TEST REPORT

Applicant:	SIMCom Wireless Solutions Limited
Address:	SIMCom Headquarters Building, Building 3, No.289 Linhong Road, Changning District, Shanghai, China
Equipment Type:	MODULE
Model Name:	SIM7906G-M2
Brand Name:	SIMCom
FCC ID:	2AJYU-8XM0002
ISED Number:	23761-8XM0001
Test Standard:	47 CFR Part 2 RSS-Gen Issue 5 (Others refer to chapter 3.1)
Test Date:	Jul. 20, 2022 - Sep. 07, 2022
Date of Issue:	Oct. 13, 2022

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

Version	Issue Date	Revisions Content
Rev. 01	Sep. 27, 2022	Initial Issue
Rev. 02	Oct. 09, 2022	Added the IMEI number of the test EUT, clarified the frequency range of Band18/Band26, updated the antenna gain of Band4 and added a description of antennas in Section 2.5; added test standard ANSI C63.26-2015 in Section 3.1; added a description of the test environments in Section 4.1; clarified the EIRP limit of Band30/Band40 in Section A.1
Rev.03	Oct. 13, 2022	Added test data of frequency stability in Annex A.4

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☑ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A. The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	SIMCom Wireless Solutions Limited
Address	SIMCom Headquarters Building, Building 3, No.289 Linhong Road, Changning District, Shanghai, China

2.2 Manufacturer Information

Manufacturer	SIMCom Wireless Solutions Limited
Address	SIMCom Headquarters Building, Building 3, No.289 Linhong Road, Changning District, Shanghai, China

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	MODULE
Model Name Under Test	SIM7906G-M2
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	D106222465E38D0
Hardware Version	V3.03
Software Version	2110B01V01X12M42A-M2
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

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

All Network and Wireless connectivity for EUT	3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network FDD LTE Band 2/4/5/7/12/13/14/17/18/19/25/26/30/66 TDD LTE Band 38/40/41 GPS, GLONASS, BeiDou, Galileo
About the Product	The equipment is MODULE, intended for used with information technology equipment.
IMEI	S01: IMEI 865237040773311 S02: IMEI 865237040772958 S03: IMEI 865237040773154 S05: IMEI 864542050029293
Note 1: The EUT is MODULE, supporting dual SIM card slots one of which is ESIM under the same transceiver. Both SIM card slots support WCDMA and LTE. And both SIM card slots share the same transceiver, so only SIM1 is tested in this report.	

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

Operating Bands	WCDMA/HSDPA/HSUPA/HSPA Band 2/4/5 FDD LTE Band 2/4/5/7/12/13/14/17/18/19/25/26/30/66 TDD LTE Band 38/40/41	
Modulation Type	WCDMA	QPSK
	HSDPA /HSUPA	QPSK
		16QAM
	LTE	QPSK
		16QAM
TX Frequency Range	WCDMA/HSDPA/HSUPA Band 2: 1850 MHz ~ 1910 MHz WCDMA/HSDPA/HSUPA Band 4: 1710 MHz ~ 1755 MHz WCDMA/HSDPA/HSUPA Band 5: 824 MHz ~ 849 MHz FDD LTE Band 2: 1850 MHz ~ 1910 MHz FDD LTE Band 4: 1710 MHz ~ 1755 MHz FDD LTE Band 5: 824 MHz ~ 849 MHz FDD LTE Band 7: 2500 MHz ~ 2570 MHz FDD LTE Band 12: 699 MHz ~ 716 MHz FDD LTE Band 13: 777 MHz ~ 787 MHz FDD LTE Band 14: 788 MHz ~ 798 MHz FDD LTE Band 17: 704 MHz ~ 716 MHz FDD LTE Band 18 Note 3: 815 MHz ~ 824 MHz&824 MHz ~ 830 MHz FDD LTE Band 19: 830 MHz ~ 845 MHz FDD LTE Band 25: 1850 MHz ~ 1915 MHz FDD LTE Band 26 Note 3: 814 MHz ~ 824 MHz&824 MHz ~ 849 MHz FDD LTE Band 30: 2305 MHz ~ 2315 MHz	

	FDD LTE Band 66: 1710 MHz ~ 1780 MHz FDD LTE Band 38: 2570 MHz ~ 2620 MHz FDD LTE Band 40: 2305 MHz ~ 2315 MHz&2350 MHz ~ 2360 MHz FDD LTE Band 41: 2496 MHz ~ 2690 MHz
Rx Frequency Range	WCDMA/HSDPA/HSUPA Band 2: 1930 MHz ~ 1990 MHz WCDMA/HSDPA/HSUPA Band 4: 2110 MHz ~ 2155 MHz WCDMA/HSDPA/HSUPA Band 5: 869 MHz ~ 894 MHz FDD LTE Band 2: 1930 MHz ~ 1990 MHz FDD LTE Band 4: 2110 MHz ~ 2155 MHz FDD LTE Band 5: 869 MHz ~ 894 MHz FDD LTE Band 7: 2620 MHz ~ 2690 MHz FDD LTE Band 12: 729 MHz ~ 746 MHz FDD LTE Band 13: 746 MHz ~ 756 MHz FDD LTE Band 14: 758 MHz ~ 768 MHz FDD LTE Band 17: 734 MHz ~ 746 MHz FDD LTE Band 18 Note 3: 860 MHz ~ 869 MHz&869 MHz ~ 875 MHz FDD LTE Band 19: 875 MHz ~ 890 MHz FDD LTE Band 25: 1930 MHz ~ 1995 MHz FDD LTE Band 26 Note 3: 859 MHz ~ 869 MHz&869 MHz ~ 894 MHz FDD LTE Band 30: 2350 MHz ~ 2360 MHz FDD LTE Band 66: 2110 MHz ~ 2180 MHz FDD LTE Band 38: 2570 MHz ~ 2620 MHz FDD LTE Band 40: 2305 MHz ~ 2315 MHz&2350 MHz ~ 2360 MHz FDD LTE Band 41: 2496 MHz ~ 2690 MHz
Power Class	WCDMA/HSDPA/HSUPA Band 2: 3 WCDMA/HSDPA/HSUPA Band 4: 3 WCDMA/HSDPA/HSUPA Band 5: 3 FDD LTE Band 2: 3 FDD LTE Band 4: 3 FDD LTE Band 5: 3 FDD LTE Band 7: 3 FDD LTE Band 12: 3 FDD LTE Band 13: 3 FDD LTE Band 14: 3 FDD LTE Band 17: 3 FDD LTE Band 18: 3 FDD LTE Band 19: 3 FDD LTE Band 25: 3 FDD LTE Band 26: 3 FDD LTE Band 30: 3 FDD LTE Band 66: 3 FDD LTE Band 38: 3 FDD LTE Band 40: 3 FDD LTE Band 41: 3

Antenna Type	Rubber Duck Antenna
Antenna Gain	WCDMA/HSDPA/HSUPA Band 2: 1.5 dB(MAIN Antenna) WCDMA/HSDPA/HSUPA Band 4: 1.5 dBi(MAIN Antenna) WCDMA/HSDPA/HSUPA Band 5: 0.5 dBi(MAIN Antenna) FDD LTE Band 2: 1.5 dBi(MAIN Antenna) FDD LTE Band 4: 1.5 dBi(MAIN Antenna) FDD LTE Band 5: 0.5 dBi(MAIN Antenna) FDD LTE Band 7: 1.0 dBi(MAIN Antenna) FDD LTE Band 12: 0.0 dBi(MAIN Antenna) FDD LTE Band 13: 0.0 dBi(MAIN Antenna) FDD LTE Band 14: 0.0 dBi(MAIN Antenna) FDD LTE Band 17: 0.0 dBi(MAIN Antenna) FDD LTE Band 18: 0.5 dBi(MAIN Antenna) FDD LTE Band 19: 0.5 dBi(MAIN Antenna) FDD LTE Band 25: 1.5 dBi(MAIN Antenna) FDD LTE Band 26: 0.5 dBi(MAIN Antenna) FDD LTE Band 30: 1.0 dBi(MAIN Antenna) FDD LTE Band 66: 1.5 dBi(MAIN Antenna) FDD LTE Band 38: 1.0 dBi(MAIN Antenna) FDD LTE Band 40: 1.0 dBi(MAIN Antenna) FDD LTE Band 41: 1.0 dBi(MAIN Antenna)
The Max RF Output Power (EIRP/ERP)	WCDMA/HSDPA/HSUPA Band 2: 24.61 dBm WCDMA/HSDPA/HSUPA Band 4: 25.08 dBm WCDMA/HSDPA/HSUPA Band 5: 21.46 dBm FDD LTE Band 2: 24.46 dBm FDD LTE Band 4: 24.52 dBm FDD LTE Band 5: 22.21 dBm FDD LTE Band 7: 24.03 dBm FDD LTE Band 12: 21.64 dBm FDD LTE Band 13: 21.61 dBm FDD LTE Band 14: 21.64 dBm FDD LTE Band 17: 21.64 dBm FDD LTE Band 18(824-830 MHz): 22.11 dBm FDD LTE Band 18(815-824 MHz): 21.82 dBm FDD LTE Band 19: 22.17 dBm FDD LTE Band 25: 24.68 dBm FDD LTE Band 26(824-849 MHz): 22.11 dBm FDD LTE Band 26(814-824 MHz): 22.10 dBm FDD LTE Band 30: 23.47 dBm FDD LTE Band 66: 24.64 dBm FDD LTE Band 38: 24.49 dBm FDD LTE Band 40: 20.20 dBm FDD LTE Band 41: 23.70 dBm

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

Note 2: There is one main antenna and one diversity antenna for WWAN. The main antenna supports transmitting and receiving signals, while the diversity antenna only supports receiving signals. Details please refer to internal photos.

Note 3: LTE Band18 (815-824MHz & 860-869MHz) and Band26 (814-824MHz & 859-869MHz) are only applicable in the United States.

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	47 CFR Part 90 Subpart R	Regulations Governing Licensing and Use of Frequencies in the 758-775 and 788-805 MHz Bands
7	RSS-Gen Issue5	General Requirements and Information for the Certification of Radio Apparatus
8	RSS-130 Issue2	Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 MHz
9	RSS-132 Issue3	Cellular Telephone Systems Operating in the Bands 824-849 MHz and 869-894 MHz
10	RSS-133 Issue6	2 GHz Personal Communications Services
11	RSS-139 Issue3	Advanced Wireless Services (AWS) Equipment Operating in the Bands 1710-1780 MHz and 2110-2180 MHz
12	RSS-195 Issue2	Wireless Communication Service (WCS) Equipment Operating in the Bands 2305-2315MHzMHz and 2350-2360MHzMHz
13	RSS-199 Issue3	Broadband Radio Service (BRS) Equipment Operating in the Band 2500-2690 MHz
14	RSS-140 Issue1	Equipment Operating in the Public Safety Broadband Frequency Bands 758‑768 MHz and 788‑798 MHz
15	ANSI/TIA-603-E-2016	Land Mobile FM or PM Communications Equipment Measurement and Performance Standards
16	KDB 971168 D01 v03	Measurement Guidance for Certification of Licensed Digital Transmitters
17	ANSI C63.26-2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services

3.2 Test Verdict

No.	Description	FCC Part No.	ISED Part No.	Test Result	Verdict
1	Conducted RF Output Power	2.1046	RSS-Gen 6.12 RSS-130 4.6 RSS-132 5.4 RSS-133 6.4 RSS-139 6.5 RSS-195 5.5 RSS-199 4.4 RSS-140 4.3	Reporting only (ANNEX A.1)	Pass
2	Effective (Isotropic) Radiated Power	2.1046 22.913 24.232 27.50 90.635(b) 90.542(a)	RSS-Gen 6.12 RSS-130 4.6 RSS-132 5.4 RSS-133 6.4 RSS-139 6.5 RSS-195 5.5 RSS-199 4.4 RSS-140 4.3	ANNEX A.1	Pass
3	Peak to Average Radio	2.1046 24.232(d) 27.50(d)	RSS-130 4.6 RSS-132 5.4 RSS-133 6.4 RSS-139 6.5 RSS-195 5.5 RSS-199 4.4 RSS-140 4.3	ANNEX A.2	Pass
4	Occupied Bandwidth	2.1049 22.917 24.238 27.53 90.209	RSS-Gen 6.7	ANNEX A.3	Pass
5	Frequency Stability	2.1055 22.355 24.235 27.54 90.213	RSS-Gen 6.11 RSS-130 4.5 RSS-132 5.3 RSS-133 6.3 RSS-139 6.4 RSS-195 5.4 RSS-199 4.3 RSS-140 4.2	ANNEX A.4	Pass
6	Spurious Emission at Antenna Terminals	2.1051 22.917 24.238 27.53 90.691	RSS-Gen 6.13 RSS-130 4.7 RSS-132 5.5 RSS-133 6.5 RSS-139 6.6	ANNEX A.5	Pass

No.	Description	FCC Part No.	ISED Part No.	Test Result	Verdict
		90.543	RSS-195 5.6 RSS-199 4.5 RSS-140 4.4		
7	Band Edge	2.1051 22.917 24.238 27.53 90.691 90.543	RSS-130 4.7 RSS-132 5.5 RSS-133 6.5 RSS-139 6.6 RSS-195 5.6 RSS-199 4.5 RSS-140 4.4	ANNEX A.6	Pass
8	Field Strength of Spurious Radiation	2.1053 22.917 24.238 27.53 90.691 90.543	RSS-Gen 6.13 RSS-130 4.7 RSS-132 5.5 RSS-133 6.5 RSS-139 6.6 RSS-195 5.6 RSS-199 4.5 RSS-140 4.4	ANNEX A.7	Pass
9	Receiver Spurious Emissions	N/A	RSS-Gen 7 RSS-132 5.6 RSS-133 6.6	ANNEX A.8	Pass
10	AC Power-line Conducted Emissions	N/A	RSS-Gen 8.8	ANNEX A.9	Pass

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity		20% to 75%
Atmospheric Pressure		98 kPa to 102 kPa
Test Voltage of the EUT	NV (Normal Voltage)	3.3 V
	LV (Low Voltage)	3.135 V
	HV (High Voltage)	4.4 V
Test Temperature of the EUT	NT (Normal Temperature)	15 °C to 35 °C
	LT (Low Temperature)	-30 °C
	HT (High Temperature)	+70 °C

Remark: NV= nominal voltage; LV= lower extreme test voltage; HV= upper extreme test voltage; NT= nominal temperature; LT= lower extreme test temperature; HT= upper extreme test temperature

4.1 Test Equipment and Test Software List

Description	Manufacturer	Model	Serial No.	Version	Cal. Date	Cal. Due
2/3/4/5G RF Test System						
BL410 Test Software	BALUN	BL410R	N/A	2.1.1.496	N/A	N/A
Temperature Chamber	AHK	SP20	1412	N/A	2021.11.30	2022.11.29
Universal Radio Communication Tester	R&S	CMU 200	121487	V5.21	2022.01.04	2023.01.03
Wideband Radio Communication Tester	R&S	CMW 500	167190	V4.0.60	2022.05.19	2023.05.18
Wideband Radio Communication Tester	R&S	CMW 500	102318	V3.2.71	2022.05.19	2023.05.18
Spectrum Analyzer	keysight	N9020A	MY50531628	A.16.09	2022.05.23	2023.05.22
Spectrum Analyzer	R&S	FSV40	101544	2.30.SP4	2022.01.04	2023.01.03
DC Power Supply	ITECH	IT6863A	800014020757120005	N/A	2021.09.22	2022.09.21
Radiated Test System						
Radiated Test System Test Software	BALUN	BL410-E	N/A	V19.918	N/A	N/A
Wideband Radio Communication Tester	R&S	CMW 500	167190	V4.0.60	2022.05.19	2023.05.18
Wideband Radio Communication Tester	R&S	CMW 500	102318	V3.2.71	2022.05.19	2023.05.18
Spectrum Analyzer	R&S	FSV40	101544	2.30.SP4	2022.01.04	2023.01.03
Test Antenna-Bi-Log(30 MHz-3 GHz)	Schwarzbeck	VULB 9163	9163-624	N/A	2021.08.20	2024.08.19
Test Antenna-Horn(1-18 GHz)	Schwarzbeck	BBHA 9120D	9120D-1917	N/A	2022.06.09	2025.06.08
Test Antenna-Horn(18-40 GHz)	A-INFO	LB-180400KF	J211060273	N/A	2021.01.04	2023.01.03

Anechoic Chamber	YIHENG	9m*6m*6m	#3	N/A	2022.02.09	2024.09.03
EMI Receiver	Keysight	N9038A	MY53220118	A.14.16	2021.09.13	2022.09.12

4.2 Test Configurations

Test Items	Test Mode	Test Channel		
		LCH	MCH	HCH
Effective (Isotropic) Radiated Power	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
	HSDPA Band 2	v	v	v
	HSDPA Band 4	v	v	v
	HSDPA Band 5	v	v	v
	HSUPA Band 2	v	v	v
	HSUPA Band 4	v	v	v
	HSUPA Band 5	v	v	v
Peak to Average Ratio	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Occupied Bandwidth	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Frequency Stability	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Spurious Emission at Antenna Terminals	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Band Edge	WCDMA Band 2	v	--	v
	WCDMA Band 4	v	--	v
	WCDMA Band 5	v	--	v
Field Strength of Spurious Radiation	WCDMA Band 2	v	v	v
	WCDMA Band 4	v	v	v
	WCDMA Band 5	v	v	v
Note 1: The mark “v” means that this configuration is chosen for testing.				

Test Mode	UL Channel	UL Channel No.	UL Frequency (MHz)
WCDMA Band 2	Low Channel	9262	1852.4
	Middle Channel	9400	1880.0
	High Channel	9538	1907.6
WCDMA Band 4	Low Channel	1312	1712.4
	Middle Channel	1412	1732.4
	High Channel	1513	1752.6
WCDMA Band 5	Low Channel	4132	826.4
	Middle Channel	4182	836.4
	High Channel	4233	846.6

LTE Band	Bandwidth (MHz)						Modulation Type		RB#			Test Channel		
	1.4	3	5	10	15	20	QPSK	16-QAM	1	Half	Full	LCH	MCH	HCH
Effective (Isotropic) Radiated Power														
2	v	v	v	v	v	v	v	v	v	v	v	v	v	v
4	v	v	v	v	v	v	v	v	v	v	v	v	v	v
5	v	v	v	v	n	n	v	v	v	v	v	v	v	v
7	n	n	v	v	v	v	v	v	v	v	v	v	v	v
12	v	v	v	v	n	n	v	v	v	v	v	v	v	v
13	n	n	v	v	n	n	v	v	v	v	v	v	v	v
14	n	n	v	v	n	n	v	v	v	v	v	v	v	v
17	n	n	v	v	n	n	v	v	v	v	v	v	v	v
18(824-830MHz)	n	n	v	--	--	n	v	v	v	v	v	v	v	v
18(815-824MHz)	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(824-849MHz)	v	v	v	v	v	n	v	v	v	v	v	v	v	v
26(814-824MHz)	v	v	v	v	--	n	v	v	v	v	v	v	v	v
30	n	n	v	v	n	n	v	v	v	v	v	v	v	v
66	v	v	v	v	v	v	v	v	v	v	v	v	v	v
38	n	n	v	v	v	v	v	v	v	v	v	v	v	v
40	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	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	--	--	--	v	n	n	v	v	v	--	v	v	v	v
14	n	n	--	v	n	n	v	v	v	--	v	v	v	v
17	n	n	--	v	n	n	v	v	v	--	v	v	v	v
18(824-830MHz)	n	n	v	--	--	n	v	v	v	--	v	v	v	v
18(815-824MHz)	n	n	v	--	--	n	v	v	v	--	v	v	v	v
19	n	n	--	--	v	n	v	v	v	--	v	--	v	--
25	--	--	--	--	--	v	v	v	v	--	v	v	v	v
26(824-849MHz)	--	--	--	--	v	n	v	v	v	--	v	v	v	v
26(814-824MHz)	--	--	--	v	--	n	v	v	v	--	v	--	v	--
30	n	n	--	v	n	n	v	v	v	--	v	--	v	--
66	--	--	--	--	--	v	v	v	v	--	v	v	v	v
38	n	n	--	--	--	v	v	v	v	--	v	v	v	v
40	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
41	n	n	--	--	--	v	v	v	v	--	v	v	v	v
Occupied Bandwidth														
2	v	v	v	v	v	v	v	v	--	--	v	v	v	v
4	v	v	v	v	v	v	v	v	--	--	v	v	v	v
5	v	v	v	v	n	n	v	v	--	--	v	v	v	v
7	n	n	v	v	v	v	v	v	--	--	v	v	v	v
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
14	n	n	v	v	n	n	v	v	--	--	v	v	v	v
17	n	n	v	v	n	n	v	v	--	--	v	v	v	v
18(824-830MHz)	n	n	v	--	--	n	v	v	--	--	v	v	v	v
18(815-824MHz)	n	n	v	--	--	n	v	v	--	--	v	v	v	v
19	n	n	v	v	v	n	n	v	--	--	v	v	v	v
25	v	v	v	v	v	v	v	v	--	--	v	v	v	v
26(824-849MHz)	v	v	v	v	v	n	v	v	--	--	v	v	v	v
26(814-824MHz)	v	v	v	v	--	n	v	v	--	--	v	v	v	v
30	n	n	v	v	n	n	v	v	--	--	v	v	v	v
66	v	v	v	v	v	v	v	v	--	--	v	v	v	v
38	n	n	v	v	v	v	v	v	--	--	v	v	v	v
40	n	n	v	v	--	--	v	v	--	--	v	v	v	v
41	n	n	v	v	v	v	v	v	--	--	v	v	v	v
Frequency Stability														
2	--	--	--	v	--	--	v	v	--	--	v	v	v	v
4	--	--	--	v	--	--	v	v	--	--	v	v	v	v
5	--	--	--	v	n	n	v	v	--	--	v	v	v	v
7	n	n	--	v	--	--	v	v	--	--	v	v	v	v
12	--	--	--	v	n	n	v	v	--	--	v	v	v	v
13	--	--	--	v	n	n	v	v	--	--	v	v	v	v
14	n	n	--	v	n	n	v	v	--	--	v	v	v	v
17	n	n	--	v	n	n	v	v	--	--	v	v	v	v
18(824-830MHz)	n	n	v	--	--	n	v	v	--	--	v	v	v	v
18(815-824MHz)	n	n	v	--	--	n	v	v	--	--	v	v	v	v
19	n	n	--	v	--	n	v	v	--	--	v	v	v	v
25	--	--	--	v	--	--	v	v	--	--	v	v	v	v
26(824-849MHz)	--	--	--	v	--	n	v	v	--	--	v	v	v	v
26(814-824MHz)	--	--	--	v	--	n	v	v	--	--	v	--	v	--
30	n	n	--	v	n	n	v	v	--	--	v	--	v	--
66	--	--	--	v	--	n	v	v	--	--	v	v	v	v
38	n	n	--	v	--	--	v	v	--	--	v	v	v	v
40	n	n	--	v	--	--	v	v	--	--	v	--	v	--
41	n	n	--	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
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
14	n	n	v	v	n	n	v	v	v	--	--	v	v	v
17	n	n	v	v	n	n	v	v	v	--	--	v	v	v
18(824-830MHz)	n	n	v	--	--	n	v	v	v	--	--	v	v	v
18(815-824MHz)	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(824-849MHz)	v	v	v	v	v	n	v	v	v	--	--	v	v	v
26(814-824MHz)	v	v	v	v	--	n	v	v	v	--	--	v	v	v
30	n	n	v	v	n	n	v	v	v	--	--	v	v	v
66	v	v	v	v	v	v	v	v	v	--	--	v	v	v
38	n	n	v	v	v	v	v	v	v	--	--	v	v	v
40	n	n	v	v	--	--	v	v	v	--	--	v	v	v
41	n	n	v	v	v	v	v	v	v	--	--	v	v	v
Band Edge														
2	v	v	v	v	v	v	v	v	v	--	v	v	--	v
4	v	v	v	v	v	v	v	v	v	--	v	v	--	v
5	v	v	v	v	n	n	v	v	v	--	v	v	--	v
7	n	n	v	v	v	v	v	v	v	--	v	v	--	v
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
14	n	n	v	v	n	n	v	v	v	--	v	v	--	v
17	n	n	v	v	n	n	v	v	v	--	v	v	--	v
18(824-830MHz)	n	n	v	--	--	n	v	v	v	--	v	v	--	v
18(815-824MHz)	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(824-849MHz)	v	v	v	v	v	n	v	v	v	--	v	v	--	v
26(814-824MHz)	v	v	v	v	--	n	v	v	v	--	v	v	--	v
30	n	n	v	v	n	n	v	v	v	--	v	v	--	v
66	v	v	v	v	v	v	v	v	v	--	v	v	--	v
38	n	n	v	v	v	v	v	v	v	--	v	v	--	v
40	n	n	v	v	--	--	v	v	v	--	v	v	--	v
41	n	n	v	v	v	v	v	v	v	--	v	v	--	v
Field Strength of Spurious Radiation														

LTE Band	Bandwidth (MHz)						Modulation Type		RB#			Test Channel		
	1.4	3	5	10	15	20	QPSK	16-QAM	1	Half	Full	LCH	MCH	HCH
2	v	v	v	v	v	v	v	--	v	--	--	--	v	--
4	v	v	v	v	v	v	v	--	v	--	--	--	v	--
5	v	v	v	v	n	n	v	--	v	--	--	--	v	--
7	n	n	v	v	v	v	v	--	v	--	--	--	v	--
12	v	v	v	v	n	n	v	--	v	--	--	--	v	--
13	n	n	v	v	n	n	v	--	v	--	--	--	v	--
14	n	n	v	v	n	n	v	--	v	--	--	--	v	--
17	n	n	v	v	n	n	v	--	v	--	--	--	v	--
18(824-830MHz)	n	n	v	--	--	n	v	--	v	--	--	--	v	--
18(815-824MHz)	n	n	v	--	--	n	v	--	v	--	--	--	v	--
19	n	n	v	v	v	n	v	--	v	--	--	--	v	--
25	v	v	v	v	v	v	v	--	v	--	--	--	v	--
26(824-849MHz)	v	v	v	v	v	n	v	--	v	--	--	--	v	--
26(814-824MHz)	v	v	v	v	--	n	v	--	v	--	--	--	v	--
30	n	n	v	v	n	n	v	--	v	--	--	--	v	--
66	v	v	v	v	v	v	v	--	v	--	--	--	v	--
38	n	n	v	v	v	v	v	--	v	--	--	--	v	--
40	n	n	v	v	--	--	v	--	v	--	--	--	v	--
41	n	n	v	v	v	v	v	--	v	--	--	--	v	--

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

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

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
	Middle Range	5/10/15/20	21100	2535
	High Range	5	21425	2567.5
		10	21400	2565
		15	21375	2562.5
		20	21350	2560
LTE Band 12	Low Range	1.4	23017	699.7
		3	23025	700.5
		5	23035	701.5
		10	23060	704
	Middle Range	1.4/3/5/10	23095	707.5
	High Range	1.4	23173	715.3
		3	23165	714.5
		5	23155	713.5
		10	23130	711
LTE Band 13	Low Range	5	23205	779.5
		10	23230	782
	Middle Range	5/10	23230	782
	High Range	5	23255	784.5
		10	23230	782
LTE Band 14	Low Range	5	23305	790.5
		10	23330	793
	Middle Range	5/10	23330	793
	High Range	5	23355	795.5
		10	23330	793
LTE Band 17	Low Range	5	23755	706.5
		10	23780	709
	Middle Range	5/10	23790	710
	High Range	5	23825	713.5
		10	23800	711
LTE Band 18 (824-830MHz)	Low Range	5	23965	826.5
	Middle Range	5	23970	827
	High Range	5	23975	827.5
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 19	Low Range	5	24025	832.5
		10	24050	835
		15	--	--
	Middle Range	5/10/15	24075	837.5
	High Range	5	24125	842.5
		10	24100	840

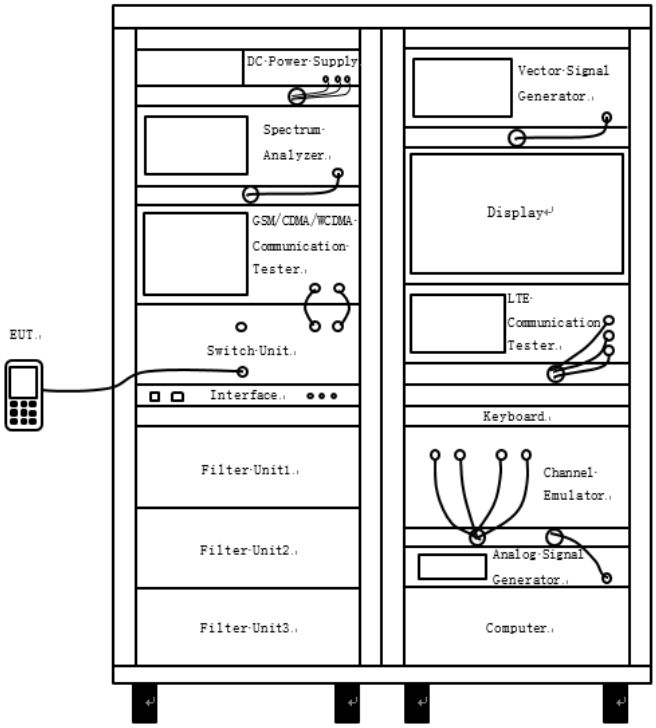
Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
		15	--	--
LTE Band 25	Low Range	1.4	26047	1850.7
		3	26055	1851.5
		5	26065	1852.5
		10	26090	1855
		15	26115	1857.5
		20	26140	1860
	Middle Range	1.4/3/5/10/15/20	26365	1882.5
	High Range	1.4	26683	1914.3
		3	26675	1913.5
		5	26665	1912.5
		10	26640	1910
		15	26615	1907.5
		20	26590	1905
LTE Band 26 (814-824MHz)	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 (824-849MHz)	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 30	Low Range	5	27685	2307.5
		10	--	--
	Middle Range	5/10	27710	2310
	High Range	5	27735	2312.5
		10	--	--
LTE-Band 66	Low Range	1.4	131979	1710.7
		3	131987	1711.5

Test Mode	UL Channel	Channel Bandwidth (MHz)	UL Channel No.	UL Frequency (MHz)
		5	131997	1712.5
		10	132022	1715
		15	132047	1717.5
		20	132072	1720
	Middle Range	1.4/3/5/10/15/20	132322	1745
	High Range	1.4	132665	1779.3
		3	132657	1778.5
		5	132647	1777.5
		10	132622	1775
		15	132597	1772.5
		20	132572	1770
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 40 (2305-2315MHz)	Low Range	5	38725	2307.5
		10	--	--
	Middle Range	5/10	38750	2310
	High Range	5	38775	2312.5
		10	--	--
LTE Band 40 (2350-2360MHz)	Low Range	5	39175	2352.5
		10	--	--
	Middle Range	5/10	39200	2355
	High Range	5	39225	2357.5
		10	--	--
LTE Band 41	Low Range	5	39675	2498.5
		10	39700	2501
		15	39725	2503.5
		20	39750	2506
	Middle Range	5/10/15/20	40620	2593
	High Range	5	41565	2687.5
		10	41540	2685
		15	41515	2682.5
		20	41490	2680

Test Items	Test Mode	Test Channel		
		LCH	MCH	HCH
Receiver Spurious Emissions	WCDMA B5	--	v	--
AC Power-line Conducted Emissions	WCDMA B5	--	v	--
Note 1: The mark “v” means that this configuration is the worst test mode for Receiver Spurious Emissions and AC Power-line Conducted Emissions measurement.				

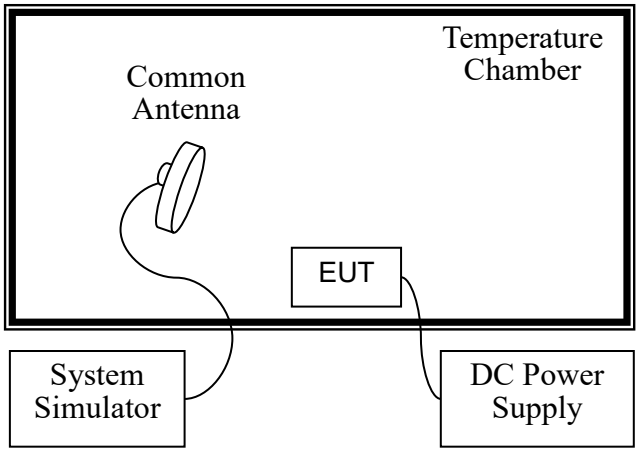
4.3 Test Setup

4.3.1 For Antenna Port Test



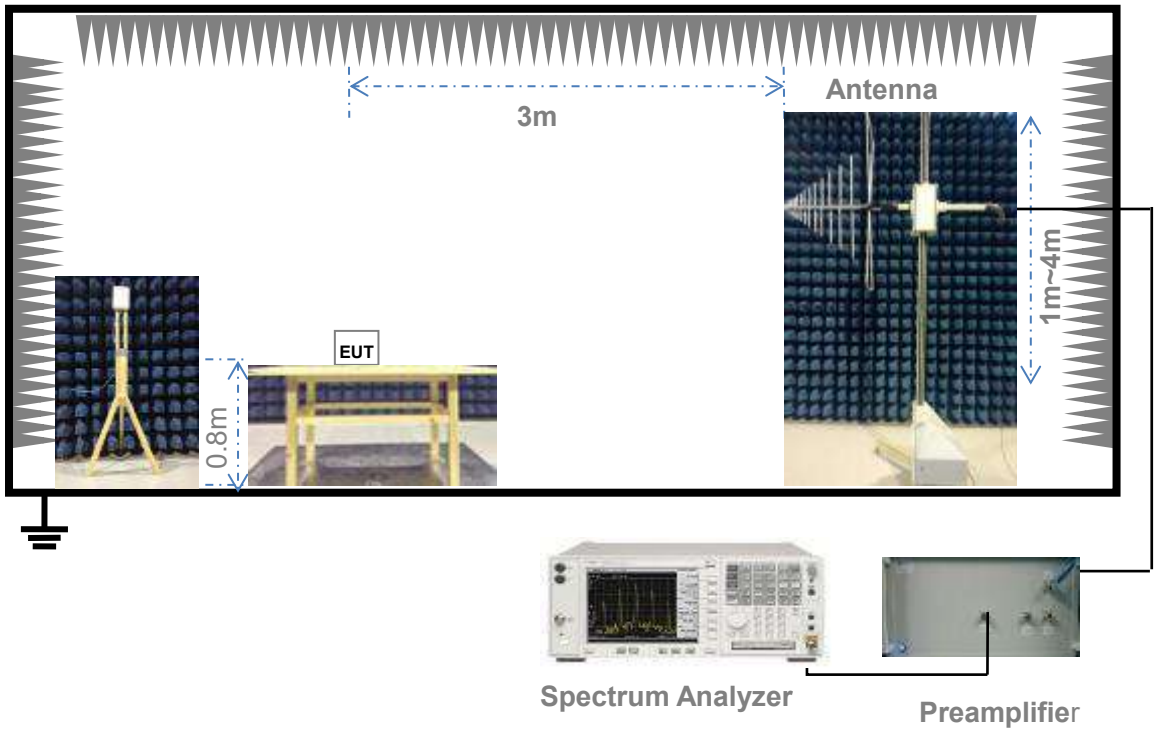
(Diagram 1)

4.3.2 For Frequency Stability Test



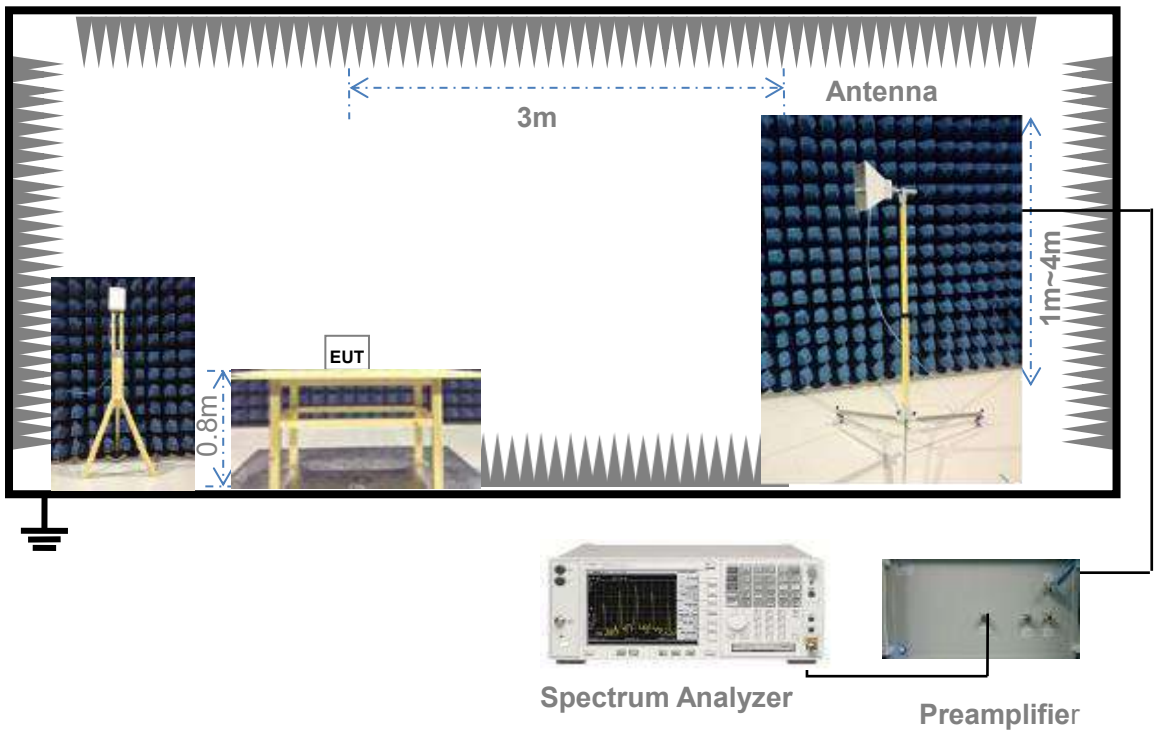
(Diagram 2)

4.3.3 For Radiated Test (30 MHz ~ 1 GHz)



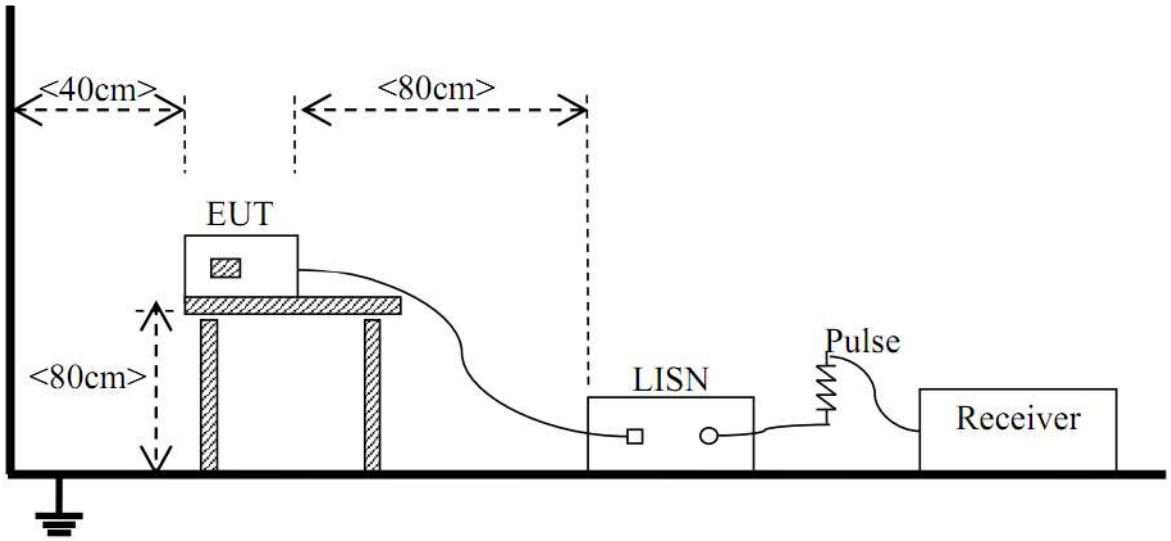
(Diagram 3)

4.3.4 For Radiated Test (Above 1 GHz)



(Diagram 4)

4.3.5 For AC Power-line Conducted Emissions



(Diagram 5)

5 TEST ITEMS

5.1 Transmitter Radiated Power (EIRP/ERP)

5.1.1 Limit

FCC § 2.1046 & 22.913(a) & 24.232(c) & 27.50(a) & 27.50(b) & 27.50(c) & 27.50(d) & 27.50(h) & 27.50(j) & 27.50(k) & 90.635(b) & 90.542(a)

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

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

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

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

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

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

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

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

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

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

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

According to FCC section 90.542(a) (7), portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP.

RSS-Gen § 6.12 & RSS-130 § 4.6 & RSS-132 § 5.4 & RSS-133 § 6.4 & RSS-139 § 6.5 & RSS-195 § 5.5

& RSS-199 § 4.4 & RSS-140 § 4.3 & RSS-192 § 8.6 & RSS-197 § 5.6

According to RSS-130 § 4.6.3, The e.r.p. shall not exceed 30 watts for mobile equipment and outdoor fixed subscriber equipment. The e.r.p. shall not exceed 3 watts for portable equipment and indoor fixed subscriber equipment.

According to RSS-132 § 5.4, the Effective Radiated Power (ERP) for mobile equipment shall not exceed 11.5 watts.

According to RSS-133 § 6.4 (SRSP 510), mobile stations and hand-held portables are limited to 2 watts maximum EIRP.

According to RSS-139 § 6.5, the EIRP for mobile and portable transmitters shall not exceed 1 watt.

According to RSS-195 § 5.5, the EIRP of mobile or portable equipment transmitting in the band 2305-2315MHz or the band 2350-2360MHz, employing 3GPP LTE standards, shall not exceed 250mW within 5MHz bandwidth. For other technologies, the EIRP shall not exceed 50mW within any 1MHz bandwidth.

According to RSS-199 § 4.4, for mobile subscriber equipment, the EIRP shall not exceed 2 watts.

According to RSS-140 § 4.3, the equivalent radiated power (e.r.p.) for control and mobile equipment shall not exceed 30 W. The e.r.p. for portable equipment including handheld devices shall not exceed 3 W.

5.1.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description is used for conducted test, and the section 4.4.3 and 4.4.4 (Diagram 3, 4) test setup description is used for radiated test. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

Description of the Conducted Output Power Measurement

The EUT is coupled to the SS with attenuator through power splitter; the RF load attached to EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. A system simulator is used to establish communication with the EUT, and its parameters are set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The relevant equation for determining the conducted measured value is:

Conducted Output Power Value (dBm) = Measured Value (dBm) + Path Loss (dB)

where:
Conducted Output Power Value = final conducted measured value in the conducted power test, in dBm;
Measured Value = measured conducted power received by spectrum analyzer or power meter, in dBm;

Path Loss = signal attenuation in the connecting cable between the transmitter and spectrum analyzer or power meter, including external cable loss, in dB;

During the test, the data of Path Loss (dB) is added in the spectrum analyzer or power meter, so Measured Value (dBm) is the final values which contains the data of Path Loss (dB).

For example:

In the conducted output power test, when measured value for GSM850 is 24.7 dBm, and path loss is 8.5 dB, then final conducted output power value is:

Conducted Output Power Value (dBm) = 24.7 dBm + 8.5 dB = 33.2 dBm

Description of the Transmitter Radiated Power Measurement

In many cases, the RF output power limits for licensed digital transmission devices is specified in terms of effective radiated power (ERP) or equivalent isotropic radiated power (EIRP). Typically, ERP is specified when the operating frequency is less than or equal to 1 GHz and EIRP is specified when the operating frequency is greater than 1 GHz. Both are determined by adding the transmit antenna gain to the conducted RF output power with the primary difference between the two being that when determining the ERP, the transmit antenna gain is referenced to a dipole antenna (i.e., dBd) whereas when determining the EIRP, the transmit antenna gain is referenced to an isotropic antenna (dBi).

Final measurement calculation as below:

The relevant equation for determining the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

$ERP/EIRP = P_{Meas} + GT - LC$

where:
ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as P_{Meas}, typically dBW or dBm);
P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;
GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);
dBd (ERP)=dBi (EIRP) -2.15 dB
LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

For devices utilizing multiple antennas, KDB 662911 provides guidance for determining the effective array transmit antenna gain term to be used in the above equation.

For example:

In the EIRP test, when P_{Meas} value for GSM1900 is 30.2 dBm, LC is 0.6 dB, and GT is -3.4 dB, then final EIRP value is:
EIRP for GSM1900 = 30.2 dBm - 3.4 dBi - 0.6 dB = 26.2 dBm

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

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

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

For example:

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Peak to Average Ratio

5.2.1 Limit

FCC § 2.1046 & 24.232(d) & 27.50(d) & 27.50(j) & 27.50(k)

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

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

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

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Here the lowest, middle and highest channels are selected to perform testing to verify the peak-to-average ratio.

According to KDB 971168 D01, there is CCDF procedure for PAPR:

a) Refer to instrument’s analyzer instruction manual for details on how to use the power statistics/CCDF function;

b) Set resolution/measurement bandwidth ≥ signal’s occupied bandwidth;

c) Set the number of counts to a value that stabilizes the measured CCDF curve;

d) Set the measurement interval as follows:

1) for continuous transmissions, set to 1 ms,

2) for burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize and set the

measurement interval to a time that is less than or equal to the burst duration.

e) Record the maximum PAPR level associated with a probability of 0.1%.

Alternate procedure for PAPR:

Use one of the procedures presented in 4.1 to measure the total peak power and record as P_{Pk}. Use one of the applicable procedures presented 4.2 to measure the total average power and record as P_{Avg}. Both the peak and average power levels must be expressed in the same logarithmic units (e.g., dBm). Determine the PAPR from:

PAPR (dB) = P_{Pk} (dBm) - P_{Avg} (dBm).

5.2.4 Test Result

Please refer to ANNEX A.2.

5.3 Occupied Bandwidth

5.3.1 Limit

FCC § 2.1049

RSS-Gen § 6.7

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

RSS-Gen § 6.11 & RSS-130 § 4.5 & RSS-132 § 5.3 & RSS-133 § 6.3 & RSS-139 § 6.4 & RSS-195 § 5.4 & RSS-199 § 4.3 & RSS-140 § 4.2

FCC § 2.1055 & RSS-Gen § 6.11

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

(1) The temperature is varied from -30°C to +50°C.

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

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

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

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

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

FCC § 22.355

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

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

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

FCC § 24.235

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

FCC § 27.54

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

FCC § 90.213

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

RSS-130 § 4.5

The frequency stability shall be sufficient to ensure that the occupied bandwidth remains within each frequency block range when tested at the temperature and supply voltage variations specified in RSS-Gen.

RSS-132 § 5.3

The carrier frequency shall not depart from the reference frequency in excess of ±2.5 ppm for mobile stations and ±1.5 ppm for base stations.

RSS-133 § 6.3

The carrier frequency shall not depart from the reference frequency in excess of ±2.5 ppm for mobile stations and ±1.0 ppm for base stations.

RSS-139 § 6.4

The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block when tested to the temperature and supply voltage variations specified in RSS-Gen.

RSS-195 § 5.4

The applicant shall ensure frequency stability by showing that the occupied bandwidth is maintained within the range of the operating frequency blocks when testing under the temperature and supply voltage variations specified for the frequency stability measurement in RSS-Gen.

RSS-199 § 4.3

The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block when tested to the temperature and supply voltage variations specified in RSS-Gen.

RSS-140 § 4.2

The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block when tested at the temperature and supply voltage variations specified in RSS-Gen.

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 and frequency range are measured.

3. The temperature is increased by not more than 10 degrees, allowed to stabilize and soak, and then measure it.

5. Repeat procedure 3 until +50°C and -30°C is reached.

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

Note: The test of the frequency range is to mark the left and right edges of the occupied bandwidth to ensure that the occupied bandwidth stays within the operating frequency block.

5.4.4 Test Result

Please refer to ANNEX A.4.

5.5 Spurious Emission at Antenna Terminals

5.5.1 Limit

FCC § 2.1051 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(f) & 27.53(g) & 27.53(h) & 27.53(l) & 27.53(m) & 27.53(n) & 90.691 & 90.543

RSS-Gen § 6.13 & RSS-130 § 4.7 & RSS-132 § 5.5 & RSS-133 § 6.5 & RSS-139 § 6.6 & RSS-195 § 5.6 & RSS-199 § 4.5 & RSS-140 § 4.4

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) & RSS-132 § 5.5 & RSS-133 § 6.5

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) & RSS-139 § 6.6

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) & RSS-199 § 4.5

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

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

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

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

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

FCC § 27.53(n) (2)

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

FCC § 90.691

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

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

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

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

FCC § 90.543

(e) For operations in the 758–768 MHz and the 788–798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775–788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.

(4) Compliance with the provisions of paragraphs (e)(1) and (2) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

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

RSS-130 § 4.7

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least 43 + 10Log_{10}(P) (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

In addition to the limit outlined above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

(a) The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:

(i) 76 + 10 log10 p (watts), dB, for base and fixed equipment and

(ii) 65 + 10 log10 p (watts), dB, for mobile and portable equipment

(b) The e.i.r.p. in the band 1559-1610 MHz shall not exceed −70 dBW/MHz for wideband signal and −80 dBW for discrete emission with bandwidth less than 700 Hz.

RSS-195 § 5.6

The power of any emission outside the frequency range(s) in which the equipment operates shall be attenuated below the transmitter power, P (dBW), by the amount indicated in table below and graphically represented in figure below, where p is the transmitter output power measured in watts.

Frequency (MHz)	Attenuation (dB)	Frequency (MHz)	Attenuation (dB)
＜2200	43+10 $\log_{10}$ (p)	2324-2328	61+10 $\log_{10}$ (p)
2200-2288	70+10 $\log_{10}$ (p)	2328-2337	67+10 $\log_{10}$ (p)
2288-2292	67+10 $\log_{10}$ (p)	2337-2341	61+10 $\log_{10}$ (p)
2292-2296	61+10 $\log_{10}$ (p)	2341-2345	55+10 $\log_{10}$ (p)
2296-2300	55+10 $\log_{10}$ (p)	2345-2360	43+10 $\log_{10}$ (p) Note
2300-2305	43+10 $\log_{10}$ (p)	2360-2365	43+10 $\log_{10}$ (p)
2305-2320	43+10 $\log_{10}$ (p)Note	2365-2395	70+10 $\log_{10}$ (p)
2320-2324	55+10 $\log_{10}$ (p)	＞2395	43+10 $\log_{10}$ (p)

Note: Measured at the edges of the highest and lowest frequency range(s) in which the equipment is designed to operate. See section 5.2 for the permitted frequency ranges for various equipment types.

RSS-140 § 4.4

The power of any unwanted emission outside the bands 758-768 MHz and 788-798 MHz shall be attenuated below the transmitter output power P in dBW as follows, where p is the transmitter output power in watts:

For any frequency between 769-775 MHz and 799-806 MHz:

76 + 10 log (p), dB in a 6.25 kHz band for fixed and base station equipment

65 + 10 log (p), dB in a 6.25 kHz band for mobile and portable/hand-held equipment

For any frequency between 775-788 MHz, above 806 MHz, and below 758 MHz: 43 + 10 log (p), dB in a bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency bands 758-768 MHz and 788-798 MHz, a resolution bandwidth of 30 kHz may be employed.

In addition, the equivalent isotropically radiated power (e.i.r.p.) of all emissions, including harmonics in the band 1559-1610 MHz, shall not exceed −70 dBW/MHz for wideband emissions, and −80 dBW/kHz for discrete emissions of less than 700 Hz bandwidth.

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

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

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

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

Sweep point number = Span/RBW

VBW=3*RBW

Detector Mode=mean or average power

5. Record the frequencies and levels of spurious emissions.

5.5.4 Test Result

Please refer to ANNEX A.5.

5.6 Band Edge

5.6.1 Limit

FCC § 2.1051 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(f) & 27.53(g) & 27.53(h) & 27.53(l) & 27.53(m) & 27.53(n) & 90.691 & 90.543

RSS-Gen § 6.13 & RSS-130 § 4.7 & RSS-132 § 5.5 & RSS-133 § 6.5 & RSS-139 § 6.6 & RSS-195 § 5.6

& RSS-199 § 4.5 & RSS-140 § 4.4

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 log10 (P) dB.

FCC § 27.53(l) (2)

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

FCC § 27.53(m) (4)

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

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

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

• 55+10logP dB (−25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X

is the greater of 6 MHz or the actual emission bandwidth (26 dB).

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

FCC § 27.53(n) (2)

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

FCC § 90.691

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

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

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

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

FCC § 90.543

(e) For operations in the 758–768 MHz and the 788–798 MHz bands, the power of any emission outside the licensee’s frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775–788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.

(4) Compliance with the provisions of paragraphs (e)(1) and (2) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

RSS-130 § 4.7

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least 43 + $10Log_{10}(P)$ (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

In addition to the limit outlined above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

(a) The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:

(i) 76 + 10 log10 p (watts), dB, for base and fixed equipment and

(ii) 65 + 10 log10 p (watts), dB, for mobile and portable equipment

(b) The e.i.r.p. in the band 1559-1610 MHz shall not exceed −70 dBW/MHz for wideband signal and −80 dBW for discrete emission with bandwidth less than 700 Hz.

RSS-195 § 5.6

The power of any emission outside the frequency range(s) in which the equipment operates shall be attenuated below the transmitter power, P (dBW), by the amount indicated in table below and graphically represented in figure below, where p is the transmitter output power measured in watts.

Frequency (MHz)	Attenuation (dB)	Frequency (MHz)	Attenuation (dB)
＜2200	43+10 $\log_{10}$ (p)	2324-2328	61+10 $\log_{10}$ (p)
2200-2288	70+10 $\log_{10}$ (p)	2328-2337	67+10 $\log_{10}$ (p)
2288-2292	67+10 $\log_{10}$ (p)	2337-2341	61+10 $\log_{10}$ (p)
2292-2296	61+10 $\log_{10}$ (p)	2341-2345	55+10 $\log_{10}$ (p)
2296-2300	55+10 $\log_{10}$ (p)	2345-2360	43+10 $\log_{10}$ (p) Note
2300-2305	43+10 $\log_{10}$ (p)	2360-2365	43+10 $\log_{10}$ (p)
2305-2320	43+10 $\log_{10}$ (p)Note	2365-2395	70+10 $\log_{10}$ (p)
2320-2324	55+10 $\log_{10}$ (p)	＞2395	43+10 $\log_{10}$ (p)
Note: Measured at the edges of the highest and lowest frequency range(s) in which the equipment is designed to operate. See section 5.2 for the permitted frequency ranges for various equipment types.			

RSS-140 § 4.4

The power of any unwanted emission outside the bands 758-768 MHz and 788-798 MHz shall be attenuated below the transmitter output power P in dBW as follows, where p is the transmitter output power in watts:

For any frequency between 769-775 MHz and 799-806 MHz:

76 + 10 log (p), dB in a 6.25 kHz band for fixed and base station equipment

65 + 10 log (p), dB in a 6.25 kHz band for mobile and portable/hand-held equipment

For any frequency between 775-788 MHz, above 806 MHz, and below 758 MHz: 43 + 10 log (p), dB in a bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency bands 758-768 MHz and 788-798 MHz, a resolution bandwidth of 30 kHz may be employed.

In addition, the equivalent isotropically radiated power (e.i.r.p.) of all emissions, including harmonics in the band 1559-1610 MHz, shall not exceed −70 dBW/MHz for wideband emissions, and −80 dBW/kHz for discrete emissions of less than 700 Hz bandwidth.

5.6.2 Test Setup

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

5.6.3 Test Procedure

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

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

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

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

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

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

Sweep point number = 2*Span/RBW

VBW=3RBW

6. Record the frequencies and levels of spurious emissions.

For mobile and portable stations, on all frequencies between 763–775 MHz and 793–806 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment. Since it was not possible to set the resolution bandwidth to 6.25 kHz with the available equipment, a bandwidth of 10 kHz was used instead to show compliance. By using a 10 kHz bandwidth on the spectrum analyzer.

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

5.6.4 Test Result

Please refer to ANNEX A.6.

5.7 Field Strength of Spurious Radiation

5.7.1 Limit

FCC § 2.1053 & 22.917(a) & 24.238(a) & 27.53(a) & 27.53(c) & 27.53(f) & 27.53(g) & 27.53(h) & 27.53(l) & 27.53(m) & 27.53(n) & 90.691& 90.543

RSS-Gen § 6.13 & RSS-130 § 4.7 & RSS-132 § 5.5 & RSS-133 § 6.5 & RSS-139 § 6.6 & RSS-195 § 5.6 & RSS-199 § 4.5 & RSS-140 § 4.4

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 log10 (P) dB. .

FCC § 27.53(l) (2)

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

FCC § 27.53(m) (4)

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

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

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

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

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

FCC § 27.53(n) (2)

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

FCC § 90.691

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

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

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

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

FCC § 90.543

(e) For operations in the 758–768 MHz and the 788–798 MHz bands, the power of any emission outside the licensee’s frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769–775 MHz and 799–805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775–788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.

(4) Compliance with the provisions of paragraphs (e)(1) and (2) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

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

RSS-130 § 4.7

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least 43 + 10Log$_{10}$(P) (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

In addition to the limit outlined above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

(a) The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:

(i) 76 + 10 log10 p (watts), dB, for base and fixed equipment and

(ii) 65 + 10 log10 p (watts), dB, for mobile and portable equipment

(b) The e.i.r.p. in the band 1559-1610 MHz shall not exceed −70 dBW/MHz for wideband signal and −80 dBW for discrete emission with bandwidth less than 700 Hz.

RSS-195 § 5.6

The power of any emission outside the frequency range(s) in which the equipment operates shall be attenuated below the transmitter power, P (dBW), by the amount indicated in table below and graphically represented in figure below, where p is the transmitter output power measured in watts.

Frequency (MHz)	Attenuation (dB)	Frequency (MHz)	Attenuation (dB)
＜2200	43+10 log$_{10}$ (p)	2324-2328	61+10 log$_{10}$ (p)
2200-2288	70+10 log$_{10}$ (p)	2328-2337	67+10 log$_{10}$ (p)
2288-2292	67+10 log$_{10}$ (p)	2337-2341	61+10 log$_{10}$ (p)
2292-2296	61+10 log$_{10}$ (p)	2341-2345	55+10 log$_{10}$ (p)
2296-2300	55+10 log$_{10}$ (p)	2345-2360	43+10 log$_{10}$ (p) Note
2300-2305	43+10 log$_{10}$ (p)	2360-2365	43+10 log$_{10}$ (p)
2305-2320	43+10 log$_{10}$ (p)Note	2365-2395	70+10 log$_{10}$ (p)
2320-2324	55+10 log$_{10}$ (p)	＞2395	43+10 log$_{10}$ (p)

Note: Measured at the edges of the highest and lowest frequency range(s) in which the equipment is designed to operate. See section 5.2 for the permitted frequency ranges for various equipment types.

RSS-140 § 4.4

The power of any unwanted emission outside the bands 758-768 MHz and 788-798 MHz shall be attenuated below the transmitter output power P in dBW as follows, where p is the transmitter output power

in watts:

For any frequency between 769-775 MHz and 799-806 MHz:

76 + 10 log (p), dB in a 6.25 kHz band for fixed and base station equipment

65 + 10 log (p), dB in a 6.25 kHz band for mobile and portable/hand-held equipment

For any frequency between 775-788 MHz, above 806 MHz, and below 758 MHz: 43 + 10 log (p), dB in a bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency bands 758-768 MHz and 788-798 MHz, a resolution bandwidth of 30 kHz may be employed.

In addition, the equivalent isotropically radiated power (e.i.r.p.) of all emissions, including harmonics in the band 1559-1610 MHz, shall not exceed −70 dBW/MHz for wideband emissions, and −80 dBW/kHz for discrete emissions of less than 700 Hz bandwidth.

5.7.2 Test Setup

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

5.7.3 Test Procedure

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

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

the fundamental frequency of the transmitter.

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

for the measurement.

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

was set to 1 MHz.

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

transmitter under test.

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

signal level is detected by the measuring receiver.

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

detected by the measuring receiver.

8. The test antenna shall be raised and lowered again through the specified range of height until the maximum signal level is detected by the measuring receiver.

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

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

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

the sensitivity of the measuring receiver.

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

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

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

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

Final measurement calculation as below:

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

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

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

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

For example:

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

value for GSM850 is:

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

5.7.4 Test Result

Please refer to ANNEX A.7.

5.8 Receiver Spurious Emissions

5.8.1 Limit

RSS-Gen § 7.3/4 & RSS-132 § 5.6 & RSS-133 § 6.6

For emissions at frequencies below 1 GHz, measurements shall be performed using a CISPR quasi-peak detector and the related measurement bandwidth. At frequencies above 1 GHz, measurements shall be performed using a linear average detector with a minimum resolution bandwidth of 1 MHz.

As an alternative to CISPR quasi-peak or average measurements, compliance with the emission limit can be demonstrated using measuring equipment employing a peak detector function properly adjusted for factors such as pulse desensitization, as required, with a measurement bandwidth equal to, or greater than, the applicable CISPR quasi-peak bandwidth or 1 MHz bandwidth, respectively.

Receiver Radiated Limits

Radiated emission measurements shall be performed with the receiver antenna connected to the receiver antenna ports. The search for spurious emissions shall be from the lowest frequency internally generated or used in the receiver (e.g. local oscillator, intermediate or carrier frequency), or 30 MHz, whichever is higher, to at least five times the highest tunable or local oscillator frequency, whichever is higher, without exceeding 40 GHz.

Spurious emissions from receivers shall not exceed the radiated emissions limits shown in Table 2 below.

Table 2 –Receiver radiated emissions limits

Frequency (MHz)	Field Strength (μV/m at 3 metres)
30 - 88	100
88 - 216	150
216 - 960	200
Above 960	500

Receiver Conducted Limits

If the receiver has a detachable antenna of known impedance, an antenna-conducted spurious emissions measurement is permitted as an alternative to radiated measurement. However, the radiated method is preferred.

The antenna-conducted test shall be performed with the antenna disconnected and with the receiver antenna port connected to a measuring instrument having equal input impedance to that specified for the antenna. The RF cable connecting the receiver under test to the measuring instrument shall also have the same impedance to that specified for the receiver’s antenna.

The spurious emissions from the receiver at any discrete frequency, measured at the antenna port by the antenna-conducted method, shall not exceed 2 nW in the frequency range 30-1000 MHz and 5 nW above 1 GHz.

5.8.2 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.

5.8.3 Test Procedure

The test employing the methods of measurement described in the publication referenced in Section 3(b) (ANSI C63.4);

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

An initial pre-scan was performed in the chamber using the EMI Receiver in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by Bi-Log antenna with 2 orthogonal polarities.

5.8.4 Test Result

Please refer to ANNEX A.8.

5.9 AC Power-line Conducted Emissions

5.9.1 Limit

RSS-Gen § 8.8

For AC power-line conducted emissions, both quasi-peak and average detectors having the characteristics specified in CAN/CSA-CISPR 16-1-1:15 for the 150 kHz to 30 MHz frequency range shall be employed.

Unless stated otherwise in the applicable RSS, for radio apparatus that are designed to be connected to the public utility AC power network, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the range 150 kHz to 30 MHz shall not exceed the limits in table 3, as measured using a 50 μH / 50 Ω line impedance stabilization network. This requirement applies for the radio frequency voltage measured between each power line and the ground terminal of each AC power-line mains cable of the EUT.

For an EUT that connects to the AC power lines indirectly, through another device, the requirement for compliance with the limits in table 3 shall apply at the terminals of the AC power-line mains cable of a representative support device, while it provides power to the EUT. The lower limit applies at the boundary between the frequency ranges. The device used to power the EUT shall be representative of typical applications.

Table 3 –AC power-line conducted emissions limits

Frequency (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56[Note1]	56 to 46 [Note1]
0.5 - 5	56	46
5 - 30	60	50

Note 1: The level decreases linearly with the logarithm of the frequency.

5.9.2 Test Setup

The section 4.4.5 (Diagram 5) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.9.3 Test Procedure

The test employing the methods of measurement described in the publication referenced in Section 3(b) (ANSI C63.4);

The EUT is connected to the power mains through a LISN which provides 50 Ω/50 μH of coupling impedance for the measuring instrument. The test frequency range is from 150 kHz to 30 MHz. The maximum conducted interference is searched using Peak (PK), Quasi-peak (QP) and Average (AV) detectors; the emission levels that are more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

5.9.4 Test Result

Please refer to ANNEX A.9.

ANNEX A TEST RESULTS

A.1 Transmitter Radiated Power (EIRP/ERP)

WCDMA Mode Test Data

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
WCDMA Band 2	LCH	22.96	1.5	24.46	0.279	2.000	Pass
	MCH	23.06	1.5	24.56	0.286	2.000	Pass
	HCH	23.11	1.5	24.61	0.289	2.000	Pass
HSDPA Band 2	LCH	21.99	1.5	23.49	0.223	2.000	Pass
	MCH	22.04	1.5	23.54	0.226	2.000	Pass
	HCH	22.09	1.5	23.59	0.229	2.000	Pass
HSUPA Band 2	LCH	21.91	1.5	23.41	0.219	2.000	Pass
	MCH	22.00	1.5	23.50	0.224	2.000	Pass
	HCH	21.97	1.5	23.47	0.222	2.000	Pass

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
WCDMA Band 4	LCH	23.48	1.5	24.98	0.315	1.000	Pass
	MCH	23.58	1.5	25.08	0.322	1.000	Pass
	HCH	23.09	1.5	24.59	0.288	1.000	Pass
HSDPA Band 4	LCH	23.03	1.5	24.53	0.284	1.000	Pass
	MCH	22.79	1.5	24.29	0.269	1.000	Pass
	HCH	21.43	1.5	22.93	0.196	1.000	Pass
HSUPA Band 4	LCH	22.78	1.5	24.28	0.268	1.000	Pass
	MCH	22.97	1.5	24.47	0.280	1.000	Pass
	HCH	22.77	1.5	24.27	0.267	1.000	Pass

Test Band	Test Channel	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
WCDMA Band 5	LCH	23.07	0.5	-1.65	21.42	0.139	7.000	Pass
	MCH	23.11	0.5	-1.65	21.46	0.140	7.000	Pass
	HCH	23.06	0.5	-1.65	21.41	0.138	7.000	Pass
HSDPA Band 5	LCH	22.03	0.5	-1.65	20.38	0.109	7.000	Pass
	MCH	22.08	0.5	-1.65	20.43	0.110	7.000	Pass
	HCH	22.05	0.5	-1.65	20.40	0.110	7.000	Pass
HSUPA Band 5	LCH	22.02	0.5	-1.65	20.37	0.109	7.000	Pass
	MCH	21.99	0.5	-1.65	20.34	0.108	7.000	Pass
	HCH	21.99	0.5	-1.65	20.34	0.108	7.000	Pass

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

Note 2: ERP/EIRP = P_{Meas} + GT − LC

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

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

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

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

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

HSDPA Conducted Output Power

Band	Channel	Conducted Output Average Power							
		Subtest1		Subtest2		Subtest3		Subtest4	
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)
HSDPA Band 2	LCH	21.99	0.158	21.93	0.156	21.45	0.140	21.40	0.138
	MCH	22.04	0.160	22.01	0.159	21.53	0.142	21.48	0.141
	HCH	22.09	0.162	22.00	0.158	21.57	0.144	21.58	0.144
HSDPA Band 4	LCH	22.98	0.199	23.03	0.201	22.99	0.199	22.94	0.197
	MCH	22.79	0.190	22.70	0.186	22.14	0.164	22.13	0.163
	HCH	21.43	0.139	21.41	0.138	21.37	0.137	21.41	0.138
HSDPA Band 5	LCH	22.03	0.160	22.01	0.159	21.52	0.142	21.48	0.141
	MCH	22.07	0.161	22.08	0.161	21.53	0.142	21.55	0.143
	HCH	22.01	0.159	22.05	0.160	21.53	0.142	21.54	0.143

HSUPA Conducted Output Power

Band	Channel	Conducted Output Average Power									
		Subtest1		Subtest2		Subtest3		Subtest4		Subtest5	
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)
HSUPA Band 2	LCH	21.91	0.155	19.93	0.098	20.84	0.121	20.07	0.102	21.81	0.152
	MCH	22.00	0.158	19.98	0.100	21.04	0.127	20.01	0.100	21.90	0.155
	HCH	21.97	0.157	20.07	0.102	21.07	0.128	20.02	0.100	21.91	0.155
HSUPA Band 4	LCH	22.54	0.179	21.52	0.142	22.53	0.179	21.55	0.143	22.78	0.190
	MCH	22.54	0.179	21.15	0.130	22.11	0.163	21.12	0.129	22.97	0.198
	HCH	22.38	0.173	21.62	0.145	22.44	0.175	21.52	0.142	22.77	0.189
HSUPA Band 5	LCH	22.02	0.159	20.06	0.101	21.16	0.131	20.11	0.103	22.02	0.159
	MCH	21.99	0.158	20.19	0.104	20.92	0.124	20.08	0.102	21.82	0.152
	HCH	21.99	0.158	19.78	0.095	20.99	0.126	20.10	0.102	21.77	0.150

LTE Mode Test Data

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
1.4 MHz	LCH	QPSK	RB1#0	22.73	1.5	24.23	0.265	2.00	Pass
			RB1#3	22.78	1.5	24.28	0.268	2.00	Pass
			RB1#5	22.64	1.5	24.14	0.259	2.00	Pass
			RB3#0	22.7	1.5	24.20	0.263	2.00	Pass
			RB3#2	22.8	1.5	24.30	0.269	2.00	Pass
			RB3#3	22.75	1.5	24.25	0.266	2.00	Pass
			RB6#0	21.67	1.5	23.17	0.207	2.00	Pass
		16-QAM	RB1#0	21.8	1.5	23.30	0.214	2.00	Pass
			RB1#3	21.89	1.5	23.39	0.218	2.00	Pass
			RB1#5	21.82	1.5	23.32	0.215	2.00	Pass
			RB3#0	21.84	1.5	23.34	0.216	2.00	Pass
			RB3#2	21.91	1.5	23.41	0.219	2.00	Pass
			RB3#3	21.86	1.5	23.36	0.217	2.00	Pass
			RB6#0	20.87	1.5	22.37	0.173	2.00	Pass
	MCH	QPSK	RB1#0	22.76	1.5	24.26	0.267	2.00	Pass
			RB1#3	22.83	1.5	24.33	0.271	2.00	Pass
			RB1#5	22.75	1.5	24.25	0.266	2.00	Pass
			RB3#0	22.79	1.5	24.29	0.269	2.00	Pass
			RB3#2	22.89	1.5	24.39	0.275	2.00	Pass
			RB3#3	22.86	1.5	24.36	0.273	2.00	Pass
			RB6#0	21.81	1.5	23.31	0.214	2.00	Pass
		16-QAM	RB1#0	22.15	1.5	23.65	0.232	2.00	Pass
			RB1#3	22.24	1.5	23.74	0.237	2.00	Pass
			RB1#5	22.17	1.5	23.67	0.233	2.00	Pass
			RB3#0	22.09	1.5	23.59	0.229	2.00	Pass
			RB3#2	22.11	1.5	23.61	0.230	2.00	Pass
			RB3#3	22.07	1.5	23.57	0.228	2.00	Pass
			RB6#0	20.76	1.5	22.26	0.168	2.00	Pass
	HCH	QPSK	RB1#0	22.79	1.5	24.29	0.269	2.00	Pass
			RB1#3	22.84	1.5	24.34	0.272	2.00	Pass
			RB1#5	22.78	1.5	24.28	0.268	2.00	Pass
			RB3#0	22.86	1.5	24.36	0.273	2.00	Pass
			RB3#2	22.92	1.5	24.42	0.277	2.00	Pass
			RB3#3	22.9	1.5	24.40	0.275	2.00	Pass
			RB6#0	21.86	1.5	23.36	0.217	2.00	Pass
		16-QAM	RB1#0	21.88	1.5	23.38	0.218	2.00	Pass
			RB1#3	21.94	1.5	23.44	0.221	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB1#5	21.85	1.5	23.35	0.216	2.00	Pass
			RB3#0	22.03	1.5	23.53	0.225	2.00	Pass
			RB3#2	22.13	1.5	23.63	0.231	2.00	Pass
			RB3#3	22.04	1.5	23.54	0.226	2.00	Pass
			RB6#0	21.02	1.5	22.52	0.179	2.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.81	1.5	24.31	0.270	2.00	Pass
			RB1#7	22.83	1.5	24.33	0.271	2.00	Pass
			RB1#14	22.83	1.5	24.33	0.271	2.00	Pass
			RB8#0	21.91	1.5	23.41	0.219	2.00	Pass
			RB8#4	21.93	1.5	23.43	0.220	2.00	Pass
			RB8#7	21.92	1.5	23.42	0.220	2.00	Pass
			RB15#0	21.92	1.5	23.42	0.220	2.00	Pass
		16-QAM	RB1#0	21.8	1.5	23.30	0.214	2.00	Pass
			RB1#7	21.85	1.5	23.35	0.216	2.00	Pass
			RB1#14	21.82	1.5	23.32	0.215	2.00	Pass
			RB8#0	20.95	1.5	22.45	0.176	2.00	Pass
			RB8#4	20.99	1.5	22.49	0.177	2.00	Pass
			RB8#7	21.06	1.5	22.56	0.180	2.00	Pass
			RB15#0	20.96	1.5	22.46	0.176	2.00	Pass
	MCH	QPSK	RB1#0	22.87	1.5	24.37	0.274	2.00	Pass
			RB1#7	22.85	1.5	24.35	0.272	2.00	Pass
			RB1#14	22.84	1.5	24.34	0.272	2.00	Pass
			RB8#0	21.88	1.5	23.38	0.218	2.00	Pass
			RB8#4	21.93	1.5	23.43	0.220	2.00	Pass
			RB8#7	21.9	1.5	23.40	0.219	2.00	Pass
			RB15#0	21.9	1.5	23.40	0.219	2.00	Pass
		16-QAM	RB1#0	22.26	1.5	23.76	0.238	2.00	Pass
			RB1#7	22.25	1.5	23.75	0.237	2.00	Pass
			RB1#14	22.26	1.5	23.76	0.238	2.00	Pass
			RB8#0	21	1.5	22.50	0.178	2.00	Pass
			RB8#4	21.06	1.5	22.56	0.180	2.00	Pass
			RB8#7	20.99	1.5	22.49	0.177	2.00	Pass
			RB15#0	20.95	1.5	22.45	0.176	2.00	Pass
	HCH	QPSK	RB1#0	22.88	1.5	24.38	0.274	2.00	Pass
			RB1#7	22.88	1.5	24.38	0.274	2.00	Pass
			RB1#14	22.83	1.5	24.33	0.271	2.00	Pass
			RB8#0	21.9	1.5	23.40	0.219	2.00	Pass
			RB8#4	21.96	1.5	23.46	0.222	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB8#7	21.91	1.5	23.41	0.219	2.00	Pass
			RB15#0	21.94	1.5	23.44	0.221	2.00	Pass
		16-QAM	RB1#0	21.91	1.5	23.41	0.219	2.00	Pass
			RB1#7	21.93	1.5	23.43	0.220	2.00	Pass
			RB1#14	21.9	1.5	23.40	0.219	2.00	Pass
			RB8#0	20.92	1.5	22.42	0.175	2.00	Pass
			RB8#4	21.01	1.5	22.51	0.178	2.00	Pass
			RB8#7	20.98	1.5	22.48	0.177	2.00	Pass
			RB15#0	20.89	1.5	22.39	0.173	2.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.82	1.5	24.32	0.270	2.00	Pass
			RB1#13	22.89	1.5	24.39	0.275	2.00	Pass
			RB1#24	22.86	1.5	24.36	0.273	2.00	Pass
			RB12#0	21.88	1.5	23.38	0.218	2.00	Pass
			RB12#6	21.85	1.5	23.35	0.216	2.00	Pass
			RB12#13	21.85	1.5	23.35	0.216	2.00	Pass
			RB25#0	21.85	1.5	23.35	0.216	2.00	Pass
		16-QAM	RB1#0	22.03	1.5	23.53	0.225	2.00	Pass
			RB1#13	22.06	1.5	23.56	0.227	2.00	Pass
			RB1#24	22.07	1.5	23.57	0.228	2.00	Pass
			RB12#0	20.97	1.5	22.47	0.177	2.00	Pass
			RB12#6	21	1.5	22.50	0.178	2.00	Pass
			RB12#13	20.96	1.5	22.46	0.176	2.00	Pass
			RB25#0	20.92	1.5	22.42	0.175	2.00	Pass
	MCH	QPSK	RB1#0	22.88	1.5	24.38	0.274	2.00	Pass
			RB1#13	22.95	1.5	24.45	0.279	2.00	Pass
			RB1#24	22.91	1.5	24.41	0.276	2.00	Pass
			RB12#0	21.91	1.5	23.41	0.219	2.00	Pass
			RB12#6	21.96	1.5	23.46	0.222	2.00	Pass
			RB12#13	21.9	1.5	23.40	0.219	2.00	Pass
			RB25#0	21.94	1.5	23.44	0.221	2.00	Pass
		16-QAM	RB1#0	22.38	1.5	23.88	0.244	2.00	Pass
			RB1#13	22.46	1.5	23.96	0.249	2.00	Pass
			RB1#24	22.4	1.5	23.90	0.245	2.00	Pass
			RB12#0	21.08	1.5	22.58	0.181	2.00	Pass
			RB12#6	21.08	1.5	22.58	0.181	2.00	Pass
			RB12#13	21.12	1.5	22.62	0.183	2.00	Pass
			RB25#0	21.02	1.5	22.52	0.179	2.00	Pass
	HCH	QPSK	RB1#0	22.83	1.5	24.33	0.271	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB1#13	22.96	1.5	24.46	0.279	2.00	Pass
			RB1#24	22.89	1.5	24.39	0.275	2.00	Pass
			RB12#0	21.96	1.5	23.46	0.222	2.00	Pass
			RB12#6	21.98	1.5	23.48	0.223	2.00	Pass
			RB12#13	21.89	1.5	23.39	0.218	2.00	Pass
			RB25#0	21.93	1.5	23.43	0.220	2.00	Pass
		16-QAM	RB1#0	22.03	1.5	23.53	0.225	2.00	Pass
			RB1#13	22.07	1.5	23.57	0.228	2.00	Pass
			RB1#24	22.06	1.5	23.56	0.227	2.00	Pass
			RB12#0	21.03	1.5	22.53	0.179	2.00	Pass
			RB12#6	21.05	1.5	22.55	0.180	2.00	Pass
			RB12#13	21.03	1.5	22.53	0.179	2.00	Pass
			RB25#0	20.93	1.5	22.43	0.175	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.75	1.5	24.25	0.266	2.00	Pass
			RB1#25	22.77	1.5	24.27	0.267	2.00	Pass
			RB1#49	22.69	1.5	24.19	0.262	2.00	Pass
			RB25#0	21.85	1.5	23.35	0.216	2.00	Pass
			RB25#13	21.9	1.5	23.40	0.219	2.00	Pass
			RB25#25	21.77	1.5	23.27	0.212	2.00	Pass
			RB50#0	21.8	1.5	23.30	0.214	2.00	Pass
		16-QAM	RB1#0	21.78	1.5	23.28	0.213	2.00	Pass
			RB1#25	21.79	1.5	23.29	0.213	2.00	Pass
			RB1#49	21.72	1.5	23.22	0.210	2.00	Pass
			RB25#0	20.9	1.5	22.40	0.174	2.00	Pass
			RB25#13	20.98	1.5	22.48	0.177	2.00	Pass
			RB25#25	20.84	1.5	22.34	0.171	2.00	Pass
			RB50#0	20.82	1.5	22.32	0.171	2.00	Pass
	MCH	QPSK	RB1#0	22.86	1.5	24.36	0.273	2.00	Pass
			RB1#25	22.89	1.5	24.39	0.275	2.00	Pass
			RB1#49	22.88	1.5	24.38	0.274	2.00	Pass
			RB25#0	21.88	1.5	23.38	0.218	2.00	Pass
			RB25#13	21.96	1.5	23.46	0.222	2.00	Pass
			RB25#25	21.95	1.5	23.45	0.221	2.00	Pass
			RB50#0	21.94	1.5	23.44	0.221	2.00	Pass
		16-QAM	RB1#0	22.25	1.5	23.75	0.237	2.00	Pass
			RB1#25	22.29	1.5	23.79	0.239	2.00	Pass
			RB1#49	22.29	1.5	23.79	0.239	2.00	Pass
			RB25#0	21	1.5	22.50	0.178	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB25#13	21.03	1.5	22.53	0.179	2.00	Pass
			RB25#25	20.99	1.5	22.49	0.177	2.00	Pass
			RB50#0	20.98	1.5	22.48	0.177	2.00	Pass
	HCH	QPSK	RB1#0	22.85	1.5	24.35	0.272	2.00	Pass
			RB1#25	22.93	1.5	24.43	0.277	2.00	Pass
			RB1#49	22.87	1.5	24.37	0.274	2.00	Pass
			RB25#0	21.94	1.5	23.44	0.221	2.00	Pass
			RB25#13	21.98	1.5	23.48	0.223	2.00	Pass
			RB25#25	21.96	1.5	23.46	0.222	2.00	Pass
			RB50#0	21.92	1.5	23.42	0.220	2.00	Pass
		16-QAM	RB1#0	21.91	1.5	23.41	0.219	2.00	Pass
			RB1#25	21.96	1.5	23.46	0.222	2.00	Pass
			RB1#49	21.88	1.5	23.38	0.218	2.00	Pass
			RB25#0	21.01	1.5	22.51	0.178	2.00	Pass
			RB25#13	21.1	1.5	22.60	0.182	2.00	Pass
			RB25#25	21.07	1.5	22.57	0.181	2.00	Pass
			RB50#0	20.98	1.5	22.48	0.177	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.77	1.5	24.27	0.267	2.00	Pass
			RB1#38	22.83	1.5	24.33	0.271	2.00	Pass
			RB1#74	22.72	1.5	24.22	0.264	2.00	Pass
			RB36#0	21.88	1.5	23.38	0.218	2.00	Pass
			RB36#19	21.8	1.5	23.30	0.214	2.00	Pass
			RB36#39	21.8	1.5	23.30	0.214	2.00	Pass
			RB75#0	21.81	1.5	23.31	0.214	2.00	Pass
		16-QAM	RB1#0	21.78	1.5	23.28	0.213	2.00	Pass
			RB1#38	21.83	1.5	23.33	0.215	2.00	Pass
			RB1#74	21.72	1.5	23.22	0.210	2.00	Pass
			RB36#0	20.9	1.5	22.40	0.174	2.00	Pass
			RB36#19	20.84	1.5	22.34	0.171	2.00	Pass
			RB36#39	20.87	1.5	22.37	0.173	2.00	Pass
			RB75#0	20.84	1.5	22.34	0.171	2.00	Pass
	MCH	QPSK	RB1#0	22.85	1.5	24.35	0.272	2.00	Pass
			RB1#38	22.86	1.5	24.36	0.273	2.00	Pass
			RB1#74	22.86	1.5	24.36	0.273	2.00	Pass
			RB36#0	21.91	1.5	23.41	0.219	2.00	Pass
			RB36#19	21.95	1.5	23.45	0.221	2.00	Pass
			RB36#39	21.94	1.5	23.44	0.221	2.00	Pass
			RB75#0	21.92	1.5	23.42	0.220	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB1#0	22.22	1.5	23.72	0.236	2.00	Pass
			RB1#38	22.28	1.5	23.78	0.239	2.00	Pass
			RB1#74	22.25	1.5	23.75	0.237	2.00	Pass
		16-QAM	RB36#0	21.01	1.5	22.51	0.178	2.00	Pass
			RB36#19	21.05	1.5	22.55	0.180	2.00	Pass
			RB36#39	21	1.5	22.50	0.178	2.00	Pass
			RB75#0	20.94	1.5	22.44	0.175	2.00	Pass
	HCH		RB1#0	22.82	1.5	24.32	0.270	2.00	Pass
			RB1#38	22.84	1.5	24.34	0.272	2.00	Pass
			RB1#74	22.88	1.5	24.38	0.274	2.00	Pass
		QPSK	RB36#0	21.92	1.5	23.42	0.220	2.00	Pass
			RB36#19	21.94	1.5	23.44	0.221	2.00	Pass
			RB36#39	21.96	1.5	23.46	0.222	2.00	Pass
			RB75#0	21.91	1.5	23.41	0.219	2.00	Pass
			RB1#0	22.29	1.5	23.79	0.239	2.00	Pass
			RB1#38	22.36	1.5	23.86	0.243	2.00	Pass
			RB1#74	22.29	1.5	23.79	0.239	2.00	Pass
		16-QAM	RB36#0	20.88	1.5	22.38	0.173	2.00	Pass
			RB36#19	20.96	1.5	22.46	0.176	2.00	Pass
			RB36#39	20.93	1.5	22.43	0.175	2.00	Pass
			RB75#0	20.9	1.5	22.40	0.174	2.00	Pass
20 MHz	LCH		RB1#0	22.8	1.5	24.30	0.269	2.00	Pass
			RB1#50	22.79	1.5	24.29	0.269	2.00	Pass
			RB1#99	22.81	1.5	24.31	0.270	2.00	Pass
		QPSK	RB50#0	21.82	1.5	23.32	0.215	2.00	Pass
			RB50#25	21.83	1.5	23.33	0.215	2.00	Pass
			RB50#50	21.85	1.5	23.35	0.216	2.00	Pass
			RB100#0	21.83	1.5	23.33	0.215	2.00	Pass
			RB1#0	22.37	1.5	23.87	0.244	2.00	Pass
			RB1#50	22.34	1.5	23.84	0.242	2.00	Pass
			RB1#99	22.33	1.5	23.83	0.242	2.00	Pass
		16-QAM	RB50#0	20.87	1.5	22.37	0.173	2.00	Pass
			RB50#25	20.92	1.5	22.42	0.175	2.00	Pass
			RB50#50	20.91	1.5	22.41	0.174	2.00	Pass
			RB100#0	20.91	1.5	22.41	0.174	2.00	Pass
	MCH		RB1#0	22.96	1.5	24.46	0.279	2.00	Pass
		QPSK	RB1#50	22.96	1.5	24.46	0.279	2.00	Pass
			RB1#99	22.94	1.5	24.44	0.278	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND2									
			RB50#0	21.92	1.5	23.42	0.220	2.00	Pass
			RB50#25	22.02	1.5	23.52	0.225	2.00	Pass
			RB50#50	22	1.5	23.50	0.224	2.00	Pass
			RB100#0	22	1.5	23.50	0.224	2.00	Pass
		16-QAM	RB1#0	22.48	1.5	23.98	0.250	2.00	Pass
			RB1#50	22.42	1.5	23.92	0.247	2.00	Pass
			RB1#99	22.41	1.5	23.91	0.246	2.00	Pass
			RB50#0	21	1.5	22.50	0.178	2.00	Pass
			RB50#25	21.05	1.5	22.55	0.180	2.00	Pass
			RB50#50	21.03	1.5	22.53	0.179	2.00	Pass
			RB100#0	21.01	1.5	22.51	0.178	2.00	Pass
	HCH	QPSK	RB1#0	22.84	1.5	24.34	0.272	2.00	Pass
			RB1#50	22.81	1.5	24.31	0.270	2.00	Pass
			RB1#99	22.86	1.5	24.36	0.273	2.00	Pass
			RB50#0	21.96	1.5	23.46	0.222	2.00	Pass
			RB50#25	21.92	1.5	23.42	0.220	2.00	Pass
			RB50#50	21.96	1.5	23.46	0.222	2.00	Pass
			RB100#0	22.03	1.5	23.53	0.225	2.00	Pass
		16-QAM	RB1#0	22.27	1.5	23.77	0.238	2.00	Pass
			RB1#50	22.27	1.5	23.77	0.238	2.00	Pass
			RB1#99	22.29	1.5	23.79	0.239	2.00	Pass
			RB50#0	20.99	1.5	22.49	0.177	2.00	Pass
			RB50#25	20.96	1.5	22.46	0.176	2.00	Pass
			RB50#50	20.93	1.5	22.43	0.175	2.00	Pass
			RB100#0	21.04	1.5	22.54	0.179	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND4									
1.4 MHz	LCH	QPSK	RB1#0	22.77	1.5	24.27	0.267	1.000	Pass
			RB1#3	22.82	1.5	24.32	0.270	1.000	Pass
			RB1#5	22.81	1.5	24.31	0.270	1.000	Pass
			RB3#0	22.82	1.5	24.32	0.270	1.000	Pass
			RB3#2	22.93	1.5	24.43	0.277	1.000	Pass
			RB3#3	22.84	1.5	24.34	0.272	1.000	Pass
			RB6#0	21.81	1.5	23.31	0.214	1.000	Pass
		16-QAM	RB1#0	21.8	1.5	23.30	0.214	1.000	Pass
			RB1#3	21.91	1.5	23.41	0.219	1.000	Pass
			RB1#5	21.88	1.5	23.38	0.218	1.000	Pass
			RB3#0	22.01	1.5	23.51	0.224	1.000	Pass
			RB3#2	22.1	1.5	23.60	0.229	1.000	Pass
			RB3#3	22	1.5	23.50	0.224	1.000	Pass
			RB6#0	21.03	1.5	22.53	0.179	1.000	Pass
	MCH	QPSK	RB1#0	22.84	1.5	24.34	0.272	1.000	Pass
			RB1#3	22.87	1.5	24.37	0.274	1.000	Pass
			RB1#5	22.84	1.5	24.34	0.272	1.000	Pass
			RB3#0	22.89	1.5	24.39	0.275	1.000	Pass
			RB3#2	22.96	1.5	24.46	0.279	1.000	Pass
			RB3#3	22.94	1.5	24.44	0.278	1.000	Pass
			RB6#0	21.84	1.5	23.34	0.216	1.000	Pass
		16-QAM	RB1#0	21.98	1.5	23.48	0.223	1.000	Pass
			RB1#3	22.07	1.5	23.57	0.228	1.000	Pass
			RB1#5	22.02	1.5	23.52	0.225	1.000	Pass
			RB3#0	21.98	1.5	23.48	0.223	1.000	Pass
			RB3#2	22.05	1.5	23.55	0.226	1.000	Pass
			RB3#3	22.01	1.5	23.51	0.224	1.000	Pass
			RB6#0	21.07	1.5	22.57	0.181	1.000	Pass
	HCH	QPSK	RB1#0	22.86	1.5	24.36	0.273	1.000	Pass
			RB1#3	22.93	1.5	24.43	0.277	1.000	Pass
			RB1#5	22.89	1.5	24.39	0.275	1.000	Pass
			RB3#0	22.9	1.5	24.40	0.275	1.000	Pass
			RB3#2	23.01	1.5	24.51	0.282	1.000	Pass
			RB3#3	22.93	1.5	24.43	0.277	1.000	Pass
			RB6#0	21.96	1.5	23.46	0.222	1.000	Pass
		16-QAM	RB1#0	22.26	1.5	23.76	0.238	1.000	Pass
			RB1#3	22.29	1.5	23.79	0.239	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 BAND4									
			RB1#5	22.27	1.5	23.77	0.238	1.000	Pass
			RB3#0	22.15	1.5	23.65	0.232	1.000	Pass
			RB3#2	22.18	1.5	23.68	0.233	1.000	Pass
			RB3#3	22.13	1.5	23.63	0.231	1.000	Pass
			RB6#0	20.86	1.5	22.36	0.172	1.000	Pass
3 MHz	LCH	QPSK	RB1#0	22.87	1.5	24.37	0.274	1.000	Pass
			RB1#7	22.9	1.5	24.40	0.275	1.000	Pass
			RB1#14	22.89	1.5	24.39	0.275	1.000	Pass
			RB8#0	21.9	1.5	23.40	0.219	1.000	Pass
			RB8#4	21.98	1.5	23.48	0.223	1.000	Pass
			RB8#7	21.89	1.5	23.39	0.218	1.000	Pass
			RB15#0	21.93	1.5	23.43	0.220	1.000	Pass
		16-QAM	RB1#0	21.97	1.5	23.47	0.222	1.000	Pass
			RB1#7	21.95	1.5	23.45	0.221	1.000	Pass
			RB1#14	21.95	1.5	23.45	0.221	1.000	Pass
			RB8#0	20.95	1.5	22.45	0.176	1.000	Pass
			RB8#4	20.99	1.5	22.49	0.177	1.000	Pass
			RB8#7	20.95	1.5	22.45	0.176	1.000	Pass
			RB15#0	20.89	1.5	22.39	0.173	1.000	Pass
	MCH	QPSK	RB1#0	22.86	1.5	24.36	0.273	1.000	Pass
			RB1#7	22.85	1.5	24.35	0.272	1.000	Pass
			RB1#14	22.83	1.5	24.33	0.271	1.000	Pass
			RB8#0	21.94	1.5	23.44	0.221	1.000	Pass
			RB8#4	21.99	1.5	23.49	0.223	1.000	Pass
			RB8#7	21.94	1.5	23.44	0.221	1.000	Pass
			RB15#0	21.96	1.5	23.46	0.222	1.000	Pass
		16-QAM	RB1#0	21.85	1.5	23.35	0.216	1.000	Pass
			RB1#7	21.89	1.5	23.39	0.218	1.000	Pass
			RB1#14	21.88	1.5	23.38	0.218	1.000	Pass
			RB8#0	21.05	1.5	22.55	0.180	1.000	Pass
			RB8#4	21.13	1.5	22.63	0.183	1.000	Pass
			RB8#7	21.09	1.5	22.59	0.182	1.000	Pass
			RB15#0	21.05	1.5	22.55	0.180	1.000	Pass
	HCH	QPSK	RB1#0	22.94	1.5	24.44	0.278	1.000	Pass
			RB1#7	22.98	1.5	24.48	0.281	1.000	Pass
			RB1#14	22.97	1.5	24.47	0.280	1.000	Pass
			RB8#0	21.98	1.5	23.48	0.223	1.000	Pass
			RB8#4	22.05	1.5	23.55	0.226	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 BAND4									
			RB8#7	22.01	1.5	23.51	0.224	1.000	Pass
			RB15#0	22.02	1.5	23.52	0.225	1.000	Pass
		16-QAM	RB1#0	22.34	1.5	23.84	0.242	1.000	Pass
			RB1#7	22.34	1.5	23.84	0.242	1.000	Pass
			RB1#14	22.32	1.5	23.82	0.241	1.000	Pass
			RB8#0	21.07	1.5	22.57	0.181	1.000	Pass
			RB8#4	21.14	1.5	22.64	0.184	1.000	Pass
			RB8#7	21.03	1.5	22.53	0.179	1.000	Pass
			RB15#0	21.02	1.5	22.52	0.179	1.000	Pass
5 MHz	LCH	QPSK	RB1#0	22.85	1.5	24.35	0.272	1.000	Pass
			RB1#13	22.94	1.5	24.44	0.278	1.000	Pass
			RB1#24	22.9	1.5	24.40	0.275	1.000	Pass
			RB12#0	21.92	1.5	23.42	0.220	1.000	Pass
			RB12#6	21.93	1.5	23.43	0.220	1.000	Pass
			RB12#13	21.91	1.5	23.41	0.219	1.000	Pass
			RB25#0	21.9	1.5	23.40	0.219	1.000	Pass
		16-QAM	RB1#0	22.06	1.5	23.56	0.227	1.000	Pass
			RB1#13	22.1	1.5	23.60	0.229	1.000	Pass
			RB1#24	22.03	1.5	23.53	0.225	1.000	Pass
			RB12#0	21	1.5	22.50	0.178	1.000	Pass
			RB12#6	21.05	1.5	22.55	0.180	1.000	Pass
			RB12#13	21.03	1.5	22.53	0.179	1.000	Pass
			RB25#0	20.9	1.5	22.40	0.174	1.000	Pass
	MCH	QPSK	RB1#0	22.88	1.5	24.38	0.274	1.000	Pass
			RB1#13	23.01	1.5	24.51	0.282	1.000	Pass
			RB1#24	22.92	1.5	24.42	0.277	1.000	Pass
			RB12#0	21.96	1.5	23.46	0.222	1.000	Pass
			RB12#6	21.97	1.5	23.47	0.222	1.000	Pass
			RB12#13	21.92	1.5	23.42	0.220	1.000	Pass
			RB25#0	21.97	1.5	23.47	0.222	1.000	Pass
		16-QAM	RB1#0	22.08	1.5	23.58	0.228	1.000	Pass
			RB1#13	22.21	1.5	23.71	0.235	1.000	Pass
			RB1#24	22.12	1.5	23.62	0.230	1.000	Pass
			RB12#0	21.07	1.5	22.57	0.181	1.000	Pass
			RB12#6	21.09	1.5	22.59	0.182	1.000	Pass
			RB12#13	21.06	1.5	22.56	0.180	1.000	Pass
			RB25#0	21.01	1.5	22.51	0.178	1.000	Pass
	HCH	QPSK	RB1#0	22.97	1.5	24.47	0.280	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 BAND4									
			RB1#13	23.02	1.5	24.52	0.283	1.000	Pass
			RB1#24	22.99	1.5	24.49	0.281	1.000	Pass
			RB12#0	21.97	1.5	23.47	0.222	1.000	Pass
			RB12#6	22.01	1.5	23.51	0.224	1.000	Pass
			RB12#13	21.98	1.5	23.48	0.223	1.000	Pass
			RB25#0	22.03	1.5	23.53	0.225	1.000	Pass
		16-QAM	RB1#0	22.42	1.5	23.92	0.247	1.000	Pass
			RB1#13	22.57	1.5	24.07	0.255	1.000	Pass
			RB1#24	22.47	1.5	23.97	0.249	1.000	Pass
			RB12#0	21.12	1.5	22.62	0.183	1.000	Pass
			RB12#6	21.16	1.5	22.66	0.185	1.000	Pass
			RB12#13	21.14	1.5	22.64	0.184	1.000	Pass
			RB25#0	21.09	1.5	22.59	0.182	1.000	Pass
10 MHz	LCH	QPSK	RB1#0	22.87	1.5	24.37	0.274	1.000	Pass
			RB1#25	22.89	1.5	24.39	0.275	1.000	Pass
			RB1#49	22.89	1.5	24.39	0.275	1.000	Pass
			RB25#0	21.9	1.5	23.40	0.219	1.000	Pass
			RB25#13	21.94	1.5	23.44	0.221	1.000	Pass
			RB25#25	21.97	1.5	23.47	0.222	1.000	Pass
			RB50#0	21.96	1.5	23.46	0.222	1.000	Pass
		16-QAM	RB1#0	21.98	1.5	23.48	0.223	1.000	Pass
			RB1#25	21.96	1.5	23.46	0.222	1.000	Pass
			RB1#49	21.94	1.5	23.44	0.221	1.000	Pass
			RB25#0	21.03	1.5	22.53	0.179	1.000	Pass
			RB25#13	21.09	1.5	22.59	0.182	1.000	Pass
			RB25#25	21.03	1.5	22.53	0.179	1.000	Pass
			RB50#0	21	1.5	22.50	0.178	1.000	Pass
	MCH	QPSK	RB1#0	22.87	1.5	24.37	0.274	1.000	Pass
			RB1#25	22.88	1.5	24.38	0.274	1.000	Pass
			RB1#49	22.91	1.5	24.41	0.276	1.000	Pass
			RB25#0	21.97	1.5	23.47	0.222	1.000	Pass
			RB25#13	22.01	1.5	23.51	0.224	1.000	Pass
			RB25#25	21.99	1.5	23.49	0.223	1.000	Pass
			RB50#0	21.98	1.5	23.48	0.223	1.000	Pass
		16-QAM	RB1#0	21.87	1.5	23.37	0.217	1.000	Pass
			RB1#25	21.88	1.5	23.38	0.218	1.000	Pass
			RB1#49	21.9	1.5	23.40	0.219	1.000	Pass
			RB25#0	21.04	1.5	22.54	0.179	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 BAND4									
			RB25#13	21.06	1.5	22.56	0.180	1.000	Pass
			RB25#25	21.05	1.5	22.55	0.180	1.000	Pass
			RB50#0	20.99	1.5	22.49	0.177	1.000	Pass
	HCH	QPSK	RB1#0	22.91	1.5	24.41	0.276	1.000	Pass
			RB1#25	22.92	1.5	24.42	0.277	1.000	Pass
			RB1#49	22.91	1.5	24.41	0.276	1.000	Pass
			RB25#0	21.95	1.5	23.45	0.221	1.000	Pass
			RB25#13	21.97	1.5	23.47	0.222	1.000	Pass
			RB25#25	21.95	1.5	23.45	0.221	1.000	Pass
			RB50#0	21.95	1.5	23.45	0.221	1.000	Pass
		16-QAM	RB1#0	22.27	1.5	23.77	0.238	1.000	Pass
			RB1#25	22.3	1.5	23.80	0.240	1.000	Pass
			RB1#49	22.29	1.5	23.79	0.239	1.000	Pass
			RB25#0	21.03	1.5	22.53	0.179	1.000	Pass
			RB25#13	21.06	1.5	22.56	0.180	1.000	Pass
			RB25#25	21.06	1.5	22.56	0.180	1.000	Pass
			RB50#0	21.04	1.5	22.54	0.179	1.000	Pass
15 MHz	LCH	QPSK	RB1#0	22.85	1.5	24.35	0.272	1.000	Pass
			RB1#38	22.88	1.5	24.38	0.274	1.000	Pass
			RB1#74	22.77	1.5	24.27	0.267	1.000	Pass
			RB36#0	21.96	1.5	23.46	0.222	1.000	Pass
			RB36#19	21.9	1.5	23.40	0.219	1.000	Pass
			RB36#39	21.92	1.5	23.42	0.220	1.000	Pass
			RB75#0	21.86	1.5	23.36	0.217	1.000	Pass
		16-QAM	RB1#0	22.4	1.5	23.90	0.245	1.000	Pass
			RB1#38	22.38	1.5	23.88	0.244	1.000	Pass
			RB1#74	22.24	1.5	23.74	0.237	1.000	Pass
			RB36#0	20.96	1.5	22.46	0.176	1.000	Pass
			RB36#19	20.85	1.5	22.35	0.172	1.000	Pass
			RB36#39	20.86	1.5	22.36	0.172	1.000	Pass
			RB75#0	20.9	1.5	22.40	0.174	1.000	Pass
	MCH	QPSK	RB1#0	22.84	1.5	24.34	0.272	1.000	Pass
			RB1#38	22.89	1.5	24.39	0.275	1.000	Pass
			RB1#74	22.87	1.5	24.37	0.274	1.000	Pass
			RB36#0	21.96	1.5	23.46	0.222	1.000	Pass
			RB36#19	21.98	1.5	23.48	0.223	1.000	Pass
			RB36#39	21.98	1.5	23.48	0.223	1.000	Pass
			RB75#0	21.96	1.5	23.46	0.222	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 BAND4									
			RB1#0	21.83	1.5	23.33	0.215	1.000	Pass
			RB1#38	21.91	1.5	23.41	0.219	1.000	Pass
			RB1#74	21.87	1.5	23.37	0.217	1.000	Pass
		16-QAM	RB36#0	20.96	1.5	22.46	0.176	1.000	Pass
			RB36#19	20.99	1.5	22.49	0.177	1.000	Pass
			RB36#39	21	1.5	22.50	0.178	1.000	Pass
			RB75#0	20.95	1.5	22.45	0.176	1.000	Pass
			RB1#0	22.96	1.5	24.46	0.279	1.000	Pass
			RB1#38	22.87	1.5	24.37	0.274	1.000	Pass
			RB1#74	22.88	1.5	24.38	0.274	1.000	Pass
		QPSK	RB36#0	22	1.5	23.50	0.224	1.000	Pass
			RB36#19	21.97	1.5	23.47	0.222	1.000	Pass
			RB36#39	22	1.5	23.50	0.224	1.000	Pass
	HCH		RB75#0	22.05	1.5	23.55	0.226	1.000	Pass
			RB1#0	22.38	1.5	23.88	0.244	1.000	Pass
			RB1#38	22.3	1.5	23.80	0.240	1.000	Pass
			RB1#74	22.24	1.5	23.74	0.237	1.000	Pass
		16-QAM	RB36#0	21.08	1.5	22.58	0.181	1.000	Pass
			RB36#19	21.01	1.5	22.51	0.178	1.000	Pass
			RB36#39	21.04	1.5	22.54	0.179	1.000	Pass
			RB75#0	21.11	1.5	22.61	0.182	1.000	Pass
			RB1#0	22.85	1.5	24.35	0.272	1.000	Pass
			RB1#50	22.89	1.5	24.39	0.275	1.000	Pass
			RB1#99	22.79	1.5	24.29	0.269	1.000	Pass
		QPSK	RB50#0	21.94	1.5	23.44	0.221	1.000	Pass
			RB50#25	21.94	1.5	23.44	0.221	1.000	Pass
			RB50#50	21.88	1.5	23.38	0.218	1.000	Pass
			RB100#0	21.85	1.5	23.35	0.216	1.000	Pass
	LCH		RB1#0	22.28	1.5	23.78	0.239	1.000	Pass
			RB1#50	22.35	1.5	23.85	0.243	1.000	Pass
			RB1#99	22.3	1.5	23.80	0.240	1.000	Pass
20 MHz		16-QAM	RB50#0	20.96	1.5	22.46	0.176	1.000	Pass
			RB50#25	20.91	1.5	22.41	0.174	1.000	Pass
			RB50#50	20.9	1.5	22.40	0.174	1.000	Pass
			RB100#0	20.93	1.5	22.43	0.175	1.000	Pass
			RB1#0	22.86	1.5	24.36	0.273	1.000	Pass
	MCH	QPSK	RB1#50	22.92	1.5	24.42	0.277	1.000	Pass
			RB1#99	22.97	1.5	24.47	0.280	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 BAND4									
			RB50#0	21.93	1.5	23.43	0.220	1.000	Pass
			RB50#25	22.02	1.5	23.52	0.225	1.000	Pass
			RB50#50	22	1.5	23.50	0.224	1.000	Pass
			RB100#0	21.94	1.5	23.44	0.221	1.000	Pass
		16-QAM	RB1#0	22.25	1.5	23.75	0.237	1.000	Pass
			RB1#50	22.3	1.5	23.80	0.240	1.000	Pass
			RB1#99	22.38	1.5	23.88	0.244	1.000	Pass
			RB50#0	21	1.5	22.50	0.178	1.000	Pass
			RB50#25	21.04	1.5	22.54	0.179	1.000	Pass
			RB50#50	20.98	1.5	22.48	0.177	1.000	Pass
			RB100#0	20.98	1.5	22.48	0.177	1.000	Pass
	HCH	QPSK	RB1#0	22.89	1.5	24.39	0.275	1.000	Pass
			RB1#50	22.91	1.5	24.41	0.276	1.000	Pass
			RB1#99	22.91	1.5	24.41	0.276	1.000	Pass
			RB50#0	21.96	1.5	23.46	0.222	1.000	Pass
			RB50#25	22.05	1.5	23.55	0.226	1.000	Pass
			RB50#50	21.97	1.5	23.47	0.222	1.000	Pass
			RB100#0	21.98	1.5	23.48	0.223	1.000	Pass
		16-QAM	RB1#0	22.12	1.5	23.62	0.230	1.000	Pass
			RB1#50	22.21	1.5	23.71	0.235	1.000	Pass
			RB1#99	22.36	1.5	23.86	0.243	1.000	Pass
			RB50#0	21.03	1.5	22.53	0.179	1.000	Pass
			RB50#25	21.09	1.5	22.59	0.182	1.000	Pass
			RB50#50	21	1.5	22.50	0.178	1.000	Pass
			RB100#0	21.01	1.5	22.51	0.178	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 BAND5										
1.4 MHz	LCH	QPSK	RB1#0	23.66	0.5	-1.65	22.01	0.159	7.00	Pass
			RB1#3	23.68	0.5	-1.65	22.03	0.160	7.00	Pass
			RB1#5	23.63	0.5	-1.65	21.98	0.158	7.00	Pass
			RB3#0	23.68	0.5	-1.65	22.03	0.160	7.00	Pass
			RB3#2	23.75	0.5	-1.65	22.10	0.162	7.00	Pass
			RB3#3	23.71	0.5	-1.65	22.06	0.161	7.00	Pass
			RB6#0	22.65	0.5	-1.65	21.00	0.126	7.00	Pass
		16-QAM	RB1#0	22.75	0.5	-1.65	21.10	0.129	7.00	Pass
			RB1#3	22.83	0.5	-1.65	21.18	0.131	7.00	Pass
			RB1#5	22.75	0.5	-1.65	21.10	0.129	7.00	Pass
			RB3#0	22.74	0.5	-1.65	21.09	0.129	7.00	Pass
			RB3#2	22.8	0.5	-1.65	21.15	0.130	7.00	Pass
			RB3#3	22.78	0.5	-1.65	21.13	0.130	7.00	Pass
			RB6#0	21.82	0.5	-1.65	20.17	0.104	7.00	Pass
	MCH	QPSK	RB1#0	23.7	0.5	-1.65	22.05	0.160	7.00	Pass
			RB1#3	23.73	0.5	-1.65	22.08	0.161	7.00	Pass
			RB1#5	23.71	0.5	-1.65	22.06	0.161	7.00	Pass
			RB3#0	23.69	0.5	-1.65	22.04	0.160	7.00	Pass
			RB3#2	23.76	0.5	-1.65	22.11	0.163	7.00	Pass
			RB3#3	23.72	0.5	-1.65	22.07	0.161	7.00	Pass
			RB6#0	22.74	0.5	-1.65	21.09	0.129	7.00	Pass
		16-QAM	RB1#0	23.05	0.5	-1.65	21.40	0.138	7.00	Pass
			RB1#3	23.08	0.5	-1.65	21.43	0.139	7.00	Pass
			RB1#5	23.03	0.5	-1.65	21.38	0.137	7.00	Pass
			RB3#0	22.92	0.5	-1.65	21.27	0.134	7.00	Pass
			RB3#2	23	0.5	-1.65	21.35	0.136	7.00	Pass
			RB3#3	22.91	0.5	-1.65	21.26	0.134	7.00	Pass
			RB6#0	21.67	0.5	-1.65	20.02	0.100	7.00	Pass
	HCH	QPSK	RB1#0	23.27	0.5	-1.65	21.62	0.145	7.00	Pass
			RB1#3	23.05	0.5	-1.65	21.40	0.138	7.00	Pass
			RB1#5	22.8	0.5	-1.65	21.15	0.130	7.00	Pass
			RB3#0	23.1	0.5	-1.65	21.45	0.140	7.00	Pass
			RB3#2	22.96	0.5	-1.65	21.31	0.135	7.00	Pass
			RB3#3	22.82	0.5	-1.65	21.17	0.131	7.00	Pass
			RB6#0	22.72	0.5	-1.65	21.07	0.128	7.00	Pass
		16-QAM	RB1#0	22.1	0.5	-1.65	20.45	0.111	7.00	Pass
			RB1#3	21.94	0.5	-1.65	20.29	0.107	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB1#5	21.74	0.5	-1.65	20.09	0.102	7.00	Pass
			RB3#0	22.15	0.5	-1.65	20.50	0.112	7.00	Pass
			RB3#2	22.06	0.5	-1.65	20.41	0.110	7.00	Pass
			RB3#3	21.92	0.5	-1.65	20.27	0.106	7.00	Pass
			RB6#0	21.84	0.5	-1.65	20.19	0.104	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.67	0.5	-1.65	22.02	0.159	7.00	Pass
			RB1#7	23.67	0.5	-1.65	22.02	0.159	7.00	Pass
			RB1#14	23.67	0.5	-1.65	22.02	0.159	7.00	Pass
			RB8#0	22.76	0.5	-1.65	21.11	0.129	7.00	Pass
			RB8#4	22.81	0.5	-1.65	21.16	0.131	7.00	Pass
			RB8#7	22.77	0.5	-1.65	21.12	0.129	7.00	Pass
			RB15#0	22.74	0.5	-1.65	21.09	0.129	7.00	Pass
		16-QAM	RB1#0	22.62	0.5	-1.65	20.97	0.125	7.00	Pass
			RB1#7	22.6	0.5	-1.65	20.95	0.124	7.00	Pass
			RB1#14	22.62	0.5	-1.65	20.97	0.125	7.00	Pass
			RB8#0	21.88	0.5	-1.65	20.23	0.105	7.00	Pass
			RB8#4	21.91	0.5	-1.65	20.26	0.106	7.00	Pass
			RB8#7	21.85	0.5	-1.65	20.20	0.105	7.00	Pass
			RB15#0	21.85	0.5	-1.65	20.20	0.105	7.00	Pass
	MCH	QPSK	RB1#0	23.79	0.5	-1.65	22.14	0.164	7.00	Pass
			RB1#7	23.73	0.5	-1.65	22.08	0.161	7.00	Pass
			RB1#14	23.73	0.5	-1.65	22.08	0.161	7.00	Pass
			RB8#0	22.78	0.5	-1.65	21.13	0.130	7.00	Pass
			RB8#4	22.83	0.5	-1.65	21.18	0.131	7.00	Pass
			RB8#7	22.77	0.5	-1.65	21.12	0.129	7.00	Pass
			RB15#0	22.81	0.5	-1.65	21.16	0.131	7.00	Pass
		16-QAM	RB1#0	23.15	0.5	-1.65	21.50	0.141	7.00	Pass
			RB1#7	23.1	0.5	-1.65	21.45	0.140	7.00	Pass
			RB1#14	23.11	0.5	-1.65	21.46	0.140	7.00	Pass
			RB8#0	21.89	0.5	-1.65	20.24	0.106	7.00	Pass
			RB8#4	21.93	0.5	-1.65	20.28	0.107	7.00	Pass
			RB8#7	21.88	0.5	-1.65	20.23	0.105	7.00	Pass
			RB15#0	21.84	0.5	-1.65	20.19	0.104	7.00	Pass
	HCH	QPSK	RB1#0	23.64	0.5	-1.65	21.99	0.158	7.00	Pass
			RB1#7	23.17	0.5	-1.65	21.52	0.142	7.00	Pass
			RB1#14	22.79	0.5	-1.65	21.14	0.130	7.00	Pass
			RB8#0	22.79	0.5	-1.65	21.14	0.130	7.00	Pass
			RB8#4	22.79	0.5	-1.65	21.14	0.130	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB8#7	22.74	0.5	-1.65	21.09	0.129	7.00	Pass
			RB15#0	22.79	0.5	-1.65	21.14	0.130	7.00	Pass
		16-QAM	RB1#0	22.52	0.5	-1.65	20.87	0.122	7.00	Pass
			RB1#7	22.05	0.5	-1.65	20.40	0.110	7.00	Pass
			RB1#14	21.73	0.5	-1.65	20.08	0.102	7.00	Pass
			RB8#0	21.79	0.5	-1.65	20.14	0.103	7.00	Pass
			RB8#4	21.81	0.5	-1.65	20.16	0.104	7.00	Pass
			RB8#7	21.76	0.5	-1.65	20.11	0.103	7.00	Pass
			RB15#0	21.73	0.5	-1.65	20.08	0.102	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.73	0.5	-1.65	22.08	0.161	7.00	Pass
			RB1#13	23.73	0.5	-1.65	22.08	0.161	7.00	Pass
			RB1#24	23.62	0.5	-1.65	21.97	0.157	7.00	Pass
			RB12#0	22.77	0.5	-1.65	21.12	0.129	7.00	Pass
			RB12#6	22.78	0.5	-1.65	21.13	0.130	7.00	Pass
			RB12#13	22.76	0.5	-1.65	21.11	0.129	7.00	Pass
			RB25#0	22.77	0.5	-1.65	21.12	0.129	7.00	Pass
		16-QAM	RB1#0	22.89	0.5	-1.65	21.24	0.133	7.00	Pass
			RB1#13	22.94	0.5	-1.65	21.29	0.135	7.00	Pass
			RB1#24	22.83	0.5	-1.65	21.18	0.131	7.00	Pass
			RB12#0	21.87	0.5	-1.65	20.22	0.105	7.00	Pass
			RB12#6	21.88	0.5	-1.65	20.23	0.105	7.00	Pass
			RB12#13	21.84	0.5	-1.65	20.19	0.104	7.00	Pass
			RB25#0	21.81	0.5	-1.65	20.16	0.104	7.00	Pass
	MCH	QPSK	RB1#0	23.81	0.5	-1.65	22.16	0.164	7.00	Pass
			RB1#13	23.84	0.5	-1.65	22.19	0.166	7.00	Pass
			RB1#24	23.86	0.5	-1.65	22.21	0.166	7.00	Pass
			RB12#0	22.81	0.5	-1.65	21.16	0.131	7.00	Pass
			RB12#6	22.84	0.5	-1.65	21.19	0.132	7.00	Pass
			RB12#13	22.8	0.5	-1.65	21.15	0.130	7.00	Pass
			RB25#0	22.85	0.5	-1.65	21.20	0.132	7.00	Pass
		16-QAM	RB1#0	23.24	0.5	-1.65	21.59	0.144	7.00	Pass
			RB1#13	23.28	0.5	-1.65	21.63	0.146	7.00	Pass
			RB1#24	23.26	0.5	-1.65	21.61	0.145	7.00	Pass
			RB12#0	21.97	0.5	-1.65	20.32	0.108	7.00	Pass
			RB12#6	21.98	0.5	-1.65	20.33	0.108	7.00	Pass
			RB12#13	21.94	0.5	-1.65	20.29	0.107	7.00	Pass
			RB25#0	21.9	0.5	-1.65	20.25	0.106	7.00	Pass
	HCH	QPSK	RB1#0	23.57	0.5	-1.65	21.92	0.156	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB1#13	23.23	0.5	-1.65	21.58	0.144	7.00	Pass
			RB1#24	22.74	0.5	-1.65	21.09	0.129	7.00	Pass
			RB12#0	22.7	0.5	-1.65	21.05	0.127	7.00	Pass
			RB12#6	22.82	0.5	-1.65	21.17	0.131	7.00	Pass
			RB12#13	22.78	0.5	-1.65	21.13	0.130	7.00	Pass
			RB25#0	22.68	0.5	-1.65	21.03	0.127	7.00	Pass
		16-QAM	RB1#0	22.6	0.5	-1.65	20.95	0.124	7.00	Pass
			RB1#13	22.3	0.5	-1.65	20.65	0.116	7.00	Pass
			RB1#24	21.84	0.5	-1.65	20.19	0.104	7.00	Pass
			RB12#0	21.77	0.5	-1.65	20.12	0.103	7.00	Pass
			RB12#6	21.86	0.5	-1.65	20.21	0.105	7.00	Pass
			RB12#13	21.83	0.5	-1.65	20.18	0.104	7.00	Pass
			RB25#0	21.64	0.5	-1.65	19.99	0.100	7.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.71	0.5	-1.65	22.06	0.161	7.00	Pass
			RB1#25	23.65	0.5	-1.65	22.00	0.158	7.00	Pass
			RB1#49	23.45	0.5	-1.65	21.80	0.151	7.00	Pass
			RB25#0	22.76	0.5	-1.65	21.11	0.129	7.00	Pass
			RB25#13	22.85	0.5	-1.65	21.20	0.132	7.00	Pass
			RB25#25	22.82	0.5	-1.65	21.17	0.131	7.00	Pass
			RB50#0	22.88	0.5	-1.65	21.23	0.133	7.00	Pass
		16-QAM	RB1#0	22.66	0.5	-1.65	21.01	0.126	7.00	Pass
			RB1#25	22.59	0.5	-1.65	20.94	0.124	7.00	Pass
			RB1#49	22.26	0.5	-1.65	20.61	0.115	7.00	Pass
			RB25#0	21.84	0.5	-1.65	20.19	0.104	7.00	Pass
			RB25#13	21.88	0.5	-1.65	20.23	0.105	7.00	Pass
			RB25#25	21.85	0.5	-1.65	20.20	0.105	7.00	Pass
			RB50#0	21.84	0.5	-1.65	20.19	0.104	7.00	Pass
	MCH	QPSK	RB1#0	23.61	0.5	-1.65	21.96	0.157	7.00	Pass
			RB1#25	23.57	0.5	-1.65	21.92	0.156	7.00	Pass
			RB1#49	23.06	0.5	-1.65	21.41	0.138	7.00	Pass
			RB25#0	22.82	0.5	-1.65	21.17	0.131	7.00	Pass
			RB25#13	22.86	0.5	-1.65	21.21	0.132	7.00	Pass
			RB25#25	22.84	0.5	-1.65	21.19	0.132	7.00	Pass
			RB50#0	22.82	0.5	-1.65	21.17	0.131	7.00	Pass
		16-QAM	RB1#0	22.81	0.5	-1.65	21.16	0.131	7.00	Pass
			RB1#25	22.82	0.5	-1.65	21.17	0.131	7.00	Pass
			RB1#49	22.32	0.5	-1.65	20.67	0.117	7.00	Pass
			RB25#0	21.88	0.5	-1.65	20.23	0.105	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND5										
			RB25#13	21.91	0.5	-1.65	20.26	0.106	7.00	Pass
			RB25#25	21.83	0.5	-1.65	20.18	0.104	7.00	Pass
			RB50#0	21.84	0.5	-1.65	20.19	0.104	7.00	Pass
	HCH	QPSK	RB1#0	23.4	0.5	-1.65	21.75	0.150	7.00	Pass
			RB1#25	23.01	0.5	-1.65	21.36	0.137	7.00	Pass
			RB1#49	22.16	0.5	-1.65	20.51	0.112	7.00	Pass
			RB25#0	22.73	0.5	-1.65	21.08	0.128	7.00	Pass
			RB25#13	22.76	0.5	-1.65	21.11	0.129	7.00	Pass
			RB25#25	22.68	0.5	-1.65	21.03	0.127	7.00	Pass
			RB50#0	22.72	0.5	-1.65	21.07	0.128	7.00	Pass
		16-QAM	RB1#0	22.34	0.5	-1.65	20.69	0.117	7.00	Pass
			RB1#25	21.99	0.5	-1.65	20.34	0.108	7.00	Pass
			RB1#49	21.17	0.5	-1.65	19.52	0.090	7.00	Pass
			RB25#0	21.9	0.5	-1.65	20.25	0.106	7.00	Pass
			RB25#13	21.86	0.5	-1.65	20.21	0.105	7.00	Pass
			RB25#25	21.77	0.5	-1.65	20.12	0.103	7.00	Pass
			RB50#0	21.75	0.5	-1.65	20.10	0.102	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
5 MHz	LCH	QPSK	RB1#0	22.75	1	23.75	0.237	2.00	Pass
			RB1#13	22.8	1	23.80	0.240	2.00	Pass
			RB1#24	22.75	1	23.75	0.237	2.00	Pass
			RB12#0	21.75	1	22.75	0.188	2.00	Pass
			RB12#6	21.81	1	22.81	0.191	2.00	Pass
			RB12#13	21.75	1	22.75	0.188	2.00	Pass
			RB25#0	21.77	1	22.77	0.189	2.00	Pass
		16-QAM	RB1#0	21.87	1	22.87	0.194	2.00	Pass
			RB1#13	21.98	1	22.98	0.199	2.00	Pass
			RB1#24	21.92	1	22.92	0.196	2.00	Pass
			RB12#0	20.85	1	21.85	0.153	2.00	Pass
			RB12#6	20.82	1	21.82	0.152	2.00	Pass
			RB12#13	20.86	1	21.86	0.153	2.00	Pass
			RB25#0	20.77	1	21.77	0.150	2.00	Pass
	MCH	QPSK	RB1#0	22.78	1	23.78	0.239	2.00	Pass
			RB1#13	22.86	1	23.86	0.243	2.00	Pass
			RB1#24	22.81	1	23.81	0.240	2.00	Pass
			RB12#0	21.78	1	22.78	0.190	2.00	Pass
			RB12#6	21.81	1	22.81	0.191	2.00	Pass
			RB12#13	21.79	1	22.79	0.190	2.00	Pass
			RB25#0	21.78	1	22.78	0.190	2.00	Pass
		16-QAM	RB1#0	22.19	1	23.19	0.208	2.00	Pass
			RB1#13	22.26	1	23.26	0.212	2.00	Pass
			RB1#24	22.26	1	23.26	0.212	2.00	Pass
			RB12#0	20.89	1	21.89	0.155	2.00	Pass
			RB12#6	20.96	1	21.96	0.157	2.00	Pass
			RB12#13	20.92	1	21.92	0.156	2.00	Pass
			RB25#0	20.82	1	21.82	0.152	2.00	Pass
	HCH	QPSK	RB1#0	22.91	1	23.91	0.246	2.00	Pass
			RB1#13	23.03	1	24.03	0.253	2.00	Pass
			RB1#24	22.99	1	23.99	0.251	2.00	Pass
			RB12#0	21.97	1	22.97	0.198	2.00	Pass
			RB12#6	22.01	1	23.01	0.200	2.00	Pass
			RB12#13	22.03	1	23.03	0.201	2.00	Pass
			RB25#0	21.98	1	22.98	0.199	2.00	Pass
		16-QAM	RB1#0	22.07	1	23.07	0.203	2.00	Pass
			RB1#13	22.14	1	23.14	0.206	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
			RB1#24	22.09	1	23.09	0.204	2.00	Pass
			RB12#0	21.04	1	22.04	0.160	2.00	Pass
			RB12#6	21.07	1	22.07	0.161	2.00	Pass
			RB12#13	21.06	1	22.06	0.161	2.00	Pass
			RB25#0	20.96	1	21.96	0.157	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.72	1	23.72	0.236	2.00	Pass
			RB1#25	22.73	1	23.73	0.236	2.00	Pass
			RB1#49	22.77	1	23.77	0.238	2.00	Pass
			RB25#0	21.75	1	22.75	0.188	2.00	Pass
			RB25#13	21.83	1	22.83	0.192	2.00	Pass
			RB25#25	21.84	1	22.84	0.192	2.00	Pass
			RB50#0	21.77	1	22.77	0.189	2.00	Pass
		16-QAM	RB1#0	21.69	1	22.69	0.186	2.00	Pass
			RB1#25	21.68	1	22.68	0.185	2.00	Pass
			RB1#49	21.75	1	22.75	0.188	2.00	Pass
			RB25#0	20.8	1	21.80	0.151	2.00	Pass
			RB25#13	20.83	1	21.83	0.152	2.00	Pass
			RB25#25	20.84	1	21.84	0.153	2.00	Pass
			RB50#0	20.78	1	21.78	0.151	2.00	Pass
	MCH	QPSK	RB1#0	22.77	1	23.77	0.238	2.00	Pass
			RB1#25	22.72	1	23.72	0.236	2.00	Pass
			RB1#49	22.79	1	23.79	0.239	2.00	Pass
			RB25#0	21.76	1	22.76	0.189	2.00	Pass
			RB25#13	21.8	1	22.80	0.191	2.00	Pass
			RB25#25	21.82	1	22.82	0.191	2.00	Pass
			RB50#0	21.77	1	22.77	0.189	2.00	Pass
		16-QAM	RB1#0	22.07	1	23.07	0.203	2.00	Pass
			RB1#25	22.05	1	23.05	0.202	2.00	Pass
			RB1#49	22.14	1	23.14	0.206	2.00	Pass
			RB25#0	20.81	1	21.81	0.152	2.00	Pass
			RB25#13	20.84	1	21.84	0.153	2.00	Pass
			RB25#25	20.82	1	21.82	0.152	2.00	Pass
			RB50#0	20.78	1	21.78	0.151	2.00	Pass
	HCH	QPSK	RB1#0	22.93	1	23.93	0.247	2.00	Pass
			RB1#25	22.96	1	23.96	0.249	2.00	Pass
			RB1#49	23.01	1	24.01	0.252	2.00	Pass
			RB25#0	21.98	1	22.98	0.199	2.00	Pass
			RB25#13	22.04	1	23.04	0.201	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
			RB25#25	22.03	1	23.03	0.201	2.00	Pass
			RB50#0	22	1	23.00	0.200	2.00	Pass
		16-QAM	RB1#0	21.96	1	22.96	0.198	2.00	Pass
			RB1#25	21.93	1	22.93	0.196	2.00	Pass
			RB1#49	21.93	1	22.93	0.196	2.00	Pass
			RB25#0	21.06	1	22.06	0.161	2.00	Pass
			RB25#13	21.13	1	22.13	0.163	2.00	Pass
			RB25#25	21.1	1	22.10	0.162	2.00	Pass
			RB50#0	21.03	1	22.03	0.160	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.72	1	23.72	0.236	2.00	Pass
			RB1#38	22.72	1	23.72	0.236	2.00	Pass
			RB1#74	22.8	1	23.80	0.240	2.00	Pass
			RB36#0	21.8	1	22.80	0.191	2.00	Pass
			RB36#19	21.83	1	22.83	0.192	2.00	Pass
			RB36#39	21.84	1	22.84	0.192	2.00	Pass
			RB75#0	21.8	1	22.80	0.191	2.00	Pass
		16-QAM	RB1#0	21.65	1	22.65	0.184	2.00	Pass
			RB1#38	21.69	1	22.69	0.186	2.00	Pass
			RB1#74	21.79	1	22.79	0.190	2.00	Pass
			RB36#0	20.78	1	21.78	0.151	2.00	Pass
			RB36#19	20.81	1	21.81	0.152	2.00	Pass
			RB36#39	20.84	1	21.84	0.153	2.00	Pass
			RB75#0	20.84	1	21.84	0.153	2.00	Pass
	MCH	QPSK	RB1#0	22.74	1	23.74	0.237	2.00	Pass
			RB1#38	22.73	1	23.73	0.236	2.00	Pass
			RB1#74	22.8	1	23.80	0.240	2.00	Pass
			RB36#0	21.83	1	22.83	0.192	2.00	Pass
			RB36#19	21.88	1	22.88	0.194	2.00	Pass
			RB36#39	21.88	1	22.88	0.194	2.00	Pass
			RB75#0	21.85	1	22.85	0.193	2.00	Pass
		16-QAM	RB1#0	22.04	1	23.04	0.201	2.00	Pass
			RB1#38	22.07	1	23.07	0.203	2.00	Pass
			RB1#74	22.13	1	23.13	0.206	2.00	Pass
			RB36#0	20.84	1	21.84	0.153	2.00	Pass
			RB36#19	20.85	1	21.85	0.153	2.00	Pass
			RB36#39	20.88	1	21.88	0.154	2.00	Pass
			RB75#0	20.85	1	21.85	0.153	2.00	Pass
	HCH	QPSK	RB1#0	22.9	1	23.90	0.245	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
			RB1#38	22.93	1	23.93	0.247	2.00	Pass
			RB1#74	22.97	1	23.97	0.249	2.00	Pass
			RB36#0	21.99	1	22.99	0.199	2.00	Pass
			RB36#19	22.02	1	23.02	0.200	2.00	Pass
			RB36#39	22.05	1	23.05	0.202	2.00	Pass
			RB75#0	22.04	1	23.04	0.201	2.00	Pass
		16-QAM	RB1#0	22.32	1	23.32	0.215	2.00	Pass
			RB1#38	22.3	1	23.30	0.214	2.00	Pass
			RB1#74	22.31	1	23.31	0.214	2.00	Pass
			RB36#0	20.96	1	21.96	0.157	2.00	Pass
			RB36#19	21	1	22.00	0.158	2.00	Pass
			RB36#39	21.01	1	22.01	0.159	2.00	Pass
			RB75#0	20.98	1	21.98	0.158	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	22.73	1	23.73	0.236	2.00	Pass
			RB1#50	22.79	1	23.79	0.239	2.00	Pass
			RB1#99	22.73	1	23.73	0.236	2.00	Pass
			RB50#0	21.78	1	22.78	0.190	2.00	Pass
			RB50#25	21.87	1	22.87	0.194	2.00	Pass
			RB50#50	21.77	1	22.77	0.189	2.00	Pass
			RB100#0	21.71	1	22.71	0.187	2.00	Pass
		16-QAM	RB1#0	22.24	1	23.24	0.211	2.00	Pass
			RB1#50	22.24	1	23.24	0.211	2.00	Pass
			RB1#99	22.18	1	23.18	0.208	2.00	Pass
			RB50#0	20.81	1	21.81	0.152	2.00	Pass
			RB50#25	20.91	1	21.91	0.155	2.00	Pass
			RB50#50	20.8	1	21.80	0.151	2.00	Pass
			RB100#0	20.77	1	21.77	0.150	2.00	Pass
	MCH	QPSK	RB1#0	22.75	1	23.75	0.237	2.00	Pass
			RB1#50	22.74	1	23.74	0.237	2.00	Pass
			RB1#99	22.87	1	23.87	0.244	2.00	Pass
			RB50#0	21.76	1	22.76	0.189	2.00	Pass
			RB50#25	21.82	1	22.82	0.191	2.00	Pass
			RB50#50	21.83	1	22.83	0.192	2.00	Pass
			RB100#0	21.83	1	22.83	0.192	2.00	Pass
		16-QAM	RB1#0	22.11	1	23.11	0.205	2.00	Pass
			RB1#50	22.07	1	23.07	0.203	2.00	Pass
			RB1#99	22.21	1	23.21	0.209	2.00	Pass
			RB50#0	20.8	1	21.80	0.151	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND7									
			RB50#25	20.83	1	21.83	0.152	2.00	Pass
			RB50#50	20.87	1	21.87	0.154	2.00	Pass
			RB100#0	20.8	1	21.80	0.151	2.00	Pass
	HCH	QPSK	RB1#0	22.83	1	23.83	0.242	2.00	Pass
			RB1#50	22.89	1	23.89	0.245	2.00	Pass
			RB1#99	22.95	1	23.95	0.248	2.00	Pass
			RB50#0	21.95	1	22.95	0.197	2.00	Pass
			RB50#25	21.99	1	22.99	0.199	2.00	Pass
			RB50#50	22.01	1	23.01	0.200	2.00	Pass
			RB100#0	21.99	1	22.99	0.199	2.00	Pass
		16-QAM	RB1#0	22.25	1	23.25	0.211	2.00	Pass
			RB1#50	22.25	1	23.25	0.211	2.00	Pass
			RB1#99	22.29	1	23.29	0.213	2.00	Pass
			RB50#0	20.95	1	21.95	0.157	2.00	Pass
			RB50#25	21.02	1	22.02	0.159	2.00	Pass
			RB50#50	21.03	1	22.03	0.160	2.00	Pass
			RB100#0	21.01	1	22.01	0.159	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
1.4 MHz	LCH	QPSK	RB1#0	23.52	0	-2.15	21.37	0.137	3.00	Pass
			RB1#3	23.57	0	-2.15	21.42	0.139	3.00	Pass
			RB1#5	23.54	0	-2.15	21.39	0.138	3.00	Pass
			RB3#0	23.57	0	-2.15	21.42	0.139	3.00	Pass
			RB3#2	23.62	0	-2.15	21.47	0.140	3.00	Pass
			RB3#3	23.56	0	-2.15	21.41	0.138	3.00	Pass
			RB6#0	22.5	0	-2.15	20.35	0.108	3.00	Pass
		16-QAM	RB1#0	22.65	0	-2.15	20.50	0.112	3.00	Pass
			RB1#3	22.71	0	-2.15	20.56	0.114	3.00	Pass
			RB1#5	22.66	0	-2.15	20.51	0.112	3.00	Pass
			RB3#0	22.6	0	-2.15	20.45	0.111	3.00	Pass
			RB3#2	22.68	0	-2.15	20.53	0.113	3.00	Pass
			RB3#3	22.65	0	-2.15	20.50	0.112	3.00	Pass
			RB6#0	21.71	0	-2.15	19.56	0.090	3.00	Pass
	MCH	QPSK	RB1#0	23.72	0	-2.15	21.57	0.144	3.00	Pass
			RB1#3	23.73	0	-2.15	21.58	0.144	3.00	Pass
			RB1#5	23.65	0	-2.15	21.50	0.141	3.00	Pass
			RB3#0	23.68	0	-2.15	21.53	0.142	3.00	Pass
			RB3#2	23.75	0	-2.15	21.60	0.145	3.00	Pass
			RB3#3	23.69	0	-2.15	21.54	0.143	3.00	Pass
			RB6#0	22.7	0	-2.15	20.55	0.114	3.00	Pass
		16-QAM	RB1#0	23.05	0	-2.15	20.90	0.123	3.00	Pass
			RB1#3	23.08	0	-2.15	20.93	0.124	3.00	Pass
			RB1#5	22.98	0	-2.15	20.83	0.121	3.00	Pass
			RB3#0	22.88	0	-2.15	20.73	0.118	3.00	Pass
			RB3#2	22.87	0	-2.15	20.72	0.118	3.00	Pass
			RB3#3	22.79	0	-2.15	20.64	0.116	3.00	Pass
			RB6#0	21.73	0	-2.15	19.58	0.091	3.00	Pass
	HCH	QPSK	RB1#0	23.49	0	-2.15	21.34	0.136	3.00	Pass
			RB1#3	23.51	0	-2.15	21.36	0.137	3.00	Pass
			RB1#5	23.47	0	-2.15	21.32	0.136	3.00	Pass
			RB3#0	23.44	0	-2.15	21.29	0.135	3.00	Pass
			RB3#2	23.47	0	-2.15	21.32	0.136	3.00	Pass
			RB3#3	23.41	0	-2.15	21.26	0.134	3.00	Pass
			RB6#0	22.48	0	-2.15	20.33	0.108	3.00	Pass
		16-QAM	RB1#0	22.58	0	-2.15	20.43	0.110	3.00	Pass
			RB1#3	22.68	0	-2.15	20.53	0.113	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
			RB1#5	22.64	0	-2.15	20.49	0.112	3.00	Pass
			RB3#0	22.58	0	-2.15	20.43	0.110	3.00	Pass
			RB3#2	22.63	0	-2.15	20.48	0.112	3.00	Pass
			RB3#3	22.58	0	-2.15	20.43	0.110	3.00	Pass
			RB6#0	21.66	0	-2.15	19.51	0.089	3.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.58	0	-2.15	21.43	0.139	3.00	Pass
			RB1#7	23.55	0	-2.15	21.40	0.138	3.00	Pass
			RB1#14	23.65	0	-2.15	21.50	0.141	3.00	Pass
			RB8#0	22.65	0	-2.15	20.50	0.112	3.00	Pass
			RB8#4	22.68	0	-2.15	20.53	0.113	3.00	Pass
			RB8#7	22.72	0	-2.15	20.57	0.114	3.00	Pass
			RB15#0	22.73	0	-2.15	20.58	0.114	3.00	Pass
		16-QAM	RB1#0	22.5	0	-2.15	20.35	0.108	3.00	Pass
			RB1#7	22.52	0	-2.15	20.37	0.109	3.00	Pass
			RB1#14	22.55	0	-2.15	20.40	0.110	3.00	Pass
			RB8#0	21.75	0	-2.15	19.60	0.091	3.00	Pass
			RB8#4	21.78	0	-2.15	19.63	0.092	3.00	Pass
			RB8#7	21.83	0	-2.15	19.68	0.093	3.00	Pass
			RB15#0	21.77	0	-2.15	19.62	0.092	3.00	Pass
	MCH	QPSK	RB1#0	23.78	0	-2.15	21.63	0.146	3.00	Pass
			RB1#7	23.73	0	-2.15	21.58	0.144	3.00	Pass
			RB1#14	23.73	0	-2.15	21.58	0.144	3.00	Pass
			RB8#0	22.77	0	-2.15	20.62	0.115	3.00	Pass
			RB8#4	22.75	0	-2.15	20.60	0.115	3.00	Pass
			RB8#7	22.75	0	-2.15	20.60	0.115	3.00	Pass
			RB15#0	22.75	0	-2.15	20.60	0.115	3.00	Pass
		16-QAM	RB1#0	23.11	0	-2.15	20.96	0.125	3.00	Pass
			RB1#7	23.07	0	-2.15	20.92	0.124	3.00	Pass
			RB1#14	23.06	0	-2.15	20.91	0.123	3.00	Pass
			RB8#0	21.85	0	-2.15	19.70	0.093	3.00	Pass
			RB8#4	21.86	0	-2.15	19.71	0.094	3.00	Pass
			RB8#7	21.83	0	-2.15	19.68	0.093	3.00	Pass
			RB15#0	21.82	0	-2.15	19.67	0.093	3.00	Pass
	HCH	QPSK	RB1#0	23.55	0	-2.15	21.40	0.138	3.00	Pass
			RB1#7	23.54	0	-2.15	21.39	0.138	3.00	Pass
			RB1#14	23.55	0	-2.15	21.40	0.138	3.00	Pass
			RB8#0	22.57	0	-2.15	20.42	0.110	3.00	Pass
			RB8#4	22.61	0	-2.15	20.46	0.111	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
			RB8#7	22.54	0	-2.15	20.39	0.109	3.00	Pass
			RB15#0	22.57	0	-2.15	20.42	0.110	3.00	Pass
		16-QAM	RB1#0	22.55	0	-2.15	20.40	0.110	3.00	Pass
			RB1#7	22.48	0	-2.15	20.33	0.108	3.00	Pass
			RB1#14	22.49	0	-2.15	20.34	0.108	3.00	Pass
			RB8#0	21.61	0	-2.15	19.46	0.088	3.00	Pass
			RB8#4	21.63	0	-2.15	19.48	0.089	3.00	Pass
			RB8#7	21.57	0	-2.15	19.42	0.087	3.00	Pass
			RB15#0	21.54	0	-2.15	19.39	0.087	3.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.59	0	-2.15	21.44	0.139	3.00	Pass
			RB1#13	23.73	0	-2.15	21.58	0.144	3.00	Pass
			RB1#24	23.63	0	-2.15	21.48	0.141	3.00	Pass
			RB12#0	22.74	0	-2.15	20.59	0.115	3.00	Pass
			RB12#6	22.73	0	-2.15	20.58	0.114	3.00	Pass
			RB12#13	22.66	0	-2.15	20.51	0.112	3.00	Pass
			RB25#0	22.72	0	-2.15	20.57	0.114	3.00	Pass
		16-QAM	RB1#0	22.76	0	-2.15	20.61	0.115	3.00	Pass
			RB1#13	22.92	0	-2.15	20.77	0.119	3.00	Pass
			RB1#24	22.82	0	-2.15	20.67	0.117	3.00	Pass
			RB12#0	21.82	0	-2.15	19.67	0.093	3.00	Pass
			RB12#6	21.83	0	-2.15	19.68	0.093	3.00	Pass
			RB12#13	21.79	0	-2.15	19.64	0.092	3.00	Pass
			RB25#0	21.79	0	-2.15	19.64	0.092	3.00	Pass
	MCH	QPSK	RB1#0	23.68	0	-2.15	21.53	0.142	3.00	Pass
			RB1#13	23.79	0	-2.15	21.64	0.146	3.00	Pass
			RB1#24	23.74	0	-2.15	21.59	0.144	3.00	Pass
			RB12#0	22.79	0	-2.15	20.64	0.116	3.00	Pass
			RB12#6	22.78	0	-2.15	20.63	0.116	3.00	Pass
			RB12#13	22.74	0	-2.15	20.59	0.115	3.00	Pass
			RB25#0	22.74	0	-2.15	20.59	0.115	3.00	Pass
		16-QAM	RB1#0	23.14	0	-2.15	20.99	0.126	3.00	Pass
			RB1#13	23.28	0	-2.15	21.13	0.130	3.00	Pass
			RB1#24	23.16	0	-2.15	21.01	0.126	3.00	Pass
			RB12#0	21.96	0	-2.15	19.81	0.096	3.00	Pass
			RB12#6	21.94	0	-2.15	19.79	0.095	3.00	Pass
			RB12#13	21.87	0	-2.15	19.72	0.094	3.00	Pass
			RB25#0	21.84	0	-2.15	19.69	0.093	3.00	Pass
	HCH	QPSK	RB1#0	23.53	0	-2.15	21.38	0.137	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
			RB1#13	23.59	0	-2.15	21.44	0.139	3.00	Pass
			RB1#24	23.52	0	-2.15	21.37	0.137	3.00	Pass
			RB12#0	22.6	0	-2.15	20.45	0.111	3.00	Pass
			RB12#6	22.61	0	-2.15	20.46	0.111	3.00	Pass
			RB12#13	22.55	0	-2.15	20.40	0.110	3.00	Pass
			RB25#0	22.59	0	-2.15	20.44	0.111	3.00	Pass
		16-QAM	RB1#0	22.65	0	-2.15	20.50	0.112	3.00	Pass
			RB1#13	22.68	0	-2.15	20.53	0.113	3.00	Pass
			RB1#24	22.59	0	-2.15	20.44	0.111	3.00	Pass
			RB12#0	21.69	0	-2.15	19.54	0.090	3.00	Pass
			RB12#6	21.69	0	-2.15	19.54	0.090	3.00	Pass
			RB12#13	21.63	0	-2.15	19.48	0.089	3.00	Pass
			RB25#0	21.54	0	-2.15	19.39	0.087	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.62	0	-2.15	21.47	0.140	3.00	Pass
			RB1#25	23.65	0	-2.15	21.50	0.141	3.00	Pass
			RB1#49	23.7	0	-2.15	21.55	0.143	3.00	Pass
			RB25#0	22.73	0	-2.15	20.58	0.114	3.00	Pass
			RB25#13	22.79	0	-2.15	20.64	0.116	3.00	Pass
			RB25#25	22.79	0	-2.15	20.64	0.116	3.00	Pass
			RB50#0	22.83	0	-2.15	20.68	0.117	3.00	Pass
		16-QAM	RB1#0	22.55	0	-2.15	20.40	0.110	3.00	Pass
			RB1#25	22.57	0	-2.15	20.42	0.110	3.00	Pass
			RB1#49	22.6	0	-2.15	20.45	0.111	3.00	Pass
			RB25#0	21.75	0	-2.15	19.60	0.091	3.00	Pass
			RB25#13	21.88	0	-2.15	19.73	0.094	3.00	Pass
			RB25#25	21.78	0	-2.15	19.63	0.092	3.00	Pass
			RB50#0	21.81	0	-2.15	19.66	0.092	3.00	Pass
	MCH	QPSK	RB1#0	23.68	0	-2.15	21.53	0.142	3.00	Pass
			RB1#25	23.74	0	-2.15	21.59	0.144	3.00	Pass
			RB1#49	23.67	0	-2.15	21.52	0.142	3.00	Pass
			RB25#0	22.78	0	-2.15	20.63	0.116	3.00	Pass
			RB25#13	22.77	0	-2.15	20.62	0.115	3.00	Pass
			RB25#25	22.73	0	-2.15	20.58	0.114	3.00	Pass
			RB50#0	22.76	0	-2.15	20.61	0.115	3.00	Pass
		16-QAM	RB1#0	23.02	0	-2.15	20.87	0.122	3.00	Pass
			RB1#25	23.08	0	-2.15	20.93	0.124	3.00	Pass
			RB1#49	23.02	0	-2.15	20.87	0.122	3.00	Pass
			RB25#0	21.83	0	-2.15	19.68	0.093	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND12										
			RB25#13	21.83	0	-2.15	19.68	0.093	3.00	Pass
			RB25#25	21.79	0	-2.15	19.64	0.092	3.00	Pass
			RB50#0	21.81	0	-2.15	19.66	0.092	3.00	Pass
	HCH	QPSK	RB1#0	23.71	0	-2.15	21.56	0.143	3.00	Pass
			RB1#25	23.65	0	-2.15	21.50	0.141	3.00	Pass
			RB1#49	23.53	0	-2.15	21.38	0.137	3.00	Pass
			RB25#0	22.71	0	-2.15	20.56	0.114	3.00	Pass
			RB25#13	22.7	0	-2.15	20.55	0.114	3.00	Pass
			RB25#25	22.7	0	-2.15	20.55	0.114	3.00	Pass
			RB50#0	22.73	0	-2.15	20.58	0.114	3.00	Pass
		16-QAM	RB1#0	22.75	0	-2.15	20.60	0.115	3.00	Pass
			RB1#25	22.7	0	-2.15	20.55	0.114	3.00	Pass
			RB1#49	22.54	0	-2.15	20.39	0.109	3.00	Pass
			RB25#0	21.87	0	-2.15	19.72	0.094	3.00	Pass
			RB25#13	21.86	0	-2.15	19.71	0.094	3.00	Pass
			RB25#25	21.79	0	-2.15	19.64	0.092	3.00	Pass
			RB50#0	21.8	0	-2.15	19.65	0.092	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND13										
5 MHz	LCH	QPSK	RB1#0	23.49	0	-2.15	21.34	0.136	3.000	Pass
			RB1#13	23.72	0	-2.15	21.57	0.144	3.000	Pass
			RB1#24	23.7	0	-2.15	21.55	0.143	3.000	Pass
			RB12#0	22.68	0	-2.15	20.53	0.113	3.000	Pass
			RB12#6	22.68	0	-2.15	20.53	0.113	3.000	Pass
			RB12#13	22.78	0	-2.15	20.63	0.116	3.000	Pass
			RB25#0	22.78	0	-2.15	20.63	0.116	3.000	Pass
		16-QAM	RB1#0	22.41	0	-2.15	20.26	0.106	3.000	Pass
			RB1#13	22.84	0	-2.15	20.69	0.117	3.000	Pass
			RB1#24	22.87	0	-2.15	20.72	0.118	3.000	Pass
			RB12#0	21.71	0	-2.15	19.56	0.090	3.000	Pass
			RB12#6	21.76	0	-2.15	19.61	0.091	3.000	Pass
			RB12#13	21.85	0	-2.15	19.70	0.093	3.000	Pass
			RB25#0	21.82	0	-2.15	19.67	0.093	3.000	Pass
	MCH	QPSK	RB1#0	23.69	0	-2.15	21.54	0.143	3.000	Pass
			RB1#13	23.76	0	-2.15	21.61	0.145	3.000	Pass
			RB1#24	23.72	0	-2.15	21.57	0.144	3.000	Pass
			RB12#0	22.8	0	-2.15	20.65	0.116	3.000	Pass
			RB12#6	22.79	0	-2.15	20.64	0.116	3.000	Pass
			RB12#13	22.76	0	-2.15	20.61	0.115	3.000	Pass
			RB25#0	22.79	0	-2.15	20.64	0.116	3.000	Pass
		16-QAM	RB1#0	23.12	0	-2.15	20.97	0.125	3.000	Pass
			RB1#13	23.26	0	-2.15	21.11	0.129	3.000	Pass
			RB1#24	23.18	0	-2.15	21.03	0.127	3.000	Pass
			RB12#0	21.94	0	-2.15	19.79	0.095	3.000	Pass
			RB12#6	21.94	0	-2.15	19.79	0.095	3.000	Pass
			RB12#13	21.88	0	-2.15	19.73	0.094	3.000	Pass
			RB25#0	21.88	0	-2.15	19.73	0.094	3.000	Pass
	HCH	QPSK	RB1#0	23.62	0	-2.15	21.47	0.140	3.000	Pass
			RB1#13	23.69	0	-2.15	21.54	0.143	3.000	Pass
			RB1#24	23.62	0	-2.15	21.47	0.140	3.000	Pass
			RB12#0	22.64	0	-2.15	20.49	0.112	3.000	Pass
			RB12#6	22.65	0	-2.15	20.50	0.112	3.000	Pass
			RB12#13	22.73	0	-2.15	20.58	0.114	3.000	Pass
			RB25#0	22.64	0	-2.15	20.49	0.112	3.000	Pass
		16-QAM	RB1#0	22.73	0	-2.15	20.58	0.114	3.000	Pass
			RB1#13	22.81	0	-2.15	20.66	0.116	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										
			RB1#24	22.78	0	-2.15	20.63	0.116	3.000	Pass
			RB12#0	21.73	0	-2.15	19.58	0.091	3.000	Pass
			RB12#6	21.72	0	-2.15	19.57	0.091	3.000	Pass
			RB12#13	21.78	0	-2.15	19.63	0.092	3.000	Pass
			RB25#0	21.61	0	-2.15	19.46	0.088	3.000	Pass
10 MHz	MCH	QPSK	RB1#0	22.84	0	-2.15	20.69	0.117	3.000	Pass
			RB1#25	23.7	0	-2.15	21.55	0.143	3.000	Pass
			RB1#49	23.32	0	-2.15	21.17	0.131	3.000	Pass
			RB25#0	22.78	0	-2.15	20.63	0.116	3.000	Pass
			RB25#13	22.83	0	-2.15	20.68	0.117	3.000	Pass
			RB25#25	22.78	0	-2.15	20.63	0.116	3.000	Pass
			RB50#0	22.8	0	-2.15	20.65	0.116	3.000	Pass
		16-QAM	RB1#0	21.66	0	-2.15	19.51	0.089	3.000	Pass
			RB1#25	22.61	0	-2.15	20.46	0.111	3.000	Pass
			RB1#49	22.18	0	-2.15	20.03	0.101	3.000	Pass
			RB25#0	21.83	0	-2.15	19.68	0.093	3.000	Pass
			RB25#13	21.81	0	-2.15	19.66	0.092	3.000	Pass
			RB25#25	21.76	0	-2.15	19.61	0.091	3.000	Pass
			RB50#0	21.76	0	-2.15	19.61	0.091	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 BAND14										
5 MHz	LCH	QPSK	RB1#0	23.61	0	-2.15	21.46	0.140	3.000	Pass
			RB1#13	23.79	0	-2.15	21.64	0.146	3.000	Pass
			RB1#24	23.67	0	-2.15	21.52	0.142	3.000	Pass
			RB12#0	22.68	0	-2.15	20.53	0.113	3.000	Pass
			RB12#6	22.79	0	-2.15	20.64	0.116	3.000	Pass
			RB12#13	22.8	0	-2.15	20.65	0.116	3.000	Pass
			RB25#0	22.81	0	-2.15	20.66	0.116	3.000	Pass
		16-QAM	RB1#0	22.85	0	-2.15	20.70	0.117	3.000	Pass
			RB1#13	22.95	0	-2.15	20.80	0.120	3.000	Pass
			RB1#24	22.89	0	-2.15	20.74	0.119	3.000	Pass
			RB12#0	21.79	0	-2.15	19.64	0.092	3.000	Pass
			RB12#6	21.88	0	-2.15	19.73	0.094	3.000	Pass
			RB12#13	21.85	0	-2.15	19.70	0.093	3.000	Pass
			RB25#0	21.85	0	-2.15	19.70	0.093	3.000	Pass
	MCH	QPSK	RB1#0	23.75	0	-2.15	21.60	0.145	3.000	Pass
			RB1#13	23.79	0	-2.15	21.64	0.146	3.000	Pass
			RB1#24	23.72	0	-2.15	21.57	0.144	3.000	Pass
			RB12#0	22.79	0	-2.15	20.64	0.116	3.000	Pass
			RB12#6	22.79	0	-2.15	20.64	0.116	3.000	Pass
			RB12#13	22.78	0	-2.15	20.63	0.116	3.000	Pass
			RB25#0	22.79	0	-2.15	20.64	0.116	3.000	Pass
		16-QAM	RB1#0	23.22	0	-2.15	21.07	0.128	3.000	Pass
			RB1#13	23.27	0	-2.15	21.12	0.129	3.000	Pass
			RB1#24	23.19	0	-2.15	21.04	0.127	3.000	Pass
			RB12#0	21.98	0	-2.15	19.83	0.096	3.000	Pass
			RB12#6	21.96	0	-2.15	19.81	0.096	3.000	Pass
			RB12#13	21.94	0	-2.15	19.79	0.095	3.000	Pass
			RB25#0	21.85	0	-2.15	19.70	0.093	3.000	Pass
	HCH	QPSK	RB1#0	23.6	0	-2.15	21.45	0.140	3.000	Pass
			RB1#13	23.64	0	-2.15	21.49	0.141	3.000	Pass
			RB1#24	23.61	0	-2.15	21.46	0.140	3.000	Pass
			RB12#0	22.66	0	-2.15	20.51	0.112	3.000	Pass
			RB12#6	22.71	0	-2.15	20.56	0.114	3.000	Pass
			RB12#13	22.67	0	-2.15	20.52	0.113	3.000	Pass
			RB25#0	22.68	0	-2.15	20.53	0.113	3.000	Pass
		16-QAM	RB1#0	22.72	0	-2.15	20.57	0.114	3.000	Pass
			RB1#13	22.79	0	-2.15	20.64	0.116	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 BAND14										
			RB1#24	22.72	0	-2.15	20.57	0.114	3.000	Pass
			RB12#0	21.79	0	-2.15	19.64	0.092	3.000	Pass
			RB12#6	21.77	0	-2.15	19.62	0.092	3.000	Pass
			RB12#13	21.71	0	-2.15	19.56	0.090	3.000	Pass
			RB25#0	21.64	0	-2.15	19.49	0.089	3.000	Pass
10 MHz	MCH	QPSK	RB1#0	23.6	0	-2.15	21.45	0.140	3.000	Pass
			RB1#25	23.69	0	-2.15	21.54	0.143	3.000	Pass
			RB1#49	23.26	0	-2.15	21.11	0.129	3.000	Pass
			RB25#0	22.82	0	-2.15	20.67	0.117	3.000	Pass
			RB25#13	22.81	0	-2.15	20.66	0.116	3.000	Pass
			RB25#25	22.81	0	-2.15	20.66	0.116	3.000	Pass
			RB50#0	22.77	0	-2.15	20.62	0.115	3.000	Pass
		16-QAM	RB1#0	22.53	0	-2.15	20.38	0.109	3.000	Pass
			RB1#25	22.49	0	-2.15	20.34	0.108	3.000	Pass
			RB1#49	22.07	0	-2.15	19.92	0.098	3.000	Pass
			RB25#0	21.85	0	-2.15	19.70	0.093	3.000	Pass
			RB25#13	21.82	0	-2.15	19.67	0.093	3.000	Pass
			RB25#25	21.84	0	-2.15	19.69	0.093	3.000	Pass
			RB50#0	21.8	0	-2.15	19.65	0.092	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 BAND17										
5 MHz	LCH	QPSK	RB1#0	23.67	0	-2.15	21.52	0.142	3.00	Pass
			RB1#13	23.79	0	-2.15	21.64	0.146	3.00	Pass
			RB1#24	23.71	0	-2.15	21.56	0.143	3.00	Pass
			RB12#0	22.68	0	-2.15	20.53	0.113	3.00	Pass
			RB12#6	22.81	0	-2.15	20.66	0.116	3.00	Pass
			RB12#13	22.75	0	-2.15	20.60	0.115	3.00	Pass
			RB25#0	22.83	0	-2.15	20.68	0.117	3.00	Pass
		16-QAM	RB1#0	22.86	0	-2.15	20.71	0.118	3.00	Pass
			RB1#13	22.96	0	-2.15	20.81	0.121	3.00	Pass
			RB1#24	22.89	0	-2.15	20.74	0.119	3.00	Pass
			RB12#0	21.8	0	-2.15	19.65	0.092	3.00	Pass
			RB12#6	21.94	0	-2.15	19.79	0.095	3.00	Pass
			RB12#13	21.87	0	-2.15	19.72	0.094	3.00	Pass
			RB25#0	21.87	0	-2.15	19.72	0.094	3.00	Pass
	MCH	QPSK	RB1#0	23.71	0	-2.15	21.56	0.143	3.00	Pass
			RB1#13	23.74	0	-2.15	21.59	0.144	3.00	Pass
			RB1#24	23.68	0	-2.15	21.53	0.142	3.00	Pass
			RB12#0	22.72	0	-2.15	20.57	0.114	3.00	Pass
			RB12#6	22.77	0	-2.15	20.62	0.115	3.00	Pass
			RB12#13	22.68	0	-2.15	20.53	0.113	3.00	Pass
			RB25#0	22.73	0	-2.15	20.58	0.114	3.00	Pass
		16-QAM	RB1#0	23.17	0	-2.15	21.02	0.126	3.00	Pass
			RB1#13	23.22	0	-2.15	21.07	0.128	3.00	Pass
			RB1#24	23.13	0	-2.15	20.98	0.125	3.00	Pass
			RB12#0	21.93	0	-2.15	19.78	0.095	3.00	Pass
			RB12#6	21.94	0	-2.15	19.79	0.095	3.00	Pass
			RB12#13	21.89	0	-2.15	19.74	0.094	3.00	Pass
			RB25#0	21.85	0	-2.15	19.70	0.093	3.00	Pass
	HCH	QPSK	RB1#0	23.53	0	-2.15	21.38	0.137	3.00	Pass
			RB1#13	23.6	0	-2.15	21.45	0.140	3.00	Pass
			RB1#24	23.51	0	-2.15	21.36	0.137	3.00	Pass
			RB12#0	22.6	0	-2.15	20.45	0.111	3.00	Pass
			RB12#6	22.63	0	-2.15	20.48	0.112	3.00	Pass
			RB12#13	22.62	0	-2.15	20.47	0.111	3.00	Pass
			RB25#0	22.62	0	-2.15	20.47	0.111	3.00	Pass
		16-QAM	RB1#0	22.65	0	-2.15	20.50	0.112	3.00	Pass
			RB1#13	22.68	0	-2.15	20.53	0.113	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND17										
			RB1#24	22.59	0	-2.15	20.44	0.111	3.00	Pass
			RB12#0	21.72	0	-2.15	19.57	0.091	3.00	Pass
			RB12#6	21.71	0	-2.15	19.56	0.090	3.00	Pass
			RB12#13	21.69	0	-2.15	19.54	0.090	3.00	Pass
			RB25#0	21.58	0	-2.15	19.43	0.088	3.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.66	0	-2.15	21.51	0.142	3.00	Pass
			RB1#25	23.68	0	-2.15	21.53	0.142	3.00	Pass
			RB1#49	23.59	0	-2.15	21.44	0.139	3.00	Pass
			RB25#0	22.83	0	-2.15	20.68	0.117	3.00	Pass
			RB25#13	22.79	0	-2.15	20.64	0.116	3.00	Pass
			RB25#25	22.72	0	-2.15	20.57	0.114	3.00	Pass
			RB50#0	22.79	0	-2.15	20.64	0.116	3.00	Pass
		16-QAM	RB1#0	22.59	0	-2.15	20.44	0.111	3.00	Pass
			RB1#25	22.61	0	-2.15	20.46	0.111	3.00	Pass
			RB1#49	22.55	0	-2.15	20.40	0.110	3.00	Pass
			RB25#0	21.8	0	-2.15	19.65	0.092	3.00	Pass
			RB25#13	21.86	0	-2.15	19.71	0.094	3.00	Pass
			RB25#25	21.79	0	-2.15	19.64	0.092	3.00	Pass
			RB50#0	21.77	0	-2.15	19.62	0.092	3.00	Pass
	MCH	QPSK	RB1#0	23.64	0	-2.15	21.49	0.141	3.00	Pass
			RB1#25	23.64	0	-2.15	21.49	0.141	3.00	Pass
			RB1#49	23.61	0	-2.15	21.46	0.140	3.00	Pass
			RB25#0	22.77	0	-2.15	20.62	0.115	3.00	Pass
			RB25#13	22.76	0	-2.15	20.61	0.115	3.00	Pass
			RB25#25	22.73	0	-2.15	20.58	0.114	3.00	Pass
			RB50#0	22.73	0	-2.15	20.58	0.114	3.00	Pass
		16-QAM	RB1#0	23	0	-2.15	20.85	0.122	3.00	Pass
			RB1#25	23.03	0	-2.15	20.88	0.122	3.00	Pass
			RB1#49	22.95	0	-2.15	20.80	0.120	3.00	Pass
			RB25#0	21.86	0	-2.15	19.71	0.094	3.00	Pass
			RB25#13	21.84	0	-2.15	19.69	0.093	3.00	Pass
			RB25#25	21.76	0	-2.15	19.61	0.091	3.00	Pass
			RB50#0	21.77	0	-2.15	19.62	0.092	3.00	Pass
	HCH	QPSK	RB1#0	23.74	0	-2.15	21.59	0.144	3.00	Pass
			RB1#25	23.67	0	-2.15	21.52	0.142	3.00	Pass
			RB1#49	23.6	0	-2.15	21.45	0.140	3.00	Pass
			RB25#0	22.75	0	-2.15	20.60	0.115	3.00	Pass
			RB25#13	22.74	0	-2.15	20.59	0.115	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND17										
			RB25#25	22.72	0	-2.15	20.57	0.114	3.00	Pass
			RB50#0	22.78	0	-2.15	20.63	0.116	3.00	Pass
		16-QAM	RB1#0	22.75	0	-2.15	20.60	0.115	3.00	Pass
			RB1#25	22.65	0	-2.15	20.50	0.112	3.00	Pass
			RB1#49	22.57	0	-2.15	20.42	0.110	3.00	Pass
			RB25#0	21.85	0	-2.15	19.70	0.093	3.00	Pass
			RB25#13	21.83	0	-2.15	19.68	0.093	3.00	Pass
			RB25#25	21.78	0	-2.15	19.63	0.092	3.00	Pass
			RB50#0	21.78	0	-2.15	19.63	0.092	3.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND18(824-830MHz)										
5 MHz	LCH	QPSK	RB1#0	23.74	0.5	-1.65	22.09	0.162	7.000	Pass
			RB1#13	23.31	0.5	-1.65	21.66	0.147	7.000	Pass
			RB1#24	23.17	0.5	-1.65	21.52	0.142	7.000	Pass
			RB12#0	22.82	0.5	-1.65	21.17	0.131	7.000	Pass
			RB12#6	22.8	0.5	-1.65	21.15	0.130	7.000	Pass
			RB12#13	22.78	0.5	-1.65	21.13	0.130	7.000	Pass
			RB25#0	22.77	0.5	-1.65	21.12	0.129	7.000	Pass
		16-QAM	RB1#0	22.86	0.5	-1.65	21.21	0.132	7.000	Pass
			RB1#13	22.46	0.5	-1.65	20.81	0.121	7.000	Pass
			RB1#24	22.37	0.5	-1.65	20.72	0.118	7.000	Pass
			RB12#0	21.92	0.5	-1.65	20.27	0.106	7.000	Pass
			RB12#6	21.9	0.5	-1.65	20.25	0.106	7.000	Pass
			RB12#13	21.84	0.5	-1.65	20.19	0.104	7.000	Pass
			RB25#0	21.81	0.5	-1.65	20.16	0.104	7.000	Pass
	MCH	QPSK	RB1#0	23.76	0.5	-1.65	22.11	0.163	7.000	Pass
			RB1#13	23.28	0.5	-1.65	21.63	0.146	7.000	Pass
			RB1#24	23.18	0.5	-1.65	21.53	0.142	7.000	Pass
			RB12#0	22.81	0.5	-1.65	21.16	0.131	7.000	Pass
			RB12#6	22.78	0.5	-1.65	21.13	0.130	7.000	Pass
			RB12#13	22.76	0.5	-1.65	21.11	0.129	7.000	Pass
			RB25#0	22.79	0.5	-1.65	21.14	0.130	7.000	Pass
		16-QAM	RB1#0	23.2	0.5	-1.65	21.55	0.143	7.000	Pass
			RB1#13	22.76	0.5	-1.65	21.11	0.129	7.000	Pass
			RB1#24	22.66	0.5	-1.65	21.01	0.126	7.000	Pass
			RB12#0	21.95	0.5	-1.65	20.30	0.107	7.000	Pass
			RB12#6	21.95	0.5	-1.65	20.30	0.107	7.000	Pass
			RB12#13	21.95	0.5	-1.65	20.30	0.107	7.000	Pass
			RB25#0	21.84	0.5	-1.65	20.19	0.104	7.000	Pass
	HCH	QPSK	RB1#0	23.74	0.5	-1.65	22.09	0.162	7.000	Pass
			RB1#13	23.25	0.5	-1.65	21.60	0.145	7.000	Pass
			RB1#24	23.16	0.5	-1.65	21.51	0.142	7.000	Pass
			RB12#0	22.78	0.5	-1.65	21.13	0.130	7.000	Pass
			RB12#6	22.79	0.5	-1.65	21.14	0.130	7.000	Pass
			RB12#13	22.74	0.5	-1.65	21.09	0.129	7.000	Pass
			RB25#0	22.79	0.5	-1.65	21.14	0.130	7.000	Pass
		16-QAM	RB1#0	22.82	0.5	-1.65	21.17	0.131	7.000	Pass
			RB1#13	22.35	0.5	-1.65	20.70	0.117	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(824-830MHz)										
			RB1#24	22.3	0.5	-1.65	20.65	0.116	7.000	Pass
			RB12#0	21.86	0.5	-1.65	20.21	0.105	7.000	Pass
			RB12#6	21.88	0.5	-1.65	20.23	0.105	7.000	Pass
			RB12#13	21.83	0.5	-1.65	20.18	0.104	7.000	Pass
			RB25#0	21.76	0.5	-1.65	20.11	0.103	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#0	23.07	0.5	-1.65	21.42	0.139	100.000	Pass
			RB1#13	22.85	0.5	-1.65	21.20	0.132	100.000	Pass
			RB1#24	23.21	0.5	-1.65	21.56	0.143	100.000	Pass
			RB12#0	22.8	0.5	-1.65	21.15	0.130	100.000	Pass
			RB12#6	22.75	0.5	-1.65	21.10	0.129	100.000	Pass
			RB12#13	22.87	0.5	-1.65	21.22	0.132	100.000	Pass
			RB25#0	22.78	0.5	-1.65	21.13	0.130	100.000	Pass
		16-QAM	RB1#0	22.3	0.5	-1.65	20.65	0.116	100.000	Pass
			RB1#13	22.04	0.5	-1.65	20.39	0.109	100.000	Pass
			RB1#24	22.46	0.5	-1.65	20.81	0.121	100.000	Pass
			RB12#0	21.75	0.5	-1.65	20.10	0.102	100.000	Pass
			RB12#6	21.71	0.5	-1.65	20.06	0.101	100.000	Pass
			RB12#13	21.85	0.5	-1.65	20.20	0.105	100.000	Pass
			RB25#0	21.81	0.5	-1.65	20.16	0.104	100.000	Pass
	MCH	QPSK	RB1#0	22.96	0.5	-1.65	21.31	0.135	100.000	Pass
			RB1#13	22.99	0.5	-1.65	21.34	0.136	100.000	Pass
			RB1#24	23.38	0.5	-1.65	21.73	0.149	100.000	Pass
			RB12#0	22.85	0.5	-1.65	21.20	0.132	100.000	Pass
			RB12#6	22.83	0.5	-1.65	21.18	0.131	100.000	Pass
			RB12#13	22.81	0.5	-1.65	21.16	0.131	100.000	Pass
			RB25#0	22.84	0.5	-1.65	21.19	0.132	100.000	Pass
		16-QAM	RB1#0	22.35	0.5	-1.65	20.70	0.117	100.000	Pass
			RB1#13	22.44	0.5	-1.65	20.79	0.120	100.000	Pass
			RB1#24	22.81	0.5	-1.65	21.16	0.131	100.000	Pass
			RB12#0	21.97	0.5	-1.65	20.32	0.108	100.000	Pass
			RB12#6	21.98	0.5	-1.65	20.33	0.108	100.000	Pass
			RB12#13	21.94	0.5	-1.65	20.29	0.107	100.000	Pass
			RB25#0	21.91	0.5	-1.65	20.26	0.106	100.000	Pass
	HCH	QPSK	RB1#0	23.16	0.5	-1.65	21.51	0.142	100.000	Pass
			RB1#13	23.22	0.5	-1.65	21.57	0.144	100.000	Pass
			RB1#24	23.47	0.5	-1.65	21.82	0.152	100.000	Pass
			RB12#0	22.81	0.5	-1.65	21.16	0.131	100.000	Pass
			RB12#6	22.81	0.5	-1.65	21.16	0.131	100.000	Pass
			RB12#13	22.77	0.5	-1.65	21.12	0.129	100.000	Pass
			RB25#0	22.81	0.5	-1.65	21.16	0.131	100.000	Pass
		16-QAM	RB1#0	22.24	0.5	-1.65	20.59	0.115	100.000	Pass
			RB1#13	22.32	0.5	-1.65	20.67	0.117	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)										
			RB1#24	22.6	0.5	-1.65	20.95	0.124	100.000	Pass
			RB12#0	21.88	0.5	-1.65	20.23	0.105	100.000	Pass
			RB12#6	21.88	0.5	-1.65	20.23	0.105	100.000	Pass
			RB12#13	21.88	0.5	-1.65	20.23	0.105	100.000	Pass
			RB25#0	21.78	0.5	-1.65	20.13	0.103	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#0	23.77	0.5	-1.65	22.12	0.163	7.0	Pass
			RB1#13	23.81	0.5	-1.65	22.16	0.164	7.0	Pass
			RB1#24	23.72	0.5	-1.65	22.07	0.161	7.0	Pass
			RB12#0	22.78	0.5	-1.65	21.13	0.130	7.0	Pass
			RB12#6	22.77	0.5	-1.65	21.12	0.129	7.0	Pass
			RB12#13	22.75	0.5	-1.65	21.10	0.129	7.0	Pass
			RB25#0	22.76	0.5	-1.65	21.11	0.129	7.0	Pass
		16-QAM	RB1#0	22.94	0.5	-1.65	21.29	0.135	7.0	Pass
			RB1#13	22.96	0.5	-1.65	21.31	0.135	7.0	Pass
			RB1#24	22.86	0.5	-1.65	21.21	0.132	7.0	Pass
			RB12#0	21.9	0.5	-1.65	20.25	0.106	7.0	Pass
			RB12#6	21.91	0.5	-1.65	20.26	0.106	7.0	Pass
			RB12#13	21.84	0.5	-1.65	20.19	0.104	7.0	Pass
			RB25#0	21.83	0.5	-1.65	20.18	0.104	7.0	Pass
	MCH	QPSK	RB1#0	23.74	0.5	-1.65	22.09	0.162	7.0	Pass
			RB1#13	23.78	0.5	-1.65	22.13	0.163	7.0	Pass
			RB1#24	23.82	0.5	-1.65	22.17	0.165	7.0	Pass
			RB12#0	22.84	0.5	-1.65	21.19	0.132	7.0	Pass
			RB12#6	22.84	0.5	-1.65	21.19	0.132	7.0	Pass
			RB12#13	22.81	0.5	-1.65	21.16	0.131	7.0	Pass
			RB25#0	22.81	0.5	-1.65	21.16	0.131	7.0	Pass
		16-QAM	RB1#0	23.27	0.5	-1.65	21.62	0.145	7.0	Pass
			RB1#13	23.18	0.5	-1.65	21.53	0.142	7.0	Pass
			RB1#24	23.22	0.5	-1.65	21.57	0.144	7.0	Pass
			RB12#0	22.01	0.5	-1.65	20.36	0.109	7.0	Pass
			RB12#6	22.01	0.5	-1.65	20.36	0.109	7.0	Pass
			RB12#13	22	0.5	-1.65	20.35	0.108	7.0	Pass
			RB25#0	21.93	0.5	-1.65	20.28	0.107	7.0	Pass
	HCH	QPSK	RB1#0	23.75	0.5	-1.65	22.10	0.162	7.0	Pass
			RB1#13	23.23	0.5	-1.65	21.58	0.144	7.0	Pass
			RB1#24	23.2	0.5	-1.65	21.55	0.143	7.0	Pass
			RB12#0	22.88	0.5	-1.65	21.23	0.133	7.0	Pass
			RB12#6	22.91	0.5	-1.65	21.26	0.134	7.0	Pass
			RB12#13	22.87	0.5	-1.65	21.22	0.132	7.0	Pass
			RB25#0	22.89	0.5	-1.65	21.24	0.133	7.0	Pass
		16-QAM	RB1#0	22.7	0.5	-1.65	21.05	0.127	7.0	Pass
			RB1#13	22.22	0.5	-1.65	20.57	0.114	7.0	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND19										
			RB1#24	22.23	0.5	-1.65	20.58	0.114	7.0	Pass
			RB12#0	21.97	0.5	-1.65	20.32	0.108	7.0	Pass
			RB12#6	21.97	0.5	-1.65	20.32	0.108	7.0	Pass
			RB12#13	21.9	0.5	-1.65	20.25	0.106	7.0	Pass
			RB25#0	21.85	0.5	-1.65	20.20	0.105	7.0	Pass
10 MHz	LCH	QPSK	RB1#0	23.71	0.5	-1.65	22.06	0.161	7.0	Pass
			RB1#25	23.65	0.5	-1.65	22.00	0.158	7.0	Pass
			RB1#49	23.6	0.5	-1.65	21.95	0.157	7.0	Pass
			RB25#0	22.74	0.5	-1.65	21.09	0.129	7.0	Pass
			RB25#13	22.77	0.5	-1.65	21.12	0.129	7.0	Pass
			RB25#25	22.73	0.5	-1.65	21.08	0.128	7.0	Pass
			RB50#0	22.74	0.5	-1.65	21.09	0.129	7.0	Pass
		16-QAM	RB1#0	22.67	0.5	-1.65	21.02	0.126	7.0	Pass
			RB1#25	22.61	0.5	-1.65	20.96	0.125	7.0	Pass
			RB1#49	22.61	0.5	-1.65	20.96	0.125	7.0	Pass
			RB25#0	21.83	0.5	-1.65	20.18	0.104	7.0	Pass
			RB25#13	21.8	0.5	-1.65	20.15	0.104	7.0	Pass
			RB25#25	21.78	0.5	-1.65	20.13	0.103	7.0	Pass
			RB50#0	21.8	0.5	-1.65	20.15	0.104	7.0	Pass
	MCH	QPSK	RB1#0	23.71	0.5	-1.65	22.06	0.161	7.0	Pass
			RB1#25	23.68	0.5	-1.65	22.03	0.160	7.0	Pass
			RB1#49	23.51	0.5	-1.65	21.86	0.153	7.0	Pass
			RB25#0	22.74	0.5	-1.65	21.09	0.129	7.0	Pass
			RB25#13	22.76	0.5	-1.65	21.11	0.129	7.0	Pass
			RB25#25	22.71	0.5	-1.65	21.06	0.128	7.0	Pass
			RB50#0	22.75	0.5	-1.65	21.10	0.129	7.0	Pass
		16-QAM	RB1#0	23.07	0.5	-1.65	21.42	0.139	7.0	Pass
			RB1#25	23.07	0.5	-1.65	21.42	0.139	7.0	Pass
			RB1#49	22.65	0.5	-1.65	21.00	0.126	7.0	Pass
			RB25#0	21.87	0.5	-1.65	20.22	0.105	7.0	Pass
			RB25#13	21.91	0.5	-1.65	20.26	0.106	7.0	Pass
			RB25#25	21.87	0.5	-1.65	20.22	0.105	7.0	Pass
			RB50#0	21.87	0.5	-1.65	20.22	0.105	7.0	Pass
	HCH	QPSK	RB1#0	23.7	0.5	-1.65	22.05	0.160	7.0	Pass
			RB1#25	23.57	0.5	-1.65	21.92	0.156	7.0	Pass
			RB1#49	22.88	0.5	-1.65	21.23	0.133	7.0	Pass
			RB25#0	22.83	0.5	-1.65	21.18	0.131	7.0	Pass
			RB25#13	22.84	0.5	-1.65	21.19	0.132	7.0	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND19										
			RB25#25	22.8	0.5	-1.65	21.15	0.130	7.0	Pass
			RB50#0	22.79	0.5	-1.65	21.14	0.130	7.0	Pass
		16-QAM	RB1#0	22.56	0.5	-1.65	20.91	0.123	7.0	Pass
			RB1#25	22.47	0.5	-1.65	20.82	0.121	7.0	Pass
			RB1#49	21.77	0.5	-1.65	20.12	0.103	7.0	Pass
			RB25#0	21.94	0.5	-1.65	20.29	0.107	7.0	Pass
			RB25#13	21.95	0.5	-1.65	20.30	0.107	7.0	Pass
			RB25#25	21.9	0.5	-1.65	20.25	0.106	7.0	Pass
			RB50#0	21.87	0.5	-1.65	20.22	0.105	7.0	Pass
15 MHz	MCH	QPSK	RB1#0	23.27	0.5	-1.65	21.62	0.145	7.0	Pass
			RB1#38	23.4	0.5	-1.65	21.75	0.150	7.0	Pass
			RB1#74	22.34	0.5	-1.65	20.69	0.117	7.0	Pass
			RB36#0	22.89	0.5	-1.65	21.24	0.133	7.0	Pass
			RB36#19	22.88	0.5	-1.65	21.23	0.133	7.0	Pass
			RB36#39	22.83	0.5	-1.65	21.18	0.131	7.0	Pass
			RB75#0	22.86	0.5	-1.65	21.21	0.132	7.0	Pass
		16-QAM	RB1#0	22.05	0.5	-1.65	20.40	0.110	7.0	Pass
			RB1#38	22.22	0.5	-1.65	20.57	0.114	7.0	Pass
			RB1#74	21.18	0.5	-1.65	19.53	0.090	7.0	Pass
			RB36#0	21.89	0.5	-1.65	20.24	0.106	7.0	Pass
			RB36#19	21.89	0.5	-1.65	20.24	0.106	7.0	Pass
			RB36#39	21.83	0.5	-1.65	20.18	0.104	7.0	Pass
			RB75#0	21.85	0.5	-1.65	20.20	0.105	7.0	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND25									
1.4 MHz	LCH	QPSK	RB1#0	22.85	1.5	24.35	0.272	2.00	Pass
			RB1#3	22.98	1.5	24.48	0.281	2.00	Pass
			RB1#5	22.9	1.5	24.40	0.275	2.00	Pass
			RB3#0	22.97	1.5	24.47	0.280	2.00	Pass
			RB3#2	23.03	1.5	24.53	0.284	2.00	Pass
			RB3#3	22.94	1.5	24.44	0.278	2.00	Pass
			RB6#0	21.89	1.5	23.39	0.218	2.00	Pass
		16-QAM	RB1#0	22.12	1.5	23.62	0.230	2.00	Pass
			RB1#3	22.26	1.5	23.76	0.238	2.00	Pass
			RB1#5	22.17	1.5	23.67	0.233	2.00	Pass
			RB3#0	22.06	1.5	23.56	0.227	2.00	Pass
			RB3#2	22.16	1.5	23.66	0.232	2.00	Pass
			RB3#3	22.19	1.5	23.69	0.234	2.00	Pass
			RB6#0	21.04	1.5	22.54	0.179	2.00	Pass
	MCH	QPSK	RB1#0	22.91	1.5	24.41	0.276	2.00	Pass
			RB1#3	22.88	1.5	24.38	0.274	2.00	Pass
			RB1#5	22.88	1.5	24.38	0.274	2.00	Pass
			RB3#0	22.92	1.5	24.42	0.277	2.00	Pass
			RB3#2	22.96	1.5	24.46	0.279	2.00	Pass
			RB3#3	22.92	1.5	24.42	0.277	2.00	Pass
			RB6#0	21.86	1.5	23.36	0.217	2.00	Pass
		16-QAM	RB1#0	22.24	1.5	23.74	0.237	2.00	Pass
			RB1#3	22.44	1.5	23.94	0.248	2.00	Pass
			RB1#5	22.35	1.5	23.85	0.243	2.00	Pass
			RB3#0	22.3	1.5	23.80	0.240	2.00	Pass
			RB3#2	22.27	1.5	23.77	0.238	2.00	Pass
			RB3#3	22.23	1.5	23.73	0.236	2.00	Pass
			RB6#0	20.9	1.5	22.40	0.174	2.00	Pass
	HCH	QPSK	RB1#0	22.69	1.5	24.19	0.262	2.00	Pass
			RB1#3	22.73	1.5	24.23	0.265	2.00	Pass
			RB1#5	22.71	1.5	24.21	0.264	2.00	Pass
			RB3#0	22.75	1.5	24.25	0.266	2.00	Pass
			RB3#2	22.85	1.5	24.35	0.272	2.00	Pass
			RB3#3	22.76	1.5	24.26	0.267	2.00	Pass
			RB6#0	21.74	1.5	23.24	0.211	2.00	Pass
		16-QAM	RB1#0	21.72	1.5	23.22	0.210	2.00	Pass
			RB1#3	21.82	1.5	23.32	0.215	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND25									
			RB1#5	21.76	1.5	23.26	0.212	2.00	Pass
			RB3#0	21.9	1.5	23.40	0.219	2.00	Pass
			RB3#2	21.95	1.5	23.45	0.221	2.00	Pass
			RB3#3	21.87	1.5	23.37	0.217	2.00	Pass
			RB6#0	20.95	1.5	22.45	0.176	2.00	Pass
3 MHz	LCH	QPSK	RB1#0	22.92	1.5	24.42	0.277	2.00	Pass
			RB1#7	22.93	1.5	24.43	0.277	2.00	Pass
			RB1#14	22.94	1.5	24.44	0.278	2.00	Pass
			RB8#0	21.98	1.5	23.48	0.223	2.00	Pass
			RB8#4	22.03	1.5	23.53	0.225	2.00	Pass
			RB8#7	21.98	1.5	23.48	0.223	2.00	Pass
			RB15#0	21.99	1.5	23.49	0.223	2.00	Pass
		16-QAM	RB1#0	21.9	1.5	23.40	0.219	2.00	Pass
			RB1#7	21.92	1.5	23.42	0.220	2.00	Pass
			RB1#14	21.9	1.5	23.40	0.219	2.00	Pass
			RB8#0	21.14	1.5	22.64	0.184	2.00	Pass
			RB8#4	21.16	1.5	22.66	0.185	2.00	Pass
			RB8#7	21.13	1.5	22.63	0.183	2.00	Pass
			RB15#0	21.07	1.5	22.57	0.181	2.00	Pass
	MCH	QPSK	RB1#0	23.07	1.5	24.57	0.286	2.00	Pass
			RB1#7	23.05	1.5	24.55	0.285	2.00	Pass
			RB1#14	23.09	1.5	24.59	0.288	2.00	Pass
			RB8#0	22.06	1.5	23.56	0.227	2.00	Pass
			RB8#4	22.09	1.5	23.59	0.229	2.00	Pass
			RB8#7	22.13	1.5	23.63	0.231	2.00	Pass
			RB15#0	22.13	1.5	23.63	0.231	2.00	Pass
		16-QAM	RB1#0	22.46	1.5	23.96	0.249	2.00	Pass
			RB1#7	22.45	1.5	23.95	0.248	2.00	Pass
			RB1#14	22.5	1.5	24.00	0.251	2.00	Pass
			RB8#0	21.19	1.5	22.69	0.186	2.00	Pass
			RB8#4	21.25	1.5	22.75	0.188	2.00	Pass
			RB8#7	21.19	1.5	22.69	0.186	2.00	Pass
			RB15#0	21.16	1.5	22.66	0.185	2.00	Pass
	HCH	QPSK	RB1#0	22.75	1.5	24.25	0.266	2.00	Pass
			RB1#7	22.78	1.5	24.28	0.268	2.00	Pass
			RB1#14	22.75	1.5	24.25	0.266	2.00	Pass
			RB8#0	21.82	1.5	23.32	0.215	2.00	Pass
			RB8#4	21.86	1.5	23.36	0.217	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND25									
			RB8#7	21.8	1.5	23.30	0.214	2.00	Pass
			RB15#0	21.82	1.5	23.32	0.215	2.00	Pass
		16-QAM	RB1#0	21.84	1.5	23.34	0.216	2.00	Pass
			RB1#7	21.8	1.5	23.30	0.214	2.00	Pass
			RB1#14	21.77	1.5	23.27	0.212	2.00	Pass
			RB8#0	20.88	1.5	22.38	0.173	2.00	Pass
			RB8#4	20.91	1.5	22.41	0.174	2.00	Pass
			RB8#7	20.88	1.5	22.38	0.173	2.00	Pass
			RB15#0	20.8	1.5	22.30	0.170	2.00	Pass
5 MHz	LCH	QPSK	RB1#0	22.97	1.5	24.47	0.280	2.00	Pass
			RB1#13	23.07	1.5	24.57	0.286	2.00	Pass
			RB1#24	23.02	1.5	24.52	0.283	2.00	Pass
			RB12#0	22.02	1.5	23.52	0.225	2.00	Pass
			RB12#6	22.02	1.5	23.52	0.225	2.00	Pass
			RB12#13	22.03	1.5	23.53	0.225	2.00	Pass
			RB25#0	22.04	1.5	23.54	0.226	2.00	Pass
		16-QAM	RB1#0	22.19	1.5	23.69	0.234	2.00	Pass
			RB1#13	22.29	1.5	23.79	0.239	2.00	Pass
			RB1#24	22.24	1.5	23.74	0.237	2.00	Pass
			RB12#0	21.15	1.5	22.65	0.184	2.00	Pass
			RB12#6	21.17	1.5	22.67	0.185	2.00	Pass
			RB12#13	21.14	1.5	22.64	0.184	2.00	Pass
			RB25#0	21.11	1.5	22.61	0.182	2.00	Pass
	MCH	QPSK	RB1#0	23.07	1.5	24.57	0.286	2.00	Pass
			RB1#13	23.18	1.5	24.68	0.294	2.00	Pass
			RB1#24	23.12	1.5	24.62	0.290	2.00	Pass
			RB12#0	22.11	1.5	23.61	0.230	2.00	Pass
			RB12#6	22.11	1.5	23.61	0.230	2.00	Pass
			RB12#13	22.11	1.5	23.61	0.230	2.00	Pass
			RB25#0	22.1	1.5	23.60	0.229	2.00	Pass
		16-QAM	RB1#0	22.6	1.5	24.10	0.257	2.00	Pass
			RB1#13	22.66	1.5	24.16	0.261	2.00	Pass
			RB1#24	22.67	1.5	24.17	0.261	2.00	Pass
			RB12#0	21.28	1.5	22.78	0.190	2.00	Pass
			RB12#6	21.31	1.5	22.81	0.191	2.00	Pass
			RB12#13	21.28	1.5	22.78	0.190	2.00	Pass
			RB25#0	21.18	1.5	22.68	0.185	2.00	Pass
	HCH	QPSK	RB1#0	22.75	1.5	24.25	0.266	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND25									
			RB1#13	22.84	1.5	24.34	0.272	2.00	Pass
			RB1#24	22.74	1.5	24.24	0.265	2.00	Pass
			RB12#0	21.79	1.5	23.29	0.213	2.00	Pass
			RB12#6	21.86	1.5	23.36	0.217	2.00	Pass
			RB12#13	21.79	1.5	23.29	0.213	2.00	Pass
			RB25#0	21.84	1.5	23.34	0.216	2.00	Pass
		16-QAM	RB1#0	21.92	1.5	23.42	0.220	2.00	Pass
			RB1#13	22.03	1.5	23.53	0.225	2.00	Pass
			RB1#24	21.89	1.5	23.39	0.218	2.00	Pass
			RB12#0	20.89	1.5	22.39	0.173	2.00	Pass
			RB12#6	20.91	1.5	22.41	0.174	2.00	Pass
			RB12#13	20.86	1.5	22.36	0.172	2.00	Pass
			RB25#0	20.83	1.5	22.33	0.171	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.95	1.5	24.45	0.279	2.00	Pass
			RB1#25	22.95	1.5	24.45	0.279	2.00	Pass
			RB1#49	22.99	1.5	24.49	0.281	2.00	Pass
			RB25#0	22.02	1.5	23.52	0.225	2.00	Pass
			RB25#13	22.09	1.5	23.59	0.229	2.00	Pass
			RB25#25	22.04	1.5	23.54	0.226	2.00	Pass
			RB50#0	22.05	1.5	23.55	0.226	2.00	Pass
		16-QAM	RB1#0	21.94	1.5	23.44	0.221	2.00	Pass
			RB1#25	21.96	1.5	23.46	0.222	2.00	Pass
			RB1#49	22	1.5	23.50	0.224	2.00	Pass
			RB25#0	21.07	1.5	22.57	0.181	2.00	Pass
			RB25#13	21.14	1.5	22.64	0.184	2.00	Pass
			RB25#25	21.11	1.5	22.61	0.182	2.00	Pass
			RB50#0	21.09	1.5	22.59	0.182	2.00	Pass
	MCH	QPSK	RB1#0	23.06	1.5	24.56	0.286	2.00	Pass
			RB1#25	23.07	1.5	24.57	0.286	2.00	Pass
			RB1#49	23.09	1.5	24.59	0.288	2.00	Pass
			RB25#0	22.08	1.5	23.58	0.228	2.00	Pass
			RB25#13	22.17	1.5	23.67	0.233	2.00	Pass
			RB25#25	22.12	1.5	23.62	0.230	2.00	Pass
			RB50#0	22.1	1.5	23.60	0.229	2.00	Pass
		16-QAM	RB1#0	22.48	1.5	23.98	0.250	2.00	Pass
			RB1#25	22.48	1.5	23.98	0.250	2.00	Pass
			RB1#49	22.51	1.5	24.01	0.252	2.00	Pass
			RB25#0	21.17	1.5	22.67	0.185	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND25									
			RB25#13	21.2	1.5	22.70	0.186	2.00	Pass
			RB25#25	21.17	1.5	22.67	0.185	2.00	Pass
			RB50#0	21.15	1.5	22.65	0.184	2.00	Pass
	HCH	QPSK	RB1#0	22.86	1.5	24.36	0.273	2.00	Pass
			RB1#25	22.77	1.5	24.27	0.267	2.00	Pass
			RB1#49	22.75	1.5	24.25	0.266	2.00	Pass
			RB25#0	21.88	1.5	23.38	0.218	2.00	Pass
			RB25#13	21.84	1.5	23.34	0.216	2.00	Pass
			RB25#25	21.82	1.5	23.32	0.215	2.00	Pass
			RB50#0	21.96	1.5	23.46	0.222	2.00	Pass
		16-QAM	RB1#0	21.9	1.5	23.40	0.219	2.00	Pass
			RB1#25	21.81	1.5	23.31	0.214	2.00	Pass
			RB1#49	21.77	1.5	23.27	0.212	2.00	Pass
			RB25#0	21.03	1.5	22.53	0.179	2.00	Pass
			RB25#13	20.93	1.5	22.43	0.175	2.00	Pass
			RB25#25	20.91	1.5	22.41	0.174	2.00	Pass
			RB50#0	21	1.5	22.50	0.178	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.97	1.5	24.47	0.280	2.00	Pass
			RB1#38	23.02	1.5	24.52	0.283	2.00	Pass
			RB1#74	23.01	1.5	24.51	0.282	2.00	Pass
			RB36#0	22.05	1.5	23.55	0.226	2.00	Pass
			RB36#19	22.12	1.5	23.62	0.230	2.00	Pass
			RB36#39	22.05	1.5	23.55	0.226	2.00	Pass
			RB75#0	22.09	1.5	23.59	0.229	2.00	Pass
		16-QAM	RB1#0	21.94	1.5	23.44	0.221	2.00	Pass
			RB1#38	21.98	1.5	23.48	0.223	2.00	Pass
			RB1#74	21.98	1.5	23.48	0.223	2.00	Pass
			RB36#0	21.06	1.5	22.56	0.180	2.00	Pass
			RB36#19	21.14	1.5	22.64	0.184	2.00	Pass
			RB36#39	21.11	1.5	22.61	0.182	2.00	Pass
			RB75#0	21.08	1.5	22.58	0.181	2.00	Pass
	MCH	QPSK	RB1#0	23.1	1.5	24.60	0.288	2.00	Pass
			RB1#38	23.09	1.5	24.59	0.288	2.00	Pass
			RB1#74	23.07	1.5	24.57	0.286	2.00	Pass
			RB36#0	22.13	1.5	23.63	0.231	2.00	Pass
			RB36#19	22.13	1.5	23.63	0.231	2.00	Pass
			RB36#39	22.15	1.5	23.65	0.232	2.00	Pass
			RB75#0	22.13	1.5	23.63	0.231	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND25									
			RB1#0	22.46	1.5	23.96	0.249	2.00	Pass
			RB1#38	22.5	1.5	24.00	0.251	2.00	Pass
			RB1#74	22.47	1.5	23.97	0.249	2.00	Pass
		16-QAM	RB36#0	21.23	1.5	22.73	0.187	2.00	Pass
			RB36#19	21.25	1.5	22.75	0.188	2.00	Pass
			RB36#39	21.19	1.5	22.69	0.186	2.00	Pass
			RB75#0	21.18	1.5	22.68	0.185	2.00	Pass
	HCH		RB1#0	22.81	1.5	24.31	0.270	2.00	Pass
			RB1#38	22.73	1.5	24.23	0.265	2.00	Pass
			RB1#74	22.74	1.5	24.24	0.265	2.00	Pass
		QPSK	RB36#0	21.86	1.5	23.36	0.217	2.00	Pass
			RB36#19	21.93	1.5	23.43	0.220	2.00	Pass
			RB36#39	21.81	1.5	23.31	0.214	2.00	Pass
			RB75#0	21.9	1.5	23.40	0.219	2.00	Pass
			RB1#0	22.27	1.5	23.77	0.238	2.00	Pass
			RB1#38	22.21	1.5	23.71	0.235	2.00	Pass
			RB1#74	22.14	1.5	23.64	0.231	2.00	Pass
		16-QAM	RB36#0	20.84	1.5	22.34	0.171	2.00	Pass
			RB36#19	20.95	1.5	22.45	0.176	2.00	Pass
			RB36#39	20.79	1.5	22.29	0.169	2.00	Pass
			RB75#0	20.89	1.5	22.39	0.173	2.00	Pass
20 MHz	LCH		RB1#0	23	1.5	24.50	0.282	2.00	Pass
			RB1#50	23.08	1.5	24.58	0.287	2.00	Pass
			RB1#99	22.98	1.5	24.48	0.281	2.00	Pass
		QPSK	RB50#0	22.06	1.5	23.56	0.227	2.00	Pass
			RB50#25	22.14	1.5	23.64	0.231	2.00	Pass
			RB50#50	22.02	1.5	23.52	0.225	2.00	Pass
			RB100#0	21.97	1.5	23.47	0.222	2.00	Pass
			RB1#0	22.52	1.5	24.02	0.252	2.00	Pass
			RB1#50	22.61	1.5	24.11	0.258	2.00	Pass
			RB1#99	22.52	1.5	24.02	0.252	2.00	Pass
		16-QAM	RB50#0	21.14	1.5	22.64	0.184	2.00	Pass
			RB50#25	21.22	1.5	22.72	0.187	2.00	Pass
			RB50#50	21.05	1.5	22.55	0.180	2.00	Pass
			RB100#0	21.07	1.5	22.57	0.181	2.00	Pass
	MCH		RB1#0	23.05	1.5	24.55	0.285	2.00	Pass
		QPSK	RB1#50	23.13	1.5	24.63	0.290	2.00	Pass
			RB1#99	23.01	1.5	24.51	0.282	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND25									
			RB50#0	22.14	1.5	23.64	0.231	2.00	Pass
			RB50#25	22.15	1.5	23.65	0.232	2.00	Pass
			RB50#50	22.14	1.5	23.64	0.231	2.00	Pass
			RB100#0	22.17	1.5	23.67	0.233	2.00	Pass
		16-QAM	RB1#0	22.53	1.5	24.03	0.253	2.00	Pass
			RB1#50	22.6	1.5	24.10	0.257	2.00	Pass
			RB1#99	22.47	1.5	23.97	0.249	2.00	Pass
			RB50#0	21.2	1.5	22.70	0.186	2.00	Pass
			RB50#25	21.2	1.5	22.70	0.186	2.00	Pass
			RB50#50	21.19	1.5	22.69	0.186	2.00	Pass
			RB100#0	21.2	1.5	22.70	0.186	2.00	Pass
	HCH	QPSK	RB1#0	22.85	1.5	24.35	0.272	2.00	Pass
			RB1#50	22.94	1.5	24.44	0.278	2.00	Pass
			RB1#99	22.83	1.5	24.33	0.271	2.00	Pass
			RB50#0	21.96	1.5	23.46	0.222	2.00	Pass
			RB50#25	22.06	1.5	23.56	0.227	2.00	Pass
			RB50#50	22.04	1.5	23.54	0.226	2.00	Pass
			RB100#0	22.01	1.5	23.51	0.224	2.00	Pass
		16-QAM	RB1#0	22.29	1.5	23.79	0.239	2.00	Pass
			RB1#50	22.36	1.5	23.86	0.243	2.00	Pass
			RB1#99	22.22	1.5	23.72	0.236	2.00	Pass
			RB50#0	20.94	1.5	22.44	0.175	2.00	Pass
			RB50#25	21.05	1.5	22.55	0.180	2.00	Pass
			RB50#50	21.04	1.5	22.54	0.179	2.00	Pass
			RB100#0	21.02	1.5	22.52	0.179	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (824-849MHz)										
1.4 MHz	LCH	QPSK	RB1#0	23.63	0.5	-1.65	21.98	0.158	7.00	Pass
			RB1#3	23.67	0.5	-1.65	22.02	0.159	7.00	Pass
			RB1#5	23.64	0.5	-1.65	21.99	0.158	7.00	Pass
			RB3#0	23.7	0.5	-1.65	22.05	0.160	7.00	Pass
			RB3#2	23.76	0.5	-1.65	22.11	0.163	7.00	Pass
			RB3#3	23.68	0.5	-1.65	22.03	0.160	7.00	Pass
			RB6#0	22.65	0.5	-1.65	21.00	0.126	7.00	Pass
		16-QAM	RB1#0	22.77	0.5	-1.65	21.12	0.129	7.00	Pass
			RB1#3	22.8	0.5	-1.65	21.15	0.130	7.00	Pass
			RB1#5	22.73	0.5	-1.65	21.08	0.128	7.00	Pass
			RB3#0	22.72	0.5	-1.65	21.07	0.128	7.00	Pass
			RB3#2	22.79	0.5	-1.65	21.14	0.130	7.00	Pass
			RB3#3	22.75	0.5	-1.65	21.10	0.129	7.00	Pass
			RB6#0	21.79	0.5	-1.65	20.14	0.103	7.00	Pass
	MCH	QPSK	RB1#0	22.69	0.5	-1.65	21.04	0.127	7.00	Pass
			RB1#3	23.71	0.5	-1.65	22.06	0.161	7.00	Pass
			RB1#5	23.65	0.5	-1.65	22.00	0.158	7.00	Pass
			RB3#0	23.68	0.5	-1.65	22.03	0.160	7.00	Pass
			RB3#2	23.75	0.5	-1.65	22.10	0.162	7.00	Pass
			RB3#3	23.69	0.5	-1.65	22.04	0.160	7.00	Pass
			RB6#0	22.72	0.5	-1.65	21.07	0.128	7.00	Pass
		16-QAM	RB1#0	23.02	0.5	-1.65	21.37	0.137	7.00	Pass
			RB1#3	23.06	0.5	-1.65	21.41	0.138	7.00	Pass
			RB1#5	23.05	0.5	-1.65	21.40	0.138	7.00	Pass
			RB3#0	22.88	0.5	-1.65	21.23	0.133	7.00	Pass
			RB3#2	22.94	0.5	-1.65	21.29	0.135	7.00	Pass
			RB3#3	22.85	0.5	-1.65	21.20	0.132	7.00	Pass
			RB6#0	21.61	0.5	-1.65	19.96	0.099	7.00	Pass
	HCH	QPSK	RB1#0	23.25	0.5	-1.65	21.60	0.145	7.00	Pass
			RB1#3	23.03	0.5	-1.65	21.38	0.137	7.00	Pass
			RB1#5	22.78	0.5	-1.65	21.13	0.130	7.00	Pass
			RB3#0	23.06	0.5	-1.65	21.41	0.138	7.00	Pass
			RB3#2	22.93	0.5	-1.65	21.28	0.134	7.00	Pass
			RB3#3	22.77	0.5	-1.65	21.12	0.129	7.00	Pass
			RB6#0	22.7	0.5	-1.65	21.05	0.127	7.00	Pass
		16-QAM	RB1#0	22.03	0.5	-1.65	20.38	0.109	7.00	Pass
			RB1#3	21.88	0.5	-1.65	20.23	0.105	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (824-849MHz)										
			RB1#5	21.68	0.5	-1.65	20.03	0.101	7.00	Pass
			RB3#0	22.07	0.5	-1.65	20.42	0.110	7.00	Pass
			RB3#2	21.97	0.5	-1.65	20.32	0.108	7.00	Pass
			RB3#3	21.83	0.5	-1.65	20.18	0.104	7.00	Pass
			RB6#0	21.82	0.5	-1.65	20.17	0.104	7.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.69	0.5	-1.65	22.04	0.160	7.00	Pass
			RB1#7	23.61	0.5	-1.65	21.96	0.157	7.00	Pass
			RB1#14	23.61	0.5	-1.65	21.96	0.157	7.00	Pass
			RB8#0	22.72	0.5	-1.65	21.07	0.128	7.00	Pass
			RB8#4	22.74	0.5	-1.65	21.09	0.129	7.00	Pass
			RB8#7	22.71	0.5	-1.65	21.06	0.128	7.00	Pass
			RB15#0	22.76	0.5	-1.65	21.11	0.129	7.00	Pass
		16-QAM	RB1#0	22.99	0.5	-1.65	21.34	0.136	7.00	Pass
			RB1#7	22.97	0.5	-1.65	21.32	0.136	7.00	Pass
			RB1#14	23.04	0.5	-1.65	21.39	0.138	7.00	Pass
			RB8#0	21.74	0.5	-1.65	20.09	0.102	7.00	Pass
			RB8#4	21.84	0.5	-1.65	20.19	0.104	7.00	Pass
			RB8#7	21.82	0.5	-1.65	20.17	0.104	7.00	Pass
			RB15#0	21.76	0.5	-1.65	20.11	0.103	7.00	Pass
	MCH	QPSK	RB1#0	23.62	0.5	-1.65	21.97	0.157	7.00	Pass
			RB1#7	23.39	0.5	-1.65	21.74	0.149	7.00	Pass
			RB1#14	23.42	0.5	-1.65	21.77	0.150	7.00	Pass
			RB8#0	22.75	0.5	-1.65	21.10	0.129	7.00	Pass
			RB8#4	22.76	0.5	-1.65	21.11	0.129	7.00	Pass
			RB8#7	22.72	0.5	-1.65	21.07	0.128	7.00	Pass
			RB15#0	22.73	0.5	-1.65	21.08	0.128	7.00	Pass
		16-QAM	RB1#0	22.8	0.5	-1.65	21.15	0.130	7.00	Pass
			RB1#7	22.57	0.5	-1.65	20.92	0.124	7.00	Pass
			RB1#14	22.63	0.5	-1.65	20.98	0.125	7.00	Pass
			RB8#0	21.79	0.5	-1.65	20.14	0.103	7.00	Pass
			RB8#4	21.89	0.5	-1.65	20.24	0.106	7.00	Pass
			RB8#7	21.82	0.5	-1.65	20.17	0.104	7.00	Pass
			RB15#0	21.81	0.5	-1.65	20.16	0.104	7.00	Pass
	HCH	QPSK	RB1#0	22.99	0.5	-1.65	21.34	0.136	7.00	Pass
			RB1#7	22.51	0.5	-1.65	20.86	0.122	7.00	Pass
			RB1#14	22.15	0.5	-1.65	20.50	0.112	7.00	Pass
			RB8#0	22.72	0.5	-1.65	21.07	0.128	7.00	Pass
			RB8#4	22.54	0.5	-1.65	20.89	0.123	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (824-849MHz)										
			RB8#7	22.33	0.5	-1.65	20.68	0.117	7.00	Pass
			RB15#0	22.53	0.5	-1.65	20.88	0.122	7.00	Pass
		16-QAM	RB1#0	21.94	0.5	-1.65	20.29	0.107	7.00	Pass
			RB1#7	21.5	0.5	-1.65	19.85	0.097	7.00	Pass
			RB1#14	21.19	0.5	-1.65	19.54	0.090	7.00	Pass
			RB8#0	21.78	0.5	-1.65	20.13	0.103	7.00	Pass
			RB8#4	21.61	0.5	-1.65	19.96	0.099	7.00	Pass
			RB8#7	21.43	0.5	-1.65	19.78	0.095	7.00	Pass
			RB15#0	21.53	0.5	-1.65	19.88	0.097	7.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.69	0.5	-1.65	22.04	0.160	7.00	Pass
			RB1#13	23.46	0.5	-1.65	21.81	0.152	7.00	Pass
			RB1#24	23.31	0.5	-1.65	21.66	0.147	7.00	Pass
			RB12#0	22.72	0.5	-1.65	21.07	0.128	7.00	Pass
			RB12#6	22.75	0.5	-1.65	21.10	0.129	7.00	Pass
			RB12#13	22.75	0.5	-1.65	21.10	0.129	7.00	Pass
			RB25#0	22.79	0.5	-1.65	21.14	0.130	7.00	Pass
		16-QAM	RB1#0	22.87	0.5	-1.65	21.22	0.132	7.00	Pass
			RB1#13	22.6	0.5	-1.65	20.95	0.124	7.00	Pass
			RB1#24	22.49	0.5	-1.65	20.84	0.121	7.00	Pass
			RB12#0	21.85	0.5	-1.65	20.20	0.105	7.00	Pass
			RB12#6	21.85	0.5	-1.65	20.20	0.105	7.00	Pass
			RB12#13	21.85	0.5	-1.65	20.20	0.105	7.00	Pass
			RB25#0	21.84	0.5	-1.65	20.19	0.104	7.00	Pass
	MCH	QPSK	RB1#0	23.57	0.5	-1.65	21.92	0.156	7.00	Pass
			RB1#13	23.28	0.5	-1.65	21.63	0.146	7.00	Pass
			RB1#24	23.29	0.5	-1.65	21.64	0.146	7.00	Pass
			RB12#0	22.77	0.5	-1.65	21.12	0.129	7.00	Pass
			RB12#6	22.77	0.5	-1.65	21.12	0.129	7.00	Pass
			RB12#13	22.71	0.5	-1.65	21.06	0.128	7.00	Pass
			RB25#0	22.77	0.5	-1.65	21.12	0.129	7.00	Pass
		16-QAM	RB1#0	22.97	0.5	-1.65	21.32	0.136	7.00	Pass
			RB1#13	22.73	0.5	-1.65	21.08	0.128	7.00	Pass
			RB1#24	22.73	0.5	-1.65	21.08	0.128	7.00	Pass
			RB12#0	21.92	0.5	-1.65	20.27	0.106	7.00	Pass
			RB12#6	21.94	0.5	-1.65	20.29	0.107	7.00	Pass
			RB12#13	21.87	0.5	-1.65	20.22	0.105	7.00	Pass
			RB25#0	21.85	0.5	-1.65	20.20	0.105	7.00	Pass
	HCH	QPSK	RB1#0	23.04	0.5	-1.65	21.39	0.138	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (824-849MHz)										
			RB1#13	22.72	0.5	-1.65	21.07	0.128	7.00	Pass
			RB1#24	22.25	0.5	-1.65	20.60	0.115	7.00	Pass
			RB12#0	22.78	0.5	-1.65	21.13	0.130	7.00	Pass
			RB12#6	22.71	0.5	-1.65	21.06	0.128	7.00	Pass
			RB12#13	22.48	0.5	-1.65	20.83	0.121	7.00	Pass
			RB25#0	22.67	0.5	-1.65	21.02	0.126	7.00	Pass
		16-QAM	RB1#0	22.1	0.5	-1.65	20.45	0.111	7.00	Pass
			RB1#13	21.82	0.5	-1.65	20.17	0.104	7.00	Pass
			RB1#24	21.39	0.5	-1.65	19.74	0.094	7.00	Pass
			RB12#0	21.83	0.5	-1.65	20.18	0.104	7.00	Pass
			RB12#6	21.77	0.5	-1.65	20.12	0.103	7.00	Pass
			RB12#13	21.57	0.5	-1.65	19.92	0.098	7.00	Pass
			RB25#0	21.67	0.5	-1.65	20.02	0.100	7.00	Pass
10 MHz	MCH	QPSK	RB1#0	23.48	0.5	-1.65	21.83	0.152	7.00	Pass
			RB1#25	23.05	0.5	-1.65	21.40	0.138	7.00	Pass
			RB1#49	22.72	0.5	-1.65	21.07	0.128	7.00	Pass
			RB25#0	22.82	0.5	-1.65	21.17	0.131	7.00	Pass
			RB25#13	22.85	0.5	-1.65	21.20	0.132	7.00	Pass
			RB25#25	22.76	0.5	-1.65	21.11	0.129	7.00	Pass
			RB50#0	22.82	0.5	-1.65	21.17	0.131	7.00	Pass
		16-QAM	RB1#0	22.36	0.5	-1.65	20.71	0.118	7.00	Pass
			RB1#25	21.98	0.5	-1.65	20.33	0.108	7.00	Pass
			RB1#49	21.66	0.5	-1.65	20.01	0.100	7.00	Pass
			RB25#0	21.86	0.5	-1.65	20.21	0.105	7.00	Pass
			RB25#13	21.87	0.5	-1.65	20.22	0.105	7.00	Pass
			RB25#25	21.84	0.5	-1.65	20.19	0.104	7.00	Pass
			RB50#0	21.84	0.5	-1.65	20.19	0.104	7.00	Pass
	MCH	QPSK	RB1#0	23.09	0.5	-1.65	21.44	0.139	7.00	Pass
			RB1#25	23.08	0.5	-1.65	21.43	0.139	7.00	Pass
			RB1#49	22.56	0.5	-1.65	20.91	0.123	7.00	Pass
			RB25#0	22.82	0.5	-1.65	21.17	0.131	7.00	Pass
			RB25#13	22.78	0.5	-1.65	21.13	0.130	7.00	Pass
			RB25#25	22.76	0.5	-1.65	21.11	0.129	7.00	Pass
			RB50#0	22.76	0.5	-1.65	21.11	0.129	7.00	Pass
		16-QAM	RB1#0	22.38	0.5	-1.65	20.73	0.118	7.00	Pass
			RB1#25	22.41	0.5	-1.65	20.76	0.119	7.00	Pass
			RB1#49	21.9	0.5	-1.65	20.25	0.106	7.00	Pass
			RB25#0	21.86	0.5	-1.65	20.21	0.105	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (824-849MHz)										
15 MHz	HCH	QPSK	RB25#13	21.83	0.5	-1.65	20.18	0.104	7.00	Pass
			RB25#25	21.82	0.5	-1.65	20.17	0.104	7.00	Pass
			RB50#0	21.82	0.5	-1.65	20.17	0.104	7.00	Pass
			RB1#0	23	0.5	-1.65	21.35	0.136	7.00	Pass
			RB1#25	22.58	0.5	-1.65	20.93	0.124	7.00	Pass
			RB1#49	21.74	0.5	-1.65	20.09	0.102	7.00	Pass
			RB25#0	22.81	0.5	-1.65	21.16	0.131	7.00	Pass
			RB25#13	22.64	0.5	-1.65	20.99	0.126	7.00	Pass
			RB25#25	22.36	0.5	-1.65	20.71	0.118	7.00	Pass
			RB50#0	22.57	0.5	-1.65	20.92	0.124	7.00	Pass
		16-QAM	RB1#0	21.97	0.5	-1.65	20.32	0.108	7.00	Pass
			RB1#25	21.57	0.5	-1.65	19.92	0.098	7.00	Pass
			RB1#49	20.77	0.5	-1.65	19.12	0.082	7.00	Pass
			RB25#0	21.9	0.5	-1.65	20.25	0.106	7.00	Pass
			RB25#13	21.75	0.5	-1.65	20.10	0.102	7.00	Pass
			RB25#25	21.47	0.5	-1.65	19.82	0.096	7.00	Pass
			RB50#0	21.63	0.5	-1.65	19.98	0.100	7.00	Pass
	LCH	QPSK	RB1#0	23.22	0.5	-1.65	21.57	0.144	7.00	Pass
			RB1#38	22.98	0.5	-1.65	21.33	0.136	7.00	Pass
			RB1#74	22.34	0.5	-1.65	20.69	0.117	7.00	Pass
			RB36#0	22.82	0.5	-1.65	21.17	0.131	7.00	Pass
			RB36#19	22.8	0.5	-1.65	21.15	0.130	7.00	Pass
			RB36#39	22.73	0.5	-1.65	21.08	0.128	7.00	Pass
			RB75#0	22.78	0.5	-1.65	21.13	0.130	7.00	Pass
		16-QAM	RB1#0	22.07	0.5	-1.65	20.42	0.110	7.00	Pass
			RB1#38	21.88	0.5	-1.65	20.23	0.105	7.00	Pass
			RB1#74	21.26	0.5	-1.65	19.61	0.091	7.00	Pass
			RB36#0	21.79	0.5	-1.65	20.14	0.103	7.00	Pass
			RB36#19	21.79	0.5	-1.65	20.14	0.103	7.00	Pass
			RB36#39	21.74	0.5	-1.65	20.09	0.102	7.00	Pass
			RB75#0	21.81	0.5	-1.65	20.16	0.104	7.00	Pass
	MCH	QPSK	RB1#0	22.78	0.5	-1.65	21.13	0.130	7.00	Pass
			RB1#38	22.96	0.5	-1.65	21.31	0.135	7.00	Pass
			RB1#74	21.88	0.5	-1.65	20.23	0.105	7.00	Pass
			RB36#0	22.82	0.5	-1.65	21.17	0.131	7.00	Pass
			RB36#19	22.84	0.5	-1.65	21.19	0.132	7.00	Pass
			RB36#39	22.56	0.5	-1.65	20.91	0.123	7.00	Pass
			RB75#0	22.72	0.5	-1.65	21.07	0.128	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (824-849MHz)										
		16-QAM	RB1#0	22.07	0.5	-1.65	20.42	0.110	7.00	Pass
			RB1#38	22.29	0.5	-1.65	20.64	0.116	7.00	Pass
			RB1#74	21.23	0.5	-1.65	19.58	0.091	7.00	Pass
			RB36#0	21.88	0.5	-1.65	20.23	0.105	7.00	Pass
			RB36#19	21.83	0.5	-1.65	20.18	0.104	7.00	Pass
			RB36#39	21.62	0.5	-1.65	19.97	0.099	7.00	Pass
			RB75#0	21.79	0.5	-1.65	20.14	0.103	7.00	Pass
	HCH	QPSK	RB1#0	22.76	0.5	-1.65	21.11	0.129	7.00	Pass
			RB1#38	22.66	0.5	-1.65	21.01	0.126	7.00	Pass
			RB1#74	21.44	0.5	-1.65	19.79	0.095	7.00	Pass
			RB36#0	22.75	0.5	-1.65	21.10	0.129	7.00	Pass
			RB36#19	22.68	0.5	-1.65	21.03	0.127	7.00	Pass
			RB36#39	22.19	0.5	-1.65	20.54	0.113	7.00	Pass
			RB75#0	22.51	0.5	-1.65	20.86	0.122	7.00	Pass
		16-QAM	RB1#0	22.12	0.5	-1.65	20.47	0.111	7.00	Pass
			RB1#38	22.06	0.5	-1.65	20.41	0.110	7.00	Pass
			RB1#74	20.87	0.5	-1.65	19.22	0.084	7.00	Pass
			RB36#0	21.73	0.5	-1.65	20.08	0.102	7.00	Pass
			RB36#19	21.68	0.5	-1.65	20.03	0.101	7.00	Pass
			RB36#39	21.19	0.5	-1.65	19.54	0.090	7.00	Pass
			RB75#0	21.54	0.5	-1.65	19.89	0.097	7.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (814-824MHz)										
1.4 MHz	LCH	QPSK	RB1#0	23.62	0.5	-1.65	21.97	0.157	100	Pass
			RB1#3	23.67	0.5	-1.65	22.02	0.159	100	Pass
			RB1#5	23.59	0.5	-1.65	21.94	0.156	100	Pass
			RB3#0	23.64	0.5	-1.65	21.99	0.158	100	Pass
			RB3#2	23.75	0.5	-1.65	22.10	0.162	100	Pass
			RB3#3	23.73	0.5	-1.65	22.08	0.161	100	Pass
			RB6#0	22.73	0.5	-1.65	21.08	0.128	100	Pass
		16-QAM	RB1#0	22.82	0.5	-1.65	21.17	0.131	100	Pass
			RB1#3	22.85	0.5	-1.65	21.20	0.132	100	Pass
			RB1#5	22.8	0.5	-1.65	21.15	0.130	100	Pass
			RB3#0	22.79	0.5	-1.65	21.14	0.130	100	Pass
			RB3#2	22.81	0.5	-1.65	21.16	0.131	100	Pass
			RB3#3	22.71	0.5	-1.65	21.06	0.128	100	Pass
			RB6#0	21.92	0.5	-1.65	20.27	0.106	100	Pass
	MCH	QPSK	RB1#0	23.7	0.5	-1.65	22.05	0.160	100	Pass
			RB1#3	23.72	0.5	-1.65	22.07	0.161	100	Pass
			RB1#5	23.68	0.5	-1.65	22.03	0.160	100	Pass
			RB3#0	23.51	0.5	-1.65	21.86	0.153	100	Pass
			RB3#2	23.54	0.5	-1.65	21.89	0.155	100	Pass
			RB3#3	23.48	0.5	-1.65	21.83	0.152	100	Pass
			RB6#0	22.68	0.5	-1.65	21.03	0.127	100	Pass
		16-QAM	RB1#0	22.73	0.5	-1.65	21.08	0.128	100	Pass
			RB1#3	22.8	0.5	-1.65	21.15	0.130	100	Pass
			RB1#5	22.77	0.5	-1.65	21.12	0.129	100	Pass
			RB3#0	22.47	0.5	-1.65	20.82	0.121	100	Pass
			RB3#2	22.52	0.5	-1.65	20.87	0.122	100	Pass
			RB3#3	22.47	0.5	-1.65	20.82	0.121	100	Pass
			RB6#0	21.59	0.5	-1.65	19.94	0.099	100	Pass
	HCH	QPSK	RB1#0	23.59	0.5	-1.65	21.94	0.156	100	Pass
			RB1#3	23.63	0.5	-1.65	21.98	0.158	100	Pass
			RB1#5	23.61	0.5	-1.65	21.96	0.157	100	Pass
			RB3#0	23.63	0.5	-1.65	21.98	0.158	100	Pass
			RB3#2	23.7	0.5	-1.65	22.05	0.160	100	Pass
			RB3#3	23.67	0.5	-1.65	22.02	0.159	100	Pass
			RB6#0	22.64	0.5	-1.65	20.99	0.126	100	Pass
		16-QAM	RB1#0	22.63	0.5	-1.65	20.98	0.125	100	Pass
			RB1#3	22.67	0.5	-1.65	21.02	0.126	100	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (814-824MHz)										
			RB1#5	22.64	0.5	-1.65	20.99	0.126	100	Pass
			RB3#0	22.77	0.5	-1.65	21.12	0.129	100	Pass
			RB3#2	22.81	0.5	-1.65	21.16	0.131	100	Pass
			RB3#3	22.76	0.5	-1.65	21.11	0.129	100	Pass
			RB6#0	21.8	0.5	-1.65	20.15	0.104	100	Pass
3 MHz	LCH	QPSK	RB1#0	23.17	0.5	-1.65	21.52	0.142	100	Pass
			RB1#7	22.83	0.5	-1.65	21.18	0.131	100	Pass
			RB1#14	22.85	0.5	-1.65	21.20	0.132	100	Pass
			RB8#0	22.83	0.5	-1.65	21.18	0.131	100	Pass
			RB8#4	22.85	0.5	-1.65	21.20	0.132	100	Pass
			RB8#7	22.79	0.5	-1.65	21.14	0.130	100	Pass
			RB15#0	22.82	0.5	-1.65	21.17	0.131	100	Pass
		16-QAM	RB1#0	21.94	0.5	-1.65	20.29	0.107	100	Pass
			RB1#7	21.68	0.5	-1.65	20.03	0.101	100	Pass
			RB1#14	21.71	0.5	-1.65	20.06	0.101	100	Pass
			RB8#0	21.91	0.5	-1.65	20.26	0.106	100	Pass
			RB8#4	21.9	0.5	-1.65	20.25	0.106	100	Pass
			RB8#7	21.86	0.5	-1.65	20.21	0.105	100	Pass
			RB15#0	21.84	0.5	-1.65	20.19	0.104	100	Pass
	MCH	QPSK	RB1#0	22.97	0.5	-1.65	21.32	0.136	100	Pass
			RB1#7	22.97	0.5	-1.65	21.32	0.136	100	Pass
			RB1#14	23.21	0.5	-1.65	21.56	0.143	100	Pass
			RB8#0	22.79	0.5	-1.65	21.14	0.130	100	Pass
			RB8#4	22.76	0.5	-1.65	21.11	0.129	100	Pass
			RB8#7	22.85	0.5	-1.65	21.20	0.132	100	Pass
			RB15#0	22.83	0.5	-1.65	21.18	0.131	100	Pass
		16-QAM	RB1#0	22.23	0.5	-1.65	20.58	0.114	100	Pass
			RB1#7	22.27	0.5	-1.65	20.62	0.115	100	Pass
			RB1#14	22.52	0.5	-1.65	20.87	0.122	100	Pass
			RB8#0	21.84	0.5	-1.65	20.19	0.104	100	Pass
			RB8#4	21.9	0.5	-1.65	20.25	0.106	100	Pass
			RB8#7	21.93	0.5	-1.65	20.28	0.107	100	Pass
			RB15#0	21.88	0.5	-1.65	20.23	0.105	100	Pass
	HCH	QPSK	RB1#0	23.45	0.5	-1.65	21.80	0.151	100	Pass
			RB1#7	23.41	0.5	-1.65	21.76	0.150	100	Pass
			RB1#14	23.54	0.5	-1.65	21.89	0.155	100	Pass
			RB8#0	22.74	0.5	-1.65	21.09	0.129	100	Pass
			RB8#4	22.78	0.5	-1.65	21.13	0.130	100	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (814-824MHz)										
			RB8#7	22.72	0.5	-1.65	21.07	0.128	100	Pass
			RB15#0	22.76	0.5	-1.65	21.11	0.129	100	Pass
		16-QAM	RB1#0	22.48	0.5	-1.65	20.83	0.121	100	Pass
			RB1#7	22.43	0.5	-1.65	20.78	0.120	100	Pass
			RB1#14	22.56	0.5	-1.65	20.91	0.123	100	Pass
			RB8#0	21.77	0.5	-1.65	20.12	0.103	100	Pass
			RB8#4	21.82	0.5	-1.65	20.17	0.104	100	Pass
			RB8#7	21.76	0.5	-1.65	20.11	0.103	100	Pass
			RB15#0	21.72	0.5	-1.65	20.07	0.102	100	Pass
5 MHz	LCH	QPSK	RB1#0	23.19	0.5	-1.65	21.54	0.143	100	Pass
			RB1#13	22.79	0.5	-1.65	21.14	0.130	100	Pass
			RB1#24	23.04	0.5	-1.65	21.39	0.138	100	Pass
			RB12#0	22.84	0.5	-1.65	21.19	0.132	100	Pass
			RB12#6	22.73	0.5	-1.65	21.08	0.128	100	Pass
			RB12#13	22.79	0.5	-1.65	21.14	0.130	100	Pass
			RB25#0	22.78	0.5	-1.65	21.13	0.130	100	Pass
		16-QAM	RB1#0	22.23	0.5	-1.65	20.58	0.114	100	Pass
			RB1#13	21.87	0.5	-1.65	20.22	0.105	100	Pass
			RB1#24	22.17	0.5	-1.65	20.52	0.113	100	Pass
			RB12#0	21.9	0.5	-1.65	20.25	0.106	100	Pass
			RB12#6	21.78	0.5	-1.65	20.13	0.103	100	Pass
			RB12#13	21.85	0.5	-1.65	20.20	0.105	100	Pass
			RB25#0	21.8	0.5	-1.65	20.15	0.104	100	Pass
	MCH	QPSK	RB1#0	22.97	0.5	-1.65	21.32	0.136	100	Pass
			RB1#13	22.96	0.5	-1.65	21.31	0.135	100	Pass
			RB1#24	23.35	0.5	-1.65	21.70	0.148	100	Pass
			RB12#0	22.8	0.5	-1.65	21.15	0.130	100	Pass
			RB12#6	22.87	0.5	-1.65	21.22	0.132	100	Pass
			RB12#13	22.83	0.5	-1.65	21.18	0.131	100	Pass
			RB25#0	22.86	0.5	-1.65	21.21	0.132	100	Pass
		16-QAM	RB1#0	22.32	0.5	-1.65	20.67	0.117	100	Pass
			RB1#13	22.36	0.5	-1.65	20.71	0.118	100	Pass
			RB1#24	22.77	0.5	-1.65	21.12	0.129	100	Pass
			RB12#0	21.92	0.5	-1.65	20.27	0.106	100	Pass
			RB12#6	22.01	0.5	-1.65	20.36	0.109	100	Pass
			RB12#13	21.99	0.5	-1.65	20.34	0.108	100	Pass
			RB25#0	21.98	0.5	-1.65	20.33	0.108	100	Pass
	HCH	QPSK	RB1#0	23.22	0.5	-1.65	21.57	0.144	100	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
LTE BAND26 (814-824MHz)										
			RB1#13	23.28	0.5	-1.65	21.63	0.146	100	Pass
			RB1#24	23.54	0.5	-1.65	21.89	0.155	100	Pass
			RB12#0	22.7	0.5	-1.65	21.05	0.127	100	Pass
			RB12#6	22.79	0.5	-1.65	21.14	0.130	100	Pass
			RB12#13	22.71	0.5	-1.65	21.06	0.128	100	Pass
			RB25#0	22.74	0.5	-1.65	21.09	0.129	100	Pass
		16-QAM	RB1#0	22.33	0.5	-1.65	20.68	0.117	100	Pass
			RB1#13	22.41	0.5	-1.65	20.76	0.119	100	Pass
			RB1#24	22.68	0.5	-1.65	21.03	0.127	100	Pass
			RB12#0	21.86	0.5	-1.65	20.21	0.105	100	Pass
			RB12#6	21.84	0.5	-1.65	20.19	0.104	100	Pass
			RB12#13	21.79	0.5	-1.65	20.14	0.103	100	Pass
			RB25#0	21.7	0.5	-1.65	20.05	0.101	100	Pass
10 MHz	MCH	QPSK	RB1#0	22.65	0.5	-1.65	21.00	0.126	100	Pass
			RB1#25	22.8	0.5	-1.65	21.15	0.130	100	Pass
			RB1#49	23.02	0.5	-1.65	21.37	0.137	100	Pass
			RB25#0	22.66	0.5	-1.65	21.01	0.126	100	Pass
			RB25#13	22.86	0.5	-1.65	21.21	0.132	100	Pass
			RB25#25	22.79	0.5	-1.65	21.14	0.130	100	Pass
			RB50#0	22.81	0.5	-1.65	21.16	0.131	100	Pass
		16-QAM	RB1#0	21.53	0.5	-1.65	19.88	0.097	100	Pass
			RB1#25	21.72	0.5	-1.65	20.07	0.102	100	Pass
			RB1#49	21.94	0.5	-1.65	20.29	0.107	100	Pass
			RB25#0	21.68	0.5	-1.65	20.03	0.101	100	Pass
			RB25#13	21.89	0.5	-1.65	20.24	0.106	100	Pass
			RB25#25	21.82	0.5	-1.65	20.17	0.104	100	Pass
			RB50#0	21.84	0.5	-1.65	20.19	0.104	100	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND30									
5 MHz	LCH	QPSK	RB1#0	22.3	1	23.30	0.214	0.250	Pass
			RB1#13	22.3	1	23.30	0.214	0.250	Pass
			RB1#24	22.21	1	23.21	0.209	0.250	Pass
			RB12#0	21.28	1	22.28	0.169	0.250	Pass
			RB12#6	21.2	1	22.20	0.166	0.250	Pass
			RB12#13	21.2	1	22.20	0.166	0.250	Pass
			RB25#0	21.21	1	22.21	0.166	0.250	Pass
		16-QAM	RB1#0	21.43	1	22.43	0.175	0.250	Pass
			RB1#13	21.41	1	22.41	0.174	0.250	Pass
			RB1#24	21.48	1	22.48	0.177	0.250	Pass
			RB12#0	20.46	1	21.46	0.140	0.250	Pass
			RB12#6	20.45	1	21.45	0.140	0.250	Pass
			RB12#13	20.44	1	21.44	0.139	0.250	Pass
			RB25#0	20.39	1	21.39	0.138	0.250	Pass
	MCH	QPSK	RB1#0	22.26	1	23.26	0.212	0.250	Pass
			RB1#13	22.33	1	23.33	0.215	0.250	Pass
			RB1#24	22.3	1	23.30	0.214	0.250	Pass
			RB12#0	21.25	1	22.25	0.168	0.250	Pass
			RB12#6	21.25	1	22.25	0.168	0.250	Pass
			RB12#13	21.27	1	22.27	0.169	0.250	Pass
			RB25#0	21.25	1	22.25	0.168	0.250	Pass
		16-QAM	RB1#0	21.72	1	22.72	0.187	0.250	Pass
			RB1#13	21.79	1	22.79	0.190	0.250	Pass
			RB1#24	21.75	1	22.75	0.188	0.250	Pass
			RB12#0	20.39	1	21.39	0.138	0.250	Pass
			RB12#6	20.4	1	21.40	0.138	0.250	Pass
			RB12#13	20.4	1	21.40	0.138	0.250	Pass
			RB25#0	20.41	1	21.41	0.138	0.250	Pass
	HCH	QPSK	RB1#0	22.36	1	23.36	0.217	0.250	Pass
			RB1#13	22.47	1	23.47	0.222	0.250	Pass
			RB1#24	22.44	1	23.44	0.221	0.250	Pass
			RB12#0	21.38	1	22.38	0.173	0.250	Pass
			RB12#6	21.41	1	22.41	0.174	0.250	Pass
			RB12#13	21.4	1	22.40	0.174	0.250	Pass
			RB25#0	21.41	1	22.41	0.174	0.250	Pass
		16-QAM	RB1#0	21.42	1	22.42	0.175	0.250	Pass
			RB1#13	21.5	1	22.50	0.178	0.250	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 BAND30									
			RB1#24	21.5	1	22.50	0.178	0.250	Pass
			RB12#0	20.42	1	21.42	0.139	0.250	Pass
			RB12#6	20.41	1	21.41	0.138	0.250	Pass
			RB12#13	20.43	1	21.43	0.139	0.250	Pass
			RB25#0	20.36	1	21.36	0.137	0.250	Pass
10 MHz	MCH	QPSK	RB1#0	22.41	1	23.41	0.219	0.250	Pass
			RB1#25	22.34	1	23.34	0.216	0.250	Pass
			RB1#49	22.43	1	23.43	0.220	0.250	Pass
			RB25#0	21.34	1	22.34	0.171	0.250	Pass
			RB25#13	21.42	1	22.42	0.175	0.250	Pass
			RB25#25	21.44	1	22.44	0.175	0.250	Pass
			RB50#0	21.36	1	22.36	0.172	0.250	Pass
		16-QAM	RB1#0	21.32	1	22.32	0.171	0.250	Pass
			RB1#25	21.23	1	22.23	0.167	0.250	Pass
			RB1#49	21.26	1	22.26	0.168	0.250	Pass
			RB25#0	20.38	1	21.38	0.137	0.250	Pass
			RB25#13	20.43	1	21.43	0.139	0.250	Pass
			RB25#25	20.4	1	21.40	0.138	0.250	Pass
			RB50#0	20.41	1	21.41	0.138	0.250	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
1.4 MHz	LCH	QPSK	RB1#0	22.83	1.5	24.33	0.271	1.00	Pass
			RB1#3	22.91	1.5	24.41	0.276	1.00	Pass
			RB1#5	22.83	1.5	24.33	0.271	1.00	Pass
			RB3#0	22.88	1.5	24.38	0.274	1.00	Pass
			RB3#2	22.91	1.5	24.41	0.276	1.00	Pass
			RB3#3	22.9	1.5	24.40	0.275	1.00	Pass
			RB6#0	21.84	1.5	23.34	0.216	1.00	Pass
		16-QAM	RB1#0	21.94	1.5	23.44	0.221	1.00	Pass
			RB1#3	22.06	1.5	23.56	0.227	1.00	Pass
			RB1#5	22.01	1.5	23.51	0.224	1.00	Pass
			RB3#0	21.93	1.5	23.43	0.220	1.00	Pass
			RB3#2	22.03	1.5	23.53	0.225	1.00	Pass
			RB3#3	21.97	1.5	23.47	0.222	1.00	Pass
			RB6#0	21.02	1.5	22.52	0.179	1.00	Pass
	MCH	QPSK	RB1#0	22.76	1.5	24.26	0.267	1.00	Pass
			RB1#3	22.8	1.5	24.30	0.269	1.00	Pass
			RB1#5	22.77	1.5	24.27	0.267	1.00	Pass
			RB3#0	22.96	1.5	24.46	0.279	1.00	Pass
			RB3#2	23	1.5	24.50	0.282	1.00	Pass
			RB3#3	22.92	1.5	24.42	0.277	1.00	Pass
			RB6#0	21.84	1.5	23.34	0.216	1.00	Pass
		16-QAM	RB1#0	22.27	1.5	23.77	0.238	1.00	Pass
			RB1#3	22.34	1.5	23.84	0.242	1.00	Pass
			RB1#5	22.25	1.5	23.75	0.237	1.00	Pass
			RB3#0	22.12	1.5	23.62	0.230	1.00	Pass
			RB3#2	22.17	1.5	23.67	0.233	1.00	Pass
			RB3#3	22.1	1.5	23.60	0.229	1.00	Pass
			RB6#0	20.79	1.5	22.29	0.169	1.00	Pass
	HCH	QPSK	RB1#0	22.94	1.5	24.44	0.278	1.00	Pass
			RB1#3	23.01	1.5	24.51	0.282	1.00	Pass
			RB1#5	22.95	1.5	24.45	0.279	1.00	Pass
			RB3#0	23.05	1.5	24.55	0.285	1.00	Pass
			RB3#2	23.1	1.5	24.60	0.288	1.00	Pass
			RB3#3	23.05	1.5	24.55	0.285	1.00	Pass
			RB6#0	21.95	1.5	23.45	0.221	1.00	Pass
		16-QAM	RB1#0	22.02	1.5	23.52	0.225	1.00	Pass
			RB1#3	22.09	1.5	23.59	0.229	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
			RB1#5	21.99	1.5	23.49	0.223	1.00	Pass
			RB3#0	22.16	1.5	23.66	0.232	1.00	Pass
			RB3#2	22.24	1.5	23.74	0.237	1.00	Pass
			RB3#3	22.2	1.5	23.70	0.234	1.00	Pass
			RB6#0	21.14	1.5	22.64	0.184	1.00	Pass
3 MHz	LCH	QPSK	RB1#0	23.02	1.5	24.52	0.283	1.00	Pass
			RB1#7	22.99	1.5	24.49	0.281	1.00	Pass
			RB1#14	23.01	1.5	24.51	0.282	1.00	Pass
			RB8#0	22.11	1.5	23.61	0.230	1.00	Pass
			RB8#4	22.13	1.5	23.63	0.231	1.00	Pass
			RB8#7	22.09	1.5	23.59	0.229	1.00	Pass
			RB15#0	22.05	1.5	23.55	0.226	1.00	Pass
		16-QAM	RB1#0	21.96	1.5	23.46	0.222	1.00	Pass
			RB1#7	21.97	1.5	23.47	0.222	1.00	Pass
			RB1#14	21.96	1.5	23.46	0.222	1.00	Pass
			RB8#0	21.16	1.5	22.66	0.185	1.00	Pass
			RB8#4	21.21	1.5	22.71	0.187	1.00	Pass
			RB8#7	21.18	1.5	22.68	0.185	1.00	Pass
			RB15#0	21.13	1.5	22.63	0.183	1.00	Pass
	MCH	QPSK	RB1#0	22.92	1.5	24.42	0.277	1.00	Pass
			RB1#7	22.94	1.5	24.44	0.278	1.00	Pass
			RB1#14	22.93	1.5	24.43	0.277	1.00	Pass
			RB8#0	21.92	1.5	23.42	0.220	1.00	Pass
			RB8#4	21.94	1.5	23.44	0.221	1.00	Pass
			RB8#7	21.93	1.5	23.43	0.220	1.00	Pass
			RB15#0	21.9	1.5	23.40	0.219	1.00	Pass
		16-QAM	RB1#0	22.32	1.5	23.82	0.241	1.00	Pass
			RB1#7	22.31	1.5	23.81	0.240	1.00	Pass
			RB1#14	22.31	1.5	23.81	0.240	1.00	Pass
			RB8#0	21.05	1.5	22.55	0.180	1.00	Pass
			RB8#4	21.06	1.5	22.56	0.180	1.00	Pass
			RB8#7	21.03	1.5	22.53	0.179	1.00	Pass
			RB15#0	20.98	1.5	22.48	0.177	1.00	Pass
	HCH	QPSK	RB1#0	22.98	1.5	24.48	0.281	1.00	Pass
			RB1#7	23.04	1.5	24.54	0.284	1.00	Pass
			RB1#14	23.01	1.5	24.51	0.282	1.00	Pass
			RB8#0	22.03	1.5	23.53	0.225	1.00	Pass
			RB8#4	22.06	1.5	23.56	0.227	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
			RB8#7	22.03	1.5	23.53	0.225	1.00	Pass
			RB15#0	22.04	1.5	23.54	0.226	1.00	Pass
		16-QAM	RB1#0	22.09	1.5	23.59	0.229	1.00	Pass
			RB1#7	22.09	1.5	23.59	0.229	1.00	Pass
			RB1#14	22.07	1.5	23.57	0.228	1.00	Pass
			RB8#0	21.08	1.5	22.58	0.181	1.00	Pass
			RB8#4	21.12	1.5	22.62	0.183	1.00	Pass
			RB8#7	21.07	1.5	22.57	0.181	1.00	Pass
			RB15#0	20.99	1.5	22.49	0.177	1.00	Pass
5 MHz	LCH	QPSK	RB1#0	23.01	1.5	24.51	0.282	1.00	Pass
			RB1#13	23.14	1.5	24.64	0.291	1.00	Pass
			RB1#24	23.02	1.5	24.52	0.283	1.00	Pass
			RB12#0	22.05	1.5	23.55	0.226	1.00	Pass
			RB12#6	22.06	1.5	23.56	0.227	1.00	Pass
			RB12#13	22.05	1.5	23.55	0.226	1.00	Pass
			RB25#0	22.08	1.5	23.58	0.228	1.00	Pass
		16-QAM	RB1#0	22.24	1.5	23.74	0.237	1.00	Pass
			RB1#13	22.29	1.5	23.79	0.239	1.00	Pass
			RB1#24	22.21	1.5	23.71	0.235	1.00	Pass
			RB12#0	21.16	1.5	22.66	0.185	1.00	Pass
			RB12#6	21.17	1.5	22.67	0.185	1.00	Pass
			RB12#13	21.14	1.5	22.64	0.184	1.00	Pass
			RB25#0	21.12	1.5	22.62	0.183	1.00	Pass
	MCH	QPSK	RB1#0	22.9	1.5	24.40	0.275	1.00	Pass
			RB1#13	23.02	1.5	24.52	0.283	1.00	Pass
			RB1#24	22.97	1.5	24.47	0.280	1.00	Pass
			RB12#0	21.91	1.5	23.41	0.219	1.00	Pass
			RB12#6	21.96	1.5	23.46	0.222	1.00	Pass
			RB12#13	21.95	1.5	23.45	0.221	1.00	Pass
			RB25#0	21.97	1.5	23.47	0.222	1.00	Pass
		16-QAM	RB1#0	22.43	1.5	23.93	0.247	1.00	Pass
			RB1#13	22.53	1.5	24.03	0.253	1.00	Pass
			RB1#24	22.44	1.5	23.94	0.248	1.00	Pass
			RB12#0	21.11	1.5	22.61	0.182	1.00	Pass
			RB12#6	21.14	1.5	22.64	0.184	1.00	Pass
			RB12#13	21.09	1.5	22.59	0.182	1.00	Pass
			RB25#0	21.03	1.5	22.53	0.179	1.00	Pass
	HCH	QPSK	RB1#0	23.01	1.5	24.51	0.282	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
			RB1#13	23.07	1.5	24.57	0.286	1.00	Pass
			RB1#24	23	1.5	24.50	0.282	1.00	Pass
			RB12#0	22.03	1.5	23.53	0.225	1.00	Pass
			RB12#6	22.06	1.5	23.56	0.227	1.00	Pass
			RB12#13	22.06	1.5	23.56	0.227	1.00	Pass
			RB25#0	22.08	1.5	23.58	0.228	1.00	Pass
		16-QAM	RB1#0	22.18	1.5	23.68	0.233	1.00	Pass
			RB1#13	22.27	1.5	23.77	0.238	1.00	Pass
			RB1#24	22.22	1.5	23.72	0.236	1.00	Pass
			RB12#0	21.08	1.5	22.58	0.181	1.00	Pass
			RB12#6	21.16	1.5	22.66	0.185	1.00	Pass
			RB12#13	21.13	1.5	22.63	0.183	1.00	Pass
			RB25#0	21.03	1.5	22.53	0.179	1.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.01	1.5	24.51	0.282	1.00	Pass
			RB1#25	23	1.5	24.50	0.282	1.00	Pass
			RB1#49	23.02	1.5	24.52	0.283	1.00	Pass
			RB25#0	22.06	1.5	23.56	0.227	1.00	Pass
			RB25#13	22.13	1.5	23.63	0.231	1.00	Pass
			RB25#25	22.11	1.5	23.61	0.230	1.00	Pass
			RB50#0	22.14	1.5	23.64	0.231	1.00	Pass
		16-QAM	RB1#0	22.02	1.5	23.52	0.225	1.00	Pass
			RB1#25	22.02	1.5	23.52	0.225	1.00	Pass
			RB1#49	21.99	1.5	23.49	0.223	1.00	Pass
			RB25#0	21.13	1.5	22.63	0.183	1.00	Pass
			RB25#13	21.18	1.5	22.68	0.185	1.00	Pass
			RB25#25	21.13	1.5	22.63	0.183	1.00	Pass
			RB50#0	21.14	1.5	22.64	0.184	1.00	Pass
	MCH	QPSK	RB1#0	22.92	1.5	24.42	0.277	1.00	Pass
			RB1#25	22.94	1.5	24.44	0.278	1.00	Pass
			RB1#49	22.94	1.5	24.44	0.278	1.00	Pass
			RB25#0	21.96	1.5	23.46	0.222	1.00	Pass
			RB25#13	22.01	1.5	23.51	0.224	1.00	Pass
			RB25#25	21.98	1.5	23.48	0.223	1.00	Pass
			RB50#0	21.97	1.5	23.47	0.222	1.00	Pass
		16-QAM	RB1#0	22.29	1.5	23.79	0.239	1.00	Pass
			RB1#25	22.34	1.5	23.84	0.242	1.00	Pass
			RB1#49	22.35	1.5	23.85	0.243	1.00	Pass
			RB25#0	20.99	1.5	22.49	0.177	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
			RB25#13	21.01	1.5	22.51	0.178	1.00	Pass
			RB25#25	21.03	1.5	22.53	0.179	1.00	Pass
			RB50#0	20.99	1.5	22.49	0.177	1.00	Pass
	HCH	QPSK	RB1#0	22.98	1.5	24.48	0.281	1.00	Pass
			RB1#25	23.02	1.5	24.52	0.283	1.00	Pass
			RB1#49	23.01	1.5	24.51	0.282	1.00	Pass
			RB25#0	22.04	1.5	23.54	0.226	1.00	Pass
			RB25#13	22.04	1.5	23.54	0.226	1.00	Pass
			RB25#25	22.07	1.5	23.57	0.228	1.00	Pass
			RB50#0	22.03	1.5	23.53	0.225	1.00	Pass
		16-QAM	RB1#0	22.02	1.5	23.52	0.225	1.00	Pass
			RB1#25	22.08	1.5	23.58	0.228	1.00	Pass
			RB1#49	22.05	1.5	23.55	0.226	1.00	Pass
			RB25#0	21.11	1.5	22.61	0.182	1.00	Pass
			RB25#13	21.18	1.5	22.68	0.185	1.00	Pass
			RB25#25	21.13	1.5	22.63	0.183	1.00	Pass
			RB50#0	21.06	1.5	22.56	0.180	1.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.98	1.5	24.48	0.281	1.00	Pass
			RB1#38	23	1.5	24.50	0.282	1.00	Pass
			RB1#74	22.92	1.5	24.42	0.277	1.00	Pass
			RB36#0	22.1	1.5	23.60	0.229	1.00	Pass
			RB36#19	22.12	1.5	23.62	0.230	1.00	Pass
			RB36#39	22.05	1.5	23.55	0.226	1.00	Pass
			RB75#0	22.04	1.5	23.54	0.226	1.00	Pass
		16-QAM	RB1#0	21.97	1.5	23.47	0.222	1.00	Pass
			RB1#38	21.99	1.5	23.49	0.223	1.00	Pass
			RB1#74	21.9	1.5	23.40	0.219	1.00	Pass
			RB36#0	21.09	1.5	22.59	0.182	1.00	Pass
			RB36#19	21.14	1.5	22.64	0.184	1.00	Pass
			RB36#39	21.07	1.5	22.57	0.181	1.00	Pass
			RB75#0	21.03	1.5	22.53	0.179	1.00	Pass
	MCH	QPSK	RB1#0	22.96	1.5	24.46	0.279	1.00	Pass
			RB1#38	22.91	1.5	24.41	0.276	1.00	Pass
			RB1#74	22.88	1.5	24.38	0.274	1.00	Pass
			RB36#0	21.93	1.5	23.43	0.220	1.00	Pass
			RB36#19	22	1.5	23.50	0.224	1.00	Pass
			RB36#39	21.95	1.5	23.45	0.221	1.00	Pass
			RB75#0	21.95	1.5	23.45	0.221	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
			RB1#0	22.35	1.5	23.85	0.243	1.00	Pass
			RB1#38	22.3	1.5	23.80	0.240	1.00	Pass
			RB1#74	22.29	1.5	23.79	0.239	1.00	Pass
		16-QAM	RB36#0	20.99	1.5	22.49	0.177	1.00	Pass
			RB36#19	21.01	1.5	22.51	0.178	1.00	Pass
			RB36#39	21.06	1.5	22.56	0.180	1.00	Pass
			RB75#0	21	1.5	22.50	0.178	1.00	Pass
	HCH		RB1#0	22.94	1.5	24.44	0.278	1.00	Pass
			RB1#38	22.97	1.5	24.47	0.280	1.00	Pass
			RB1#74	23	1.5	24.50	0.282	1.00	Pass
		QPSK	RB36#0	22.02	1.5	23.52	0.225	1.00	Pass
			RB36#19	22.05	1.5	23.55	0.226	1.00	Pass
			RB36#39	22.05	1.5	23.55	0.226	1.00	Pass
			RB75#0	22.03	1.5	23.53	0.225	1.00	Pass
			RB1#0	22.43	1.5	23.93	0.247	1.00	Pass
			RB1#38	22.48	1.5	23.98	0.250	1.00	Pass
			RB1#74	22.47	1.5	23.97	0.249	1.00	Pass
		16-QAM	RB36#0	20.95	1.5	22.45	0.176	1.00	Pass
			RB36#19	21	1.5	22.50	0.178	1.00	Pass
			RB36#39	21.03	1.5	22.53	0.179	1.00	Pass
			RB75#0	21.05	1.5	22.55	0.180	1.00	Pass
20 MHz			RB1#0	23.06	1.5	24.56	0.286	1.00	Pass
			RB1#50	23.05	1.5	24.55	0.285	1.00	Pass
			RB1#99	23.03	1.5	24.53	0.284	1.00	Pass
		QPSK	RB50#0	22.1	1.5	23.60	0.229	1.00	Pass
			RB50#25	22.02	1.5	23.52	0.225	1.00	Pass
			RB50#50	22.05	1.5	23.55	0.226	1.00	Pass
			RB100#0	22.02	1.5	23.52	0.225	1.00	Pass
	LCH		RB1#0	22.59	1.5	24.09	0.256	1.00	Pass
			RB1#50	22.58	1.5	24.08	0.256	1.00	Pass
			RB1#99	22.55	1.5	24.05	0.254	1.00	Pass
		16-QAM	RB50#0	21.14	1.5	22.64	0.184	1.00	Pass
			RB50#25	21.14	1.5	22.64	0.184	1.00	Pass
			RB50#50	21.12	1.5	22.62	0.183	1.00	Pass
			RB100#0	21.07	1.5	22.57	0.181	1.00	Pass
	MCH		RB1#0	22.96	1.5	24.46	0.279	1.00	Pass
		QPSK	RB1#50	22.93	1.5	24.43	0.277	1.00	Pass
			RB1#99	22.96	1.5	24.46	0.279	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND66									
			RB50#0	21.89	1.5	23.39	0.218	1.00	Pass
			RB50#25	21.96	1.5	23.46	0.222	1.00	Pass
			RB50#50	21.98	1.5	23.48	0.223	1.00	Pass
			RB100#0	21.96	1.5	23.46	0.222	1.00	Pass
		16-QAM	RB1#0	22.4	1.5	23.90	0.245	1.00	Pass
			RB1#50	22.4	1.5	23.90	0.245	1.00	Pass
			RB1#99	22.43	1.5	23.93	0.247	1.00	Pass
			RB50#0	20.95	1.5	22.45	0.176	1.00	Pass
			RB50#25	21.04	1.5	22.54	0.179	1.00	Pass
			RB50#50	20.97	1.5	22.47	0.177	1.00	Pass
			RB100#0	20.96	1.5	22.46	0.176	1.00	Pass
	HCH	QPSK	RB1#0	22.82	1.5	24.32	0.270	1.00	Pass
			RB1#50	22.92	1.5	24.42	0.277	1.00	Pass
			RB1#99	22.94	1.5	24.44	0.278	1.00	Pass
			RB50#0	21.93	1.5	23.43	0.220	1.00	Pass
			RB50#25	22.01	1.5	23.51	0.224	1.00	Pass
			RB50#50	21.98	1.5	23.48	0.223	1.00	Pass
			RB100#0	21.97	1.5	23.47	0.222	1.00	Pass
		16-QAM	RB1#0	22.24	1.5	23.74	0.237	1.00	Pass
			RB1#50	22.39	1.5	23.89	0.245	1.00	Pass
			RB1#99	22.41	1.5	23.91	0.246	1.00	Pass
			RB50#0	20.95	1.5	22.45	0.176	1.00	Pass
			RB50#25	21.01	1.5	22.51	0.178	1.00	Pass
			RB50#50	21.02	1.5	22.52	0.179	1.00	Pass
			RB100#0	21.01	1.5	22.51	0.178	1.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
5 MHz	LCH	QPSK	RB1#0	23.34	1	24.34	0.272	2.00	Pass
			RB1#13	23.4	1	24.40	0.275	2.00	Pass
			RB1#24	23.31	1	24.31	0.270	2.00	Pass
			RB12#0	22.29	1	23.29	0.213	2.00	Pass
			RB12#6	22.35	1	23.35	0.216	2.00	Pass
			RB12#13	22.34	1	23.34	0.216	2.00	Pass
			RB25#0	22.32	1	23.32	0.215	2.00	Pass
		16-QAM	RB1#0	22.5	1	23.50	0.224	2.00	Pass
			RB1#13	22.55	1	23.55	0.226	2.00	Pass
			RB1#24	22.49	1	23.49	0.223	2.00	Pass
			RB12#0	21.34	1	22.34	0.171	2.00	Pass
			RB12#6	21.4	1	22.40	0.174	2.00	Pass
			RB12#13	21.41	1	22.41	0.174	2.00	Pass
			RB25#0	21.31	1	22.31	0.170	2.00	Pass
	MCH	QPSK	RB1#0	23.3	1	24.30	0.269	2.00	Pass
			RB1#13	23.34	1	24.34	0.272	2.00	Pass
			RB1#24	23.3	1	24.30	0.269	2.00	Pass
			RB12#0	22.24	1	23.24	0.211	2.00	Pass
			RB12#6	22.24	1	23.24	0.211	2.00	Pass
			RB12#13	22.3	1	23.30	0.214	2.00	Pass
			RB25#0	22.26	1	23.26	0.212	2.00	Pass
		16-QAM	RB1#0	22.51	1	23.51	0.224	2.00	Pass
			RB1#13	22.56	1	23.56	0.227	2.00	Pass
			RB1#24	22.51	1	23.51	0.224	2.00	Pass
			RB12#0	21.23	1	22.23	0.167	2.00	Pass
			RB12#6	21.28	1	22.28	0.169	2.00	Pass
			RB12#13	21.25	1	22.25	0.168	2.00	Pass
			RB25#0	21.25	1	22.25	0.168	2.00	Pass
	HCH	QPSK	RB1#0	23.39	1	24.39	0.275	2.00	Pass
			RB1#13	23.47	1	24.47	0.280	2.00	Pass
			RB1#24	23.43	1	24.43	0.277	2.00	Pass
			RB12#0	22.37	1	23.37	0.217	2.00	Pass
			RB12#6	22.44	1	23.44	0.221	2.00	Pass
			RB12#13	22.42	1	23.42	0.220	2.00	Pass
			RB25#0	22.38	1	23.38	0.218	2.00	Pass
		16-QAM	RB1#0	22.72	1	23.72	0.236	2.00	Pass
			RB1#13	22.81	1	23.81	0.240	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
			RB1#24	22.77	1	23.77	0.238	2.00	Pass
			RB12#0	21.45	1	22.45	0.176	2.00	Pass
			RB12#6	21.51	1	22.51	0.178	2.00	Pass
			RB12#13	21.52	1	22.52	0.179	2.00	Pass
			RB25#0	21.39	1	22.39	0.173	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	23.3	1	24.30	0.269	2.00	Pass
			RB1#25	23.27	1	24.27	0.267	2.00	Pass
			RB1#49	23.34	1	24.34	0.272	2.00	Pass
			RB25#0	22.29	1	23.29	0.213	2.00	Pass
			RB25#13	22.38	1	23.38	0.218	2.00	Pass
			RB25#25	22.35	1	23.35	0.216	2.00	Pass
			RB50#0	22.33	1	23.33	0.215	2.00	Pass
		16-QAM	RB1#0	22.51	1	23.51	0.224	2.00	Pass
			RB1#25	22.49	1	23.49	0.223	2.00	Pass
			RB1#49	22.58	1	23.58	0.228	2.00	Pass
			RB25#0	21.34	1	22.34	0.171	2.00	Pass
			RB25#13	21.39	1	22.39	0.173	2.00	Pass
			RB25#25	21.35	1	22.35	0.172	2.00	Pass
			RB50#0	21.34	1	22.34	0.171	2.00	Pass
	MCH	QPSK	RB1#0	23.25	1	24.25	0.266	2.00	Pass
			RB1#25	23.26	1	24.26	0.267	2.00	Pass
			RB1#49	23.29	1	24.29	0.269	2.00	Pass
			RB25#0	22.27	1	23.27	0.212	2.00	Pass
			RB25#13	22.27	1	23.27	0.212	2.00	Pass
			RB25#25	22.27	1	23.27	0.212	2.00	Pass
			RB50#0	22.3	1	23.30	0.214	2.00	Pass
		16-QAM	RB1#0	22.62	1	23.62	0.230	2.00	Pass
			RB1#25	22.65	1	23.65	0.232	2.00	Pass
			RB1#49	22.65	1	23.65	0.232	2.00	Pass
			RB25#0	21.28	1	22.28	0.169	2.00	Pass
			RB25#13	21.3	1	22.30	0.170	2.00	Pass
			RB25#25	21.31	1	22.31	0.170	2.00	Pass
			RB50#0	21.28	1	22.28	0.169	2.00	Pass
	HCH	QPSK	RB1#0	23.42	1	24.42	0.277	2.00	Pass
			RB1#25	23.39	1	24.39	0.275	2.00	Pass
			RB1#49	23.45	1	24.45	0.279	2.00	Pass
			RB25#0	22.41	1	23.41	0.219	2.00	Pass
			RB25#13	22.39	1	23.39	0.218	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
			RB25#25	22.45	1	23.45	0.221	2.00	Pass
			RB50#0	22.42	1	23.42	0.220	2.00	Pass
		16-QAM	RB1#0	22.74	1	23.74	0.237	2.00	Pass
			RB1#25	22.75	1	23.75	0.237	2.00	Pass
			RB1#49	22.75	1	23.75	0.237	2.00	Pass
			RB25#0	21.43	1	22.43	0.175	2.00	Pass
			RB25#13	21.46	1	22.46	0.176	2.00	Pass
			RB25#25	21.49	1	22.49	0.177	2.00	Pass
			RB50#0	21.48	1	22.48	0.177	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	23.37	1	24.37	0.274	2.00	Pass
			RB1#38	23.39	1	24.39	0.275	2.00	Pass
			RB1#74	23.31	1	24.31	0.270	2.00	Pass
			RB36#0	22.41	1	23.41	0.219	2.00	Pass
			RB36#19	22.41	1	23.41	0.219	2.00	Pass
			RB36#39	22.3	1	23.30	0.214	2.00	Pass
			RB75#0	22.29	1	23.29	0.213	2.00	Pass
		16-QAM	RB1#0	22.66	1	23.66	0.232	2.00	Pass
			RB1#38	22.6	1	23.60	0.229	2.00	Pass
			RB1#74	22.58	1	23.58	0.228	2.00	Pass
			RB36#0	21.4	1	22.40	0.174	2.00	Pass
			RB36#19	21.42	1	22.42	0.175	2.00	Pass
			RB36#39	21.29	1	22.29	0.169	2.00	Pass
			RB75#0	21.27	1	22.27	0.169	2.00	Pass
	MCH	QPSK	RB1#0	23.29	1	24.29	0.269	2.00	Pass
			RB1#38	23.24	1	24.24	0.265	2.00	Pass
			RB1#74	23.3	1	24.30	0.269	2.00	Pass
			RB36#0	22.33	1	23.33	0.215	2.00	Pass
			RB36#19	22.38	1	23.38	0.218	2.00	Pass
			RB36#39	22.33	1	23.33	0.215	2.00	Pass
			RB75#0	22.36	1	23.36	0.217	2.00	Pass
		16-QAM	RB1#0	22.5	1	23.50	0.224	2.00	Pass
			RB1#38	22.49	1	23.49	0.223	2.00	Pass
			RB1#74	22.55	1	23.55	0.226	2.00	Pass
			RB36#0	21.28	1	22.28	0.169	2.00	Pass
			RB36#19	21.31	1	22.31	0.170	2.00	Pass
			RB36#39	21.29	1	22.29	0.169	2.00	Pass
			RB75#0	21.31	1	22.31	0.170	2.00	Pass
	HCH	QPSK	RB1#0	23.44	1	24.44	0.278	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
			RB1#38	23.4	1	24.40	0.275	2.00	Pass
			RB1#74	23.49	1	24.49	0.281	2.00	Pass
			RB36#0	22.45	1	23.45	0.221	2.00	Pass
			RB36#19	22.48	1	23.48	0.223	2.00	Pass
			RB36#39	22.47	1	23.47	0.222	2.00	Pass
			RB75#0	22.48	1	23.48	0.223	2.00	Pass
		16-QAM	RB1#0	22.82	1	23.82	0.241	2.00	Pass
			RB1#38	22.77	1	23.77	0.238	2.00	Pass
			RB1#74	22.83	1	23.83	0.242	2.00	Pass
			RB36#0	21.42	1	22.42	0.175	2.00	Pass
			RB36#19	21.43	1	22.43	0.175	2.00	Pass
			RB36#39	21.44	1	22.44	0.175	2.00	Pass
			RB75#0	21.49	1	22.49	0.177	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	23.38	1	24.38	0.274	2.00	Pass
			RB1#50	23.41	1	24.41	0.276	2.00	Pass
			RB1#99	23.36	1	24.36	0.273	2.00	Pass
			RB50#0	22.39	1	23.39	0.218	2.00	Pass
			RB50#25	22.32	1	23.32	0.215	2.00	Pass
			RB50#50	22.29	1	23.29	0.213	2.00	Pass
			RB100#0	22.29	1	23.29	0.213	2.00	Pass
		16-QAM	RB1#0	22.72	1	23.72	0.236	2.00	Pass
			RB1#50	22.69	1	23.69	0.234	2.00	Pass
			RB1#99	22.69	1	23.69	0.234	2.00	Pass
			RB50#0	21.43	1	22.43	0.175	2.00	Pass
			RB50#25	21.33	1	22.33	0.171	2.00	Pass
			RB50#50	21.31	1	22.31	0.170	2.00	Pass
			RB100#0	21.27	1	22.27	0.169	2.00	Pass
	MCH	QPSK	RB1#0	23.29	1	24.29	0.269	2.00	Pass
			RB1#50	23.29	1	24.29	0.269	2.00	Pass
			RB1#99	23.33	1	24.33	0.271	2.00	Pass
			RB50#0	22.28	1	23.28	0.213	2.00	Pass
			RB50#25	22.35	1	23.35	0.216	2.00	Pass
			RB50#50	22.33	1	23.33	0.215	2.00	Pass
			RB100#0	22.3	1	23.30	0.214	2.00	Pass
		16-QAM	RB1#0	22.53	1	23.53	0.225	2.00	Pass
			RB1#50	22.55	1	23.55	0.226	2.00	Pass
			RB1#99	22.56	1	23.56	0.227	2.00	Pass
			RB50#0	21.26	1	22.26	0.168	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND38									
			RB50#25	21.29	1	22.29	0.169	2.00	Pass
			RB50#50	21.3	1	22.30	0.170	2.00	Pass
			RB100#0	21.31	1	22.31	0.170	2.00	Pass
	HCH	QPSK	RB1#0	23.37	1	24.37	0.274	2.00	Pass
			RB1#50	23.36	1	24.36	0.273	2.00	Pass
			RB1#99	23.38	1	24.38	0.274	2.00	Pass
			RB50#0	22.43	1	23.43	0.220	2.00	Pass
			RB50#25	22.44	1	23.44	0.221	2.00	Pass
			RB50#50	22.44	1	23.44	0.221	2.00	Pass
			RB100#0	22.44	1	23.44	0.221	2.00	Pass
		16-QAM	RB1#0	22.54	1	23.54	0.226	2.00	Pass
			RB1#50	22.49	1	23.49	0.223	2.00	Pass
			RB1#99	22.57	1	23.57	0.228	2.00	Pass
			RB50#0	21.43	1	22.43	0.175	2.00	Pass
			RB50#25	21.49	1	22.49	0.177	2.00	Pass
			RB50#50	21.48	1	22.48	0.177	2.00	Pass
			RB100#0	21.45	1	22.45	0.176	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND40(2305-2315MHz)									
5 MHz	LCH	QPSK	RB1#0	19.05	1	20.05	0.101	0.250	Pass
			RB1#13	19.18	1	20.18	0.104	0.250	Pass
			RB1#24	19.08	1	20.08	0.102	0.250	Pass
			RB12#0	18.08	1	19.08	0.081	0.250	Pass
			RB12#6	17.96	1	18.96	0.079	0.250	Pass
			RB12#13	18.01	1	19.01	0.080	0.250	Pass
			RB25#0	18	1	19.00	0.079	0.250	Pass
		16-QAM	RB1#0	18.33	1	19.33	0.086	0.250	Pass
			RB1#13	18.48	1	19.48	0.089	0.250	Pass
			RB1#24	18.34	1	19.34	0.086	0.250	Pass
			RB12#0	17.12	1	18.12	0.065	0.250	Pass
			RB12#6	17.02	1	18.02	0.063	0.250	Pass
			RB12#13	17.1	1	18.10	0.065	0.250	Pass
			RB25#0	17.11	1	18.11	0.065	0.250	Pass
	MCH	QPSK	RB1#0	19.15	1	20.15	0.104	0.250	Pass
			RB1#13	19.17	1	20.17	0.104	0.250	Pass
			RB1#24	19.15	1	20.15	0.104	0.250	Pass
			RB12#0	18.04	1	19.04	0.080	0.250	Pass
			RB12#6	18.12	1	19.12	0.082	0.250	Pass
			RB12#13	18.1	1	19.10	0.081	0.250	Pass
			RB25#0	18.06	1	19.06	0.081	0.250	Pass
		16-QAM	RB1#0	18.46	1	19.46	0.088	0.250	Pass
			RB1#13	18.47	1	19.47	0.089	0.250	Pass
			RB1#24	18.47	1	19.47	0.089	0.250	Pass
			RB12#0	17.12	1	18.12	0.065	0.250	Pass
			RB12#6	17.2	1	18.20	0.066	0.250	Pass
			RB12#13	17.2	1	18.20	0.066	0.250	Pass
			RB25#0	17.09	1	18.09	0.064	0.250	Pass
	HCH	QPSK	RB1#0	19.06	1	20.06	0.101	0.250	Pass
			RB1#13	19.2	1	20.20	0.105	0.250	Pass
			RB1#24	19.07	1	20.07	0.102	0.250	Pass
			RB12#0	18.13	1	19.13	0.082	0.250	Pass
			RB12#6	18.07	1	19.07	0.081	0.250	Pass
			RB12#13	18.09	1	19.09	0.081	0.250	Pass
			RB25#0	18.05	1	19.05	0.080	0.250	Pass
		16-QAM	RB1#0	18.26	1	19.26	0.084	0.250	Pass
			RB1#13	18.41	1	19.41	0.087	0.250	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 BAND40(2305-2315MHz)									
			RB1#24	18.29	1	19.29	0.085	0.250	Pass
			RB12#0	17.15	1	18.15	0.065	0.250	Pass
			RB12#6	17.16	1	18.16	0.065	0.250	Pass
			RB12#13	17.15	1	18.15	0.065	0.250	Pass
			RB25#0	17.05	1	18.05	0.064	0.250	Pass
10 MHz	MCH	QPSK	RB1#0	9.06	1	10.06	0.010	0.250	Pass
			RB1#25	9.03	1	10.03	0.010	0.250	Pass
			RB1#49	9.07	1	10.07	0.010	0.250	Pass
			RB25#0	9.02	1	10.02	0.010	0.250	Pass
			RB25#13	9.09	1	10.09	0.010	0.250	Pass
			RB25#25	9.03	1	10.03	0.010	0.250	Pass
			RB50#0	9.09	1	10.09	0.010	0.250	Pass
		16-QAM	RB1#0	18.3	1	19.30	0.085	0.250	Pass
			RB1#25	18.32	1	19.32	0.086	0.250	Pass
			RB1#49	18.38	1	19.38	0.087	0.250	Pass
			RB25#0	17.07	1	18.07	0.064	0.250	Pass
			RB25#13	17.15	1	18.15	0.065	0.250	Pass
			RB25#25	17.11	1	18.11	0.065	0.250	Pass
			RB50#0	17.21	1	18.21	0.066	0.250	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 BAND40(2350-2360MHz)									
5 MHz	LCH	QPSK	RB1#0	18.86	1	19.86	0.097	0.250	Pass
			RB1#13	18.98	1	19.98	0.100	0.250	Pass
			RB1#24	18.97	1	19.97	0.099	0.250	Pass
			RB12#0	17.85	1	18.85	0.077	0.250	Pass
			RB12#6	17.89	1	18.89	0.077	0.250	Pass
			RB12#13	17.97	1	18.97	0.079	0.250	Pass
			RB25#0	17.94	1	18.94	0.078	0.250	Pass
		16-QAM	RB1#0	18.07	1	19.07	0.081	0.250	Pass
			RB1#13	18.22	1	19.22	0.084	0.250	Pass
			RB1#24	18.16	1	19.16	0.082	0.250	Pass
			RB12#0	16.93	1	17.93	0.062	0.250	Pass
			RB12#6	17.02	1	18.02	0.063	0.250	Pass
			RB12#13	17.03	1	18.03	0.064	0.250	Pass
			RB25#0	16.93	1	17.93	0.062	0.250	Pass
	MCH	QPSK	RB1#0	18.91	1	19.91	0.098	0.250	Pass
			RB1#13	19.02	1	20.02	0.100	0.250	Pass
			RB1#24	19	1	20.00	0.100	0.250	Pass
			RB12#0	17.9	1	18.90	0.078	0.250	Pass
			RB12#6	17.97	1	18.97	0.079	0.250	Pass
			RB12#13	17.98	1	18.98	0.079	0.250	Pass
			RB25#0	17.96	1	18.96	0.079	0.250	Pass
		16-QAM	RB1#0	18.19	1	19.19	0.083	0.250	Pass
			RB1#13	18.33	1	19.33	0.086	0.250	Pass
			RB1#24	18.29	1	19.29	0.085	0.250	Pass
			RB12#0	16.94	1	17.94	0.062	0.250	Pass
			RB12#6	17	1	18.00	0.063	0.250	Pass
			RB12#13	17.01	1	18.01	0.063	0.250	Pass
			RB25#0	17.01	1	18.01	0.063	0.250	Pass
	HCH	QPSK	RB1#0	18.99	1	19.99	0.100	0.250	Pass
			RB1#13	19.09	1	20.09	0.102	0.250	Pass
			RB1#24	18.94	1	19.94	0.099	0.250	Pass
			RB12#0	17.97	1	18.97	0.079	0.250	Pass
			RB12#6	18.01	1	19.01	0.080	0.250	Pass
			RB12#13	18.04	1	19.04	0.080	0.250	Pass
			RB25#0	18	1	19.00	0.079	0.250	Pass
		16-QAM	RB1#0	18.34	1	19.34	0.086	0.250	Pass
			RB1#13	18.46	1	19.46	0.088	0.250	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 BAND40(2350-2360MHz)									
			RB1#24	18.33	1	19.33	0.086	0.250	Pass
			RB12#0	17.09	1	18.09	0.064	0.250	Pass
			RB12#6	17.16	1	18.16	0.065	0.250	Pass
			RB12#13	17.19	1	18.19	0.066	0.250	Pass
			RB25#0	17.02	1	18.02	0.063	0.250	Pass
10 MHz	MCH	QPSK	RB1#0	8.81	1	9.81	0.010	0.250	Pass
			RB1#25	8.86	1	9.86	0.010	0.250	Pass
			RB1#49	8.88	1	9.88	0.010	0.250	Pass
			RB25#0	8.88	1	9.88	0.010	0.250	Pass
			RB25#13	8.9	1	9.90	0.010	0.250	Pass
			RB25#25	8.96	1	9.96	0.010	0.250	Pass
			RB50#0	8.9	1	9.90	0.010	0.250	Pass
		16-QAM	RB1#0	18.09	1	19.09	0.081	0.250	Pass
			RB1#25	18.21	1	19.21	0.083	0.250	Pass
			RB1#49	18.16	1	19.16	0.082	0.250	Pass
			RB25#0	16.93	1	17.93	0.062	0.250	Pass
			RB25#13	17.02	1	18.02	0.063	0.250	Pass
			RB25#25	17.05	1	18.05	0.064	0.250	Pass
			RB50#0	16.98	1	17.98	0.063	0.250	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
5 MHz	LCH	QPSK	RB1#0	22.62	1	23.62	0.230	2.00	Pass
			RB1#13	22.7	1	23.70	0.234	2.00	Pass
			RB1#24	22.66	1	23.66	0.232	2.00	Pass
			RB12#0	21.65	1	22.65	0.184	2.00	Pass
			RB12#6	21.73	1	22.73	0.187	2.00	Pass
			RB12#13	21.72	1	22.72	0.187	2.00	Pass
			RB25#0	21.68	1	22.68	0.185	2.00	Pass
		16-QAM	RB1#0	22.04	1	23.04	0.201	2.00	Pass
			RB1#13	22.15	1	23.15	0.207	2.00	Pass
			RB1#24	22.01	1	23.01	0.200	2.00	Pass
			RB12#0	20.68	1	21.68	0.147	2.00	Pass
			RB12#6	20.72	1	21.72	0.149	2.00	Pass
			RB12#13	20.68	1	21.68	0.147	2.00	Pass
			RB25#0	20.74	1	21.74	0.149	2.00	Pass
	MCH	QPSK	RB1#0	22.49	1	23.49	0.223	2.00	Pass
			RB1#13	22.52	1	23.52	0.225	2.00	Pass
			RB1#24	22.44	1	23.44	0.221	2.00	Pass
			RB12#0	21.47	1	22.47	0.177	2.00	Pass
			RB12#6	21.45	1	22.45	0.176	2.00	Pass
			RB12#13	21.47	1	22.47	0.177	2.00	Pass
			RB25#0	21.45	1	22.45	0.176	2.00	Pass
		16-QAM	RB1#0	21.78	1	22.78	0.190	2.00	Pass
			RB1#13	21.82	1	22.82	0.191	2.00	Pass
			RB1#24	21.74	1	22.74	0.188	2.00	Pass
			RB12#0	20.49	1	21.49	0.141	2.00	Pass
			RB12#6	20.5	1	21.50	0.141	2.00	Pass
			RB12#13	20.52	1	21.52	0.142	2.00	Pass
			RB25#0	20.5	1	21.50	0.141	2.00	Pass
	HCH	QPSK	RB1#0	22.38	1	23.38	0.218	2.00	Pass
			RB1#13	22.4	1	23.40	0.219	2.00	Pass
			RB1#24	22.33	1	23.33	0.215	2.00	Pass
			RB12#0	21.31	1	22.31	0.170	2.00	Pass
			RB12#6	21.35	1	22.35	0.172	2.00	Pass
			RB12#13	21.34	1	22.34	0.171	2.00	Pass
			RB25#0	21.36	1	22.36	0.172	2.00	Pass
		16-QAM	RB1#0	21.64	1	22.64	0.184	2.00	Pass
			RB1#13	21.69	1	22.69	0.186	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
			RB1#24	21.65	1	22.65	0.184	2.00	Pass
			RB12#0	20.43	1	21.43	0.139	2.00	Pass
			RB12#6	20.45	1	21.45	0.140	2.00	Pass
			RB12#13	20.41	1	21.41	0.138	2.00	Pass
			RB25#0	20.34	1	21.34	0.136	2.00	Pass
10 MHz	LCH	QPSK	RB1#0	22.55	1	23.55	0.226	2.00	Pass
			RB1#25	22.57	1	23.57	0.228	2.00	Pass
			RB1#49	22.63	1	23.63	0.231	2.00	Pass
			RB25#0	21.66	1	22.66	0.185	2.00	Pass
			RB25#13	21.7	1	22.70	0.186	2.00	Pass
			RB25#25	21.69	1	22.69	0.186	2.00	Pass
			RB50#0	21.68	1	22.68	0.185	2.00	Pass
		16-QAM	RB1#0	21.88	1	22.88	0.194	2.00	Pass
			RB1#25	21.86	1	22.86	0.193	2.00	Pass
			RB1#49	21.97	1	22.97	0.198	2.00	Pass
			RB25#0	20.71	1	21.71	0.148	2.00	Pass
			RB25#13	20.71	1	21.71	0.148	2.00	Pass
			RB25#25	20.68	1	21.68	0.147	2.00	Pass
			RB50#0	20.7	1	21.70	0.148	2.00	Pass
	MCH	QPSK	RB1#0	22.46	1	23.46	0.222	2.00	Pass
			RB1#25	22.42	1	23.42	0.220	2.00	Pass
			RB1#49	22.44	1	23.44	0.221	2.00	Pass
			RB25#0	21.44	1	22.44	0.175	2.00	Pass
			RB25#13	21.45	1	22.45	0.176	2.00	Pass
			RB25#25	21.43	1	22.43	0.175	2.00	Pass
			RB50#0	21.47	1	22.47	0.177	2.00	Pass
		16-QAM	RB1#0	21.83	1	22.83	0.192	2.00	Pass
			RB1#25	21.84	1	22.84	0.192	2.00	Pass
			RB1#49	21.79	1	22.79	0.190	2.00	Pass
			RB25#0	20.48	1	21.48	0.141	2.00	Pass
			RB25#13	20.49	1	21.49	0.141	2.00	Pass
			RB25#25	20.47	1	21.47	0.140	2.00	Pass
			RB50#0	20.47	1	21.47	0.140	2.00	Pass
	HCH	QPSK	RB1#0	22.38	1	23.38	0.218	2.00	Pass
			RB1#25	22.36	1	23.36	0.217	2.00	Pass
			RB1#49	22.32	1	23.32	0.215	2.00	Pass
			RB25#0	21.34	1	22.34	0.171	2.00	Pass
			RB25#13	21.39	1	22.39	0.173	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
			RB25#25	21.37	1	22.37	0.173	2.00	Pass
			RB50#0	21.34	1	22.34	0.171	2.00	Pass
		16-QAM	RB1#0	21.76	1	22.76	0.189	2.00	Pass
			RB1#25	21.72	1	22.72	0.187	2.00	Pass
			RB1#49	21.73	1	22.73	0.187	2.00	Pass
			RB25#0	20.39	1	21.39	0.138	2.00	Pass
			RB25#13	20.41	1	21.41	0.138	2.00	Pass
			RB25#25	20.41	1	21.41	0.138	2.00	Pass
			RB50#0	20.4	1	21.40	0.138	2.00	Pass
15 MHz	LCH	QPSK	RB1#0	22.62	1	23.62	0.230	2.00	Pass
			RB1#38	22.63	1	23.63	0.231	2.00	Pass
			RB1#74	22.69	1	23.69	0.234	2.00	Pass
			RB36#0	21.68	1	22.68	0.185	2.00	Pass
			RB36#19	21.72	1	22.72	0.187	2.00	Pass
			RB36#39	21.7	1	22.70	0.186	2.00	Pass
			RB75#0	21.69	1	22.69	0.186	2.00	Pass
		16-QAM	RB1#0	21.89	1	22.89	0.195	2.00	Pass
			RB1#38	21.91	1	22.91	0.195	2.00	Pass
			RB1#74	21.96	1	22.96	0.198	2.00	Pass
			RB36#0	20.69	1	21.69	0.148	2.00	Pass
			RB36#19	20.75	1	21.75	0.150	2.00	Pass
			RB36#39	20.72	1	21.72	0.149	2.00	Pass
			RB75#0	20.71	1	21.71	0.148	2.00	Pass
	MCH	QPSK	RB1#0	22.56	1	23.56	0.227	2.00	Pass
			RB1#38	22.45	1	23.45	0.221	2.00	Pass
			RB1#74	22.4	1	23.40	0.219	2.00	Pass
			RB36#0	21.46	1	22.46	0.176	2.00	Pass
			RB36#19	21.46	1	22.46	0.176	2.00	Pass
			RB36#39	21.44	1	22.44	0.175	2.00	Pass
			RB75#0	21.47	1	22.47	0.177	2.00	Pass
		16-QAM	RB1#0	21.96	1	22.96	0.198	2.00	Pass
			RB1#38	21.85	1	22.85	0.193	2.00	Pass
			RB1#74	21.81	1	22.81	0.191	2.00	Pass
			RB36#0	20.46	1	21.46	0.140	2.00	Pass
			RB36#19	20.47	1	21.47	0.140	2.00	Pass
			RB36#39	20.41	1	21.41	0.138	2.00	Pass
			RB75#0	20.44	1	21.44	0.139	2.00	Pass
	HCH	QPSK	RB1#0	22.38	1	23.38	0.218	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
			RB1#38	22.37	1	23.37	0.217	2.00	Pass
			RB1#74	22.32	1	23.32	0.215	2.00	Pass
			RB36#0	21.38	1	22.38	0.173	2.00	Pass
			RB36#19	21.38	1	22.38	0.173	2.00	Pass
			RB36#39	21.31	1	22.31	0.170	2.00	Pass
			RB75#0	21.35	1	22.35	0.172	2.00	Pass
		16-QAM	RB1#0	21.68	1	22.68	0.185	2.00	Pass
			RB1#38	21.64	1	22.64	0.184	2.00	Pass
			RB1#74	21.6	1	22.60	0.182	2.00	Pass
			RB36#0	20.4	1	21.40	0.138	2.00	Pass
			RB36#19	20.42	1	21.42	0.139	2.00	Pass
			RB36#39	20.32	1	21.32	0.136	2.00	Pass
			RB75#0	20.26	1	21.26	0.134	2.00	Pass
20 MHz	LCH	QPSK	RB1#0	22.59	1	23.59	0.229	2.00	Pass
			RB1#50	22.62	1	23.62	0.230	2.00	Pass
			RB1#99	22.53	1	23.53	0.225	2.00	Pass
			RB50#0	21.7	1	22.70	0.186	2.00	Pass
			RB50#25	21.69	1	22.69	0.186	2.00	Pass
			RB50#50	21.64	1	22.64	0.184	2.00	Pass
			RB100#0	21.64	1	22.64	0.184	2.00	Pass
		16-QAM	RB1#0	21.99	1	22.99	0.199	2.00	Pass
			RB1#50	22.06	1	23.06	0.202	2.00	Pass
			RB1#99	22.01	1	23.01	0.200	2.00	Pass
			RB50#0	20.74	1	21.74	0.149	2.00	Pass
			RB50#25	20.75	1	21.75	0.150	2.00	Pass
			RB50#50	20.66	1	21.66	0.147	2.00	Pass
			RB100#0	20.66	1	21.66	0.147	2.00	Pass
	MCH	QPSK	RB1#0	22.53	1	23.53	0.225	2.00	Pass
			RB1#50	22.39	1	23.39	0.218	2.00	Pass
			RB1#99	22.34	1	23.34	0.216	2.00	Pass
			RB50#0	21.52	1	22.52	0.179	2.00	Pass
			RB50#25	21.5	1	22.50	0.178	2.00	Pass
			RB50#50	21.45	1	22.45	0.176	2.00	Pass
			RB100#0	21.46	1	22.46	0.176	2.00	Pass
		16-QAM	RB1#0	21.74	1	22.74	0.188	2.00	Pass
			RB1#50	21.62	1	22.62	0.183	2.00	Pass
			RB1#99	21.54	1	22.54	0.179	2.00	Pass
			RB50#0	20.55	1	21.55	0.143	2.00	Pass

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
LTE BAND41									
			RB50#25	20.54	1	21.54	0.143	2.00	Pass
			RB50#50	20.49	1	21.49	0.141	2.00	Pass
			RB100#0	20.51	1	21.51	0.142	2.00	Pass
	HCH	QPSK	RB1#0	22.46	1	23.46	0.222	2.00	Pass
			RB1#50	22.42	1	23.42	0.220	2.00	Pass
			RB1#99	22.4	1	23.40	0.219	2.00	Pass
			RB50#0	21.41	1	22.41	0.174	2.00	Pass
			RB50#25	21.41	1	22.41	0.174	2.00	Pass
			RB50#50	21.36	1	22.36	0.172	2.00	Pass
			RB100#0	21.38	1	22.38	0.173	2.00	Pass
		16-QAM	RB1#0	21.78	1	22.78	0.190	2.00	Pass
			RB1#50	21.72	1	22.72	0.187	2.00	Pass
			RB1#99	21.72	1	22.72	0.187	2.00	Pass
			RB50#0	20.41	1	21.41	0.138	2.00	Pass
			RB50#25	20.45	1	21.45	0.140	2.00	Pass
			RB50#50	20.41	1	21.41	0.138	2.00	Pass
			RB100#0	20.36	1	21.36	0.137	2.00	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.

Note 2: Test plots please refer to the document “Annex No.:22TJ0350-501 Data Part 1.pdf”.

WCDMA Mode Test Data

Test Band	Test Channel	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
Band 2	LCH	3.05	13	1.1	Pass
	MCH	3.05	13	1.2	Pass
	HCH	3.05	13	1.3	Pass
Band 4	LCH	2.95	13	2.1	Pass
	MCH	3	13	2.2	Pass
	HCH	3	13	2.3	Pass
Band 5	LCH	3.05	13	3.1	Pass
	MCH	3.05	13	3.2	Pass
	HCH	2.91	13	3.3	Pass

LTE Mode Test Data

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
LTE Band 2	20 MHz	LCH	QPSK	RB1#0	4.92	13	4.1	Pass
				RB100#0	5.81	13	4.2	Pass
			16-QAM	RB1#0	5.95	13	4.3	Pass
				RB100#0	6.66	13	4.4	Pass
		MCH	QPSK	RB1#0	5.48	13	4.5	Pass
				RB100#0	5.58	13	4.6	Pass
			16-QAM	RB1#0	6.42	13	4.7	Pass
				RB100#0	6.42	13	4.8	Pass
		HCH	QPSK	RB1#0	5.16	13	4.9	Pass
				RB100#0	5.48	13	4.10	Pass
			16-QAM	RB1#0	6.09	13	4.11	Pass
				RB100#0	6.33	13	4.12	Pass
LTE Band 4	20 MHz	LCH	QPSK	RB1#0	5.16	13	5.1	Pass
				RB100#0	5.39	13	5.2	Pass
			16-QAM	RB1#0	5.77	13	5.3	Pass
				RB100#0	6.23	13	5.4	Pass
		MCH	QPSK	RB1#0	4.69	13	5.5	Pass
				RB100#0	5.58	13	5.6	Pass
			16-QAM	RB1#0	5.53	13	5.7	Pass
				RB100#0	6.37	13	5.8	Pass
		HCH	QPSK	RB1#0	5.34	13	5.9	Pass
				RB100#0	5.53	13	5.10	Pass
			16-QAM	RB1#0	6.28	13	5.11	Pass
				RB100#0	6.33	13	5.12	Pass
LTE Band 5	10 MHz	LCH	QPSK	RB1#0	5.44	13	6.1	Pass
				RB50#0	5.44	13	6.2	Pass
			16-QAM	RB1#0	5.48	13	6.3	Pass
				RB50#0	6.23	13	6.4	Pass
		MCH	QPSK	RB1#0	4.87	13	6.5	Pass
				RB50#0	5.44	13	6.6	Pass
			16-QAM	RB1#0	5.67	13	6.7	Pass
				RB50#0	6.19	13	6.8	Pass
		HCH	QPSK	RB1#0	4.87	13	6.9	Pass
				RB50#0	5.34	13	6.10	Pass
			16-QAM	RB1#0	5.81	13	6.11	Pass
				RB50#0	6.14	13	6.12	Pass
LTE Band 7	20 MHz	LCH	QPSK	RB1#0	4.59	13	7.1	Pass
				RB100#0	5.34	13	7.2	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
			16-QAM	RB1#0	5.25	13	7.3	Pass
				RB100#0	6.23	13	7.4	Pass
		MCH	QPSK	RB1#0	4.27	13	7.5	Pass
				RB100#0	5.06	13	7.6	Pass
			16-QAM	RB1#0	5.2	13	7.7	Pass
				RB100#0	5.91	13	7.8	Pass
		HCH	QPSK	RB1#0	4.87	13	7.9	Pass
				RB100#0	5.3	13	7.10	Pass
			16-QAM	RB1#0	5.77	13	7.11	Pass
				RB100#0	6.14	13	7.12	Pass
LTE Band 12	10 MHz	LCH	QPSK	RB1#0	4.36	13	8.1	Pass
				RB50#0	5.3	13	8.2	Pass
			16-QAM	RB1#0	5.2	13	8.3	Pass
				RB50#0	6.09	13	8.4	Pass
		MCH	QPSK	RB1#0	4.5	13	8.5	Pass
				RB50#0	5.3	13	8.6	Pass
			16-QAM	RB1#0	5.44	13	8.7	Pass
				RB50#0	6.14	13	8.8	Pass
		HCH	QPSK	RB1#0	4.45	13	8.9	Pass
				RB50#0	5.25	13	8.10	Pass
			16-QAM	RB1#0	5.3	13	8.11	Pass
				RB50#0	6.05	13	8.12	Pass
LTE Band 13	10 MHz	LCH	QPSK	RB1#0	4.45	13	9.1	Pass
				RB50#0	5.3	13	9.2	Pass
			16-QAM	RB1#0	5.25	13	9.3	Pass
				RB50#0	6.09	13	9.4	Pass
LTE Band 14	10 MHz	LCH	QPSK	RB1#0	4.92	13	10.1	Pass
				RB50#0	5.34	13	10.2	Pass
			16-QAM	RB1#0	5.72	13	10.3	Pass
				RB50#0	6.14	13	10.4	Pass
LTE Band 17	10 MHz	LCH	QPSK	RB1#0	4.55	13	11.1	Pass
				RB50#0	5.3	13	11.2	Pass
			16-QAM	RB1#0	5.39	13	11.3	Pass
				RB50#0	6.09	13	11.4	Pass
		MCH	QPSK	RB1#0	4.59	13	11.5	Pass
				RB50#0	5.25	13	11.6	Pass
			16-QAM	RB1#0	5.48	13	11.7	Pass
				RB50#0	6.09	13	11.8	Pass
		HCH	QPSK	RB1#0	4.45	13	11.9	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	5.2	13	11.10	Pass
			16-QAM	RB1#0	5.25	13	11.11	Pass
				RB50#0	6	13	11.12	Pass
LTE Band 18 (824-830MHz)	5 MHz	LCH	QPSK	RB1#0	4.78	13	12.1	Pass
				RB25#0	5.3	13	12.2	Pass
			16-QAM	RB1#0	5.62	13	12.3	Pass
				RB25#0	6.09	13	12.4	Pass
		MCH	QPSK	RB1#0	4.69	13	12.5	Pass
				RB25#0	5.25	13	12.6	Pass
			16-QAM	RB1#0	5.39	13	12.7	Pass
				RB25#0	6.09	13	12.8	Pass
		HCH	QPSK	RB1#0	4.73	13	12.9	Pass
				RB25#0	5.3	13	12.10	Pass
			16-QAM	RB1#0	5.44	13	12.11	Pass
				RB25#0	6.09	13	12.12	Pass
LTE Band 18 (815-824MHz)	5 MHz	LCH	QPSK	RB1#0	5.11	13	13.1	Pass
				RB25#0	5.48	13	13.2	Pass
			16-QAM	RB1#0	5.91	13	13.3	Pass
				RB25#0	6.23	13	13.4	Pass
		MCH	QPSK	RB1#0	5.16	13	13.5	Pass
				RB25#0	5.44	13	13.6	Pass
			16-QAM	RB1#0	5.77	13	13.7	Pass
				RB25#0	6.19	13	13.8	Pass
		HCH	QPSK	RB1#0	5.11	13	13.9	Pass
				RB25#0	5.34	13	13.10	Pass
			16-QAM	RB1#0	5.81	13	13.11	Pass
				RB25#0	6.09	13	13.12	Pass
LTE Band 19	15 MHz	MCH	QPSK	RB1#0	4.92	13	14.1	Pass
				RB75#0	5.48	13	14.2	Pass
			16-QAM	RB1#0	5.72	13	14.3	Pass
				RB75#0	6.14	13	14.4	Pass
LTE Band 25	20 MHz	LCH	QPSK	RB1#0	4.83	13	15.1	Pass
				RB100#0	5.62	13	15.2	Pass
			16-QAM	RB1#0	5.58	13	15.3	Pass
				RB100#0	6.42	13	15.4	Pass
		MCH	QPSK	RB1#0	5.2	13	15.5	Pass
				RB100#0	5.48	13	15.6	Pass
			16-QAM	RB1#0	6.09	13	15.7	Pass
				RB100#0	6.28	13	15.8	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
		HCH	QPSK	RB1#0	5.11	13	15.9	Pass
				RB100#0	5.48	13	15.10	Pass
			16-QAM	RB1#0	6.09	13	15.11	Pass
				RB100#0	6.28	13	15.12	Pass
LTE Band 26 (824-849MHz)	15 MHz	LCH	QPSK	RB1#0	4.78	13	16.1	Pass
				RB75#0	5.58	13	16.2	Pass
			16-QAM	RB1#0	5.62	13	16.3	Pass
				RB75#0	6.28	13	16.4	Pass
		MCH	QPSK	RB1#0	4.97	13	16.5	Pass
				RB75#0	5.53	13	16.6	Pass
			16-QAM	RB1#0	5.91	13	16.7	Pass
				RB75#0	6.19	13	16.8	Pass
		HCH	QPSK	RB1#0	5.06	13	16.9	Pass
				RB75#0	5.44	13	16.10	Pass
			16-QAM	RB1#0	5.86	13	16.11	Pass
				RB75#0	6.05	13	16.12	Pass
LTE Band 26 (814-824MHz)	10 MHz	MCH	QPSK	RB1#0	5.06	13	17.1	Pass
				RB50#0	5.48	13	17.2	Pass
			16-QAM	RB1#0	5.86	13	17.3	Pass
				RB50#0	6.23	13	17.4	Pass
LTE Band 30	10 MHz	MCH	QPSK	RB1#0	4.22	13	18.1	Pass
				RB50#0	5.16	13	18.2	Pass
			16-QAM	RB1#0	5.02	13	18.3	Pass
				RB50#0	6	13	18.4	Pass
LTE Band 66	20 MHz	LCH	QPSK	RB1#0	5.16	13	19.1	Pass
				RB100#0	5.44	13	19.2	Pass
			16-QAM	RB1#0	6.09	13	19.3	Pass
				RB100#0	6.19	13	19.4	Pass
		MCH	QPSK	RB1#0	5.34	13	19.5	Pass
				RB100#0	5.48	13	19.6	Pass
			16-QAM	RB1#0	5.95	13	19.7	Pass
				RB100#0	6.33	13	19.8	Pass
		HCH	QPSK	RB1#0	4.5	13	19.9	Pass
				RB100#0	5.72	13	19.10	Pass
			16-QAM	RB1#0	5.44	13	19.11	Pass
				RB100#0	6.47	13	19.12	Pass
LTE Band 38	20 MHz	LCH	QPSK	RB1#0	8.67	13	20.1	Pass
				RB100#0	8.95	13	20.2	Pass
			16-QAM	RB1#0	9.42	13	20.3	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note2]	Verdict
				RB100#0	9.66	13	20.4	Pass
		MCH	QPSK	RB1#0	8.25	13	20.5	Pass
				RB100#0	8.86	13	20.6	Pass
			16-QAM	RB1#0	8.95	13	20.7	Pass
				RB100#0	9.61	13	20.8	Pass
		HCH	QPSK	RB1#0	8.2	13	20.9	Pass
				RB100#0	9	13	20.10	Pass
			16-QAM	RB1#0	9.09	13	20.11	Pass
				RB100#0	9.66	13	20.12	Pass
LTE Band40 (2305-2315MHz)	10 MHz	MCH	QPSK	RB1#0	9.19	13	21.1	Pass
				RB50#0	9.19	13	21.2	Pass
			16-QAM	RB1#0	9.94	13	21.3	Pass
				RB50#0	10.08	13	21.4	Pass
LTE Band40 (2350-2360MHz)	10 MHz	MCH	QPSK	RB1#0	9.28	13	22.1	Pass
				RB50#0	9.19	13	22.2	Pass
			16-QAM	RB1#0	10.27	13	22.3	Pass
				RB50#0	10.12	13	22.4	Pass
LTE Band 41	20 MHz	LCH	QPSK	RB1#0	8.72	13	23.1	Pass
				RB100#0	9.09	13	23.2	Pass
			16-QAM	RB1#0	9.47	13	23.3	Pass
				RB100#0	9.84	13	23.4	Pass
		MCH	QPSK	RB1#0	8.77	13	23.5	Pass
				RB100#0	9.05	13	23.6	Pass
			16-QAM	RB1#0	9.56	13	23.7	Pass
				RB100#0	9.75	13	23.8	Pass
		HCH	QPSK	RB1#0	9.19	13	23.9	Pass
				RB100#0	9.05	13	23.10	Pass
			16-QAM	RB1#0	9.84	13	23.11	Pass
				RB100#0	9.8	13	23.12	Pass

A.3 Occupied Bandwidth

Note 1: All modes were tested, but only the typical data were reported in this report.

Note 2: Test plots please refer to the document “Annex No.:22TJ0350-501 Data Part 2.pdf”.

CDMA and WCDMA Mode Test Data

Test Band	Test Channel	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
WCDMA Band 2	LCH	4.119	4.708	1.1
	MCH	4.109	4.71	1.2
	HCH	4.119	4.714	1.3
WCDMA Band 4	LCH	4.119	4.708	2.1
	MCH	4.122	4.714	2.2
	HCH	4.111	4.72	2.3
WCDMA Band 5	LCH	4.125	4.713	3.1
	MCH	4.127	4.721	3.2
	HCH	4.122	4.723	3.3

LTE Mode Test Data

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 2	1.4 MHz	LCH	QPSK	RB6#0	1.086	1.223	4.1
			16-QAM	RB6#0	1.09	1.228	4.2
		MCH	QPSK	RB6#0	1.088	1.24	4.3
			16-QAM	RB6#0	1.082	1.222	4.4
		HCH	QPSK	RB6#0	1.09	1.225	4.5
			16-QAM	RB6#0	1.089	1.229	4.6
	3 MHz	LCH	QPSK	RB15#0	2.702	3.003	4.7
			16-QAM	RB15#0	2.698	2.985	4.8
		MCH	QPSK	RB15#0	2.702	3.008	4.9
			16-QAM	RB15#0	2.696	2.99	4.10
		HCH	QPSK	RB15#0	2.7	3.014	4.11
			16-QAM	RB15#0	2.697	3.017	4.12
	5 MHz	LCH	QPSK	RB25#0	4.511	4.971	4.13
			16-QAM	RB25#0	4.494	4.944	4.14
		MCH	QPSK	RB25#0	4.506	4.992	4.15
			16-QAM	RB25#0	4.504	4.96	4.16
		HCH	QPSK	RB25#0	4.497	4.937	4.17
			16-QAM	RB25#0	4.504	4.978	4.18
	10 MHz	LCH	QPSK	RB50#0	8.978	9.828	4.19
			16-QAM	RB50#0	8.99	9.786	4.20
		MCH	QPSK	RB50#0	8.965	9.873	4.21
			16-QAM	RB50#0	8.956	9.802	4.22
		HCH	QPSK	RB50#0	8.964	9.796	4.23
			16-QAM	RB50#0	8.967	9.86	4.24
	15 MHz	LCH	QPSK	RB75#0	13.454	14.717	4.25
			16-QAM	RB75#0	13.476	14.632	4.26
		MCH	QPSK	RB75#0	13.397	14.608	4.27
			16-QAM	RB75#0	13.422	14.672	4.28
		HCH	QPSK	RB75#0	13.41	14.607	4.29
			16-QAM	RB75#0	13.43	14.737	4.30
	20 MHz	LCH	QPSK	RB100#0	17.946	19.515	4.31
			16-QAM	RB100#0	17.946	19.548	4.32
		MCH	QPSK	RB100#0	17.862	19.457	4.33
			16-QAM	RB100#0	17.866	19.506	4.34
		HCH	QPSK	RB100#0	17.864	19.471	4.35
			16-QAM	RB100#0	17.878	19.408	4.36

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	1.091	1.221	5.1
			16-QAM	RB6#0	1.085	1.226	5.2
		MCH	QPSK	RB6#0	1.083	1.224	5.3
			16-QAM	RB6#0	1.089	1.228	5.4
		HCH	QPSK	RB6#0	1.086	1.234	5.5
			16-QAM	RB6#0	1.082	1.221	5.6
	3 MHz	LCH	QPSK	RB15#0	2.705	3.012	5.7
			16-QAM	RB15#0	2.698	3.008	5.8
		MCH	QPSK	RB15#0	2.704	3.01	5.9
			16-QAM	RB15#0	2.702	3.006	5.10
		HCH	QPSK	RB15#0	2.696	2.991	5.11
			16-QAM	RB15#0	2.7	3.011	5.12
	5 MHz	LCH	QPSK	RB25#0	4.499	4.951	5.13
			16-QAM	RB25#0	4.504	4.982	5.14
		MCH	QPSK	RB25#0	4.509	5.001	5.15
			16-QAM	RB25#0	4.502	4.937	5.16
		HCH	QPSK	RB25#0	4.493	4.947	5.17
			16-QAM	RB25#0	4.511	4.962	5.18
	10 MHz	LCH	QPSK	RB50#0	8.96	9.837	5.19
			16-QAM	RB50#0	8.951	9.815	5.20
		MCH	QPSK	RB50#0	8.982	9.862	5.21
			16-QAM	RB50#0	8.974	9.854	5.22
		HCH	QPSK	RB50#0	8.969	9.851	5.23
			16-QAM	RB50#0	8.946	9.77	5.24
	15 MHz	LCH	QPSK	RB75#0	13.409	14.682	5.25
			16-QAM	RB75#0	13.409	14.63	5.26
		MCH	QPSK	RB75#0	13.467	14.825	5.27
			16-QAM	RB75#0	13.453	14.642	5.28
		HCH	QPSK	RB75#0	13.394	14.622	5.29
			16-QAM	RB75#0	13.42	14.675	5.30
	20 MHz	LCH	QPSK	RB100#0	17.883	19.539	5.31
			16-QAM	RB100#0	17.854	19.484	5.32
		MCH	QPSK	RB100#0	17.926	19.435	5.33
			16-QAM	RB100#0	17.949	19.46	5.34
		HCH	QPSK	RB100#0	17.897	19.4	5.35
			16-QAM	RB100#0	17.893	19.533	5.36

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 5	1.4 MHz	LCH	QPSK	RB6#0	1.083	1.232	6.1
			16-QAM	RB6#0	1.087	1.24	6.2
		MCH	QPSK	RB6#0	1.084	1.233	6.3
			16-QAM	RB6#0	1.084	1.22	6.4
		HCH	QPSK	RB6#0	1.088	1.226	6.5
			16-QAM	RB6#0	1.088	1.228	6.6
	3 MHz	LCH	QPSK	RB15#0	2.696	3.012	6.7
			16-QAM	RB15#0	2.699	3.003	6.8
		MCH	QPSK	RB15#0	2.704	2.997	6.9
			16-QAM	RB15#0	2.698	3.019	6.10
		HCH	QPSK	RB15#0	2.708	3.007	6.11
			16-QAM	RB15#0	2.695	3.017	6.12
	5 MHz	LCH	QPSK	RB25#0	4.516	4.972	6.13
			16-QAM	RB25#0	4.5	4.934	6.14
		MCH	QPSK	RB25#0	4.5	4.97	6.15
			16-QAM	RB25#0	4.506	4.952	6.16
		HCH	QPSK	RB25#0	4.492	4.951	6.17
			16-QAM	RB25#0	4.504	4.969	6.18
	10 MHz	LCH	QPSK	RB50#0	8.985	9.86	6.19
			16-QAM	RB50#0	8.981	9.763	6.20
		MCH	QPSK	RB50#0	8.956	9.84	6.21
			16-QAM	RB50#0	8.956	9.808	6.22
		HCH	QPSK	RB50#0	8.952	9.851	6.23
			16-QAM	RB50#0	8.962	9.824	6.24

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	4.504	4.971	7.1
			16-QAM	RB25#0	4.498	4.951	7.2
		MCH	QPSK	RB25#0	4.492	4.993	7.3
			16-QAM	RB25#0	4.509	4.964	7.4
		HCH	QPSK	RB25#0	4.49	4.953	7.5
			16-QAM	RB25#0	4.502	4.978	7.6
	10 MHz	LCH	QPSK	RB50#0	8.97	9.906	7.7
			16-QAM	RB50#0	8.978	9.783	7.8
		MCH	QPSK	RB50#0	8.963	9.837	7.9
			16-QAM	RB50#0	8.967	9.77	7.10
		HCH	QPSK	RB50#0	8.961	9.823	7.11
			16-QAM	RB50#0	8.956	9.794	7.12
	15 MHz	LCH	QPSK	RB75#0	13.438	14.72	7.13
			16-QAM	RB75#0	13.461	14.724	7.14
		MCH	QPSK	RB75#0	13.395	14.655	7.15
			16-QAM	RB75#0	13.422	14.668	7.16
		HCH	QPSK	RB75#0	13.39	14.679	7.17
			16-QAM	RB75#0	13.43	14.644	7.18
	20 MHz	LCH	QPSK	RB100#0	17.903	19.444	7.19
			16-QAM	RB100#0	17.933	19.42	7.20
		MCH	QPSK	RB100#0	17.884	19.344	7.21
			16-QAM	RB100#0	17.868	19.567	7.22
		HCH	QPSK	RB100#0	17.882	19.52	7.23
			16-QAM	RB100#0	17.882	19.422	7.24

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	1.084	1.227	8.1
			16-QAM	RB6#0	1.087	1.231	8.2
		MCH	QPSK	RB6#0	1.084	1.236	8.3
			16-QAM	RB6#0	1.085	1.218	8.4
		HCH	QPSK	RB6#0	1.089	1.226	8.5
			16-QAM	RB6#0	1.088	1.228	8.6
	3 MHz	LCH	QPSK	RB15#0	2.706	3.009	8.7
			16-QAM	RB15#0	2.695	3.002	8.8
		MCH	QPSK	RB15#0	2.704	3.006	8.9
			16-QAM	RB15#0	2.705	2.995	8.10
		HCH	QPSK	RB15#0	2.695	3.007	8.11
			16-QAM	RB15#0	2.7	2.989	8.12
	5 MHz	LCH	QPSK	RB25#0	4.503	4.99	8.13
			16-QAM	RB25#0	4.499	4.939	8.14
		MCH	QPSK	RB25#0	4.51	4.953	8.15
			16-QAM	RB25#0	4.517	4.991	8.16
		HCH	QPSK	RB25#0	4.501	4.94	8.17
			16-QAM	RB25#0	4.503	4.996	8.18
	10 MHz	LCH	QPSK	RB50#0	8.964	9.852	8.19
			16-QAM	RB50#0	8.964	9.76	8.20
		MCH	QPSK	RB50#0	8.95	9.801	8.21
			16-QAM	RB50#0	8.958	9.808	8.22
		HCH	QPSK	RB50#0	8.958	9.813	8.23
			16-QAM	RB50#0	8.945	9.812	8.24

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 13	5 MHz	LCH	QPSK	RB25#0	4.5	4.976	9.1
			16-QAM	RB25#0	4.481	4.962	9.2
		MCH	QPSK	RB25#0	4.488	4.96	9.3
			16-QAM	RB25#0	4.506	4.949	9.4
		HCH	QPSK	RB25#0	4.498	4.973	9.5
			16-QAM	RB25#0	4.508	5.012	9.6
	10 MHz	LCH	QPSK	RB50#0	8.952	9.835	9.7
			16-QAM	RB50#0	8.951	9.744	9.8

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 14	5 MHz	LCH	QPSK	RB25#0	4.503	4.948	10.1
			16-QAM	RB25#0	4.491	4.932	10.2
		MCH	QPSK	RB25#0	4.492	4.97	10.3
			16-QAM	RB25#0	4.504	4.959	10.4
		HCH	QPSK	RB25#0	4.503	4.953	10.5
			16-QAM	RB25#0	4.518	4.986	10.6
	10 MHz	LCH	QPSK	RB50#0	8.98	9.893	10.7
			16-QAM	RB50#0	8.975	9.788	10.8

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 17	5 MHz	LCH	QPSK	RB25#0	4.506	4.969	11.1
			16-QAM	RB25#0	4.5	4.943	11.2
		MCH	QPSK	RB25#0	4.495	4.947	11.3
			16-QAM	RB25#0	4.504	4.971	11.4
		HCH	QPSK	RB25#0	4.496	4.953	11.5
			16-QAM	RB25#0	4.505	4.968	11.6
	10 MHz	LCH	QPSK	RB50#0	8.983	9.886	11.7
			16-QAM	RB50#0	8.967	9.812	11.8
		MCH	QPSK	RB50#0	8.948	9.791	11.9
			16-QAM	RB50#0	8.951	9.81	11.10
		HCH	QPSK	RB50#0	8.952	9.815	11.11
			16-QAM	RB50#0	8.958	9.812	11.12

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note2]
Band 18 (824-830MHz)	5 MHz	LCH	QPSK	RB25#0	4.511	4.961	12.1
			16-QAM	RB25#0	4.513	4.956	12.2
		MCH	QPSK	RB25#0	4.508	4.952	12.3
			16-QAM	RB25#0	4.497	4.929	12.4
		HCH	QPSK	RB25#0	4.499	4.94	12.5
			16-QAM	RB25#0	4.505	4.98	12.6

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 (815-824MHz)	5 MHz	LCH	QPSK	RB25#0	4.495	4.937	13.1
			16-QAM	RB25#0	4.508	4.982	13.2
		MCH	QPSK	RB25#0	4.516	4.982	13.3
			16-QAM	RB25#0	4.5	4.97	13.4
		HCH	QPSK	RB25#0	4.51	4.978	13.5
			16-QAM	RB25#0	4.503	4.989	13.6

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	4.498	4.943	14.1
			16-QAM	RB25#0	4.507	4.978	14.2
		MCH	QPSK	RB25#0	4.512	4.975	14.3
			16-QAM	RB25#0	4.492	4.95	14.4
		HCH	QPSK	RB25#0	4.509	4.956	14.5
			16-QAM	RB25#0	4.512	4.961	14.6
	10 MHz	LCH	QPSK	RB50#0	8.975	9.884	14.7
			16-QAM	RB50#0	8.961	9.804	14.8
		MCH	QPSK	RB50#0	8.938	9.829	14.9
			16-QAM	RB50#0	8.968	9.802	14.10
		HCH	QPSK	RB50#0	8.963	9.836	14.11
			16-QAM	RB50#0	8.956	9.841	14.12
	15 MHz	MCH	QPSK	RB75#0	13.418	14.688	14.13
			16-QAM	RB75#0	13.449	14.642	14.14

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	1.085	1.228	15.1
			16-QAM	RB6#0	1.09	1.238	15.2
		MCH	QPSK	RB6#0	1.085	1.239	15.3
			16-QAM	RB6#0	1.085	1.221	15.4
		HCH	QPSK	RB6#0	1.092	1.223	15.5
			16-QAM	RB6#0	1.087	1.228	15.6
	3 MHz	LCH	QPSK	RB15#0	2.699	2.995	15.7
			16-QAM	RB15#0	2.7	2.998	15.8
		MCH	QPSK	RB15#0	2.704	3.008	15.9
			16-QAM	RB15#0	2.702	3.01	15.10
		HCH	QPSK	RB15#0	2.706	3.008	15.11
			16-QAM	RB15#0	2.695	3.019	15.12
	5 MHz	LCH	QPSK	RB25#0	4.517	4.962	15.13
			16-QAM	RB25#0	4.496	4.951	15.14
		MCH	QPSK	RB25#0	4.511	4.963	15.15
			16-QAM	RB25#0	4.509	4.951	15.16
		HCH	QPSK	RB25#0	4.496	4.953	15.17
			16-QAM	RB25#0	4.509	5.003	15.18
	10 MHz	LCH	QPSK	RB50#0	8.989	9.866	15.19
			16-QAM	RB50#0	8.97	9.805	15.20
		MCH	QPSK	RB50#0	8.958	9.761	15.21
			16-QAM	RB50#0	8.958	9.776	15.22
		HCH	QPSK	RB50#0	8.972	9.856	15.23
			16-QAM	RB50#0	8.969	9.842	15.24
	15 MHz	LCH	QPSK	RB75#0	13.453	14.671	15.25
			16-QAM	RB75#0	13.455	14.697	15.26
		MCH	QPSK	RB75#0	13.407	14.69	15.27
			16-QAM	RB75#0	13.443	14.699	15.28
		HCH	QPSK	RB75#0	13.429	14.787	15.29
			16-QAM	RB75#0	13.439	14.71	15.30
	20 MHz	LCH	QPSK	RB100#0	17.932	19.419	15.31
			16-QAM	RB100#0	17.98	19.491	15.32
		MCH	QPSK	RB100#0	17.898	19.389	15.33
			16-QAM	RB100#0	17.881	19.486	15.34
		HCH	QPSK	RB100#0	17.915	19.57	15.35
			16-QAM	RB100#0	17.894	19.423	15.36

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 (824-849MHz)	1.4 MHz	LCH	QPSK	RB6#0	1.083	1.233	16.1
			16-QAM	RB6#0	1.087	1.229	16.2
		MCH	QPSK	RB6#0	1.088	1.24	16.3
			16-QAM	RB6#0	1.082	1.221	16.4
		HCH	QPSK	RB6#0	1.091	1.22	16.5
			16-QAM	RB6#0	1.087	1.231	16.6
	3 MHz	LCH	QPSK	RB15#0	2.701	2.992	16.7
			16-QAM	RB15#0	2.701	3.012	16.8
		MCH	QPSK	RB15#0	2.698	2.986	16.9
			16-QAM	RB15#0	2.696	3	16.10
		HCH	QPSK	RB15#0	2.697	2.993	16.11
			16-QAM	RB15#0	2.695	3.022	16.12
	5 MHz	LCH	QPSK	RB25#0	4.514	4.983	16.13
			16-QAM	RB25#0	4.497	4.981	16.14
		MCH	QPSK	RB25#0	4.502	4.95	16.15
			16-QAM	RB25#0	4.514	4.977	16.16
		HCH	QPSK	RB25#0	4.497	4.946	16.17
			16-QAM	RB25#0	4.504	4.978	16.18
	10 MHz	LCH	QPSK	RB50#0	8.979	9.829	16.19
			16-QAM	RB50#0	8.97	9.745	16.20
		MCH	QPSK	RB50#0	8.956	9.836	16.21
			16-QAM	RB50#0	8.963	9.796	16.22
		HCH	QPSK	RB50#0	8.962	9.836	16.23
			16-QAM	RB50#0	8.959	9.822	16.24
	15 MHz	LCH	QPSK	RB75#0	13.453	14.696	16.25
			16-QAM	RB75#0	13.48	14.705	16.26
		MCH	QPSK	RB75#0	13.397	14.696	16.27
			16-QAM	RB75#0	13.428	14.68	16.28
		HCH	QPSK	RB75#0	13.399	14.6	16.29
			16-QAM	RB75#0	13.423	14.668	16.30

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 (814-824MHz)	1.4 MHz	LCH	QPSK	RB6#0	1.083	1.235	17.1
			16-QAM	RB6#0	1.087	1.225	17.2
		MCH	QPSK	RB6#0	1.086	1.236	17.3
			16-QAM	RB6#0	1.081	1.22	17.4
		HCH	QPSK	RB6#0	1.09	1.22	17.5
			16-QAM	RB6#0	1.087	1.232	17.6
	3 MHz	LCH	QPSK	RB15#0	2.701	2.991	17.7
			16-QAM	RB15#0	2.702	3.002	17.8
		MCH	QPSK	RB15#0	2.705	2.993	17.9
			16-QAM	RB15#0	2.697	3.013	17.10
		HCH	QPSK	RB15#0	2.701	3.013	17.11
			16-QAM	RB15#0	2.695	3.006	17.12
	5 MHz	LCH	QPSK	RB25#0	4.515	4.965	17.13
			16-QAM	RB25#0	4.501	4.939	17.14
		MCH	QPSK	RB25#0	4.493	4.978	17.15
			16-QAM	RB25#0	4.505	4.971	17.16
		HCH	QPSK	RB25#0	4.492	4.963	17.17
			16-QAM	RB25#0	4.503	4.955	17.18
	10 MHz	MCH	QPSK	RB50#0	8.99	9.878	17.19
			16-QAM	RB50#0	8.968	9.803	17.20

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 30	5 MHz	LCH	QPSK	RB25#0	4.51	4.993	18.1
			16-QAM	RB25#0	4.502	4.952	18.2
		MCH	QPSK	RB25#0	4.496	4.997	18.3
			16-QAM	RB25#0	4.514	4.976	18.4
		HCH	QPSK	RB25#0	4.498	4.976	18.5
			16-QAM	RB25#0	4.507	4.984	18.6
	10 MHz	MCH	QPSK	RB50#0	8.968	9.894	18.7
			16-QAM	RB50#0	8.959	9.805	18.8

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 66	1.4 MHz	LCH	QPSK	RB6#0	1.086	1.226	19.1
			16-QAM	RB6#0	1.085	1.226	19.2
		MCH	QPSK	RB6#0	1.083	1.234	19.3
			16-QAM	RB6#0	1.088	1.239	19.4
		HCH	QPSK	RB6#0	1.085	1.237	19.5
			16-QAM	RB6#0	1.084	1.222	19.6
	3 MHz	LCH	QPSK	RB15#0	2.704	3.019	19.7
			16-QAM	RB15#0	2.697	3.001	19.8
		MCH	QPSK	RB15#0	2.703	2.99	19.9
			16-QAM	RB15#0	2.698	2.992	19.10
		HCH	QPSK	RB15#0	2.699	3.008	19.11
			16-QAM	RB15#0	2.693	3.018	19.12
	5 MHz	LCH	QPSK	RB25#0	4.508	4.978	19.13
			16-QAM	RB25#0	4.501	4.926	19.14
		MCH	QPSK	RB25#0	4.505	4.971	19.15
			16-QAM	RB25#0	4.508	4.986	19.16
		HCH	QPSK	RB25#0	4.495	4.951	19.17
			16-QAM	RB25#0	4.497	4.967	19.18
	10 MHz	LCH	QPSK	RB50#0	8.972	9.867	19.19
			16-QAM	RB50#0	8.969	9.775	19.20
		MCH	QPSK	RB50#0	8.98	9.875	19.21
			16-QAM	RB50#0	8.952	9.789	19.22
		HCH	QPSK	RB50#0	8.953	9.804	19.23
			16-QAM	RB50#0	8.959	9.788	19.24
	15 MHz	LCH	QPSK	RB75#0	13.415	14.67	19.25
			16-QAM	RB75#0	13.401	14.633	19.26
		MCH	QPSK	RB75#0	13.427	14.599	19.27
			16-QAM	RB75#0	13.432	14.587	19.28
		HCH	QPSK	RB75#0	13.419	14.681	19.29
			16-QAM	RB75#0	13.43	14.661	19.30
	20 MHz	LCH	QPSK	RB100#0	17.844	19.384	19.31
			16-QAM	RB100#0	17.865	19.444	19.32
		MCH	QPSK	RB100#0	17.9	19.442	19.33
			16-QAM	RB100#0	17.868	19.427	19.34
		HCH	QPSK	RB100#0	17.942	19.628	19.35
			16-QAM	RB100#0	17.929	19.44	19.36

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 38	5 MHz	LCH	QPSK	RB25#0	4.502	5.002	20.1
			16-QAM	RB25#0	4.506	4.975	20.2
		MCH	QPSK	RB25#0	4.507	4.946	20.3
			16-QAM	RB25#0	4.499	4.99	20.4
		HCH	QPSK	RB25#0	4.496	4.969	20.5
			16-QAM	RB25#0	4.507	4.999	20.6
	10 MHz	LCH	QPSK	RB50#0	8.993	9.822	20.7
			16-QAM	RB50#0	8.969	9.847	20.8
		MCH	QPSK	RB50#0	8.989	9.889	20.9
			16-QAM	RB50#0	8.982	9.783	20.10
		HCH	QPSK	RB50#0	8.98	9.92	20.11
			16-QAM	RB50#0	8.948	9.772	20.12
	15 MHz	LCH	QPSK	RB75#0	13.397	14.68	20.13
			16-QAM	RB75#0	13.481	14.738	20.14
		MCH	QPSK	RB75#0	13.465	14.716	20.15
			16-QAM	RB75#0	13.461	14.721	20.16
		HCH	QPSK	RB75#0	13.425	14.692	20.17
			16-QAM	RB75#0	13.491	14.774	20.18
	20 MHz	LCH	QPSK	RB100#0	17.922	19.561	20.19
			16-QAM	RB100#0	17.884	19.547	20.20
		MCH	QPSK	RB100#0	17.938	19.389	20.21
			16-QAM	RB100#0	17.907	19.562	20.22
		HCH	QPSK	RB100#0	17.892	19.424	20.23
			16-QAM	RB100#0	17.888	19.528	20.24

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 40 (2305-2315MHz)	5 MHz	LCH	QPSK	RB25#0	4.506	4.943	21.1
			16-QAM	RB25#0	4.506	4.98	21.2
		MCH	QPSK	RB25#0	4.506	4.947	21.3
			16-QAM	RB25#0	4.497	4.982	21.4
		HCH	QPSK	RB25#0	4.494	4.956	21.5
			16-QAM	RB25#0	4.506	4.994	21.6
	10 MHz	MCH	QPSK	RB50#0	8.985	9.904	21.7
			16-QAM	RB50#0	8.976	9.784	21.8

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 40 (2350-2360MHz)	5 MHz	LCH	QPSK	RB25#0	4.497	4.952	22.1
			16-QAM	RB25#0	4.509	5.035	22.2
		MCH	QPSK	RB25#0	4.509	4.959	22.3
			16-QAM	RB25#0	4.499	4.983	22.4
		HCH	QPSK	RB25#0	4.499	4.964	22.5
			16-QAM	RB25#0	4.51	5.003	22.6
	10 MHz	MCH	QPSK	RB50#0	8.98	9.883	22.7
			16-QAM	RB50#0	8.976	9.77	22.8

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 41	5 MHz	LCH	QPSK	RB25#0	4.508	5.129	23.1
			16-QAM	RB25#0	4.506	5.05	23.2
		MCH	QPSK	RB25#0	4.505	4.941	23.3
			16-QAM	RB25#0	4.495	4.981	23.4
		HCH	QPSK	RB25#0	4.498	4.962	23.5
			16-QAM	RB25#0	4.511	5.166	23.6
	10 MHz	LCH	QPSK	RB50#0	8.974	9.875	23.7
			16-QAM	RB50#0	8.971	9.792	23.8
		MCH	QPSK	RB50#0	8.967	9.919	23.9
			16-QAM	RB50#0	8.941	9.784	23.10
		HCH	QPSK	RB50#0	8.985	9.82	23.11
			16-QAM	RB50#0	8.97	9.829	23.12
	15 MHz	LCH	QPSK	RB75#0	13.443	14.696	23.13
			16-QAM	RB75#0	13.43	14.714	23.14
		MCH	QPSK	RB75#0	13.411	14.666	23.15
			16-QAM	RB75#0	13.478	14.742	23.16
		HCH	QPSK	RB75#0	13.386	14.661	23.17
			16-QAM	RB75#0	13.46	14.72	23.18
	20 MHz	LCH	QPSK	RB100#0	17.925	19.355	23.19
			16-QAM	RB100#0	17.881	19.509	23.20
		MCH	QPSK	RB100#0	17.865	19.445	23.21
			16-QAM	RB100#0	17.895	19.487	23.22
		HCH	QPSK	RB100#0	17.854	19.41	23.23
			16-QAM	RB100#0	17.82	19.404	23.24

A.4 Frequency Stability

A.4.1 Frequency Stability

WCDMA Band 2

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1852.4 MHz		MCH 1880 MHz		HCH 1907.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	13.22	±4631	6.84	±4700	2.17	±4769	Pass
	-20	15.08		6.17		2.51		
	-10	13.38		6.58		3.3		
	0	14.91		7		3.07		
	+10	15.23		6.14		3.8		
	+20	15		6.87		2.69		
	+25	14.52		-7.31		-2.78		
	+30	-14.43		7.07		3.42		
	+40	14.47		6.74		2.9		
	+50	13.9		6.37		2.78		
	+60	14.98		6.17		3.35		
	+70	20.63		8.85		2.95		
4.4	+25	14.79		8.41		3.13		
3.135	+25	15.45		8.22		4.05		

WCDMA Band 4

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1712.4 MHz		MCH 1732.4 MHz		HCH 1752.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	14.61	±4281	-0.82	±4331	-12.65	±4381.5	Pass
	-20	14.39		0.64		-11.29		
	-10	15.04		-0.63		-12.92		
	0	13.78		-0.79		-12.35		
	+10	14.63		-0.59		-12.37		
	+20	14.04		-0.38		-11.89		
	+25	13.83		1.16		11.97		
	+30	-13.63		-0.24		-11.52		
	+40	13.96		-1.19		-12.53		
	+50	13.17		-0.34		-12		
	+60	13.54		-1.01		-11.79		
	+70	24.82		1.01		-19.82		
4.4	+25	13.74		-0.29		-12.4		
3.135	+25	13.63		-0.74		-12.04		

WCDMA Band B5

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 826.4 MHz		MCH 836.4 MHz		HCH 846.6 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-0.98	±2066	-4.79	±2091	-4.12	±2116.5	Pass
	-20	-0.27		-3.89		-4.52		
	-10	0.73		-3.79		-3.99		
	0	-0.3		-3.28		-3.98		
	+10	0.67		-2.86		-3.81		
	+20	0.41		-3.15		-4.06		
	+25	0.79		3.18		3.87		
	+30	-0.77		-3.42		-3.52		
	+40	1.44		-3.02		-3.9		
	+50	0.57		-2.93		-3.58		
	+60	0.54		-2.97		-4.03		
	+70	-0.58		-4.27		-5.18		
4.4	+25	0.89		-2.47		-3.85		
3.135	+25	0.37		-3.1		-3.72		

LTE Band 2 QPSK 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1855 MHz		MCH 1880 MHz		HCH 1905 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-1.5	±4637.5	12.62	±4700	-8.73	±4762.5	Pass
	-20	-0.26		18.18		-2.43		
	-10	-0.41		7.22		-1.4		
	0	7.93		-1		-11.34		
	+10	-0.14		9.4		-2.78		
	+20	1.57		7.12		1.44		
	+25	-5.81		8.55		-9.06		
	+30	-0.3		1.2		-15.22		
	+40	-4.33		0.72		-9.63		
	+50	7.07		9.43		-8.75		
	+60	2.05		10.44		-7.52		
	+70	0.47		4.73		-6.04		
4.4	+25	-4.58		11.86		-4.85		
3.135	+25	7.93		9.86		-4.09		

LTE Band 2 16QAM 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1855 MHz		MCH 1880 MHz		HCH 1905 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-0.07	±4637.5	8.2	±4700	-0.54	±4762.5	Pass
	-20	0.96		5.52		-3.59		
	-10	-3.96		4.66		-7.3		
	0	-0.6		7.35		-7.01		
	+10	-1.62		2.8		-12.33		
	+20	-2.96		-1.85		-6.45		
	+25	1.72		8.58		-3.53		
	+30	2.27		13.55		-4.15		
	+40	6.67		13.73		-11.3		
	+50	2.98		6.47		1.99		
	+60	1.44		2.45		-9.98		
	+70	-2.93		-2.06		-11.06		
4.4	+25	4.25		1.19		-9.61		
3.135	+25	-4.61		7.93		-4.91		

LTE Band 4 QPSK 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1715 MHz		MCH 1732.5 MHz		HCH 1750 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-1.62	±4287.5	5.55	±4331.25	-5.88	±4375	Pass
	-20	5.94		7.9		-4.22		
	-10	3.3		2.49		-8.65		
	0	-2.35		6.94		-3.49		
	+10	-3.71		8.3		-3.56		
	+20	-7.27		1.86		-5.58		
	+25	-2.92		-1.17		-7.11		
	+30	5.08		8.87		-10.44		
	+40	-7.14		8.41		-8.33		
	+50	-5.58		7.4		-7.44		
	+60	-6.61		6.41		-9.28		
	+70	7.94		3.91		-13.55		
4.4	+25	0		11.83		-0.92		
3.135	+25	-8.8		5.98		-7.21		

LTE Band 4 16QAM 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1715 MHz		MCH 1732.5 MHz		HCH 1750 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	0.41	±4287.5	8.2	±4331.25	-10.73	±4375	Pass
	-20	-6.24		3.29		-12.32		
	-10	7.97		4.84		-3.25		
	0	-0.44		-0.33		-8.43		
	+10	-3.4		10.44		-10.21		
	+20	-2.99		4.22		-9.21		
	+25	-1.17		-0.72		-7.75		
	+30	-1.3		3.73		2.5		
	+40	-3.38		-1.72		-11.13		
	+50	-5.91		13.12		-6.97		
	+60	-5.58		-2.88		-11.56		
	+70	-6.35		10.61		-10.86		
4.4	+25	-0.23		-0.43		-9.24		
3.135	+25	-2.79		1.67		-11.4		

LTE Band 5 QPSK 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 829 MHz		MCH 836.5 MHz		HCH 844 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	0.57	±2072.5	-5.55	±2091.25	-5.61	±2110	Pass
	-20	-0.34		-1.4		-4.55		
	-10	-3.66		-0.69		-2.75		
	0	0.77		-2.37		-5.56		
	+10	-3.46		-0.73		-2.39		
	+20	-0.37		-3.49		-2.12		
	+25	1.54		0.4		-4.28		
	+30	-4.79		-5.89		-4.06		
	+40	-2.73		-5.59		-2.5		
	+50	-3.93		-5.42		-3.09		
	+60	-6.19		-1.16		-5.98		
	+70	-0.17		0.06		-2.65		
4.4	+25	-4.88		-0.86		-4.84		
3.135	+25	-2.63		-6.81		-4.95		

LTE Band 5 16QAM 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 829 MHz		MCH 836.5 MHz		HCH 844 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-5.25	±2072.5	-1.34	±2091.25	0.01	±2110	Pass
	-20	-1.37		-2.65		-5.39		
	-10	-1.5		-4.38		-6.15		
	0	-0.77		-2.68		-1.82		
	+10	-5.38		-1.34		-4.62		
	+20	-4.32		0.26		-3.23		
	+25	0.24		-6.38		-6.08		
	+30	-0.34		-2.36		-6.28		
	+40	-4.18		-3.48		0.23		
	+50	-0.46		-0.16		0.43		
	+60	-3.91		0.97		-1.8		
	+70	-5.41		-0.8		-6.57		
4.4	+25	-3.93		-2.66		-0.82		
3.135	+25	-3.39		-4.95		-5.29		

LTE Band 7 QPSK 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 2505 MHz		MCH 2535 MHz		HCH 2565 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	0.79	±6262.5	-0.66	±6337.5	3.48	±6412.5	Pass
	-20	-6.38		2.33		-2.98		
	-10	2.35		1.5		-5.05		
	0	-1.1		-2.53		1.04		
	+10	-0.14		-2.4		2.27		
	+20	-2.09		0.17		0.99		
	+25	-2.57		-4.46		6.38		
	+30	-2.83		-3.05		-3.52		
	+40	6.17		2.02		-0.49		
	+50	-0.44		0.9		-3		
	+60	-0.21		3.48		7.71		
	+70	0.82		7.25		7.62		
4.4	+25	-3.81		-0.16		-5.02		
3.135	+25	-2.27		-6.84		5.12		

LTE Band 7 16QAM 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 2505 MHz		MCH 2535 MHz		HCH 2565 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	2.39	±6262.5	3.12	±6337.5	1.73	±6412.5	Pass
	-20	-5.16		4.58		4.06		
	-10	2.4		-0.31		-3.81		
	0	-0.23		-1.85		-5.31		
	+10	-3.6		1.99		-2.85		
	+20	-6.05		6.81		-1.76		
	+25	-6.71		2.16		4.96		
	+30	-0.07		3		-2.5		
	+40	-2.62		4.65		-6.32		
	+50	-4.49		3.52		1.86		
	+60	0.94		-5.48		-0.09		
	+70	-0.19		1.27		1.09		
4.4	+25	1.17		-3.99		-0.3		
3.135	+25	-3.65		2.39		-1.3		

LTE Band 12 QPSK 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 704 MHz		MCH 707.5 MHz		HCH 711 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	4.71	±1760	-4.13	±1768.75	-3.29	±1777.5	Pass
	-20	1.16		-2.4		0.79		
	-10	4.23		-2		1.32		
	0	0.51		-5.14		4.01		
	+10	2.36		-5.36		1.76		
	+20	-0.56		-7.37		-0.94		
	+25	3.39		-2.33		-3.26		
	+30	3.03		-3.45		-1.32		
	+40	1.36		-3.32		0.27		
	+50	4.21		-6.12		-2.45		
	+60	3.6		-2.96		0.24		
	+70	0.89		0.01		-1.14		
4.4	+25	2.13		2.23		2.46		
3.135	+25	6.51		-1.47		0.17		

LTE Band 12 16QAM10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 704 MHz		MCH 707.5 MHz		HCH 711 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	5.99	±1760	-3.18	±1768.75	2.42	±1777.5	Pass
	-20	3.6		-4.05		-0.56		
	-10	5.25		-4.96		-0.92		
	0	6.52		-2		2.53		
	+10	6.24		-4.41		-0.13		
	+20	5.44		-1.17		-1.02		
	+25	0.43		-1.2		0.44		
	+30	0.3		1.03		-3.93		
	+40	3.12		-5.88		-0.8		
	+50	1.23		-1.03		3.32		
	+60	4.99		-4.18		3		
	+70	2.05		-0.7		-3.49		
4.4	+25	7.02		-0.41		-0.53		
3.135	+25	4.08		-4.46		-2.79		

LTE Band 13 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value (Hz)	Limits (Hz)	
3.3	-30	-3.6	±1955	Pass
	-20	-2.43		
	-10	-3.26		
	0	-3.25		
	+10	-4.35		
	+20	-3.22		
	+25	0.54		
	+30	-2.66		
	+40	-2		
	+50	-3.85		
	+60	-3.05		
	+70	-6.78		
4.4	+25	-2.65		
3.135	+25	-5.34		

LTE Band 13 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 782 MHz		
		Value (Hz)	Limits (Hz)	
3.3	-30	-5.31	±1955	Pass
	-20	-2.69		
	-10	0.27		
	0	1.16		
	+10	0.7		
	+20	-2.78		
	+25	-1.13		
	+30	-1.36		
	+40	-7.28		
	+50	-6.61		
	+60	-5.74		
	+70	-4.49		
4.4	+25	-6.22		
3.135	+25	-0.69		

LTE Band 14 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 793 MHz		
		Value (Hz)	Limits (Hz)	
3.3	-30	-2.82	±1982.5	Pass
	-20	-1.56		
	-10	-4.66		
	0	-1.53		
	+10	-3.56		
	+20	-1.32		
	+25	-4.91		
	+30	-2.92		
	+40	-4.84		
	+50	-3.56		
	+60	-1.92		
	+70	-3.43		
4.4	+25	-4.56		
3.135	+25	-1.12		

LTE Band 14 16QAM10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 793 MHz		
		Value (Hz)	Limits (Hz)	
3.3	-30	-4.41	±1982.5	Pass
	-20	-5.89		
	-10	-3.32		
	0	-0.34		
	+10	-2.45		
	+20	-1.46		
	+25	-4.02		
	+30	-4.75		
	+40	-5.32		
	+50	-2.3		
	+60	-1.63		
	+70	-3.15		
4.4	+25	-2.93		
3.135	+25	-5.31		

LTE Band 17 QPSK 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 709 MHz		MCH 710 MHz		HCH 711 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	0.21	±1772.5	-0.53	±1775	-2.19	±1777.5	Pass
	-20	-2.26		-0.51		0.57		
	-10	-1.79		0.54		1.99		
	0	-0.7		-0.56		0.31		
	+10	-1.34		0.84		-1.8		
	+20	-3.95		2.45		-1.66		
	+25	-4.46		1		-0.41		
	+30	1.46		1.2		0.13		
	+40	-5.55		3		2.76		
	+50	-2.45		1.29		3.78		
	+60	-0.03		1.39		3.35		
	+70	-4.56		3.03		1.54		
4.4	+25	-3.46		4.46		-3.53		
3.135	+25	-6.22		6.27		-3		

LTE Band 17 16QAM10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 709 MHz		MCH 710 MHz		HCH 711 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-0.36	±1772.5	6.19	±1775	-0.82	±1777.5	Pass
	-20	-0.49		-2.6		-1.49		
	-10	-3.08		-1.02		0.4		
	0	-5.69		-0.09		0.29		
	+10	-5.99		6.71		-0.44		
	+20	-5.44		-0.53		-1.79		
	+25	0.06		5.26		-3.35		
	+30	-4.91		4.06		-3.33		
	+40	-1.83		5.74		0.13		
	+50	-4.45		5.66		3.75		
	+60	1.02		2.23		0.06		
	+70	-3.2		-0.84		-0.06		
4.4	+25	-7.04		5.45		-3.79		
3.135	+25	-0.09		4.32		3.23		

LTE Band 18(824-830MHz) QPSK 5 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 826.5 MHz		MCH 827 MHz		HCH 827.5 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	2.03	±2066.25	3.63	±2067.5	-3.19	±2068.75	Pass
	-20	-1.62		4.56		1.22		
	-10	0.82		2.25		-4.63		
	0	0.66		0.1		-1.92		
	+10	4.88		1.47		-3.03		
	+20	-2.9		-1.47		-4.26		
	+25	-2.25		2.1		-1.33		
	+30	-1.42		1.32		-5.41		
	+40	3.46		5.25		-0.34		
	+50	-3.1		5.01		-5.44		
	+60	2.2		-0.6		-0.63		
	+70	-3.49		3.33		-1.65		
4.4	+25	-1.9		2.39		-6.41		
3.135	+25	2.83		3.89		-2.82		

LTE Band 18(824-830MHz) 16QAM 5 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 826.5 MHz		MCH 827 MHz		HCH 827.5 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-2.26	±2066.25	5.12	±2067.5	-3.86	±2068.75	Pass
	-20	0.62		3.49		1.03		
	-10	2.95		1.47		-5.31		
	0	-1.17		-0.13		-2.89		
	+10	-0.31		0.66		-3.46		
	+20	-3.3		2.36		0.77		
	+25	-2.93		3.6		-3.63		
	+30	0.7		1.87		-1.62		
	+40	2.4		3.13		-5.91		
	+50	-0.7		4.84		-2.49		
	+60	3.66		4.59		-5.92		
	+70	-0.26		0.24		1.49		
4.4	+25	-1.93		4.94		-2.89		
3.135	+25	-1.65		4.73		-4.86		

LTE Band 18(815-824MHz) QPSK 5 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 817.5 MHz		MCH 819.5 MHz		HCH 821.5 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	0.64	±2043.75	2.37	±2048.75	-5.28	±2053.75	Pass
	-20	2.19		4.11		-7.42		
	-10	-5.41		-0.47		-3.99		
	0	1.92		-0.3		-3.42		
	+10	-1.93		1.07		-0.29		
	+20	-0.51		6.07		0.62		
	+25	0.37		5.66		-0.03		
	+30	0.72		-1.16		-0.96		
	+40	0.41		4.02		1.87		
	+50	3.19		2.98		0.74		
	+60	3.28		3.39		-5.48		
	+70	0.82		1.13		-0.67		
4.4	+25	-0.64		3.22		-3.88		
3.135	+25	-1.4		6.15		-5.29		

LTE Band 18(815-824MHz) 16QAM 5 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 817.5 MHz		MCH 819.5 MHz		HCH 821.5 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	2.17	±2043.75	-0.26	±2048.75	-4.62	±2053.75	Pass
	-20	0.93		3.1		-3.55		
	-10	-0.4		3.3		-4.63		
	0	1.87		1.8		-1.06		
	+10	1.42		6.61		-0.01		
	+20	2.79		6.57		-3.23		
	+25	1.36		-0.83		-2.42		
	+30	2.57		0.13		-4.33		
	+40	-1.56		-0.73		-0.24		
	+50	0.47		5.81		-4.99		
	+60	-1.09		5.72		0.8		
	+70	-2.88		2.68		-2.55		
4.4	+25	-0.4		1.29		-6.58		
3.135	+25	-2.3		0.69		-5.59		

LTE Band 19 QPSK 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 835 MHz		MCH 837.5 MHz		HCH 840 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-2.65	±2087.5	1.3	±2093.75	-3.26	±2100	Pass
	-20	-1.04		2.06		1.66		
	-10	-4.86		5.89		-1.65		
	0	0.86		4.22		2.49		
	+10	-5.36		4.13		1.44		
	+20	-3.55		0.62		0.36		
	+25	-5.98		0.72		0.7		
	+30	-1.85		1.79		0.56		
	+40	-4.25		3.68		0.13		
	+50	-4.94		3.02		-1.14		
	+60	1.2		5.54		3.72		
	+70	-2.26		-0.13		-1.7		
4.4	+25	-4.33		2.72		-0.84		
3.135	+25	-1.66		0.8		-0.37		

LTE Band 19 16QAM 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 835 MHz		MCH 837.5 MHz		HCH 840 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-5.62	±2087.5	-0.87	±2093.75	-2.79	±2100	Pass
	-20	-5.14		-0.06		4.68		
	-10	-7		6.01		2.83		
	0	-3.66		5.75		2.05		
	+10	0.29		-1.13		1.85		
	+20	-4.12		3.63		-0.5		
	+25	-6.21		4.21		1.97		
	+30	-1.63		2.95		-1.73		
	+40	-1.97		5.26		-1.5		
	+50	-0.86		0.41		3.62		
	+60	-3.98		3.65		0.34		
	+70	-3.82		4.73		-0.37		
4.4	+25	-1.07		3		-2.8		
3.135	+25	-3		-1.46		1.76		

LTE Band 25 QPSK 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1855 MHz		MCH 1882.5 MHz		HCH 1910 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-1.06	±4637.5	-8.3	±4706.25	5.11	±4775	Pass
	-20	-6.78		-8.44		6.72		
	-10	5.51		2.45		5.64		
	0	-2.03		-4.71		1.54		
	+10	-3.29		-5.71		6.11		
	+20	-4.55		-10.61		4.61		
	+25	6.81		2.32		4.23		
	+30	-0.87		-0.73		8.45		
	+40	3.89		-10.79		0.3		
	+50	3.82		-0.89		12.79		
	+60	6.34		-12.22		-0.24		
	+70	-5.76		-1.83		1.39		
4.4	+25	1.56		-2.42		4.28		
3.135	+25	-4.46		-2.63		7.41		

LTE Band 25 16QAM 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1855 MHz		MCH 1882.5 MHz		HCH 1910 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	0.21	±4637.5	-4.08	±4706.25	13.3	±4775	Pass
	-20	3.5		0.11		5.22		
	-10	1.32		-6.68		-1.97		
	0	8.5		-3.29		11.84		
	+10	2		-7.87		0.5		
	+20	-6.81		-1.02		13.05		
	+25	1.26		-2.57		2.2		
	+30	-5.69		-0.83		3.42		
	+40	-5.25		-2.45		10.87		
	+50	-1.67		-3.32		5.01		
	+60	3.73		-0.96		13.82		
	+70	-3.28		-5.18		4.49		
4.4	+25	1.29		-6.72		5.92		
3.135	+25	5.88		-0.37		2.19		

LTE Band 26 (824-849MHz) QPSK 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 829 MHz		MCH 836.5MHz		HCH 844 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-0.72	±2072.5	-1.06	±2091.25	-3.1	±2110	Pass
	-20	-5.12		-5.82		-0.51		
	-10	-3.72		-3.82		-3.29		
	0	-2.02		-3.16		-4.86		
	+10	-2.26		-2.19		0.51		
	+20	-5.38		-4.85		-4.78		
	+25	-3.08		-3.92		-2.62		
	+30	0.17		0.53		-6.18		
	+40	-6.02		-3.6		-4.98		
	+50	-3.13		-1.09		-4.72		
	+60	-1.52		0.79		-4.28		
	+70	-3.26		-3.89		-0.82		
4.4	+25	-6.62		-1.77		-1.13		
3.135	+25	-0.26		-5.35		-3.62		

LTE Band 26 (824-849MHz) 16QAM 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 829 MHz		MCH 836.5MHz		HCH 844 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-1.12	±2072.5	-4.19	±2091.25	-2.33	±2110	Pass
	-20	0.93		-6.12		-7.75		
	-10	-3.63		-4.95		-3.5		
	0	-5.65		-5.94		-3.85		
	+10	-1.07		-4.59		-3		
	+20	-0.86		-0.31		-2.83		
	+25	-6.09		-1.97		-3.98		
	+30	-6.18		0.16		-5.69		
	+40	-2.36		-4.22		-3.38		
	+50	-3.23		-6.14		-2.9		
	+60	0.14		-2.53		-3.72		
	+70	-5.32		-4.66		-2.9		
4.4	+25	-5.75		-2.62		-5.39		
3.135	+25	-4.32		-2.95		1.23		

LTE Band 26 (814-824MHz) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value (Hz)	Limits (Hz)	
3.3	-30	-5.82	±2091.25	Pass
	-20	-1.96		
	-10	-3.1		
	0	-6.97		
	+10	-3.38		
	+20	-5.32		
	+25	-4.86		
	+30	-5.49		
	+40	-3.85		
	+50	-2.79		
	+60	-3.75		
	+70	-7.78		
4.4	+25	-8.03		
3.135	+25	-5.16		

LTE Band 26 (814-824MHz) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 819 MHz		
		Value (Hz)	Limits (Hz)	
3.3	-30	-5.61	±2091.25	Pass
	-20	-1.67		
	-10	-3.93		
	0	-6.51		
	+10	-2.68		
	+20	-4.11		
	+25	-4.22		
	+30	-6.15		
	+40	-5.52		
	+50	-1.65		
	+60	-7.18		
	+70	-6.37		
4.4	+25	-6.62		
3.135	+25	-8.1		

LTE Band 30 QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2310MHz		
		Value (Hz)	Limits (Hz)	
3.3	-30	1.24	±5775	Pass
	-20	-3.83		
	-10	-4.45		
	0	1.92		
	+10	-3.79		
	+20	-2.29		
	+25	-2.95		
	+30	-0.49		
	+40	-0.59		
	+50	1.66		
	+60	-2.57		
	+70	-1.97		
4.4	+25	5.14		
3.135	+25	3.96		

LTE Band 30 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2310MHz		
		Value (Hz)	Limits (Hz)	
3.3	-30	-2.25	±5775	Pass
	-20	-6.72		
	-10	-7.51		
	0	0.79		
	+10	-5.65		
	+20	-2.35		
	+25	-6.21		
	+30	-4.35		
	+40	-0.6		
	+50	-7.6		
	+60	-3		
	+70	-1.79		
4.4	+25	-2.82		
3.135	+25	-5.28		

LTE Band 66 QPSK 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1715MHz		MCH 1745 MHz		HCH 1775 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	3.85	±4287.5	-1.43	±4362.5	3.3	±4437.5	Pass
	-20	2.68		1.76		-0.96		
	-10	2.4		0.09		-3.49		
	0	2.55		-1.44		-3		
	+10	0.74		-8.05		-0.07		
	+20	4.72		-1.12		2.86		
	+25	1.03		1.43		-5.65		
	+30	-5.01		-1.97		4.08		
	+40	-7.44		1.5		1.22		
	+50	7.65		0.54		1.97		
	+60	0.1		3.76		-4.62		
	+70	-0.31		-2.78		-1.82		
4.4	+25	2.63		1.54		-4.28		
3.135	+25	7.17		0.37		-1.17		

LTE Band 66 16QAM 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 1715MHz		MCH 1745 MHz		HCH 1775 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	5.69	±4287.5	1.14	±4362.5	-4.75	±4437.5	Pass
	-20	-1.86		-3.96		-5.98		
	-10	-4.11		2.23		-1.73		
	0	-6.54		-1.47		-6.81		
	+10	-2.3		3.73		-4.22		
	+20	-0.13		-5.35		-7.51		
	+25	2.66		-1.5		-5.88		
	+30	-6.25		-2.35		-2.33		
	+40	0.77		4.58		-5.65		
	+50	6.58		-2.73		-7.7		
	+60	4.03		-4.68		0.96		
	+70	-0.74		6.88		2.29		
4.4	+25	-1.46		-3.49		3.26		
3.135	+25	3.05		-6.59		-7.4		

LTE Band 38 QPSK 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 2575 MHz		MCH 2595 MHz		HCH 2615 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	6.24	±6437.5	0.56	±6487.5	-13.23	±6537.5	Pass
	-20	5.39		-0.72		-4.94		
	-10	8.9		-0.06		-11.73		
	0	1.95		3.26		-9.43		
	+10	5.72		3.29		-10.84		
	+20	9.43		1.12		-11.5		
	+25	6.45		-5.41		-12.86		
	+30	6.55		5.09		-5.75		
	+40	1.06		-4.32		-7.17		
	+50	5.42		5.35		-14.29		
	+60	8.17		-0.59		-14.25		
	+70	4.03		-1.17		-10.4		
4.4	+25	10.4		1.17		-7.35		
3.135	+25	1.85		-5.41		-9.7		

LTE Band 38 16QAM 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 2575 MHz		MCH 2595 MHz		HCH 2615 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	3.05	±6437.5	4.69	±6487.5	-9.48	±6537.5	Pass
	-20	4.92		5.18		-12.96		
	-10	11.52		-5.98		-9.8		
	0	10.84		-4.29		-12.23		
	+10	4.09		0.43		-11.47		
	+20	10.91		-1.3		-5.51		
	+25	0.16		2.27		-6.82		
	+30	2.86		1.89		-9.27		
	+40	7.11		3.39		-13.45		
	+50	7.3		-2.06		-7.52		
	+60	1.17		6.85		-8.21		
	+70	1.22		3.85		-12.03		
4.4	+25	0.84		-5.15		-7.34		
3.135	+25	-0.73		-2.53		-6.54		

LTE Band 40(2305-2315MHz) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2310MHz		
		Value (Hz)	Limits (Hz)	
3.3	-30	0.36	±5775	Pass
	-20	2.32		
	-10	-2.22		
	0	1.34		
	+10	-0.73		
	+20	-0.14		
	+25	0.84		
	+30	-2.39		
	+40	3.38		
	+50	-3.42		
	+60	4.69		
	+70	-7.91		
4.4	+25	0.86		
3.135	+25	5.44		

LTE Band 40(2305-2315MHz) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2310MHz		
		Value (Hz)	Limits (Hz)	
3.3	-30	-1.69	±5775	Pass
	-20	1.46		
	-10	-1.66		
	0	2.35		
	+10	0.03		
	+20	5.49		
	+25	4.28		
	+30	0.73		
	+40	-1.72		
	+50	1.77		
	+60	6.69		
	+70	3.83		
4.4	+25	1.54		
3.135	+25	2.6		

LTE Band 40(2350-2360MHz) QPSK 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2355MHz		
		Value (Hz)	Limits (Hz)	
3.3	-30	5.99	±5887.5	Pass
	-20	-4.48		
	-10	0.69		
	0	1.52		
	+10	-1.73		
	+20	-3.5		
	+25	-3.3		
	+30	1.43		
	+40	1.07		
	+50	-3.22		
	+60	2.82		
	+70	-4.76		
4.4	+25	-1.93		
3.135	+25	1.47		

LTE Band 40(2350-2360MHz) 16QAM 10 MHz

Test Conditions		Frequency Deviation		Verdict
Power (VDC)	Temperature (°C)	MCH 2355MHz		
		Value (Hz)	Limits (Hz)	
3.3	-30	7.8	±5887.5	Pass
	-20	4.56		
	-10	0.94		
	0	-5.81		
	+10	5.16		
	+20	-5.51		
	+25	-2.68		
	+30	-4.38		
	+40	-0.1		
	+50	-1.93		
	+60	2.99		
	+70	0.82		
4.4	+25	-0.94		
3.135	+25	0.14		

LTE Band 41 QPSK 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 2501 MHz		MCH 2593 MHz		HCH 2685 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-8.47	±6252.5	4.76	±6482.5	-4.68	±6712.5	Pass
	-20	-6.69		0.9		-3.18		
	-10	-3.62		4.41		-5.64		
	0	-9.74		3.29		-5.72		
	+10	-10.07		11.7		-0.23		
	+20	-12.79		0.56		3.95		
	+25	-12.07		4.21		4.96		
	+30	-1.9		11.17		0.97		
	+40	-6.49		3.75		3.58		
	+50	-11.54		8.96		4.45		
	+60	-11.99		7.07		-7.1		
	+70	-6.85		5.45		1.39		
4.4	+25	-6.97		1.89		-4.06		
3.135	+25	-10.46		7.55		-5.94		

LTE Band 41 16QAM 10 MHz

Test Conditions		Frequency Deviation						Verdict
Power (VDC)	Temperature (°C)	LCH 2501 MHz		MCH 2593 MHz		HCH 2685 MHz		
		Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	Value (Hz)	Limits (Hz)	
3.3	-30	-7.04	±6252.5	5.14	±6482.5	-6.49	±6712.5	Pass
	-20	-8.03		3.92		-1.96		
	-10	-6.82		4.71		-2.47		
	0	-6.87		9.68		-3.83		
	+10	-1.79		1.87		-5.91		
	+20	-7.78		0.36		4.46		
	+25	0.5		-1.32		-3.25		
	+30	-9.87		11.2		-8.24		
	+40	-0.37		0.47		-1.3		
	+50	-1.49		6.84		-3.48		
	+60	-4.26		8.84		0.66		
	+70	-8.3		3.82		-0.59		
4.4	+25	-4.02		0.13		3.32		
3.135	+25	-3.42		11.04		3.32		

A.4.2 Frequency Range

Note1: Only for relevant requirements of RSS standard.

Note2: Test plots please refer to the document “Annex No.:22TJ0350-501 Data Part 4.1.pdf”.

Note3: Test plots please refer to the document “Annex No.:22TJ0350-501 Data Part 4.2.pdf”.

LTE Mode Test Verdict

LTE B2								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	1850.5310	1850	1.1	1909.4511	1910	1.1	Pass
	-20	1850.5387		1.2	1909.4511		1.2	Pass
	-10	1850.5336		1.3	1909.4409		1.3	Pass
	0	1850.5361		1.4	1909.4511		1.4	Pass
	+10	1850.5336		1.5	1909.4486		1.5	Pass
	+20	1850.5336		1.6	1909.4511		1.6	Pass
	+25	1850.5310		1.7	1909.4486		1.7	Pass
	+30	1850.5310		1.8	1909.4511		1.8	Pass
	+40	1850.5336		1.9	1909.4511		1.9	Pass
	+50	1850.5310		1.10	1909.4536		1.10	Pass
	+60	1850.5336		1.11	1909.4511		1.11	Pass
	+70	1850.5361		1.12	1909.4486		1.12	Pass
3.135	+25	1850.5387		1.13	1909.4460		1.13	Pass
4.4	+25	1850.5387		1.14	1909.4511		1.14	Pass

LTE B4								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	1710.5387	1710	2.1	1754.4511	1755	2.1	Pass
	-20	1710.5336		2.2	1754.4486		2.2	Pass
	-10	1710.5361		2.3	1754.4460		2.3	Pass
	0	1710.5361		2.4	1754.4562		2.4	Pass
	+10	1710.5387		2.5	1754.4562		2.5	Pass
	+20	1710.5361		2.6	1754.4511		2.6	Pass
	+25	1710.5387		2.7	1754.4511		2.7	Pass
	+30	1710.5361		2.8	1754.4536		2.8	Pass
	+40	1710.5387		2.9	1754.4460		2.9	Pass
	+50	1710.5387		2.10	1754.4536		2.10	Pass
	+60	1710.5490		2.11	1754.4536		2.11	Pass
	+70	1710.5438		2.12	1754.4536		2.12	Pass
3.135	+25	1710.5387		2.13	1754.4511		2.13	Pass
4.4	+25	1710.5361		2.14	1754.4511		2.14	Pass

LTE B5								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	824.5387	824	3.1	848.4485	849	3.1	Pass
	-20	824.5336		3.2	848.4409		3.2	Pass
	-10	824.5387		3.3	848.4460		3.3	Pass
	0	824.5413		3.4	848.4409		3.4	Pass
	+10	824.5387		3.5	848.4435		3.5	Pass
	+20	824.5361		3.6	848.4409		3.6	Pass
	+25	824.5387		3.7	848.4485		3.7	Pass
	+30	824.5361		3.8	848.4409		3.8	Pass
	+40	824.5438		3.9	848.4485		3.9	Pass
	+50	824.5361		3.10	848.4384		3.10	Pass
	+60	824.5285		3.11	848.4435		3.11	Pass
	+70	824.5336		3.12	848.4307		3.12	Pass
3.135	+25	824.5336		3.13	848.4485		3.13	Pass
4.4	+25	824.5413		3.14	848.4435		3.14	Pass

LTE B7								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	2500.5437	2500	4.1	2569.4434	2570	4.1	Pass
	-20	2500.5337		4.2	2569.4512		4.2	Pass
	-10	2500.5388		4.3	2569.4358		4.3	Pass
	0	2500.5413		4.4	2569.4409		4.4	Pass
	+10	2500.5388		4.5	2569.4536		4.5	Pass
	+20	2500.5337		4.6	2569.4536		4.6	Pass
	+25	2500.5337		4.7	2569.4382		4.7	Pass
	+30	2500.5337		4.8	2569.4485		4.8	Pass
	+40	2500.5388		4.9	2569.4536		4.9	Pass
	+50	2500.5337		4.10	2569.4512		4.10	Pass
	+60	2500.5337		4.11	2569.4409		4.11	Pass
	+70	2500.5361		4.12	2569.4536		4.12	Pass
3.135	+25	2500.5337		4.13	2569.4512		4.13	Pass
4.4	+25	2500.5413		4.14	2569.4358		4.14	Pass

LTE B12								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	699.5438	699	5.1	715.4511	716	5.1	Pass
	-20	699.5387		5.2	715.4511		5.2	Pass
	-10	699.5438		5.3	715.4460		5.3	Pass
	0	699.5413		5.4	715.4485		5.4	Pass
	+10	699.5438		5.5	715.4485		5.5	Pass
	+20	699.5438		5.6	715.4537		5.6	Pass
	+25	699.5413		5.7	715.4511		5.7	Pass
	+30	699.5387		5.8	715.4485		5.8	Pass
	+40	699.5438		5.9	715.4409		5.9	Pass
	+50	699.5387		5.10	715.4511		5.10	Pass
	+60	699.5413		5.11	715.4435		5.11	Pass
	+70	699.5489		5.12	715.4511		5.12	Pass
3.135	+25	699.5515		5.13	715.4511		5.13	Pass
4.4	+25	699.5489		5.14	715.4537		5.14	Pass

LTE B13								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	777.5540	777	6.1	786.4460	787	6.1	Pass
	-20	777.5515		6.2	786.4511		6.2	Pass
	-10	777.5463		6.3	786.4511		6.3	Pass
	0	777.5489		6.4	786.4435		6.4	Pass
	+10	777.5565		6.5	786.4511		6.5	Pass
	+20	777.5540		6.6	786.4511		6.6	Pass
	+25	777.5515		6.7	786.4511		6.7	Pass
	+30	777.5489		6.8	786.4511		6.8	Pass
	+40	777.5591		6.9	786.4511		6.9	Pass
	+50	777.5540		6.10	786.4485		6.10	Pass
	+60	777.5591		6.11	786.4485		6.11	Pass
	+70	777.5591		6.12	786.4511		6.12	Pass
3.135	+25	777.5540		6.13	786.4511		6.13	Pass
4.4	+25	777.5591		6.14	786.4511		6.14	Pass

LTE B14								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	788.5438	788	7.1	797.4485	798	7.1	Pass
	-20	788.5413		7.2	797.4485		7.2	Pass
	-10	788.5438		7.3	797.4511		7.3	Pass
	0	788.5361		7.4	797.4460		7.4	Pass
	+10	788.5413		7.5	797.4435		7.5	Pass
	+20	788.5463		7.6	797.4460		7.6	Pass
	+25	788.5438		7.7	797.4409		7.7	Pass
	+30	788.5361		7.8	797.4485		7.8	Pass
	+40	788.5336		7.9	797.4485		7.9	Pass
	+50	788.5336		7.10	797.4511		7.10	Pass
	+60	788.5387		7.11	797.4485		7.11	Pass
	+70	788.5489		7.12	797.4485		7.12	Pass
3.135	+25	788.5413		7.13	797.4511		7.13	Pass
4.4	+25	788.5413		7.14	797.4511		7.14	Pass

LTE B17								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	704.5361	704	8.1	715.4613	716	8.1	Pass
	-20	704.5438		8.2	715.4537		8.2	Pass
	-10	704.5413		8.3	715.4587		8.3	Pass
	0	704.5413		8.14	715.4485		8.4	Pass
	+10	704.5413		8.4	715.4485		8.5	Pass
	+20	704.5438		8.5	715.4587		8.6	Pass
	+25	704.5336		8.6	715.4587		8.7	Pass
	+30	704.5438		8.7	715.4537		8.8	Pass
	+40	704.5413		8.8	715.4562		8.9	Pass
	+50	704.5361		8.9	715.4511		8.10	Pass
	+60	704.5438		8.10	715.4511		8.11	Pass
	+70	704.5361		8.11	715.4511		8.12	Pass
3.135	+25	704.5489		8.12	715.4511		8.13	Pass
4.4	+25	704.5438		8.13	715.4562		8.14	Pass

LTE B25								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	1850.5336	1850	9.1	1914.4511	1915	9.1	Pass
	-20	1850.5361		9.2	1914.4536		9.2	Pass
	-10	1850.5336		9.3	1914.4536		9.3	Pass
	0	1850.5336		9.4	1914.4536		9.4	Pass
	+10	1850.5310		9.5	1914.4536		9.5	Pass
	+20	1850.5361		9.6	1914.4562		9.6	Pass
	+25	1850.5336		9.7	1914.4536		9.7	Pass
	+30	1850.5336		9.8	1914.4486		9.8	Pass
	+40	1850.5336		9.9	1914.4486		9.9	Pass
	+50	1850.5310		9.10	1914.4562		9.10	Pass
	+60	1850.5361		9.11	1914.4536		9.11	Pass
	+70	1850.5336		9.12	1914.4562		9.12	Pass
3.135	+25	1850.5284		9.13	1914.4562		9.13	Pass
4.4	+25	1850.5361		9.14	1914.4536		9.14	Pass

LTE B26								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	824.5438	824	10.1	848.4511	849	10.1	Pass
	-20	824.5413		10.2	848.4485		10.2	Pass
	-10	824.5438		10.3	848.4537		10.3	Pass
	0	824.5361		10.4	848.4409		10.4	Pass
	+10	824.5336		10.5	848.4409		10.5	Pass
	+20	824.5463		10.6	848.4460		10.6	Pass
	+25	824.5387		10.7	848.4562		10.7	Pass
	+30	824.5387		10.8	848.4511		10.8	Pass
	+40	824.5361		10.9	848.4485		10.9	Pass
	+50	824.5361		10.10	848.4511		10.10	Pass
	+60	824.5387		10.11	848.4511		10.11	Pass
	+70	824.5336		10.12	848.4511		10.12	Pass
3.135	+25	824.5438		10.13	848.4485		10.13	Pass
4.4	+25	824.5336		10.14	848.4537		10.14	Pass

LTE B30								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	2305.5361	2305	11.1	2314.4612	2315	11.1	Pass
	-20	2305.5464		11.2	2314.4563		11.2	Pass
	-10	2305.5437		11.3	2314.4536		11.3	Pass
	0	2305.5413		11.4	2314.4639		11.4	Pass
	+10	2305.5413		11.5	2314.4587		11.5	Pass
	+20	2305.5388		11.6	2314.4512		11.6	Pass
	+25	2305.5388		11.7	2314.4587		11.7	Pass
	+30	2305.5437		11.8	2314.4612		11.8	Pass
	+40	2305.5413		11.9	2314.4512		11.9	Pass
	+50	2305.5464		11.10	2314.4612		11.10	Pass
	+60	2305.5388		11.11	2314.4639		11.11	Pass
	+70	2305.5413		11.12	2314.4536		11.12	Pass
3.135	+25	2305.5413		11.13	2314.4587		11.13	Pass
4.4	+25	2305.5413		11.14	2314.4512		11.14	Pass

LTE B66								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	1710.5438	1710	12.1	1779.4511	1780	12.1	Pass
	-20	1710.5361		12.2	1779.4511		12.2	Pass
	-10	1710.5361		12.3	1779.4511		12.3	Pass
	0	1710.5361		12.4	1779.4536		12.4	Pass
	+10	1710.5438		12.5	1779.4511		12.5	Pass
	+20	1710.5361		12.6	1779.4511		12.6	Pass
	+25	1710.5361		12.7	1779.4562		12.7	Pass
	+30	1710.5387		12.8	1779.4613		12.8	Pass
	+40	1710.5413		12.9	1779.4511		12.9	Pass
	+50	1710.5336		12.10	1779.4587		12.10	Pass
	+60	1710.5361		12.11	1779.4435		12.11	Pass
	+70	1710.5387		12.12	1779.4511		12.12	Pass
3.135	+25	1710.5361		12.13	1779.4511		12.13	Pass
4.4	+25	1710.5361		12.14	1779.4511		12.14	Pass

LTE B38								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	2570.5337	2570	13.1	2619.4382	2620	13.1	Pass
	-20	2570.5388		13.2	2619.4485		13.2	Pass
	-10	2570.5388		13.3	2619.4512		13.3	Pass
	0	2570.5413		13.4	2619.4460		13.4	Pass
	+10	2570.5413		13.5	2619.4512		13.5	Pass
	+20	2570.5337		13.6	2619.4434		13.6	Pass
	+25	2570.5388		13.7	2619.4485		13.7	Pass
	+30	2570.5388		13.8	2619.4434		13.8	Pass
	+40	2570.5437		13.9	2619.4485		13.9	Pass
	+50	2570.5286		13.10	2619.4434		13.10	Pass
	+60	2570.5515		13.11	2619.4434		13.11	Pass
	+70	2570.5488		13.12	2619.4409		13.12	Pass
3.135	+25	2570.5361		13.13	2619.4485		13.13	Pass
4.4	+25	2570.5388		13.14	2619.4536		13.14	Pass

LTE B40a								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	2305.5361	2305	14.1	2314.4485	2315	14.1	Pass
	-20	2305.5437		14.2	2314.4485		14.2	Pass
	-10	2305.5464		14.3	2314.4612		14.3	Pass
	0	2305.5464		14.4	2314.4409		14.4	Pass
	+10	2305.5388		14.5	2314.4485		14.5	Pass
	+20	2305.5796		14.6	2314.4512		14.6	Pass
	+25	2305.5361		14.7	2314.4485		14.7	Pass
	+30	2305.5464		14.8	2314.4485		14.8	Pass
	+40	2305.5337		14.9	2314.4485		14.9	Pass
	+50	2305.5388		14.10	2314.4460		14.10	Pass
	+60	2305.5388		14.11	2314.4460		14.11	Pass
	+70	2305.5464		14.12	2314.4536		14.12	Pass
3.135	+25	2305.5388		14.13	2314.4563		14.13	Pass
4.4	+25	2305.5388		14.14	2314.4434		14.14	Pass

LTE B40b								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	2350.5388	2350	15.1	2359.4460	2360	15.1	Pass
	-20	2350.5337		15.2	2359.4512		15.2	Pass
	-10	2350.5464		15.3	2359.4434		15.3	Pass
	0	2350.5388		15.4	2359.4485		15.4	Pass
	+10	2350.5337		15.5	2359.4460		15.5	Pass
	+20	2350.5337		15.6	2359.4563		15.6	Pass
	+25	2350.5413		15.7	2359.4485		15.7	Pass
	+30	2350.5388		15.8	2359.4460		15.8	Pass
	+40	2350.5337		15.9	2359.4460		15.9	Pass
	+50	2350.5413		15.10	2359.4563		15.10	Pass
	+60	2350.5488		15.11	2359.4612		15.11	Pass
	+70	2350.5488		15.12	2359.4536		15.12	Pass
3.135	+25	2350.5464		15.13	2359.4563		15.13	Pass
4.4	+25	2350.5413		15.14	2359.4460		15.14	Pass

LTE B41								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	2500.5388	2500	16.1	2689.4460	2690	16.1	Pass
	-20	2500.5361		16.2	2689.4485		16.2	Pass
	-10	2500.5437		16.3	2689.4536		16.3	Pass
	0	2500.5361		16.4	2689.4512		16.4	Pass
	+10	2500.5361		16.5	2689.4485		16.5	Pass
	+20	2500.5464		16.6	2689.4460		16.6	Pass
	+25	2500.5388		16.7	2689.4485		16.7	Pass
	+30	2500.5413		16.8	2689.4512		16.8	Pass
	+40	2500.5388		16.9	2689.4512		16.9	Pass
	+50	2500.5488		16.10	2689.4512		16.10	Pass
	+60	2500.5361		16.11	2689.4512		16.11	Pass
	+70	2500.5413		16.12	2689.4512		16.12	Pass
3.135	+25	2500.5488		16.13	2689.4512		16.13	Pass
4.4	+25	2500.5437		16.14	2689.4485		16.14	Pass

WCDMA Mode Test Verdict

WCDMA B2								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	1850.3303	1850	17.1	1909.6646	1910	17.1	Pass
	-20	1850.3279		17.2	1909.6620		17.2	Pass
	-10	1850.3176		17.3	1909.6594		17.3	Pass
	0	1850.3253		17.4	1909.6697		17.4	Pass
	+10	1850.3279		17.5	1909.6594		17.5	Pass
	+20	1850.3279		17.6	1909.6697		17.6	Pass
	+25	1850.3253		17.7	1909.6620		17.7	Pass
	+30	1850.3202		17.8	1909.6646		17.8	Pass
	+40	1850.3253		17.9	1909.6671		17.9	Pass
	+50	1850.3279		17.10	1909.6646		17.10	Pass
	+60	1850.3228		17.11	1909.6671		17.11	Pass
	+70	1850.3228		17.12	1909.6671		17.12	Pass
3.135	+25	1850.3202		17.13	1909.6697		17.13	Pass
4.4	+25	1850.3176		17.14	1909.6594		17.14	Pass

WCDMA B4								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	1710.3303	1710	18.1	1754.6620	1755	18.1	Pass
	-20	1710.3380		18.2	1754.6620		18.2	Pass
	-10	1710.3354		18.3	1754.6620		18.3	Pass
	0	1710.3279		18.4	1754.6721		18.4	Pass
	+10	1710.3380		18.5	1754.6594		18.5	Pass
	+20	1710.3354		18.6	1754.6646		18.6	Pass
	+25	1710.3329		18.7	1754.6697		18.7	Pass
	+30	1710.3354		18.8	1754.6671		18.8	Pass
	+40	1710.3329		18.9	1754.6646		18.9	Pass
	+50	1710.3279		18.10	1754.6671		18.10	Pass
	+60	1710.3380		18.11	1754.6721		18.11	Pass
	+70	1710.3303		18.12	1754.6697		18.12	Pass
3.135	+25	1710.3354		18.13	1754.6646		18.13	Pass
4.4	+25	1710.3303		18.14	1754.6620		18.14	Pass

WCDMA B5								
Test Condition		LeftEdge (MHz)	Limit (MHz)	Refer to Plot[Note 2]	RightEdge (MHz)	Limit (MHz)	Refer to Plot[Note 3]	Verdict
Power (VDC)	Temperature (℃)							
3.3	-30	824.3228	824	19.1	848.6569	849	19.1	Pass
	-20	824.3253		19.2	848.6569		19.2	Pass
	-10	824.3253		19.3	848.6569		19.3	Pass
	0	824.3304		19.4	848.6594		19.4	Pass
	+10	824.3278		19.5	848.6620		19.5	Pass
	+20	824.3202		19.6	848.6492		19.6	Pass
	+25	824.3202		19.7	848.6594		19.7	Pass
	+30	824.3253		19.8	848.6543		19.8	Pass
	+40	824.3228		19.9	848.6492		19.9	Pass
	+50	824.3228		19.10	848.6594		19.10	Pass
	+60	824.3176		19.11	848.6569		19.11	Pass
	+70	824.3151		19.12	848.6543		19.12	Pass
3.135	+25	824.3278		19.13	848.6543		19.13	Pass
4.4	+25	824.3202		19.14	848.6543		19.14	Pass

A.5 Spurious Emission at Antenna Terminals

Note 1: 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.:22TJ0350-501 Data Part 3.pdf”.

WCDMA Mode Test Verdict

Test Band	Test Channel	Refer to Plot[Note3]	Verdict
WCDMA Band 2	LCH	1.1	Pass
	MCH	1.2	Pass
	HCH	1.3	Pass
WCDMA Band 4	LCH	2.1	Pass
	MCH	2.2	Pass
	HCH	2.3	Pass
WCDMA Band 5	LCH	3.1	Pass
	MCH	3.2	Pass
	HCH	3.3	Pass

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 2	1.4 MHz	LCH	QPSK	RB1#0	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
	3 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
	5 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
	10 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
	15 MHz	LCH	QPSK	RB1#0	4.25	Pass
			16-QAM	RB1#0	4.26	Pass
		MCH	QPSK	RB1#0	4.27	Pass
			16-QAM	RB1#0	4.28	Pass
		HCH	QPSK	RB1#0	4.29	Pass
			16-QAM	RB1#0	4.30	Pass
	20 MHz	LCH	QPSK	RB1#0	4.31	Pass
			16-QAM	RB1#0	4.32	Pass
		MCH	QPSK	RB1#0	4.33	Pass
			16-QAM	RB1#0	4.34	Pass
		HCH	QPSK	RB1#0	4.35	Pass
			16-QAM	RB1#0	4.36	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	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
	15 MHz	LCH	QPSK	RB1#0	5.25	Pass
			16-QAM	RB1#0	5.26	Pass
		MCH	QPSK	RB1#0	5.27	Pass
			16-QAM	RB1#0	5.28	Pass
		HCH	QPSK	RB1#0	5.29	Pass
			16-QAM	RB1#0	5.30	Pass
	20 MHz	LCH	QPSK	RB1#0	5.31	Pass
			16-QAM	RB1#0	5.32	Pass
		MCH	QPSK	RB1#0	5.33	Pass
			16-QAM	RB1#0	5.34	Pass
		HCH	QPSK	RB1#0	5.35	Pass
			16-QAM	RB1#0	5.36	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	6.1	Pass
			16-QAM	RB1#0	6.2	Pass
		MCH	QPSK	RB1#0	6.3	Pass
			16-QAM	RB1#0	6.4	Pass
		HCH	QPSK	RB1#0	6.5	Pass
			16-QAM	RB1#0	6.6	Pass
	3 MHz	LCH	QPSK	RB1#0	6.7	Pass
			16-QAM	RB1#0	6.8	Pass
		MCH	QPSK	RB1#0	6.9	Pass
			16-QAM	RB1#0	6.10	Pass
		HCH	QPSK	RB1#0	6.11	Pass
			16-QAM	RB1#0	6.12	Pass
	5 MHz	LCH	QPSK	RB1#0	6.13	Pass
			16-QAM	RB1#0	6.14	Pass
		MCH	QPSK	RB1#0	6.15	Pass
			16-QAM	RB1#0	6.16	Pass
		HCH	QPSK	RB1#0	6.17	Pass
			16-QAM	RB1#0	6.18	Pass
	10 MHz	LCH	QPSK	RB1#0	6.19	Pass
			16-QAM	RB1#0	6.20	Pass
		MCH	QPSK	RB1#0	6.21	Pass
			16-QAM	RB1#0	6.22	Pass
		HCH	QPSK	RB1#0	6.23	Pass
			16-QAM	RB1#0	6.24	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	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
	10 MHz	LCH	QPSK	RB1#0	7.7	Pass
			16-QAM	RB1#0	7.8	Pass
		MCH	QPSK	RB1#0	7.9	Pass
			16-QAM	RB1#0	7.10	Pass
		HCH	QPSK	RB1#0	7.11	Pass
			16-QAM	RB1#0	7.12	Pass
	15 MHz	LCH	QPSK	RB1#0	7.13	Pass
			16-QAM	RB1#0	7.14	Pass
		MCH	QPSK	RB1#0	7.15	Pass
			16-QAM	RB1#0	7.16	Pass
		HCH	QPSK	RB1#0	7.17	Pass
			16-QAM	RB1#0	7.18	Pass
	20 MHz	LCH	QPSK	RB1#0	7.19	Pass
			16-QAM	RB1#0	7.20	Pass
		MCH	QPSK	RB1#0	7.21	Pass
			16-QAM	RB1#0	7.22	Pass
		HCH	QPSK	RB1#0	7.23	Pass
			16-QAM	RB1#0	7.24	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	8.1	Pass
			16-QAM	RB1#0	8.2	Pass
		MCH	QPSK	RB1#0	8.3	Pass
			16-QAM	RB1#0	8.4	Pass
		HCH	QPSK	RB1#0	8.5	Pass
			16-QAM	RB1#0	8.6	Pass
	3 MHz	LCH	QPSK	RB1#0	8.7	Pass
			16-QAM	RB1#0	8.8	Pass
		MCH	QPSK	RB1#0	8.9	Pass
			16-QAM	RB1#0	8.10	Pass
		HCH	QPSK	RB1#0	8.11	Pass
			16-QAM	RB1#0	8.12	Pass
	5 MHz	LCH	QPSK	RB1#0	8.13	Pass
			16-QAM	RB1#0	8.14	Pass
		MCH	QPSK	RB1#0	8.15	Pass
			16-QAM	RB1#0	8.16	Pass
		HCH	QPSK	RB1#0	8.17	Pass
			16-QAM	RB1#0	8.18	Pass
	10 MHz	LCH	QPSK	RB1#0	8.19	Pass
			16-QAM	RB1#0	8.20	Pass
		MCH	QPSK	RB1#0	8.21	Pass
			16-QAM	RB1#0	8.22	Pass
		HCH	QPSK	RB1#0	8.23	Pass
			16-QAM	RB1#0	8.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 13	5 MHz	LCH	QPSK	RB1#0	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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 14	5 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
	10 MHz	LCH	QPSK	RB1#0	10.7	Pass
			16-QAM	RB1#0	10.8	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 17	5 MHz	LCH	QPSK	RB1#0	11.1	Pass
			16-QAM	RB1#0	11.2	Pass
		MCH	QPSK	RB1#0	11.3	Pass
			16-QAM	RB1#0	11.4	Pass
		HCH	QPSK	RB1#0	11.5	Pass
			16-QAM	RB1#0	11.6	Pass
	10 MHz	LCH	QPSK	RB1#0	11.7	Pass
			16-QAM	RB1#0	11.8	Pass
		MCH	QPSK	RB1#0	11.9	Pass
			16-QAM	RB1#0	11.10	Pass
		HCH	QPSK	RB1#0	11.11	Pass
			16-QAM	RB1#0	11.12	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 18 (824-830MHz)	5 MHz	LCH	QPSK	RB1#0	12.1	Pass
			16-QAM	RB1#0	12.2	Pass
		MCH	QPSK	RB1#0	12.3	Pass
			16-QAM	RB1#0	12.4	Pass
		HCH	QPSK	RB1#0	12.5	Pass
			16-QAM	RB1#0	12.6	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 18 (815-824MHz)	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

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	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	MCH	QPSK	RB1#0	14.13	Pass
			16-QAM	RB1#0	14.14	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 25	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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 26 (824-849MHz)	1.4 MHz	LCH	QPSK	RB1#0	16.1	Pass
			16-QAM	RB1#0	16.2	Pass
		MCH	QPSK	RB1#0	16.3	Pass
			16-QAM	RB1#0	16.4	Pass
		HCH	QPSK	RB1#0	16.5	Pass
			16-QAM	RB1#0	16.6	Pass
	3 MHz	LCH	QPSK	RB1#0	16.7	Pass
			16-QAM	RB1#0	16.8	Pass
		MCH	QPSK	RB1#0	16.9	Pass
			16-QAM	RB1#0	16.10	Pass
		HCH	QPSK	RB1#0	16.11	Pass
			16-QAM	RB1#0	16.12	Pass
	5 MHz	LCH	QPSK	RB1#0	16.13	Pass
			16-QAM	RB1#0	16.14	Pass
		MCH	QPSK	RB1#0	16.15	Pass
			16-QAM	RB1#0	16.16	Pass
		HCH	QPSK	RB1#0	16.17	Pass
			16-QAM	RB1#0	16.18	Pass
	10 MHz	LCH	QPSK	RB1#0	16.19	Pass
			16-QAM	RB1#0	16.20	Pass
		MCH	QPSK	RB1#0	16.21	Pass
			16-QAM	RB1#0	16.22	Pass
		HCH	QPSK	RB1#0	16.23	Pass
			16-QAM	RB1#0	16.24	Pass
	15 MHz	LCH	QPSK	RB1#0	16.25	Pass
			16-QAM	RB1#0	16.26	Pass
		MCH	QPSK	RB1#0	16.27	Pass
			16-QAM	RB1#0	16.28	Pass
		HCH	QPSK	RB1#0	16.29	Pass
			16-QAM	RB1#0	16.30	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 26 (814-824MHz)	1.4 MHz	LCH	QPSK	RB1#0	17.1	Pass
			16-QAM	RB1#0	17.2	Pass
		MCH	QPSK	RB1#0	17.3	Pass
			16-QAM	RB1#0	17.4	Pass
		HCH	QPSK	RB1#0	17.5	Pass
			16-QAM	RB1#0	17.6	Pass
	3 MHz	LCH	QPSK	RB1#0	17.7	Pass
			16-QAM	RB1#0	17.8	Pass
		MCH	QPSK	RB1#0	17.9	Pass
			16-QAM	RB1#0	17.10	Pass
		HCH	QPSK	RB1#0	17.11	Pass
			16-QAM	RB1#0	17.12	Pass
	5 MHz	LCH	QPSK	RB1#0	17.13	Pass
			16-QAM	RB1#0	17.14	Pass
		MCH	QPSK	RB1#0	17.15	Pass
			16-QAM	RB1#0	17.16	Pass
		HCH	QPSK	RB1#0	17.17	Pass
			16-QAM	RB1#0	17.18	Pass
	10 MHz	MCH	QPSK	RB1#0	17.19	Pass
			16-QAM	RB1#0	17.20	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 30	5 MHz	LCH	QPSK	RB1#0	18.1	Pass
			16-QAM	RB1#0	18.2	Pass
		MCH	QPSK	RB1#0	18.3	Pass
			16-QAM	RB1#0	18.4	Pass
		HCH	QPSK	RB1#0	18.5	Pass
			16-QAM	RB1#0	18.6	Pass
	10 MHz	MCH	QPSK	RB1#0	18.7	Pass
			16-QAM	RB1#0	18.8	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 66	1.4 MHz	LCH	QPSK	RB1#0	19.1	Pass
			16-QAM	RB1#0	19.2	Pass
		MCH	QPSK	RB1#0	19.3	Pass
			16-QAM	RB1#0	19.4	Pass
		HCH	QPSK	RB1#0	19.5	Pass
			16-QAM	RB1#0	19.6	Pass
	3 MHz	LCH	QPSK	RB1#0	19.7	Pass
			16-QAM	RB1#0	19.8	Pass
		MCH	QPSK	RB1#0	19.9	Pass
			16-QAM	RB1#0	19.10	Pass
		HCH	QPSK	RB1#0	19.11	Pass
			16-QAM	RB1#0	19.12	Pass
	5 MHz	LCH	QPSK	RB1#0	19.13	Pass
			16-QAM	RB1#0	19.14	Pass
		MCH	QPSK	RB1#0	19.15	Pass
			16-QAM	RB1#0	19.16	Pass
		HCH	QPSK	RB1#0	19.17	Pass
			16-QAM	RB1#0	19.18	Pass
	10 MHz	LCH	QPSK	RB1#0	19.19	Pass
			16-QAM	RB1#0	19.20	Pass
		MCH	QPSK	RB1#0	19.21	Pass
			16-QAM	RB1#0	19.22	Pass
		HCH	QPSK	RB1#0	19.23	Pass
			16-QAM	RB1#0	19.24	Pass
	15 MHz	LCH	QPSK	RB1#0	19.25	Pass
			16-QAM	RB1#0	19.26	Pass
		MCH	QPSK	RB1#0	19.27	Pass
			16-QAM	RB1#0	19.28	Pass
		HCH	QPSK	RB1#0	19.29	Pass
			16-QAM	RB1#0	19.30	Pass
	20 MHz	LCH	QPSK	RB1#0	19.31	Pass
			16-QAM	RB1#0	19.32	Pass
		MCH	QPSK	RB1#0	19.33	Pass
			16-QAM	RB1#0	19.34	Pass
		HCH	QPSK	RB1#0	19.35	Pass
			16-QAM	RB1#0	19.36	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 38	5 MHz	LCH	QPSK	RB1#0	20.1	Pass
			16-QAM	RB1#0	20.2	Pass
		MCH	QPSK	RB1#0	20.3	Pass
			16-QAM	RB1#0	20.4	Pass
		HCH	QPSK	RB1#0	20.5	Pass
			16-QAM	RB1#0	20.6	Pass
	10 MHz	LCH	QPSK	RB1#0	20.7	Pass
			16-QAM	RB1#0	20.8	Pass
		MCH	QPSK	RB1#0	20.9	Pass
			16-QAM	RB1#0	20.10	Pass
		HCH	QPSK	RB1#0	20.11	Pass
			16-QAM	RB1#0	20.12	Pass
	15 MHz	LCH	QPSK	RB1#0	20.13	Pass
			16-QAM	RB1#0	20.14	Pass
		MCH	QPSK	RB1#0	20.15	Pass
			16-QAM	RB1#0	20.16	Pass
		HCH	QPSK	RB1#0	20.17	Pass
			16-QAM	RB1#0	20.18	Pass
	20 MHz	LCH	QPSK	RB1#0	20.19	Pass
			16-QAM	RB1#0	20.20	Pass
		MCH	QPSK	RB1#0	20.21	Pass
			16-QAM	RB1#0	20.22	Pass
		HCH	QPSK	RB1#0	20.23	Pass
			16-QAM	RB1#0	20.24	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 40 (2305-2315MHz)	5 MHz	LCH	QPSK	RB1#0	21.1	Pass
			16-QAM	RB1#0	21.2	Pass
		MCH	QPSK	RB1#0	21.3	Pass
			16-QAM	RB1#0	21.4	Pass
		HCH	QPSK	RB1#0	21.5	Pass
			16-QAM	RB1#0	21.6	Pass
	10 MHz	MCH	QPSK	RB1#0	21.7	Pass
			16-QAM	RB1#0	21.8	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 40 (2350-2360MHz)	5 MHz	LCH	QPSK	RB1#0	22.1	Pass
			16-QAM	RB1#0	22.2	Pass
		MCH	QPSK	RB1#0	22.3	Pass
			16-QAM	RB1#0	22.4	Pass
		HCH	QPSK	RB1#0	22.5	Pass
			16-QAM	RB1#0	22.6	Pass
	10 MHz	MCH	QPSK	RB1#0	22.7	Pass
			16-QAM	RB1#0	22.8	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 41	5 MHz	LCH	QPSK	RB1#0	23.1	Pass
			16-QAM	RB1#0	23.2	Pass
		MCH	QPSK	RB1#0	23.3	Pass
			16-QAM	RB1#0	23.4	Pass
		HCH	QPSK	RB1#0	23.5	Pass
			16-QAM	RB1#0	23.6	Pass
	10 MHz	LCH	QPSK	RB1#0	23.7	Pass
			16-QAM	RB1#0	23.8	Pass
		MCH	QPSK	RB1#0	23.9	Pass
			16-QAM	RB1#0	23.10	Pass
		HCH	QPSK	RB1#0	23.11	Pass
			16-QAM	RB1#0	23.12	Pass
	15 MHz	LCH	QPSK	RB1#0	23.13	Pass
			16-QAM	RB1#0	23.14	Pass
		MCH	QPSK	RB1#0	23.15	Pass
			16-QAM	RB1#0	23.16	Pass
		HCH	QPSK	RB1#0	23.17	Pass
			16-QAM	RB1#0	23.18	Pass
	20 MHz	LCH	QPSK	RB1#0	23.19	Pass
			16-QAM	RB1#0	23.20	Pass
		MCH	QPSK	RB1#0	23.21	Pass
			16-QAM	RB1#0	23.22	Pass
		HCH	QPSK	RB1#0	23.23	Pass
			16-QAM	RB1#0	23.24	Pass

A.6 Band Edge

Note 1: Test plots please refer to the document “Annex No.:22TJ0350-501 Data Part 4.pdf”.

WCDMA Mode Test Verdict

Test Band	Test Channel	Refer to Plot[Note1]	Verdict
WCDMA Band 2	LCH	1.1	Pass
	HCH	1.2	Pass
WCDMA Band 4	LCH	2.1	Pass
	HCH	2.2	Pass
WCDMA Band 5	LCH	3.1	Pass
	HCH	3.2	Pass

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 2	1.4 MHz	LCH	QPSK	RB1#0	4.1	Pass
				RB6#0	4.2	Pass
			16-QAM	RB1#0	4.3	Pass
				RB6#0	4.4	Pass
		HCH	QPSK	RB1#5	4.5	Pass
				RB6#0	4.6	Pass
			16-QAM	RB1#5	4.7	Pass
				RB6#0	4.8	Pass
	3 MHz	LCH	QPSK	RB1#0	4.9	Pass
				RB15#0	4.10	Pass
			16-QAM	RB1#0	4.11	Pass
				RB15#0	4.12	Pass
		HCH	QPSK	RB1#14	4.13	Pass
				RB15#0	4.14	Pass
			16-QAM	RB1#14	4.15	Pass
				RB15#0	4.16	Pass
	5 MHz	LCH	QPSK	RB1#0	4.17	Pass
				RB25#0	4.18	Pass
			16-QAM	RB1#0	4.19	Pass
				RB25#0	4.20	Pass
		HCH	QPSK	RB1#24	4.21	Pass
				RB25#0	4.22	Pass
			16-QAM	RB1#24	4.23	Pass
				RB25#0	4.24	Pass
	10 MHz	LCH	QPSK	RB1#0	4.25	Pass
				RB50#0	4.26	Pass
			16-QAM	RB1#0	4.27	Pass
				RB50#0	4.28	Pass
		HCH	QPSK	RB1#49	4.29	Pass
				RB50#0	4.30	Pass
			16-QAM	RB1#49	4.31	Pass
				RB50#0	4.32	Pass
	15 MHz	LCH	QPSK	RB1#0	4.33	Pass
				RB75#0	4.34	Pass
			16-QAM	RB1#0	4.35	Pass
				RB75#0	4.36	Pass
		HCH	QPSK	RB1#74	4.37	Pass
				RB75#0	4.38	Pass
			16-QAM	RB1#74	4.39	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
				RB75#0	4.40	Pass
	20 MHz	LCH	QPSK	RB1#0	4.41	Pass
				RB100#0	4.42	Pass
			16-QAM	RB1#0	4.43	Pass
				RB100#0	4.44	Pass
		HCH	QPSK	RB1#99	4.45	Pass
				RB100#0	4.46	Pass
			16-QAM	RB1#99	4.47	Pass
				RB100#0	4.48	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	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
	15 MHz	LCH	QPSK	RB1#0	5.33	Pass
				RB75#0	5.34	Pass
			16-QAM	RB1#0	5.35	Pass
				RB75#0	5.36	Pass
		HCH	QPSK	RB1#74	5.37	Pass
				RB75#0	5.38	Pass
			16-QAM	RB1#74	5.39	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
				RB75#0	5.40	Pass
	20 MHz	LCH	QPSK	RB1#0	5.41	Pass
				RB100#0	5.42	Pass
			16-QAM	RB1#0	5.43	Pass
				RB100#0	5.44	Pass
		HCH	QPSK	RB1#99	5.45	Pass
				RB100#0	5.46	Pass
			16-QAM	RB1#99	5.47	Pass
				RB100#0	5.48	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	6.1	Pass
				RB6#0	6.2	Pass
			16-QAM	RB1#0	6.3	Pass
				RB6#0	6.4	Pass
		HCH	QPSK	RB1#5	6.5	Pass
				RB6#0	6.6	Pass
			16-QAM	RB1#5	6.7	Pass
				RB6#0	6.8	Pass
	3 MHz	LCH	QPSK	RB1#0	6.9	Pass
				RB15#0	6.10	Pass
			16-QAM	RB1#0	6.11	Pass
				RB15#0	6.12	Pass
		HCH	QPSK	RB1#14	6.13	Pass
				RB15#0	6.14	Pass
			16-QAM	RB1#14	6.15	Pass
				RB15#0	6.16	Pass
	5 MHz	LCH	QPSK	RB1#0	6.17	Pass
				RB25#0	6.18	Pass
			16-QAM	RB1#0	6.19	Pass
				RB25#0	6.20	Pass
		HCH	QPSK	RB1#24	6.21	Pass
				RB25#0	6.22	Pass
			16-QAM	RB1#24	6.23	Pass
				RB25#0	6.24	Pass
	10 MHz	LCH	QPSK	RB1#0	6.25	Pass
				RB50#0	6.26	Pass
			16-QAM	RB1#0	6.27	Pass
				RB50#0	6.28	Pass
		HCH	QPSK	RB1#49	6.29	Pass
				RB50#0	6.30	Pass
			16-QAM	RB1#49	6.31	Pass
				RB50#0	6.32	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	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
	10 MHz	LCH	QPSK	RB1#0	7.9	Pass
				RB50#0	7.10	Pass
			16-QAM	RB1#0	7.11	Pass
				RB50#0	7.12	Pass
		HCH	QPSK	RB1#49	7.13	Pass
				RB50#0	7.14	Pass
			16-QAM	RB1#49	7.15	Pass
				RB50#0	7.16	Pass
	15 MHz	LCH	QPSK	RB1#0	7.17	Pass
				RB75#0	7.18	Pass
			16-QAM	RB1#0	7.19	Pass
				RB75#0	7.20	Pass
		HCH	QPSK	RB1#74	7.21	Pass
				RB75#0	7.22	Pass
			16-QAM	RB1#74	7.23	Pass
				RB75#0	7.24	Pass
	20 MHz	LCH	QPSK	RB1#0	7.25	Pass
				RB100#0	7.26	Pass
			16-QAM	RB1#0	7.27	Pass
				RB100#0	7.28	Pass
		HCH	QPSK	RB1#99	7.29	Pass
				RB100#0	7.30	Pass
			16-QAM	RB1#99	7.31	Pass
				RB100#0	7.32	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	8.1	Pass
				RB6#0	8.2	Pass
			16-QAM	RB1#0	8.3	Pass
				RB6#0	8.4	Pass
		HCH	QPSK	RB1#5	8.5	Pass
				RB6#0	8.6	Pass
			16-QAM	RB1#5	8.7	Pass
				RB6#0	8.8	Pass
	3 MHz	LCH	QPSK	RB1#0	8.9	Pass
				RB15#0	8.10	Pass
			16-QAM	RB1#0	8.11	Pass
				RB15#0	8.12	Pass
		HCH	QPSK	RB1#14	8.13	Pass
				RB15#0	8.14	Pass
			16-QAM	RB1#14	8.15	Pass
				RB15#0	8.16	Pass
	5 MHz	LCH	QPSK	RB1#0	8.17	Pass
				RB25#0	8.18	Pass
			16-QAM	RB1#0	8.19	Pass
				RB25#0	8.20	Pass
		HCH	QPSK	RB1#24	8.21	Pass
				RB25#0	8.22	Pass
			16-QAM	RB1#24	8.23	Pass
				RB25#0	8.24	Pass
	10 MHz	LCH	QPSK	RB1#0	8.25	Pass
				RB50#0	8.26	Pass
			16-QAM	RB1#0	8.27	Pass
				RB50#0	8.28	Pass
		HCH	QPSK	RB1#49	8.29	Pass
				RB50#0	8.30	Pass
			16-QAM	RB1#49	8.31	Pass
				RB50#0	8.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 13	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

Emission Mask						
Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 13	5 MHz	LCH	QPSK	RB1#0	9.17	Pass
				RB25#0	9.18	Pass
			16-QAM	RB1#0	9.19	Pass
				RB25#0	9.20	Pass
		HCH	QPSK	RB1#24	9.21	Pass
				RB25#0	9.22	Pass
			16-QAM	RB1#24	9.23	Pass
				RB25#0	9.24	Pass
	10 MHz	LCH	QPSK	RB1#0	9.25	Pass
				RB50#0	9.26	Pass
			16-QAM	RB1#0	9.27	Pass
				RB50#0	9.28	Pass
		HCH	QPSK	RB1#49	9.29	Pass
				RB50#0	9.30	Pass
			16-QAM	RB1#49	9.31	Pass
				RB50#0	9.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 14	5 MHz	LCH	QPSK	RB1#0	10.1	Pass
				RB25#0	10.2	Pass
			16-QAM	RB1#0	10.3	Pass
				RB25#0	10.4	Pass
		HCH	QPSK	RB1#24	10.5	Pass
				RB25#0	10.6	Pass
			16-QAM	RB1#24	10.7	Pass
				RB25#0	10.8	Pass
	10 MHz	LCH	QPSK	RB1#0	10.9	Pass
				RB50#0	10.10	Pass
			16-QAM	RB1#0	10.11	Pass
				RB50#0	10.12	Pass
		HCH	QPSK	RB1#49	10.13	Pass
				RB50#0	10.14	Pass
			16-QAM	RB1#49	10.15	Pass
				RB50#0	10.16	Pass

Emission Mask						
Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 14	5 MHz	LCH	QPSK	RB1#0	10.17	Pass
				RB25#0	10.18	Pass
			16-QAM	RB1#0	10.19	Pass
				RB25#0	10.20	Pass
		HCH	QPSK	RB1#24	10.21	Pass
				RB25#0	10.22	Pass
			16-QAM	RB1#24	10.23	Pass
				RB25#0	10.24	Pass
	10 MHz	LCH	QPSK	RB1#0	10.25	Pass
				RB50#0	10.26	Pass
			16-QAM	RB1#0	10.27	Pass
				RB50#0	10.28	Pass
		HCH	QPSK	RB1#49	10.29	Pass
				RB50#0	10.30	Pass
			16-QAM	RB1#49	10.31	Pass
				RB50#0	10.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 17	5 MHz	LCH	QPSK	RB1#0	11.1	Pass
				RB25#0	11.2	Pass
			16-QAM	RB1#0	11.3	Pass
				RB25#0	11.4	Pass
		HCH	QPSK	RB1#24	11.5	Pass
				RB25#0	11.6	Pass
			16-QAM	RB1#24	11.7	Pass
				RB25#0	11.8	Pass
	10 MHz	LCH	QPSK	RB1#0	11.9	Pass
				RB50#0	11.10	Pass
			16-QAM	RB1#0	11.11	Pass
				RB50#0	11.12	Pass
		HCH	QPSK	RB1#49	11.13	Pass
				RB50#0	11.14	Pass
			16-QAM	RB1#49	11.15	Pass
				RB50#0	11.16	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 18 (824-830MHz)	5 MHz	LCH	QPSK	RB1#0	12.1	Pass
				RB25#0	12.2	Pass
			16-QAM	RB1#0	12.3	Pass
				RB25#0	12.4	Pass
		HCH	QPSK	RB1#24	12.5	Pass
				RB25#0	12.6	Pass
			16-QAM	RB1#24	12.7	Pass
				RB25#0	12.8	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 18 (815-824MHz)	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

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	14.1	Pass
				RB25#0	14.2	Pass
			16-QAM	RB1#0	14.3	Pass
				RB25#0	14.4	Pass
		HCH	QPSK	RB1#24	14.5	Pass
				RB25#0	14.6	Pass
			16-QAM	RB1#24	14.7	Pass
				RB25#0	14.8	Pass
	10 MHz	LCH	QPSK	RB1#0	14.9	Pass
				RB50#0	14.10	Pass
			16-QAM	RB1#0	14.11	Pass
				RB50#0	14.12	Pass
		HCH	QPSK	RB1#49	14.13	Pass
				RB50#0	14.14	Pass
			16-QAM	RB1#49	14.15	Pass
				RB50#0	14.16	Pass
	15 MHz	LCH	QPSK	RB1#0	14.17	Pass
				RB75#0	14.18	Pass
			16-QAM	RB1#0	14.19	Pass
				RB75#0	14.20	Pass
		HCH	QPSK	RB1#74	14.21	Pass
				RB75#0	14.22	Pass
			16-QAM	RB1#74	14.23	Pass
				RB75#0	14.24	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	15.1	Pass
				RB6#0	15.2	Pass
			16-QAM	RB1#0	15.3	Pass
				RB6#0	15.4	Pass
		HCH	QPSK	RB1#5	15.5	Pass
				RB6#0	15.6	Pass
			16-QAM	RB1#5	15.7	Pass
				RB6#0	15.8	Pass
	3 MHz	LCH	QPSK	RB1#0	15.9	Pass
				RB15#0	15.10	Pass
			16-QAM	RB1#0	15.11	Pass
				RB15#0	15.12	Pass
		HCH	QPSK	RB1#14	15.13	Pass
				RB15#0	15.14	Pass
			16-QAM	RB1#14	15.15	Pass
				RB15#0	15.16	Pass
	5 MHz	LCH	QPSK	RB1#0	15.17	Pass
				RB25#0	15.18	Pass
			16-QAM	RB1#0	15.19	Pass
				RB25#0	15.20	Pass
		HCH	QPSK	RB1#24	15.21	Pass
				RB25#0	15.22	Pass
			16-QAM	RB1#24	15.23	Pass
				RB25#0	15.24	Pass
	10 MHz	LCH	QPSK	RB1#0	15.25	Pass
				RB50#0	15.26	Pass
			16-QAM	RB1#0	15.27	Pass
				RB50#0	15.28	Pass
		HCH	QPSK	RB1#49	15.29	Pass
				RB50#0	15.30	Pass
			16-QAM	RB1#49	15.31	Pass
				RB50#0	15.32	Pass
	15 MHz	LCH	QPSK	RB1#0	15.33	Pass
				RB75#0	15.34	Pass
			16-QAM	RB1#0	15.35	Pass
				RB75#0	15.36	Pass
		HCH	QPSK	RB1#74	15.37	Pass
				RB75#0	15.38	Pass
			16-QAM	RB1#74	15.39	Pass
				RB75#0	15.40	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
	20 MHz	LCH	QPSK	RB1#0	15.41	Pass
				RB100#0	15.42	Pass
			16-QAM	RB1#0	15.43	Pass
				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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 26 (824-849MHz)	MH	LCH	QPSK	RB1#0	16.1	Pass
				RB6#0	16.2	Pass
			16-QAM	RB1#0	16.3	Pass
				RB6#0	16.4	Pass
		HCH	QPSK	RB1#5	16.5	Pass
				RB6#0	16.6	Pass
			16-QAM	RB1#5	16.7	Pass
				RB6#0	16.8	Pass
	3 MHz	LCH	QPSK	RB1#0	16.9	Pass
				RB15#0	16.10	Pass
			16-QAM	RB1#0	16.11	Pass
				RB15#0	16.12	Pass
		HCH	QPSK	RB1#14	16.13	Pass
				RB15#0	16.14	Pass
			16-QAM	RB1#14	16.15	Pass
				RB15#0	16.16	Pass
	5 MHz	LCH	QPSK	RB1#0	16.17	Pass
				RB25#0	16.18	Pass
			16-QAM	RB1#0	16.19	Pass
				RB25#0	16.20	Pass
		HCH	QPSK	RB1#24	16.21	Pass
				RB25#0	16.22	Pass
			16-QAM	RB1#24	16.23	Pass
				RB25#0	16.24	Pass
	10 MHz	LCH	QPSK	RB1#0	16.25	Pass
				RB50#0	16.26	Pass
			16-QAM	RB1#0	16.27	Pass
				RB50#0	16.28	Pass
		HCH	QPSK	RB1#49	16.29	Pass
				RB50#0	16.30	Pass
			16-QAM	RB1#49	16.31	Pass
				RB50#0	16.32	Pass
	15 MHz	LCH	QPSK	RB1#0	16.33	Pass
				RB75#0	16.34	Pass
			16-QAM	RB1#0	16.35	Pass
				RB75#0	16.36	Pass
		HCH	QPSK	RB1#74	16.37	Pass
				RB75#0	16.38	Pass
			16-QAM	RB1#74	16.39	Pass
				RB75#0	16.40	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
				RB100#0		Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 26 (814-824MHz)	1.4 MHz	LCH	QPSK	RB1#0	17.1	Pass
				RB6#0	17.2	Pass
			16-QAM	RB1#0	17.3	Pass
				RB6#0	17.4	Pass
		HCH	QPSK	RB1#5	17.5	Pass
				RB6#0	17.6	Pass
			16-QAM	RB1#5	17.7	Pass
				RB6#0	17.8	Pass
	3 MHz	LCH	QPSK	RB1#0	17.9	Pass
				RB15#0	17.10	Pass
			16-QAM	RB1#0	17.11	Pass
				RB15#0	17.12	Pass
		HCH	QPSK	RB1#14	17.13	Pass
				RB15#0	17.14	Pass
			16-QAM	RB1#14	17.15	Pass
				RB15#0	17.16	Pass
	5 MHz	LCH	QPSK	RB1#0	17.17	Pass
				RB25#0	17.18	Pass
			16-QAM	RB1#0	17.19	Pass
				RB25#0	17.20	Pass
		HCH	QPSK	RB1#24	17.21	Pass
				RB25#0	17.22	Pass
			16-QAM	RB1#24	17.23	Pass
				RB25#0	17.24	Pass
	10 MHz	LCH	QPSK	RB1#0	17.25	Pass
				RB50#0	17.26	Pass
			16-QAM	RB1#0	17.27	Pass
				RB50#0	17.28	Pass
		HCH	QPSK	RB1#49	17.29	Pass
				RB50#0	17.30	Pass
			16-QAM	RB1#49	17.31	Pass
				RB50#0	17.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 30	5 MHz	LCH	QPSK	RB1#0	18.1	Pass
				RB25#0	18.2	Pass
			16-QAM	RB1#0	18.3	Pass
				RB25#0	18.4	Pass
		HCH	QPSK	RB1#24	18.5	Pass
				RB25#0	18.6	Pass
			16-QAM	RB1#24	18.7	Pass
				RB25#0	18.8	Pass
	10 MHz	LCH	QPSK	RB1#0	18.9	Pass
				RB50#0	18.10	Pass
			16-QAM	RB1#0	18.11	Pass
				RB50#0	18.12	Pass
		HCH	QPSK	RB1#49	18.13	Pass
				RB50#0	18.14	Pass
			16-QAM	RB1#49	18.15	Pass
				RB50#0	18.16	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 66	1.4 MHz	LCH	QPSK	RB1#0	19.1	Pass
				RB6#0	19.2	Pass
			16-QAM	RB1#0	19.3	Pass
				RB6#0	19.4	Pass
		HCH	QPSK	RB1#5	19.5	Pass
				RB6#0	19.6	Pass
			16-QAM	RB1#5	19.7	Pass
				RB6#0	19.8	Pass
	3 MHz	LCH	QPSK	RB1#0	19.9	Pass
				RB15#0	19.10	Pass
			16-QAM	RB1#0	19.11	Pass
				RB15#0	19.12	Pass
		HCH	QPSK	RB1#14	19.13	Pass
				RB15#0	19.14	Pass
			16-QAM	RB1#14	19.15	Pass
				RB15#0	19.16	Pass
	5 MHz	LCH	QPSK	RB1#0	19.17	Pass
				RB25#0	19.18	Pass
			16-QAM	RB1#0	19.19	Pass
				RB25#0	19.20	Pass
		HCH	QPSK	RB1#24	19.21	Pass
				RB25#0	19.22	Pass
			16-QAM	RB1#24	19.23	Pass
				RB25#0	19.24	Pass
	10 MHz	LCH	QPSK	RB1#0	19.25	Pass
				RB50#0	19.26	Pass
			16-QAM	RB1#0	19.27	Pass
				RB50#0	19.28	Pass
		HCH	QPSK	RB1#49	19.29	Pass
				RB50#0	19.30	Pass
			16-QAM	RB1#49	19.31	Pass
				RB50#0	19.32	Pass
	15 MHz	LCH	QPSK	RB1#0	19.33	Pass
				RB75#0	19.34	Pass
			16-QAM	RB1#0	19.35	Pass
				RB75#0	19.36	Pass
		HCH	QPSK	RB1#74	19.37	Pass
				RB75#0	19.38	Pass
			16-QAM	RB1#74	19.39	Pass
				RB75#0	19.40	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
	20 MHz	LCH	QPSK	RB1#0	19.41	Pass
				RB100#0	19.42	Pass
			16-QAM	RB1#0	19.43	Pass
				RB100#0	19.44	Pass
		HCH	QPSK	RB1#99	19.45	Pass
				RB100#0	19.46	Pass
			16-QAM	RB1#99	19.47	Pass
				RB100#0	19.48	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 38	5 MHz	LCH	QPSK	RB1#0	20.1	Pass
				RB25#0	20.2	Pass
			16-QAM	RB1#0	20.3	Pass
				RB25#0	20.4	Pass
		HCH	QPSK	RB1#24	20.5	Pass
				RB25#0	20.6	Pass
			16-QAM	RB1#24	20.7	Pass
				RB25#0	20.8	Pass
	10 MHz	LCH	QPSK	RB1#0	20.9	Pass
				RB50#0	20.10	Pass
			16-QAM	RB1#0	20.11	Pass
				RB50#0	20.12	Pass
		HCH	QPSK	RB1#49	20.13	Pass
				RB50#0	20.14	Pass
			16-QAM	RB1#49	20.15	Pass
				RB50#0	20.16	Pass
	15 MHz	LCH	QPSK	RB1#0	20.17	Pass
				RB75#0	20.18	Pass
			16-QAM	RB1#0	20.19	Pass
				RB75#0	20.20	Pass
		HCH	QPSK	RB1#74	20.21	Pass
				RB75#0	20.22	Pass
			16-QAM	RB1#74	20.23	Pass
				RB75#0	20.24	Pass
	20 MHz	LCH	QPSK	RB1#0	20.25	Pass
				RB100#0	20.26	Pass
			16-QAM	RB1#0	20.27	Pass
				RB100#0	20.28	Pass
		HCH	QPSK	RB1#99	20.29	Pass
				RB100#0	20.30	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
			16-QAM	RB1#99	20.31	Pass
				RB100#0	20.32	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 40 (2305-2315MHz)	5 MHz	LCH	QPSK	RB1#0	21.1	Pass
				RB25#0	21.2	Pass
			16-QAM	RB1#0	21.3	Pass
				RB25#0	21.4	Pass
		HCH	QPSK	RB1#24	21.5	Pass
				RB25#0	21.6	Pass
			16-QAM	RB1#24	21.7	Pass
				RB25#0	21.8	Pass
	10 MHz	LCH	QPSK	RB1#0	21.9	Pass
				RB50#0	21.10	Pass
			16-QAM	RB1#0	21.11	Pass
				RB50#0	21.12	Pass
		HCH	QPSK	RB1#49	21.13	Pass
				RB50#0	21.14	Pass
			16-QAM	RB1#49	21.15	Pass
				RB50#0	21.16	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 40(2350-2360MHz)	5 MHz	LCH	QPSK	RB1#0	22.1	Pass
				RB25#0	22.2	Pass
			16-QAM	RB1#0	22.3	Pass
				RB25#0	22.4	Pass
		HCH	QPSK	RB1#24	22.5	Pass
				RB25#0	22.6	Pass
			16-QAM	RB1#24	22.7	Pass
				RB25#0	22.8	Pass
	10 MHz	LCH	QPSK	RB1#0	22.9	Pass
				RB50#0	22.10	Pass
			16-QAM	RB1#0	22.11	Pass
				RB50#0	22.12	Pass
		HCH	QPSK	RB1#49	22.13	Pass
				RB50#0	22.14	Pass
			16-QAM	RB1#49	22.15	Pass
				RB50#0	22.16	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note1]	Verdict
Band 41	5 MHz	LCH	QPSK	RB1#0	23.1	Pass
				RB25#0	23.2	Pass
			16-QAM	RB1#0	23.3	Pass
				RB25#0	23.4	Pass
		HCH	QPSK	RB1#24	23.5	Pass
				RB25#0	23.6	Pass
			16-QAM	RB1#24	23.7	Pass
				RB25#0	23.8	Pass
	10 MHz	LCH	QPSK	RB1#0	23.9	Pass
				RB50#0	23.10	Pass
			16-QAM	RB1#0	23.11	Pass
				RB50#0	23.12	Pass
		HCH	QPSK	RB1#49	23.13	Pass
				RB50#0	23.14	Pass
			16-QAM	RB1#49	23.15	Pass
				RB50#0	23.16	Pass
	15 MHz	LCH	QPSK	RB1#0	23.17	Pass
				RB75#0	23.18	Pass
			16-QAM	RB1#0	23.19	Pass
				RB75#0	23.20	Pass
		HCH	QPSK	RB1#74	23.21	Pass
				RB75#0	23.22	Pass
			16-QAM	RB1#74	23.23	Pass
				RB75#0	23.24	Pass
	20 MHz	LCH	QPSK	RB1#0	23.25	Pass
				RB100#0	23.26	Pass
			16-QAM	RB1#0	23.27	Pass
				RB100#0	23.28	Pass
		HCH	QPSK	RB1#99	23.29	Pass
				RB100#0	23.30	Pass
			16-QAM	RB1#99	23.31	Pass
				RB100#0	23.32	Pass

A.7 Field Strength of Spurious Radiation

Note 1: Only the worst data with different transmit 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.:22TJ0350-501 Data Part 5.pdf”.

WCDMA Mode Test Verdict

Test Band	Test Channel	Refer to Plot[Note3]	Verdict
WCDMA Band 2	LCH	1.1	Pass
	MCH	1.2	Pass
	HCH	1.3	Pass
WCDMA Band 4	LCH	2.1	Pass
	MCH	2.2	Pass
	HCH	2.3	Pass
WCDMA Band 5	LCH	3.1	Pass
	MCH	3.2	Pass
	HCH	3.3	Pass

LTE Mode Test Verdict

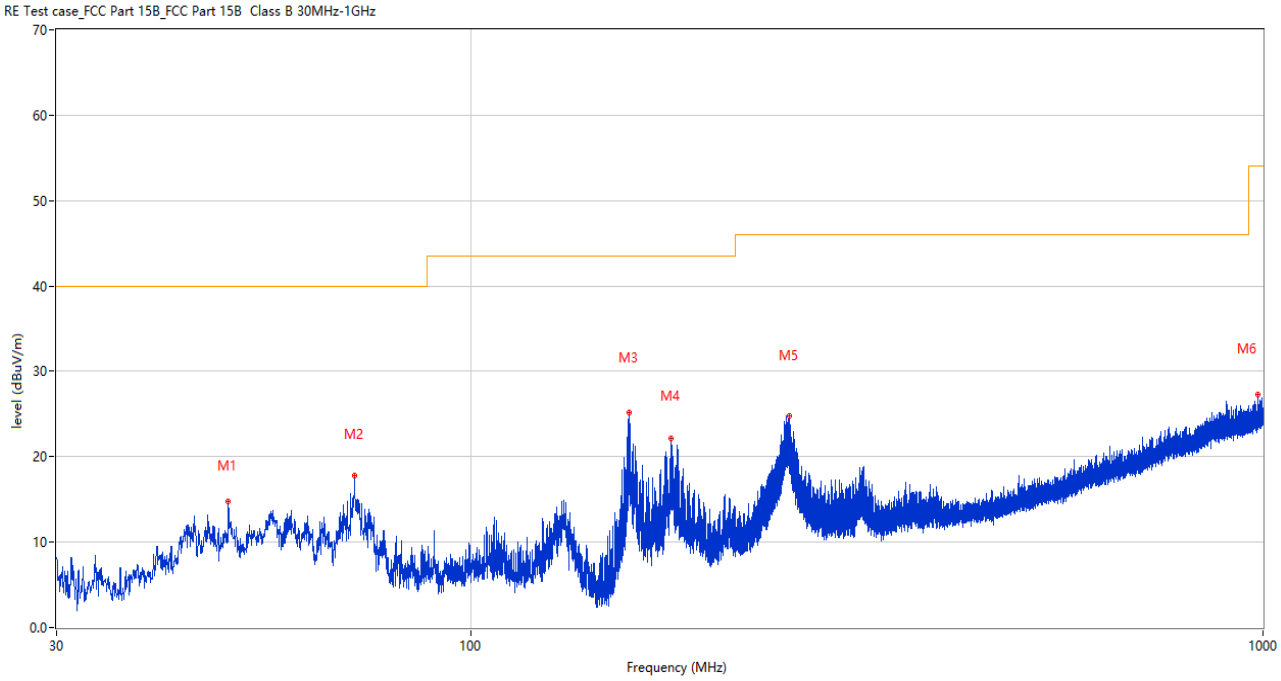
Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 2	1.4 MHz	MCH	QPSK	RB1#0	4.1	Pass
	3 MHz	MCH	QPSK	RB1#0	4.2	Pass
	5 MHz	MCH	QPSK	RB1#0	4.3	Pass
	10 MHz	MCH	QPSK	RB1#0	4.4	Pass
	15 MHz	MCH	QPSK	RB1#0	4.5	Pass
	20 MHz	MCH	QPSK	RB1#0	4.6	Pass
Band 4	1.4 MHz	MCH	QPSK	RB1#0	5.1	Pass
	3 MHz	MCH	QPSK	RB1#0	5.2	Pass
	5 MHz	MCH	QPSK	RB1#0	5.3	Pass
	10 MHz	MCH	QPSK	RB1#0	5.4	Pass
	15 MHz	MCH	QPSK	RB1#0	5.5	Pass
	20 MHz	MCH	QPSK	RB1#0	5.6	Pass
Band 5	1.4 MHz	MCH	QPSK	RB1#0	6.1	Pass
	3 MHz	MCH	QPSK	RB1#0	6.2	Pass
	5 MHz	MCH	QPSK	RB1#0	6.3	Pass
	10 MHz	MCH	QPSK	RB1#0	6.4	Pass
Band 7	5 MHz	MCH	QPSK	RB1#0	7.1	Pass
	10 MHz	MCH	QPSK	RB1#0	7.2	Pass
	15 MHz	MCH	QPSK	RB1#0	7.3	Pass
	20 MHz	MCH	QPSK	RB1#0	7.4	Pass
Band 12	1.4 MHz	MCH	QPSK	RB1#0	8.1	Pass
	3 MHz	MCH	QPSK	RB1#0	8.2	Pass
	5 MHz	MCH	QPSK	RB1#0	8.3	Pass
	10 MHz	MCH	QPSK	RB1#0	8.4	Pass
Band 13	5 MHz	MCH	QPSK	RB1#0	9.1	Pass
	10 MHz	MCH	QPSK	RB1#0	9.2	Pass
Band 14	5 MHz	MCH	QPSK	RB1#0	10.1	Pass
	10 MHz	MCH	QPSK	RB1#0	10.2	Pass
Band 17	5 MHz	MCH	QPSK	RB1#0	11.1	Pass
	10 MHz	MCH	QPSK	RB1#0	11.2	Pass
Band 18 (824-830MHz)	5 MHz	MCH	QPSK	RB1#0	12.1	Pass
Band 18 (815-824MHz)	5 MHz	MCH	QPSK	RB1#0	13.1	Pass
Band 19	5 MHz	MCH	QPSK	RB1#0	14.1	Pass
	10 MHz	MCH	QPSK	RB1#0	14.2	Pass
	15 MHz	MCH	QPSK	RB1#0	14.3	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Refer to Plot[Note3]	Verdict
Band 25	1.4 MHz	MCH	QPSK	RB1#0	15.1	Pass
	3 MHz	MCH	QPSK	RB1#0	15.2	Pass
	5 MHz	MCH	QPSK	RB1#0	15.3	Pass
	10 MHz	MCH	QPSK	RB1#0	15.4	Pass
	15 MHz	MCH	QPSK	RB1#0	15.5	Pass
	20 MHz	MCH	QPSK	RB1#0	15.6	Pass
Band 26 (824-849MHz)	1.4 MHz	MCH	QPSK	RB1#0	16.1	Pass
	3 MHz	MCH	QPSK	RB1#0	16.2	Pass
	5 MHz	MCH	QPSK	RB1#0	16.3	Pass
	10 MHz	MCH	QPSK	RB1#0	16.4	Pass
	15 MHz	MCH	QPSK	RB1#0	16.5	Pass
Band 26 (814-824MHz)	1.4 MHz	MCH	QPSK	RB1#0	17.1	Pass
	3 MHz	MCH	QPSK	RB1#0	17.2	Pass
	5 MHz	MCH	QPSK	RB1#0	17.3	Pass
	10 MHz	MCH	QPSK	RB1#0	17.4	Pass
Band 30	5 MHz	MCH	QPSK	RB1#0	18.1	Pass
	10 MHz	MCH	QPSK	RB1#0	18.2	Pass
Band 66	1.4 MHz	MCH	QPSK	RB1#0	19.1	Pass
	3 MHz	MCH	QPSK	RB1#0	19.2	Pass
	5 MHz	MCH	QPSK	RB1#0	19.3	Pass
	10 MHz	MCH	QPSK	RB1#0	19.4	Pass
	15 MHz	MCH	QPSK	RB1#0	19.5	Pass
	20 MHz	MCH	QPSK	RB1#0	19.6	Pass
Band 38	5 MHz	MCH	QPSK	RB1#0	20.1	Pass
	10 MHz	MCH	QPSK	RB1#0	20.2	Pass
	15 MHz	MCH	QPSK	RB1#0	20.3	Pass
	20 MHz	MCH	QPSK	RB1#0	20.4	Pass
Band 40 (2305-2315MHz)	5 MHz	MCH	QPSK	RB1#0	21.1	Pass
	10 MHz	MCH	QPSK	RB1#0	21.2	Pass
Band 40 (2350-2360MHz)	5 MHz	MCH	QPSK	RB1#0	22.1	Pass
	10 MHz	MCH	QPSK	RB1#0	22.2	Pass
Band 41	5 MHz	MCH	QPSK	RB1#0	23.1	Pass
	10 MHz	MCH	QPSK	RB1#0	23.2	Pass
	15 MHz	MCH	QPSK	RB1#0	23.3	Pass
	20 MHz	MCH	QPSK	RB1#0	23.4	Pass

A.8 Receiver Spurious Emissions

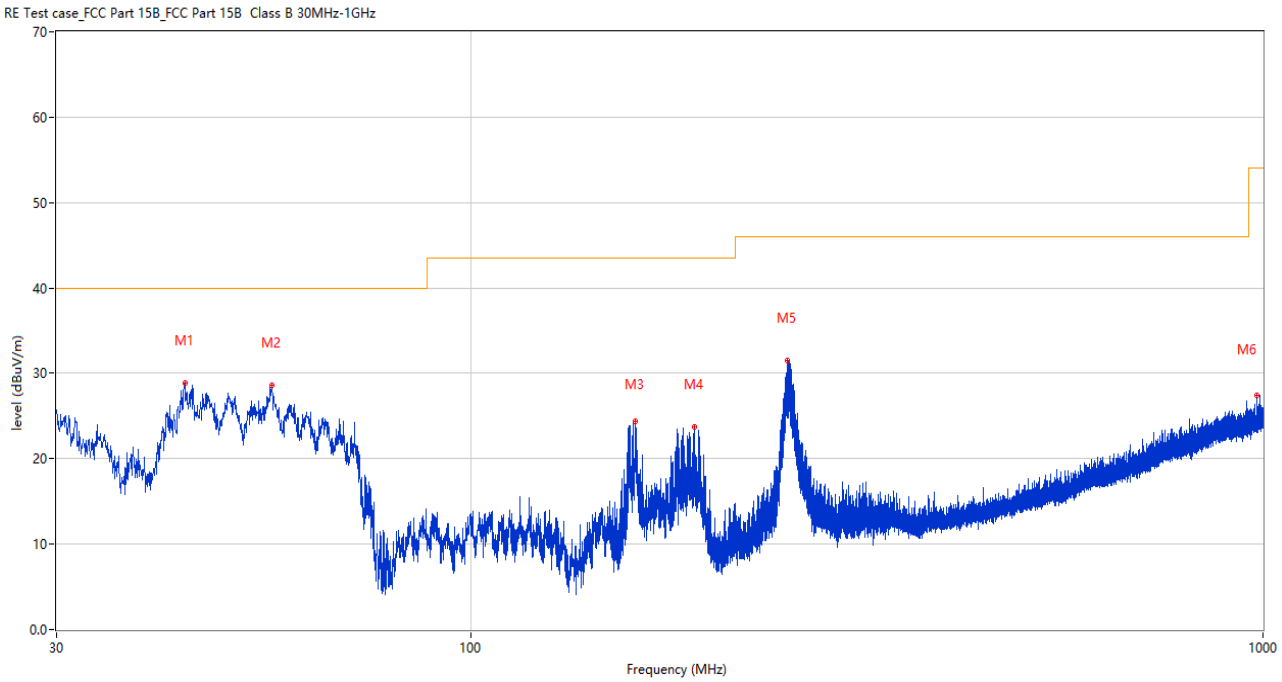
Note: Only the worst test results were recorded in this report.

30MHz to 1GHz, ANT H



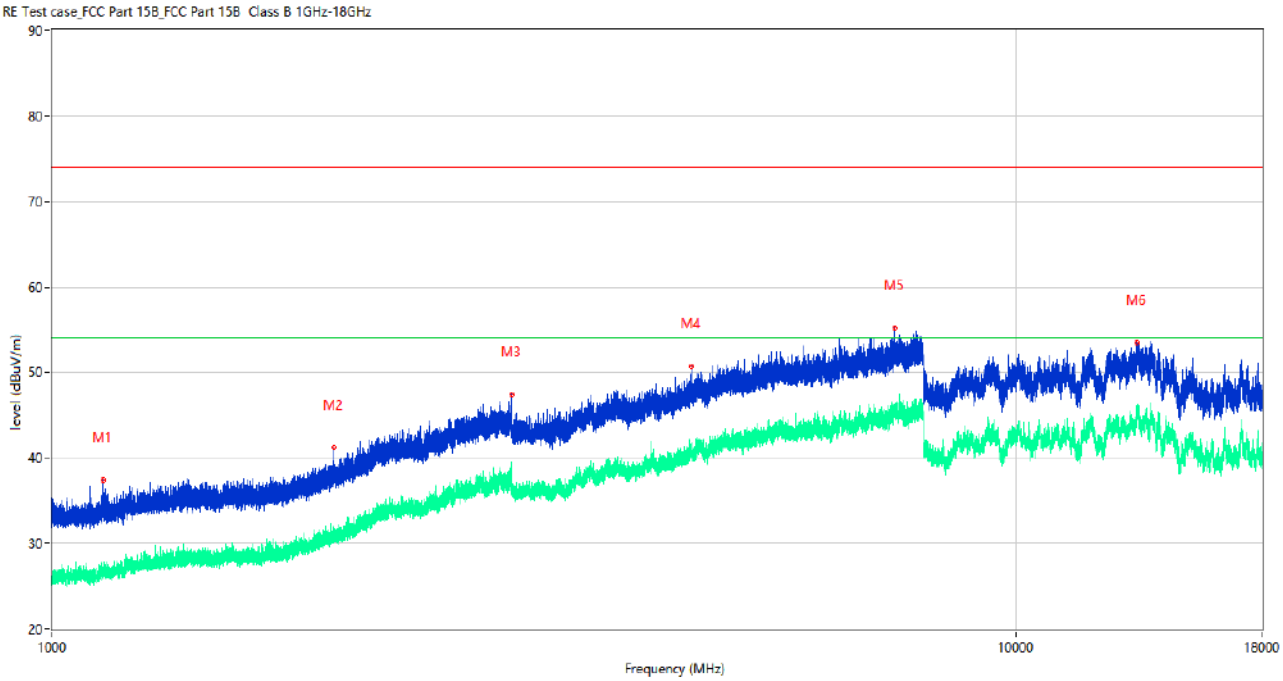
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	49.449	14.72	-25.52	40.0	-25.28	Peak	264.00	200	Horizontal	Pass
2	71.322	17.81	-29.87	40.0	-22.19	Peak	352.00	200	Horizontal	Pass
3	158.234	25.16	-29.71	43.5	-18.34	Peak	160.00	200	Horizontal	Pass
4	179.089	22.12	-28.52	43.5	-21.38	Peak	187.00	200	Horizontal	Pass
5	252.227	24.84	-24.78	46.0	-21.16	Peak	113.00	100	Horizontal	Pass
6	986.517	27.35	-8.64	54.0	-26.65	Peak	42.00	100	Horizontal	Pass

30MHz to 1GHz, ANT V



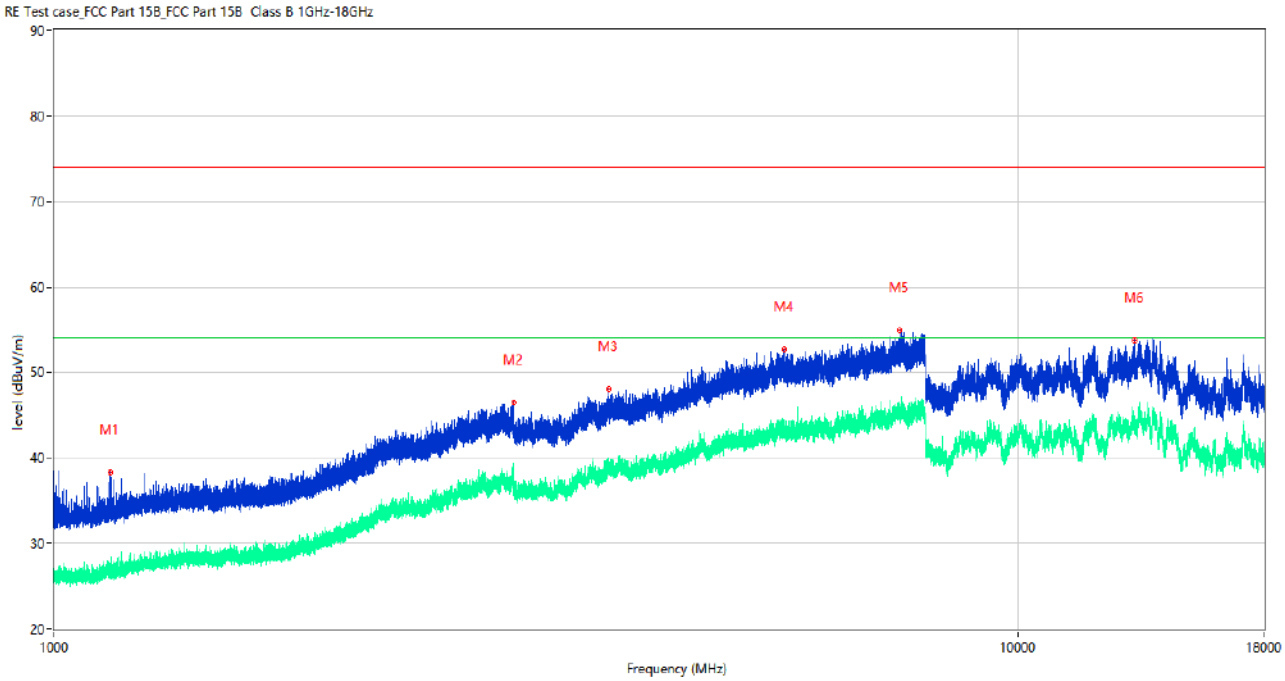
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	43.580	28.84	-25.73	40.0	-11.16	Peak	229.00	100	Vertical	Pass
2	56.044	28.59	-25.99	40.0	-11.41	Peak	215.00	100	Vertical	Pass
3	161.193	24.36	-29.53	43.5	-19.14	Peak	22.00	100	Vertical	Pass
4	191.650	23.71	-27.23	43.5	-19.79	Peak	6.00	100	Vertical	Pass
5	251.063	31.48	-24.88	46.0	-14.52	Peak	259.00	100	Vertical	Pass
6	981.570	27.43	-8.64	54.0	-26.57	Peak	0.00	100	Vertical	Pass

1GHz to 18GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1128.900	37.47	-9.02	74.0	-36.53	Peak	297.00	100	Horizontal	Pass
1**	1128.900	26.82	-9.02	54.0	-27.18	AV	297.00	100	Horizontal	Pass
2	1962.400	41.28	-1.77	74.0	-32.72	Peak	59.00	100	Horizontal	Pass
2**	1962.400	31.61	-1.77	54.0	-22.39	AV	59.00	100	Horizontal	Pass
3	2999.800	47.41	6.71	74.0	-26.59	Peak	290.00	100	Horizontal	Pass
3**	2999.800	38.26	6.71	54.0	-15.74	AV	290.00	100	Horizontal	Pass
4	4598.500	50.73	-2.31	74.0	-23.27	Peak	0.00	100	Horizontal	Pass
4**	4598.500	40.75	-2.31	54.0	-13.25	AV	0.00	100	Horizontal	Pass
5	7475.500	55.20	1.29	74.0	-18.80	Peak	10.00	100	Horizontal	Pass
5**	7475.500	45.57	1.29	54.0	-8.43	AV	10.00	100	Horizontal	Pass
6	13324.500	53.54	0.87	74.0	-20.46	Peak	219.00	100	Horizontal	Pass
6**	13324.500	44.85	0.87	54.0	-9.15	AV	219.00	100	Horizontal	Pass

1GHz to 18GHz, ANT V

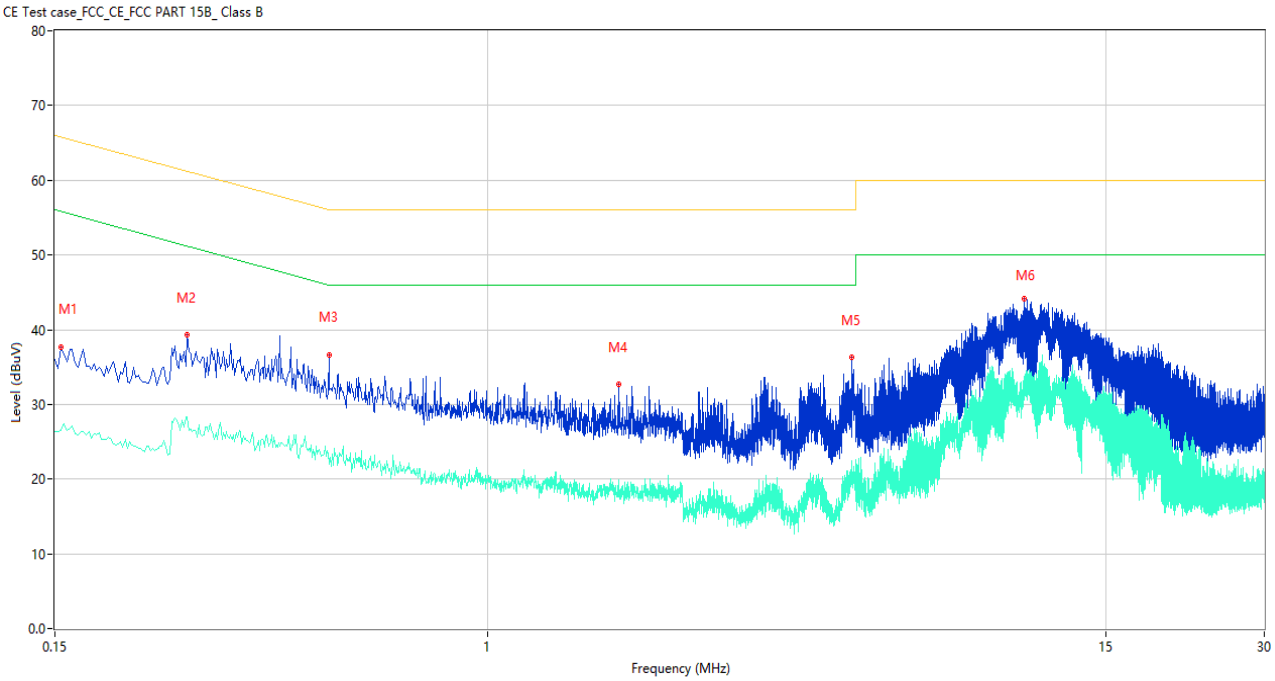


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1142.500	38.35	-8.82	74.0	-35.65	Peak	199.00	100	Vertical	Pass
1**	1142.500	26.64	-8.82	54.0	-27.36	AV	199.00	100	Vertical	Pass
2	2993.600	46.53	6.34	74.0	-27.47	Peak	357.00	100	Vertical	Pass
2**	2993.600	37.61	6.34	54.0	-16.39	AV	357.00	100	Vertical	Pass
3	3764.250	48.13	-3.37	74.0	-25.87	Peak	22.00	100	Vertical	Pass
3**	3764.250	38.90	-3.37	54.0	-15.10	AV	22.00	100	Vertical	Pass
4	5720.000	52.67	-0.86	74.0	-21.33	Peak	138.00	100	Vertical	Pass
4**	5720.000	43.43	-0.86	54.0	-10.57	AV	138.00	100	Vertical	Pass
5	7532.750	54.99	0.28	74.0	-19.01	Peak	112.00	100	Vertical	Pass
5**	7532.750	44.58	0.28	54.0	-9.42	AV	112.00	100	Vertical	Pass
6	13191.000	53.80	0.11	74.0	-20.20	Peak	161.00	100	Vertical	Pass
6**	13191.000	43.65	0.11	54.0	-10.35	AV	161.00	100	Vertical	Pass

A.9 AC Power-line Conducted Emissions

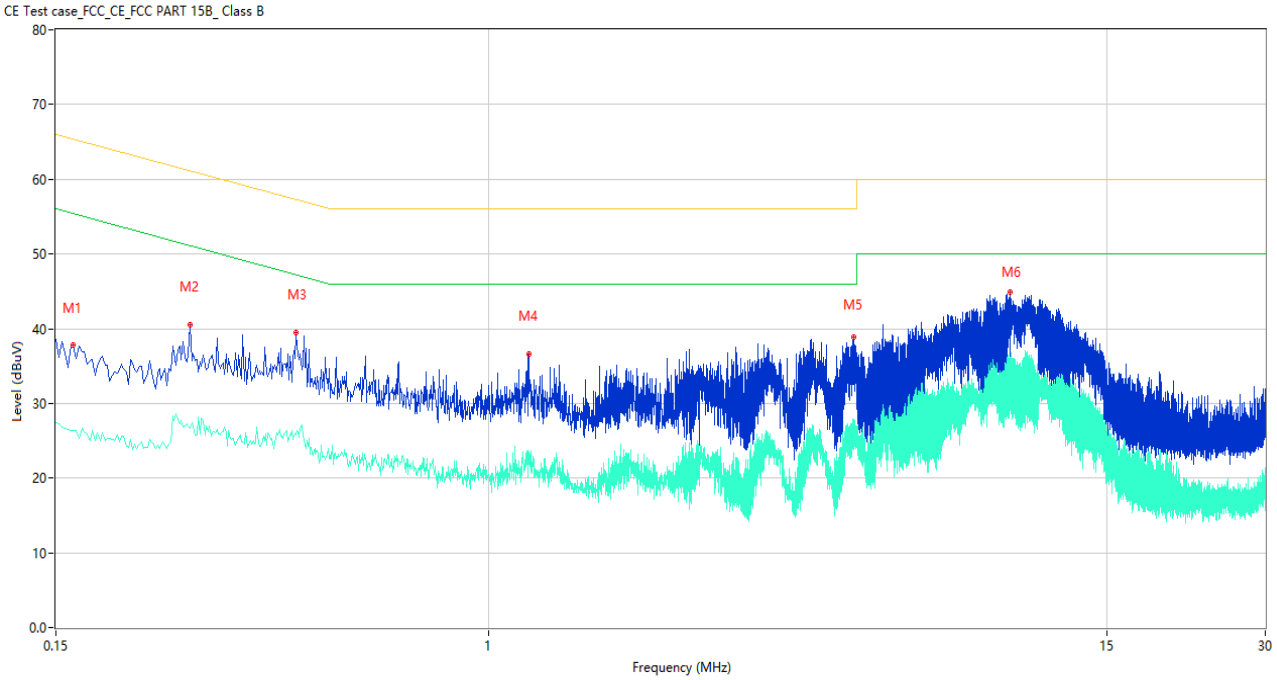
Note: Only the worst test results were recorded in this report.

L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.154	37.63	10.18	65.78	-28.15	Peak	L	Pass
1**	0.154	26.47	10.18	55.78	-29.31	AV	L	Pass
2	0.268	39.30	10.06	61.18	-21.88	Peak	L	Pass
2**	0.268	28.37	10.06	51.18	-22.81	AV	L	Pass
3	0.498	36.67	10.29	56.03	-19.36	Peak	L	Pass
3**	0.498	22.05	10.29	46.03	-23.98	AV	L	Pass
4	1.776	32.70	10.24	56.00	-23.30	Peak	L	Pass
4**	1.776	17.56	10.24	46.00	-28.44	AV	L	Pass
5	4.914	36.28	10.33	56.00	-19.72	Peak	L	Pass
5**	4.914	22.41	10.33	46.00	-23.59	AV	L	Pass
6	10.490	44.11	10.36	60.00	-15.89	Peak	L	Pass
6**	10.490	33.25	10.36	50.00	-16.75	AV	L	Pass

N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.162	37.83	10.17	65.36	-27.53	Peak	N	Pass
1**	0.162	26.40	10.17	55.36	-28.96	AV	N	Pass
2	0.270	40.58	10.06	61.12	-20.54	Peak	N	Pass
2**	0.270	26.68	10.06	51.12	-24.44	AV	N	Pass
3	0.430	39.42	10.57	57.25	-17.83	Peak	N	Pass
3**	0.430	25.82	10.57	47.25	-21.43	AV	N	Pass
4	1.190	36.67	10.51	56.00	-19.33	Peak	N	Pass
4**	1.190	21.77	10.51	46.00	-24.23	AV	N	Pass
5	4.954	38.83	10.11	56.00	-17.17	Peak	N	Pass
5**	4.954	27.22	10.11	46.00	-18.78	AV	N	Pass
6	9.790	44.97	10.12	60.00	-15.03	Peak	N	Pass
6**	9.790	34.92	10.12	50.00	-15.08	AV	N	Pass

ANNEX B TEST SETUP PHOTOS

Please refer to the document “22TJ0350-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer to the document “22TJ0350-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer to the document “22TJ0350-AI.PDF”.

--END OF REPORT--

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