SGS Korea Co., Ltd.
4, LS-ro 182beon-gil, Gunpo-si, Gyeonggi-do, Korea, 15807
Tel. +82 31 428 5700 / Fax. +82 31 427 2370
http://www.sgsgroup.kr

TEST REPORT

of

FCC Part 2 Subpart J, Part 22 Subpart C/H,
Part 24 Subpart E, Part 27 Subpart C and Part 90 Subpart S
IC RSS-130 Issue 2, RSS-132 Issue 3, RSS-133 Issue 6,
RSS-139 Issue 3, RSS-199 Issue 3 and RSS-Gen Issue 5

FCC ID: BEJTM05NNNABM0
IC Certification: 2703H-TM05NNNABM0

Equipment Under Test	:	Module
Model Name	:	TM05NNNABM0
Variant Model Name(s)	:	-
Applicant	:	FCC: LG Electronics USA IC: LG ELECTRONICS INC.
Manufacturer	:	LG Electronics Inc.
Date of Receipt	:	2021.04.02
Date of Test(s)	:	2021.04.06 ~ 2021.07.26
Date of Issue	:	2022.03.15

In the configuration tested, the EUT complied with the standards specified above. This test report does not assure KOLAS accreditation.

1) The results of this test report are effective only to the items tested.
2) The SGS Korea is not responsible for the sampling, the results of this test report apply to the sample as received.
3) This test report cannot be reproduced, except in full, without prior written permission of the Company.
4) The data marked ※ in this report was provided by the customer and may affect the validity of the test results.

We are responsible for all the information of this test report except for the data(※) provided by the customer.

Tested by: **Brant Jang**

Technical Manager: **Jinhyoung Cho**

SGS Korea Co., Ltd. Gunpo Laboratory

INDEX

Table of Contents Page

1. General Information

1.1. Testing Laboratory

SGS Korea Co., Ltd. (Gunpo Laboratory)
- 10-2, LS-ro 182beon-gil, Gunpo-si, Gyeonggi-do, Korea, 15807
- 4, LS-ro 182beon-gil, Gunpo-si, Gyeonggi-do, Korea, 15807
- Designation number: KR0150

All SGS services are rendered in accordance with the applicable SGS conditions of service available on request and accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx.

Phone No. : +82 31 688 0901
Fax No. : +82 31 688 0921

1.2. Details of Applicant

FCC Applicant : LG Electronics USA
FCC Address : 111 Sylvan Avenue, North Building, Englewood Cliffs, New Jersey, United States, 07632
IC Applicant : LG ELECTRONICS INC.
IC Address : 222, LG-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, Korea (Republic of), 451-713
Contact Person : Kim, Dae-woong
Phone No. : +1 201 266 2215

1.3. Details of Manufacturer

Company : LG Electronics Inc.
Address : 10, Magokjungang 10-ro, Gangseo-gu, Seoul, Korea, 07796

1.4. Description of EUT

Kind of Product	Module
Model Name	TM05NNNABM0
Serial Number	Conducted: 352881170000019, Radiated: 352881170026303
Power Supply	DC 12.5 V
Rated Power	LTE Band 2, 4, 5, 7, 12, 13, 17, 25, 26, 41, 66, 71: 23 ㏈m
Frequency Range	LTE Band 2: 1 850 ㎒ ~ 1 910 ㎒ LTE Band 4: 1 710 ㎒ ~ 1 755 ㎒ LTE Band 5: 824 ㎒ ~ 849 ㎒ LTE Band 7: 2 500 ㎒ ~ 2 570 ㎒ LTE Band 12: 699 ㎒ ~ 716 ㎒ LTE Band 13: 777 ㎒ ~ 787 ㎒ LTE Band 17: 704 ㎒ ~ 716 ㎒ LTE Band 25: 1 850 ㎒ ~ 1 915 ㎒ LTE Band 26(FCC Only): 814 ㎒ ~ 824 ㎒ LTE Band 26: 824 ㎒ ~ 849 ㎒ LTE Band 41(FCC): 2 496 ㎒ ~ 2 690 ㎒ LTE Band 41(IC): 2 500 ㎒ ~ 2 690 ㎒ LTE Band 66: 1 710 ㎒ ~ 1 780 ㎒ LTE Band 71: 663 ㎒ ~ 698 ㎒
Modulation Technique	QPSK, 16QAM, 64QAM
Antenna Type	External Antenna (Refer to the clause 1.14)
Antenna Gain※	Refer to the clause 1.14
H/W Version	Rev.D2
S/W Version	v004.147.065

1.5. Test Equipment List

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Interval	Cal. Due
Signal Generator	R&S	SMR40	100272	Jun. 16, 2021	Annual	Jun. 16, 2022
Signal Generator	R&S	SMVB100A	255834	May 31, 2021	Annual	May 31, 2022
Spectrum Analyzer	R&S	FSV30	103453	Nov. 04, 2020	Annual	Nov. 04, 2021
Spectrum Analyzer	Agilent	N9020A	MY53421758	Sep. 04, 2020	Annual	Sep. 04, 2021
Spectrum Analyzer	Agilent	N9030A	US51350132	Nov. 12, 2020	Annual	Nov. 12, 2021
Communication Analyzer	Anritsu	MT8821C	6262192291	Oct. 08, 2020	Annual	Oct. 08, 2021
Power Meter	Anritsu	ML2495A	1223004	Jun. 01, 2021	Annual	Jun. 01, 2022
Power Sensor	Anritsu	MA2411B	1207272	Jun. 01, 2021	Annual	Jun. 01, 2022
Temperature Chamber	ESPEC CORP.	PL-2J	15004184	Jun. 02, 2021	Annual	Jun. 02, 2022
Low Pass Filter	Mini-Circuits	NLP-1200+	V 8979400903-2	Feb. 08, 2021	Annual	Feb. 08, 2022
High Pass Filter	Wainwright Instrument GmbH	WHKX10-900-1000-18000 -40SS	7	Mar. 08, 2021	Annual	Mar. 08, 2022
High Pass Filter	Wainwright Instrument GmbH	WHKX2.2/12.75G-10SS	8	Mar. 04, 2021	Annual	Mar. 04, 2022
High Pass Filter	Wainwright Instrument GmbH	WHK3.0/18G-10SS	21	Jun. 04, 2021	Annual	Jun. 04, 2022
High Pass Filter	Wainwright Instrument GmbH	WHK7.5/26.5G-6SS	11	May 17, 2021	Annual	May 17, 2022
Directional Coupler	KRYTAR	152613	122660	Jun. 15, 2021	Annual	Jun. 15, 2022
DC Power Supply	Agilent	U8002A	MY49030063	Feb. 02, 2021	Annual	Feb. 02, 2022
Preamplifier	H.P.	8447F	2944A03909	Aug. 06, 2020	Annual	Aug. 06, 2021
Preamplifier	R&S	SCU-18	10117	Jun. 09, 2021	Annual	Jun. 09, 2022
Preamplifier	TESTEK	TK-PA1840H	130016	Jan. 07, 2021	Annual	Jan. 07, 2022
Test Receiver	R&S	ESU26	100109	Feb. 19, 2021	Annual	Feb. 19, 2022
Loop Antenna	Schwarzbeck Mess-Elektronik	FMZB 1519	1519-039	Aug. 22, 2019	Biennial	Aug. 22, 2021
Bilog Antenna	Schwarzbeck Mess-Elektronik	VULB9163	01126	Dec. 12, 2020	Biennial	Dec. 12, 2022
Horn Antenna	R&S	HF906	100326	Feb. 04, 2021	Annual	Feb. 04, 2022
Horn Antenna	Schwarzbeck Mess-Elektronik	BBHA9170	9170-540	Nov. 26, 2020	Annual	Nov. 26, 2021
Antenna Master	Innco systems GmbH	MA4640-XP-ET	MA4640/536/383 30516/L	N.C.R.	N/A	N.C.R.
Turn Table	Innco systems GmbH	DS 1200S	N/A	N.C.R.	N/A	N.C.R.
Controller	Innco systems GmbH	CONTROLLER CO3000-4P	CO3000/963/383 30516/L	N.C.R.	N/A	N.C.R.
Anechoic Chamber	SY Corporation	L × W × H (9.6 m × 6.4 m × 6.6 m)	N/A	N.C.R.	N/A	N.C.R.
Coaxial Cable	RFONE	MWX221-NMSNMS (4 m)	J1023142	Jul. 05, 2021	Semi-Annual	Jan. 05, 2022
Coaxial Cable	RFONE	PL520-NMNM-10M (10 m)	20200324001	Jul. 05, 2021	Semi-Annual	Jan. 05, 2022
Coaxial Cable	RADIALL	TESTPRO 3	182287	Feb. 19, 2021	Semi-annual	Aug. 19, 2021
Coaxial Cable	RADIALL	TESTPRO 3	182288	Feb. 19, 2021	Semi-annual	Aug. 19, 2021
Coaxial Cable	RADIALL	TESTPRO 3	182291	Feb. 19, 2021	Semi-annual	Aug. 19, 2021

▶ Support Equipment

Description	Manufacturer	Model	Serial Number
N/A	-	-	-

1.6. Summary of Test Results

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 2, 22, 24, 27 and 90 / IC RSS-Gen Issue 5, RSS-130 Issue 2, RSS-132 Issue 3, RSS-133 Issue 6, RSS-139 Issue 3 and RSS-199 Issue 3			
Section in FCC	**Section in IC**	**Test Item(s)**	**Result**
§22.913(a)(5) §24.232(c) §27.50(b)(10) §27.50(c)(10) §27.50(d)(4) §27.50(h)(2) §90.635(b)	RSS-130 Issue 2 4.6 RSS-132 Issue 3 5.4 RSS-133 Issue 6 6.4 RSS-139 Issue 3 6.5 RSS-199 Issue 3 4.4	E.R.P. / E.I.R.P.	Complied
§22.917(a) §24.238(a) §27.53(c)(2) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.691(a)	RSS-130 Issue 2 4.7 RSS-132 Issue 3 5.5 RSS-133 Issue 6 6.5 RSS-139 Issue 3 6.6 RSS-199 Issue 3 4.5	Spurious Radiated Emission	Complied
§2.1046	RSS-Gen Issue 5 6.12	Conducted Output Power	Complied
§2.1049	RSS-Gen Issue 5 6.7	Occupied Bandwidth	Complied
§22.913(d) §24.232(d) §27.50(d)(5)	RSS-130 Issue 2 4.6 RSS-132 Issue 3 5.4 RSS-133 Issue 6 6.4 RSS-139 Issue 3 6.5 RSS-199 Issue 3 4.4	Peak-Average Ratio	Complied
§22.917(a) §24.238(a) §27.53(c)(2) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.691(a)	RSS-130 Issue 2 4.7 RSS-132 Issue 3 5.5 RSS-133 Issue 6 6.5 RSS-139 Issue 3 6.6 RSS-199 Issue 3 4.5	Spurious Emission at Antenna Terminal	Complied
§22.917(a) §24.238(a) §27.53(c)(2) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.691(a)	RSS-130 Issue 2 4.7 RSS-132 Issue 3 5.5 RSS-133 Issue 6 6.5 RSS-139 Issue 3 6.6 RSS-199 Issue 3 4.5	Band Edge and Emission Mask	Complied
§2.1055 §22.355 §24.235 §27.54 §90.213(a)	RSS-Gen Issue 5 6.11 RSS-130 Issue 2 4.5 RSS-132 Issue 3 5.3 RSS-133 Issue 6 6.3 RSS-139 Issue 3 6.4 RSS-199 Issue 3 4.3	Frequency Stability	Complied

1.7. Sample Calculation for Offset

Where relevant, the following sample calculation is provided:

1.7.1. Conducted Test

Offset value (dB) = Directional Coupler (dB) + Cable loss (dB)

1.7.2. Radiation test

- E.I.R.P. (dB m) = Measured level (dBμV) + Antenna factor (dB/m) + Cable loss (dB) + 20 Log D - 104.5; where D is the measurement distance in meters.
- E.R.P. (dB m) = E.I.R.P. (dB m) - 2.15 (dB)

1.8. Device Capabilities

This device contains the following capabilities;

LTE Band 2 (1 850 ㎒ ~ 1 910 ㎒) is covered by LTE Band 25 (1 850 ㎒ ~ 1 915 ㎒) due to overlapping frequency range, same maximum tune-up limit and same channel bandwidth. Therefore test data provided in this report covers LTE Band 2 as well as Band 25.
LTE Band 4 (1 710 ㎒ ~ 1 755 ㎒) is covered by LTE Band 66 (1 710 ㎒ ~ 1 780 ㎒) due to overlapping frequency range, same maximum tune-up limit and same channel bandwidth. Therefore test data provided in this report covers LTE Band 4 as well as Band 66.
LTE Band 17 (704 ㎒ ~ 716 ㎒) is covered by LTE Band 12 (699 ㎒ ~ 716 ㎒) due to overlapping frequency range, same maximum tune-up limit and same channel bandwidth. Therefore test data provided in this report covers LTE Band 17 as well as Band 12.
LTE Band 5 (824 ㎒ ~ 849 ㎒) is covered by LTE Band 26 (824 ㎒ ~ 849 ㎒) due to overlapping frequency range, same maximum tune-up limit and same channel bandwidth. Therefore test data provided in this report covers LTE Band 5 as well as Band 26.

1.9. Manufacturer Declaration

EUT has two (SIM1 and SIM2) ports, all testing were performed both SIM1, SIM2.

1.10. Worst Case Configuration and Mode

The worst-case is based on the conducted output power measurement investigation results. All testing was performed using QPSK, 16QAM and 64QAM modulations. However, the spurious radiated emission and spurious at antenna terminal were only performed on bandwidth and RB offset (with RB size 1) with the highest conducted power in QPSK.

The peak to average ratio were tested only 64QAM modulation as worst case.

The radiation test of the EUT was investigated in three orthogonal orientations X, Y, and Z, and the worst case data is reported.

1.11. Measurement Configuration

Test Items	Band	Test Channel			Bandwidth (MHz)						Modulation			RB #		
		Low	Mid	High	1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full
Conducted Output Power	7	V	V	V			V	V	V	V	V	V	V	V	V	V
	12/17	V	V	V	V	V	V	V			V	V	V	V	V	V
	13	V	V	V			V	V			V	V	V	V	V	V
	25/2	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
	26/5	V	V	V	V	V	V	V	V		V	V	V	V	V	V
	26	V	V	V	V	V	V	V	V		V	V	V	V	V	V
	41	V	V	V			V	V	V	V	V	V	V	V	V	V
	66/4	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
	71	V	V	V			V	V	V	V	V	V	V	V	V	V
Frequency Stability	7	-	V	-			V	-	-	-	V	-	-	-	-	V
	12/17	-	V	-	-	-	V	-			V	-	-	-	-	V
	13	-	V	-			V	-			V	-	-	-	-	V
	25/2	-	V	-	-	-	V	-	-	-	V	-	-	-	-	V
	26/5	-	V	-	-	-	V	-	-		V	-	-	-	-	V
	26	-	V	-	-	-	V	-	-		V	-	-	-	-	V
	41	-	V	-	-	-	V	-	-	-	V	-	-	-	-	V
	66/4	-	V	-	-	-	V	-	-	-	V	-	-	-	-	V
	71	-	V	-	-	-	V	-	-	-	V	-	-	-	-	V
Occupied Bandwidth	7	-	V	-			V	V	V	V	V	V	-	-	-	V
	12/17	-	V	-	V	V	V	V			V	V	-	-	-	V
	13	-	V	-			V	V			V	V	-	-	-	V
	25/2	-	V	-	V	V	V	V	V	V	V	V	-	-	-	V
	26/5	-	V	-	V	V	V	V	V		V	V	-	-	-	V
	26	-	V	-	V	V	V	V	V		V	V	-	-	-	V
	41	-	V	-			V	V	V	V	V	V	-	-	-	V
	66/4	-	V	-	V	V	V	V	V	V	V	V	-	-	-	V
	71	-	V	-			V	V	V	V	V	V	-	-	-	V
Peak-to-Average Ratio	7	V	V	V			V	V	V	V	-	-	V	-	-	V
	12/17	V	V	V	V	V	V	V			-	-	V	-	-	V
	13	V	V	V			V	V			-	-	V	-	-	V
	25/2	V	V	V	V	V	V	V	V	V	-	-	V	-	-	V
	26/5	V	V	V	V	V	V	V	V		-	-	V	-	-	V
	26	V	V	V	V	V	V	V	V		-	-	V	-	-	V
	41	V	V	V			V	V	V	V	-	-	V	-	-	V
	66/4	V	V	V	V	V	V	V	V	V	-	-	V	-	-	V
	71	V	V	V			V	V	V	V	-	-	V	-	-	V

Test Items	Band	Test Channel			Bandwidth (MHz)						Modulation			RB #		
		Low	Mid	High	1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full
Band edge	7	V	-	V			V	V	V	V	V	V	-	V	-	V
	12/17	V	-	V	V	V	V	V			V	V	-	V	-	V
	13	V	-	V			V	V			V	V	-	V	-	V
	25/2	V	-	V	V	V	V	V	V	V	V	V	-	V	-	V
	26/5	V	-	V	V	V	V	V	V		V	V	-	V	-	V
	26	V	-	V	V	V	V	V	V		V	V	-	V	-	V
	41	V	-	V			V	V	V	V	V	V	-	V	-	V
	66/4	V	-	V	V	V	V	V	V	V	V	V	-	V	-	V
	71	V	-	V			V	V	V	V	V	V	-	V	-	V
Spurious at antenna terminal SIM 1	7	V	V	V			V	-	-	-	V	-	-	V	-	-
	12/17	V	V	V	-	-	-	V			V	-	-	V	-	-
	13	V	V	V			V	-			V	-	-	V	-	-
	25/2	V	V	V	-	-	-	-	-	V	V	-	-	V	-	-
	26/5	V	V	V	-	-	V	-	-		V	-	-	V	-	-
	26	V	V	V	-	-	V	-	-		V	-	-	V	-	-
	41	V	V	V			V	-	-	-	V	-	-	V	-	-
	66/4	V	V	V	-	V	-	-	-	-	V	-	-	V	-	-
	71	V	V	V			V	-	-	-	V	-	-	V	-	-
Spurious Radiated Emission SIM 1	7	V	V	V			V	-	-	-	V	-	-	V	-	-
	12/17	V	V	V	-	-	-	V			V	-	-	V	-	-
	13	V	V	V			V	-			V	-	-	V	-	-
	25/2	V	V	V	-	-	-	-	-	V	V	-	-	V	-	-
	26/5	V	V	V	-	-	V	-	-		V	-	-	V	-	-
	26	V	V	V	-	-	V	-	-		V	-	-	V	-	-
	41	V	V	V			V	-	-	-	V	-	-	V	-	-
	66/4	V	V	V	-	V	-	-	-	-	V	-	-	V	-	-
	71	V	V	V			V	-	-	-	V	-	-	V	-	-

Test Items	Band	Test Channel			Bandwidth (㎒)						Modulation			RB #		
		Low	Mid	High	1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full
Spurious at antenna terminal SIM 2	7	V	V	V			-	V	-	-	V	-	-	V	-	-
	12/17	V	V	V	-	-	V	-			V	-	-	V	-	-
	13	V	V	V			V	-			V	-	-	V	-	-
	25/2	V	V	V	-	-	V	-	-	-	V	-	-	V	-	-
	26/5	V	V	V	-	V	-	-	-		V	-	-	V	-	-
	26	V	V	V	-	V	-	-	-		V	-	-	V	-	-
	41	V	V	V			-	-	-	V	V	-	-	V	-	-
	66/4	V	V	V	-	V	-	-	-	-	V	-	-	V	-	-
	71	V	V	V			-	V	-	-	V	-	-	V	-	-
Spurious Radiated Emission SIM 2	7	V	V	V			-	V	-	-	V	-	-	V	-	-
	12/17	V	V	V	-	-	V	-			V	-	-	V	-	-
	13	V	V	V			V	-			V	-	-	V	-	-
	25/2	V	V	V	-	-	V	-	-	-	V	-	-	V	-	-
	26/5	V	V	V	-	V	-	-	-		V	-	-	V	-	-
	26	V	V	V	-	V	-	-	-		V	-	-	V	-	-
	41	V	V	V			-	-	-	V	V	-	-	V	-	-
	66/4	V	V	V	-	V	-	-	-	-	V	-	-	V	-	-
	71	V	V	V			-	V	-	-	V	-	-	V	-	-

1.12. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Parameter	Uncertainty	
RF Output Power	± 0.36 dB	
Occupied Bandwidth	± 13.12 kHz	
Conducted Spurious Emissions	± 0.63 dB	
Peak to Average Ratio	± 0.60 dB	
Frequency Stability	± 4.92 kHz	
Radiated Emission, 9 kHz to 30 MHz	H	± 3.66 dB
	V	± 3.66 dB
Radiated Emission, below 1 GHz	H	± 4.90 dB
	V	± 4.82 dB
Radiated Emission, above 1 GHz	H	± 3.62 dB
	V	± 3.64 dB

All measurement uncertainty values are shown with a coverage factor of *k*=2 to indicate a 95 % level of confidence.

1.13. Test Report Revision

Revision	Report Number	Date of Issue	Description
0	F690501-RF-RTL002983	2022.03.15	Initial

1.14. Antenna Designation

SIM 1

Antenna Type	Antenna No.	Antenna Name	Antenna Part Number
Trunk	1	Antenna Box (basic)	8705921
	2	MSA TEL	920631001
	3	MSA TEL SDARS	920361002
Roof	4	DA WAVE HAF 5G-US	8705914-05
	5	DA WAVE High 5G-US	5A09D90-03

Operating Frequency (㎒)		Antenna Peak Gain (㏈i)			
		Ant. No	Ant. Gain	Cable Loss	Final Gain
Band 71	663 ~ 698	Ant. 1	-3.00	0.22	-3.22
		Ant. 2	2.20	0.52	1.68
		Ant. 3	2.50	0.52	**1.98**
		Ant. 4	-3.80	-	-3.80
		Ant. 5	-3.40	-	-3.40
Band 12/17	669 ~ 716	Ant. 1	3.00	0.22	**2.78**
		Ant. 2	2.60	0.52	2.08
		Ant. 3	2.50	0.52	1.98
		Ant. 4	-3.00	-	-3.00
		Ant. 5	-3.10	-	-3.10
Band 13	777 ~ 787	Ant. 1	3.00	0.22	**2.78**
		Ant. 2	2.60	0.52	2.08
		Ant. 3	2.50	0.52	1.98
		Ant. 4	-3.00	-	-3.00
		Ant. 5	-3.10	-	-3.10
Band 26/5	824 ~ 849	Ant. 1	3.00	0.22	**2.78**
		Ant. 2	2.10	0.52	1.58
		Ant. 3	2.30	0.52	1.78
		Ant. 4	-0.40	-	-0.40
		Ant. 5	-0.20	-	-0.20
Band 26	814 ~ 824	Ant. 1	3.00	0.22	**2.78**
		Ant. 2	2.10	0.52	1.58
		Ant. 3	2.30	0.52	1.78
		Ant. 4	-0.30	-	-0.30
		Ant. 5	0.00	-	0.00
Band 66/4	1 710 ~ 1 780	Ant. 1	5.00	0.30	4.70
		Ant. 2	5.40	0.73	4.67
		Ant. 3	5.80	0.73	**5.07**
		Ant. 4	2.70	-	2.70
		Ant. 5	3.00	-	3.00
Band 25/2	1 850 ~ 1 915	Ant. 1	5.00	0.34	4.66
		Ant. 2	6.20	0.82	**5.38**
		Ant. 3	5.90	0.82	5.08
		Ant. 4	2.80	-	2.80
		Ant. 5	2.30	-	2.30
Band 7/41	2 496 ~ 2 690	Ant. 1	5.00	0.40	4.60
		Ant. 2	6.60	0.96	**5.64**
		Ant. 3	6.50	0.96	5.54
		Ant. 4	3.30	-	3.30
		Ant. 5	3.00	-	3.00

- The Roof type antennas are directly connected to the EUT, so there is no cable loss.

Test Case

Operating Frequency (㎒)		Ant. 1 (basic)	Ant. 2	Ant. 3	Ant. 4	Ant. 5
Band 25/2	1 850 ~ 1 915	V	V	-	-	-
Band 7/41	2 496 ~ 2 690	V	V	-	-	-
Band 66/4	1 710 ~ 1 780	V	-	V	-	-
Band 12, 13, 17 Band 26/5, 71	663 ~ 698 669 ~ 716 777 ~ 787 814 ~ 849	V	-	-	-	-

SIM 2

Antenna Type	Antenna No.	Antenna Name	Antenna Part Number
Trunk	1	Antenna Box	8705921
	2	FSA WAVE 5G (left/right)	8705919/8705920
	3	HKL Mobilradioantenna (basic)	5A2D602
	4	ZB Spoilerantenna	5A0C5B0

Operating Frequency (㎒)		Antenna Peak Gain (㏈i)			
		Ant. No	Ant. Gain	Cable Loss	Final Gain
Band 71	663 ~ 698	Ant. 1	-3.00	0.57	-3.57
		Ant. 2	4.00	0.57	3.43
		Ant. 3	5.00	0.57	**4.43**
		Ant. 4	4.00	0.57	3.43
Band 12/17	669 ~ 716	Ant. 1	3.00	0.57	2.43
		Ant. 2	4.00	0.57	3.43
		Ant. 3	5.00	0.57	**4.43**
		Ant. 4	3.00	0.57	2.43
Band 13	777 ~ 787	Ant. 1	3.00	0.57	2.43
		Ant. 2	4.00	0.57	3.43
		Ant. 3	5.00	0.57	**4.43**
		Ant. 4	3.00	0.57	2.43
Band 26/5	814 ~ 849	Ant. 1	3.00	0.57	2.43
		Ant. 2	4.00	0.57	3.43
		Ant. 3	5.00	0.57	**4.43**
		Ant. 4	3.00	0.57	2.43
Band 66/4	1 710 ~ 1 780	Ant. 1	5.00	0.79	4.21
		Ant. 2	4.00	0.79	3.21
		Ant. 3	5.00	0.79	**4.21**
		Ant. 4	4.00	0.79	3.21
Band 25/2	1 850 ~ 1 915	Ant. 1	5.00	0.89	4.11
		Ant. 2	4.00	0.89	3.11
		Ant. 3	5.00	0.89	**4.11**
		Ant. 4	4.00	0.89	3.11
Band 7/41	2 496 ~ 2 690	Ant. 1	5.00	1.04	3.96
		Ant. 2	5.00	1.04	3.96
		Ant. 3	5.00	1.04	**3.96**
		Ant. 4	4.00	1.04	2.96

Test Case

Operating Frequency (㎒)		Ant. 1	Ant. 2	Ant. 3 (basic)	Ant. 4
Band 25/2	1 850 ~ 1 915	-	-	V	-
Band 7/41	2 496 ~ 2 690	-	-	V	-
Band 66/4	1 710 ~ 1 780	-	-	V	-
Band 12, 13, 17 Band 26/5, 71	663 ~ 698 669 ~ 716 777 ~ 787 814 ~ 849	-	-	V	-

Note;

- The EUT has basic antenna (SIM 1: Antenna Box, SIM 2: HKL Mobilradioantenna) and all antennas support all LTE bands.
- For the radiated spurious emission test, Basic Antennas were used at all LTE band. Additional tests were performed using antennas with the highest antenna gain in each band.

1.15. Emission Designator and Max Power

SIM 1

Band	Band width (㎒)	Modulation	Low Freq. (㎒)	Upper Freq. (㎒)	Conducted Average (dB m)	Worst Ant. Gain (dB i)	E.R.P. / E.I.R.P. Average (dB m)	E.R.P. / E.I.R.P. Average (W)	Emission Designator
7	5	QPSK	2 502.5	2 567.5	23.05	5.f4	28.69	0.740	4M50G7W
		16QAM			22.34		27.98	0.628	4M50D7W
	10	QPSK	2 505	2 565	23.00		28.64	0.731	8M94G7W
		16QAM			22.32		27.96	0.625	8M92D7W
	15	QPSK	2 507.5	2 562.5	22.88		28.52	0.711	13M5G7W
		16QAM			22.27		27.91	0.618	13M5D7W
	20	QPSK	2 510	2 560	22.87		28.51	0.710	17M9G7W
		16QAM			22.23		27.87	0.612	17M9D7W
12/17	1.4	QPSK	699.7	715.3	22.41	2.78	23.04	0.201	1M09G7W
		16QAM			21.79		22.42	0.175	1M09D7W
	3	QPSK	700.5	714.5	22.43		23.06	0.202	2M67G7W
		16QAM			21.85		22.48	0.177	2M68D7W
	5	QPSK	701.5	713.5	22.44		23.07	0.203	4M50G7W
		16QAM			21.79		22.42	0.175	4M49D7W
	10	QPSK	704	711	22.60		23.23	0.210	8M94G7W
		16QAM			22.02		22.65	0.184	8M94D7W
13	5	QPSK	779.5	784.5	23.09	2.78	23.72	0.236	4M50G7W
		16QAM			22.47		23.10	0.204	4M52D7W
	10	QPSK	782		23.01		23.64	0.231	8M94G7W
		16QAM			22.43		23.06	0.202	8M92D7W
25/2	1.4	QPSK	1 850.7	1 914.3	22.50	5.38	27.88	0.614	1M09G7W
		16QAM			21.79		27.17	0.521	1M09D7W
	3	QPSK	1 851.5	1 913.5	22.57		27.95	0.624	2M67G7W
		16QAM			21.83		27.21	0.526	2M68D7W
	5	QPSK	1 852.5	1 912.5	22.55		27.93	0.621	4M50G7W
		16QAM			21.96		27.34	0.542	4M50D7W
	10	QPSK	1 855	1 910	22.50		27.88	0.614	8M94G7W
		16QAM			21.92		27.30	0.537	8M92D7W
	15	QPSK	1 857.5	1 907.5	22.58		27.96	0.625	13M5G7W
		16QAM			21.87		27.25	0.531	13M5D7W
	20	QPSK	1 860	1 905	22.61		27.99	0.630	17M9G7W
		16QAM			21.91		27.29	0.536	17M9D7W
26/5 Part 22	1.4	QPSK	824.7	848.3	22.39	2.78	23.02	0.200	1M09G7W
		16QAM			21.36		21.99	0.158	1M09D7W
	3	QPSK	825.5	847.5	22.59		23.22	0.210	2M67G7W
		16QAM			21.47		22.10	0.162	2M68D7W
	5	QPSK	826.5	846.5	22.48		23.11	0.205	4M50G7W
		16QAM			21.46		22.09	0.162	4M50D7W
	10	QPSK	829	844	22.56		23.19	0.208	8M94G7W
		16QAM			21.46		22.09	0.162	8M92D7W
26 Part 22	15	QPSK	831.5	841.5	22.37		23.00	0.200	13M5G7W
		16QAM			21.34		21.97	0.157	13M5D7W

Band	Band width (㎒)	Modulation	Low Freq. (㎒)	Upper Freq. (㎒)	Conducted Average (dB m)	Worst Ant. Gain (dB i)	E.R.P. / E.I.R.P. Average (dB m)	E.R.P. / E.I.R.P. Average (W)	Emission Designator
26 Part 90	1.4	QPSK	814.7	823.3	22.78	2.78	23.41	0.219	1M09G7W
		16QAM			22.22		22.85	0.193	1M09D7W
	3	QPSK	815.5	822.5	22.83		23.46	0.222	2M67G7W
		16QAM			22.23		22.86	0.193	2M68D7W
	5	QPSK	816.5	821.5	22.83		23.46	0.222	4M50G7W
		16QAM			22.16		22.79	0.190	4M50D7W
	10	QPSK	819		22.60		23.23	0.210	8M94G7W
		16QAM			21.93		22.56	0.180	8M92D7W
	15	QPSK	821.5		22.67		23.30	0.214	13M5G7W
		16QAM			22.03		22.66	0.185	13M5D7W
41 FCC	5	QPSK	2 498.5	2 687.5	25.85	5.64	31.49	1.409	4M52G7W
		16QAM			25.34		30.98	1.253	4M50D7W
	10	QPSK	2 501	2 685	25.77		31.41	1.384	8M92G7W
		16QAM			25.27		30.91	1.233	8M92D7W
	15	QPSK	2 503.5	2 682.5	25.78		31.42	1.387	13M5G7W
		16QAM			25.19		30.83	1.211	13M5D7W
	20	QPSK	2 506	2 680	25.81		31.45	1.396	17M9G7W
		16QAM			25.18		30.82	1.208	17M9D7W
41 IC	5	QPSK	2 502.5	2 687.5	25.53		31.17	1.309	4M50G7W
		16QAM			25.22		30.86	1.219	4M49D7W
	10	QPSK	2 505	2 685	25.51		31.15	1.303	8M92G7W
		16QAM			25.24		30.88	1.225	8M92D7W
	15	QPSK	2 507.5	2 682.5	25.47		31.11	1.291	13M5G7W
		16QAM			25.20		30.84	1.213	13M5D7W
	20	QPSK	2 600	2 680	25.51		31.15	1.303	17M9G7W
		16QAM			25.28		30.92	1.236	17M9D7W
66/4	1.4	QPSK	1 710.7	1 779.3	22.71	5.07	27.78	0.600	1M09G7W
		16QAM			22.01		27.08	0.511	1M09D7W
	3	QPSK	1 711.5	1 778.5	22.78		27.85	0.610	2M67G7W
		16QAM			22.08		27.15	0.519	2M68D7W
	5	QPSK	1 712.5	1 777.5	22.73		27.80	0.603	4M49G7W
		16QAM			22.07		27.14	0.518	4M50D7W
	10	QPSK	1 715	1 775	22.71		27.78	0.600	8M94G7W
		16QAM			22.01		27.08	0.511	8M94D7W
	15	QPSK	1 717.5	1 772.5	22.61		27.68	0.586	13M5G7W
		16QAM			21.85		26.92	0.492	13M5D7W
	20	QPSK	1 720	1 770	22.60		27.67	0.585	17M9G7W
		16QAM			21.76		26.83	0.482	17M9D7W
71	5	QPSK	665.5	695.5	22.97	1.98	22.80	0.191	4M53G7W
		16QAM			22.17		22.00	0.158	4M50D7W
	10	QPSK	668	693	22.80		22.63	0.183	8M95G7W
		16QAM			22.14		21.97	0.157	8M93D7W
	15	QPSK	670.5	690.5	22.81		22.64	0.184	13M5G7W
		16QAM			22.20		22.03	0.160	13M5D7W
	20	QPSK	673	688	22.79		22.62	0.183	17M9G7W
		16QAM			22.18		22.01	0.159	17M9D7W

SIM 2

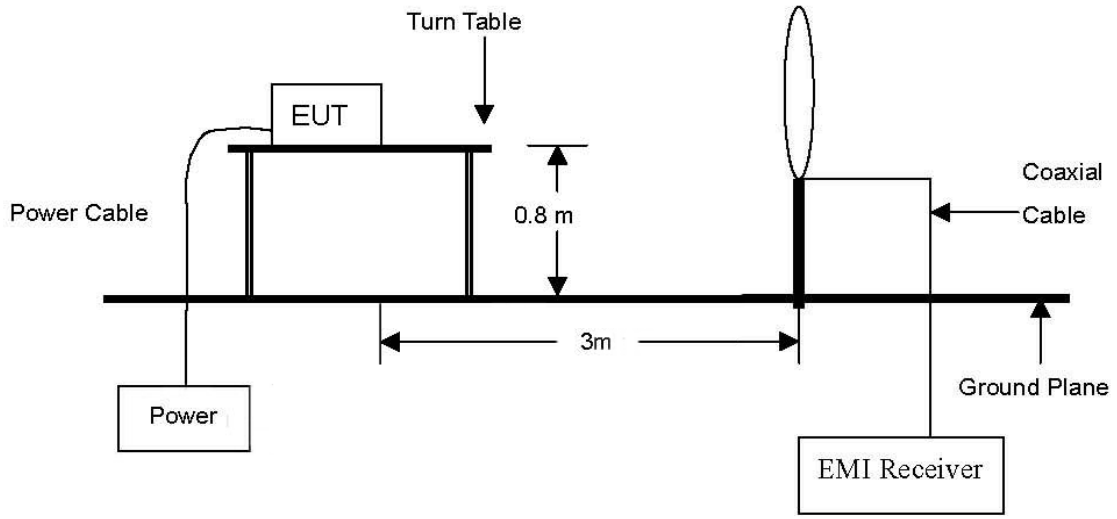
Band	Band width (㎒)	Modulation	Low Freq. (㎒)	Upper Freq. (㎒)	Conducted Average (dB m)	Worst Ant. Gain (dB i)	E.R.P. / E.I.R.P. Average (dB m)	E.R.P. / E.I.R.P. Average (W)	Emission Designator
7	5	QPSK	2 502.5	2 567.5	22.77	3.96	26.73	0.471	4M52G7W
		16QAM			22.13		26.09	0.406	4M52D7W
	10	QPSK	2 505	2 565	22.85		26.81	0.480	8M94G7W
		16QAM			22.06		26.02	0.400	8M97D7W
	15	QPSK	2 507.5	2 562.5	22.69		26.65	0.462	13M5G7W
		16QAM			22.19		26.15	0.412	13M5D7W
	20	QPSK	2 510	2 560	22.74		26.70	0.468	17M9G7W
		16QAM			22.08		26.04	0.402	18M0D7W
12/17	1.4	QPSK	699.7	715.3	22.96	4.43	25.24	0.334	1M09G7W
		16QAM			22.19		24.47	0.280	1M09D7W
	3	QPSK	700.5	714.5	23.09		25.37	0.344	2M68G7W
		16QAM			22.26		24.54	0.284	2M68D7W
	5	QPSK	701.5	713.5	23.16		25.44	0.350	4M50G7W
		16QAM			22.33		24.61	0.289	4M50D7W
	10	QPSK	704	711	23.12		25.40	0.347	8M94G7W
		16QAM			22.46		24.74	0.298	8M94D7W
13	5	QPSK	779.5	784.5	23.64	4.43	25.92	0.391	4M52G7W
		16QAM			23.09		25.37	0.344	4M52D7W
	10	QPSK	782		23.63		25.91	0.390	8M94G7W
		16QAM			23.37		25.65	0.367	8M94D7W
25/2	1.4	QPSK	1 850.7	1 914.3	22.72	4.11	26.83	0.482	1M09G7W
		16QAM			22.10		26.21	0.418	1M10D7W
	3	QPSK	1 851.5	1 913.5	22.73		26.84	0.483	2M69G7W
		16QAM			22.05		26.16	0.413	2M69D7W
	5	QPSK	1 852.5	1 912.5	22.76		26.87	0.486	4M53G7W
		16QAM			22.13		26.24	0.421	4M50D7W
	10	QPSK	1 855	1 910	22.74		26.85	0.484	8M94G7W
		16QAM			22.14		26.25	0.422	8M94D7W
	15	QPSK	1 857.5	1 907.5	22.64		26.75	0.473	13M5G7W
		16QAM			22.19		26.30	0.427	13M5D7W
	20	QPSK	1 860	1 905	22.69		26.80	0.479	17M9G7W
		16QAM			22.25		26.36	0.433	18M0D7W
26/5	1.4	QPSK	824.7	848.3	22.74	4.43	25.02	0.318	1M09G7W
		16QAM			22.23		24.51	0.282	1M09D7W
	3	QPSK	825.5	847.5	22.97		25.25	0.335	2M69G7W
		16QAM			22.19		24.47	0.280	2M68D7W
	5	QPSK	826.5	846.5	22.94		25.22	0.333	4M52G7W
		16QAM			22.23		24.51	0.282	4M50D7W
	10	QPSK	829	844	22.96		25.24	0.334	8M94G7W
		16QAM			22.29		24.57	0.286	8M97D7W
26	15	QPSK	831.5	841.5	22.85		25.13	0.326	13M5G7W
		16QAM			22.18		24.46	0.279	13M5D7W

Band	Band width (㎒)	Modulation	Low Freq. (㎒)	Upper Freq. (㎒)	Conducted Average (dB m)	Worst Ant. Gain (dB i)	E.R.P. / E.I.R.P. Average (dB m)	E.R.P. / E.I.R.P. Average (W)	Emission Designator
26 Part 90	1.4	QPSK	814.7	823.3	22.36	4.43	24.64	0.291	1M09G7W
		16QAM			21.69		23.97	0.249	1M09D7W
	3	QPSK	815.5	822.5	22.62		24.90	0.309	2M69G7W
		16QAM			21.88		24.16	0.261	2M69D7W
	5	QPSK	816.5	821.5	22.61		24.89	0.308	4M52G7W
		16QAM			21.98		24.26	0.267	4M52D7W
	10	QPSK	819		22.51		24.79	0.301	8M94G7W
		16QAM			21.69		23.97	0.249	8M94D7W
	15	QPSK	821.5		22.50		24.78	0.301	13M5G7W
		16QAM			21.83		24.11	0.258	13M5D7W
41 FCC	5	QPSK	2 498.5	2 687.5	25.53	3.96	29.49	0.889	4M53G7W
		16QAM			25.00		28.96	0.787	4M52D7W
	10	QPSK	2 501	2 685	25.53		29.49	0.889	8M94G7W
		16QAM			24.91		28.87	0.771	8M94D7W
	15	QPSK	2 503.5	2 682.5	25.48		29.44	0.879	13M5G7W
		16QAM			24.83		28.79	0.757	13M5D7W
	20	QPSK	2 506	2 680	25.54		29.50	0.891	17M9G7W
		16QAM			25.04		29.00	0.794	17M9D7W
41 IC	5	QPSK	2 502.5	2 687.5	25.27		29.23	0.838	4M53G7W
		16QAM			24.82		28.78	0.755	4M50D7W
	10	QPSK	2 505	2 685	25.45		29.41	0.873	8M94G7W
		16QAM			24.79		28.75	0.750	8M97D7W
	15	QPSK	2 507.5	2 682.5	25.36		29.32	0.855	13M5G7W
		16QAM			24.79		28.75	0.750	13M5D7W
	20	QPSK	2 600	2 680	25.54		29.50	0.891	17M9G7W
		16QAM			24.90		28.86	0.769	17M9D7W
66/4	1.4	QPSK	1 710.7	1 779.3	22.83	4.21	27.04	0.506	1M09G7W
		16QAM			22.17		26.38	0.435	1M09D7W
	3	QPSK	1 711.5	1 778.5	22.93		27.14	0.518	2M68G7W
		16QAM			22.27		26.48	0.445	2M69D7W
	5	QPSK	1 712.5	1 777.5	22.92		27.13	0.516	4M50G7W
		16QAM			22.12		26.33	0.430	4M50D7W
	10	QPSK	1 715	1 775	22.82		27.03	0.505	8M94G7W
		16QAM			22.15		26.36	0.433	8M94D7W
	15	QPSK	1 717.5	1 772.5	22.77		26.98	0.499	13M5G7W
		16QAM			22.03		26.24	0.421	13M5D7W
	20	QPSK	1 720	1 770	22.75		26.96	0.497	17M9G7W
		16QAM			22.03		26.24	0.421	17M9D7W
71	5	QPSK	665.5	695.5	22.53	4.43	24.81	0.303	4M53G7W
		16QAM			21.86		24.14	0.259	4M50D7W
	10	QPSK	668	693	22.54		24.82	0.303	8M95G7W
		16QAM			21.84		24.12	0.258	8M95D7W
	15	QPSK	670.5	690.5	22.46		24.74	0.298	13M5G7W
		16QAM			21.79		24.07	0.255	13M5D7W
	20	QPSK	673	688	22.40		24.68	0.294	17M9G7W
		16QAM			21.84		24.12	0.258	17M9D7W

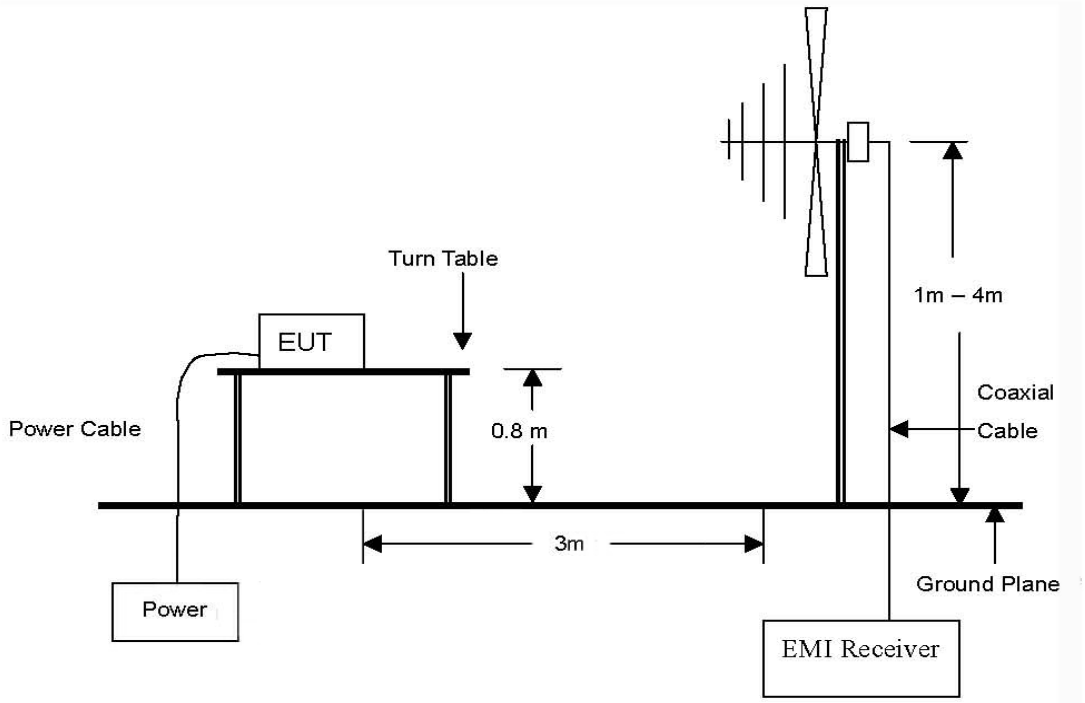
2. E.R.P. / E.I.R.P. & Spurious Radiated Emission

2.1. Test setup

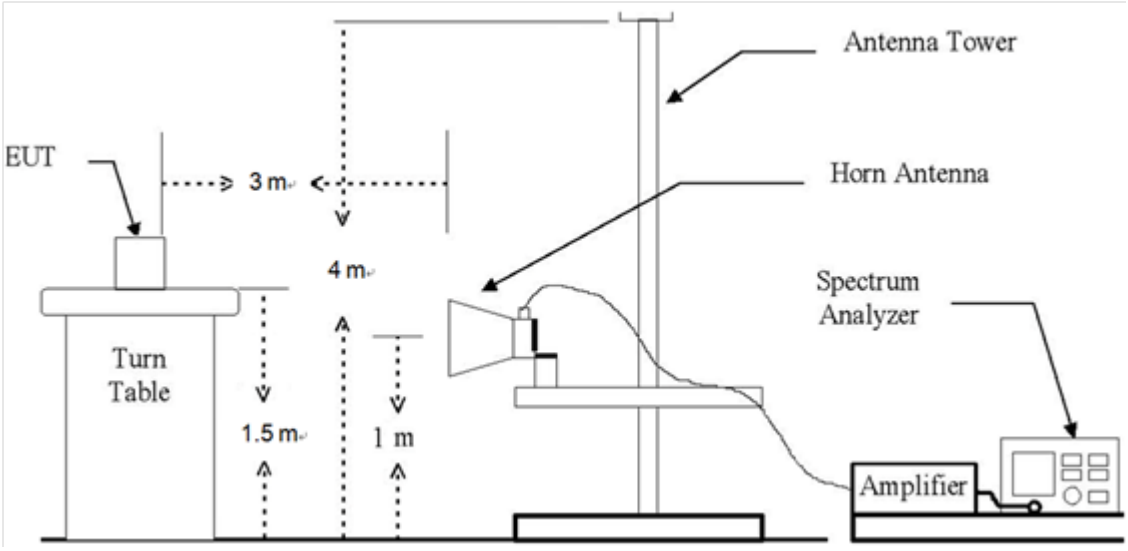
The diagram below shows the test setup that is utilized to make the measurements for emission from 9 ㎑ to 30 ㎒.



The diagram below shows the test setup that is utilized to make the measurements for emission from 30 ㎒ to 1 ㎓ Emissions.



The diagram below shows the test setup that is utilized to make the measurements for emission from 1 ㎓ to 27 ㎓ Emissions.



2.2. Limit

2.2.1. Limit of E.R.P. / E.I.R.P.

FCC
- §22.913(a)(5), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

- §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.

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

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

- §27.50(d)(4), fixed, mobile, and portable (hand-held) stations operating in the 1 710-1 755 ㎒ band and mobile and portable stations operating in the 1 695-1 710 ㎒ and 1 755-1 780 ㎒ bands are limited to 1 watt EIRP.

- §27.50(h)(2), 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.

- §90.635(b), the maximum output power of the transmitter for mobile stations is 100 watts (20 ㏈W).

IC
- RSS-130 Issue 2
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.

For base and fixed equipment other than fixed subscriber equipment, refer to SRSP-518 for the e.i.r.p. limits.

- RSS-132 Issue 3
5.4, the transmitter output power shall be measured in terms of average power.
The equivalent isotropically radiated power (e.i.r.p.) for mobile equipment shall not exceed 11.5 watts.
Refer to SRSP-503 for base station e.i.r.p. limits.

- RSS-133 Issue 6
6.4, the equivalent isotropically radiated power (e.i.r.p.) for transmitters shall not exceed the limits given in SRSP-510. Mobile stations and hand-held portables are limited to 2 watts maximum e.i.r.p. The equipment shall employ means to limit the power to the minimum necessary for successful communication.

- RSS-139 Issue 3
6.5, the equivalent isotropically radiated power (e.i.r.p.) for mobile and portable transmitters shall not exceed one watt. The e.i.r.p. for fixed and base stations in the band 1 710-1 780 ㎒ shall not exceed one watt.

- RSS-199 Issue 3
4.4, the transmitter output power shall be measured in terms of average value.
For base station equipment, refer to SRSP-517 for the maximum permissible e.i.r.p.
For mobile subscriber equipment, the e.i.r.p. shall not exceed 2 W. For fixed subscriber equipment, the transmitter output power shall not exceed 2 W and the e.i.r.p. shall be limited to 40 W.

2.2.2. Limit of Spurious Radiated Emission

FCC

- §22.917(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 + 10log(P) ㏈.

- §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) ㏈.

- §27.53(c)(2), on any frequency outside the 776-788 ㎒ band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) ㏈.

- §27.53(g), 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) ㏈.

- §27.53(h)(1), for operations in the 1 695-1 710 ㎒, 1 710-1 755 ㎒, 1 755-1 780 ㎒, 1 915-1 920 ㎒, 1 995-2 000 ㎒, 2 000-2 020 ㎒, 2 110-2 155 ㎒, 2 155-2 180 ㎒, and 2 180-2 200 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) ㏈.

- §27.53(m)(4), for mobile digital stations, the attenuation factor shall be not less than 40 + 10 $\log_{10}$ (P) ㏈ on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 $\log_{10}$ (P) ㏈ on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 $\log_{10}$ (P) ㏈ on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 $\log_{10}$ (P) ㏈ on all frequencies between 2490.5 ㎒ and 2496 ㎒ and 55 + 10 $\log_{10}$ (P) ㏈ at or below 2490.5 ㎒. Mobile Satellite Service licensees operating on frequencies below 2495 ㎒ 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.

- §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 ㎑, 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 ㎑.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 ㎑, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 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 37.5 ㎑.

IC

- RSS-130 Issue 2

4.7.1, the unwanted emissions in any 100 ㎑ 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 (㏈ W), by at least 43 + 10 $\log_{10}$ p (watts), ㏈. However, in the 100 ㎑ band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 ㎑ may be employed.

- RSS-132 Issue 3

5.5, Mobile and base station equipment shall comply with the limits in (i) and (ii) below.

(i) In the first 1.0 ㎒ band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1 % of the occupied bandwidth shall be attenuated (in ㏈) below the transmitter output power P (㏈ W) by at least 43 + 10 $\log_{10}$ p (watts).

(ii) After the first 1.0 ㎒ immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 ㎑ bandwidth shall be attenuated (in ㏈) below the transmitter output power P (㏈ W) by at least 43 + 10 $\log_{10}$ p (watts). If the measurement is performed using 1 % of the occupied bandwidth, power integration over 100 ㎑ is required.

- RSS-133 Issue 6

6.5, Equipment shall comply with the limits in (i) and (ii) below.

(i) In the 1.0 ㎒ bands immediately outside and adjacent to the equipment's operating frequency block, the emission power per any 1 % of the emission bandwidth shall be attenuated (in ㏈) below the transmitter output power P (㏈ W) by at least 43 + 10 $\log_{10}$ p(watts).

(ii) After the first 1.0 ㎒, the emission power in any 1 ㎒ bandwidth shall be attenuated (in ㏈) below the transmitter output power P (㏈ W) by at least 43 + 10 $\log_{10}$ p(watts). If the measurement is performed using 1 % of the emission bandwidth, power integration over 1.0 ㎒ is required.

- RSS-139 Issue 3

6.6, (i) In the first 1.0 ㎒ bands immediately outside and adjacent to the equipment's smallest operating frequency block, which can contain the equipment's occupied bandwidth, the emission power per any 1 % of the emission bandwidth shall be attenuated below the transmitter output power P (in ㏈ W) by at least 43 + 10 $\log_{10}$ p (watts) ㏈.

(ii) After the first 1.0 ㎒ outside the equipment's smallest operating frequency block, which can contain the equipment's occupied bandwidth, the emission power in any 1 ㎒ bandwidth shall be attenuated below the transmitter output power P (in ㏈ W) by at least 43 + 10 $\log_{10}$ p (watts) ㏈.

- RSS-139 Issue 3
6.6, (i) In the first 1.0 ㎒ bands immediately outside and adjacent to the equipment's smallest operating frequency block, which can contain the equipment's occupied bandwidth, the emission power per any 1 % of the emission bandwidth shall be attenuated below the transmitter output power P (in ㏈ W) by at least 43 + 10 log10 p (watts) ㏈.

(ii) After the first 1.0 ㎒ outside the equipment's smallest operating frequency block, which can contain the equipment's occupied bandwidth, the emission power in any 1 ㎒ bandwidth shall be attenuated below the transmitter output power P (in ㏈ W) by at least 43 + 10 log10 p (watts) ㏈.

- RSS-199 Issue 3
4.5, In the 1 ㎒ band immediately outside and adjacent to the channel edge, the unwanted emission power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth for base station and fixed subscriber equipment, and 2% for mobile subscriber equipment. Beyond the 1 ㎒ band, a resolution bandwidth of 1 ㎒ shall be used. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 ㎒, or 1% or 2% of the occupied bandwidth, as applicable.

Equipment shall comply with the following unwanted emission limits:

for base station and fixed subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in ㏈) below the transmitter power, P (㏈ W), by at least 43 + 10 log10 p for mobile subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in ㏈) below the transmitter power, P (㏈ W), by at least:

i. 40 + 10 log10 p from the channel edges to 5 ㎒ away
ii. 43 + 10 log10 p between 5 ㎒ and X ㎒ from the channel edges, and
iii. 55 + 10 log10 p at X ㎒ and beyond from the channel edges

In addition, the attenuation shall not be less than 43 + 10 log10 p on all frequencies between 2 490.5 ㎒ and 2 496 ㎒, and 55 + 10 log10 p at or below 2 490.5 ㎒.

In (a) and (b), **p** is the transmitter power measured in watts and **X** is 6 ㎒ or the equipment occupied bandwidth, whichever is greater.

2.3. Test Procedure: Based on ANSI/TIA 603E: 2016 and ANSI C63.26-2015 and KDB 971168 D01 Power Meas License Digital Systems v03r01.

1. On a test site, the EUT shall be placed at 0.8 m or 1.5 m 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. Radiated spurious emissions measurement method was set as follows:
   RBW = 100 ㎑ for emissions below 1 ㎓ and 1 ㎒ for emissions above 1 ㎓, VBW ≥ 3 x RBW,
   Detector = RMS, trace mode = max hold, per the guidelines of KDB 971168 D01 Power Meas License Digital Systems v03r01.
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. In necessary, the input attenuator setting on the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver.
11. The test antenna shall be raised and lowered through the specified range of height to ensure that the maximum signal is received.
12. The measurement shall be repeated with the test antenna orientated for horizontal polarization.

2.4. Test results

Ambient temperature : (23 ± 1) ℃
Relative humidity : 47 % R.H.

2.4.1. E.R.P. / E.I.R.P.

SIM 1

Band	Frequency (㎒)	Maximum Conducted Power (dB m)	Maximum Conducted Power (W)	Worst Antenna Gain (dB i)	Maximum E.I.R.P. (dB m)	Maximum E.I.R.P. (W)	Maximum E.R.P. (dB m)	Maximum E.R.P. (W)	Limit
7	2 500 ~ 2 570	23.05	0.202	5.64	28.69	0.740			2 W E.I.R.P.
12/17	699 ~ 716	22.60	0.182	2.78	23.23	0.210	21.08	0.128	3 W E.R.P.
13	777 ~ 787	23.09	0.204	2.78	23.72	0.236	21.57	0.144	3 W E.R.P.
25/2	1 850 ~ 1 915	22.61	0.182	5.38	27.99	0.630			2 W E.I.R.P.
26/5 Part 22	824 ~ 849	22.59	0.182	2.78	23.22	0.210	21.07	0.128	7 W E.R.P.
26 Part 90	814 ~ 824	22.83	0.192	2.78	23.46	0.222	21.31	0.135	100 W
41 FCC	2 496 ~ 2 690	25.85	0.385	5.64	31.49	1.409			2 W E.I.R.P.
41 IC	2 500 ~ 2 690	25.53	0.357	5.64	31.17	1.309			2 W E.I.R.P.
66/4	1 710 ~ 1 755	22.78	0.190	5.07	27.85	0.610			1 W E.I.R.P.
71	663 ~ 698	22.97	0.198	1.98	24.95	0.313	22.80	0.191	3 W E.R.P.

SIM 2

Band	Frequency (㎒)	Maximum Conducted Power (dB m)	Maximum Conducted Power (W)	Worst Antenna Gain (dB i)	Maximum E.I.R.P. (dB m)	Maximum E.I.R.P. (W)	Maximum E.R.P. (dB m)	Maximum E.R.P. (W)	Limit
7	2 500 ~ 2 570	22.85	0.193	3.96	26.81	0.480			2 W E.I.R.P.
12/17	699 ~ 716	23.16	0.207	4.43	25.44	0.350	23.29	0.213	3 W E.R.P.
13	777 ~ 787	23.64	0.231	4.43	25.92	0.391	23.77	0.238	3 W E.R.P.
25/2	1 850 ~ 1 915	22.76	0.189	4.11	26.87	0.486			2 W E.I.R.P.
26/5 Part 22	824 ~ 849	22.97	0.198	4.43	25.25	0.335	23.10	0.204	7 W E.R.P.
26 Part 90	814 ~ 824	22.62	0.183	4.43	24.90	0.309	22.75	0.188	100 W
41 FCC	2 496 ~ 2 690	25.54	0.358	3.96	29.50	0.891			2 W E.I.R.P.
41 IC	2 500 ~ 2 690	25.54	0.358	3.96	29.50	0.891			2 W E.I.R.P.
66/4	1 710 ~ 1 755	22.93	0.196	4.21	27.14	0.518			1 W E.I.R.P.
71	663 ~ 698	22.54	0.179	4.43	26.97	0.498	24.82	0.303	3 W E.R.P.

Remark;

1. E.I.R.P. (dB m) = Maximum Conducted Power (dB m) + Antenna Gain (dB i)
2. E.R.P. (dB m) = E.I.R.P. (dB m) - 2.15 (dB); where E.R.P. and E.I.R.P. are expressed in consistent units.

2.4.2. Spurious radiated emission

SIM 1

LTE band 7 (5 ㎒ - QPSK)_Ant. 1

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 502.5 ㎒)									
10 010.05	41.44	V	37.62	-27.65	51.41	-95.26	**-43.85**	-25	18.85
Above 10 100.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (2 535.0 ㎒)									
10 139.99	38.11	V	37.80	-27.40	48.51	-95.26	-46.75	-25	21.75
Above 10 200.00	Not detected	–	-	-	-	-	-	-	-
High Channel (2 567.5 ㎒)									
10 270.02	37.12	V	37.86	-27.30	47.68	-95.26	-47.58	-25	22.58
Above 10 300.00	Not detected	–	-	-	-	-	-	-	-

LTE band 7 (5 ㎒ - QPSK)_Ant. 2

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 502.5 ㎒)									
5 004.81	47.60	H	33.30	-31.14	49.76	-95.26	-45.50	-25	20.50
5 005.09	50.69	V	33.30	-31.14	52.85	-95.26	-42.41	-25	17.41
Above 5 100.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (2 535.0 ㎒)									
5 069.89	47.59	H	33.34	-31.06	49.87	-95.26	-45.39	-25	20.39
5 070.08	51.09	V	33.34	-31.06	53.37	-95.26	-41.89	-25	16.89
Above 5 100.00	Not detected	–	-	-	-	-	-	-	-
High Channel (2 567.5 ㎒)									
5 135.15	48.71	H	33.47	-30.98	51.20	-95.26	-44.06	-25	19.06
5 134.93	52.36	V	33.47	-30.98	54.85	-95.26	**-40.41**	-25	15.41
Above 5 200.00	Not detected	–	-	-	-	-	-	-	-

LTE band 12/17 (10 ㎒ - QPSK)_Ant. 1

Frequency (㎒)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (704.0 ㎒)									
1 374.84	51.47	H	25.20	-39.58	37.09	-97.41	-60.32	-13	47.32
1 375.07	51.66	V	25.20	-39.43	37.43	-97.41	-59.98	-13	46.98
1 399.20	46.82	H	25.30	-39.64	32.48	-97.41	-64.93	-13	51.93
1 624.98	51.00	H	25.70	-39.00	37.70	-97.41	-59.71	-13	46.71
4 197.73	49.91	H	32.10	-31.87	50.14	-97.41	-47.27	-13	34.27
4 197.37	54.51	V	32.11	-31.87	54.75	-97.41	**-42.66**	-13	29.66
Above 4 200.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (707.5 ㎒)									
1 375.02	50.90	H	25.20	-39.43	36.67	-97.41	-60.74	-13	47.74
1 375.10	51.63	V	25.20	-39.43	37.40	-97.41	-60.01	-13	47.01
1 406.23	51.13	H	25.28	-39.59	36.82	-97.41	-60.59	-13	47.59
1 625.00	51.05	H	25.70	-39.00	37.75	-97.41	-59.66	-13	46.66
4 218.29	47.49	H	32.10	-32.07	47.52	-97.41	-49.89	-13	36.89
4 218.48	46.95	V	32.10	-32.07	46.98	-97.41	-50.43	-13	37.43
Above 4 300.00	Not detected	-	-	-	-	-	-	-	-
High Channel (711.0 ㎒)									
1 374.93	51.25	H	25.20	-39.58	36.87	-97.41	-60.54	-13	47.54
1 375.04	51.32	V	25.20	-39.43	37.09	-97.41	-60.32	-13	47.32
1 413.15	51.79	H	25.25	-39.59	37.45	-97.41	-59.96	-13	46.96
1 624.88	52.57	H	25.70	-39.00	39.27	-97.41	-58.14	-13	45.14
4 239.55	54.47	H	32.10	-32.13	54.44	-97.41	-42.97	-13	29.97
4 239.59	54.28	V	32.10	-32.13	54.25	-97.41	-43.16	-13	30.16
Above 4 300.00	Not detected	-	-	-	-	-	-	-	-

LTE band 13 (5 ㎒ - QPSK)_Ant. 1

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (779.5 ㎒)									
1 375.21	50.86	H	25.20	-39.43	36.63	-97.41	-60.78	-13	47.78
1 375.02	51.71	V	25.20	-39.43	37.48	-97.41	-59.93	-13	46.93
1 559.04	46.46	H	25.35	-39.34	32.47	-97.41	-64.94	-13	51.94
1 625.02	52.09	H	25.70	-38.99	38.80	-97.41	-58.61	-13	45.61
Above 1 700.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (782.0 ㎒)									
1 374.92	51.45	H	25.20	-39.58	37.07	-97.41	-60.34	-13	47.34
1 374.91	51.52	V	25.20	-39.58	37.14	-97.41	-60.27	-13	47.27
1 564.23	51.01	H	25.39	-39.35	37.05	-97.41	-60.36	-13	47.36
1 624.99	51.49	H	25.70	-39.00	38.19	-97.41	-59.22	-13	46.22
Above 1 700.00	Not detected	-	-	-	-	-	-	-	-
High Channel (784.5 ㎒)									
1 375.12	51.42	H	25.20	-39.43	37.19	-97.41	-60.22	-13	47.22
1 375.20	51.70	V	25.20	-39.43	37.47	-97.41	-59.94	-13	46.94
1 569.15	49.86	H	25.41	-39.35	35.92	-97.41	-61.49	-13	48.49
1 625.18	52.64	H	25.70	-38.99	39.35	-97.41	**-58.06**	-13	45.06
Above 1 700.00	Not detected	-	-	-	-	-	-	-	-

LTE band 25/2 (20 ㎒ - QPSK)_Ant. 1

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 860.0 ㎒)									
3 720.33	44.48	H	32.18	-34.14	42.52	-95.26	-52.74	-13	39.74
3 720.10	46.98	V	32.18	-34.14	45.02	-95.26	-50.24	-13	37.24
Above 3 800.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (1 882.5 ㎒)									
3 765.06	48.75	H	32.27	-33.65	47.37	-95.26	-47.89	-13	34.89
3 765.06	50.78	V	32.27	-33.65	49.40	-95.26	**-45.86**	-13	32.86
Above 3 800.00	Not detected	–	-	-	-	-	-	-	-
High Channel (1 905.0 ㎒)									
3 810.01	46.77	H	32.18	-32.89	46.06	-95.26	-49.20	-13	36.20
3 810.14	49.41	V	32.18	-32.89	48.70	-95.26	-46.56	-13	33.56
Above 3 900.00	Not detected	–	-	-	-	-	-	-	-

LTE band 25/2 (20 ㎒ - QPSK)_Ant. 2

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 860.0 ㎒)									
3 720.13	46.47	H	32.18	-34.14	44.51	-95.26	-50.75	-13	37.75
3 720.07	49.55	V	32.18	-34.14	47.59	-95.26	-47.67	-13	34.67
Above 3 800.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (1 882.5 ㎒)									
3 765.19	49.72	H	32.27	-33.65	48.34	-95.26	-46.92	-13	33.92
3 765.27	51.52	V	32.27	-33.65	50.14	-95.26	**-45.12**	-13	32.12
Above 3 800.00	Not detected	–	-	-	-	-	-	-	-
High Channel (1 905.0 ㎒)									
3 810.25	46.12	H	32.18	-32.89	45.41	-95.26	-49.85	-13	36.85
3 810.04	49.35	V	32.18	-32.89	48.64	-95.26	-46.62	-13	33.62
Above 3 900.00	Not detected	–	-	-	-	-	-	-	-

LTE band 26/5_Part 22 (5 ㎒ - QPSK)_Ant. 1

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (826.5 ㎒)									
1 374.98	53.77	H	25.20	-39.57	39.40	-97.41	-58.01	-13	45.01
1 375.02	51.58	V	25.20	-39.43	37.35	-97.41	-60.06	-13	47.06
1 625.22	51.56	H	25.70	-38.99	38.27	-97.41	-59.14	-13	46.14
4 143.18	47.78	H	32.19	-33.01	46.96	-97.41	-50.45	-13	37.45
4 143.48	48.17	V	32.19	-33.01	47.35	-97.41	-50.06	-13	37.06
Above 4 200.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (836.5 ㎒)									
1 375.02	53.91	H	25.20	-39.43	39.68	-97.41	-57.73	-13	44.73
1 375.11	52.01	V	25.20	-39.43	37.78	-97.41	-59.63	-13	46.63
1 625.14	51.49	H	25.70	-38.99	38.20	-97.41	-59.21	-13	46.21
4 193.21	51.01	H	32.11	-31.91	51.21	-97.41	-46.20	-13	33.20
4 193.27	48.11	V	32.11	-31.90	48.32	-97.41	-49.09	-13	36.09
Above 4 200.00	Not detected	–	-	-	-	-	-	-	-
High Channel (846.5 ㎒)									
1 374.87	53.85	H	25.20	-39.58	39.47	-97.41	-57.94	-13	44.94
1 374.87	51.74	V	25.20	-39.58	37.36	-97.41	-60.05	-13	47.05
1 625.26	51.72	H	25.70	-38.99	38.43	-97.41	-58.98	-13	45.98
4 243.36	56.89	H	32.10	-32.11	56.88	-97.41	**-40.53**	-13	27.53
4 242.70	42.93	V	32.10	-32.11	42.92	-97.41	-54.49	-13	41.49
Above 4 300.00	Not detected	–	-	-	-	-	-	-	-

LTE band 26_Part 90 (5 ㎒ - QPSK)_Ant. 1

Frequency (㎒)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (816.5 ㎒)									
1 375.21	52.99	H	25.20	-39.43	38.76	-97.41	-58.65	-13	45.65
1 375.10	51.89	V	25.20	-39.43	37.66	-97.41	-59.75	-13	46.75
1 624.99	51.63	H	25.70	-39.00	38.33	-97.41	-59.08	-13	46.08
4 093.32	46.55	H	32.10	-32.81	45.84	-97.41	-51.57	-13	38.57
4 093.62	43.70	V	32.10	-32.81	42.99	-97.41	-54.42	-13	41.42
Above 4 100.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (819.0 ㎒)									
1 374.89	53.24	H	25.20	-39.58	38.86	-97.41	-58.55	-13	45.55
1 375.13	51.38	V	25.20	-39.43	37.15	-97.41	-60.26	-13	47.26
1 625.03	51.45	H	25.70	-38.99	38.16	-97.41	-59.25	-13	46.25
4 106.13	48.04	H	32.11	-32.94	47.21	-97.41	-50.20	-13	37.20
4 106.04	46.84	V	32.11	-32.94	46.01	-97.41	-51.40	-13	38.40
Above 4 200.00	Not detected	-	-	-	-	-	-	-	-
High Channel (821.5 ㎒)									
1 375.05	53.61	H	25.20	-39.43	39.38	-97.41	-58.03	-13	45.03
1 374.95	51.84	V	25.20	-39.58	37.46	-97.41	-59.95	-13	46.95
1 625.13	51.65	H	25.70	-38.99	38.36	-97.41	-59.05	-13	46.05
4 118.21	50.63	H	32.14	-32.81	49.96	-97.41	**-47.45**	-13	34.45
4 118.25	48.28	V	32.14	-32.81	47.61	-97.41	-49.80	-13	36.80
Above 4 200.00	Not detected	-	-	-	-	-	-	-	-

LTE band 41_FCC (5 ㎒ - QPSK)_Ant. 1

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 498.5 ㎒)									
7 489.53	42.55	V	36.10	-28.04	50.61	-95.26	-44.65	-25	19.65
9 986.02	44.10	V	37.60	-27.29	54.41	-95.26	**-40.85**	-25	15.85
Above 10 000.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (2 593.0 ㎒)									
7 772.95	38.93	V	35.90	-27.46	47.37	-95.26	-47.89	-25	22.89
10 364.07	37.39	V	37.77	-26.58	48.58	-95.26	-46.68	-25	21.68
Above 10 400.00	Not detected	–	-	-	-	-	-	-	-
High Channel (2 687.5 ㎒)									
8 056.58	38.62	V	36.21	-27.29	47.54	-95.26	-47.72	-25	22.72
Above 8 100.00	Not detected	–	-	-	-	-	-	-	-

LTE band 41_FCC (5 ㎒ - QPSK)_Ant. 2

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 498.5 ㎒)									
4 992.80	43.47	H	33.30	-30.13	46.64	-95.26	-48.62	-25	23.62
4 993.03	48.70	V	33.30	-30.13	51.87	-95.26	-43.39	-25	18.39
7 489.54	42.47	V	36.10	-28.04	50.53	-95.26	-44.73	-25	19.73
9 986.10	44.55	V	37.60	-27.29	54.86	-95.26	-40.40	-25	15.40
Above 10 000.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (2 593.0 ㎒)									
5 182.16	49.58	H	33.56	-30.97	52.17	-95.26	-43.09	-25	18.09
5 182.05	57.84	V	33.56	-30.97	60.43	-95.26	-34.83	-25	9.83
7 773.17	38.04	V	35.90	-27.46	46.48	-95.26	-48.78	-25	23.78
10 363.84	40.16	V	37.77	-26.58	51.35	-95.26	-43.91	-25	18.91
Above 10 400.00	Not detected	–	-	-	-	-	-	-	-
High Channel (2 687.5 ㎒)									
5 371.17	49.54	H	34.10	-29.75	53.89	-95.26	-41.37	-25	16.37
5 371.13	58.99	V	34.10	-29.75	63.34	-95.26	**-31.92**	-25	6.92
8 056.54	39.79	V	36.21	-27.29	48.71	-95.26	-46.55	-25	21.55
Above 8 100.00	Not detected	–	-	-	-	-	-	-	-

LTE band 41_IC (5 ㎒ - QPSK)_Ant. 1

Frequency (㎒)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 502.5 ㎒)									
7 501.42	40.34	V	36.10	-28.10	48.34	-95.26	-46.92	-25	21.92
10 002.06	43.73	V	37.60	-27.65	53.68	-95.26	**-41.58**	-25	16.58
Above 10 100.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (2 595.0 ㎒)									
7 779.29	38.56	V	35.90	-28.17	46.29	-95.26	-48.97	-25	23.97
10 372.16	36.51	V	37.76	-26.59	47.68	-95.26	-47.58	-25	22.58
Above 10 400.00	Not detected	–	-	-	-	-	-	-	-
High Channel (2 687.5 ㎒)									
Below 1 000.00	Not detected	–	-	-	-	-	-	-	-
Above 1 000.00	Not detected	–	-	-	-	-	-	-	-

LTE band 41_IC (5 ㎒ - QPSK)_Ant. 2

Frequency (㎒)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 502.5 ㎒)									
5 000.93	48.35	H	33.30	-31.07	50.58	-95.26	-44.68	-25	19.68
5 001.07	48.51	V	33.30	-31.08	50.73	-95.26	-44.53	-25	19.53
7 501.42	41.17	V	36.10	-28.10	49.17	-95.26	-46.09	-25	21.09
10 002.14	44.82	V	37.60	-27.65	54.77	-95.26	-40.49	-25	15.49
Above 10 100.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (2 595.0 ㎒)									
5 186.01	49.88	H	33.57	-31.03	52.42	-95.26	-42.84	-25	17.84
5 186.02	56.14	V	33.57	-31.03	58.68	-95.26	**-36.58**	-25	11.58
7 779.15	38.14	V	35.90	-28.17	45.87	-95.26	-49.39	-25	24.39
10 371.86	40.49	V	37.76	-26.58	51.67	-95.26	-43.59	-25	18.59
Above 10 400.00	Not detected	–	-	-	-	-	-	-	-
High Channel (2 687.5 ㎒)									
Below 1 000.00	Not detected	–	-	-	-	-	-	-	-
Above 1 000.00	Not detected	–	-	-	-	-	-	-	-

LTE band 66/4 (3 ㎒ - QPSK)_Ant. 1

Frequency (㎒)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 711.5 ㎒)									
Below 1 000.00	Not detected	–	-	-	-	-	-	-	-
Above 1 000.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (1 745.0 ㎒)									
Below 1 000.00	Not detected	–	-	-	-	-	-	-	-
Above 1 000.00	Not detected	–	-	-	-	-	-	-	-
High Channel (1 778.5 ㎒)									
Below 1 000.00	Not detected	–	-	-	-	-	-	-	-
Above 1 000.00	Not detected	–	-	-	-	-	-	-	-

LTE band 71 (5 ㎒ - QPSK)_Ant. 1

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (665.5 ㎒)									
1 375.02	53.14	H	25.20	-39.43	38.91	-97.41	-58.50	-13	45.50
1 375.13	51.46	V	25.20	-39.43	37.23	-97.41	-60.18	-13	47.18
1 625.24	51.53	H	25.70	-38.99	38.24	-97.41	-59.17	-13	46.17
3 992.87	52.86	H	32.20	-31.19	53.87	-97.41	-43.54	-13	30.54
3 992.91	53.04	V	32.20	-31.19	54.05	-97.41	**-43.36**	-13	30.36
Above 4 000.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (680.5 ㎒)									
1 375.11	53.65	H	25.20	-39.58	38.86	-97.41	-58.55	-13	45.55
1 374.89	51.36	V	25.20	-39.43	37.15	-97.41	-60.26	-13	47.26
1 624.88	51.65	H	25.70	-38.99	38.16	-97.41	-59.25	-13	46.25
4 082.91	48.48	H	32.11	-32.94	47.21	-97.41	-50.20	-13	37.20
4 082.77	47.60	V	32.11	-32.94	46.01	-97.41	-51.40	-13	38.40
Above 4 100.00	Not detected	–	-	-	-	-	-	-	-
High Channel (695.5 ㎒)									
1 375.06	53.77	H	25.20	-39.43	39.54	-97.41	-57.87	-13	44.87
1 375.09	51.69	V	25.20	-39.43	37.46	-97.41	-59.95	-13	46.95
1 624.93	51.58	H	25.70	-39.00	38.28	-97.41	-59.13	-13	46.13
4 173.10	50.42	H	32.15	-31.59	50.98	-97.41	-46.43	-13	33.43
4 173.13	51.68	V	32.15	-31.59	52.24	-97.41	-45.17	-13	32.17
Above 4 200.00	Not detected	–	-	-	-	-	-	-	-

LTE band 71 (5 ㎒ - QPSK)_Ant. 3

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (665.5 ㎒)									
1 331.06	62.71	H	25.06	-39.88	47.89	-97.41	-49.52	-13	36.52
1 331.09	55.71	V	25.06	-39.88	40.89	-97.41	-56.52	-13	43.52
1 374.93	50.94	H	25.20	-39.58	36.56	-97.41	-60.85	-13	47.85
1 375.16	50.21	V	25.20	-39.43	35.98	-97.41	-61.43	-13	48.43
1 625.25	47.26	H	25.70	-38.99	33.97	-97.41	-63.44	-13	50.44
3 993.01	49.08	H	32.20	-31.19	50.09	-97.41	-47.32	-13	34.32
3 993.02	51.42	V	32.20	-31.19	52.43	-97.41	-44.98	-13	31.98
Above 4 000.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (680.5 ㎒)									
1 361.04	61.14	H	25.14	-39.73	46.55	-97.41	-50.86	-13	37.86
1 361.05	49.33	V	25.14	-39.73	34.74	-97.41	-62.67	-13	49.67
1 375.15	51.08	H	25.20	-39.43	36.85	-97.41	-60.56	-13	47.56
1 375.03	50.34	V	25.20	-39.43	36.11	-97.41	-61.30	-13	48.30
1 625.19	47.18	H	25.70	-38.99	33.89	-97.41	-63.52	-13	50.52
4 083.01	49.30	H	32.10	-32.68	48.72	-97.41	-48.69	-13	35.69
4 083.05	47.66	V	32.10	-32.68	47.08	-97.41	-50.33	-13	37.33
Above 4 100.00	Not detected	–	-	-	-	-	-	-	-
High Channel (695.5 ㎒)									
1 375.07	50.96	H	25.20	-39.43	36.73	-97.41	-60.68	-13	47.68
1 375.09	50.15	V	25.20	-39.43	35.92	-97.41	-61.49	-13	48.49
1 390.84	58.13	H	25.26	-39.56	43.83	-97.41	-53.58	-13	40.58
1 391.08	49.86	V	25.26	-39.56	35.56	-97.41	-61.85	-13	48.85
1 624.99	47.37	H	25.70	-39.00	34.07	-97.41	-63.34	-13	50.34
4 172.97	54.32	H	32.15	-31.60	54.87	-97.41	**-42.54**	-13	29.54
4 173.02	44.88	V	32.15	-31.59	45.44	-97.41	-51.97	-13	38.97
Above 4 200.00	Not detected	–	-	-	-	-	-	-	-

SIM 2

LTE band 7 (10 ㎒ - QPSK)_Ant. 3

Frequency (㎒)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 505.0 ㎒)									
5 001.37	46.56	H	33.30	-31.08	48.78	-95.26	-46.48	-25	21.48
5 001.13	47.76	V	33.30	-31.08	49.98	-95.26	**-45.28**	-25	20.28
Above 5 100.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (2 535.0 ㎒)									
5 061.14	41.61	H	33.32	-31.03	43.90	-95.26	-51.36	-25	26.36
5 061.31	44.12	V	33.32	-31.03	46.41	-95.26	-48.85	-25	23.85
Above 5 100.00	Not detected	-	-	-	-	-	-	-	-
High Channel (2 565.0 ㎒)									
5 121.24	40.63	H	33.44	-30.30	43.77	-95.26	-51.49	-25	26.49
5 121.13	42.74	V	33.44	-30.30	45.88	-95.26	-49.38	-25	24.38
Above 5 200.00	Not detected	-	-	-	-	-	-	-	-

LTE band 12/17 (5 ㎒ - QPSK)_Ant. 3

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (701.5 ㎒)									
1 374.89	51.10	H	25.20	-39.58	36.72	-97.41	-60.69	-13	47.69
1 374.90	47.97	V	25.20	-39.58	33.59	-97.41	-63.82	-13	50.82
1 398.73	53.18	H	25.29	-39.63	38.84	-97.41	-58.57	-13	45.57
1 398.74	50.82	V	25.29	-39.63	36.48	-97.41	-60.93	-13	47.93
1 624.94	49.12	H	25.70	-39.00	35.82	-97.41	-61.59	-13	48.59
1 625.06	46.82	V	25.70	-38.99	33.53	-97.41	-63.88	-13	50.88
Above 1 700.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (707.5 ㎒)									
1 375.09	50.82	H	25.20	-39.43	36.59	-97.41	-60.82	-13	47.82
1 374.94	47.72	V	25.20	-39.58	33.34	-97.41	-64.07	-13	51.07
1 410.78	53.52	H	25.26	-39.59	39.19	-97.41	-58.22	-13	45.22
1 410.72	55.57	V	25.26	-39.59	41.24	-97.41	**-56.17**	-13	43.17
1 625.13	49.11	H	25.70	-38.99	35.82	-97.41	-61.59	-13	48.59
1 624.96	46.71	V	25.70	-39.00	33.41	-97.41	-64.00	-13	51.00
Above 1 700.00	Not detected	-	-	-	-	-	-	-	-
High Channel (713.5 ㎒)									
1 375.09	51.18	H	25.20	-39.43	36.95	-97.41	-60.46	-13	47.46
1 374.88	47.80	V	25.20	-39.58	33.42	-97.41	-63.99	-13	50.99
1 422.48	50.75	H	25.21	-39.58	36.38	-97.41	-61.03	-13	48.03
1 422.56	52.43	V	25.21	-39.58	38.06	-97.41	-59.35	-13	46.35
1 624.99	48.81	H	25.70	-39.00	35.51	-97.41	-61.90	-13	48.90
1 625.25	47.28	V	25.70	-38.99	33.99	-97.41	-63.42	-13	50.42
Above 1 700.00	Not detected	-	-	-	-	-	-	-	-

LTE band 13 (5 ㎒ - QPSK)_Ant. 3

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (779.5 ㎒)									
1 375.01	49.39	H	25.20	-39.43	35.16	-97.41	-62.25	-13	49.25
1 374.92	48.84	V	25.20	-39.58	34.46	-97.41	-62.95	-13	49.95
1 563.38	51.67	H	25.38	-39.35	37.70	-97.41	**-59.71**	-13	46.71
1 563.39	50.71	V	25.38	-39.35	36.74	-97.41	-60.67	-13	47.67
1 625.03	49.07	H	25.70	-38.99	35.78	-97.41	-61.63	-13	48.63
1 624.91	46.97	V	25.70	-39.00	33.67	-97.41	-63.74	-13	50.74
Above 1 700.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (782.0 ㎒)									
1 375.09	49.16	H	25.20	-39.43	34.93	-97.41	-62.48	-13	49.48
1 374.96	49.04	V	25.20	-39.58	34.66	-97.41	-62.75	-13	49.75
1 568.21	52.16	H	25.41	-39.35	38.22	-97.41	-59.19	-13	46.19
1 568.33	50.94	V	25.41	-39.35	37.00	-97.41	-60.41	-13	47.41
1 625.14	49.24	H	25.70	-38.99	35.95	-97.41	-61.46	-13	48.46
1 625.20	46.90	V	25.70	-38.99	33.61	-97.41	-63.80	-13	50.80
Above 1 700.00	Not detected	-	-	-	-	-	-	-	-
High Channel (784.5 ㎒)									
1 374.97	49.49	H	25.20	-39.58	35.11	-97.41	-62.30	-13	49.30
1 375.12	49.80	V	25.20	-39.43	35.57	-97.41	-61.84	-13	48.84
1 573.33	49.24	H	25.44	-39.37	35.31	-97.41	-62.10	-13	49.10
1 573.33	48.66	V	25.44	-39.37	34.73	-97.41	-62.68	-13	49.68
1 624.88	49.23	H	25.70	-39.00	35.93	-97.41	-61.48	-13	48.48
1 625.01	46.89	V	25.70	-38.99	33.60	-97.41	-63.81	-13	50.81
Above 1 700.00	Not detected	-	-	-	-	-	-	-	-

LTE band 25/2 (5 ㎒ - QPSK)_Ant. 3

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 852.5 ㎒)									
3 705.14	43.40	V	32.12	-34.36	41.16	-95.26	-54.10	-13	41.10
5 557.63	45.49	V	34.00	-30.21	49.28	-95.26	-45.98	-13	32.98
7 999.96	40.94	V	36.10	-27.24	49.80	-95.26	-45.46	-13	32.46
Above 8 000.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (1 882.5 ㎒)									
3 764.94	45.17	V	32.27	-33.65	43.79	-95.26	-51.47	-13	38.47
5 647.34	45.06	V	34.00	-30.12	48.94	-95.26	-46.32	-13	33.32
7 999.70	40.82	V	36.10	-27.24	49.68	-95.26	-45.58	-13	32.58
Above 8 000.00	Not detected	–	-	-	-	-	-	-	-
High Channel (1 912.5 ㎒)									
3 825.06	45.07	V	32.15	-32.63	44.59	-95.26	-50.67	-13	37.67
5 737.48	39.94	V	34.00	-30.10	43.84	-95.26	-51.42	-13	38.42
7 999.48	41.38	V	36.10	-27.23	50.25	-95.26	**-45.01**	-13	32.01
Above 8 000.00	Not detected	–	-	-	-	-	-	-	-

LTE band 26/5_Part 22 (3 ㎒ - QPSK)_Ant. 3

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (825.5 ㎒)									
1 374.96	49.71	H	25.20	-39.58	35.33	-97.41	-62.08	-13	49.08
1 375.15	49.20	V	25.20	-39.43	34.97	-97.41	-62.44	-13	49.44
1 625.01	48.97	H	25.70	-38.99	35.68	-97.41	-61.73	-13	48.73
1 650.96	49.67	V	25.81	-38.76	36.72	-97.41	**-60.69**	-13	47.69
Above 1 700.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (836.5 ㎒)									
1 375.07	49.65	H	25.20	-39.43	35.42	-97.41	-61.99	-13	48.99
1 374.86	50.00	V	25.20	-39.58	35.62	-97.41	-61.79	-13	48.79
1 624.96	49.17	H	25.70	-39.00	35.87	-97.41	-61.54	-13	48.54
1 672.81	44.29	V	26.03	-38.64	31.68	-97.41	-65.73	-13	52.73
Above 1 700.00	Not detected	–	-	-	-	-	-	-	-
High Channel (847.5 ㎒)									
1 374.96	49.88	H	25.20	-39.58	35.50	-97.41	-61.91	-13	48.91
1 374.97	49.52	V	25.20	-39.58	35.14	-97.41	-62.27	-13	49.27
1 625.04	49.36	H	25.70	-38.99	36.07	-97.41	-61.34	-13	48.34
1 694.99	46.02	V	26.25	-38.55	33.72	-97.41	-63.69	-13	50.69
Above 1 700.00	Not detected	–	-	-	-	-	-	-	-

LTE band 26_Part 90 (3 ㎒ - QPSK)_Ant. 3

Frequency (㎒)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (815.5 ㎒)									
1 375.03	49.91	H	25.20	-39.43	35.68	-97.41	-61.73	-13	48.73
1 374.86	50.33	V	25.20	-39.58	35.95	-97.41	-61.46	-13	48.46
1 625.12	49.05	H	25.70	-38.99	35.76	-97.41	-61.65	-13	48.65
1 633.39	53.02	V	25.73	-38.98	39.77	-97.41	**-57.64**	-13	44.64
Above 1 700.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (819.0 ㎒)									
1 375.12	49.85	H	25.20	-39.43	35.62	-97.41	-61.79	-13	48.79
1 375.09	49.36	V	25.20	-39.43	35.13	-97.41	-62.28	-13	49.28
1 625.03	48.72	H	25.70	-38.99	35.43	-97.41	-61.98	-13	48.98
1 640.42	48.28	V	25.76	-38.96	35.08	-97.41	-62.33	-13	49.33
Above 1 700.00	Not detected	–	-	-	-	-	-	-	-
High Channel (822.5 ㎒)									
1 375.06	49.56	H	25.20	-39.43	35.33	-97.41	-62.08	-13	49.08
1 375.03	49.51	V	25.20	-39.43	35.28	-97.41	-62.13	-13	49.13
1 624.81	48.71	H	25.70	-39.00	35.41	-97.41	-62.00	-13	49.00
1 647.60	46.76	V	25.79	-38.94	33.61	-97.41	-63.80	-13	50.80
Above 1 700.00	Not detected	–	-	-	-	-	-	-	-

LTE band 41_FCC (20 ㎒ - QPSK)_Ant. 3

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 506.0 ㎒)									
5 012.24	44.06	H	33.30	-31.26	46.10	-95.26	-49.16	-25	24.16
5 012.10	53.20	V	33.30	-31.26	55.24	-95.26	**-40.02**	-25	15.02
Above 5 100.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (2 593.0 ㎒)									
5 186.30	46.90	H	33.57	-31.04	49.43	-95.26	-45.83	-25	20.83
5 186.05	51.96	V	33.57	-31.03	54.50	-95.26	-40.76	-25	15.76
7 779.28	43.40	V	35.90	-28.17	51.13	-95.26	-44.13	-25	19.13
Above 7 800.00	Not detected	–	-	-	-	-	-	-	-
High Channel (2 680.0 ㎒)									
5 190.16	45.77	H	33.58	-31.09	48.26	-95.26	-47.00	-25	22.00
5 190.25	51.76	V	33.58	-31.10	54.24	-95.26	-41.02	-25	16.02
7 785.35	43.40	V	35.90	-28.21	51.09	-95.26	-44.17	-25	19.17
Above 7 800.00	Not detected	–	-	-	-	-	-	-	-

LTE band 41_IC (20 ㎒ - QPSK)_Ant. 3

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 506.0 ㎒)									
5 020.18	45.41	H	33.30	-31.39	47.32	-95.26	-47.94	-25	22.94
5 020.27	54.33	V	33.30	-31.39	56.24	-95.26	**-39.02**	-25	14.02
7 530.40	39.97	V	36.04	-28.10	47.91	-95.26	-47.35	-25	22.35
Above 7 600.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (2 595.0 ㎒)									
5 190.16	45.77	H	33.58	-31.09	48.26	-95.26	-47.00	-25	22.00
5 190.25	51.76	V	33.58	-31.10	54.24	-95.26	-41.02	-25	16.02
7 785.35	43.40	V	35.90	-28.21	51.09	-95.26	-44.17	-25	19.17
Above 7 800.00	Not detected	-	-	-	-	-	-	-	-
High Channel (2 680.0 ㎒)									
Below 1 000.00	Not detected	-	-	-	-	-	-	-	-
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

LTE band 66/4 (3 ㎒ - QPSK)_Ant. 3

Frequency (㎒)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 711.5 ㎒)									
Below 1 000.00	Not detected	–	-	-	-	-	-	-	-
Above 1 000.00	Not detected	–	-	-	-	-	-	-	-
Middle Channel (1 745.0 ㎒)									
Below 1 000.00	Not detected	–	-	-	-	-	-	-	-
Above 1 000.00	Not detected	–	-	-	-	-	-	-	-
High Channel (1 778.5 ㎒)									
Below 1 000.00	Not detected	–	-	-	-	-	-	-	-
Above 1 000.00	Not detected	–	-	-	-	-	-	-	-

LTE band 71 (10 ㎒ - QPSK)_Ant. 3

Frequency (㎒)	Measured Level (dB㎶)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB㎶/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (668.0 ㎒)									
1 327.19	53.08	H	25.05	-39.86	38.27	-97.41	-59.14	-13	46.14
1 327.23	47.87	V	25.05	-39.86	33.06	-97.41	-64.35	-13	51.35
1 375.22	48.54	H	25.20	-39.43	34.31	-97.41	-63.10	-13	50.10
1 374.96	49.94	V	25.20	-39.58	35.56	-97.41	-61.85	-13	48.85
1 625.01	49.11	H	25.70	-38.99	35.82	-97.41	-61.59	-13	48.59
1 624.86	46.93	V	25.70	-39.00	33.63	-97.41	-63.78	-13	50.78
Above 1 700.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (680.5 ㎒)									
1 352.28	51.41	H	25.11	-39.82	36.70	-97.41	-60.71	-13	47.71
1 352.26	46.38	V	25.11	-39.82	31.67	-97.41	-65.74	-13	52.74
1 374.87	48.51	H	25.20	-39.58	34.13	-97.41	-63.28	-13	50.28
1 374.87	49.81	V	25.20	-39.58	35.43	-97.41	-61.98	-13	48.98
1 624.83	49.31	H	25.70	-39.00	36.01	-97.41	-61.40	-13	48.40
1 625.01	47.14	V	25.70	-38.99	33.85	-97.41	-63.56	-13	50.56
Above 1 700.00	Not detected	-	-	-	-	-	-	-	-
High Channel (693.0 ㎒)									
1 375.16	48.89	H	25.20	-39.43	34.66	-97.41	-62.75	-13	49.75
1 375.22	49.47	V	25.20	-39.43	35.24	-97.41	-62.17	-13	49.17
1 377.04	55.96	H	25.21	-39.45	41.72	-97.41	-55.69	-13	42.69
1 377.27	55.99	V	25.21	-39.45	41.75	-97.41	**-55.66**	-13	42.66
1 625.04	49.18	H	25.70	-38.99	35.89	-97.41	-61.52	-13	48.52
1 624.71	46.99	V	25.70	-39.00	33.69	-97.41	-63.72	-13	50.72
Above 1 700.00	Not detected	-	-	-	-	-	-	-	-

Remark;

1. AF = Antenna Factor, CL = Cable Loss, CF = Conversion Factor.
2. E (dB㎶/m) = Measured Level (dB㎶) + Antenna Factor (dB/m) + AMP (dB) + Cable Loss (dB).
3. E.I.R.P. (dB m) = E (dB㎶/m) + CF (dB).
4. E.R.P. (dB m) = E (dB㎶/m) + CF (dB) - 2.15 (dB); where E.R.P. and E.I.R.P. are expressed in consistent units.
5. CF (dB) = 20 log D - 104.8; where D is the measurement distance in meters, According to KDB 971168 D01 v03r01 5.8.4.
6. The frequency spectrum is examined from 9 ㎑ to the 10th harmonic of the fundamental frequency of the transmitter. No other spurious and harmonic emissions were reported greater than listed emissions above table.

3. Conducted Output Power

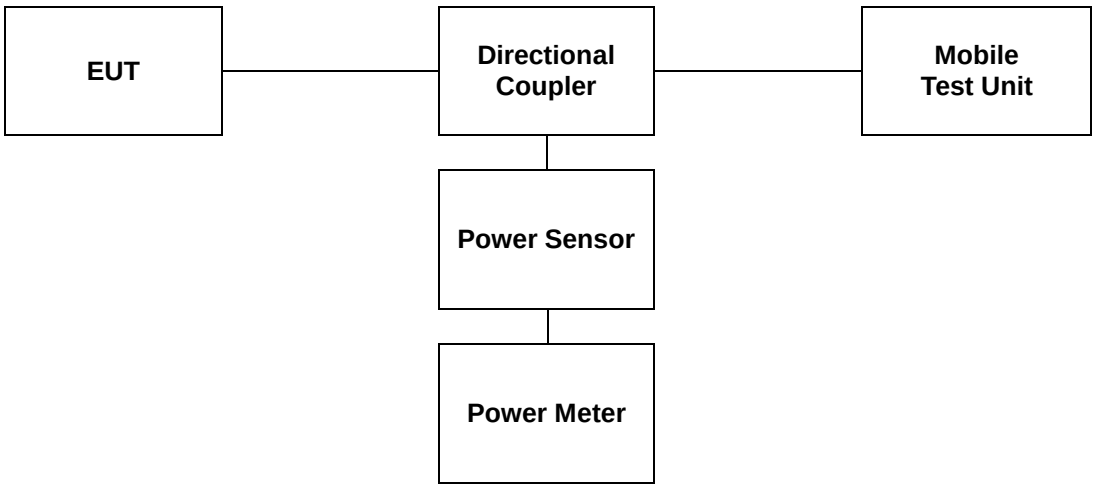
3.1. Limit

CFR 47, Section FCC §2.1046 and IC RSS-Gen Issue 5 6.12.

3.2. Test Procedure

Output power shall be measured at the RF output terminals for all configurations.

1. The RF output of the transmitter was connected to the input of the mobile test unit in order to establish communication with the EUT.
2. The EUT was set up for the max. output power with pseudo random data modulation by using mobile test unit parameters.
3. The measurement performed using a wideband RF power meter.
4. This EUT was tested under all configurations and the highest power was investigated and reported.



3.3. Test Result

Ambient temperature : (23 ± 1) ℃

Relative humidity : 47 % R.H.

SIM 1

LTE Band 7										
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power						
				20775 (2 502.5 ㎒)		21100 (2 535.0 ㎒)		21425 (2 567.5 ㎒)		
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	
5	QPSK	1	0	22.88	0.194	22.41	0.174	22.50	0.178	
		1	12	**23.05**	**0.202**	22.40	0.174	22.40	0.174	
		1	24	23.02	0.200	22.38	0.173	22.01	0.159	
		3	0	22.05	0.160	21.41	0.138	21.54	0.143	
		3	6	22.15	0.164	21.46	0.140	21.48	0.141	
		3	13	22.05	0.160	21.43	0.139	21.40	0.138	
		6	0	22.09	0.162	21.41	0.138	21.38	0.137	
	16QAM	1	0	22.31	0.170	21.73	0.149	21.86	0.153	
		1	12	22.27	0.169	21.69	0.148	21.69	0.148	
		1	24	**22.34**	**0.171**	21.79	0.151	21.63	0.146	
		3	0	21.07	0.128	20.48	0.112	20.62	0.115	
		3	6	21.13	0.130	20.46	0.111	20.66	0.116	
		3	13	21.09	0.129	20.47	0.111	20.54	0.113	
		6	0	21.12	0.129	20.45	0.111	20.54	0.113	
	64QAM	1	0	**20.66**	**0.116**	20.41	0.110	19.97	0.099	
		1	12	20.26	0.106	20.45	0.111	19.73	0.094	
		1	24	20.46	0.111	20.52	0.113	19.67	0.093	
		3	0	19.26	0.084	19.31	0.085	18.69	0.074	
		3	6	19.61	0.091	19.40	0.087	18.72	0.074	
		3	13	19.84	0.096	19.37	0.086	18.67	0.074	
		6	0	19.50	0.089	19.30	0.085	18.63	0.073	

LTE Band 7										
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power						
				20800 (2 505.0 ㎒)		21100 (2 535.0 ㎒)		21400 (2 565.0 ㎒)		
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	
10	QPSK	1	0	22.83	0.192	22.39	0.173	22.85	0.193	
		1	25	**23.00**	**0.200**	22.33	0.171	22.57	0.181	
		1	49	22.97	0.198	22.40	0.174	22.42	0.175	
		25	0	22.04	0.160	21.44	0.139	21.75	0.150	
		25	12	21.96	0.157	21.46	0.140	21.57	0.144	
		25	25	21.90	0.155	21.43	0.139	21.43	0.139	
		50	0	21.89	0.155	21.38	0.137	21.47	0.140	
	16QAM	1	0	**22.32**	**0.171**	21.70	0.148	22.17	0.165	
		1	25	22.31	0.170	21.67	0.147	21.89	0.155	
		1	49	22.26	0.168	21.76	0.150	21.64	0.146	
		25	0	21.03	0.127	20.43	0.110	20.88	0.122	
		25	12	20.99	0.126	20.48	0.112	20.71	0.118	
		25	25	20.92	0.124	20.44	0.111	20.58	0.114	
		50	0	20.91	0.123	20.38	0.109	20.61	0.115	
	64QAM	1	0	20.72	0.118	20.39	0.109	20.36	0.109	
		1	25	20.36	0.109	20.47	0.111	19.92	0.098	
		1	49	**20.74**	**0.119**	20.67	0.117	19.70	0.093	
		25	0	19.50	0.089	19.26	0.084	19.02	0.080	
		25	12	20.01	0.100	19.36	0.086	18.79	0.076	
		25	25	19.98	0.100	19.43	0.088	18.57	0.072	
		50	0	19.93	0.098	19.31	0.085	18.74	0.075	

LTE Band 7									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				20825 (2 502.5 ㎒)		21100 (2 535.0 ㎒)		21375 (2 567.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	QPSK	1	0	22.82	0.191	22.25	0.168	22.71	0.187
		1	36	**22.88**	**0.194**	22.18	0.165	22.77	0.189
		1	74	22.76	0.189	22.35	0.172	22.31	0.170
		36	0	21.89	0.155	21.38	0.137	21.82	0.152
		36	18	21.96	0.157	21.42	0.139	21.83	0.152
		36	37	21.82	0.152	21.32	0.136	21.49	0.141
		75	0	21.81	0.152	21.37	0.137	21.72	0.149
	16QAM	1	0	**22.27**	**0.169**	21.69	0.148	22.02	0.159
		1	36	22.12	0.163	21.60	0.145	22.11	0.163
		1	74	22.08	0.161	21.68	0.147	21.59	0.144
		36	0	20.91	0.123	20.38	0.109	20.81	0.121
		36	18	20.97	0.125	20.43	0.110	20.87	0.122
		36	37	20.83	0.121	20.37	0.109	20.63	0.116
		75	0	20.83	0.121	20.37	0.109	20.83	0.121
	64QAM	1	0	20.71	0.118	20.40	0.110	**20.83**	**0.121**
		1	36	20.53	0.113	20.42	0.110	20.23	0.105
		1	74	20.49	0.112	20.64	0.116	19.65	0.092
		36	0	19.79	0.095	19.24	0.084	19.51	0.089
		36	18	20.00	0.100	19.30	0.085	19.11	0.081
		36	37	19.92	0.098	19.39	0.087	18.74	0.075
		75	0	19.86	0.097	19.38	0.087	19.03	0.080

LTE Band 7									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				20850 (2 510.0 ㎒)		21100 (2 535.0 ㎒)		21350 (2 560.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	QPSK	1	0	**22.87**	**0.194**	22.25	0.168	22.56	0.180
		1	50	22.79	0.190	22.14	0.164	22.69	0.186
		1	99	22.60	0.182	22.27	0.169	22.13	0.163
		50	0	21.83	0.152	21.29	0.135	21.67	0.147
		50	25	21.79	0.151	21.36	0.137	21.82	0.152
		50	50	21.69	0.148	21.30	0.135	21.35	0.136
		100	0	21.73	0.149	21.30	0.135	21.66	0.147
	16QAM	1	0	**22.23**	**0.167**	21.62	0.145	21.92	0.156
		1	50	22.18	0.165	21.49	0.141	21.99	0.158
		1	99	21.92	0.156	21.70	0.148	21.40	0.138
		50	0	20.84	0.121	20.30	0.107	20.69	0.117
		50	25	20.83	0.121	20.37	0.109	20.84	0.121
		50	50	20.72	0.118	20.31	0.107	20.62	0.115
		100	0	20.72	0.118	20.28	0.107	20.67	0.117
	64QAM	1	0	20.91	0.123	20.51	0.112	20.69	0.117
		1	50	**21.05**	**0.127**	20.25	0.106	20.40	0.110
		1	99	20.84	0.121	20.51	0.112	19.50	0.089
		50	0	19.88	0.097	19.12	0.082	19.67	0.093
		50	25	19.85	0.097	19.24	0.084	19.21	0.083
		50	50	19.75	0.094	19.32	0.086	18.69	0.074
		100	0	19.78	0.095	19.27	0.085	19.11	0.081

LTE Band 12									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				23017 (699.7 ㎒)		23095 (707.5 ㎒)		23173 (715.3 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
1.4	QPSK	1	0	22.30	0.170	22.24	0.167	22.15	0.164
		1	3	22.30	0.170	**22.41**	**0.174**	22.25	0.168
		1	5	22.33	0.171	22.28	0.169	22.14	0.164
		3	0	22.33	0.171	22.25	0.168	22.12	0.163
		3	2	22.34	0.171	22.38	0.173	22.20	0.166
		3	3	22.32	0.171	22.34	0.171	22.11	0.163
		6	0	21.39	0.138	21.40	0.138	21.27	0.134
	16QAM	1	0	21.64	0.146	21.61	0.145	21.46	0.140
		1	3	**21.79**	**0.151**	21.76	0.150	21.55	0.143
		1	5	21.60	0.145	21.59	0.144	21.46	0.140
		3	0	20.38	0.109	21.50	0.141	21.22	0.132
		3	2	20.51	0.112	21.47	0.140	21.35	0.136
		3	3	20.43	0.110	21.40	0.138	21.23	0.133
		6	0	20.51	0.112	20.46	0.111	20.39	0.109
	64QAM	1	0	20.41	0.110	20.38	0.109	20.40	0.110
		1	3	20.56	0.114	20.59	0.115	**20.74**	**0.119**
		1	5	20.62	0.115	20.65	0.116	20.65	0.116
		3	0	20.46	0.111	20.44	0.111	20.27	0.106
		3	2	20.52	0.113	20.48	0.112	20.33	0.108
		3	3	20.47	0.111	20.46	0.111	20.24	0.106
		6	0	20.35	0.108	20.47	0.111	20.31	0.107

LTE Band 12									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				23017 (700.5 ㎒)		23095 (707.5 ㎒)		23165 (714.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
3	QPSK	1	0	22.41	0.174	22.30	0.170	22.39	0.173
		1	7	22.25	0.168	22.35	0.172	**22.43**	**0.175**
		1	14	22.30	0.170	22.38	0.173	22.33	0.171
		8	0	21.47	0.140	21.41	0.138	21.40	0.138
		8	4	21.50	0.141	21.55	0.143	21.50	0.141
		8	7	21.44	0.139	21.51	0.142	21.53	0.142
		15	0	21.43	0.139	21.41	0.138	21.46	0.140
	16QAM	1	0	**21.85**	**0.153**	21.68	0.147	21.75	0.150
		1	7	21.72	0.149	21.69	0.148	21.74	0.149
		1	14	21.77	0.150	21.70	0.148	21.79	0.151
		8	0	20.45	0.111	20.47	0.111	20.49	0.112
		8	4	20.53	0.113	20.65	0.116	20.61	0.115
		8	7	20.50	0.112	20.54	0.113	20.61	0.115
		15	0	20.46	0.111	20.50	0.112	20.48	0.112
	64QAM	1	0	20.67	0.117	20.56	0.114	20.69	0.117
		1	7	20.42	0.110	20.84	0.121	**20.88**	**0.122**
		1	14	20.52	0.113	20.81	0.121	20.80	0.120
		8	0	19.49	0.089	19.49	0.089	19.46	0.088
		8	4	19.50	0.089	19.49	0.089	19.51	0.089
		8	7	19.51	0.089	19.54	0.090	19.56	0.090
		15	0	19.46	0.088	19.49	0.089	19.52	0.090

LTE Band 12/17									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				23035 (701.5 ㎒)		23095 (707.5 ㎒)		23155 (713.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	22.26	0.168	22.31	0.170	22.22	0.167
		1	12	22.43	0.175	22.42	0.175	**22.44**	**0.175**
		1	24	22.40	0.174	22.42	0.175	22.20	0.166
		12	0	21.41	0.138	21.41	0.138	21.37	0.137
		12	6	21.49	0.141	21.50	0.141	21.38	0.137
		12	13	21.53	0.142	21.51	0.142	21.43	0.139
		25	0	21.50	0.141	21.45	0.140	21.33	0.136
	16QAM	1	0	21.64	0.146	21.66	0.147	21.52	0.142
		1	12	**21.79**	**0.151**	21.71	0.148	21.68	0.147
		1	24	21.70	0.148	21.74	0.149	21.66	0.147
		12	0	20.45	0.111	20.50	0.112	20.34	0.108
		12	6	20.52	0.113	20.45	0.111	20.38	0.109
		12	13	20.50	0.112	20.50	0.112	20.30	0.107
		25	0	20.48	0.112	20.47	0.111	20.32	0.108
	64QAM	1	0	20.58	0.114	20.68	0.117	20.53	0.113
		1	12	20.53	0.113	20.63	0.116	20.58	0.114
		1	24	**20.80**	**0.120**	20.68	0.117	20.49	0.112
		12	0	19.44	0.088	19.44	0.088	19.30	0.085
		12	6	19.54	0.090	19.43	0.088	19.37	0.086
		12	13	19.45	0.088	19.52	0.090	19.35	0.086
		25	0	19.51	0.089	19.47	0.089	19.31	0.085

LTE Band 12/17									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				23060 (704.0 ㎒)		23095 (707.5 ㎒)		23130 (711.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	22.54	0.179	22.20	0.166	**22.60**	**0.182**
		1	25	22.53	0.179	22.33	0.171	22.59	0.182
		1	49	22.54	0.179	22.37	0.173	22.54	0.179
		25	0	21.67	0.147	21.34	0.136	21.67	0.147
		25	12	21.75	0.150	21.42	0.139	21.67	0.147
		25	25	21.64	0.146	21.42	0.139	21.66	0.147
		50	0	21.68	0.147	21.35	0.136	21.68	0.147
	16QAM	1	0	21.92	0.156	21.58	0.144	**22.02**	**0.159**
		1	25	21.92	0.156	21.71	0.148	21.95	0.157
		1	49	21.91	0.155	21.89	0.155	21.91	0.155
		25	0	20.68	0.117	20.32	0.108	20.64	0.116
		25	12	20.77	0.119	20.48	0.112	20.74	0.119
		25	25	20.61	0.115	20.51	0.112	20.58	0.114
		50	0	20.65	0.116	20.38	0.109	20.58	0.114
	64QAM	1	0	**20.97**	**0.125**	20.80	0.120	20.90	0.123
		1	25	20.73	0.118	20.71	0.118	20.72	0.118
		1	49	20.82	0.121	20.61	0.115	20.64	0.116
		25	0	19.70	0.093	19.27	0.085	19.64	0.092
		25	12	19.44	0.088	19.59	0.091	19.87	0.097
		25	25	19.35	0.086	16.69	0.047	19.77	0.095
		50	0	19.58	0.091	19.70	0.093	19.73	0.094

LTE Band 13									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				23205 (779.5 ㎒)		23230 (782.0 ㎒)		23255 (784.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	23.03	0.201	22.99	0.199	23.08	0.203
		1	12	23.04	0.201	**23.09**	**0.204**	23.08	0.203
		1	24	23.05	0.202	23.05	0.202	22.99	0.199
		12	0	22.14	0.164	22.10	0.162	22.12	0.163
		12	6	22.23	0.167	22.12	0.163	22.11	0.163
		12	13	22.21	0.166	22.17	0.165	22.14	0.164
		25	0	22.22	0.167	22.09	0.162	22.09	0.162
	16QAM	1	0	22.46	0.176	22.43	0.175	22.36	0.172
		1	12	22.46	0.176	22.42	0.175	**22.47**	**0.177**
		1	24	22.38	0.173	22.42	0.175	22.42	0.175
		12	0	21.27	0.134	21.09	0.129	21.22	0.132
		12	6	21.32	0.136	21.24	0.133	21.20	0.132
		12	13	21.23	0.133	21.20	0.132	21.23	0.133
		25	0	21.26	0.134	21.16	0.131	21.07	0.128
	64QAM	1	0	21.09	0.129	22.28	0.169	21.49	0.141
		1	12	21.04	0.127	22.17	0.165	21.28	0.134
		1	24	20.78	0.120	**22.52**	**0.179**	21.25	0.133
		12	0	19.40	0.087	21.11	0.129	20.18	0.104
		12	6	19.80	0.095	21.12	0.129	20.13	0.103
		12	13	19.67	0.093	21.17	0.131	20.16	0.104
		25	0	20.07	0.102	21.12	0.129	20.15	0.104

LTE Band 13									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
						23230 (782.0 ㎒)			
						(dB m)	(W)		
10	QPSK	1	0	-	-	22.97	0.198	-	-
		1	25	-	-	22.99	0.199	-	-
		1	49	-	-	**23.01**	**0.200**	-	-
		25	0	-	-	22.16	0.164	-	-
		25	12	-	-	22.14	0.164	-	-
		25	25	-	-	22.11	0.163	-	-
		50	0	-	-	22.04	0.160	-	-
	16QAM	1	0	-	-	22.42	0.175	-	-
		1	25	-	-	**22.43**	**0.175**	-	-
		1	49	-	-	22.34	0.171	-	-
		25	0	-	-	21.14	0.130	-	-
		25	12	-	-	21.09	0.129	-	-
		25	25	-	-	21.15	0.130	-	-
		50	0	-	-	21.09	0.129	-	-
	64QAM	1	0	-	-	22.39	0.173	-	-
		1	25	-	-	**22.63**	**0.183**	-	-
		1	49	-	-	22.28	0.169	-	-
		25	0	-	-	21.16	0.131	-	-
		25	12	-	-	21.14	0.130	-	-
		25	25	-	-	21.11	0.129	-	-
		50	0	-	-	21.03	0.127	-	-

LTE Band 25/2									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26047 (1 850.7 ㎒)		26365 (1 882.5 ㎒)		26683 (1 914.3 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
1.4	QPSK	1	0	21.91	0.155	22.25	0.168	22.26	0.168
		1	3	22.02	0.159	**22.50**	**0.178**	22.16	0.164
		1	5	21.97	0.157	22.45	0.176	22.48	0.177
		3	0	21.90	0.155	22.32	0.171	22.31	0.170
		3	2	21.99	0.158	22.45	0.176	22.35	0.172
		3	3	21.94	0.156	22.42	0.175	22.23	0.167
		6	0	21.07	0.128	21.45	0.140	21.46	0.140
	16QAM	1	0	21.25	0.133	21.58	0.144	21.66	0.147
		1	3	21.60	0.145	21.76	0.150	**21.79**	**0.151**
		1	5	21.47	0.140	21.64	0.146	21.24	0.133
		3	0	21.06	0.128	21.53	0.142	21.43	0.139
		3	2	21.12	0.129	21.62	0.145	21.42	0.139
		3	3	21.07	0.128	21.55	0.143	21.39	0.138
		6	0	20.14	0.103	20.54	0.113	20.61	0.115
	64QAM	1	0	21.01	0.126	21.45	0.140	21.69	0.148
		1	3	21.55	0.143	**21.85**	**0.153**	21.73	0.149
		1	5	21.12	0.129	21.57	0.144	21.29	0.135
		3	0	21.15	0.130	21.46	0.140	21.58	0.144
		3	2	21.12	0.129	21.67	0.147	21.66	0.147
		3	3	21.05	0.127	21.57	0.144	21.48	0.141
		6	0	20.10	0.102	20.49	0.112	20.57	0.114

LTE Band 25/2									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26047 (1 851.5 ㎒)		26365 (1 882.5 ㎒)		26683 (1 913.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
3	QPSK	1	0	22.07	0.161	22.42	0.175	22.34	0.171
		1	7	22.05	0.160	**22.57**	**0.181**	22.47	0.177
		1	14	22.12	0.163	22.50	0.178	22.46	0.176
		8	0	21.13	0.130	21.55	0.143	21.55	0.143
		8	4	21.11	0.129	21.60	0.145	21.66	0.147
		8	7	21.09	0.129	21.61	0.145	21.64	0.146
		15	0	21.12	0.129	21.55	0.143	21.55	0.143
	16QAM	1	0	21.24	0.133	21.74	0.149	21.61	0.145
		1	7	21.45	0.140	21.78	0.151	**21.83**	**0.152**
		1	14	21.23	0.133	21.83	0.152	21.80	0.151
		8	0	20.17	0.104	20.61	0.115	20.55	0.114
		8	4	20.22	0.105	20.70	0.117	20.69	0.117
		8	7	19.93	0.098	20.70	0.117	20.69	0.117
		15	0	20.15	0.104	20.57	0.114	20.64	0.116
	64QAM	1	0	21.24	0.133	21.69	0.148	**21.91**	**0.155**
		1	7	21.39	0.138	21.72	0.149	21.50	0.141
		1	14	21.21	0.132	21.81	0.152	21.74	0.149
		8	0	20.15	0.104	20.51	0.112	20.62	0.115
		8	4	20.18	0.104	20.57	0.114	20.62	0.115
		8	7	20.11	0.103	20.62	0.115	20.58	0.114
		15	0	20.35	0.108	20.61	0.115	20.61	0.115

LTE Band 25/2									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26065 (1 852.5 ㎒)		26365 (1 882.5 ㎒)		26665 (1 912.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	22.03	0.160	22.33	0.171	22.44	0.175
		1	12	22.09	0.162	**22.55**	**0.180**	22.49	0.177
		1	24	22.05	0.160	22.53	0.179	22.24	0.167
		12	0	21.12	0.129	21.58	0.144	21.54	0.143
		12	6	21.17	0.131	21.61	0.145	21.63	0.146
		12	13	21.12	0.129	21.62	0.145	21.65	0.146
		25	0	21.15	0.130	21.57	0.144	21.59	0.144
	16QAM	1	0	21.23	0.133	21.72	0.149	21.75	0.150
		1	12	21.31	0.135	21.73	0.149	21.76	0.150
		1	24	21.18	0.131	**21.96**	**0.157**	21.63	0.146
		12	0	20.16	0.104	20.53	0.113	20.59	0.115
		12	6	19.98	0.100	20.58	0.114	20.59	0.115
		12	13	20.18	0.104	20.66	0.116	20.62	0.115
		25	0	20.23	0.105	20.57	0.114	20.60	0.115
	64QAM	1	0	21.36	0.137	21.44	0.139	21.60	0.145
		1	12	21.41	0.138	**21.88**	**0.154**	21.62	0.145
		1	24	21.17	0.131	21.65	0.146	21.36	0.137
		12	0	20.19	0.104	20.50	0.112	20.57	0.114
		12	6	20.18	0.104	20.63	0.116	20.62	0.115
		12	13	20.16	0.104	20.63	0.116	20.62	0.115
		25	0	20.18	0.104	20.60	0.115	20.61	0.115

LTE Band 25/2									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26090 (1 855.0 ㎒)		26365 (1 882.5 ㎒)		26640 (1 910.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	21.91	0.155	22.16	0.164	**22.50**	**0.178**
		1	25	22.05	0.160	22.36	0.172	22.41	0.174
		1	49	21.85	0.153	22.30	0.170	22.42	0.175
		25	0	21.05	0.127	21.47	0.140	21.52	0.142
		25	12	21.14	0.130	21.58	0.144	21.60	0.145
		25	25	21.06	0.128	21.56	0.143	21.55	0.143
		50	0	21.11	0.129	21.46	0.140	21.56	0.143
	16QAM	1	0	21.03	0.127	21.75	0.150	21.80	0.151
		1	25	21.28	0.134	**21.92**	**0.156**	21.83	0.152
		1	49	21.09	0.129	21.58	0.144	21.78	0.151
		25	0	20.19	0.104	20.44	0.111	20.50	0.112
		25	12	20.15	0.104	20.60	0.115	20.66	0.116
		25	25	20.07	0.102	20.58	0.114	20.58	0.114
		50	0	20.08	0.102	20.52	0.113	20.57	0.114
	64QAM	1	0	21.14	0.130	21.68	0.147	21.85	0.153
		1	25	21.35	0.136	21.74	0.149	**22.04**	**0.160**
		1	49	21.09	0.129	21.57	0.144	21.88	0.154
		25	0	20.05	0.101	20.51	0.112	20.54	0.113
		25	12	20.16	0.104	20.62	0.115	20.65	0.116
		25	25	20.06	0.101	20.59	0.115	20.63	0.116
		50	0	20.10	0.102	20.43	0.110	20.54	0.113

LTE Band 25/2									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26115 (1 857.5 ㎒)		26365 (1 882.5 ㎒)		26615 (1 907.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	QPSK	1	0	21.97	0.157	22.37	0.173	22.45	0.176
		1	36	22.10	0.162	**22.58**	**0.181**	22.51	0.178
		1	74	22.01	0.159	22.50	0.178	22.50	0.178
		36	0	21.02	0.126	21.46	0.140	21.45	0.140
		36	18	21.18	0.131	21.60	0.145	21.63	0.146
		36	37	21.17	0.131	21.59	0.144	21.61	0.145
		75	0	21.15	0.130	21.53	0.142	21.54	0.143
	16QAM	1	0	21.21	0.132	21.71	0.148	21.78	0.151
		1	36	21.23	0.133	**21.87**	**0.154**	21.80	0.151
		1	74	21.26	0.134	21.85	0.153	21.80	0.151
		36	0	20.02	0.100	20.40	0.110	20.42	0.110
		36	18	20.19	0.104	20.63	0.116	20.64	0.116
		36	37	20.20	0.105	20.60	0.115	20.57	0.114
		75	0	20.19	0.104	20.54	0.113	20.51	0.112
	64QAM	1	0	21.14	0.130	21.70	0.148	21.84	0.153
		1	36	21.25	0.133	21.60	0.145	21.74	0.149
		1	74	21.09	0.129	21.80	0.151	**21.93**	**0.156**
		36	0	19.91	0.098	20.46	0.111	20.44	0.111
		36	18	20.17	0.104	20.58	0.114	20.66	0.116
		36	37	20.23	0.105	20.65	0.116	20.55	0.114
		75	0	20.18	0.104	20.55	0.114	20.55	0.114

LTE Band 25/2									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26140 (1 860.0 ㎒)		26365 (1 882.5 ㎒)		26590 (1 905.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	QPSK	1	0	22.28	0.169	22.34	0.171	22.50	0.178
		1	50	22.15	0.164	**22.61**	**0.182**	22.59	0.182
		1	99	22.24	0.167	22.39	0.173	22.40	0.174
		50	0	21.11	0.129	21.49	0.141	21.51	0.142
		50	25	21.23	0.133	21.59	0.144	21.51	0.142
		50	13	21.23	0.133	21.58	0.144	21.59	0.144
		100	0	21.18	0.131	21.45	0.140	21.48	0.141
	16QAM	1	0	21.58	0.144	21.57	0.144	21.78	0.151
		1	50	21.37	0.137	21.65	0.146	21.79	0.151
		1	99	21.41	0.138	21.81	0.152	**21.91**	**0.155**
		50	0	20.19	0.104	20.50	0.112	20.53	0.113
		50	25	20.22	0.105	20.56	0.114	20.61	0.115
		50	50	20.27	0.106	20.58	0.114	20.68	0.117
		100	0	20.16	0.104	20.46	0.111	20.47	0.111
	64QAM	1	0	21.40	0.138	21.48	0.141	21.82	0.152
		1	50	21.03	0.127	21.59	0.144	21.75	0.150
		1	99	21.20	0.132	21.95	0.157	**22.04**	**0.160**
		50	0	20.09	0.102	20.53	0.113	20.49	0.112
		50	25	20.26	0.106	20.59	0.115	20.56	0.114
		50	50	20.19	0.104	20.60	0.115	20.65	0.116
		100	0	20.16	0.104	20.44	0.111	20.44	0.111

LTE Band 26/5_part 22									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26805 (824.7 ㎒)		26915 (836.5 ㎒)		27033 (848.3 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
1.4	QPSK	1	0	22.74	0.188	22.96	0.198	22.77	0.189
		1	2	22.87	0.194	**23.09**	**0.204**	22.86	0.193
		1	5	22.76	0.189	23.03	0.201	22.78	0.190
		3	0	22.68	0.185	22.97	0.198	22.72	0.187
		3	2	22.84	0.192	23.06	0.202	22.78	0.190
		3	3	22.84	0.192	23.04	0.201	22.72	0.187
		6	0	21.93	0.156	22.13	0.163	21.85	0.153
	16QAM	1	0	22.20	0.166	**22.39**	**0.173**	21.98	0.158
		1	3	22.15	0.164	22.32	0.171	22.14	0.164
		1	5	22.07	0.161	22.27	0.169	22.02	0.159
		3	0	21.92	0.156	22.23	0.167	21.83	0.152
		3	2	22.01	0.159	22.27	0.169	21.90	0.155
		3	3	22.01	0.159	22.29	0.169	21.82	0.152
		6	0	20.86	0.122	21.17	0.131	20.92	0.124
	64QAM	1	0	20.90	0.123	21.20	0.132	21.08	0.128
		1	2	21.06	0.128	**21.36**	**0.137**	21.07	0.128
		1	5	21.09	0.129	21.32	0.136	20.98	0.125
		3	0	20.90	0.123	21.20	0.132	20.88	0.122
		3	2	21.06	0.128	21.34	0.136	20.99	0.126
		3	3	20.99	0.126	21.31	0.135	21.03	0.127
		6	0	19.90	0.098	20.15	0.104	19.87	0.097

LTE Band 26/5_part 22									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26805 (825.5 ㎒)		26915 (836.5 ㎒)		27025 (847.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
3	QPSK	1	0	22.83	0.192	23.06	0.202	22.84	0.192
		1	7	22.88	0.194	23.11	0.205	22.84	0.192
		1	14	22.89	0.195	**23.18**	**0.208**	22.76	0.189
		8	0	21.86	0.153	22.12	0.163	21.94	0.156
		8	4	21.98	0.158	22.23	0.167	21.91	0.155
		8	7	21.92	0.156	22.23	0.167	21.90	0.155
		15	0	21.95	0.157	22.20	0.166	21.95	0.157
	16QAM	1	0	22.31	0.170	22.45	0.176	22.21	0.166
		1	7	22.21	0.166	22.36	0.172	22.02	0.159
		1	14	22.24	0.167	**22.59**	**0.182**	22.12	0.163
		8	0	21.02	0.126	21.24	0.133	21.05	0.127
		8	4	21.11	0.129	21.31	0.135	21.04	0.127
		8	7	21.01	0.126	21.30	0.135	21.00	0.126
		15	0	20.98	0.125	21.21	0.132	21.03	0.127
	64QAM	1	0	21.05	0.127	21.33	0.136	21.08	0.128
		1	7	21.09	0.129	**21.47**	**0.140**	21.02	0.126
		1	14	21.18	0.131	21.42	0.139	20.95	0.124
		8	0	19.95	0.099	20.21	0.105	20.05	0.101
		8	4	20.06	0.101	20.28	0.107	19.94	0.099
		8	7	19.98	0.100	20.25	0.106	19.95	0.099
		15	0	19.98	0.100	20.30	0.107	19.99	0.100

LTE Band 26/5_part 22									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26815 (825.5 ㎒)		26915 (836.5 ㎒)		27015 (847.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	22.79	0.190	23.11	0.205	22.87	0.194
		1	12	23.06	0.202	23.22	0.210	22.91	0.195
		1	24	23.01	0.200	**23.23**	**0.210**	22.78	0.190
		12	0	21.83	0.152	22.14	0.164	21.97	0.157
		12	6	22.01	0.159	22.17	0.165	21.97	0.157
		12	13	22.02	0.159	22.23	0.167	21.87	0.154
		25	0	21.99	0.158	22.25	0.168	21.92	0.156
	16QAM	1	0	22.04	0.160	22.47	0.177	22.10	0.162
		1	12	22.19	0.166	22.38	0.173	22.07	0.161
		1	24	22.37	0.173	**22.48**	**0.177**	22.10	0.162
		12	0	20.89	0.123	21.19	0.132	21.00	0.126
		12	6	21.10	0.129	21.24	0.133	20.96	0.125
		12	13	21.05	0.127	21.30	0.135	20.90	0.123
		25	0	21.00	0.126	21.23	0.133	20.91	0.123
	64QAM	1	0	21.11	0.129	21.34	0.136	21.19	0.132
		1	12	21.17	0.131	21.24	0.133	21.09	0.129
		1	24	21.28	0.134	**21.46**	**0.140**	21.10	0.129
		12	0	19.92	0.098	20.15	0.104	19.99	0.100
		12	6	20.05	0.101	20.24	0.106	20.00	0.100
		12	13	20.07	0.102	20.33	0.108	20.00	0.100
		25	0	19.98	0.100	20.23	0.105	19.93	0.098

LTE Band 26/5_part 22									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26840 (829.0 ㎒)		26915 (836.5 ㎒)		26990 (844.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	22.94	0.197	23.11	0.205	22.70	0.186
		1	25	22.90	0.195	23.00	0.200	22.84	0.192
		1	49	22.93	0.196	**23.14**	**0.206**	22.88	0.194
		25	0	21.91	0.155	22.00	0.158	21.79	0.151
		25	12	21.97	0.157	22.15	0.164	21.94	0.156
		25	25	22.03	0.160	22.14	0.164	21.93	0.156
		50	0	21.91	0.155	22.15	0.164	21.84	0.153
	16QAM	1	0	22.22	0.167	22.52	0.179	22.19	0.166
		1	25	22.41	0.174	**22.56**	**0.180**	22.26	0.168
		1	49	22.52	0.179	22.53	0.179	22.13	0.163
		25	0	20.89	0.123	21.03	0.127	20.80	0.120
		25	12	21.12	0.129	21.14	0.130	20.95	0.124
		25	25	21.06	0.128	21.11	0.129	20.95	0.124
		50	0	20.90	0.123	21.12	0.129	20.79	0.120
	64QAM	1	0	21.11	0.129	21.42	0.139	21.14	0.130
		1	25	**21.46**	**0.140**	21.21	0.132	21.19	0.132
		1	49	21.34	0.136	21.41	0.138	20.98	0.125
		25	0	19.89	0.097	20.05	0.101	19.83	0.096
		25	12	20.10	0.102	20.16	0.104	19.97	0.099
		25	25	20.06	0.101	20.14	0.103	19.90	0.098
		50	0	19.92	0.098	20.19	0.104	19.83	0.096

LTE Band 26_part 22									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26865 (831.5 ㎒)				26965 (841.5 ㎒)	
				(dB m)	(W)			(dB m)	(W)
15	QPSK	1	0	22.38	0.173	-	-	23.07	0.203
		1	36	22.49	0.177	-	-	**23.09**	**0.204**
		1	74	22.68	0.185	-	-	22.97	0.198
		36	0	21.43	0.139	-	-	22.01	0.159
		36	18	21.60	0.145	-	-	22.21	0.166
		36	37	21.70	0.148	-	-	22.10	0.162
		75	0	21.54	0.143	-	-	22.08	0.161
	16QAM	1	0	21.74	0.149	-	-	**22.37**	**0.173**
		1	36	21.87	0.154	-	-	22.37	0.173
		1	74	22.04	0.160	-	-	22.23	0.167
		36	0	20.44	0.111	-	-	21.06	0.128
		36	18	20.61	0.115	-	-	21.09	0.129
		36	37	20.69	0.117	-	-	21.24	0.133
		75	0	20.56	0.114	-	-	21.07	0.128
	64QAM	1	0	20.69	0.117	-	-	21.24	0.133
		1	36	20.64	0.116	-	-	**21.34**	**0.136**
		1	74	20.72	0.118	-	-	21.28	0.134
		36	0	19.54	0.090	-	-	20.08	0.102
		36	18	19.66	0.092	-	-	20.26	0.106
		36	37	19.73	0.094	-	-	20.18	0.104
		75	0	19.58	0.091	-	-	20.15	0.104

LTE Band 26_part 90									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26697 (814.7 ㎒)		26740 (819.0 ㎒)		26783 (823.3 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
1.4	QPSK	1	0	22.51	0.178	22.65	0.184	22.64	0.184
		1	2	22.63	0.183	22.62	0.183	**22.78**	**0.190**
		1	5	22.46	0.176	22.61	0.182	22.71	0.187
		3	0	22.54	0.179	22.61	0.182	22.62	0.183
		3	2	22.61	0.182	22.64	0.184	22.74	0.188
		3	3	22.50	0.178	22.62	0.183	22.75	0.188
		6	0	21.59	0.144	21.74	0.149	21.81	0.152
	16QAM	1	0	21.91	0.155	22.03	0.160	22.00	0.158
		1	2	22.06	0.161	22.09	0.162	**22.22**	**0.167**
		1	5	21.73	0.149	22.10	0.162	22.01	0.159
		3	0	21.68	0.147	21.82	0.152	21.79	0.151
		3	2	21.66	0.147	21.85	0.153	22.02	0.159
		3	3	21.69	0.148	21.80	0.151	21.92	0.156
		6	0	20.68	0.117	20.76	0.119	20.84	0.121
	64QAM	1	0	20.84	0.121	20.95	0.124	20.86	0.122
		1	2	20.67	0.117	20.97	0.125	**21.07**	**0.128**
		1	5	20.75	0.119	20.91	0.123	21.02	0.126
		3	0	20.76	0.119	20.83	0.121	20.83	0.121
		3	2	20.80	0.120	20.89	0.123	20.93	0.124
		3	3	20.79	0.120	20.86	0.122	20.92	0.124
		6	0	19.59	0.091	19.79	0.095	19.86	0.097

LTE Band 26_part 90									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26705 (815.5 ㎒)		26740 (819.0 ㎒)		26775 (822.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
3	QPSK	1	0	22.56	0.180	22.79	0.190	22.72	0.187
		1	7	22.57	0.181	22.67	0.185	**22.83**	**0.192**
		1	14	22.53	0.179	22.75	0.188	22.82	0.191
		8	0	21.62	0.145	21.78	0.151	21.78	0.151
		8	4	21.70	0.148	21.82	0.152	21.90	0.155
		8	7	21.57	0.144	21.78	0.151	21.83	0.152
		15	0	21.66	0.147	21.79	0.151	21.85	0.153
	16QAM	1	0	21.85	0.153	22.13	0.163	22.05	0.160
		1	7	21.90	0.155	22.06	0.161	22.01	0.159
		1	14	21.86	0.153	**22.23**	**0.167**	22.12	0.163
		8	0	20.68	0.117	20.94	0.124	20.87	0.122
		8	4	20.72	0.118	20.91	0.123	20.97	0.125
		8	7	20.70	0.117	20.85	0.122	21.03	0.127
		15	0	20.68	0.117	20.80	0.120	20.93	0.124
	64QAM	1	0	20.72	0.118	21.04	0.127	21.04	0.127
		1	7	20.60	0.115	20.93	0.124	21.09	0.129
		1	14	20.70	0.117	**21.12**	**0.129**	21.05	0.127
		8	0	19.69	0.093	19.88	0.097	19.85	0.097
		8	4	19.75	0.094	19.81	0.096	19.98	0.100
		8	7	19.65	0.092	19.80	0.095	19.92	0.098
		15	0	19.69	0.093	19.79	0.095	19.90	0.098

LTE Band 26_part 90									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26715 (816.5 ㎒)		26740 (819.0 ㎒)		26765 (821.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	22.49	0.177	22.76	0.189	22.67	0.185
		1	12	22.53	0.179	22.76	0.189	22.78	0.190
		1	24	22.40	0.174	22.78	0.190	**22.83**	**0.192**
		12	0	21.55	0.143	21.77	0.150	21.77	0.150
		12	6	21.64	0.146	21.85	0.153	21.87	0.154
		12	13	21.57	0.144	21.80	0.151	21.88	0.154
		25	0	21.60	0.145	21.85	0.153	21.88	0.154
	16QAM	1	0	21.85	0.153	22.11	0.163	22.00	0.158
		1	12	21.86	0.153	21.79	0.151	22.04	0.160
		1	24	21.80	0.151	22.13	0.163	**22.16**	**0.164**
		12	0	20.60	0.115	20.86	0.122	20.82	0.121
		12	6	20.62	0.115	20.89	0.123	20.91	0.123
		12	13	20.58	0.114	20.90	0.123	20.92	0.124
		25	0	20.62	0.115	20.81	0.121	20.86	0.122
	64QAM	1	0	20.71	0.118	21.03	0.127	21.01	0.126
		1	12	20.80	0.120	21.02	0.126	21.09	0.129
		1	24	20.66	0.116	21.01	0.126	**21.16**	**0.131**
		12	0	19.70	0.093	19.82	0.096	19.80	0.095
		12	6	19.70	0.093	19.96	0.099	19.95	0.099
		12	13	19.68	0.093	19.87	0.097	19.89	0.097
		25	0	19.62	0.092	19.80	0.095	19.78	0.095

LTE Band 26_part 90									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
						26740 (819.0 ㎒)			
						(dB m)	(W)		
10	QPSK	1	0	-	-	**22.60**	**0.182**	-	-
		1	25	-	-	22.49	0.177	-	-
		1	49	-	-	22.56	0.180	-	-
		25	0	-	-	21.47	0.140	-	-
		25	12	-	-	21.57	0.144	-	-
		25	25	-	-	21.54	0.143	-	-
		50	0	-	-	21.48	0.141	-	-
	16QAM	1	0	-	-	21.80	0.151	-	-
		1	25	-	-	**21.93**	**0.156**	-	-
		1	49	-	-	21.80	0.151	-	-
		25	0	-	-	20.48	0.112	-	-
		25	12	-	-	20.59	0.115	-	-
		25	25	-	-	20.53	0.113	-	-
		50	0	-	-	20.52	0.113	-	-
	64QAM	1	0	-	-	20.73	0.118	-	-
		1	25	-	-	20.66	0.116	-	-
		1	49	-	-	**20.87**	**0.122**	-	-
		25	0	-	-	19.49	0.089	-	-
		25	12	-	-	19.61	0.091	-	-
		25	25	-	-	19.55	0.090	-	-
		50	0	-	-	19.54	0.090	-	-

LTE Band 26_part 90									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
						26765 (821.5 ㎒)			
15	QPSK	1	0	-	-	**22.67**	**0.185**	-	-
		1	36	-	-	22.59	0.182	-	-
		1	74	-	-	22.64	0.184	-	-
		36	0	-	-	21.69	0.148	-	-
		36	18	-	-	21.71	0.148	-	-
		36	37	-	-	21.72	0.149	-	-
		75	0	-	-	21.74	0.149	-	-
	16QAM	1	0	-	-	**22.03**	**0.160**	-	-
		1	36	-	-	21.97	0.157	-	-
		1	74	-	-	22.01	0.159	-	-
		36	0	-	-	20.66	0.116	-	-
		36	18	-	-	20.77	0.119	-	-
		36	37	-	-	20.83	0.121	-	-
		75	0	-	-	20.75	0.119	-	-
	64QAM	1	0	-	-	20.89	0.123	-	-
		1	36	-	-	20.82	0.121	-	-
		1	74	-	-	**20.99**	**0.126**	-	-
		36	0	-	-	19.72	0.094	-	-
		36	18	-	-	19.79	0.095	-	-
		36	37	-	-	19.82	0.096	-	-
		75	0	-	-	19.83	0.096	-	-

LTE Band 41_FCC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39675 (2 498.5 ㎒)		40620 (2 593.0 ㎒)		41565 (2 687.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	**25.85**	**0.385**	25.50	0.355	24.42	0.277
		1	12	25.81	0.381	25.56	0.360	24.23	0.265
		1	24	25.78	0.378	25.54	0.358	24.09	0.256
		12	0	25.27	0.337	24.89	0.308	23.48	0.223
		12	6	25.29	0.338	24.99	0.316	23.49	0.223
		12	13	25.23	0.333	24.90	0.309	23.39	0.218
		25	0	25.26	0.336	24.92	0.310	23.38	0.218
	16QAM	1	0	**25.34**	**0.342**	24.88	0.308	23.54	0.226
		1	12	25.31	0.340	25.01	0.317	23.33	0.215
		1	24	25.24	0.334	24.98	0.315	23.19	0.208
		12	0	24.22	0.264	23.84	0.242	22.48	0.177
		12	6	24.25	0.266	23.96	0.249	22.42	0.175
		12	13	24.23	0.265	23.90	0.245	22.41	0.174
		25	0	24.32	0.270	23.95	0.248	22.49	0.177
	64QAM	1	0	**23.98**	**0.250**	23.57	0.228	21.31	0.135
		1	12	23.90	0.245	23.63	0.231	21.13	0.130
		1	24	23.92	0.247	23.64	0.231	20.96	0.125
		12	0	23.27	0.212	22.94	0.197	20.53	0.113
		12	6	23.30	0.214	22.94	0.197	20.49	0.112
		12	13	23.25	0.211	22.95	0.197	20.39	0.109
		25	0	23.26	0.212	22.95	0.197	20.49	0.112

LTE Band 41_FCC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39700 (2 501.0 ㎒)		40620 (2 593.0 ㎒)		41540 (2 685.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	**25.77**	**0.378**	25.25	0.335	24.74	0.298
		1	25	25.68	0.370	25.48	0.353	24.23	0.265
		1	49	25.64	0.366	25.25	0.335	23.86	0.243
		25	0	25.18	0.330	24.81	0.303	23.63	0.231
		25	12	25.18	0.330	24.98	0.315	23.47	0.222
		25	25	25.11	0.324	24.89	0.308	23.32	0.215
		50	0	25.10	0.324	24.90	0.309	23.46	0.222
	16QAM	1	0	**25.27**	**0.337**	24.72	0.296	23.89	0.245
		1	25	25.12	0.325	24.95	0.313	23.42	0.220
		1	49	25.10	0.324	24.74	0.298	23.03	0.201
		25	0	24.19	0.262	23.78	0.239	22.80	0.191
		25	12	24.21	0.264	24.02	0.252	22.59	0.182
		25	25	24.13	0.259	23.94	0.248	22.44	0.175
		50	0	24.15	0.260	23.93	0.247	22.61	0.182
	64QAM	1	0	**23.86**	**0.243**	23.35	0.216	21.75	0.150
		1	25	23.72	0.236	23.68	0.233	21.20	0.132
		1	49	23.69	0.234	23.37	0.217	20.74	0.119
		25	0	23.19	0.208	22.88	0.194	20.85	0.122
		25	12	23.19	0.208	23.07	0.203	20.63	0.116
		25	25	23.13	0.206	23.00	0.200	20.43	0.110
		50	0	23.17	0.207	22.93	0.196	20.71	0.118

LTE Band 41_FCC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39725 (2 503.5 ㎒)		40620 (2 593.0 ㎒)		41515 (2 682.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	QPSK	1	0	**25.78**	**0.378**	25.32	0.340	25.21	0.332
		1	36	25.63	0.366	25.60	0.363	24.40	0.275
		1	74	25.59	0.362	25.38	0.345	23.78	0.239
		36	0	25.06	0.321	24.81	0.303	23.91	0.246
		36	18	25.09	0.323	25.00	0.316	23.61	0.230
		36	37	25.02	0.318	24.93	0.311	23.38	0.218
		75	0	25.03	0.318	24.92	0.310	23.63	0.231
	16QAM	1	0	**25.19**	**0.330**	24.73	0.297	24.38	0.274
		1	36	25.08	0.322	24.96	0.313	23.58	0.228
		1	74	25.01	0.317	24.88	0.308	22.95	0.197
		36	0	24.02	0.252	23.75	0.237	23.01	0.200
		36	18	24.05	0.254	23.96	0.249	22.66	0.185
		36	37	23.98	0.250	23.92	0.247	22.42	0.175
		75	0	24.05	0.254	23.91	0.246	22.78	0.190
	64QAM	1	0	**23.86**	**0.243**	23.46	0.222	22.13	0.163
		1	36	23.75	0.237	23.70	0.234	21.29	0.135
		1	74	23.67	0.233	23.57	0.228	20.58	0.114
		36	0	23.08	0.203	22.83	0.192	21.12	0.129
		36	18	23.10	0.204	22.96	0.198	20.72	0.118
		36	37	23.05	0.202	22.98	0.199	20.51	0.112
		75	0	23.09	0.204	22.96	0.198	20.83	0.121

LTE Band 41_FCC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39750 (2 506.0 ㎒)		40620 (2 593.0 ㎒)		41490 (2 680.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	QPSK	1	0	25.74	0.375	25.43	0.349	25.42	0.348
		1	50	25.62	0.365	**25.81**	**0.381**	24.89	0.308
		1	99	25.52	0.356	25.48	0.353	23.84	0.242
		50	0	24.99	0.316	25.03	0.318	24.40	0.275
		50	25	25.03	0.318	25.19	0.330	23.90	0.245
		50	13	24.95	0.313	25.15	0.327	23.42	0.220
		100	0	24.97	0.314	25.10	0.324	23.98	0.250
	16QAM	1	0	**25.18**	**0.330**	24.80	0.302	24.59	0.288
		1	50	25.03	0.318	25.15	0.327	23.88	0.244
		1	99	24.96	0.313	24.80	0.302	22.77	0.189
		50	0	24.02	0.252	23.99	0.251	23.42	0.220
		50	25	24.07	0.255	24.21	0.264	22.98	0.199
		50	50	23.96	0.249	24.17	0.261	22.63	0.183
		100	0	24.02	0.252	24.13	0.259	22.92	0.196
	64QAM	1	0	23.80	0.240	24.57	0.286	22.37	0.173
		1	50	23.71	0.235	**24.96**	**0.313**	21.66	0.147
		1	99	23.64	0.231	24.60	0.288	20.36	0.109
		50	0	23.07	0.203	23.96	0.249	21.55	0.143
		50	25	23.11	0.205	24.11	0.258	21.09	0.129
		50	50	23.02	0.200	24.07	0.255	20.78	0.120
		100	0	23.04	0.201	24.17	0.261	21.09	0.129

LTE Band 41_IC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39715 (2 502.5 ㎒)		40640 (2 595.0 ㎒)		41565 (2 687.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	**25.53**	**0.357**	25.22	0.333	24.42	0.277
		1	12	25.47	0.352	25.27	0.337	24.23	0.265
		1	24	25.47	0.352	25.21	0.332	24.09	0.256
		12	0	24.96	0.313	24.66	0.292	23.48	0.223
		12	6	24.97	0.314	24.65	0.292	23.49	0.223
		12	13	24.90	0.309	24.70	0.295	23.39	0.218
		25	0	24.93	0.311	24.65	0.292	23.38	0.218
	16QAM	1	0	25.19	0.330	24.89	0.308	23.54	0.226
		1	12	**25.22**	**0.333**	25.00	0.316	23.33	0.215
		1	24	25.15	0.327	24.91	0.310	23.19	0.208
		12	0	23.96	0.249	23.64	0.231	22.48	0.177
		12	6	23.97	0.249	23.65	0.232	22.42	0.175
		12	13	23.89	0.245	23.69	0.234	22.41	0.174
		25	0	24.02	0.252	23.70	0.234	22.49	0.177
	64QAM	1	0	**23.92**	**0.247**	23.59	0.229	21.31	0.135
		1	12	23.84	0.242	23.60	0.229	21.13	0.130
		1	24	23.88	0.244	23.59	0.229	20.96	0.125
		12	0	22.98	0.199	22.69	0.186	20.53	0.113
		12	6	23.00	0.200	22.71	0.187	20.49	0.112
		12	13	22.97	0.198	22.65	0.184	20.39	0.109
		25	0	22.97	0.198	22.67	0.185	20.49	0.112

LTE Band 41_IC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39740 (2 505.0 ㎒)		40640 (2 595.0 ㎒)		41540 (2 685.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	**25.51**	**0.356**	25.08	0.322	24.74	0.298
		1	25	25.43	0.349	25.30	0.339	24.23	0.265
		1	49	25.45	0.351	25.07	0.321	23.86	0.243
		25	0	24.97	0.314	24.62	0.290	23.63	0.231
		25	12	24.97	0.314	24.67	0.293	23.47	0.222
		25	25	24.90	0.309	24.62	0.290	23.32	0.215
		50	0	24.87	0.307	24.58	0.287	23.46	0.222
	16QAM	1	0	**25.24**	**0.334**	24.84	0.305	23.89	0.245
		1	25	25.17	0.329	24.99	0.316	23.42	0.220
		1	49	25.15	0.327	24.72	0.296	23.03	0.201
		25	0	23.99	0.251	23.63	0.231	22.80	0.191
		25	12	23.99	0.251	23.68	0.233	22.59	0.182
		25	25	23.92	0.247	23.63	0.231	22.44	0.175
		50	0	23.93	0.247	23.63	0.231	22.61	0.182
	64QAM	1	0	**23.91**	**0.246**	23.45	0.221	21.75	0.150
		1	25	23.83	0.242	23.64	0.231	21.20	0.132
		1	49	23.78	0.239	23.40	0.219	20.74	0.119
		25	0	22.99	0.199	22.63	0.183	20.85	0.122
		25	12	23.00	0.200	22.69	0.186	20.63	0.116
		25	25	22.96	0.198	22.66	0.185	20.43	0.110
		50	0	22.95	0.197	22.65	0.184	20.71	0.118

LTE Band 41_IC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39765 (2 507.5 ㎒)		40640 (2 595.0 ㎒)		41515 (2 682.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	QPSK	1	0	**25.47**	**0.352**	25.13	0.326	25.21	0.332
		1	36	25.41	0.348	25.29	0.338	24.40	0.275
		1	74	25.35	0.343	25.11	0.324	23.78	0.239
		36	0	24.77	0.300	24.62	0.290	23.91	0.246
		36	18	24.85	0.305	24.67	0.293	23.61	0.230
		36	37	24.80	0.302	24.69	0.294	23.38	0.218
		75	0	24.82	0.303	24.61	0.289	23.63	0.231
	16QAM	1	0	**25.20**	**0.331**	24.75	0.299	24.38	0.274
		1	36	25.09	0.323	24.87	0.307	23.58	0.228
		1	74	25.00	0.316	24.66	0.292	22.95	0.197
		36	0	23.70	0.234	23.55	0.226	23.01	0.200
		36	18	23.84	0.242	23.60	0.229	22.66	0.185
		36	37	23.80	0.240	23.65	0.232	22.42	0.175
		75	0	23.84	0.242	23.61	0.230	22.78	0.190
	64QAM	1	0	**23.88**	**0.244**	23.44	0.221	22.13	0.163
		1	36	23.84	0.242	23.60	0.229	21.29	0.135
		1	74	23.77	0.238	23.41	0.219	20.58	0.114
		36	0	22.80	0.191	22.64	0.184	21.12	0.129
		36	18	22.92	0.196	22.69	0.186	20.72	0.118
		36	37	22.85	0.193	22.72	0.187	20.51	0.112
		75	0	22.87	0.194	22.64	0.184	20.83	0.121

LTE Band 41_IC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39790 (2 510.0 ㎒)		40640 (2 595.0 ㎒)		41490 (2 680.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	QPSK	1	0	**25.51**	**0.356**	25.02	0.318	25.42	0.348
		1	50	25.41	0.348	25.28	0.337	24.89	0.308
		1	99	25.33	0.341	25.03	0.318	23.84	0.242
		50	0	24.82	0.303	24.55	0.285	24.40	0.275
		50	25	24.89	0.308	24.66	0.292	23.90	0.245
		50	13	24.77	0.300	24.62	0.290	23.42	0.220
		100	0	24.82	0.303	24.59	0.288	23.98	0.250
	16QAM	1	0	**25.28**	**0.337**	24.64	0.291	24.59	0.288
		1	50	25.13	0.326	24.90	0.309	23.88	0.244
		1	99	25.02	0.318	24.52	0.283	22.77	0.189
		50	0	23.84	0.242	23.57	0.228	23.42	0.220
		50	25	23.91	0.246	23.66	0.232	22.98	0.199
		50	50	23.79	0.239	23.65	0.232	22.63	0.183
		100	0	23.85	0.243	23.59	0.229	22.92	0.196
	64QAM	1	0	**25.20**	**0.331**	24.75	0.299	24.38	0.274
		1	50	25.09	0.323	24.87	0.307	23.58	0.228
		1	99	25.00	0.316	24.66	0.292	22.95	0.197
		50	0	23.70	0.234	23.55	0.226	23.01	0.200
		50	25	23.84	0.242	23.60	0.229	22.66	0.185
		50	50	23.80	0.240	23.65	0.232	22.42	0.175
		100	0	23.84	0.242	23.61	0.230	22.78	0.190

LTE Band 66/4									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				131979 (1 710.7 ㎒)		132322 (1 745.0 ㎒)		132665 (1 779.3 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
1.4	QPSK	1	0	22.59	0.182	22.48	0.177	22.27	0.169
		1	3	**22.71**	**0.187**	22.40	0.174	22.50	0.178
		1	5	22.54	0.179	22.32	0.171	22.23	0.167
		3	0	22.60	0.182	22.41	0.174	22.33	0.171
		3	2	22.61	0.182	22.39	0.173	22.32	0.171
		3	3	22.55	0.180	22.36	0.172	22.31	0.170
		6	0	21.73	0.149	21.51	0.142	21.50	0.141
	16QAM	1	0	21.96	0.157	21.73	0.149	21.69	0.148
		1	3	**22.01**	**0.159**	21.81	0.152	21.81	0.152
		1	5	21.90	0.155	21.68	0.147	21.63	0.146
		3	0	21.75	0.150	21.60	0.145	21.61	0.145
		3	2	21.80	0.151	21.57	0.144	21.59	0.144
		3	3	21.74	0.149	21.52	0.142	21.55	0.143
		6	0	20.75	0.119	20.52	0.113	20.54	0.113
	64QAM	1	0	20.87	0.122	20.65	0.116	20.66	0.116
		1	3	**20.92**	**0.124**	20.66	0.116	20.68	0.117
		1	5	20.82	0.121	20.63	0.116	20.61	0.115
		3	0	20.79	0.120	20.58	0.114	20.53	0.113
		3	2	20.81	0.121	20.57	0.114	20.58	0.114
		3	3	20.75	0.119	20.54	0.113	20.52	0.113
		6	0	19.67	0.093	19.51	0.089	19.54	0.090

LTE Band 66/4									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				131987 (1 711.5 ㎒)		132322 (1 745.0 ㎒)		132657 (1 778.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
3	QPSK	1	0	22.71	0.187	22.45	0.176	22.49	0.177
		1	7	**22.78**	**0.190**	22.45	0.176	22.55	0.180
		1	14	22.61	0.182	22.37	0.173	22.38	0.173
		8	0	21.80	0.151	21.49	0.141	21.60	0.145
		8	4	21.82	0.152	21.52	0.142	21.58	0.144
		8	7	21.76	0.150	21.47	0.140	21.53	0.142
		15	0	21.79	0.151	21.52	0.142	21.56	0.143
	16QAM	1	0	**22.08**	**0.161**	21.73	0.149	21.84	0.153
		1	7	22.06	0.161	21.72	0.149	21.90	0.155
		1	14	21.93	0.156	21.69	0.148	21.85	0.153
		8	0	20.89	0.123	20.61	0.115	20.71	0.118
		8	4	20.92	0.124	20.65	0.116	20.69	0.117
		8	7	20.83	0.121	20.59	0.115	20.59	0.115
		15	0	20.75	0.119	20.56	0.114	20.56	0.114
	64QAM	1	0	**20.98**	**0.125**	20.69	0.117	20.76	0.119
		1	7	20.91	0.123	20.73	0.118	20.77	0.119
		1	14	20.89	0.123	20.68	0.117	20.66	0.116
		8	0	19.87	0.097	19.53	0.090	19.62	0.092
		8	4	19.85	0.097	19.66	0.092	19.64	0.092
		8	7	19.77	0.095	19.54	0.090	19.62	0.092
		15	0	19.84	0.096	19.56	0.090	19.60	0.091

LTE Band 66/4									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				131997 (1 712.5 ㎒)		132322 (1 745.0 ㎒)		132647 (1 777.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	**22.73**	**0.187**	22.42	0.175	22.51	0.178
		1	12	22.69	0.186	22.49	0.177	22.48	0.177
		1	24	22.61	0.182	22.41	0.174	22.38	0.173
		12	0	21.82	0.152	21.53	0.142	21.61	0.145
		12	6	21.84	0.153	21.54	0.143	21.63	0.146
		12	13	21.69	0.148	21.53	0.142	21.52	0.142
		25	0	21.79	0.151	21.55	0.143	21.59	0.144
	16QAM	1	0	**22.07**	**0.161**	21.63	0.146	21.77	0.150
		1	12	22.04	0.160	21.78	0.151	21.75	0.150
		1	24	21.94	0.156	21.67	0.147	21.72	0.149
		12	0	20.86	0.122	20.58	0.114	20.66	0.116
		12	6	20.89	0.123	20.59	0.115	20.72	0.118
		12	13	20.79	0.120	20.58	0.114	20.60	0.115
		25	0	20.76	0.119	20.55	0.114	20.58	0.114
	64QAM	1	0	20.87	0.122	20.66	0.116	20.72	0.118
		1	12	**20.89**	**0.123**	20.78	0.120	20.79	0.120
		1	24	20.88	0.122	20.66	0.116	20.63	0.116
		12	0	19.84	0.096	19.57	0.091	19.68	0.093
		12	6	19.88	0.097	19.59	0.091	19.64	0.092
		12	13	19.75	0.094	19.59	0.091	19.59	0.091
		25	0	19.81	0.096	19.57	0.091	19.57	0.091

LTE Band 66/4									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				132022 (1 715.0 ㎒)		132322 (1 745.0 ㎒)		132622 (1 775.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	**22.71**	**0.187**	22.19	0.166	22.21	0.166
		1	25	22.64	0.184	22.38	0.173	22.42	0.175
		1	49	22.45	0.176	22.26	0.168	22.28	0.169
		25	0	21.72	0.149	21.39	0.138	21.46	0.140
		25	12	21.78	0.151	21.45	0.140	21.46	0.140
		25	25	21.70	0.148	21.49	0.141	21.46	0.140
		50	0	21.69	0.148	21.40	0.138	21.44	0.139
	16QAM	1	0	21.79	0.151	21.59	0.144	21.49	0.141
		1	25	**22.01**	**0.159**	21.76	0.150	21.82	0.152
		1	49	21.72	0.149	21.61	0.145	21.61	0.145
		25	0	20.73	0.118	20.43	0.110	20.49	0.112
		25	12	20.82	0.121	20.49	0.112	20.51	0.112
		25	25	20.66	0.116	20.48	0.112	20.45	0.111
		50	0	20.69	0.117	20.42	0.110	20.43	0.110
	64QAM	1	0	**20.75**	**0.119**	20.37	0.109	20.35	0.108
		1	25	20.74	0.119	20.64	0.116	20.51	0.112
		1	49	20.58	0.114	20.42	0.110	20.40	0.110
		25	0	19.71	0.094	19.44	0.088	19.46	0.088
		25	12	19.83	0.096	19.52	0.090	19.58	0.091
		25	25	19.68	0.093	19.52	0.090	19.43	0.088
		50	0	19.70	0.093	19.46	0.088	19.49	0.089

LTE Band 66/4									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				132047 (1 717.5 ㎒)		132322 (1 745.0 ㎒)		132597 (1 772.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	QPSK	1	0	22.56	0.180	22.26	0.168	22.43	0.175
		1	36	**22.61**	**0.182**	22.34	0.171	22.41	0.174
		1	74	22.36	0.172	22.31	0.170	22.39	0.173
		36	0	21.67	0.147	21.47	0.140	21.49	0.141
		36	18	21.73	0.149	21.45	0.140	21.58	0.144
		36	37	21.64	0.146	21.49	0.141	21.49	0.141
		75	0	21.68	0.147	21.47	0.140	21.52	0.142
	16QAM	1	0	21.78	0.151	21.50	0.141	21.82	0.152
		1	36	**21.85**	**0.153**	21.61	0.145	21.78	0.151
		1	74	21.66	0.147	21.60	0.145	21.65	0.146
		36	0	20.68	0.117	20.42	0.110	20.48	0.112
		36	18	20.75	0.119	20.44	0.111	20.57	0.114
		36	37	20.70	0.117	20.49	0.112	20.50	0.112
		75	0	20.73	0.118	20.42	0.110	20.56	0.114
	64QAM	1	0	20.76	0.119	20.51	0.112	20.63	0.116
		1	36	**20.88**	**0.122**	20.67	0.117	20.68	0.117
		1	74	20.71	0.118	20.53	0.113	20.63	0.116
		36	0	19.68	0.093	19.48	0.089	19.52	0.090
		36	18	19.76	0.095	19.47	0.089	19.60	0.091
		36	37	19.78	0.095	19.54	0.090	19.52	0.090
		75	0	19.69	0.093	19.44	0.088	19.59	0.091

LTE Band 66/4									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				132072 (1 720.0 ㎒)		132322 (1 745.0 ㎒)		132572 (1 777.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	QPSK	1	0	22.38	0.173	22.14	0.164	22.35	0.172
		1	50	**22.60**	**0.182**	22.29	0.169	22.34	0.171
		1	99	22.43	0.175	22.18	0.165	22.32	0.171
		50	0	21.53	0.142	21.37	0.137	21.40	0.138
		50	25	21.67	0.147	21.47	0.140	21.40	0.138
		50	13	21.57	0.144	21.45	0.140	21.46	0.140
		100	0	21.60	0.145	21.36	0.137	21.37	0.137
	16QAM	1	0	21.64	0.146	21.36	0.137	21.71	0.148
		1	50	**21.76**	**0.150**	21.63	0.146	21.65	0.146
		1	99	21.53	0.142	21.42	0.139	21.64	0.146
		50	0	20.60	0.115	20.32	0.108	20.36	0.109
		50	25	20.69	0.117	20.47	0.111	20.47	0.111
		50	50	20.32	0.108	20.42	0.110	20.46	0.111
		100	0	20.64	0.116	20.32	0.108	20.41	0.110
	64QAM	1	0	20.52	0.113	20.32	0.108	20.63	0.116
		1	50	**20.85**	**0.122**	20.60	0.115	20.61	0.115
		1	99	20.53	0.113	20.62	0.115	20.65	0.116
		50	0	19.62	0.092	19.43	0.088	19.42	0.087
		50	25	19.73	0.094	19.44	0.088	19.52	0.090
		50	50	19.61	0.091	19.42	0.087	19.45	0.088
		100	0	19.64	0.092	19.39	0.087	19.42	0.087

LTE Band 71									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				133147 (665.5 ㎒)		133297 (680.5 ㎒)		133447 (695.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	22.96	0.198	22.75	0.188	22.55	0.180
		1	12	**22.97**	**0.198**	22.92	0.196	22.74	0.188
		1	24	22.75	0.188	22.84	0.192	22.58	0.181
		12	0	21.94	0.156	21.85	0.153	21.65	0.146
		12	6	22.01	0.159	21.94	0.156	21.71	0.148
		12	13	21.95	0.157	21.95	0.157	21.74	0.149
		25	0	21.94	0.156	21.86	0.153	21.68	0.147
	16QAM	1	0	**22.17**	**0.165**	21.95	0.157	21.87	0.154
		1	12	22.14	0.164	22.12	0.163	21.95	0.157
		1	24	22.05	0.160	22.08	0.161	21.87	0.154
		12	0	20.89	0.123	20.82	0.121	20.63	0.116
		12	6	20.93	0.124	20.83	0.121	20.71	0.118
		12	13	20.94	0.124	20.84	0.121	20.69	0.117
		25	0	20.88	0.122	20.79	0.120	20.63	0.116
	64QAM	1	0	**21.13**	**0.130**	20.91	0.123	20.74	0.119
		1	12	21.02	0.126	21.00	0.126	20.89	0.123
		1	24	20.44	0.111	20.94	0.124	20.80	0.120
		12	0	19.86	0.097	19.75	0.094	19.64	0.092
		12	6	19.94	0.099	19.83	0.096	19.71	0.094
		12	13	19.74	0.094	19.86	0.097	19.69	0.093
		25	0	19.90	0.098	19.77	0.095	19.65	0.092

LTE Band 71									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				133172 (668.0 ㎒)		133297 (680.5 ㎒)		133422 (693.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	**22.80**	**0.191**	22.74	0.188	22.65	0.184
		1	25	22.61	0.182	22.75	0.188	22.54	0.179
		1	49	22.65	0.184	22.64	0.184	22.55	0.180
		25	0	21.85	0.153	21.76	0.150	21.71	0.148
		25	12	21.80	0.151	21.76	0.150	21.63	0.146
		25	25	21.74	0.149	21.74	0.149	21.65	0.146
		50	0	21.75	0.150	21.65	0.146	21.57	0.144
	16QAM	1	0	**22.14**	**0.164**	22.08	0.161	22.09	0.162
		1	25	22.01	0.159	22.09	0.162	22.03	0.160
		1	49	22.03	0.160	21.94	0.156	21.88	0.154
		25	0	20.90	0.123	20.77	0.119	20.67	0.117
		25	12	20.82	0.121	20.76	0.119	20.67	0.117
		25	25	20.74	0.119	20.73	0.118	20.65	0.116
		50	0	20.79	0.120	20.66	0.116	20.54	0.113
	64QAM	1	0	21.01	0.126	**21.05**	**0.127**	20.95	0.124
		1	25	20.52	0.113	20.97	0.125	20.90	0.123
		1	49	20.96	0.125	20.90	0.123	20.83	0.121
		25	0	19.89	0.097	19.84	0.096	19.68	0.093
		25	12	19.73	0.094	19.81	0.096	19.71	0.094
		25	25	19.78	0.095	19.77	0.095	19.67	0.093
		50	0	19.75	0.094	19.72	0.094	19.63	0.092

LTE Band 71									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				133197 (670.5 ㎒)		133297 (680.5 ㎒)		133397 (690.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	QPSK	1	0	**22.81**	**0.191**	22.80	0.191	22.71	0.187
		1	36	22.64	0.184	22.66	0.185	22.57	0.181
		1	74	22.62	0.183	22.57	0.181	22.41	0.174
		36	0	21.72	0.149	21.74	0.149	21.63	0.146
		36	18	21.77	0.150	21.74	0.149	21.68	0.147
		36	37	21.76	0.150	21.78	0.151	21.73	0.149
		75	0	21.79	0.151	21.73	0.149	21.68	0.147
	16QAM	1	0	**22.20**	**0.166**	22.05	0.160	22.09	0.162
		1	36	21.97	0.157	22.05	0.160	21.91	0.155
		1	74	21.94	0.156	21.95	0.157	21.77	0.150
		36	0	20.74	0.119	20.71	0.118	20.64	0.116
		36	18	20.79	0.120	20.73	0.118	20.68	0.117
		36	37	20.88	0.122	20.78	0.120	20.73	0.118
		75	0	20.81	0.121	20.72	0.118	20.76	0.119
	64QAM	1	0	**21.05**	**0.127**	20.97	0.125	20.98	0.125
		1	36	20.84	0.121	20.93	0.124	20.85	0.122
		1	74	20.85	0.122	20.83	0.121	20.70	0.117
		36	0	19.80	0.095	19.76	0.095	19.67	0.093
		36	18	19.85	0.097	19.81	0.096	19.71	0.094
		36	37	19.77	0.095	19.85	0.097	19.77	0.095
		75	0	19.83	0.096	19.72	0.094	19.74	0.094

LTE Band 71									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				133222 (673.0 ㎒)		133297 (680.5 ㎒)		133372 (688.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	QPSK	1	0	**22.79**	**0.190**	22.74	0.188	22.74	0.188
		1	50	22.65	0.184	22.63	0.183	22.62	0.183
		1	99	22.57	0.181	22.54	0.179	22.43	0.175
		50	0	21.75	0.150	21.68	0.147	21.67	0.147
		50	25	21.84	0.153	21.79	0.151	21.72	0.149
		50	13	21.79	0.151	21.77	0.150	21.68	0.147
		100	0	21.77	0.150	21.71	0.148	21.64	0.146
	16QAM	1	0	**22.18**	**0.165**	22.07	0.161	22.13	0.163
		1	50	21.98	0.158	22.03	0.160	21.98	0.158
		1	99	22.02	0.159	21.98	0.158	21.85	0.153
		50	0	20.75	0.119	20.70	0.117	20.68	0.117
		50	25	20.84	0.121	20.82	0.121	20.75	0.119
		50	50	20.81	0.121	20.76	0.119	20.71	0.118
		100	0	20.74	0.119	20.71	0.118	20.67	0.117
	64QAM	1	0	**21.12**	**0.129**	20.92	0.124	20.94	0.124
		1	50	20.89	0.123	20.91	0.123	20.84	0.121
		1	99	20.87	0.122	20.82	0.121	20.73	0.118
		50	0	19.78	0.095	19.72	0.094	19.71	0.094
		50	25	19.90	0.098	19.79	0.095	19.76	0.095
		50	50	19.83	0.096	19.76	0.095	19.71	0.094
		100	0	19.79	0.095	19.74	0.094	19.68	0.093

SIM 2

LTE Band 7											
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power							
				20775 (2 502.5 ㎒)		21100 (2 535.0 ㎒)		21425 (2 567.5 ㎒)			
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)		
5	QPSK	1	0	22.65	0.184	22.37	0.173	**22.77**	**0.189**		
		1	12	22.71	0.187	22.53	0.179	22.54	0.179		
		1	24	22.74	0.188	22.32	0.171	22.53	0.179		
		3	0	21.74	0.149	21.41	0.138	21.78	0.151		
		3	6	21.74	0.149	21.42	0.139	21.83	0.152		
		3	13	21.67	0.147	21.34	0.136	21.73	0.149		
		6	0	21.70	0.148	21.42	0.139	21.65	0.146		
	16QAM	1	0	21.99	0.158	21.88	0.154	21.86	0.153		
		1	12	21.93	0.156	21.66	0.147	21.59	0.144		
		1	24	**22.13**	**0.163**	21.66	0.147	21.86	0.153		
		3	0	20.68	0.117	20.43	0.110	20.86	0.122		
		3	6	20.79	0.120	20.51	0.112	20.85	0.122		
		3	13	20.73	0.118	20.44	0.111	20.88	0.122		
		6	0	20.72	0.118	20.45	0.111	20.75	0.119		
	64QAM	1	0	20.48	0.112	**20.80**	**0.120**	20.07	0.102		
		1	12	20.15	0.104	20.68	0.117	19.84	0.096		
		1	24	20.85	0.122	20.60	0.115	19.70	0.093		
		3	0	19.26	0.084	19.38	0.087	18.90	0.078		
		3	6	19.57	0.091	19.58	0.091	18.94	0.078		
		3	13	19.79	0.095	19.47	0.089	18.87	0.077		
		6	0	19.52	0.090	19.42	0.087	18.73	0.075		

LTE Band 7											
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power							
				20800 (2 505.0 ㎒)		21100 (2 535.0 ㎒)		21400 (2 565.0 ㎒)			
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)		
10	QPSK	1	0	**22.85**	**0.193**	22.47	0.177	22.84	0.192		
		1	25	22.71	0.187	22.27	0.169	22.46	0.176		
		1	49	22.55	0.180	22.39	0.173	22.39	0.173		
		25	0	21.72	0.149	21.50	0.141	21.85	0.153		
		25	12	21.65	0.146	21.46	0.140	21.76	0.150		
		25	25	21.74	0.149	21.35	0.136	21.69	0.148		
		50	0	21.56	0.143	21.39	0.138	21.65	0.146		
	16QAM	1	0	21.88	0.154	21.69	0.148	22.02	0.159		
		1	25	**22.06**	**0.161**	21.54	0.143	21.79	0.151		
		1	49	21.76	0.150	21.91	0.155	21.74	0.149		
		25	0	20.83	0.121	20.42	0.110	20.84	0.121		
		25	12	20.68	0.117	20.42	0.110	20.94	0.124		
		25	25	20.69	0.117	20.45	0.111	20.78	0.120		
		50	0	20.55	0.114	20.45	0.111	20.81	0.121		
	64QAM	1	0	20.63	0.116	20.75	0.119	20.30	0.107		
		1	25	20.44	0.111	20.64	0.116	20.14	0.103		
		1	49	**20.83**	**0.121**	20.55	0.114	19.58	0.091		
		25	0	19.63	0.092	19.41	0.087	18.95	0.079		
		25	12	19.80	0.095	19.46	0.088	18.83	0.076		
		25	25	19.52	0.090	19.48	0.089	18.77	0.075		
		50	0	19.61	0.091	19.42	0.087	18.75	0.075		

LTE Band 7									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				20825 (2 502.5 ㎒)		21100 (2 535.0 ㎒)		21375 (2 567.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	QPSK	1	0	22.67	0.185	22.35	0.172	**22.69**	**0.186**
		1	36	22.56	0.180	22.23	0.167	22.43	0.175
		1	74	22.54	0.179	22.35	0.172	22.33	0.171
		36	0	21.65	0.146	21.43	0.139	21.77	0.150
		36	18	21.62	0.145	21.43	0.139	21.75	0.150
		36	37	21.61	0.145	21.36	0.137	21.63	0.146
		75	0	21.56	0.143	21.41	0.138	21.71	0.148
	16QAM	1	0	21.86	0.153	21.72	0.149	21.86	0.153
		1	36	22.08	0.161	21.74	0.149	21.60	0.145
		1	74	**22.19**	**0.166**	21.36	0.137	21.62	0.145
		36	0	20.64	0.116	20.46	0.111	20.79	0.120
		36	18	20.66	0.116	20.32	0.108	20.85	0.122
		36	37	20.54	0.113	20.30	0.107	20.77	0.119
		75	0	20.60	0.115	20.40	0.110	20.70	0.117
	64QAM	1	0	20.35	0.108	20.61	0.115	**20.82**	**0.121**
		1	36	20.63	0.116	20.71	0.118	19.70	0.093
		1	74	20.49	0.112	20.72	0.118	19.51	0.089
		36	0	19.70	0.093	19.37	0.086	19.39	0.087
		36	18	19.60	0.091	19.51	0.089	19.11	0.081
		36	37	19.71	0.094	19.36	0.086	18.87	0.077
		75	0	19.61	0.091	19.43	0.088	19.00	0.079

LTE Band 7									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				20850 (2 510.0 ㎒)		21100 (2 535.0 ㎒)		21350 (2 560.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	QPSK	1	0	22.65	0.184	22.40	0.174	**22.74**	**0.188**
		1	50	22.53	0.179	22.19	0.166	22.57	0.181
		1	99	22.59	0.182	22.32	0.171	22.32	0.171
		50	0	21.64	0.146	21.42	0.139	21.69	0.148
		50	25	21.67	0.147	21.37	0.137	21.84	0.153
		50	50	21.61	0.145	21.24	0.133	21.59	0.144
		100	0	21.58	0.144	21.43	0.139	21.60	0.145
	16QAM	1	0	21.88	0.154	21.83	0.152	21.73	0.149
		1	50	21.73	0.149	21.65	0.146	22.05	0.160
		1	99	**22.08**	**0.161**	21.73	0.149	21.60	0.145
		50	0	20.67	0.117	20.38	0.109	20.62	0.115
		50	25	20.73	0.118	20.45	0.111	20.87	0.122
		50	50	20.63	0.116	20.25	0.106	20.65	0.116
		100	0	20.55	0.114	20.29	0.107	20.71	0.118
	64QAM	1	0	20.69	0.117	20.65	0.116	20.81	0.121
		1	50	**20.91**	**0.123**	20.65	0.116	20.16	0.104
		1	99	20.79	0.120	20.30	0.107	19.65	0.092
		50	0	19.63	0.092	19.24	0.084	19.75	0.094
		50	25	19.64	0.092	19.50	0.089	19.30	0.085
		50	50	19.65	0.092	19.24	0.084	18.86	0.077
		100	0	19.56	0.090	19.40	0.087	19.14	0.082

LTE Band 12									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				23017 (699.7 ㎒)		23095 (707.5 ㎒)		23173 (715.3 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
1.4	QPSK	1	0	22.03	0.160	22.81	0.191	21.88	0.154
		1	3	22.08	0.161	22.95	0.197	21.81	0.152
		1	5	21.97	0.157	22.94	0.197	21.62	0.145
		3	0	22.02	0.159	22.86	0.193	21.81	0.152
		3	2	22.12	0.163	**22.96**	**0.198**	21.71	0.148
		3	3	22.04	0.160	22.94	0.197	21.65	0.146
		6	0	21.04	0.127	21.91	0.155	20.87	0.122
	16QAM	1	0	21.45	0.140	22.11	0.163	21.16	0.131
		1	3	21.41	0.138	22.14	0.164	21.09	0.129
		1	5	21.32	0.136	**22.19**	**0.166**	20.89	0.123
		3	0	21.43	0.139	22.04	0.160	21.09	0.129
		3	2	21.44	0.139	22.18	0.165	20.91	0.123
		3	3	21.28	0.134	22.12	0.163	20.88	0.122
		6	0	20.39	0.109	21.03	0.127	20.02	0.100
	64QAM	1	0	19.58	0.091	21.07	0.128	19.25	0.084
		1	3	19.56	0.090	21.12	0.129	19.22	0.084
		1	5	19.49	0.089	**21.17**	**0.131**	19.05	0.080
		3	0	19.55	0.090	21.04	0.127	19.22	0.084
		3	2	19.46	0.088	21.16	0.131	19.23	0.084
		3	3	19.45	0.088	21.12	0.129	19.09	0.081
		6	0	18.53	0.071	20.01	0.100	18.12	0.065

LTE Band 12									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				23017 (700.5 ㎒)		23095 (707.5 ㎒)		23165 (714.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
3	QPSK	1	0	22.26	0.168	22.89	0.195	22.72	0.187
		1	7	22.11	0.163	**23.09**	**0.204**	22.20	0.166
		1	14	21.86	0.153	23.06	0.202	21.81	0.152
		8	0	21.33	0.136	22.01	0.159	21.63	0.146
		8	4	21.26	0.134	22.03	0.160	21.37	0.137
		8	7	21.13	0.130	22.09	0.162	21.13	0.130
		15	0	21.23	0.133	22.03	0.160	21.33	0.136
	16QAM	1	0	21.55	0.143	22.11	0.163	21.93	0.156
		1	7	21.44	0.139	22.25	0.168	21.46	0.140
		1	14	21.31	0.135	**22.26**	**0.168**	21.02	0.126
		8	0	20.56	0.114	21.07	0.128	20.83	0.121
		8	4	20.51	0.112	21.11	0.129	20.47	0.111
		8	7	20.33	0.108	21.16	0.131	20.26	0.106
		15	0	20.41	0.110	21.05	0.127	20.49	0.112
	64QAM	1	0	19.78	0.095	20.83	0.121	20.27	0.106
		1	7	19.59	0.091	21.15	0.130	19.80	0.095
		1	14	19.38	0.087	**21.33**	**0.136**	19.43	0.088
		8	0	18.63	0.073	19.98	0.100	19.02	0.080
		8	4	18.59	0.072	20.09	0.102	18.66	0.073
		8	7	18.42	0.070	20.14	0.103	18.43	0.070
		15	0	18.54	0.071	20.06	0.101	18.63	0.073

LTE Band 12/17									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				23035 (701.5 ㎒)		23095 (707.5 ㎒)		23155 (713.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	22.32	0.171	22.72	0.187	**23.16**	**0.207**
		1	12	22.06	0.161	23.01	0.200	22.88	0.194
		1	24	22.14	0.164	23.05	0.202	22.13	0.163
		12	0	21.37	0.137	21.94	0.156	22.26	0.168
		12	6	21.31	0.135	22.06	0.161	21.97	0.157
		12	13	21.20	0.132	22.10	0.162	21.43	0.139
		25	0	21.26	0.134	22.01	0.159	21.95	0.157
	16QAM	1	0	21.57	0.144	21.99	0.158	**22.33**	**0.171**
		1	12	21.33	0.136	22.29	0.169	21.94	0.156
		1	24	21.39	0.138	22.27	0.169	21.21	0.132
		12	0	20.52	0.113	21.05	0.127	21.29	0.135
		12	6	20.48	0.112	21.08	0.128	21.19	0.132
		12	13	20.35	0.108	21.14	0.130	20.56	0.114
		25	0	20.43	0.110	21.05	0.127	21.09	0.129
	64QAM	1	0	19.59	0.091	20.32	0.108	**21.38**	**0.137**
		1	12	19.34	0.086	21.29	0.135	20.37	0.109
		1	24	19.43	0.088	21.37	0.137	19.55	0.090
		12	0	18.63	0.073	19.58	0.091	19.94	0.099
		12	6	18.49	0.071	20.13	0.103	19.41	0.087
		12	13	18.43	0.070	20.14	0.103	18.58	0.072
		25	0	18.50	0.071	20.07	0.102	19.26	0.084

LTE Band 12/17									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				23060 (704.0 ㎒)		23095 (707.5 ㎒)		23130 (711.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	22.36	0.172	22.59	0.182	22.93	0.196
		1	25	22.41	0.174	22.94	0.197	**23.12**	**0.205**
		1	49	22.95	0.197	23.01	0.200	22.15	0.164
		25	0	21.19	0.132	21.82	0.152	22.10	0.162
		25	12	21.43	0.139	22.03	0.160	22.20	0.166
		25	25	21.90	0.155	22.12	0.163	22.19	0.166
		50	0	21.74	0.149	21.94	0.156	22.19	0.166
	16QAM	1	0	21.66	0.147	21.81	0.152	22.29	0.169
		1	25	21.82	0.152	22.34	0.171	**22.46**	**0.176**
		1	49	22.28	0.169	22.45	0.176	21.42	0.139
		25	0	20.35	0.108	20.82	0.121	21.03	0.127
		25	12	20.59	0.115	21.06	0.128	21.25	0.133
		25	25	20.85	0.122	21.15	0.130	21.31	0.135
		50	0	20.79	0.120	20.93	0.124	21.08	0.128
	64QAM	1	0	19.84	0.096	20.01	0.100	21.21	0.132
		1	25	20.03	0.101	**21.42**	**0.139**	21.37	0.137
		1	49	21.19	0.132	21.21	0.132	19.76	0.095
		25	0	18.49	0.071	19.33	0.086	20.07	0.102
		25	12	18.70	0.074	19.91	0.098	20.25	0.106
		25	25	19.30	0.085	20.14	0.103	19.48	0.089
		50	0	19.04	0.080	19.83	0.096	19.92	0.098

LTE Band 13									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				23205 (779.5 ㎒)		23230 (782.0 ㎒)		23255 (784.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	23.13	0.206	23.43	0.220	23.52	0.225
		1	12	23.23	0.210	23.57	0.228	23.61	0.230
		1	24	23.51	0.224	23.61	0.230	**23.64**	**0.231**
		12	0	22.34	0.171	22.57	0.181	22.65	0.184
		12	6	22.46	0.176	22.61	0.182	22.67	0.185
		12	13	22.50	0.178	22.76	0.189	22.75	0.188
		25	0	22.48	0.177	22.61	0.182	22.67	0.185
	16QAM	1	0	22.39	0.173	22.73	0.187	22.89	0.195
		1	12	22.49	0.177	22.84	0.192	22.80	0.191
		1	24	22.83	0.192	**23.09**	**0.204**	23.04	0.201
		12	0	21.46	0.140	21.57	0.144	21.65	0.146
		12	6	21.49	0.141	21.64	0.146	21.71	0.148
		12	13	21.61	0.145	21.77	0.150	21.83	0.152
		25	0	21.51	0.142	21.61	0.145	21.73	0.149
	64QAM	1	0	20.59	0.115	21.54	0.143	**21.94**	**0.156**
		1	12	21.28	0.134	21.79	0.151	21.82	0.152
		1	24	20.92	0.124	21.75	0.150	21.78	0.151
		12	0	20.42	0.110	20.56	0.114	20.69	0.117
		12	6	20.51	0.112	20.81	0.121	20.74	0.119
		12	13	20.22	0.105	20.71	0.118	20.78	0.120
		25	0	20.31	0.107	20.80	0.120	20.75	0.119

LTE Band 13									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
						23230 (782.0 ㎒)			
						(dB m)	(W)		
10	QPSK	1	0	-	-	23.27	0.212	-	-
		1	25	-	-	**23.63**	**0.231**	-	-
		1	49	-	-	23.58	0.228	-	-
		25	0	-	-	22.45	0.176	-	-
		25	12	-	-	22.54	0.179	-	-
		25	25	-	-	22.68	0.185	-	-
		50	0	-	-	22.56	0.180	-	-
	16QAM	1	0	-	-	22.81	0.191	-	-
		1	25	-	-	22.70	0.186	-	-
		1	49	-	-	**23.37**	**0.217**	-	-
		25	0	-	-	21.41	0.138	-	-
		25	12	-	-	21.66	0.147	-	-
		25	25	-	-	21.55	0.143	-	-
		50	0	-	-	21.52	0.142	-	-
	64QAM	1	0	-	-	21.52	0.142	-	-
		1	25	-	-	21.47	0.140	-	-
		1	49	-	-	**21.68**	**0.147**	-	-
		25	0	-	-	20.39	0.109	-	-
		25	12	-	-	20.72	0.118	-	-
		25	25	-	-	20.67	0.117	-	-
		50	0	-	-	20.46	0.111	-	-

LTE Band 25/2									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26047 (1 850.7 ㎒)		26365 (1 882.5 ㎒)		26683 (1 914.3 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
1.4	QPSK	1	0	22.61	0.182	22.61	0.182	22.07	0.161
		1	3	**22.72**	**0.187**	22.61	0.182	22.15	0.164
		1	5	22.54	0.179	22.59	0.182	22.00	0.158
		3	0	22.54	0.179	22.57	0.181	22.01	0.159
		3	2	22.61	0.182	22.69	0.186	22.13	0.163
		3	3	22.51	0.178	22.56	0.180	22.13	0.163
		6	0	21.56	0.143	21.72	0.149	21.19	0.132
	16QAM	1	0	21.85	0.153	21.72	0.149	21.38	0.137
		1	3	22.09	0.162	21.92	0.156	21.43	0.139
		1	5	**22.10**	**0.162**	22.06	0.161	21.29	0.135
		3	0	21.76	0.150	21.69	0.148	21.09	0.129
		3	2	21.82	0.152	21.88	0.154	21.28	0.134
		3	3	21.74	0.149	21.89	0.155	21.13	0.130
		6	0	20.62	0.115	20.73	0.118	20.24	0.106
	64QAM	1	0	20.95	0.124	20.77	0.119	20.29	0.107
		1	3	20.98	0.125	**21.15**	**0.130**	20.10	0.102
		1	5	20.92	0.124	20.96	0.125	19.76	0.095
		3	0	20.72	0.118	20.88	0.122	20.14	0.103
		3	2	20.85	0.122	20.71	0.118	19.84	0.096
		3	3	20.73	0.118	20.71	0.118	19.81	0.096
		6	0	19.81	0.096	19.79	0.095	18.93	0.078

LTE Band 25/2									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26047 (1 851.5 ㎒)		26365 (1 882.5 ㎒)		26683 (1 913.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
3	QPSK	1	0	22.53	0.179	22.61	0.182	22.04	0.160
		1	7	**22.73**	**0.187**	22.67	0.185	22.27	0.169
		1	14	22.65	0.184	22.63	0.183	21.99	0.158
		8	0	21.65	0.146	21.78	0.151	21.19	0.132
		8	4	21.73	0.149	21.84	0.153	21.24	0.133
		8	7	21.69	0.148	21.72	0.149	21.20	0.132
		15	0	21.68	0.147	21.74	0.149	21.23	0.133
	16QAM	1	0	21.92	0.156	21.98	0.158	21.25	0.133
		1	7	21.87	0.154	22.01	0.159	21.57	0.144
		1	14	**22.05**	**0.160**	21.81	0.152	21.42	0.139
		8	0	20.79	0.120	20.83	0.121	20.34	0.108
		8	4	20.75	0.119	20.78	0.120	20.20	0.105
		8	7	20.77	0.119	20.79	0.120	20.28	0.107
		15	0	20.77	0.119	20.73	0.118	20.18	0.104
	64QAM	1	0	21.05	0.127	21.06	0.128	20.23	0.105
		1	7	21.01	0.126	21.07	0.128	19.85	0.097
		1	14	**21.45**	**0.140**	21.15	0.130	19.47	0.089
		8	0	19.73	0.094	19.73	0.094	19.15	0.082
		8	4	19.78	0.095	19.78	0.095	19.11	0.081
		8	7	19.71	0.094	19.73	0.094	18.91	0.078
		15	0	19.80	0.095	19.79	0.095	19.04	0.080

LTE Band 25/2									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26065 (1 852.5 ㎒)		26365 (1 882.5 ㎒)		26665 (1 912.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	22.71	0.187	22.50	0.178	22.15	0.164
		1	12	22.47	0.177	**22.76**	**0.189**	22.02	0.159
		1	24	22.53	0.179	22.57	0.181	21.88	0.154
		12	0	21.64	0.146	21.74	0.149	21.23	0.133
		12	6	21.77	0.150	21.73	0.149	21.23	0.133
		12	13	21.73	0.149	21.73	0.149	21.22	0.132
		25	0	21.71	0.148	21.77	0.150	21.26	0.134
	16QAM	1	0	22.09	0.162	22.07	0.161	21.55	0.143
		1	12	22.09	0.162	21.86	0.153	21.52	0.142
		1	24	21.85	0.153	**22.13**	**0.163**	21.21	0.132
		12	0	20.65	0.116	20.84	0.121	20.24	0.106
		12	6	20.71	0.118	20.78	0.120	20.31	0.107
		12	13	20.80	0.120	20.81	0.121	20.32	0.108
		25	0	20.65	0.116	20.79	0.120	20.27	0.106
	64QAM	1	0	**21.14**	**0.130**	20.86	0.122	20.28	0.107
		1	12	20.92	0.124	20.88	0.122	19.97	0.099
		1	24	21.00	0.126	21.00	0.126	19.36	0.086
		12	0	19.82	0.096	19.69	0.093	19.22	0.084
		12	6	19.71	0.094	19.86	0.097	19.22	0.084
		12	13	19.75	0.094	19.81	0.096	18.82	0.076
		25	0	19.73	0.094	19.72	0.094	19.02	0.080

LTE Band 25/2									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26090 (1 855.0 ㎒)		26365 (1 882.5 ㎒)		26640 (1 910.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	22.48	0.177	22.27	0.169	22.06	0.161
		1	25	22.73	0.187	**22.74**	**0.188**	22.26	0.168
		1	49	22.39	0.173	22.35	0.172	21.87	0.154
		25	0	21.64	0.146	21.63	0.146	21.25	0.133
		25	12	21.69	0.148	21.82	0.152	21.25	0.133
		25	25	21.69	0.148	21.70	0.148	21.22	0.132
		50	0	21.63	0.146	21.69	0.148	21.22	0.132
	16QAM	1	0	21.62	0.145	21.55	0.143	21.59	0.144
		1	25	21.82	0.152	**22.14**	**0.164**	21.78	0.151
		1	49	21.61	0.145	22.02	0.159	21.30	0.135
		25	0	20.67	0.117	20.62	0.115	20.23	0.105
		25	12	20.72	0.118	20.78	0.120	20.34	0.108
		25	25	20.51	0.112	20.78	0.120	20.18	0.104
		50	0	20.69	0.117	20.74	0.119	20.23	0.105
	64QAM	1	0	20.69	0.117	20.89	0.123	20.18	0.104
		1	25	20.78	0.120	**21.12**	**0.129**	20.03	0.101
		1	49	20.40	0.110	20.59	0.115	19.29	0.085
		25	0	19.62	0.092	19.62	0.092	19.13	0.082
		25	12	19.78	0.095	19.72	0.094	19.23	0.084
		25	25	19.66	0.092	19.74	0.094	19.03	0.080
		50	0	19.68	0.093	19.70	0.093	19.28	0.085

LTE Band 25/2									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26115 (1 857.5 ㎒)		26365 (1 882.5 ㎒)		26615 (1 907.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	QPSK	1	0	22.63	0.183	22.60	0.182	22.24	0.167
		1	36	**22.64**	**0.184**	22.54	0.179	22.35	0.172
		1	74	22.41	0.174	22.55	0.180	22.06	0.161
		36	0	21.53	0.142	21.67	0.147	21.29	0.135
		36	18	21.71	0.148	21.75	0.150	21.25	0.133
		36	37	21.71	0.148	21.65	0.146	21.19	0.132
		75	0	21.71	0.148	21.72	0.149	21.22	0.132
	16QAM	1	0	21.74	0.149	22.08	0.161	21.75	0.150
		1	36	**22.19**	**0.166**	22.07	0.161	21.51	0.142
		1	74	21.93	0.156	22.13	0.163	21.57	0.144
		36	0	20.53	0.113	20.66	0.116	20.22	0.105
		36	18	20.80	0.120	20.71	0.118	20.35	0.108
		36	37	20.66	0.116	20.71	0.118	20.25	0.106
		75	0	20.59	0.115	20.69	0.117	20.35	0.108
	64QAM	1	0	20.30	0.107	20.87	0.122	20.15	0.104
		1	36	**20.89**	**0.123**	20.83	0.121	20.52	0.113
		1	74	20.73	0.118	20.60	0.115	19.42	0.087
		36	0	19.52	0.090	19.73	0.094	19.17	0.083
		36	18	19.74	0.094	19.84	0.096	19.38	0.087
		36	37	19.69	0.093	19.78	0.095	19.23	0.084
		75	0	19.74	0.094	19.63	0.092	19.32	0.086

LTE Band 25/2									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26140 (1 860.0 ㎒)		26365 (1 882.5 ㎒)		26590 (1 905.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	QPSK	1	0	22.36	0.172	22.54	0.179	22.30	0.170
		1	50	22.61	0.182	**22.69**	**0.186**	22.26	0.168
		1	99	22.54	0.179	22.55	0.180	22.07	0.161
		50	0	21.62	0.145	21.69	0.148	21.39	0.138
		50	25	21.76	0.150	21.74	0.149	21.36	0.137
		50	13	21.79	0.151	21.65	0.146	21.19	0.132
		100	0	21.70	0.148	21.58	0.144	21.25	0.133
	16QAM	1	0	22.04	0.160	21.96	0.157	21.76	0.150
		1	50	22.03	0.160	**22.25**	**0.168**	21.59	0.144
		1	99	21.85	0.153	21.89	0.155	21.62	0.145
		50	0	20.70	0.117	20.67	0.117	20.34	0.108
		50	25	20.75	0.119	20.80	0.120	20.29	0.107
		50	50	20.73	0.118	20.72	0.118	20.22	0.105
		100	0	20.66	0.116	20.64	0.116	20.27	0.106
	64QAM	1	0	20.86	0.122	20.81	0.121	20.63	0.116
		1	50	20.82	0.121	**20.88**	**0.122**	20.13	0.103
		1	99	20.62	0.115	20.76	0.119	19.54	0.090
		50	0	19.65	0.092	19.73	0.094	19.29	0.085
		50	25	19.72	0.094	19.81	0.096	19.30	0.085
		50	50	19.79	0.095	19.64	0.092	19.28	0.085
		100	0	19.71	0.094	19.63	0.092	19.23	0.084

LTE Band 26/5_part 22									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26805 (824.7 ㎒)		26915 (836.5 ㎒)		27033 (848.3 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
1.4	QPSK	1	0	22.12	0.163	22.46	0.176	22.63	0.183
		1	2	22.23	0.167	22.55	0.180	**22.74**	**0.188**
		1	5	22.17	0.165	22.47	0.177	22.59	0.182
		3	0	22.11	0.163	22.46	0.176	22.70	0.186
		3	2	22.25	0.168	22.57	0.181	22.63	0.183
		3	3	22.23	0.167	22.57	0.181	22.67	0.185
		6	0	21.31	0.135	21.58	0.144	21.76	0.150
	16QAM	1	0	21.37	0.137	21.79	0.151	21.89	0.155
		1	3	21.55	0.143	21.88	0.154	**22.23**	**0.167**
		1	5	21.61	0.145	21.79	0.151	22.20	0.166
		3	0	21.43	0.139	21.67	0.147	21.82	0.152
		3	2	21.44	0.139	21.75	0.150	21.86	0.153
		3	3	21.42	0.139	21.73	0.149	21.80	0.151
		6	0	20.42	0.110	20.69	0.117	20.75	0.119
	64QAM	1	0	20.39	0.109	20.70	0.117	20.70	0.117
		1	2	20.54	0.113	20.80	0.120	**20.97**	**0.125**
		1	5	20.45	0.111	20.77	0.119	20.68	0.117
		3	0	20.41	0.110	20.72	0.118	20.75	0.119
		3	2	20.48	0.112	20.77	0.119	20.84	0.121
		3	3	20.38	0.109	20.75	0.119	20.88	0.122
		6	0	19.37	0.086	19.67	0.093	19.74	0.094

LTE Band 26/5_part 22									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26805 (825.5 ㎒)		26915 (836.5 ㎒)		27025 (847.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
3	QPSK	1	0	22.56	0.180	22.83	0.192	22.81	0.191
		1	7	22.63	0.183	22.93	0.196	**22.97**	**0.198**
		1	14	22.67	0.185	22.91	0.195	22.78	0.190
		8	0	21.68	0.147	21.86	0.153	21.86	0.153
		8	4	21.80	0.151	22.01	0.159	21.86	0.153
		8	7	21.73	0.149	21.99	0.158	21.77	0.150
		15	0	21.71	0.148	21.98	0.158	21.82	0.152
	16QAM	1	0	21.96	0.157	22.13	0.163	22.11	0.163
		1	7	21.91	0.155	22.15	0.164	22.15	0.164
		1	14	21.95	0.157	**22.19**	**0.166**	21.99	0.158
		8	0	20.74	0.119	20.98	0.125	20.89	0.123
		8	4	20.84	0.121	21.09	0.129	20.97	0.125
		8	7	20.74	0.119	21.09	0.129	20.82	0.121
		15	0	20.76	0.119	20.97	0.125	20.82	0.121
	64QAM	1	0	20.88	0.122	21.09	0.129	**21.25**	**0.133**
		1	7	20.86	0.122	21.11	0.129	20.92	0.124
		1	14	20.91	0.123	21.07	0.128	20.44	0.111
		8	0	19.71	0.094	19.95	0.099	19.87	0.097
		8	4	19.80	0.095	20.02	0.100	19.91	0.098
		8	7	19.78	0.095	20.05	0.101	19.84	0.096
		15	0	19.82	0.096	20.02	0.100	19.94	0.099

LTE Band 26/5_part 22									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26815 (825.5 ㎒)		26915 (836.5 ㎒)		27015 (847.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	22.51	0.178	22.79	0.190	22.81	0.191
		1	12	22.57	0.181	22.92	0.196	22.80	0.191
		1	24	22.66	0.185	**22.94**	**0.197**	22.71	0.187
		12	0	21.66	0.147	21.89	0.155	21.90	0.155
		12	6	21.79	0.151	21.91	0.155	21.87	0.154
		12	13	21.73	0.149	21.97	0.157	21.85	0.153
		25	0	21.70	0.148	21.94	0.156	21.92	0.156
	16QAM	1	0	21.85	0.153	22.14	0.164	22.21	0.166
		1	12	21.83	0.152	22.12	0.163	22.14	0.164
		1	24	21.96	0.157	**22.23**	**0.167**	22.17	0.165
		12	0	20.73	0.118	20.86	0.122	21.01	0.126
		12	6	20.81	0.121	20.97	0.125	20.94	0.124
		12	13	20.77	0.119	21.03	0.127	20.81	0.121
		25	0	20.74	0.119	20.97	0.125	20.92	0.124
	64QAM	1	0	20.87	0.122	21.09	0.129	20.94	0.124
		1	12	20.91	0.123	**21.20**	**0.132**	20.58	0.114
		1	24	20.94	0.124	21.18	0.131	20.88	0.122
		12	0	19.78	0.095	19.89	0.097	19.88	0.097
		12	6	19.81	0.096	19.93	0.098	19.93	0.098
		12	13	19.81	0.096	20.04	0.101	19.95	0.099
		25	0	19.77	0.095	19.94	0.099	19.91	0.098

LTE Band 26/5_part 22									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26840 (829.0 ㎒)		26915 (836.5 ㎒)		26990 (844.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	22.62	0.183	22.76	0.189	22.71	0.187
		1	25	22.59	0.182	22.89	0.195	22.82	0.191
		1	49	22.78	0.190	**22.96**	**0.198**	22.74	0.188
		25	0	21.62	0.145	21.74	0.149	21.68	0.147
		25	12	21.76	0.150	21.88	0.154	21.82	0.152
		25	25	21.67	0.147	21.96	0.157	21.87	0.154
		50	0	21.71	0.148	21.92	0.156	21.73	0.149
	16QAM	1	0	21.94	0.156	22.08	0.161	22.24	0.167
		1	25	21.90	0.155	22.15	0.164	22.19	0.166
		1	49	22.07	0.161	**22.29**	**0.169**	22.10	0.162
		25	0	20.67	0.117	20.76	0.119	20.78	0.120
		25	12	20.78	0.120	20.89	0.123	20.93	0.124
		25	25	20.76	0.119	20.98	0.125	20.68	0.117
		50	0	20.70	0.117	20.91	0.123	20.75	0.119
	64QAM	1	0	20.92	0.124	20.94	0.124	20.99	0.126
		1	25	20.93	0.124	21.12	0.129	20.92	0.124
		1	49	20.99	0.126	**21.21**	**0.132**	20.93	0.124
		25	0	19.66	0.092	19.76	0.095	19.51	0.089
		25	12	19.77	0.095	19.94	0.099	19.92	0.098
		25	25	19.69	0.093	19.99	0.100	19.82	0.096
		50	0	19.73	0.094	19.91	0.098	19.78	0.095

LTE Band 26_part 22									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26865 (831.5 ㎒)				26965 (841.5 ㎒)	
				(dB m)	(W)			(dB m)	(W)
15	QPSK	1	0	22.55	0.180	-	-	22.76	0.189
		1	36	22.56	0.180	-	-	**22.85**	**0.193**
		1	74	22.69	0.186	-	-	22.76	0.189
		36	0	21.60	0.145	-	-	21.82	0.152
		36	18	21.63	0.146	-	-	21.97	0.157
		36	37	21.84	0.153	-	-	21.99	0.158
		75	0	21.73	0.149	-	-	21.86	0.153
	16QAM	1	0	21.88	0.154	-	-	22.13	0.163
		1	36	21.96	0.157	-	-	**22.18**	**0.165**
		1	74	22.17	0.165	-	-	22.11	0.163
		36	0	20.50	0.112	-	-	20.86	0.122
		36	18	20.75	0.119	-	-	20.96	0.125
		36	37	20.76	0.119	-	-	21.09	0.129
		75	0	20.72	0.118	-	-	20.93	0.124
	64QAM	1	0	20.83	0.121	-	-	21.03	0.127
		1	36	20.79	0.120	-	-	21.08	0.128
		1	74	20.80	0.120	-	-	**21.17**	**0.131**
		36	0	19.36	0.086	-	-	19.86	0.097
		36	18	19.41	0.087	-	-	19.95	0.099
		36	37	19.51	0.089	-	-	20.06	0.101
		75	0	19.44	0.088	-	-	19.87	0.097

LTE Band 26_part 90									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26697 (814.7 ㎒)		26740 (819.0 ㎒)		26783 (823.3 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
1.4	QPSK	1	0	22.23	0.167	22.15	0.164	22.26	0.168
		1	2	22.32	0.171	22.25	0.168	**22.36**	**0.172**
		1	5	22.29	0.169	22.22	0.167	22.28	0.169
		3	0	22.29	0.169	22.20	0.166	22.24	0.167
		3	2	22.34	0.171	22.26	0.168	22.32	0.171
		3	3	22.29	0.169	22.21	0.166	22.28	0.169
		6	0	21.38	0.137	21.33	0.136	21.38	0.137
	16QAM	1	0	**21.69**	**0.148**	21.55	0.143	21.46	0.140
		1	2	21.69	0.148	21.56	0.143	21.60	0.145
		1	5	21.65	0.146	21.46	0.140	21.61	0.145
		3	0	21.45	0.140	21.43	0.139	21.43	0.139
		3	2	21.48	0.141	21.47	0.140	21.58	0.144
		3	3	21.49	0.141	21.42	0.139	21.46	0.140
		6	0	20.49	0.112	20.37	0.109	20.46	0.111
	64QAM	1	0	20.60	0.115	20.50	0.112	20.49	0.112
		1	2	**20.62**	**0.115**	20.58	0.114	20.59	0.115
		1	5	20.60	0.115	20.44	0.111	20.51	0.112
		3	0	20.52	0.113	20.42	0.110	20.44	0.111
		3	2	20.59	0.115	20.46	0.111	20.60	0.115
		3	3	20.52	0.113	20.44	0.111	20.50	0.112
		6	0	19.46	0.088	19.42	0.087	19.44	0.088

LTE Band 26_part 90									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26705 (815.5 ㎒)		26740 (819.0 ㎒)		26775 (822.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
3	QPSK	1	0	22.29	0.169	22.58	0.181	22.54	0.179
		1	7	22.57	0.181	22.50	0.178	22.59	0.182
		1	14	22.33	0.171	**22.62**	**0.183**	22.60	0.182
		8	0	21.48	0.141	21.68	0.147	21.59	0.144
		8	4	21.47	0.140	21.72	0.149	21.68	0.147
		8	7	21.50	0.141	21.68	0.147	21.63	0.146
		15	0	21.44	0.139	21.69	0.148	21.62	0.145
	16QAM	1	0	21.64	0.146	21.86	0.153	21.83	0.152
		1	7	21.48	0.141	**21.88**	**0.154**	21.86	0.153
		1	14	21.60	0.145	21.80	0.151	21.81	0.152
		8	0	20.57	0.114	20.64	0.116	20.67	0.117
		8	4	20.51	0.112	20.75	0.119	20.77	0.119
		8	7	20.53	0.113	20.67	0.117	20.72	0.118
		15	0	20.50	0.112	20.65	0.116	20.70	0.117
	64QAM	1	0	20.57	0.114	20.82	0.121	20.81	0.121
		1	7	20.37	0.109	20.73	0.118	**20.92**	**0.124**
		1	14	20.06	0.101	20.78	0.120	20.87	0.122
		8	0	19.55	0.090	19.67	0.093	19.67	0.093
		8	4	19.58	0.091	19.72	0.094	19.76	0.095
		8	7	19.46	0.088	19.67	0.093	19.86	0.097
		15	0	19.50	0.089	19.64	0.092	19.71	0.094

LTE Band 26_part 90									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				26715 (816.5 ㎒)		26740 (819.0 ㎒)		26765 (821.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	22.30	0.170	**22.61**	**0.182**	22.49	0.177
		1	12	22.29	0.169	22.51	0.178	22.54	0.179
		1	24	22.32	0.171	22.58	0.181	22.55	0.180
		12	0	21.51	0.142	21.66	0.147	21.63	0.146
		12	6	21.50	0.141	21.68	0.147	21.69	0.148
		12	13	21.39	0.138	21.56	0.143	21.68	0.147
		25	0	21.47	0.140	21.64	0.146	21.67	0.147
	16QAM	1	0	21.65	0.146	**21.98**	**0.158**	21.68	0.147
		1	12	21.67	0.147	21.97	0.157	21.90	0.155
		1	24	21.94	0.156	21.83	0.152	21.85	0.153
		12	0	20.55	0.114	20.68	0.117	20.63	0.116
		12	6	20.46	0.111	20.63	0.116	20.75	0.119
		12	13	20.40	0.110	20.71	0.118	20.67	0.117
		25	0	20.44	0.111	20.67	0.117	20.63	0.116
	64QAM	1	0	20.69	0.117	**20.89**	**0.123**	20.88	0.122
		1	12	20.17	0.104	20.83	0.121	20.84	0.121
		1	24	20.08	0.102	20.81	0.121	20.87	0.122
		12	0	19.54	0.090	19.68	0.093	19.62	0.092
		12	6	19.57	0.091	19.65	0.092	19.74	0.094
		12	13	19.45	0.088	19.67	0.093	19.69	0.093
		25	0	19.47	0.089	19.66	0.092	19.70	0.093

LTE Band 26_part 90									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
						26740 (819.0 ㎒)			
						(dB m)	(W)		
10	QPSK	1	0	-	-	**22.51**	**0.178**	-	-
		1	25	-	-	22.47	0.177	-	-
		1	49	-	-	22.07	0.161	-	-
		25	0	-	-	21.37	0.137	-	-
		25	12	-	-	21.40	0.138	-	-
		25	25	-	-	21.39	0.138	-	-
		50	0	-	-	21.39	0.138	-	-
	16QAM	1	0	-	-	**21.69**	**0.148**	-	-
		1	25	-	-	21.58	0.144	-	-
		1	49	-	-	21.40	0.138	-	-
		25	0	-	-	20.43	0.110	-	-
		25	12	-	-	20.41	0.110	-	-
		25	25	-	-	20.36	0.109	-	-
		50	0	-	-	20.36	0.109	-	-
	64QAM	1	0	-	-	20.62	0.115	-	-
		1	25	-	-	20.46	0.111	-	-
		1	49	-	-	**20.78**	**0.120**	-	-
		25	0	-	-	19.40	0.087	-	-
		25	12	-	-	19.47	0.089	-	-
		25	25	-	-	19.45	0.088	-	-
		50	0	-	-	19.38	0.087	-	-

LTE Band 26_part 90									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
						26765 (821.5 ㎒)			
15	QPSK	1	0	-	-	**22.50**	**0.178**	-	-
		1	36	-	-	22.39	0.173	-	-
		1	74	-	-	22.46	0.176	-	-
		36	0	-	-	21.48	0.141	-	-
		36	18	-	-	21.56	0.143	-	-
		36	37	-	-	21.56	0.143	-	-
		75	0	-	-	21.53	0.142	-	-
	16QAM	1	0	-	-	**21.83**	**0.152**	-	-
		1	36	-	-	21.65	0.146	-	-
		1	74	-	-	21.79	0.151	-	-
		36	0	-	-	20.53	0.113	-	-
		36	18	-	-	20.61	0.115	-	-
		36	37	-	-	20.66	0.116	-	-
		75	0	-	-	20.56	0.114	-	-
	64QAM	1	0	-	-	**20.86**	**0.122**	-	-
		1	36	-	-	20.72	0.118	-	-
		1	74	-	-	20.84	0.121	-	-
		36	0	-	-	19.52	0.090	-	-
		36	18	-	-	19.63	0.092	-	-
		36	37	-	-	19.61	0.091	-	-
		75	0	-	-	19.56	0.090	-	-

LTE Band 41_FCC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39675 (2 498.5 ㎒)		40620 (2 593.0 ㎒)		41565 (2 687.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	25.41	0.348	25.52	0.356	25.27	0.337
		1	12	25.43	0.349	**25.53**	**0.357**	25.12	0.325
		1	24	25.43	0.349	25.40	0.347	25.01	0.317
		12	0	24.90	0.309	24.99	0.316	24.42	0.277
		12	6	24.92	0.310	25.01	0.317	24.40	0.275
		12	13	24.88	0.308	24.90	0.309	24.31	0.270
		25	0	24.88	0.308	24.93	0.311	24.28	0.268
	16QAM	1	0	24.84	0.305	**25.00**	**0.316**	24.35	0.272
		1	12	24.79	0.301	24.96	0.313	24.24	0.265
		1	24	24.83	0.304	24.85	0.305	24.11	0.258
		12	0	23.92	0.247	23.99	0.251	23.41	0.219
		12	6	23.90	0.245	23.96	0.249	23.45	0.221
		12	13	23.87	0.244	23.92	0.247	23.38	0.218
		25	0	23.89	0.245	23.93	0.247	23.40	0.219
	64QAM	1	0	23.94	0.248	23.53	0.225	22.61	0.182
		1	12	23.93	0.247	23.64	0.231	22.47	0.177
		1	24	**23.99**	**0.251**	23.61	0.230	22.34	0.171
		12	0	22.88	0.194	22.85	0.193	21.56	0.143
		12	6	22.94	0.197	22.89	0.195	21.60	0.145
		12	13	22.88	0.194	22.74	0.188	21.51	0.142
		25	0	22.90	0.195	22.73	0.187	21.50	0.141

LTE Band 41_FCC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39700 (2 501.0 ㎒)		40620 (2 593.0 ㎒)		41540 (2 685.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	**25.53**	**0.357**	25.31	0.340	25.45	0.351
		1	25	25.42	0.348	25.47	0.352	25.23	0.333
		1	49	25.38	0.345	25.10	0.324	24.97	0.314
		25	0	24.95	0.313	24.81	0.303	24.44	0.278
		25	12	24.93	0.311	24.88	0.308	24.39	0.275
		25	25	24.87	0.307	24.70	0.295	24.29	0.269
		50	0	24.83	0.304	24.81	0.303	24.39	0.275
	16QAM	1	0	**24.91**	**0.310**	24.65	0.292	24.53	0.284
		1	25	24.83	0.304	24.72	0.296	24.31	0.270
		1	49	24.80	0.302	24.55	0.285	24.03	0.253
		25	0	23.93	0.247	23.85	0.243	23.56	0.227
		25	12	23.94	0.248	23.91	0.246	23.47	0.222
		25	25	23.89	0.245	23.73	0.236	23.32	0.215
		50	0	23.85	0.243	23.83	0.242	23.47	0.222
	64QAM	1	0	**23.95**	**0.248**	23.34	0.216	22.83	0.192
		1	25	23.91	0.246	23.47	0.222	22.55	0.180
		1	49	23.92	0.247	23.62	0.230	22.26	0.168
		25	0	22.93	0.196	22.59	0.182	21.67	0.147
		25	12	22.95	0.197	22.62	0.183	21.57	0.144
		25	25	22.90	0.195	22.68	0.185	21.38	0.137
		50	0	22.86	0.193	22.60	0.182	21.50	0.141

LTE Band 41_FCC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39725 (2 503.5 ㎒)		40620 (2 593.0 ㎒)		41515 (2 682.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	QPSK	1	0	25.42	0.348	25.34	0.342	25.36	0.344
		1	36	25.37	0.344	**25.48**	**0.353**	25.32	0.340
		1	74	25.34	0.342	25.18	0.330	25.07	0.321
		36	0	24.71	0.296	24.83	0.304	24.73	0.297
		36	18	24.85	0.305	24.88	0.308	24.53	0.284
		36	37	24.80	0.302	24.72	0.296	24.36	0.273
		75	0	24.80	0.302	24.84	0.305	24.51	0.282
	16QAM	1	0	**24.83**	**0.304**	24.80	0.302	24.78	0.301
		1	36	24.73	0.297	24.73	0.297	24.40	0.275
		1	74	24.71	0.296	24.74	0.298	24.04	0.254
		36	0	23.73	0.236	23.83	0.242	23.76	0.238
		36	18	23.82	0.241	23.92	0.247	23.53	0.225
		36	37	23.79	0.239	23.73	0.236	23.38	0.218
		75	0	23.79	0.239	23.81	0.240	23.59	0.229
	64QAM	1	0	**23.92**	**0.247**	23.42	0.220	23.12	0.205
		1	36	23.87	0.244	23.32	0.215	22.69	0.186
		1	74	23.77	0.238	23.57	0.228	22.38	0.173
		36	0	22.71	0.187	22.67	0.185	21.93	0.156
		36	18	22.88	0.194	22.67	0.185	21.66	0.147
		36	37	22.80	0.191	22.70	0.186	21.51	0.142
		75	0	22.82	0.191	22.67	0.185	21.71	0.148

LTE Band 41_FCC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39750 (2 506.0 ㎒)		40620 (2 593.0 ㎒)		41490 (2 680.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	QPSK	1	0	25.43	0.349	25.22	0.333	25.28	0.337
		1	50	25.34	0.342	25.52	0.356	**25.54**	**0.358**
		1	99	25.31	0.340	25.07	0.321	24.92	0.310
		50	0	24.70	0.295	24.90	0.309	24.93	0.311
		50	25	24.84	0.305	24.99	0.316	24.63	0.290
		50	13	24.74	0.298	24.78	0.301	24.43	0.277
		100	0	24.76	0.299	24.90	0.309	24.73	0.297
	16QAM	1	0	24.85	0.305	24.85	0.305	24.62	0.290
		1	50	24.73	0.297	**25.04**	**0.319**	24.52	0.283
		1	99	24.71	0.296	24.53	0.284	23.86	0.243
		50	0	23.68	0.233	23.90	0.245	23.95	0.248
		50	25	23.83	0.242	23.95	0.248	23.65	0.232
		50	50	23.76	0.238	23.77	0.238	23.41	0.219
		100	0	23.77	0.238	23.84	0.242	23.68	0.233
	64QAM	1	0	**23.86**	**0.243**	23.70	0.234	23.21	0.209
		1	50	23.75	0.237	23.74	0.237	22.76	0.189
		1	99	23.81	0.240	23.45	0.221	21.98	0.158
		50	0	22.71	0.187	22.75	0.188	21.98	0.158
		50	25	22.85	0.193	22.80	0.191	21.71	0.148
		50	50	22.78	0.190	22.76	0.189	21.45	0.140
		100	0	22.76	0.189	22.73	0.187	21.78	0.151

LTE Band 41_IC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39715 (2 502.5 ㎒)		40640 (2 595.0 ㎒)		41565 (2 687.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	25.14	0.327	25.19	0.330	**25.27**	**0.337**
		1	12	25.16	0.328	25.10	0.324	25.12	0.325
		1	24	25.04	0.319	25.13	0.326	25.01	0.317
		12	0	24.59	0.288	24.59	0.288	24.42	0.277
		12	6	24.62	0.290	24.55	0.285	24.40	0.275
		12	13	24.50	0.282	24.51	0.282	24.31	0.270
		25	0	24.57	0.286	24.55	0.285	24.28	0.268
	16QAM	1	0	24.82	0.303	**24.82**	**0.303**	24.35	0.272
		1	12	24.81	0.303	24.77	0.300	24.24	0.265
		1	24	24.73	0.297	24.72	0.296	24.11	0.258
		12	0	23.64	0.231	23.63	0.231	23.41	0.219
		12	6	23.63	0.231	23.63	0.231	23.45	0.221
		12	13	23.56	0.227	23.59	0.229	23.38	0.218
		25	0	23.59	0.229	23.58	0.228	23.40	0.219
	64QAM	1	0	23.90	0.245	**23.91**	**0.246**	22.61	0.182
		1	12	23.86	0.243	23.84	0.242	22.47	0.177
		1	24	23.75	0.237	23.80	0.240	22.34	0.171
		12	0	22.63	0.183	22.63	0.183	21.56	0.143
		12	6	22.66	0.185	22.64	0.184	21.60	0.145
		12	13	22.54	0.179	22.58	0.181	21.51	0.142
		25	0	22.59	0.182	22.58	0.181	21.50	0.141

LTE Band 41_IC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39740 (2 505.0 ㎒)		40640 (2 595.0 ㎒)		41540 (2 685.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	25.14	0.327	24.95	0.313	**25.45**	**0.351**
		1	25	25.09	0.323	25.08	0.322	25.23	0.333
		1	49	25.07	0.321	24.80	0.302	24.97	0.314
		25	0	24.60	0.288	24.51	0.282	24.44	0.278
		25	12	24.60	0.288	24.59	0.288	24.39	0.275
		25	25	24.55	0.285	24.45	0.279	24.29	0.269
		50	0	24.52	0.283	24.50	0.282	24.39	0.275
	16QAM	1	0	**24.79**	**0.301**	24.53	0.284	24.53	0.284
		1	25	24.74	0.298	24.72	0.296	24.31	0.270
		1	49	24.79	0.301	24.45	0.279	24.03	0.253
		25	0	23.64	0.231	23.54	0.226	23.56	0.227
		25	12	23.65	0.232	23.63	0.231	23.47	0.222
		25	25	23.60	0.229	23.48	0.223	23.32	0.215
		50	0	23.53	0.225	23.53	0.225	23.47	0.222
	64QAM	1	0	23.87	0.244	23.71	0.235	22.83	0.192
		1	25	23.86	0.243	**23.91**	**0.246**	22.55	0.180
		1	49	23.85	0.243	23.53	0.225	22.26	0.168
		25	0	22.63	0.183	22.58	0.181	21.67	0.147
		25	12	22.66	0.185	22.64	0.184	21.57	0.144
		25	25	22.59	0.182	22.50	0.178	21.38	0.137
		50	0	22.53	0.179	22.52	0.179	21.50	0.141

LTE Band 41_IC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39765 (2 507.5 ㎒)		40640 (2 595.0 ㎒)		41515 (2 682.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	QPSK	1	0	25.19	0.330	24.93	0.311	**25.36**	**0.344**
		1	36	25.10	0.324	25.05	0.320	25.32	0.340
		1	74	25.08	0.322	24.84	0.305	25.07	0.321
		36	0	24.42	0.277	24.48	0.281	24.73	0.297
		36	18	24.56	0.286	24.52	0.283	24.53	0.284
		36	37	24.48	0.281	24.49	0.281	24.36	0.273
		75	0	24.50	0.282	24.48	0.281	24.51	0.282
	16QAM	1	0	**24.79**	**0.301**	24.52	0.283	24.78	0.301
		1	36	24.72	0.296	24.70	0.295	24.40	0.275
		1	74	24.69	0.294	24.48	0.281	24.04	0.254
		36	0	23.44	0.221	23.47	0.222	23.76	0.238
		36	18	23.57	0.228	23.55	0.226	23.53	0.225
		36	37	23.52	0.225	23.50	0.224	23.38	0.218
		75	0	23.51	0.224	23.48	0.223	23.59	0.229
	64QAM	1	0	**23.90**	**0.245**	23.68	0.233	23.12	0.205
		1	36	23.75	0.237	23.76	0.238	22.69	0.186
		1	74	23.78	0.239	23.55	0.226	22.38	0.173
		36	0	22.45	0.176	22.49	0.177	21.93	0.156
		36	18	22.58	0.181	22.54	0.179	21.66	0.147
		36	37	22.51	0.178	22.52	0.179	21.51	0.142
		75	0	22.52	0.179	22.49	0.177	21.71	0.148

LTE Band 41_IC									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				39790 (2 510.0 ㎒)		40640 (2 595.0 ㎒)		41490 (2 680.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	QPSK	1	0	25.22	0.333	25.00	0.316	25.28	0.337
		1	50	25.12	0.325	25.23	0.333	**25.54**	**0.358**
		1	99	25.10	0.324	24.89	0.308	24.92	0.310
		50	0	24.47	0.280	24.57	0.286	24.93	0.311
		50	25	24.62	0.290	24.65	0.292	24.63	0.290
		50	13	24.52	0.283	24.55	0.285	24.43	0.277
		100	0	24.55	0.285	24.55	0.285	24.73	0.297
	16QAM	1	0	**24.90**	**0.309**	24.60	0.288	24.62	0.290
		1	50	24.73	0.297	24.83	0.304	24.52	0.283
		1	99	24.67	0.293	24.48	0.281	23.86	0.243
		50	0	23.46	0.222	23.57	0.228	23.95	0.248
		50	25	23.61	0.230	23.67	0.233	23.65	0.232
		50	50	23.52	0.225	23.56	0.227	23.41	0.219
		100	0	23.53	0.225	23.54	0.226	23.68	0.233
	64QAM	1	0	23.88	0.244	23.69	0.234	23.21	0.209
		1	50	23.87	0.244	**23.91**	**0.246**	22.76	0.189
		1	99	23.87	0.244	23.56	0.227	21.98	0.158
		50	0	22.46	0.176	22.56	0.180	21.98	0.158
		50	25	22.60	0.182	22.64	0.184	21.71	0.148
		50	50	22.53	0.179	22.54	0.179	21.45	0.140
		100	0	22.55	0.180	22.55	0.180	21.78	0.151

LTE Band 66/4									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				131979 (1 710.7 ㎒)		132322 (1 745.0 ㎒)		132665 (1 779.3 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
1.4	QPSK	1	0	22.56	0.180	22.52	0.179	22.77	0.189
		1	3	22.49	0.177	22.53	0.179	**22.83**	**0.192**
		1	5	22.59	0.182	22.53	0.179	22.75	0.188
		3	0	22.57	0.181	22.53	0.179	22.79	0.190
		3	2	22.57	0.181	22.55	0.180	22.82	0.191
		3	3	22.52	0.179	22.55	0.180	22.76	0.189
		6	0	21.65	0.146	21.61	0.145	21.85	0.153
	16QAM	1	0	21.87	0.154	21.77	0.150	22.12	0.163
		1	3	21.87	0.154	21.82	0.152	**22.17**	**0.165**
		1	5	21.81	0.152	21.87	0.154	22.01	0.159
		3	0	21.73	0.149	21.68	0.147	21.97	0.157
		3	2	21.80	0.151	21.75	0.150	21.91	0.155
		3	3	21.83	0.152	21.70	0.148	21.95	0.157
		6	0	20.67	0.117	20.68	0.117	20.87	0.122
	64QAM	1	0	20.82	0.121	20.78	0.120	21.07	0.128
		1	3	20.79	0.120	20.77	0.119	**21.08**	**0.128**
		1	5	20.79	0.120	20.78	0.120	21.02	0.126
		3	0	20.73	0.118	20.75	0.119	20.96	0.125
		3	2	20.79	0.120	20.70	0.117	21.00	0.126
		3	3	20.66	0.116	20.74	0.119	20.98	0.125
		6	0	19.71	0.094	19.66	0.092	19.89	0.097

LTE Band 66/4									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				131987 (1 711.5 ㎒)		132322 (1 745.0 ㎒)		132657 (1 778.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
3	QPSK	1	0	22.61	0.182	22.46	0.176	**22.93**	**0.196**
		1	7	22.63	0.183	22.40	0.174	22.89	0.195
		1	14	22.51	0.178	22.37	0.173	22.72	0.187
		8	0	21.67	0.147	21.54	0.143	21.96	0.157
		8	4	21.66	0.147	21.50	0.141	21.92	0.156
		8	7	21.68	0.147	21.48	0.141	21.90	0.155
		15	0	21.63	0.146	21.45	0.140	21.89	0.155
	16QAM	1	0	21.94	0.156	21.70	0.148	**22.27**	**0.169**
		1	7	21.81	0.152	21.69	0.148	22.19	0.166
		1	14	21.91	0.155	21.68	0.147	22.06	0.161
		8	0	20.78	0.120	20.59	0.115	21.01	0.126
		8	4	20.73	0.118	20.61	0.115	21.03	0.127
		8	7	20.75	0.119	20.53	0.113	20.94	0.124
		15	0	20.75	0.119	20.54	0.113	20.92	0.124
	64QAM	1	0	20.94	0.124	20.64	0.116	**21.11**	**0.129**
		1	7	20.83	0.121	20.64	0.116	21.07	0.128
		1	14	20.87	0.122	20.59	0.115	21.08	0.128
		8	0	19.78	0.095	19.58	0.091	20.00	0.100
		8	4	19.77	0.095	19.59	0.091	19.98	0.100
		8	7	19.74	0.094	19.50	0.089	19.96	0.099
		15	0	19.75	0.094	19.52	0.090	20.01	0.100

LTE Band 66/4									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				131997 (1 712.5 ㎒)		132322 (1 745.0 ㎒)		132647 (1 777.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	22.62	0.183	22.45	0.176	22.88	0.194
		1	12	22.61	0.182	22.52	0.179	**22.92**	**0.196**
		1	24	22.55	0.180	22.41	0.174	22.82	0.191
		12	0	21.77	0.150	21.52	0.142	21.98	0.158
		12	6	21.68	0.147	21.53	0.142	21.94	0.156
		12	13	21.66	0.147	21.45	0.140	21.83	0.152
		25	0	21.65	0.146	21.48	0.141	21.93	0.156
	16QAM	1	0	21.92	0.156	21.73	0.149	22.09	0.162
		1	12	21.91	0.155	21.70	0.148	**22.12**	**0.163**
		1	24	21.72	0.149	21.69	0.148	22.06	0.161
		12	0	20.76	0.119	20.58	0.114	21.01	0.126
		12	6	20.81	0.121	20.62	0.115	20.96	0.125
		12	13	20.67	0.117	20.51	0.112	20.94	0.124
		25	0	20.64	0.116	20.53	0.113	20.93	0.124
	64QAM	1	0	20.73	0.118	20.71	0.118	**21.15**	**0.130**
		1	12	20.81	0.121	20.71	0.118	21.12	0.129
		1	24	20.72	0.118	20.67	0.117	20.97	0.125
		12	0	19.73	0.094	19.57	0.091	20.01	0.100
		12	6	19.77	0.095	19.55	0.090	20.03	0.101
		12	13	19.69	0.093	19.53	0.090	19.94	0.099
		25	0	19.71	0.094	19.56	0.090	20.01	0.100

LTE Band 66/4									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				132022 (1 715.0 ㎒)		132322 (1 745.0 ㎒)		132622 (1 775.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	22.44	0.175	22.21	0.166	22.53	0.179
		1	25	22.55	0.180	22.35	0.172	**22.82**	**0.191**
		1	49	22.41	0.174	22.27	0.169	22.71	0.187
		25	0	21.62	0.145	21.44	0.139	21.85	0.153
		25	12	21.73	0.149	21.54	0.143	21.83	0.152
		25	25	21.61	0.145	21.48	0.141	21.91	0.155
		50	0	21.61	0.145	21.46	0.140	21.76	0.150
	16QAM	1	0	21.63	0.146	21.44	0.139	21.72	0.149
		1	25	21.81	0.152	21.60	0.145	**22.15**	**0.164**
		1	49	21.76	0.150	21.58	0.144	21.89	0.155
		25	0	20.69	0.117	20.43	0.110	20.82	0.121
		25	12	20.74	0.119	20.62	0.115	20.87	0.122
		25	25	20.61	0.115	20.51	0.112	20.81	0.121
		50	0	20.63	0.116	20.45	0.111	20.81	0.121
	64QAM	1	0	20.65	0.116	20.44	0.111	20.75	0.119
		1	25	20.79	0.120	20.66	0.116	**21.07**	**0.128**
		1	49	20.61	0.115	20.63	0.116	20.90	0.123
		25	0	19.57	0.091	19.42	0.087	19.83	0.096
		25	12	19.77	0.095	19.52	0.090	19.87	0.097
		25	25	19.67	0.093	19.49	0.089	19.88	0.097
		50	0	19.63	0.092	19.45	0.088	19.81	0.096

LTE Band 66/4									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				132047 (1 717.5 ㎒)		132322 (1 745.0 ㎒)		132597 (1 772.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	QPSK	1	0	22.46	0.176	22.23	0.167	22.68	0.185
		1	36	22.54	0.179	22.32	0.171	22.76	0.189
		1	74	22.40	0.174	22.31	0.170	**22.77**	**0.189**
		36	0	21.63	0.146	21.46	0.140	21.83	0.152
		36	18	21.60	0.145	21.47	0.140	21.85	0.153
		36	37	21.49	0.141	21.46	0.140	21.88	0.154
		75	0	21.51	0.142	21.48	0.141	21.81	0.152
	16QAM	1	0	21.68	0.147	21.49	0.141	21.93	0.156
		1	36	21.85	0.153	21.55	0.143	**22.03**	**0.160**
		1	74	21.60	0.145	21.61	0.145	22.02	0.159
		36	0	20.67	0.117	21.47	0.140	20.84	0.121
		36	18	20.77	0.119	20.51	0.112	20.87	0.122
		36	37	20.50	0.112	20.51	0.112	20.78	0.120
		75	0	20.52	0.113	20.41	0.110	20.80	0.120
	64QAM	1	0	20.71	0.118	20.52	0.113	20.98	0.125
		1	36	20.74	0.119	20.63	0.116	21.03	0.127
		1	74	20.68	0.117	20.54	0.113	**21.06**	**0.128**
		36	0	19.68	0.093	19.51	0.089	19.81	0.096
		36	18	19.69	0.093	19.52	0.090	19.78	0.095
		36	37	19.51	0.089	19.52	0.090	19.84	0.096
		75	0	19.54	0.090	19.48	0.089	19.82	0.096

LTE Band 66/4									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				132072 (1 720.0 ㎒)		132322 (1 745.0 ㎒)		132572 (1 777.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	QPSK	1	0	22.23	0.167	22.02	0.159	22.62	0.183
		1	50	22.42	0.175	22.11	0.163	22.65	0.184
		1	99	22.31	0.170	22.29	0.169	**22.75**	**0.188**
		50	0	21.61	0.145	21.41	0.138	21.64	0.146
		50	25	21.55	0.143	21.49	0.141	21.79	0.151
		50	13	21.44	0.139	21.49	0.141	21.73	0.149
		100	0	21.53	0.142	21.43	0.139	21.77	0.150
	16QAM	1	0	21.51	0.142	21.32	0.136	21.91	0.155
		1	50	21.77	0.150	21.52	0.142	21.99	0.158
		1	99	21.54	0.143	21.58	0.144	**22.03**	**0.160**
		50	0	20.53	0.113	20.48	0.112	20.67	0.117
		50	25	20.57	0.114	20.50	0.112	20.81	0.121
		50	50	20.51	0.112	20.51	0.112	20.77	0.119
		100	0	20.44	0.111	20.43	0.110	20.75	0.119
	64QAM	1	0	20.53	0.113	20.39	0.109	20.76	0.119
		1	50	20.74	0.119	20.46	0.111	21.02	0.126
		1	99	20.59	0.115	20.57	0.114	**21.04**	**0.127**
		50	0	19.66	0.092	19.45	0.088	19.72	0.094
		50	25	19.55	0.090	19.49	0.089	19.85	0.097
		50	50	19.53	0.090	19.44	0.088	19.81	0.096
		100	0	19.53	0.090	19.41	0.087	19.75	0.094

LTE Band 71									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				133147 (665.5 ㎒)		133297 (680.5 ㎒)		133447 (695.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	QPSK	1	0	**22.53**	**0.179**	22.11	0.163	22.22	0.167
		1	12	22.38	0.173	22.20	0.166	22.41	0.174
		1	24	22.33	0.171	22.21	0.166	22.32	0.171
		12	0	21.49	0.141	21.23	0.133	21.42	0.139
		12	6	21.51	0.142	21.32	0.136	21.46	0.140
		12	13	21.45	0.140	21.34	0.136	21.48	0.141
		25	0	21.47	0.140	21.31	0.135	21.45	0.140
	16QAM	1	0	**21.86**	**0.153**	21.50	0.141	21.62	0.145
		1	12	21.65	0.146	21.62	0.145	21.77	0.150
		1	24	21.68	0.147	21.57	0.144	21.63	0.146
		12	0	20.48	0.112	20.28	0.107	20.46	0.111
		12	6	20.54	0.113	20.41	0.110	20.49	0.112
		12	13	20.49	0.112	20.36	0.109	20.52	0.113
		25	0	20.51	0.112	20.32	0.108	20.46	0.111
	64QAM	1	0	**20.79**	**0.120**	20.38	0.109	20.48	0.112
		1	12	20.67	0.117	20.47	0.111	20.61	0.115
		1	24	20.48	0.112	20.56	0.114	20.59	0.115
		12	0	19.52	0.090	19.25	0.084	19.41	0.087
		12	6	19.56	0.090	19.33	0.086	19.52	0.090
		12	13	19.51	0.089	19.38	0.087	19.55	0.090
		25	0	19.51	0.089	19.32	0.086	19.42	0.087

LTE Band 71									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				133172 (668.0 ㎒)		133297 (680.5 ㎒)		133422 (693.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	QPSK	1	0	**22.54**	**0.179**	22.27	0.169	22.35	0.172
		1	25	22.35	0.172	22.17	0.165	22.35	0.172
		1	49	22.26	0.168	22.17	0.165	22.27	0.169
		25	0	21.48	0.141	21.28	0.134	21.44	0.139
		25	12	21.46	0.140	21.32	0.136	21.37	0.137
		25	25	21.34	0.136	21.23	0.133	21.42	0.139
		50	0	21.35	0.136	21.22	0.132	21.32	0.136
	16QAM	1	0	**21.84**	**0.153**	21.57	0.144	21.71	0.148
		1	25	21.72	0.149	21.61	0.145	21.72	0.149
		1	49	21.59	0.144	21.57	0.144	21.65	0.146
		25	0	20.55	0.114	20.29	0.107	20.43	0.110
		25	12	20.49	0.112	20.33	0.108	20.47	0.111
		25	25	20.38	0.109	20.30	0.107	20.43	0.110
		50	0	20.36	0.109	20.26	0.106	20.36	0.109
	64QAM	1	0	**20.82**	**0.121**	20.54	0.113	20.59	0.115
		1	25	20.57	0.114	20.48	0.112	20.57	0.114
		1	49	20.61	0.115	20.51	0.112	20.67	0.117
		25	0	19.55	0.090	19.30	0.085	19.50	0.089
		25	12	19.51	0.089	19.38	0.087	19.49	0.089
		25	25	19.38	0.087	19.27	0.085	19.44	0.088
		50	0	19.41	0.087	19.30	0.085	19.41	0.087

LTE Band 71									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				133197 (670.5 ㎒)		133297 (680.5 ㎒)		133397 (690.5 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	QPSK	1	0	**22.46**	**0.176**	22.32	0.171	22.28	0.169
		1	36	22.24	0.167	22.17	0.165	22.29	0.169
		1	74	22.09	0.162	22.20	0.166	22.22	0.167
		36	0	21.36	0.137	21.25	0.133	21.30	0.135
		36	18	21.44	0.139	21.34	0.136	21.37	0.137
		36	37	21.32	0.136	21.32	0.136	21.52	0.142
		75	0	21.42	0.139	21.31	0.135	21.28	0.134
	16QAM	1	0	**21.79**	**0.151**	21.71	0.148	21.63	0.146
		1	36	21.64	0.146	21.64	0.146	21.69	0.148
		1	74	21.57	0.144	21.57	0.144	21.65	0.146
		36	0	20.38	0.109	20.28	0.107	20.30	0.107
		36	18	20.49	0.112	20.35	0.108	20.38	0.109
		36	37	20.40	0.110	20.35	0.108	20.49	0.112
		75	0	20.41	0.110	20.34	0.108	20.35	0.108
	64QAM	1	0	**20.72**	**0.118**	20.66	0.116	20.59	0.115
		1	36	20.57	0.114	20.61	0.115	20.58	0.114
		1	74	20.49	0.112	20.58	0.114	20.57	0.114
		36	0	19.40	0.087	19.27	0.085	19.35	0.086
		36	18	19.46	0.088	19.39	0.087	19.41	0.087
		36	37	19.40	0.087	19.36	0.086	19.52	0.090
		75	0	19.39	0.087	19.36	0.086	19.44	0.088

LTE Band 71									
Bandwidth (㎒)	Modulation	RB Size	RB Offset	Conducted Output Power					
				133222 (673.0 ㎒)		133297 (680.5 ㎒)		133372 (688.0 ㎒)	
				(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	QPSK	1	0	22.31	0.170	**22.40**	**0.174**	22.21	0.166
		1	50	22.19	0.166	22.11	0.163	22.25	0.168
		1	99	22.08	0.161	22.27	0.169	22.17	0.165
		50	0	21.31	0.135	21.26	0.134	21.24	0.133
		50	25	21.41	0.138	21.37	0.137	21.43	0.139
		50	13	21.33	0.136	21.29	0.135	21.34	0.136
		100	0	21.37	0.137	21.30	0.135	21.26	0.134
	16QAM	1	0	**21.84**	**0.153**	21.75	0.150	21.66	0.147
		1	50	21.57	0.144	21.54	0.143	21.61	0.145
		1	99	21.56	0.143	21.60	0.145	21.58	0.144
		50	0	20.37	0.109	20.29	0.107	20.27	0.106
		50	25	20.45	0.111	20.37	0.109	20.42	0.110
		50	50	20.36	0.109	20.31	0.107	20.44	0.111
		100	0	20.39	0.109	20.30	0.107	20.32	0.108
	64QAM	1	0	**20.74**	**0.119**	20.61	0.115	20.59	0.115
		1	50	20.54	0.113	20.48	0.112	20.55	0.114
		1	99	20.51	0.112	20.58	0.114	20.56	0.114
		50	0	19.38	0.087	19.33	0.086	19.27	0.085
		50	25	19.49	0.089	19.37	0.086	19.45	0.088
		50	50	19.36	0.086	19.33	0.086	19.48	0.089
		100	0	19.38	0.087	19.33	0.086	19.29	0.085