	+30	-2.83		
	+40	1.16		
	+50	-4.42		
4.4	+25	-6.86		
3.6	+25	-9.89		

A.5 Spurious Emission at Antenna Terminals

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-SZ2290497-501 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 38	5 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
	10 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
	15 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
	20 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 41	5 MHz	LCH	QPSK	RB1#0	13.1	Pass
			16-QAM	RB1#0	13.2	Pass
		MCH	QPSK	RB1#0	13.3	Pass
			16-QAM	RB1#0	13.4	Pass
		HCH	QPSK	RB1#0	13.5	Pass
			16-QAM	RB1#0	13.6	Pass
	10 MHz	LCH	QPSK	RB1#0	13.7	Pass
			16-QAM	RB1#0	13.8	Pass
		MCH	QPSK	RB1#0	13.9	Pass
			16-QAM	RB1#0	13.10	Pass
		HCH	QPSK	RB1#0	13.11	Pass
			16-QAM	RB1#0	13.12	Pass
	15 MHz	LCH	QPSK	RB1#0	13.13	Pass
			16-QAM	RB1#0	13.14	Pass
		MCH	QPSK	RB1#0	13.15	Pass
			16-QAM	RB1#0	13.16	Pass
		HCH	QPSK	RB1#0	13.17	Pass
			16-QAM	RB1#0	13.18	Pass
	20 MHz	LCH	QPSK	RB1#0	13.19	Pass
			16-QAM	RB1#0	13.20	Pass
		MCH	QPSK	RB1#0	13.21	Pass
			16-QAM	RB1#0	13.22	Pass
		HCH	QPSK	RB1#0	13.23	Pass
			16-QAM	RB1#0	13.24	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_7C							
20MHz+10MHz							
Low	QPSK	1	0	1	49	14.1	Pass
		100	0	50	0	14.2	Pass
	16QAM	1	0	1	49	14.3	Pass
		100	0	50	0	14.4	Pass
Mid	QPSK	1	0	1	49	14.5	Pass
		100	0	50	0	14.6	Pass
	16QAM	1	0	1	49	14.7	Pass
		100	0	50	0	14.8	Pass
High	QPSK	1	0	1	49	14.9	Pass
		100	0	50	0	14.10	Pass
	16QAM	1	0	1	49	14.11	Pass
		100	0	50	0	14.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	14.13	Pass
		100	0	100	0	14.14	Pass
	16QAM	1	0	1	99	14.15	Pass
		100	0	100	0	14.16	Pass
Mid	QPSK	1	0	1	99	14.17	Pass
		100	0	100	0	14.18	Pass
	16QAM	1	0	1	99	14.19	Pass
		100	0	100	0	14.20	Pass
High	QPSK	1	0	1	99	14.21	Pass
		100	0	100	0	14.22	Pass
	16QAM	1	0	1	99	14.23	Pass
		100	0	100	0	14.24	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	15.1	Pass
		75	0	75	0	15.2	Pass
	16QAM	1	0	1	74	15.3	Pass
		75	0	75	0	15.4	Pass
Mid	QPSK	1	0	1	74	15.5	Pass
		75	0	75	0	15.6	Pass
	16QAM	1	0	1	74	15.7	Pass
		75	0	75	0	15.8	Pass
High	QPSK	1	0	1	74	15.9	Pass
		75	0	75	0	15.10	Pass
	16QAM	1	0	1	74	15.11	Pass
		75	0	75	0	15.12	Pass
20MHz+20MHz							
Low	QPSK	1	99	1	0	15.13	Pass
		100	0	100	0	15.14	Pass
	16QAM	1	99	1	0	15.15	Pass
		100	0	100	0	15.16	Pass
Mid	QPSK	1	99	1	0	15.17	Pass
		100	0	100	0	15.18	Pass
	16QAM	1	99	1	0	15.19	Pass
		100	0	100	0	15.20	Pass
High	QPSK	1	99	1	0	15.21	Pass
		100	0	100	0	15.22	Pass
	16QAM	1	99	1	0	15.23	Pass
		100	0	100	0	15.24	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	16.1	Pass
			QPSK	12	6	16.2	Pass
		MCH	PI/2 BPSK	12	6	16.3	Pass
			QPSK	12	6	16.4	Pass
		HCH	PI/2 BPSK	12	6	16.5	Pass
			QPSK	12	6	16.6	Pass
	15	LCH	PI/2 BPSK	36	18	16.7	Pass
			QPSK	36	18	16.8	Pass
		MCH	PI/2 BPSK	36	18	16.9	Pass
			QPSK	36	18	16.10	Pass
		HCH	PI/2 BPSK	36	18	16.11	Pass
			QPSK	36	18	16.12	Pass
	20	LCH	PI/2 BPSK	50	25	16.13	Pass
			QPSK	50	25	16.14	Pass
		MCH	PI/2 BPSK	50	25	16.15	Pass
			QPSK	50	25	16.16	Pass
		HCH	PI/2 BPSK	50	25	16.17	Pass
			QPSK	50	25	16.18	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	17.1	Pass
			QPSK	12	6	17.2	Pass
		MCH	PI/2 BPSK	12	6	17.3	Pass
			QPSK	12	6	17.4	Pass
		HCH	PI/2 BPSK	12	6	17.5	Pass
			QPSK	12	6	17.6	Pass
	15	LCH	PI/2 BPSK	36	18	17.7	Pass
			QPSK	36	18	17.8	Pass
		MCH	PI/2 BPSK	36	18	17.9	Pass
			QPSK	36	18	17.10	Pass
		HCH	PI/2 BPSK	36	18	17.11	Pass
			QPSK	36	18	17.12	Pass
	20	LCH	PI/2 BPSK	50	25	17.13	Pass
			QPSK	50	25	17.14	Pass
		MCH	PI/2 BPSK	50	25	17.15	Pass
			QPSK	50	25	17.16	Pass
		HCH	PI/2 BPSK	50	25	17.17	Pass
			QPSK	50	25	17.18	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n38	20	LCH	PI/2 BPSK	25	12	18.1	Pass
			QPSK	25	12	18.2	Pass
		MCH	PI/2 BPSK	25	12	18.3	Pass
			QPSK	25	12	18.4	Pass
		HCH	PI/2 BPSK	25	12	18.5	Pass
			QPSK	25	12	18.6	Pass
	30	LCH	PI/2 BPSK	36	18	18.7	Pass
			QPSK	36	18	18.8	Pass
		MCH	PI/2 BPSK	36	18	18.9	Pass
			QPSK	36	18	18.10	Pass
		HCH	PI/2 BPSK	36	18	18.11	Pass
			QPSK	36	18	18.12	Pass
	40	LCH	PI/2 BPSK	50	25	18.13	Pass
			QPSK	50	25	18.14	Pass
		MCH	PI/2 BPSK	50	25	18.15	Pass
			QPSK	50	25	18.16	Pass
		HCH	PI/2 BPSK	50	25	18.17	Pass
			QPSK	50	25	18.18	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	19.1	Pass
			QPSK	25	12	19.2	Pass
		MCH	PI/2 BPSK	25	12	19.3	Pass
			QPSK	25	12	19.4	Pass
		HCH	PI/2 BPSK	25	12	19.5	Pass
			QPSK	25	12	19.6	Pass
	60	LCH	PI/2 BPSK	81	40	19.7	Pass
			QPSK	81	40	19.8	Pass
		MCH	PI/2 BPSK	81	40	19.9	Pass
			QPSK	81	40	19.10	Pass
		HCH	PI/2 BPSK	81	40	19.11	Pass
			QPSK	81	40	19.12	Pass
	100	LCH	PI/2 BPSK	135	67	19.13	Pass
			QPSK	135	67	19.14	Pass
		MCH	PI/2 BPSK	135	67	19.15	Pass
			QPSK	135	67	19.16	Pass
		HCH	PI/2 BPSK	135	67	19.17	Pass
			QPSK	135	67	19.18	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n77 (3450-3550MHz)	20	LCH	PI2-BPSK	25	12	20.1	Pass
			QPSK	25	12	20.2	Pass
		MCH	PI2-BPSK	25	12	20.3	Pass
			QPSK	25	12	20.4	Pass
		HCH	PI2-BPSK	25	12	20.5	Pass
			QPSK	25	12	20.6	Pass
	50	LCH	PI2-BPSK	64	32	20.7	Pass
			QPSK	64	32	20.8	Pass
		MCH	PI2-BPSK	64	32	20.9	Pass
			QPSK	64	32	20.10	Pass
		HCH	PI2-BPSK	64	32	20.11	Pass
			QPSK	64	32	20.12	Pass
	100	MCH	PI2-BPSK	135	67	20.13	Pass
			QPSK	135	67	20.14	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n77 (3700-3980MHz)	20	LCH	PI2-BPSK	25	12	21.1	Pass
			QPSK	25	12	21.2	Pass
		MCH	PI2-BPSK	25	12	21.3	Pass
			QPSK	25	12	21.4	Pass
		HCH	PI2-BPSK	25	12	21.5	Pass
			QPSK	25	12	21.6	Pass
	50	LCH	PI2-BPSK	64	32	21.7	Pass
			QPSK	64	32	21.8	Pass
		MCH	PI2-BPSK	64	32	21.9	Pass
			QPSK	64	32	21.10	Pass
		HCH	PI2-BPSK	64	32	21.11	Pass
			QPSK	64	32	21.12	Pass
	100	LCH	PI2-BPSK	135	67	21.13	Pass
			QPSK	135	67	21.14	Pass
		MCH	PI2-BPSK	135	67	21.15	Pass
			QPSK	135	67	21.16	Pass
		HCH	PI2-BPSK	135	67	21.17	Pass
			QPSK	135	67	21.18	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n78 (3450-3550MHz)	20	LCH	PI2-BPSK	25	12	22.1	Pass
			QPSK	25	12	22.2	Pass
		MCH	PI2-BPSK	25	12	22.3	Pass
			QPSK	25	12	22.4	Pass
		HCH	PI2-BPSK	25	12	22.5	Pass
			QPSK	25	12	22.6	Pass
	50	LCH	PI2-BPSK	64	32	22.7	Pass
			QPSK	64	32	22.8	Pass
		MCH	PI2-BPSK	64	32	22.9	Pass
			QPSK	64	32	22.10	Pass
		HCH	PI2-BPSK	64	32	22.11	Pass
			QPSK	64	32	22.12	Pass
	100	MCH	PI2-BPSK	135	67	22.13	Pass
			QPSK	135	67	22.14	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n78 (3700-3800MHz)	20	LCH	PI2-BPSK	25	12	23.1	Pass
			QPSK	25	12	23.2	Pass
		MCH	PI2-BPSK	25	12	23.3	Pass
			QPSK	25	12	23.4	Pass
		HCH	PI2-BPSK	25	12	23.5	Pass
			QPSK	25	12	23.6	Pass
	50	LCH	PI2-BPSK	64	32	23.7	Pass
			QPSK	64	32	23.8	Pass
		MCH	PI2-BPSK	64	32	23.9	Pass
			QPSK	64	32	23.10	Pass
		HCH	PI2-BPSK	64	32	23.11	Pass
			QPSK	64	32	23.12	Pass
	100	MCH	PI2-BPSK	135	67	23.13	Pass
			QPSK	135	67	23.14	Pass

A.6 Band Edge

Note 1: Test plots please refer to the document “Annex No.:BL-SZ2290497-501 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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
				RB75#0	9.40	Pass
	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 38	5 MHz	LCH	QPSK	RB1#0	12.1	Pass
				RB25#0	12.2	Pass
			16-QAM	RB1#0	12.3	Pass
				RB25#0	12.4	Pass
		HCH	QPSK	RB1#24	12.5	Pass
				RB25#0	12.6	Pass
			16-QAM	RB1#24	12.7	Pass
				RB25#0	12.8	Pass
	10 MHz	LCH	QPSK	RB1#0	12.9	Pass
				RB50#0	12.10	Pass
			16-QAM	RB1#0	12.11	Pass
				RB50#0	12.12	Pass
		HCH	QPSK	RB1#49	12.13	Pass
				RB50#0	12.14	Pass
			16-QAM	RB1#49	12.15	Pass
				RB50#0	12.16	Pass
	15 MHz	LCH	QPSK	RB1#0	12.17	Pass
				RB75#0	12.18	Pass
			16-QAM	RB1#0	12.19	Pass
				RB75#0	12.20	Pass
		HCH	QPSK	RB1#74	12.21	Pass
				RB75#0	12.22	Pass
			16-QAM	RB1#74	12.23	Pass
				RB75#0	12.24	Pass
	20 MHz	LCH	QPSK	RB1#0	12.25	Pass
				RB100#0	12.26	Pass
			16-QAM	RB1#0	12.27	Pass
				RB100#0	12.28	Pass
		HCH	QPSK	RB1#99	12.29	Pass
				RB100#0	12.30	Pass
			16-QAM	RB1#99	12.31	Pass
				RB100#0	12.32	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	13.1	Pass
				RB25#0	13.2	Pass
			16-QAM	RB1#0	13.3	Pass
				RB25#0	13.4	Pass
		HCH	QPSK	RB1#24	13.5	Pass
				RB25#0	13.6	Pass
			16-QAM	RB1#24	13.7	Pass
				RB25#0	13.8	Pass
	10 MHz	LCH	QPSK	RB1#0	13.9	Pass
				RB50#0	13.10	Pass
			16-QAM	RB1#0	13.11	Pass
				RB50#0	13.12	Pass
		HCH	QPSK	RB1#49	13.13	Pass
				RB50#0	13.14	Pass
			16-QAM	RB1#49	13.15	Pass
				RB50#0	13.16	Pass
	15 MHz	LCH	QPSK	RB1#0	13.17	Pass
				RB75#0	13.18	Pass
			16-QAM	RB1#0	13.19	Pass
				RB75#0	13.20	Pass
		HCH	QPSK	RB1#74	13.21	Pass
				RB75#0	13.22	Pass
			16-QAM	RB1#74	13.23	Pass
				RB75#0	13.24	Pass
	20 MHz	LCH	QPSK	RB1#0	13.25	Pass
				RB100#0	13.26	Pass
			16-QAM	RB1#0	13.27	Pass
				RB100#0	13.28	Pass
		HCH	QPSK	RB1#99	13.29	Pass
				RB100#0	13.30	Pass
			16-QAM	RB1#99	13.31	Pass
				RB100#0	13.32	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	0	14.1	Pass
		1	0	1	49	14.2	Pass
		100	0	50	0	14.3	Pass
	16-QAM	1	0	1	0	14.4	Pass
		1	0	1	49	14.5	Pass
		100	0	50	0	14.6	Pass
High	QPSK	1	0	1	49	14.7	Pass
		1	99	1	49	14.8	Pass
		100	0	50	0	14.9	Pass
	16-QAM	1	0	1	49	14.10	Pass
		1	99	1	49	14.11	Pass
		100	0	50	0	14.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	0	14.13	Pass
		1	0	1	99	14.14	Pass
		100	0	100	0	14.15	Pass
	16-QAM	1	0	1	0	14.16	Pass
		1	0	1	99	14.17	Pass
		100	0	100	0	14.18	Pass
High	QPSK	1	0	1	99	14.19	Pass
		1	99	1	99	14.20	Pass
		100	0	100	0	14.21	Pass
	16-QAM	1	0	1	99	14.22	Pass
		1	99	1	99	14.23	Pass
		100	0	100	0	14.24	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	0	15.1	Pass
		1	0	1	74	15.2	Pass
		75	0	75	0	15.3	Pass
	16-QAM	1	0	1	0	15.4	Pass
		1	0	1	74	15.5	Pass
		75	0	75	0	15.6	Pass
High	QPSK	1	0	1	74	15.7	Pass
		1	74	1	74	15.8	Pass
		75	0	75	0	15.9	Pass
	16-QAM	1	0	1	74	15.10	Pass
		1	74	1	74	15.11	Pass
		75	0	75	0	15.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	0	15.13	Pass
		1	0	1	99	15.14	Pass
		100	0	100	0	15.15	Pass
	16-QAM	1	0	1	0	15.16	Pass
		1	0	1	99	15.17	Pass
		100	0	100	0	15.18	Pass
High	QPSK	1	0	1	99	15.19	Pass
		1	99	1	99	15.20	Pass
		100	0	100	0	15.21	Pass
	16-QAM	1	0	1	99	15.22	Pass
		1	99	1	99	15.23	Pass
		100	0	100	0	15.24	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	16.1	Pass
				25	0	16.2	Pass
			QPSK	1	0	16.3	Pass
				25	0	16.4	Pass
		HCH	PI/2 BPSK	1	24	16.5	Pass
				25	0	16.6	Pass
			QPSK	1	24	16.7	Pass
				25	0	16.8	Pass
	15	LCH	PI/2 BPSK	1	0	16.9	Pass
				75	0	16.10	Pass
			QPSK	1	0	16.11	Pass
				75	0	16.12	Pass
		HCH	PI/2 BPSK	1	78	16.13	Pass
				75	0	16.14	Pass
			QPSK	1	78	16.15	Pass
				75	0	16.16	Pass
	20	LCH	PI/2 BPSK	1	0	16.17	Pass
				100	0	16.18	Pass
			QPSK	1	0	16.19	Pass
				100	0	16.20	Pass
		HCH	PI/2 BPSK	1	105	16.21	Pass
				100	0	16.22	Pass
			QPSK	1	105	16.23	Pass
				100	0	16.24	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	PI2-BPSK	1	0	17.1	Pass
				25	0	17.2	Pass
			QPSK	1	0	17.3	Pass
				25	0	17.4	Pass
		HCH	PI2-BPSK	1	24	17.5	Pass
				25	0	17.6	Pass
			QPSK	1	24	17.7	Pass
				25	0	17.8	Pass
	15	LCH	PI2-BPSK	1	0	17.9	Pass
				75	0	17.10	Pass
			QPSK	1	0	17.11	Pass
				75	0	17.12	Pass
		HCH	PI2-BPSK	1	78	17.13	Pass
				75	0	17.14	Pass
			QPSK	1	78	17.15	Pass
				75	0	17.16	Pass
	20	LCH	PI2-BPSK	1	0	17.17	Pass
				100	0	17.18	Pass
			QPSK	1	0	17.19	Pass
				100	0	17.20	Pass
		HCH	PI2-BPSK	1	105	17.21	Pass
				100	0	17.22	Pass
			QPSK	1	105	17.23	Pass
				100	0	17.24	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n38	20	LCH	PI/2 BPSK	1	0	18.1	Pass
				50	0	18.2	Pass
			QPSK	1	0	18.3	Pass
				50	0	18.4	Pass
		HCH	PI/2 BPSK	1	50	18.5	Pass
				50	0	18.6	Pass
			QPSK	1	50	18.7	Pass
				50	0	18.8	Pass
	30	LCH	PI/2 BPSK	1	0	18.9	Pass
				75	0	18.10	Pass
			QPSK	1	0	18.11	Pass
				75	0	18.12	Pass
		HCH	PI/2 BPSK	1	77	18.13	Pass
				75	0	18.14	Pass
			QPSK	1	77	18.15	Pass
				75	0	18.16	Pass
	40	LCH	PI/2 BPSK	1	0	18.17	Pass
				100	0	18.18	Pass
			QPSK	1	0	18.19	Pass
				100	0	18.20	Pass
		HCH	PI/2 BPSK	1	105	18.21	Pass
				100	0	18.22	Pass
			QPSK	1	105	18.23	Pass
				100	0	18.24	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	PI2-BPSK	1	0	19.1	Pass
				50	0	19.2	Pass
			QPSK	1	0	19.3	Pass
				50	0	19.4	Pass
		HCH	PI2-BPSK	1	50	19.5	Pass
				50	0	19.6	Pass
			QPSK	1	50	19.7	Pass
				50	0	19.8	Pass
	60	LCH	PI2-BPSK	1	0	19.9	Pass
				162	0	19.10	Pass
			QPSK	1	0	19.11	Pass
				162	0	19.12	Pass
		HCH	PI2-BPSK	1	161	19.13	Pass
				162	0	19.14	Pass
			QPSK	1	161	19.15	Pass
				162	0	19.16	Pass
	100	LCH	PI2-BPSK	1	0	19.17	Pass
				270	0	19.18	Pass
			QPSK	1	0	19.19	Pass
				270	0	19.20	Pass
		HCH	PI2-BPSK	1	272	19.21	Pass
				270	0	19.22	Pass
			QPSK	1	272	19.23	Pass
				270	0	19.24	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n77 (3450-3550MHz)	20	LCH	PI2-BPSK	1	0	20.1	Pass
				50	0	20.2	Pass
			QPSK	1	0	20.3	Pass
				50	0	20.4	Pass
		HCH	PI2-BPSK	1	50	20.5	Pass
				50	0	20.6	Pass
			QPSK	1	50	20.7	Pass
				50	0	20.8	Pass
	50	LCH	PI2-BPSK	1	0	20.9	Pass
				128	0	20.10	Pass
			QPSK	1	0	20.11	Pass
				128	0	20.12	Pass
		HCH	PI2-BPSK	1	132	20.13	Pass
				128	0	20.14	Pass
			QPSK	1	132	20.15	Pass
				128	0	20.16	Pass
	100	LCH	PI2-BPSK	1	0	20.17	Pass
				270	0	20.18	Pass
			QPSK	1	0	20.19	Pass
				270	0	20.20	Pass
		HCH	PI2-BPSK	1	272	20.21	Pass
				270	0	20.22	Pass
			QPSK	1	272	20.23	Pass
				270	0	20.24	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n77 (3700-3980MHz)	20	LCH	PI2-BPSK	1	0	21.1	Pass
				50	0	21.2	Pass
			QPSK	1	0	21.3	Pass
				50	0	21.4	Pass
		HCH	PI2-BPSK	1	50	21.5	Pass
				50	0	21.6	Pass
			QPSK	1	50	21.7	Pass
				50	0	21.8	Pass
	50	LCH	PI2-BPSK	1	0	21.9	Pass
				128	0	21.10	Pass
			QPSK	1	0	21.11	Pass
				128	0	21.12	Pass
		HCH	PI2-BPSK	1	132	21.13	Pass
				128	0	21.14	Pass
			QPSK	1	132	21.15	Pass
				128	0	21.16	Pass
	100	LCH	PI2-BPSK	1	0	21.17	Pass
				270	0	21.18	Pass
			QPSK	1	0	21.19	Pass
				270	0	21.20	Pass
		HCH	PI2-BPSK	1	272	21.21	Pass
				270	0	21.22	Pass
			QPSK	1	272	21.23	Pass
				270	0	21.24	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n78 (3450-3550MHz)	20	LCH	PI2-BPSK	1	0	22.1	Pass
				50	0	22.2	Pass
			QPSK	1	0	22.3	Pass
				50	0	22.4	Pass
		HCH	PI2-BPSK	1	50	22.5	Pass
				50	0	22.6	Pass
			QPSK	1	50	22.7	Pass
				50	0	22.8	Pass
	50	LCH	PI2-BPSK	1	0	22.9	Pass
				128	0	22.10	Pass
			QPSK	1	0	22.11	Pass
				128	0	22.12	Pass
		HCH	PI2-BPSK	1	132	22.13	Pass
				128	0	22.14	Pass
			QPSK	1	132	22.15	Pass
				128	0	22.16	Pass
	100	LCH	PI2-BPSK	1	0	22.17	Pass
				270	0	22.18	Pass
			QPSK	1	0	22.19	Pass
				270	0	22.20	Pass
		HCH	PI2-BPSK	1	272	22.21	Pass
				270	0	22.22	Pass
			QPSK	1	272	22.23	Pass
				270	0	22.24	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n78 (3700-3800MHz)	20	LCH	PI2-BPSK	1	0	23.1	Pass
				50	0	23.2	Pass
			QPSK	1	0	23.3	Pass
				50	0	23.4	Pass
		HCH	PI2-BPSK	1	50	23.5	Pass
				50	0	23.6	Pass
			QPSK	1	50	23.7	Pass
				50	0	23.8	Pass
	50	LCH	PI2-BPSK	1	0	23.9	Pass
				128	0	23.10	Pass
			QPSK	1	0	23.11	Pass
				128	0	23.12	Pass
		HCH	PI2-BPSK	1	132	23.13	Pass
				128	0	23.14	Pass
			QPSK	1	132	23.15	Pass
				128	0	23.16	Pass
	100	LCH	PI2-BPSK	1	0	23.17	Pass
				270	0	23.18	Pass
			QPSK	1	0	23.19	Pass
				270	0	23.20	Pass
		HCH	PI2-BPSK	1	272	23.21	Pass
				270	0	23.22	Pass
			QPSK	1	272	23.23	Pass
				270	0	23.24	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-SZ2290497-501 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 38	5 MHz	MCH	QPSK	RB1#0	12.1	Pass
	10 MHz	MCH	QPSK	RB1#0	12.2	Pass
	15 MHz	MCH	QPSK	RB1#0	12.3	Pass
	20 MHz	MCH	QPSK	RB1#0	12.4	Pass
Band 41	5 MHz	MCH	QPSK	RB1#0	13.1	Pass
	10 MHz	MCH	QPSK	RB1#0	13.2	Pass
	15 MHz	MCH	QPSK	RB1#0	13.3	Pass
	20 MHz	MCH	QPSK	RB1#0	13.4	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note3]	Verdict
		Size	Offset	Size	Offset		
CA_7C							
20MHz+10MHz							
Low	QPSK	1	0	1	49	14.1	Pass
Mid	QPSK	1	0	1	49	14.2	Pass
High	QPSK	1	0	1	49	14.3	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	14.4	Pass
Mid	QPSK	1	0	1	99	14.5	Pass
High	QPSK	1	0	1	99	14.6	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note3]	Verdict
		Size	Offset	Size	Offset		
CA_38C							
15MHz+15MHz							
Low	QPSK	1	0	1	74	15.1	Pass
Mid	QPSK	1	0	1	74	15.2	Pass
High	QPSK	1	0	1	74	15.3	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	15.4	Pass
Mid	QPSK	1	0	1	99	15.5	Pass
High	QPSK	1	0	1	99	15.6	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note3]	Verdict
		Size	Offset	Size	Offset		
CA_4A-7A							
5MHz+5MHz							
Low	QPSK	1	0	1	0	16.1	Pass
High	QPSK	1	0	1	0	16.2	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	0	16.3	Pass
High	QPSK	1	0	1	0	16.4	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	PI/2 BPSK	12	6	17.1	Pass
	15		PI/2 BPSK	36	18	17.2	Pass
	20		PI/2 BPSK	50	25	17.3	Pass
	5	MCH	QPSK	12	6	17.4	Pass
	15		QPSK	36	18	17.5	Pass
	20		QPSK	50	25	17.6	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	PI/2 BPSK	12	6	18.1	Pass
	15		PI/2 BPSK	36	18	18.2	Pass
	20		PI/2 BPSK	50	25	18.3	Pass
	5	MCH	QPSK	12	6	18.4	Pass
	15		QPSK	36	18	18.5	Pass
	20		QPSK	50	25	18.6	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	20	MCH	PI/2 BPSK	25	12	19.1	Pass
	30		PI/2 BPSK	36	18	19.2	Pass
	40		PI/2 BPSK	50	25	19.3	Pass
	20	MCH	QPSK	25	12	19.4	Pass
	30		QPSK	36	18	19.5	Pass
	40		QPSK	50	25	19.6	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	PI/2 BPSK	25	12	20.1	Pass
	60		PI/2 BPSK	81	40	20.2	Pass
	100		PI/2 BPSK	135	67	20.3	Pass
	20	MCH	QPSK	25	12	20.4	Pass
	60		QPSK	81	40	20.5	Pass
	100		QPSK	135	67	20.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n77 (3450-3550MHz)	20	MCH	PI/2 BPSK	25	12	21.1	Pass
	50		PI/2 BPSK	64	32	21.2	Pass
	100		PI/2 BPSK	135	67	21.3	Pass
	20	MCH	QPSK	25	12	21.4	Pass
	50		QPSK	64	32	21.5	Pass
	100		QPSK	135	67	21.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n77 (3700-3980MHz)	20	MCH	PI/2 BPSK	25	12	22.1	Pass
	50		PI/2 BPSK	64	32	22.2	Pass
	100		PI/2 BPSK	135	67	22.3	Pass
	20	MCH	QPSK	25	12	22.4	Pass
	50		QPSK	64	32	22.5	Pass
	100		QPSK	135	67	22.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n78 (3450-3550MHz)	20	MCH	PI/2 BPSK	25	12	23.1	Pass
	50		PI/2 BPSK	64	32	23.2	Pass
	100		PI/2 BPSK	135	67	23.3	Pass
	20	MCH	QPSK	25	12	23.4	Pass
	50		QPSK	64	32	23.5	Pass
	100		QPSK	135	67	23.6	Pass

Test Band	NR Test Bandwidth (MHz)	Test Channel	Test Mode	NR UL RB No.	NR UL RB Pos.	Refer to Plot[Note3]	Verdict
n78 (3700-3800MHz)	20	MCH	PI/2 BPSK	25	12	24.1	Pass
	50		PI/2 BPSK	64	32	24.2	Pass
	100		PI/2 BPSK	135	67	24.3	Pass
	20	MCH	QPSK	25	12	24.4	Pass
	50		QPSK	64	32	24.5	Pass
	100		QPSK	135	67	24.6	Pass

EN-DC Configuration		DC_2A_n78A (3450-3550MHz)		DC_2A_n78A (3700-3800MHz)	
		Low Channel	High Channel	Low Channel	High Channel
NR Cell	Band	n78		n78	
	SCS (kHz)	30	30	30	30
	Bandwidth (MHz)	20	100	20	100
	DL Channel	630668	633332	647334	650000
	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_Left
E-UTRA Cell	Band	Band2		Band2	
	Bandwidth (MHz)	5	20	5	20
	DL Channel	625	1100	625	1100
	Modulation	QPSK	QPSK	QPSK	QPSK
	RB Allocation	Edge_1RB_Left	Edge_1RB_Left	Edge_1RB_Left	Outer_1RB_Left
Refer to Plot[Note3]		25.1	25.2	26.1	26.2
Verdict		Pass	Pass	Pass	Pass

EN-DC Configuration		DC_5A_n78A (3450-3550MHz)		DC_5A_n78A (3700-3800MHz)	
		High Channel	High Channel	High Channel	High Channel
NR Cell	Band	n78		n78	
	SCS (kHz)	30	30	30	30
	Bandwidth (MHz)	20	100	20	100
	DL Channel	636000	633332	652666	650000
	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_Left
E-UTRA Cell	Band	Band5		Band5	
	Bandwidth (MHz)	5	10	5	10
	DL Channel	2625	2600	2625	2600
	Modulation	QPSK	QPSK	QPSK	QPSK
	RB Allocation	Edge_1RB_Left	Edge_1RB_Left	Outer_1RB_Left	Outer_1RB_Left
Refer to Plot[Note3]		27.1	27.2	28.1	28.2
Verdict		Pass	Pass	Pass	Pass

EN-DC Configuration		DC_7A_n5A	
		High Channel	High Channel
NR Cell	Band	n5	
	SCS (kHz)	15	15
	Bandwidth (MHz)	5	20
	DL Channel	178300	176800
	Modulation	CP-OFDM QPSK	CP-OFDM QPSK
	RB Allocation	Edge-1RB-Right	Edge_1RB_Left
E-UTRA Cell	Band	Band7	
	Bandwidth (MHz)	5	20
	DL Channel	3425	3350
	Modulation	QPSK	QPSK
	RB Allocation	Edge-1RB-Right	Edge_1RB_Left
Refer to Plot[Note3]		29.1	29.2
Verdict		Pass	Pass

EN-DC Configuration		DC_7A_n78A (3450-3550MHz)		DC_7A_n78A (3700-3800MHz)	
		Low Channel	High Channel	Low Channel	High Channel
NR Cell	Band	n78		n78	
	SCS (kHz)	30	30	30	30
	Bandwidth (MHz)	20	100	20	100
	DL Channel	630668	633332	647334	650000
	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_Left
E-UTRA Cell	Band	Band7		Band7	
	Bandwidth (MHz)	5	20	5	20
	DL Channel	2775	3350	2775	3350
	Modulation	QPSK	QPSK	QPSK	QPSK
	RB Allocation	Outer_1RB_Left	Edge_1RB_Left	Outer_1RB_Left	Outer_1RB_Left
Refer to Plot[Note3]		30.1	30.2	31.1	31.2
Verdict		Pass	Pass	Pass	Pass

EN-DC Configuration		DC_41A_n78A (3450-3550MHz)		DC_41A_n78A (3700-3800MHz)	
		Low Channel	Low Channel	Low Channel	Low Channel
NR Cell	Band	n78		n78	
	SCS (kHz)	30	30	30	30
	Bandwidth (MHz)	20	100	20	100
	DL Channel	630668	633332	647334	650000
	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_Left
E-UTRA Cell	Band	Band41		Band41	
	Bandwidth (MHz)	5	20	5	20
	DL Channel	39675	39750	39675	39750
	Modulation	QPSK	QPSK	QPSK	QPSK
	RB Allocation	Outer_1RB_Left	Outer_1RB_Left	Outer_1RB_Left	Outer_1RB_Left
Refer to Plot[Note3]		32.1	32.2	33.1	33.2
Verdict		Pass	Pass	Pass	Pass

ANNEX B TEST SETUP PHOTOS

Please refer to the document “BL-SZ2290497-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer to the document “BL-SZ290497-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer to the document “BL-SZ2290497-AI.PDF”.

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