TEST REPORT

Applicant:	TECNO MOBILE LIMITED
Address:	ROOMS 05-15, 13A/F., SOUTH TOWER, WORLD FINANCE CENTRE, HARBOUR CITY,HARBOURHong Kong
Equipment Type:	Mobile Phone
Model Name:	KM6
Brand Name:	TECNO
FCC ID:	2ADYY-KM6
Test Standard:	47 CFR Part 2 (Others refer to chapter 3.1)
Sample Arrival Date:	Mar. 26, 2025
Test Date:	Mar. 26, 2025 - Apr. 11, 2025
Date of Issue:	May 18, 2025

ISSUED BY:

Shanghai Tejet Communications Technology Co., Ltd. Testing Center

Prepared by: She Junyang **Reviewed by:** Zhu Feng **Approved by:** Chen Zidong (Technical Director)

Revision History

Version	Issue Date	Revisions Content
Rev. 01	May 18, 2025	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shanghai Tejet Communications Technology Co., Ltd. Testing Center
Address	1-2/F., Building 1, No.222, Xuanlan Road, Xuanqiao, Pudong New District, Shanghai, China

1.2 Test Location

Name	Shanghai Tejet Communications Technology Co., Ltd. Testing Center
Location	1-2/F., Building 1, No.222, Xuanlan Road, Xuanqiao, Pudong New District, Shanghai, China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory.The designation number is CN1352

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	TECNO MOBILE LIMITED
Address	ROOMS 05-15, 13A/F., SOUTH TOWER, WORLD FINANCE CENTRE, HARBOUR CITY,HARBOURHong Kong

2.2 Manufacturer Information

Manufacturer	TECNO MOBILE LIMITED
Address	ROOMS 05-15, 13A/F., SOUTH TOWER, WORLD FINANCE CENTRE, HARBOUR CITY,HARBOURHong Kong

2.3 Factory Information

Factory	SHENZHEN TECNO TECHNOLOGY CO., LTD.
Address	101, Building 24, Waijing Industrial Park,Fumin Community, Fucheng Street, Longhua District, Shenzhen City, P.R. China

2.4 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	KM6
Series Model Name	N/A
Description of Model name differentiation	N/A
Sample No	BL-SH2530273-S01
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	163.67*75.87*6.85mm
Weight (Approx.)	N/A

2.5 Technical Information

All Network and Wireless connectivity for EUT	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/17/66 LTE TDD Band 38/41 UL CA:CA_2C/CA_5B/ CA_7C /CA_38C/CA_41C/CA_66C Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n HT20, 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) ,5.8G SRD, GPS, GLONASS, BDS, Galileo, FM receiver,NFC
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

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

Operating Bands	GSM/GPRS/EGPRS 850/1900 MHz WCDMA/HSDPA/HSUPA Band 2/4/5 FDD LTE Band 2/4/5/7/12/17/66 TDD LTE Band 38/41(120M) LTE CA Uplink (UL): CA_2C, CA_5B, CA_7C, CA_38C, CA_41C, CA_66C	
Modulation Type	GSM/GPRS	GMSK
	EGPRS	8PSK
	WCDMA	QPSK
	HSDPA /HSUPA	QPSK
		16QAM
	LTE	QPSK/16QAM
Multislot Class	GPRS/EGPRS: 12	
Antenna Type	PIFA Antenna	
Antenna Gain	GSM/GPRS/EGPRS 850: -5.83 dBi GSM/GPRS/EGPRS 1900: -2.94 dBi WCDMA/HSDPA/HSUPA Band 2: -2.94 dBi WCDMA/HSDPA/HSUPA Band 4: -4.43 dBi WCDMA/HSDPA/HSUPA Band 5: -5.83 dBi FDD LTE Band 2: -2.94 dBi FDD LTE Band 4: -4.43 dBi FDD LTE Band 5: -5.83 dBi FDD LTE Band 7: -4.06 dBi FDD LTE Band 12: -5.75 dBi FDD LTE Band 17: -5.75 dBi TDD LTE Band 38: -4.06 dBi TDD LTE Band 41(120M): -4.06 dBi	

	FDD LTE Band 66: -4.43 dBi CA_2C: -4.43 dBi CA_5B: -5.83 dBi CA_7C: -4.06 dBi CA_38C: -4.06 dBi CA_41C: -4.06 dBi CA_66C: -4.43 dBi
The Max RF Output Power (EIRP/ERP)	GSM/GPRS/EGPRS 850: 24.02 dBm GSM/GPRS/EGPRS 1900: 23.40 dBm WCDMA/HSDPA/HSUPA Band 2: 15.42 dBm WCDMA/HSDPA/HSUPA Band 4: 13.07 dBm WCDMA/HSDPA/HSUPA Band 5: 15.23 dBm FDD LTE Band 2: 13.70 dBm FDD LTE Band 4: 14.19 dBm FDD LTE Band 5: 15.60 dBm FDD LTE Band 7: 15.06 dBm FDD LTE Band 12: 15.60 dBm FDD LTE Band 17: 15.64 dBm TDD LTE Band 38: 16.45 dBm TDD LTE Band 41(120M): 16.54 dBm FDD LTE Band 66: 14.16 dBm CA_2C: 15.29 dBm CA_5B: 20.36 dBm CA_7C: 17.27 dBm CA_38C: 17.67 dBm CA_41C: 17.83 dBm CA_66C: 16.94 dBm

Band	Power Class		Tx Frequency Range	Rx Frequency Range
	GMSK	8PSK		
GSM850	4	E2	824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
GSM1900	1	E2	1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
WCDMA B2	3		1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
WCDMA B4	3		1710 MHz ~ 1755 MHz	2110 MHz ~ 2155 MHz
WCDMA B5	3		824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
LTE B2	3		1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
LTE B4	3		1710 MHz ~ 1755 MHz	2110 MHz ~ 2155 MHz
LTE B5	3		824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
LTE B7	3		2500 MHz ~ 2570 MHz	2620 MHz ~ 2690 MHz
LTE B12	3		699 MHz ~ 716 MHz	729 MHz ~ 746 MHz
LTE B17	3		704 MHz ~ 716 MHz	734 MHz ~ 746 MHz
LTE B38	3		2570 MHz ~ 2620 MHz	2570 MHz ~ 2620 MHz
LTE B41(120M)	3		2535 MHz ~ 2655 MHz	2535 MHz ~ 2655 MHz
LTE B66	3		1710 MHz ~ 1780 MHz	2110 MHz ~ 2200 MHz

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

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 C63.26-2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
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 22.913 24.232(d) 27.50(d)	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

3.3 Decision Rule

☐ No Need

☒ Use General conformity decision rule (Consider uncertainty or not ☑ No ☐ Yes)

☐ Use Special Conformity Decision Rule (Consider uncertainty or not ☐ No ☐ Yes)

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity		25% to 75%
Atmospheric Pressure		98 kPa to 102 kPa
Test Voltage of the EUT	NV (Normal Voltage)	3.92 V
	LV (Low Voltage)	3.45 V
	HV (High Voltage)	4.53 V
Test Temperature of the EUT	NT (Normal Temperature)	15 °C to 35 °C
	LT (Low Temperature)	-10°C
	HT (High Temperature)	55°C

4.2 Test Equipment List

Description	Manufacturer	Model	Equipment No.	Software /Firmware Version	Cal. Date	Cal. Due
BL410 2G/3G/4G RF Test System						
Wideband Radio Communication Tester	R&S	CMW 500	BH-EMC-L064	V3.7.60	2025/2/12	2026/2/12
PSA Spectrum Analyzer	Agilent	E4440A	TJEMC013	A.11.07	2025/4/6	2026/4/6
Signal Generator	Keysight	N5173B	BH-EMC-L074	B.01.90	2025/2/12	2026/2/12
DC Power Supply	ITECH	IT6863A	BH-EMC-L113	N/A	2025/2/12	2026/2/12
Filter unit	BALUN	SU319F	BH-EMC-L077	N/A	N/A	N/A
Filter unit	BALUN	SU319F	BH-EMC-L078	N/A	N/A	N/A
Filter unit	BALUN	SU319F	BH-EMC-L122	N/A	N/A	N/A
Switch unit	BALUN	SU319	BH-EMC-L076	N/A	N/A	N/A
Test Software	BALUN	BL410R	NA	V3.0.1.539	N/A	N/A
Radiated Test System						
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	BH-EMC-L008	NA	2024/3/11	2027/3/10

Test Antenna-Horn	Schwarzbeck	BBHA 9120D	BH-EMC-L044	NA	2024/3/11	2027/3/10
Anechoic Chamber	YIHENG	9m*6m*6m	BH-EMC-L001	NA	2024/4/14	2027/4/13
EMI Receiver	KEYSIGHT	N9038A	BH-EMC-L015	A.21.06	2024/7/9	2025/7/9
Wideband Radio Communication Tester	R&S	CMW 500	BH-EMC-L094	V3.7.172	2025/2/12	2026/2/11
Test Software	BALUN	BL410-E	NA	V21.919	N/A	N/A

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
	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
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
	GPRS 850	v	v	v

Test Items	Test Mode	Test Channel		
		LCH	MCH	HCH
	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
Band Edge	GSM 850	v	--	v
	GSM 1900	v	--	v
	GPRS 850	v	--	v
	GPRS 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
	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	Bandwidth (MHz)						Modulation Type		RB#			Test Channel		
Band	1.4	3	5	10	15	20	QPSK	16-QAM	1	Half	Full	LCH	MCH	HCH
Effective (Isotropic) Radiated Power														
2	v	v	v	v	v	v	v	v	v	v	v	v	v	v
4	v	v	v	v	v	v	v	v	v	v	v	v	v	v
5	v	v	v	v	n	n	v	v	v	v	v	v	v	v
7	n	n	v	v	v	v	v	v	v	v	v	v	v	v
12	v	v	v	v	n	n	v	v	v	v	v	v	v	v
17	n	n	v	v	n	n	v	v	v	v	v	v	v	v
38	n	n	v	v	v	v	v	v	v	v	v	v	v	v
41	n	n	v	v	v	v	v	v	v	v	v	v	v	v
66	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak to Average Ratio														
2	--	--	--	--	--	v	v	v	v	--	v	v	v	v
4	--	--	--	--	--	v	v	v	v	--	v	v	v	v
5	--	--	--	v	n	n	v	v	v	--	v	v	v	v
7	n	n	--	--	--	v	v	v	v	--	v	v	v	v
12	--	--	--	v	n	n	v	v	v	--	v	v	v	v
17	n	n	--	v	n	n	v	v	v	--	v	v	v	v
38	n	n	--	--	--	v	v	v	v	--	v	v	v	v
41	n	n	--	--	--	v	v	v	v	--	v	v	v	v
66	--	--	--	--	--	v	v	v	v	--	v	v	v	v
Occupied Bandwidth														
2	v	v	v	v	v	v	v	v	--	--	v	v	v	v
4	v	v	v	v	v	v	v	v	--	--	v	v	v	v
5	v	v	v	v	n	n	v	v	--	--	v	v	v	v
7	n	n	v	v	v	v	v	v	--	--	v	v	v	v
12	v	v	v	v	n	n	v	v	--	--	v	v	v	v
17	n	n	v	v	n	n	v	v	--	--	v	v	v	v
38	n	n	v	v	v	v	v	v	--	--	v	v	v	v
41	n	n	v	v	v	v	v	v	--	--	v	v	v	v
66	v	v	v	v	v	v	v	v	--	--	v	v	v	v
Frequency Stability														
2	--	--	v	--	--	--	v	v	--	--	v	--	v	--
4	--	--	v	--	--	--	v	v	--	--	v	--	v	--
5	--	--	v	--	n	n	v	v	--	--	v	--	v	--
7	n	n	v	--	--	--	v	v	--	--	v	--	v	--
12	--	--	v	--	n	n	v	v	--	--	v	--	v	--
17	n	n	v	--	n	n	v	v	--	--	v	--	v	--
38	n	n	v	--	--	--	v	v	--	--	v	--	v	--
41	n	n	v	--	--	--	v	v	--	--	v	--	v	--
66	n	n	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
Spurious Emission at Antenna Terminals														
2	v	v	v	v	v	v	v	v	v	--	--	v	v	v
4	v	v	v	v	v	v	v	v	v	--	--	v	v	v
5	v	v	v	v	n	n	v	v	v	--	--	v	v	v
7	n	n	v	v	v	v	v	v	v	--	--	v	v	v
12	v	v	v	v	n	n	v	v	v	--	--	v	v	v
17	n	n	v	v	n	n	v	v	v	--	--	v	v	v
38	n	n	v	v	v	v	v	v	v	--	--	v	v	v
41	n	n	v	v	v	v	v	v	v	--	--	v	v	v
66	v	v	v	v	v	v	v	v	--	--	--	v	v	v
Band Edge														
2	v	v	v	v	v	v	v	v	v	--	v	v	--	v
4	v	v	v	v	v	v	v	v	v	--	v	v	--	v
5	v	v	v	v	n	n	v	v	v	--	v	v	--	v
7	n	n	v	v	v	v	v	v	v	--	v	v	--	v
12	v	v	v	v	n	n	v	v	v	--	v	v	--	v
17	n	n	v	v	n	n	v	v	v	--	v	v	--	v
38	n	n	v	v	v	v	v	v	v	--	v	v	--	v
41	n	n	v	v	v	v	v	v	v	--	v	v	--	v
66	v	v	v	v	v	v	v	v	v	--	v	v	--	v
Field Strength of Spurious Radiation														
2	Worst case													
4	Worst case													
5	Worst case													
7	Worst case													
12	Worst case													
17	Worst case													
38	Worst case													
41	Worst case													
66	Worst case													

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

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
LTE Band 2	Low Range	1.4	18607	1850.7
		3	18615	1851.5
		5	18625	1852.5
		10	18650	1855
		15	18675	1857.5
		20	18700	1860
	Middle Range	1.4/3/5/10/15/20	18900	1880
	High Range	1.4	19193	1909.3
		3	19185	1908.5
		5	19175	1907.5
		10	19150	1905
		15	19125	1902.5
		20	19100	1900
LTE Band 4	Low Range	1.4	19957	1710.7
		3	19965	1711.5
		5	19975	1712.5
		10	20000	1715
		15	20025	1717.5
		20	20050	1720
	Middle Range	1.4/3/5/10/15/20	20175	1732.5
	High Range	1.4	20393	1754.3
		3	20385	1753.5
		5	20375	1752.5
		10	20350	1750
		15	20325	1747.5
		20	20300	1745
LTE Band 5	Low Range	1.4	20407	824.7
		3	20415	825.5
		5	20425	826.5
		10	20450	829
	Middle Range	1.4/3/5/10	20525	836.5
	High Range	1.4	20643	848.3
		3	20635	847.5
		5	20625	846.5
		10	20600	844
LTE Band 7	Low Range	5	20775	2502.5
		10	20800	2505
		15	20825	2507.5
		20	20850	2510
	Middle Range	5/10/15/20	21100	2535

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
	High Range	5	21425	2567.5
		10	21400	2565
		15	21375	2562.5
		20	21350	2560
LTE Band 12	Low Range	1.4	23017	699.7
		3	23025	700.5
		5	23035	701.5
		10	23060	704
	Middle Range	1.4/3/5/10	23095	707.5
	High Range	1.4	23173	715.3
		3	23165	714.5
		5	23155	713.5
		10	23130	711
LTE Band 17	Low Range	5	23755	706.5
		10	23780	709
	Middle Range	5/10	23790	710
	High Range	5	23825	713.5
		10	23800	711
LTE Band 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(120M)	Low Range	5	40065	2537.5
		10	40090	2540
		15	40115	2542.5
		20	40140	2545
	Middle Range	5/10/15/20	40640	2595
	High Range	5	41215	2652.5
		10	41190	2650
		15	41165	2647.5
		20	41140	2645
LTE Band 66	Low Range	1.4	131979	1710.7
		3	131987	1711.5
		5	131997	1712.5
		10	132022	1715
		15	132047	1717.5

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
		20	132072	1720
	Middle Range	1.4/3/5/10/15/20	132422	1745
	High Range	1.4	132665	1755
		3	132657	1779.3
		5	132647	1778.5
		10	132622	1777.5
		15	132597	1772.5
		20	132572	1770

Test frequencies for CA_2C											
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	25+100	25	18633	1853.3	633	1933.3	100	18750	1865	750	1945
		100	18700	1860	700	1940	25	18817	1871.7	817	1951.7
	50+75	50	18653	1855.3	653	1935.3	75	18773	1867.3	773	1947.3
		75	18675	1857.5	675	1937.5	50	18795	1869.5	795	1949.5
	50+100	50	18655	1855.5	655	1935.5	100	18799	1869.9	799	1949.9
		100	18700	1860	700	1940	50	18844	1874.4	844	1954.4
	75+75	75	18675	1857.5	675	1937.5	75	18825	1872.5	825	1952.5
	75+100	75	18678	1857.8	678	1937.8	100	18849	1874.9	849	1954.9
		100	18700	1860	700	1940	75	18871	1877.1	871	1957.1
	100+100	100	18700	1860	700	1940	100	18898	1879.8	898	1959.8
Mid	25+100	25	18808	1870.8	808	1950.8	100	18925	1882.5	925	1962.5
		100	18875	1877.5	875	1957.5	25	18992	1889.2	992	1969.2
	50+75	50	18829	1872.9	829	1952.9	75	18949	1884.9	949	1964.9
		75	18851	1875.1	851	1955.1	50	18971	1887.1	971	1967.1
	50+100	50	18806	1870.6	806	1950.6	100	18950	1885	950	1965
		100	18851	1875.1	851	1955.1	50	18995	1889.5	995	1969.5
	75+75	75	18825	1872.5	825	1952.5	75	18975	1887.5	975	1967.5
	75+100	75	18803	1870.3	803	1950.3	100	18974	1887.4	974	1967.4
		100	18826	1872.6	826	1952.6	75	18997	1889.7	997	1969.7
	100+100	100	18801	1870.1	801	1950.1	100	18999	1889.9	999	1969.9
High	25+100	25	18983	1888.3	983	1968.3	100	19100	1900	1100	1980
		100	19050	1895	1050	1975	25	19167	1906.7	1167	1986.7
	50+75	50	19005	1890.5	1005	1970.5	75	19125	1902.5	1125	1982.5
		75	19027	1892.7	1027	1972.7	50	19147	1904.7	1147	1984.7
	50+100	50	18956	1885.6	956	1965.6	100	19100	1900	1100	1980
		100	19001	1890.1	1001	1970.1	50	19145	1904.5	1145	1984.5
	75+75	75	18975	1887.5	975	1967.5	75	19125	1902.5	1125	1982.5
	75+100	75	18929	1882.9	929	1962.9	100	19100	1900	1100	1980
		100	18951	1885.1	951	1965.1	75	19122	1902.2	1122	1982.2
	100+100	100	18902	1880.2	902	1960.2	100	19100	1900	1100	1980
Note 1: Carriers in increasing frequency order.											

Test frequencies for CA_5B											
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	25+50	25	20428	826.8	2428	871.8	50	20500	834	2500	879
		50	20450	829	2450	874	25	20522	836.2	2522	881.2
	50+50	50	20450	829	2450	874	50	20549	838.9	2549	883.9
Mid	25+50	25	20478	831.8	2478	876.8	50	20550	839	2550	884
		50	20500	834	2500	879	25	20572	841.2	2572	886.2
	50+50	50	20476	831.6	2476	876.6	50	20575	841.5	2575	886.5
High	25+50	25	20528	836.8	2528	881.8	50	20600	844	2600	889
		50	20550	839	2550	884	25	20622	846.2	2622	891.2
	50+50	50	20501	834.1	2501	879.1	50	20600	844	2600	889

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

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

Test frequencies for CA_41C (2535-2655MHz)							
Range	CC-Combo / NRB_agg [RB]	CC1			CC2		
		BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]	BW [RB]	$N_{UL/DL}$	$f_{UL/DL}$ [MHz]
Low	25+100	25	40073	2538.3	100	40190	2550
		100	40140	2545	25	40257	2556.7
	50+75	50	40093	2540.3	75	40213	2552.3
		75	40115	2542.5	50	40235	2554.5
	50+100	50	40095	2540.5	100	40239	2554.9
		100	40140	2545	50	40284	2559.4
	75+75	75	40115	2542.5	75	40265	2557.5
	75+100	75	40118	2542.8	100	40289	2559.9
		100	40140	2545	75	40311	2562.1
	100+100	100	40140	2545	100	40338	2564.8
Mid	25+100	25	40548	2585.8	100	40665	2597.5
		100	40615	2592.5	25	40732	2604.2
	50+75	50	40569	2587.9	75	40689	2599.9
		75	40591	2590.1	50	40711	2602.1
	50+100	50	40546	2585.6	100	40690	2600
		100	40591	2590.1	50	40735	2604.5
	75+75	75	40565	2587.5	75	40715	2602.5
	75+100	75	40543	2585.3	100	40714	2602.4
		100	40566	2587.6	75	40737	2604.7
	100+100	100	40541	2585.1	100	40739	2604.9
High	25+100	25	41023	2585.8	100	41140	2645
		100	41090	2640	25	41207	2651.7
	50+75	50	41045	2635.5	75	41165	2647.5
		75	41067	2637.7	50	41187	2649.7
	50+100	50	40996	2630.6	100	41140	2645
		100	41041	2635.1	50	41185	2649.5
	75+75	75	41015	2632.5	75	41165	2647.5
	75+100	75	40969	2627.9	100	41140	2645

		100	40991	2630.1	75	41162	2647.2
	100+100	100	40942	2625.2	100	41140	2645

Test frequencies for CA_66C											
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+75	50	132025	1715.3	66489	2115.3	75	132145	1727.3	66609	2127.3
		75	132047	1717.5	66511	2117.5	50	132167	1729.5	66631	2129.5
	50+100	50	132027	1715.5	66491	2115.5	100	132171	1729.9	66635	2129.9
		100	132072	1720	66536	2120	50	132216	1734.4	66680	2134.4
	75+75	75	132047	1717.5	66511	2117.5	75	132197	1732.5	66661	2132.5
	75+100	75	132050	1717.8	66514	2117.8	100	132221	1734.9	66685	2134.9
		100	132072	1720	66536	2120	75	132243	1737.1	66707	2137.1
	100+25	100	132072	1720	66536	2120	25	132189	1731.7	66653	2131.7
		25	132005	1713.3	66469	2113.3	100	132122	1725	66586	2125
	100+100	100	132072	1720	66536	2120	100	132270	1739.8	66734	2139.8
Mid	50+75	50	132351	1747.9	66815	2147.9	75	132471	1759.9	66935	2159.9
		75	132373	1750.1	66837	2150.1	50	132493	1762.1	66957	2162.1
	50+100	50	132328	1745.6	66792	2145.6	100	132472	1760	66936	2160
		100	132373	1750.1	66837	2150.1	50	132517	1764.5	66981	2164.5
	75+75	75	132347	1747.5	66811	2147.5	75	132497	1762.5	66961	2162.5
	75+100	75	132325	1745.3	66789	2145.3	100	132496	1762.4	66960	2162.4
		100	132348	1747.6	66812	2147.6	75	132519	1764.7	66983	2164.7
	100+25	100	132397	1752.5	66861	2152.5	25	132514	1764.2	66978	2164.2
		25	132330	1745.8	66794	2145.8	100	132447	1757.5	66911	2157.5
	100+100	100	132323	1745.1	66787	2145.1	100	132521	1764.9	66985	2164.9
High	50+75	50	132477	1760.5	66941	2160.5	75	132597	1772.5	67061	2172.5
		75	132499	1762.7	66963	2162.7	50	132619	1774.7	67083	2174.7
	50+100	50	132428	1755.6	66892	2155.6	100	132572	1770	67036	2170
		100	132473	1760.1	66937	2160.1	50	132617	1774.5	67081	2174.5
	75+75	75	132447	1757.5	66911	2157.5	75	132597	1772.5	67061	2172.5
	75+100	75	132401	1752.9	66885	2152.9	100	132572	1770	67036	2170
		100	132423	1755.1	66887	2155.1	75	132594	1772.2	67058	2172.2
	100+25	100	132522	1765	66986	2165	25	132639	1776.7	67103	2176.7
		25	132455	1758.3	66919	2158.3	100	132572	1770	67036	2170
	100+100	100	132374	1750.2	66838	2150.2	100	132572	1770	67036	2170

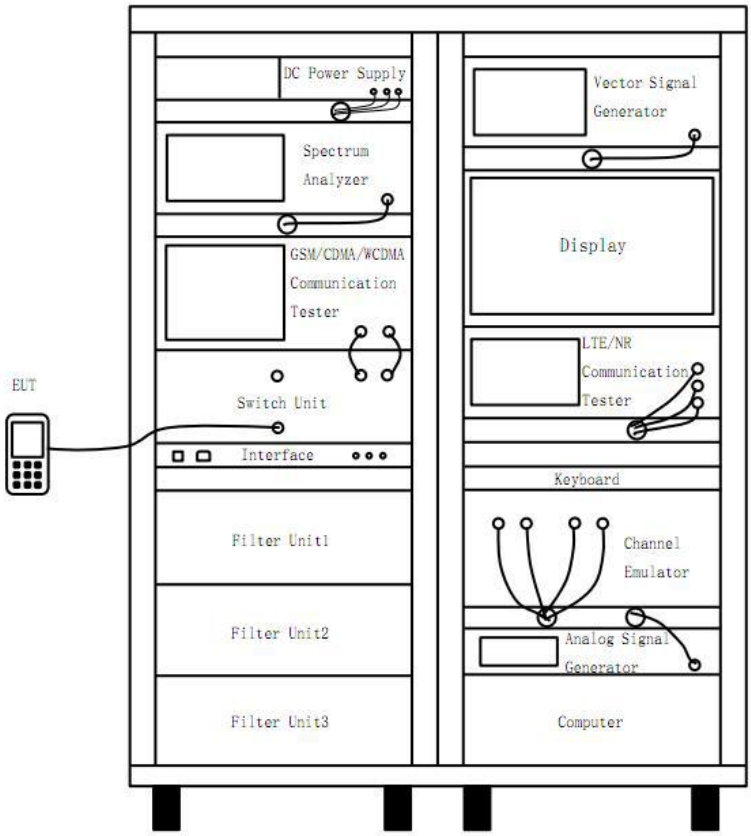
Note 1: Carriers in increasing frequency order.

Note 2: Applicable for intra-band contiguous CA without UL CA.

Note 3: Applicable for intra-band contiguous CA with UL CA.

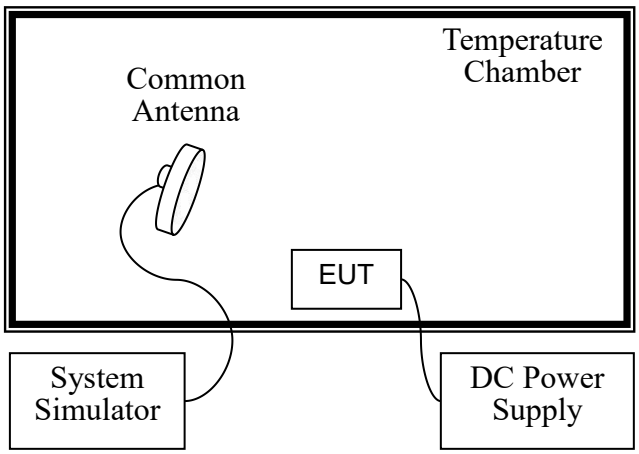
4.4 Test Setup

4.4.1 For Antenna Port Test



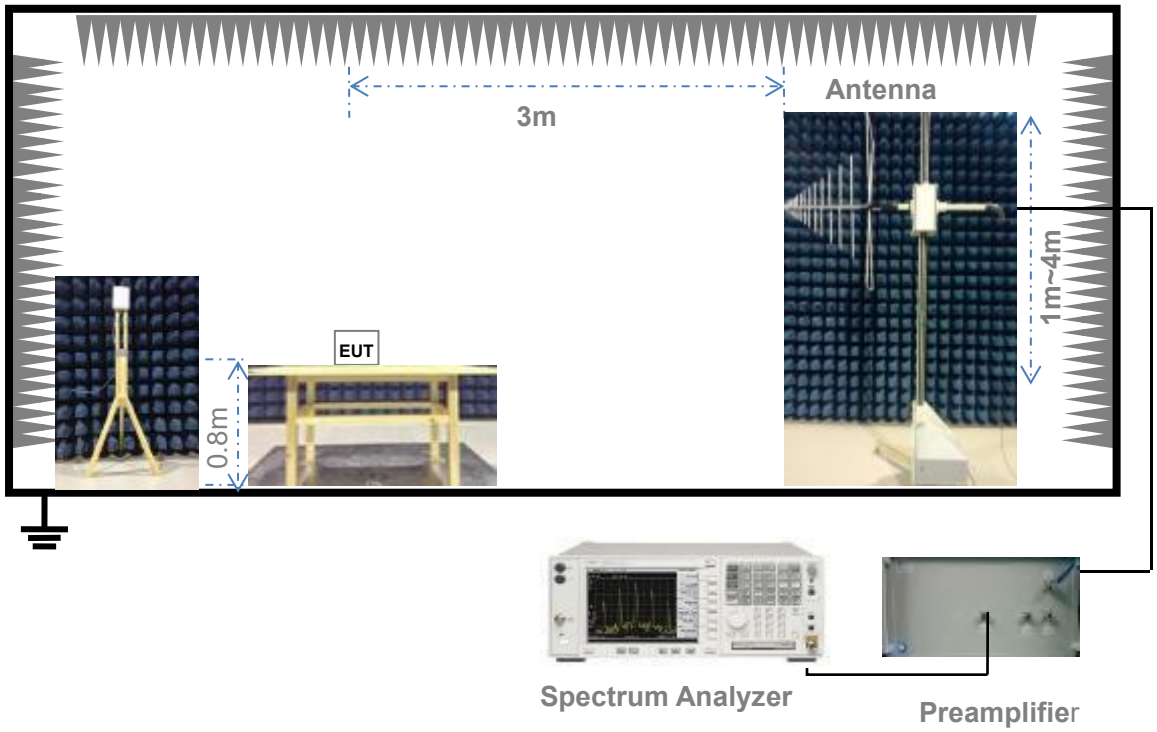
(Diagram 1)

4.4.2 For Frequency Stability Test



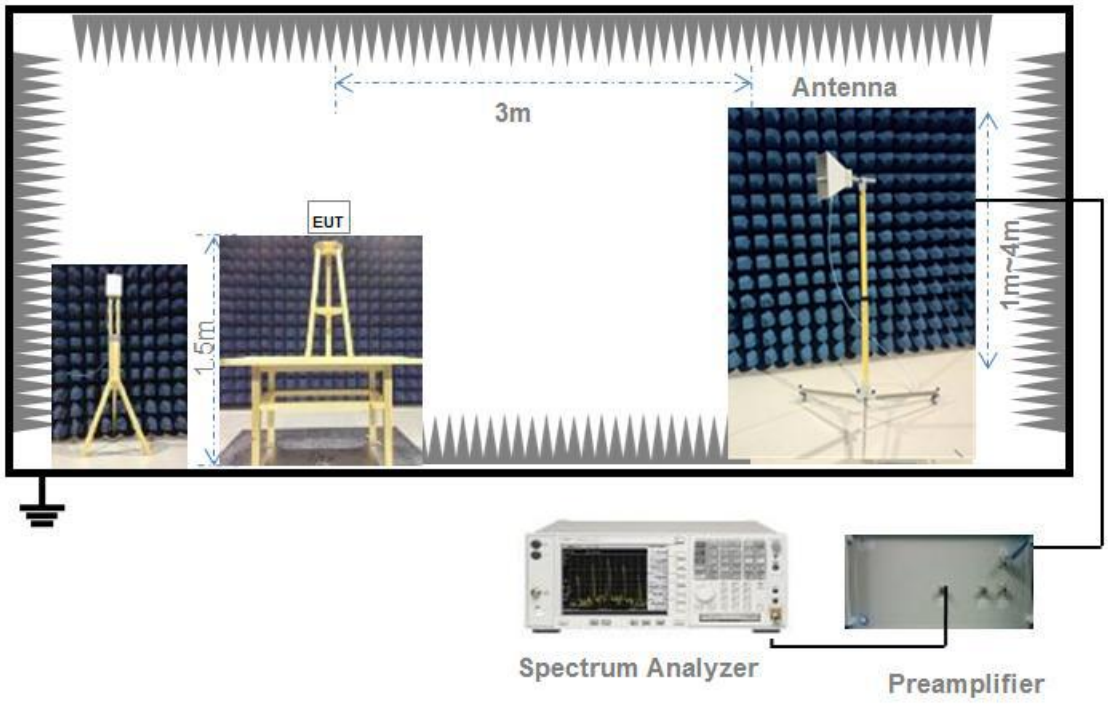
(Diagram 2)

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

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

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

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

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

The relevant equation for determining the ERP/EIRP from the radiated RF output power is:
ERP/EIRP (dBm) = SA Read Value (dBm) + Correction Factor (dB)

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

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

For example:

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Peak to Average Ratio

5.2.1 Limit

FCC § 2.1046 & 22.913(d) & 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 22.913(d),Measurement of the ERP of Cellular base transmitters and repeaters must be made using an average power measurement technique. The peak-to-average ratio (PAR) of the transmission must not exceed 13 dB.

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

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

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

Sweep point number = Span/RBW

VBW=3*RBW

Detector Mode=mean or average power

5. Record the frequencies and levels of spurious emissions.

5.5.4 Test Result

Please refer to ANNEX A.5.

5.6 Band Edge

5.6.1 Limit

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

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

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

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

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

Sweep point number = 2*Span/RBW

VBW=3RBW

6. Record the frequencies and levels of spurious emissions.

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

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

5.6.4 Test Result

Please refer to ANNEX A.6.

5.7 Field Strength of Spurious Radiation

5.7.1 Limit

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

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	31.91	-5.83	-7.98	23.93	0.247	7.000	Pass
	MCH	31.94	-5.83	-7.98	23.96	0.249	7.000	Pass
	HCH	**32**	-5.83	-7.98	24.02	0.252	7.000	Pass
GPRS 850	LCH	31.90	-5.83	-7.98	23.92	0.247	7.000	Pass
	MCH	31.92	-5.83	-7.98	23.94	0.248	7.000	Pass
	HCH	31.97	-5.83	-7.98	23.99	0.251	7.000	Pass
EGPRS 850	LCH	31.91	-5.83	-7.98	23.93	0.247	7.000	Pass
	MCH	31.94	-5.83	-7.98	23.96	0.249	7.000	Pass
	HCH	31.97	-5.83	-7.98	23.99	0.251	7.000	Pass

Test Band	Test Channel	Conducted Output Peak Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
GSM 1900	LCH	26.27	-2.94	23.33	0.215	2.000	Pass
	MCH	**26.34**	-2.94	23.40	0.219	2.000	Pass
	HCH	26.16	-2.94	23.22	0.210	2.000	Pass
GPRS 1900	LCH	26.25	-2.94	23.31	0.214	2.000	Pass
	MCH	26.34	-2.94	23.40	0.219	2.000	Pass
	HCH	26.16	-2.94	23.22	0.210	2.000	Pass
EGPRS 1900	LCH	26.22	-2.94	23.28	0.213	2.000	Pass
	MCH	26.31	-2.94	23.37	0.217	2.000	Pass
	HCH	26.10	-2.94	23.16	0.207	2.000	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	31.90	1.55	31.22	1.32	29.48	0.89	28.21	0.66
	MCH	31.92	1.56	31.22	1.32	29.47	0.89	28.20	0.66
	HCH	31.97	1.57	31.25	1.33	29.50	0.89	28.20	0.66
GPRS 1900	LCH	26.25	0.42	26.04	0.40	23.92	0.25	22.94	0.20
	MCH	26.34	0.43	26.10	0.41	24.02	0.25	23.04	0.20
	HCH	26.16	0.41	25.94	0.39	23.82	0.24	22.81	0.19

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	31.91	1.55	31.22	1.32	29.50	0.89	28.22	0.66
	MCH	31.94	1.56	31.24	1.33	29.49	0.89	28.21	0.66
	HCH	31.97	1.57	31.24	1.33	29.50	0.89	28.20	0.66
EGPRS 1900	LCH	26.22	0.42	26.13	0.41	24.05	0.25	23.07	0.20
	MCH	26.31	0.43	26.21	0.42	24.14	0.26	23.16	0.21
	HCH	26.10	0.41	26.00	0.40	23.91	0.25	22.91	0.20

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	18.32	-2.94	15.38	0.035	2.000	Pass
	MCH	18.19	-2.94	15.25	0.033	2.000	Pass
	HCH	18.21	-2.94	15.27	0.034	2.000	Pass
HSDPA Band 2	LCH	**18.36**	-2.94	15.42	0.035	2.000	Pass
	MCH	18.19	-2.94	15.25	0.033	2.000	Pass
	HCH	18.24	-2.94	15.30	0.034	2.000	Pass
HSUPA Band 2	LCH	17.32	-2.94	14.38	0.027	2.000	Pass
	MCH	17.20	-2.94	14.26	0.027	2.000	Pass
	HCH	17.24	-2.94	14.30	0.027	2.000	Pass

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
WCDMA Band 4	LCH	17.49	-4.43	13.06	0.020	1.000	Pass
	MCH	17.38	-4.43	12.95	0.020	1.000	Pass
	HCH	17.43	-4.43	13.00	0.020	1.000	Pass
HSDPA Band 4	LCH	**17.50**	-4.43	13.07	0.020	1.000	Pass
	MCH	17.35	-4.43	12.92	0.020	1.000	Pass
	HCH	17.45	-4.43	13.02	0.020	1.000	Pass
HSUPA Band 4	LCH	16.55	-4.43	12.12	0.016	1.000	Pass
	MCH	16.44	-4.43	12.01	0.016	1.000	Pass
	HCH	16.43	-4.43	12.00	0.016	1.000	Pass

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
WCDMA Band 5	LCH	23.19	-5.83	-7.98	15.21	0.033	7.000	Pass
	MCH	23.12	-5.83	-7.98	15.14	0.033	7.000	Pass
	HCH	23.1	-5.83	-7.98	15.12	0.033	7.000	Pass
HSDPA Band 5	LCH	**23.21**	-5.83	-7.98	15.23	0.033	7.000	Pass
	MCH	23.13	-5.83	-7.98	15.15	0.033	7.000	Pass
	HCH	23.13	-5.83	-7.98	15.15	0.033	7.000	Pass
HSUPA Band 5	LCH	22.26	-5.83	-7.98	14.28	0.027	7.000	Pass
	MCH	22.16	-5.83	-7.98	14.18	0.026	7.000	Pass
	HCH	22.15	-5.83	-7.98	14.17	0.026	7.000	Pass

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

Note 2: ERP/EIRP = P_{Meas} + GT − LC

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

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

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

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

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

HSDPA Conducted Output Power

Conducted Output Power		EIRP (dBm)			EIRP (W)		
Band	Configuration	LCH	MCH	HCH	LCH	MCH	HCH
HSDPA B2	Subtest 1	18.36	18.19	18.24	0.069	0.066	0.067
	Subtest 2	18.3	18.15	18.23	0.068	0.065	0.067
	Subtest 3	17.84	17.63	17.67	0.061	0.058	0.058
	Subtest 4	17.77	17.6	17.68	0.060	0.058	0.059
HSDPA B4	Subtest 1	17.5	17.35	17.45	0.056	0.054	0.056
	Subtest 2	17.45	17.31	17.36	0.056	0.054	0.054
	Subtest 3	17.02	16.86	16.93	0.050	0.049	0.049
	Subtest 4	16.98	16.83	16.9	0.050	0.048	0.049
Conducted Output Power		ERP (dBm)			ERP (W)		
Band	Configuration	LCH	MCH	HCH	LCH	MCH	HCH
HSDPA B5	Subtest 1	23.21	23.13	23.13	0.209	0.206	0.206
	Subtest 2	23.16	23.07	23.05	0.207	0.203	0.202
	Subtest 3	22.74	22.65	22.58	0.188	0.184	0.181
	Subtest 4	22.68	22.59	22.62	0.185	0.182	0.183

HSUPA Conducted Output Power

Conducted Output Power		EIRP (dBm)			EIRP (W)		
Band	Configuration	LCH	MCH	HCH	LCH	MCH	HCH
HSUPA B2	Subtest 1	16.4	16.25	16.27	0.044	0.042	0.042
	Subtest 2	16.37	16.23	16.22	0.043	0.042	0.042
	Subtest 3	17.3	17.2	17.24	0.054	0.052	0.053
	Subtest 4	15.89	15.74	15.74	0.039	0.037	0.037
	Subtest 5	17.32	17.15	17.2	0.054	0.052	0.052
HSUPA B4	Subtest 1	15.59	15.4	15.43	0.036	0.035	0.035
	Subtest 2	15.54	15.41	15.43	0.036	0.035	0.035
	Subtest 3	16.55	16.44	16.43	0.045	0.044	0.044
	Subtest 4	15.08	14.91	14.98	0.032	0.031	0.031
	Subtest 5	16.53	16.39	16.43	0.045	0.044	0.044
Conducted Output Power		ERP (dBm)			ERP (W)		
Band	Configuration	LCH	MCH	HCH	LCH	MCH	HCH
HSUPA B5	Subtest 1	21.26	21.14	21.13	0.134	0.130	0.130
	Subtest 2	21.24	21.14	21.11	0.133	0.130	0.129
	Subtest 3	22.25	22.14	22.15	0.168	0.164	0.164
	Subtest 4	20.77	20.69	20.65	0.119	0.117	0.116
	Subtest 5	22.26	22.16	22.15	0.168	0.164	0.164

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 BAND 2									
1.4 MHz	LCH	QPSK	RB1#0	16.39	-2.94	13.45	0.022	2.000	Pass
			RB1#3	16.46	-2.94	13.52	0.022	2.000	Pass
			RB1#5	16.42	-2.94	13.48	0.022	2.000	Pass
			RB3#0	16.51	-2.94	13.57	0.023	2.000	Pass
			RB3#2	16.53	-2.94	13.59	0.023	2.000	Pass
			RB3#3	16.48	-2.94	13.54	0.023	2.000	Pass
			RB6#0	15.63	-2.94	12.69	0.019	2.000	Pass
		16-QAM	RB1#0	15.61	-2.94	12.67	0.018	2.000	Pass
			RB1#3	15.63	-2.94	12.69	0.019	2.000	Pass
			RB1#5	15.59	-2.94	12.65	0.018	2.000	Pass
			RB3#0	15.59	-2.94	12.65	0.018	2.000	Pass
			RB3#2	15.6	-2.94	12.66	0.018	2.000	Pass
			RB3#3	15.6	-2.94	12.66	0.018	2.000	Pass
			RB6#0	14.8	-2.94	11.86	0.015	2.000	Pass
	MCH	QPSK	RB1#0	16.28	-2.94	13.34	0.022	2.000	Pass
			RB1#3	16.34	-2.94	13.40	0.022	2.000	Pass
			RB1#5	16.27	-2.94	13.33	0.022	2.000	Pass
			RB3#0	16.36	-2.94	13.42	0.022	2.000	Pass
			RB3#2	16.41	-2.94	13.47	0.022	2.000	Pass
			RB3#3	16.34	-2.94	13.40	0.022	2.000	Pass
			RB6#0	15.49	-2.94	12.55	0.018	2.000	Pass
		16-QAM	RB1#0	15.68	-2.94	12.74	0.019	2.000	Pass
			RB1#3	15.73	-2.94	12.79	0.019	2.000	Pass
			RB1#5	15.66	-2.94	12.72	0.019	2.000	Pass
			RB3#0	15.59	-2.94	12.65	0.018	2.000	Pass
			RB3#2	15.6	-2.94	12.66	0.018	2.000	Pass
			RB3#3	15.58	-2.94	12.64	0.018	2.000	Pass
			RB6#0	14.42	-2.94	11.48	0.014	2.000	Pass
	HCH	QPSK	RB1#0	16.3	-2.94	13.36	0.022	2.000	Pass
			RB1#3	16.38	-2.94	13.44	0.022	2.000	Pass
			RB1#5	16.3	-2.94	13.36	0.022	2.000	Pass
			RB3#0	16.42	-2.94	13.48	0.022	2.000	Pass
			RB3#2	16.46	-2.94	13.52	0.022	2.000	Pass
			RB3#3	16.46	-2.94	13.52	0.022	2.000	Pass
			RB6#0	15.57	-2.94	12.63	0.018	2.000	Pass
		16-QAM	RB1#0	15.4	-2.94	12.46	0.018	2.000	Pass
			RB1#3	15.5	-2.94	12.56	0.018	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 2									
			RB1#5	15.46	-2.94	12.52	0.018	2.000	Pass
			RB3#0	15.66	-2.94	12.72	0.019	2.000	Pass
			RB3#2	15.69	-2.94	12.75	0.019	2.000	Pass
			RB3#3	15.66	-2.94	12.72	0.019	2.000	Pass
			RB6#0	14.76	-2.94	11.82	0.015	2.000	Pass
3 MHz	LCH	QPSK	RB1#0	16.24	-2.94	13.30	0.021	2.000	Pass
			RB1#7	16.39	-2.94	13.45	0.022	2.000	Pass
			RB1#14	16.23	-2.94	13.29	0.021	2.000	Pass
			RB8#0	15.6	-2.94	12.66	0.018	2.000	Pass
			RB8#4	15.6	-2.94	12.66	0.018	2.000	Pass
			RB8#7	15.51	-2.94	12.57	0.018	2.000	Pass
			RB15#0	15.51	-2.94	12.57	0.018	2.000	Pass
		16-QAM	RB1#0	15.29	-2.94	12.35	0.017	2.000	Pass
			RB1#7	15.4	-2.94	12.46	0.018	2.000	Pass
			RB1#14	15.27	-2.94	12.33	0.017	2.000	Pass
			RB8#0	14.65	-2.94	11.71	0.015	2.000	Pass
			RB8#4	14.67	-2.94	11.73	0.015	2.000	Pass
			RB8#7	14.61	-2.94	11.67	0.015	2.000	Pass
			RB15#0	14.55	-2.94	11.61	0.014	2.000	Pass
	MCH	QPSK	RB1#0	16.2	-2.94	13.26	0.021	2.000	Pass
			RB1#7	16.27	-2.94	13.33	0.022	2.000	Pass
			RB1#14	16.2	-2.94	13.26	0.021	2.000	Pass
			RB8#0	15.42	-2.94	12.48	0.018	2.000	Pass
			RB8#4	15.49	-2.94	12.55	0.018	2.000	Pass
			RB8#7	15.42	-2.94	12.48	0.018	2.000	Pass
			RB15#0	15.39	-2.94	12.45	0.018	2.000	Pass
		16-QAM	RB1#0	15.54	-2.94	12.60	0.018	2.000	Pass
			RB1#7	15.67	-2.94	12.73	0.019	2.000	Pass
			RB1#14	15.57	-2.94	12.63	0.018	2.000	Pass
			RB8#0	14.53	-2.94	11.59	0.014	2.000	Pass
			RB8#4	14.53	-2.94	11.59	0.014	2.000	Pass
			RB8#7	14.5	-2.94	11.56	0.014	2.000	Pass
			RB15#0	14.39	-2.94	11.45	0.014	2.000	Pass
	HCH	QPSK	RB1#0	16.16	-2.94	13.22	0.021	2.000	Pass
			RB1#7	16.31	-2.94	13.37	0.022	2.000	Pass
			RB1#14	16.18	-2.94	13.24	0.021	2.000	Pass
			RB8#0	15.43	-2.94	12.49	0.018	2.000	Pass
			RB8#4	15.54	-2.94	12.60	0.018	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 2									
			RB8#7	15.45	-2.94	12.51	0.018	2.000	Pass
			RB15#0	15.46	-2.94	12.52	0.018	2.000	Pass
		16-QAM	RB1#0	15.3	-2.94	12.36	0.017	2.000	Pass
			RB1#7	15.4	-2.94	12.46	0.018	2.000	Pass
			RB1#14	15.31	-2.94	12.37	0.017	2.000	Pass
			RB8#0	14.48	-2.94	11.54	0.014	2.000	Pass
			RB8#4	14.57	-2.94	11.63	0.015	2.000	Pass
			RB8#7	14.5	-2.94	11.56	0.014	2.000	Pass
			RB15#0	14.39	-2.94	11.45	0.014	2.000	Pass
5 MHz	LCH	QPSK	RB1#0	16.55	-2.94	13.61	0.023	2.000	Pass
			RB1#13	**16.64**	-2.94	13.70	0.023	2.000	Pass
			RB1#24	16.49	-2.94	13.55	0.023	2.000	Pass
			RB12#0	15.53	-2.94	12.59	0.018	2.000	Pass
			RB12#6	15.63	-2.94	12.69	0.019	2.000	Pass
			RB12#13	15.57	-2.94	12.63	0.018	2.000	Pass
			RB25#0	15.58	-2.94	12.64	0.018	2.000	Pass
		16-QAM	RB1#0	15.76	-2.94	12.82	0.019	2.000	Pass
			RB1#13	15.85	-2.94	12.91	0.020	2.000	Pass
			RB1#24	15.77	-2.94	12.83	0.019	2.000	Pass
			RB12#0	14.63	-2.94	11.69	0.015	2.000	Pass
			RB12#6	14.68	-2.94	11.74	0.015	2.000	Pass
			RB12#13	14.64	-2.94	11.70	0.015	2.000	Pass
			RB25#0	14.61	-2.94	11.67	0.015	2.000	Pass
	MCH	QPSK	RB1#0	16.45	-2.94	13.51	0.022	2.000	Pass
			RB1#13	16.55	-2.94	13.61	0.023	2.000	Pass
			RB1#24	16.46	-2.94	13.52	0.022	2.000	Pass
			RB12#0	15.44	-2.94	12.50	0.018	2.000	Pass
			RB12#6	15.51	-2.94	12.57	0.018	2.000	Pass
			RB12#13	15.47	-2.94	12.53	0.018	2.000	Pass
			RB25#0	15.52	-2.94	12.58	0.018	2.000	Pass
		16-QAM	RB1#0	15.96	-2.94	13.02	0.020	2.000	Pass
			RB1#13	16.08	-2.94	13.14	0.021	2.000	Pass
			RB1#24	15.98	-2.94	13.04	0.020	2.000	Pass
			RB12#0	14.56	-2.94	11.62	0.015	2.000	Pass
			RB12#6	14.69	-2.94	11.75	0.015	2.000	Pass
			RB12#13	14.62	-2.94	11.68	0.015	2.000	Pass
			RB25#0	14.6	-2.94	11.66	0.015	2.000	Pass
	HCH	QPSK	RB1#0	16.39	-2.94	13.45	0.022	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 2									
			RB1#13	16.58	-2.94	13.64	0.023	2.000	Pass
			RB1#24	16.45	-2.94	13.51	0.022	2.000	Pass
			RB12#0	15.47	-2.94	12.53	0.018	2.000	Pass
			RB12#6	15.57	-2.94	12.63	0.018	2.000	Pass
			RB12#13	15.53	-2.94	12.59	0.018	2.000	Pass
			RB25#0	15.47	-2.94	12.53	0.018	2.000	Pass
		16-QAM	RB1#0	15.59	-2.94	12.65	0.018	2.000	Pass
			RB1#13	15.74	-2.94	12.80	0.019	2.000	Pass
			RB1#24	15.68	-2.94	12.74	0.019	2.000	Pass
			RB12#0	14.54	-2.94	11.60	0.014	2.000	Pass
			RB12#6	14.63	-2.94	11.69	0.015	2.000	Pass
			RB12#13	14.55	-2.94	11.61	0.014	2.000	Pass
			RB25#0	14.45	-2.94	11.51	0.014	2.000	Pass
10 MHz	LCH	QPSK	RB1#0	16.57	-2.94	13.63	0.023	2.000	Pass
			RB1#25	16.57	-2.94	13.63	0.023	2.000	Pass
			RB1#49	16.51	-2.94	13.57	0.023	2.000	Pass
			RB25#0	15.52	-2.94	12.58	0.018	2.000	Pass
			RB25#13	15.6	-2.94	12.66	0.018	2.000	Pass
			RB25#25	15.57	-2.94	12.63	0.018	2.000	Pass
			RB50#0	15.55	-2.94	12.61	0.018	2.000	Pass
		16-QAM	RB1#0	15.6	-2.94	12.66	0.018	2.000	Pass
			RB1#25	15.59	-2.94	12.65	0.018	2.000	Pass
			RB1#49	15.52	-2.94	12.58	0.018	2.000	Pass
			RB25#0	14.6	-2.94	11.66	0.015	2.000	Pass
			RB25#13	14.62	-2.94	11.68	0.015	2.000	Pass
			RB25#25	14.61	-2.94	11.67	0.015	2.000	Pass
			RB50#0	14.51	-2.94	11.57	0.014	2.000	Pass
	MCH	QPSK	RB1#0	16.52	-2.94	13.58	0.023	2.000	Pass
			RB1#25	16.55	-2.94	13.61	0.023	2.000	Pass
			RB1#49	16.51	-2.94	13.57	0.023	2.000	Pass
			RB25#0	15.44	-2.94	12.50	0.018	2.000	Pass
			RB25#13	15.55	-2.94	12.61	0.018	2.000	Pass
			RB25#25	15.46	-2.94	12.52	0.018	2.000	Pass
			RB50#0	15.52	-2.94	12.58	0.018	2.000	Pass
		16-QAM	RB1#0	15.87	-2.94	12.93	0.020	2.000	Pass
			RB1#25	15.91	-2.94	12.97	0.020	2.000	Pass
			RB1#49	15.91	-2.94	12.97	0.020	2.000	Pass
			RB25#0	14.48	-2.94	11.54	0.014	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 2									
			RB25#13	14.6	-2.94	11.66	0.015	2.000	Pass
			RB25#25	14.49	-2.94	11.55	0.014	2.000	Pass
			RB50#0	14.51	-2.94	11.57	0.014	2.000	Pass
	HCH	QPSK	RB1#0	16.47	-2.94	13.53	0.023	2.000	Pass
			RB1#25	16.51	-2.94	13.57	0.023	2.000	Pass
			RB1#49	16.52	-2.94	13.58	0.023	2.000	Pass
			RB25#0	15.46	-2.94	12.52	0.018	2.000	Pass
			RB25#13	15.52	-2.94	12.58	0.018	2.000	Pass
			RB25#25	15.49	-2.94	12.55	0.018	2.000	Pass
			RB50#0	15.44	-2.94	12.50	0.018	2.000	Pass
		16-QAM	RB1#0	15.59	-2.94	12.65	0.018	2.000	Pass
			RB1#25	15.6	-2.94	12.66	0.018	2.000	Pass
			RB1#49	15.63	-2.94	12.69	0.019	2.000	Pass
			RB25#0	14.54	-2.94	11.60	0.014	2.000	Pass
			RB25#13	14.63	-2.94	11.69	0.015	2.000	Pass
			RB25#25	14.55	-2.94	11.61	0.014	2.000	Pass
			RB50#0	14.45	-2.94	11.51	0.014	2.000	Pass
15 MHz	LCH	QPSK	RB1#0	16.48	-2.94	13.54	0.023	2.000	Pass
			RB1#38	16.56	-2.94	13.62	0.023	2.000	Pass
			RB1#74	16.48	-2.94	13.54	0.023	2.000	Pass
			RB36#0	15.58	-2.94	12.64	0.018	2.000	Pass
			RB36#19	15.54	-2.94	12.60	0.018	2.000	Pass
			RB36#39	15.55	-2.94	12.61	0.018	2.000	Pass
			RB75#0	15.58	-2.94	12.64	0.018	2.000	Pass
		16-QAM	RB1#0	15.53	-2.94	12.59	0.018	2.000	Pass
			RB1#38	15.6	-2.94	12.66	0.018	2.000	Pass
			RB1#74	15.51	-2.94	12.57	0.018	2.000	Pass
			RB36#0	14.52	-2.94	11.58	0.014	2.000	Pass
			RB36#19	14.58	-2.94	11.64	0.015	2.000	Pass
			RB36#39	14.55	-2.94	11.61	0.014	2.000	Pass
			RB75#0	14.55	-2.94	11.61	0.014	2.000	Pass
	MCH	QPSK	RB1#0	16.4	-2.94	13.46	0.022	2.000	Pass
			RB1#38	16.57	-2.94	13.63	0.023	2.000	Pass
			RB1#74	16.45	-2.94	13.51	0.022	2.000	Pass
			RB36#0	15.45	-2.94	12.51	0.018	2.000	Pass
			RB36#19	15.56	-2.94	12.62	0.018	2.000	Pass
			RB36#39	15.5	-2.94	12.56	0.018	2.000	Pass
			RB75#0	15.47	-2.94	12.53	0.018	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 2									
			RB1#0	15.8	-2.94	12.86	0.019	2.000	Pass
			RB1#38	15.94	-2.94	13.00	0.020	2.000	Pass
			RB1#74	15.85	-2.94	12.91	0.020	2.000	Pass
		16-QAM	RB36#0	14.49	-2.94	11.55	0.014	2.000	Pass
			RB36#19	14.61	-2.94	11.67	0.015	2.000	Pass
			RB36#39	14.54	-2.94	11.60	0.014	2.000	Pass
			RB75#0	14.47	-2.94	11.53	0.014	2.000	Pass
	HCH		RB1#0	16.38	-2.94	13.44	0.022	2.000	Pass
			RB1#38	16.53	-2.94	13.59	0.023	2.000	Pass
			RB1#74	16.45	-2.94	13.51	0.022	2.000	Pass
		QPSK	RB36#0	15.43	-2.94	12.49	0.018	2.000	Pass
			RB36#19	15.51	-2.94	12.57	0.018	2.000	Pass
			RB36#39	15.47	-2.94	12.53	0.018	2.000	Pass
			RB75#0	15.49	-2.94	12.55	0.018	2.000	Pass
			RB1#0	15.94	-2.94	13.00	0.020	2.000	Pass
			RB1#38	16.05	-2.94	13.11	0.020	2.000	Pass
			RB1#74	15.98	-2.94	13.04	0.020	2.000	Pass
		16-QAM	RB36#0	14.44	-2.94	11.50	0.014	2.000	Pass
			RB36#19	14.48	-2.94	11.54	0.014	2.000	Pass
			RB36#39	14.48	-2.94	11.54	0.014	2.000	Pass
			RB75#0	14.45	-2.94	11.51	0.014	2.000	Pass
20 MHz	LCH		RB1#0	16.46	-2.94	13.52	0.022	2.000	Pass
			RB1#50	16.58	-2.94	13.64	0.023	2.000	Pass
			RB1#99	16.41	-2.94	13.47	0.022	2.000	Pass
		QPSK	RB50#0	15.54	-2.94	12.60	0.018	2.000	Pass
			RB50#25	15.58	-2.94	12.64	0.018	2.000	Pass
			RB50#50	15.61	-2.94	12.67	0.018	2.000	Pass
			RB100#0	15.59	-2.94	12.65	0.018	2.000	Pass
			RB1#0	15.95	-2.94	13.01	0.020	2.000	Pass
			RB1#50	16.09	-2.94	13.15	0.021	2.000	Pass
			RB1#99	15.92	-2.94	12.98	0.020	2.000	Pass
		16-QAM	RB50#0	14.53	-2.94	11.59	0.014	2.000	Pass
			RB50#25	14.61	-2.94	11.67	0.015	2.000	Pass
			RB50#50	14.61	-2.94	11.67	0.015	2.000	Pass
			RB100#0	14.58	-2.94	11.64	0.015	2.000	Pass
	MCH		RB1#0	16.36	-2.94	13.42	0.022	2.000	Pass
		QPSK	RB1#50	16.59	-2.94	13.65	0.023	2.000	Pass
			RB1#99	16.42	-2.94	13.48	0.022	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 2									
			RB50#0	15.41	-2.94	12.47	0.018	2.000	Pass
			RB50#25	15.58	-2.94	12.64	0.018	2.000	Pass
			RB50#50	15.49	-2.94	12.55	0.018	2.000	Pass
			RB100#0	15.47	-2.94	12.53	0.018	2.000	Pass
		16-QAM	RB1#0	15.9	-2.94	12.96	0.020	2.000	Pass
			RB1#50	16.09	-2.94	13.15	0.021	2.000	Pass
			RB1#99	15.98	-2.94	13.04	0.020	2.000	Pass
			RB50#0	14.38	-2.94	11.44	0.014	2.000	Pass
			RB50#25	14.58	-2.94	11.64	0.015	2.000	Pass
			RB50#50	14.46	-2.94	11.52	0.014	2.000	Pass
			RB100#0	14.42	-2.94	11.48	0.014	2.000	Pass
	HCH	QPSK	RB1#0	16.25	-2.94	13.31	0.021	2.000	Pass
			RB1#50	16.48	-2.94	13.54	0.023	2.000	Pass
			RB1#99	16.35	-2.94	13.41	0.022	2.000	Pass
			RB50#0	15.45	-2.94	12.51	0.018	2.000	Pass
			RB50#25	15.5	-2.94	12.56	0.018	2.000	Pass
			RB50#50	15.43	-2.94	12.49	0.018	2.000	Pass
			RB100#0	15.47	-2.94	12.53	0.018	2.000	Pass
		16-QAM	RB1#0	15.71	-2.94	12.77	0.019	2.000	Pass
			RB1#50	15.95	-2.94	13.01	0.020	2.000	Pass
			RB1#99	15.82	-2.94	12.88	0.019	2.000	Pass
			RB50#0	14.41	-2.94	11.47	0.014	2.000	Pass
			RB50#25	14.49	-2.94	11.55	0.014	2.000	Pass
			RB50#50	14.42	-2.94	11.48	0.014	2.000	Pass
			RB100#0	14.44	-2.94	11.50	0.014	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 4									
1.4 MHz	LCH	QPSK	RB1#0	18.36	-4.43	13.93	0.025	1.000	Pass
			RB1#3	18.41	-4.43	13.98	0.025	1.000	Pass
			RB1#5	18.38	-4.43	13.95	0.025	1.000	Pass
			RB3#0	18.48	-4.43	14.05	0.025	1.000	Pass
			RB3#2	18.48	-4.43	14.05	0.025	1.000	Pass
			RB3#3	18.46	-4.43	14.03	0.025	1.000	Pass
			RB6#0	17.53	-4.43	13.10	0.020	1.000	Pass
		16-QAM	RB1#0	17.49	-4.43	13.06	0.020	1.000	Pass
			RB1#3	17.59	-4.43	13.16	0.021	1.000	Pass
			RB1#5	17.52	-4.43	13.09	0.020	1.000	Pass
			RB3#0	17.55	-4.43	13.12	0.021	1.000	Pass
			RB3#2	17.58	-4.43	13.15	0.021	1.000	Pass
			RB3#3	17.55	-4.43	13.12	0.021	1.000	Pass
			RB6#0	16.76	-4.43	12.33	0.017	1.000	Pass
	MCH	QPSK	RB1#0	18.35	-4.43	13.92	0.025	1.000	Pass
			RB1#3	18.4	-4.43	13.97	0.025	1.000	Pass
			RB1#5	18.35	-4.43	13.92	0.025	1.000	Pass
			RB3#0	18.43	-4.43	14.00	0.025	1.000	Pass
			RB3#2	18.48	-4.43	14.05	0.025	1.000	Pass
			RB3#3	18.47	-4.43	14.04	0.025	1.000	Pass
			RB6#0	17.5	-4.43	13.07	0.020	1.000	Pass
		16-QAM	RB1#0	17.69	-4.43	13.26	0.021	1.000	Pass
			RB1#3	17.77	-4.43	13.34	0.022	1.000	Pass
			RB1#5	17.7	-4.43	13.27	0.021	1.000	Pass
			RB3#0	17.58	-4.43	13.15	0.021	1.000	Pass
			RB3#2	17.62	-4.43	13.19	0.021	1.000	Pass
			RB3#3	17.63	-4.43	13.20	0.021	1.000	Pass
			RB6#0	16.46	-4.43	12.03	0.016	1.000	Pass
	HCH	QPSK	RB1#0	18.31	-4.43	13.88	0.024	1.000	Pass
			RB1#3	18.41	-4.43	13.98	0.025	1.000	Pass
			RB1#5	18.32	-4.43	13.89	0.024	1.000	Pass
			RB3#0	18.45	-4.43	14.02	0.025	1.000	Pass
			RB3#2	18.51	-4.43	14.08	0.026	1.000	Pass
			RB3#3	18.49	-4.43	14.06	0.025	1.000	Pass
			RB6#0	17.53	-4.43	13.10	0.020	1.000	Pass
		16-QAM	RB1#0	17.4	-4.43	12.97	0.020	1.000	Pass
			RB1#3	17.47	-4.43	13.04	0.020	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 4									
			RB1#5	17.43	-4.43	13.00	0.020	1.000	Pass
			RB3#0	17.62	-4.43	13.19	0.021	1.000	Pass
			RB3#2	17.67	-4.43	13.24	0.021	1.000	Pass
			RB3#3	17.64	-4.43	13.21	0.021	1.000	Pass
			RB6#0	16.74	-4.43	12.31	0.017	1.000	Pass
3 MHz	LCH	QPSK	RB1#0	18.17	-4.43	13.74	0.024	1.000	Pass
			RB1#7	18.28	-4.43	13.85	0.024	1.000	Pass
			RB1#14	18.12	-4.43	13.69	0.023	1.000	Pass
			RB8#0	17.44	-4.43	13.01	0.020	1.000	Pass
			RB8#4	17.5	-4.43	13.07	0.020	1.000	Pass
			RB8#7	17.39	-4.43	12.96	0.020	1.000	Pass
			RB15#0	17.38	-4.43	12.95	0.020	1.000	Pass
		16-QAM	RB1#0	17.16	-4.43	12.73	0.019	1.000	Pass
			RB1#7	17.3	-4.43	12.87	0.019	1.000	Pass
			RB1#14	17.18	-4.43	12.75	0.019	1.000	Pass
			RB8#0	16.59	-4.43	12.16	0.016	1.000	Pass
			RB8#4	16.63	-4.43	12.20	0.017	1.000	Pass
			RB8#7	16.56	-4.43	12.13	0.016	1.000	Pass
			RB15#0	16.5	-4.43	12.07	0.016	1.000	Pass
	MCH	QPSK	RB1#0	18.19	-4.43	13.76	0.024	1.000	Pass
			RB1#7	18.26	-4.43	13.83	0.024	1.000	Pass
			RB1#14	18.17	-4.43	13.74	0.024	1.000	Pass
			RB8#0	17.37	-4.43	12.94	0.020	1.000	Pass
			RB8#4	17.45	-4.43	13.02	0.020	1.000	Pass
			RB8#7	17.36	-4.43	12.93	0.020	1.000	Pass
			RB15#0	17.32	-4.43	12.89	0.019	1.000	Pass
		16-QAM	RB1#0	17.55	-4.43	13.12	0.021	1.000	Pass
			RB1#7	17.64	-4.43	13.21	0.021	1.000	Pass
			RB1#14	17.54	-4.43	13.11	0.020	1.000	Pass
			RB8#0	16.54	-4.43	12.11	0.016	1.000	Pass
			RB8#4	16.59	-4.43	12.16	0.016	1.000	Pass
			RB8#7	16.51	-4.43	12.08	0.016	1.000	Pass
			RB15#0	16.41	-4.43	11.98	0.016	1.000	Pass
	HCH	QPSK	RB1#0	18.16	-4.43	13.73	0.024	1.000	Pass
			RB1#7	18.26	-4.43	13.83	0.024	1.000	Pass
			RB1#14	18.15	-4.43	13.72	0.024	1.000	Pass
			RB8#0	17.4	-4.43	12.97	0.020	1.000	Pass
			RB8#4	17.47	-4.43	13.04	0.020	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 4									
			RB8#7	17.37	-4.43	12.94	0.020	1.000	Pass
			RB15#0	17.41	-4.43	12.98	0.020	1.000	Pass
		16-QAM	RB1#0	17.24	-4.43	12.81	0.019	1.000	Pass
			RB1#7	17.35	-4.43	12.92	0.020	1.000	Pass
			RB1#14	17.24	-4.43	12.81	0.019	1.000	Pass
			RB8#0	16.45	-4.43	12.02	0.016	1.000	Pass
			RB8#4	16.49	-4.43	12.06	0.016	1.000	Pass
			RB8#7	16.44	-4.43	12.01	0.016	1.000	Pass
			RB15#0	16.36	-4.43	11.93	0.016	1.000	Pass
5 MHz	LCH	QPSK	RB1#0	18.5	-4.43	14.07	0.026	1.000	Pass
			RB1#13	**18.62**	-4.43	14.19	0.026	1.000	Pass
			RB1#24	18.49	-4.43	14.06	0.025	1.000	Pass
			RB12#0	17.42	-4.43	12.99	0.020	1.000	Pass
			RB12#6	17.57	-4.43	13.14	0.021	1.000	Pass
			RB12#13	17.53	-4.43	13.10	0.020	1.000	Pass
			RB25#0	17.51	-4.43	13.08	0.020	1.000	Pass
		16-QAM	RB1#0	17.64	-4.43	13.21	0.021	1.000	Pass
			RB1#13	17.78	-4.43	13.35	0.022	1.000	Pass
			RB1#24	17.67	-4.43	13.24	0.021	1.000	Pass
			RB12#0	16.52	-4.43	12.09	0.016	1.000	Pass
			RB12#6	16.66	-4.43	12.23	0.017	1.000	Pass
			RB12#13	16.64	-4.43	12.21	0.017	1.000	Pass
			RB25#0	16.61	-4.43	12.18	0.017	1.000	Pass
	MCH	QPSK	RB1#0	18.38	-4.43	13.95	0.025	1.000	Pass
			RB1#13	18.58	-4.43	14.15	0.026	1.000	Pass
			RB1#24	18.45	-4.43	14.02	0.025	1.000	Pass
			RB12#0	17.37	-4.43	12.94	0.020	1.000	Pass
			RB12#6	17.49	-4.43	13.06	0.020	1.000	Pass
			RB12#13	17.41	-4.43	12.98	0.020	1.000	Pass
			RB25#0	17.43	-4.43	13.00	0.020	1.000	Pass
		16-QAM	RB1#0	17.9	-4.43	13.47	0.022	1.000	Pass
			RB1#13	18.06	-4.43	13.63	0.023	1.000	Pass
			RB1#24	17.9	-4.43	13.47	0.022	1.000	Pass
			RB12#0	16.54	-4.43	12.11	0.016	1.000	Pass
			RB12#6	16.66	-4.43	12.23	0.017	1.000	Pass
			RB12#13	16.6	-4.43	12.17	0.016	1.000	Pass
			RB25#0	16.54	-4.43	12.11	0.016	1.000	Pass
	HCH	QPSK	RB1#0	18.41	-4.43	13.98	0.025	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 4									
			RB1#13	18.57	-4.43	14.14	0.026	1.000	Pass
			RB1#24	18.47	-4.43	14.04	0.025	1.000	Pass
			RB12#0	17.38	-4.43	12.95	0.020	1.000	Pass
			RB12#6	17.51	-4.43	13.08	0.020	1.000	Pass
			RB12#13	17.48	-4.43	13.05	0.020	1.000	Pass
			RB25#0	17.48	-4.43	13.05	0.020	1.000	Pass
		16-QAM	RB1#0	17.53	-4.43	13.10	0.020	1.000	Pass
			RB1#13	17.66	-4.43	13.23	0.021	1.000	Pass
			RB1#24	17.59	-4.43	13.16	0.021	1.000	Pass
			RB12#0	16.5	-4.43	12.07	0.016	1.000	Pass
			RB12#6	16.59	-4.43	12.16	0.016	1.000	Pass
			RB12#13	16.52	-4.43	12.09	0.016	1.000	Pass
			RB25#0	16.46	-4.43	12.03	0.016	1.000	Pass
10 MHz	LCH	QPSK	RB1#0	18.47	-4.43	14.04	0.025	1.000	Pass
			RB1#25	18.52	-4.43	14.09	0.026	1.000	Pass
			RB1#49	18.51	-4.43	14.08	0.026	1.000	Pass
			RB25#0	17.4	-4.43	12.97	0.020	1.000	Pass
			RB25#13	17.55	-4.43	13.12	0.021	1.000	Pass
			RB25#25	17.57	-4.43	13.14	0.021	1.000	Pass
			RB50#0	17.5	-4.43	13.07	0.020	1.000	Pass
		16-QAM	RB1#0	17.51	-4.43	13.08	0.020	1.000	Pass
			RB1#25	17.55	-4.43	13.12	0.021	1.000	Pass
			RB1#49	17.52	-4.43	13.09	0.020	1.000	Pass
			RB25#0	16.49	-4.43	12.06	0.016	1.000	Pass
			RB25#13	16.63	-4.43	12.20	0.017	1.000	Pass
			RB25#25	16.62	-4.43	12.19	0.017	1.000	Pass
			RB50#0	16.5	-4.43	12.07	0.016	1.000	Pass
	MCH	QPSK	RB1#0	18.4	-4.43	13.97	0.025	1.000	Pass
			RB1#25	18.57	-4.43	14.14	0.026	1.000	Pass
			RB1#49	18.51	-4.43	14.08	0.026	1.000	Pass
			RB25#0	17.38	-4.43	12.95	0.020	1.000	Pass
			RB25#13	17.51	-4.43	13.08	0.020	1.000	Pass
			RB25#25	17.45	-4.43	13.02	0.020	1.000	Pass
			RB50#0	17.4	-4.43	12.97	0.020	1.000	Pass
		16-QAM	RB1#0	17.85	-4.43	13.42	0.022	1.000	Pass
			RB1#25	17.95	-4.43	13.52	0.022	1.000	Pass
			RB1#49	17.88	-4.43	13.45	0.022	1.000	Pass
			RB25#0	16.49	-4.43	12.06	0.016	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 4									
			RB25#13	16.59	-4.43	12.16	0.016	1.000	Pass
			RB25#25	16.54	-4.43	12.11	0.016	1.000	Pass
			RB50#0	16.47	-4.43	12.04	0.016	1.000	Pass
	HCH	QPSK	RB1#0	18.44	-4.43	14.01	0.025	1.000	Pass
			RB1#25	18.53	-4.43	14.10	0.026	1.000	Pass
			RB1#49	18.53	-4.43	14.10	0.026	1.000	Pass
			RB25#0	17.41	-4.43	12.98	0.020	1.000	Pass
			RB25#13	17.54	-4.43	13.11	0.020	1.000	Pass
			RB25#25	17.49	-4.43	13.06	0.020	1.000	Pass
			RB50#0	17.49	-4.43	13.06	0.020	1.000	Pass
		16-QAM	RB1#0	17.46	-4.43	13.03	0.020	1.000	Pass
			RB1#25	17.6	-4.43	13.17	0.021	1.000	Pass
			RB1#49	17.58	-4.43	13.15	0.021	1.000	Pass
			RB25#0	16.58	-4.43	12.15	0.016	1.000	Pass
			RB25#13	16.69	-4.43	12.26	0.017	1.000	Pass
			RB25#25	16.58	-4.43	12.15	0.016	1.000	Pass
			RB50#0	16.55	-4.43	12.12	0.016	1.000	Pass
15 MHz	LCH	QPSK	RB1#0	18.42	-4.43	13.99	0.025	1.000	Pass
			RB1#38	18.54	-4.43	14.11	0.026	1.000	Pass
			RB1#74	18.48	-4.43	14.05	0.025	1.000	Pass
			RB36#0	17.38	-4.43	12.95	0.020	1.000	Pass
			RB36#19	17.5	-4.43	13.07	0.020	1.000	Pass
			RB36#39	17.54	-4.43	13.11	0.020	1.000	Pass
			RB75#0	17.52	-4.43	13.09	0.020	1.000	Pass
		16-QAM	RB1#0	17.39	-4.43	12.96	0.020	1.000	Pass
			RB1#38	17.55	-4.43	13.12	0.021	1.000	Pass
			RB1#74	17.49	-4.43	13.06	0.020	1.000	Pass
			RB36#0	16.46	-4.43	12.03	0.016	1.000	Pass
			RB36#19	16.55	-4.43	12.12	0.016	1.000	Pass
			RB36#39	16.62	-4.43	12.19	0.017	1.000	Pass
			RB75#0	16.55	-4.43	12.12	0.016	1.000	Pass
	MCH	QPSK	RB1#0	18.41	-4.43	13.98	0.025	1.000	Pass
			RB1#38	18.58	-4.43	14.15	0.026	1.000	Pass
			RB1#74	18.47	-4.43	14.04	0.025	1.000	Pass
			RB36#0	17.4	-4.43	12.97	0.020	1.000	Pass
			RB36#19	17.46	-4.43	13.03	0.020	1.000	Pass
			RB36#39	17.48	-4.43	13.05	0.020	1.000	Pass
			RB75#0	17.44	-4.43	13.01	0.020	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 4									
			RB1#0	17.78	-4.43	13.35	0.022	1.000	Pass
			RB1#38	17.99	-4.43	13.56	0.023	1.000	Pass
			RB1#74	17.87	-4.43	13.44	0.022	1.000	Pass
		16-QAM	RB36#0	16.54	-4.43	12.11	0.016	1.000	Pass
			RB36#19	16.56	-4.43	12.13	0.016	1.000	Pass
			RB36#39	16.6	-4.43	12.17	0.016	1.000	Pass
			RB75#0	16.51	-4.43	12.08	0.016	1.000	Pass
			RB1#0	18.35	-4.43	13.92	0.025	1.000	Pass
			RB1#38	18.55	-4.43	14.12	0.026	1.000	Pass
			RB1#74	18.5	-4.43	14.07	0.026	1.000	Pass
		QPSK	RB36#0	17.42	-4.43	12.99	0.020	1.000	Pass
			RB36#19	17.49	-4.43	13.06	0.020	1.000	Pass
			RB36#39	17.47	-4.43	13.04	0.020	1.000	Pass
	HCH		RB75#0	17.47	-4.43	13.04	0.020	1.000	Pass
			RB1#0	17.9	-4.43	13.47	0.022	1.000	Pass
			RB1#38	18.08	-4.43	13.65	0.023	1.000	Pass
			RB1#74	18.03	-4.43	13.60	0.023	1.000	Pass
		16-QAM	RB36#0	16.43	-4.43	12.00	0.016	1.000	Pass
			RB36#19	16.54	-4.43	12.11	0.016	1.000	Pass
			RB36#39	16.53	-4.43	12.10	0.016	1.000	Pass
			RB75#0	16.51	-4.43	12.08	0.016	1.000	Pass
			RB1#0	18.37	-4.43	13.94	0.025	1.000	Pass
			RB1#50	18.6	-4.43	14.17	0.026	1.000	Pass
			RB1#99	18.48	-4.43	14.05	0.025	1.000	Pass
		QPSK	RB50#0	17.37	-4.43	12.94	0.020	1.000	Pass
			RB50#25	17.57	-4.43	13.14	0.021	1.000	Pass
			RB50#50	17.56	-4.43	13.13	0.021	1.000	Pass
			RB100#0	17.48	-4.43	13.05	0.020	1.000	Pass
	LCH		RB1#0	17.87	-4.43	13.44	0.022	1.000	Pass
			RB1#50	18.11	-4.43	13.68	0.023	1.000	Pass
			RB1#99	17.93	-4.43	13.50	0.022	1.000	Pass
20 MHz		16-QAM	RB50#0	16.45	-4.43	12.02	0.016	1.000	Pass
			RB50#25	16.67	-4.43	12.24	0.017	1.000	Pass
			RB50#50	16.64	-4.43	12.21	0.017	1.000	Pass
			RB100#0	16.57	-4.43	12.14	0.016	1.000	Pass
			RB1#0	18.33	-4.43	13.90	0.025	1.000	Pass
	MCH	QPSK	RB1#50	18.62	-4.43	14.19	0.026	1.000	Pass
			RB1#99	18.48	-4.43	14.05	0.025	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 4									
			RB50#0	17.4	-4.43	12.97	0.020	1.000	Pass
			RB50#25	17.5	-4.43	13.07	0.020	1.000	Pass
			RB50#50	17.53	-4.43	13.10	0.020	1.000	Pass
			RB100#0	17.45	-4.43	13.02	0.020	1.000	Pass
		16-QAM	RB1#0	17.85	-4.43	13.42	0.022	1.000	Pass
			RB1#50	18.11	-4.43	13.68	0.023	1.000	Pass
			RB1#99	17.94	-4.43	13.51	0.022	1.000	Pass
			RB50#0	16.49	-4.43	12.06	0.016	1.000	Pass
			RB50#25	16.56	-4.43	12.13	0.016	1.000	Pass
			RB50#50	16.57	-4.43	12.14	0.016	1.000	Pass
			RB100#0	16.5	-4.43	12.07	0.016	1.000	Pass
	HCH	QPSK	RB1#0	18.26	-4.43	13.83	0.024	1.000	Pass
			RB1#50	18.52	-4.43	14.09	0.026	1.000	Pass
			RB1#99	18.4	-4.43	13.97	0.025	1.000	Pass
			RB50#0	17.41	-4.43	12.98	0.020	1.000	Pass
			RB50#25	17.54	-4.43	13.11	0.020	1.000	Pass
			RB50#50	17.53	-4.43	13.10	0.020	1.000	Pass
			RB100#0	17.46	-4.43	13.03	0.020	1.000	Pass
		16-QAM	RB1#0	17.66	-4.43	13.23	0.021	1.000	Pass
			RB1#50	17.99	-4.43	13.56	0.023	1.000	Pass
			RB1#99	17.86	-4.43	13.43	0.022	1.000	Pass
			RB50#0	16.45	-4.43	12.02	0.016	1.000	Pass
			RB50#25	16.57	-4.43	12.14	0.016	1.000	Pass
			RB50#50	16.54	-4.43	12.11	0.016	1.000	Pass
			RB100#0	16.5	-4.43	12.07	0.016	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 5										
1.4 MHz	LCH	QPSK	RB1#0	23.25	-5.83	-7.98	15.27	0.034	7.000	Pass
			RB1#3	23.29	-5.83	-7.98	15.31	0.034	7.000	Pass
			RB1#5	23.27	-5.83	-7.98	15.29	0.034	7.000	Pass
			RB3#0	23.36	-5.83	-7.98	15.38	0.035	7.000	Pass
			RB3#2	23.4	-5.83	-7.98	15.42	0.035	7.000	Pass
			RB3#3	23.36	-5.83	-7.98	15.38	0.035	7.000	Pass
			RB6#0	22.46	-5.83	-7.98	14.48	0.028	7.000	Pass
		16-QAM	RB1#0	22.39	-5.83	-7.98	14.41	0.028	7.000	Pass
			RB1#3	22.42	-5.83	-7.98	14.44	0.028	7.000	Pass
			RB1#5	22.35	-5.83	-7.98	14.37	0.027	7.000	Pass
			RB3#0	22.42	-5.83	-7.98	14.44	0.028	7.000	Pass
			RB3#2	22.42	-5.83	-7.98	14.44	0.028	7.000	Pass
			RB3#3	22.4	-5.83	-7.98	14.42	0.028	7.000	Pass
			RB6#0	21.61	-5.83	-7.98	13.63	0.023	7.000	Pass
	MCH	QPSK	RB1#0	23.31	-5.83	-7.98	15.33	0.034	7.000	Pass
			RB1#3	23.34	-5.83	-7.98	15.36	0.034	7.000	Pass
			RB1#5	23.26	-5.83	-7.98	15.28	0.034	7.000	Pass
			RB3#0	23.38	-5.83	-7.98	15.40	0.035	7.000	Pass
			RB3#2	23.43	-5.83	-7.98	15.45	0.035	7.000	Pass
			RB3#3	23.39	-5.83	-7.98	15.41	0.035	7.000	Pass
			RB6#0	22.44	-5.83	-7.98	14.46	0.028	7.000	Pass
		16-QAM	RB1#0	22.62	-5.83	-7.98	14.64	0.029	7.000	Pass
			RB1#3	22.67	-5.83	-7.98	14.69	0.029	7.000	Pass
			RB1#5	22.64	-5.83	-7.98	14.66	0.029	7.000	Pass
			RB3#0	22.54	-5.83	-7.98	14.56	0.029	7.000	Pass
			RB3#2	22.54	-5.83	-7.98	14.56	0.029	7.000	Pass
			RB3#3	22.59	-5.83	-7.98	14.61	0.029	7.000	Pass
			RB6#0	21.43	-5.83	-7.98	13.45	0.022	7.000	Pass
	HCH	QPSK	RB1#0	23.22	-5.83	-7.98	15.24	0.033	7.000	Pass
			RB1#3	23.28	-5.83	-7.98	15.30	0.034	7.000	Pass
			RB1#5	23.24	-5.83	-7.98	15.26	0.034	7.000	Pass
			RB3#0	23.31	-5.83	-7.98	15.33	0.034	7.000	Pass
			RB3#2	23.35	-5.83	-7.98	15.37	0.034	7.000	Pass
			RB3#3	23.33	-5.83	-7.98	15.35	0.034	7.000	Pass
			RB6#0	22.36	-5.83	-7.98	14.38	0.027	7.000	Pass
		16-QAM	RB1#0	22.13	-5.83	-7.98	14.15	0.026	7.000	Pass
			RB1#3	22.2	-5.83	-7.98	14.22	0.026	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 5										
			RB1#5	22.15	-5.83	-7.98	14.17	0.026	7.000	Pass
			RB3#0	22.44	-5.83	-7.98	14.46	0.028	7.000	Pass
			RB3#2	22.48	-5.83	-7.98	14.50	0.028	7.000	Pass
			RB3#3	22.43	-5.83	-7.98	14.45	0.028	7.000	Pass
			RB6#0	21.6	-5.83	-7.98	13.62	0.023	7.000	Pass
3 MHz	LCH	QPSK	RB1#0	23.13	-5.83	-7.98	15.15	0.033	7.000	Pass
			RB1#7	23.24	-5.83	-7.98	15.26	0.034	7.000	Pass
			RB1#14	23.16	-5.83	-7.98	15.18	0.033	7.000	Pass
			RB8#0	22.41	-5.83	-7.98	14.43	0.028	7.000	Pass
			RB8#4	22.46	-5.83	-7.98	14.48	0.028	7.000	Pass
			RB8#7	22.36	-5.83	-7.98	14.38	0.027	7.000	Pass
			RB15#0	22.38	-5.83	-7.98	14.40	0.028	7.000	Pass
		16-QAM	RB1#0	22.09	-5.83	-7.98	14.11	0.026	7.000	Pass
			RB1#7	22.12	-5.83	-7.98	14.14	0.026	7.000	Pass
			RB1#14	22.06	-5.83	-7.98	14.08	0.026	7.000	Pass
			RB8#0	21.5	-5.83	-7.98	13.52	0.022	7.000	Pass
			RB8#4	21.6	-5.83	-7.98	13.62	0.023	7.000	Pass
			RB8#7	21.52	-5.83	-7.98	13.54	0.023	7.000	Pass
			RB15#0	21.42	-5.83	-7.98	13.44	0.022	7.000	Pass
	MCH	QPSK	RB1#0	23.19	-5.83	-7.98	15.21	0.033	7.000	Pass
			RB1#7	23.28	-5.83	-7.98	15.30	0.034	7.000	Pass
			RB1#14	23.16	-5.83	-7.98	15.18	0.033	7.000	Pass
			RB8#0	22.38	-5.83	-7.98	14.40	0.028	7.000	Pass
			RB8#4	22.45	-5.83	-7.98	14.47	0.028	7.000	Pass
			RB8#7	22.36	-5.83	-7.98	14.38	0.027	7.000	Pass
			RB15#0	22.33	-5.83	-7.98	14.35	0.027	7.000	Pass
		16-QAM	RB1#0	22.5	-5.83	-7.98	14.52	0.028	7.000	Pass
			RB1#7	22.59	-5.83	-7.98	14.61	0.029	7.000	Pass
			RB1#14	22.53	-5.83	-7.98	14.55	0.029	7.000	Pass
			RB8#0	21.57	-5.83	-7.98	13.59	0.023	7.000	Pass
			RB8#4	21.59	-5.83	-7.98	13.61	0.023	7.000	Pass
			RB8#7	21.47	-5.83	-7.98	13.49	0.022	7.000	Pass
			RB15#0	21.39	-5.83	-7.98	13.41	0.022	7.000	Pass
	HCH	QPSK	RB1#0	23.12	-5.83	-7.98	15.14	0.033	7.000	Pass
			RB1#7	23.24	-5.83	-7.98	15.26	0.034	7.000	Pass
			RB1#14	23.13	-5.83	-7.98	15.15	0.033	7.000	Pass
			RB8#0	22.33	-5.83	-7.98	14.35	0.027	7.000	Pass
			RB8#4	22.38	-5.83	-7.98	14.40	0.028	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 5										
			RB8#7	22.31	-5.83	-7.98	14.33	0.027	7.000	Pass
			RB15#0	22.31	-5.83	-7.98	14.33	0.027	7.000	Pass
		16-QAM	RB1#0	22.12	-5.83	-7.98	14.14	0.026	7.000	Pass
			RB1#7	22.17	-5.83	-7.98	14.19	0.026	7.000	Pass
			RB1#14	22.05	-5.83	-7.98	14.07	0.026	7.000	Pass
			RB8#0	21.42	-5.83	-7.98	13.44	0.022	7.000	Pass
			RB8#4	21.43	-5.83	-7.98	13.45	0.022	7.000	Pass
			RB8#7	21.37	-5.83	-7.98	13.39	0.022	7.000	Pass
			RB15#0	21.29	-5.83	-7.98	13.31	0.021	7.000	Pass
5 MHz	LCH	QPSK	RB1#0	23.32	-5.83	-7.98	15.34	0.034	7.000	Pass
			RB1#13	**23.58**	-5.83	-7.98	15.60	0.036	7.000	Pass
			RB1#24	23.44	-5.83	-7.98	15.46	0.035	7.000	Pass
			RB12#0	22.41	-5.83	-7.98	14.43	0.028	7.000	Pass
			RB12#6	22.47	-5.83	-7.98	14.49	0.028	7.000	Pass
			RB12#13	22.44	-5.83	-7.98	14.46	0.028	7.000	Pass
			RB25#0	22.41	-5.83	-7.98	14.43	0.028	7.000	Pass
		16-QAM	RB1#0	22.62	-5.83	-7.98	14.64	0.029	7.000	Pass
			RB1#13	22.69	-5.83	-7.98	14.71	0.030	7.000	Pass
			RB1#24	22.57	-5.83	-7.98	14.59	0.029	7.000	Pass
			RB12#0	21.46	-5.83	-7.98	13.48	0.022	7.000	Pass
			RB12#6	21.57	-5.83	-7.98	13.59	0.023	7.000	Pass
			RB12#13	21.59	-5.83	-7.98	13.61	0.023	7.000	Pass
			RB25#0	21.5	-5.83	-7.98	13.52	0.022	7.000	Pass
	MCH	QPSK	RB1#0	23.42	-5.83	-7.98	15.44	0.035	7.000	Pass
			RB1#13	23.52	-5.83	-7.98	15.54	0.036	7.000	Pass
			RB1#24	23.44	-5.83	-7.98	15.46	0.035	7.000	Pass
			RB12#0	22.36	-5.83	-7.98	14.38	0.027	7.000	Pass
			RB12#6	22.47	-5.83	-7.98	14.49	0.028	7.000	Pass
			RB12#13	22.4	-5.83	-7.98	14.42	0.028	7.000	Pass
			RB25#0	22.45	-5.83	-7.98	14.47	0.028	7.000	Pass
		16-QAM	RB1#0	22.85	-5.83	-7.98	14.87	0.031	7.000	Pass
			RB1#13	23.04	-5.83	-7.98	15.06	0.032	7.000	Pass
			RB1#24	22.91	-5.83	-7.98	14.93	0.031	7.000	Pass
			RB12#0	21.6	-5.83	-7.98	13.62	0.023	7.000	Pass
			RB12#6	21.64	-5.83	-7.98	13.66	0.023	7.000	Pass
			RB12#13	21.62	-5.83	-7.98	13.64	0.023	7.000	Pass
			RB25#0	21.62	-5.83	-7.98	13.64	0.023	7.000	Pass
	HCH	QPSK	RB1#0	23.4	-5.83	-7.98	15.42	0.035	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 5										
			RB1#13	23.47	-5.83	-7.98	15.49	0.035	7.000	Pass
			RB1#24	23.33	-5.83	-7.98	15.35	0.034	7.000	Pass
			RB12#0	22.44	-5.83	-7.98	14.46	0.028	7.000	Pass
			RB12#6	22.44	-5.83	-7.98	14.46	0.028	7.000	Pass
			RB12#13	22.34	-5.83	-7.98	14.36	0.027	7.000	Pass
			RB25#0	22.42	-5.83	-7.98	14.44	0.028	7.000	Pass
		16-QAM	RB1#0	22.49	-5.83	-7.98	14.51	0.028	7.000	Pass
			RB1#13	22.55	-5.83	-7.98	14.57	0.029	7.000	Pass
			RB1#24	22.38	-5.83	-7.98	14.40	0.028	7.000	Pass
			RB12#0	21.54	-5.83	-7.98	13.56	0.023	7.000	Pass
			RB12#6	21.59	-5.83	-7.98	13.61	0.023	7.000	Pass
			RB12#13	21.42	-5.83	-7.98	13.44	0.022	7.000	Pass
			RB25#0	21.45	-5.83	-7.98	13.47	0.022	7.000	Pass
10 MHz	LCH	QPSK	RB1#0	23.4	-5.83	-7.98	15.42	0.035	7.000	Pass
			RB1#25	23.49	-5.83	-7.98	15.51	0.036	7.000	Pass
			RB1#49	23.51	-5.83	-7.98	15.53	0.036	7.000	Pass
			RB25#0	22.34	-5.83	-7.98	14.36	0.027	7.000	Pass
			RB25#13	22.44	-5.83	-7.98	14.46	0.028	7.000	Pass
			RB25#25	22.46	-5.83	-7.98	14.48	0.028	7.000	Pass
			RB50#0	22.4	-5.83	-7.98	14.42	0.028	7.000	Pass
		16-QAM	RB1#0	22.36	-5.83	-7.98	14.38	0.027	7.000	Pass
			RB1#25	22.44	-5.83	-7.98	14.46	0.028	7.000	Pass
			RB1#49	22.36	-5.83	-7.98	14.38	0.027	7.000	Pass
			RB25#0	21.41	-5.83	-7.98	13.43	0.022	7.000	Pass
			RB25#13	21.58	-5.83	-7.98	13.60	0.023	7.000	Pass
			RB25#25	21.52	-5.83	-7.98	13.54	0.023	7.000	Pass
			RB50#0	21.46	-5.83	-7.98	13.48	0.022	7.000	Pass
	MCH	QPSK	RB1#0	23.47	-5.83	-7.98	15.49	0.035	7.000	Pass
			RB1#25	23.5	-5.83	-7.98	15.52	0.036	7.000	Pass
			RB1#49	23.53	-5.83	-7.98	15.55	0.036	7.000	Pass
			RB25#0	22.34	-5.83	-7.98	14.36	0.027	7.000	Pass
			RB25#13	22.51	-5.83	-7.98	14.53	0.028	7.000	Pass
			RB25#25	22.46	-5.83	-7.98	14.48	0.028	7.000	Pass
			RB50#0	22.38	-5.83	-7.98	14.40	0.028	7.000	Pass
		16-QAM	RB1#0	22.79	-5.83	-7.98	14.81	0.030	7.000	Pass
			RB1#25	22.83	-5.83	-7.98	14.85	0.031	7.000	Pass
			RB1#49	22.85	-5.83	-7.98	14.87	0.031	7.000	Pass
			RB25#0	21.46	-5.83	-7.98	13.48	0.022	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 5										
			RB25#13	21.61	-5.83	-7.98	13.63	0.023	7.000	Pass
			RB25#25	21.55	-5.83	-7.98	13.57	0.023	7.000	Pass
			RB50#0	21.47	-5.83	-7.98	13.49	0.022	7.000	Pass
	HCH	QPSK	RB1#0	23.48	-5.83	-7.98	15.50	0.035	7.000	Pass
			RB1#25	23.54	-5.83	-7.98	15.56	0.036	7.000	Pass
			RB1#49	23.42	-5.83	-7.98	15.44	0.035	7.000	Pass
			RB25#0	22.42	-5.83	-7.98	14.44	0.028	7.000	Pass
			RB25#13	22.49	-5.83	-7.98	14.51	0.028	7.000	Pass
			RB25#25	22.37	-5.83	-7.98	14.39	0.027	7.000	Pass
			RB50#0	22.42	-5.83	-7.98	14.44	0.028	7.000	Pass
		16-QAM	RB1#0	22.47	-5.83	-7.98	14.49	0.028	7.000	Pass
			RB1#25	22.47	-5.83	-7.98	14.49	0.028	7.000	Pass
			RB1#49	22.36	-5.83	-7.98	14.38	0.027	7.000	Pass
			RB25#0	21.58	-5.83	-7.98	13.60	0.023	7.000	Pass
			RB25#13	21.66	-5.83	-7.98	13.68	0.023	7.000	Pass
			RB25#25	21.57	-5.83	-7.98	13.59	0.023	7.000	Pass
			RB50#0	21.5	-5.83	-7.98	13.52	0.022	7.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 7									
5 MHz	LCH	QPSK	RB1#0	18.98	-4.06	14.92	0.031	2.000	Pass
			RB1#13	**19.12**	-4.06	15.06	0.032	2.000	Pass
			RB1#24	18.95	-4.06	14.89	0.031	2.000	Pass
			RB12#0	17.95	-4.06	13.89	0.024	2.000	Pass
			RB12#6	18.06	-4.06	14.00	0.025	2.000	Pass
			RB12#13	17.98	-4.06	13.92	0.025	2.000	Pass
			RB25#0	18	-4.06	13.94	0.025	2.000	Pass
		16-QAM	RB1#0	18.14	-4.06	14.08	0.026	2.000	Pass
			RB1#13	18.23	-4.06	14.17	0.026	2.000	Pass
			RB1#24	18.1	-4.06	14.04	0.025	2.000	Pass
			RB12#0	17.06	-4.06	13.00	0.020	2.000	Pass
			RB12#6	17.11	-4.06	13.05	0.020	2.000	Pass
			RB12#13	17.07	-4.06	13.01	0.020	2.000	Pass
			RB25#0	17.04	-4.06	12.98	0.020	2.000	Pass
	MCH	QPSK	RB1#0	18.91	-4.06	14.85	0.031	2.000	Pass
			RB1#13	19.06	-4.06	15.00	0.032	2.000	Pass
			RB1#24	18.97	-4.06	14.91	0.031	2.000	Pass
			RB12#0	17.95	-4.06	13.89	0.024	2.000	Pass
			RB12#6	18.02	-4.06	13.96	0.025	2.000	Pass
			RB12#13	17.93	-4.06	13.87	0.024	2.000	Pass
			RB25#0	17.99	-4.06	13.93	0.025	2.000	Pass
		16-QAM	RB1#0	18.45	-4.06	14.39	0.027	2.000	Pass
			RB1#13	18.62	-4.06	14.56	0.029	2.000	Pass
			RB1#24	18.46	-4.06	14.40	0.028	2.000	Pass
			RB12#0	17.12	-4.06	13.06	0.020	2.000	Pass
			RB12#6	17.16	-4.06	13.10	0.020	2.000	Pass
			RB12#13	17.09	-4.06	13.03	0.020	2.000	Pass
			RB25#0	17.09	-4.06	13.03	0.020	2.000	Pass
	HCH	QPSK	RB1#0	18.9	-4.06	14.84	0.030	2.000	Pass
			RB1#13	19.01	-4.06	14.95	0.031	2.000	Pass
			RB1#24	18.86	-4.06	14.80	0.030	2.000	Pass
			RB12#0	17.89	-4.06	13.83	0.024	2.000	Pass
			RB12#6	17.96	-4.06	13.90	0.025	2.000	Pass
			RB12#13	17.94	-4.06	13.88	0.024	2.000	Pass
			RB25#0	17.95	-4.06	13.89	0.024	2.000	Pass
		16-QAM	RB1#0	18.09	-4.06	14.03	0.025	2.000	Pass
			RB1#13	18.18	-4.06	14.12	0.026	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 7									
			RB1#24	18.08	-4.06	14.02	0.025	2.000	Pass
			RB12#0	16.93	-4.06	12.87	0.019	2.000	Pass
			RB12#6	17.03	-4.06	12.97	0.020	2.000	Pass
			RB12#13	17	-4.06	12.94	0.020	2.000	Pass
			RB25#0	16.97	-4.06	12.91	0.020	2.000	Pass
10 MHz	LCH	QPSK	RB1#0	19.04	-4.06	14.98	0.031	2.000	Pass
			RB1#25	18.99	-4.06	14.93	0.031	2.000	Pass
			RB1#49	18.99	-4.06	14.93	0.031	2.000	Pass
			RB25#0	17.96	-4.06	13.90	0.025	2.000	Pass
			RB25#13	18.03	-4.06	13.97	0.025	2.000	Pass
			RB25#25	18.03	-4.06	13.97	0.025	2.000	Pass
			RB50#0	18.06	-4.06	14.00	0.025	2.000	Pass
		16-QAM	RB1#0	17.99	-4.06	13.93	0.025	2.000	Pass
			RB1#25	17.99	-4.06	13.93	0.025	2.000	Pass
			RB1#49	17.99	-4.06	13.93	0.025	2.000	Pass
			RB25#0	17.02	-4.06	12.96	0.020	2.000	Pass
			RB25#13	17.06	-4.06	13.00	0.020	2.000	Pass
			RB25#25	17.05	-4.06	12.99	0.020	2.000	Pass
			RB50#0	16.99	-4.06	12.93	0.020	2.000	Pass
	MCH	QPSK	RB1#0	18.99	-4.06	14.93	0.031	2.000	Pass
			RB1#25	19.04	-4.06	14.98	0.031	2.000	Pass
			RB1#49	19.03	-4.06	14.97	0.031	2.000	Pass
			RB25#0	18.01	-4.06	13.95	0.025	2.000	Pass
			RB25#13	18.02	-4.06	13.96	0.025	2.000	Pass
			RB25#25	17.96	-4.06	13.90	0.025	2.000	Pass
			RB50#0	17.99	-4.06	13.93	0.025	2.000	Pass
		16-QAM	RB1#0	18.37	-4.06	14.31	0.027	2.000	Pass
			RB1#25	18.45	-4.06	14.39	0.027	2.000	Pass
			RB1#49	18.42	-4.06	14.36	0.027	2.000	Pass
			RB25#0	17.09	-4.06	13.03	0.020	2.000	Pass
			RB25#13	17.11	-4.06	13.05	0.020	2.000	Pass
			RB25#25	17.04	-4.06	12.98	0.020	2.000	Pass
			RB50#0	17.01	-4.06	12.95	0.020	2.000	Pass
	HCH	QPSK	RB1#0	18.92	-4.06	14.86	0.031	2.000	Pass
			RB1#25	19	-4.06	14.94	0.031	2.000	Pass
			RB1#49	18.95	-4.06	14.89	0.031	2.000	Pass
			RB25#0	17.87	-4.06	13.81	0.024	2.000	Pass
			RB25#13	17.98	-4.06	13.92	0.025	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 7									
			RB25#25	18.01	-4.06	13.95	0.025	2.000	Pass
			RB50#0	17.98	-4.06	13.92	0.025	2.000	Pass
		16-QAM	RB1#0	17.99	-4.06	13.93	0.025	2.000	Pass
			RB1#25	18.1	-4.06	14.04	0.025	2.000	Pass
			RB1#49	17.98	-4.06	13.92	0.025	2.000	Pass
			RB25#0	17.01	-4.06	12.95	0.020	2.000	Pass
			RB25#13	17.13	-4.06	13.07	0.020	2.000	Pass
			RB25#25	17.12	-4.06	13.06	0.020	2.000	Pass
			RB50#0	16.99	-4.06	12.93	0.020	2.000	Pass
15 MHz	LCH	QPSK	RB1#0	18.95	-4.06	14.89	0.031	2.000	Pass
			RB1#38	19.05	-4.06	14.99	0.032	2.000	Pass
			RB1#74	19.01	-4.06	14.95	0.031	2.000	Pass
			RB36#0	17.92	-4.06	13.86	0.024	2.000	Pass
			RB36#19	17.98	-4.06	13.92	0.025	2.000	Pass
			RB36#39	18.02	-4.06	13.96	0.025	2.000	Pass
			RB75#0	18	-4.06	13.94	0.025	2.000	Pass
		16-QAM	RB1#0	17.9	-4.06	13.84	0.024	2.000	Pass
			RB1#38	18.03	-4.06	13.97	0.025	2.000	Pass
			RB1#74	17.98	-4.06	13.92	0.025	2.000	Pass
			RB36#0	16.96	-4.06	12.90	0.019	2.000	Pass
			RB36#19	16.98	-4.06	12.92	0.020	2.000	Pass
			RB36#39	17.04	-4.06	12.98	0.020	2.000	Pass
			RB75#0	16.99	-4.06	12.93	0.020	2.000	Pass
	MCH	QPSK	RB1#0	18.94	-4.06	14.88	0.031	2.000	Pass
			RB1#38	19.07	-4.06	15.01	0.032	2.000	Pass
			RB1#74	18.99	-4.06	14.93	0.031	2.000	Pass
			RB36#0	17.92	-4.06	13.86	0.024	2.000	Pass
			RB36#19	17.95	-4.06	13.89	0.024	2.000	Pass
			RB36#39	17.93	-4.06	13.87	0.024	2.000	Pass
			RB75#0	17.99	-4.06	13.93	0.025	2.000	Pass
		16-QAM	RB1#0	18.35	-4.06	14.29	0.027	2.000	Pass
			RB1#38	18.48	-4.06	14.42	0.028	2.000	Pass
			RB1#74	18.38	-4.06	14.32	0.027	2.000	Pass
			RB36#0	17.02	-4.06	12.96	0.020	2.000	Pass
			RB36#19	17.06	-4.06	13.00	0.020	2.000	Pass
			RB36#39	17.03	-4.06	12.97	0.020	2.000	Pass
			RB75#0	16.99	-4.06	12.93	0.020	2.000	Pass
	HCH	QPSK	RB1#0	18.9	-4.06	14.84	0.030	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 7									
			RB1#38	19.05	-4.06	14.99	0.032	2.000	Pass
			RB1#74	18.96	-4.06	14.90	0.031	2.000	Pass
			RB36#0	17.86	-4.06	13.80	0.024	2.000	Pass
			RB36#19	17.99	-4.06	13.93	0.025	2.000	Pass
			RB36#39	17.97	-4.06	13.91	0.025	2.000	Pass
			RB75#0	17.91	-4.06	13.85	0.024	2.000	Pass
		16-QAM	RB1#0	18.38	-4.06	14.32	0.027	2.000	Pass
			RB1#38	18.58	-4.06	14.52	0.028	2.000	Pass
			RB1#74	18.44	-4.06	14.38	0.027	2.000	Pass
			RB36#0	16.85	-4.06	12.79	0.019	2.000	Pass
			RB36#19	16.94	-4.06	12.88	0.019	2.000	Pass
			RB36#39	16.98	-4.06	12.92	0.020	2.000	Pass
			RB75#0	16.93	-4.06	12.87	0.019	2.000	Pass
20 MHz	LCH	QPSK	RB1#0	18.89	-4.06	14.83	0.030	2.000	Pass
			RB1#50	19.07	-4.06	15.01	0.032	2.000	Pass
			RB1#99	18.95	-4.06	14.89	0.031	2.000	Pass
			RB50#0	17.84	-4.06	13.78	0.024	2.000	Pass
			RB50#25	18.03	-4.06	13.97	0.025	2.000	Pass
			RB50#50	18.13	-4.06	14.07	0.026	2.000	Pass
			RB100#0	18	-4.06	13.94	0.025	2.000	Pass
		16-QAM	RB1#0	18.42	-4.06	14.36	0.027	2.000	Pass
			RB1#50	18.62	-4.06	14.56	0.029	2.000	Pass
			RB1#99	18.49	-4.06	14.43	0.028	2.000	Pass
			RB50#0	16.9	-4.06	12.84	0.019	2.000	Pass
			RB50#25	17.1	-4.06	13.04	0.020	2.000	Pass
			RB50#50	17.16	-4.06	13.10	0.020	2.000	Pass
			RB100#0	17.02	-4.06	12.96	0.020	2.000	Pass
	MCH	QPSK	RB1#0	18.88	-4.06	14.82	0.030	2.000	Pass
			RB1#50	19.1	-4.06	15.04	0.032	2.000	Pass
			RB1#99	18.95	-4.06	14.89	0.031	2.000	Pass
			RB50#0	18.01	-4.06	13.95	0.025	2.000	Pass
			RB50#25	18.07	-4.06	14.01	0.025	2.000	Pass
			RB50#50	17.95	-4.06	13.89	0.024	2.000	Pass
			RB100#0	17.95	-4.06	13.89	0.024	2.000	Pass
		16-QAM	RB1#0	18.39	-4.06	14.33	0.027	2.000	Pass
			RB1#50	18.63	-4.06	14.57	0.029	2.000	Pass
			RB1#99	18.48	-4.06	14.42	0.028	2.000	Pass
			RB50#0	17.03	-4.06	12.97	0.020	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 7									
			RB50#25	17.08	-4.06	13.02	0.020	2.000	Pass
			RB50#50	16.96	-4.06	12.90	0.019	2.000	Pass
			RB100#0	16.99	-4.06	12.93	0.020	2.000	Pass
	HCH	QPSK	RB1#0	18.72	-4.06	14.66	0.029	2.000	Pass
			RB1#50	18.93	-4.06	14.87	0.031	2.000	Pass
			RB1#99	18.8	-4.06	14.74	0.030	2.000	Pass
			RB50#0	17.81	-4.06	13.75	0.024	2.000	Pass
			RB50#25	17.98	-4.06	13.92	0.025	2.000	Pass
			RB50#50	18.01	-4.06	13.95	0.025	2.000	Pass
			RB100#0	17.93	-4.06	13.87	0.024	2.000	Pass
		16-QAM	RB1#0	18.16	-4.06	14.10	0.026	2.000	Pass
			RB1#50	18.39	-4.06	14.33	0.027	2.000	Pass
			RB1#99	18.24	-4.06	14.18	0.026	2.000	Pass
			RB50#0	16.81	-4.06	12.75	0.019	2.000	Pass
			RB50#25	16.98	-4.06	12.92	0.020	2.000	Pass
			RB50#50	16.98	-4.06	12.92	0.020	2.000	Pass
			RB100#0	16.91	-4.06	12.85	0.019	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 12										
1.4 MHz	LCH	QPSK	RB1#0	23.27	-5.75	-7.9	15.37	0.034	3.000	Pass
			RB1#3	23.29	-5.75	-7.9	15.39	0.035	3.000	Pass
			RB1#5	23.29	-5.75	-7.9	15.39	0.035	3.000	Pass
			RB3#0	23.4	-5.75	-7.9	15.50	0.035	3.000	Pass
			RB3#2	23.41	-5.75	-7.9	15.51	0.036	3.000	Pass
			RB3#3	23.37	-5.75	-7.9	15.47	0.035	3.000	Pass
			RB6#0	22.46	-5.75	-7.9	14.56	0.029	3.000	Pass
		16-QAM	RB1#0	22.34	-5.75	-7.9	14.44	0.028	3.000	Pass
			RB1#3	22.38	-5.75	-7.9	14.48	0.028	3.000	Pass
			RB1#5	22.31	-5.75	-7.9	14.41	0.028	3.000	Pass
			RB3#0	22.35	-5.75	-7.9	14.45	0.028	3.000	Pass
			RB3#2	22.39	-5.75	-7.9	14.49	0.028	3.000	Pass
			RB3#3	22.36	-5.75	-7.9	14.46	0.028	3.000	Pass
			RB6#0	21.59	-5.75	-7.9	13.69	0.023	3.000	Pass
	MCH	QPSK	RB1#0	23.26	-5.75	-7.9	15.36	0.034	3.000	Pass
			RB1#3	23.33	-5.75	-7.9	15.43	0.035	3.000	Pass
			RB1#5	23.27	-5.75	-7.9	15.37	0.034	3.000	Pass
			RB3#0	23.36	-5.75	-7.9	15.46	0.035	3.000	Pass
			RB3#2	23.45	-5.75	-7.9	15.55	0.036	3.000	Pass
			RB3#3	23.37	-5.75	-7.9	15.47	0.035	3.000	Pass
			RB6#0	22.4	-5.75	-7.9	14.50	0.028	3.000	Pass
		16-QAM	RB1#0	22.59	-5.75	-7.9	14.69	0.029	3.000	Pass
			RB1#3	22.66	-5.75	-7.9	14.76	0.030	3.000	Pass
			RB1#5	22.61	-5.75	-7.9	14.71	0.030	3.000	Pass
			RB3#0	22.53	-5.75	-7.9	14.63	0.029	3.000	Pass
			RB3#2	22.53	-5.75	-7.9	14.63	0.029	3.000	Pass
			RB3#3	22.54	-5.75	-7.9	14.64	0.029	3.000	Pass
			RB6#0	21.35	-5.75	-7.9	13.45	0.022	3.000	Pass
	HCH	QPSK	RB1#0	23.26	-5.75	-7.9	15.36	0.034	3.000	Pass
			RB1#3	23.32	-5.75	-7.9	15.42	0.035	3.000	Pass
			RB1#5	23.27	-5.75	-7.9	15.37	0.034	3.000	Pass
			RB3#0	23.36	-5.75	-7.9	15.46	0.035	3.000	Pass
			RB3#2	23.39	-5.75	-7.9	15.49	0.035	3.000	Pass
			RB3#3	23.37	-5.75	-7.9	15.47	0.035	3.000	Pass
			RB6#0	22.4	-5.75	-7.9	14.50	0.028	3.000	Pass
		16-QAM	RB1#0	22.19	-5.75	-7.9	14.29	0.027	3.000	Pass
			RB1#3	22.26	-5.75	-7.9	14.36	0.027	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 12										
			RB1#5	22.2	-5.75	-7.9	14.30	0.027	3.000	Pass
			RB3#0	22.47	-5.75	-7.9	14.57	0.029	3.000	Pass
			RB3#2	22.5	-5.75	-7.9	14.60	0.029	3.000	Pass
			RB3#3	22.46	-5.75	-7.9	14.56	0.029	3.000	Pass
			RB6#0	21.58	-5.75	-7.9	13.68	0.023	3.000	Pass
3 MHz	LCH	QPSK	RB1#0	23.1	-5.75	-7.9	15.20	0.033	3.000	Pass
			RB1#7	23.17	-5.75	-7.9	15.27	0.034	3.000	Pass
			RB1#14	23.09	-5.75	-7.9	15.19	0.033	3.000	Pass
			RB8#0	22.39	-5.75	-7.9	14.49	0.028	3.000	Pass
			RB8#4	22.42	-5.75	-7.9	14.52	0.028	3.000	Pass
			RB8#7	22.35	-5.75	-7.9	14.45	0.028	3.000	Pass
			RB15#0	22.31	-5.75	-7.9	14.41	0.028	3.000	Pass
		16-QAM	RB1#0	22.02	-5.75	-7.9	14.12	0.026	3.000	Pass
			RB1#7	22.07	-5.75	-7.9	14.17	0.026	3.000	Pass
			RB1#14	22.01	-5.75	-7.9	14.11	0.026	3.000	Pass
			RB8#0	21.41	-5.75	-7.9	13.51	0.022	3.000	Pass
			RB8#4	21.49	-5.75	-7.9	13.59	0.023	3.000	Pass
			RB8#7	21.39	-5.75	-7.9	13.49	0.022	3.000	Pass
			RB15#0	21.31	-5.75	-7.9	13.41	0.022	3.000	Pass
	MCH	QPSK	RB1#0	23.14	-5.75	-7.9	15.24	0.033	3.000	Pass
			RB1#7	23.24	-5.75	-7.9	15.34	0.034	3.000	Pass
			RB1#14	23.12	-5.75	-7.9	15.22	0.033	3.000	Pass
			RB8#0	22.33	-5.75	-7.9	14.43	0.028	3.000	Pass
			RB8#4	22.39	-5.75	-7.9	14.49	0.028	3.000	Pass
			RB8#7	22.34	-5.75	-7.9	14.44	0.028	3.000	Pass
			RB15#0	22.28	-5.75	-7.9	14.38	0.027	3.000	Pass
		16-QAM	RB1#0	22.52	-5.75	-7.9	14.62	0.029	3.000	Pass
			RB1#7	22.57	-5.75	-7.9	14.67	0.029	3.000	Pass
			RB1#14	22.45	-5.75	-7.9	14.55	0.029	3.000	Pass
			RB8#0	21.44	-5.75	-7.9	13.54	0.023	3.000	Pass
			RB8#4	21.46	-5.75	-7.9	13.56	0.023	3.000	Pass
			RB8#7	21.39	-5.75	-7.9	13.49	0.022	3.000	Pass
			RB15#0	21.31	-5.75	-7.9	13.41	0.022	3.000	Pass
	HCH	QPSK	RB1#0	23.16	-5.75	-7.9	15.26	0.034	3.000	Pass
			RB1#7	23.22	-5.75	-7.9	15.32	0.034	3.000	Pass
			RB1#14	23.12	-5.75	-7.9	15.22	0.033	3.000	Pass
			RB8#0	22.35	-5.75	-7.9	14.45	0.028	3.000	Pass
			RB8#4	22.38	-5.75	-7.9	14.48	0.028	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 12										
			RB8#7	22.3	-5.75	-7.9	14.40	0.028	3.000	Pass
			RB15#0	22.28	-5.75	-7.9	14.38	0.027	3.000	Pass
		16-QAM	RB1#0	22.15	-5.75	-7.9	14.25	0.027	3.000	Pass
			RB1#7	22.17	-5.75	-7.9	14.27	0.027	3.000	Pass
			RB1#14	22.06	-5.75	-7.9	14.16	0.026	3.000	Pass
			RB8#0	21.34	-5.75	-7.9	13.44	0.022	3.000	Pass
			RB8#4	21.37	-5.75	-7.9	13.47	0.022	3.000	Pass
			RB8#7	21.32	-5.75	-7.9	13.42	0.022	3.000	Pass
			RB15#0	21.2	-5.75	-7.9	13.30	0.021	3.000	Pass
5 MHz	LCH	QPSK	RB1#0	23.35	-5.75	-7.9	15.45	0.035	3.000	Pass
			RB1#13	23.47	-5.75	-7.9	15.57	0.036	3.000	Pass
			RB1#24	23.35	-5.75	-7.9	15.45	0.035	3.000	Pass
			RB12#0	22.27	-5.75	-7.9	14.37	0.027	3.000	Pass
			RB12#6	22.43	-5.75	-7.9	14.53	0.028	3.000	Pass
			RB12#13	22.35	-5.75	-7.9	14.45	0.028	3.000	Pass
			RB25#0	22.35	-5.75	-7.9	14.45	0.028	3.000	Pass
		16-QAM	RB1#0	22.43	-5.75	-7.9	14.53	0.028	3.000	Pass
			RB1#13	22.58	-5.75	-7.9	14.68	0.029	3.000	Pass
			RB1#24	22.48	-5.75	-7.9	14.58	0.029	3.000	Pass
			RB12#0	21.39	-5.75	-7.9	13.49	0.022	3.000	Pass
			RB12#6	21.51	-5.75	-7.9	13.61	0.023	3.000	Pass
			RB12#13	21.46	-5.75	-7.9	13.56	0.023	3.000	Pass
			RB25#0	21.45	-5.75	-7.9	13.55	0.023	3.000	Pass
	MCH	QPSK	RB1#0	23.37	-5.75	-7.9	15.47	0.035	3.000	Pass
			RB1#13	**23.5**	-5.75	-7.9	15.60	0.036	3.000	Pass
			RB1#24	23.36	-5.75	-7.9	15.46	0.035	3.000	Pass
			RB12#0	22.28	-5.75	-7.9	14.38	0.027	3.000	Pass
			RB12#6	22.43	-5.75	-7.9	14.53	0.028	3.000	Pass
			RB12#13	22.32	-5.75	-7.9	14.42	0.028	3.000	Pass
			RB25#0	22.38	-5.75	-7.9	14.48	0.028	3.000	Pass
		16-QAM	RB1#0	22.83	-5.75	-7.9	14.93	0.031	3.000	Pass
			RB1#13	23.01	-5.75	-7.9	15.11	0.032	3.000	Pass
			RB1#24	22.8	-5.75	-7.9	14.90	0.031	3.000	Pass
			RB12#0	21.48	-5.75	-7.9	13.58	0.023	3.000	Pass
			RB12#6	21.59	-5.75	-7.9	13.69	0.023	3.000	Pass
			RB12#13	21.49	-5.75	-7.9	13.59	0.023	3.000	Pass
			RB25#0	21.47	-5.75	-7.9	13.57	0.023	3.000	Pass
	HCH	QPSK	RB1#0	23.35	-5.75	-7.9	15.45	0.035	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 12										
			RB1#13	23.48	-5.75	-7.9	15.58	0.036	3.000	Pass
			RB1#24	23.32	-5.75	-7.9	15.42	0.035	3.000	Pass
			RB12#0	22.35	-5.75	-7.9	14.45	0.028	3.000	Pass
			RB12#6	22.47	-5.75	-7.9	14.57	0.029	3.000	Pass
			RB12#13	22.31	-5.75	-7.9	14.41	0.028	3.000	Pass
			RB25#0	22.35	-5.75	-7.9	14.45	0.028	3.000	Pass
		16-QAM	RB1#0	22.43	-5.75	-7.9	14.53	0.028	3.000	Pass
			RB1#13	22.57	-5.75	-7.9	14.67	0.029	3.000	Pass
			RB1#24	22.41	-5.75	-7.9	14.51	0.028	3.000	Pass
			RB12#0	21.37	-5.75	-7.9	13.47	0.022	3.000	Pass
			RB12#6	21.48	-5.75	-7.9	13.58	0.023	3.000	Pass
			RB12#13	21.4	-5.75	-7.9	13.50	0.022	3.000	Pass
			RB25#0	21.37	-5.75	-7.9	13.47	0.022	3.000	Pass
10 MHz	LCH	QPSK	RB1#0	23.42	-5.75	-7.9	15.52	0.036	3.000	Pass
			RB1#25	23.44	-5.75	-7.9	15.54	0.036	3.000	Pass
			RB1#49	23.43	-5.75	-7.9	15.53	0.036	3.000	Pass
			RB25#0	22.22	-5.75	-7.9	14.32	0.027	3.000	Pass
			RB25#13	22.47	-5.75	-7.9	14.57	0.029	3.000	Pass
			RB25#25	22.45	-5.75	-7.9	14.55	0.029	3.000	Pass
			RB50#0	22.38	-5.75	-7.9	14.48	0.028	3.000	Pass
		16-QAM	RB1#0	22.28	-5.75	-7.9	14.38	0.027	3.000	Pass
			RB1#25	22.29	-5.75	-7.9	14.39	0.027	3.000	Pass
			RB1#49	22.35	-5.75	-7.9	14.45	0.028	3.000	Pass
			RB25#0	21.34	-5.75	-7.9	13.44	0.022	3.000	Pass
			RB25#13	21.46	-5.75	-7.9	13.56	0.023	3.000	Pass
			RB25#25	21.53	-5.75	-7.9	13.63	0.023	3.000	Pass
			RB50#0	21.39	-5.75	-7.9	13.49	0.022	3.000	Pass
	MCH	QPSK	RB1#0	23.38	-5.75	-7.9	15.48	0.035	3.000	Pass
			RB1#25	23.46	-5.75	-7.9	15.56	0.036	3.000	Pass
			RB1#49	23.44	-5.75	-7.9	15.54	0.036	3.000	Pass
			RB25#0	22.32	-5.75	-7.9	14.42	0.028	3.000	Pass
			RB25#13	22.47	-5.75	-7.9	14.57	0.029	3.000	Pass
			RB25#25	22.33	-5.75	-7.9	14.43	0.028	3.000	Pass
			RB50#0	22.36	-5.75	-7.9	14.46	0.028	3.000	Pass
		16-QAM	RB1#0	22.65	-5.75	-7.9	14.75	0.030	3.000	Pass
			RB1#25	22.8	-5.75	-7.9	14.90	0.031	3.000	Pass
			RB1#49	22.77	-5.75	-7.9	14.87	0.031	3.000	Pass
			RB25#0	21.4	-5.75	-7.9	13.50	0.022	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 12										
			RB25#13	21.56	-5.75	-7.9	13.66	0.023	3.000	Pass
			RB25#25	21.41	-5.75	-7.9	13.51	0.022	3.000	Pass
			RB50#0	21.38	-5.75	-7.9	13.48	0.022	3.000	Pass
	HCH	QPSK	RB1#0	23.41	-5.75	-7.9	15.51	0.036	3.000	Pass
			RB1#25	23.46	-5.75	-7.9	15.56	0.036	3.000	Pass
			RB1#49	23.48	-5.75	-7.9	15.58	0.036	3.000	Pass
			RB25#0	22.38	-5.75	-7.9	14.48	0.028	3.000	Pass
			RB25#13	22.48	-5.75	-7.9	14.58	0.029	3.000	Pass
			RB25#25	22.36	-5.75	-7.9	14.46	0.028	3.000	Pass
			RB50#0	22.45	-5.75	-7.9	14.55	0.029	3.000	Pass
		16-QAM	RB1#0	22.41	-5.75	-7.9	14.51	0.028	3.000	Pass
			RB1#25	22.43	-5.75	-7.9	14.53	0.028	3.000	Pass
			RB1#49	22.34	-5.75	-7.9	14.44	0.028	3.000	Pass
			RB25#0	21.52	-5.75	-7.9	13.62	0.023	3.000	Pass
			RB25#13	21.56	-5.75	-7.9	13.66	0.023	3.000	Pass
			RB25#25	21.51	-5.75	-7.9	13.61	0.023	3.000	Pass
			RB50#0	21.47	-5.75	-7.9	13.57	0.023	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 17										
5 MHz	LCH	QPSK	RB1#0	23.35	-5.75	-7.9	15.45	0.035	3.000	Pass
			RB1#13	23.51	-5.75	-7.9	15.61	0.036	3.000	Pass
			RB1#24	23.41	-5.75	-7.9	15.51	0.036	3.000	Pass
			RB12#0	22.42	-5.75	-7.9	14.52	0.028	3.000	Pass
			RB12#6	22.5	-5.75	-7.9	14.60	0.029	3.000	Pass
			RB12#13	22.43	-5.75	-7.9	14.53	0.028	3.000	Pass
			RB25#0	22.45	-5.75	-7.9	14.55	0.029	3.000	Pass
		16-QAM	RB1#0	22.49	-5.75	-7.9	14.59	0.029	3.000	Pass
			RB1#13	22.66	-5.75	-7.9	14.76	0.030	3.000	Pass
			RB1#24	22.56	-5.75	-7.9	14.66	0.029	3.000	Pass
			RB12#0	21.44	-5.75	-7.9	13.54	0.023	3.000	Pass
			RB12#6	21.53	-5.75	-7.9	13.63	0.023	3.000	Pass
			RB12#13	21.54	-5.75	-7.9	13.64	0.023	3.000	Pass
			RB25#0	21.46	-5.75	-7.9	13.56	0.023	3.000	Pass
	MCH	QPSK	RB1#0	23.38	-5.75	-7.9	15.48	0.035	3.000	Pass
			RB1#13	23.52	-5.75	-7.9	15.62	0.036	3.000	Pass
			RB1#24	23.37	-5.75	-7.9	15.47	0.035	3.000	Pass
			RB12#0	22.37	-5.75	-7.9	14.47	0.028	3.000	Pass
			RB12#6	22.4	-5.75	-7.9	14.50	0.028	3.000	Pass
			RB12#13	22.35	-5.75	-7.9	14.45	0.028	3.000	Pass
			RB25#0	22.38	-5.75	-7.9	14.48	0.028	3.000	Pass
		16-QAM	RB1#0	22.87	-5.75	-7.9	14.97	0.031	3.000	Pass
			RB1#13	22.99	-5.75	-7.9	15.09	0.032	3.000	Pass
			RB1#24	22.84	-5.75	-7.9	14.94	0.031	3.000	Pass
			RB12#0	21.55	-5.75	-7.9	13.65	0.023	3.000	Pass
			RB12#6	21.6	-5.75	-7.9	13.70	0.023	3.000	Pass
			RB12#13	21.55	-5.75	-7.9	13.65	0.023	3.000	Pass
			RB25#0	21.51	-5.75	-7.9	13.61	0.023	3.000	Pass
	HCH	QPSK	RB1#0	23.33	-5.75	-7.9	15.43	0.035	3.000	Pass
			RB1#13	**23.54**	-5.75	-7.9	15.64	0.037	3.000	Pass
			RB1#24	23.4	-5.75	-7.9	15.50	0.035	3.000	Pass
			RB12#0	22.34	-5.75	-7.9	14.44	0.028	3.000	Pass
			RB12#6	22.5	-5.75	-7.9	14.60	0.029	3.000	Pass
			RB12#13	22.41	-5.75	-7.9	14.51	0.028	3.000	Pass
			RB25#0	22.38	-5.75	-7.9	14.48	0.028	3.000	Pass
		16-QAM	RB1#0	22.46	-5.75	-7.9	14.56	0.029	3.000	Pass
			RB1#13	22.59	-5.75	-7.9	14.69	0.029	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 17										
			RB1#24	22.47	-5.75	-7.9	14.57	0.029	3.000	Pass
			RB12#0	21.34	-5.75	-7.9	13.44	0.022	3.000	Pass
			RB12#6	21.49	-5.75	-7.9	13.59	0.023	3.000	Pass
			RB12#13	21.43	-5.75	-7.9	13.53	0.023	3.000	Pass
			RB25#0	21.39	-5.75	-7.9	13.49	0.022	3.000	Pass
10 MHz	LCH	QPSK	RB1#0	23.41	-5.75	-7.9	15.51	0.036	3.000	Pass
			RB1#25	23.49	-5.75	-7.9	15.59	0.036	3.000	Pass
			RB1#49	23.48	-5.75	-7.9	15.58	0.036	3.000	Pass
			RB25#0	22.36	-5.75	-7.9	14.46	0.028	3.000	Pass
			RB25#13	22.46	-5.75	-7.9	14.56	0.029	3.000	Pass
			RB25#25	22.42	-5.75	-7.9	14.52	0.028	3.000	Pass
			RB50#0	22.42	-5.75	-7.9	14.52	0.028	3.000	Pass
		16-QAM	RB1#0	22.3	-5.75	-7.9	14.40	0.028	3.000	Pass
			RB1#25	22.41	-5.75	-7.9	14.51	0.028	3.000	Pass
			RB1#49	22.32	-5.75	-7.9	14.42	0.028	3.000	Pass
			RB25#0	21.41	-5.75	-7.9	13.51	0.022	3.000	Pass
			RB25#13	21.55	-5.75	-7.9	13.65	0.023	3.000	Pass
			RB25#25	21.47	-5.75	-7.9	13.57	0.023	3.000	Pass
			RB50#0	21.4	-5.75	-7.9	13.50	0.022	3.000	Pass
	MCH	QPSK	RB1#0	23.44	-5.75	-7.9	15.54	0.036	3.000	Pass
			RB1#25	23.49	-5.75	-7.9	15.59	0.036	3.000	Pass
			RB1#49	23.47	-5.75	-7.9	15.57	0.036	3.000	Pass
			RB25#0	22.41	-5.75	-7.9	14.51	0.028	3.000	Pass
			RB25#13	22.49	-5.75	-7.9	14.59	0.029	3.000	Pass
			RB25#25	22.46	-5.75	-7.9	14.56	0.029	3.000	Pass
			RB50#0	22.43	-5.75	-7.9	14.53	0.028	3.000	Pass
		16-QAM	RB1#0	22.82	-5.75	-7.9	14.92	0.031	3.000	Pass
			RB1#25	22.82	-5.75	-7.9	14.92	0.031	3.000	Pass
			RB1#49	22.82	-5.75	-7.9	14.92	0.031	3.000	Pass
			RB25#0	21.42	-5.75	-7.9	13.52	0.022	3.000	Pass
			RB25#13	21.52	-5.75	-7.9	13.62	0.023	3.000	Pass
			RB25#25	21.51	-5.75	-7.9	13.61	0.023	3.000	Pass
			RB50#0	21.45	-5.75	-7.9	13.55	0.023	3.000	Pass
	HCH	QPSK	RB1#0	23.5	-5.75	-7.9	15.60	0.036	3.000	Pass
			RB1#25	23.51	-5.75	-7.9	15.61	0.036	3.000	Pass
			RB1#49	23.53	-5.75	-7.9	15.63	0.037	3.000	Pass
			RB25#0	22.39	-5.75	-7.9	14.49	0.028	3.000	Pass
			RB25#13	22.49	-5.75	-7.9	14.59	0.029	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND 17										
			RB25#25	22.47	-5.75	-7.9	14.57	0.029	3.000	Pass
			RB50#0	22.51	-5.75	-7.9	14.61	0.029	3.000	Pass
		16-QAM	RB1#0	22.45	-5.75	-7.9	14.55	0.029	3.000	Pass
			RB1#25	22.46	-5.75	-7.9	14.56	0.029	3.000	Pass
			RB1#49	22.41	-5.75	-7.9	14.51	0.028	3.000	Pass
			RB25#0	21.54	-5.75	-7.9	13.64	0.023	3.000	Pass
			RB25#13	21.63	-5.75	-7.9	13.73	0.024	3.000	Pass
			RB25#25	21.56	-5.75	-7.9	13.66	0.023	3.000	Pass
			RB50#0	21.51	-5.75	-7.9	13.61	0.023	3.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 38									
5 MHz	LCH	QPSK	RB1#0	20.35	-4.06	16.29	0.043	2.000	Pass
			RB1#13	20.42	-4.06	16.36	0.043	2.000	Pass
			RB1#24	20.29	-4.06	16.23	0.042	2.000	Pass
			RB12#0	19.35	-4.06	15.29	0.034	2.000	Pass
			RB12#6	19.39	-4.06	15.33	0.034	2.000	Pass
			RB12#13	19.37	-4.06	15.31	0.034	2.000	Pass
			RB25#0	19.38	-4.06	15.32	0.034	2.000	Pass
		16-QAM	RB1#0	19.78	-4.06	15.72	0.037	2.000	Pass
			RB1#13	19.86	-4.06	15.80	0.038	2.000	Pass
			RB1#24	19.73	-4.06	15.67	0.037	2.000	Pass
			RB12#0	18.48	-4.06	14.42	0.028	2.000	Pass
			RB12#6	18.54	-4.06	14.48	0.028	2.000	Pass
			RB12#13	18.5	-4.06	14.44	0.028	2.000	Pass
			RB25#0	18.45	-4.06	14.39	0.027	2.000	Pass
	MCH	QPSK	RB1#0	20.31	-4.06	16.25	0.042	2.000	Pass
			RB1#13	20.44	-4.06	16.38	0.043	2.000	Pass
			RB1#24	20.33	-4.06	16.27	0.042	2.000	Pass
			RB12#0	19.35	-4.06	15.29	0.034	2.000	Pass
			RB12#6	19.43	-4.06	15.37	0.034	2.000	Pass
			RB12#13	19.4	-4.06	15.34	0.034	2.000	Pass
			RB25#0	19.38	-4.06	15.32	0.034	2.000	Pass
		16-QAM	RB1#0	19.57	-4.06	15.51	0.036	2.000	Pass
			RB1#13	19.71	-4.06	15.65	0.037	2.000	Pass
			RB1#24	19.6	-4.06	15.54	0.036	2.000	Pass
			RB12#0	18.42	-4.06	14.36	0.027	2.000	Pass
			RB12#6	18.51	-4.06	14.45	0.028	2.000	Pass
			RB12#13	18.46	-4.06	14.40	0.028	2.000	Pass
			RB25#0	18.41	-4.06	14.35	0.027	2.000	Pass
	HCH	QPSK	RB1#0	20.29	-4.06	16.23	0.042	2.000	Pass
			RB1#13	20.42	-4.06	16.36	0.043	2.000	Pass
			RB1#24	20.3	-4.06	16.24	0.042	2.000	Pass
			RB12#0	19.35	-4.06	15.29	0.034	2.000	Pass
			RB12#6	19.42	-4.06	15.36	0.034	2.000	Pass
			RB12#13	19.38	-4.06	15.32	0.034	2.000	Pass
			RB25#0	19.39	-4.06	15.33	0.034	2.000	Pass
		16-QAM	RB1#0	19.64	-4.06	15.58	0.036	2.000	Pass
			RB1#13	19.81	-4.06	15.75	0.038	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 38									
			RB1#24	19.64	-4.06	15.58	0.036	2.000	Pass
			RB12#0	18.36	-4.06	14.30	0.027	2.000	Pass
			RB12#6	18.43	-4.06	14.37	0.027	2.000	Pass
			RB12#13	18.39	-4.06	14.33	0.027	2.000	Pass
			RB25#0	18.46	-4.06	14.40	0.028	2.000	Pass
10 MHz	LCH	QPSK	RB1#0	20.41	-4.06	16.35	0.043	2.000	Pass
			RB1#25	20.42	-4.06	16.36	0.043	2.000	Pass
			RB1#49	20.43	-4.06	16.37	0.043	2.000	Pass
			RB25#0	19.37	-4.06	15.31	0.034	2.000	Pass
			RB25#13	19.41	-4.06	15.35	0.034	2.000	Pass
			RB25#25	19.42	-4.06	15.36	0.034	2.000	Pass
			RB50#0	19.41	-4.06	15.35	0.034	2.000	Pass
		16-QAM	RB1#0	19.72	-4.06	15.66	0.037	2.000	Pass
			RB1#25	19.73	-4.06	15.67	0.037	2.000	Pass
			RB1#49	19.78	-4.06	15.72	0.037	2.000	Pass
			RB25#0	18.42	-4.06	14.36	0.027	2.000	Pass
			RB25#13	18.44	-4.06	14.38	0.027	2.000	Pass
			RB25#25	18.47	-4.06	14.41	0.028	2.000	Pass
			RB50#0	18.43	-4.06	14.37	0.027	2.000	Pass
	MCH	QPSK	RB1#0	20.41	-4.06	16.35	0.043	2.000	Pass
			RB1#25	20.49	-4.06	16.43	0.044	2.000	Pass
			RB1#49	20.44	-4.06	16.38	0.043	2.000	Pass
			RB25#0	19.36	-4.06	15.30	0.034	2.000	Pass
			RB25#13	19.45	-4.06	15.39	0.035	2.000	Pass
			RB25#25	19.42	-4.06	15.36	0.034	2.000	Pass
			RB50#0	19.42	-4.06	15.36	0.034	2.000	Pass
		16-QAM	RB1#0	19.89	-4.06	15.83	0.038	2.000	Pass
			RB1#25	19.96	-4.06	15.90	0.039	2.000	Pass
			RB1#49	19.95	-4.06	15.89	0.039	2.000	Pass
			RB25#0	18.4	-4.06	14.34	0.027	2.000	Pass
			RB25#13	18.48	-4.06	14.42	0.028	2.000	Pass
			RB25#25	18.46	-4.06	14.40	0.028	2.000	Pass
			RB50#0	18.42	-4.06	14.36	0.027	2.000	Pass
	HCH	QPSK	RB1#0	20.36	-4.06	16.30	0.043	2.000	Pass
			RB1#25	20.49	-4.06	16.43	0.044	2.000	Pass
			RB1#49	20.45	-4.06	16.39	0.044	2.000	Pass
			RB25#0	19.37	-4.06	15.31	0.034	2.000	Pass
			RB25#13	19.43	-4.06	15.37	0.034	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 38									
			RB25#25	19.38	-4.06	15.32	0.034	2.000	Pass
			RB50#0	19.39	-4.06	15.33	0.034	2.000	Pass
		16-QAM	RB1#0	19.8	-4.06	15.74	0.037	2.000	Pass
			RB1#25	19.89	-4.06	15.83	0.038	2.000	Pass
			RB1#49	19.87	-4.06	15.81	0.038	2.000	Pass
			RB25#0	18.42	-4.06	14.36	0.027	2.000	Pass
			RB25#13	18.51	-4.06	14.45	0.028	2.000	Pass
			RB25#25	18.44	-4.06	14.38	0.027	2.000	Pass
			RB50#0	18.44	-4.06	14.38	0.027	2.000	Pass
15 MHz	LCH	QPSK	RB1#0	20.35	-4.06	16.29	0.043	2.000	Pass
			RB1#38	20.47	-4.06	16.41	0.044	2.000	Pass
			RB1#74	20.39	-4.06	16.33	0.043	2.000	Pass
			RB36#0	19.25	-4.06	15.19	0.033	2.000	Pass
			RB36#19	19.39	-4.06	15.33	0.034	2.000	Pass
			RB36#39	19.37	-4.06	15.31	0.034	2.000	Pass
			RB75#0	19.37	-4.06	15.31	0.034	2.000	Pass
		16-QAM	RB1#0	19.66	-4.06	15.60	0.036	2.000	Pass
			RB1#38	19.77	-4.06	15.71	0.037	2.000	Pass
			RB1#74	19.71	-4.06	15.65	0.037	2.000	Pass
			RB36#0	18.27	-4.06	14.21	0.026	2.000	Pass
			RB36#19	18.41	-4.06	14.35	0.027	2.000	Pass
			RB36#39	18.42	-4.06	14.36	0.027	2.000	Pass
			RB75#0	18.38	-4.06	14.32	0.027	2.000	Pass
	MCH	QPSK	RB1#0	20.35	-4.06	16.29	0.043	2.000	Pass
			RB1#38	**20.51**	-4.06	16.45	0.044	2.000	Pass
			RB1#74	20.41	-4.06	16.35	0.043	2.000	Pass
			RB36#0	19.3	-4.06	15.24	0.033	2.000	Pass
			RB36#19	19.38	-4.06	15.32	0.034	2.000	Pass
			RB36#39	19.38	-4.06	15.32	0.034	2.000	Pass
			RB75#0	19.38	-4.06	15.32	0.034	2.000	Pass
		16-QAM	RB1#0	19.84	-4.06	15.78	0.038	2.000	Pass
			RB1#38	20	-4.06	15.94	0.039	2.000	Pass
			RB1#74	19.89	-4.06	15.83	0.038	2.000	Pass
			RB36#0	18.3	-4.06	14.24	0.027	2.000	Pass
			RB36#19	18.39	-4.06	14.33	0.027	2.000	Pass
			RB36#39	18.38	-4.06	14.32	0.027	2.000	Pass
			RB75#0	18.37	-4.06	14.31	0.027	2.000	Pass
	HCH	QPSK	RB1#0	20.31	-4.06	16.25	0.042	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 38									
			RB1#38	20.42	-4.06	16.36	0.043	2.000	Pass
			RB1#74	20.37	-4.06	16.31	0.043	2.000	Pass
			RB36#0	19.28	-4.06	15.22	0.033	2.000	Pass
			RB36#19	19.36	-4.06	15.30	0.034	2.000	Pass
			RB36#39	19.33	-4.06	15.27	0.034	2.000	Pass
			RB75#0	19.34	-4.06	15.28	0.034	2.000	Pass
		16-QAM	RB1#0	19.63	-4.06	15.57	0.036	2.000	Pass
			RB1#38	19.82	-4.06	15.76	0.038	2.000	Pass
			RB1#74	19.73	-4.06	15.67	0.037	2.000	Pass
			RB36#0	18.33	-4.06	14.27	0.027	2.000	Pass
			RB36#19	18.38	-4.06	14.32	0.027	2.000	Pass
			RB36#39	18.39	-4.06	14.33	0.027	2.000	Pass
			RB75#0	18.35	-4.06	14.29	0.027	2.000	Pass
20 MHz	LCH	QPSK	RB1#0	20.21	-4.06	16.15	0.041	2.000	Pass
			RB1#50	20.46	-4.06	16.40	0.044	2.000	Pass
			RB1#99	20.32	-4.06	16.26	0.042	2.000	Pass
			RB50#0	19.3	-4.06	15.24	0.033	2.000	Pass
			RB50#25	19.45	-4.06	15.39	0.035	2.000	Pass
			RB50#50	19.45	-4.06	15.39	0.035	2.000	Pass
			RB100#0	19.34	-4.06	15.28	0.034	2.000	Pass
		16-QAM	RB1#0	19.63	-4.06	15.57	0.036	2.000	Pass
			RB1#50	19.82	-4.06	15.76	0.038	2.000	Pass
			RB1#99	19.68	-4.06	15.62	0.036	2.000	Pass
			RB50#0	18.29	-4.06	14.23	0.026	2.000	Pass
			RB50#25	18.45	-4.06	14.39	0.027	2.000	Pass
			RB50#50	18.43	-4.06	14.37	0.027	2.000	Pass
			RB100#0	18.36	-4.06	14.30	0.027	2.000	Pass
	MCH	QPSK	RB1#0	20.2	-4.06	16.14	0.041	2.000	Pass
			RB1#50	20.42	-4.06	16.36	0.043	2.000	Pass
			RB1#99	20.26	-4.06	16.20	0.042	2.000	Pass
			RB50#0	19.31	-4.06	15.25	0.033	2.000	Pass
			RB50#25	19.46	-4.06	15.40	0.035	2.000	Pass
			RB50#50	19.42	-4.06	15.36	0.034	2.000	Pass
			RB100#0	19.36	-4.06	15.30	0.034	2.000	Pass
		16-QAM	RB1#0	19.46	-4.06	15.40	0.035	2.000	Pass
			RB1#50	19.68	-4.06	15.62	0.036	2.000	Pass
			RB1#99	19.56	-4.06	15.50	0.035	2.000	Pass
			RB50#0	18.31	-4.06	14.25	0.027	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 38									
			RB50#25	18.48	-4.06	14.42	0.028	2.000	Pass
			RB50#50	18.45	-4.06	14.39	0.027	2.000	Pass
			RB100#0	18.35	-4.06	14.29	0.027	2.000	Pass
	HCH	QPSK	RB1#0	20.28	-4.06	16.22	0.042	2.000	Pass
			RB1#50	20.5	-4.06	16.44	0.044	2.000	Pass
			RB1#99	20.39	-4.06	16.33	0.043	2.000	Pass
			RB50#0	19.25	-4.06	15.19	0.033	2.000	Pass
			RB50#25	19.42	-4.06	15.36	0.034	2.000	Pass
			RB50#50	19.38	-4.06	15.32	0.034	2.000	Pass
			RB100#0	19.3	-4.06	15.24	0.033	2.000	Pass
		16-QAM	RB1#0	19.65	-4.06	15.59	0.036	2.000	Pass
			RB1#50	19.87	-4.06	15.81	0.038	2.000	Pass
			RB1#99	19.8	-4.06	15.74	0.037	2.000	Pass
			RB50#0	18.33	-4.06	14.27	0.027	2.000	Pass
			RB50#25	18.47	-4.06	14.41	0.028	2.000	Pass
			RB50#50	18.39	-4.06	14.33	0.027	2.000	Pass
			RB100#0	18.29	-4.06	14.23	0.026	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 41(120M)									
5 MHz	LCH	QPSK	RB1#0	20.19	-4.06	16.13	0.041	2.000	Pass
			RB1#13	20.31	-4.06	16.25	0.042	2.000	Pass
			RB1#24	20.2	-4.06	16.14	0.041	2.000	Pass
			RB12#0	19.21	-4.06	15.15	0.033	2.000	Pass
			RB12#6	19.32	-4.06	15.26	0.034	2.000	Pass
			RB12#13	19.31	-4.06	15.25	0.033	2.000	Pass
			RB25#0	19.25	-4.06	15.19	0.033	2.000	Pass
		16-QAM	RB1#0	19.41	-4.06	15.35	0.034	2.000	Pass
			RB1#13	19.58	-4.06	15.52	0.036	2.000	Pass
			RB1#24	19.46	-4.06	15.40	0.035	2.000	Pass
			RB12#0	18.25	-4.06	14.19	0.026	2.000	Pass
			RB12#6	18.37	-4.06	14.31	0.027	2.000	Pass
			RB12#13	18.36	-4.06	14.30	0.027	2.000	Pass
			RB25#0	18.32	-4.06	14.26	0.027	2.000	Pass
	MCH	QPSK	RB1#0	20.24	-4.06	16.18	0.041	2.000	Pass
			RB1#13	20.39	-4.06	16.33	0.043	2.000	Pass
			RB1#24	20.25	-4.06	16.19	0.042	2.000	Pass
			RB12#0	19.3	-4.06	15.24	0.033	2.000	Pass
			RB12#6	19.39	-4.06	15.33	0.034	2.000	Pass
			RB12#13	19.36	-4.06	15.30	0.034	2.000	Pass
			RB25#0	19.35	-4.06	15.29	0.034	2.000	Pass
		16-QAM	RB1#0	19.62	-4.06	15.56	0.036	2.000	Pass
			RB1#13	19.79	-4.06	15.73	0.037	2.000	Pass
			RB1#24	19.62	-4.06	15.56	0.036	2.000	Pass
			RB12#0	18.32	-4.06	14.26	0.027	2.000	Pass
			RB12#6	18.41	-4.06	14.35	0.027	2.000	Pass
			RB12#13	18.38	-4.06	14.32	0.027	2.000	Pass
			RB25#0	18.4	-4.06	14.34	0.027	2.000	Pass
	HCH	QPSK	RB1#0	20.36	-4.06	16.30	0.043	2.000	Pass
			RB1#13	20.56	-4.06	16.50	0.045	2.000	Pass
			RB1#24	20.41	-4.06	16.35	0.043	2.000	Pass
			RB12#0	19.43	-4.06	15.37	0.034	2.000	Pass
			RB12#6	19.48	-4.06	15.42	0.035	2.000	Pass
			RB12#13	19.44	-4.06	15.38	0.035	2.000	Pass
			RB25#0	19.49	-4.06	15.43	0.035	2.000	Pass
		16-QAM	RB1#0	19.79	-4.06	15.73	0.037	2.000	Pass
			RB1#13	19.97	-4.06	15.91	0.039	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 41(120M)									
			RB1#24	19.84	-4.06	15.78	0.038	2.000	Pass
			RB12#0	18.57	-4.06	14.51	0.028	2.000	Pass
			RB12#6	18.62	-4.06	14.56	0.029	2.000	Pass
			RB12#13	18.58	-4.06	14.52	0.028	2.000	Pass
			RB25#0	18.54	-4.06	14.48	0.028	2.000	Pass
10 MHz	LCH	QPSK	RB1#0	20.2	-4.06	16.14	0.041	2.000	Pass
			RB1#25	20.3	-4.06	16.24	0.042	2.000	Pass
			RB1#49	20.28	-4.06	16.22	0.042	2.000	Pass
			RB25#0	19.18	-4.06	15.12	0.033	2.000	Pass
			RB25#13	19.28	-4.06	15.22	0.033	2.000	Pass
			RB25#25	19.37	-4.06	15.31	0.034	2.000	Pass
			RB50#0	19.29	-4.06	15.23	0.033	2.000	Pass
		16-QAM	RB1#0	19.51	-4.06	15.45	0.035	2.000	Pass
			RB1#25	19.59	-4.06	15.53	0.036	2.000	Pass
			RB1#49	19.64	-4.06	15.58	0.036	2.000	Pass
			RB25#0	18.21	-4.06	14.15	0.026	2.000	Pass
			RB25#13	18.34	-4.06	14.28	0.027	2.000	Pass
			RB25#25	18.38	-4.06	14.32	0.027	2.000	Pass
			RB50#0	18.29	-4.06	14.23	0.026	2.000	Pass
	MCH	QPSK	RB1#0	20.36	-4.06	16.30	0.043	2.000	Pass
			RB1#25	20.45	-4.06	16.39	0.044	2.000	Pass
			RB1#49	20.41	-4.06	16.35	0.043	2.000	Pass
			RB25#0	19.32	-4.06	15.26	0.034	2.000	Pass
			RB25#13	19.42	-4.06	15.36	0.034	2.000	Pass
			RB25#25	19.39	-4.06	15.33	0.034	2.000	Pass
			RB50#0	19.37	-4.06	15.31	0.034	2.000	Pass
		16-QAM	RB1#0	19.84	-4.06	15.78	0.038	2.000	Pass
			RB1#25	19.93	-4.06	15.87	0.039	2.000	Pass
			RB1#49	19.91	-4.06	15.85	0.038	2.000	Pass
			RB25#0	18.36	-4.06	14.30	0.027	2.000	Pass
			RB25#13	18.44	-4.06	14.38	0.027	2.000	Pass
			RB25#25	18.42	-4.06	14.36	0.027	2.000	Pass
			RB50#0	18.4	-4.06	14.34	0.027	2.000	Pass
	HCH	QPSK	RB1#0	20.46	-4.06	16.40	0.044	2.000	Pass
			RB1#25	20.54	-4.06	16.48	0.044	2.000	Pass
			RB1#49	20.51	-4.06	16.45	0.044	2.000	Pass
			RB25#0	19.48	-4.06	15.42	0.035	2.000	Pass
			RB25#13	19.49	-4.06	15.43	0.035	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 41(120M)									
			RB25#25	19.44	-4.06	15.38	0.035	2.000	Pass
			RB50#0	19.48	-4.06	15.42	0.035	2.000	Pass
		16-QAM	RB1#0	19.85	-4.06	15.79	0.038	2.000	Pass
			RB1#25	19.95	-4.06	15.89	0.039	2.000	Pass
			RB1#49	19.96	-4.06	15.90	0.039	2.000	Pass
			RB25#0	18.53	-4.06	14.47	0.028	2.000	Pass
			RB25#13	18.54	-4.06	14.48	0.028	2.000	Pass
			RB25#25	18.52	-4.06	14.46	0.028	2.000	Pass
			RB50#0	18.52	-4.06	14.46	0.028	2.000	Pass
15 MHz	LCH	QPSK	RB1#0	20.17	-4.06	16.11	0.041	2.000	Pass
			RB1#38	20.34	-4.06	16.28	0.042	2.000	Pass
			RB1#74	20.26	-4.06	16.20	0.042	2.000	Pass
			RB36#0	19.11	-4.06	15.05	0.032	2.000	Pass
			RB36#19	19.24	-4.06	15.18	0.033	2.000	Pass
			RB36#39	19.32	-4.06	15.26	0.034	2.000	Pass
			RB75#0	19.23	-4.06	15.17	0.033	2.000	Pass
		16-QAM	RB1#0	19.48	-4.06	15.42	0.035	2.000	Pass
			RB1#38	19.66	-4.06	15.60	0.036	2.000	Pass
			RB1#74	19.58	-4.06	15.52	0.036	2.000	Pass
			RB36#0	18.12	-4.06	14.06	0.025	2.000	Pass
			RB36#19	18.28	-4.06	14.22	0.026	2.000	Pass
			RB36#39	18.34	-4.06	14.28	0.027	2.000	Pass
			RB75#0	18.23	-4.06	14.17	0.026	2.000	Pass
	MCH	QPSK	RB1#0	20.31	-4.06	16.25	0.042	2.000	Pass
			RB1#38	20.46	-4.06	16.40	0.044	2.000	Pass
			RB1#74	20.38	-4.06	16.32	0.043	2.000	Pass
			RB36#0	19.25	-4.06	15.19	0.033	2.000	Pass
			RB36#19	19.33	-4.06	15.27	0.034	2.000	Pass
			RB36#39	19.34	-4.06	15.28	0.034	2.000	Pass
			RB75#0	19.33	-4.06	15.27	0.034	2.000	Pass
		16-QAM	RB1#0	19.78	-4.06	15.72	0.037	2.000	Pass
			RB1#38	19.94	-4.06	15.88	0.039	2.000	Pass
			RB1#74	19.88	-4.06	15.82	0.038	2.000	Pass
			RB36#0	18.25	-4.06	14.19	0.026	2.000	Pass
			RB36#19	18.36	-4.06	14.30	0.027	2.000	Pass
			RB36#39	18.36	-4.06	14.30	0.027	2.000	Pass
			RB75#0	18.33	-4.06	14.27	0.027	2.000	Pass
	HCH	QPSK	RB1#0	20.37	-4.06	16.31	0.043	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 41(120M)									
			RB1#38	20.54	-4.06	16.48	0.044	2.000	Pass
			RB1#74	20.48	-4.06	16.42	0.044	2.000	Pass
			RB36#0	19.39	-4.06	15.33	0.034	2.000	Pass
			RB36#19	19.45	-4.06	15.39	0.035	2.000	Pass
			RB36#39	19.44	-4.06	15.38	0.035	2.000	Pass
			RB75#0	19.48	-4.06	15.42	0.035	2.000	Pass
		16-QAM	RB1#0	19.71	-4.06	15.65	0.037	2.000	Pass
			RB1#38	19.88	-4.06	15.82	0.038	2.000	Pass
			RB1#74	19.79	-4.06	15.73	0.037	2.000	Pass
			RB36#0	18.43	-4.06	14.37	0.027	2.000	Pass
			RB36#19	18.51	-4.06	14.45	0.028	2.000	Pass
			RB36#39	18.46	-4.06	14.40	0.028	2.000	Pass
			RB75#0	18.43	-4.06	14.37	0.027	2.000	Pass
20 MHz	LCH	QPSK	RB1#0	20.04	-4.06	15.98	0.040	2.000	Pass
			RB1#50	20.32	-4.06	16.26	0.042	2.000	Pass
			RB1#99	20.18	-4.06	16.12	0.041	2.000	Pass
			RB50#0	19.06	-4.06	15.00	0.032	2.000	Pass
			RB50#25	19.31	-4.06	15.25	0.033	2.000	Pass
			RB50#50	19.37	-4.06	15.31	0.034	2.000	Pass
			RB100#0	19.2	-4.06	15.14	0.033	2.000	Pass
		16-QAM	RB1#0	19.41	-4.06	15.35	0.034	2.000	Pass
			RB1#50	19.68	-4.06	15.62	0.036	2.000	Pass
			RB1#99	19.55	-4.06	15.49	0.035	2.000	Pass
			RB50#0	18.06	-4.06	14.00	0.025	2.000	Pass
			RB50#25	18.29	-4.06	14.23	0.026	2.000	Pass
			RB50#50	18.36	-4.06	14.30	0.027	2.000	Pass
			RB100#0	18.19	-4.06	14.13	0.026	2.000	Pass
	MCH	QPSK	RB1#0	20.1	-4.06	16.04	0.040	2.000	Pass
			RB1#50	20.41	-4.06	16.35	0.043	2.000	Pass
			RB1#99	20.29	-4.06	16.23	0.042	2.000	Pass
			RB50#0	19.24	-4.06	15.18	0.033	2.000	Pass
			RB50#25	19.43	-4.06	15.37	0.034	2.000	Pass
			RB50#50	19.41	-4.06	15.35	0.034	2.000	Pass
			RB100#0	19.32	-4.06	15.26	0.034	2.000	Pass
		16-QAM	RB1#0	19.39	-4.06	15.33	0.034	2.000	Pass
			RB1#50	19.64	-4.06	15.58	0.036	2.000	Pass
			RB1#99	19.57	-4.06	15.51	0.036	2.000	Pass
			RB50#0	18.27	-4.06	14.21	0.026	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 41(120M)									
			RB50#25	18.45	-4.06	14.39	0.027	2.000	Pass
			RB50#50	18.43	-4.06	14.37	0.027	2.000	Pass
			RB100#0	18.33	-4.06	14.27	0.027	2.000	Pass
	HCH	QPSK	RB1#0	20.35	-4.06	16.29	0.043	2.000	Pass
			RB1#50	**20.6**	-4.06	16.54	0.045	2.000	Pass
			RB1#99	20.48	-4.06	16.42	0.044	2.000	Pass
			RB50#0	19.46	-4.06	15.40	0.035	2.000	Pass
			RB50#25	19.5	-4.06	15.44	0.035	2.000	Pass
			RB50#50	19.41	-4.06	15.35	0.034	2.000	Pass
			RB100#0	19.42	-4.06	15.36	0.034	2.000	Pass
		16-QAM	RB1#0	19.71	-4.06	15.65	0.037	2.000	Pass
			RB1#50	19.94	-4.06	15.88	0.039	2.000	Pass
			RB1#99	19.88	-4.06	15.82	0.038	2.000	Pass
			RB50#0	18.5	-4.06	14.44	0.028	2.000	Pass
			RB50#25	18.55	-4.06	14.49	0.028	2.000	Pass
			RB50#50	18.44	-4.06	14.38	0.027	2.000	Pass
			RB100#0	18.44	-4.06	14.38	0.027	2.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 66									
1.4 MHz	LCH	QPSK	RB1#0	18.26	-4.43	13.83	0.024	1.000	Pass
			RB1#3	18.32	-4.43	13.89	0.024	1.000	Pass
			RB1#5	18.28	-4.43	13.85	0.024	1.000	Pass
			RB3#0	18.36	-4.43	13.93	0.025	1.000	Pass
			RB3#2	18.4	-4.43	13.97	0.025	1.000	Pass
			RB3#3	18.37	-4.43	13.94	0.025	1.000	Pass
			RB6#0	17.46	-4.43	13.03	0.020	1.000	Pass
		16-QcAM	RB1#0	17.4	-4.43	12.97	0.020	1.000	Pass
			RB1#3	17.5	-4.43	13.07	0.020	1.000	Pass
			RB1#5	17.4	-4.43	12.97	0.020	1.000	Pass
			RB3#0	17.44	-4.43	13.01	0.020	1.000	Pass
			RB3#2	17.46	-4.43	13.03	0.020	1.000	Pass
			RB3#3	17.47	-4.43	13.04	0.020	1.000	Pass
			RB6#0	16.69	-4.43	12.26	0.017	1.000	Pass
	MCH	QPSK	RB1#0	18.24	-4.43	13.81	0.024	1.000	Pass
			RB1#3	18.32	-4.43	13.89	0.024	1.000	Pass
			RB1#5	18.26	-4.43	13.83	0.024	1.000	Pass
			RB3#0	18.33	-4.43	13.90	0.025	1.000	Pass
			RB3#2	18.39	-4.43	13.96	0.025	1.000	Pass
			RB3#3	18.36	-4.43	13.93	0.025	1.000	Pass
			RB6#0	17.41	-4.43	12.98	0.020	1.000	Pass
		16-QAM	RB1#0	17.65	-4.43	13.22	0.021	1.000	Pass
			RB1#3	17.68	-4.43	13.25	0.021	1.000	Pass
			RB1#5	17.61	-4.43	13.18	0.021	1.000	Pass
			RB3#0	17.52	-4.43	13.09	0.020	1.000	Pass
			RB3#2	17.53	-4.43	13.10	0.020	1.000	Pass
			RB3#3	17.55	-4.43	13.12	0.021	1.000	Pass
			RB6#0	16.41	-4.43	11.98	0.016	1.000	Pass
	HCH	QPSK	RB1#0	18.24	-4.43	13.81	0.024	1.000	Pass
			RB1#3	18.33	-4.43	13.90	0.025	1.000	Pass
			RB1#5	18.25	-4.43	13.82	0.024	1.000	Pass
			RB3#0	18.36	-4.43	13.93	0.025	1.000	Pass
			RB3#2	18.39	-4.43	13.96	0.025	1.000	Pass
			RB3#3	18.39	-4.43	13.96	0.025	1.000	Pass
			RB6#0	17.45	-4.43	13.02	0.020	1.000	Pass
		16-QAM	RB1#0	17.29	-4.43	12.86	0.019	1.000	Pass
			RB1#3	17.37	-4.43	12.94	0.020	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 66									
			RB1#5	17.33	-4.43	12.90	0.019	1.000	Pass
			RB3#0	17.51	-4.43	13.08	0.020	1.000	Pass
			RB3#2	17.55	-4.43	13.12	0.021	1.000	Pass
			RB3#3	17.52	-4.43	13.09	0.020	1.000	Pass
			RB6#0	16.63	-4.43	12.20	0.017	1.000	Pass
3 MHz	LCH	QPSK	RB1#0	18.15	-4.43	13.72	0.024	1.000	Pass
			RB1#7	18.2	-4.43	13.77	0.024	1.000	Pass
			RB1#14	18.13	-4.43	13.70	0.023	1.000	Pass
			RB8#0	17.4	-4.43	12.97	0.020	1.000	Pass
			RB8#4	17.46	-4.43	13.03	0.020	1.000	Pass
			RB8#7	17.35	-4.43	12.92	0.020	1.000	Pass
			RB15#0	17.34	-4.43	12.91	0.020	1.000	Pass
		16-QAM	RB1#0	17.19	-4.43	12.76	0.019	1.000	Pass
			RB1#7	17.25	-4.43	12.82	0.019	1.000	Pass
			RB1#14	17.08	-4.43	12.65	0.018	1.000	Pass
			RB8#0	16.59	-4.43	12.16	0.016	1.000	Pass
			RB8#4	16.65	-4.43	12.22	0.017	1.000	Pass
			RB8#7	16.51	-4.43	12.08	0.016	1.000	Pass
			RB15#0	16.46	-4.43	12.03	0.016	1.000	Pass
	MCH	QPSK	RB1#0	18.17	-4.43	13.74	0.024	1.000	Pass
			RB1#7	18.29	-4.43	13.86	0.024	1.000	Pass
			RB1#14	18.11	-4.43	13.68	0.023	1.000	Pass
			RB8#0	17.41	-4.43	12.98	0.020	1.000	Pass
			RB8#4	17.45	-4.43	13.02	0.020	1.000	Pass
			RB8#7	17.37	-4.43	12.94	0.020	1.000	Pass
			RB15#0	17.32	-4.43	12.89	0.019	1.000	Pass
		16-QAM	RB1#0	17.52	-4.43	13.09	0.020	1.000	Pass
			RB1#7	17.64	-4.43	13.21	0.021	1.000	Pass
			RB1#14	17.54	-4.43	13.11	0.020	1.000	Pass
			RB8#0	16.48	-4.43	12.05	0.016	1.000	Pass
			RB8#4	16.58	-4.43	12.15	0.016	1.000	Pass
			RB8#7	16.49	-4.43	12.06	0.016	1.000	Pass
			RB15#0	16.39	-4.43	11.96	0.016	1.000	Pass
	HCH	QPSK	RB1#0	18.14	-4.43	13.71	0.023	1.000	Pass
			RB1#7	18.27	-4.43	13.84	0.024	1.000	Pass
			RB1#14	18.15	-4.43	13.72	0.024	1.000	Pass
			RB8#0	17.38	-4.43	12.95	0.020	1.000	Pass
			RB8#4	17.47	-4.43	13.04	0.020	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 66									
			RB8#7	17.37	-4.43	12.94	0.020	1.000	Pass
			RB15#0	17.39	-4.43	12.96	0.020	1.000	Pass
		16-QAM	RB1#0	17.28	-4.43	12.85	0.019	1.000	Pass
			RB1#7	17.3	-4.43	12.87	0.019	1.000	Pass
			RB1#14	17.25	-4.43	12.82	0.019	1.000	Pass
			RB8#0	16.41	-4.43	11.98	0.016	1.000	Pass
			RB8#4	16.47	-4.43	12.04	0.016	1.000	Pass
			RB8#7	16.41	-4.43	11.98	0.016	1.000	Pass
			RB15#0	16.31	-4.43	11.88	0.015	1.000	Pass
5 MHz	LCH	QPSK	RB1#0	18.46	-4.43	14.03	0.025	1.000	Pass
			RB1#13	18.57	-4.43	14.14	0.026	1.000	Pass
			RB1#24	18.47	-4.43	14.04	0.025	1.000	Pass
			RB12#0	17.39	-4.43	12.96	0.020	1.000	Pass
			RB12#6	17.47	-4.43	13.04	0.020	1.000	Pass
			RB12#13	17.45	-4.43	13.02	0.020	1.000	Pass
			RB25#0	17.46	-4.43	13.03	0.020	1.000	Pass
		16-QAM	RB1#0	17.6	-4.43	13.17	0.021	1.000	Pass
			RB1#13	17.76	-4.43	13.33	0.022	1.000	Pass
			RB1#24	17.64	-4.43	13.21	0.021	1.000	Pass
			RB12#0	16.5	-4.43	12.07	0.016	1.000	Pass
			RB12#6	16.61	-4.43	12.18	0.017	1.000	Pass
			RB12#13	16.6	-4.43	12.17	0.016	1.000	Pass
			RB25#0	16.54	-4.43	12.11	0.016	1.000	Pass
	MCH	QPSK	RB1#0	18.44	-4.43	14.01	0.025	1.000	Pass
			RB1#13	18.57	-4.43	14.14	0.026	1.000	Pass
			RB1#24	18.44	-4.43	14.01	0.025	1.000	Pass
			RB12#0	17.37	-4.43	12.94	0.020	1.000	Pass
			RB12#6	17.51	-4.43	13.08	0.020	1.000	Pass
			RB12#13	17.42	-4.43	12.99	0.020	1.000	Pass
			RB25#0	17.44	-4.43	13.01	0.020	1.000	Pass
		16-QAM	RB1#0	17.89	-4.43	13.46	0.022	1.000	Pass
			RB1#13	18.04	-4.43	13.61	0.023	1.000	Pass
			RB1#24	17.91	-4.43	13.48	0.022	1.000	Pass
			RB12#0	16.59	-4.43	12.16	0.016	1.000	Pass
			RB12#6	16.67	-4.43	12.24	0.017	1.000	Pass
			RB12#13	16.62	-4.43	12.19	0.017	1.000	Pass
			RB25#0	16.58	-4.43	12.15	0.016	1.000	Pass
	HCH	QPSK	RB1#0	18.41	-4.43	13.98	0.025	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 66									
			RB1#13	18.57	-4.43	14.14	0.026	1.000	Pass
			RB1#24	18.41	-4.43	13.98	0.025	1.000	Pass
			RB12#0	17.41	-4.43	12.98	0.020	1.000	Pass
			RB12#6	17.49	-4.43	13.06	0.020	1.000	Pass
			RB12#13	17.44	-4.43	13.01	0.020	1.000	Pass
			RB25#0	17.46	-4.43	13.03	0.020	1.000	Pass
		16-QAM	RB1#0	17.54	-4.43	13.11	0.020	1.000	Pass
			RB1#13	17.66	-4.43	13.23	0.021	1.000	Pass
			RB1#24	17.6	-4.43	13.17	0.021	1.000	Pass
			RB12#0	16.5	-4.43	12.07	0.016	1.000	Pass
			RB12#6	16.52	-4.43	12.09	0.016	1.000	Pass
			RB12#13	16.48	-4.43	12.05	0.016	1.000	Pass
			RB25#0	16.4	-4.43	11.97	0.016	1.000	Pass
10 MHz	LCH	QPSK	RB1#0	18.5	-4.43	14.07	0.026	1.000	Pass
			RB1#25	18.49	-4.43	14.06	0.025	1.000	Pass
			RB1#49	18.49	-4.43	14.06	0.025	1.000	Pass
			RB25#0	17.33	-4.43	12.90	0.019	1.000	Pass
			RB25#13	17.48	-4.43	13.05	0.020	1.000	Pass
			RB25#25	17.51	-4.43	13.08	0.020	1.000	Pass
			RB50#0	17.43	-4.43	13.00	0.020	1.000	Pass
		16-QAM	RB1#0	17.5	-4.43	13.07	0.020	1.000	Pass
			RB1#25	17.48	-4.43	13.05	0.020	1.000	Pass
			RB1#49	17.46	-4.43	13.03	0.020	1.000	Pass
			RB25#0	16.45	-4.43	12.02	0.016	1.000	Pass
			RB25#13	16.59	-4.43	12.16	0.016	1.000	Pass
			RB25#25	16.59	-4.43	12.16	0.016	1.000	Pass
			RB50#0	16.44	-4.43	12.01	0.016	1.000	Pass
	MCH	QPSK	RB1#0	18.47	-4.43	14.04	0.025	1.000	Pass
			RB1#25	18.52	-4.43	14.09	0.026	1.000	Pass
			RB1#49	18.54	-4.43	14.11	0.026	1.000	Pass
			RB25#0	17.41	-4.43	12.98	0.020	1.000	Pass
			RB25#13	17.5	-4.43	13.07	0.020	1.000	Pass
			RB25#25	17.47	-4.43	13.04	0.020	1.000	Pass
			RB50#0	17.46	-4.43	13.03	0.020	1.000	Pass
		16-QAM	RB1#0	17.82	-4.43	13.39	0.022	1.000	Pass
			RB1#25	17.91	-4.43	13.48	0.022	1.000	Pass
			RB1#49	17.91	-4.43	13.48	0.022	1.000	Pass
			RB25#0	16.53	-4.43	12.10	0.016	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 66									
			RB25#13	16.57	-4.43	12.14	0.016	1.000	Pass
			RB25#25	16.59	-4.43	12.16	0.016	1.000	Pass
			RB50#0	16.51	-4.43	12.08	0.016	1.000	Pass
	HCH	QPSK	RB1#0	18.47	-4.43	14.04	0.025	1.000	Pass
			RB1#25	18.52	-4.43	14.09	0.026	1.000	Pass
			RB1#49	18.5	-4.43	14.07	0.026	1.000	Pass
			RB25#0	17.46	-4.43	13.03	0.020	1.000	Pass
			RB25#13	17.48	-4.43	13.05	0.020	1.000	Pass
			RB25#25	17.44	-4.43	13.01	0.020	1.000	Pass
			RB50#0	17.48	-4.43	13.05	0.020	1.000	Pass
		16-QAM	RB1#0	17.53	-4.43	13.10	0.020	1.000	Pass
			RB1#25	17.57	-4.43	13.14	0.021	1.000	Pass
			RB1#49	17.54	-4.43	13.11	0.020	1.000	Pass
			RB25#0	16.53	-4.43	12.10	0.016	1.000	Pass
			RB25#13	16.58	-4.43	12.15	0.016	1.000	Pass
			RB25#25	16.54	-4.43	12.11	0.016	1.000	Pass
			RB50#0	16.43	-4.43	12.00	0.016	1.000	Pass
15 MHz	LCH	QPSK	RB1#0	18.39	-4.43	13.96	0.025	1.000	Pass
			RB1#38	18.57	-4.43	14.14	0.026	1.000	Pass
			RB1#74	18.49	-4.43	14.06	0.025	1.000	Pass
			RB36#0	17.37	-4.43	12.94	0.020	1.000	Pass
			RB36#19	17.46	-4.43	13.03	0.020	1.000	Pass
			RB36#39	17.57	-4.43	13.14	0.021	1.000	Pass
			RB75#0	17.5	-4.43	13.07	0.020	1.000	Pass
		16-QAM	RB1#0	17.38	-4.43	12.95	0.020	1.000	Pass
			RB1#38	17.54	-4.43	13.11	0.020	1.000	Pass
			RB1#74	17.46	-4.43	13.03	0.020	1.000	Pass
			RB36#0	16.41	-4.43	11.98	0.016	1.000	Pass
			RB36#19	16.53	-4.43	12.10	0.016	1.000	Pass
			RB36#39	16.59	-4.43	12.16	0.016	1.000	Pass
			RB75#0	16.5	-4.43	12.07	0.016	1.000	Pass
	MCH	QPSK	RB1#0	18.45	-4.43	14.02	0.025	1.000	Pass
			RB1#38	18.58	-4.43	14.15	0.026	1.000	Pass
			RB1#74	18.48	-4.43	14.05	0.025	1.000	Pass
			RB36#0	17.43	-4.43	13.00	0.020	1.000	Pass
			RB36#19	17.5	-4.43	13.07	0.020	1.000	Pass
			RB36#39	17.48	-4.43	13.05	0.020	1.000	Pass
			RB75#0	17.48	-4.43	13.05	0.020	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 66									
			RB1#0	17.79	-4.43	13.36	0.022	1.000	Pass
			RB1#38	17.88	-4.43	13.45	0.022	1.000	Pass
			RB1#74	17.83	-4.43	13.40	0.022	1.000	Pass
		16-QAM	RB36#0	16.54	-4.43	12.11	0.016	1.000	Pass
			RB36#19	16.59	-4.43	12.16	0.016	1.000	Pass
			RB36#39	16.58	-4.43	12.15	0.016	1.000	Pass
			RB75#0	16.54	-4.43	12.11	0.016	1.000	Pass
			RB1#0	18.43	-4.43	14.00	0.025	1.000	Pass
			RB1#38	18.55	-4.43	14.12	0.026	1.000	Pass
			RB1#74	18.49	-4.43	14.06	0.025	1.000	Pass
		QPSK	RB36#0	17.47	-4.43	13.04	0.020	1.000	Pass
			RB36#19	17.52	-4.43	13.09	0.020	1.000	Pass
			RB36#39	17.5	-4.43	13.07	0.020	1.000	Pass
	HCH		RB75#0	17.48	-4.43	13.05	0.020	1.000	Pass
			RB1#0	17.9	-4.43	13.47	0.022	1.000	Pass
			RB1#38	18	-4.43	13.57	0.023	1.000	Pass
			RB1#74	17.91	-4.43	13.48	0.022	1.000	Pass
		16-QAM	RB36#0	16.44	-4.43	12.01	0.016	1.000	Pass
			RB36#19	16.47	-4.43	12.04	0.016	1.000	Pass
			RB36#39	16.44	-4.43	12.01	0.016	1.000	Pass
			RB75#0	16.43	-4.43	12.00	0.016	1.000	Pass
			RB1#0	18.35	-4.43	13.92	0.025	1.000	Pass
			RB1#50	18.56	-4.43	14.13	0.026	1.000	Pass
			RB1#99	18.49	-4.43	14.06	0.025	1.000	Pass
		QPSK	RB50#0	17.31	-4.43	12.88	0.019	1.000	Pass
			RB50#25	17.55	-4.43	13.12	0.021	1.000	Pass
			RB50#50	17.51	-4.43	13.08	0.020	1.000	Pass
	LCH		RB100#0	17.44	-4.43	13.01	0.020	1.000	Pass
			RB1#0	17.82	-4.43	13.39	0.022	1.000	Pass
			RB1#50	18.05	-4.43	13.62	0.023	1.000	Pass
			RB1#99	17.96	-4.43	13.53	0.023	1.000	Pass
20 MHz		16-QAM	RB50#0	16.37	-4.43	11.94	0.016	1.000	Pass
			RB50#25	16.58	-4.43	12.15	0.016	1.000	Pass
			RB50#50	16.6	-4.43	12.17	0.016	1.000	Pass
			RB100#0	16.53	-4.43	12.10	0.016	1.000	Pass
			RB1#0	18.37	-4.43	13.94	0.025	1.000	Pass
	MCH	QPSK	RB1#50	**18.59**	-4.43	14.16	0.026	1.000	Pass
			RB1#99	18.5	-4.43	14.07	0.026	1.000	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND 66									
			RB50#0	17.45	-4.43	13.02	0.020	1.000	Pass
			RB50#25	17.51	-4.43	13.08	0.020	1.000	Pass
			RB50#50	17.53	-4.43	13.10	0.020	1.000	Pass
			RB100#0	17.46	-4.43	13.03	0.020	1.000	Pass
		16-QAM	RB1#0	17.81	-4.43	13.38	0.022	1.000	Pass
			RB1#50	18.06	-4.43	13.63	0.023	1.000	Pass
			RB1#99	17.92	-4.43	13.49	0.022	1.000	Pass
			RB50#0	16.52	-4.43	12.09	0.016	1.000	Pass
			RB50#25	16.57	-4.43	12.14	0.016	1.000	Pass
			RB50#50	16.55	-4.43	12.12	0.016	1.000	Pass
			RB100#0	16.48	-4.43	12.05	0.016	1.000	Pass
	HCH	QPSK	RB1#0	18.29	-4.43	13.86	0.024	1.000	Pass
			RB1#50	18.54	-4.43	14.11	0.026	1.000	Pass
			RB1#99	18.35	-4.43	13.92	0.025	1.000	Pass
			RB50#0	17.46	-4.43	13.03	0.020	1.000	Pass
			RB50#25	17.54	-4.43	13.11	0.020	1.000	Pass
			RB50#50	17.48	-4.43	13.05	0.020	1.000	Pass
			RB100#0	17.46	-4.43	13.03	0.020	1.000	Pass
		16-QAM	RB1#0	17.73	-4.43	13.30	0.021	1.000	Pass
			RB1#50	17.98	-4.43	13.55	0.023	1.000	Pass
			RB1#99	17.8	-4.43	13.37	0.022	1.000	Pass
			RB50#0	16.39	-4.43	11.96	0.016	1.000	Pass
			RB50#25	16.49	-4.43	12.06	0.016	1.000	Pass
			RB50#50	16.43	-4.43	12.00	0.016	1.000	Pass
			RB100#0	16.42	-4.43	11.99	0.016	1.000	Pass

Modulation	UL RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
			LCH	MCH	HCH		LCH	MCH	HCH	
CA_2C										
20MHz+5MHz										
QPSK	1	0	16.58	16.56	16.63	-4.43	0.016	0.016	0.017	2.000
	Half	0	14.68	14.65	14.73	-4.43	0.011	0.011	0.011	2.000
	Full	0	14.74	14.76	14.74	-4.43	0.011	0.011	0.011	2.000
	1	1	19.53	19.55	19.48	-4.43	0.032	0.033	0.032	2.000
	Full	Full	16.69	16.55	16.46	-4.43	0.017	0.016	0.016	2.000
16-QAM	1	0	15.3	15.56	15.57	-4.43	0.012	0.013	0.013	2.000
	Half	0	13.67	13.76	13.71	-4.43	0.008	0.009	0.008	2.000
	Full	0	13.79	13.74	13.73	-4.43	0.009	0.009	0.009	2.000
	1	1	18.3	18.62	18.61	-4.43	0.024	0.026	0.026	2.000
	Full	Full	15.7	15.54	15.47	-4.43	0.013	0.013	0.013	2.000
20MHz+20MHz										
QPSK	1	0	16.23	16.18	16.25	-4.43	0.015	0.015	0.015	2.000
	Half	0	15.41	15.41	15.44	-4.43	0.013	0.013	0.013	2.000
	Full	0	15.59	15.43	15.56	-4.43	0.013	0.013	0.013	2.000
	1	1	19.62	19.65	19.59	-4.43	0.033	0.033	0.033	2.000
	Full	Full	16.29	16.26	16.27	-4.43	0.015	0.015	0.015	2.000
16-QAM	1	0	14.92	15.17	15.29	-4.43	0.011	0.012	0.012	2.000
	Half	0	14.41	14.54	14.45	-4.43	0.010	0.010	0.010	2.000
	Full	0	14.6	14.48	14.6	-4.43	0.010	0.010	0.010	2.000
	1	1	18.41	18.73	18.68	-4.43	0.025	0.027	0.027	2.000
	Full	Full	15.3	15.28	15.27	-4.43	0.012	0.012	0.012	2.000
5MHz+20MHz										
QPSK	1	1	19.38	19.49	19.48	-4.43	0.031	0.032	0.032	2.000
	Full	Full	16.4	16.3	16.54	-4.43	0.016	0.015	0.016	2.000
16-QAM	1	1	18.53	18.26	18.69	-4.43	0.026	0.024	0.027	2.000
	Full	Full	15.39	15.34	15.48	-4.43	0.012	0.012	0.013	2.000
10MHz+15MHz										
QPSK	1	1	19.51	19.68	19.65	-4.43	0.032	0.033	0.033	2.000
	Full	Full	16.58	16.58	16.63	-4.43	0.016	0.016	0.017	2.000
16-QAM	1	1	18.54	18.52	18.26	-4.43	0.026	0.026	0.024	2.000
	Full	Full	15.55	15.55	15.59	-4.43	0.013	0.013	0.013	2.000
15MHz+10MHz										
QPSK	1	1	19.59	19.72	19.52	-4.43	0.033	0.034	0.032	2.000
	Full	Full	16.69	16.72	16.59	-4.43	0.017	0.017	0.016	2.000
16-QAM	1	1	18.6	18.56	18.7	-4.43	0.026	0.026	0.027	2.000
	Full	Full	15.64	15.71	15.56	-4.43	0.013	0.013	0.013	2.000
10MHz+20MHz										

Modulation	UL RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
			LCH	MCH	HCH		LCH	MCH	HCH	
CA_2C										
QPSK	1	1	19.5	19.62	19.6	-4.43	0.032	0.033	0.033	2.000
	Full	Full	16.51	16.47	16.72	-4.43	0.016	0.016	0.017	2.000
16-QAM	1	1	18.53	18.47	18.24	-4.43	0.026	0.025	0.024	2.000
	Full	Full	15.51	15.48	15.72	-4.43	0.013	0.013	0.013	2.000
20MHz+10MHz										
QPSK	1	1	19.59	19.63	19.55	-4.43	0.033	0.033	0.033	2.000
	Full	Full	16.85	16.74	16.55	-4.43	0.017	0.017	0.016	2.000
16-QAM	1	1	18.35	18.69	18.67	-4.43	0.025	0.027	0.027	2.000
	Full	Full	15.87	15.71	15.58	-4.43	0.014	0.013	0.013	2.000
15MHz+15MHz										
QPSK	1	1	19.6	19.21	19.5	-4.43	0.033	0.030	0.032	2.000
	Full	Full	16.33	15.93	16.18	-4.43	0.015	0.014	0.015	2.000
16-QAM	1	1	18.65	19.27	19.53	-4.43	0.026	0.030	0.032	2.000
	Full	Full	15.28	14.88	15.17	-4.43	0.012	0.011	0.012	2.000
15MHz+20MHz										
QPSK	1	1	19.42	19.31	19.35	-4.43	0.032	0.031	0.031	2.000
	Full	Full	16.04	16.13	16.28	-4.43	0.014	0.015	0.015	2.000
16-QAM	1	1	18.29	18.48	18.35	-4.43	0.024	0.025	0.025	2.000
	Full	Full	15.04	15.08	15.23	-4.43	0.012	0.012	0.012	2.000
20MHz+15MHz										
QPSK	1	1	19.39	19.41	19.44	-4.43	0.031	0.031	0.032	2.000
	Full	Full	16.3	16.2	16.25	-4.43	0.015	0.015	0.015	2.000
16-QAM	1	1	18.14	18.51	18.55	-4.43	0.023	0.026	0.026	2.000
	Full	Full	15.24	15.18	15.3	-4.43	0.012	0.012	0.012	2.000

Modulation	UL RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
			LCH	MCH	HCH		LCH	MCH	HCH	
CA_5B										
5MHz+3MHz										
QPSK	1	0	23.29	23.34	23.32	-5.83	0.056	0.056	0.056	7.000
	Half	0	23.31	23.22	23.21	-5.83	0.056	0.055	0.055	7.000
	Full	0	23.34	23.29	23.22	-5.83	0.056	0.056	0.055	7.000
	1	1	25.94	25.91	25.88	-5.83	0.103	0.102	0.101	7.000
	Full	Full	25.15	25.04	25.03	-5.83	0.086	0.083	0.083	7.000
16-QAM	1	0	23.35	23.01	23.36	-5.83	0.056	0.052	0.057	7.000
	Half	0	23.23	23.18	23.23	-5.83	0.055	0.054	0.055	7.000
	Full	0	23.3	23.28	23.15	-5.83	0.056	0.056	0.054	7.000
	1	1	26	25.62	25.95	-5.83	0.104	0.095	0.103	7.000
	Full	Full	25.04	25.06	24.86	-5.83	0.083	0.084	0.080	7.000
10MHz+10MHz										
QPSK	1	0	23.08	23.09	23.2	-5.83	0.053	0.053	0.055	7.000
	Half	0	22.14	22.16	22.16	-5.83	0.043	0.043	0.043	7.000
	Full	0	22.23	22.23	22.15	-5.83	0.044	0.044	0.043	7.000
	1	1	26.08	26.19	26.15	-5.83	0.106	0.109	0.108	7.000
	Full	Full	22.93	22.91	22.88	-5.83	0.051	0.051	0.051	7.000
16-QAM	1	0	22.08	22.01	21.85	-5.83	0.042	0.041	0.040	7.000
	Half	0	21.16	21.22	21.16	-5.83	0.034	0.035	0.034	7.000
	Full	0	21.28	21.27	21.22	-5.83	0.035	0.035	0.035	7.000
	1	1	25.09	25.01	24.78	-5.83	0.084	0.083	0.079	7.000
	Full	Full	21.94	21.88	21.9	-5.83	0.041	0.040	0.040	7.000
3MHz+5MHz										
QPSK	1	1	25.95	25.98	25.93	-5.83	0.103	0.104	0.102	7.000
	Full	Full	25.11	25.06	25.05	-5.83	0.085	0.084	0.084	7.000
16-QAM	1	1	25.87	25.75	25.46	-5.83	0.101	0.098	0.092	7.000
	Full	Full	25.09	24.97	24.93	-5.83	0.084	0.082	0.081	7.000
5MHz+10MHz										
QPSK	1	1	26.07	26.09	26.07	-5.83	0.106	0.106	0.106	7.000
	Full	Full	23.24	23.24	23.26	-5.83	0.055	0.055	0.055	7.000
16-QAM	1	1	25.25	24.87	25.26	-5.83	0.087	0.080	0.088	7.000
	Full	Full	22.23	22.24	22.19	-5.83	0.044	0.044	0.043	7.000
10MHz+5MHz										
QPSK	1	1	26.04	26.12	26.1	-5.83	0.105	0.107	0.106	7.000
	Full	Full	23.35	23.26	23.2	-5.83	0.056	0.055	0.055	7.000
16-QAM	1	1	25.08	24.93	24.71	-5.83	0.084	0.081	0.077	7.000
	Full	Full	22.34	22.27	22.13	-5.83	0.045	0.044	0.043	7.000

Modulation	UL RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
			LCH	MCH	HCH		LCH	MCH	HCH	
CA_7C										
20MHz+10MHz										
QPSK	1	0	17.8	17.71	17.97	-4.06	0.024	0.023	0.025	2.000
	Half	0	16.74	16.91	17.06	-4.06	0.019	0.019	0.020	2.000
	Full	0	15.78	16.07	16.21	-4.06	0.015	0.016	0.016	2.000
	1	1	20.88	21.1	21.3	-4.06	0.048	0.051	0.053	2.000
	Full	Full	17.99	18.07	18.44	-4.06	0.025	0.025	0.027	2.000
16-QAM	1	0	16.52	16.63	16.91	-4.06	0.018	0.018	0.019	2.000
	Half	0	15.71	15.96	16.07	-4.06	0.015	0.015	0.016	2.000
	Full	0	14.77	15.06	15.23	-4.06	0.012	0.013	0.013	2.000
	1	1	19.67	20.2	20.42	-4.06	0.036	0.041	0.043	2.000
	Full	Full	17.04	17.06	17.48	-4.06	0.020	0.020	0.022	2.000
20MHz+20MHz										
QPSK	1	0	17.54	17.4	17.62	-4.06	0.022	0.022	0.023	2.000
	Half	0	16.54	16.66	16.86	-4.06	0.018	0.018	0.019	2.000
	Full	0	16.55	16.9	17.02	-4.06	0.018	0.019	0.020	2.000
	1	1	20.95	21.1	21.27	-4.06	0.049	0.051	0.053	2.000
	Full	Full	17.49	17.73	17.87	-4.06	0.022	0.023	0.024	2.000
16-QAM	1	0	16.26	16.34	16.58	-4.06	0.017	0.017	0.018	2.000
	Half	0	15.54	15.71	15.83	-4.06	0.014	0.015	0.015	2.000
	Full	0	15.52	15.9	16.01	-4.06	0.014	0.015	0.016	2.000
	1	1	19.71	20.19	20.38	-4.06	0.037	0.041	0.043	2.000
	Full	Full	16.52	16.73	16.89	-4.06	0.018	0.018	0.019	2.000
10MHz+20MHz										
QPSK	1	1	20.76	21.04	21.29	-4.06	0.047	0.050	0.053	2.000
	Full	Full	17.61	18.03	18.04	-4.06	0.023	0.025	0.025	2.000
16-QAM	1	1	19.74	19.91	19.89	-4.06	0.037	0.038	0.038	2.000
	Full	Full	16.62	17.04	17.07	-4.06	0.018	0.020	0.020	2.000
15MHz+15MHz										
QPSK	1	1	20.84	21.13	21.28	-4.06	0.048	0.051	0.053	2.000
	Full	Full	17.6	17.72	17.96	-4.06	0.023	0.023	0.025	2.000
16-QAM	1	1	19.86	19.96	20.47	-4.06	0.038	0.039	0.044	2.000
	Full	Full	16.58	16.74	16.91	-4.06	0.018	0.019	0.019	2.000
15MHz+20MHz										
QPSK	1	1	20.84	21.14	21.21	-4.06	0.048	0.051	0.052	2.000
	Full	Full	17.56	17.84	17.92	-4.06	0.022	0.024	0.024	2.000
16-QAM	1	1	19.86	19.98	20.44	-4.06	0.038	0.039	0.043	2.000
	Full	Full	16.54	16.85	16.91	-4.06	0.018	0.019	0.019	2.000
20MHz+15MHz										

Modulation	UL RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
			LCH	MCH	HCH		LCH	MCH	HCH	
CA_7C										
QPSK	1	1	20.94	21.15	21.33	-4.06	0.049	0.051	0.053	2.000
	Full	Full	17.74	17.84	18.13	-4.06	0.023	0.024	0.026	2.000
16-QAM	1	1	19.73	20.24	20.45	-4.06	0.037	0.041	0.044	2.000
	Full	Full	16.71	16.84	17.19	-4.06	0.018	0.019	0.021	2.000

Modulation	UL RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
			LCH	MCH	HCH		LCH	MCH	HCH	
CA_38C										
15MHz+15MHz										
QPSK	1	0	18.36	18.39	18.32	-4.06	0.027	0.027	0.027	7.000
	Half	0	17.51	17.5	17.47	-4.06	0.022	0.022	0.022	7.000
	Full	0	17.59	17.6	17.53	-4.06	0.023	0.023	0.022	7.000
	1	1	21.65	21.73	21.61	-4.06	0.057	0.058	0.057	7.000
	Full	Full	18.28	18.28	18.28	-4.06	0.026	0.026	0.026	7.000
16-QAM	1	0	17.39	17.32	17.53	-4.06	0.022	0.021	0.022	7.000
	Half	0	16.51	16.36	16.49	-4.06	0.018	0.017	0.017	7.000
	Full	0	16.49	16.5	16.51	-4.06	0.017	0.018	0.018	7.000
	1	1	20.68	20.55	20.79	-4.06	0.046	0.045	0.047	7.000
	Full	Full	17.25	17.23	17.26	-4.06	0.021	0.021	0.021	7.000
20MHz+20MHz										
QPSK	1	0	18.23	18.17	18.22	-4.06	0.026	0.026	0.026	7.000
	Half	0	17.37	17.37	17.29	-4.06	0.021	0.021	0.021	7.000
	Full	0	17.46	17.44	17.4	-4.06	0.022	0.022	0.022	7.000
	1	1	21.68	21.68	21.6	-4.06	0.058	0.058	0.057	7.000
	Full	Full	18.23	18.22	18.22	-4.06	0.026	0.026	0.026	7.000
16-QAM	1	0	16.98	17.13	17.19	-4.06	0.020	0.020	0.021	7.000
	Half	0	16.32	16.42	16.31	-4.06	0.017	0.017	0.017	7.000
	Full	0	16.45	16.43	16.42	-4.06	0.017	0.017	0.017	7.000
	1	1	20.45	20.77	20.7	-4.06	0.044	0.047	0.046	7.000
	Full	Full	17.22	17.2	17.21	-4.06	0.021	0.021	0.021	7.000

Modulation	UL RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
			LCH	MCH	HCH		LCH	MCH	HCH	
CA_41C										
20MHz+5MHz										
QPSK	1	0	18.89	18.51	18.66	-4.06	0.030	0.028	0.029	2.000
	Half	0	16.83	16.57	16.72	-4.06	0.019	0.018	0.018	2.000
	Full	0	16.85	16.64	16.75	-4.06	0.019	0.018	0.019	2.000
	1	1	21.79	21.57	21.63	-4.06	0.059	0.056	0.057	2.000
	Full	Full	18.87	18.5	18.56	-4.06	0.030	0.028	0.028	2.000
16-QAM	1	0	17.6	17.46	17.64	-4.06	0.023	0.022	0.023	2.000
	Half	0	15.79	15.63	15.71	-4.06	0.015	0.014	0.015	2.000
	Full	0	15.82	15.64	15.77	-4.06	0.015	0.014	0.015	2.000
	1	1	20.54	20.63	20.79	-4.06	0.044	0.045	0.047	2.000
	Full	Full	17.87	17.45	17.61	-4.06	0.024	0.022	0.023	2.000
20MHz+20MHz										
QPSK	1	0	18.5	18.18	18.19	-4.06	0.028	0.026	0.026	2.000
	Half	0	17.51	17.37	17.43	-4.06	0.022	0.021	0.022	2.000
	Full	0	17.51	17.41	17.67	-4.06	0.022	0.022	0.023	2.000
	1	1	21.89	21.64	21.78	-4.06	0.061	0.057	0.059	2.000
	Full	Full	18.4	18.2	18.32	-4.06	0.027	0.026	0.027	2.000
16-QAM	1	0	17.2	17.12	17.25	-4.06	0.021	0.020	0.021	2.000
	Half	0	16.47	16.45	16.42	-4.06	0.017	0.017	0.017	2.000
	Full	0	16.5	16.46	16.67	-4.06	0.018	0.017	0.018	2.000
	1	1	20.68	20.75	20.9	-4.06	0.046	0.047	0.048	2.000
	Full	Full	17.36	17.18	17.33	-4.06	0.021	0.021	0.021	2.000
5MHz+20MHz										
QPSK	1	1	21.71	21.51	21.67	-4.06	0.058	0.056	0.058	2.000
	Full	Full	18.33	18.25	18.49	-4.06	0.027	0.026	0.028	2.000
16-QAM	1	1	20.89	20.3	20.88	-4.06	0.048	0.042	0.048	2.000
	Full	Full	17.32	17.28	17.4	-4.06	0.021	0.021	0.022	2.000
10MHz+15MHz										
QPSK	1	1	21.8	21.65	21.8	-4.06	0.059	0.057	0.059	2.000
	Full	Full	18.67	18.48	18.64	-4.06	0.029	0.028	0.029	2.000
16-QAM	1	1	20.83	20.5	20.42	-4.06	0.048	0.044	0.043	2.000
	Full	Full	17.64	17.47	17.63	-4.06	0.023	0.022	0.023	2.000
15MHz+10MHz										
QPSK	1	1	21.82	21.66	21.67	-4.06	0.060	0.058	0.058	2.000
	Full	Full	18.89	18.58	18.71	-4.06	0.030	0.028	0.029	2.000
16-QAM	1	1	20.86	20.5	20.87	-4.06	0.048	0.044	0.048	2.000
	Full	Full	17.83	17.56	17.69	-4.06	0.024	0.022	0.023	2.000
10MHz+20MHz										
QPSK	1	1	21.77	21.63	21.76	-4.06	0.059	0.057	0.059	2.000

Modulation	UL RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
			LCH	MCH	HCH		LCH	MCH	HCH	
CA_41C										
	Full	Full	18.55	18.4	18.67	-4.06	0.028	0.027	0.029	2.000
16-QAM	1	1	20.8	20.46	20.38	-4.06	0.047	0.044	0.043	2.000
	Full	Full	17.51	17.41	17.64	-4.06	0.022	0.022	0.023	2.000
20MHz+10MHz										
QPSK	1	1	21.82	21.58	21.66	-4.06	0.060	0.056	0.058	2.000
	Full	Full	18.99	18.66	18.69	-4.06	0.031	0.029	0.029	2.000
16-QAM	1	1	20.59	20.67	20.82	-4.06	0.045	0.046	0.047	2.000
	Full	Full	17.99	17.65	17.7	-4.06	0.025	0.023	0.023	2.000
15MHz+15MHz										
QPSK	1	1	21.87	21.7	21.72	-4.06	0.060	0.058	0.058	2.000
	Full	Full	18.49	18.24	18.39	-4.06	0.028	0.026	0.027	2.000
16-QAM	1	1	20.89	20.51	20.92	-4.06	0.048	0.044	0.049	2.000
	Full	Full	17.48	17.22	17.37	-4.06	0.022	0.021	0.021	2.000
15MHz+20MHz										
QPSK	1	1	21.87	21.69	21.71	-4.06	0.060	0.058	0.058	2.000
	Full	Full	18.45	18.28	18.48	-4.06	0.027	0.026	0.028	2.000
16-QAM	1	1	20.86	20.52	20.91	-4.06	0.048	0.044	0.048	2.000
	Full	Full	17.38	17.27	17.47	-4.06	0.021	0.021	0.022	2.000
20MHz+15MHz										
QPSK	1	1	21.88	21.64	21.75	-4.06	0.061	0.057	0.059	2.000
	Full	Full	18.65	18.41	18.44	-4.06	0.029	0.027	0.027	2.000
16-QAM	1	1	20.65	20.74	20.89	-4.06	0.046	0.047	0.048	2.000
	Full	Full	17.57	17.39	17.5	-4.06	0.022	0.022	0.022	2.000

Modulation	UL RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
			LCH	MCH	HCH		LCH	MCH	HCH	
CA_66C										
20MHz+5MHz										
QPSK	1	0	17.77	17.91	18.1	-4.43	0.022	0.022	0.023	1.000
	Half	0	15.81	16.16	16.26	-4.43	0.014	0.015	0.015	1.000
	Full	0	15.87	16.22	16.41	-4.43	0.014	0.015	0.016	1.000
	1	1	20.77	21.2	21.27	-4.43	0.043	0.048	0.048	1.000
	Full	Full	17.83	18.25	18.33	-4.43	0.022	0.024	0.025	1.000
16-QAM	1	0	16.53	16.88	17.09	-4.43	0.016	0.018	0.018	1.000
	Half	0	14.81	15.26	15.31	-4.43	0.011	0.012	0.012	1.000
	Full	0	14.87	15.24	15.37	-4.43	0.011	0.012	0.012	1.000
	1	1	19.55	20.28	20.38	-4.43	0.033	0.038	0.039	1.000
	Full	Full	16.84	17.23	17.38	-4.43	0.017	0.019	0.020	1.000
20MHz+20MHz										
QPSK	1	0	17.4	17.43	17.47	-4.43	0.020	0.020	0.020	1.000
	Half	0	16.55	16.71	16.84	-4.43	0.016	0.017	0.017	1.000
	Full	0	16.6	16.99	17.02	-4.43	0.016	0.018	0.018	1.000
	1	1	20.89	21.18	21.23	-4.43	0.044	0.047	0.048	1.000
	Full	Full	17.45	17.85	17.9	-4.43	0.020	0.022	0.022	1.000
16-QAM	1	0	16.13	16.39	16.53	-4.43	0.015	0.016	0.016	1.000
	Half	0	15.5	15.79	15.82	-4.43	0.013	0.014	0.014	1.000
	Full	0	15.6	16	16.04	-4.43	0.013	0.014	0.014	1.000
	1	1	19.66	20.29	20.35	-4.43	0.033	0.039	0.039	1.000
	Full	Full	16.47	16.84	16.91	-4.43	0.016	0.017	0.018	1.000
5MHz+20MHz										
QPSK	1	1	20.61	20.96	21.11	-4.43	0.041	0.045	0.047	1.000
	Full	Full	17.36	17.81	17.9	-4.43	0.020	0.022	0.022	1.000
16-QAM	1	1	19.79	19.74	20.31	-4.43	0.034	0.034	0.039	1.000
	Full	Full	16.38	16.82	16.84	-4.43	0.016	0.017	0.017	1.000
10MHz+15MHz										
QPSK	1	1	20.75	21.17	21.37	-4.43	0.043	0.047	0.049	1.000
	Full	Full	17.67	18.02	18.17	-4.43	0.021	0.023	0.024	1.000
16-QAM	1	1	19.8	20.03	19.98	-4.43	0.034	0.036	0.036	1.000
	Full	Full	16.66	16.99	17.18	-4.43	0.017	0.018	0.019	1.000
15MHz+10MHz										
QPSK	1	1	20.77	21.25	21.33	-4.43	0.043	0.048	0.049	1.000
	Full	Full	17.92	18.23	18.43	-4.43	0.022	0.024	0.025	1.000
16-QAM	1	1	19.81	20.07	20.48	-4.43	0.035	0.037	0.040	1.000
	Full	Full	16.84	17.21	17.39	-4.43	0.017	0.019	0.020	1.000
10MHz+20MHz										

Modulation	UL RB		Conducted Output AV Power (dBm)			Antenna Gain (dBi)	EIRP (W)			Limit (W)
			LCH	MCH	HCH		LCH	MCH	HCH	
CA_66C										
QPSK	1	1	20.72	21.14	21.23	-4.43	0.043	0.047	0.048	1.000
	Full	Full	17.6	17.98	18.07	-4.43	0.021	0.023	0.023	1.000
16-QAM	1	1	19.73	19.95	19.87	-4.43	0.034	0.036	0.035	1.000
	Full	Full	16.6	16.97	17.06	-4.43	0.016	0.018	0.018	1.000
20MHz+10MHz										
QPSK	1	1	20.85	21.2	21.33	-4.43	0.044	0.048	0.049	1.000
	Full	Full	17.92	18.39	18.5	-4.43	0.022	0.025	0.026	1.000
16-QAM	1	1	19.6	20.29	20.44	-4.43	0.033	0.039	0.040	1.000
	Full	Full	16.95	17.39	17.49	-4.43	0.018	0.020	0.020	1.000
15MHz+15MHz										
QPSK	1	1	20.8	21.23	21.27	-4.43	0.043	0.048	0.048	1.000
	Full	Full	17.54	17.84	18.02	-4.43	0.020	0.022	0.023	1.000
16-QAM	1	1	19.82	20.06	20.43	-4.43	0.035	0.037	0.040	1.000
	Full	Full	16.49	16.83	16.98	-4.43	0.016	0.017	0.018	1.000

A.2 Peak to Average Ratio

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

Note 2: Test plots please refer to the document “Annex No.: BL-SH2530273-501 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	2.86	13	1.1	Pass
	MCH	2.95	13	1.2	Pass
	HCH	2.95	13	1.3	Pass
Band 4	LCH	2.95	13	2.1	Pass
	MCH	3.05	13	2.2	Pass
	HCH	3.05	13	2.3	Pass
Band 5	LCH	3.09	13	3.1	Pass
	MCH	3.14	13	3.2	Pass
	HCH	3.09	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	3.52	13	4.1	Pass
				RB100#0	5.44	13	4.2	Pass
			16-QAM	RB1#0	4.36	13	4.3	Pass
				RB100#0	6.19	13	4.4	Pass
		MCH	QPSK	RB1#0	4.73	13	4.5	Pass
				RB100#0	5.3	13	4.6	Pass
			16-QAM	RB1#0	5.53	13	4.7	Pass
				RB100#0	6.05	13	4.8	Pass
		HCH	QPSK	RB1#0	4.17	13	4.9	Pass
				RB100#0	5.34	13	4.10	Pass
			16-QAM	RB1#0	5.16	13	4.11	Pass
				RB100#0	6.09	13	4.12	Pass
LTE Band 4	20 MHz	LCH	QPSK	RB1#0	4.36	13	5.1	Pass
				RB100#0	5.34	13	5.2	Pass
			16-QAM	RB1#0	4.97	13	5.3	Pass
				RB100#0	6.14	13	5.4	Pass
		MCH	QPSK	RB1#0	4.45	13	5.5	Pass
				RB100#0	5.53	13	5.6	Pass
			16-QAM	RB1#0	5.3	13	5.7	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
				RB100#0	6.28	13	5.8	Pass
		HCH	QPSK	RB1#0	4.92	13	5.9	Pass
				RB100#0	5.62	13	5.10	Pass
			16-QAM	RB1#0	5.91	13	5.11	Pass
				RB100#0	6.33	13	5.12	Pass
LTE Band 5	10 MHz	LCH	QPSK	RB1#0	4.59	13	6.1	Pass
				RB50#0	5.39	13	6.2	Pass
			16-QAM	RB1#0	5.44	13	6.3	Pass
				RB50#0	6.09	13	6.4	Pass
		MCH	QPSK	RB1#0	4.22	13	6.5	Pass
				RB50#0	4.22	13	6.6	Pass
			16-QAM	RB1#0	5.2	13	6.7	Pass
				RB50#0	6.23	13	6.8	Pass
		HCH	QPSK	RB1#0	4.64	13	6.9	Pass
				RB50#0	5.44	13	6.10	Pass
			16-QAM	RB1#0	5.34	13	6.11	Pass
				RB50#0	5.34	13	6.12	Pass
LTE Band 7	20 MHz	LCH	QPSK	RB1#0	4.31	13	7.1	Pass
				RB100#0	5.3	13	7.2	Pass
			16-QAM	RB1#0	4.97	13	7.3	Pass
				RB100#0	6.05	13	7.4	Pass
		MCH	QPSK	RB1#0	4.03	13	7.5	Pass
				RB100#0	5.25	13	7.6	Pass
			16-QAM	RB1#0	4.87	13	7.7	Pass
				RB100#0	6.05	13	7.8	Pass
		HCH	QPSK	RB1#0	4.64	13	7.9	Pass
				RB100#0	5.3	13	7.10	Pass
			16-QAM	RB1#0	5.67	13	7.11	Pass
				RB100#0	6.05	13	7.12	Pass
LTE Band 12	10 MHz	LCH	QPSK	RB1#0	4.41	13	8.1	Pass
				RB50#0	5.44	13	8.2	Pass
			16-QAM	RB1#0	5.25	13	8.3	Pass
				RB50#0	6.23	13	8.4	Pass
		MCH	QPSK	RB1#0	4.41	13	8.5	Pass
				RB50#0	5.39	13	8.6	Pass
			16-QAM	RB1#0	5.34	13	8.7	Pass
				RB50#0	6.23	13	8.8	Pass
		HCH	QPSK	RB1#0	4.36	13	8.9	Pass
				RB50#0	5.39	13	8.10	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
			16-QAM	RB1#0	5.16	13	8.11	Pass
				RB50#0	6.23	13	8.12	Pass
LTE Band 17	10 MHz	LCH	QPSK	RB1#0	4.41	13	9.1	Pass
				RB50#0	5.34	13	9.2	Pass
			16-QAM	RB1#0	5.25	13	9.3	Pass
				RB50#0	6.14	13	9.4	Pass
		MCH	QPSK	RB1#0	4.36	13	9.5	Pass
				RB50#0	5.34	13	9.6	Pass
			16-QAM	RB1#0	5.34	13	9.7	Pass
				RB50#0	6.19	13	9.8	Pass
		HCH	QPSK	RB1#0	4.31	13	9.9	Pass
				RB50#0	5.34	13	9.10	Pass
			16-QAM	RB1#0	5.11	13	9.11	Pass
				RB50#0	6.19	13	9.12	Pass
LTE Band 38	20 MHz	LCH	QPSK	RB1#0	8.44	13	10.1	Pass
				RB100#0	9.05	13	10.2	Pass
			16-QAM	RB1#0	9.09	13	10.3	Pass
				RB100#0	9.8	13	10.4	Pass
		MCH	QPSK	RB1#0	8.44	13	10.5	Pass
				RB100#0	8.95	13	10.6	Pass
			16-QAM	RB1#0	9.23	13	10.7	Pass
				RB100#0	9.66	13	10.8	Pass
		HCH	QPSK	RB1#0	8.25	13	10.9	Pass
				RB100#0	8.95	13	10.10	Pass
			16-QAM	RB1#0	9	13	10.11	Pass
				RB100#0	9.66	13	10.12	Pass
LTE Band 41 120M	20 MHz	LCH	QPSK	RB1#0	8.06	13	11.1	Pass
				RB100#0	8.95	13	11.2	Pass
			16-QAM	RB1#0	8.77	13	11.3	Pass
				RB100#0	9.7	13	11.4	Pass
		MCH	QPSK	RB1#0	8.44	13	11.5	Pass
				RB100#0	8.95	13	11.6	Pass
			16-QAM	RB1#0	9.23	13	11.7	Pass
				RB100#0	9.7	13	11.8	Pass
		HCH	QPSK	RB1#0	8.48	13	11.9	Pass
				RB100#0	9	13	11.10	Pass
			16-QAM	RB1#0	9.23	13	11.11	Pass
				RB100#0	9.7	13	11.12	Pass
LTE	20 MHz	LCH	QPSK	RB1#0	4.31	13	12.1	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
Band 66				RB100#0	5.3	13	12.2	Pass
			16-QAM	RB1#0	4.97	13	12.3	Pass
				RB100#0	6.14	13	12.4	Pass
		MCH	QPSK	RB1#0	4.87	13	12.5	Pass
				RB100#0	5.53	13	12.6	Pass
			16-QAM	RB1#0	5.62	13	12.7	Pass
				RB100#0	6.28	13	12.8	Pass
		HCH	QPSK	RB1#0	4.22	13	12.9	Pass
				RB100#0	5.2	13	12.10	Pass
			16-QAM	RB1#0	5.3	13	12.11	Pass
				RB100#0	5.95	13	12.12	Pass

Test Channel	Modulation	PCC RB		SCC RB		Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset				
CA_2C									
5MHz+20MHz									
Mid	QPSK	25	0	100	0	8.55	13	13.1	Pass
	16-QAM	25	0	100	0	6.9	13	13.2	Pass
20MHz+5MHz									
Mid	QPSK	100	0	25	0	5.75	13	13.3	Pass
	16-QAM	100	0	25	0	6.97	13	13.4	Pass
10MHz+20MHz									
Mid	QPSK	50	0	100	0	6.45	13	13.5	Pass
	16-QAM	50	0	100	0	7.18	13	13.6	Pass
20MHz+10MHz									
Mid	QPSK	100	0	50	0	6.33	13	13.7	Pass
	16-QAM	100	0	50	0	7.09	13	13.8	Pass
15MHz+15MHz									
Mid	QPSK	75	0	75	0	7.49	13	13.9	Pass
	16-QAM	75	0	75	0	7.8	13	13.10	Pass
15MHz+20MHz									
Mid	QPSK	75	0	100	0	7.26	13	13.11	Pass
	16-QAM	75	0	100	0	7.65	13	13.12	Pass
20MHz+15MHz									
Mid	QPSK	100	0	75	0	7.97	13	13.13	Pass
	16-QAM	100	0	75	0	8.2	13	13.14	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	0	7.73	13	13.15	Pass
	16-QAM	100	0	100	0	7.96	13	13.16	Pass
10MHz+15MHz									
Mid	QPSK	50	0	75	0	7.38	13	13.17	Pass
	16-QAM	50	0	75	0	7.79	13	13.18	Pass
15MHz+10MHz									
Mid	QPSK	75	0	50	0	8.35	13	13.19	Pass
	16-QAM	75	0	50	0	8.45	13	13.20	Pass

Test Channel	Modulation	PCC RB		SCC RB		Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset				
CA_5B									
5MHz+10MHz									
Mid	QPSK	25	0	50	0	7.1	13	14.1	Pass
	16-QAM	25	0	50	0	7.61	13	14.2	Pass
10MHz+5MHz									
Mid	QPSK	50	0	25	0	6.92	13	14.3	Pass
	16-QAM	50	0	25	0	7.51	13	14.4	Pass
10MHz+10MHz									
Mid	QPSK	50	0	50	0	7.64	13	14.5	Pass
	16-QAM	50	0	50	0	7.99	13	14.6	Pass

Test Channel	Modulation	PCC RB		SCC RB		Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset				
CA_7C									
10MHz+20MHz									
Mid	QPSK	50	0	100	0	6.43	13	15.1	Pass
	16-QAM	50	0	100	0	7.21	13	15.2	Pass
20MHz+10MHz									
Mid	QPSK	100	0	50	0	6.34	13	15.3	Pass
	16-QAM	100	0	50	0	7.07	13	15.4	Pass
15MHz+15MHz									
Mid	QPSK	75	0	75	0	7.94	13	15.5	Pass
	16-QAM	75	0	75	0	8.2	13	15.6	Pass
15MHz+20MHz									
Mid	QPSK	75	0	100	0	7.71	13	15.7	Pass
	16-QAM	75	0	100	0	7.93	13	15.8	Pass
20MHz+15MHz									
Mid	QPSK	100	0	75	0	7.42	13	15.9	Pass
	16-QAM	100	0	75	0	7.77	13	15.10	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	0	8.38	13	15.11	Pass
	16-QAM	100	0	100	0	8.46	13	15.12	Pass

Test Channel	Modulation	PCC RB		SCC RB		Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset				
CA_38C									
15MHz+15MHz									
Mid	QPSK	75	0	75	0	11.52	13	16.1	Pass
	16-QAM	75	0	75	0	11.29	13	16.2	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	0	11.15	13	16.3	Pass
	16-QAM	100	0	100	0	11.65	13	16.4	Pass

Test Channel	Modulation	PCC RB		SCC RB		Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset				
CA_41C									
5MHz+20MHz									
Mid	QPSK	25	0	100	0	10.13	13	17.1	Pass
	16-QAM	25	0	100	0	10.98	13	17.2	Pass
20MHz+5MHz									
Mid	QPSK	100	0	25	0	10.12	13	17.3	Pass
	16-QAM	100	0	25	0	11.38	13	17.4	Pass
10MHz+20MHz									
Mid	QPSK	50	0	100	0	10.22	13	17.5	Pass
	16-QAM	50	0	100	0	10.39	13	17.6	Pass
20MHz+10MHz									
Mid	QPSK	100	0	50	0	10.44	13	17.7	Pass
	16-QAM	100	0	50	0	10.84	13	17.8	Pass
15MHz+15MHz									
Mid	QPSK	75	0	75	0	11.62	13	17.9	Pass
	16-QAM	75	0	75	0	12.23	13	17.10	Pass
15MHz+20MHz									
Mid	QPSK	75	0	100	0	10.93	13	17.11	Pass
	16-QAM	75	0	100	0	12	13	17.12	Pass
20MHz+15MHz									
Mid	QPSK	100	0	75	0	11.25	13	17.13	Pass
	16-QAM	100	0	75	0	11.28	13	17.14	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	0	12.38	13	17.15	Pass
	16-QAM	100	0	100	0	12.14	13	17.16	Pass

Test Channel	Modulation	PCC RB		SCC RB		Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset				
CA_66C									
5MHz+20MHz									
Mid	QPSK	25	0	100	0	5.73	13	18.1	Pass
	16-QAM	25	0	100	0	6.93	13	18.2	Pass
20MHz+5MHz									
Mid	QPSK	100	0	25	0	5.79	13	18.3	Pass
	16-QAM	100	0	25	0	6.98	13	18.4	Pass
10MHz+15MHz									
Mid	QPSK	50	0	75	0	7.46	13	18.5	Pass
	16-QAM	50	0	75	0	7.74	13	18.6	Pass
15MHz+10MHz									
Mid	QPSK	75	0	50	0	7.3	13	18.7	Pass
	16-QAM	75	0	50	0	7.63	13	18.8	Pass
10MHz+20MHz									
Mid	QPSK	50	0	100	0	6.45	13	18.9	Pass
	16-QAM	50	0	100	0	7.24	13	18.10	Pass
20MHz+10MHz									
Mid	QPSK	100	0	50	0	6.37	13	18.11	Pass
	16-QAM	100	0	50	0	7.11	13	18.12	Pass
20MHz+20MHz									
Mid	QPSK	100	0	100	0	7.71	13	18.13	Pass
	16-QAM	100	0	100	0	8.01	13	18.14	Pass
15MHz+20MHz									
Mid	QPSK	75	0	100	0	7.43	13	18.15	Pass
	16-QAM	75	0	100	0	7.77	13	18.16	Pass
20MHz+15MHz									
Mid	QPSK	100	0	75	0	8.05	13	18.17	Pass
	16-QAM	100	0	75	0	8.18	13	18.18	Pass
15MHz+15MHz									
Mid	QPSK	75	0	75	0	8.4	13	18.19	Pass
	16-QAM	75	0	75	0	8.5	13	18.20	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-SH2530273-501 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	0.247	0.31	1.1
	MCH	0.245	0.314	1.2
	HCH	0.247	0.313	1.3
GSM 1900	LCH	0.244	0.308	2.1
	MCH	0.244	0.312	2.2
	HCH	0.244	0.31	2.3
GPRS 850	LCH	0.244	0.313	3.1
	MCH	0.245	0.314	3.2
	HCH	0.243	0.314	3.3
GPRS 1900	LCH	0.244	0.314	4.1
	MCH	0.243	0.311	4.2
	HCH	0.245	0.312	4.3
EGPRS 850	LCH	0.245	0.315	5.1
	MCH	0.243	0.318	5.2
	HCH	0.245	0.314	5.3
EGPRS 1900	LCH	0.244	0.314	6.1
	MCH	0.247	0.314	6.2
	HCH	0.245	0.311	6.3
WCDMA Band 2	LCH	4.144	4.712	7.1
	MCH	4.14	4.705	7.2
	HCH	4.141	4.703	7.3
WCDMA Band 4	LCH	4.144	4.712	8.1
	MCH	4.141	4.701	8.2
	HCH	4.143	4.706	8.3
WCDMA Band 5	LCH	4.144	4.7	9.1
	MCH	4.148	4.689	9.2
	HCH	4.141	4.693	9.3

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	1.087	1.271	10.1
			16-QAM	RB6#0	1.096	1.282	10.2
		MCH	QPSK	RB6#0	1.09	1.278	10.3
			16-QAM	RB6#0	1.086	1.26	10.4
		HCH	QPSK	RB6#0	1.094	1.262	10.5
			16-QAM	RB6#0	1.089	1.269	10.6
	3 MHz	LCH	QPSK	RB15#0	2.69	2.974	10.7
			16-QAM	RB15#0	2.694	2.993	10.8
		MCH	QPSK	RB15#0	2.691	2.973	10.9
			16-QAM	RB15#0	2.689	2.992	10.10
		HCH	QPSK	RB15#0	2.689	2.969	10.11
			16-QAM	RB15#0	2.684	2.974	10.12
	5 MHz	LCH	QPSK	RB25#0	4.499	4.909	10.13
			16-QAM	RB25#0	4.493	4.883	10.14
		MCH	QPSK	RB25#0	4.49	4.891	10.15
			16-QAM	RB25#0	4.496	4.924	10.16
		HCH	QPSK	RB25#0	4.491	4.871	10.17
			16-QAM	RB25#0	4.5	4.928	10.18
	10 MHz	LCH	QPSK	RB50#0	8.956	9.787	10.19
			16-QAM	RB50#0	8.966	9.707	10.20
		MCH	QPSK	RB50#0	8.931	9.703	10.21
			16-QAM	RB50#0	8.949	9.715	10.22
		HCH	QPSK	RB50#0	8.948	9.714	10.23
			16-QAM	RB50#0	8.937	9.759	10.24
	15 MHz	LCH	QPSK	RB75#0	13.46	14.657	10.25
			16-QAM	RB75#0	13.46	14.657	10.26
		MCH	QPSK	RB75#0	13.406	14.583	10.27
			16-QAM	RB75#0	13.418	14.608	10.28
		HCH	QPSK	RB75#0	13.42	14.608	10.29
			16-QAM	RB75#0	13.444	14.594	10.30
	20 MHz	LCH	QPSK	RB100#0	17.928	19.34	10.31
			16-QAM	RB100#0	17.925	19.399	10.32
		MCH	QPSK	RB100#0	17.896	19.361	10.33
			16-QAM	RB100#0	17.876	19.397	10.34
		HCH	QPSK	RB100#0	17.908	19.538	10.35
			16-QAM	RB100#0	17.897	19.338	10.36

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 4	1.4 MHz	LCH	QPSK	RB6#0	1.087	1.267	11.1
			16-QAM	RB6#0	1.094	1.285	11.2
		MCH	QPSK	RB6#0	1.09	1.287	11.3
			16-QAM	RB6#0	1.086	1.262	11.4
		HCH	QPSK	RB6#0	1.091	1.259	11.5
			16-QAM	RB6#0	1.088	1.264	11.6
	3 MHz	LCH	QPSK	RB15#0	2.686	2.97	11.7
			16-QAM	RB15#0	2.69	2.99	11.8
		MCH	QPSK	RB15#0	2.689	2.956	11.9
			16-QAM	RB15#0	2.69	2.983	11.10
		HCH	QPSK	RB15#0	2.685	2.965	11.11
			16-QAM	RB15#0	2.682	2.964	11.12
	5 MHz	LCH	QPSK	RB25#0	4.509	4.919	11.13
			16-QAM	RB25#0	4.493	4.885	11.14
		MCH	QPSK	RB25#0	4.49	4.891	11.15
			16-QAM	RB25#0	4.504	4.909	11.16
		HCH	QPSK	RB25#0	4.488	4.903	11.17
			16-QAM	RB25#0	4.495	4.908	11.18
	10 MHz	LCH	QPSK	RB50#0	8.952	9.729	11.19
			16-QAM	RB50#0	8.952	9.715	11.20
		MCH	QPSK	RB50#0	8.947	9.694	11.21
			16-QAM	RB50#0	8.943	9.748	11.22
		HCH	QPSK	RB50#0	8.964	9.753	11.23
			16-QAM	RB50#0	8.955	9.759	11.24
	15 MHz	LCH	QPSK	RB75#0	13.444	14.568	11.25
			16-QAM	RB75#0	13.425	14.607	11.26
		MCH	QPSK	RB75#0	13.404	14.586	11.27
			16-QAM	RB75#0	13.43	14.595	11.28
		HCH	QPSK	RB75#0	13.437	14.667	11.29
			16-QAM	RB75#0	13.454	14.515	11.30
	20 MHz	LCH	QPSK	RB100#0	17.904	19.335	11.31
			16-QAM	RB100#0	17.916	19.376	11.32
		MCH	QPSK	RB100#0	17.876	19.328	11.33
			16-QAM	RB100#0	17.886	19.366	11.34
		HCH	QPSK	RB100#0	17.914	19.38	11.35
			16-QAM	RB100#0	17.912	19.258	11.36

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	1.086	1.269	12.1
			16-QAM	RB6#0	1.094	1.289	12.2
		MCH	QPSK	RB6#0	1.087	1.272	12.3
			16-QAM	RB6#0	1.085	1.259	12.4
		HCH	QPSK	RB6#0	1.091	1.264	12.5
			16-QAM	RB6#0	1.091	1.265	12.6
	3 MHz	LCH	QPSK	RB15#0	2.688	2.973	12.7
			16-QAM	RB15#0	2.688	2.973	12.8
		MCH	QPSK	RB15#0	2.687	2.961	12.9
			16-QAM	RB15#0	2.689	2.98	12.10
		HCH	QPSK	RB15#0	2.685	2.967	12.11
			16-QAM	RB15#0	2.683	2.968	12.12
	5 MHz	LCH	QPSK	RB25#0	4.497	4.91	12.13
			16-QAM	RB25#0	4.487	4.898	12.14
		MCH	QPSK	RB25#0	4.496	4.92	12.15
			16-QAM	RB25#0	4.5	4.903	12.16
		HCH	QPSK	RB25#0	4.487	4.91	12.17
			16-QAM	RB25#0	4.492	4.919	12.18
	10 MHz	LCH	QPSK	RB50#0	8.959	9.785	12.19
			16-QAM	RB50#0	8.956	9.729	12.20
		MCH	QPSK	RB50#0	8.945	9.731	12.21
			16-QAM	RB50#0	8.95	9.726	12.22
		HCH	QPSK	RB50#0	8.971	9.781	12.23
			16-QAM	RB50#0	8.949	9.739	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 7	5 MHz	LCH	QPSK	RB25#0	4.495	4.896	13.1
			16-QAM	RB25#0	4.489	4.893	13.2
		MCH	QPSK	RB25#0	4.489	4.893	13.3
			16-QAM	RB25#0	4.505	4.904	13.4
		HCH	QPSK	RB25#0	4.489	4.904	13.5
			16-QAM	RB25#0	4.499	4.912	13.6
	10 MHz	LCH	QPSK	RB50#0	8.965	9.784	13.7
			16-QAM	RB50#0	8.968	9.709	13.8
		MCH	QPSK	RB50#0	8.95	9.734	13.9
			16-QAM	RB50#0	8.974	9.743	13.10
		HCH	QPSK	RB50#0	8.971	9.72	13.11
			16-QAM	RB50#0	8.957	9.758	13.12
	15 MHz	LCH	QPSK	RB75#0	13.444	14.69	13.13
			16-QAM	RB75#0	13.461	14.61	13.14
		MCH	QPSK	RB75#0	13.415	14.658	13.15
			16-QAM	RB75#0	13.434	14.634	13.16
		HCH	QPSK	RB75#0	13.411	14.622	13.17
			16-QAM	RB75#0	13.446	14.587	13.18
	20 MHz	LCH	QPSK	RB100#0	17.883	19.254	13.19
			16-QAM	RB100#0	17.899	19.384	13.20
		MCH	QPSK	RB100#0	17.881	19.375	13.21
			16-QAM	RB100#0	17.905	19.439	13.22
		HCH	QPSK	RB100#0	17.893	19.508	13.23
			16-QAM	RB100#0	17.876	19.383	13.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 12	5 MHz	LCH	QPSK	RB25#0	4.502	4.937	14.1
			16-QAM	RB25#0	4.488	4.902	14.2
		MCH	QPSK	RB25#0	4.482	4.879	14.3
			16-QAM	RB25#0	4.494	4.908	14.4
		HCH	QPSK	RB25#0	4.486	4.875	14.5
			16-QAM	RB25#0	4.502	4.935	14.6
	10 MHz	LCH	QPSK	RB50#0	8.963	9.786	14.7
			16-QAM	RB50#0	8.95	9.702	14.8
		MCH	QPSK	RB50#0	8.94	9.732	14.9
			16-QAM	RB50#0	8.952	9.76	14.10
		HCH	QPSK	RB50#0	8.945	9.714	14.11
			16-QAM	RB50#0	8.951	9.774	14.12

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 17	5 MHz	LCH	QPSK	RB25#0	4.499	4.909	15.1
			16-QAM	RB25#0	4.489	4.886	15.2
		MCH	QPSK	RB25#0	4.486	4.891	15.3
			16-QAM	RB25#0	4.51	4.898	15.4
		HCH	QPSK	RB25#0	4.495	4.871	15.5
			16-QAM	RB25#0	4.497	4.915	15.6
	10 MHz	LCH	QPSK	RB50#0	8.95	9.767	15.7
			16-QAM	RB50#0	8.933	9.722	15.8
		MCH	QPSK	RB50#0	8.932	9.667	15.9
			16-QAM	RB50#0	8.947	9.746	15.10
		HCH	QPSK	RB50#0	8.944	9.702	15.11
			16-QAM	RB50#0	8.953	9.753	15.12

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 38	5 MHz	LCH	QPSK	RB25#0	4.492	4.961	16.1
			16-QAM	RB25#0	4.506	5.021	16.2
		MCH	QPSK	RB25#0	4.506	5.075	16.3
			16-QAM	RB25#0	4.494	4.958	16.4
		HCH	QPSK	RB25#0	4.496	5.036	16.5
			16-QAM	RB25#0	4.501	4.939	16.6
	10 MHz	LCH	QPSK	RB50#0	8.978	9.802	16.7
			16-QAM	RB50#0	8.975	9.803	16.8
		MCH	QPSK	RB50#0	8.966	9.814	16.9
			16-QAM	RB50#0	8.941	9.827	16.10
		HCH	QPSK	RB50#0	8.989	9.786	16.11
			16-QAM	RB50#0	8.977	10.383	16.12
	15 MHz	LCH	QPSK	RB75#0	13.487	14.896	16.13
			16-QAM	RB75#0	13.462	15.284	16.14
		MCH	QPSK	RB75#0	13.452	15.144	16.15
			16-QAM	RB75#0	13.51	15.014	16.16
		HCH	QPSK	RB75#0	13.421	15.02	16.17
			16-QAM	RB75#0	13.51	15.361	16.18
	20 MHz	LCH	QPSK	RB100#0	17.952	19.346	16.19
			16-QAM	RB100#0	17.908	19.418	16.20
		MCH	QPSK	RB100#0	17.907	19.419	16.21
			16-QAM	RB100#0	17.965	19.902	16.22
		HCH	QPSK	RB100#0	17.926	19.409	16.23
			16-QAM	RB100#0	17.884	19.592	16.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 41	5 MHz	LCH	QPSK	RB25#0	4.492	5.012	17.1
			16-QAM	RB25#0	4.494	4.928	17.2
		MCH	QPSK	RB25#0	4.49	5.035	17.3
			16-QAM	RB25#0	4.504	5.145	17.4
		HCH	QPSK	RB25#0	4.499	4.908	17.5
			16-QAM	RB25#0	4.491	4.975	17.6
	10 MHz	LCH	QPSK	RB50#0	8.972	10.334	17.7
			16-QAM	RB50#0	8.977	9.831	17.8
		MCH	QPSK	RB50#0	8.972	9.812	17.9
			16-QAM	RB50#0	8.951	9.727	17.10
		HCH	QPSK	RB50#0	8.985	9.764	17.11
			16-QAM	RB50#0	8.979	10.426	17.12
	15 MHz	LCH	QPSK	RB75#0	13.456	14.811	17.13
			16-QAM	RB75#0	13.478	15.082	17.14
		MCH	QPSK	RB75#0	13.452	15.173	17.15
			16-QAM	RB75#0	13.505	14.999	17.16
		HCH	QPSK	RB75#0	13.406	15.158	17.17
			16-QAM	RB75#0	13.5	15.277	17.18
	20 MHz	LCH	QPSK	RB100#0	17.949	19.334	17.19
			16-QAM	RB100#0	17.902	19.418	17.20
		MCH	QPSK	RB100#0	17.905	19.465	17.21
			16-QAM	RB100#0	17.941	20.043	17.22
		HCH	QPSK	RB100#0	17.932	19.427	17.23
			16-QAM	RB100#0	17.881	19.364	17.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 66	1.4 MHz	LCH	QPSK	RB6#0	1.087	1.268	18.1
			16-QAM	RB6#0	1.093	1.295	18.2
		MCH	QPSK	RB6#0	1.09	1.285	18.3
			16-QAM	RB6#0	1.084	1.26	18.4
		HCH	QPSK	RB6#0	1.092	1.263	18.5
			16-QAM	RB6#0	1.09	1.264	18.6
	3 MHz	LCH	QPSK	RB15#0	2.688	2.962	18.7
			16-QAM	RB15#0	2.689	2.984	18.8
		MCH	QPSK	RB15#0	2.685	2.97	18.9
			16-QAM	RB15#0	2.685	2.985	18.10
		HCH	QPSK	RB15#0	2.689	2.969	18.11
			16-QAM	RB15#0	2.685	2.97	18.12
	5 MHz	LCH	QPSK	RB25#0	4.504	4.919	18.13
			16-QAM	RB25#0	4.484	4.896	18.14
		MCH	QPSK	RB25#0	4.498	4.91	18.15
			16-QAM	RB25#0	4.496	4.916	18.16
		HCH	QPSK	RB25#0	4.492	4.906	18.17
			16-QAM	RB25#0	4.497	4.905	18.18
	10 MHz	LCH	QPSK	RB50#0	8.958	9.807	18.19
			16-QAM	RB50#0	8.939	9.726	18.20
		MCH	QPSK	RB50#0	8.957	9.771	18.21
			16-QAM	RB50#0	8.957	9.744	18.22
		HCH	QPSK	RB50#0	8.963	9.731	18.23
			16-QAM	RB50#0	8.961	9.739	18.24
	15 MHz	LCH	QPSK	RB75#0	13.424	14.612	18.25
			16-QAM	RB75#0	13.431	14.561	18.26
		MCH	QPSK	RB75#0	13.417	14.564	18.27
			16-QAM	RB75#0	13.433	14.606	18.28
		HCH	QPSK	RB75#0	13.424	14.663	18.29
			16-QAM	RB75#0	13.434	14.601	18.30
	20 MHz	LCH	QPSK	RB100#0	17.873	19.28	18.31
			16-QAM	RB100#0	17.878	19.294	18.32
		MCH	QPSK	RB100#0	17.913	19.293	18.33
			16-QAM	RB100#0	17.914	19.48	18.34
		HCH	QPSK	RB100#0	17.897	19.351	18.35
			16-QAM	RB100#0	17.874	19.329	18.36

Test Channel	Modulation	PCC RB		SCC RB		Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
		Size	Offset	Size	Offset			
CA_2C								
5MHz+20MHz								
Mid	QPSK	25	0	100	0	22.95	24.31	19.1
	16-QAM	25	0	100	0	22.92	24.37	19.2
20MHz+5MHz								
Mid	QPSK	100	0	25	0	22.93	24.33	19.3
	16-QAM	100	0	25	0	22.85	24.21	19.4
10MHz+20MHz								
Mid	QPSK	50	0	100	0	27.82	29.59	19.5
	16-QAM	50	0	100	0	27.81	30.26	19.6
20MHz+10MHz								
Mid	QPSK	100	0	50	0	27.79	29.63	19.7
	16-QAM	100	0	50	0	27.75	29.47	19.8
10MHz+15MHz								
Mid	QPSK	50	0	75	0	23.13	24.65	19.9
	16-QAM	50	0	75	0	23.17	24.68	19.10
15MHz+10MHz								
Mid	QPSK	75	0	50	0	23.18	24.76	19.11
	16-QAM	75	0	50	0	23.1	24.63	19.12
15MHz+15MHz								
Mid	QPSK	75	0	75	0	28.33	30.22	19.13
	16-QAM	75	0	75	0	28.27	30.17	19.14
15MHz+20MHz								
Mid	QPSK	75	0	100	0	32.68	34.75	19.15
	16-QAM	75	0	100	0	32.66	34.78	19.16
20MHz+15MHz								
Mid	QPSK	100	0	75	0	32.69	34.76	19.17
	16-QAM	100	0	75	0	32.62	34.66	19.18
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.62	41.02	19.19
	16-QAM	100	0	100	0	37.64	40.1	19.20

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_5B								
5MHz+10MHz								
Mid	QPSK	25	0	50	0	13.9	14.83	20.1
	16-QAM	25	0	50	0	13.9	14.78	20.2
10MHz+5MHz								
Mid	QPSK	50	0	25	0	13.9	14.86	20.3
	16-QAM	50	0	25	0	13.92	14.95	20.4
10MHz+10MHz								
Mid	QPSK	50	0	50	0	18.82	20.02	20.5
	16-QAM	50	0	50	0	18.81	20.39	20.6

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	27.86	29.61	21.1
	16-QAM	50	0	100	0	27.86	29.55	21.2
20MHz+10MHz								
Mid	QPSK	100	0	50	0	27.86	29.67	21.3
	16-QAM	100	0	50	0	27.85	29.61	21.4
15MHz+15MHz								
Mid	QPSK	75	0	75	0	28.43	30.46	21.5
	16-QAM	75	0	75	0	28.42	30.34	21.6
15MHz+20MHz								
Mid	QPSK	75	0	100	0	32.7	34.7	21.7
	16-QAM	75	0	100	0	32.68	34.72	21.8
20MHz+15MHz								
Mid	QPSK	100	0	75	0	32.77	34.83	21.9
	16-QAM	100	0	75	0	32.73	34.7	21.10
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.75	40.05	21.11
	16-QAM	100	0	100	0	37.68	40.03	21.12

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	28.42	30.64	22.13
	16-QAM	75	0	75	0	28.39	35.33	22.14
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.7	47.38	22.15
	16-QAM	100	0	100	0	37.64	43.97	22.16

Test Channel	Modulation	PCC RB		SCC RB		Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
		Size	Offset	Size	Offset			
CA_41C								
5MHz+20MHz								
Mid	QPSK	25	0	100	0	22.99	24.51	23.1
	16-QAM	25	0	100	0	22.95	24.51	23.2
20MHz+5MHz								
Mid	QPSK	100	0	25	0	23	24.71	23.3
	16-QAM	100	0	25	0	22.94	24.21	23.4
10MHz+20MHz								
Mid	QPSK	50	0	100	0	27.92	32.85	23.5
	16-QAM	50	0	100	0	27.86	29.96	23.6
20MHz+10MHz								
Mid	QPSK	100	0	50	0	27.85	32.7	23.7
	16-QAM	100	0	50	0	27.79	32.73	23.8
15MHz+15MHz								
Mid	QPSK	75	0	75	0	28.42	31.48	23.9
	16-QAM	75	0	75	0	28.41	30.58	23.10
15MHz+20MHz								
Mid	QPSK	75	0	100	0	32.7	35.18	23.11
	16-QAM	75	0	100	0	32.69	38.91	23.12
20MHz+15MHz								
Mid	QPSK	100	0	75	0	32.69	35.75	23.13
	16-QAM	100	0	75	0	32.74	34.79	23.14
20MHz+20MHz								

Test Channel	Modulation	PCC RB		SCC RB		Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
		Size	Offset	Size	Offset			
CA_41C								
Mid	QPSK	100	0	100	0	37.76	41.9	23.15
	16-QAM	100	0	100	0	37.75	45.13	23.16

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_66C								
5MHz+20MHz								
Mid	QPSK	25	0	100	0	22.98	24.38	24.1
	16-QAM	25	0	100	0	22.98	24.37	24.2
20MHz+5MHz								
Mid	QPSK	100	0	25	0	22.99	24.33	24.3
	16-QAM	100	0	25	0	22.91	24.21	24.4
10MHz+15MHz								
Mid	QPSK	50	0	75	0	23.25	24.71	24.5
	16-QAM	50	0	75	0	23.23	24.81	24.6
15MHz+10MHz								
Mid	QPSK	75	0	50	0	23.25	24.79	24.7
	16-QAM	75	0	50	0	23.17	24.63	24.8
10MHz+20MHz								
Mid	QPSK	50	0	100	0	27.88	29.62	24.9
	16-QAM	50	0	100	0	27.89	29.64	24.10
20MHz+10MHz								
Mid	QPSK	100	0	50	0	27.85	29.65	24.11
	16-QAM	100	0	50	0	27.83	29.52	24.12
15MHz+15MHz								
Mid	QPSK	75	0	75	0	28.5	30.32	24.13
	16-QAM	75	0	75	0	28.44	30.29	24.14
15MHz+20MHz								
Mid	QPSK	75	0	100	0	32.73	34.74	24.15
	16-QAM	75	0	100	0	32.7	34.81	24.16
20MHz+15MHz								
Mid	QPSK	100	0	75	0	32.78	34.9	24.17
	16-QAM	100	0	75	0	32.73	34.72	24.18
20MHz+20MHz								
Mid	QPSK	100	0	100	0	37.77	40.04	24.19
	16-QAM	100	0	100	0	37.72	40.06	24.20

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)	
3.92	-30	-7.3	±2060.5	-9.3	±2091.5	-3.97	±2122	Pass
	-20	-6.91		-6.3		6.07		
	-10	-6.49		-9.2		6.13		
	0	-7.94		-8.94		-4.71		
	+10	-7.33		-5.59		-3.36		
	+20	-9.1		-7.17		-4.29		
	+25	-8.65		2.94		5.84		
	+30	-5.88		-7.23		4.49		
	+40	9.33		-3.84		3.07		
	+50	-4.04		-8.2		5.59		
4.53	+25	-6.36		-7.65		-6.1		
3.45	+25	-5.04		6.88		7.1		

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)	
3.92	-30	-13.69	±4625.5	-11.2	±4700.0	-10.72	±4774.5	Pass
	-20	-8.07		-12.85		-10.43		
	-10	-11.46		-14.46		9.36		
	0	10.78		-11.33		-15.01		
	+10	-10.46		11.95		-3.65		
	+20	-8.3		7.33		-7.72		
	+25	15.85		-9.88		-19.5		
	+30	-8.49		-10.85		-9.91		
	+40	-11.3		12.04		-11.46		
	+50	-6.59		-7.39		-4.91		
4.53	+25	10.04		-8.85		-10.3		
3.45	+25	-10.2		-6.94		-10.82		

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)	
3.92	-30	-10.85	±2060.5	-7.72	±2091.5	-6.75	±2122	Pass
	-20	-8.85		-9.07		-11.17		
	-10	-13.17		-10.91		-10.3		
	0	-7.65		-6.75		-12.27		
	+10	-12.98		-8.14		-8.04		
	+20	-8.62		-10.65		-12.56		
	+25	-9.59		-14.82		-7.1		
	+30	-5.29		-12.95		-8.85		
	+40	-13.11		-9.46		-8.78		
	+50	-6.84		-6.17		-8.27		
4.53	+25	-11.46		-13.01		-7.65		
3.45	+25	-9.43		-11.2		-10.4		

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)	
3.92	-30	-13.2	±4625.5	-15.17	±4700.0	-4.52	±4774.5	Pass
	-20	-5.78		-9.78		-7.3		
	-10	-5.42		-9.04		-3.78		
	0	-10.75		-14.37		-8.39		
	+10	-13.79		-13.04		-12.33		
	+20	-13.27		-14.95		-12.62		
	+25	-6.97		-8.52		-7.85		
	+30	-9.88		-7.2		-9.59		
	+40	-20.11		-18.47		-8.33		
	+50	-13.95		-13.62		-7.46		
4.53	+25	-7.91		-3.81		-11.66		
3.45	+25	-5.49		-3.75		-7.23		

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)	
3.92	-30	-6.2	±2060.5	-6.52	±2091.5	-15.79	±2122	Pass
	-20	-10.75		-11.01		-12.17		
	-10	-12.01		6.94		-9.14		
	0	-6.33		-7.36		-9.49		
	+10	-6.3		-8.27		8.39		
	+20	4.68		-9.62		-13.4		
	+25	-8.43		-7.52		-12.98		
	+30	-8.56		-8.46		-9.56		
	+40	-10.04		-8.01		-6.88		
	+50	-11.66		-8.62		-8.88		
4.53	+25	-11.2		-10.56		-12.11		
3.45	+25	-10.04		-7.97		-8.43		

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)	
3.92	-30	-9.75	±4625.5	-5.84	±4700.0	-13.46	±4774.5	Pass
	-20	-9.2		-10.94		-15.92		
	-10	-7.75		-14.33		-8.2		
	0	-11.46		-13.27		-10.88		
	+10	-10.43		-12.79		-12.46		
	+20	-11.98		-11.43		3.07		
	+25	-8.04		-12.49		-7.43		
	+30	-10.62		-14.75		8.88		
	+40	-13.46		-14.53		-8.62		
	+50	-11.95		-14.21		-3.75		
4.53	+25	-10.59		-9.07		-10.36		
3.45	+25	-9.91		-10.53		-4.29		

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)	
3.92	-30	8.33	±4631	7.57	±4700	-3.98	±4769	Pass
	-20	14.85		-1.48		-13.99		
	-10	4.3		-4.89		-4.82		
	0	2.8		-5.08		-4.78		
	+10	5.13		-4.33		-6.51		
	+20	8.37		-3.26		4.03		
	+25	11.91		-0.13		-5.7		
	+30	11.52		3.26		-10.02		
	+40	4.27		-2.21		-8.48		
	+50	2.88		-6.96		-6.57		
4.53	+25	5.15		-4.47		-1.01		
3.45	+25	5.95		3.94		-2.49		

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)	
3.92	-30	12.82	±4281	0.01	±4331	-5.76	±4381.5	Pass
	-20	10.4		-4.75		-8.88		
	-10	8.55		-3.87		-11.69		
	0	8.56		0.02		-10.28		
	+10	6.54		-4.25		-12.25		
	+20	8.59		-3.86		-13		
	+25	13.4		-0.52		-7.06		
	+30	9.69		-0.4		-9.7		
	+40	8.46		-7.77		-9.86		
	+50	8.33		-6.37		-12.83		
4.53	+25	10.59		-1.9		-9.01		
3.45	+25	8.57		-2.47		-10.51		

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)	
3.92	-30	0.24	±2066	-1.7	±2091	-2.88	±2116.5	Pass
	-20	4.18		-1.97		-6.99		
	-10	-0.58		-1.55		-5.89		
	0	-0.82		-2.07		-8.18		
	+10	-0.44		-2.75		-5.49		
	+20	0.96		-2.9		-6.79		
	+25	3.67		-3		-6.91		
	+30	3.71		-6.29		-8.18		
	+40	-1.84		-3.15		-9.38		
	+50	-1.02		-0.68		-6.02		
4.53	+25	1.9		-5.56		-7.09		
3.45	+25	1.4		-2.35		-5.39		

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-2.36	±4700	Pass
	-20	-2.4		
	-10	-0.31		
	0	1.16		
	+10	-0.67		
	+20	2.12		
	+25	5.98		
	+30	0.57		
	+40	2.68		
	+50	-6.17		
4.53	+25	-3.02		
3.45	+25	-0.51		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-2.53	±4700	Pass
	-20	-1.77		
	-10	-1.29		
	0	-0.73		
	+10	2.07		
	+20	-3.42		
	+25	3.28		
	+30	3.19		
	+40	-1.56		
	+50	-5.05		
4.53	+25	-2.09		
3.45	+25	-4.35		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-1.62	±4331.25	Pass
	-20	0.64		
	-10	-3.33		
	0	-2.17		
	+10	-2.85		
	+20	-0.1		
	+25	0.8		
	+30	-2.82		
	+40	0.01		
	+50	-0.82		
4.53	+25	-0.1		
3.45	+25	-0.83		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-3.78	±4331.25	Pass
	-20	-2.56		
	-10	-2.73		
	0	-2.15		
	+10	-3.06		
	+20	-0.7		
	+25	-3.73		
	+30	-3.96		
	+40	-1.32		
	+50	-1.92		
4.53	+25	-1.85		
3.45	+25	2.68		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-0.84	±2091.25	Pass
	-20	-3.72		
	-10	-3.58		
	0	-4.53		
	+10	-3.86		
	+20	-2.27		
	+25	-4.38		
	+30	-2.55		
	+40	-2.1		
	+50	-1.49		
4.53	+25	-2.99		
3.45	+25	-2.95		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-2.73	±2091.25	Pass
	-20	-3		
	-10	-3.05		
	0	-3.23		
	+10	-4.36		
	+20	-1.82		
	+25	-1.03		
	+30	-1.89		
	+40	-2.9		
	+50	-2.16		
4.53	+25	-1.26		
3.45	+25	-0.54		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-0.94	±6337.5	Pass
	-20	-0.39		
	-10	-2.66		
	0	-4.51		
	+10	-2.85		
	+20	-3.48		
	+25	3.23		
	+30	-2.02		
	+40	-5.31		
	+50	-2.42		
4.53	+25	-5.24		
3.45	+25	-5.02		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-1.37	±6337.5	Pass
	-20	-4.01		
	-10	-3.28		
	0	-2.33		
	+10	-3.36		
	+20	-5.72		
	+25	-5.56		
	+30	-5.51		
	+40	-4.73		
	+50	-7.65		
4.53	+25	-4.94		
3.45	+25	-4.73		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-2.66	±1768.75	Pass
	-20	-3.88		
	-10	0.07		
	0	-0.82		
	+10	-1.77		
	+20	-2.06		
	+25	-1.63		
	+30	-0.07		
	+40	-3.53		
	+50	-2.8		
4.53	+25	-2.73		
3.45	+25	-1.7		

LTE Band 12 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-1.56	±1768.75	Pass
	-20	-0.99		
	-10	-3.81		
	0	-2.79		
	+10	-0.92		
	+20	-0.64		
	+25	-1.47		
	+30	-4.58		
	+40	-3.4		
	+50	-1.82		
4.53	+25	-0.74		
3.45	+25	-1.07		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-1.75	±1775	Pass
	-20	-0.66		
	-10	-0.99		
	0	-2.65		
	+10	-2.45		
	+20	-0.69		
	+25	-1.82		
	+30	-3.68		
	+40	-1.43		
	+50	-0.11		
4.53	+25	-2.33		
3.45	+25	-2.56		

LTE Band 17 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 710 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-1.8	±1775	Pass
	-20	-4.84		
	-10	-2.29		
	0	-2.99		
	+10	-3.05		
	+20	0.2		
	+25	0.13		
	+30	-2.95		
	+40	-1.72		
	+50	-1.96		
4.53	+25	-1.97		
3.45	+25	-2.35		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-7.32	±6487.5	Pass
	-20	-8.28		
	-10	-4.09		
	0	-2.85		
	+10	-2.4		
	+20	-2.05		
	+25	0.16		
	+30	-3.38		
	+40	-3.36		
	+50	-2.75		
4.53	+25	-5.94		
3.45	+25	-3.19		

LTE Band 38 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-5.68	±6487.5	Pass
	-20	-4.05		
	-10	-1.63		
	0	-6.38		
	+10	-7.04		
	+20	-5.59		
	+25	-5.32		
	+30	-6.39		
	+40	-7.08		
	+50	-4.45		
4.53	+25	-6.04		
3.45	+25	-5.66		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-4.99	±6482.5	Pass
	-20	-2.57		
	-10	-4.96		
	0	-5.09		
	+10	-4.22		
	+20	-1.66		
	+25	-2.6		
	+30	-0.2		
	+40	-0.36		
	+50	-7.02		
4.53	+25	-3.49		
3.45	+25	-5.62		

LTE Band 41 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-4.53	±6482.5	Pass
	-20	-6.29		
	-10	-1.49		
	0	-3.5		
	+10	-8.35		
	+20	-7.24		
	+25	-3.95		
	+30	-5.35		
	+40	-5.02		
	+50	-3.86		
4.53	+25	-5.68		
3.45	+25	-6.44		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-2.96	±4362.5	Pass
	-20	-0.43		
	-10	1.27		
	0	-1.69		
	+10	-3.25		
	+20	0.73		
	+25	3.83		
	+30	-0.73		
	+40	0.54		
	+50	-2.32		
4.53	+25	-2.5		
3.45	+25	-1.85		

LTE Band 66 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1745 MHz		
		Value(Hz)	Limits (Hz)	
3.92	-30	-2.69	±4362.5	Pass
	-20	-2.99		
	-10	0.29		
	0	-4.41		
	+10	-1.77		
	+20	0.56		
	+25	-2.19		
	+30	0.16		
	+40	-1.2		
	+50	-3.08		
4.53	+25	-1.46		
3.45	+25	-0.13		

CA_2C QPSK 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1877.5 MHz		SCC MCH 1889.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-30	-2.8	±4693.75	-5.38	±4723	Pass
	-20	-0.13		-4.09		
	-10	-1.96		-0.14		
	0	-4.59		-1.57		
	+10	-3.56		-1.27		
	+20	-5.59		-1.34		
	+25	-1.09		-2.02		
	+30	-2.57		0.43		
	+40	-1.57		-2.75		
	+50	0.59		1.13		
4.53	+25	0.76		1.82		
3.45	+25	-4.52		-2.65		

CA_2C 16QAM 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1877.5 MHz		SCC MCH 1889.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-30	0.23	±4693.75	-4.11	±4723	Pass
	-20	-0.9		-1.67		
	-10	-0.5		-1.34		
	0	-3.38		-0.43		
	+10	-2.62		-2.68		
	+20	-4.25		-4.06		
	+25	-0.16		0.59		
	+30	-1.33		-4.05		
	+40	-5.06		-2.03		
	+50	-4.85		-3.56		
4.53	+25	-4.76		-1.12		
3.45	+25	-3.68		-4.28		

CA_5B QPSK 10MHz+10MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 831.6 MHz		SCC MCH 841.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-30	-1.85	±2079	-3.05	±2103.75	Pass
	-20	-1.43		-0.77		
	-10	0.26		-5.25		
	0	-2.15		-2.33		
	+10	-1.1		-2.72		
	+20	-0.73		0.06		
	+25	-1.89		-2.02		
	+30	0.77		-3		
	+40	-1.39		-1.24		
	+50	-0.84		1.17		
4.53	+25	-3.53		1.3		
3.45	+25	-2.37		-2.56		

CA_5B 16QAM 10MHz+10MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 831.6 MHz		SCC MCH 841.5 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-30	1.06	±2079	-1.97	±2103.75	Pass
	-20	-0.1		0.2		
	-10	-1.39		-2.29		
	0	1.54		0.06		
	+10	0.37		0.43		
	+20	-1.57		-2.73		
	+25	-1.12		-0.87		
	+30	-0.3		0.14		
	+40	0.51		1.24		
	+50	1.1		-0.57		
4.53	+25	-2.09		-1.19		
3.45	+25	-0.72		1.13		

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)	
3.92	-30	-0.84	±6,325.25	-1.5	±6,361.25	Pass
	-20	-2.86		-1.42		
	-10	-2.06		-1.03		
	0	-2.07		-1.17		
	+10	-3.62		-0.1		
	+20	-3.35		-6.84		
	+25	-0.62		-0.86		
	+30	1.13		-2.65		
	+40	-1.3		-3.83		
	+50	-5.05		-5.31		
4.53	+25	-5.29		-5.05		
3.45	+25	-1.95		-2.95		

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)	
3.92	-30	-4.19	±6,325.25	1.82	±6,361.25	Pass
	-20	-2.52		3.39		
	-10	-1.86		-2.23		
	0	-2.46		2.4		
	+10	-1.75		-2		
	+20	0.74		-1		
	+25	-3.29		-3.43		
	+30	0.23		-2.32		
	+40	-2.1		-0.74		
	+50	-0.01		-4.84		
4.53	+25	-2.95		-1.12		
3.45	+25	0.66		2.22		

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)	
3.92	-30	-2.7	±6,468.75	-3.63	±6,506.25	Pass
	-20	-0.01		0.46		
	-10	1.02		2.3		
	0	-3.48		-6.31		
	+10	-0.6		0.44		
	+20	-1.67		-4.06		
	+25	-0.53		2.37		
	+30	-0.8		0.8		
	+40	-5.12		-7.74		
	+50	-0.16		-0.4		
4.53	+25	-3.52		-4.26		
3.45	+25	-4.99		-1.69		

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)	
3.92	-30	0.57	±6,468.75	1.12	±6,506.25	Pass
	-20	-1.13		-3.29		
	-10	1.46		-0.11		
	0	-2.83		0.66		
	+10	-0.34		-0.64		
	+20	-4.18		-3.45		
	+25	-1.07		-2.07		
	+30	1.4		3.85		
	+40	-1.7		-0.66		
	+50	-3.82		-0.27		
4.53	+25	-0.94		-3.66		
3.45	+25	1.33		3.05		

CA_41C QPSK 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2590.5 MHz		SCC MCH 2602.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-30	-0.01	±6,476.25	-3.46	±6,505.5	Pass
	-20	-2.9		-2.02		
	-10	-3.78		0.5		
	0	-3.5		-3.12		
	+10	0.73		1.56		
	+20	-3.1		-5.79		
	+25	-2.9		-2.02		
	+30	-8.23		-5.05		
	+40	-3.1		-5.79		
	+50	-6.88		-4.02		
4.53	+25	-3.68		-2.4		
3.45	+25	-4.85		-2.8		

CA_41C 16QAM 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 2590.5 MHz		SCC MCH 2602.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-30	3.52	±6,476.25	-2.29	±6,505.5	Pass
	-20	-0.87		-3.72		
	-10	-0.93		2.45		
	0	2.96		-5.12		
	+10	-0.57		-0.5		
	+20	0.66		-2.49		
	+25	-0.87		-3.72		
	+30	-0.16		-2.59		
	+40	0.66		-2.49		
	+50	2.32		-0.14		
4.53	+25	1.26		-1.86		
3.45	+25	0.69		-4.11		

CA_66C QPSK 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1752.5 MHz		SCC MCH 1764.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-30	-1.56	±4381.25	0.11	±4410.5	Pass
	-20	-2.89		-0.96		
	-10	-3.35		-0.46		
	0	-1.27		-2.89		
	+10	-4.32		-0.73		
	+20	-0.36		1.59		
	+25	0.8		-0.43		
	+30	-2.52		-0.56		
	+40	-0.62		2.12		
	+50	-2.05		-3.5		
4.53	+25	-1.9		1.17		
3.45	+25	-2		-0.23		

CA_66C 16QAM 20MHz+5MHz

Test Conditions		Frequency Deviation				Verdict
Power (VDC)	Temperature (°C)	PCC MCH 1752.5 MHz		SCC MCH 1764.2 MHz		
		Value(Hz)	Limits (Hz)	Value(Hz)	Limits (Hz)	
3.92	-30	4.45	±4381.25	4.36	±4410.5	Pass
	-20	0.69		-4.18		
	-10	-0.64		-2.06		
	0	0.83		0.66		
	+10	-2.27		-1.23		
	+20	-1.24		0.33		
	+25	-3.59		-0.34		
	+30	-1.22		-1.17		
	+40	-2.93		-1.19		
	+50	1.8		0.86		
4.53	+25	-1.36		1.3		
3.45	+25	2.73		1.93		

A.5 Spurious Emission at Antenna Terminals

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

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

Note 3: Test plots please refer to the document “Annex No.: BL-SH2530273-501 Data Part 3.pdf”.

Note 4: The disturbance above 26.5GHz was very low, and the above harmonics were the highest point could befound when testing, so only the worst case data displayed in this report.

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	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
GPRS 850	LCH	3.1	Pass
	MCH	3.2	Pass
	HCH	3.3	Pass
GPRS 1900	LCH	4.1	Pass
	MCH	4.2	Pass
	HCH	4.3	Pass
EGPRS 850	LCH	5.1	Pass
	MCH	5.2	Pass
	HCH	5.3	Pass
EGPRS 1900	LCH	6.1	Pass
	MCH	6.2	Pass
	HCH	6.3	Pass
WCDMA Band 2	LCH	7.1	Pass
	MCH	7.2	Pass
	HCH	7.3	Pass
WCDMA Band 4	LCH	8.1	Pass
	MCH	8.2	Pass
	HCH	8.3	Pass
WCDMA Band 5	LCH	9.1	Pass
	MCH	9.2	Pass
	HCH	9.3	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	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
	15 MHz	LCH	QPSK	RB1#0	10.25	Pass
			16-QAM	RB1#0	10.26	Pass
		MCH	QPSK	RB1#0	10.27	Pass
			16-QAM	RB1#0	10.28	Pass
		HCH	QPSK	RB1#0	10.29	Pass
			16-QAM	RB1#0	10.30	Pass
	20 MHz	LCH	QPSK	RB1#0	10.31	Pass
			16-QAM	RB1#0	10.32	Pass
		MCH	QPSK	RB1#0	10.33	Pass
			16-QAM	RB1#0	10.34	Pass
		HCH	QPSK	RB1#0	10.35	Pass
			16-QAM	RB1#0	10.36	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	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
	3 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
	5 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
	10 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
	15 MHz	LCH	QPSK	RB1#0	11.25	Pass
			16-QAM	RB1#0	11.26	Pass
		MCH	QPSK	RB1#0	11.27	Pass
			16-QAM	RB1#0	11.28	Pass
		HCH	QPSK	RB1#0	11.29	Pass
			16-QAM	RB1#0	11.30	Pass
	20 MHz	LCH	QPSK	RB1#0	11.31	Pass
			16-QAM	RB1#0	11.32	Pass
		MCH	QPSK	RB1#0	11.33	Pass
			16-QAM	RB1#0	11.34	Pass
		HCH	QPSK	RB1#0	11.35	Pass
			16-QAM	RB1#0	11.36	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	12.1	Pass
			16-QAM	RB1#0	12.2	Pass
		MCH	QPSK	RB1#0	12.3	Pass
			16-QAM	RB1#0	12.4	Pass
		HCH	QPSK	RB1#0	12.5	Pass
			16-QAM	RB1#0	12.6	Pass
	3 MHz	LCH	QPSK	RB1#0	12.7	Pass
			16-QAM	RB1#0	12.8	Pass
		MCH	QPSK	RB1#0	12.9	Pass
			16-QAM	RB1#0	12.10	Pass
		HCH	QPSK	RB1#0	12.11	Pass
			16-QAM	RB1#0	12.12	Pass
	5 MHz	LCH	QPSK	RB1#0	12.13	Pass
			16-QAM	RB1#0	12.14	Pass
		MCH	QPSK	RB1#0	12.15	Pass
			16-QAM	RB1#0	12.16	Pass
		HCH	QPSK	RB1#0	12.17	Pass
			16-QAM	RB1#0	12.18	Pass
	10 MHz	LCH	QPSK	RB1#0	12.19	Pass
			16-QAM	RB1#0	12.20	Pass
		MCH	QPSK	RB1#0	12.21	Pass
			16-QAM	RB1#0	12.22	Pass
		HCH	QPSK	RB1#0	12.23	Pass
			16-QAM	RB1#0	12.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 7	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 Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 12	1.4 MHz	LCH	QPSK	RB1#0	14.1	Pass
			16-QAM	RB1#0	14.2	Pass
		MCH	QPSK	RB1#0	14.3	Pass
			16-QAM	RB1#0	14.4	Pass
		HCH	QPSK	RB1#0	14.5	Pass
			16-QAM	RB1#0	14.6	Pass
	3 MHz	LCH	QPSK	RB1#0	14.7	Pass
			16-QAM	RB1#0	14.8	Pass
		MCH	QPSK	RB1#0	14.9	Pass
			16-QAM	RB1#0	14.10	Pass
		HCH	QPSK	RB1#0	14.11	Pass
			16-QAM	RB1#0	14.12	Pass
	5 MHz	LCH	QPSK	RB1#0	14.13	Pass
			16-QAM	RB1#0	14.14	Pass
		MCH	QPSK	RB1#0	14.15	Pass
			16-QAM	RB1#0	14.16	Pass
		HCH	QPSK	RB1#0	14.17	Pass
			16-QAM	RB1#0	14.18	Pass
	10 MHz	LCH	QPSK	RB1#0	14.19	Pass
			16-QAM	RB1#0	14.20	Pass
		MCH	QPSK	RB1#0	14.21	Pass
			16-QAM	RB1#0	14.22	Pass
		HCH	QPSK	RB1#0	14.23	Pass
			16-QAM	RB1#0	14.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 17	5 MHz	LCH	QPSK	RB1#0	15.1	Pass
			16-QAM	RB1#0	15.2	Pass
		MCH	QPSK	RB1#0	15.3	Pass
			16-QAM	RB1#0	15.4	Pass
		HCH	QPSK	RB1#0	15.5	Pass
			16-QAM	RB1#0	15.6	Pass
	10 MHz	LCH	QPSK	RB1#0	15.7	Pass
			16-QAM	RB1#0	15.8	Pass
		MCH	QPSK	RB1#0	15.9	Pass
			16-QAM	RB1#0	15.10	Pass
		HCH	QPSK	RB1#0	15.11	Pass
			16-QAM	RB1#0	15.12	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 38	5 MHz	LCH	QPSK	RB1#0	16.1	Pass
			16-QAM	RB1#0	16.2	Pass
		MCH	QPSK	RB1#0	16.3	Pass
			16-QAM	RB1#0	16.4	Pass
		HCH	QPSK	RB1#0	16.5	Pass
			16-QAM	RB1#0	16.6	Pass
	10 MHz	LCH	QPSK	RB1#0	16.7	Pass
			16-QAM	RB1#0	16.8	Pass
		MCH	QPSK	RB1#0	16.9	Pass
			16-QAM	RB1#0	16.10	Pass
		HCH	QPSK	RB1#0	16.11	Pass
			16-QAM	RB1#0	16.12	Pass
	15 MHz	LCH	QPSK	RB1#0	16.13	Pass
			16-QAM	RB1#0	16.14	Pass
		MCH	QPSK	RB1#0	16.15	Pass
			16-QAM	RB1#0	16.16	Pass
		HCH	QPSK	RB1#0	16.17	Pass
			16-QAM	RB1#0	16.18	Pass
	20 MHz	LCH	QPSK	RB1#0	16.19	Pass
			16-QAM	RB1#0	16.20	Pass
		MCH	QPSK	RB1#0	16.21	Pass
			16-QAM	RB1#0	16.22	Pass
		HCH	QPSK	RB1#0	16.23	Pass
			16-QAM	RB1#0	16.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 41	5 MHz	LCH	QPSK	RB1#0	17.1	Pass
			16-QAM	RB1#0	17.2	Pass
		MCH	QPSK	RB1#0	17.3	Pass
			16-QAM	RB1#0	17.4	Pass
		HCH	QPSK	RB1#0	17.5	Pass
			16-QAM	RB1#0	17.6	Pass
	10 MHz	LCH	QPSK	RB1#0	17.7	Pass
			16-QAM	RB1#0	17.8	Pass
		MCH	QPSK	RB1#0	17.9	Pass
			16-QAM	RB1#0	17.10	Pass
		HCH	QPSK	RB1#0	17.11	Pass
			16-QAM	RB1#0	17.12	Pass
	15 MHz	LCH	QPSK	RB1#0	17.13	Pass
			16-QAM	RB1#0	17.14	Pass
		MCH	QPSK	RB1#0	17.15	Pass
			16-QAM	RB1#0	17.16	Pass
		HCH	QPSK	RB1#0	17.17	Pass
			16-QAM	RB1#0	17.18	Pass
	20 MHz	LCH	QPSK	RB1#0	17.19	Pass
			16-QAM	RB1#0	17.20	Pass
		MCH	QPSK	RB1#0	17.21	Pass
			16-QAM	RB1#0	17.22	Pass
		HCH	QPSK	RB1#0	17.23	Pass
			16-QAM	RB1#0	17.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 66	1.4 MHz	LCH	QPSK	RB1#0	18.1	Pass
			16-QAM	RB1#0	18.2	Pass
		MCH	QPSK	RB1#0	18.3	Pass
			16-QAM	RB1#0	18.4	Pass
		HCH	QPSK	RB1#0	18.5	Pass
			16-QAM	RB1#0	18.6	Pass
	3 MHz	LCH	QPSK	RB1#0	18.7	Pass
			16-QAM	RB1#0	18.8	Pass
		MCH	QPSK	RB1#0	18.9	Pass
			16-QAM	RB1#0	18.10	Pass
		HCH	QPSK	RB1#0	18.11	Pass
			16-QAM	RB1#0	18.12	Pass
	5 MHz	LCH	QPSK	RB1#0	18.13	Pass
			16-QAM	RB1#0	18.14	Pass
		MCH	QPSK	RB1#0	18.15	Pass
			16-QAM	RB1#0	18.16	Pass
		HCH	QPSK	RB1#0	18.17	Pass
			16-QAM	RB1#0	18.18	Pass
	10 MHz	LCH	QPSK	RB1#0	18.19	Pass
			16-QAM	RB1#0	18.20	Pass
		MCH	QPSK	RB1#0	18.21	Pass
			16-QAM	RB1#0	18.22	Pass
		HCH	QPSK	RB1#0	18.23	Pass
			16-QAM	RB1#0	18.24	Pass
	15 MHz	LCH	QPSK	RB1#0	18.25	Pass
			16-QAM	RB1#0	18.26	Pass
		MCH	QPSK	RB1#0	18.27	Pass
			16-QAM	RB1#0	18.28	Pass
		HCH	QPSK	RB1#0	18.29	Pass
			16-QAM	RB1#0	18.30	Pass
	20 MHz	LCH	QPSK	RB1#0	18.31	Pass
			16-QAM	RB1#0	18.32	Pass
		MCH	QPSK	RB1#0	18.33	Pass
			16-QAM	RB1#0	18.34	Pass
		HCH	QPSK	RB1#0	18.35	Pass
			16-QAM	RB1#0	18.36	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_2C							
20MHz+5MHz							
Low	QPSK	1	0	1	24	19.1	Pass
		100	0	25	0	19.2	Pass
	16-QAM	1	0	1	24	19.3	Pass
		100	0	25	0	19.4	Pass
Mid	QPSK	1	0	1	24	19.5	Pass
		100	0	25	0	19.6	Pass
	16-QAM	1	0	1	24	19.7	Pass
		100	0	25	0	19.8	Pass
High	QPSK	1	0	1	24	19.9	Pass
		100	0	25	0	19.10	Pass
	16-QAM	1	0	1	24	19.11	Pass
		100	0	25	0	19.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	19.13	Pass
		100	0	100	0	19.14	Pass
	16-QAM	1	0	1	99	19.15	Pass
		100	0	100	0	19.16	Pass
Mid	QPSK	1	0	1	99	19.17	Pass
		100	0	100	0	19.18	Pass
	16-QAM	1	0	1	99	19.19	Pass
		100	0	100	0	19.20	Pass
High	QPSK	1	0	1	99	19.21	Pass
		100	0	100	0	19.22	Pass
	16-QAM	1	0	1	99	19.23	Pass
		100	0	100	0	19.24	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_5B							
10MHz+5MHz							
Low	QPSK	1	0	1	24	20.1	Pass
		50	0	25	0	20.2	Pass
	16-QAM	1	0	1	24	20.3	Pass
		50	0	25	0	20.4	Pass
Mid	QPSK	1	0	1	24	20.5	Pass
		50	0	25	0	20.6	Pass
	16-QAM	1	0	1	24	20.7	Pass
		50	0	25	0	20.8	Pass
High	QPSK	1	0	1	24	20.9	Pass
		50	0	25	0	20.10	Pass
	16-QAM	1	0	1	24	20.11	Pass
		50	0	25	0	20.12	Pass
10MHz+10MHz							
Low	QPSK	1	0	1	49	20.13	Pass
		50	0	50	0	20.14	Pass
	16-QAM	1	0	1	49	20.15	Pass
		50	0	50	0	20.16	Pass
Mid	QPSK	1	0	1	49	20.17	Pass
		50	0	50	0	20.18	Pass
	16-QAM	1	0	1	49	20.19	Pass
		50	0	50	0	20.20	Pass
High	QPSK	1	0	1	49	20.21	Pass
		50	0	50	0	20.22	Pass
	16-QAM	1	0	1	49	20.23	Pass
		50	0	50	0	20.24	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	21.1	Pass
		100	0	50	0	21.2	Pass
	16-QAM	1	0	1	49	21.3	Pass
		100	0	50	0	21.4	Pass
Mid	QPSK	1	0	1	49	21.5	Pass
		100	0	50	0	21.6	Pass
	16-QAM	1	0	1	49	21.7	Pass
		100	0	50	0	21.8	Pass
High	QPSK	1	0	1	49	21.9	Pass
		100	0	50	0	21.10	Pass
	16-QAM	1	0	1	49	21.11	Pass
		100	0	50	0	21.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	21.13	Pass
		100	0	100	0	21.14	Pass
	16-QAM	1	0	1	99	21.15	Pass
		100	0	100	0	21.16	Pass
Mid	QPSK	1	0	1	99	21.17	Pass
		100	0	100	0	21.18	Pass
	16-QAM	1	0	1	99	21.19	Pass
		100	0	100	0	21.20	Pass
High	QPSK	1	0	1	99	21.21	Pass
		100	0	100	0	21.22	Pass
	16-QAM	1	0	1	99	21.23	Pass
		100	0	100	0	21.24	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_38C							
15MHz+15MHz							
Low	QPSK	1	0	1	74	22.1	Pass
		75	0	75	0	22.2	Pass
	16-QAM	1	0	1	74	22.3	Pass
		75	0	75	0	22.4	Pass
Mid	QPSK	1	0	1	74	22.5	Pass
		75	0	75	0	22.6	Pass
	16-QAM	1	0	1	74	22.7	Pass
		75	0	75	0	22.8	Pass
High	QPSK	1	0	1	74	22.9	Pass
		75	0	75	0	22.10	Pass
	16-QAM	1	0	1	74	22.11	Pass
		75	0	75	0	22.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	22.13	Pass
		100	0	100	0	22.14	Pass
	16-QAM	1	0	1	99	22.15	Pass
		100	0	100	0	22.16	Pass
Mid	QPSK	1	0	1	99	22.17	Pass
		100	0	100	0	22.18	Pass
	16-QAM	1	0	1	99	22.19	Pass
		100	0	100	0	22.20	Pass
High	QPSK	1	0	1	99	22.21	Pass
		100	0	100	0	22.22	Pass
	16-QAM	1	0	1	99	22.23	Pass
		100	0	100	0	22.24	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_41C							
20MHz+5MHz							
Low	QPSK	1	0	1	24	23.1	Pass
		100	0	25	0	23.2	Pass
	16-QAM	1	0	1	24	23.3	Pass
		100	0	25	0	23.4	Pass
Mid	QPSK	1	0	1	24	23.5	Pass
		100	0	25	0	23.6	Pass
	16-QAM	1	0	1	24	23.7	Pass
		100	0	25	0	23.8	Pass
High	QPSK	1	0	1	24	23.9	Pass
		100	0	25	0	23.10	Pass
	16-QAM	1	0	1	24	23.11	Pass
		100	0	25	0	23.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	23.13	Pass
		100	0	100	0	23.14	Pass
	16-QAM	1	0	1	99	23.15	Pass
		100	0	100	0	23.16	Pass
Mid	QPSK	1	0	1	99	23.17	Pass
		100	0	100	0	23.18	Pass
	16-QAM	1	0	1	99	23.19	Pass
		100	0	100	0	23.20	Pass
High	QPSK	1	0	1	99	23.21	Pass
		100	0	100	0	23.22	Pass
	16-QAM	1	0	1	99	23.23	Pass
		100	0	100	0	23.24	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note2]	Verdict
		Size	Offset	Size	Offset		
CA_66C							
20MHz+5MHz							
Low	QPSK	1	0	1	24	24.1	Pass
		100	0	25	0	24.2	Pass
	16-QAM	1	0	1	24	24.3	Pass
		100	0	25	0	24.4	Pass
Mid	QPSK	1	0	1	24	24.5	Pass
		100	0	25	0	24.6	Pass
	16-QAM	1	0	1	24	24.7	Pass
		100	0	25	0	24.8	Pass
High	QPSK	1	0	1	24	24.9	Pass
		100	0	25	0	24.10	Pass
	16-QAM	1	0	1	24	24.11	Pass
		100	0	25	0	24.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	99	24.13	Pass
		100	0	100	0	24.14	Pass
	16-QAM	1	0	1	99	24.15	Pass
		100	0	100	0	24.16	Pass
Mid	QPSK	1	0	1	99	24.17	Pass
		100	0	100	0	24.18	Pass
	16-QAM	1	0	1	99	24.19	Pass
		100	0	100	0	24.20	Pass
High	QPSK	1	0	1	99	24.21	Pass
		100	0	100	0	24.22	Pass
	16-QAM	1	0	1	99	24.23	Pass
		100	0	100	0	24.24	Pass

A.6 Band Edge

Note 1: Test plots please refer to the document “Annex No.: BL-SH2530273-501 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
GPRS 850	LCH	3.1	Pass
	HCH	3.2	Pass
GPRS 1900	LCH	4.1	Pass
	HCH	4.2	Pass
EGPRS 850	LCH	5.1	Pass
	HCH	5.2	Pass
EGPRS 1900	LCH	6.1	Pass
	HCH	6.2	Pass
WCDMA Band 2	LCH	7.1	Pass
	HCH	7.2	Pass
WCDMA Band 4	LCH	8.1	Pass
	HCH	8.2	Pass
WCDMA Band 5	LCH	9.1	Pass
	HCH	9.2	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	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
	15 MHz	LCH	QPSK	RB1#0	10.33	Pass
				RB75#0	10.34	Pass
			16-QAM	RB1#0	10.35	Pass
				RB75#0	10.36	Pass
		HCH	QPSK	RB1#74	10.37	Pass
				RB75#0	10.38	Pass
			16-QAM	RB1#74	10.39	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
				RB75#0	10.40	Pass
	20 MHz	LCH	QPSK	RB1#0	10.41	Pass
				RB100#0	10.42	Pass
			16-QAM	RB1#0	10.43	Pass
				RB100#0	10.44	Pass
		HCH	QPSK	RB1#99	10.45	Pass
				RB100#0	10.46	Pass
			16-QAM	RB1#99	10.47	Pass
				RB100#0	10.48	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	11.1	Pass
				RB6#0	11.2	Pass
			16-QAM	RB1#0	11.3	Pass
				RB6#0	11.4	Pass
		HCH	QPSK	RB1#5	11.5	Pass
				RB6#0	11.6	Pass
			16-QAM	RB1#5	11.7	Pass
				RB6#0	11.8	Pass
	3 MHz	LCH	QPSK	RB1#0	11.9	Pass
				RB15#0	11.10	Pass
			16-QAM	RB1#0	11.11	Pass
				RB15#0	11.12	Pass
		HCH	QPSK	RB1#14	11.13	Pass
				RB15#0	11.14	Pass
			16-QAM	RB1#14	11.15	Pass
				RB15#0	11.16	Pass
	5 MHz	LCH	QPSK	RB1#0	11.17	Pass
				RB25#0	11.18	Pass
			16-QAM	RB1#0	11.19	Pass
				RB25#0	11.20	Pass
		HCH	QPSK	RB1#24	11.21	Pass
				RB25#0	11.22	Pass
			16-QAM	RB1#24	11.23	Pass
				RB25#0	11.24	Pass
	10 MHz	LCH	QPSK	RB1#0	11.25	Pass
				RB50#0	11.26	Pass
			16-QAM	RB1#0	11.27	Pass
				RB50#0	11.28	Pass
		HCH	QPSK	RB1#49	11.29	Pass
				RB50#0	11.30	Pass
			16-QAM	RB1#49	11.31	Pass
				RB50#0	11.32	Pass
	15 MHz	LCH	QPSK	RB1#0	11.33	Pass
				RB75#0	11.34	Pass
			16-QAM	RB1#0	11.35	Pass
				RB75#0	11.36	Pass
		HCH	QPSK	RB1#74	11.37	Pass
				RB75#0	11.38	Pass
			16-QAM	RB1#74	11.39	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
				RB75#0	11.40	Pass
	20 MHz	LCH	QPSK	RB1#0	11.41	Pass
				RB100#0	11.42	Pass
			16-QAM	RB1#0	11.43	Pass
				RB100#0	11.44	Pass
		HCH	QPSK	RB1#99	11.45	Pass
				RB100#0	11.46	Pass
			16-QAM	RB1#99	11.47	Pass
				RB100#0	11.48	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	12.1	Pass
				RB6#0	12.2	Pass
			16-QAM	RB1#0	12.3	Pass
				RB6#0	12.4	Pass
		HCH	QPSK	RB1#5	12.5	Pass
				RB6#0	12.6	Pass
			16-QAM	RB1#5	12.7	Pass
				RB6#0	12.8	Pass
	3 MHz	LCH	QPSK	RB1#0	12.9	Pass
				RB15#0	12.10	Pass
			16-QAM	RB1#0	12.11	Pass
				RB15#0	12.12	Pass
		HCH	QPSK	RB1#14	12.13	Pass
				RB15#0	12.14	Pass
			16-QAM	RB1#14	12.15	Pass
				RB15#0	12.16	Pass
	5 MHz	LCH	QPSK	RB1#0	12.17	Pass
				RB25#0	12.18	Pass
			16-QAM	RB1#0	12.19	Pass
				RB25#0	12.20	Pass
		HCH	QPSK	RB1#24	12.21	Pass
				RB25#0	12.22	Pass
			16-QAM	RB1#24	12.23	Pass
				RB25#0	12.24	Pass
	10 MHz	LCH	QPSK	RB1#0	12.25	Pass
				RB50#0	12.26	Pass
			16-QAM	RB1#0	12.27	Pass
				RB50#0	12.28	Pass
		HCH	QPSK	RB1#49	12.29	Pass
				RB50#0	12.30	Pass
			16-QAM	RB1#49	12.31	Pass
				RB50#0	12.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 7	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 Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 12	1.4 MHz	LCH	QPSK	RB1#0	14.1	Pass
				RB6#0	14.2	Pass
			16-QAM	RB1#0	14.3	Pass
				RB6#0	14.4	Pass
		HCH	QPSK	RB1#5	14.5	Pass
				RB6#0	14.6	Pass
			16-QAM	RB1#5	14.7	Pass
				RB6#0	14.8	Pass
	3 MHz	LCH	QPSK	RB1#0	14.9	Pass
				RB15#0	14.10	Pass
			16-QAM	RB1#0	14.11	Pass
				RB15#0	14.12	Pass
		HCH	QPSK	RB1#14	14.13	Pass
				RB15#0	14.14	Pass
			16-QAM	RB1#14	14.15	Pass
				RB15#0	14.16	Pass
	5 MHz	LCH	QPSK	RB1#0	14.17	Pass
				RB25#0	14.18	Pass
			16-QAM	RB1#0	14.19	Pass
				RB25#0	14.20	Pass
		HCH	QPSK	RB1#24	14.21	Pass
				RB25#0	14.22	Pass
			16-QAM	RB1#24	14.23	Pass
				RB25#0	14.24	Pass
	10 MHz	LCH	QPSK	RB1#0	14.25	Pass
				RB50#0	14.26	Pass
			16-QAM	RB1#0	14.27	Pass
				RB50#0	14.28	Pass
		HCH	QPSK	RB1#49	14.29	Pass
				RB50#0	14.30	Pass
			16-QAM	RB1#49	14.31	Pass
				RB50#0	14.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 17	5 MHz	LCH	QPSK	RB1#0	15.1	Pass
				RB25#0	15.2	Pass
			16-QAM	RB1#0	15.3	Pass
				RB25#0	15.4	Pass
		HCH	QPSK	RB1#24	15.5	Pass
				RB25#0	15.6	Pass
			16-QAM	RB1#24	15.7	Pass
				RB25#0	15.8	Pass
	10 MHz	LCH	QPSK	RB1#0	15.9	Pass
				RB50#0	15.10	Pass
			16-QAM	RB1#0	15.11	Pass
				RB50#0	15.12	Pass
		HCH	QPSK	RB1#49	15.13	Pass
				RB50#0	15.14	Pass
			16-QAM	RB1#49	15.15	Pass
				RB50#0	15.16	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	16.1	Pass
				RB25#0	16.2	Pass
			16-QAM	RB1#0	16.3	Pass
				RB25#0	16.4	Pass
		HCH	QPSK	RB1#24	16.5	Pass
				RB25#0	16.6	Pass
			16-QAM	RB1#24	16.7	Pass
				RB25#0	16.8	Pass
	10 MHz	LCH	QPSK	RB1#0	16.9	Pass
				RB50#0	16.10	Pass
			16-QAM	RB1#0	16.11	Pass
				RB50#0	16.12	Pass
		HCH	QPSK	RB1#49	16.13	Pass
				RB50#0	16.14	Pass
			16-QAM	RB1#49	16.15	Pass
				RB50#0	16.16	Pass
	15 MHz	LCH	QPSK	RB1#0	16.17	Pass
				RB75#0	16.18	Pass
			16-QAM	RB1#0	16.19	Pass
				RB75#0	16.20	Pass
		HCH	QPSK	RB1#74	16.21	Pass
				RB75#0	16.22	Pass
			16-QAM	RB1#74	16.23	Pass
				RB75#0	16.24	Pass
	20 MHz	LCH	QPSK	RB1#0	16.25	Pass
				RB100#0	16.26	Pass
			16-QAM	RB1#0	16.27	Pass
				RB100#0	16.28	Pass
		HCH	QPSK	RB1#99	16.29	Pass
				RB100#0	16.30	Pass
			16-QAM	RB1#99	16.31	Pass
				RB100#0	16.32	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#Low	17.1	Pass
				RB25#Low	17.2	Pass
			16-QAM	RB1#Low	17.3	Pass
				RB25#Low	17.4	Pass
		HCH	QPSK	RB1#High	17.5	Pass
				RB25#High	17.6	Pass
			16-QAM	RB1#High	17.7	Pass
				RB25#High	17.8	Pass
	10 MHz	LCH	QPSK	RB1#Low	17.9	Pass
				RB50#Low	17.10	Pass
			16-QAM	RB1#Low	17.11	Pass
				RB50#Low	17.12	Pass
		HCH	QPSK	RB1#High	17.13	Pass
				RB50#High	17.14	Pass
			16-QAM	RB1#High	17.15	Pass
				RB50#High	17.16	Pass
	15 MHz	LCH	QPSK	RB1#Low	17.17	Pass
				RB75#Low	17.18	Pass
			16-QAM	RB1#Low	17.19	Pass
				RB75#Low	17.20	Pass
		HCH	QPSK	RB1#High	17.21	Pass
				RB75#High	17.22	Pass
			16-QAM	RB1#High	17.23	Pass
				RB75#High	17.24	Pass
	20 MHz	LCH	QPSK	RB1#Low	17.25	Pass
				RB100#Low	17.26	Pass
			16-QAM	RB1#Low	17.27	Pass
				RB100#Low	17.28	Pass
		HCH	QPSK	RB1#High	17.29	Pass
				RB100#High	17.30	Pass
			16-QAM	RB1#High	17.31	Pass
				RB100#High	17.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 66	1.4 MHz	LCH	QPSK	RB1#0	18.1	Pass
				RB6#0	18.2	Pass
			16-QAM	RB1#0	18.3	Pass
				RB6#0	18.4	Pass
		HCH	QPSK	RB1#5	18.5	Pass
				RB6#0	18.6	Pass
			16-QAM	RB1#5	18.7	Pass
				RB6#0	18.8	Pass
	3 MHz	LCH	QPSK	RB1#0	18.9	Pass
				RB15#0	18.10	Pass
			16-QAM	RB1#0	18.11	Pass
				RB15#0	18.12	Pass
		HCH	QPSK	RB1#14	18.13	Pass
				RB15#0	18.14	Pass
			16-QAM	RB1#14	18.15	Pass
				RB15#0	18.16	Pass
	5 MHz	LCH	QPSK	RB1#0	18.17	Pass
				RB25#0	18.18	Pass
			16-QAM	RB1#0	18.19	Pass
				RB25#0	18.20	Pass
		HCH	QPSK	RB1#24	18.21	Pass
				RB25#0	18.22	Pass
			16-QAM	RB1#24	18.23	Pass
				RB25#0	18.24	Pass
	10 MHz	LCH	QPSK	RB1#0	18.25	Pass
				RB50#0	18.26	Pass
			16-QAM	RB1#0	18.27	Pass
				RB50#0	18.28	Pass
		HCH	QPSK	RB1#49	18.29	Pass
				RB50#0	18.30	Pass
			16-QAM	RB1#49	18.31	Pass
				RB50#0	18.32	Pass
	15 MHz	LCH	QPSK	RB1#0	18.33	Pass
				RB75#0	18.34	Pass
			16-QAM	RB1#0	18.35	Pass
				RB75#0	18.36	Pass
		HCH	QPSK	RB1#74	18.37	Pass
				RB75#0	18.38	Pass
			16-QAM	RB1#74	18.39	Pass
				RB75#0	18.40	Pass
	20 MHz	LCH	QPSK	RB1#0	18.41	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
				RB100#0	18.42	Pass
			16-QAM	RB1#0	18.43	Pass
				RB100#0	18.44	Pass
		HCH	QPSK	RB1#99	18.45	Pass
				RB100#0	18.46	Pass
			16-QAM	RB1#99	18.47	Pass
				RB100#0	18.48	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note1]	Verdict
		Size	Offset	Size	Offset		
CA_2C							
20MHz+5MHz							
Low	QPSK	1	0	1	0	19.1	Pass
		1	0	1	24	19.2	Pass
		100	0	25	0	19.3	Pass
	16-QAM	1	0	1	0	19.4	Pass
		1	0	1	24	19.5	Pass
		100	0	25	0	19.6	Pass
High	QPSK	1	99	1	24	19.7	Pass
		1	0	1	24	19.8	Pass
		100	0	25	0	19.9	Pass
	16-QAM	1	99	1	24	19.10	Pass
		1	0	1	24	19.11	Pass
		100	0	25	0	19.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	0	19.13	Pass
		1	0	1	99	19.14	Pass
		100	0	100	0	19.15	Pass
	16-QAM	1	0	1	0	19.16	Pass
		1	0	1	99	19.17	Pass
		100	0	100	0	19.18	Pass
High	QPSK	1	99	1	99	19.19	Pass
		1	0	1	99	19.20	Pass
		100	0	100	0	19.21	Pass
	16-QAM	1	99	1	99	19.22	Pass
		1	0	1	99	19.23	Pass
		100	0	100	0	19.24	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note1]	Verdict
		Size	Offset	Size	Offset		
CA_5B							
10MHz+5MHz							
Low	QPSK	1	0	1	0	20.1	Pass
		1	0	1	24	20.2	Pass
		50	0	25	0	20.3	Pass
	16-QAM	1	0	1	0	20.4	Pass
		1	0	1	24	20.5	Pass
		50	0	25	0	20.6	Pass
High	QPSK	1	49	1	24	20.7	Pass
		1	0	1	24	20.8	Pass
		50	0	25	0	20.9	Pass
	16-QAM	1	49	1	24	20.10	Pass
		1	0	1	24	20.11	Pass
		50	0	25	0	20.12	Pass
10MHz+10MHz							
Low	QPSK	1	0	1	0	20.13	Pass
		1	0	1	49	20.14	Pass
		50	0	50	0	20.15	Pass
	16-QAM	1	0	1	0	20.16	Pass
		1	0	1	49	20.17	Pass
		50	0	50	0	20.18	Pass
High	QPSK	1	49	1	49	20.19	Pass
		1	0	1	49	20.20	Pass
		50	0	50	0	20.21	Pass
	16-QAM	1	49	1	49	20.22	Pass
		1	0	1	49	20.23	Pass
		50	0	50	0	20.24	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note1]	Verdict
		Size	Offset	Size	Offset		
CA_7C							
20MHz+10MHz							
Low	QPSK	1	0	1	0	21.1	Pass
		1	0	1	49	21.2	Pass
		100	0	50	0	21.3	Pass
	16-QAM	1	0	1	0	21.4	Pass
		1	0	1	49	21.5	Pass
		100	0	50	0	21.6	Pass
High	QPSK	1	0	1	49	21.7	Pass
		1	99	1	49	21.8	Pass
		100	0	50	0	21.9	Pass
	16-QAM	1	0	1	49	21.10	Pass
		1	99	1	49	21.11	Pass
		100	0	50	0	21.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	0	21.13	Pass
		1	0	1	99	21.14	Pass
		100	0	100	0	21.15	Pass
	16-QAM	1	0	1	0	21.16	Pass
		1	0	1	99	21.17	Pass
		100	0	100	0	21.18	Pass
High	QPSK	1	0	1	99	21.19	Pass
		1	99	1	99	21.20	Pass
		100	0	100	0	21.21	Pass
	16-QAM	1	0	1	99	21.22	Pass
		1	99	1	99	21.23	Pass
		100	0	100	0	21.24	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note1]	Verdict
		Size	Offset	Size	Offset		
CA_38C							
15MHz+15MHz							
Low	QPSK	1	0	1	0	22.1	Pass
		1	0	1	74	22.2	Pass
		75	0	75	0	22.3	Pass
	16-QAM	1	0	1	0	22.4	Pass
		1	0	1	74	22.5	Pass
		75	0	75	0	22.6	Pass
High	QPSK	1	0	1	74	22.7	Pass
		1	74	1	74	22.8	Pass
		75	0	75	0	22.9	Pass
	16-QAM	1	0	1	74	22.10	Pass
		1	74	1	74	22.11	Pass
		75	0	75	0	22.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	0	22.13	Pass
		1	0	1	99	22.14	Pass
		100	0	100	0	22.15	Pass
	16-QAM	1	0	1	0	22.16	Pass
		1	0	1	99	22.17	Pass
		100	0	100	0	22.18	Pass
High	QPSK	1	0	1	99	22.19	Pass
		1	99	1	99	22.20	Pass
		100	0	100	0	22.21	Pass
	16-QAM	1	0	1	99	22.22	Pass
		1	99	1	99	22.23	Pass
		100	0	100	0	22.24	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note1]	Verdict
		Size	Offset	Size	Offset		
CA_41C							
20MHz+5MHz							
Low	QPSK	1	0	1	0	23.1	Pass
		1	0	1	24	23.2	Pass
		100	0	25	0	23.3	Pass
	16-QAM	1	0	1	0	23.4	Pass
		1	0	1	24	23.5	Pass
		100	0	25	0	23.6	Pass
High	QPSK	1	0	1	24	23.7	Pass
		1	99	1	24	23.8	Pass
		100	0	25	0	23.9	Pass
	16-QAM	1	0	1	24	23.10	Pass
		1	99	1	24	23.11	Pass
		100	0	25	0	23.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	0	23.13	Pass
		1	0	1	99	23.14	Pass
		100	0	100	0	23.15	Pass
	16-QAM	1	0	1	0	23.16	Pass
		1	0	1	99	23.17	Pass
		100	0	100	0	23.18	Pass
High	QPSK	1	0	1	99	23.19	Pass
		1	99	1	99	23.20	Pass
		100	0	100	0	23.21	Pass
	16-QAM	1	0	1	99	23.22	Pass
		1	99	1	99	23.23	Pass
		100	0	100	0	23.24	Pass

Test Channel	Modulation	PCC RB		SCC RB		Refer to Plot[Note1]	Verdict
		Size	Offset	Size	Offset		
CA_66C							
20MHz+5MHz							
Low	QPSK	1	0	1	0	24.1	Pass
		1	0	1	24	24.2	Pass
		100	0	25	0	24.3	Pass
	16-QAM	1	0	1	0	24.4	Pass
		1	0	1	24	24.5	Pass
		100	0	25	0	24.6	Pass
High	QPSK	1	0	1	24	24.7	Pass
		1	99	1	24	24.8	Pass
		100	0	25	0	24.9	Pass
	16-QAM	1	0	1	24	24.10	Pass
		1	99	1	24	24.11	Pass
		100	0	25	0	24.12	Pass
20MHz+20MHz							
Low	QPSK	1	0	1	0	24.13	Pass
		1	0	1	99	24.14	Pass
		100	0	100	0	24.15	Pass
	16-QAM	1	0	1	0	24.16	Pass
		1	0	1	99	24.17	Pass
		100	0	100	0	24.18	Pass
High	QPSK	1	0	1	99	24.19	Pass
		1	99	1	99	24.20	Pass
		100	0	100	0	24.21	Pass
	16-QAM	1	0	1	99	24.22	Pass
		1	99	1	99	24.23	Pass
		100	0	100	0	24.24	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-SH2530273-501 Data Part 5.pdf”.

Note 4: The disturbance above 26.5GHz was very low, and the above harmonics were the highest point could befound when testing, so only the worst case data displayed in this report.

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Refer to Plot[Note3]	Verdict
GSM 850	LCH	1.1	Pass
	MCH		Pass
	HCH		Pass
GSM 1900	LCH	1.2	Pass
	MCH		Pass
	HCH		Pass
WCDMA Band 2	LCH	2.1	Pass
	MCH		Pass
	HCH		Pass
WCDMA Band 4	LCH	2.2	Pass
	MCH		Pass
	HCH		Pass
WCDMA Band 5	LCH	2.3	Pass
	MCH		Pass
	HCH		Pass

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Refer to Plot[Note3]	Verdict
Band 2	1.4 MHz	18607	3.1	Pass
Band 4	3 MHz	19965	3.2	Pass
Band 5	1.4 MHz	20407	3.3	Pass
Band 7	20 MHz	21100	3.4	Pass
Band 12	1.4 MHz	23173	3.5	Pass
Band 17	5 MHz	23825	3.6	Pass
Band 38	20 MHz	38150	3.7	Pass
Band 41	20 MHz	41490	3.8	Pass
Band 66	20 MHz	132572	3.9	Pass

Test Channel	Modulation	UL RB Number		UL RB Position		Refer to Plot[Note3]	Verdict
CA_2C							
15MHz+10MHz							
18851|18971	QPSK	1	1	High	Low	4.1	Pass

Test Channel	Modulation	UL RB Number		UL RB Position		Refer to Plot[Note3]	Verdict
CA_5B							
10MHz+10MHz							
20476|20575	QPSK	1	1	High	Low	4.2	Pass

Test Channel	Modulation	UL RB Number		UL RB Position		Refer to Plot[Note3]	Verdict
CA_7C							
20MHz+15MHz							
21201|21372	QPSK	1	1	High	Low	4.3	Pass

Test Channel	Modulation	UL RB Number		UL RB Position		Refer to Plot[Note3]	Verdict
CA_38C							
15MHz+15MHz							
37925|38075	QPSK	1	1	High	Low	4.4	Pass

Test Channel	Modulation	UL RB Number		UL RB Position		Refer to Plot[Note3]	Verdict
CA_41C							
20MHz+20MHz							
40140|40338	QPSK	1	1	High	Low	4.5	Pass

Test Channel	Modulation	UL RB Number		UL RB Position		Refer to Plot[Note3]	Verdict
CA_66C							
10MHz+15MHz							
132477|132597	QPSK	1	1	High	Low	4.6	Pass

ANNEX B TEST SETUP PHOTOS

Please refer to the document “BL-SH2530273-AR RF.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer to the document “BL-SH2530273-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer to the document “BL-SH2530273-AI.PDF”.

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--END OF REPORT--