TEST REPORT

Applicant:	Cavli Inc
Address:	99 South Almaden Blvd., Suite 600,San Jose, CA, USA
Equipment Type:	LTE MODEM
Model Name:	CQS290
Brand Name:	Cavli Wireless
FCC ID:	2BB64CQS290
Test Standard:	47 CFR Part 2 (Others refer to chapter 3.1)
Sample Arrival Date:	Nov.27,2024
Test Date:	Dec.30,2024-Jan.25,2025
Date of Issue:	Jun.9, 2025

ISSUED BY:

Shanghai Tejet Communications Technology Co., Ltd. Testing Center

Tested by: Yan Jun **Checked by:** Zhu Feng **Approved by:** Chen Zidong

(Technical Director)

Yan Jun Zhu Feng Chen Zidong

Revision History

Version	Issue Date	Revisions Content
Rev. 01	Jan.22, 2025	Initial Issue
Rev. 02	Jun.9, 2025	Update General Description for Equipment under Test (EUT) in section2.4,Test Equipment and Test Software List in section 4.2 and add new operation Band66. The original report is invalid.

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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	Cavli Inc
Address	99 South Almaden Blvd., Suite 600,San Jose, CA, USA

2.2 Manufacturer Information

Manufacturer	Cavli Inc
Address	99 South Almaden Blvd., Suite 600,San Jose, CA, USA

2.3 Factory Information

Factory	/
Address	/

2.4 General Description for Equipment under Test (EUT)

EUT Name	LTE MODEM
Model Name Under Test	CQS290
Series Model Name	CQS290-WW-108GNAN,CQS290-WW-108GNAH CQS290-WW-216GNAN,CQS290-WW-216GNAH CQS290-WW-232GNAN,CQS290-WW-232GNAH CQS290-WW-332GNAN,CQS290-WW-232GNAH CQS290-WW-364GNAN,CQS290-WW-364GNAH CQS290-WW-432GNAN,CQS290-WW-432GNAH CQS290-WW-464GNAN,CQS290-WW-464GNAH
Description of Model name differentiation	

Variants	GNSS	eSim
CQS290-WW-108GNAN	Yes	No
CQS290-WW-108GNAH	Yes	Yes
CQS290-WW-216GNAN	Yes	No
CQS290-WW-216GNAH	Yes	Yes
CQS290-WW-232GNAN	Yes	No
CQS290-WW-232GNAH	Yes	Yes
CQS290-WW-332GNAN	Yes	No
CQS290-WW-332GNAH	Yes	Yes
CQS290-WW-364GNAN	Yes	No
CQS290-WW-364GNAH	Yes	Yes
CQS290-WW-432GNAN	Yes	No

	CQS290-WW-432GNAH	Yes	Yes
	CQS290-WW-464GNAN	Yes	No
	CQS290-WW-464GNAH	Yes	Yes
	(This information provided by the customer)		
Sample No	BL-SH24B0903-S01		
Hardware Version	v2.2		
Software Version	N/A		
Dimensions (Approx.)	40.5mm×40.5mm×2.7mm		
Weight (Approx.)	N/A		

2.5 Technical Information

All Network and Wireless connectivity for EUT	4G Network FDD LTE Band 1/2/3/4/5/7/8/12/13/18/19/20/25/26/28/66 TDD LTE Band 38/40/41 Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a,802.11n(HT20/40),802.11ac(VHT20/40/80) 5.8G SRD,GPS,BDS, GLONASS,Galileo
About the Product	The equipment is LTE MODEM Terminal, intended for used with information technology equipment.

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

Operating Bands	FDD LTE Band 2/4/5/7/12/13/18/19/25/26/66 TDD LTE Band 38/41(full)	
Modulation Type	LTE	QPSK/16QAM
Antenna Type	PIFA Antenna	
Antenna Gain	FDD LTE Band 2: 5.00 dBi FDD LTE Band 4: 5.00 dBi FDD LTE Band 5: 5.00 dBi FDD LTE Band 7: 5.00 dBi FDD LTE Band 12: 5.00 dBi FDD LTE Band 13: 5.00 dBi FDD LTE Band 18 (Part22): 5.00 dBi FDD LTE Band 18 (Part90):5.00 dBi FDD LTE Band 19: 5.00 dBi FDD LTE Band 25: 5.00 dBi FDD LTE Band 26 (Part22): 5.00 dBi FDD LTE Band 26 (Part90): 5.00 dBi TDD LTE Band 38: 5.00 dBi TDD LTE Band 41(full): 5.00 dBi FDD LTE Band 66: 5.00 dBi	
The Max RF Output Power (EIRP/ERP)	FDD LTE Band 2: 28.28 dBm FDD LTE Band 4: 27.72 dBm FDD LTE Band 5: 25.78 dBm FDD LTE Band 7: 27.36 dBm FDD LTE Band 12: 25.61 dBm FDD LTE Band 13: 27.00 dBm FDD LTE Band 18 (Part 22): 25.14 dBm FDD LTE Band 18 (Part 90): 25.04 dBm FDD LTE Band 19: 25.38 dBm FDD LTE Band 25: 27.75 dBm FDD LTE Band 26 (Part 22):25.77 dBm	

		FDD LTE Band 26 (Part 90): 25.32 dBm TDD LTE Band 38: 27.04 dBm TDD LTE Band 41(full): 27.39 dBm FDD LTE Band 66:27.43 dBm	
Band	Power Class	Tx Frequency Range	Rx Frequency Range
LTE B2	3	1850 MHz ~ 1910 MHz	1930 MHz ~ 1990 MHz
LTE B4	3	1710 MHz ~ 1755 MHz	2110 MHz ~ 2155 MHz
LTE B5	3	824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
LTE B7	3	2500 MHz ~ 2570 MHz	2620 MHz ~ 2690 MHz
LTE B12	3	699 MHz ~ 716 MHz	729 MHz ~ 746 MHz
LTE B13	3	777 MHz ~ 787 MHz	746 MHz ~ 756 MHz
LTE B18	3	815 MHz ~ 824 MHz	860 MHz ~ 869 MHz
		824 MHz ~ 830 MHz	869 MHz ~ 875 MHz
LTE B19	3	830 MHz ~ 845 MHz	875 MHz ~ 890 MHz
LTE B25	3	1850 MHz ~ 1915 MHz	1930 MHz ~ 1995 MHz
LTE B26	3	814 MHz ~ 824 MHz	859 MHz ~ 869 MHz
		824 MHz ~ 849 MHz	869 MHz ~ 894 MHz
LTE B38	3	2570 MHz ~ 2620 MHz	2570 MHz ~ 2620 MHz
LTE B41(full)	3	2496 MHz ~ 2690 MHz	2496 MHz ~ 2690 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	47 CFR Part 90 Subpart S	Regulations Governing Licensing and Use of Frequencies in the 806-824, 851-869, 896-901, and 935-940 MHz Bands
6	ANSI C63.26-2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
7	KDB 971168 D01 v03	Measurement Guidance for Certification of Licensed Digital Transmitters

3.2 Test Verdict

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

3.3 Measurement Uncertainty

Test Case	Uncertainty
Conducted RF Output Power	0.68dB
Effective (Isotropic) Radiated Power	2.50dB
Peak to Average Radio	0.015%
Occupied Bandwidth	1.4/3MHz: 30kHz 5/10MHZ: 100KHZ 15/20MHZ: 300kHz
Frequency Stability	12Hz
Spurious Emission at Antenna Terminal0073	2.56dB
Band Edge	1.48dB
Field Strength of Spurious Radiation	4.55dB

3.4 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)	4.0V
	LV (Low Voltage)	3.5V
	HV (High Voltage)	4.4V
Test Temperature of the EUT	NT (Normal Temperature)	15 °C to 35 °C
	LT (Low Temperature)	-30 °C
	HT (High Temperature)	+85 °C

4.2 Test Equipment List

Description	Manufacturer	Model	Equipment No.	Software /Firmware Version	Cal. Date	Cal. Due
BL410 2G/3G/4G/5G RF Test System						
Wideband Radio Communication Tester	R&S	CMW 500	BH-EMC-L064	V3.7.60	2024/2/12	2025/2/12
PSA Spectrum Analyzer	Agilent	E4440A	TJEMC013	A.11.07	2024/4/6	2025/4/6
Signal Generator	Keysight	N5173B	BH-EMC-L074	B.01.90	2024/2/12	2025/2/12
DC Power Supply	ITECH	IT6863A	BH-EMC-L113	N/A	2024/2/12	2025/2/12
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
Wireless Communication Comprehensiv	Starpoint	SP9500-CTS	BH-EMC-L093	NA	2024/2/12	2025/2/12

Description	Manufacturer	Model	Equipment No.	Software /Firmware Version	Cal. Date	Cal. Due
e Tester						
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	2023/3/11	2026/3/10
Test Antenna-Horn	Schwarzbeck	BBHA 9120D	BH-EMC-L044	NA	2023/3/11	2026/3/10
Anechoic Chamber	YIHENG	9m*6m*6m	BH-EMC-L001	NA	2023/4/14	2026/4/13
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	2024/2/12	2025/2/11
Radio Communication Analyzer	Anritsu	MT8000A	TJOTA080	N/A	2024/4/23	2025/4/23
Test Software	BALUN	BL410-E	NA	V21.919	N/A	N/A

4.3 Test Configurations

LTE Band	Bandwidth (MHz)						Modulation Type		RB#			Test Channel		
	1.4	3	5	10	15	20	QPSK	16-QAM	1	Half	Full	LCH	MCH	HCH
Effective (Isotropic) Radiated Power														
2	v	v	v	v	v	v	v	v	v	v	v	v	v	v
4	v	v	v	v	v	v	v	v	v	v	v	v	v	v
5	v	v	v	v	n	n	v	v	v	v	v	v	v	v
7	n	n	v	v	v	v	v	v	v	v	v	v	v	v
12	v	v	v	v	n	n	v	v	v	v	v	v	v	v
13	n	n	v	v	n	n	v	v	v	v	v	v	v	v
18(Part22)	n	n	v	--	--	n	v	v	v	v	v	v	v	v
18(Part90)	n	n	v	--	--	n	v	v	v	v	v	v	v	v
19	n	n	v	v	v	n	v	v	v	v	v	v	v	v
25	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26(Part22)	v	v	v	v	v	n	v	v	v	v	v	v	v	v
26(Part90)	v	v	v	v	--	n	v	v	v	v	v	v	v	v
38	n	n	v	v	v	v	v	v	v	v	v	v	v	v
41	n	n	v	v	v	v	v	v	v	v	v	v	v	v
66	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak to Average Ratio														
2	--	--	--	--	--	v	v	v	v	--	v	v	v	v
4	--	--	--	--	--	v	v	v	v	--	v	v	v	v
5	--	--	--	v	n	n	v	v	v	--	v	v	v	v
7	n	n	--	--	--	v	v	v	v	--	v	v	v	v
12	--	--	--	v	n	n	v	v	v	--	v	v	v	v
13	n	n	--	v	n	n	v	v	v	--	v	--	v	--
18(Part22)	--	--	v	--	--	--	v	v	v	--	v	--	v	--
18(Part90)	--	--	v	--	--	--	v	v	v	--	v	--	v	--
19	--	--	--	--	v	--	v	v	v	--	v	--	v	--
25	--	--	--	--	--	v	v	v	v	--	v	v	v	v
26(Part22)	--	--	--	--	v	n	v	v	v	--	v	v	v	v
26(Part90)	--	--	--	v	--	n	v	v	v	--	v	--	v	--
38	n	n	--	--	--	v	v	v	v	--	v	v	v	v
41	n	n	--	--	--	v	v	v	v	--	v	v	v	v
66	--	--	--	--	--	v	v	v	v	--	v	v	v	v
Occupied Bandwidth														
2	v	v	v	v	v	v	v	v	--	--	v	v	v	v
4	v	v	v	v	v	v	v	v	--	--	v	v	v	v
5	v	v	v	v	n	n	v	v	--	--	v	v	v	v
7	n	n	v	v	v	v	v	v	--	--	v	v	v	v
12	v	v	v	v	n	n	v	v	--	--	v	v	v	v

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
13	n	n	v	v	n	n	v	v	--	--	v	v	v	v
18(Part22)	n	n	v	--	--	n	v	v	--	--	v	v	v	v
18(Part90)	n	n	v	--	--	n	v	v	--	--	v	v	v	v
19	n	n	v	v	v	n	v	v	--	--	v	v	v	v
25	v	v	v	v	v	v	v	v	--	--	v	v	v	v
26(Part22)	v	v	v	v	v	n	v	v	--	--	v	v	v	v
26(Part90)	v	v	v	v	--	n	v	v	--	--	v	v	v	v
38	n	n	v	v	v	v	v	v	--	--	v	v	v	v
41	n	n	v	v	v	v	v	v	--	--	v	v	v	v
66	v	v	v	v	v	v	v	v	--	--	v	v	v	v
Frequency Stability														
2	--	--	--	v	--	--	v	v	--	--	v	--	v	--
4	--	--	--	v	--	--	v	v	--	--	v	--	v	--
5	--	--	--	v	n	n	v	v	--	--	v	--	v	--
7	n	n	--	v	--	--	v	v	--	--	v	--	v	--
12	--	--	--	v	n	n	v	v	--	--	v	--	v	--
13	n	n	--	v	n	n	v	v	--	--	v	--	v	--
18(Part22)	--	--	v	--	--	--	v	v	--	--	v	--	v	--
18(Part90)	--	--	v	--	--	--	v	v	--	--	v	--	v	--
19	--	--	--	v	--	--	v	v	--	--	v	--	v	--
25	--	--	--	v	--	--	v	v	--	--	v	--	v	--
26(Part22)	--	--	--	v	--	n	v	v	--	--	v	--	v	--
26(Part90)	--	--	--	v	--	n	v	v	--	--	v	--	v	--
38	n	n	--	v	--	--	v	v	--	--	v	--	v	--
41	n	n	--	v	--	--	v	v	--	--	v	--	v	--
66	n	n	v	--	--	--	v	v	--	--	v	--	v	--
Spurious Emission at Antenna Terminals														
2	v	v	v	v	v	v	v	v	v	--	--	v	v	v
4	v	v	v	v	v	v	v	v	v	--	--	v	v	v
5	v	v	v	v	n	n	v	v	v	--	--	v	v	v
7	n	n	v	v	v	v	v	v	v	--	--	v	v	v
12	v	v	v	v	n	n	v	v	v	--	--	v	v	v
13	n	n	v	v	n	n	v	v	v	--	--	v	v	v
18(Part22)	n	n	v	n	n	n	v	v	v	--	--	v	v	v
18(Part90)	n	n	v	n	n	n	v	v	v	--	--	v	v	v
19	n	n	v	v	v	n	v	v	v	--	--	v	v	v
25	v	v	v	v	v	v	v	v	v	--	--	v	v	v
26(Part22)	v	v	v	v	v	n	v	v	v	--	--	v	v	v
26(Part90)	v	v	v	v	--	n	v	v	v	--	--	v	v	v
38	n	n	v	v	v	v	v	v	v	--	--	v	v	v
41	n	n	v	v	v	v	v	v	v	--	--	v	v	v

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
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
13	n	n	v	v	n	n	v	v	v	--	v	v	--	v
18(Part22)	n	n	v	n	n	n	v	v	v	--	v	v	--	v
18(Part90)	n	n	v	n	n	n	v	v	v	--	v	v	--	v
19	n	n	v	v	v	n	v	v	v	--	v	v	--	v
25	v	v	v	v	v	v	v	v	v	--	v	v	--	v
26(Part22)	v	v	v	v	v	n	v	v	v	--	v	v	--	v
26(Part90)	v	v	v	v	--	n	v	v	v	--	v	v	--	v
38	n	n	v	v	v	v	v	v	v	--	v	v	--	v
41	n	n	v	v	v	v	v	v	v	--	v	v	--	v
66	v	v	v	v	v	v	v	v	v	--	v	v	--	v

Field Strength of Spurious Radiation	
2	Worst case
4	Worst case
5	Worst case
7	Worst case
12	Worst case
13	Worst case
18(Part22)	Worst case
18(Part90)	Worst case
19	Worst case
25	Worst case
26(Part22)	Worst case
26(Part90)	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

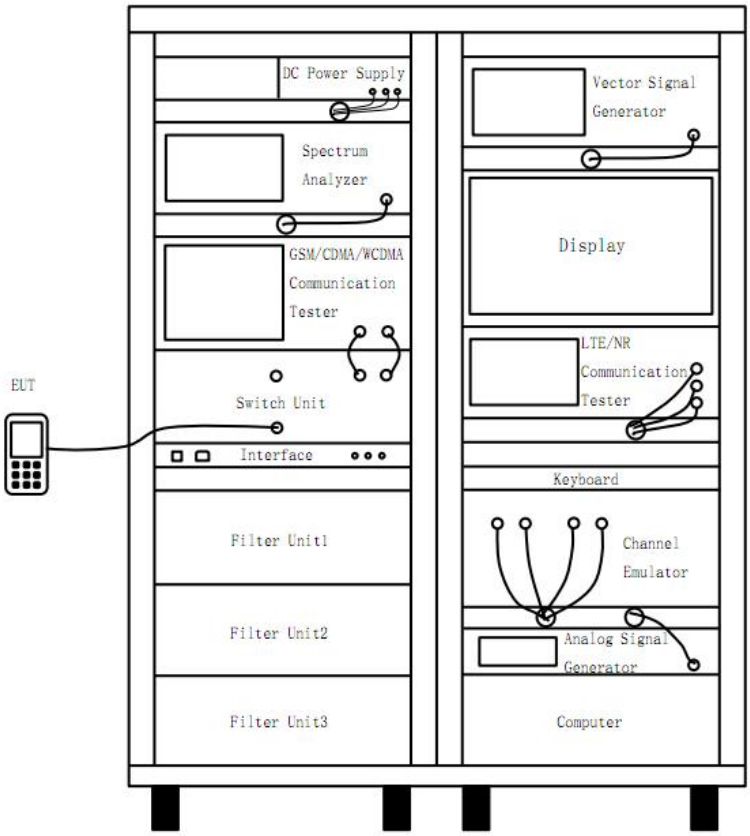
Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
	High Range	5	21425	2567.5
		10	21400	2565
		15	21375	2562.5
		20	21350	2560
LTE Band 12	Low Range	1.4	23017	699.7
		3	23025	700.5
		5	23035	701.5
		10	23060	704
	Middle Range	1.4/3/5/10	23095	707.5
	High Range	1.4	23173	715.3
		3	23165	714.5
		5	23155	713.5
		10	23130	711
LTE Band 13	Low Range	5	23205	779.5
		10	23230	782
	Middle Range	5/10	23230	782
	High Range	5	23255	784.5
		10	23230	782
LTE Band 18 (815-824MHz)	Low Range	5	23875	817.5
	Middle Range	5	23895	819.5
	High Range	5	23915	821.5
LTE Band 18 (824-830MHz)	Low Range	5	23965	826.5
	Middle Range	5	23970	827
	High Range	5	23975	827.5
LTE Band 19	Low Range	5	24025	832.5
		10	24050	835
		15	24075	837.5
	Middle Range	5/10/15	24075	837.5
	High Range	5	24125	842.5
		10	24100	840
		15	24075	837.5
LTE Band 25	Low Range	1.4	26047	1850.7
		3	26055	1851.5
		5	26065	1852.5
		10	26090	1855
		15	26115	1857.5
		20	26140	1860
	Middle Range	1.4/3/5/10/15/20	26365	1882.5
	High Range	1.4	26683	1914.3
		3	26675	1913.5
		5	26665	1912.5

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
		10	26640	1910
		15	26615	1907.5
		20	26590	1905
LTE Band 26 (Part90)	Low Range	1.4	26697	814.7
		3	26705	815.5
		5	26715	816.5
		10	---	---
	Middle Range	1.4/3/5/10	26740	819
	High Range	1.4	26783	823.3
		3	26775	822.5
		5	26765	821.5
		10	---	---
LTE Band 26 (Part22)	Low Range	1.4	26797	824.7
		3	26805	825.5
		5	26815	826.5
		10	26840	829
		15	26865	831.5
	Middle Range	1.4/3/5/10/15	26915	836.5
	High Range	1.4	27033	848.3
		3	27025	847.5
		5	27015	846.5
		10	26990	844
		15	26965	841.5
LTE Band 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(full)	Low Range	5	39675	2498.5
		10	39700	2501
		15	39725	2503.5
		20	39750	2506
	Middle Range	5/10/15/20	40620	2593
	High Range	5	41565	2687.5
		10	41540	2685
		15	41515	2682.5
		20	41490	2680

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
LTE Band 66	Low Range	1.4	131979	1710.7
		3	131987	1711.5
		5	131997	1712.5
		10	132022	1715
		15	132047	1717.5
		20	132072	1720
	Middle Range	1.4/3/5/10/15/20	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

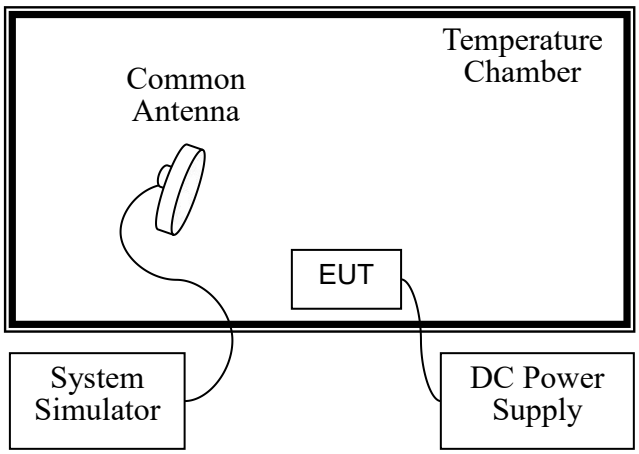
4.4 Test Setup

4.4.1 For Antenna Port Test



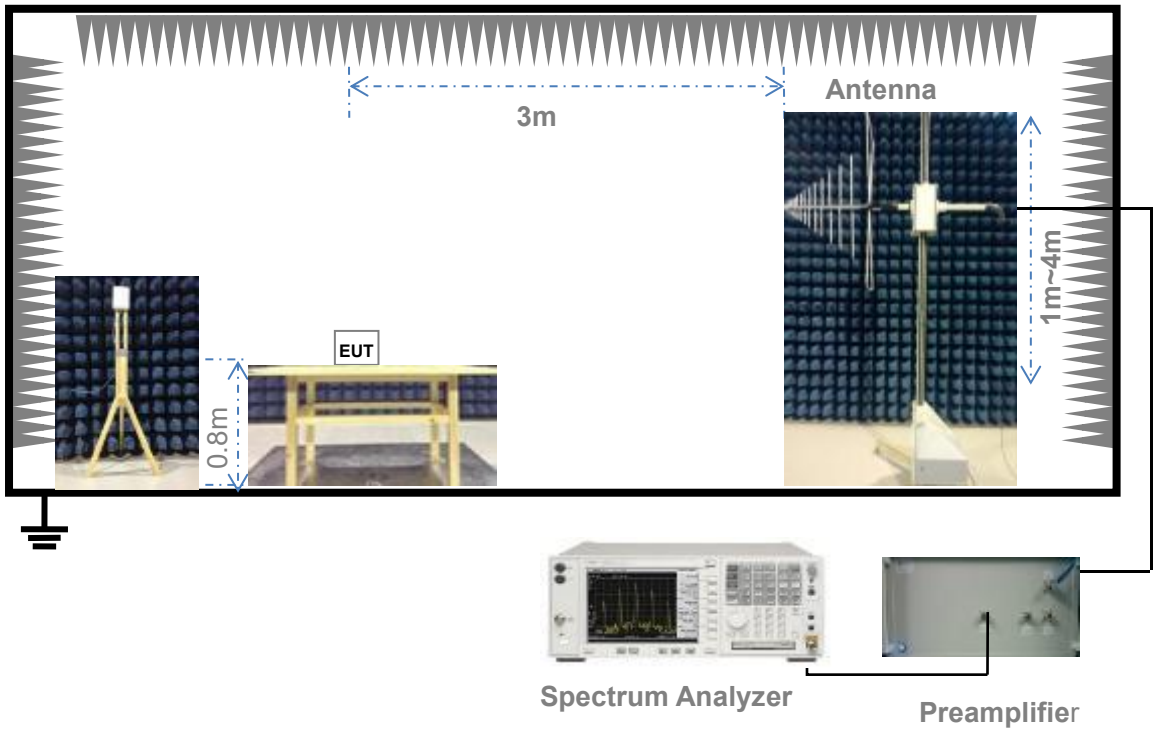
(Diagram 1)

4.4.2 For Frequency Stability Test



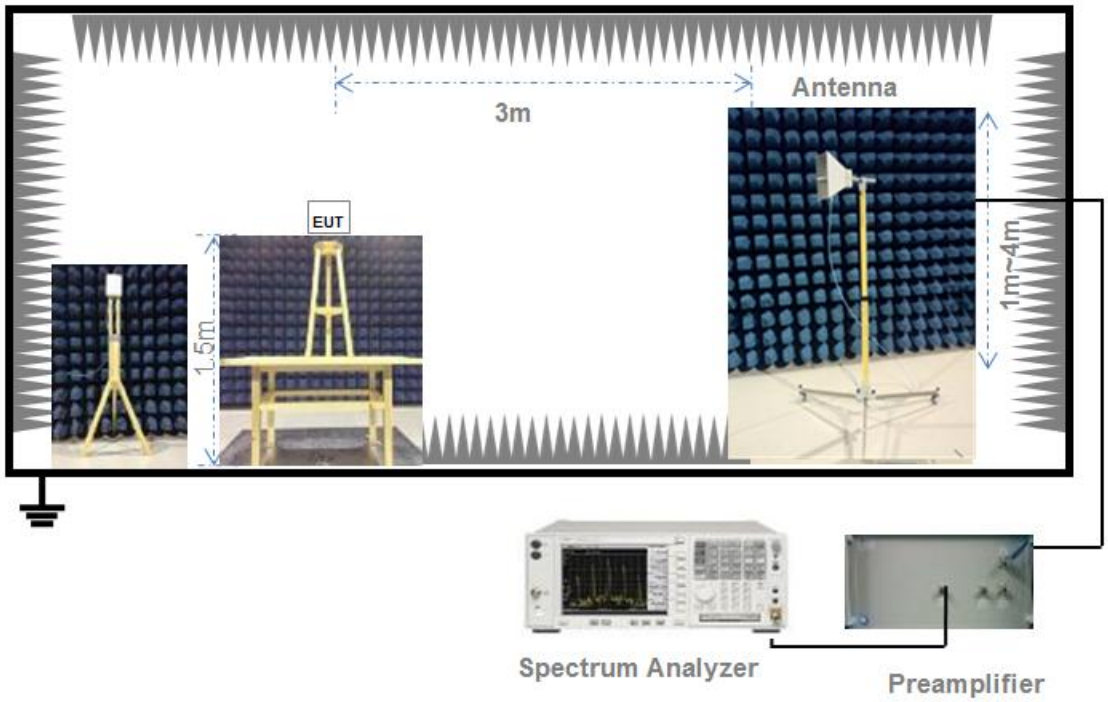
(Diagram 2)

4.4.3 For Radiated Test (30 MHz ~ 1 GHz)



(Diagram 3)

4.4.4 For Radiated Test (Above 1 GHz)



(Diagram 4)

5 TEST ITEMS

5.1 Transmitter Radiated Power (EIRP/ERP)

5.1.1 Limit

FCC § 2.1046 & 22.913(a) & 24.232(c) & 27.50(a) & 27.50(b) & 27.50(c) & 27.50(d) & 27.50(h) & 27.50(j) & 27.50(k) & 90.635(b)

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.

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

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.

5.1.5 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 Peak to Average Ratio

5.2.1 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.

5.2.2 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).

5.2.3 Test Result

Please refer to ANNEX A.2.

5.3 Occupied Bandwidth

5.3.1 Limit

FCC § 2.1049

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission.

Many of the individual rule parts specify a relative OBW in lieu of the 99% OBW. In such cases, the OBW is defined as the width of the signal between two points, one below the carrier center frequency and on above the carrier center frequency, outside of which all emissions are attenuated by at least X dB below the transmitter power, where the value of X is typically specified as 26.

5.3.2 Test Setup

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

5.3.3 Test Procedure

The following procedure shall be used for measuring power bandwidth.

a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts (i.e., two to five times the anticipated OBW).

b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.

c) Set the reference level of the instrument as required to keep the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope must be at least 10log (OBW / RBW) below the reference level.

d) NOTE—Steps a) through c) may require iteration to adjust within the specified tolerances.

e) For -26 dB OBW, the dynamic range of the spectrum analyzer at the selected RBW shall be at least 10dB below the target “-X dB down” requirement, e.g. -26 dB OBW, the spectrum analyzer noise floor at the selected RBW shall be 36dB below the reference value.

f) Set the detection mode to peak, and the trace mode to max hold.

g) For 99% OBW, use the 99 % power bandwidth function of the spectrum analyzer (if available) and report the measured bandwidth.

If the instrument does not have a 99 % power bandwidth function, the trace data points are to be recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is

recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99 % power bandwidth is the difference between these two frequencies.

h) For -26 dB OBW, determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value).

Determine the “-X dB down amplitude” as equal to (reference value -X). Alternatively, this calculation can be performed by the analyzer by using the marker-delta function.

Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below “-X dB down amplitude” determined in step g). If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.

i) The OBW shall be reported by providing plot(s) of the measuring instrument display. The frequency and amplitude axes and scale shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

j) Change variable modulations, coding, or channel bandwidth settings, then repeat above test procedures.

5.3.4 Test Result

Please refer to ANNEX A.3.

5.4 Frequency Stability

5.4.1 Limit

FCC § 2.1055 & 22.355 & 24.235 & 27.54 & 90.213

FCC § 2.1055

The frequency stability shall be measured with variation of ambient temperature as follows:

(1) The temperature is varied from -30°C to +85°C.

(2) Frequency measurements shall be made at the extremes of the specified temperature range and at intervals of not more than 10°C through the range.

The frequency stability shall be measured with variation of primary supply voltage as follows:

(1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than carried battery equipment.

(2) For hand carried, battery powered equipment, reduce primary supply voltage to the battery operating and point which shall be specified by the manufacture.

(3) The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided.

FCC § 22.355

Except as otherwise provided in this part, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table C-1 of this section.

Table C-1—Frequency Tolerance for Transmitters in the Public Mobile Services

Frequency range (MHz)	Base, fixed (ppm)	Mobile > 3 watts (ppm)	Mobile ≤ 3 watts (ppm)
25 to 50	20.0	20.0	50.0
50 to 450	5.0	5.0	50.0
450 to 512	2.5	5.0	5.0
821 to 896	1.5	2.5	2.5
928 to 929	5.0	n/a	n/a
929 to 960	1.5	n/a	n/a
2110 to 2220	10.0	n/a	n/a

FCC § 24.235

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

FCC § 27.54

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

FCC § 90.213

The frequency stability shall not depart from the reference frequency in excess of ±2.5ppm for mobile stations.

5.4.2 Test Setup

The section 4.4.2 (Diagram 2) test setup description is used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

1. The EUT is placed in a temperature chamber.

2. The temperature is set to 25°C and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured.

3. The temperature is increased by not more than 10 degrees, allowed to stabilize and soak, and then repeat the frequency error measurement.

4. Repeat procedure 3 until +85°C and -30°C is reached.

5. Change supply voltage, and repeat measurement until extreme voltage is reached.

5.4.4 Test Result

Please refer to ANNEX A.4.

5.5 Spurious Emission at Antenna Terminals

5.5.1 Limit

FCC § 2.1051 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(f) & 27.53(g) & 27.53(h) & 27.53(l) & 27.53(m) & 27.53(n) & 90.691

In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

FCC § 22.917(a) & 24.238(a)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43+10*log(P) dB. This is calculated to be -13 dBm.

FCC § 27.53(a) (4)

For mobile and portable stations operating in the 2305-2315MHz and 2350-2360MHz bands:

(1)By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320MHz and on all frequencies between 2345 and 2360MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324MHz and on all frequencies between 2341 and 2345MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328MHz and on all frequencies between 2337 and 2341MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337MHz.

(2)By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292MHz, and 70 + 10 log (P) dB below 2288MHz.

(3)By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365MHz, and not less than 70 + 10 log (P) dB above 2365MHz.

FCC § 27.53(c)

For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee’s frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746–758 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least 43 + 10 log (P) dB;

(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least 43 + 10 log (P) dB;

(3) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.

However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth

of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC § 27.53(f)

For operations in the 746–758 MHz, 775–788 MHz, and 805–806 MHz bands, emissions in the band 1559–1610 MHz shall be limited to - 70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

FCC § 27.53(g)

For operations in the 600MHz band and the 698-746MHz band, the power of any emission outside a licensee’s frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43+10*log(P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz bands immediately outside and adjacent to a licensee’s frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC § 27.53(h) (1)

Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 $\log_{10}$ (P) dB.

FCC § 27.53(l) (2)

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

FCC § 27.53(m) (4)

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

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

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

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

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

FCC § 27.53(n) (2)

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

FCC § 90.691

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

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

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

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

Sweep point number = Span/RBW

VBW=3*RBW

Detector Mode=mean or average power

5. Record the frequencies and levels of spurious emissions.

5.5.4 Test Result

Please refer to ANNEX A.5.

5.6 Band Edge

5.6.1 Limit

FCC § 2.1051 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(g) & 27.53(h) & 27.53(l) & 27.53(m) & 27.53(n) & 90.691

In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

FCC § 22.917(a) & 24.238(a)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43+10*log(P) dB. This is calculated to be -13 dBm.

FCC § 27.53(a) (4)

For mobile and portable stations operating in the 2305-2315MHz and 2350-2360MHz bands:

(1)By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320MHz and on all frequencies between 2345 and 2360MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324MHz and on all frequencies between 2341 and 2345MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328MHz and on all frequencies between 2337 and 2341MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337MHz.

(2)By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292MHz, and 70 + 10 log (P) dB below 2288MHz.

(3)By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365MHz, and not less than 70 + 10 log (P) dB above 2365MHz.

FCC § 27.53(c)

For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee’s frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746–758 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least 43 + 10 log (P) dB;

(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least 43 + 10 log (P) dB;

(3) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.

However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth

of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC § 27.53(g)

For operations in the 600MHz band and the 698-746MHz band, the power of any emission outside a licensee’s frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43+10*log(P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz bands immediately outside and adjacent to a licensee’s frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC § 27.53(h) (1)

Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 $\log_{10}$ (P) dB.

FCC § 27.53(l) (2)

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

FCC § 27.53(m) (4)

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

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

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

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

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

FCC § 27.53(n) (2)

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

FCC § 90.691

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

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

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

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

5.6.2 Test Setup

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

5.6.3 Test Procedure

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

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

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

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

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

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

Sweep point number = 2*Span/RBW

VBW=3RBW

6. Record the frequencies and levels of spurious emissions.

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

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

5.6.4 Test Result

Please refer to ANNEX A.6.

5.7 Field Strength of Spurious Radiation

5.7.1 Limit

FCC § 2.1053 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(f) & 27.53(g) & 27.53(h) & 27.53(l) & 27.53(m) & 27.53(n) & 90.691

FCC § 22.917(a) & 24.238(a)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43+10*log(P) dB. This is calculated to be -13 dBm.

FCC § 27.53(a) (4)

For mobile and portable stations operating in the 2305-2315MHz and 2350-2360MHz bands:

(1)By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320MHz and on all frequencies between 2345 and 2360MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324MHz and on all frequencies between 2341 and 2345MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328MHz and on all frequencies between 2337 and 2341MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337MHz.

(2)By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292MHz, and 70 + 10 log (P) dB below 2288MHz.

(3)By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365MHz, and not less than 70 + 10 log (P) dB above 2365MHz.

FCC § 27.53(c)

For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee’s frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746–758 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least 43 + 10 log (P) dB;

(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the

band below the transmitter power (P) by at least 43 + 10 log (P) dB;

(3) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of

measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.

However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth

of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC § 27.53(f)

For operations in the 746–758 MHz, 775–788 MHz, and 805–806 MHz bands, emissions in the band 1559–1610 MHz shall be limited to - 70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

FCC § 27.53(g)

For operations in the 600MHz band and the 698-746MHz band, the power of any emission outside a licensee’s frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43+10*log(P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz bands immediately outside and adjacent to a licensee’s frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC § 27.53(h) (1)

Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.

FCC § 27.53(l) (2)

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

FCC § 27.53(m) (4)

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

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

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

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

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

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

FCC § 27.53(n) (2)

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

FCC § 90.691

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

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

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

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

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 Result

Please refer to ANNEX A.7.

5.7.4 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

ANNEX A TEST RESULTS

A.1 Transmitter Radiated Power (EIRP/ERP)

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#Low	22.97	5	27.97	0.627	2.000	Pass
			RB1#Mid	22.9	5	27.90	0.617	2.000	Pass
			RB1#High	22.89	5	27.89	0.615	2.000	Pass
			RB3#Low	22.54	5	27.54	0.568	2.000	Pass
			RB3#Mid	22.7	5	27.70	0.589	2.000	Pass
			RB3#High	22.67	5	27.67	0.585	2.000	Pass
			RB6#Low	21.74	5	26.74	0.472	2.000	Pass
		16-QAM	RB1#Low	22.04	5	27.04	0.506	2.000	Pass
			RB1#Mid	21.94	5	26.94	0.494	2.000	Pass
			RB1#High	21.94	5	26.94	0.494	2.000	Pass
			RB3#Low	21.83	5	26.83	0.482	2.000	Pass
			RB3#Mid	21.86	5	26.86	0.485	2.000	Pass
			RB3#High	21.85	5	26.85	0.484	2.000	Pass
			RB6#Low	20.72	5	25.72	0.373	2.000	Pass
	MCH	QPSK	RB1#Low	22.89	5	27.89	0.615	2.000	Pass
			RB1#Mid	**23.28**	5	28.28	0.673	2.000	Pass
			RB1#High	22.87	5	27.87	0.612	2.000	Pass
			RB3#Low	22.71	5	27.71	0.590	2.000	Pass
			RB3#Mid	22.76	5	27.76	0.597	2.000	Pass
			RB3#High	22.77	5	27.77	0.598	2.000	Pass
			RB6#Low	21.72	5	26.72	0.470	2.000	Pass
		16-QAM	RB1#Low	22.36	5	27.36	0.545	2.000	Pass
			RB1#Mid	22.55	5	27.55	0.569	2.000	Pass
			RB1#High	22.41	5	27.41	0.551	2.000	Pass
			RB3#Low	21.81	5	26.81	0.480	2.000	Pass
			RB3#Mid	21.75	5	26.75	0.473	2.000	Pass
			RB3#High	21.63	5	26.63	0.460	2.000	Pass
			RB6#Low	20.69	5	25.69	0.371	2.000	Pass
	HCH	QPSK	RB1#Low	22.39	5	27.39	0.548	2.000	Pass
			RB1#Mid	21.92	5	26.92	0.492	2.000	Pass
			RB1#High	21.87	5	26.87	0.486	2.000	Pass
			RB3#Low	22.19	5	27.19	0.524	2.000	Pass
			RB3#Mid	22.12	5	27.12	0.515	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									
			RB3#High	22.15	5	27.15	0.519	2.000	Pass
			RB6#Low	21.16	5	26.16	0.413	2.000	Pass
		16-QAM	RB1#Low	21.14	5	26.14	0.411	2.000	Pass
			RB1#Mid	21.26	5	26.26	0.423	2.000	Pass
			RB1#High	21.16	5	26.16	0.413	2.000	Pass
			RB3#Low	21.55	5	26.55	0.452	2.000	Pass
			RB3#Mid	21.5	5	26.50	0.447	2.000	Pass
			RB3#High	21.43	5	26.43	0.440	2.000	Pass
			RB6#Low	20.1	5	25.10	0.324	2.000	Pass
3 MHz	LCH	QPSK	RB1#Low	22.72	5	27.72	0.592	2.000	Pass
			RB1#Mid	22.4	5	27.40	0.550	2.000	Pass
			RB1#High	22.68	5	27.68	0.586	2.000	Pass
			RB8#Low	21.79	5	26.79	0.478	2.000	Pass
			RB8#Mid	21.74	5	26.74	0.472	2.000	Pass
			RB8#High	21.75	5	26.75	0.473	2.000	Pass
			RB15#Low	21.68	5	26.68	0.466	2.000	Pass
		16-QAM	RB1#Low	21.71	5	26.71	0.469	2.000	Pass
			RB1#Mid	21.57	5	26.57	0.454	2.000	Pass
			RB1#High	21.66	5	26.66	0.463	2.000	Pass
			RB8#Low	21.04	5	26.04	0.402	2.000	Pass
			RB8#Mid	20.82	5	25.82	0.382	2.000	Pass
			RB8#High	21.09	5	26.09	0.406	2.000	Pass
			RB15#Low	20.6	5	25.60	0.363	2.000	Pass
	MCH	QPSK	RB1#Low	22.78	5	27.78	0.600	2.000	Pass
			RB1#Mid	22.66	5	27.66	0.583	2.000	Pass
			RB1#High	22.71	5	27.71	0.590	2.000	Pass
			RB8#Low	21.63	5	26.63	0.460	2.000	Pass
			RB8#Mid	21.67	5	26.67	0.465	2.000	Pass
			RB8#High	21.74	5	26.74	0.472	2.000	Pass
			RB15#Low	21.68	5	26.68	0.466	2.000	Pass
		16-QAM	RB1#Low	21.72	5	26.72	0.470	2.000	Pass
			RB1#Mid	21.62	5	26.62	0.459	2.000	Pass
			RB1#High	21.65	5	26.65	0.462	2.000	Pass
			RB8#Low	20.66	5	25.66	0.368	2.000	Pass
			RB8#Mid	20.58	5	25.58	0.361	2.000	Pass
			RB8#High	20.63	5	25.63	0.366	2.000	Pass
			RB15#Low	20.77	5	25.77	0.378	2.000	Pass
	HCH	QPSK	RB1#Low	22.38	5	27.38	0.547	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#Mid	22.09	5	27.09	0.512	2.000	Pass
			RB1#High	21.98	5	26.98	0.499	2.000	Pass
			RB8#Low	20.96	5	25.96	0.394	2.000	Pass
			RB8#Mid	21.13	5	26.13	0.410	2.000	Pass
			RB8#High	21.1	5	26.10	0.407	2.000	Pass
			RB15#Low	21.23	5	26.23	0.420	2.000	Pass
		16-QAM	RB1#Low	21.2	5	26.20	0.417	2.000	Pass
			RB1#Mid	21.37	5	26.37	0.434	2.000	Pass
			RB1#High	20.85	5	25.85	0.385	2.000	Pass
			RB8#Low	20.31	5	25.31	0.340	2.000	Pass
			RB8#Mid	20.24	5	25.24	0.334	2.000	Pass
			RB8#High	19.91	5	24.91	0.310	2.000	Pass
			RB15#Low	19.8	5	24.80	0.302	2.000	Pass
5 MHz	LCH	QPSK	RB1#Low	22.52	5	27.52	0.565	2.000	Pass
			RB1#Mid	22.18	5	27.18	0.522	2.000	Pass
			RB1#High	22.41	5	27.41	0.551	2.000	Pass
			RB12#Low	21.54	5	26.54	0.451	2.000	Pass
			RB12#Mid	21.64	5	26.64	0.461	2.000	Pass
			RB12#High	21.49	5	26.49	0.446	2.000	Pass
			RB25#Low	21.46	5	26.46	0.443	2.000	Pass
		16-QAM	RB1#Low	21.28	5	26.28	0.425	2.000	Pass
			RB1#Mid	21.28	5	26.28	0.425	2.000	Pass
			RB1#High	21.05	5	26.05	0.403	2.000	Pass
			RB12#Low	20.54	5	25.54	0.358	2.000	Pass
			RB12#Mid	20.61	5	25.61	0.364	2.000	Pass
			RB12#High	20.27	5	25.27	0.337	2.000	Pass
			RB25#Low	20.62	5	25.62	0.365	2.000	Pass
	MCH	QPSK	RB1#Low	22.43	5	27.43	0.553	2.000	Pass
			RB1#Mid	22.76	5	27.76	0.597	2.000	Pass
			RB1#High	22.58	5	27.58	0.573	2.000	Pass
			RB12#Low	21.54	5	26.54	0.451	2.000	Pass
			RB12#Mid	21.58	5	26.58	0.455	2.000	Pass
			RB12#High	21.67	5	26.67	0.465	2.000	Pass
			RB25#Low	21.64	5	26.64	0.461	2.000	Pass
		16-QAM	RB1#Low	21.74	5	26.74	0.472	2.000	Pass
			RB1#Mid	21.56	5	26.56	0.453	2.000	Pass
			RB1#High	21.16	5	26.16	0.413	2.000	Pass
			RB12#Low	20.54	5	25.54	0.358	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									
			RB12#Mid	20.5	5	25.50	0.355	2.000	Pass
			RB12#High	20.52	5	25.52	0.356	2.000	Pass
			RB25#Low	20.6	5	25.60	0.363	2.000	Pass
	HCH	QPSK	RB1#Low	22.11	5	27.11	0.514	2.000	Pass
			RB1#Mid	22.17	5	27.17	0.521	2.000	Pass
			RB1#High	21.75	5	26.75	0.473	2.000	Pass
			RB12#Low	21.13	5	26.13	0.410	2.000	Pass
			RB12#Mid	21.19	5	26.19	0.416	2.000	Pass
			RB12#High	21.06	5	26.06	0.404	2.000	Pass
			RB25#Low	21.1	5	26.10	0.407	2.000	Pass
		16-QAM	RB1#Low	21.21	5	26.21	0.418	2.000	Pass
			RB1#Mid	21.14	5	26.14	0.411	2.000	Pass
			RB1#High	20.16	5	25.16	0.328	2.000	Pass
			RB12#Low	20.19	5	25.19	0.330	2.000	Pass
			RB12#Mid	20.15	5	25.15	0.327	2.000	Pass
			RB12#High	20.08	5	25.08	0.322	2.000	Pass
			RB25#Low	20.14	5	25.14	0.327	2.000	Pass
10 MHz	LCH	QPSK	RB1#Low	22.7	5	27.70	0.589	2.000	Pass
			RB1#Mid	22.36	5	27.36	0.545	2.000	Pass
			RB1#High	22.66	5	27.66	0.583	2.000	Pass
			RB25#Low	21.54	5	26.54	0.451	2.000	Pass
			RB25#Mid	21.35	5	26.35	0.432	2.000	Pass
			RB25#High	21.41	5	26.41	0.438	2.000	Pass
			RB50#Low	21.32	5	26.32	0.429	2.000	Pass
		16-QAM	RB1#Low	21.56	5	26.56	0.453	2.000	Pass
			RB1#Mid	22.11	5	27.11	0.514	2.000	Pass
			RB1#High	21.56	5	26.56	0.453	2.000	Pass
			RB25#Low	20.57	5	25.57	0.361	2.000	Pass
			RB25#Mid	20.44	5	25.44	0.350	2.000	Pass
			RB25#High	20.49	5	25.49	0.354	2.000	Pass
			RB50#Low	20.46	5	25.46	0.352	2.000	Pass
	MCH	QPSK	RB1#Low	22.32	5	27.32	0.540	2.000	Pass
			RB1#Mid	22.68	5	27.68	0.586	2.000	Pass
			RB1#High	22.32	5	27.32	0.540	2.000	Pass
			RB25#Low	21.56	5	26.56	0.453	2.000	Pass
			RB25#Mid	21.66	5	26.66	0.463	2.000	Pass
			RB25#High	21.6	5	26.60	0.457	2.000	Pass
			RB50#Low	21.51	5	26.51	0.448	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#Low	21.33	5	26.33	0.430	2.000	Pass
			RB1#Mid	21.73	5	26.73	0.471	2.000	Pass
			RB1#High	21.19	5	26.19	0.416	2.000	Pass
		16-QAM	RB25#Low	20.4	5	25.40	0.347	2.000	Pass
			RB25#Mid	20.69	5	25.69	0.371	2.000	Pass
			RB25#High	20.52	5	25.52	0.356	2.000	Pass
			RB50#Low	20.5	5	25.50	0.355	2.000	Pass
			RB1#Low	22.55	5	27.55	0.569	2.000	Pass
			RB1#Mid	22.45	5	27.45	0.556	2.000	Pass
			RB1#High	22.05	5	27.05	0.507	2.000	Pass
		QPSK	RB25#Low	21.35	5	26.35	0.432	2.000	Pass
			RB25#Mid	21.24	5	26.24	0.421	2.000	Pass
			RB25#High	21.26	5	26.26	0.423	2.000	Pass
	HCH		RB50#Low	21.22	5	26.22	0.419	2.000	Pass
			RB1#Low	21.4	5	26.40	0.437	2.000	Pass
			RB1#Mid	21.25	5	26.25	0.422	2.000	Pass
			RB1#High	21.06	5	26.06	0.404	2.000	Pass
		16-QAM	RB25#Low	20.33	5	25.33	0.341	2.000	Pass
			RB25#Mid	20.34	5	25.34	0.342	2.000	Pass
			RB25#High	20.18	5	25.18	0.330	2.000	Pass
			RB50#Low	19.99	5	24.99	0.316	2.000	Pass
			RB1#Low	22.46	5	27.46	0.557	2.000	Pass
			RB1#Mid	22.39	5	27.39	0.548	2.000	Pass
			RB1#High	22.55	5	27.55	0.569	2.000	Pass
		QPSK	RB36#Low	21.24	5	26.24	0.421	2.000	Pass
			RB36#Mid	21.46	5	26.46	0.443	2.000	Pass
			RB36#High	21.36	5	26.36	0.433	2.000	Pass
			RB75#Low	21.37	5	26.37	0.434	2.000	Pass
15 MHz	LCH		RB1#Low	22.09	5	27.09	0.512	2.000	Pass
			RB1#Mid	21.46	5	26.46	0.443	2.000	Pass
			RB1#High	21.34	5	26.34	0.431	2.000	Pass
		16-QAM	RB36#Low	20.17	5	25.17	0.329	2.000	Pass
			RB36#Mid	20.23	5	25.23	0.333	2.000	Pass
			RB36#High	20.46	5	25.46	0.352	2.000	Pass
			RB75#Low	20.36	5	25.36	0.344	2.000	Pass
			RB1#Low	22.45	5	27.45	0.556	2.000	Pass
	MCH	QPSK	RB1#Mid	22.48	5	27.48	0.560	2.000	Pass
			RB1#High	22.41	5	27.41	0.551	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									
			RB36#Low	21.48	5	26.48	0.445	2.000	Pass
			RB36#Mid	21.43	5	26.43	0.440	2.000	Pass
			RB36#High	21.39	5	26.39	0.436	2.000	Pass
			RB75#Low	21.5	5	26.50	0.447	2.000	Pass
		16-QAM	RB1#Low	21.71	5	26.71	0.469	2.000	Pass
			RB1#Mid	21.62	5	26.62	0.459	2.000	Pass
			RB1#High	20.9	5	25.90	0.389	2.000	Pass
			RB36#Low	20.48	5	25.48	0.353	2.000	Pass
			RB36#Mid	20.53	5	25.53	0.357	2.000	Pass
			RB36#High	20.38	5	25.38	0.345	2.000	Pass
			RB75#Low	20.5	5	25.50	0.355	2.000	Pass
	HCH	QPSK	RB1#Low	22.63	5	27.63	0.579	2.000	Pass
			RB1#Mid	22.11	5	27.11	0.514	2.000	Pass
			RB1#High	21.64	5	26.64	0.461	2.000	Pass
			RB36#Low	21.07	5	26.07	0.405	2.000	Pass
			RB36#Mid	21.03	5	26.03	0.401	2.000	Pass
			RB36#High	20.94	5	25.94	0.393	2.000	Pass
			RB75#Low	21.07	5	26.07	0.405	2.000	Pass
		16-QAM	RB1#Low	21.76	5	26.76	0.474	2.000	Pass
			RB1#Mid	21.79	5	26.79	0.478	2.000	Pass
			RB1#High	21.03	5	26.03	0.401	2.000	Pass
			RB36#Low	20.21	5	25.21	0.332	2.000	Pass
			RB36#Mid	20	5	25.00	0.316	2.000	Pass
			RB36#High	19.8	5	24.80	0.302	2.000	Pass
			RB75#Low	20.03	5	25.03	0.318	2.000	Pass
20 MHz	LCH	QPSK	RB1#Low	22.15	5	27.15	0.519	2.000	Pass
			RB1#Mid	22.27	5	27.27	0.533	2.000	Pass
			RB1#High	22.23	5	27.23	0.528	2.000	Pass
			RB50#Low	21.33	5	26.33	0.430	2.000	Pass
			RB50#Mid	21.31	5	26.31	0.428	2.000	Pass
			RB50#High	21.51	5	26.51	0.448	2.000	Pass
			RB100#Low	21.3	5	26.30	0.427	2.000	Pass
		16-QAM	RB1#Low	21.31	5	26.31	0.428	2.000	Pass
			RB1#Mid	20.76	5	25.76	0.377	2.000	Pass
			RB1#High	20.88	5	25.88	0.387	2.000	Pass
			RB50#Low	20.15	5	25.15	0.327	2.000	Pass
			RB50#Mid	20.2	5	25.20	0.331	2.000	Pass
			RB50#High	20.26	5	25.26	0.336	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									
			RB100#Low	20.34	5	25.34	0.342	2.000	Pass
	MCH	QPSK	RB1#Low	22.61	5	27.61	0.577	2.000	Pass
			RB1#Mid	22.63	5	27.63	0.579	2.000	Pass
			RB1#High	22.33	5	27.33	0.541	2.000	Pass
			RB50#Low	21.41	5	26.41	0.438	2.000	Pass
			RB50#Mid	21.38	5	26.38	0.435	2.000	Pass
			RB50#High	21.32	5	26.32	0.429	2.000	Pass
			RB100#Low	21.43	5	26.43	0.440	2.000	Pass
		16-QAM	RB1#Low	21.02	5	26.02	0.400	2.000	Pass
			RB1#Mid	21.33	5	26.33	0.430	2.000	Pass
			RB1#High	21.51	5	26.51	0.448	2.000	Pass
			RB50#Low	20.41	5	25.41	0.348	2.000	Pass
			RB50#Mid	20.47	5	25.47	0.352	2.000	Pass
			RB50#High	20.29	5	25.29	0.338	2.000	Pass
			RB100#Low	20.39	5	25.39	0.346	2.000	Pass
	HCH	QPSK	RB1#Low	22.64	5	27.64	0.581	2.000	Pass
			RB1#Mid	22.23	5	27.23	0.528	2.000	Pass
			RB1#High	21.53	5	26.53	0.450	2.000	Pass
			RB50#Low	21.28	5	26.28	0.425	2.000	Pass
			RB50#Mid	21.07	5	26.07	0.405	2.000	Pass
			RB50#High	21.03	5	26.03	0.401	2.000	Pass
			RB100#Low	21	5	26.00	0.398	2.000	Pass
		16-QAM	RB1#Low	20.98	5	25.98	0.396	2.000	Pass
			RB1#Mid	21.11	5	26.11	0.408	2.000	Pass
			RB1#High	20.63	5	25.63	0.366	2.000	Pass
			RB50#Low	20.18	5	25.18	0.330	2.000	Pass
			RB50#Mid	20.04	5	25.04	0.319	2.000	Pass
			RB50#High	19.97	5	24.97	0.314	2.000	Pass
			RB100#Low	20	5	25.00	0.316	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#Low	22.52	5	27.52	0.565	1.000	Pass
			RB1#Mid	22.63	5	27.63	0.579	1.000	Pass
			RB1#High	22.5	5	27.50	0.562	1.000	Pass
			RB3#Low	22.65	5	27.65	0.582	1.000	Pass
			RB3#Mid	22.66	5	27.66	0.583	1.000	Pass
			RB3#High	22.6	5	27.60	0.575	1.000	Pass
			RB6#Low	21.57	5	26.57	0.454	1.000	Pass
		16-QAM	RB1#Low	21.66	5	26.66	0.463	1.000	Pass
			RB1#Mid	21.88	5	26.88	0.488	1.000	Pass
			RB1#High	21.66	5	26.66	0.463	1.000	Pass
			RB3#Low	21.72	5	26.72	0.470	1.000	Pass
			RB3#Mid	21.76	5	26.76	0.474	1.000	Pass
			RB3#High	21.68	5	26.68	0.466	1.000	Pass
			RB6#Low	20.73	5	25.73	0.374	1.000	Pass
	MCH	QPSK	RB1#Low	22.44	5	27.44	0.555	1.000	Pass
			RB1#Mid	22.58	5	27.58	0.573	1.000	Pass
			RB1#High	22.42	5	27.42	0.552	1.000	Pass
			RB3#Low	22.53	5	27.53	0.566	1.000	Pass
			RB3#Mid	22.56	5	27.56	0.570	1.000	Pass
			RB3#High	22.51	5	27.51	0.564	1.000	Pass
			RB6#Low	21.49	5	26.49	0.446	1.000	Pass
		16-QAM	RB1#Low	21.84	5	26.84	0.483	1.000	Pass
			RB1#Mid	22.03	5	27.03	0.505	1.000	Pass
			RB1#High	21.87	5	26.87	0.486	1.000	Pass
			RB3#Low	21.76	5	26.76	0.474	1.000	Pass
			RB3#Mid	21.74	5	26.74	0.472	1.000	Pass
			RB3#High	21.74	5	26.74	0.472	1.000	Pass
			RB6#Low	20.4	5	25.40	0.347	1.000	Pass
	HCH	QPSK	RB1#Low	22.27	5	27.27	0.533	1.000	Pass
			RB1#Mid	22.5	5	27.50	0.562	1.000	Pass
			RB1#High	22.27	5	27.27	0.533	1.000	Pass
			RB3#Low	22.47	5	27.47	0.558	1.000	Pass
			RB3#Mid	22.42	5	27.42	0.552	1.000	Pass
			RB3#High	22.47	5	27.47	0.558	1.000	Pass
			RB6#Low	21.33	5	26.33	0.430	1.000	Pass
		16-QAM	RB1#Low	21.42	5	26.42	0.439	1.000	Pass
			RB1#Mid	21.6	5	26.60	0.457	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#High	21.42	5	26.42	0.439	1.000	Pass
			RB3#Low	21.61	5	26.61	0.458	1.000	Pass
			RB3#Mid	21.7	5	26.70	0.468	1.000	Pass
			RB3#High	21.61	5	26.61	0.458	1.000	Pass
			RB6#Low	20.57	5	25.57	0.361	1.000	Pass
3 MHz	LCH	QPSK	RB1#Low	22.53	5	27.53	0.566	1.000	Pass
			RB1#Mid	22.54	5	27.54	0.568	1.000	Pass
			RB1#High	22.49	5	27.49	0.561	1.000	Pass
			RB8#Low	21.58	5	26.58	0.455	1.000	Pass
			RB8#Mid	21.63	5	26.63	0.460	1.000	Pass
			RB8#High	21.55	5	26.55	0.452	1.000	Pass
			RB15#Low	21.56	5	26.56	0.453	1.000	Pass
		16-QAM	RB1#Low	21.58	5	26.58	0.455	1.000	Pass
			RB1#Mid	21.56	5	26.56	0.453	1.000	Pass
			RB1#High	21.58	5	26.58	0.455	1.000	Pass
			RB8#Low	20.76	5	25.76	0.377	1.000	Pass
			RB8#Mid	20.77	5	25.77	0.378	1.000	Pass
			RB8#High	20.73	5	25.73	0.374	1.000	Pass
			RB15#Low	20.68	5	25.68	0.370	1.000	Pass
	MCH	QPSK	RB1#Low	22.49	5	27.49	0.561	1.000	Pass
			RB1#Mid	22.48	5	27.48	0.560	1.000	Pass
			RB1#High	22.47	5	27.47	0.558	1.000	Pass
			RB8#Low	21.48	5	26.48	0.445	1.000	Pass
			RB8#Mid	21.53	5	26.53	0.450	1.000	Pass
			RB8#High	21.45	5	26.45	0.442	1.000	Pass
			RB15#Low	21.45	5	26.45	0.442	1.000	Pass
		16-QAM	RB1#Low	21.91	5	26.91	0.491	1.000	Pass
			RB1#Mid	21.85	5	26.85	0.484	1.000	Pass
			RB1#High	21.86	5	26.86	0.485	1.000	Pass
			RB8#Low	20.62	5	25.62	0.365	1.000	Pass
			RB8#Mid	20.66	5	25.66	0.368	1.000	Pass
			RB8#High	20.61	5	25.61	0.364	1.000	Pass
			RB15#Low	20.54	5	25.54	0.358	1.000	Pass
	HCH	QPSK	RB1#Low	22.39	5	27.39	0.548	1.000	Pass
			RB1#Mid	22.39	5	27.39	0.548	1.000	Pass
			RB1#High	22.35	5	27.35	0.543	1.000	Pass
			RB8#Low	21.37	5	26.37	0.434	1.000	Pass
			RB8#Mid	21.36	5	26.36	0.433	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#High	21.35	5	26.35	0.432	1.000	Pass
			RB15#Low	21.38	5	26.38	0.435	1.000	Pass
		16-QAM	RB1#Low	21.46	5	26.46	0.443	1.000	Pass
			RB1#Mid	21.45	5	26.45	0.442	1.000	Pass
			RB1#High	21.42	5	26.42	0.439	1.000	Pass
			RB8#Low	20.45	5	25.45	0.351	1.000	Pass
			RB8#Mid	20.51	5	25.51	0.356	1.000	Pass
			RB8#High	20.44	5	25.44	0.350	1.000	Pass
			RB15#Low	20.39	5	25.39	0.346	1.000	Pass
5 MHz	LCH	QPSK	RB1#Low	22.49	5	27.49	0.561	1.000	Pass
			RB1#Mid	22.64	5	27.64	0.581	1.000	Pass
			RB1#High	22.53	5	27.53	0.566	1.000	Pass
			RB12#Low	21.58	5	26.58	0.455	1.000	Pass
			RB12#Mid	21.64	5	26.64	0.461	1.000	Pass
			RB12#High	21.62	5	26.62	0.459	1.000	Pass
			RB25#Low	21.62	5	26.62	0.459	1.000	Pass
		16-QAM	RB1#Low	21.67	5	26.67	0.465	1.000	Pass
			RB1#Mid	21.83	5	26.83	0.482	1.000	Pass
			RB1#High	21.77	5	26.77	0.475	1.000	Pass
			RB12#Low	20.71	5	25.71	0.372	1.000	Pass
			RB12#Mid	20.79	5	25.79	0.379	1.000	Pass
			RB12#High	20.74	5	25.74	0.375	1.000	Pass
			RB25#Low	20.69	5	25.69	0.371	1.000	Pass
	MCH	QPSK	RB1#Low	22.44	5	27.44	0.555	1.000	Pass
			RB1#Mid	22.58	5	27.58	0.573	1.000	Pass
			RB1#High	22.41	5	27.41	0.551	1.000	Pass
			RB12#Low	21.53	5	26.53	0.450	1.000	Pass
			RB12#Mid	21.53	5	26.53	0.450	1.000	Pass
			RB12#High	21.41	5	26.41	0.438	1.000	Pass
			RB25#Low	21.45	5	26.45	0.442	1.000	Pass
		16-QAM	RB1#Low	21.92	5	26.92	0.492	1.000	Pass
			RB1#Mid	22.03	5	27.03	0.505	1.000	Pass
			RB1#High	21.97	5	26.97	0.498	1.000	Pass
			RB12#Low	20.66	5	25.66	0.368	1.000	Pass
			RB12#Mid	20.69	5	25.69	0.371	1.000	Pass
			RB12#High	20.62	5	25.62	0.365	1.000	Pass
			RB25#Low	20.59	5	25.59	0.362	1.000	Pass
	HCH	QPSK	RB1#Low	22.27	5	27.27	0.533	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#Mid	22.4	5	27.40	0.550	1.000	Pass
			RB1#High	22.26	5	27.26	0.532	1.000	Pass
			RB12#Low	21.41	5	26.41	0.438	1.000	Pass
			RB12#Mid	21.43	5	26.43	0.440	1.000	Pass
			RB12#High	21.39	5	26.39	0.436	1.000	Pass
			RB25#Low	21.4	5	26.40	0.437	1.000	Pass
		16-QAM	RB1#Low	21.45	5	26.45	0.442	1.000	Pass
			RB1#Mid	21.52	5	26.52	0.449	1.000	Pass
			RB1#High	21.46	5	26.46	0.443	1.000	Pass
			RB12#Low	20.49	5	25.49	0.354	1.000	Pass
			RB12#Mid	20.55	5	25.55	0.359	1.000	Pass
			RB12#High	20.46	5	25.46	0.352	1.000	Pass
			RB25#Low	20.42	5	25.42	0.348	1.000	Pass
10 MHz	LCH	QPSK	RB1#Low	22.53	5	27.53	0.566	1.000	Pass
			RB1#Mid	22.69	5	27.69	0.587	1.000	Pass
			RB1#High	22.53	5	27.53	0.566	1.000	Pass
			RB25#Low	21.62	5	26.62	0.459	1.000	Pass
			RB25#Mid	21.64	5	26.64	0.461	1.000	Pass
			RB25#High	21.73	5	26.73	0.471	1.000	Pass
			RB50#Low	21.7	5	26.70	0.468	1.000	Pass
		16-QAM	RB1#Low	21.55	5	26.55	0.452	1.000	Pass
			RB1#Mid	21.72	5	26.72	0.470	1.000	Pass
			RB1#High	21.57	5	26.57	0.454	1.000	Pass
			RB25#Low	20.68	5	25.68	0.370	1.000	Pass
			RB25#Mid	20.76	5	25.76	0.377	1.000	Pass
			RB25#High	20.81	5	25.81	0.381	1.000	Pass
			RB50#Low	20.73	5	25.73	0.374	1.000	Pass
	MCH	QPSK	RB1#Low	22.46	5	27.46	0.557	1.000	Pass
			RB1#Mid	22.65	5	27.65	0.582	1.000	Pass
			RB1#High	22.47	5	27.47	0.558	1.000	Pass
			RB25#Low	21.52	5	26.52	0.449	1.000	Pass
			RB25#Mid	21.55	5	26.55	0.452	1.000	Pass
			RB25#High	21.46	5	26.46	0.443	1.000	Pass
			RB50#Low	21.48	5	26.48	0.445	1.000	Pass
		16-QAM	RB1#Low	21.89	5	26.89	0.489	1.000	Pass
			RB1#Mid	22.09	5	27.09	0.512	1.000	Pass
			RB1#High	21.88	5	26.88	0.488	1.000	Pass
			RB25#Low	20.63	5	25.63	0.366	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#Mid	20.61	5	25.61	0.364	1.000	Pass
			RB25#High	20.61	5	25.61	0.364	1.000	Pass
			RB50#Low	20.54	5	25.54	0.358	1.000	Pass
	HCH	QPSK	RB1#Low	22.37	5	27.37	0.546	1.000	Pass
			RB1#Mid	22.53	5	27.53	0.566	1.000	Pass
			RB1#High	22.38	5	27.38	0.547	1.000	Pass
			RB25#Low	21.5	5	26.50	0.447	1.000	Pass
			RB25#Mid	21.46	5	26.46	0.443	1.000	Pass
			RB25#High	21.48	5	26.48	0.445	1.000	Pass
			RB50#Low	21.5	5	26.50	0.447	1.000	Pass
		16-QAM	RB1#Low	21.46	5	26.46	0.443	1.000	Pass
			RB1#Mid	21.55	5	26.55	0.452	1.000	Pass
			RB1#High	21.43	5	26.43	0.440	1.000	Pass
			RB25#Low	20.65	5	25.65	0.367	1.000	Pass
			RB25#Mid	20.56	5	25.56	0.360	1.000	Pass
			RB25#High	20.56	5	25.56	0.360	1.000	Pass
			RB50#Low	20.56	5	25.56	0.360	1.000	Pass
15 MHz	LCH	QPSK	RB1#Low	22.47	5	27.47	0.558	1.000	Pass
			RB1#Mid	22.58	5	27.58	0.573	1.000	Pass
			RB1#High	22.47	5	27.47	0.558	1.000	Pass
			RB36#Low	21.59	5	26.59	0.456	1.000	Pass
			RB36#Mid	21.64	5	26.64	0.461	1.000	Pass
			RB36#High	21.68	5	26.68	0.466	1.000	Pass
			RB75#Low	21.69	5	26.69	0.467	1.000	Pass
		16-QAM	RB1#Low	21.47	5	26.47	0.444	1.000	Pass
			RB1#Mid	21.64	5	26.64	0.461	1.000	Pass
			RB1#High	21.45	5	26.45	0.442	1.000	Pass
			RB36#Low	20.61	5	25.61	0.364	1.000	Pass
			RB36#Mid	20.64	5	25.64	0.366	1.000	Pass
			RB36#High	20.71	5	25.71	0.372	1.000	Pass
			RB75#Low	20.7	5	25.70	0.372	1.000	Pass
	MCH	QPSK	RB1#Low	22.46	5	27.46	0.557	1.000	Pass
			RB1#Mid	22.54	5	27.54	0.568	1.000	Pass
			RB1#High	22.42	5	27.42	0.552	1.000	Pass
			RB36#Low	21.53	5	26.53	0.450	1.000	Pass
			RB36#Mid	21.58	5	26.58	0.455	1.000	Pass
			RB36#High	21.53	5	26.53	0.450	1.000	Pass
			RB75#Low	21.47	5	26.47	0.444	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#Low	21.83	5	26.83	0.482	1.000	Pass
			RB1#Mid	21.91	5	26.91	0.491	1.000	Pass
			RB1#High	21.86	5	26.86	0.485	1.000	Pass
		16-QAM	RB36#Low	20.6	5	25.60	0.363	1.000	Pass
			RB36#Mid	20.62	5	25.62	0.365	1.000	Pass
			RB36#High	20.54	5	25.54	0.358	1.000	Pass
			RB75#Low	20.57	5	25.57	0.361	1.000	Pass
	HCH		RB1#Low	22.37	5	27.37	0.546	1.000	Pass
			RB1#Mid	22.43	5	27.43	0.553	1.000	Pass
			RB1#High	22.3	5	27.30	0.537	1.000	Pass
		QPSK	RB36#Low	21.52	5	26.52	0.449	1.000	Pass
			RB36#Mid	21.5	5	26.50	0.447	1.000	Pass
			RB36#High	21.45	5	26.45	0.442	1.000	Pass
			RB75#Low	21.52	5	26.52	0.449	1.000	Pass
			RB1#Low	21.84	5	26.84	0.483	1.000	Pass
			RB1#Mid	21.94	5	26.94	0.494	1.000	Pass
			RB1#High	21.8	5	26.80	0.479	1.000	Pass
		16-QAM	RB36#Low	20.53	5	25.53	0.357	1.000	Pass
			RB36#Mid	20.49	5	25.49	0.354	1.000	Pass
			RB36#High	20.46	5	25.46	0.352	1.000	Pass
			RB75#Low	20.53	5	25.53	0.357	1.000	Pass
20 MHz	LCH		RB1#Low	22.36	5	27.36	0.545	1.000	Pass
			RB1#Mid	22.7	5	27.70	0.589	1.000	Pass
			RB1#High	22.32	5	27.32	0.540	1.000	Pass
		QPSK	RB50#Low	21.55	5	26.55	0.452	1.000	Pass
			RB50#Mid	21.63	5	26.63	0.460	1.000	Pass
			RB50#High	21.74	5	26.74	0.472	1.000	Pass
			RB100#Low	21.69	5	26.69	0.467	1.000	Pass
			RB1#Low	21.93	5	26.93	0.493	1.000	Pass
			RB1#Mid	22.31	5	27.31	0.538	1.000	Pass
			RB1#High	21.89	5	26.89	0.489	1.000	Pass
		16-QAM	RB50#Low	20.63	5	25.63	0.366	1.000	Pass
			RB50#Mid	20.71	5	25.71	0.372	1.000	Pass
			RB50#High	20.83	5	25.83	0.383	1.000	Pass
			RB100#Low	20.73	5	25.73	0.374	1.000	Pass
	MCH		RB1#Low	22.33	5	27.33	0.541	1.000	Pass
		QPSK	RB1#Mid	**22.72**	5	27.72	0.592	1.000	Pass
			RB1#High	22.32	5	27.32	0.540	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#Low	21.54	5	26.54	0.451	1.000	Pass
			RB50#Mid	21.55	5	26.55	0.452	1.000	Pass
			RB50#High	21.43	5	26.43	0.440	1.000	Pass
			RB100#Low	21.51	5	26.51	0.448	1.000	Pass
		16-QAM	RB1#Low	21.8	5	26.80	0.479	1.000	Pass
			RB1#Mid	22.16	5	27.16	0.520	1.000	Pass
			RB1#High	21.75	5	26.75	0.473	1.000	Pass
			RB50#Low	20.61	5	25.61	0.364	1.000	Pass
			RB50#Mid	20.61	5	25.61	0.364	1.000	Pass
			RB50#High	20.52	5	25.52	0.356	1.000	Pass
			RB100#Low	20.57	5	25.57	0.361	1.000	Pass
	HCH	QPSK	RB1#Low	22.15	5	27.15	0.519	1.000	Pass
			RB1#Mid	22.55	5	27.55	0.569	1.000	Pass
			RB1#High	22.16	5	27.16	0.520	1.000	Pass
			RB50#Low	21.62	5	26.62	0.459	1.000	Pass
			RB50#Mid	21.53	5	26.53	0.450	1.000	Pass
			RB50#High	21.36	5	26.36	0.433	1.000	Pass
			RB100#Low	21.53	5	26.53	0.450	1.000	Pass
		16-QAM	RB1#Low	21.63	5	26.63	0.460	1.000	Pass
			RB1#Mid	22.03	5	27.03	0.505	1.000	Pass
			RB1#High	21.65	5	26.65	0.462	1.000	Pass
			RB50#Low	20.67	5	25.67	0.369	1.000	Pass
			RB50#Mid	20.52	5	25.52	0.356	1.000	Pass
			RB50#High	20.4	5	25.40	0.347	1.000	Pass
			RB100#Low	20.59	5	25.59	0.362	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#Low	22.2	5	2.85	25.05	0.320	7.000	Pass
			RB1#Mid	22.22	5	2.85	25.07	0.321	7.000	Pass
			RB1#High	22.25	5	2.85	25.10	0.324	7.000	Pass
			RB3#Low	22.24	5	2.85	25.09	0.323	7.000	Pass
			RB3#Mid	22.19	5	2.85	25.04	0.319	7.000	Pass
			RB3#High	22.1	5	2.85	24.95	0.313	7.000	Pass
			RB6#Low	21.23	5	2.85	24.08	0.256	7.000	Pass
		16-QAM	RB1#Low	21.36	5	2.85	24.21	0.264	7.000	Pass
			RB1#Mid	21.3	5	2.85	24.15	0.260	7.000	Pass
			RB1#High	21.44	5	2.85	24.29	0.269	7.000	Pass
			RB3#Low	21.41	5	2.85	24.26	0.267	7.000	Pass
			RB3#Mid	21.37	5	2.85	24.22	0.264	7.000	Pass
			RB3#High	21.39	5	2.85	24.24	0.265	7.000	Pass
			RB6#Low	20.37	5	2.85	23.22	0.210	7.000	Pass
	MCH	QPSK	RB1#Low	22.31	5	2.85	25.16	0.328	7.000	Pass
			RB1#Mid	22.39	5	2.85	25.24	0.334	7.000	Pass
			RB1#High	22.37	5	2.85	25.22	0.333	7.000	Pass
			RB3#Low	22.42	5	2.85	25.27	0.337	7.000	Pass
			RB3#Mid	22.57	5	2.85	25.42	0.348	7.000	Pass
			RB3#High	22.58	5	2.85	25.43	0.349	7.000	Pass
			RB6#Low	21.59	5	2.85	24.44	0.278	7.000	Pass
		16-QAM	RB1#Low	21.66	5	2.85	24.51	0.282	7.000	Pass
			RB1#Mid	21.51	5	2.85	24.36	0.273	7.000	Pass
			RB1#High	21.52	5	2.85	24.37	0.274	7.000	Pass
			RB3#Low	21.29	5	2.85	24.14	0.259	7.000	Pass
			RB3#Mid	21.33	5	2.85	24.18	0.262	7.000	Pass
			RB3#High	21.37	5	2.85	24.22	0.264	7.000	Pass
			RB6#Low	20.21	5	2.85	23.06	0.202	7.000	Pass
	HCH	QPSK	RB1#Low	22.48	5	2.85	25.33	0.341	7.000	Pass
			RB1#Mid	22.63	5	2.85	25.48	0.353	7.000	Pass
			RB1#High	22.61	5	2.85	25.46	0.352	7.000	Pass
			RB3#Low	22.6	5	2.85	25.45	0.351	7.000	Pass
			RB3#Mid	22.8	5	2.85	25.65	0.367	7.000	Pass
			RB3#High	22.71	5	2.85	25.56	0.360	7.000	Pass
			RB6#Low	21.62	5	2.85	24.47	0.280	7.000	Pass
		16-QAM	RB1#Low	21.69	5	2.85	24.54	0.284	7.000	Pass
			RB1#Mid	21.74	5	2.85	24.59	0.288	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#High	21.68	5	2.85	24.53	0.284	7.000	Pass
			RB3#Low	21.56	5	2.85	24.41	0.276	7.000	Pass
			RB3#Mid	21.59	5	2.85	24.44	0.278	7.000	Pass
			RB3#High	21.57	5	2.85	24.42	0.277	7.000	Pass
			RB6#Low	20.62	5	2.85	23.47	0.222	7.000	Pass
3 MHz	LCH	QPSK	RB1#Low	22.04	5	2.85	24.89	0.308	7.000	Pass
			RB1#Mid	22.19	5	2.85	25.04	0.319	7.000	Pass
			RB1#High	22.24	5	2.85	25.09	0.323	7.000	Pass
			RB8#Low	21.41	5	2.85	24.26	0.267	7.000	Pass
			RB8#Mid	21.44	5	2.85	24.29	0.269	7.000	Pass
			RB8#High	21.43	5	2.85	24.28	0.268	7.000	Pass
			RB15#Low	21.31	5	2.85	24.16	0.261	7.000	Pass
		16-QAM	RB1#Low	21.26	5	2.85	24.11	0.258	7.000	Pass
			RB1#Mid	21.58	5	2.85	24.43	0.277	7.000	Pass
			RB1#High	21.39	5	2.85	24.24	0.265	7.000	Pass
			RB8#Low	20.71	5	2.85	23.56	0.227	7.000	Pass
			RB8#Mid	20.8	5	2.85	23.65	0.232	7.000	Pass
			RB8#High	20.75	5	2.85	23.60	0.229	7.000	Pass
			RB15#Low	20.46	5	2.85	23.31	0.214	7.000	Pass
	MCH	QPSK	RB1#Low	22.44	5	2.85	25.29	0.338	7.000	Pass
			RB1#Mid	22.44	5	2.85	25.29	0.338	7.000	Pass
			RB1#High	22.42	5	2.85	25.27	0.337	7.000	Pass
			RB8#Low	21.64	5	2.85	24.49	0.281	7.000	Pass
			RB8#Mid	21.58	5	2.85	24.43	0.277	7.000	Pass
			RB8#High	21.55	5	2.85	24.40	0.275	7.000	Pass
			RB15#Low	21.58	5	2.85	24.43	0.277	7.000	Pass
		16-QAM	RB1#Low	21.6	5	2.85	24.45	0.279	7.000	Pass
			RB1#Mid	21.61	5	2.85	24.46	0.279	7.000	Pass
			RB1#High	21.19	5	2.85	24.04	0.254	7.000	Pass
			RB8#Low	20.44	5	2.85	23.29	0.213	7.000	Pass
			RB8#Mid	20.38	5	2.85	23.23	0.210	7.000	Pass
			RB8#High	20.41	5	2.85	23.26	0.212	7.000	Pass
			RB15#Low	20.56	5	2.85	23.41	0.219	7.000	Pass
	HCH	QPSK	RB1#Low	22.66	5	2.85	25.51	0.356	7.000	Pass
			RB1#Mid	22.73	5	2.85	25.58	0.361	7.000	Pass
			RB1#High	22.56	5	2.85	25.41	0.348	7.000	Pass
			RB8#Low	21.64	5	2.85	24.49	0.281	7.000	Pass
			RB8#Mid	21.75	5	2.85	24.60	0.288	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#High	21.57	5	2.85	24.42	0.277	7.000	Pass
			RB15#Low	21.67	5	2.85	24.52	0.283	7.000	Pass
		16-QAM	RB1#Low	21.73	5	2.85	24.58	0.287	7.000	Pass
			RB1#Mid	21.66	5	2.85	24.51	0.282	7.000	Pass
			RB1#High	21.41	5	2.85	24.26	0.267	7.000	Pass
			RB8#Low	20.68	5	2.85	23.53	0.225	7.000	Pass
			RB8#Mid	20.6	5	2.85	23.45	0.221	7.000	Pass
			RB8#High	20.52	5	2.85	23.37	0.217	7.000	Pass
			RB15#Low	20.47	5	2.85	23.32	0.215	7.000	Pass
5 MHz	LCH	QPSK	RB1#Low	21.94	5	2.85	24.79	0.301	7.000	Pass
			RB1#Mid	22.17	5	2.85	25.02	0.318	7.000	Pass
			RB1#High	22.23	5	2.85	25.08	0.322	7.000	Pass
			RB12#Low	21.34	5	2.85	24.19	0.262	7.000	Pass
			RB12#Mid	21.41	5	2.85	24.26	0.267	7.000	Pass
			RB12#High	21.34	5	2.85	24.19	0.262	7.000	Pass
			RB25#Low	21.36	5	2.85	24.21	0.264	7.000	Pass
		16-QAM	RB1#Low	20.87	5	2.85	23.72	0.236	7.000	Pass
			RB1#Mid	21.27	5	2.85	24.12	0.258	7.000	Pass
			RB1#High	20.86	5	2.85	23.71	0.235	7.000	Pass
			RB12#Low	20.2	5	2.85	23.05	0.202	7.000	Pass
			RB12#Mid	20.28	5	2.85	23.13	0.206	7.000	Pass
			RB12#High	20.33	5	2.85	23.18	0.208	7.000	Pass
			RB25#Low	20.45	5	2.85	23.30	0.214	7.000	Pass
	MCH	QPSK	RB1#Low	22.13	5	2.85	24.98	0.315	7.000	Pass
			RB1#Mid	22.29	5	2.85	25.14	0.327	7.000	Pass
			RB1#High	22.14	5	2.85	24.99	0.316	7.000	Pass
			RB12#Low	21.56	5	2.85	24.41	0.276	7.000	Pass
			RB12#Mid	21.6	5	2.85	24.45	0.279	7.000	Pass
			RB12#High	21.53	5	2.85	24.38	0.274	7.000	Pass
			RB25#Low	21.51	5	2.85	24.36	0.273	7.000	Pass
		16-QAM	RB1#Low	21.46	5	2.85	24.31	0.270	7.000	Pass
			RB1#Mid	21.55	5	2.85	24.40	0.275	7.000	Pass
			RB1#High	20.86	5	2.85	23.71	0.235	7.000	Pass
			RB12#Low	20.31	5	2.85	23.16	0.207	7.000	Pass
			RB12#Mid	20.37	5	2.85	23.22	0.210	7.000	Pass
			RB12#High	20.37	5	2.85	23.22	0.210	7.000	Pass
			RB25#Low	20.57	5	2.85	23.42	0.220	7.000	Pass
	HCH	QPSK	RB1#Low	22.37	5	2.85	25.22	0.333	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#Mid	22.52	5	2.85	25.37	0.344	7.000	Pass
			RB1#High	22.36	5	2.85	25.21	0.332	7.000	Pass
			RB12#Low	21.6	5	2.85	24.45	0.279	7.000	Pass
			RB12#Mid	21.61	5	2.85	24.46	0.279	7.000	Pass
			RB12#High	21.57	5	2.85	24.42	0.277	7.000	Pass
			RB25#Low	21.62	5	2.85	24.47	0.280	7.000	Pass
		16-QAM	RB1#Low	21.71	5	2.85	24.56	0.286	7.000	Pass
			RB1#Mid	21.72	5	2.85	24.57	0.286	7.000	Pass
			RB1#High	20.66	5	2.85	23.51	0.224	7.000	Pass
			RB12#Low	20.38	5	2.85	23.23	0.210	7.000	Pass
			RB12#Mid	20.53	5	2.85	23.38	0.218	7.000	Pass
			RB12#High	20.42	5	2.85	23.27	0.212	7.000	Pass
			RB25#Low	20.6	5	2.85	23.45	0.221	7.000	Pass
10 MHz	LCH	QPSK	RB1#Low	22.17	5	2.85	25.02	0.318	7.000	Pass
			RB1#Mid	22.49	5	2.85	25.34	0.342	7.000	Pass
			RB1#High	22.25	5	2.85	25.10	0.324	7.000	Pass
			RB25#Low	21.39	5	2.85	24.24	0.265	7.000	Pass
			RB25#Mid	21.5	5	2.85	24.35	0.272	7.000	Pass
			RB25#High	21.48	5	2.85	24.33	0.271	7.000	Pass
			RB50#Low	21.5	5	2.85	24.35	0.272	7.000	Pass
		16-QAM	RB1#Low	21.21	5	2.85	24.06	0.255	7.000	Pass
			RB1#Mid	21.79	5	2.85	24.64	0.291	7.000	Pass
			RB1#High	21.3	5	2.85	24.15	0.260	7.000	Pass
			RB25#Low	20.29	5	2.85	23.14	0.206	7.000	Pass
			RB25#Mid	20.52	5	2.85	23.37	0.217	7.000	Pass
			RB25#High	20.45	5	2.85	23.30	0.214	7.000	Pass
			RB50#Low	20.55	5	2.85	23.40	0.219	7.000	Pass
	MCH	QPSK	RB1#Low	22.17	5	2.85	25.02	0.318	7.000	Pass
			RB1#Mid	22.87	5	2.85	25.72	0.373	7.000	Pass
			RB1#High	22.35	5	2.85	25.20	0.331	7.000	Pass
			RB25#Low	21.41	5	2.85	24.26	0.267	7.000	Pass
			RB25#Mid	21.59	5	2.85	24.44	0.278	7.000	Pass
			RB25#High	21.57	5	2.85	24.42	0.277	7.000	Pass
			RB50#Low	21.46	5	2.85	24.31	0.270	7.000	Pass
		16-QAM	RB1#Low	21.32	5	2.85	24.17	0.261	7.000	Pass
			RB1#Mid	21.54	5	2.85	24.39	0.275	7.000	Pass
			RB1#High	20.99	5	2.85	23.84	0.242	7.000	Pass
			RB25#Low	20.45	5	2.85	23.30	0.214	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#Mid	20.48	5	2.85	23.33	0.215	7.000	Pass
			RB25#High	20.35	5	2.85	23.20	0.209	7.000	Pass
			RB50#Low	20.29	5	2.85	23.14	0.206	7.000	Pass
	HCH	QPSK	RB1#Low	22.42	5	2.85	25.27	0.337	7.000	Pass
			RB1#Mid	**22.93**	5	2.85	25.78	0.378	7.000	Pass
			RB1#High	22.51	5	2.85	25.36	0.344	7.000	Pass
			RB25#Low	21.49	5	2.85	24.34	0.272	7.000	Pass
			RB25#Mid	21.62	5	2.85	24.47	0.280	7.000	Pass
			RB25#High	21.61	5	2.85	24.46	0.279	7.000	Pass
			RB50#Low	21.61	5	2.85	24.46	0.279	7.000	Pass
		16-QAM	RB1#Low	21.47	5	2.85	24.32	0.270	7.000	Pass
			RB1#Mid	21.69	5	2.85	24.54	0.284	7.000	Pass
			RB1#High	21.7	5	2.85	24.55	0.285	7.000	Pass
			RB25#Low	20.67	5	2.85	23.52	0.225	7.000	Pass
			RB25#Mid	20.63	5	2.85	23.48	0.223	7.000	Pass
			RB25#High	20.69	5	2.85	23.54	0.226	7.000	Pass
			RB50#Low	20.64	5	2.85	23.49	0.223	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#Low	21.88	5	26.88	0.488	2.000	Pass
			RB1#Mid	21.87	5	26.87	0.486	2.000	Pass
			RB1#High	21.84	5	26.84	0.483	2.000	Pass
			RB12#Low	20.9	5	25.90	0.389	2.000	Pass
			RB12#Mid	20.97	5	25.97	0.395	2.000	Pass
			RB12#High	20.97	5	25.97	0.395	2.000	Pass
			RB25#Low	20.95	5	25.95	0.394	2.000	Pass
		16-QAM	RB1#Low	20.75	5	25.75	0.376	2.000	Pass
			RB1#Mid	20.66	5	25.66	0.368	2.000	Pass
			RB1#High	20.12	5	25.12	0.325	2.000	Pass
			RB12#Low	19.75	5	24.75	0.299	2.000	Pass
			RB12#Mid	19.81	5	24.81	0.303	2.000	Pass
			RB12#High	19.77	5	24.77	0.300	2.000	Pass
			RB25#Low	20.08	5	25.08	0.322	2.000	Pass
	MCH	QPSK	RB1#Low	21.62	5	26.62	0.459	2.000	Pass
			RB1#Mid	21.93	5	26.93	0.493	2.000	Pass
			RB1#High	21.62	5	26.62	0.459	2.000	Pass
			RB12#Low	20.86	5	25.86	0.385	2.000	Pass
			RB12#Mid	20.99	5	25.99	0.397	2.000	Pass
			RB12#High	20.98	5	25.98	0.396	2.000	Pass
			RB25#Low	21.07	5	26.07	0.405	2.000	Pass
		16-QAM	RB1#Low	20.8	5	25.80	0.380	2.000	Pass
			RB1#Mid	20.99	5	25.99	0.397	2.000	Pass
			RB1#High	20.56	5	25.56	0.360	2.000	Pass
			RB12#Low	19.66	5	24.66	0.292	2.000	Pass
			RB12#Mid	19.77	5	24.77	0.300	2.000	Pass
			RB12#High	19.8	5	24.80	0.302	2.000	Pass
			RB25#Low	20.01	5	25.01	0.317	2.000	Pass
	HCH	QPSK	RB1#Low	21.65	5	26.65	0.462	2.000	Pass
			RB1#Mid	21.84	5	26.84	0.483	2.000	Pass
			RB1#High	21.57	5	26.57	0.454	2.000	Pass
			RB12#Low	20.81	5	25.81	0.381	2.000	Pass
			RB12#Mid	20.77	5	25.77	0.378	2.000	Pass
			RB12#High	20.66	5	25.66	0.368	2.000	Pass
			RB25#Low	20.77	5	25.77	0.378	2.000	Pass
		16-QAM	RB1#Low	20.69	5	25.69	0.371	2.000	Pass
			RB1#Mid	20.84	5	25.84	0.384	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#High	19.85	5	24.85	0.305	2.000	Pass
			RB12#Low	19.88	5	24.88	0.308	2.000	Pass
			RB12#Mid	19.9	5	24.90	0.309	2.000	Pass
			RB12#High	19.62	5	24.62	0.290	2.000	Pass
			RB25#Low	19.72	5	24.72	0.296	2.000	Pass
10 MHz	LCH	QPSK	RB1#Low	21.95	5	26.95	0.495	2.000	Pass
			RB1#Mid	**22.36**	5	27.36	0.545	2.000	Pass
			RB1#High	22.01	5	27.01	0.502	2.000	Pass
			RB25#Low	20.97	5	25.97	0.395	2.000	Pass
			RB25#Mid	20.95	5	25.95	0.394	2.000	Pass
			RB25#High	21.1	5	26.10	0.407	2.000	Pass
			RB50#Low	21.05	5	26.05	0.403	2.000	Pass
		16-QAM	RB1#Low	20.99	5	25.99	0.397	2.000	Pass
			RB1#Mid	21.19	5	26.19	0.416	2.000	Pass
			RB1#High	21.03	5	26.03	0.401	2.000	Pass
			RB25#Low	19.98	5	24.98	0.315	2.000	Pass
			RB25#Mid	19.96	5	24.96	0.313	2.000	Pass
			RB25#High	19.95	5	24.95	0.313	2.000	Pass
			RB50#Low	19.93	5	24.93	0.311	2.000	Pass
	MCH	QPSK	RB1#Low	21.67	5	26.67	0.465	2.000	Pass
			RB1#Mid	22.31	5	27.31	0.538	2.000	Pass
			RB1#High	21.96	5	26.96	0.497	2.000	Pass
			RB25#Low	20.81	5	25.81	0.381	2.000	Pass
			RB25#Mid	20.94	5	25.94	0.393	2.000	Pass
			RB25#High	21.02	5	26.02	0.400	2.000	Pass
			RB50#Low	20.82	5	25.82	0.382	2.000	Pass
		16-QAM	RB1#Low	20.78	5	25.78	0.378	2.000	Pass
			RB1#Mid	21.01	5	26.01	0.399	2.000	Pass
			RB1#High	20.45	5	25.45	0.351	2.000	Pass
			RB25#Low	19.63	5	24.63	0.290	2.000	Pass
			RB25#Mid	19.84	5	24.84	0.305	2.000	Pass
			RB25#High	19.86	5	24.86	0.306	2.000	Pass
			RB50#Low	19.72	5	24.72	0.296	2.000	Pass
	HCH	QPSK	RB1#Low	21.98	5	26.98	0.499	2.000	Pass
			RB1#Mid	22.08	5	27.08	0.511	2.000	Pass
			RB1#High	21.73	5	26.73	0.471	2.000	Pass
			RB25#Low	20.81	5	25.81	0.381	2.000	Pass
			RB25#Mid	20.77	5	25.77	0.378	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#High	20.76	5	25.76	0.377	2.000	Pass
			RB50#Low	20.81	5	25.81	0.381	2.000	Pass
		16-QAM	RB1#Low	20.99	5	25.99	0.397	2.000	Pass
			RB1#Mid	20.87	5	25.87	0.386	2.000	Pass
			RB1#High	20.48	5	25.48	0.353	2.000	Pass
			RB25#Low	20.08	5	25.08	0.322	2.000	Pass
			RB25#Mid	20.1	5	25.10	0.324	2.000	Pass
			RB25#High	19.96	5	24.96	0.313	2.000	Pass
			RB50#Low	19.82	5	24.82	0.303	2.000	Pass
15 MHz	LCH	QPSK	RB1#Low	21.8	5	26.80	0.479	2.000	Pass
			RB1#Mid	22.02	5	27.02	0.504	2.000	Pass
			RB1#High	21.82	5	26.82	0.481	2.000	Pass
			RB36#Low	20.95	5	25.95	0.394	2.000	Pass
			RB36#Mid	21.01	5	26.01	0.399	2.000	Pass
			RB36#High	20.96	5	25.96	0.394	2.000	Pass
			RB75#Low	20.98	5	25.98	0.396	2.000	Pass
		16-QAM	RB1#Low	20.93	5	25.93	0.392	2.000	Pass
			RB1#Mid	20.91	5	25.91	0.390	2.000	Pass
			RB1#High	20.79	5	25.79	0.379	2.000	Pass
			RB36#Low	19.93	5	24.93	0.311	2.000	Pass
			RB36#Mid	19.9	5	24.90	0.309	2.000	Pass
			RB36#High	19.95	5	24.95	0.313	2.000	Pass
			RB75#Low	19.97	5	24.97	0.314	2.000	Pass
	MCH	QPSK	RB1#Low	21.69	5	26.69	0.467	2.000	Pass
			RB1#Mid	22.06	5	27.06	0.508	2.000	Pass
			RB1#High	21.88	5	26.88	0.488	2.000	Pass
			RB36#Low	20.82	5	25.82	0.382	2.000	Pass
			RB36#Mid	20.96	5	25.96	0.394	2.000	Pass
			RB36#High	20.97	5	25.97	0.395	2.000	Pass
			RB75#Low	20.85	5	25.85	0.385	2.000	Pass
		16-QAM	RB1#Low	20.9	5	25.90	0.389	2.000	Pass
			RB1#Mid	21.04	5	26.04	0.402	2.000	Pass
			RB1#High	20.4	5	25.40	0.347	2.000	Pass
			RB36#Low	19.78	5	24.78	0.301	2.000	Pass
			RB36#Mid	19.86	5	24.86	0.306	2.000	Pass
			RB36#High	19.9	5	24.90	0.309	2.000	Pass
			RB75#Low	19.85	5	24.85	0.305	2.000	Pass
	HCH	QPSK	RB1#Low	21.86	5	26.86	0.485	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#Mid	21.79	5	26.79	0.478	2.000	Pass
			RB1#High	21.63	5	26.63	0.460	2.000	Pass
			RB36#Low	20.96	5	25.96	0.394	2.000	Pass
			RB36#Mid	20.77	5	25.77	0.378	2.000	Pass
			RB36#High	20.77	5	25.77	0.378	2.000	Pass
			RB75#Low	20.91	5	25.91	0.390	2.000	Pass
		16-QAM	RB1#Low	21.62	5	26.62	0.459	2.000	Pass
			RB1#Mid	21.61	5	26.61	0.458	2.000	Pass
			RB1#High	21.51	5	26.51	0.448	2.000	Pass
			RB36#Low	19.89	5	24.89	0.308	2.000	Pass
			RB36#Mid	19.75	5	24.75	0.299	2.000	Pass
			RB36#High	19.67	5	24.67	0.293	2.000	Pass
			RB75#Low	19.84	5	24.84	0.305	2.000	Pass
20 MHz	LCH	QPSK	RB1#Low	21.73	5	26.73	0.471	2.000	Pass
			RB1#Mid	22.22	5	27.22	0.527	2.000	Pass
			RB1#High	21.44	5	26.44	0.441	2.000	Pass
			RB50#Low	20.95	5	25.95	0.394	2.000	Pass
			RB50#Mid	21.02	5	26.02	0.400	2.000	Pass
			RB50#High	20.82	5	25.82	0.382	2.000	Pass
			RB100#Low	20.88	5	25.88	0.387	2.000	Pass
		16-QAM	RB1#Low	21.01	5	26.01	0.399	2.000	Pass
			RB1#Mid	21.22	5	26.22	0.419	2.000	Pass
			RB1#High	20.35	5	25.35	0.343	2.000	Pass
			RB50#Low	20.07	5	25.07	0.321	2.000	Pass
			RB50#Mid	20.13	5	25.13	0.326	2.000	Pass
			RB50#High	19.95	5	24.95	0.313	2.000	Pass
			RB100#Low	19.89	5	24.89	0.308	2.000	Pass
	MCH	QPSK	RB1#Low	21.91	5	26.91	0.491	2.000	Pass
			RB1#Mid	22.27	5	27.27	0.533	2.000	Pass
			RB1#High	21.93	5	26.93	0.493	2.000	Pass
			RB50#Low	20.77	5	25.77	0.378	2.000	Pass
			RB50#Mid	20.88	5	25.88	0.387	2.000	Pass
			RB50#High	20.99	5	25.99	0.397	2.000	Pass
			RB100#Low	20.84	5	25.84	0.384	2.000	Pass
		16-QAM	RB1#Low	21.39	5	26.39	0.436	2.000	Pass
			RB1#Mid	20.94	5	25.94	0.393	2.000	Pass
			RB1#High	20.78	5	25.78	0.378	2.000	Pass
			RB50#Low	19.89	5	24.89	0.308	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#Mid	20.01	5	25.01	0.317	2.000	Pass
			RB50#High	19.98	5	24.98	0.315	2.000	Pass
			RB100#Low	19.82	5	24.82	0.303	2.000	Pass
	HCH	QPSK	RB1#Low	21.91	5	26.91	0.491	2.000	Pass
			RB1#Mid	22	5	27.00	0.501	2.000	Pass
			RB1#High	21.7	5	26.70	0.468	2.000	Pass
			RB50#Low	20.98	5	25.98	0.396	2.000	Pass
			RB50#Mid	20.89	5	25.89	0.388	2.000	Pass
			RB50#High	20.77	5	25.77	0.378	2.000	Pass
			RB100#Low	20.94	5	25.94	0.393	2.000	Pass
		16-QAM	RB1#Low	20.85	5	25.85	0.385	2.000	Pass
			RB1#Mid	20.98	5	25.98	0.396	2.000	Pass
			RB1#High	20.52	5	25.52	0.356	2.000	Pass
			RB50#Low	19.78	5	24.78	0.301	2.000	Pass
			RB50#Mid	19.89	5	24.89	0.308	2.000	Pass
			RB50#High	19.76	5	24.76	0.299	2.000	Pass
			RB100#Low	19.91	5	24.91	0.310	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#Low	22.31	5	2.85	25.16	0.328	3.000	Pass
			RB1#Mid	22.17	5	2.85	25.02	0.318	3.000	Pass
			RB1#High	22.15	5	2.85	25.00	0.316	3.000	Pass
			RB3#Low	22.25	5	2.85	25.10	0.324	3.000	Pass
			RB3#Mid	22.24	5	2.85	25.09	0.323	3.000	Pass
			RB3#High	22.12	5	2.85	24.97	0.314	3.000	Pass
			RB6#Low	21.22	5	2.85	24.07	0.255	3.000	Pass
		16-QAM	RB1#Low	21.12	5	2.85	23.97	0.249	3.000	Pass
			RB1#Mid	21.17	5	2.85	24.02	0.252	3.000	Pass
			RB1#High	21.16	5	2.85	24.01	0.252	3.000	Pass
			RB3#Low	21.41	5	2.85	24.26	0.267	3.000	Pass
			RB3#Mid	21.41	5	2.85	24.26	0.267	3.000	Pass
			RB3#High	21.4	5	2.85	24.25	0.266	3.000	Pass
			RB6#Low	20.37	5	2.85	23.22	0.210	3.000	Pass
	MCH	QPSK	RB1#Low	22.37	5	2.85	25.22	0.333	3.000	Pass
			RB1#Mid	22.43	5	2.85	25.28	0.337	3.000	Pass
			RB1#High	22.35	5	2.85	25.20	0.331	3.000	Pass
			RB3#Low	22.44	5	2.85	25.29	0.338	3.000	Pass
			RB3#Mid	22.39	5	2.85	25.24	0.334	3.000	Pass
			RB3#High	22.33	5	2.85	25.18	0.330	3.000	Pass
			RB6#Low	21.34	5	2.85	24.19	0.262	3.000	Pass
		16-QAM	RB1#Low	21.52	5	2.85	24.37	0.274	3.000	Pass
			RB1#Mid	21.5	5	2.85	24.35	0.272	3.000	Pass
			RB1#High	21.42	5	2.85	24.27	0.267	3.000	Pass
			RB3#Low	21.13	5	2.85	23.98	0.250	3.000	Pass
			RB3#Mid	21.28	5	2.85	24.13	0.259	3.000	Pass
			RB3#High	21.11	5	2.85	23.96	0.249	3.000	Pass
			RB6#Low	20.11	5	2.85	22.96	0.198	3.000	Pass
	HCH	QPSK	RB1#Low	22.22	5	2.85	25.07	0.321	3.000	Pass
			RB1#Mid	22.25	5	2.85	25.10	0.324	3.000	Pass
			RB1#High	22.19	5	2.85	25.04	0.319	3.000	Pass
			RB3#Low	22.19	5	2.85	25.04	0.319	3.000	Pass
			RB3#Mid	22.23	5	2.85	25.08	0.322	3.000	Pass
			RB3#High	22.19	5	2.85	25.04	0.319	3.000	Pass
			RB6#Low	21.17	5	2.85	24.02	0.252	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										
		16-QAM	RB1#Low	21.09	5	2.85	23.94	0.248	3.000	Pass
			RB1#Mid	21.17	5	2.85	24.02	0.252	3.000	Pass
			RB1#High	21.06	5	2.85	23.91	0.246	3.000	Pass
			RB3#Low	21.14	5	2.85	23.99	0.251	3.000	Pass
			RB3#Mid	21.21	5	2.85	24.06	0.255	3.000	Pass
			RB3#High	21.15	5	2.85	24.00	0.251	3.000	Pass
			RB6#Low	20.2	5	2.85	23.05	0.202	3.000	Pass
3 MHz	LCH	QPSK	RB1#Low	22.3	5	2.85	25.15	0.327	3.000	Pass
			RB1#Mid	22.54	5	2.85	25.39	0.346	3.000	Pass
			RB1#High	22.59	5	2.85	25.44	0.350	3.000	Pass
			RB8#Low	21.45	5	2.85	24.30	0.269	3.000	Pass
			RB8#Mid	21.46	5	2.85	24.31	0.270	3.000	Pass
			RB8#High	21.52	5	2.85	24.37	0.274	3.000	Pass
			RB15#Low	21.48	5	2.85	24.33	0.271	3.000	Pass
		16-QAM	RB1#Low	20.93	5	2.85	23.78	0.239	3.000	Pass
			RB1#Mid	21.04	5	2.85	23.89	0.245	3.000	Pass
			RB1#High	21.1	5	2.85	23.95	0.248	3.000	Pass
			RB8#Low	20.21	5	2.85	23.06	0.202	3.000	Pass
			RB8#Mid	20.21	5	2.85	23.06	0.202	3.000	Pass
			RB8#High	20.18	5	2.85	23.03	0.201	3.000	Pass
			RB15#Low	20.31	5	2.85	23.16	0.207	3.000	Pass
	MCH	QPSK	RB1#Low	22.39	5	2.85	25.24	0.334	3.000	Pass
			RB1#Mid	22.36	5	2.85	25.21	0.332	3.000	Pass
			RB1#High	22.43	5	2.85	25.28	0.337	3.000	Pass
			RB8#Low	21.47	5	2.85	24.32	0.270	3.000	Pass
			RB8#Mid	21.42	5	2.85	24.27	0.267	3.000	Pass
			RB8#High	21.43	5	2.85	24.28	0.268	3.000	Pass
			RB15#Low	21.54	5	2.85	24.39	0.275	3.000	Pass
		16-QAM	RB1#Low	21.42	5	2.85	24.27	0.267	3.000	Pass
			RB1#Mid	21.52	5	2.85	24.37	0.274	3.000	Pass
			RB1#High	21.42	5	2.85	24.27	0.267	3.000	Pass
			RB8#Low	20.65	5	2.85	23.50	0.224	3.000	Pass
			RB8#Mid	20.59	5	2.85	23.44	0.221	3.000	Pass
			RB8#High	20.59	5	2.85	23.44	0.221	3.000	Pass
			RB15#Low	20.5	5	2.85	23.35	0.216	3.000	Pass
	HCH	QPSK	RB1#Low	22.54	5	2.85	25.39	0.346	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#Mid	22.37	5	2.85	25.22	0.333	3.000	Pass
			RB1#High	22.03	5	2.85	24.88	0.308	3.000	Pass
			RB8#Low	21.35	5	2.85	24.20	0.263	3.000	Pass
			RB8#Mid	21.2	5	2.85	24.05	0.254	3.000	Pass
			RB8#High	21.24	5	2.85	24.09	0.256	3.000	Pass
			RB15#Low	21.42	5	2.85	24.27	0.267	3.000	Pass
		16-QAM	RB1#Low	21.48	5	2.85	24.33	0.271	3.000	Pass
			RB1#Mid	21.19	5	2.85	24.04	0.254	3.000	Pass
			RB1#High	20.97	5	2.85	23.82	0.241	3.000	Pass
			RB8#Low	20.31	5	2.85	23.16	0.207	3.000	Pass
			RB8#Mid	20.28	5	2.85	23.13	0.206	3.000	Pass
			RB8#High	20.13	5	2.85	22.98	0.199	3.000	Pass
			RB15#Low	20.19	5	2.85	23.04	0.201	3.000	Pass
5 MHz	LCH	QPSK	RB1#Low	21.96	5	2.85	24.81	0.303	3.000	Pass
			RB1#Mid	22.29	5	2.85	25.14	0.327	3.000	Pass
			RB1#High	22.31	5	2.85	25.16	0.328	3.000	Pass
			RB12#Low	21.26	5	2.85	24.11	0.258	3.000	Pass
			RB12#Mid	21.45	5	2.85	24.30	0.269	3.000	Pass
			RB12#High	21.37	5	2.85	24.22	0.264	3.000	Pass
			RB25#Low	21.35	5	2.85	24.20	0.263	3.000	Pass
		16-QAM	RB1#Low	20.75	5	2.85	23.60	0.229	3.000	Pass
			RB1#Mid	21.15	5	2.85	24.00	0.251	3.000	Pass
			RB1#High	20.74	5	2.85	23.59	0.229	3.000	Pass
			RB12#Low	20.34	5	2.85	23.19	0.208	3.000	Pass
			RB12#Mid	20.44	5	2.85	23.29	0.213	3.000	Pass
			RB12#High	20.34	5	2.85	23.19	0.208	3.000	Pass
			RB25#Low	20.47	5	2.85	23.32	0.215	3.000	Pass
	MCH	QPSK	RB1#Low	22.13	5	2.85	24.98	0.315	3.000	Pass
			RB1#Mid	22.32	5	2.85	25.17	0.329	3.000	Pass
			RB1#High	22	5	2.85	24.85	0.305	3.000	Pass
			RB12#Low	21.37	5	2.85	24.22	0.264	3.000	Pass
			RB12#Mid	21.51	5	2.85	24.36	0.273	3.000	Pass
			RB12#High	21.44	5	2.85	24.29	0.269	3.000	Pass
			RB25#Low	21.51	5	2.85	24.36	0.273	3.000	Pass
		16-QAM	RB1#Low	21.39	5	2.85	24.24	0.265	3.000	Pass
			RB1#Mid	21.51	5	2.85	24.36	0.273	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#High	21	5	2.85	23.85	0.243	3.000	Pass
			RB12#Low	20.18	5	2.85	23.03	0.201	3.000	Pass
			RB12#Mid	20.31	5	2.85	23.16	0.207	3.000	Pass
			RB12#High	20.27	5	2.85	23.12	0.205	3.000	Pass
			RB25#Low	20.53	5	2.85	23.38	0.218	3.000	Pass
	HCH	QPSK	RB1#Low	22.06	5	2.85	24.91	0.310	3.000	Pass
			RB1#Mid	22.3	5	2.85	25.15	0.327	3.000	Pass
			RB1#High	22.07	5	2.85	24.92	0.310	3.000	Pass
			RB12#Low	21.46	5	2.85	24.31	0.270	3.000	Pass
			RB12#Mid	21.33	5	2.85	24.18	0.262	3.000	Pass
			RB12#High	21.18	5	2.85	24.03	0.253	3.000	Pass
			RB25#Low	21.28	5	2.85	24.13	0.259	3.000	Pass
		16-QAM	RB1#Low	20.97	5	2.85	23.82	0.241	3.000	Pass
			RB1#Mid	21.33	5	2.85	24.18	0.262	3.000	Pass
			RB1#High	20.3	5	2.85	23.15	0.207	3.000	Pass
			RB12#Low	20.33	5	2.85	23.18	0.208	3.000	Pass
			RB12#Mid	20.4	5	2.85	23.25	0.211	3.000	Pass
			RB12#High	20.26	5	2.85	23.11	0.205	3.000	Pass
			RB25#Low	20.18	5	2.85	23.03	0.201	3.000	Pass
10 MHz	LCH	QPSK	RB1#Low	22.36	5	2.85	25.21	0.332	3.000	Pass
			RB1#Mid	22.58	5	2.85	25.43	0.349	3.000	Pass
			RB1#High	22.32	5	2.85	25.17	0.329	3.000	Pass
			RB25#Low	21.32	5	2.85	24.17	0.261	3.000	Pass
			RB25#Mid	21.38	5	2.85	24.23	0.265	3.000	Pass
			RB25#High	21.38	5	2.85	24.23	0.265	3.000	Pass
			RB50#Low	21.42	5	2.85	24.27	0.267	3.000	Pass
		16-QAM	RB1#Low	21.21	5	2.85	24.06	0.255	3.000	Pass
			RB1#Mid	22.18	5	2.85	25.03	0.318	3.000	Pass
			RB1#High	21.39	5	2.85	24.24	0.265	3.000	Pass
			RB25#Low	20.26	5	2.85	23.11	0.205	3.000	Pass
			RB25#Mid	20.48	5	2.85	23.33	0.215	3.000	Pass
			RB25#High	20.35	5	2.85	23.20	0.209	3.000	Pass
			RB50#Low	20.4	5	2.85	23.25	0.211	3.000	Pass
	MCH	QPSK	RB1#Low	22.14	5	2.85	24.99	0.316	3.000	Pass
			RB1#Mid	22.38	5	2.85	25.23	0.333	3.000	Pass
			RB1#High	22.2	5	2.85	25.05	0.320	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#Low	21.37	5	2.85	24.22	0.264	3.000	Pass
			RB25#Mid	21.53	5	2.85	24.38	0.274	3.000	Pass
			RB25#High	21.36	5	2.85	24.21	0.264	3.000	Pass
			RB50#Low	21.46	5	2.85	24.31	0.270	3.000	Pass
		16-QAM	RB1#Low	21.49	5	2.85	24.34	0.272	3.000	Pass
			RB1#Mid	21.88	5	2.85	24.73	0.297	3.000	Pass
			RB1#High	21.28	5	2.85	24.13	0.259	3.000	Pass
			RB25#Low	20.4	5	2.85	23.25	0.211	3.000	Pass
			RB25#Mid	20.49	5	2.85	23.34	0.216	3.000	Pass
			RB25#High	20.45	5	2.85	23.30	0.214	3.000	Pass
			RB50#Low	20.42	5	2.85	23.27	0.212	3.000	Pass
	HCH	QPSK	RB1#Low	22.52	5	2.85	25.37	0.344	3.000	Pass
			RB1#Mid	**22.76**	5	2.85	25.61	0.364	3.000	Pass
			RB1#High	21.96	5	2.85	24.81	0.303	3.000	Pass
			RB25#Low	21.52	5	2.85	24.37	0.274	3.000	Pass
			RB25#Mid	21.48	5	2.85	24.33	0.271	3.000	Pass
			RB25#High	21.37	5	2.85	24.22	0.264	3.000	Pass
			RB50#Low	21.46	5	2.85	24.31	0.270	3.000	Pass
		16-QAM	RB1#Low	21.08	5	2.85	23.93	0.247	3.000	Pass
			RB1#Mid	21.53	5	2.85	24.38	0.274	3.000	Pass
			RB1#High	21.19	5	2.85	24.04	0.254	3.000	Pass
			RB25#Low	20.49	5	2.85	23.34	0.216	3.000	Pass
			RB25#Mid	20.44	5	2.85	23.29	0.213	3.000	Pass
			RB25#High	20.34	5	2.85	23.19	0.208	3.000	Pass
			RB50#Low	20.38	5	2.85	23.23	0.210	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 BAND13										
5 MHz	LCH	QPSK	RB1#Low	23.73	5	2.85	26.58	0.455	3.000	Pass
			RB1#Mid	23.74	5	2.85	26.59	0.456	3.000	Pass
			RB1#High	23.56	5	2.85	26.41	0.438	3.000	Pass
			RB12#Low	22.74	5	2.85	25.59	0.362	3.000	Pass
			RB12#Mid	22.81	5	2.85	25.66	0.368	3.000	Pass
			RB12#High	22.87	5	2.85	25.72	0.373	3.000	Pass
			RB25#Low	22.86	5	2.85	25.71	0.372	3.000	Pass
		16-QAM	RB1#Low	22.37	5	2.85	25.22	0.333	3.000	Pass
			RB1#Mid	22.88	5	2.85	25.73	0.374	3.000	Pass
			RB1#High	22.81	5	2.85	25.66	0.368	3.000	Pass
			RB12#Low	21.79	5	2.85	24.64	0.291	3.000	Pass
			RB12#Mid	21.56	5	2.85	24.41	0.276	3.000	Pass
			RB12#High	21.72	5	2.85	24.57	0.286	3.000	Pass
			RB25#Low	21.85	5	2.85	24.70	0.295	3.000	Pass
	MCH	QPSK	RB1#Low	23.68	5	2.85	26.53	0.450	3.000	Pass
			RB1#Mid	23.83	5	2.85	26.68	0.466	3.000	Pass
			RB1#High	**24.15**	5	2.85	27.00	0.501	3.000	Pass
			RB12#Low	22.84	5	2.85	25.69	0.371	3.000	Pass
			RB12#Mid	22.93	5	2.85	25.78	0.378	3.000	Pass
			RB12#High	22.89	5	2.85	25.74	0.375	3.000	Pass
			RB25#Low	22.97	5	2.85	25.82	0.382	3.000	Pass
		16-QAM	RB1#Low	22.63	5	2.85	25.48	0.353	3.000	Pass
			RB1#Mid	22.84	5	2.85	25.69	0.371	3.000	Pass
			RB1#High	22.16	5	2.85	25.01	0.317	3.000	Pass
			RB12#Low	21.82	5	2.85	24.67	0.293	3.000	Pass
			RB12#Mid	21.92	5	2.85	24.77	0.300	3.000	Pass
			RB12#High	21.57	5	2.85	24.42	0.277	3.000	Pass
			RB25#Low	22.05	5	2.85	24.90	0.309	3.000	Pass
	HCH	QPSK	RB1#Low	23.98	5	2.85	26.83	0.482	3.000	Pass
			RB1#Mid	23.74	5	2.85	26.59	0.456	3.000	Pass
			RB1#High	23.5	5	2.85	26.35	0.432	3.000	Pass
			RB12#Low	22.87	5	2.85	25.72	0.373	3.000	Pass
			RB12#Mid	22.9	5	2.85	25.75	0.376	3.000	Pass
			RB12#High	22.82	5	2.85	25.67	0.369	3.000	Pass
			RB25#Low	22.77	5	2.85	25.62	0.365	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 BAND13										
		16-QAM	RB1#Low	22.4	5	2.85	25.25	0.335	3.000	Pass
			RB1#Mid	22.87	5	2.85	25.72	0.373	3.000	Pass
			RB1#High	22.43	5	2.85	25.28	0.337	3.000	Pass
			RB12#Low	21.64	5	2.85	24.49	0.281	3.000	Pass
			RB12#Mid	21.62	5	2.85	24.47	0.280	3.000	Pass
			RB12#High	21.52	5	2.85	24.37	0.274	3.000	Pass
			RB25#Low	21.74	5	2.85	24.59	0.288	3.000	Pass
10 MHz	MCH	QPSK	RB1#Low	23.83	5	2.85	26.68	0.466	3.000	Pass
			RB1#Mid	23.95	5	2.85	26.80	0.479	3.000	Pass
			RB1#High	23.72	5	2.85	26.57	0.454	3.000	Pass
			RB25#Low	22.77	5	2.85	25.62	0.365	3.000	Pass
			RB25#Mid	22.92	5	2.85	25.77	0.378	3.000	Pass
			RB25#High	22.85	5	2.85	25.70	0.372	3.000	Pass
			RB50#Low	22.85	5	2.85	25.70	0.372	3.000	Pass
		16-QAM	RB1#Low	22.69	5	2.85	25.54	0.358	3.000	Pass
			RB1#Mid	23.27	5	2.85	26.12	0.409	3.000	Pass
			RB1#High	23.17	5	2.85	26.02	0.400	3.000	Pass
			RB25#Low	21.99	5	2.85	24.84	0.305	3.000	Pass
			RB25#Mid	21.8	5	2.85	24.65	0.292	3.000	Pass
			RB25#High	21.74	5	2.85	24.59	0.288	3.000	Pass
			RB50#Low	21.75	5	2.85	24.60	0.288	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 BAND18(824-830 MHz)										
5 MHz	LCH	QPSK	RB1#Low	22.08	5	2.85	24.93	0.311	7.000	Pass
			RB1#Mid	22.15	5	2.85	25.00	0.316	7.000	Pass
			RB1#High	22.01	5	2.85	24.86	0.306	7.000	Pass
			RB12#Low	21.32	5	2.85	24.17	0.261	7.000	Pass
			RB12#Mid	21.29	5	2.85	24.14	0.259	7.000	Pass
			RB12#High	21.3	5	2.85	24.15	0.260	7.000	Pass
			RB25#Low	21.31	5	2.85	24.16	0.261	7.000	Pass
		16-QAM	RB1#Low	21.18	5	2.85	24.03	0.253	7.000	Pass
			RB1#Mid	21.16	5	2.85	24.01	0.252	7.000	Pass
			RB1#High	20.78	5	2.85	23.63	0.231	7.000	Pass
			RB12#Low	20.09	5	2.85	22.94	0.197	7.000	Pass
			RB12#Mid	20.07	5	2.85	22.92	0.196	7.000	Pass
			RB12#High	20.07	5	2.85	22.92	0.196	7.000	Pass
			RB25#Low	20.32	5	2.85	23.17	0.207	7.000	Pass
	MCH	QPSK	RB1#Low	21.97	5	2.85	24.82	0.303	7.000	Pass
			RB1#Mid	22.21	5	2.85	25.06	0.321	7.000	Pass
			RB1#High	22.19	5	2.85	25.04	0.319	7.000	Pass
			RB12#Low	21.28	5	2.85	24.13	0.259	7.000	Pass
			RB12#Mid	21.3	5	2.85	24.15	0.260	7.000	Pass
			RB12#High	21.29	5	2.85	24.14	0.259	7.000	Pass
			RB25#Low	21.23	5	2.85	24.08	0.256	7.000	Pass
		16-QAM	RB1#Low	21.22	5	2.85	24.07	0.255	7.000	Pass
			RB1#Mid	21.38	5	2.85	24.23	0.265	7.000	Pass
			RB1#High	21.27	5	2.85	24.12	0.258	7.000	Pass
			RB12#Low	20.11	5	2.85	22.96	0.198	7.000	Pass
			RB12#Mid	20.13	5	2.85	22.98	0.199	7.000	Pass
			RB12#High	20.13	5	2.85	22.98	0.199	7.000	Pass
			RB25#Low	20.19	5	2.85	23.04	0.201	7.000	Pass
	HCH	QPSK	RB1#Low	22.08	5	2.85	24.93	0.311	7.000	Pass
			RB1#Mid	**22.29**	5	2.85	25.14	0.327	7.000	Pass
			RB1#High	22.17	5	2.85	25.02	0.318	7.000	Pass
			RB12#Low	21.28	5	2.85	24.13	0.259	7.000	Pass
			RB12#Mid	21.27	5	2.85	24.12	0.258	7.000	Pass
			RB12#High	21.24	5	2.85	24.09	0.256	7.000	Pass
			RB25#Low	21.31	5	2.85	24.16	0.261	7.000	Pass
		16-QA	RB1#Low	20.78	5	2.85	23.63	0.231	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 BAND18(824-830 MHz)										
		M	RB1#Mid	21.31	5	2.85	24.16	0.261	7.000	Pass
			RB1#High	21.2	5	2.85	24.05	0.254	7.000	Pass
			RB12#Low	20.03	5	2.85	22.88	0.194	7.000	Pass
			RB12#Mid	20.16	5	2.85	23.01	0.200	7.000	Pass
			RB12#High	20.1	5	2.85	22.95	0.197	7.000	Pass
			RB25#Low	20.21	5	2.85	23.06	0.202	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 BAND18(815-824MHz)										
5 MHz	LCH	QPSK	RB1#Low	21.92	5	2.85	24.77	0.300	100.000	Pass
			RB1#Mid	22.08	5	2.85	24.93	0.311	100.000	Pass
			RB1#High	22.02	5	2.85	24.87	0.307	100.000	Pass
			RB12#Low	21.21	5	2.85	24.06	0.255	100.000	Pass
			RB12#Mid	21.29	5	2.85	24.14	0.259	100.000	Pass
			RB12#High	21.21	5	2.85	24.06	0.255	100.000	Pass
			RB25#Low	21.22	5	2.85	24.07	0.255	100.000	Pass
		16-QAM	RB1#Low	21.17	5	2.85	24.02	0.252	100.000	Pass
			RB1#Mid	21.26	5	2.85	24.11	0.258	100.000	Pass
			RB1#High	21.11	5	2.85	23.96	0.249	100.000	Pass
			RB12#Low	20.03	5	2.85	22.88	0.194	100.000	Pass
			RB12#Mid	20.24	5	2.85	23.09	0.204	100.000	Pass
			RB12#High	20.3	5	2.85	23.15	0.207	100.000	Pass
			RB25#Low	20.34	5	2.85	23.19	0.208	100.000	Pass
	MCH	QPSK	RB1#Low	22.01	5	2.85	24.86	0.306	100.000	Pass
			RB1#Mid	22.14	5	2.85	24.99	0.316	100.000	Pass
			RB1#High	22.06	5	2.85	24.91	0.310	100.000	Pass
			RB12#Low	21.27	5	2.85	24.12	0.258	100.000	Pass
			RB12#Mid	21.27	5	2.85	24.12	0.258	100.000	Pass
			RB12#High	21.28	5	2.85	24.13	0.259	100.000	Pass
			RB25#Low	21.19	5	2.85	24.04	0.254	100.000	Pass
		16-QAM	RB1#Low	21.48	5	2.85	24.33	0.271	100.000	Pass
			RB1#Mid	21.29	5	2.85	24.14	0.259	100.000	Pass
			RB1#High	20.75	5	2.85	23.60	0.229	100.000	Pass
			RB12#Low	20.21	5	2.85	23.06	0.202	100.000	Pass
			RB12#Mid	20.22	5	2.85	23.07	0.203	100.000	Pass
			RB12#High	20.17	5	2.85	23.02	0.200	100.000	Pass
			RB25#Low	20.27	5	2.85	23.12	0.205	100.000	Pass
	HCH	QPSK	RB1#Low	22	5	2.85	24.85	0.305	100.000	Pass
			RB1#Mid	**22.19**	5	2.85	25.04	0.319	100.000	Pass
			RB1#High	22.01	5	2.85	24.86	0.306	100.000	Pass
			RB12#Low	21.2	5	2.85	24.05	0.254	100.000	Pass
			RB12#Mid	21.17	5	2.85	24.02	0.252	100.000	Pass
			RB12#High	21.22	5	2.85	24.07	0.255	100.000	Pass
			RB25#Low	21.21	5	2.85	24.06	0.255	100.000	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 BAND18(815-824MHz)										
		16-QAM	RB1#Low	21.21	5	2.85	24.06	0.255	100.000	Pass
			RB1#Mid	21.3	5	2.85	24.15	0.260	100.000	Pass
			RB1#High	20.66	5	2.85	23.51	0.224	100.000	Pass
			RB12#Low	20.16	5	2.85	23.01	0.200	100.000	Pass
			RB12#Mid	20.11	5	2.85	22.96	0.198	100.000	Pass
			RB12#High	20.07	5	2.85	22.92	0.196	100.000	Pass
			RB25#Low	20.14	5	2.85	22.99	0.199	100.000	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 BAND19										
5 MHz	LCH	QPSK	RB1#Low	21.98	5	2.85	24.83	0.304	7.000	Pass
			RB1#Mid	21.94	5	2.85	24.79	0.301	7.000	Pass
			RB1#High	22.12	5	2.85	24.97	0.314	7.000	Pass
			RB12#Low	21.01	5	2.85	23.86	0.243	7.000	Pass
			RB12#Mid	21.14	5	2.85	23.99	0.251	7.000	Pass
			RB12#High	21.2	5	2.85	24.05	0.254	7.000	Pass
			RB25#Low	21.13	5	2.85	23.98	0.250	7.000	Pass
		16-QAM	RB1#Low	20.89	5	2.85	23.74	0.237	7.000	Pass
			RB1#Mid	21.05	5	2.85	23.90	0.245	7.000	Pass
			RB1#High	20.81	5	2.85	23.66	0.232	7.000	Pass
			RB12#Low	19.91	5	2.85	22.76	0.189	7.000	Pass
			RB12#Mid	19.94	5	2.85	22.79	0.190	7.000	Pass
			RB12#High	19.97	5	2.85	22.82	0.191	7.000	Pass
			RB25#Low	20.27	5	2.85	23.12	0.205	7.000	Pass
	MCH	QPSK	RB1#Low	22.22	5	2.85	25.07	0.321	7.000	Pass
			RB1#Mid	22.25	5	2.85	25.10	0.324	7.000	Pass
			RB1#High	21.92	5	2.85	24.77	0.300	7.000	Pass
			RB12#Low	21.42	5	2.85	24.27	0.267	7.000	Pass
			RB12#Mid	21.41	5	2.85	24.26	0.267	7.000	Pass
			RB12#High	21.34	5	2.85	24.19	0.262	7.000	Pass
			RB25#Low	21.34	5	2.85	24.19	0.262	7.000	Pass
		16-QAM	RB1#Low	21.29	5	2.85	24.14	0.259	7.000	Pass
			RB1#Mid	21.51	5	2.85	24.36	0.273	7.000	Pass
			RB1#High	21.36	5	2.85	24.21	0.264	7.000	Pass
			RB12#Low	20.44	5	2.85	23.29	0.213	7.000	Pass
			RB12#Mid	20.44	5	2.85	23.29	0.213	7.000	Pass
			RB12#High	20.38	5	2.85	23.23	0.210	7.000	Pass
			RB25#Low	20.39	5	2.85	23.24	0.211	7.000	Pass
	HCH	QPSK	RB1#Low	22.22	5	2.85	25.07	0.321	7.000	Pass
			RB1#Mid	22.23	5	2.85	25.08	0.322	7.000	Pass
			RB1#High	21.96	5	2.85	24.81	0.303	7.000	Pass
			RB12#Low	21.41	5	2.85	24.26	0.267	7.000	Pass
			RB12#Mid	21.37	5	2.85	24.22	0.264	7.000	Pass
			RB12#High	21.32	5	2.85	24.17	0.261	7.000	Pass
			RB25#Low	21.37	5	2.85	24.22	0.264	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 BAND19										
		16-QAM	RB1#Low	21.33	5	2.85	24.18	0.262	7.000	Pass
			RB1#Mid	21.5	5	2.85	24.35	0.272	7.000	Pass
			RB1#High	20.76	5	2.85	23.61	0.230	7.000	Pass
			RB12#Low	20.27	5	2.85	23.12	0.205	7.000	Pass
			RB12#Mid	20.34	5	2.85	23.19	0.208	7.000	Pass
			RB12#High	20.3	5	2.85	23.15	0.207	7.000	Pass
			RB25#Low	20.35	5	2.85	23.20	0.209	7.000	Pass
10 MHz	LCH	QPSK	RB1#Low	22.23	5	2.85	25.08	0.322	7.000	Pass
			RB1#Mid	**22.53**	5	2.85	25.38	0.345	7.000	Pass
			RB1#High	22.45	5	2.85	25.30	0.339	7.000	Pass
			RB25#Low	21.19	5	2.85	24.04	0.254	7.000	Pass
			RB25#Mid	21.35	5	2.85	24.20	0.263	7.000	Pass
			RB25#High	21.45	5	2.85	24.30	0.269	7.000	Pass
			RB50#Low	21.33	5	2.85	24.18	0.262	7.000	Pass
		16-QAM	RB1#Low	21.08	5	2.85	23.93	0.247	7.000	Pass
			RB1#Mid	21.45	5	2.85	24.30	0.269	7.000	Pass
			RB1#High	21.38	5	2.85	24.23	0.265	7.000	Pass
			RB25#Low	20.09	5	2.85	22.94	0.197	7.000	Pass
			RB25#Mid	20.27	5	2.85	23.12	0.205	7.000	Pass
			RB25#High	20.25	5	2.85	23.10	0.204	7.000	Pass
			RB50#Low	20.31	5	2.85	23.16	0.207	7.000	Pass
	MCH	QPSK	RB1#Low	21.98	5	2.85	24.83	0.304	7.000	Pass
			RB1#Mid	22.4	5	2.85	25.25	0.335	7.000	Pass
			RB1#High	22.28	5	2.85	25.13	0.326	7.000	Pass
			RB25#Low	21.31	5	2.85	24.16	0.261	7.000	Pass
			RB25#Mid	21.43	5	2.85	24.28	0.268	7.000	Pass
			RB25#High	21.41	5	2.85	24.26	0.267	7.000	Pass
			RB50#Low	21.42	5	2.85	24.27	0.267	7.000	Pass
		16-QAM	RB1#Low	20.86	5	2.85	23.71	0.235	7.000	Pass
			RB1#Mid	21.16	5	2.85	24.01	0.252	7.000	Pass
			RB1#High	21.1	5	2.85	23.95	0.248	7.000	Pass
			RB25#Low	20.36	5	2.85	23.21	0.209	7.000	Pass
			RB25#Mid	20.37	5	2.85	23.22	0.210	7.000	Pass
			RB25#High	20.33	5	2.85	23.18	0.208	7.000	Pass
			RB50#Low	20.34	5	2.85	23.19	0.208	7.000	Pass
	HCH	QPSK	RB1#Low	22.29	5	2.85	25.14	0.327	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 BAND19										
			RB1#Mid	22.39	5	2.85	25.24	0.334	7.000	Pass
			RB1#High	22.27	5	2.85	25.12	0.325	7.000	Pass
			RB25#Low	21.45	5	2.85	24.30	0.269	7.000	Pass
			RB25#Mid	21.41	5	2.85	24.26	0.267	7.000	Pass
			RB25#High	21.39	5	2.85	24.24	0.265	7.000	Pass
			RB50#Low	21.37	5	2.85	24.22	0.264	7.000	Pass
		16-QAM	RB1#Low	21.36	5	2.85	24.21	0.264	7.000	Pass
			RB1#Mid	21.41	5	2.85	24.26	0.267	7.000	Pass
			RB1#High	21.31	5	2.85	24.16	0.261	7.000	Pass
			RB25#Low	20.3	5	2.85	23.15	0.207	7.000	Pass
			RB25#Mid	20.33	5	2.85	23.18	0.208	7.000	Pass
			RB25#High	20.38	5	2.85	23.23	0.210	7.000	Pass
			RB50#Low	20.31	5	2.85	23.16	0.207	7.000	Pass
15 MHz	MCH	QPSK	RB1#Low	21.94	5	2.85	24.79	0.301	7.000	Pass
			RB1#Mid	22.23	5	2.85	25.08	0.322	7.000	Pass
			RB1#High	22.19	5	2.85	25.04	0.319	7.000	Pass
			RB36#Low	21.23	5	2.85	24.08	0.256	7.000	Pass
			RB36#Mid	21.42	5	2.85	24.27	0.267	7.000	Pass
			RB36#High	21.39	5	2.85	24.24	0.265	7.000	Pass
			RB75#Low	21.31	5	2.85	24.16	0.261	7.000	Pass
		16-QAM	RB1#Low	21.01	5	2.85	23.86	0.243	7.000	Pass
			RB1#Mid	21.19	5	2.85	24.04	0.254	7.000	Pass
			RB1#High	21.14	5	2.85	23.99	0.251	7.000	Pass
			RB36#Low	20.24	5	2.85	23.09	0.204	7.000	Pass
			RB36#Mid	20.38	5	2.85	23.23	0.210	7.000	Pass
			RB36#High	20.29	5	2.85	23.14	0.206	7.000	Pass
			RB75#Low	20.16	5	2.85	23.01	0.200	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 BAND25									
1.4 MHz	LCH	QPSK	RB1#Low	22.59	5	27.59	0.574	2.000	Pass
			RB1#Mid	22.45	5	27.45	0.556	2.000	Pass
			RB1#High	22.35	5	27.35	0.543	2.000	Pass
			RB3#Low	22.47	5	27.47	0.558	2.000	Pass
			RB3#Mid	22.39	5	27.39	0.548	2.000	Pass
			RB3#High	22.38	5	27.38	0.547	2.000	Pass
			RB6#Low	21.42	5	26.42	0.439	2.000	Pass
		16-QAM	RB1#Low	21.6	5	26.60	0.457	2.000	Pass
			RB1#Mid	21.61	5	26.61	0.458	2.000	Pass
			RB1#High	21.21	5	26.21	0.418	2.000	Pass
			RB3#Low	21.58	5	26.58	0.455	2.000	Pass
			RB3#Mid	21.41	5	26.41	0.438	2.000	Pass
			RB3#High	21.41	5	26.41	0.438	2.000	Pass
			RB6#Low	20.45	5	25.45	0.351	2.000	Pass
	MCH	QPSK	RB1#Low	22.57	5	27.57	0.571	2.000	Pass
			RB1#Mid	22.51	5	27.51	0.564	2.000	Pass
			RB1#High	22.48	5	27.48	0.560	2.000	Pass
			RB3#Low	22.51	5	27.51	0.564	2.000	Pass
			RB3#Mid	**22.75**	5	27.75	0.596	2.000	Pass
			RB3#High	22.68	5	27.68	0.586	2.000	Pass
			RB6#Low	21.67	5	26.67	0.465	2.000	Pass
		16-QAM	RB1#Low	21.73	5	26.73	0.471	2.000	Pass
			RB1#Mid	21.64	5	26.64	0.461	2.000	Pass
			RB1#High	21.71	5	26.71	0.469	2.000	Pass
			RB3#Low	21.2	5	26.20	0.417	2.000	Pass
			RB3#Mid	21.15	5	26.15	0.412	2.000	Pass
			RB3#High	21.13	5	26.13	0.410	2.000	Pass
			RB6#Low	20.44	5	25.44	0.350	2.000	Pass
	HCH	QPSK	RB1#Low	22.24	5	27.24	0.530	2.000	Pass
			RB1#Mid	22.37	5	27.37	0.546	2.000	Pass
			RB1#High	22.35	5	27.35	0.543	2.000	Pass
			RB3#Low	22.11	5	27.11	0.514	2.000	Pass
			RB3#Mid	22.02	5	27.02	0.504	2.000	Pass
			RB3#High	21.85	5	26.85	0.484	2.000	Pass
			RB6#Low	20.83	5	25.83	0.383	2.000	Pass
		16-QAM	RB1#Low	20.98	5	25.98	0.396	2.000	Pass
			RB1#Mid	21.25	5	26.25	0.422	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 BAND25									
			RB1#High	21.08	5	26.08	0.406	2.000	Pass
			RB3#Low	21.44	5	26.44	0.441	2.000	Pass
			RB3#Mid	21.39	5	26.39	0.436	2.000	Pass
			RB3#High	21.37	5	26.37	0.434	2.000	Pass
			RB6#Low	20.24	5	25.24	0.334	2.000	Pass
3 MHz	LCH	QPSK	RB1#Low	22.67	5	27.67	0.585	2.000	Pass
			RB1#Mid	22.29	5	27.29	0.536	2.000	Pass
			RB1#High	22.42	5	27.42	0.552	2.000	Pass
			RB8#Low	21.44	5	26.44	0.441	2.000	Pass
			RB8#Mid	21.4	5	26.40	0.437	2.000	Pass
			RB8#High	21.38	5	26.38	0.435	2.000	Pass
			RB15#Low	21.37	5	26.37	0.434	2.000	Pass
		16-QAM	RB1#Low	21.53	5	26.53	0.450	2.000	Pass
			RB1#Mid	21.32	5	26.32	0.429	2.000	Pass
			RB1#High	21.23	5	26.23	0.420	2.000	Pass
			RB8#Low	20.43	5	25.43	0.349	2.000	Pass
			RB8#Mid	20.13	5	25.13	0.326	2.000	Pass
			RB8#High	20.3	5	25.30	0.339	2.000	Pass
			RB15#Low	20.41	5	25.41	0.348	2.000	Pass
	MCH	QPSK	RB1#Low	22.62	5	27.62	0.578	2.000	Pass
			RB1#Mid	22.51	5	27.51	0.564	2.000	Pass
			RB1#High	22.39	5	27.39	0.548	2.000	Pass
			RB8#Low	21.65	5	26.65	0.462	2.000	Pass
			RB8#Mid	21.64	5	26.64	0.461	2.000	Pass
			RB8#High	21.62	5	26.62	0.459	2.000	Pass
			RB15#Low	21.67	5	26.67	0.465	2.000	Pass
		16-QAM	RB1#Low	21.87	5	26.87	0.486	2.000	Pass
			RB1#Mid	21.81	5	26.81	0.480	2.000	Pass
			RB1#High	21.86	5	26.86	0.485	2.000	Pass
			RB8#Low	20.81	5	25.81	0.381	2.000	Pass
			RB8#Mid	20.8	5	25.80	0.380	2.000	Pass
			RB8#High	20.85	5	25.85	0.385	2.000	Pass
			RB15#Low	20.81	5	25.81	0.381	2.000	Pass
	HCH	QPSK	RB1#Low	22.17	5	27.17	0.521	2.000	Pass
			RB1#Mid	22.06	5	27.06	0.508	2.000	Pass
			RB1#High	22.14	5	27.14	0.518	2.000	Pass
			RB8#Low	20.93	5	25.93	0.392	2.000	Pass
			RB8#Mid	20.98	5	25.98	0.396	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 BAND25									
			RB8#High	20.95	5	25.95	0.394	2.000	Pass
			RB15#Low	21.04	5	26.04	0.402	2.000	Pass
		16-QAM	RB1#Low	21.17	5	26.17	0.414	2.000	Pass
			RB1#Mid	21.14	5	26.14	0.411	2.000	Pass
			RB1#High	21.07	5	26.07	0.405	2.000	Pass
			RB8#Low	19.88	5	24.88	0.308	2.000	Pass
			RB8#Mid	19.82	5	24.82	0.303	2.000	Pass
			RB8#High	19.8	5	24.80	0.302	2.000	Pass
			RB15#Low	19.71	5	24.71	0.296	2.000	Pass
5 MHz	LCH	QPSK	RB1#Low	22.11	5	27.11	0.514	2.000	Pass
			RB1#Mid	21.96	5	26.96	0.497	2.000	Pass
			RB1#High	22.26	5	27.26	0.532	2.000	Pass
			RB12#Low	21.39	5	26.39	0.436	2.000	Pass
			RB12#Mid	21.28	5	26.28	0.425	2.000	Pass
			RB12#High	21.19	5	26.19	0.416	2.000	Pass
			RB25#Low	21.29	5	26.29	0.426	2.000	Pass
		16-QAM	RB1#Low	20.75	5	25.75	0.376	2.000	Pass
			RB1#Mid	20.71	5	25.71	0.372	2.000	Pass
			RB1#High	20.33	5	25.33	0.341	2.000	Pass
			RB12#Low	20.35	5	25.35	0.343	2.000	Pass
			RB12#Mid	20.31	5	25.31	0.340	2.000	Pass
			RB12#High	20.16	5	25.16	0.328	2.000	Pass
			RB25#Low	20.42	5	25.42	0.348	2.000	Pass
	MCH	QPSK	RB1#Low	22.31	5	27.31	0.538	2.000	Pass
			RB1#Mid	22.25	5	27.25	0.531	2.000	Pass
			RB1#High	22.21	5	27.21	0.526	2.000	Pass
			RB12#Low	21.51	5	26.51	0.448	2.000	Pass
			RB12#Mid	21.59	5	26.59	0.456	2.000	Pass
			RB12#High	21.57	5	26.57	0.454	2.000	Pass
			RB25#Low	21.6	5	26.60	0.457	2.000	Pass
		16-QAM	RB1#Low	21.46	5	26.46	0.443	2.000	Pass
			RB1#Mid	21.55	5	26.55	0.452	2.000	Pass
			RB1#High	21.07	5	26.07	0.405	2.000	Pass
			RB12#Low	20.38	5	25.38	0.345	2.000	Pass
			RB12#Mid	20.34	5	25.34	0.342	2.000	Pass
			RB12#High	20.4	5	25.40	0.347	2.000	Pass
			RB25#Low	20.56	5	25.56	0.360	2.000	Pass
	HCH	QPSK	RB1#Low	21.82	5	26.82	0.481	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 BAND25									
			RB1#Mid	22.06	5	27.06	0.508	2.000	Pass
			RB1#High	22.02	5	27.02	0.504	2.000	Pass
			RB12#Low	21.03	5	26.03	0.401	2.000	Pass
			RB12#Mid	20.95	5	25.95	0.394	2.000	Pass
			RB12#High	20.97	5	25.97	0.395	2.000	Pass
			RB25#Low	21.01	5	26.01	0.399	2.000	Pass
		16-QAM	RB1#Low	20.84	5	25.84	0.384	2.000	Pass
			RB1#Mid	20.85	5	25.85	0.385	2.000	Pass
			RB1#High	20.95	5	25.95	0.394	2.000	Pass
			RB12#Low	20.05	5	25.05	0.320	2.000	Pass
			RB12#Mid	19.92	5	24.92	0.310	2.000	Pass
			RB12#High	19.96	5	24.96	0.313	2.000	Pass
			RB25#Low	20.11	5	25.11	0.324	2.000	Pass
10 MHz	LCH	QPSK	RB1#Low	22.44	5	27.44	0.555	2.000	Pass
			RB1#Mid	22.54	5	27.54	0.568	2.000	Pass
			RB1#High	22.27	5	27.27	0.533	2.000	Pass
			RB25#Low	21.32	5	26.32	0.429	2.000	Pass
			RB25#Mid	21.38	5	26.38	0.435	2.000	Pass
			RB25#High	21.42	5	26.42	0.439	2.000	Pass
			RB50#Low	21.34	5	26.34	0.431	2.000	Pass
		16-QAM	RB1#Low	21.34	5	26.34	0.431	2.000	Pass
			RB1#Mid	21.69	5	26.69	0.467	2.000	Pass
			RB1#High	21.33	5	26.33	0.430	2.000	Pass
			RB25#Low	20.52	5	25.52	0.356	2.000	Pass
			RB25#Mid	20.45	5	25.45	0.351	2.000	Pass
			RB25#High	20.23	5	25.23	0.333	2.000	Pass
			RB50#Low	20.4	5	25.40	0.347	2.000	Pass
	MCH	QPSK	RB1#Low	22.42	5	27.42	0.552	2.000	Pass
			RB1#Mid	22.75	5	27.75	0.596	2.000	Pass
			RB1#High	22.64	5	27.64	0.581	2.000	Pass
			RB25#Low	21.61	5	26.61	0.458	2.000	Pass
			RB25#Mid	21.62	5	26.62	0.459	2.000	Pass
			RB25#High	21.68	5	26.68	0.466	2.000	Pass
			RB50#Low	21.58	5	26.58	0.455	2.000	Pass
		16-QAM	RB1#Low	21.71	5	26.71	0.469	2.000	Pass
			RB1#Mid	21.64	5	26.64	0.461	2.000	Pass
			RB1#High	21.09	5	26.09	0.406	2.000	Pass
			RB25#Low	20.8	5	25.80	0.380	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 BAND25									
			RB25#Mid	20.84	5	25.84	0.384	2.000	Pass
			RB25#High	20.68	5	25.68	0.370	2.000	Pass
			RB50#Low	20.7	5	25.70	0.372	2.000	Pass
	HCH	QPSK	RB1#Low	22.3	5	27.30	0.537	2.000	Pass
			RB1#Mid	22.27	5	27.27	0.533	2.000	Pass
			RB1#High	21.86	5	26.86	0.485	2.000	Pass
			RB25#Low	21.18	5	26.18	0.415	2.000	Pass
			RB25#Mid	21.08	5	26.08	0.406	2.000	Pass
			RB25#High	21.01	5	26.01	0.399	2.000	Pass
			RB50#Low	21.13	5	26.13	0.410	2.000	Pass
		16-QAM	RB1#Low	21.41	5	26.41	0.438	2.000	Pass
			RB1#Mid	21.09	5	26.09	0.406	2.000	Pass
			RB1#High	21.2	5	26.20	0.417	2.000	Pass
			RB25#Low	20.33	5	25.33	0.341	2.000	Pass
			RB25#Mid	20.16	5	25.16	0.328	2.000	Pass
			RB25#High	20.22	5	25.22	0.333	2.000	Pass
			RB50#Low	20.02	5	25.02	0.318	2.000	Pass
15 MHz	LCH	QPSK	RB1#Low	22.49	5	27.49	0.561	2.000	Pass
			RB1#Mid	22.24	5	27.24	0.530	2.000	Pass
			RB1#High	22.69	5	27.69	0.587	2.000	Pass
			RB36#Low	21.44	5	26.44	0.441	2.000	Pass
			RB36#Mid	21.35	5	26.35	0.432	2.000	Pass
			RB36#High	21.36	5	26.36	0.433	2.000	Pass
			RB75#Low	21.26	5	26.26	0.423	2.000	Pass
		16-QAM	RB1#Low	21.54	5	26.54	0.451	2.000	Pass
			RB1#Mid	21.22	5	26.22	0.419	2.000	Pass
			RB1#High	20.99	5	25.99	0.397	2.000	Pass
			RB36#Low	20.47	5	25.47	0.352	2.000	Pass
			RB36#Mid	20.26	5	25.26	0.336	2.000	Pass
			RB36#High	20.23	5	25.23	0.333	2.000	Pass
			RB75#Low	20.39	5	25.39	0.346	2.000	Pass
	MCH	QPSK	RB1#Low	22.27	5	27.27	0.533	2.000	Pass
			RB1#Mid	22.72	5	27.72	0.592	2.000	Pass
			RB1#High	22.59	5	27.59	0.574	2.000	Pass
			RB36#Low	21.58	5	26.58	0.455	2.000	Pass
			RB36#Mid	21.64	5	26.64	0.461	2.000	Pass
			RB36#High	21.61	5	26.61	0.458	2.000	Pass
			RB75#Low	21.6	5	26.60	0.457	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 BAND25									
			RB1#Low	21.79	5	26.79	0.478	2.000	Pass
			RB1#Mid	21.86	5	26.86	0.485	2.000	Pass
			RB1#High	21.41	5	26.41	0.438	2.000	Pass
		16-QAM	RB36#Low	20.64	5	25.64	0.366	2.000	Pass
			RB36#Mid	20.57	5	25.57	0.361	2.000	Pass
			RB36#High	20.44	5	25.44	0.350	2.000	Pass
			RB75#Low	20.63	5	25.63	0.366	2.000	Pass
	HCH		RB1#Low	22.31	5	27.31	0.538	2.000	Pass
			RB1#Mid	22.07	5	27.07	0.509	2.000	Pass
			RB1#High	21.69	5	26.69	0.467	2.000	Pass
		QPSK	RB36#Low	21.29	5	26.29	0.426	2.000	Pass
			RB36#Mid	21.07	5	26.07	0.405	2.000	Pass
			RB36#High	21.02	5	26.02	0.400	2.000	Pass
			RB75#Low	21.22	5	26.22	0.419	2.000	Pass
			RB1#Low	21.84	5	26.84	0.483	2.000	Pass
			RB1#Mid	21.88	5	26.88	0.488	2.000	Pass
			RB1#High	21.55	5	26.55	0.452	2.000	Pass
		16-QAM	RB36#Low	20.28	5	25.28	0.337	2.000	Pass
			RB36#Mid	20.2	5	25.20	0.331	2.000	Pass
			RB36#High	19.81	5	24.81	0.303	2.000	Pass
			RB75#Low	20.01	5	25.01	0.317	2.000	Pass
20 MHz	LCH		RB1#Low	22.56	5	27.56	0.570	2.000	Pass
			RB1#Mid	22.05	5	27.05	0.507	2.000	Pass
			RB1#High	22.16	5	27.16	0.520	2.000	Pass
		QPSK	RB50#Low	21.4	5	26.40	0.437	2.000	Pass
			RB50#Mid	21.42	5	26.42	0.439	2.000	Pass
			RB50#High	21.6	5	26.60	0.457	2.000	Pass
			RB100#Low	21.54	5	26.54	0.451	2.000	Pass
			RB1#Low	21.45	5	26.45	0.442	2.000	Pass
			RB1#Mid	21.25	5	26.25	0.422	2.000	Pass
			RB1#High	21.47	5	26.47	0.444	2.000	Pass
		16-QAM	RB50#Low	20.55	5	25.55	0.359	2.000	Pass
			RB50#Mid	20.19	5	25.19	0.330	2.000	Pass
			RB50#High	20.53	5	25.53	0.357	2.000	Pass
			RB100#Low	20.32	5	25.32	0.340	2.000	Pass
	MCH		RB1#Low	22.64	5	27.64	0.581	2.000	Pass
		QPSK	RB1#Mid	22.74	5	27.74	0.594	2.000	Pass
			RB1#High	22.74	5	27.74	0.594	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 BAND25									
			RB50#Low	21.63	5	26.63	0.460	2.000	Pass
			RB50#Mid	21.59	5	26.59	0.456	2.000	Pass
			RB50#High	21.6	5	26.60	0.457	2.000	Pass
			RB100#Low	21.57	5	26.57	0.454	2.000	Pass
		16-QAM	RB1#Low	21.38	5	26.38	0.435	2.000	Pass
			RB1#Mid	21.45	5	26.45	0.442	2.000	Pass
			RB1#High	21.29	5	26.29	0.426	2.000	Pass
			RB50#Low	20.76	5	25.76	0.377	2.000	Pass
			RB50#Mid	20.69	5	25.69	0.371	2.000	Pass
			RB50#High	20.41	5	25.41	0.348	2.000	Pass
			RB100#Low	20.58	5	25.58	0.361	2.000	Pass
	HCH	QPSK	RB1#Low	22.42	5	27.42	0.552	2.000	Pass
			RB1#Mid	22.5	5	27.50	0.562	2.000	Pass
			RB1#High	22.3	5	27.30	0.537	2.000	Pass
			RB50#Low	21.27	5	26.27	0.424	2.000	Pass
			RB50#Mid	21.19	5	26.19	0.416	2.000	Pass
			RB50#High	21.11	5	26.11	0.408	2.000	Pass
			RB100#Low	21.23	5	26.23	0.420	2.000	Pass
		16-QAM	RB1#Low	21.62	5	26.62	0.459	2.000	Pass
			RB1#Mid	21.21	5	26.21	0.418	2.000	Pass
			RB1#High	20.97	5	25.97	0.395	2.000	Pass
			RB50#Low	20.26	5	25.26	0.336	2.000	Pass
			RB50#Mid	20.16	5	25.16	0.328	2.000	Pass
			RB50#High	19.98	5	24.98	0.315	2.000	Pass
			RB100#Low	20.11	5	25.11	0.324	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 26 Part 22										
1.4 MHz	LCH	QPSK	RB1#0	21.9	5	2.85	24.75	0.299	7.000	Pass
			RB1#3	21.88	5	2.85	24.73	0.297	7.000	Pass
			RB1#5	21.82	5	2.85	24.67	0.293	7.000	Pass
			RB3#0	22.03	5	2.85	24.88	0.308	7.000	Pass
			RB3#2	21.88	5	2.85	24.73	0.297	7.000	Pass
			RB3#3	21.93	5	2.85	24.78	0.301	7.000	Pass
			RB6#0	20.97	5	2.85	23.82	0.241	7.000	Pass
		16-QcAM	RB1#0	20.77	5	2.85	23.62	0.230	7.000	Pass
			RB1#3	20.75	5	2.85	23.60	0.229	7.000	Pass
			RB1#5	20.77	5	2.85	23.62	0.230	7.000	Pass
			RB3#0	20.67	5	2.85	23.52	0.225	7.000	Pass
			RB3#2	20.78	5	2.85	23.63	0.231	7.000	Pass
			RB3#3	20.72	5	2.85	23.57	0.228	7.000	Pass
			RB6#0	19.67	5	2.85	22.52	0.179	7.000	Pass
	MCH	QPSK	RB1#0	22.23	5	2.85	25.08	0.322	7.000	Pass
			RB1#3	22.3	5	2.85	25.15	0.327	7.000	Pass
			RB1#5	22.18	5	2.85	25.03	0.318	7.000	Pass
			RB3#0	22.22	5	2.85	25.07	0.321	7.000	Pass
			RB3#2	22.35	5	2.85	25.20	0.331	7.000	Pass
			RB3#3	22.31	5	2.85	25.16	0.328	7.000	Pass
			RB6#0	21.24	5	2.85	24.09	0.256	7.000	Pass
		16-QAM	RB1#0	21.46	5	2.85	24.31	0.270	7.000	Pass
			RB1#3	21.43	5	2.85	24.28	0.268	7.000	Pass
			RB1#5	21.41	5	2.85	24.26	0.267	7.000	Pass
			RB3#0	20.95	5	2.85	23.80	0.240	7.000	Pass
			RB3#2	20.99	5	2.85	23.84	0.242	7.000	Pass
			RB3#3	21.1	5	2.85	23.95	0.248	7.000	Pass
			RB6#0	19.98	5	2.85	22.83	0.192	7.000	Pass
	HCH	QPSK	RB1#0	22.45	5	2.85	25.30	0.339	7.000	Pass
			RB1#3	22.75	5	2.85	25.60	0.363	7.000	Pass
			RB1#5	22.73	5	2.85	25.58	0.361	7.000	Pass
			RB3#0	22.54	5	2.85	25.39	0.346	7.000	Pass
			RB3#2	22.56	5	2.85	25.41	0.348	7.000	Pass
			RB3#3	22.45	5	2.85	25.30	0.339	7.000	Pass
			RB6#0	21.41	5	2.85	24.26	0.267	7.000	Pass
		16-QAM	RB1#0	21.51	5	2.85	24.36	0.273	7.000	Pass
			RB1#3	21.51	5	2.85	24.36	0.273	7.000	Pass
			RB1#5	21.43	5	2.85	24.28	0.268	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 26 Part 22										
			RB3#0	21.42	5	2.85	24.27	0.267	7.000	Pass
			RB3#2	21.47	5	2.85	24.32	0.270	7.000	Pass
			RB3#3	21.44	5	2.85	24.29	0.269	7.000	Pass
			RB6#0	20.43	5	2.85	23.28	0.213	7.000	Pass
3 MHz	LCH	QPSK	RB1#0	22.08	5	2.85	24.93	0.311	7.000	Pass
			RB1#7	21.97	5	2.85	24.82	0.303	7.000	Pass
			RB1#14	21.98	5	2.85	24.83	0.304	7.000	Pass
			RB8#0	20.98	5	2.85	23.83	0.242	7.000	Pass
			RB8#4	21.04	5	2.85	23.89	0.245	7.000	Pass
			RB8#7	21.05	5	2.85	23.90	0.245	7.000	Pass
			RB15#0	21.05	5	2.85	23.90	0.245	7.000	Pass
		16-QAM	RB1#0	20.77	5	2.85	23.62	0.230	7.000	Pass
			RB1#7	21.03	5	2.85	23.88	0.244	7.000	Pass
			RB1#14	21.02	5	2.85	23.87	0.244	7.000	Pass
			RB8#0	20.43	5	2.85	23.28	0.213	7.000	Pass
			RB8#4	20.45	5	2.85	23.30	0.214	7.000	Pass
			RB8#7	20.46	5	2.85	23.31	0.214	7.000	Pass
			RB15#0	20	5	2.85	22.85	0.193	7.000	Pass
	MCH	QPSK	RB1#0	22.26	5	2.85	25.11	0.324	7.000	Pass
			RB1#7	22.31	5	2.85	25.16	0.328	7.000	Pass
			RB1#14	22.17	5	2.85	25.02	0.318	7.000	Pass
			RB8#0	21.23	5	2.85	24.08	0.256	7.000	Pass
			RB8#4	21.36	5	2.85	24.21	0.264	7.000	Pass
			RB8#7	21.35	5	2.85	24.20	0.263	7.000	Pass
			RB15#0	21.27	5	2.85	24.12	0.258	7.000	Pass
		16-QAM	RB1#0	21.21	5	2.85	24.06	0.255	7.000	Pass
			RB1#7	21.21	5	2.85	24.06	0.255	7.000	Pass
			RB1#14	21.25	5	2.85	24.10	0.257	7.000	Pass
			RB8#0	20.22	5	2.85	23.07	0.203	7.000	Pass
			RB8#4	20.35	5	2.85	23.20	0.209	7.000	Pass
			RB8#7	20.23	5	2.85	23.08	0.203	7.000	Pass
			RB15#0	20.28	5	2.85	23.13	0.206	7.000	Pass
	HCH	QPSK	RB1#0	22.55	5	2.85	25.40	0.347	7.000	Pass
			RB1#7	**22.92**	5	2.85	25.77	0.378	7.000	Pass
			RB1#14	22.43	5	2.85	25.28	0.337	7.000	Pass
			RB8#0	21.44	5	2.85	24.29	0.269	7.000	Pass
			RB8#4	21.45	5	2.85	24.30	0.269	7.000	Pass
			RB8#7	21.43	5	2.85	24.28	0.268	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 26 Part 22										
			RB15#0	21.55	5	2.85	24.40	0.275	7.000	Pass
		16-QAM	RB1#0	21.6	5	2.85	24.45	0.279	7.000	Pass
			RB1#7	21.51	5	2.85	24.36	0.273	7.000	Pass
			RB1#14	21.29	5	2.85	24.14	0.259	7.000	Pass
			RB8#0	20.61	5	2.85	23.46	0.222	7.000	Pass
			RB8#4	20.43	5	2.85	23.28	0.213	7.000	Pass
			RB8#7	20.31	5	2.85	23.16	0.207	7.000	Pass
			RB15#0	20.28	5	2.85	23.13	0.206	7.000	Pass
5 MHz	LCH	QPSK	RB1#0	21.91	5	2.85	24.76	0.299	7.000	Pass
			RB1#13	21.94	5	2.85	24.79	0.301	7.000	Pass
			RB1#24	22.13	5	2.85	24.98	0.315	7.000	Pass
			RB12#0	20.9	5	2.85	23.75	0.237	7.000	Pass
			RB12#6	21.08	5	2.85	23.93	0.247	7.000	Pass
			RB12#13	21.14	5	2.85	23.99	0.251	7.000	Pass
			RB25#0	21.02	5	2.85	23.87	0.244	7.000	Pass
		16-QAM	RB1#0	20.99	5	2.85	23.84	0.242	7.000	Pass
			RB1#13	20.97	5	2.85	23.82	0.241	7.000	Pass
			RB1#24	20.72	5	2.85	23.57	0.228	7.000	Pass
			RB12#0	19.79	5	2.85	22.64	0.184	7.000	Pass
			RB12#6	20.27	5	2.85	23.12	0.205	7.000	Pass
			RB12#13	20.32	5	2.85	23.17	0.207	7.000	Pass
			RB25#0	20.32	5	2.85	23.17	0.207	7.000	Pass
	MCH	QPSK	RB1#0	21.91	5	2.85	24.76	0.299	7.000	Pass
			RB1#13	22.3	5	2.85	25.15	0.327	7.000	Pass
			RB1#24	21.9	5	2.85	24.75	0.299	7.000	Pass
			RB12#0	21.15	5	2.85	24.00	0.251	7.000	Pass
			RB12#6	21.31	5	2.85	24.16	0.261	7.000	Pass
			RB12#13	21.25	5	2.85	24.10	0.257	7.000	Pass
			RB25#0	21.35	5	2.85	24.20	0.263	7.000	Pass
		16-QAM	RB1#0	21.49	5	2.85	24.34	0.272	7.000	Pass
			RB1#13	21.39	5	2.85	24.24	0.265	7.000	Pass
			RB1#24	20.72	5	2.85	23.57	0.228	7.000	Pass
			RB12#0	20.09	5	2.85	22.94	0.197	7.000	Pass
			RB12#6	20.28	5	2.85	23.13	0.206	7.000	Pass
			RB12#13	20.1	5	2.85	22.95	0.197	7.000	Pass
			RB25#0	20.31	5	2.85	23.16	0.207	7.000	Pass
	HCH	QPSK	RB1#0	22.17	5	2.85	25.02	0.318	7.000	Pass
			RB1#13	22.47	5	2.85	25.32	0.340	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 26 Part 22										
			RB1#24	22.38	5	2.85	25.23	0.333	7.000	Pass
			RB12#0	21.47	5	2.85	24.32	0.270	7.000	Pass
			RB12#6	21.47	5	2.85	24.32	0.270	7.000	Pass
			RB12#13	21.42	5	2.85	24.27	0.267	7.000	Pass
			RB25#0	21.47	5	2.85	24.32	0.270	7.000	Pass
		16-QAM	RB1#0	21.41	5	2.85	24.26	0.267	7.000	Pass
			RB1#13	21.51	5	2.85	24.36	0.273	7.000	Pass
			RB1#24	21.09	5	2.85	23.94	0.248	7.000	Pass
			RB12#0	20.24	5	2.85	23.09	0.204	7.000	Pass
			RB12#6	20.62	5	2.85	23.47	0.222	7.000	Pass
			RB12#13	20.5	5	2.85	23.35	0.216	7.000	Pass
			RB25#0	20.27	5	2.85	23.12	0.205	7.000	Pass
10 MHz	LCH	QPSK	RB1#0	22.09	5	2.85	24.94	0.312	7.000	Pass
			RB1#25	22.36	5	2.85	25.21	0.332	7.000	Pass
			RB1#49	22.14	5	2.85	24.99	0.316	7.000	Pass
			RB25#0	21.19	5	2.85	24.04	0.254	7.000	Pass
			RB25#13	21.19	5	2.85	24.04	0.254	7.000	Pass
			RB25#25	21.15	5	2.85	24.00	0.251	7.000	Pass
			RB50#0	21.19	5	2.85	24.04	0.254	7.000	Pass
		16-QAM	RB1#0	21	5	2.85	23.85	0.243	7.000	Pass
			RB1#25	21.47	5	2.85	24.32	0.270	7.000	Pass
			RB1#49	21.18	5	2.85	24.03	0.253	7.000	Pass
			RB25#0	20.34	5	2.85	23.19	0.208	7.000	Pass
			RB25#13	20.32	5	2.85	23.17	0.207	7.000	Pass
			RB25#25	20.28	5	2.85	23.13	0.206	7.000	Pass
			RB50#0	20.18	5	2.85	23.03	0.201	7.000	Pass
	MCH	QPSK	RB1#0	22.17	5	2.85	25.02	0.318	7.000	Pass
			RB1#25	22.66	5	2.85	25.51	0.356	7.000	Pass
			RB1#49	22.21	5	2.85	25.06	0.321	7.000	Pass
			RB25#0	21.2	5	2.85	24.05	0.254	7.000	Pass
			RB25#13	21.29	5	2.85	24.14	0.259	7.000	Pass
			RB25#25	21.28	5	2.85	24.13	0.259	7.000	Pass
			RB50#0	21.29	5	2.85	24.14	0.259	7.000	Pass
		16-QAM	RB1#0	21.23	5	2.85	24.08	0.256	7.000	Pass
			RB1#25	21.45	5	2.85	24.30	0.269	7.000	Pass
			RB1#49	20.88	5	2.85	23.73	0.236	7.000	Pass
			RB25#0	20.22	5	2.85	23.07	0.203	7.000	Pass
			RB25#13	20.42	5	2.85	23.27	0.212	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 26 Part 22										
			RB25#25	20.33	5	2.85	23.18	0.208	7.000	Pass
			RB50#0	20.1	5	2.85	22.95	0.197	7.000	Pass
	HCH	QPSK	RB1#0	22.36	5	2.85	25.21	0.332	7.000	Pass
			RB1#25	22.71	5	2.85	25.56	0.360	7.000	Pass
			RB1#49	22.6	5	2.85	25.45	0.351	7.000	Pass
			RB25#0	21.31	5	2.85	24.16	0.261	7.000	Pass
			RB25#13	21.5	5	2.85	24.35	0.272	7.000	Pass
			RB25#25	21.5	5	2.85	24.35	0.272	7.000	Pass
			RB50#0	21.42	5	2.85	24.27	0.267	7.000	Pass
		16-QAM	RB1#0	21.39	5	2.85	24.24	0.265	7.000	Pass
			RB1#25	21.49	5	2.85	24.34	0.272	7.000	Pass
			RB1#49	21.53	5	2.85	24.38	0.274	7.000	Pass
			RB25#0	20.39	5	2.85	23.24	0.211	7.000	Pass
			RB25#13	20.69	5	2.85	23.54	0.226	7.000	Pass
			RB25#25	20.59	5	2.85	23.44	0.221	7.000	Pass
			RB50#0	20.35	5	2.85	23.20	0.209	7.000	Pass
15 MHz	LCH	QPSK	RB1#0	21.93	5	2.85	24.78	0.301	7.000	Pass
			RB1#38	22.13	5	2.85	24.98	0.315	7.000	Pass
			RB1#74	22.11	5	2.85	24.96	0.313	7.000	Pass
			RB36#0	21.15	5	2.85	24.00	0.251	7.000	Pass
			RB36#19	21.19	5	2.85	24.04	0.254	7.000	Pass
			RB36#39	21.2	5	2.85	24.05	0.254	7.000	Pass
			RB75#0	21.12	5	2.85	23.97	0.249	7.000	Pass
		16-QAM	RB1#0	20.91	5	2.85	23.76	0.238	7.000	Pass
			RB1#38	21.65	5	2.85	24.50	0.282	7.000	Pass
			RB1#74	21.15	5	2.85	24.00	0.251	7.000	Pass
			RB36#0	20.1	5	2.85	22.95	0.197	7.000	Pass
			RB36#19	20.14	5	2.85	22.99	0.199	7.000	Pass
			RB36#39	20.1	5	2.85	22.95	0.197	7.000	Pass
			RB75#0	20.04	5	2.85	22.89	0.195	7.000	Pass
	MCH	QPSK	RB1#0	22.09	5	2.85	24.94	0.312	7.000	Pass
			RB1#38	22.36	5	2.85	25.21	0.332	7.000	Pass
			RB1#74	22.28	5	2.85	25.13	0.326	7.000	Pass
			RB36#0	21.13	5	2.85	23.98	0.250	7.000	Pass
			RB36#19	21.32	5	2.85	24.17	0.261	7.000	Pass
			RB36#39	21.36	5	2.85	24.21	0.264	7.000	Pass
			RB75#0	21.22	5	2.85	24.07	0.255	7.000	Pass
		16-QAM	RB1#0	21.25	5	2.85	24.10	0.257	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 26 Part 22										
			RB1#38	21.33	5	2.85	24.18	0.262	7.000	Pass
			RB1#74	20.91	5	2.85	23.76	0.238	7.000	Pass
			RB36#0	20.21	5	2.85	23.06	0.202	7.000	Pass
			RB36#19	20.27	5	2.85	23.12	0.205	7.000	Pass
			RB36#39	20.17	5	2.85	23.02	0.200	7.000	Pass
			RB75#0	20.29	5	2.85	23.14	0.206	7.000	Pass
	HCH	QPSK	RB1#0	22.11	5	2.85	24.96	0.313	7.000	Pass
			RB1#38	22.24	5	2.85	25.09	0.323	7.000	Pass
			RB1#74	22.28	5	2.85	25.13	0.326	7.000	Pass
			RB36#0	21.3	5	2.85	24.15	0.260	7.000	Pass
			RB36#19	21.28	5	2.85	24.13	0.259	7.000	Pass
			RB36#39	21.46	5	2.85	24.31	0.270	7.000	Pass
			RB75#0	21.35	5	2.85	24.20	0.263	7.000	Pass
		16-QAM	RB1#0	21.74	5	2.85	24.59	0.288	7.000	Pass
			RB1#38	22.55	5	2.85	25.40	0.347	7.000	Pass
			RB1#74	22.04	5	2.85	24.89	0.308	7.000	Pass
			RB36#0	20.28	5	2.85	23.13	0.206	7.000	Pass
			RB36#19	20.32	5	2.85	23.17	0.207	7.000	Pass
			RB36#39	20.53	5	2.85	23.38	0.218	7.000	Pass
			RB75#0	20.23	5	2.85	23.08	0.203	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 26 Part 90										
1.4 MHz	LCH	QPSK	RB1#0	22.31	5	2.85	25.16	0.328	100.000	Pass
			RB1#3	22.23	5	2.85	25.08	0.322	100.000	Pass
			RB1#5	22.2	5	2.85	25.05	0.320	100.000	Pass
			RB3#0	22.13	5	2.85	24.98	0.315	100.000	Pass
			RB3#2	22.23	5	2.85	25.08	0.322	100.000	Pass
			RB3#3	22.21	5	2.85	25.06	0.321	100.000	Pass
			RB6#0	21.05	5	2.85	23.90	0.245	100.000	Pass
		16-QcAM	RB1#0	21.02	5	2.85	23.87	0.244	100.000	Pass
			RB1#3	21.14	5	2.85	23.99	0.251	100.000	Pass
			RB1#5	21.16	5	2.85	24.01	0.252	100.000	Pass
			RB3#0	20.93	5	2.85	23.78	0.239	100.000	Pass
			RB3#2	20.9	5	2.85	23.75	0.237	100.000	Pass
			RB3#3	20.87	5	2.85	23.72	0.236	100.000	Pass
			RB6#0	20.27	5	2.85	23.12	0.205	100.000	Pass
	MCH	QPSK	RB1#0	22.02	5	2.85	24.87	0.307	100.000	Pass
			RB1#3	22.06	5	2.85	24.91	0.310	100.000	Pass
			RB1#5	21.98	5	2.85	24.83	0.304	100.000	Pass
			RB3#0	22.16	5	2.85	25.01	0.317	100.000	Pass
			RB3#2	22.15	5	2.85	25.00	0.316	100.000	Pass
			RB3#3	22.1	5	2.85	24.95	0.313	100.000	Pass
			RB6#0	21.13	5	2.85	23.98	0.250	100.000	Pass
		16-QAM	RB1#0	20.95	5	2.85	23.80	0.240	100.000	Pass
			RB1#3	21	5	2.85	23.85	0.243	100.000	Pass
			RB1#5	20.94	5	2.85	23.79	0.239	100.000	Pass
			RB3#0	20.92	5	2.85	23.77	0.238	100.000	Pass
			RB3#2	21.01	5	2.85	23.86	0.243	100.000	Pass
			RB3#3	20.98	5	2.85	23.83	0.242	100.000	Pass
			RB6#0	20.11	5	2.85	22.96	0.198	100.000	Pass
	HCH	QPSK	RB1#0	21.97	5	2.85	24.82	0.303	100.000	Pass
			RB1#3	21.88	5	2.85	24.73	0.297	100.000	Pass
			RB1#5	21.83	5	2.85	24.68	0.294	100.000	Pass
			RB3#0	21.92	5	2.85	24.77	0.300	100.000	Pass
			RB3#2	22.08	5	2.85	24.93	0.311	100.000	Pass
			RB3#3	21.99	5	2.85	24.84	0.305	100.000	Pass
			RB6#0	21.06	5	2.85	23.91	0.246	100.000	Pass
		16-QAM	RB1#0	21.15	5	2.85	24.00	0.251	100.000	Pass
			RB1#3	21.04	5	2.85	23.89	0.245	100.000	Pass
			RB1#5	21.01	5	2.85	23.86	0.243	100.000	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 26 Part 90										
			RB3#0	20.75	5	2.85	23.60	0.229	100.000	Pass
			RB3#2	20.95	5	2.85	23.80	0.240	100.000	Pass
			RB3#3	21.06	5	2.85	23.91	0.246	100.000	Pass
			RB6#0	20.09	5	2.85	22.94	0.197	100.000	Pass
3 MHz	LCH	QPSK	RB1#0	**22.47**	5	2.85	25.32	0.340	100.000	Pass
			RB1#7	22.2	5	2.85	25.05	0.320	100.000	Pass
			RB1#14	22.01	5	2.85	24.86	0.306	100.000	Pass
			RB8#0	21.1	5	2.85	23.95	0.248	100.000	Pass
			RB8#4	21.15	5	2.85	24.00	0.251	100.000	Pass
			RB8#7	21.06	5	2.85	23.91	0.246	100.000	Pass
			RB15#0	21.14	5	2.85	23.99	0.251	100.000	Pass
		16-QAM	RB1#0	21.2	5	2.85	24.05	0.254	100.000	Pass
			RB1#7	21.15	5	2.85	24.00	0.251	100.000	Pass
			RB1#14	20.77	5	2.85	23.62	0.230	100.000	Pass
			RB8#0	19.98	5	2.85	22.83	0.192	100.000	Pass
			RB8#4	20.14	5	2.85	22.99	0.199	100.000	Pass
			RB8#7	20.18	5	2.85	23.03	0.201	100.000	Pass
			RB15#0	20.01	5	2.85	22.86	0.193	100.000	Pass
	MCH	QPSK	RB1#0	22.02	5	2.85	24.87	0.307	100.000	Pass
			RB1#7	22.18	5	2.85	25.03	0.318	100.000	Pass
			RB1#14	22.24	5	2.85	25.09	0.323	100.000	Pass
			RB8#0	21.15	5	2.85	24.00	0.251	100.000	Pass
			RB8#4	21.21	5	2.85	24.06	0.255	100.000	Pass
			RB8#7	21.24	5	2.85	24.09	0.256	100.000	Pass
			RB15#0	21.17	5	2.85	24.02	0.252	100.000	Pass
		16-QAM	RB1#0	21.05	5	2.85	23.90	0.245	100.000	Pass
			RB1#7	21.17	5	2.85	24.02	0.252	100.000	Pass
			RB1#14	20.7	5	2.85	23.55	0.226	100.000	Pass
			RB8#0	19.99	5	2.85	22.84	0.192	100.000	Pass
			RB8#4	20.13	5	2.85	22.98	0.199	100.000	Pass
			RB8#7	20.31	5	2.85	23.16	0.207	100.000	Pass
			RB15#0	20.26	5	2.85	23.11	0.205	100.000	Pass
	HCH	QPSK	RB1#0	22.2	5	2.85	25.05	0.320	100.000	Pass
			RB1#7	22.09	5	2.85	24.94	0.312	100.000	Pass
			RB1#14	21.9	5	2.85	24.75	0.299	100.000	Pass
			RB8#0	21.03	5	2.85	23.88	0.244	100.000	Pass
			RB8#4	21.35	5	2.85	24.20	0.263	100.000	Pass
			RB8#7	21.19	5	2.85	24.04	0.254	100.000	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 26 Part 90										
			RB15#0	21.28	5	2.85	24.13	0.259	100.000	Pass
		16-QAM	RB1#0	21.25	5	2.85	24.10	0.257	100.000	Pass
			RB1#7	21.19	5	2.85	24.04	0.254	100.000	Pass
			RB1#14	20.91	5	2.85	23.76	0.238	100.000	Pass
			RB8#0	19.75	5	2.85	22.60	0.182	100.000	Pass
			RB8#4	19.87	5	2.85	22.72	0.187	100.000	Pass
			RB8#7	19.83	5	2.85	22.68	0.185	100.000	Pass
			RB15#0	19.92	5	2.85	22.77	0.189	100.000	Pass
5 MHz	LCH	QPSK	RB1#0	21.95	5	2.85	24.80	0.302	100.000	Pass
			RB1#13	22.01	5	2.85	24.86	0.306	100.000	Pass
			RB1#24	21.97	5	2.85	24.82	0.303	100.000	Pass
			RB12#0	21.2	5	2.85	24.05	0.254	100.000	Pass
			RB12#6	21.24	5	2.85	24.09	0.256	100.000	Pass
			RB12#13	21.15	5	2.85	24.00	0.251	100.000	Pass
			RB25#0	21.22	5	2.85	24.07	0.255	100.000	Pass
		16-QAM	RB1#0	20.67	5	2.85	23.52	0.225	100.000	Pass
			RB1#13	21.12	5	2.85	23.97	0.249	100.000	Pass
			RB1#24	20.56	5	2.85	23.41	0.219	100.000	Pass
			RB12#0	20.11	5	2.85	22.96	0.198	100.000	Pass
			RB12#6	20.1	5	2.85	22.95	0.197	100.000	Pass
			RB12#13	20.05	5	2.85	22.90	0.195	100.000	Pass
			RB25#0	20.27	5	2.85	23.12	0.205	100.000	Pass
	MCH	QPSK	RB1#0	21.84	5	2.85	24.69	0.294	100.000	Pass
			RB1#13	22.06	5	2.85	24.91	0.310	100.000	Pass
			RB1#24	21.75	5	2.85	24.60	0.288	100.000	Pass
			RB12#0	21.05	5	2.85	23.90	0.245	100.000	Pass
			RB12#6	21.31	5	2.85	24.16	0.261	100.000	Pass
			RB12#13	21.33	5	2.85	24.18	0.262	100.000	Pass
			RB25#0	21.27	5	2.85	24.12	0.258	100.000	Pass
		16-QAM	RB1#0	20.88	5	2.85	23.73	0.236	100.000	Pass
			RB1#13	21.35	5	2.85	24.20	0.263	100.000	Pass
			RB1#24	20.94	5	2.85	23.79	0.239	100.000	Pass
			RB12#0	20.12	5	2.85	22.97	0.198	100.000	Pass
			RB12#6	20.23	5	2.85	23.08	0.203	100.000	Pass
			RB12#13	20.22	5	2.85	23.07	0.203	100.000	Pass
			RB25#0	20.22	5	2.85	23.07	0.203	100.000	Pass
	HCH	QPSK	RB1#0	22.04	5	2.85	24.89	0.308	100.000	Pass
			RB1#13	22.28	5	2.85	25.13	0.326	100.000	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 26 Part 90										
			RB1#24	21.75	5	2.85	24.60	0.288	100.000	Pass
			RB12#0	21.36	5	2.85	24.21	0.264	100.000	Pass
			RB12#6	21.27	5	2.85	24.12	0.258	100.000	Pass
			RB12#13	21.2	5	2.85	24.05	0.254	100.000	Pass
			RB25#0	21.22	5	2.85	24.07	0.255	100.000	Pass
		16-QAM	RB1#0	21.17	5	2.85	24.02	0.252	100.000	Pass
			RB1#13	21.28	5	2.85	24.13	0.259	100.000	Pass
			RB1#24	20.46	5	2.85	23.31	0.214	100.000	Pass
			RB12#0	20.21	5	2.85	23.06	0.202	100.000	Pass
			RB12#6	20.18	5	2.85	23.03	0.201	100.000	Pass
			RB12#13	20.16	5	2.85	23.01	0.200	100.000	Pass
			RB25#0	20.1	5	2.85	22.95	0.197	100.000	Pass
10 MHz		QPSK	RB1#0	22.39	5	2.85	25.24	0.334	100.000	Pass
			RB1#24	22.33	5	2.85	25.18	0.330	100.000	Pass
			RB1#49	22.07	5	2.85	24.92	0.310	100.000	Pass
			RB25#0	21.09	5	2.85	23.94	0.248	100.000	Pass
			RB25#12	21.21	5	2.85	24.06	0.255	100.000	Pass
			RB25#25	21.29	5	2.85	24.14	0.259	100.000	Pass
			RB50#0	21.32	5	2.85	24.17	0.261	100.000	Pass
		16-QAM	RB1#0	21.14	5	2.85	23.99	0.251	100.000	Pass
			RB1#24	21.99	5	2.85	24.84	0.305	100.000	Pass
			RB1#49	21.13	5	2.85	23.98	0.250	100.000	Pass
			RB25#0	21.09	5	2.85	23.94	0.248	100.000	Pass
			RB25#12	21.16	5	2.85	24.01	0.252	100.000	Pass
			RB25#25	21.2	5	2.85	24.05	0.254	100.000	Pass
			RB50#0	21.28	5	2.85	24.13	0.259	100.000	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#Low	21.63	5	26.63	0.460	2.000	Pass
			RB1#Mid	21.74	5	26.74	0.472	2.000	Pass
			RB1#High	21.39	5	26.39	0.436	2.000	Pass
			RB12#Low	20.82	5	25.82	0.382	2.000	Pass
			RB12#Mid	20.85	5	25.85	0.385	2.000	Pass
			RB12#High	20.74	5	25.74	0.375	2.000	Pass
			RB25#Low	20.82	5	25.82	0.382	2.000	Pass
		16-QAM	RB1#Low	20.61	5	25.61	0.364	2.000	Pass
			RB1#Mid	20.72	5	25.72	0.373	2.000	Pass
			RB1#High	20.28	5	25.28	0.337	2.000	Pass
			RB12#Low	19.77	5	24.77	0.300	2.000	Pass
			RB12#Mid	19.8	5	24.80	0.302	2.000	Pass
			RB12#High	19.68	5	24.68	0.294	2.000	Pass
			RB25#Low	19.81	5	24.81	0.303	2.000	Pass
	MCH	QPSK	RB1#Low	21.61	5	26.61	0.458	2.000	Pass
			RB1#Mid	21.69	5	26.69	0.467	2.000	Pass
			RB1#High	21.53	5	26.53	0.450	2.000	Pass
			RB12#Low	20.75	5	25.75	0.376	2.000	Pass
			RB12#Mid	20.76	5	25.76	0.377	2.000	Pass
			RB12#High	20.74	5	25.74	0.375	2.000	Pass
			RB25#Low	20.75	5	25.75	0.376	2.000	Pass
		16-QAM	RB1#Low	20.53	5	25.53	0.357	2.000	Pass
			RB1#Mid	20.55	5	25.55	0.359	2.000	Pass
			RB1#High	20.57	5	25.57	0.361	2.000	Pass
			RB12#Low	19.79	5	24.79	0.301	2.000	Pass
			RB12#Mid	19.74	5	24.74	0.298	2.000	Pass
			RB12#High	19.72	5	24.72	0.296	2.000	Pass
			RB25#Low	19.72	5	24.72	0.296	2.000	Pass
	HCH	QPSK	RB1#Low	21.52	5	26.52	0.449	2.000	Pass
			RB1#Mid	21.61	5	26.61	0.458	2.000	Pass
			RB1#High	21.48	5	26.48	0.445	2.000	Pass
			RB12#Low	20.68	5	25.68	0.370	2.000	Pass
			RB12#Mid	20.79	5	25.79	0.379	2.000	Pass
			RB12#High	20.74	5	25.74	0.375	2.000	Pass
			RB25#Low	20.73	5	25.73	0.374	2.000	Pass
		16-QAM	RB1#Low	20.04	5	25.04	0.319	2.000	Pass
			RB1#Mid	20.11	5	25.11	0.324	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#High	20.07	5	25.07	0.321	2.000	Pass
			RB12#Low	19.81	5	24.81	0.303	2.000	Pass
			RB12#Mid	19.81	5	24.81	0.303	2.000	Pass
			RB12#High	19.8	5	24.80	0.302	2.000	Pass
			RB25#Low	19.69	5	24.69	0.294	2.000	Pass
10 MHz	LCH	QPSK	RB1#Low	21.78	5	26.78	0.476	2.000	Pass
			RB1#Mid	21.83	5	26.83	0.482	2.000	Pass
			RB1#High	21.84	5	26.84	0.483	2.000	Pass
			RB25#Low	20.88	5	25.88	0.387	2.000	Pass
			RB25#Mid	20.84	5	25.84	0.384	2.000	Pass
			RB25#High	20.79	5	25.79	0.379	2.000	Pass
			RB50#Low	20.78	5	25.78	0.378	2.000	Pass
		16-QAM	RB1#Low	21.34	5	26.34	0.431	2.000	Pass
			RB1#Mid	21.57	5	26.57	0.454	2.000	Pass
			RB1#High	21.26	5	26.26	0.423	2.000	Pass
			RB25#Low	19.93	5	24.93	0.311	2.000	Pass
			RB25#Mid	19.98	5	24.98	0.315	2.000	Pass
			RB25#High	19.97	5	24.97	0.314	2.000	Pass
			RB50#Low	19.64	5	24.64	0.291	2.000	Pass
	MCH	QPSK	RB1#Low	21.81	5	26.81	0.480	2.000	Pass
			RB1#Mid	21.88	5	26.88	0.488	2.000	Pass
			RB1#High	21.86	5	26.86	0.485	2.000	Pass
			RB25#Low	20.78	5	25.78	0.378	2.000	Pass
			RB25#Mid	20.76	5	25.76	0.377	2.000	Pass
			RB25#High	20.8	5	25.80	0.380	2.000	Pass
			RB50#Low	20.69	5	25.69	0.371	2.000	Pass
		16-QAM	RB1#Low	20.36	5	25.36	0.344	2.000	Pass
			RB1#Mid	20.36	5	25.36	0.344	2.000	Pass
			RB1#High	20.34	5	25.34	0.342	2.000	Pass
			RB25#Low	19.73	5	24.73	0.297	2.000	Pass
			RB25#Mid	19.54	5	24.54	0.284	2.000	Pass
			RB25#High	19.56	5	24.56	0.286	2.000	Pass
			RB50#Low	19.57	5	24.57	0.286	2.000	Pass
	HCH	QPSK	RB1#Low	21.66	5	26.66	0.463	2.000	Pass
			RB1#Mid	21.64	5	26.64	0.461	2.000	Pass
			RB1#High	21.61	5	26.61	0.458	2.000	Pass
			RB25#Low	20.85	5	25.85	0.385	2.000	Pass
			RB25#Mid	20.76	5	25.76	0.377	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#High	20.73	5	25.73	0.374	2.000	Pass
			RB50#Low	20.68	5	25.68	0.370	2.000	Pass
		16-QAM	RB1#Low	21.55	5	26.55	0.452	2.000	Pass
			RB1#Mid	21.79	5	26.79	0.478	2.000	Pass
			RB1#High	21.52	5	26.52	0.449	2.000	Pass
			RB25#Low	19.71	5	24.71	0.296	2.000	Pass
			RB25#Mid	19.63	5	24.63	0.290	2.000	Pass
			RB25#High	19.62	5	24.62	0.290	2.000	Pass
			RB50#Low	19.68	5	24.68	0.294	2.000	Pass
15 MHz	LCH	QPSK	RB1#Low	**22.04**	5	27.04	0.506	2.000	Pass
			RB1#Mid	21.84	5	26.84	0.483	2.000	Pass
			RB1#High	21.67	5	26.67	0.465	2.000	Pass
			RB36#Low	20.79	5	25.79	0.379	2.000	Pass
			RB36#Mid	20.85	5	25.85	0.385	2.000	Pass
			RB36#High	20.78	5	25.78	0.378	2.000	Pass
			RB75#Low	20.77	5	25.77	0.378	2.000	Pass
		16-QAM	RB1#Low	21.37	5	26.37	0.434	2.000	Pass
			RB1#Mid	21.47	5	26.47	0.444	2.000	Pass
			RB1#High	21.2	5	26.20	0.417	2.000	Pass
			RB36#Low	19.65	5	24.65	0.292	2.000	Pass
			RB36#Mid	19.62	5	24.62	0.290	2.000	Pass
			RB36#High	19.52	5	24.52	0.283	2.000	Pass
			RB75#Low	19.93	5	24.93	0.311	2.000	Pass
	MCH	QPSK	RB1#Low	21.94	5	26.94	0.494	2.000	Pass
			RB1#Mid	21.84	5	26.84	0.483	2.000	Pass
			RB1#High	21.91	5	26.91	0.491	2.000	Pass
			RB36#Low	20.82	5	25.82	0.382	2.000	Pass
			RB36#Mid	20.76	5	25.76	0.377	2.000	Pass
			RB36#High	20.72	5	25.72	0.373	2.000	Pass
			RB75#Low	20.75	5	25.75	0.376	2.000	Pass
		16-QAM	RB1#Low	20.46	5	25.46	0.352	2.000	Pass
			RB1#Mid	20.23	5	25.23	0.333	2.000	Pass
			RB1#High	20.43	5	25.43	0.349	2.000	Pass
			RB36#Low	19.76	5	24.76	0.299	2.000	Pass
			RB36#Mid	19.69	5	24.69	0.294	2.000	Pass
			RB36#High	19.68	5	24.68	0.294	2.000	Pass
			RB75#Low	19.7	5	24.70	0.295	2.000	Pass
	HCH	QPSK	RB1#Low	21.62	5	26.62	0.459	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#Mid	21.65	5	26.65	0.462	2.000	Pass
			RB1#High	21.68	5	26.68	0.466	2.000	Pass
			RB36#Low	20.73	5	25.73	0.374	2.000	Pass
			RB36#Mid	20.8	5	25.80	0.380	2.000	Pass
			RB36#High	20.73	5	25.73	0.374	2.000	Pass
			RB75#Low	20.77	5	25.77	0.378	2.000	Pass
		16-QAM	RB1#Low	20.54	5	25.54	0.358	2.000	Pass
			RB1#Mid	21.07	5	26.07	0.405	2.000	Pass
			RB1#High	21	5	26.00	0.398	2.000	Pass
			RB36#Low	19.62	5	24.62	0.290	2.000	Pass
			RB36#Mid	19.56	5	24.56	0.286	2.000	Pass
			RB36#High	19.58	5	24.58	0.287	2.000	Pass
			RB75#Low	19.72	5	24.72	0.296	2.000	Pass
20 MHz	LCH	QPSK	RB1#Low	21.74	5	26.74	0.472	2.000	Pass
			RB1#Mid	21.89	5	26.89	0.489	2.000	Pass
			RB1#High	21.49	5	26.49	0.446	2.000	Pass
			RB50#Low	20.77	5	25.77	0.378	2.000	Pass
			RB50#Mid	20.74	5	25.74	0.375	2.000	Pass
			RB50#High	20.67	5	25.67	0.369	2.000	Pass
			RB100#Low	20.73	5	25.73	0.374	2.000	Pass
		16-QAM	RB1#Low	20.34	5	25.34	0.342	2.000	Pass
			RB1#Mid	20.75	5	25.75	0.376	2.000	Pass
			RB1#High	20.08	5	25.08	0.322	2.000	Pass
			RB50#Low	19.83	5	24.83	0.304	2.000	Pass
			RB50#Mid	19.74	5	24.74	0.298	2.000	Pass
			RB50#High	19.61	5	24.61	0.289	2.000	Pass
			RB100#Low	19.67	5	24.67	0.293	2.000	Pass
	MCH	QPSK	RB1#Low	21.91	5	26.91	0.491	2.000	Pass
			RB1#Mid	21.97	5	26.97	0.498	2.000	Pass
			RB1#High	21.51	5	26.51	0.448	2.000	Pass
			RB50#Low	20.74	5	25.74	0.375	2.000	Pass
			RB50#Mid	20.76	5	25.76	0.377	2.000	Pass
			RB50#High	20.75	5	25.75	0.376	2.000	Pass
			RB100#Low	20.74	5	25.74	0.375	2.000	Pass
		16-QAM	RB1#Low	19.92	5	24.92	0.310	2.000	Pass
			RB1#Mid	19.98	5	24.98	0.315	2.000	Pass
			RB1#High	19.89	5	24.89	0.308	2.000	Pass
			RB50#Low	19.81	5	24.81	0.303	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#Mid	19.71	5	24.71	0.296	2.000	Pass
			RB50#High	19.83	5	24.83	0.304	2.000	Pass
			RB100#Low	19.52	5	24.52	0.283	2.000	Pass
	HCH	QPSK	RB1#Low	21.92	5	26.92	0.492	2.000	Pass
			RB1#Mid	21.94	5	26.94	0.494	2.000	Pass
			RB1#High	21.86	5	26.86	0.485	2.000	Pass
			RB50#Low	20.73	5	25.73	0.374	2.000	Pass
			RB50#Mid	20.77	5	25.77	0.378	2.000	Pass
			RB50#High	20.69	5	25.69	0.371	2.000	Pass
			RB100#Low	20.75	5	25.75	0.376	2.000	Pass
		16-QAM	RB1#Low	21.23	5	26.23	0.420	2.000	Pass
			RB1#Mid	21.07	5	26.07	0.405	2.000	Pass
			RB1#High	20.82	5	25.82	0.382	2.000	Pass
			RB50#Low	19.61	5	24.61	0.289	2.000	Pass
			RB50#Mid	19.75	5	24.75	0.299	2.000	Pass
			RB50#High	19.69	5	24.69	0.294	2.000	Pass
			RB100#Low	19.72	5	24.72	0.296	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(full)									
5 MHz	LCH	QPSK	RB1#Low	21.85	5	26.85	0.484	2.000	Pass
			RB1#Mid	21.94	5	26.94	0.494	2.000	Pass
			RB1#High	21.73	5	26.73	0.471	2.000	Pass
			RB12#Low	21.2	5	26.20	0.417	2.000	Pass
			RB12#Mid	21.11	5	26.11	0.408	2.000	Pass
			RB12#High	21.1	5	26.10	0.407	2.000	Pass
			RB25#Low	21.07	5	26.07	0.405	2.000	Pass
		16-QAM	RB1#Low	20.99	5	25.99	0.397	2.000	Pass
			RB1#Mid	21.01	5	26.01	0.399	2.000	Pass
			RB1#High	20.78	5	25.78	0.378	2.000	Pass
			RB12#Low	20.18	5	25.18	0.330	2.000	Pass
			RB12#Mid	20.17	5	25.17	0.329	2.000	Pass
			RB12#High	20.16	5	25.16	0.328	2.000	Pass
			RB25#Low	19.98	5	24.98	0.315	2.000	Pass
	MCH	QPSK	RB1#Low	21.61	5	26.61	0.458	2.000	Pass
			RB1#Mid	21.77	5	26.77	0.475	2.000	Pass
			RB1#High	21.61	5	26.61	0.458	2.000	Pass
			RB12#Low	20.81	5	25.81	0.381	2.000	Pass
			RB12#Mid	20.83	5	25.83	0.383	2.000	Pass
			RB12#High	20.86	5	25.86	0.385	2.000	Pass
			RB25#Low	20.81	5	25.81	0.381	2.000	Pass
		16-QAM	RB1#Low	20.71	5	25.71	0.372	2.000	Pass
			RB1#Mid	20.73	5	25.73	0.374	2.000	Pass
			RB1#High	20.71	5	25.71	0.372	2.000	Pass
			RB12#Low	19.95	5	24.95	0.313	2.000	Pass
			RB12#Mid	19.98	5	24.98	0.315	2.000	Pass
			RB12#High	19.99	5	24.99	0.316	2.000	Pass
			RB25#Low	19.78	5	24.78	0.301	2.000	Pass
	HCH	QPSK	RB1#Low	21.94	5	26.94	0.494	2.000	Pass
			RB1#Mid	21.99	5	26.99	0.500	2.000	Pass
			RB1#High	21.9	5	26.90	0.490	2.000	Pass
			RB12#Low	21.07	5	26.07	0.405	2.000	Pass
			RB12#Mid	21.12	5	26.12	0.409	2.000	Pass
			RB12#High	21.02	5	26.02	0.400	2.000	Pass
			RB25#Low	21.08	5	26.08	0.406	2.000	Pass
		16-QAM	RB1#Low	20.61	5	25.61	0.364	2.000	Pass
			RB1#Mid	20.69	5	25.69	0.371	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(full)									
			RB1#High	20.44	5	25.44	0.350	2.000	Pass
			RB12#Low	19.97	5	24.97	0.314	2.000	Pass
			RB12#Mid	20.01	5	25.01	0.317	2.000	Pass
			RB12#High	19.98	5	24.98	0.315	2.000	Pass
			RB25#Low	20.23	5	25.23	0.333	2.000	Pass
10 MHz	LCH	QPSK	RB1#Low	22.14	5	27.14	0.518	2.000	Pass
			RB1#Mid	22.2	5	27.20	0.525	2.000	Pass
			RB1#High	22.14	5	27.14	0.518	2.000	Pass
			RB25#Low	21.17	5	26.17	0.414	2.000	Pass
			RB25#Mid	21.23	5	26.23	0.420	2.000	Pass
			RB25#High	21.1	5	26.10	0.407	2.000	Pass
			RB50#Low	21.18	5	26.18	0.415	2.000	Pass
		16-QAM	RB1#Low	21.75	5	26.75	0.473	2.000	Pass
			RB1#Mid	22.09	5	27.09	0.512	2.000	Pass
			RB1#High	21.69	5	26.69	0.467	2.000	Pass
			RB25#Low	20.34	5	25.34	0.342	2.000	Pass
			RB25#Mid	20.25	5	25.25	0.335	2.000	Pass
			RB25#High	20.18	5	25.18	0.330	2.000	Pass
			RB50#Low	20.17	5	25.17	0.329	2.000	Pass
	MCH	QPSK	RB1#Low	21.85	5	26.85	0.484	2.000	Pass
			RB1#Mid	22.05	5	27.05	0.507	2.000	Pass
			RB1#High	21.94	5	26.94	0.494	2.000	Pass
			RB25#Low	20.85	5	25.85	0.385	2.000	Pass
			RB25#Mid	20.91	5	25.91	0.390	2.000	Pass
			RB25#High	20.99	5	25.99	0.397	2.000	Pass
			RB50#Low	20.87	5	25.87	0.386	2.000	Pass
		16-QAM	RB1#Low	20.39	5	25.39	0.346	2.000	Pass
			RB1#Mid	20.57	5	25.57	0.361	2.000	Pass
			RB1#High	20.51	5	25.51	0.356	2.000	Pass
			RB25#Low	19.69	5	24.69	0.294	2.000	Pass
			RB25#Mid	19.96	5	24.96	0.313	2.000	Pass
			RB25#High	19.95	5	24.95	0.313	2.000	Pass
			RB50#Low	19.94	5	24.94	0.312	2.000	Pass
	HCH	QPSK	RB1#Low	22.17	5	27.17	0.521	2.000	Pass
			RB1#Mid	22.04	5	27.04	0.506	2.000	Pass
			RB1#High	22.04	5	27.04	0.506	2.000	Pass
			RB25#Low	21.23	5	26.23	0.420	2.000	Pass
			RB25#Mid	21.27	5	26.27	0.424	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(full)									
			RB25#High	21.23	5	26.23	0.420	2.000	Pass
			RB50#Low	21.19	5	26.19	0.416	2.000	Pass
		16-QAM	RB1#Low	21.55	5	26.55	0.452	2.000	Pass
			RB1#Mid	22.07	5	27.07	0.509	2.000	Pass
			RB1#High	22.17	5	27.17	0.521	2.000	Pass
			RB25#Low	20.12	5	25.12	0.325	2.000	Pass
			RB25#Mid	20.15	5	25.15	0.327	2.000	Pass
			RB25#High	20.14	5	25.14	0.327	2.000	Pass
			RB50#Low	20.25	5	25.25	0.335	2.000	Pass
15 MHz	LCH	QPSK	RB1#Low	22.06	5	27.06	0.508	2.000	Pass
			RB1#Mid	22.04	5	27.04	0.506	2.000	Pass
			RB1#High	21.8	5	26.80	0.479	2.000	Pass
			RB36#Low	21.03	5	26.03	0.401	2.000	Pass
			RB36#Mid	20.97	5	25.97	0.395	2.000	Pass
			RB36#High	20.89	5	25.89	0.388	2.000	Pass
			RB75#Low	20.94	5	25.94	0.393	2.000	Pass
		16-QAM	RB1#Low	21.62	5	26.62	0.459	2.000	Pass
			RB1#Mid	21.73	5	26.73	0.471	2.000	Pass
			RB1#High	21.63	5	26.63	0.460	2.000	Pass
			RB36#Low	19.84	5	24.84	0.305	2.000	Pass
			RB36#Mid	19.93	5	24.93	0.311	2.000	Pass
			RB36#High	19.87	5	24.87	0.307	2.000	Pass
			RB75#Low	19.93	5	24.93	0.311	2.000	Pass
	MCH	QPSK	RB1#Low	21.84	5	26.84	0.483	2.000	Pass
			RB1#Mid	22.01	5	27.01	0.502	2.000	Pass
			RB1#High	21.9	5	26.90	0.490	2.000	Pass
			RB36#Low	20.86	5	25.86	0.385	2.000	Pass
			RB36#Mid	20.87	5	25.87	0.386	2.000	Pass
			RB36#High	20.91	5	25.91	0.390	2.000	Pass
			RB75#Low	20.85	5	25.85	0.385	2.000	Pass
		16-QAM	RB1#Low	20.45	5	25.45	0.351	2.000	Pass
			RB1#Mid	20.52	5	25.52	0.356	2.000	Pass
			RB1#High	20.28	5	25.28	0.337	2.000	Pass
			RB36#Low	19.95	5	24.95	0.313	2.000	Pass
			RB36#Mid	19.97	5	24.97	0.314	2.000	Pass
			RB36#High	20.01	5	25.01	0.317	2.000	Pass
			RB75#Low	19.92	5	24.92	0.310	2.000	Pass
	HCH	QPSK	RB1#Low	21.98	5	26.98	0.499	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(full)									
			RB1#Mid	21.83	5	26.83	0.482	2.000	Pass
			RB1#High	21.8	5	26.80	0.479	2.000	Pass
			RB36#Low	21.21	5	26.21	0.418	2.000	Pass
			RB36#Mid	21.2	5	26.20	0.417	2.000	Pass
			RB36#High	21.1	5	26.10	0.407	2.000	Pass
			RB75#Low	21.09	5	26.09	0.406	2.000	Pass
		16-QAM	RB1#Low	21.36	5	26.36	0.433	2.000	Pass
			RB1#Mid	21.16	5	26.16	0.413	2.000	Pass
			RB1#High	21.32	5	26.32	0.429	2.000	Pass
			RB36#Low	20.18	5	25.18	0.330	2.000	Pass
			RB36#Mid	20	5	25.00	0.316	2.000	Pass
			RB36#High	20.14	5	25.14	0.327	2.000	Pass
			RB75#Low	20.21	5	25.21	0.332	2.000	Pass
20 MHz	LCH	QPSK	RB1#Low	21.93	5	26.93	0.493	2.000	Pass
			RB1#Mid	22.17	5	27.17	0.521	2.000	Pass
			RB1#High	21.66	5	26.66	0.463	2.000	Pass
			RB50#Low	21.06	5	26.06	0.404	2.000	Pass
			RB50#Mid	21	5	26.00	0.398	2.000	Pass
			RB50#High	20.96	5	25.96	0.394	2.000	Pass
			RB100#Low	21.06	5	26.06	0.404	2.000	Pass
		16-QAM	RB1#Low	20.69	5	25.69	0.371	2.000	Pass
			RB1#Mid	21.15	5	26.15	0.412	2.000	Pass
			RB1#High	20.56	5	25.56	0.360	2.000	Pass
			RB50#Low	20.12	5	25.12	0.325	2.000	Pass
			RB50#Mid	20.05	5	25.05	0.320	2.000	Pass
			RB50#High	20.03	5	25.03	0.318	2.000	Pass
			RB100#Low	20.04	5	25.04	0.319	2.000	Pass
	MCH	QPSK	RB1#Low	21.57	5	26.57	0.454	2.000	Pass
			RB1#Mid	22.18	5	27.18	0.522	2.000	Pass
			RB1#High	21.59	5	26.59	0.456	2.000	Pass
			RB50#Low	20.81	5	25.81	0.381	2.000	Pass
			RB50#Mid	20.92	5	25.92	0.391	2.000	Pass
			RB50#High	20.96	5	25.96	0.394	2.000	Pass
			RB100#Low	20.93	5	25.93	0.392	2.000	Pass
		16-QAM	RB1#Low	19.87	5	24.87	0.307	2.000	Pass
			RB1#Mid	20.06	5	25.06	0.321	2.000	Pass
			RB1#High	20.11	5	25.11	0.324	2.000	Pass
			RB50#Low	19.87	5	24.87	0.307	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(full)									
			RB50#Mid	19.99	5	24.99	0.316	2.000	Pass
			RB50#High	20.04	5	25.04	0.319	2.000	Pass
			RB100#Low	19.9	5	24.90	0.309	2.000	Pass
	HCH	QPSK	RB1#Low	22.11	5	27.11	0.514	2.000	Pass
			RB1#Mid	**22.39**	5	27.39	0.548	2.000	Pass
			RB1#High	22.12	5	27.12	0.515	2.000	Pass
			RB50#Low	21.22	5	26.22	0.419	2.000	Pass
			RB50#Mid	21.19	5	26.19	0.416	2.000	Pass
			RB50#High	21.2	5	26.20	0.417	2.000	Pass
			RB100#Low	21.16	5	26.16	0.413	2.000	Pass
		16-QAM	RB1#Low	21.75	5	26.75	0.473	2.000	Pass
			RB1#Mid	21.93	5	26.93	0.493	2.000	Pass
			RB1#High	21.66	5	26.66	0.463	2.000	Pass
			RB50#Low	20.34	5	25.34	0.342	2.000	Pass
			RB50#Mid	20.25	5	25.25	0.335	2.000	Pass
			RB50#High	20.2	5	25.20	0.331	2.000	Pass
			RB100#Low	20.18	5	25.18	0.330	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#Low	21.63	5	26.63	0.460	1.000	Pass
			RB1#Mid	21.99	5	26.99	0.500	1.000	Pass
			RB1#High	21.75	5	26.75	0.473	1.000	Pass
			RB3#Low	21.67	5	26.67	0.465	1.000	Pass
			RB3#Mid	21.74	5	26.74	0.472	1.000	Pass
			RB3#High	21.81	5	26.81	0.480	1.000	Pass
			RB6#Low	20.83	5	25.83	0.383	1.000	Pass
		16-QcAM	RB1#Low	20.67	5	25.67	0.369	1.000	Pass
			RB1#Mid	20.59	5	25.59	0.362	1.000	Pass
			RB1#High	20.47	5	25.47	0.352	1.000	Pass
			RB3#Low	20.19	5	25.19	0.330	1.000	Pass
			RB3#Mid	20.38	5	25.38	0.345	1.000	Pass
			RB3#High	20.28	5	25.28	0.337	1.000	Pass
			RB6#Low	19.47	5	24.47	0.280	1.000	Pass
	MCH	QPSK	RB1#Low	21.84	5	26.84	0.483	1.000	Pass
			RB1#Mid	22	5	27.00	0.501	1.000	Pass
			RB1#High	21.69	5	26.69	0.467	1.000	Pass
			RB3#Low	21.92	5	26.92	0.492	1.000	Pass
			RB3#Mid	21.96	5	26.96	0.497	1.000	Pass
			RB3#High	21.93	5	26.93	0.493	1.000	Pass
			RB6#Low	20.96	5	25.96	0.394	1.000	Pass
		16-QAM	RB1#Low	20.85	5	25.85	0.385	1.000	Pass
			RB1#Mid	20.9	5	25.90	0.389	1.000	Pass
			RB1#High	20.73	5	25.73	0.374	1.000	Pass
			RB3#Low	20.68	5	25.68	0.370	1.000	Pass
			RB3#Mid	20.66	5	25.66	0.368	1.000	Pass
			RB3#High	20.72	5	25.72	0.373	1.000	Pass
			RB6#Low	19.67	5	24.67	0.293	1.000	Pass
	HCH	QPSK	RB1#Low	22.07	5	27.07	0.509	1.000	Pass
			RB1#Mid	22.19	5	27.19	0.524	1.000	Pass
			RB1#High	22.04	5	27.04	0.506	1.000	Pass
			RB3#Low	22.34	5	27.34	0.542	1.000	Pass
			RB3#Mid	**22.43**	5	27.43	0.553	1.000	Pass
			RB3#High	22.35	5	27.35	0.543	1.000	Pass
			RB6#Low	21.35	5	26.35	0.432	1.000	Pass
		16-QAM	RB1#Low	21.23	5	26.23	0.420	1.000	Pass
			RB1#Mid	21.22	5	26.22	0.419	1.000	Pass
			RB1#High	21.14	5	26.14	0.411	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									
			RB3#Low	21.53	5	26.53	0.450	1.000	Pass
			RB3#Mid	21.42	5	26.42	0.439	1.000	Pass
			RB3#High	21.35	5	26.35	0.432	1.000	Pass
			RB6#Low	20.48	5	25.48	0.353	1.000	Pass
3 MHz	LCH	QPSK	RB1#Low	21.75	5	26.75	0.473	1.000	Pass
			RB1#Mid	21.77	5	26.77	0.475	1.000	Pass
			RB1#High	21.72	5	26.72	0.470	1.000	Pass
			RB8#Low	20.83	5	25.83	0.383	1.000	Pass
			RB8#Mid	20.92	5	25.92	0.391	1.000	Pass
			RB8#High	20.91	5	25.91	0.390	1.000	Pass
			RB15#Low	20.86	5	25.86	0.385	1.000	Pass
		16-QAM	RB1#Low	20.65	5	25.65	0.367	1.000	Pass
			RB1#Mid	20.71	5	25.71	0.372	1.000	Pass
			RB1#High	20.68	5	25.68	0.370	1.000	Pass
			RB8#Low	19.86	5	24.86	0.306	1.000	Pass
			RB8#Mid	19.55	5	24.55	0.285	1.000	Pass
			RB8#High	19.44	5	24.44	0.278	1.000	Pass
			RB15#Low	19.73	5	24.73	0.297	1.000	Pass
	MCH	QPSK	RB1#Low	21.95	5	26.95	0.495	1.000	Pass
			RB1#Mid	22.13	5	27.13	0.516	1.000	Pass
			RB1#High	22.02	5	27.02	0.504	1.000	Pass
			RB8#Low	21.02	5	26.02	0.400	1.000	Pass
			RB8#Mid	20.93	5	25.93	0.392	1.000	Pass
			RB8#High	20.89	5	25.89	0.388	1.000	Pass
			RB15#Low	20.99	5	25.99	0.397	1.000	Pass
		16-QAM	RB1#Low	20.95	5	25.95	0.394	1.000	Pass
			RB1#Mid	20.85	5	25.85	0.385	1.000	Pass
			RB1#High	20.91	5	25.91	0.390	1.000	Pass
			RB8#Low	19.83	5	24.83	0.304	1.000	Pass
			RB8#Mid	20.04	5	25.04	0.319	1.000	Pass
			RB8#High	19.98	5	24.98	0.315	1.000	Pass
			RB15#Low	19.94	5	24.94	0.312	1.000	Pass
	HCH	QPSK	RB1#Low	22.05	5	27.05	0.507	1.000	Pass
			RB1#Mid	22.1	5	27.10	0.513	1.000	Pass
			RB1#High	22.08	5	27.08	0.511	1.000	Pass
			RB8#Low	21.44	5	26.44	0.441	1.000	Pass
			RB8#Mid	21.42	5	26.42	0.439	1.000	Pass
			RB8#High	21.3	5	26.30	0.427	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									
			RB15#Low	21.38	5	26.38	0.435	1.000	Pass
		16-QAM	RB1#Low	21.41	5	26.41	0.438	1.000	Pass
			RB1#Mid	21.33	5	26.33	0.430	1.000	Pass
			RB1#High	21.35	5	26.35	0.432	1.000	Pass
			RB8#Low	20.52	5	25.52	0.356	1.000	Pass
			RB8#Mid	20.5	5	25.50	0.355	1.000	Pass
			RB8#High	20.5	5	25.50	0.355	1.000	Pass
			RB15#Low	20.37	5	25.37	0.344	1.000	Pass
5 MHz	LCH	QPSK	RB1#Low	21.63	5	26.63	0.460	1.000	Pass
			RB1#Mid	21.69	5	26.69	0.467	1.000	Pass
			RB1#High	21.59	5	26.59	0.456	1.000	Pass
			RB12#Low	20.7	5	25.70	0.372	1.000	Pass
			RB12#Mid	20.87	5	25.87	0.386	1.000	Pass
			RB12#High	20.77	5	25.77	0.378	1.000	Pass
			RB25#Low	20.72	5	25.72	0.373	1.000	Pass
		16-QAM	RB1#Low	20.37	5	25.37	0.344	1.000	Pass
			RB1#Mid	20.34	5	25.34	0.342	1.000	Pass
			RB1#High	20.3	5	25.30	0.339	1.000	Pass
			RB12#Low	19.7	5	24.70	0.295	1.000	Pass
			RB12#Mid	19.69	5	24.69	0.294	1.000	Pass
			RB12#High	19.57	5	24.57	0.286	1.000	Pass
			RB25#Low	19.89	5	24.89	0.308	1.000	Pass
	MCH	QPSK	RB1#Low	21.72	5	26.72	0.470	1.000	Pass
			RB1#Mid	21.82	5	26.82	0.481	1.000	Pass
			RB1#High	21.81	5	26.81	0.480	1.000	Pass
			RB12#Low	21.01	5	26.01	0.399	1.000	Pass
			RB12#Mid	20.98	5	25.98	0.396	1.000	Pass
			RB12#High	20.87	5	25.87	0.386	1.000	Pass
			RB25#Low	20.83	5	25.83	0.383	1.000	Pass
		16-QAM	RB1#Low	20.97	5	25.97	0.395	1.000	Pass
			RB1#Mid	20.93	5	25.93	0.392	1.000	Pass
			RB1#High	20.91	5	25.91	0.390	1.000	Pass
			RB12#Low	19.85	5	24.85	0.305	1.000	Pass
			RB12#Mid	20.05	5	25.05	0.320	1.000	Pass
			RB12#High	19.96	5	24.96	0.313	1.000	Pass
			RB25#Low	19.91	5	24.91	0.310	1.000	Pass
	HCH	QPSK	RB1#Low	22	5	27.00	0.501	1.000	Pass
			RB1#Mid	22.22	5	27.22	0.527	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#High	22.21	5	27.21	0.526	1.000	Pass
			RB12#Low	21.29	5	26.29	0.426	1.000	Pass
			RB12#Mid	21.33	5	26.33	0.430	1.000	Pass
			RB12#High	21.3	5	26.30	0.427	1.000	Pass
			RB25#Low	21.28	5	26.28	0.425	1.000	Pass
		16-QAM	RB1#Low	21.51	5	26.51	0.448	1.000	Pass
			RB1#Mid	20.82	5	25.82	0.382	1.000	Pass
			RB1#High	20.7	5	25.70	0.372	1.000	Pass
			RB12#Low	20.1	5	25.10	0.324	1.000	Pass
			RB12#Mid	20.14	5	25.14	0.327	1.000	Pass
			RB12#High	20.11	5	25.11	0.324	1.000	Pass
			RB25#Low	20.01	5	25.01	0.317	1.000	Pass
10 MHz	LCH	QPSK	RB1#Low	21.77	5	26.77	0.475	1.000	Pass
			RB1#Mid	21.9	5	26.90	0.490	1.000	Pass
			RB1#High	21.74	5	26.74	0.472	1.000	Pass
			RB25#Low	20.93	5	25.93	0.392	1.000	Pass
			RB25#Mid	20.8	5	25.80	0.380	1.000	Pass
			RB25#High	20.73	5	25.73	0.374	1.000	Pass
			RB50#Low	20.72	5	25.72	0.373	1.000	Pass
		16-QAM	RB1#Low	20.77	5	25.77	0.378	1.000	Pass
			RB1#Mid	21.19	5	26.19	0.416	1.000	Pass
			RB1#High	20.71	5	25.71	0.372	1.000	Pass
			RB25#Low	19.86	5	24.86	0.306	1.000	Pass
			RB25#Mid	19.94	5	24.94	0.312	1.000	Pass
			RB25#High	19.88	5	24.88	0.308	1.000	Pass
			RB50#Low	19.64	5	24.64	0.291	1.000	Pass
	MCH	QPSK	RB1#Low	21.99	5	26.99	0.500	1.000	Pass
			RB1#Mid	22.39	5	27.39	0.548	1.000	Pass
			RB1#High	21.93	5	26.93	0.493	1.000	Pass
			RB25#Low	21.04	5	26.04	0.402	1.000	Pass
			RB25#Mid	21.07	5	26.07	0.405	1.000	Pass
			RB25#High	20.98	5	25.98	0.396	1.000	Pass
			RB50#Low	21	5	26.00	0.398	1.000	Pass
		16-QAM	RB1#Low	21.02	5	26.02	0.400	1.000	Pass
			RB1#Mid	20.95	5	25.95	0.394	1.000	Pass
			RB1#High	20.63	5	25.63	0.366	1.000	Pass
			RB25#Low	20.11	5	25.11	0.324	1.000	Pass
			RB25#Mid	20.34	5	25.34	0.342	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#High	20.14	5	25.14	0.327	1.000	Pass
			RB50#Low	19.95	5	24.95	0.313	1.000	Pass
	HCH	QPSK	RB1#Low	22.08	5	27.08	0.511	1.000	Pass
			RB1#Mid	22.23	5	27.23	0.528	1.000	Pass
			RB1#High	22.15	5	27.15	0.519	1.000	Pass
			RB25#Low	21.3	5	26.30	0.427	1.000	Pass
			RB25#Mid	21.3	5	26.30	0.427	1.000	Pass
			RB25#High	21.22	5	26.22	0.419	1.000	Pass
			RB50#Low	21.27	5	26.27	0.424	1.000	Pass
		16-QAM	RB1#Low	21.38	5	26.38	0.435	1.000	Pass
			RB1#Mid	21.22	5	26.22	0.419	1.000	Pass
			RB1#High	20.78	5	25.78	0.378	1.000	Pass
			RB25#Low	20.37	5	25.37	0.344	1.000	Pass
			RB25#Mid	20.43	5	25.43	0.349	1.000	Pass
			RB25#High	20.23	5	25.23	0.333	1.000	Pass
			RB50#Low	20.15	5	25.15	0.327	1.000	Pass
15 MHz	LCH	QPSK	RB1#Low	21.7	5	26.70	0.468	1.000	Pass
			RB1#Mid	21.78	5	26.78	0.476	1.000	Pass
			RB1#High	21.77	5	26.77	0.475	1.000	Pass
			RB36#Low	20.85	5	25.85	0.385	1.000	Pass
			RB36#Mid	20.91	5	25.91	0.390	1.000	Pass
			RB36#High	20.78	5	25.78	0.378	1.000	Pass
			RB75#Low	20.9	5	25.90	0.389	1.000	Pass
		16-QAM	RB1#Low	20.9	5	25.90	0.389	1.000	Pass
			RB1#Mid	21.11	5	26.11	0.408	1.000	Pass
			RB1#High	20.73	5	25.73	0.374	1.000	Pass
			RB36#Low	19.75	5	24.75	0.299	1.000	Pass
			RB36#Mid	19.76	5	24.76	0.299	1.000	Pass
			RB36#High	19.87	5	24.87	0.307	1.000	Pass
			RB75#Low	19.84	5	24.84	0.305	1.000	Pass
	MCH	QPSK	RB1#Low	21.97	5	26.97	0.498	1.000	Pass
			RB1#Mid	21.87	5	26.87	0.486	1.000	Pass
			RB1#High	22.02	5	27.02	0.504	1.000	Pass
			RB36#Low	21	5	26.00	0.398	1.000	Pass
			RB36#Mid	20.94	5	25.94	0.393	1.000	Pass
			RB36#High	20.77	5	25.77	0.378	1.000	Pass
			RB75#Low	20.89	5	25.89	0.388	1.000	Pass
		16-QAM	RB1#Low	21	5	26.00	0.398	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#Mid	20.78	5	25.78	0.378	1.000	Pass
			RB1#High	20.82	5	25.82	0.382	1.000	Pass
			RB36#Low	19.97	5	24.97	0.314	1.000	Pass
			RB36#Mid	20.16	5	25.16	0.328	1.000	Pass
			RB36#High	20.04	5	25.04	0.319	1.000	Pass
			RB75#Low	19.95	5	24.95	0.313	1.000	Pass
	HCH	QPSK	RB1#Low	22.11	5	27.11	0.514	1.000	Pass
			RB1#Mid	22.02	5	27.02	0.504	1.000	Pass
			RB1#High	21.99	5	26.99	0.500	1.000	Pass
			RB36#Low	21.17	5	26.17	0.414	1.000	Pass
			RB36#Mid	21.23	5	26.23	0.420	1.000	Pass
			RB36#High	21.07	5	26.07	0.405	1.000	Pass
			RB75#Low	21.17	5	26.17	0.414	1.000	Pass
		16-QAM	RB1#Low	21.69	5	26.69	0.467	1.000	Pass
			RB1#Mid	21.69	5	26.69	0.467	1.000	Pass
			RB1#High	21.77	5	26.77	0.475	1.000	Pass
			RB36#Low	20.05	5	25.05	0.320	1.000	Pass
			RB36#Mid	20.17	5	25.17	0.329	1.000	Pass
			RB36#High	20	5	25.00	0.316	1.000	Pass
			RB75#Low	20.11	5	25.11	0.324	1.000	Pass
20 MHz	LCH	QPSK	RB1#Low	21.46	5	26.46	0.443	1.000	Pass
			RB1#Mid	22	5	27.00	0.501	1.000	Pass
			RB1#High	21.49	5	26.49	0.446	1.000	Pass
			RB50#Low	20.77	5	25.77	0.378	1.000	Pass
			RB50#Mid	20.76	5	25.76	0.377	1.000	Pass
			RB50#High	20.76	5	25.76	0.377	1.000	Pass
			RB100#Low	20.79	5	25.79	0.379	1.000	Pass
		16-QAM	RB1#Low	20.99	5	25.99	0.397	1.000	Pass
			RB1#Mid	21.01	5	26.01	0.399	1.000	Pass
			RB1#High	20.23	5	25.23	0.333	1.000	Pass
			RB50#Low	19.63	5	24.63	0.290	1.000	Pass
			RB50#Mid	19.92	5	24.92	0.310	1.000	Pass
			RB50#High	19.66	5	24.66	0.292	1.000	Pass
			RB100#Low	19.75	5	24.75	0.299	1.000	Pass
	MCH	QPSK	RB1#Low	22.01	5	27.01	0.502	1.000	Pass
			RB1#Mid	22.01	5	27.01	0.502	1.000	Pass
			RB1#High	21.84	5	26.84	0.483	1.000	Pass
			RB50#Low	21	5	26.00	0.398	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#Mid	21.09	5	26.09	0.406	1.000	Pass
			RB50#High	20.91	5	25.91	0.390	1.000	Pass
			RB100#Low	20.98	5	25.98	0.396	1.000	Pass
		16-QAM	RB1#Low	20.7	5	25.70	0.372	1.000	Pass
			RB1#Mid	20.78	5	25.78	0.378	1.000	Pass
			RB1#High	20.7	5	25.70	0.372	1.000	Pass
			RB50#Low	19.87	5	24.87	0.307	1.000	Pass
			RB50#Mid	20.05	5	25.05	0.320	1.000	Pass
			RB50#High	19.9	5	24.90	0.309	1.000	Pass
			RB100#Low	19.89	5	24.89	0.308	1.000	Pass
	HCH	QPSK	RB1#Low	21.79	5	26.79	0.478	1.000	Pass
			RB1#Mid	22.18	5	27.18	0.522	1.000	Pass
			RB1#High	21.9	5	26.90	0.490	1.000	Pass
			RB50#Low	21.06	5	26.06	0.404	1.000	Pass
			RB50#Mid	21.12	5	26.12	0.409	1.000	Pass
			RB50#High	21.04	5	26.04	0.402	1.000	Pass
			RB100#Low	21.2	5	26.20	0.417	1.000	Pass
		16-QAM	RB1#Low	21.05	5	26.05	0.403	1.000	Pass
			RB1#Mid	21.35	5	26.35	0.432	1.000	Pass
			RB1#High	20.75	5	25.75	0.376	1.000	Pass
			RB50#Low	20.18	5	25.18	0.330	1.000	Pass
			RB50#Mid	20.24	5	25.24	0.334	1.000	Pass
			RB50#High	20.1	5	25.10	0.324	1.000	Pass
			RB100#Low	20.19	5	25.19	0.330	1.000	Pass

A.2 Peak to Average Ratio

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

Note 2: Test plots please refer to the document "Annex No.: BL-SH24B0903-501 Data Part 1.pdf".

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	2.95	13	1.1	Pass
				RB100#0	4.5	13	1.2	Pass
			16-QAM	RB1#0	3.7	13	1.3	Pass
				RB100#0	5.25	13	1.4	Pass
		MCH	QPSK	RB1#0	2.44	13	1.5	Pass
				RB100#0	3.94	13	1.6	Pass
			16-QAM	RB1#0	3.56	13	1.7	Pass
				RB100#0	4.73	13	1.8	Pass
		HCH	QPSK	RB1#0	2.91	13	1.9	Pass
				RB100#0	4.36	13	1.10	Pass
			16-QAM	RB1#0	3.8	13	1.11	Pass
				RB100#0	5.11	13	1.12	Pass
LTE Band 4	20 MHz	LCH	QPSK	RB1#0	5.39	13	2.1	Pass
				RB100#0	5.72	13	2.2	Pass
			16-QAM	RB1#0	5.86	13	2.3	Pass
				RB100#0	6.52	13	2.4	Pass
		MCH	QPSK	RB1#0	5.53	13	2.5	Pass
				RB100#0	5.72	13	2.6	Pass
			16-QAM	RB1#0	6.23	13	2.7	Pass
				RB100#0	6.42	13	2.8	Pass
		HCH	QPSK	RB1#0	5.39	13	2.9	Pass
				RB100#0	5.81	13	2.10	Pass
			16-QAM	RB1#0	6.42	13	2.11	Pass
				RB100#0	6.47	13	2.12	Pass
LTE Band 5	10 MHz	LCH	QPSK	RB1#0	5.39	13	3.1	Pass
				RB50#0	5.58	13	3.2	Pass
			16-QAM	RB1#0	6.33	13	3.3	Pass
				RB50#0	6.23	13	3.4	Pass
		MCH	QPSK	RB1#0	4.92	13	3.5	Pass
				RB50#0	5.44	13	3.6	Pass
			16-QAM	RB1#0	5.67	13	3.7	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
				RB50#0	6.23	13	3.8	Pass
		HCH	QPSK	RB1#0	5.16	13	3.9	Pass
				RB50#0	5.58	13	3.10	Pass
			16-QAM	RB1#0	5.81	13	3.11	Pass
				RB50#0	6.37	13	3.12	Pass
LTE Band 7	20 MHz	LCH	QPSK	RB1#0	4.41	13	4.1	Pass
				RB100#0	5.3	13	4.2	Pass
			16-QAM	RB1#0	5.11	13	4.3	Pass
				RB100#0	6.14	13	4.4	Pass
		MCH	QPSK	RB1#0	4.97	13	4.5	Pass
				RB100#0	5.34	13	4.6	Pass
			16-QAM	RB1#0	6	13	4.7	Pass
				RB100#0	6.23	13	4.8	Pass
		HCH	QPSK	RB1#0	4.78	13	4.9	Pass
				RB100#0	5.44	13	4.10	Pass
			16-QAM	RB1#0	5.67	13	4.11	Pass
				RB100#0	6.23	13	4.12	Pass
LTE Band 12	10 MHz	LCH	QPSK	RB1#0	3.56	13	5.1	Pass
				RB50#0	5.11	13	5.2	Pass
			16-QAM	RB1#0	4.36	13	5.3	Pass
				RB50#0	5.95	13	5.4	Pass
		MCH	QPSK	RB1#0	3.47	13	5.5	Pass
				RB50#0	5.25	13	5.6	Pass
			16-QAM	RB1#0	4.41	13	5.7	Pass
				RB50#0	6.09	13	5.8	Pass
		HCH	QPSK	RB1#0	3.56	13	5.9	Pass
				RB50#0	5.11	13	5.10	Pass
			16-QAM	RB1#0	4.5	13	5.11	Pass
				RB50#0	5.95	13	5.12	Pass
LTE Band 13	10 MHz	LCH	QPSK	RB1#0	3.42	13	6.1	Pass
				RB50#0	5.3	13	6.2	Pass
			16-QAM	RB1#0	4.27	13	6.3	Pass
				RB50#0	6.05	13	6.4	Pass
LTE Band 18(Part 22)	5 MHz	LCH	QPSK	RB1#0	4.5	13	7.1	Pass
				RB50#0	5.02	13	7.2	Pass
			16-QAM	RB1#0	5.25	13	7.3	Pass
				RB50#0	5.86	13	7.4	Pass
		MCH	QPSK	RB1#0	4.45	13	7.5	Pass
				RB50#0	5.02	13	7.6	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	5.2	13	7.7	Pass
				RB50#0	5.81	13	7.8	Pass
		HCH	QPSK	RB1#0	4.45	13	7.9	Pass
				RB50#0	5.06	13	7.10	Pass
			16-QAM	RB1#0	5.39	13	7.11	Pass
				RB50#0	5.81	13	7.12	Pass
LTE Band 18(Part 90)	5 MHz	LCH	QPSK	RB1#0	4.31	13	8.1	Pass
				RB50#0	4.97	13	8.2	Pass
			16-QAM	RB1#0	5.11	13	8.3	Pass
				RB50#0	5.81	13	8.4	Pass
		MCH	QPSK	RB1#0	4.31	13	8.5	Pass
				RB50#0	5.02	13	8.6	Pass
			16-QAM	RB1#0	5.25	13	8.7	Pass
				RB50#0	5.86	13	8.8	Pass
		HCH	QPSK	RB1#0	4.41	13	8.9	Pass
				RB50#0	5.06	13	8.10	Pass
			16-QAM	RB1#0	5.2	13	8.11	Pass
				RB50#0	5.86	13	8.12	Pass
LTE Band 19	15 MHz	LCH	QPSK	RB1#0	4.27	13	9.1	Pass
				RB50#0	5.11	13	9.2	Pass
			16-QAM	RB1#0	5.06	13	9.3	Pass
				RB50#0	5.86	13	9.4	Pass
LTE Band 25	20 MHz	LCH	QPSK	RB1#0	4.08	13	10.1	Pass
				RB100#0	5.2	13	10.2	Pass
			16-QAM	RB1#0	4.55	13	10.3	Pass
				RB100#0	6.14	13	10.4	Pass
		MCH	QPSK	RB1#0	2.39	13	10.5	Pass
				RB100#0	4.59	13	10.6	Pass
			16-QAM	RB1#0	3.52	13	10.7	Pass
				RB100#0	5.53	13	10.8	Pass
		HCH	QPSK	RB1#0	3.42	13	10.9	Pass
				RB100#0	4.69	13	10.10	Pass
			16-QAM	RB1#0	4.36	13	10.11	Pass
				RB100#0	5.58	13	10.12	Pass
LTE Band 26(Part 22)	15 MHz	LCH	QPSK	RB1#0	4.41	13	11.1	Pass
				RB75#0	5.16	13	11.2	Pass
			16-QAM	RB1#0	5.2	13	11.3	Pass
				RB75#0	5.91	13	11.4	Pass
		MCH	QPSK	RB1#0	4.22	13	11.5	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
				RB75#0	5.11	13	11.6	Pass
			16-QAM	RB1#0	5.06	13	11.7	Pass
				RB75#0	5.91	13	11.8	Pass
		HCH	QPSK	RB1#0	4.27	13	11.9	Pass
				RB75#0	5.25	13	11.10	Pass
			16-QAM	RB1#0	5.02	13	11.11	Pass
				RB75#0	6	13	11.12	Pass
LTE Band 26(Part 90)	10 MHz	LCH	QPSK	RB1#0	4.17	13	12.1	Pass
				RB50#0	5.02	13	12.2	Pass
			16-QAM	RB1#0	5.02	13	12.3	Pass
				RB50#0	5.81	13	12.4	Pass
LTE Band 38	20 MHz	LCH	QPSK	RB1#0	7.83	13	13.1	Pass
				RB100#0	8.77	13	13.2	Pass
			16-QAM	RB1#0	8.3	13	13.3	Pass
				RB100#0	9.61	13	13.4	Pass
		MCH	QPSK	RB1#0	7.83	13	13.5	Pass
				RB100#0	8.72	13	13.6	Pass
			16-QAM	RB1#0	8.16	13	13.7	Pass
				RB100#0	9.52	13	13.8	Pass
		HCH	QPSK	RB1#0	7.64	13	13.9	Pass
				RB100#0	8.72	13	13.10	Pass
			16-QAM	RB1#0	8.77	13	13.11	Pass
				RB100#0	9.61	13	13.12	Pass
LTE Band 41 (full)	20 MHz	LCH	QPSK	RB1#0	6.56	13	14.1	Pass
				RB100#0	8.44	13	14.2	Pass
			16-QAM	RB1#0	7.12	13	14.3	Pass
				RB100#0	9.23	13	14.4	Pass
		MCH	QPSK	RB1#0	7.5	13	14.5	Pass
				RB100#0	8.58	13	14.6	Pass
			16-QAM	RB1#0	8.58	13	14.7	Pass
				RB100#0	9.42	13	14.8	Pass
		HCH	QPSK	RB1#0	6.23	13	14.9	Pass
				RB100#0	7.64	13	14.10	Pass
			16-QAM	RB1#0	6.75	13	14.11	Pass
				RB100#0	8.53	13	14.12	Pass
LTE Band 66	20 MHz	LCH	QPSK	RB1#0	4.69	13	15.1	Pass
				RB100#0	5.2	13	15.2	Pass
			16-QAM	RB1#0	5.44	13	15.3	Pass
				RB100#0	6	13	15.4	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
		MCH	QPSK	RB1#0	4.78	13	15.5	Pass
				RB100#0	5.16	13	15.6	Pass
			16-QAM	RB1#0	5.77	13	15.7	Pass
				RB100#0	6	13	15.8	Pass
		HCH	QPSK	RB1#0	4.64	13	15.9	Pass
				RB100#0	5.2	13	15.10	Pass
			16-QAM	RB1#0	5.58	13	15.11	Pass
				RB100#0	6	13	15.12	Pass

A.3 Frequency Stability

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	2.64	±4700	Pass
	-20	-3.16		
	-10	-1.71		
	0	3.34		
	+10	1.62		
	+20	3.5		
	+25	-1.72		
	+30	-4.29		
	+40	0.12		
	+50	0.06		
	+60	6.45		
	+70	-2.44		
	+80	0.12		
	+85	0.06		
4.4	+25	-3.79		
3.5	+25	0.73		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-0.17	±4700	Pass
	-20	6.45		
	-10	-1.03		
	0	-2.44		
	+10	-3.05		
	+20	2.8		
	+25	-1.52		
	+30	0.98		
	+40	-1.47		
	+50	2.09		
	+60	-1.03		
	+70	-3.05		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1880 MHz		
		Value(Hz)	Limits (Hz)	
	+80	-1.47		
	+85	2.09		
4.4	+25	4		
3.5	+25	1.12		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	4.74	±4331.25	Pass
	-20	4.38		
	-10	-2.13		
	0	-6.14		
	+10	-4.58		
	+20	-3.06		
	+25	-10.63		
	+30	3.24		
	+40	-5.59		
	+50	6.98		
	+60	7.59		
	+70	-6.8		
	+80	8.15		
	+85	6.72		
4.4	+25	-3.9		
3.5	+25	-10.69		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	2.51	±4331.25	Pass
	-20	-4.83		
	-10	1.45		
	0	-4.3		
	+10	4.9		
	+20	0.11		
	+25	-3.69		
	+30	3.65		
	+40	4.28		
	+50	8.24		
	+60	5.74		
	+70	-8.09		
	+80	7.21		
	+85	-3.89		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1732.5 MHz		
		Value(Hz)	Limits (Hz)	
4.4	+25	-7.91		
3.5	+25	2.43		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-6	±2091.25	Pass
	-20	0.27		
	-10	-2.03		
	0	-2.51		
	+10	-3		
	+20	-3.28		
	+25	1.27		
	+30	-6.16		
	+40	-6.63		
	+50	2.29		
	+60	-5.58		
	+70	-10.52		
	+80	-2.98		
	+85	-7.58		
4.4	+25	1.58		
3.5	+25	-9.78		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-7.15	±2091.25	Pass
	-20	-6.73		
	-10	-5.29		
	0	0.74		
	+10	-5.49		
	+20	-3.29		
	+25	0.8		
	+30	0.79		
	+40	-0.37		
	+50	-6.77		
	+60	-5.55		
	+70	-7.77		
	+80	-9.11		
	+85	-2.31		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
4.4	+25	-6.35		
3.5	+25	-8.51		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	16.65	±6337.5	Pass
	-20	-39.17		
	-10	16.65		
	0	4.08		
	+10	15.96		
	+20	-45.63		
	+25	-2.37		
	+30	0.07		
	+40	4.25		
	+50	-5.5		
	+60	11.39		
	+70	5.82		
	+80	-4.09		
	+85	-8.75		
4.4	+25	-19.93		
3.5	+25	6.55		

LTE Band 7 16-QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	4.25	±6337.5	Pass
	-20	1.39		
	-10	-39.17		
	0	-21.37		
	+10	-22.44		
	+20	-34.82		
	+25	-2.27		
	+30	-20.49		
	+40	1.39		
	+50	-30.43		
	+60	-32.45		
	+70	-41.88		
	+80	-26.83		
	+85	-8.99		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2535 MHz		
		Value(Hz)	Limits (Hz)	
4.4	+25	-12.86		
3.5	+25	-17.67		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-13.22	±1768.75	Pass
	-20	-41.01		
	-10	-40.93		
	0	-21.41		
	+10	9.11		
	+20	-31.65		
	+25	-0.47		
	+30	-13.12		
	+40	8.64		
	+50	-27.4		
	+60	5.62		
	+70	-37.26		
	+80	-20.97		
	+85	6.31		
4.4	+25	-30.67		
3.5	+25	5.92		

LTE Band 12 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-33.47	±1768.75	Pass
	-20	-11.53		
	-10	-10.52		
	0	-11.8		
	+10	-7.71		
	+20	-15.07		
	+25	-0.31		
	+30	-20.29		
	+40	-6.39		
	+50	-46.08		
	+60	-17.27		
	+70	-15.66		
	+80	-32.15		
	+85	-9.54		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 707.5 MHz		
		Value(Hz)	Limits (Hz)	
4.4	+25	-17.58		
3.5	+25	-21.1		

LTE Band 13 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value (Hz)	Limits (Hz)	
4.0	-30	1.92	±1955	Pass
	-20	-31.17		
	-10	3.09		
	0	-33.33		
	+10	-40.77		
	+20	-1.77		
	+25	0		
	+30	-2.87		
	+40	-0.2		
	+50	1.64		
	+60	-7.41		
	+70	-1.61		
	+80	-1.41		
	+85	-10.11		
4.4	+25	-5.5		
3.5	+25	5.16		

LTE Band 13 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value (Hz)	Limits (Hz)	
4.0	-30	-13.32	±1955	Pass
	-20	10.89		
	-10	-29.57		
	0	-6.87		
	+10	-34.59		
	+20	1.16		
	+25	0		
	+30	1.78		
	+40	0.75		
	+50	1.64		
	+60	-7.5		
	+70	0.44		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value (Hz)	Limits (Hz)	
	+80	3.37		
	+85	-0.36		
4.4	+25	-4.95		
3.5	+25	-8.36		

LTE Band 18(Part 22) QPSK 5 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 827 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-42.13	±2067.5	Pass
	-20	-22.45		
	-10	31.72		
	0	-41.82		
	+10	21.99		
	+20	-1.64		
	+25	0.03		
	+30	-16.42		
	+40	28.66		
	+50	3.47		
	+60	19.81		
	+70	-17.04		
	+80	-18.24		
	+85	8		
4.4	+25	2.45		
3.5	+25	3.45		

LTE Band 18 (Part 22) 16QAM 5 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 827 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-19.26	±2067.5	Pass
	-20	-32.36		
	-10	-17.83		
	0	-48.61		
	+10	-4.13		
	+20	-4.92		
	+25	0.16		
	+30	-40.87		
	+40	-24.63		
	+50	-22.41		
	+60	-6.04		
	+70	-13.82		
	+80	-45.29		
	+85	7.91		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 827 MHz		
		Value(Hz)	Limits (Hz)	
4.4	+25	-1.54		
3.5	+25	-3.45		

LTE Band 18(Part 90) QPSK 5 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819.5 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-4.29	±2048.75	Pass
	-20	-1.46		
	-10	-2.73		
	0	0.5		
	+10	-4.41		
	+20	0.07		
	+25	0.56		
	+30	-0.14		
	+40	-0.93		
	+50	-6.19		
	+60	1.59		
	+70	-2.88		
	+80	-0.83		
	+85	-2.15		
4.4	+25	-2.37		
3.5	+25	-1.23		

LTE Band 18 (Part 22) 16QAM 5 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819.5 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-5.82	±2048.75	Pass
	-20	-3.62		
	-10	-1.3		
	0	0.54		
	+10	-3.96		
	+20	-1.43		
	+25	1.89		
	+30	-0.16		
	+40	-1.62		
	+50	2.32		
	+60	-1.69		
	+70	-0.06		
	+80	-2.68		
	+85	-1.22		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819.5 MHz		
		Value(Hz)	Limits (Hz)	
4.4	+25	-3.36		
3.5	+25	-2.36		

LTE Band 19 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 837.5 MHz		
		Value (Hz)	Limits (Hz)	
4.0	-30	-18.21	±2093.755	Pass
	-20	10.76		
	-10	1.13		
	0	3.58		
	+10	-5.77		
	+20	-18.18		
	+25	0.83		
	+30	8.31		
	+40	-22.96		
	+50	-1.83		
	+60	-20.39		
	+70	-11.78		
	+80	7.43		
	+85	-26.36		
4.4	+25	-3.5		
3.5	+25	-22.01		

LTE Band 19 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 837.5 MHz		
		Value (Hz)	Limits (Hz)	
4.0	-30	-17.75	±2093.755	Pass
	-20	5.82		
	-10	-1.24		
	0	-3.95		
	+10	-7.37		
	+20	-17.06		
	+25	0.53		
	+30	-7.67		
	+40	-36.34		
	+50	-3.91		
	+60	-35.15		
	+70	-21.15		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 837.5 MHz		
		Value (Hz)	Limits (Hz)	
	+80	-9.28		
	+85	-39.64		
4.4	+25	-5.63		
3.5	+25	-37.5		

LTE Band 25 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1882.5 MHz		
		Value (Hz)	Limits (Hz)	
4.0	-30	1.59	±4706.25	Pass
	-20	-13.81		
	-10	13.1		
	0	-30.81		
	+10	-31.12		
	+20	2.29		
	+25	2.05		
	+30	-14.96		
	+40	12.63		
	+50	-32.2		
	+60	-32.54		
	+70	11.15		
	+80	0.79		
	+85	13.28		
4.4	+25	-7.17		
3.5	+25	-16.43		

LTE Band 25 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1882.5 MHz		
		Value (Hz)	Limits (Hz)	
4.0	-30	-5.14	±4706.25	Pass
	-20	-18.98		
	-10	-25.28		
	0	-34.49		
	+10	-32.5		
	+20	-5.82		
	+25	1.96		
	+30	-20.06		
	+40	-24.88		
	+50	-34.68		
	+60	-32.33		
	+70	6.37		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 1882.5 MHz		
		Value (Hz)	Limits (Hz)	
	+80	-1.19		
	+85	-5.04		
4.4	+25	-8.76		
3.5	+25	-17.16		

LTE Band 26 (Part22) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	10.14	±2091.25	Pass
	-20	0.25		
	-10	13.4		
	0	-7.96		
	+10	-16.84		
	+20	42.76		
	+25	1.57		
	+30	52.5		
	+40	7.68		
	+50	7.7		
	+60	40.27		
	+70	48.88		
	+80	20.13		
	+85	13.06		
4.4	+25	16.93		
3.5	+25	40.39		

LTE Band 26 (Part22) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	5.78	±2091.25	Pass
	-20	-1.94		
	-10	-5.06		
	0	-9.4		
	+10	-16.74		
	+20	24.44		
	+25	0.03		
	+30	46.1		
	+40	31.96		
	+50	0.65		
	+60	1.82		
	+70	30.08		
	+80	10.95		
	+85	37.9		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 836.5 MHz		
		Value(Hz)	Limits (Hz)	
4.4	+25	7.67		
3.5	+25	6.8		

LTE Band 26 (Part90) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	2.96	±2047.5	Pass
	-20	-4.03		
	-10	-0.54		
	0	-3.26		
	+10	-1.67		
	+20	-0.09		
	+25	0.99		
	+30	-3.08		
	+40	-1.32		
	+50	0.47		
	+60	-1.46		
	+70	-5.94		
	+80	-7.07		
	+85	-6.29		
4.4	+25	-2.85		
3.5	+25	-1.67		

LTE Band 26 (Part90) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-1.87	±2047.5	Pass
	-20	-0.07		
	-10	-1.12		
	0	-1.3		
	+10	-0.19		
	+20	-1.06		
	+25	0.11		
	+30	-3.76		
	+40	-5.88		
	+50	-4.58		
	+60	-2.69		
	+70	-4.73		
	+80	-4.31		
	+85	-2.63		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value(Hz)	Limits (Hz)	
4.4	+25	-3.42		
3.5	+25	-1.34		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	15.48	±6487.5	Pass
	-20	23.27		
	-10	10.94		
	0	8.78		
	+10	11.54		
	+20	26.41		
	+25	-1.03		
	+30	24.1		
	+40	18.01		
	+50	11.07		
	+60	13.94		
	+70	8.67		
	+80	-15.91		
	+85	3.73		
4.4	+25	-20.69		
3.5	+25	-38.18		

LTE Band 38 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	33.57	±6487.5	Pass
	-20	14.12		
	-10	9.59		
	0	18.08		
	+10	7.64		
	+20	35.59		
	+25	-1.12		
	+30	17.91		
	+40	13.92		
	+50	20.05		
	+60	8.42		
	+70	-3.19		
	+80	-19.28		
	+85	-15.24		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2595 MHz		
		Value(Hz)	Limits (Hz)	
4.4	+25	0.21		
3.5	+25	-31.89		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-2.42	±6482.5	Pass
	-20	-3.16		
	-10	-2.89		
	0	-1.92		
	+10	-1.46		
	+20	-2.57		
	+25	2.63		
	+30	-3		
	+40	-2.74		
	+50	-2.19		
	+60	-2.47		
	+70	-1.5		
	+80	-3.67		
	+85	-2.53		
4.4	+25	0.27		
3.5	+25	-6.93		

LTE Band 41 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-1.72	±6482.5	Pass
	-20	-1.96		
	-10	-2.86		
	0	-1.35		
	+10	-1.53		
	+20	-1.57		
	+25	4.16		

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2593 MHz		
		Value(Hz)	Limits (Hz)	
	+30	-2.48		
	+40	-1.57		
	+50	-2.46		
	+60	-2.49		
	+70	-0.91		
	+80	-2.22		
	+85	-3.17		
4.4	+25	-6.6		
3.5	+25	1.11		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-5.98	±4362.5	Pass
	-20	-3.36		
	-10	-2.17		
	0	-3.03		
	+10	-0.59		
	+20	-3.05		
	+25	-4.43		
	+30	-1.97		
	+40	-5.31		
	+50	-5.56		
	+60	-5.05		
	+70	-5.01		
	+80	-3.88		
	+85	-4.49		
4.4	+25	-4.49		
3.5	+25	-5.79		

LTE Band 66 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH MHz		
		Value(Hz)	Limits (Hz)	
4.0	-30	-5.72	±4362.5	Pass
	-20	-3.78		
	-10	-2.13		
	0	-1.46		
	+10	-1.92		
	+20	-1.62		
	+25	-3.48		
	+30	-3.13		
	+40	-3.25		
	+50	-4.89		
	+60	-8.21		
	+70	-3.65		
	+80	-6.87		
	+85	-3.79		
4.4	+25	-3.79		
3.5	+25	-5.95		

A.4 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-SH24B0903-501 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.

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	1.1	Pass
			16-QAM	RB1#0	1.2	Pass
		MCH	QPSK	RB1#0	1.3	Pass
			16-QAM	RB1#0	1.4	Pass
		HCH	QPSK	RB1#0	1.5	Pass
			16-QAM	RB1#0	1.6	Pass
	3 MHz	LCH	QPSK	RB1#0	1.7	Pass
			16-QAM	RB1#0	1.8	Pass
		MCH	QPSK	RB1#0	1.9	Pass
			16-QAM	RB1#0	1.10	Pass
		HCH	QPSK	RB1#0	1.11	Pass
			16-QAM	RB1#0	1.12	Pass
	5 MHz	LCH	QPSK	RB1#0	1.13	Pass
			16-QAM	RB1#0	1.14	Pass
		MCH	QPSK	RB1#0	1.15	Pass
			16-QAM	RB1#0	1.16	Pass
		HCH	QPSK	RB1#0	1.17	Pass
			16-QAM	RB1#0	1.18	Pass
	10 MHz	LCH	QPSK	RB1#0	1.19	Pass
			16-QAM	RB1#0	1.20	Pass
		MCH	QPSK	RB1#0	1.21	Pass
			16-QAM	RB1#0	1.22	Pass
		HCH	QPSK	RB1#0	1.23	Pass
			16-QAM	RB1#0	1.24	Pass
	15 MHz	LCH	QPSK	RB1#0	1.25	Pass
			16-QAM	RB1#0	1.26	Pass
		MCH	QPSK	RB1#0	1.27	Pass
			16-QAM	RB1#0	1.28	Pass
		HCH	QPSK	RB1#0	1.29	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
			16-QAM	RB1#0	1.30	Pass
	20 MHz	LCH	QPSK	RB1#0	1.31	Pass
			16-QAM	RB1#0	1.32	Pass
		MCH	QPSK	RB1#0	1.33	Pass
			16-QAM	RB1#0	1.34	Pass
		HCH	QPSK	RB1#0	1.35	Pass
			16-QAM	RB1#0	1.36	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	2.1	Pass
			16-QAM	RB1#0	2.2	Pass
		MCH	QPSK	RB1#0	2.3	Pass
			16-QAM	RB1#0	2.4	Pass
		HCH	QPSK	RB1#0	2.5	Pass
			16-QAM	RB1#0	2.6	Pass
	3 MHz	LCH	QPSK	RB1#0	2.7	Pass
			16-QAM	RB1#0	2.8	Pass
		MCH	QPSK	RB1#0	2.9	Pass
			16-QAM	RB1#0	2.10	Pass
		HCH	QPSK	RB1#0	2.11	Pass
			16-QAM	RB1#0	2.12	Pass
	5 MHz	LCH	QPSK	RB1#0	2.13	Pass
			16-QAM	RB1#0	2.14	Pass
		MCH	QPSK	RB1#0	2.15	Pass
			16-QAM	RB1#0	2.16	Pass
		HCH	QPSK	RB1#0	2.17	Pass
			16-QAM	RB1#0	2.18	Pass
	10 MHz	LCH	QPSK	RB1#0	2.19	Pass
			16-QAM	RB1#0	2.20	Pass
		MCH	QPSK	RB1#0	2.21	Pass
			16-QAM	RB1#0	2.22	Pass
		HCH	QPSK	RB1#0	2.23	Pass
			16-QAM	RB1#0	2.24	Pass
	15 MHz	LCH	QPSK	RB1#0	2.25	Pass
			16-QAM	RB1#0	2.26	Pass
		MCH	QPSK	RB1#0	2.27	Pass
			16-QAM	RB1#0	2.28	Pass
		HCH	QPSK	RB1#0	2.29	Pass
			16-QAM	RB1#0	2.30	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
	20 MHz	LCH	QPSK	RB1#0	2.31	Pass
			16-QAM	RB1#0	2.32	Pass
		MCH	QPSK	RB1#0	2.33	Pass
			16-QAM	RB1#0	2.34	Pass
		HCH	QPSK	RB1#0	2.35	Pass
			16-QAM	RB1#0	2.36	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	3.1	Pass
			16-QAM	RB1#0	3.2	Pass
		MCH	QPSK	RB1#0	3.3	Pass
			16-QAM	RB1#0	3.4	Pass
		HCH	QPSK	RB1#0	3.5	Pass
			16-QAM	RB1#0	3.6	Pass
	3 MHz	LCH	QPSK	RB1#0	3.7	Pass
			16-QAM	RB1#0	3.8	Pass
		MCH	QPSK	RB1#0	3.9	Pass
			16-QAM	RB1#0	3.10	Pass
		HCH	QPSK	RB1#0	3.11	Pass
			16-QAM	RB1#0	3.12	Pass
	5 MHz	LCH	QPSK	RB1#0	3.13	Pass
			16-QAM	RB1#0	3.14	Pass
		MCH	QPSK	RB1#0	3.15	Pass
			16-QAM	RB1#0	3.16	Pass
		HCH	QPSK	RB1#0	3.17	Pass
			16-QAM	RB1#0	3.18	Pass
	10 MHz	LCH	QPSK	RB1#0	3.19	Pass
			16-QAM	RB1#0	3.20	Pass
		MCH	QPSK	RB1#0	3.21	Pass
			16-QAM	RB1#0	3.22	Pass
		HCH	QPSK	RB1#0	3.23	Pass
			16-QAM	RB1#0	3.24	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	4.1	Pass
			16-QAM	RB1#0	4.2	Pass
		MCH	QPSK	RB1#0	4.3	Pass
			16-QAM	RB1#0	4.4	Pass
		HCH	QPSK	RB1#0	4.5	Pass
			16-QAM	RB1#0	4.6	Pass
	10 MHz	LCH	QPSK	RB1#0	4.7	Pass
			16-QAM	RB1#0	4.8	Pass
		MCH	QPSK	RB1#0	4.9	Pass
			16-QAM	RB1#0	4.10	Pass
		HCH	QPSK	RB1#0	4.11	Pass
			16-QAM	RB1#0	4.12	Pass
	15 MHz	LCH	QPSK	RB1#0	4.13	Pass
			16-QAM	RB1#0	4.14	Pass
		MCH	QPSK	RB1#0	4.15	Pass
			16-QAM	RB1#0	4.16	Pass
		HCH	QPSK	RB1#0	4.17	Pass
			16-QAM	RB1#0	4.18	Pass
	20 MHz	LCH	QPSK	RB1#0	4.19	Pass
			16-QAM	RB1#0	4.20	Pass
		MCH	QPSK	RB1#0	4.21	Pass
			16-QAM	RB1#0	4.22	Pass
		HCH	QPSK	RB1#0	4.23	Pass
			16-QAM	RB1#0	4.24	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	5.1	Pass
			16-QAM	RB1#0	5.2	Pass
		MCH	QPSK	RB1#0	5.3	Pass
			16-QAM	RB1#0	5.4	Pass
		HCH	QPSK	RB1#0	5.5	Pass
			16-QAM	RB1#0	5.6	Pass
	3 MHz	LCH	QPSK	RB1#0	5.7	Pass
			16-QAM	RB1#0	5.8	Pass
		MCH	QPSK	RB1#0	5.9	Pass
			16-QAM	RB1#0	5.10	Pass
		HCH	QPSK	RB1#0	5.11	Pass
			16-QAM	RB1#0	5.12	Pass
	5 MHz	LCH	QPSK	RB1#0	5.13	Pass
			16-QAM	RB1#0	5.14	Pass
		MCH	QPSK	RB1#0	5.15	Pass
			16-QAM	RB1#0	5.16	Pass
		HCH	QPSK	RB1#0	5.17	Pass
			16-QAM	RB1#0	5.18	Pass
	10 MHz	LCH	QPSK	RB1#0	5.19	Pass
			16-QAM	RB1#0	5.20	Pass
		MCH	QPSK	RB1#0	5.21	Pass
			16-QAM	RB1#0	5.22	Pass
		HCH	QPSK	RB1#0	5.23	Pass
			16-QAM	RB1#0	5.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note2]	Verdict
Band 13	5 MHz	LCH	QPSK	RB1#Low	6.1	Pass
			16-QAM	RB1#Low	6.2	Pass
		MCH	QPSK	RB1#Low	6.3	Pass
			16-QAM	RB1#Low	6.4	Pass
		HCH	QPSK	RB1#Low	6.5	Pass
			16-QAM	RB1#Low	6.6	Pass
	10 MHz	LCH	QPSK	RB1#Low	6.7	Pass
			16-QAM	RB1#Low	6.8	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 18(Part 22)	5 MHz	LCH	QPSK	RB1#0	7.1	Pass
			16-QAM	RB1#0	7.2	Pass
		MCH	QPSK	RB1#0	7.3	Pass
			16-QAM	RB1#0	7.4	Pass
		HCH	QPSK	RB1#0	7.5	Pass
			16-QAM	RB1#0	7.6	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 18(Part 90)	5 MHz	LCH	QPSK	RB1#0	8.1	Pass
			16-QAM	RB1#0	8.2	Pass
		MCH	QPSK	RB1#0	8.3	Pass
			16-QAM	RB1#0	8.4	Pass
		HCH	QPSK	RB1#0	8.5	Pass
			16-QAM	RB1#0	8.6	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 19	5 MHz	LCH	QPSK	RB1#0	9.1	Pass
			16-QAM	RB1#0	9.2	Pass
		MCH	QPSK	RB1#0	9.3	Pass
			16-QAM	RB1#0	9.4	Pass
		HCH	QPSK	RB1#0	9.5	Pass
			16-QAM	RB1#0	9.6	Pass
	10 MHz	LCH	QPSK	RB1#0	9.7	Pass
			16-QAM	RB1#0	9.8	Pass
		MCH	QPSK	RB1#0	9.9	Pass
			16-QAM	RB1#0	9.10	Pass
		HCH	QPSK	RB1#0	9.11	Pass
			16-QAM	RB1#0	9.12	Pass
	15 MHz	LCH	QPSK	RB1#0	9.13	Pass
			16-QAM	RB1#0	9.14	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note2]	Verdict
Band 25	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
LTE Band 26(Part 22)	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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
LTE Band 26(Part 90)	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

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	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 41(full)	5 MHz	LCH	QPSK	RB1#0	14.1	Pass
			16-QAM	RB1#0	14.2	Pass
		MCH	QPSK	RB1#0	14.3	Pass
			16-QAM	RB1#0	14.4	Pass
		HCH	QPSK	RB1#0	14.5	Pass
			16-QAM	RB1#0	14.6	Pass
	10 MHz	LCH	QPSK	RB1#0	14.7	Pass
			16-QAM	RB1#0	14.8	Pass
		MCH	QPSK	RB1#0	14.9	Pass
			16-QAM	RB1#0	14.10	Pass
		HCH	QPSK	RB1#0	14.11	Pass
			16-QAM	RB1#0	14.12	Pass
	15 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
	20 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 66	1.4 MHz	LCH	QPSK	RB1#0	15.1	Pass
			16-QAM	RB1#0	15.2	Pass
		MCH	QPSK	RB1#0	15.3	Pass
			16-QAM	RB1#0	15.4	Pass
		HCH	QPSK	RB1#0	15.5	Pass
			16-QAM	RB1#0	15.6	Pass
	3 MHz	LCH	QPSK	RB1#0	15.7	Pass
			16-QAM	RB1#0	15.8	Pass
		MCH	QPSK	RB1#0	15.9	Pass
			16-QAM	RB1#0	15.10	Pass
		HCH	QPSK	RB1#0	15.11	Pass
			16-QAM	RB1#0	15.12	Pass
	5 MHz	LCH	QPSK	RB1#0	15.13	Pass
			16-QAM	RB1#0	15.14	Pass
		MCH	QPSK	RB1#0	15.15	Pass
			16-QAM	RB1#0	15.16	Pass
		HCH	QPSK	RB1#0	15.17	Pass
			16-QAM	RB1#0	15.18	Pass
	10 MHz	LCH	QPSK	RB1#0	15.19	Pass
			16-QAM	RB1#0	15.20	Pass
		MCH	QPSK	RB1#0	15.21	Pass
			16-QAM	RB1#0	15.22	Pass
		HCH	QPSK	RB1#0	15.23	Pass
			16-QAM	RB1#0	15.24	Pass
	15 MHz	LCH	QPSK	RB1#0	15.25	Pass
			16-QAM	RB1#0	15.26	Pass
		MCH	QPSK	RB1#0	15.27	Pass
			16-QAM	RB1#0	15.28	Pass
		HCH	QPSK	RB1#0	15.29	Pass
			16-QAM	RB1#0	15.30	Pass
	20 MHz	LCH	QPSK	RB1#0	15.31	Pass
			16-QAM	RB1#0	15.32	Pass
		MCH	QPSK	RB1#0	15.33	Pass
			16-QAM	RB1#0	15.34	Pass
		HCH	QPSK	RB1#0	15.35	Pass
			16-QAM	RB1#0	15.36	Pass

A.5 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-SH24B0903-501 Data Part 2.pdf”.

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	1.31	1.1
			16-QAM	RB6#0	1.095	1.299	1.2
		MCH	QPSK	RB6#0	1.092	1.4	1.3
			16-QAM	RB6#0	1.088	1.336	1.4
		HCH	QPSK	RB6#0	1.091	1.286	1.5
			16-QAM	RB6#0	1.091	1.308	1.6
	3 MHz	LCH	QPSK	RB15#0	2.699	2.987	1.7
			16-QAM	RB15#0	2.698	2.993	1.8
		MCH	QPSK	RB15#0	2.705	3.026	1.9
			16-QAM	RB15#0	2.697	2.99	1.10
		HCH	QPSK	RB15#0	2.697	2.984	1.11
			16-QAM	RB15#0	2.695	2.99	1.12
	5 MHz	LCH	QPSK	RB25#0	4.496	4.975	1.13
			16-QAM	RB25#0	4.488	4.946	1.14
		MCH	QPSK	RB25#0	4.491	5.02	1.15
			16-QAM	RB25#0	4.505	5.006	1.16
		HCH	QPSK	RB25#0	4.479	4.996	1.17
			16-QAM	RB25#0	4.494	5.003	1.18
	10 MHz	LCH	QPSK	RB50#0	8.969	9.96	1.19
			16-QAM	RB50#0	8.975	9.863	1.20
		MCH	QPSK	RB50#0	8.917	9.852	1.21
			16-QAM	RB50#0	8.91	9.79	1.22
		HCH	QPSK	RB50#0	8.92	9.746	1.23
			16-QAM	RB50#0	8.9	9.805	1.24
	15 MHz	LCH	QPSK	RB75#0	13.432	14.803	1.25
			16-QAM	RB75#0	13.438	14.69	1.26
		MCH	QPSK	RB75#0	13.295	14.621	1.27
			16-QAM	RB75#0	13.323	14.603	1.28
		HCH	QPSK	RB75#0	13.307	14.645	1.29
			16-QAM	RB75#0	13.332	14.596	1.30
	20 MHz	LCH	QPSK	RB100#0	17.943	19.477	1.31
			16-QAM	RB100#0	17.994	19.567	1.32
		MCH	QPSK	RB100#0	17.759	19.253	1.33

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]
			16-QAM	RB100#0	17.722	19.374	1.34
		HCH	QPSK	RB100#0	17.824	19.384	1.35
			16-QAM	RB100#0	17.786	19.326	1.36

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 4	1.4 MHz	LCH	QPSK	RB6#0	1.084	1.289	2.1
			16-QAM	RB6#0	1.088	1.289	2.2
		MCH	QPSK	RB6#0	1.088	1.293	2.3
			16-QAM	RB6#0	1.084	1.262	2.4
		HCH	QPSK	RB6#0	1.089	1.268	2.5
			16-QAM	RB6#0	1.086	1.273	2.6
	3 MHz	LCH	QPSK	RB15#0	2.689	2.915	2.7
			16-QAM	RB15#0	2.682	2.927	2.8
		MCH	QPSK	RB15#0	2.685	2.911	2.9
			16-QAM	RB15#0	2.683	2.913	2.10
		HCH	QPSK	RB15#0	2.697	2.912	2.11
			16-QAM	RB15#0	2.684	3.017	2.12
	5 MHz	LCH	QPSK	RB25#0	4.497	4.919	2.13
			16-QAM	RB25#0	4.483	4.903	2.14
		MCH	QPSK	RB25#0	4.491	4.882	2.15
			16-QAM	RB25#0	4.495	5.332	2.16
		HCH	QPSK	RB25#0	4.486	4.88	2.17
			16-QAM	RB25#0	4.493	4.955	2.18
	10 MHz	LCH	QPSK	RB50#0	8.979	9.78	2.19
			16-QAM	RB50#0	8.974	9.71	2.20
		MCH	QPSK	RB50#0	8.952	9.741	2.21
			16-QAM	RB50#0	8.953	9.764	2.22
		HCH	QPSK	RB50#0	8.978	9.745	2.23
			16-QAM	RB50#0	8.961	9.784	2.24
	15 MHz	LCH	QPSK	RB75#0	13.471	14.64	2.25
			16-QAM	RB75#0	13.45	14.623	2.26
		MCH	QPSK	RB75#0	13.408	14.618	2.27
			16-QAM	RB75#0	13.463	14.571	2.28

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]
		HCH	QPSK	RB75#0	13.455	14.641	2.29
			16-QAM	RB75#0	13.46	14.612	2.30
	20 MHz	LCH	QPSK	RB100#0	17.903	19.279	2.31
			16-QAM	RB100#0	17.894	19.887	2.32
		MCH	QPSK	RB100#0	17.896	19.314	2.33
			16-QAM	RB100#0	17.88	19.418	2.34
		HCH	QPSK	RB100#0	17.937	19.475	2.35
			16-QAM	RB100#0	17.944	19.345	2.36

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	1.087	1.283	3.1
			16-QAM	RB6#0	1.092	1.289	3.2
		MCH	QPSK	RB6#0	1.089	1.291	3.3
			16-QAM	RB6#0	1.086	1.272	3.4
		HCH	QPSK	RB6#0	1.095	1.271	3.5
			16-QAM	RB6#0	1.092	1.275	3.6
	3 MHz	LCH	QPSK	RB15#0	2.699	2.984	3.7
			16-QAM	RB15#0	2.699	2.996	3.8
		MCH	QPSK	RB15#0	2.695	2.984	3.9
			16-QAM	RB15#0	2.693	2.99	3.10
		HCH	QPSK	RB15#0	2.697	2.987	3.11
			16-QAM	RB15#0	2.69	2.993	3.12
	5 MHz	LCH	QPSK	RB25#0	4.508	5.006	3.13
			16-QAM	RB25#0	4.491	4.978	3.14
		MCH	QPSK	RB25#0	4.482	4.982	3.15
			16-QAM	RB25#0	4.489	5.012	3.16
		HCH	QPSK	RB25#0	4.482	4.962	3.17
			16-QAM	RB25#0	4.494	5.012	3.18
	10 MHz	LCH	QPSK	RB50#0	4.494	5.012	3.19
			16-QAM	RB50#0	8.976	9.865	3.20
		MCH	QPSK	RB50#0	8.923	9.84	3.21
			16-QAM	RB50#0	8.934	9.8	3.22
		HCH	QPSK	RB50#0	8.969	9.911	3.23
			16-QAM	RB50#0	8.963	9.918	3.24

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	4.497	4.977	4.1
			16-QAM	RB25#0	4.488	4.94	4.2
		MCH	QPSK	RB25#0	4.487	4.972	4.3
			16-QAM	RB25#0	4.501	4.996	4.4
		HCH	QPSK	RB25#0	4.486	4.99	4.5
			16-QAM	RB25#0	4.496	5.009	4.6
	10 MHz	LCH	QPSK	RB50#0	8.94	9.88	4.7
			16-QAM	RB50#0	8.954	9.821	4.8
		MCH	QPSK	RB50#0	8.934	9.851	4.9
			16-QAM	RB50#0	8.943	9.788	4.10
		HCH	QPSK	RB50#0	8.955	9.896	4.11
			16-QAM	RB50#0	8.956	9.906	4.12
	15 MHz	LCH	QPSK	RB75#0	13.393	14.65	4.13
			16-QAM	RB75#0	13.426	14.664	4.14
		MCH	QPSK	RB75#0	13.381	14.694	4.15
			16-QAM	RB75#0	13.401	14.691	4.16
		HCH	QPSK	RB75#0	13.398	14.641	4.17
			16-QAM	RB75#0	13.418	14.71	4.18
	20 MHz	LCH	QPSK	RB100#0	17.851	19.31	4.19
			16-QAM	RB100#0	17.827	19.388	4.20
		MCH	QPSK	RB100#0	17.844	19.442	4.21
			16-QAM	RB100#0	17.888	19.448	4.22
		HCH	QPSK	RB100#0	17.882	19.614	4.23
			16-QAM	RB100#0	17.849	19.512	4.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 12	1.4 MHz	LCH	QPSK	RB6#0	1.086	1.291	5.1
			16-QAM	RB6#0	1.092	1.303	5.2
		MCH	QPSK	RB6#0	1.088	1.284	5.3
			16-QAM	RB6#0	1.086	1.275	5.4
		HCH	QPSK	RB6#0	1.092	1.268	5.5
			16-QAM	RB6#0	1.086	1.278	5.6
	3 MHz	LCH	QPSK	RB15#0	2.698	2.978	5.7
			16-QAM	RB15#0	2.7	2.99	5.8
		MCH	QPSK	RB15#0	2.694	2.983	5.9
			16-QAM	RB15#0	2.696	2.991	5.10
		HCH	QPSK	RB15#0	2.697	2.976	5.11
			16-QAM	RB15#0	2.693	2.978	5.12
	5 MHz	LCH	QPSK	RB25#0	4.494	5.009	5.13
			16-QAM	RB25#0	4.484	4.965	5.14
		MCH	QPSK	RB25#0	4.486	4.985	5.15
			16-QAM	RB25#0	4.498	4.998	5.16
		HCH	QPSK	RB25#0	4.477	4.919	5.17
			16-QAM	RB25#0	4.483	4.992	5.18
	10 MHz	LCH	QPSK	RB50#0	8.948	9.875	5.19
			16-QAM	RB50#0	8.935	9.829	5.20
		MCH	QPSK	RB50#0	8.963	9.906	5.21
			16-QAM	RB50#0	8.969	9.924	5.22
		HCH	QPSK	RB50#0	8.928	9.866	5.23
			16-QAM	RB50#0	8.931	9.855	5.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 13	5 MHz	LCH	QPSK	RB25#Low	4.488	4.995	6.1
			16-QAM	RB25#Low	4.486	4.946	6.2
		MCH	QPSK	RB25#Low	4.492	4.997	6.3
			16-QAM	RB25#Low	4.501	5.012	6.4
		HCH	QPSK	RB25#Low	4.486	4.979	6.5
			16-QAM	RB25#Low	4.497	5.007	6.6
	10 MHz	MCH	QPSK	RB50#Low	8.978	9.999	6.7
			16-QAM	RB50#Low	8.965	9.875	6.8

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 18(815-824MHz)	5 MHz	LCH	QPSK	RB25#0	4.489	4.992	7.1
			16-QAM	RB25#0	4.5	5.005	7.2
		MCH	QPSK	RB25#0	4.484	4.965	7.3
			16-QAM	RB25#0	4.5	5.005	7.4
		HCH	QPSK	RB25#0	4.498	4.982	7.5
			16-QAM	RB25#0	4.487	4.956	7.6

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 18(824-830MHz)	5 MHz	LCH	QPSK	RB25#0	4.484	4.955	8.1
			16-QAM	RB25#0	4.489	4.989	8.2
		MCH	QPSK	RB25#0	4.494	4.981	8.3
			16-QAM	RB25#0	4.479	4.963	8.4
		HCH	QPSK	RB25#0	4.485	4.971	8.5
			16-QAM	RB25#0	4.496	4.986	8.6

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 19	5 MHz	LCH	QPSK	RB25#0	4.495	4.99	9.1
			16-QAM	RB25#0	4.485	4.97	9.2
		MCH	QPSK	RB25#0	4.478	5.003	9.3
			16-QAM	RB25#0	4.497	5.01	9.4
		HCH	QPSK	RB25#0	4.487	4.979	9.5
			16-QAM	RB25#0	4.496	5.009	9.6
	10 MHz	LCH	QPSK	RB50#0	8.945	9.888	9.7
			16-QAM	RB50#0	8.93	9.828	9.8
		MCH	QPSK	RB50#0	8.912	9.768	9.9
			16-QAM	RB50#0	8.935	9.806	9.10
		HCH	QPSK	RB50#0	8.951	9.883	9.11
			16-QAM	RB50#0	8.941	9.866	9.12
	15 MHz	MCH	QPSK	RB75#0	13.362	14.764	9.13
			16-QAM	RB75#0	13.381	14.668	9.14

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 25	1.4 MHz	LCH	QPSK	RB6#0	1.087	1.277	10.1
			16-QAM	RB6#0	1.092	1.298	10.2
		MCH	QPSK	RB6#0	1.09	1.3	10.3
			16-QAM	RB6#0	1.086	1.283	10.4
		HCH	QPSK	RB6#0	1.099	1.355	10.5
			16-QAM	RB6#0	1.096	1.483	10.6
	3 MHz	LCH	QPSK	RB15#0	2.698	2.973	10.7
			16-QAM	RB15#0	2.698	2.965	10.8
		MCH	QPSK	RB15#0	2.704	3.009	10.9
			16-QAM	RB15#0	2.696	2.994	10.10
		HCH	QPSK	RB15#0	2.713	3.007	10.11
			16-QAM	RB15#0	2.704	3.023	10.12
	5 MHz	LCH	QPSK	RB25#0	4.499	4.996	10.13
			16-QAM	RB25#0	4.491	4.941	10.14
		MCH	QPSK	RB25#0	4.49	4.984	10.15
			16-QAM	RB25#0	4.496	4.981	10.16
		HCH	QPSK	RB25#0	4.497	5.029	10.17
			16-QAM	RB25#0	4.514	5.043	10.18
	10 MHz	LCH	QPSK	RB50#0	8.971	9.886	10.19
			16-QAM	RB50#0	8.961	9.887	10.20
		MCH	QPSK	RB50#0	8.929	9.818	10.21
			16-QAM	RB50#0	8.929	9.81	10.22
		HCH	QPSK	RB50#0	8.96	9.836	10.23
			16-QAM	RB50#0	8.963	9.856	10.24
	15 MHz	LCH	QPSK	RB75#0	13.455	14.807	10.25
			16-QAM	RB75#0	13.421	14.727	10.26
		MCH	QPSK	RB75#0	13.32	14.522	10.27
			16-QAM	RB75#0	13.352	14.563	10.28
		HCH	QPSK	RB75#0	13.305	14.455	10.29
			16-QAM	RB75#0	13.356	14.54	10.30
	20 MHz	LCH	QPSK	RB100#0	17.966	19.448	10.31
			16-QAM	RB100#0	17.951	19.453	10.32
		MCH	QPSK	RB100#0	17.778	19.227	10.33
			16-QAM	RB100#0	17.764	19.344	10.34
		HCH	QPSK	RB100#0	17.729	19.269	10.35
			16-QAM	RB100#0	17.724	19.181	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 26(Part 22)	1.4 MHz	LCH	QPSK	RB6#LOW	1.088	1.277	11.1
			16-QAM	RB6#LOW	1.093	1.298	11.2
		MCH	QPSK	RB6#LOW	1.091	1.287	11.3
			16-QAM	RB6#LOW	1.085	1.263	11.4
		HCH	QPSK	RB6#LOW	1.093	1.264	11.5
			16-QAM	RB6#LOW	1.09	1.283	11.6
	3 MHz	LCH	QPSK	RB15#LOW	2.702	2.977	11.7
			16-QAM	RB15#LOW	2.698	3.005	11.8
		MCH	QPSK	RB15#LOW	2.701	2.988	11.9
			16-QAM	RB15#LOW	2.696	2.989	11.10
		HCH	QPSK	RB15#LOW	2.7	2.982	11.11
			16-QAM	RB15#LOW	2.688	2.985	11.12
	5 MHz	LCH	QPSK	RB25#LOW	4.501	5.019	11.13
			16-QAM	RB25#LOW	4.489	4.965	11.14
		MCH	QPSK	RB25#LOW	4.482	4.982	11.15
			16-QAM	RB25#LOW	4.499	4.996	11.16
		HCH	QPSK	RB25#LOW	4.481	4.945	11.17
			16-QAM	RB25#LOW	4.493	5.011	11.18
	10 MHz	LCH	QPSK	RB50#LOW	8.963	10.002	11.19
			16-QAM	RB50#LOW	8.956	9.843	11.20
		MCH	QPSK	RB50#LOW	8.92	9.778	11.21
			16-QAM	RB50#LOW	8.925	9.795	11.22
		HCH	QPSK	RB50#LOW	8.958	9.886	11.23
			16-QAM	RB50#LOW	8.97	9.878	11.24
	15 MHz	LCH	QPSK	RB75#LOW	13.402	14.773	11.25
			16-QAM	RB75#LOW	13.398	14.71	11.26
		MCH	QPSK	RB75#LOW	13.342	14.621	11.27
			16-QAM	RB75#LOW	13.354	14.627	11.28
		HCH	QPSK	RB75#LOW	13.404	14.744	11.29
			16-QAM	RB75#LOW	13.424	14.642	11.30

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 26(Part 90)	1.4 MHz	LCH	QPSK	RB6#LOW	1.088	1.275	12.1
			16-QAM	RB6#LOW	1.092	1.288	12.2
		MCH	QPSK	RB6#LOW	1.091	1.293	12.3
			16-QAM	RB6#LOW	1.088	1.273	12.4
		HCH	QPSK	RB6#LOW	1.091	1.263	12.5
			16-QAM	RB6#LOW	1.091	1.283	12.6
	3 MHz	LCH	QPSK	RB15#LOW	2.7	2.973	12.7
			16-QAM	RB15#LOW	2.701	2.997	12.8
		MCH	QPSK	RB15#LOW	2.697	2.972	12.9
			16-QAM	RB15#LOW	2.692	2.991	12.10
		HCH	QPSK	RB15#LOW	2.703	3.004	12.11
			16-QAM	RB15#LOW	2.692	2.994	12.12
	5 MHz	LCH	QPSK	RB25#LOW	4.495	4.998	12.13
			16-QAM	RB25#LOW	4.484	4.932	12.14
		MCH	QPSK	RB25#LOW	4.483	5.001	12.15
			16-QAM	RB25#LOW	4.49	4.969	12.16
		HCH	QPSK	RB25#LOW	4.477	4.944	12.17
			16-QAM	RB25#LOW	4.491	4.989	12.18
	10 MHz	LCH	QPSK	RB50#LOW	8.936	9.925	12.19
			16-QAM	RB50#LOW	8.916	9.823	12.20

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 38	5 MHz	LCH	QPSK	RB25#0	4.488	5.036	13.1
			16-QAM	RB25#0	4.499	5.04	13.2
		MCH	QPSK	RB25#0	4.495	5.217	13.3
			16-QAM	RB25#0	4.503	5.084	13.4
		HCH	QPSK	RB25#0	4.495	4.958	13.5
			16-QAM	RB25#0	4.491	5.094	13.6
	10 MHz	LCH	QPSK	RB50#0	8.985	9.868	13.7
			16-QAM	RB50#0	8.96	9.886	13.8
		MCH	QPSK	RB50#0	8.97	9.899	13.9
			16-QAM	RB50#0	8.969	9.845	13.10
		HCH	QPSK	RB50#0	8.949	9.986	13.11
			16-QAM	RB50#0	8.933	9.868	13.12
	15 MHz	LCH	QPSK	RB75#0	13.383	14.858	13.13

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]
			16-QAM	RB75#0	13.476	14.777	13.14
		MCH	QPSK	RB75#0	13.447	15.042	13.15
			16-QAM	RB75#0	13.458	14.937	13.16
		HCH	QPSK	RB75#0	13.397	14.814	13.17
			16-QAM	RB75#0	13.47	14.823	13.18
	20 MHz	LCH	QPSK	RB100#0	17.919	20.139	13.19
			16-QAM	RB100#0	17.89	20.823	13.20
		MCH	QPSK	RB100#0	17.959	20.027	13.21
			16-QAM	RB100#0	17.9	19.751	13.22
		HCH	QPSK	RB100#0	17.884	19.5	13.23
			16-QAM	RB100#0	17.892	19.695	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 41(full)	5 MHz	LCH	QPSK	RB25#0	4.499	5.215	14.1
			16-QAM	RB25#0	4.506	5.095	14.2
		MCH	QPSK	RB25#0	4.498	4.957	14.3
			16-QAM	RB25#0	4.49	5.133	14.4
		HCH	QPSK	RB25#0	4.529	6.54	14.5
			16-QAM	RB25#0	4.535	7.944	14.6
	10 MHz	LCH	QPSK	RB50#0	8.975	9.946	14.7
			16-QAM	RB50#0	8.974	9.862	14.8
		MCH	QPSK	RB50#0	8.966	10.023	14.9
			16-QAM	RB50#0	8.934	9.832	14.10
		HCH	QPSK	RB50#0	9.075	14.511	14.11
			16-QAM	RB50#0	9.032	14.787	14.12
	15 MHz	LCH	QPSK	RB75#0	13.45	14.902	14.13
			16-QAM	RB75#0	13.418	14.802	14.14
		MCH	QPSK	RB75#0	13.421	14.845	14.15
			16-QAM	RB75#0	13.477	15.066	14.16
		HCH	QPSK	RB75#0	13.509	19.933	14.17
			16-QAM	RB75#0	13.531	18.438	14.18
	20 MHz	LCH	QPSK	RB100#0	17.936	20.083	14.19
			16-QAM	RB100#0	17.872	19.908	14.20
		MCH	QPSK	RB100#0	17.881	19.425	14.21
			16-QAM	RB100#0	17.905	19.642	14.22
		HCH	QPSK	RB100#0	18.009	23.988	14.23
			16-QAM	RB100#0	17.981	25.147	14.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 66	1.4 MHz	LCH	QPSK	RB6#0	1.085	1.276	15.1
			16-QAM	RB6#0	1.094	1.273	15.2
		MCH	QPSK	RB6#0	1.089	1.297	15.3
			16-QAM	RB6#0	1.086	1.273	15.4
		HCH	QPSK	RB6#0	1.09	1.274	15.5
			16-QAM	RB6#0	1.09	1.284	15.6
	3 MHz	LCH	QPSK	RB15#0	2.706	2.993	15.7
			16-QAM	RB15#0	2.701	2.993	15.8
		MCH	QPSK	RB15#0	2.703	2.986	15.9
			16-QAM	RB15#0	2.699	2.983	15.10
		HCH	QPSK	RB15#0	2.709	3.003	15.11
			16-QAM	RB15#0	2.696	2.991	15.12
	5 MHz	LCH	QPSK	RB25#0	4.505	4.998	15.13
			16-QAM	RB25#0	4.492	4.99	15.14
		MCH	QPSK	RB25#0	4.497	4.987	15.15
			16-QAM	RB25#0	4.51	4.992	15.16
		HCH	QPSK	RB25#0	4.493	4.98	15.17
			16-QAM	RB25#0	4.508	5.018	15.18
	10 MHz	LCH	QPSK	RB50#0	8.956	9.916	15.19
			16-QAM	RB50#0	8.932	9.838	15.20
		MCH	QPSK	RB50#0	8.954	9.926	15.21
			16-QAM	RB50#0	8.931	9.843	15.22
		HCH	QPSK	RB50#0	8.959	9.823	15.23
			16-QAM	RB50#0	8.939	9.835	15.24
	15 MHz	LCH	QPSK	RB75#0	13.406	14.674	15.25
			16-QAM	RB75#0	13.409	14.707	15.26
		MCH	QPSK	RB75#0	13.375	14.613	15.27
			16-QAM	RB75#0	13.403	14.708	15.28
		HCH	QPSK	RB75#0	13.389	14.688	15.29
			16-QAM	RB75#0	13.424	14.738	15.30
	20 MHz	LCH	QPSK	RB100#0	17.868	19.298	15.31
			16-QAM	RB100#0	17.876	19.441	15.32
		MCH	QPSK	RB100#0	17.825	19.399	15.33
			16-QAM	RB100#0	17.828	19.491	15.34
		HCH	QPSK	RB100#0	17.866	19.493	15.35
			16-QAM	RB100#0	17.833	19.5	15.36

A.6 Band Edge

Note 1: Test plots please refer to the document “Annex No.: BL-SH24B0903-501 Data Part 4.pdf”.

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	1.1	Pass
				RB6#0	1.2	Pass
			16-QAM	RB1#0	1.3	Pass
				RB6#0	1.4	Pass
		HCH	QPSK	RB1#5	1.5	Pass
				RB6#0	1.6	Pass
			16-QAM	RB1#5	1.7	Pass
				RB6#0	1.8	Pass
	3 MHz	LCH	QPSK	RB1#0	1.9	Pass
				RB15#0	1.10	Pass
			16-QAM	RB1#0	1.11	Pass
				RB15#0	1.12	Pass
		HCH	QPSK	RB1#14	1.13	Pass
				RB15#0	1.14	Pass
			16-QAM	RB1#14	1.15	Pass
				RB15#0	1.16	Pass
	5 MHz	LCH	QPSK	RB1#0	1.17	Pass
				RB25#0	1.18	Pass
			16-QAM	RB1#0	1.19	Pass
				RB25#0	1.20	Pass
		HCH	QPSK	RB1#24	1.21	Pass
				RB25#0	1.22	Pass
			16-QAM	RB1#24	1.23	Pass
				RB25#0	1.24	Pass
	10 MHz	LCH	QPSK	RB1#0	1.25	Pass
				RB50#0	1.26	Pass
			16-QAM	RB1#0	1.27	Pass
				RB50#0	1.28	Pass
		HCH	QPSK	RB1#49	1.29	Pass
				RB50#0	1.30	Pass
			16-QAM	RB1#49	1.31	Pass
				RB50#0	1.32	Pass
	15 MHz	LCH	QPSK	RB1#0	1.33	Pass
				RB75#0	1.34	Pass
			16-QAM	RB1#0	1.35	Pass
				RB75#0	1.36	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
		HCH	QPSK	RB1#74	1.37	Pass
				RB75#0	1.38	Pass
			16-QAM	RB1#74	1.39	Pass
				RB75#0	1.40	Pass
	20 MHz	LCH	QPSK	RB1#0	1.41	Pass
				RB100#0	1.42	Pass
			16-QAM	RB1#0	1.43	Pass
				RB100#0	1.44	Pass
		HCH	QPSK	RB1#99	1.45	Pass
				RB100#0	1.46	Pass
			16-QAM	RB1#99	1.47	Pass
				RB100#0	1.48	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	2.1	Pass
				RB6#0	2.2	Pass
			16-QAM	RB1#0	2.3	Pass
				RB6#0	2.4	Pass
		HCH	QPSK	RB1#5	2.5	Pass
				RB6#0	2.6	Pass
			16-QAM	RB1#5	2.7	Pass
				RB6#0	2.8	Pass
	3 MHz	LCH	QPSK	RB1#0	2.9	Pass
				RB15#0	2.10	Pass
			16-QAM	RB1#0	2.11	Pass
				RB15#0	2.12	Pass
		HCH	QPSK	RB1#14	2.13	Pass
				RB15#0	2.14	Pass
			16-QAM	RB1#14	2.15	Pass
				RB15#0	2.16	Pass
	5 MHz	LCH	QPSK	RB1#0	2.17	Pass
				RB25#0	2.18	Pass
			16-QAM	RB1#0	2.19	Pass
				RB25#0	2.20	Pass
		HCH	QPSK	RB1#24	2.21	Pass
				RB25#0	2.22	Pass
			16-QAM	RB1#24	2.23	Pass
				RB25#0	2.24	Pass
	10 MHz	LCH	QPSK	RB1#0	2.25	Pass
				RB50#0	2.26	Pass
			16-QAM	RB1#0	2.27	Pass
				RB50#0	2.28	Pass
		HCH	QPSK	RB1#49	2.29	Pass
				RB50#0	2.30	Pass
			16-QAM	RB1#49	2.31	Pass
				RB50#0	2.32	Pass
	15 MHz	LCH	QPSK	RB1#0	2.33	Pass
				RB75#0	2.34	Pass
			16-QAM	RB1#0	2.35	Pass
				RB75#0	2.36	Pass
		HCH	QPSK	RB1#74	2.37	Pass
				RB75#0	2.38	Pass
			16-QAM	RB1#74	2.39	Pass
				RB75#0	2.40	Pass
	20 MHz	LCH	QPSK	RB1#0	2.41	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
				RB100#0	2.42	Pass
			16-QAM	RB1#0	2.43	Pass
				RB100#0	2.44	Pass
		HCH	QPSK	RB1#99	2.45	Pass
				RB100#0	2.46	Pass
			16-QAM	RB1#99	2.47	Pass
				RB100#0	2.48	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	3.1	Pass
				RB6#0	3.2	Pass
			16-QAM	RB1#0	3.3	Pass
				RB6#0	3.4	Pass
		HCH	QPSK	RB1#5	3.5	Pass
				RB6#0	3.6	Pass
			16-QAM	RB1#5	3.7	Pass
				RB6#0	3.8	Pass
	3 MHz	LCH	QPSK	RB1#0	3.9	Pass
				RB15#0	3.10	Pass
			16-QAM	RB1#0	3.11	Pass
				RB15#0	3.12	Pass
		HCH	QPSK	RB1#14	3.13	Pass
				RB15#0	3.14	Pass
			16-QAM	RB1#14	3.15	Pass
				RB15#0	3.16	Pass
	5 MHz	LCH	QPSK	RB1#0	3.17	Pass
				RB25#0	3.18	Pass
			16-QAM	RB1#0	3.19	Pass
				RB25#0	3.20	Pass
		HCH	QPSK	RB1#24	3.21	Pass
				RB25#0	3.22	Pass
			16-QAM	RB1#24	3.23	Pass
				RB25#0	3.24	Pass
	10 MHz	LCH	QPSK	RB1#0	3.25	Pass
				RB50#0	3.26	Pass
			16-QAM	RB1#0	3.27	Pass
				RB50#0	3.28	Pass
		HCH	QPSK	RB1#49	3.29	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
				RB50#0	3.30	Pass
			16-QAM	RB1#49	3.31	Pass
				RB50#0	3.32	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	4.1	Pass
				RB25#0	4.2	Pass
			16-QAM	RB1#0	4.3	Pass
				RB25#0	4.4	Pass
		HCH	QPSK	RB1#24	4.5	Pass
				RB25#0	4.6	Pass
			16-QAM	RB1#24	4.7	Pass
				RB25#0	4.8	Pass
	10 MHz	LCH	QPSK	RB1#0	4.9	Pass
				RB50#0	4.10	Pass
			16-QAM	RB1#0	4.11	Pass
				RB50#0	4.12	Pass
		HCH	QPSK	RB1#49	4.13	Pass
				RB50#0	4.14	Pass
			16-QAM	RB1#49	4.15	Pass
				RB50#0	4.16	Pass
	15 MHz	LCH	QPSK	RB1#0	4.17	Pass
				RB75#0	4.18	Pass
			16-QAM	RB1#0	4.19	Pass
				RB75#0	4.20	Pass
		HCH	QPSK	RB1#74	4.21	Pass
				RB75#0	4.22	Pass
			16-QAM	RB1#74	4.23	Pass
				RB75#0	4.24	Pass
	20 MHz	LCH	QPSK	RB1#0	4.25	Pass
				RB100#0	4.26	Pass
			16-QAM	RB1#0	4.27	Pass
				RB100#0	4.28	Pass
		HCH	QPSK	RB1#99	4.29	Pass
				RB100#0	4.30	Pass
			16-QAM	RB1#99	4.31	Pass
				RB100#0	4.32	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	5.1	Pass
				RB6#0	5.2	Pass
			16-QAM	RB1#0	5.3	Pass
				RB6#0	5.4	Pass
		HCH	QPSK	RB1#5	5.5	Pass
				RB6#0	5.6	Pass
			16-QAM	RB1#5	5.7	Pass
				RB6#0	5.8	Pass
	3 MHz	LCH	QPSK	RB1#0	5.9	Pass
				RB15#0	5.10	Pass
			16-QAM	RB1#0	5.11	Pass
				RB15#0	5.12	Pass
		HCH	QPSK	RB1#14	5.13	Pass
				RB15#0	5.14	Pass
			16-QAM	RB1#14	5.15	Pass
				RB15#0	5.16	Pass
	5 MHz	LCH	QPSK	RB1#0	5.17	Pass
				RB25#0	5.18	Pass
			16-QAM	RB1#0	5.19	Pass
				RB25#0	5.20	Pass
		HCH	QPSK	RB1#24	5.21	Pass
				RB25#0	5.22	Pass
			16-QAM	RB1#24	5.23	Pass
				RB25#0	5.24	Pass
	10 MHz	LCH	QPSK	RB1#0	5.25	Pass
				RB50#0	5.26	Pass
			16-QAM	RB1#0	5.27	Pass
				RB50#0	5.28	Pass
		HCH	QPSK	RB1#49	5.29	Pass
				RB50#0	5.30	Pass
			16-QAM	RB1#49	5.31	Pass
				RB50#0	5.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 13	5 MHz	LCH	QPSK	RB1#Low	6.1	Pass
				RB25#Low	6.2	Pass
			16-QAM	RB1#Low	6.3	Pass
				RB25#Low	6.4	Pass
		HCH	QPSK	RB1#High	6.5	Pass
				RB25#High	6.6	Pass
			16-QAM	RB1#High	6.7	Pass
				RB25#High	6.8	Pass
	10 MHz	LCH	QPSK	RB1#Low	6.9	Pass
				RB50#Low	6.10	Pass
			16-QAM	RB1#Low	6.11	Pass
				RB50#Low	6.12	Pass
		HCH	QPSK	RB1#High	6.13	Pass
				RB50#High	6.14	Pass
			16-QAM	RB1#High	6.15	Pass
				RB50#High	6.16	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 18(Part 22)	5 MHz	LCH	QPSK	RB1#0	7.1	Pass
				RB25#0	7.2	Pass
			16-QAM	RB1#0	7.3	Pass
				RB25#0	7.4	Pass
		HCH	QPSK	RB1#24	7.5	Pass
				RB25#0	7.6	Pass
			16-QAM	RB1#24	7.7	Pass
				RB25#0	7.8	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 18(Part 90)	5 MHz	LCH	QPSK	RB1#0	8.1	Pass
				RB25#0	8.2	Pass
			16-QAM	RB1#0	8.3	Pass
				RB25#0	8.4	Pass
		HCH	QPSK	RB1#24	8.5	Pass
				RB25#0	8.6	Pass
			16-QAM	RB1#24	8.7	Pass
				RB25#0	8.8	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 19	5 MHz	LCH	QPSK	RB1#0	9.1	Pass
				RB25#0	9.2	Pass
			16-QAM	RB1#0	9.3	Pass
				RB25#0	9.4	Pass
		HCH	QPSK	RB1#24	9.5	Pass
				RB25#0	9.6	Pass
			16-QAM	RB1#24	9.7	Pass
				RB25#0	9.8	Pass
	10 MHz	LCH	QPSK	RB1#0	9.9	Pass
				RB50#0	9.10	Pass
			16-QAM	RB1#0	9.11	Pass
				RB50#0	9.12	Pass
		HCH	QPSK	RB1#49	9.13	Pass
				RB50#0	9.14	Pass
			16-QAM	RB1#49	9.15	Pass
				RB50#0	9.16	Pass
	15 MHz	LCH	QPSK	RB1#0	9.17	Pass
				RB75#0	9.18	Pass
			16-QAM	RB1#0	9.19	Pass
				RB75#0	9.20	Pass
		HCH	QPSK	RB1#74	9.21	Pass
				RB75#0	9.22	Pass
			16-QAM	RB1#74	9.23	Pass
				RB75#0	9.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 25	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
LTE Band 26(Part 22)	1.4 MHz	LCH	QPSK	RB1#LOW	11.1	Pass
				RB6#LOW	11.2	Pass
			16-QAM	RB1#LOW	11.3	Pass
				RB6#LOW	11.4	Pass
		HCH	QPSK	RB1#HIGH	11.5	Pass
				RB6#HIGH	11.6	Pass
			16-QAM	RB1#HIGH	11.7	Pass
				RB6#HIGH	11.8	Pass
	3 MHz	LCH	QPSK	RB1#LOW	11.9	Pass
				RB15#LOW	11.10	Pass
			16-QAM	RB1#LOW	11.11	Pass
				RB15#LOW	11.12	Pass
		HCH	QPSK	RB1#HIGH	11.13	Pass
				RB15#HIGH	11.14	Pass
			16-QAM	RB1#HIGH	11.15	Pass
				RB15#HIGH	11.16	Pass
	5 MHz	LCH	QPSK	RB1#LOW	11.17	Pass
				RB25#LOW	11.18	Pass
			16-QAM	RB1#LOW	11.19	Pass
				RB25#LOW	11.20	Pass
		HCH	QPSK	RB1#HIGH	11.21	Pass
				RB25#HIGH	11.22	Pass
			16-QAM	RB1#HIGH	11.23	Pass
				RB25#HIGH	11.24	Pass
	10 MHz	LCH	QPSK	RB1#LOW	11.25	Pass
				RB50#LOW	11.26	Pass
			16-QAM	RB1#LOW	11.27	Pass
				RB50#LOW	11.28	Pass
		HCH	QPSK	RB1#HIGH	11.29	Pass
				RB50#HIGH	11.30	Pass
			16-QAM	RB1#HIGH	11.31	Pass
				RB50#HIGH	11.32	Pass
	15 MHz	LCH	QPSK	RB1#LOW	11.33	Pass
				RB75#LOW	11.34	Pass
			16-QAM	RB1#LOW	11.35	Pass
				RB75#LOW	11.36	Pass
		HCH	QPSK	RB1#HIGH	11.37	Pass
				RB75#HIGH	11.38	Pass
			16-QAM	RB1#HIGH	11.39	Pass
				RB75#HIGH	11.40	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
LTE Band 26(Part 90)	1.4 MHz	LCH	QPSK	RB1#LOW	12.1	Pass
				RB6#LOW	12.2	Pass
			16-QAM	RB1#LOW	12.3	Pass
				RB6#LOW	12.4	Pass
		HCH	QPSK	RB1#HIGH	12.5	Pass
				RB6#HIGH	12.6	Pass
			16-QAM	RB1#HIGH	12.7	Pass
				RB6#HIGH	12.8	Pass
	3 MHz	LCH	QPSK	RB1#LOW	12.9	Pass
				RB15#LOW	12.10	Pass
			16-QAM	RB1#LOW	12.11	Pass
				RB15#LOW	12.12	Pass
		HCH	QPSK	RB1#HIGH	12.13	Pass
				RB15#HIGH	12.14	Pass
			16-QAM	RB1#HIGH	12.15	Pass
				RB15#HIGH	12.16	Pass
	5 MHz	LCH	QPSK	RB1#LOW	12.17	Pass
				RB25#LOW	12.18	Pass
			16-QAM	RB1#LOW	12.19	Pass
				RB25#LOW	12.20	Pass
		HCH	QPSK	RB1#HIGH	12.21	Pass
				RB25#HIGH	12.22	Pass
			16-QAM	RB1#HIGH	12.23	Pass
				RB25#HIGH	12.24	Pass
	10 MHz	LCH	QPSK	RB1#LOW	12.25	Pass
				RB50#LOW	12.26	Pass
			16-QAM	RB1#LOW	12.27	Pass
				RB50#LOW	12.28	Pass
		HCH	QPSK	RB1#HIGH	12.29	Pass
				RB50#HIGH	12.30	Pass
			16-QAM	RB1#HIGH	12.31	Pass
				RB50#HIGH	12.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 38	5 MHz	LCH	QPSK	RB1#0	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 41(full)	5 MHz	LCH	QPSK	RB1#Low	14.1	Pass
				RB25#Low	14.2	Pass
			16-QAM	RB1#Low	14.3	Pass
				RB25#Low	14.4	Pass
		HCH	QPSK	RB1#High	14.5	Pass
				RB25#High	14.6	Pass
			16-QAM	RB1#High	14.7	Pass
				RB25#High	14.8	Pass
	10 MHz	LCH	QPSK	RB1#Low	14.9	Pass
				RB50#Low	14.10	Pass
			16-QAM	RB1#Low	14.11	Pass
				RB50#Low	14.12	Pass
		HCH	QPSK	RB1#High	14.13	Pass
				RB50#High	14.14	Pass
			16-QAM	RB1#High	14.15	Pass
				RB50#High	14.16	Pass
	15 MHz	LCH	QPSK	RB1#Low	14.17	Pass
				RB75#Low	14.18	Pass
			16-QAM	RB1#Low	14.19	Pass
				RB75#Low	14.20	Pass
		HCH	QPSK	RB1#High	14.21	Pass
				RB75#High	14.22	Pass
			16-QAM	RB1#High	14.23	Pass
				RB75#High	14.24	Pass
	20 MHz	LCH	QPSK	RB1#Low	14.25	Pass
				RB100#Low	14.26	Pass
			16-QAM	RB1#Low	14.27	Pass
				RB100#Low	14.28	Pass
		HCH	QPSK	RB1#High	14.29	Pass
				RB100#High	14.30	Pass
			16-QAM	RB1#High	14.31	Pass
				RB100#High	14.32	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	15.1	Pass
				RB6#0	15.2	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
			16-QAM	RB1#0	15.3	Pass
				RB6#0	15.4	Pass
		HCH	QPSK	RB1#5	15.5	Pass
				RB6#0	15.6	Pass
			16-QAM	RB1#5	15.7	Pass
				RB6#0	15.8	Pass
	3 MHz	LCH	QPSK	RB1#0	15.9	Pass
				RB15#0	15.10	Pass
			16-QAM	RB1#0	15.11	Pass
				RB15#0	15.12	Pass
		HCH	QPSK	RB1#14	15.13	Pass
				RB15#0	15.14	Pass
			16-QAM	RB1#14	15.15	Pass
				RB15#0	15.16	Pass
	5 MHz	LCH	QPSK	RB1#0	15.17	Pass
				RB25#0	15.18	Pass
			16-QAM	RB1#0	15.19	Pass
				RB25#0	15.20	Pass
		HCH	QPSK	RB1#24	15.21	Pass
				RB25#0	15.22	Pass
			16-QAM	RB1#24	15.23	Pass
				RB25#0	15.24	Pass
	10 MHz	LCH	QPSK	RB1#0	15.25	Pass
				RB50#0	15.26	Pass
			16-QAM	RB1#0	15.27	Pass
				RB50#0	15.28	Pass
		HCH	QPSK	RB1#49	15.29	Pass
				RB50#0	15.30	Pass
			16-QAM	RB1#49	15.31	Pass
				RB50#0	15.32	Pass
	15 MHz	LCH	QPSK	RB1#0	15.33	Pass
				RB75#0	15.34	Pass
			16-QAM	RB1#0	15.35	Pass
				RB75#0	15.36	Pass
		HCH	QPSK	RB1#74	15.37	Pass
				RB75#0	15.38	Pass
			16-QAM	RB1#74	15.39	Pass
				RB75#0	15.40	Pass
	20 MHz	LCH	QPSK	RB1#0	15.41	Pass
				RB100#0	15.42	Pass
			16-QAM	RB1#0	15.43	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
				RB100#0	15.44	Pass
		HCH	QPSK	RB1#99	15.45	Pass
				RB100#0	15.46	Pass
			16-QAM	RB1#99	15.47	Pass
				RB100#0	15.48	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-SH24B0903-501 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.

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Refer to Plot[Note3]	Verdict
Band 2	1.4 MHz	MCH	1.1	Pass
Band 4	15 MHz	MCH	1.2	Pass
Band 5	10 MHz	MCH	1.3	Pass
Band 7	10 MHz	MCH	1.4	Pass
Band 12	10 MHz	MCH	1.5	Pass
Band 13	5 MHz	MCH	1.6	Pass
Band 18 (Part22)	5 MHz	MCH	1.7	Pass
Band 18 (Part90)	5 MHz	MCH	1.8	Pass
Band 19	10 MHz	MCH	1.9	Pass
Band 25	1.4 MHz	MCH	1.10	Pass
Band 26 (Part22)	3 MHz	MCH	1.11	Pass
Band 26 (Part90)	3 MHz	LCH	1.12	Pass
Band 38	15 MHz	LCH	1.13	Pass
Band 41	20 MHz	MCH	1.14	Pass
Band 66	5 MHz	HCH	1.15	Pass

ANNEX B TEST SETUP PHOTOS

Please refer to the document “BL-SH24B0903-AR RF.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer to the document “BL-SH24B0903-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer to the document “BL-SH24B0903-AI.PDF”.

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--END OF REPORT--