

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 22
47 CFR FCC Part 24
47 CFR FCC Part 27
47 CFR FCC Part 90
47 CFR FCC Part 2

Report No.: RFBBQZ-WTW-P26040594-7

FCC ID: PY326200664

Product: Nighthawk 5G M8 Pro

Brand: NETGEAR

Model No.: MR8400

Received Date: 2026/5/6

Test Date: 2026/5/30 ~ 2026/8/18

Issued Date: 2026/8/20

Applicant and Manufacturer: NETGEAR, INC.

Address: 3553 N. First St., San Jose, California 95134, United States

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City 244, Taiwan

Test Location(1): No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 333, Taiwan

Test Location(2): No. 70, Wenming Rd., Guishan Dist., Taoyuan City 333, Taiwan

FCC Registration / 788550 / TW0003 for Test Location(1)

Designation Number: 281270 / TW0032 for Test Location(2)

Approved by:



Date:

2026/8/20

Jeremy Lin / Project Engineer

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Prepared by : Polly Chien / Specialist



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Table of Contents

Release Control Record	5
1 Certificate	6
2 Summary of Test Results	7
2.1 Measurement Uncertainty	8
2.2 Supplementary Information	8
3 General Information	9
3.1 General Description of EUT	9
3.2 Antenna Description of EUT	22
3.3 Test Mode Applicability and Tested Channel Detail	23
3.3.1 LTE Band 2	23
3.3.2 LTE Band 4	24
3.3.3 LTE Band 5	25
3.3.4 LTE Band 7	26
3.3.5 LTE Band 12	27
3.3.6 LTE Band 13	27
3.3.7 LTE Band 14	28
3.3.8 LTE Band 17	28
3.3.9 LTE Band 25	29
3.3.10 LTE Band 26 (814 MHz ~ 824 MHz)	30
3.3.11 LTE Band 26 (824 MHz ~ 849 MHz)	31
3.3.12 LTE Band 30	31
3.3.13 LTE Band 38	32
3.3.14 LTE Band 40 (2.305 GHz ~ 2.315 GHz)	34
3.3.15 LTE Band 40 (2.35 GHz ~ 2.36 GHz)	35
3.3.16 LTE Band 41	36
3.3.17 LTE Band 42 (3.45 GHz ~ 3.55 GHz)	36
3.3.18 LTE Band 66	37
3.3.19 LTE Band 71	38
3.4 Test Program Used and Operation Descriptions	39
3.5 Connection Diagram of EUT and Peripheral Devices	39
3.6 Configuration of Peripheral Devices and Cable Connections	39
4 Test Instruments	40
4.1 Effective Radiated Power and Equivalent Isotropically Radiated Power	40
4.2 Modulation Characteristics	41
4.3 Peak to Average Ratio	42
4.4 Bandwidth	42
4.5 Conducted Spurious Emissions	42
4.6 Radiated Spurious Emissions below 1GHz	43
4.7 Radiated Spurious Emissions above 1GHz	44
4.8 Frequency Stability	45
5 Limits of Test Items	46
5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power	46
5.2 Modulation Characteristics	46
5.3 Peak to Average Ratio	46
5.4 Bandwidth	46
5.5 Conducted Spurious Emissions	47
5.6 Radiated Spurious Emissions below 1GHz	48
5.7 Radiated Spurious Emissions above 1GHz	49
5.8 Frequency Stability	49
6 Test Arrangements	50
6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power	50
6.1.1 Test Setup	50
6.1.2 Test Procedure	52
6.2 Modulation Characteristics	54

6.2.1	Test Setup.....	54
6.2.2	Test Procedure	54
6.3	Peak to Average Ratio	54
6.3.1	Test Setup.....	54
6.3.2	Test Procedure	54
6.4	Bandwidth	55
6.4.1	Test Setup.....	55
6.4.2	Test Procedure	55
6.5	Conducted Spurious Emissions.....	57
6.5.1	Test Setup.....	57
6.5.2	Test Procedure	57
6.6	Radiated Spurious Emissions below 1GHz	58
6.6.1	Test Setup.....	58
6.6.2	Test Procedure	59
6.7	Radiated Spurious Emissions above 1GHz.....	60
6.7.1	Test Setup.....	60
6.7.2	Test Procedure	60
6.8	Frequency Stability	61
6.8.1	Test Setup.....	61
6.8.2	Test Procedure	61
7	Test Results of Test Item	62
7.1	Effective Radiated Power and Equivalent Isotropically Radiated Power.....	62
7.1.1	LTE Band 2.....	62
7.1.2	LTE Band 4.....	74
7.1.3	LTE Band 5.....	86
7.1.4	LTE Band 7.....	94
7.1.5	LTE Band 12.....	102
7.1.6	LTE Band 13.....	110
7.1.7	LTE Band 14.....	114
7.1.8	LTE Band 17.....	118
7.1.9	LTE Band 25.....	122
7.1.10	LTE Band 26 (814 MHz ~ 824 MHz)	134
7.1.11	LTE Band 26 (824 MHz ~ 849 MHz)	142
7.1.12	LTE Band 30.....	152
7.1.13	LTE Band 38.....	154
7.1.14	LTE Band 40 (2.305 GHz ~ 2.315 GHz).....	162
7.1.15	LTE Band 40 (2.35 GHz ~ 2.36 GHz).....	168
7.1.16	LTE Band 41.....	174
7.1.17	LTE Band 42 (3.45 GHz ~ 3.55 GHz).....	190
7.1.18	LTE Band 66.....	198
7.1.19	LTE Band 71.....	210
7.1.20	Inter-Band CA Mode.....	218
7.2	Modulation Characteristics	219
7.2.1	LTE Band 38.....	219
7.2.2	LTE Band 40 (2.305 GHz ~ 2.315 GHz).....	220
7.2.3	LTE Band 40 (2.35 GHz ~ 2.36 GHz).....	221
7.3	Peak to Average Ratio	222
7.3.1	LTE Band 38.....	222
7.3.2	LTE Band 40 (2.305 GHz ~ 2.315 GHz).....	226
7.3.3	LTE Band 40 (2.35 GHz ~ 2.36 GHz).....	228
7.4	Bandwidth	230
7.4.1	LTE Band 38.....	230
7.4.2	LTE Band 40 (2.305 GHz ~ 2.315 GHz).....	234
7.4.3	LTE Band 40 (2.35 GHz ~ 2.36 GHz).....	236
7.4.4	Inter-Band CA Mode.....	238
7.5	Conducted Spurious Emissions.....	239
7.5.1	LTE Band 38.....	240
7.5.2	LTE Band 40 (2.305 GHz ~ 2.315 GHz).....	248
7.5.3	LTE Band 40 (2.35 GHz ~ 2.36 GHz).....	251
7.6	Radiated Spurious Emissions below 1GHz	254

7.6.1	LTE Band 2.....	254
7.6.2	LTE Band 4.....	256
7.6.3	LTE Band 5.....	258
7.6.4	LTE Band 7.....	260
7.6.5	LTE Band 12.....	262
7.6.6	LTE Band 13.....	264
7.6.7	LTE Band 14.....	266
7.6.8	LTE Band 17.....	268
7.6.9	LTE Band 25.....	270
7.6.10	LTE Band 26 (814 MHz ~ 824 MHz)	272
7.6.11	LTE Band 26 (824 MHz ~ 849 MHz)	274
7.6.12	LTE Band 30.....	276
7.6.13	LTE Band 38.....	278
7.6.14	LTE Band 40 (2.305 GHz ~ 2.315 GHz).....	280
7.6.15	LTE Band 40 (2.35 GHz ~ 2.36 GHz).....	282
7.6.16	LTE Band 41.....	284
7.6.17	LTE Band 42 (3.45 GHz ~ 3.55 GHz).....	286
7.6.18	LTE Band 66.....	288
7.6.19	LTE Band 71.....	290
7.7	Radiated Spurious Emissions above 1GHz.....	292
7.7.1	LTE Band 2.....	292
7.7.2	LTE Band 4.....	301
7.7.3	LTE Band 5.....	310
7.7.4	LTE Band 7.....	319
7.7.5	LTE Band 12.....	325
7.7.6	LTE Band 13.....	334
7.7.7	LTE Band 14.....	338
7.7.8	LTE Band 17.....	342
7.7.9	LTE Band 25.....	348
7.7.10	LTE Band 26 (814 MHz ~ 824 MHz)	357
7.7.11	LTE Band 26 (824 MHz ~ 849 MHz)	364
7.7.12	LTE Band 30.....	372
7.7.13	LTE Band 38.....	376
7.7.15	LTE Band 40 (2.305 GHz ~ 2.315 GHz).....	382
7.7.16	LTE Band 40 (2.35 GHz ~ 2.36 GHz).....	386
7.7.17	LTE Band 41.....	390
7.7.18	LTE Band 42 (3.45 GHz ~ 3.55 GHz).....	396
7.7.19	LTE Band 66.....	402
7.7.20	LTE Band 71.....	411
7.8	Frequency Stability	417
7.8.1	LTE Band 38.....	417
7.8.2	LTE Band 40 (2.305 GHz ~ 2.315 GHz).....	418
7.8.3	LTE Band 40 (2.35 GHz ~ 2.36 GHz).....	419
8	Pictures of Test Arrangements	420
9	Information of the Testing Laboratories	421



Release Control Record

Issue No.	Description	Date Issued
RFBBQZ-WTW-P26040594-7	Original release.	2026/8/20

1 Certificate

Product: Nighthawk 5G M8 Pro

Brand: NETGEAR

Test Model: MR8400

Sample Status: Engineering sample

Applicant and Manufacturer: NETGEAR, INC.

Test Date: 2026/5/30 ~ 2026/8/18

Standard: 47 CFR FCC Part 22
47 CFR FCC Part 24
47 CFR FCC Part 27
47 CFR FCC Part 90
47 CFR FCC Part 2

Measurement procedure: ANSI/TIA/EIA-603-E 2016
ANSI C63.26-2015
KDB 971168 D01 Power Meas License Digital Systems v03r01
KDB 971168 D02 Misc Rev Approv License Devices v02r02

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Summary of Test Results

Standard / Clause	Test Item	Result	Remark
Part 2.1046 Part 22.913 (a) Part 24.232 (c) Part 27.50(d) Part 27.50(h) Part 27.50(c) Part 27.50(b) Part 27.50(a) Part 27.50(k) Part 90.635(b) Part 90.542(a)(7)	Effective Radiated Power and Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit.
Part 2.1047	Modulation Characteristics	Pass	Meet the requirement of limit.
Part 22.913 (d) Part 24.232 (d) Part 27.50(d) Part 27.50(k)(4)	Peak to Average Ratio	Pass	Meet the requirement of limit.
Part 2.1049	Bandwidth	Pass	Meet the requirement of limit.
Part 2.1051 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.53(g) Part 27.53(c)(f) Part 27.53(a) Part 27.53(n) Part 90.691 Part 90.543(e)(f)	Conducted Spurious Emissions	Pass	Meet the requirement of limit.
Part 2.1053 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.53(g) Part 27.53(c)(f) Part 27.53(a) Part 27.53(n) Part 90.691 Part 90.543(e)(f)	Radiated Spurious Emissions below 1GHz	Pass	Minimum passing margin is -10.87 dB at 772.05 MHz
Part 2.1053 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.53(g) Part 27.53(c)(f) Part 27.53(a) Part 27.53(n) Part 90.691 Part 90.543(e)(f)	Radiated Spurious Emissions above 1GHz	Pass	Minimum passing margin is -3.95 dB at 4620.00 MHz

Standard / Clause	Test Item	Result	Remark
Part 2.1055 Part 22.355 Part 24.235 Part 27.54 Part 90.213 Part 90.539(e)	Frequency Stability	Pass	Meet the requirement of limit.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Parameter	Specification	Uncertainty (±)
Effective Radiated Power and Equivalent Isotropically Radiated Power	18 GHz ~ 40 GHz	1.77 dB
	1 GHz ~ 18 GHz	1.76 dB
Peak to Average Ratio	-	0.920 dB
Bandwidth	-	960 Hz
Conducted Spurious Emissions	-	2.12 dB
Radiated Spurious Emissions below 1GHz	9 kHz ~ 30 MHz	3 dB
	30 MHz ~ 1 GHz	2.93 dB
Radiated Spurious Emissions above 1GHz	1 GHz ~ 18 GHz	1.76 dB
	18 GHz ~ 40 GHz	1.77 dB
Frequency Stability	-	0.176 ppm

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	Nighthawk 5G M8 Pro
Brand	NETGEAR
Test Model	MR8400
Status of EUT	Engineering sample
Power Supply Rating	3.85 Vdc from Battery 5 Vdc / 9 Vdc from Adapter
Modulation Type	QPSK, 16QAM, 64QAM, 256QAM
LTE support SISO bands	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B29(DL), B30, B38, B40, B41, B42, B66, B71
LTE support MIMO bands	-
PC3 for Power Class	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B40, B41, B42, B66, B71
PC2 for Power Class	B41

Note:

- Based on engineering judgment and verification of the worst-case configuration, the WWAN bands for this device may reference the conducted test results of the certified modular device. Please refer to the table below for further details.

LTE Band	Remark	Reference Module FCC ID
B2	Conducted test result refers to module data	FCC ID: GKRRXLN4N
B4	Conducted test result refers to module data	
B5	Conducted test result refers to module data	
B7	Conducted test result refers to module data	
B12	Conducted test result refers to module data	
B13	Conducted test result refers to module data	
B14	Conducted test result refers to module data	
B17	Conducted test result refers to module data	
B25	Conducted test result refers to module data	
B26	Conducted test result refers to module data	
B30	Conducted test result refers to module data	
B38	Full Test (Remove PC2 in B38)	
B40	Full Test (Enable B40)	
B41	Conducted test result refers to module data	
B42	Conducted test result refers to module data	
B43	Conducted test result refers to module data	
B48	Conducted test result refers to module data	
B66	Conducted test result refers to module data	
B71	Conducted test result refers to module data	

Device has removed Intra-band CA modes form reference Module: 2C, 5B, 7C, 12B, 41C, 42C, 43C, 48B, 48C, 66B, 66C.

2. EUT Overview

LTE Band 2

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
1.4 MHz	1850.7 ~ 1909.3	QPSK	0.318	25.03	1M09G7D
		16QAM	0.256	24.08	1M09D7W
		64QAM	0.200	23.01	1M09D7W
		256QAM	0.107	20.29	1M09D7W
3 MHz	1851.5 ~ 1908.5	QPSK	0.315	24.98	2M70G7D
		16QAM	0.251	24	2M70D7W
		64QAM	0.198	22.96	2M70D7W
		256QAM	0.107	20.31	2M70D7W
5 MHz	1852.5 ~ 1907.5	QPSK	0.316	25	4M50G7D
		16QAM	0.248	23.95	4M50D7W
		64QAM	0.200	23.01	4M50D7W
		256QAM	0.107	20.29	4M50D7W
10 MHz	1855 ~ 1905	QPSK	0.322	25.08	8M98G7D
		16QAM	0.246	23.91	8M99D7W
		64QAM	0.204	23.1	8M98D7W
		256QAM	0.108	20.35	8M98D7W
15 MHz	1857.5 ~ 1902.5	QPSK	0.316	24.99	13M5G7D
		16QAM	0.255	24.07	13M5D7W
		64QAM	0.205	23.12	13M5D7W
		256QAM	0.108	20.32	13M5D7W
20 MHz	1860 ~ 1900	QPSK	0.324	25.11	18M0G7D
		16QAM	0.255	24.06	18M0D7W
		64QAM	0.203	23.07	18M0D7W
		256QAM	0.110	20.41	18M0D7W

LTE Band 4

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
1.4 MHz	1710.7 ~ 1754.3	QPSK	0.318	25.02	1M09G7D
		16QAM	0.252	24.02	1M09D7W
		64QAM	0.205	23.11	1M09D7W
		256QAM	0.102	20.07	1M09D7W
3 MHz	1711.5 ~ 1753.5	QPSK	0.325	25.12	2M71G7D
		16QAM	0.256	24.09	2M70D7W
		64QAM	0.205	23.11	2M70D7W
		256QAM	0.101	20.05	2M70D7W
5 MHz	1712.5 ~ 1752.5	QPSK	0.325	25.12	4M50G7D
		16QAM	0.256	24.09	4M50D7W
		64QAM	0.209	23.2	4M50D7W
		256QAM	0.102	20.08	4M50D7W
10 MHz	1715 ~ 1750	QPSK	0.323	25.09	8M98G7D
		16QAM	0.258	24.12	8M98D7W
		64QAM	0.212	23.27	8M98D7W
		256QAM	0.102	20.07	8M98D7W
15 MHz	1717.5 ~ 1747.5	QPSK	0.322	25.08	13M5G7D
		16QAM	0.254	24.04	13M5D7W
		64QAM	0.206	23.13	13M5D7W
		256QAM	0.102	20.08	13M5D7W
20 MHz	1720 ~ 1745	QPSK	0.326	25.13	18M0G7D
		16QAM	0.263	24.2	18M0D7W
		64QAM	0.207	23.15	18M0D7W
		256QAM	0.104	20.15	18M0D7W

LTE Band 5

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
1.4 MHz	824.7 ~ 848.3	QPSK	0.197	22.95	1M09G7D
		16QAM	0.158	22	1M09D7W
		64QAM	0.127	21.04	1M09D7W
		256QAM	0.064	18.06	1M09D7W
3 MHz	825.5 ~ 847.5	QPSK	0.197	22.95	2M70G7D
		16QAM	0.160	22.05	2M70D7W
		64QAM	0.128	21.07	2M70D7W
		256QAM	0.064	18.06	2M71D7W
5 MHz	826.5 ~ 846.5	QPSK	0.197	22.95	4M50G7D
		16QAM	0.160	22.05	4M50D7W
		64QAM	0.127	21.05	4M50D7W
		256QAM	0.064	18.06	4M50D7W
10 MHz	829 ~ 844	QPSK	0.198	22.96	9M00G7D
		16QAM	0.162	22.1	9M00D7W
		64QAM	0.127	21.05	9M00D7W
		256QAM	0.064	18.06	9M00D7W

LTE Band 7

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	2502.5 ~ 2567.5	QPSK	0.342	25.34	4M50G7D
		16QAM	0.278	24.44	4M50D7W
		64QAM	0.215	23.33	4M50D7W
		256QAM	0.111	20.46	4M50D7W
10 MHz	2505 ~ 2565	QPSK	0.340	25.32	8M98G7D
		16QAM	0.282	24.51	8M99D7W
		64QAM	0.220	23.43	8M98D7W
		256QAM	0.110	20.43	8M99D7W
15 MHz	2507.5 ~ 2562.5	QPSK	0.337	25.28	13M5G7D
		16QAM	0.283	24.52	13M5D7W
		64QAM	0.225	23.52	13M5D7W
		256QAM	0.111	20.46	13M5D7W
20 MHz	2510 ~ 2560	QPSK	0.348	25.42	18M0G7D
		16QAM	0.289	24.61	18M0D7W
		64QAM	0.228	23.57	18M0D7W
		256QAM	0.112	20.51	18M0D7W

LTE Band 12

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
1.4 MHz	699.7 ~ 715.3	QPSK	0.137	21.38	1M09G7D
		16QAM	0.111	20.47	1M09D7W
		64QAM	0.089	19.5	1M09D7W
		256QAM	0.046	16.64	1M09D7W
3 MHz	700.5 ~ 714.5	QPSK	0.138	21.39	2M70G7D
		16QAM	0.111	20.47	2M70D7W
		64QAM	0.089	19.47	2M70D7W
		256QAM	0.046	16.64	2M70D7W
5 MHz	701.5 ~ 713.5	QPSK	0.137	21.38	4M49G7D
		16QAM	0.111	20.47	4M50D7W
		64QAM	0.089	19.5	4M49D7W
		256QAM	0.046	16.64	4M49D7W
10 MHz	704 ~ 711	QPSK	0.138	21.4	9M01G7D
		16QAM	0.114	20.56	9M00D7W
		64QAM	0.090	19.53	9M01D7W
		256QAM	0.046	16.62	9M00D7W

LTE Band 13

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
5 MHz	779.5 ~ 784.5	QPSK	0.144	21.58	4M50G7D
		16QAM	0.118	20.72	4M50D7W
		64QAM	0.094	19.71	4M50D7W
		256QAM	0.047	16.76	4M50D7W
10 MHz	782	QPSK	0.149	21.72	8M97G7D
		16QAM	0.120	20.78	8M96D7W
		64QAM	0.097	19.86	8M96D7W
		256QAM	0.048	16.85	8M96D7W

LTE Band 14

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
5 MHz	790.5 ~ 795.5	QPSK	0.144	21.58	4M49G7D
		16QAM	0.120	20.78	4M49D7W
		64QAM	0.093	19.68	4M49D7W
		256QAM	0.046	16.67	4M50D7W
10 MHz	793	QPSK	0.147	21.67	8M86G7D
		16QAM	0.121	20.83	8M95D7W
		64QAM	0.097	19.85	8M95D7W
		256QAM	0.047	16.76	8M95D7W

LTE Band 17

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
5 MHz	706.5 ~ 713.5	QPSK	0.140	21.45	4M50G7D
		16QAM	0.112	20.48	4M50D7W
		64QAM	0.092	19.63	4M50D7W
		256QAM	0.045	16.55	4M50D7W
10 MHz	709 ~ 711	QPSK	0.143	21.54	9M01G7D
		16QAM	0.115	20.59	9M01D7W
		64QAM	0.092	19.64	9M01D7W
		256QAM	0.046	16.64	9M01D7W

LTE Band 25

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
1.4 MHz	1850.7 ~ 1914.3	QPSK	0.333	25.23	1M09G7D
		16QAM	0.272	24.35	1M09D7W
		64QAM	0.214	23.31	1M09D7W
		256QAM	0.108	20.32	1M09D7W
3 MHz	1851.5 ~ 1913.5	QPSK	0.333	25.22	2M70G7D
		16QAM	0.271	24.33	2M70D7W
		64QAM	0.216	23.35	2M71D7W
		256QAM	0.107	20.29	2M70D7W
5 MHz	1852.5 ~ 1912.5	QPSK	0.331	25.2	4M50G7D
		16QAM	0.271	24.33	4M50D7W
		64QAM	0.212	23.27	4M50D7W
		256QAM	0.108	20.34	4M50D7W
10 MHz	1855 ~ 1910	QPSK	0.333	25.23	8M99G7D
		16QAM	0.268	24.28	8M99D7W
		64QAM	0.215	23.32	8M99D7W
		256QAM	0.108	20.34	8M99D7W
15 MHz	1857.5 ~ 1907.5	QPSK	0.334	25.24	13M5G7D
		16QAM	0.271	24.33	13M5D7W
		64QAM	0.216	23.34	13M5D7W
		256QAM	0.107	20.3	13M5D7W
20 MHz	1860 ~ 1905	QPSK	0.335	25.25	18M0G7D
		16QAM	0.271	24.33	18M0D7W
		64QAM	0.215	23.33	18M0D7W
		256QAM	0.108	20.35	18M0D7W

LTE Band 26 (814 MHz ~ 824 MHz)

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
1.4 MHz	814.7 ~ 823.3	QPSK	0.185	22.67	1M09G7D
		16QAM	0.156	21.93	1M09D7W
		64QAM	0.124	20.92	1M09D7W
		256QAM	0.061	17.85	1M09D7W
3 MHz	815.5 ~ 822.5	QPSK	0.187	22.73	2M70G7D
		16QAM	0.156	21.93	2M70D7W
		64QAM	0.122	20.85	2M70D7W
		256QAM	0.062	17.91	2M71D7W
5 MHz	816.5 ~ 821.5	QPSK	0.186	22.7	4M50G7D
		16QAM	0.157	21.96	4M50D7W
		64QAM	0.122	20.86	4M50D7W
		256QAM	0.093	19.7	4M50D7W
10 MHz	819	QPSK	0.189	22.77	9M00G7D
		16QAM	0.157	21.97	9M00D7W
		64QAM	0.125	20.98	9M00D7W
		256QAM	0.062	17.9	8M99D7W

LTE Band 26 (824 MHz ~ 849 MHz)

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
1.4 MHz	824.7 ~ 848.3	QPSK	0.187	22.72	1M09G7D
		16QAM	0.155	21.9	1M09D7W
		64QAM	0.123	20.9	1M09D7W
		256QAM	0.061	17.86	1M09D7W
3 MHz	825.5 ~ 847.5	QPSK	0.187	22.72	2M70G7D
		16QAM	0.154	21.87	2M70D7W
		64QAM	0.123	20.89	2M70D7W
		256QAM	0.061	17.86	2M70D7W
5 MHz	826.5 ~ 846.5	QPSK	0.185	22.67	4M50G7D
		16QAM	0.155	21.89	4M50D7W
		64QAM	0.124	20.95	4M50D7W
		256QAM	0.061	17.88	4M50D7W
10 MHz	829 ~ 844	QPSK	0.184	22.64	9M00G7D
		16QAM	0.153	21.85	9M00D7W
		64QAM	0.124	20.92	8M99D7W
		256QAM	0.061	17.83	9M00D7W
15 MHz	831.5 ~ 841.5	QPSK	0.190	22.78	13M5G7D
		16QAM	0.159	22.01	13M5D7W
		64QAM	0.126	21	13M5D7W
		256QAM	0.063	17.99	13M5D7W

LTE Band 30, Output Power: Full Power

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	2307.5 ~ 2312.5	QPSK	0.220	23.43	4M52G7D
		16QAM	0.180	22.56	4M50D7W
		64QAM	0.143	21.55	4M50D7W
		256QAM	0.080	19.01	4M50D7W
10 MHz	2310	QPSK	0.228	23.57	8M99G7D
		16QAM	0.182	22.61	8M98D7W
		64QAM	0.145	21.6	8M98D7W
		256QAM	0.081	19.06	8M97D7W

LTE Band 30, Output Power: dBm/5 MHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	2310	QPSK	0.223	23.49	8M99G7D
		16QAM	0.171	22.32	8M98D7W
		64QAM	0.135	21.31	8M98D7W
		256QAM	0.075	18.75	8M97D7W

LTE Band 38

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	2572.5 ~ 2617.5	QPSK	0.354	25.49	4M51G7D
		16QAM	0.267	24.27	4M50D7W
		64QAM	0.217	23.37	4M50D7W
		256QAM	0.104	20.16	4M50D7W
10 MHz	2575 ~ 2615	QPSK	0.355	25.5	8M99G7D
		16QAM	0.267	24.26	8M99D7W
		64QAM	0.221	23.45	8M99D7W
		256QAM	0.104	20.17	9M00D7W
15 MHz	2577.5 ~ 2612.5	QPSK	0.358	25.54	13M5G7D
		16QAM	0.269	24.3	13M5D7W
		64QAM	0.219	23.41	13M5D7W
		256QAM	0.104	20.15	13M5D7W
20 MHz	2580 ~ 2610	QPSK	0.361	25.57	18M0G7D
		16QAM	0.27	24.32	18M0D7W
		64QAM	0.221	23.45	18M0D7W
		256QAM	0.104	20.18	18M0D7W

LTE Band 40 (2.305 GHz ~ 2.315 GHz)

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	2307.5 ~ 2312.5	QPSK	0.246	23.91	4M47G7D
		16QAM	0.2	23	4M47D7W
		64QAM	0.157	21.95	4M47D7W
		256QAM	0.079	18.95	4M47D7W

LTE Band 40 (2.305 GHz ~ 2.315 GHz), Output Power: dBm/5 MHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	2310	QPSK	0.247	23.92	8M93G7D
		16QAM	0.191	22.8	8M93D7W
		64QAM	0.15	21.76	8M95D7W
		256QAM	0.076	18.8	8M93D7W

LTE Band 40 (2.305 GHz ~ 2.315 GHz), Output Power: Full Power

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	2310	QPSK	0.249	23.96	8M93G7D
		16QAM	0.191	22.81	8M93D7W
		64QAM	0.151	21.8	8M95D7W
		256QAM	0.076	18.81	8M93D7W

LTE Band 40 (2.35 GHz ~ 2.36 GHz)

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	2352.5 ~ 2357.5	QPSK	0.245	23.9	4M47G7D
		16QAM	0.198	22.97	4M47D7W
		64QAM	0.156	21.94	4M47D7W
		256QAM	0.078	18.91	4M47D7W

LTE Band 40 (2.35 GHz ~ 2.36 GHz), Output Power: dBm/5 MHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	2355	QPSK	0.246	23.91	8M94G7D
		16QAM	0.192	22.84	8M93D7W
		64QAM	0.153	21.85	8M93D7W
		256QAM	0.076	18.79	8M93D7W

LTE Band 40 (2.35 GHz ~ 2.36 GHz), Output Power: Full Power

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	2355	QPSK	0.247	23.93	8M94G7D
		16QAM	0.193	22.86	8M93D7W
		64QAM	0.153	21.85	8M93D7W
		256QAM	0.076	18.79	8M93D7W

LTE Band 41, PC2

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	2498.5 ~ 2687.5	QPSK	0.690	28.39	4M49G7D
		16QAM	0.550	27.4	4M50D7W
		64QAM	0.438	26.41	4M50D7W
		256QAM	0.224	23.51	4M50D7W
10 MHz	2501 ~ 2685	QPSK	0.681	28.33	8M98G7D
		16QAM	0.550	27.4	8M99D7W
		64QAM	0.433	26.36	8M98D7W
		256QAM	0.225	23.52	8M98D7W
15 MHz	2503.5 ~ 2682.5	QPSK	0.714	28.54	13M5G7D
		16QAM	0.543	27.35	13M5D7W
		64QAM	0.449	26.52	13M5D7W
		256QAM	0.225	23.53	13M5D7W
20 MHz	2506 ~ 2680	QPSK	0.716	28.55	18M0G7D
		16QAM	0.564	27.51	18M0D7W
		64QAM	0.448	26.51	18M0D7W
		256QAM	0.231	23.64	18M0D7W

LTE Band 41, PC3

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	2498.5 ~ 2687.5	QPSK	0.360	25.56	4M49G7D
		16QAM	0.290	24.62	4M50D7W
		64QAM	0.232	23.66	4M50D7W
		256QAM	0.116	20.66	4M50D7W
10 MHz	2501 ~ 2685	QPSK	0.360	25.56	8M98G7D
		16QAM	0.292	24.66	8M99D7W
		64QAM	0.231	23.63	8M98D7W
		256QAM	0.116	20.63	8M98D7W
15 MHz	2503.5 ~ 2682.5	QPSK	0.360	25.56	13M5G7D
		16QAM	0.291	24.64	13M5D7W
		64QAM	0.233	23.67	13M5D7W
		256QAM	0.116	20.66	13M5D7W
20 MHz	2506 ~ 2680	QPSK	0.361	25.57	18M0G7D
		16QAM	0.292	24.66	18M0D7W
		64QAM	0.232	23.65	18M0D7W
		256QAM	0.117	20.68	18M0D7W

LTE Band 42 (3.45 GHz ~ 3.55 GHz)

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	3452.5 ~ 3547.5	QPSK	0.533	27.27	4M50G7D
		16QAM	0.416	26.19	4M49D7W
		64QAM	0.343	25.35	4M50D7W
		256QAM	0.166	22.19	4M50D7W
10 MHz	3455 ~ 3545	QPSK	0.532	27.26	8M99G7D
		16QAM	0.409	26.12	8M98D7W
		64QAM	0.340	25.31	8M98D7W
		256QAM	0.164	22.15	8M98D7W
15 MHz	3457.5 ~ 3542.5	QPSK	0.526	27.21	13M5G7D
		16QAM	0.410	26.13	13M5D7W
		64QAM	0.347	25.4	13M5D7W
		256QAM	0.166	22.19	13M5D7W
20 MHz	3460 ~ 3540	QPSK	0.535	27.28	18M0G7D
		16QAM	0.422	26.25	18M0D7W
		64QAM	0.345	25.38	18M0D7W
		256QAM	0.164	22.16	18M0D7W

LTE Band 66

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
1.4 MHz	1710.7 ~ 1779.3	QPSK	0.325	25.12	1M09G7D
		16QAM	0.262	24.19	1M09D7W
		64QAM	0.207	23.15	1M09D7W
		256QAM	0.103	20.13	1M09D7W
3 MHz	1711.5 ~ 1778.5	QPSK	0.325	25.12	2M70G7D
		16QAM	0.263	24.2	2M70D7W
		64QAM	0.204	23.1	2M70D7W
		256QAM	0.104	20.16	2M70D7W
5 MHz	1712.5 ~ 1777.5	QPSK	0.325	25.12	4M50G7D
		16QAM	0.264	24.21	4M50D7W
		64QAM	0.200	23	4M50D7W
		256QAM	0.104	20.16	4M49D7W
10 MHz	1715 ~ 1775	QPSK	0.325	25.12	8M99G7D
		16QAM	0.262	24.19	8M99D7W
		64QAM	0.205	23.12	8M99D7W
		256QAM	0.104	20.17	8M99D7W
15 MHz	1717.5 ~ 1772.5	QPSK	0.325	25.12	13M5G7D
		16QAM	0.264	24.21	13M5D7W
		64QAM	0.205	23.11	13M5D7W
		256QAM	0.104	20.15	13M5D7W
20 MHz	1720 ~ 1770	QPSK	0.326	25.13	18M0G7D
		16QAM	0.264	24.21	18M0D7W
		64QAM	0.209	23.2	18M0D7W
		256QAM	0.106	20.24	18M0D7W

LTE Band 71

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
5 MHz	665.5 ~ 695.5	QPSK	0.118	20.71	4M50G7D
		16QAM	0.091	19.59	4M50D7W
		64QAM	0.074	18.71	4M50D7W
		256QAM	0.036	15.52	4M49D7W
10 MHz	668 ~ 693	QPSK	0.118	20.71	8M98G7D
		16QAM	0.090	19.56	8M98D7W
		64QAM	0.073	18.63	8M98D7W
		256QAM	0.036	15.52	8M98D7W
15 MHz	670.5 ~ 690.5	QPSK	0.117	20.67	13M5G7D
		16QAM	0.092	19.62	13M5D7W
		64QAM	0.073	18.66	13M5D7W
		256QAM	0.035	15.5	13M5D7W
20 MHz	673 ~ 688	QPSK	0.118	20.72	18M0G7D
		16QAM	0.093	19.67	18M0D7W
		64QAM	0.075	18.77	18M0D7W
		256QAM	0.037	15.65	18M0D7W

3. The EUT uses following accessories.

Battery	Brand	NETGEAR
	Model	W-20b
	Power Rating	3.85V, 19.96Wh
AC Adapter 1	Brand	NETGEAR
	Model	2AGD02131
	Part Number	332-11838-01
	AC Input	100-120Vac, 50/60 Hz
	DC Output	5V/9V, 3A/2.34A
	Manufacturer	CHANNEL WELL TECHNOLOGY
AC Adapter 2	Brand	NETGEAR
	Model	ADT-21NPD-09-EPCU
	Part Number	332-11830-01
	AC Input	100-120Vac, 50/60 Hz
	DC Output	5V/9V, 3A/2.34A
	Manufacturer	Honor: Vietnam Honor High Tech Co., Ltd.
Type C Cable	Brand	JI-HAW ELECTRONICS CO., LTD
	Model	310-10092-01
	Signal Line	0.95M

4. The EUT supports the following Inter-Band CA configuration.

	FCC LTE		CA
	Band	Bandwidth (MHz)	
LTE	B2	1.4/3/5/10/15/20	B4/5/12/13/14/30/66/71
	B4	1.4/3/5/10/15/20	B2/5/12/13/30/71
	B5	1.4/3/5/10	B2/4/30/66
	B12	1.4/3/5/10	B2/4/30/66
	B13	5/10	B2/4/66
	B14	5/10	B2/30/66
	B25	1.4/3/5/10/15/20	B5/7
	B30	5/10	B2/4/5/12/14/66
	B66	1.4/3/5/10/15/20	B2/5/7/12/13/14/30/71
	B71	5/10/15/20	B2/4/7/66

*The EUT supports B2, B4, B5, B12, B13, B14, B25, B30, B66, B71 SA mode and CA mode. After verification, SA mode was identified as the worst case and was therefore selected for final testing.

* After evaluation, single carrier mode represents the worst-case for each band, so only the maximum power and bandwidth combinations for inter-band CA mode are presented in the test report for a spot-check. Please refer to section 7.1.20 and 7.4.4.

5. For detailed information about each WWAN bands frequency range, bandwidth mode of the product, please refer to section 3.3 of the report.

6. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Type		Monopole				
Connector		NA				
Band		Freq. Range (MHz)	Gain (dBi)			
			Ant. 0	Ant. 1	Ant. 2	Ant. 3
LTE B2	1TX (Ant. 0)	1850~1910	1.26	-	-	2.21
LTE B4	1TX (Ant. 0)	1710 ~ 1755	1.14	-	-	1.37
LTE B5	1TX (Ant. 0)	824 ~ 849	1.12	-	-	-
LTE B7	1TX (Ant. 3)	2500 ~ 2570	1.25	-	-	1.58
LTE B12	1TX (Ant. 0)	698 ~ 716	-0.3	-	-	-
LTE B13	1TX (Ant. 0)	777 ~ 787	-0.08	-	-	-
LTE B14	1TX (Ant. 0)	788 ~ 798	-0.08	-	-	-
LTE B17	1TX (Ant. 0)	704 ~ 716	-0.3	-	-	-
LTE B25	1TX (Ant. 0)	1850 ~ 1915	1.26	-	-	2.21
LTE B26	1TX (Ant. 0)	814 ~ 849	1.12	-	-	-
LTE B30	1TX (Ant. 3)	2305 ~ 2315	0.85	-	-	1.41
LTE B38	1TX (Ant. 3)	2570 ~ 2620	1.03	-	-	1.58
LTE B40	1TX (Ant. 3)	2300 ~ 2400	-	-	-	1.41
LTE B41	1TX (Ant. 3)	2496 ~ 2690	1.25	1.01	1.09	1.58
LTE B42	1TX (Ant. 0)	3400 ~ 3600	3.31	-	-	2.07
LTE B43	1TX (Ant. 0)	3600 ~ 3800	3.31	-	-	1.86
LTE B48	1TX (Ant. 0)	3550 ~ 3700	3.31	2.14	1.83	2.07
LTE B66	1TX (Ant. 0)	1710 ~ 1780	1.14	-	-	1.37
LTE B71	1TX (Ant. 0)	663 ~ 698	-1.12	-	-	-

* The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. EUT can be used in the following ways: X-axis/ Y-axis / Z-axis. Pre-scan these ways and find the worst case as a representative test condition. 2. EUT has the following AC Adapter: AC Adapter 1 / AC Adapter 2. Pre-scan these AC Adapters and find the worst case as a representative test condition. 3. Pre-Scan has been conducted to determine the worst-case from all possible combinations of EUT configure mode (1Tx or 2Tx if available), power class, channel, bandwidth, modulation and RB mode. See below table(s) for details.
Worst Case:	1. X-axis/ Y-axis / Z-axis Worst Condition: X-axis 2. Adapter Worst Condition: AC Adapter 2

3.3.1 LTE Band 2

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	18607(1850.70 MHz) 18900(1880.00 MHz) 19193(1909.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		18615(1851.50 MHz) 18900(1880.00 MHz) 19185(1908.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		18625(1852.50 MHz) 18900(1880.00 MHz) 19175(1907.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		18650(1855.00 MHz) 18900(1880.00 MHz) 19150(1905.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		18675(1857.50 MHz) 18900(1880.00 MHz) 19125(1902.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		18700(1860.00 MHz) 18900(1880.00 MHz) 19100(1900.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	19175(1907.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	18607(1850.70 MHz) 18900(1880.00 MHz) 19193(1909.30 MHz)	1.4 MHz	QPSK	1 RB
		18625(1852.50 MHz) 18900(1880.00 MHz) 19175(1907.50 MHz)	5 MHz	QPSK	1 RB
		18700(1860.00 MHz) 18900(1880.00 MHz) 19100(1900.00 MHz)	20 MHz	QPSK	1 RB

3.3.2 LTE Band 4

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	19957(1710.70 MHz) 20175(1732.50 MHz) 20393(1754.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		19965(1711.50 MHz) 20175(1732.50 MHz) 20385(1753.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		19975(1712.50 MHz) 20175(1732.50 MHz) 20375(1752.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		20000(1715.00 MHz) 20175(1732.50 MHz) 20350(1750.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		20025(1717.50 MHz) 20175(1732.50 MHz) 20325(1747.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		20050(1720.00 MHz) 20175(1732.50 MHz) 20300(1745.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	20175(1732.50 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	19957(1710.70 MHz) 20175(1732.50 MHz) 20393(1754.30 MHz)	1.4 MHz	QPSK	1 RB
		19975(1712.50 MHz) 20175(1732.50 MHz) 20375(1752.50 MHz)	5 MHz	QPSK	1 RB
		20050(1720.00 MHz) 20175(1732.50 MHz) 20300(1745.00 MHz)	20 MHz	QPSK	1 RB

3.3.3 LTE Band 5

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	20407(824.70 MHz) 20525(836.50 MHz) 20643(848.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		20415(825.50 MHz) 20525(836.50 MHz) 20635(847.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		20425(826.50 MHz) 20525(836.50 MHz) 20625(846.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		20450(829.00 MHz) 20525(836.50 MHz) 20600(844.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	20643(848.30 MHz)	1.4 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	20407(824.70 MHz) 20525(836.50 MHz) 20643(848.30 MHz)	1.4 MHz	QPSK	1 RB
		20425(826.50 MHz) 20525(836.50 MHz) 20625(846.50 MHz)	5 MHz	QPSK	1 RB
		20450(829.00 MHz) 20525(836.50 MHz) 20600(844.00 MHz)	10 MHz	QPSK	1 RB

3.3.4 LTE Band 7

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	20775(2502.50 MHz) 21100(2535.00 MHz) 21425(2567.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		20800(2505.00 MHz) 21100(2535.00 MHz) 21400(2565.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		20825(2507.50 MHz) 21100(2535.00 MHz) 21375(2562.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		20850(2510.00 MHz) 21100(2535.00 MHz) 21350(2560.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	20850(2510.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	20775(2502.50 MHz) 21100(2535.00 MHz) 21425(2567.50 MHz)	5 MHz	QPSK	1 RB
		20850(2510.00 MHz) 21100(2535.00 MHz) 21350(2560.00 MHz)	20 MHz	QPSK	1 RB

3.3.5 LTE Band 12

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	23017(699.70 MHz) 23095(707.50 MHz) 23173(715.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		23025(700.50 MHz) 23095(707.50 MHz) 23165(714.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		23035(701.50 MHz) 23095(707.50 MHz) 23155(713.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		23060(704.00 MHz) 23095(707.50 MHz) 23130(711.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	23095(707.50 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	23017(699.70 MHz) 23095(707.50 MHz) 23173(715.30 MHz)	1.4 MHz	QPSK	1 RB
		23035(701.50 MHz) 23095(707.50 MHz) 23155(713.50 MHz)	5 MHz	QPSK	1 RB
		23060(704.00 MHz) 23095(707.50 MHz) 23130(711.00 MHz)	10 MHz	QPSK	1 RB

3.3.6 LTE Band 13

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	23205(779.50 MHz) 23230(782.00 MHz) 23255(784.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		23230(782.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	23230(782.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	23205(779.50 MHz) 23230(782.00 MHz) 23255(784.50 MHz)	5 MHz	QPSK	1 RB
		23230(782.00 MHz)	10 MHz	QPSK	1 RB

3.3.7 LTE Band 14

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	23305(790.50 MHz) 23330(793.00 MHz) 23355(795.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		23330(793.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	23330(793.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	23305(790.50 MHz) 23330(793.00 MHz) 23355(795.50 MHz)	5 MHz	QPSK	1 RB
		23330(793.00 MHz)	10 MHz	QPSK	1 RB

3.3.8 LTE Band 17

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	23755(706.50 MHz) 23790(710.00 MHz) 23825(713.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		23780(709.00 MHz) 23790(710.00 MHz) 23800(711.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	23780(709.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	23755(706.50 MHz) 23790(710.00 MHz) 23825(713.50 MHz)	5 MHz	QPSK	1 RB
		23780(709.00 MHz) 23790(710.00 MHz) 23800(711.00 MHz)	10 MHz	QPSK	1 RB

3.3.9 LTE Band 25

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	26047(1850.70 MHz) 26365(1882.50 MHz) 26683(1914.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		26055(1851.50 MHz) 26365(1882.50 MHz) 26675(1913.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		26065(1852.50 MHz) 26365(1882.50 MHz) 26665(1912.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		26090(1855.00 MHz) 26365(1882.50 MHz) 26640(1910.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		26115(1857.50 MHz) 26365(1882.50 MHz) 26615(1907.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		26140(1860.00 MHz) 26365(1882.50 MHz) 26590(1905.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	26665(1912.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	26047(1850.70 MHz) 26365(1882.50 MHz) 26683(1914.30 MHz)	1.4 MHz	QPSK	1 RB
		26065(1852.50 MHz) 26365(1882.50 MHz) 26665(1912.50 MHz)	5 MHz	QPSK	1 RB
		26140(1860.00 MHz) 26365(1882.50 MHz) 26590(1905.00 MHz)	20 MHz	QPSK	1 RB

3.3.10LTE Band 26 (814 MHz ~ 824 MHz)

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	26697(814.70 MHz) 26740(819.00 MHz) 26783(823.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		26705(815.50 MHz) 26740(819.00 MHz) 26775(822.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		26715(816.50 MHz) 26740(819.00 MHz) 26765(821.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		26740(819.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	26740(819.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	26697(814.70 MHz) 26740(819.00 MHz) 26783(823.30 MHz)	1.4 MHz	QPSK	1 RB
		26715(816.50 MHz) 26740(819.00 MHz) 26765(821.50 MHz)	5 MHz	QPSK	1 RB
		26740(819.00 MHz)	10 MHz	QPSK	1 RB

3.3.11LTE Band 26 (824 MHz ~ 849 MHz)

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	26797(824.70 MHz) 26915(836.50 MHz) 27033(848.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		26805(825.50 MHz) 26915(836.50 MHz) 27025(847.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		26815(826.50 MHz) 26915(836.50 MHz) 27015(846.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		26840(829.00 MHz) 26915(836.50 MHz) 26990(844.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		26865(831.50 MHz) 26915(836.50 MHz) 26965(841.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	26915(836.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	26797(824.70 MHz) 26915(836.50 MHz) 27033(848.30 MHz)	1.4 MHz	QPSK	1 RB
		26815(826.50 MHz) 26915(836.50 MHz) 27015(846.50 MHz)	5 MHz	QPSK	1 RB
		26865(831.50 MHz) 26915(836.50 MHz) 26965(841.50 MHz)	15 MHz	QPSK	1 RB

3.3.12LTE Band 30

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	27685(2307.50 MHz) 27710(2310.00 MHz) 27735(2312.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		27710(2310.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	27710(2310.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	27685(2307.50 MHz) 27710(2310.00 MHz) 27735(2312.50 MHz)	5 MHz	QPSK	1 RB
		27710(2310.00 MHz)	10 MHz	QPSK	1 RB

3.3.13LTE Band 38

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	37775(2572.50 MHz) 38000(2595.00 MHz) 38225(2617.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		37800(2575.00 MHz) 38000(2595.00 MHz) 38200(2615.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		37825(2577.50 MHz) 38000(2595.00 MHz) 38175(2612.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		37850(2580.00 MHz) 38000(2595.00 MHz) 38150(2610.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	PC3	38000(2595.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	PC3	37775(2572.50 MHz) 38000(2595.00 MHz) 38225(2617.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
		37800(2575.00 MHz) 38000(2595.00 MHz) 38200(2615.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
		37825(2577.50 MHz) 38000(2595.00 MHz) 38175(2612.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
		37850(2580.00 MHz) 38000(2595.00 MHz) 38150(2610.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	PC3	37775(2572.50 MHz) 38000(2595.00 MHz) 38225(2617.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
		37800(2575.00 MHz) 38000(2595.00 MHz) 38200(2615.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
		37825(2577.50 MHz) 38000(2595.00 MHz) 38175(2612.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
		37850(2580.00 MHz) 38000(2595.00 MHz) 38150(2610.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	PC3	37775(2572.50 MHz) 38000(2595.00 MHz) 38225(2617.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Full RB
		37800(2575.00 MHz) 38000(2595.00 MHz) 38200(2615.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Full RB
		37825(2577.50 MHz) 38000(2595.00 MHz) 38175(2612.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Full RB
		37850(2580.00 MHz) 38000(2595.00 MHz) 38150(2610.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	38150(2610.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	37775(2572.50 MHz) 38000(2595.00 MHz) 38225(2617.50 MHz)	5 MHz	QPSK	1 RB
		37850(2580.00 MHz) 38000(2595.00 MHz) 38150(2610.00 MHz)	20 MHz	QPSK	1 RB
Frequency Stability	PC3	37850(2580.00 MHz) 38150(2610.00 MHz)	20 MHz	QPSK	Full RB

3.3.14 LTE Band 40 (2.305 GHz ~ 2.315 GHz)

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	38725(2307.50 MHz) 38750(2310.00 MHz) 38775(2312.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		38750(2310.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	PC3	38750(2310.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	PC3	38725(2307.50 MHz) 38750(2310.00 MHz) 38775(2312.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
		38750(2310.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
Bandwidth	PC3	38725(2307.50 MHz) 38750(2310.00 MHz) 38775(2312.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
		38750(2310.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	PC3	38725(2307.50 MHz) 38750(2310.00 MHz) 38775(2312.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Full RB
		38750(2310.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	37850(2580.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	38725(2307.50 MHz) 38750(2310.00 MHz) 38775(2312.50 MHz)	5 MHz	QPSK	1 RB
		38750(2310.00 MHz)	10 MHz	QPSK	1 RB
Frequency Stability	PC3	38750(2310.00 MHz)	10 MHz	QPSK	Full RB

3.3.15LTE Band 40 (2.35 GHz ~ 2.36 GHz)

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	39175(2352.50 MHz) 39200(2355.00 MHz) 39225(2357.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		39200(2355.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	PC3	39200(2355.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	PC3	39175(2352.50 MHz) 39200(2355.00 MHz) 39225(2357.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
		39200(2355.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
Bandwidth	PC3	39175(2352.50 MHz) 39200(2355.00 MHz) 39225(2357.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
		39200(2355.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	PC3	39175(2352.50 MHz) 39200(2355.00 MHz) 39225(2357.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Full RB
		39200(2355.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	39200(2355.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	39175(2352.50 MHz) 39200(2355.00 MHz) 39225(2357.50 MHz)	5 MHz	QPSK	1 RB
		39200(2355.00 MHz)	10 MHz	QPSK	1 RB
Frequency Stability	PC3	39200(2355.00 MHz)	10 MHz	QPSK	Full RB

3.3.16LTE Band 41

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC2/3	39675(2498.50 MHz) 40620(2593.00 MHz) 41565(2687.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		39700(2501.00 MHz) 40620(2593.00 MHz) 41540(2685.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		39725(2503.50 MHz) 40620(2593.00 MHz) 41515(2682.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		39750(2506.00 MHz) 40620(2593.00 MHz) 41490(2680.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC2	40620(2593.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC2	39675(2498.50 MHz) 40620(2593.00 MHz) 41565(2687.50 MHz)	5 MHz	QPSK	1 RB
		39750(2506.00 MHz) 40620(2593.00 MHz) 41490(2680.00 MHz)	20 MHz	QPSK	1 RB

3.3.17LTE Band 42 (3.45 GHz ~ 3.55 GHz)

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	42115(3452.50 MHz) 42590(3500.00 MHz) 43065(3547.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		42140(3455.00 MHz) 42590(3500.00 MHz) 43040(3545.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		42165(3457.50 MHz) 42590(3500.00 MHz) 43015(3542.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		42190(3460.00 MHz) 42590(3500.00 MHz) 42990(3540.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	42590(3500.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	42115(3452.50 MHz) 42590(3500.00 MHz) 43065(3547.50 MHz)	5 MHz	QPSK	1 RB
		42190(3460.00 MHz) 42590(3500.00 MHz) 42990(3540.00 MHz)	20 MHz	QPSK	1 RB

3.3.18LTE Band 66

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	131979(1710.70 MHz) 132322(1745.00 MHz) 132665(1779.30 MHz)	1.4 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		131987(1711.50 MHz) 132322(1745.00 MHz) 132657(1778.50 MHz)	3 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		131997(1712.50 MHz) 132322(1745.00 MHz) 132647(1777.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		132022(1715.00 MHz) 132322(1745.00 MHz) 132622(1775.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		132047(1717.50 MHz) 132322(1745.00 MHz) 132597(1772.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		132072(1720.00 MHz) 132322(1745.00 MHz) 132572(1770.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	132647(1777.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	131979(1710.70 MHz) 132322(1745.00 MHz) 132665(1779.30 MHz)	1.4 MHz	QPSK	1 RB
		131997(1712.50 MHz) 132322(1745.00 MHz) 132647(1777.50 MHz)	5 MHz	QPSK	1 RB
		132072(1720.00 MHz) 132322(1745.00 MHz) 132572(1770.00 MHz)	20 MHz	QPSK	1 RB

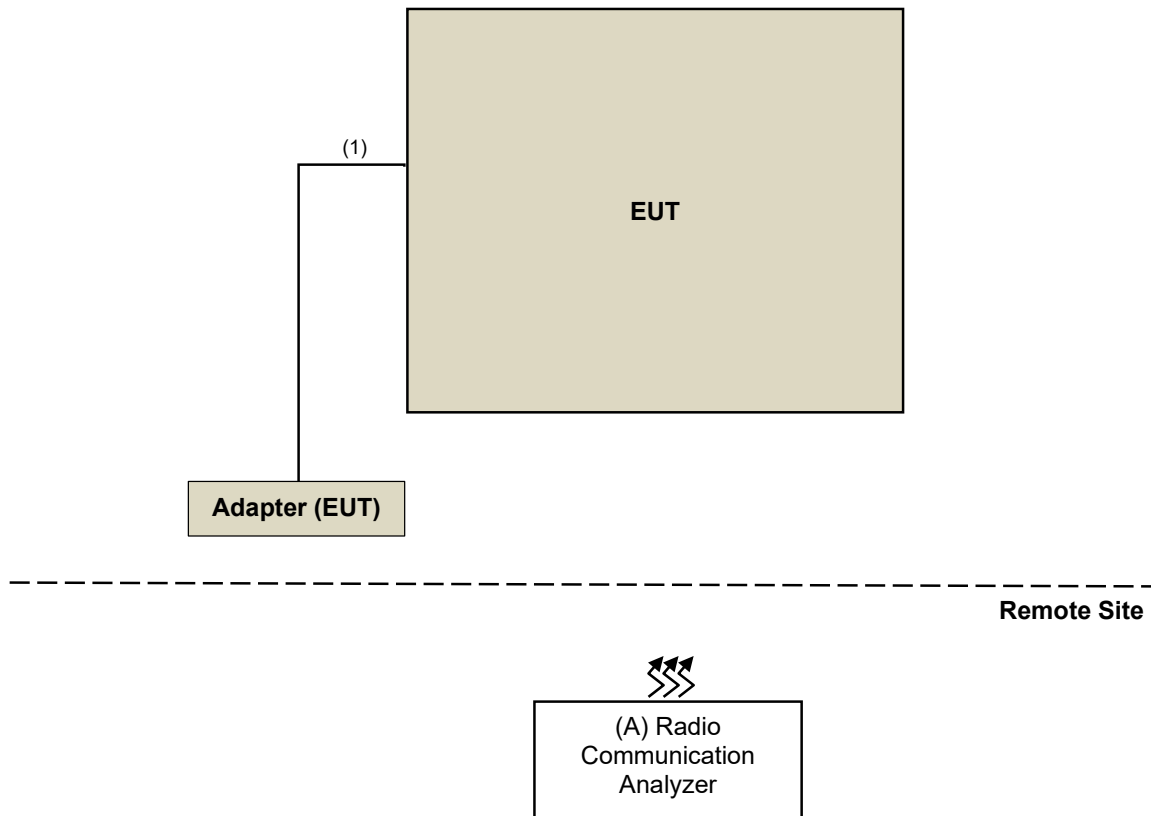
3.3.19LTE Band 71

Test Item	Power Class	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	133147(665.50 MHz) 133297(680.50 MHz) 133447(695.50 MHz)	5 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		133172(668.00 MHz) 133297(680.50 MHz) 133422(693.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		133197(670.50 MHz) 133297(680.50 MHz) 133397(690.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		133222(673.00 MHz) 133297(680.50 MHz) 133372(688.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	133297(680.50 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	133147(665.50 MHz) 133297(680.50 MHz) 133447(695.50 MHz)	5 MHz	QPSK	1 RB
		133222(673.00 MHz) 133297(680.50 MHz) 133372(688.00 MHz)	20 MHz	QPSK	1 RB

3.4 Test Program Used and Operation Descriptions

There is no need to controlling software during the test, and the EUT can be paired with the Radio Communication Analyzer to test the connection when it is powered on.

3.5 Connection Diagram of EUT and Peripheral Devices



3.6 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Radio Communication Analyzer	Anritsu	MT8821C	6201462755	NA	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	Type C Cable	1	0.95	No	0	Supplied by applicant

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Conducted Power Measurement:

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2026/5/21	2027/5/20
PXA Signal Analyzer Keysight	N9030B	MY57140953	2025/7/31 2026/8/3	2026/7/30 2027/8/2
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
Radio Communication Analyzer Anritsu	MT8821C	6201462755	2026/6/9	2027/6/8

Notes:

1. The test was performed in HY - Oven room(Hwaya).
2. Tested Date: 2026/6/16 ~ 2026/7/9, 2026/8/17

Radiated Power EIRP / ERP Measurement:

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFA-515BSN	N/A	N/A	N/A
Horn Antenna RFSPIN	DRH18-E	210104A18E	2025/11/9	2026/11/8
Horn Antenna Schwarzbeck	BBHA 9170	9170-1049	2025/11/9	2026/11/8
MXE EMI Receiver Keysight	N9038B	MY60180019	2026/1/14	2027/1/13
Preamplifier Agilent	83017A	MY39501357	2026/6/10	2027/6/9
Preamplifier EMCI	EMC184045SE	980788	2026/1/13	2027/1/12
RF Coaxial Cable EMCI	EMC101G-KM-KM-2000	201254	2026/1/13	2027/1/12
		201255	2026/1/13	2027/1/12
	EMC101G-KM-KM-5000	201261	2026/1/13	2027/1/12
	EMC104-SM-SM-1000	210103	2026/1/13	2027/1/12
	EMC104-SM-SM-3000	201241	2026/1/13	2027/1/12
	EMC104-SM-SM-9000	201244	2026/1/13	2027/1/12
Signal & Spectrum Analyzer R&S	FSV3044	101504	2026/6/29	2027/6/28
Software BV ADT	ADT_Radiated_ V7.7.1.1.1	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208676	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 9(Wenming).
2. Tested Date: 2026/7/22 ~ 2026/8/18

4.2 Modulation Characteristics

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2026/5/21	2027/5/20
PXA Signal Analyzer Keysight	N9030B	MY57140953	2025/7/31	2026/7/30
Radio Communication Analyzer Anritsu	MT8821C	6261806803	2026/2/12	2027/2/11
		6272278312	2026/6/16	2027/6/15
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in HY - Oven room(Hwaya).
2. Tested Date: 2026/5/30 ~ 2026/7/9

4.3 Peak to Average Ratio

Refer to section 4.2 to get the tested date and information of the instruments.

4.4 Bandwidth

Refer to section 4.2 to get the tested date and information of the instruments.

4.5 Conducted Spurious Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2026/5/21	2027/5/20
PXA Signal Analyzer Keysight	N9030B	MY57140953	2025/7/31	2026/7/30
Radio Communication Analyzer Anritsu	MT8821C	6261806803	2026/2/12	2027/2/11
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in HY - Oven room(Hwaya).
2. Tested Date: 2026/5/30 ~ 2026/6/27

4.6 Radiated Spurious Emissions below 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFA-515BSN	N/A	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-1214	2025/9/18	2026/9/17
Loop Antenna TESEQ	HLA 6121	45745	2025/9/1	2026/8/31
MXE EMI Receiver Keysight	N9038B	MY60180019	2026/1/14	2027/1/13
Preamplifier EMCI	EMC330N	980798	2026/1/13	2027/1/12
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-500	201248	2026/1/13	2027/1/12
	EMCCFD400-NM-NM-3000	201249	2026/1/13	2027/1/12
	EMCCFD400-NM-NM-9000	201251(with PAD)	2026/1/13	2027/1/12
Signal & Spectrum Analyzer R&S	FSV3044	101504	2025/6/18	2026/6/17
Software BV ADT	ADT_Radiated_ V7.7.1.1.1	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208676	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 9(Wenming).
2. Tested Date: 2026/6/10

4.7 Radiated Spurious Emissions above 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFA-515BSN	N/A	N/A	N/A
Horn Antenna RFSPIN	DRH18-E	210104A18E	2025/11/9	2026/11/8
Horn Antenna Schwarzbeck	BBHA 9170	9170-1049	2025/11/9	2026/11/8
MXE EMI Receiver Keysight	N9038B	MY60180019	2026/1/14	2027/1/13
Preamplifier Agilent	83017A	MY39501357	2025/6/11 2026/6/10	2026/6/10 2027/6/9
Preamplifier EMCI	EMC184045SE	980788	2026/1/13	2027/1/12
RF Coaxial Cable EMCI	EMC101G-KM-KM-2000	201254	2026/1/13	2027/1/12
		201255	2026/1/13	2027/1/12
	EMC101G-KM-KM-5000	201261	2026/1/13	2027/1/12
	EMC104-SM-SM-1000	210103	2026/1/13	2027/1/12
	EMC104-SM-SM-3000	201241	2026/1/13	2027/1/12
	EMC104-SM-SM-9000	201244	2026/1/13	2027/1/12
Signal & Spectrum Analyzer R&S	FSV3044	101504	2025/6/18	2026/6/17
			2026/6/29	2027/6/28
Software BV ADT	ADT_Radiated_ V7.7.1.1.1	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208676	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 9(Wenming).
2. Tested Date: 2026/6/9, 2026/6/27

4.8 Frequency Stability

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
3-channel DC power supply OWON	ODP3033	ODP30332128138	N/A	N/A
Digital Multimeter Fluke	8050A	4660081	2026/6/5	2027/6/4
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2026/5/21	2027/5/20
Signal & Spectrum Analyzer R&S	FSV3044	101505	2026/6/15	2027/6/14
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
Temperature & Humidity Chamber Terchy	MHU-225AU	920842	2026/7/2	2027/7/1

Notes:

1. The test was performed in HY - Oven room(Hwaya).
2. Tested Date: 2026/7/16

5 Limits of Test Items

5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

For LTE Band 2, LTE Band 25:

Mobile and portable stations are limited to 2 watts EIRP.

For LTE Band 4, LTE Band 66:

Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

For LTE Band 5, LTE Band 26 (824 MHz ~ 849 MHz):

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

For LTE Band 7, LTE Band 38, LTE Band 41:

Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

For LTE Band 12, LTE Band 17, LTE Band 71:

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

For LTE Band 13:

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

For LTE Band 14:

Portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP.

For LTE Band 26 (814 MHz ~ 824 MHz):

The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw) ERP.

For LTE Band 30, LTE Band 40 (2.305 GHz ~ 2.315 GHz), LTE Band 40 (2.35 GHz ~ 2.36 GHz):

For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth.

For LTE Band 42 (3.45 GHz ~ 3.55 GHz):

Mobile devices are limited to 1Watt (30 dBm) EIRP.

5.2 Modulation Characteristics

A curve or equivalent data which shows that the equipment will meet the modulation requirements of the rules under which the equipment is to be licensed.

5.3 Peak to Average Ratio

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB.

5.4 Bandwidth

According to FCC 47 CFR part 2.1049, the occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5% of the total mean power radiated by a given emission.

5.5 Conducted Spurious Emissions

For LTE Band 38:

According to FCC 47 CFR part 27.53(m)(4) regulations, any transmit power outside of the channel edge must be attenuated below the transmitting power (P) by a factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed.

For LTE Band 40 (2.305 GHz ~ 2.315 GHz), LTE Band 40 (2.35 GHz ~ 2.36 GHz):

According to FCC 47 CFR part 27.53(a)(4), for mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

- (i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 MHz and 2320 MHz and on all frequencies between 2345 MHz and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 MHz and 2324 MHz and on all frequencies between 2341 MHz and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 MHz and 2328 MHz and on all frequencies between 2337 MHz and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 MHz and 2337 MHz;
- (ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 MHz and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 MHz and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 MHz and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 MHz and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz;
- (iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 MHz and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.
- (iv) Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the channel blocks at 2305 MHz, 2310 MHz, 2315 MHz, 2320 MHz, 2345 MHz, 2350 MHz, 2355 MHz, and 2360 MHz, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

5.6 Radiated Spurious Emissions below 1GHz

For LTE Band 2, LTE Band 5, LTE Band 25, LTE Band 26 (824 MHz ~ 849 MHz):

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

For LTE Band 4, LTE Band 66:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz 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 $43 + 10 \log(P)$ dB. The limit of emission is equal to -13 dBm.

For LTE Band 7, LTE Band 38, LTE Band 41:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least $55 + 10 \log(P)$ dB. The emission limit equal to -25 dBm.

For LTE Band 12, LTE Band 17, LTE Band 71:

According to FCC 47 CFR part 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. The limit of emissions is equal to -13 dBm.

For LTE Band 13:

According to FCC 47 CFR part 27.53(c)(2), for on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB. The limit of emissions is equal to -13 dBm.

For LTE Band 14:

According to FCC 47 CFR part 90.543 (e), for operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log(P)$ dB.

For LTE Band 26 (814 MHz ~ 824 MHz):

For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ 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 kHz.

For §90.691(a), RBW = 100 kHz for offset greater than 37.5 kHz from channel edge is allowed.

For LTE Band 30, LTE Band 40 (2.305 GHz ~ 2.315 GHz), LTE Band 40 (2.35 GHz ~ 2.36 GHz):

According to FCC 47 CFR part 27.53(a)(4)(ii)(iii), the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $70 + 10 \log(P)$ dB. The limit of emission is equal to -40 dBm.

For LTE Band 42 (3.45 GHz ~ 3.55 GHz):

According to FCC 47 CFR part 27.53(n), for operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

5.7 Radiated Spurious Emissions above 1GHz

For LTE Band 2, LTE Band 5, LTE Band 25, LTE Band 26 (824 MHz ~ 849 MHz):

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

For LTE Band 4, LTE Band 66:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz 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 $43 + 10 \log(P)$ dB. The limit of emission is equal to -13 dBm.

For LTE Band 7, LTE Band 38, LTE Band 41:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least $55 + 10 \log(P)$ dB. The emission limit equal to -25 dBm.

For LTE Band 12, LTE Band 17, LTE Band 71:

According to FCC 47 CFR part 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. The limit of emissions is equal to -13 dBm.

For LTE Band 13:

According to FCC 47 CFR part 27.53(c)(2), for on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB. The limit of emissions is equal to -13 dBm.

For operations in the 775-788 MHz, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz (EIRP). The limit of emissions is equal to -40 dBm.

For LTE Band 14:

According to FCC 47 CFR part 90.543 (e), for operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log(P)$ dB.

According to FCC 47 CFR part 90.543 (f), for operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

For LTE Band 26 (814 MHz ~ 824 MHz):

For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ 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 kHz.

For §90.691(a), RBW = 100 kHz for offset greater than 37.5 kHz from channel edge is allowed.

For LTE Band 30, LTE Band 40 (2.305 GHz ~ 2.315 GHz), LTE Band 40 (2.35 GHz ~ 2.36 GHz):

According to FCC 47 CFR part 27.53(a)(4)(ii)(iii), the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $70 + 10 \log(P)$ dB. The limit of emission is equal to -40 dBm.

For LTE Band 42 (3.45 GHz ~ 3.55 GHz):

According to FCC 47 CFR part 27.53(n), for operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

5.8 Frequency Stability

For LTE Band 38, LTE Band 40 (2.305 GHz ~ 2.315 GHz), LTE Band 40 (2.35 GHz ~ 2.36 GHz):

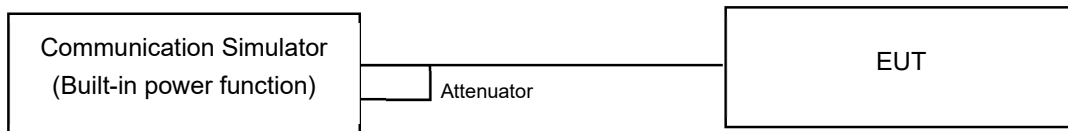
The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation (authorized frequency block).

6 Test Arrangements

6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

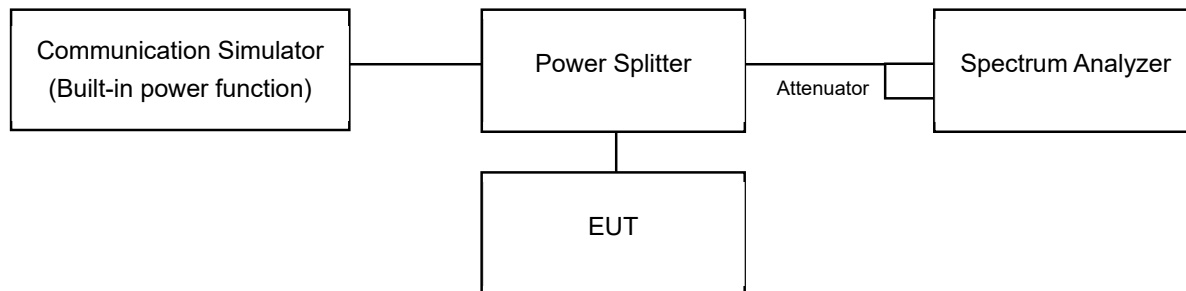
6.1.1 Test Setup

Conducted Power Measurement:



Note: The correction factor has already been compensated by the instrument.

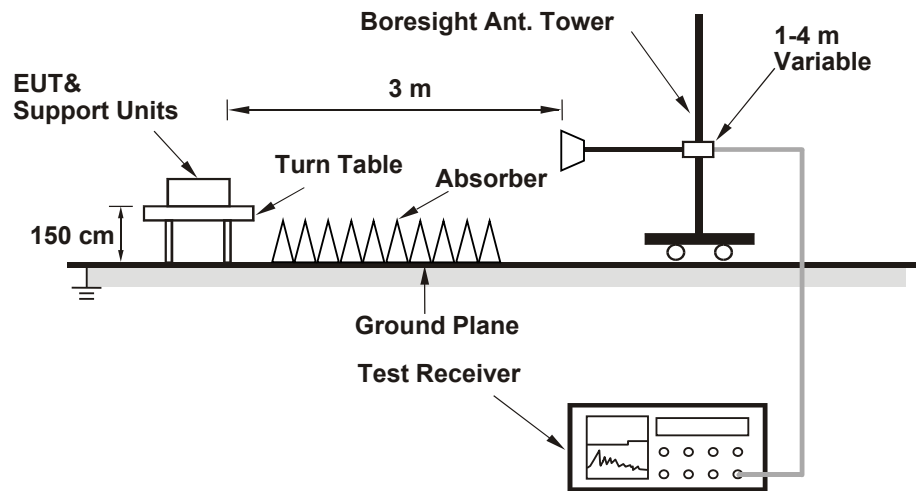
For measuring output power using spectrum



Note: The correction factor has already been compensated by the instrument.

Radiated Power EIRP / ERP Measurement:

For Radiated Emission above 1 GHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.1.2 Test Procedure

Conducted Power Measurement:

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology. The average (rms) power measurement was performed on emulator and power value was measured from power function on emulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

For measuring output power using spectrum

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology and link to spectrum analyzer measurements. Set the EUT to transmit under low, middle and high channel and record the power level shown on spectrum analyzer. Power measurements use detector average (rms).

For measuring output power using spectrum

Measurement method refers to ANSI C63.26 section 5.2.4.4.

- a. Set span to $2 \times$ to $3 \times$ the OBW.
- b. Set RBW = 1% to 5% of the OBW.
- c. Set VBW $\geq 3 \times$ RBW.
- d. Set number of measurement points in sweep $\geq 2 \times$ span / RBW.
- e. Set Sweep time = auto-couple.
- f. Detector = power averaging (rms).
- g. Set sweep trigger to "free run."
- h. Trace average at least 100 traces in power averaging (rms) mode.
- i. Use the Band/Channel Power function to determine the integrated power per 5 MHz bandwidth, according to the 47 CFR FCC Part 27 section 27.53(a)(3)(i) standard.
- j. If Duty cycle < 98%, Add $10 \log (1/\text{duty cycle})$ to the measured power level to compute the average power during continuous transmission.

Maximum EIRP / ERP

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation as follows:

$$\text{EIRP} = P_{\text{Meas}} + G_T$$

$$\text{ERP} = P_{\text{Meas}} + G_T - 2.15$$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively

(expressed in the same units as P_{Meas} , e.g., dBm or dBW)

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

G_T gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

Radiated Power EIRP / ERP Measurement:

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology.

Set the EUT to transmit under low, middle and high channel and record the power level shown on spectrum analyzer.

- In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) and/or 1.5 m (above 1 GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
 - The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
 - Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
 - Following C63.26 section 5.5 and 5.2.7. Set the detector to power averaging (rms) detector.
- EIRP (dBm) = $E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
 - ERP (dBm) = $E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

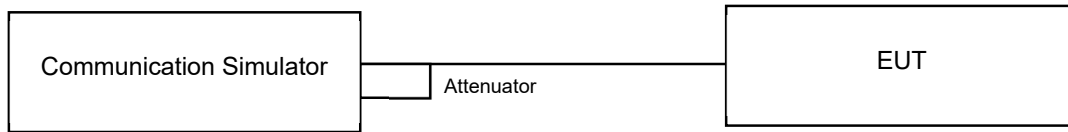
Spectrum analyzer setting as below:

Measurement method refers to ANSI C63.26 section 5.2.4.4.

- Set span to $2 \times$ to $3 \times$ the OBW.
- Set RBW = 1% to 5% of the OBW.
- Set VBW $\geq 3 \times$ RBW.
- Set number of measurement points in sweep $\geq 2 \times$ span / RBW.
- Set Sweep time = auto-couple.
- Detector = power averaging (rms).
- Set sweep trigger to "free run."
- Trace average at least 100 traces in power averaging (rms) mode.
- Use the Band/Channel Power function to determine the integrated power per 5 MHz bandwidth, according to the 47 CFR FCC Part 27 section 27.53(a)(3)(i) standard.
- If Duty cycle < 98%, Add $10 \log (1/\text{duty cycle})$ to the measured power level to compute the average power during continuous transmission.

6.2 Modulation Characteristics

6.2.1 Test Setup



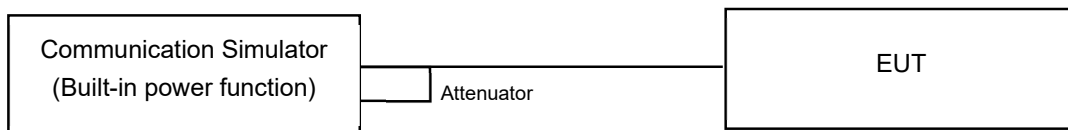
Note: The correction factor has already been compensated by the instrument.

6.2.2 Test Procedure

Connect the EUT to Communication Simulator via the antenna connector, the frequency band is set as EUT supported Modulation and Channels, the EUT output is matched with 50 ohm load, the waveform quality and constellation of the EUT was tested.

6.3 Peak to Average Ratio

6.3.1 Test Setup



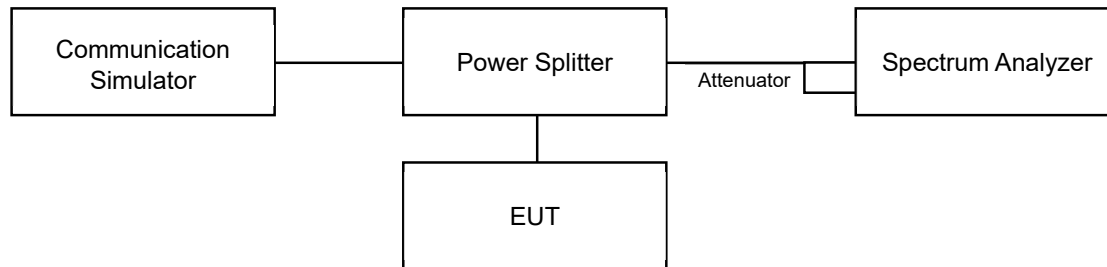
Note: The correction factor has already been compensated by the instrument.

6.3.2 Test Procedure

- Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
- Set the number of counts to a value that stabilizes the measured CCDF curve;
- Record the maximum PAPR level associated with a probability of 0.1%.

6.4 Bandwidth

6.4.1 Test Setup



Note: The correction factor has already been compensated by the instrument.

6.4.2 Test Procedure

For the 26 dBc bandwidth measurement method, please refer to section 5.4.3 of ANSI C63.26.

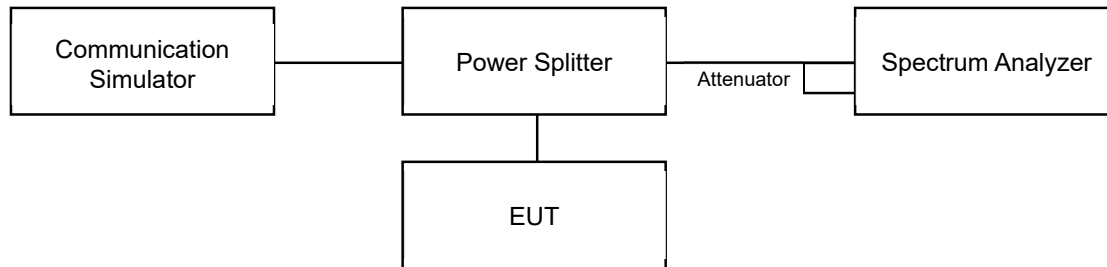
- a. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be wide enough to see sufficient roll off of the signal to make the measurement.
- b. The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set $\geq 3 \times$ RBW.
- c. Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation. See guidance provided in 4.2.3.
- d. The dynamic range of the spectrum analyzer at the selected RBW shall be more than 10 dB below the target “-X dB” requirement, i.e., if the requirement calls for measuring the -26 dB OBW, the spectrum analyzer noise floor at the selected RBW shall be at least 36 dB below the reference level.
- e. Set spectrum analyzer detection mode to peak, and the trace mode to max hold.
- f. Determine the following reference values: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value).
- g. Determine the “-X dB amplitude” as equal to (Reference Value - X). Alternatively, this calculation can be performed on the spectrum analyzer using the delta-marker measurement function.
- h. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB amplitude” determined in step f). If a marker is below this “-X dB amplitude” value it should be as close as possible to this value. The OBW is the positive frequency difference between the two markers.
- i. The OBW shall be reported by providing plot(s) of the measuring instrument display, to include markers depicting the relevant frequency and amplitude information (e.g., marker table). The frequency and amplitude axis and scale shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

For the occupied bandwidth measurement method, please refer to section 5.4.4 of ANSI C63.26.

- a. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be wide enough to see sufficient roll off of the signal to make the measurement.
- b. The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set $\geq 3 \times$ RBW.
- c. Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation. See guidance provided in 4.2.3.
- d. Set spectrum analyzer detection mode to peak, and the trace mode to max hold.
- e. If the instrument does not have a 99% OBW function, recover the trace data points and sum directly in linear power terms. Place the recovered amplitude data points, beginning at the lowest frequency, in a running sum until 0.5% of the total is reached. Record that frequency as the lower OBW frequency. Repeat the process until 99.5% of the total is reached and record that frequency as the upper OBW frequency. The 99% power OBW can be determined by computing the difference these two frequencies.
- f. The OBW shall be reported by providing plot(s) of the measuring instrument display shall be provided with the test report. The frequency and amplitude axis and scale shall be clearly labeled. Tabular data can be reported in addition to the plot(s).

6.5 Conducted Spurious Emissions

6.5.1 Test Setup



Note: The correction factor has already been compensated by the instrument.

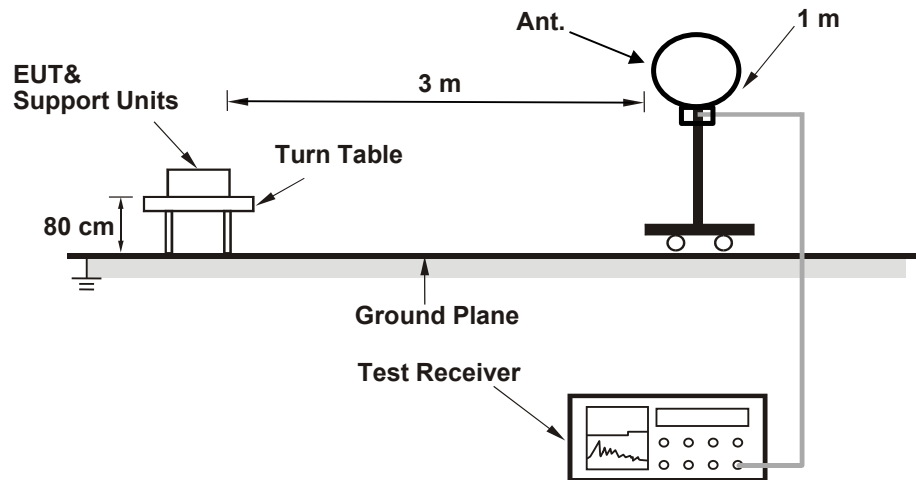
6.5.2 Test Procedure

- a. Measurement refer to ANSI C63.26 section 5.7.
- b. All measurements were done at 3 channels: low, middle and high operational frequency range.
- c. Measuring frequency range is from 9 kHz up to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower. 10 dB attenuation pad is connected with spectrum.
- d. The fundamental frequency above 1 GHz, the spectrum set RBW = 1 MHz, VBW = 3 MHz, Detector = Average.
- e. The fundamental frequency below 1 GHz, the spectrum set RBW $\geq$ 100 kHz, VBW $\geq$ 3 x RBW, Detector = Average.
- f. Measuring frequency band edge, narrow RBW (no less than 1% of the OBW) is used for conducted emission measurement.
- g. For the emissions measurement method, certain channel BW modes demonstrate compliance by integrating with the smaller RBW allowed by the rule.
 For example: Where Reference RBW = 1 MHz and a smaller RBW = 100 kHz is used, worst-case integrated BW power = [Max Measured Value (dBm) with RBW = 100 kHz] + $10 \cdot \log(1000/100)$. To compensate for this integration before comparison to the value, the adjusted reference level offset was increase by 10 dB accordingly.
- a. Record the maximum power value test plot.

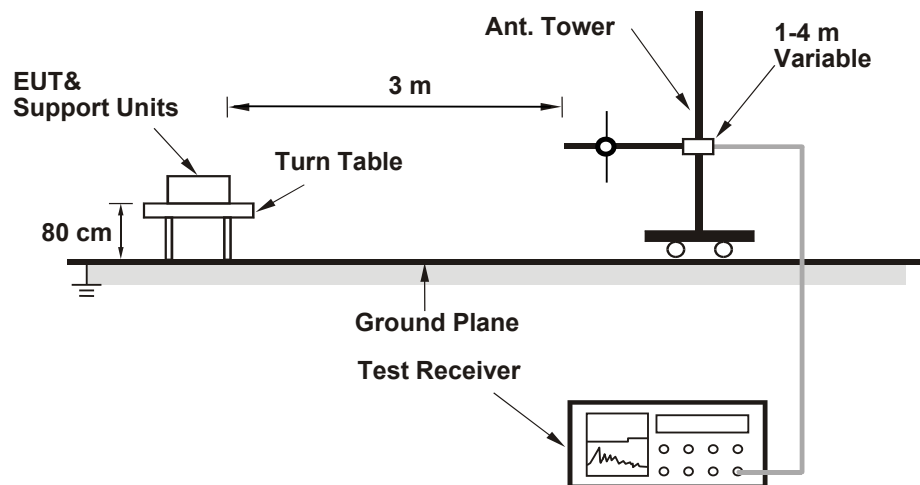
6.6 Radiated Spurious Emissions below 1GHz

6.6.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.6.2 Test Procedure

The EUT is configured to set data modulation and maximum power using WWAN technology.

- a. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- d. Following ANSI C63.26 section 5.5 and 5.2.7
- e. $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
- f. $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

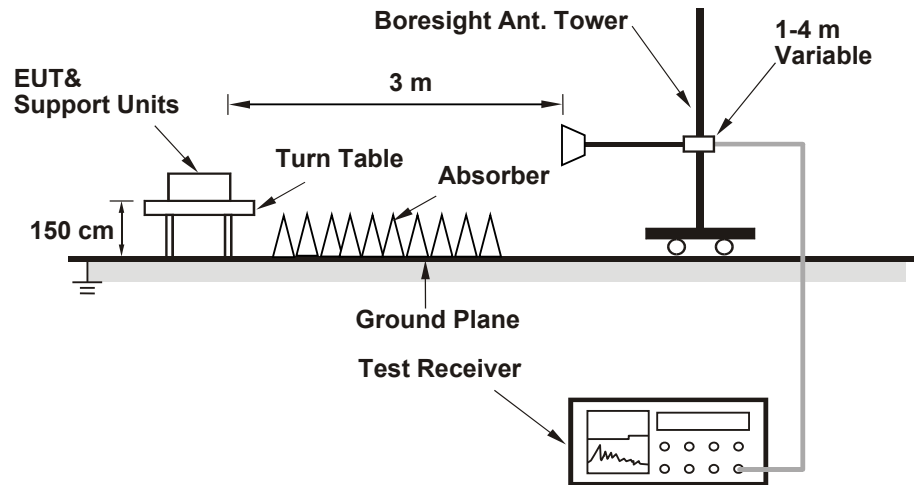
Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.
2. The amplitude of spurious emissions in the range 9 kHz to 30 MHz which are attenuated more than 20 dB below the permissible value need not be reported.

6.7 Radiated Spurious Emissions above 1GHz

6.7.1 Test Setup

For radiated emission above 1 GHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.7.2 Test Procedure

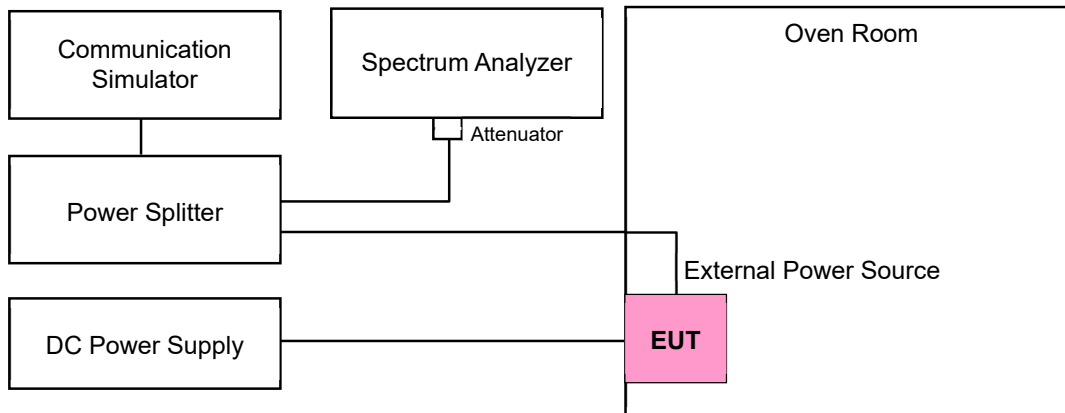
The EUT is configured to set data modulation and maximum power using WWAN technology.

- In the semi-anechoic chamber, EUT placed on the 1.5 m height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- Following ANSI C63.26 section 5.5 and 5.2.7
- $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
- $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

Note: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.

6.8 Frequency Stability

6.8.1 Test Setup



6.8.2 Test Procedure

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology.

- Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
- EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
- The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the $\pm 0.5^{\circ}\text{C}$ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

Note: The frequency error was recorded frequency error from the communication simulator.

7 Test Results of Test Item

7.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Input Power:	3.85 Vdc	Environmental Conditions:	23°C, 62% RH	Tested By:	Charles Hsiao
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7.1.1 LTE Band 2

LTE Band 2, Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 18607	CH 18900	CH 19193
			1850.7 MHz	1880 MHz	1909.3 MHz
QPSK	1	0	23.62	23.68	23.53
	1	2	23.71	23.77	23.61
	1	5	23.51	23.65	23.59
	3	0	22.63	22.61	22.56
	3	1	22.74	22.78	22.77
	3	3	22.77	22.79	22.70
	6	0	22.65	22.70	22.63
16QAM	1	0	22.55	22.70	22.53
	1	2	22.73	22.82	22.71
	1	5	22.50	22.57	22.57
	3	0	21.51	21.63	21.56
	3	1	21.77	21.70	21.76
	3	3	21.80	21.77	21.80
	6	0	21.50	21.73	21.66
64QAM	1	0	21.51	21.63	21.55
	1	2	21.55	21.75	21.63
	1	5	21.50	21.60	21.56
	3	0	20.54	20.54	20.58
	3	1	20.57	20.65	20.67
	3	3	20.57	20.69	20.53
	6	0	20.59	20.54	20.54
256QAM	1	0	18.54	18.74	18.51
	1	2	18.65	18.86	18.69
	1	5	18.53	18.61	18.55
	3	0	18.80	18.91	18.79
	3	1	18.84	19.00	18.90
	3	3	18.94	19.03	18.92
	6	0	18.89	18.90	18.80

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.56	23.77	23.82	25.03	33.01
16QAM	21.50	22.82	22.76	24.08	33.01
64QAM	20.53	21.75	21.79	23.01	33.01
256QAM	18.51	19.03	19.77	20.29	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 2, Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 18615	CH 18900	CH 19185
			1851.5 MHz	1880 MHz	1908.5 MHz
QPSK	1	0	23.58	23.65	23.63
	1	7	23.72	23.72	23.72
	1	14	23.54	23.64	23.52
	8	0	22.57	22.64	22.60
	8	3	22.75	22.77	22.75
	8	7	22.84	22.78	22.82
	15	0	22.66	22.80	22.62
16QAM	1	0	22.59	22.70	22.65
	1	7	22.67	22.74	22.64
	1	14	22.54	22.67	22.57
	8	0	21.57	21.50	21.66
	8	3	21.54	21.72	21.74
	8	7	21.77	21.94	21.77
	15	0	21.70	21.83	21.66
64QAM	1	0	21.58	21.66	21.58
	1	7	21.58	21.70	21.56
	1	14	21.50	21.63	21.57
	8	0	20.57	20.54	20.59
	8	3	20.66	20.69	20.71
	8	7	20.50	20.67	20.62
	15	0	20.62	20.57	20.54
256QAM	1	0	18.62	18.72	18.55
	1	7	18.64	18.84	18.69
	1	14	18.53	18.87	18.58
	8	0	18.85	18.86	18.75
	8	3	18.83	18.93	18.98
	8	7	18.87	19.01	19.05
	15	0	18.85	18.90	18.76

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.57	23.72	23.83	24.98	33.01
16QAM	21.50	22.74	22.76	24	33.01
64QAM	20.50	21.70	21.76	22.96	33.01
256QAM	18.53	19.05	19.79	20.31	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 2, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 18625	CH 18900	CH 19175
			1852.5 MHz	1880 MHz	1907.5 MHz
QPSK	1	0	23.50	23.61	23.63
	1	12	23.66	23.74	23.59
	1	24	23.54	23.64	23.58
	12	0	22.54	22.69	22.52
	12	6	22.65	22.86	22.63
	12	13	22.68	22.89	22.81
	25	0	22.71	22.66	22.63
16QAM	1	0	22.58	22.60	22.53
	1	12	22.53	22.62	22.69
	1	24	22.59	22.60	22.57
	12	0	21.65	21.75	21.57
	12	6	21.84	21.75	21.63
	12	13	21.75	21.89	21.82
	25	0	21.65	21.59	21.68
64QAM	1	0	21.54	21.63	21.51
	1	12	21.58	21.74	21.50
	1	24	21.58	21.75	21.64
	12	0	20.52	20.55	20.50
	12	6	20.50	20.66	20.56
	12	13	20.52	20.77	20.63
	25	0	20.58	20.62	20.67
256QAM	1	0	18.50	18.70	18.74
	1	12	18.61	18.82	18.66
	1	24	18.45	18.67	18.54
	12	0	18.95	18.87	18.87
	12	6	18.89	18.90	18.83
	12	13	18.87	19.03	18.95
	25	0	18.91	19.03	18.84

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.52	23.74	23.78	25	33.01
16QAM	21.57	22.69	22.83	23.95	33.01
64QAM	20.50	21.75	21.76	23.01	33.01
256QAM	18.45	19.03	19.71	20.29	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 2, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 18650	CH 18900	CH 19150
			1855 MHz	1880 MHz	1905 MHz
QPSK	1	0	23.60	23.65	23.58
	1	24	23.56	23.82	23.60
	1	49	23.52	23.60	23.55
	25	0	22.50	22.64	22.52
	25	12	22.65	22.71	22.75
	25	25	22.71	22.80	22.71
	50	0	22.65	22.68	22.72
16QAM	1	0	22.52	22.65	22.53
	1	24	22.56	22.65	22.62
	1	49	22.51	22.55	22.53
	25	0	21.54	21.59	21.55
	25	12	21.68	21.86	21.61
	25	25	21.63	21.69	21.80
	50	0	21.57	21.62	21.67
64QAM	1	0	21.51	21.68	21.56
	1	24	21.57	21.84	21.52
	1	49	21.58	21.72	21.57
	25	0	20.58	20.65	20.52
	25	12	20.65	20.59	20.58
	25	25	20.59	20.68	20.67
	50	0	20.53	20.65	20.53
256QAM	1	0	18.54	18.61	18.59
	1	24	18.64	18.82	18.76
	1	49	18.55	18.67	18.60
	25	0	18.78	18.89	18.79
	25	12	18.90	18.87	18.90
	25	25	18.90	19.09	18.92
	50	0	18.86	18.99	18.91

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.50	23.82	23.76	25.08	33.01
16QAM	21.54	22.65	22.8	23.91	33.01
64QAM	20.52	21.84	21.78	23.1	33.01
256QAM	18.54	19.09	19.8	20.35	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 2, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 18675	CH 18900	CH 19125
			1857.5 MHz	1880 MHz	1902.5 MHz
QPSK	1	0	23.56	23.73	23.56
	1	37	23.69	23.71	23.63
	1	74	23.53	23.66	23.58
	36	0	22.61	22.61	22.50
	36	19	22.62	22.79	22.74
	36	39	22.78	22.79	22.71
	75	0	22.68	22.79	22.66
16QAM	1	0	22.55	22.54	22.60
	1	37	22.56	22.81	22.63
	1	74	22.57	22.81	22.70
	36	0	21.59	21.78	21.66
	36	19	21.61	21.76	21.75
	36	39	21.77	21.85	21.76
	75	0	21.52	21.63	21.57
64QAM	1	0	21.50	21.50	21.50
	1	37	21.53	21.67	21.50
	1	74	21.56	21.86	21.52
	36	0	20.52	20.60	20.56
	36	19	20.57	20.67	20.51
	36	39	20.55	20.74	20.66
	75	0	20.55	20.65	20.46
256QAM	1	0	18.71	18.81	18.75
	1	37	18.69	18.83	18.65
	1	74	18.59	18.76	18.58
	36	0	18.78	18.94	18.72
	36	19	18.87	18.97	18.86
	36	39	18.94	19.06	18.92
	75	0	18.83	18.89	18.97

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.50	23.73	23.76	24.99	33.01
16QAM	21.52	22.81	22.78	24.07	33.01
64QAM	20.46	21.86	21.72	23.12	33.01
256QAM	18.58	19.06	19.84	20.32	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 2, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 18700	CH 18900	CH 19100
			1860 MHz	1880 MHz	1900 MHz
QPSK	1	0	23.65	23.76	23.61
	1	50	23.75	23.85	23.73
	1	99	23.55	23.69	23.55
	50	0	22.58	22.72	22.66
	50	25	22.76	22.86	22.76
	50	50	22.86	22.91	22.82
	100	0	22.75	22.81	22.75
16QAM	1	0	22.57	22.72	22.60
	1	50	22.68	22.80	22.77
	1	99	22.57	22.72	22.60
	50	0	21.55	21.68	21.59
	50	25	21.68	21.77	21.79
	50	50	21.92	21.87	21.86
	100	0	21.80	21.82	21.69
64QAM	1	0	21.54	21.68	21.52
	1	50	21.67	21.70	21.57
	1	99	21.55	21.81	21.51
	50	0	20.52	20.66	20.59
	50	25	20.61	20.69	20.56
	50	50	20.67	20.72	20.69
	100	0	20.61	20.74	20.59
256QAM	1	0	18.76	18.81	18.62
	1	50	18.72	18.91	18.70
	1	99	18.58	18.69	18.66
	50	0	19.00	19.03	19.00
	50	25	19.04	19.06	19.01
	50	50	19.00	19.15	19.02
	100	0	19.09	19.09	19.00

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.58	23.85	23.84	25.11	33.01
16QAM	21.55	22.80	22.81	24.06	33.01
64QAM	20.52	21.81	21.78	23.07	33.01
256QAM	18.58	19.15	19.84	20.41	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.2 LTE Band 4

LTE Band 4, Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 19957	CH 20175	CH 20393
			1710.7 MHz	1732.5 MHz	1754.3 MHz
QPSK	1	0	23.75	23.81	23.58
	1	2	23.88	23.87	23.81
	1	5	23.67	23.82	23.77
	3	0	22.75	22.81	22.68
	3	1	22.87	22.91	22.82
	3	3	22.76	22.93	22.75
	6	0	22.67	22.81	22.77
16QAM	1	0	22.71	22.67	22.64
	1	2	22.88	22.85	22.73
	1	5	22.68	22.73	22.76
	3	0	21.78	21.87	21.73
	3	1	21.73	21.92	21.76
	3	3	21.72	21.97	21.78
	6	0	21.69	21.84	21.75
64QAM	1	0	21.69	21.83	21.73
	1	2	21.78	21.97	21.91
	1	5	21.75	21.87	21.90
	3	0	20.83	20.80	20.87
	3	1	20.83	20.85	20.85
	3	3	20.79	20.94	20.95
	6	0	20.79	20.96	20.71
256QAM	1	0	18.58	18.61	18.51
	1	2	18.56	18.61	18.62
	1	5	18.59	18.71	18.59
	3	0	18.93	18.83	18.78
	3	1	18.62	18.84	18.70
	3	3	18.78	18.91	18.86
	6	0	18.87	18.81	18.74

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.67	23.88	23.81	25.02	30
16QAM	21.69	22.88	22.83	24.02	30
64QAM	20.71	21.97	21.85	23.11	30
256QAM	18.51	18.93	19.65	20.07	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 4, Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 19965	CH 20175	CH 20385
			1711.5 MHz	1732.5 MHz	1753.5 MHz
QPSK	1	0	23.76	23.80	23.69
	1	7	23.72	23.98	23.80
	1	14	23.60	23.85	23.61
	8	0	22.64	22.76	22.66
	8	3	22.75	22.80	22.73
	8	7	22.83	22.88	22.70
	15	0	22.71	22.87	22.79
16QAM	1	0	22.72	22.69	22.68
	1	7	22.65	22.95	22.85
	1	14	22.71	22.77	22.72
	8	0	21.68	21.76	21.66
	8	3	21.79	21.90	21.67
	8	7	21.77	21.87	21.78
	15	0	21.61	21.86	21.75
64QAM	1	0	21.73	21.92	21.68
	1	7	21.89	21.96	21.97
	1	14	21.83	21.90	21.85
	8	0	20.72	21.01	20.82
	8	3	20.81	20.96	20.73
	8	7	20.92	21.00	20.99
	15	0	20.80	20.94	20.94
256QAM	1	0	18.67	18.68	18.59
	1	7	18.57	18.59	18.56
	1	14	18.51	18.67	18.52
	8	0	18.80	18.88	18.78
	8	3	18.78	18.78	18.82
	8	7	18.80	18.91	18.89
	15	0	18.77	18.91	18.84

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.64	23.98	23.78	25.12	30
16QAM	21.61	22.95	22.75	24.09	30
64QAM	20.72	21.97	21.86	23.11	30
256QAM	18.51	18.91	19.65	20.05	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 4, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 19975	CH 20175	CH 20375
			1712.5 MHz	1732.5 MHz	1752.5 MHz
QPSK	1	0	23.57	23.78	23.66
	1	12	23.90	23.98	23.92
	1	24	23.68	23.73	23.69
	12	0	22.76	22.90	22.75
	12	6	22.66	22.92	22.68
	12	13	22.77	22.95	22.88
	25	0	22.82	22.83	22.75
16QAM	1	0	22.59	22.70	22.73
	1	12	22.95	22.88	22.89
	1	24	22.76	22.68	22.60
	12	0	21.65	21.76	21.78
	12	6	21.75	21.83	21.65
	12	13	21.73	21.86	21.76
	25	0	21.71	21.81	21.81
64QAM	1	0	21.70	21.90	21.78
	1	12	21.90	21.99	22.06
	1	24	21.73	21.84	21.82
	12	0	20.74	20.88	20.87
	12	6	20.74	20.90	20.87
	12	13	20.86	20.89	20.95
	25	0	20.79	20.92	20.93
256QAM	1	0	18.58	18.69	18.66
	1	12	18.59	18.61	18.64
	1	24	18.50	18.64	18.50
	12	0	18.74	18.94	18.76
	12	6	18.74	18.83	18.75
	12	13	18.78	18.88	18.86
	25	0	18.89	18.83	18.88

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.66	23.98	23.8	25.12	30
16QAM	21.65	22.95	22.79	24.09	30
64QAM	20.74	22.06	21.88	23.2	30
256QAM	18.50	18.94	19.64	20.08	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 4, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20000	CH 20175	CH 20350
			1715 MHz	1732.5 MHz	1750 MHz
QPSK	1	0	23.57	23.75	23.74
	1	24	23.79	23.95	23.88
	1	49	23.76	23.79	23.70
	25	0	22.73	22.83	22.73
	25	12	22.75	22.79	22.67
	25	25	22.85	22.89	22.73
	50	0	22.67	22.83	22.62
16QAM	1	0	22.67	22.72	22.66
	1	24	22.88	22.98	22.84
	1	49	22.61	22.84	22.79
	25	0	21.77	21.73	21.66
	25	12	21.70	21.78	21.64
	25	25	21.76	21.92	21.67
	50	0	21.75	21.79	21.73
64QAM	1	0	21.67	21.90	21.82
	1	24	21.86	22.13	21.99
	1	49	21.82	21.83	21.79
	25	0	20.79	20.87	20.78
	25	12	20.83	20.95	20.84
	25	25	20.95	21.03	20.96
	50	0	20.72	20.94	20.83
256QAM	1	0	18.59	18.62	18.57
	1	24	18.57	18.66	18.57
	1	49	18.58	18.63	18.53
	25	0	18.91	18.89	18.90
	25	12	18.81	18.81	18.74
	25	25	18.75	18.87	18.84
	50	0	18.79	18.87	18.93

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.62	23.95	23.76	25.09	30
16QAM	21.64	22.98	22.78	24.12	30
64QAM	20.72	22.13	21.86	23.27	30
256QAM	18.53	18.93	19.67	20.07	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 4, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20025	CH 20175	CH 20325
			1717.5 MHz	1732.5 MHz	1747.5 MHz
QPSK	1	0	23.64	23.77	23.70
	1	37	23.93	23.94	23.83
	1	74	23.74	23.78	23.70
	36	0	22.63	22.75	22.75
	36	19	22.77	22.86	22.67
	36	39	22.81	22.97	22.88
	75	0	22.74	22.80	22.75
16QAM	1	0	22.64	22.69	22.69
	1	37	22.85	22.90	22.86
	1	74	22.68	22.81	22.71
	36	0	21.74	21.86	21.72
	36	19	21.73	21.90	21.72
	36	39	21.80	21.91	21.92
	75	0	21.64	21.75	21.60
64QAM	1	0	21.84	21.80	21.66
	1	37	21.96	21.99	21.98
	1	74	21.80	21.84	21.91
	36	0	20.63	20.90	20.90
	36	19	20.91	20.90	20.71
	36	39	20.86	20.87	20.91
	75	0	20.73	20.79	20.78
256QAM	1	0	18.51	18.53	18.53
	1	37	18.58	18.57	18.63
	1	74	18.53	18.56	18.50
	36	0	18.84	18.90	18.85
	36	19	18.81	18.76	18.71
	36	39	18.85	18.94	18.84
	75	0	18.79	18.84	18.71

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.63	23.94	23.77	25.08	30
16QAM	21.60	22.90	22.74	24.04	30
64QAM	20.63	21.99	21.77	23.13	30
256QAM	18.50	18.94	19.64	20.08	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 4, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20050	CH 20175	CH 20300
			1720 MHz	1732.5 MHz	1745 MHz
QPSK	1	0	23.80	23.86	23.81
	1	50	23.94	23.99	23.89
	1	99	23.74	23.88	23.73
	50	0	22.78	22.90	22.75
	50	25	22.80	22.94	22.80
	50	50	22.89	22.99	22.89
	100	0	22.75	22.89	22.83
16QAM	1	0	22.80	22.80	22.80
	1	50	22.95	23.06	22.94
	1	99	22.80	22.81	22.78
	50	0	21.70	21.94	21.76
	50	25	21.84	21.89	21.73
	50	50	21.91	21.90	21.95
	100	0	21.68	21.92	21.75
64QAM	1	0	21.84	21.95	21.80
	1	50	22.01	22.01	21.97
	1	99	21.81	21.93	21.80
	50	0	20.86	20.89	20.86
	50	25	20.83	20.98	20.93
	50	50	20.89	20.99	20.90
	100	0	20.76	20.89	20.95
256QAM	1	0	18.51	18.50	18.57
	1	50	18.61	18.76	18.66
	1	99	18.53	18.51	18.56
	50	0	18.87	19.00	18.91
	50	25	18.84	18.94	18.81
	50	50	18.90	19.01	19.01
	100	0	18.87	18.99	18.93

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.75	23.99	23.89	25.13	30
16QAM	21.68	23.06	22.82	24.2	30
64QAM	20.76	22.01	21.9	23.15	30
256QAM	18.50	19.01	19.64	20.15	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.3 LTE Band 5

LTE Band 5, Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20407	CH 20525	CH 20643
			824.7 MHz	836.5 MHz	848.3 MHz
QPSK	1	0	23.74	23.98	23.91
	1	2	23.87	23.97	23.86
	1	5	23.96	23.93	23.83
	3	0	22.89	22.96	22.80
	3	1	22.84	22.89	23.01
	3	3	22.99	23.01	23.02
	6	0	22.88	23.05	22.84
16QAM	1	0	22.94	23.03	22.83
	1	2	23.00	23.00	23.03
	1	5	23.02	23.00	23.03
	3	0	22.03	21.93	21.89
	3	1	22.02	21.95	22.00
	3	3	22.03	22.01	21.92
	6	0	21.81	21.83	21.83
64QAM	1	0	22.04	22.07	22.07
	1	2	22.03	22.05	21.92
	1	5	22.05	22.01	22.07
	3	0	20.74	20.87	20.89
	3	1	20.97	20.83	20.76
	3	3	20.99	21.05	20.84
	6	0	20.91	21.00	20.80
256QAM	1	0	19.00	18.95	18.87
	1	2	19.03	19.00	19.00
	1	5	19.05	19.03	19.06
	3	0	18.84	18.96	18.92
	3	1	18.93	18.92	18.83
	3	3	19.09	19.06	18.98
	6	0	18.90	18.86	18.75

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.80	23.98	21.77	22.95	38.45
16QAM	21.81	23.03	20.78	22	38.45
64QAM	20.74	22.07	19.71	21.04	38.45
256QAM	18.75	19.09	17.72	18.06	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 5, Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20415	CH 20525	CH 20635
			825.5 MHz	836.5 MHz	847.5 MHz
QPSK	1	0	23.85	23.96	23.81
	1	7	23.92	23.98	23.95
	1	14	23.86	23.95	23.95
	8	0	22.86	22.92	22.89
	8	3	22.87	22.89	22.84
	8	7	23.02	23.10	22.85
	15	0	22.88	22.97	22.88
16QAM	1	0	23.00	22.99	22.82
	1	7	23.01	23.03	23.00
	1	14	23.08	23.00	22.93
	8	0	21.84	22.00	21.82
	8	3	21.87	21.96	21.96
	8	7	22.06	22.00	21.90
	15	0	21.87	21.98	21.89
64QAM	1	0	21.85	22.05	21.86
	1	7	21.99	22.00	22.02
	1	14	22.02	22.10	21.94
	8	0	20.89	20.86	20.83
	8	3	20.84	20.86	20.86
	8	7	21.01	21.00	20.98
	15	0	20.93	20.89	20.75
256QAM	1	0	18.84	18.95	18.94
	1	7	19.04	19.00	18.96
	1	14	19.03	19.09	19.01
	8	0	18.91	18.94	18.85
	8	3	18.75	18.98	18.92
	8	7	18.97	19.08	19.01
	15	0	18.82	18.92	18.96

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.84	23.98	21.81	22.95	38.45
16QAM	21.82	23.08	20.79	22.05	38.45
64QAM	20.75	22.10	19.72	21.07	38.45
256QAM	18.75	19.09	17.72	18.06	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 5, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20425	CH 20525	CH 20625
			826.5 MHz	836.5 MHz	846.5 MHz
QPSK	1	0	23.87	23.94	23.87
	1	12	23.97	23.94	23.93
	1	24	23.87	23.98	23.89
	12	0	22.88	22.99	22.98
	12	6	22.89	22.94	22.85
	12	13	23.03	22.97	22.90
	25	0	22.83	22.98	22.91
16QAM	1	0	23.02	23.04	22.92
	1	12	23.08	23.01	23.07
	1	24	23.03	23.05	22.99
	12	0	21.95	21.93	21.85
	12	6	22.04	22.00	21.95
	12	13	21.97	21.98	21.91
	25	0	21.90	21.94	21.82
64QAM	1	0	22.02	22.06	21.86
	1	12	22.00	22.02	22.01
	1	24	22.05	22.01	22.08
	12	0	20.83	20.84	20.82
	12	6	20.85	20.96	20.87
	12	13	20.87	21.04	20.88
	25	0	20.87	20.94	20.82
256QAM	1	0	18.88	19.01	18.86
	1	12	19.02	19.09	19.09
	1	24	19.03	19.04	19.00
	12	0	18.78	18.97	18.87
	12	6	18.84	18.88	18.80
	12	13	19.00	19.08	19.04
	25	0	18.94	18.97	18.98

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.83	23.98	21.8	22.95	38.45
16QAM	21.82	23.08	20.79	22.05	38.45
64QAM	20.82	22.08	19.79	21.05	38.45
256QAM	18.78	19.09	17.75	18.06	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 5, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20450	CH 20525	CH 20600
			829 MHz	836.5 MHz	844 MHz
QPSK	1	0	23.91	23.97	23.82
	1	24	23.98	23.99	23.95
	1	49	23.97	23.89	23.98
	25	0	23.10	23.10	23.07
	25	12	23.07	23.08	23.07
	25	25	23.17	23.17	23.16
	50	0	23.04	23.10	23.09
16QAM	1	0	23.10	23.13	22.98
	1	24	23.01	23.04	23.02
	1	49	22.98	23.03	23.01
	25	0	22.03	22.02	21.98
	25	12	22.00	22.03	22.02
	25	25	22.07	22.05	22.02
	50	0	21.91	22.03	21.99
64QAM	1	0	22.00	22.04	22.00
	1	24	22.03	22.02	22.01
	1	49	22.08	22.07	22.06
	25	0	20.91	21.02	20.88
	25	12	20.88	21.03	20.89
	25	25	21.02	21.07	21.05
	50	0	21.03	21.06	20.93
256QAM	1	0	19.08	19.08	19.03
	1	24	19.08	19.08	19.03
	1	49	19.08	19.04	19.09
	25	0	18.89	19.04	19.01
	25	12	18.94	19.07	19.05
	25	25	19.03	19.00	19.04
	50	0	19.03	19.04	18.97

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	23.04	23.99	22.01	22.96	38.45
16QAM	21.91	23.13	20.88	22.1	38.45
64QAM	20.88	22.08	19.85	21.05	38.45
256QAM	18.89	19.09	17.86	18.06	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.4 LTE Band 7

LTE Band 7, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20775	CH 21100	CH 21425
			2502.5 MHz	2535 MHz	2567.5 MHz
QPSK	1	0	23.64	23.76	23.65
	1	12	23.53	23.55	23.63
	1	24	23.63	23.75	23.67
	12	0	22.54	22.61	22.65
	12	6	22.59	22.64	22.53
	12	13	22.59	22.58	22.54
	25	0	22.56	22.62	22.58
16QAM	1	0	22.77	22.85	22.85
	1	12	22.71	22.86	22.67
	1	24	22.74	22.86	22.74
	12	0	21.69	21.77	21.66
	12	6	21.82	21.80	21.80
	12	13	21.59	21.64	21.69
	25	0	21.65	21.68	21.74
64QAM	1	0	21.64	21.75	21.65
	1	12	21.66	21.69	21.60
	1	24	21.16	21.19	21.10
	12	0	20.77	20.69	20.60
	12	6	20.64	20.75	20.66
	12	13	20.50	20.68	20.58
	25	0	20.53	20.75	20.60
256QAM	1	0	18.66	18.88	18.62
	1	12	18.57	18.73	18.68
	1	24	18.57	18.69	18.69
	12	0	18.59	18.63	18.53
	12	6	18.63	18.65	18.66
	12	13	18.53	18.63	18.65
	25	0	18.52	18.68	18.50

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.53	23.76	24.11	25.34	33.01
16QAM	21.59	22.86	23.17	24.44	33.01
64QAM	20.50	21.75	22.08	23.33	33.01
256QAM	18.50	18.88	20.08	20.46	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 7, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20800	CH 21100	CH 21400
			2505 MHz	2535 MHz	2565 MHz
QPSK	1	0	23.67	23.74	23.55
	1	24	23.58	23.70	23.54
	1	49	23.61	23.71	23.71
	25	0	22.59	22.58	22.66
	25	12	22.53	22.65	22.55
	25	25	22.59	22.65	22.55
	50	0	22.53	22.57	22.57
16QAM	1	0	22.70	22.93	22.83
	1	24	22.64	22.79	22.89
	1	49	22.71	22.77	22.77
	25	0	21.58	21.79	21.67
	25	12	21.77	21.75	21.66
	25	25	21.53	21.75	21.67
	50	0	21.73	21.71	21.58
64QAM	1	0	21.59	21.77	21.59
	1	24	21.85	21.82	21.67
	1	49	21.69	21.81	21.65
	25	0	20.67	20.70	20.59
	25	12	20.70	20.68	20.62
	25	25	20.55	20.68	20.54
	50	0	20.52	20.70	20.62
256QAM	1	0	18.85	18.85	18.78
	1	24	18.72	18.77	18.72
	1	49	18.69	18.66	18.60
	25	0	18.50	18.59	18.55
	25	12	18.67	18.69	18.65
	25	25	18.60	18.71	18.61
	50	0	18.56	18.54	18.55

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.53	23.74	24.11	25.32	33.01
16QAM	21.53	22.93	23.11	24.51	33.01
64QAM	20.52	21.85	22.1	23.43	33.01
256QAM	18.50	18.85	20.08	20.43	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 7, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20825	CH 21100	CH 21375
			2507.5 MHz	2535 MHz	2562.5 MHz
QPSK	1	0	23.70	23.65	23.64
	1	37	23.56	23.63	23.60
	1	74	23.55	23.51	23.51
	36	0	22.52	22.68	22.51
	36	19	22.53	22.59	22.63
	36	39	22.58	22.68	22.60
	75	0	22.53	22.68	22.53
16QAM	1	0	22.89	22.94	22.89
	1	37	22.68	22.87	22.68
	1	74	22.67	22.84	22.77
	36	0	21.59	21.70	21.59
	36	19	21.64	21.70	21.67
	36	39	21.67	21.75	21.63
	75	0	21.67	21.67	21.55
64QAM	1	0	21.71	21.63	21.70
	1	37	21.76	21.94	21.71
	1	74	21.70	21.75	21.53
	36	0	20.70	20.69	20.70
	36	19	20.66	20.77	20.63
	36	39	20.54	20.58	20.58
	75	0	20.61	20.66	20.63
256QAM	1	0	18.62	18.88	18.79
	1	37	18.64	18.78	18.61
	1	74	18.63	18.63	18.72
	36	0	18.60	18.58	18.62
	36	19	18.72	18.78	18.77
	36	39	18.53	18.62	18.56
	75	0	18.51	18.54	18.53

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.51	23.70	24.09	25.28	33.01
16QAM	21.55	22.94	23.13	24.52	33.01
64QAM	20.54	21.94	22.12	23.52	33.01
256QAM	18.51	18.88	20.09	20.46	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 7, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 20850	CH 21100	CH 21350
			2510 MHz	2535 MHz	2560 MHz
QPSK	1	0	23.71	23.84	23.75
	1	50	23.69	23.75	23.66
	1	99	23.52	23.57	23.52
	50	0	22.69	22.73	22.60
	50	25	22.72	22.73	22.62
	50	50	22.63	22.75	22.67
	100	0	22.62	22.73	22.65
16QAM	1	0	22.88	23.03	22.98
	1	50	22.87	22.97	22.97
	1	99	22.86	22.93	22.87
	50	0	21.80	21.85	21.74
	50	25	21.80	21.89	21.84
	50	50	21.79	21.82	21.71
	100	0	21.69	21.82	21.76
64QAM	1	0	21.67	21.82	21.67
	1	50	21.99	21.99	21.98
	1	99	21.50	21.57	21.50
	50	0	20.81	20.89	20.86
	50	25	20.80	20.86	20.71
	50	50	20.65	20.75	20.73
	100	0	20.79	20.82	20.71
256QAM	1	0	18.92	18.93	18.87
	1	50	18.84	18.85	18.85
	1	99	18.75	18.82	18.72
	50	0	18.60	18.75	18.68
	50	25	18.75	18.83	18.68
	50	50	18.71	18.78	18.75
	100	0	18.72	18.74	18.74

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.60	23.84	24.18	25.42	33.01
16QAM	21.69	23.03	23.27	24.61	33.01
64QAM	20.65	21.99	22.23	23.57	33.01
256QAM	18.60	18.93	20.18	20.51	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.5 LTE Band 12

LTE Band 12, Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23017	CH 23095	CH 23173
			699.7 MHz	707.5 MHz	715.3 MHz
QPSK	1	0	23.65	23.83	23.76
	1	2	23.66	23.64	23.58
	1	5	23.63	23.70	23.62
	3	0	22.71	22.85	22.62
	3	1	22.68	22.83	22.66
	3	3	22.87	22.93	22.82
	6	0	22.90	22.85	22.81
16QAM	1	0	22.62	22.84	22.85
	1	2	22.62	22.74	22.66
	1	5	22.67	22.92	22.73
	3	0	21.56	21.77	21.56
	3	1	21.63	21.85	21.70
	3	3	21.65	21.83	21.81
	6	0	21.79	21.82	21.58
64QAM	1	0	21.78	21.95	21.72
	1	2	21.65	21.65	21.57
	1	5	21.74	21.90	21.82
	3	0	20.53	20.83	20.60
	3	1	20.53	20.83	20.72
	3	3	20.76	20.85	20.77
	6	0	20.79	20.86	20.71
256QAM	1	0	18.71	18.75	18.70
	1	2	18.94	19.09	19.02
	1	5	18.80	18.95	18.80
	3	0	18.78	18.88	18.81
	3	1	18.85	18.89	18.76
	3	3	18.88	19.07	18.84
	6	0	18.80	18.92	19.05

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.62	23.83	20.17	21.38	34.77
16QAM	21.56	22.92	19.11	20.47	34.77
64QAM	20.53	21.95	18.08	19.5	34.77
256QAM	18.70	19.09	16.25	16.64	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 12, Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23025	CH 23095	CH 23165
			700.5 MHz	707.5 MHz	714.5 MHz
QPSK	1	0	23.66	23.84	23.67
	1	7	23.58	23.61	23.59
	1	14	23.68	23.77	23.64
	8	0	22.75	22.74	22.74
	8	3	22.70	22.79	22.82
	8	7	22.75	22.95	22.88
	15	0	22.75	22.90	22.75
16QAM	1	0	22.86	22.82	22.88
	1	7	22.63	22.69	22.64
	1	14	22.90	22.89	22.92
	8	0	21.79	21.82	21.69
	8	3	21.76	21.63	21.67
	8	7	21.71	21.88	21.77
	15	0	21.75	21.71	21.64
64QAM	1	0	21.78	21.80	21.89
	1	7	21.66	21.64	21.65
	1	14	21.81	21.92	21.78
	8	0	20.64	20.63	20.61
	8	3	20.64	20.88	20.85
	8	7	20.68	20.87	20.77
	15	0	20.69	20.79	20.80
256QAM	1	0	18.60	18.74	18.67
	1	7	19.00	19.09	19.08
	1	14	18.93	19.03	18.83
	8	0	18.81	18.96	18.81
	8	3	18.74	18.94	18.74
	8	7	19.00	18.99	18.97
	15	0	18.85	18.99	18.90

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.70	23.84	20.25	21.39	34.77
16QAM	21.63	22.92	19.18	20.47	34.77
64QAM	20.61	21.92	18.16	19.47	34.77
256QAM	18.60	19.09	16.15	16.64	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 12, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23035	CH 23095	CH 23155
			701.5 MHz	707.5 MHz	713.5 MHz
QPSK	1	0	23.65	23.83	23.76
	1	12	23.66	23.64	23.60
	1	24	23.63	23.70	23.62
	12	0	22.77	22.79	22.75
	12	6	22.81	22.82	22.80
	12	13	22.77	22.97	22.77
	25	0	22.87	22.86	22.87
16QAM	1	0	22.77	22.92	22.91
	1	12	22.72	22.86	22.73
	1	24	22.77	22.83	22.85
	12	0	21.59	21.58	21.54
	12	6	21.55	21.79	21.64
	12	13	21.78	21.83	21.54
	25	0	21.83	21.82	21.73
64QAM	1	0	21.77	21.83	21.75
	1	12	21.66	21.78	21.65
	1	24	21.63	21.95	21.76
	12	0	20.68	20.64	20.62
	12	6	20.57	20.69	20.72
	12	13	20.73	20.89	20.81
	25	0	20.66	20.79	20.77
256QAM	1	0	18.64	18.83	18.68
	1	12	18.98	19.06	19.09
	1	24	18.95	19.06	18.88
	12	0	18.80	18.97	18.87
	12	6	18.84	18.97	18.92
	12	13	18.98	18.97	18.96
	25	0	19.00	18.97	18.94

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.75	23.83	20.3	21.38	34.77
16QAM	21.54	22.92	19.09	20.47	34.77
64QAM	20.57	21.95	18.12	19.5	34.77
256QAM	18.64	19.09	16.19	16.64	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 12, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23060	CH 23095	CH 23130
			704 MHz	707.5 MHz	711 MHz
QPSK	1	0	23.78	23.84	23.71
	1	24	23.61	23.72	23.59
	1	49	23.76	23.85	23.78
	25	0	22.75	22.87	22.80
	25	12	22.86	22.94	22.83
	25	25	22.88	23.01	22.86
	50	0	22.92	23.00	22.86
16QAM	1	0	22.94	23.01	22.78
	1	24	22.71	22.90	22.77
	1	49	22.85	22.92	22.94
	25	0	21.73	21.74	21.74
	25	12	21.72	21.80	21.75
	25	25	21.82	21.97	21.69
	50	0	21.87	21.98	21.70
64QAM	1	0	21.87	21.95	21.77
	1	24	21.66	21.83	21.64
	1	49	21.87	21.98	21.93
	25	0	20.70	20.82	20.73
	25	12	20.78	20.84	20.80
	25	25	20.70	20.96	20.68
	50	0	20.74	20.93	20.70
256QAM	1	0	18.84	18.88	18.85
	1	24	19.03	19.06	19.01
	1	49	18.99	19.01	18.96
	25	0	18.95	19.03	19.01
	25	12	18.95	19.05	19.02
	25	25	19.00	19.04	19.02
	50	0	19.07	19.02	19.01

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.75	23.85	20.3	21.4	34.77
16QAM	21.69	23.01	19.24	20.56	34.77
64QAM	20.68	21.98	18.23	19.53	34.77
256QAM	18.84	19.07	16.39	16.62	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.6 LTE Band 13

LTE Band 13, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23205	CH 23230	CH 23255
			779.5 MHz	782 MHz	784.5 MHz
QPSK	1	0	23.81	23.78	23.66
	1	12	23.80	23.78	23.73
	1	24	23.65	23.74	23.62
	12	0	22.73	22.79	22.80
	12	6	22.68	22.75	22.75
	12	13	22.74	22.84	22.76
	25	0	22.83	22.91	22.77
16QAM	1	0	22.86	22.81	22.74
	1	12	22.91	22.95	22.92
	1	24	22.86	22.85	22.76
	12	0	21.86	21.76	21.76
	12	6	21.87	21.83	21.75
	12	13	21.75	21.80	21.79
	25	0	21.89	21.90	21.77
64QAM	1	0	21.74	21.94	21.79
	1	12	21.76	21.94	21.91
	1	24	21.90	21.87	21.86
	12	0	20.76	20.86	20.64
	12	6	20.78	20.76	20.72
	12	13	20.67	20.81	20.78
	25	0	20.72	20.92	20.68
256QAM	1	0	18.62	18.78	18.63
	1	12	18.76	18.79	18.79
	1	24	18.79	18.72	18.72
	12	0	18.74	18.74	18.69
	12	6	18.85	18.90	18.72
	12	13	18.78	18.82	18.60
	25	0	18.80	18.99	18.93

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.68	23.81	20.45	21.58	34.77
16QAM	21.75	22.95	19.52	20.72	34.77
64QAM	20.64	21.94	18.41	19.71	34.77
256QAM	18.60	18.99	16.37	16.76	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 13, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 23230
			782 MHz
QPSK	1	0	23.87
	1	24	23.95
	1	49	23.88
	25	0	22.88
	25	12	22.94
	25	25	22.91
	50	0	23.02
16QAM	1	0	22.96
	1	24	23.01
	1	49	22.99
	25	0	21.94
	25	12	22.00
	25	25	21.97
	50	0	22.02
64QAM	1	0	22.09
	1	24	22.04
	1	49	22.07
	25	0	20.91
	25	12	20.96
	25	25	20.90
	50	0	20.97
256QAM	1	0	18.84
	1	24	18.98
	1	49	18.91
	25	0	18.91
	25	12	18.98
	25	25	18.90
	50	0	19.08

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.88	23.95	20.65	21.72	34.77
16QAM	21.94	23.01	19.71	20.78	34.77
64QAM	20.90	22.09	18.67	19.86	34.77
256QAM	18.84	19.08	16.61	16.85	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.7 LTE Band 14

LTE Band 14, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23305	CH 23330	CH 23355
			790.5 MHz	793 MHz	795.5 MHz
QPSK	1	0	23.66	23.81	23.74
	1	12	23.55	23.65	23.58
	1	24	23.54	23.65	23.53
	12	0	22.67	22.73	22.84
	12	6	22.51	22.80	22.75
	12	13	22.65	22.59	22.55
	25	0	22.80	22.73	22.74
16QAM	1	0	23.01	23.01	22.88
	1	12	22.86	22.86	22.88
	1	24	22.75	22.75	22.78
	12	0	21.52	21.73	21.66
	12	6	21.78	21.82	21.73
	12	13	21.60	21.58	21.65
	25	0	21.62	21.78	21.55
64QAM	1	0	21.73	21.78	21.91
	1	12	21.81	21.91	21.76
	1	24	21.69	21.83	21.72
	12	0	20.62	20.83	20.71
	12	6	20.79	20.74	20.72
	12	13	20.51	20.60	20.62
	25	0	20.55	20.71	20.69
256QAM	1	0	18.87	18.90	18.65
	1	12	18.80	18.86	18.72
	1	24	18.52	18.57	18.56
	12	0	18.66	18.81	18.77
	12	6	18.53	18.76	18.59
	12	13	18.57	18.55	18.53
	25	0	18.59	18.73	18.79

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.51	23.81	20.28	21.58	34.77
16QAM	21.52	23.01	19.29	20.78	34.77
64QAM	20.51	21.91	18.28	19.68	34.77
256QAM	18.52	18.90	16.29	16.67	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 14, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 23330
			793 MHz
QPSK	1	0	23.90
	1	24	23.70
	1	49	23.70
	25	0	22.92
	25	12	22.85
	25	25	22.73
	50	0	22.91
16QAM	1	0	23.06
	1	24	23.06
	1	49	22.92
	25	0	21.85
	25	12	21.92
	25	25	21.77
	50	0	21.86
64QAM	1	0	21.98
	1	24	22.08
	1	49	21.90
	25	0	20.91
	25	12	20.94
	25	25	20.76
	50	0	20.89
256QAM	1	0	18.95
	1	24	18.99
	1	49	18.65
	25	0	18.97
	25	12	18.81
	25	25	18.70
	50	0	18.86

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.73	23.90	20.5	21.67	34.77
16QAM	21.77	23.06	19.54	20.83	34.77
64QAM	20.76	22.08	18.53	19.85	34.77
256QAM	18.65	18.99	16.42	16.76	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.8 LTE Band 17

LTE Band 17, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23755	CH 23790	CH 23825
			706.5 MHz	710 MHz	713.5 MHz
QPSK	1	0	23.63	23.64	23.62
	1	12	23.81	23.82	23.78
	1	24	23.90	23.87	23.77
	12	0	22.52	22.73	22.57
	12	6	22.70	22.77	22.62
	12	13	22.69	22.90	22.74
	25	0	22.65	22.74	22.70
16QAM	1	0	22.80	22.81	22.72
	1	12	22.92	22.90	22.80
	1	24	22.84	22.93	22.89
	12	0	21.68	21.71	21.65
	12	6	21.76	21.83	21.75
	12	13	21.69	21.91	21.82
	25	0	21.66	21.69	21.59
64QAM	1	0	21.62	21.60	21.71
	1	12	21.87	22.05	21.90
	1	24	22.08	22.01	21.87
	12	0	20.70	20.74	20.67
	12	6	20.61	20.77	20.68
	12	13	20.85	20.76	20.86
	25	0	20.86	20.87	20.78
256QAM	1	0	18.57	18.66	18.53
	1	12	18.86	18.92	18.81
	1	24	18.76	19.00	19.00
	12	0	18.56	18.64	18.53
	12	6	18.75	18.69	18.68
	12	13	18.80	18.83	18.74
	25	0	18.70	18.79	18.65

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.52	23.90	20.07	21.45	34.77
16QAM	21.59	22.93	19.14	20.48	34.77
64QAM	20.61	22.08	18.16	19.63	34.77
256QAM	18.53	19.00	16.08	16.55	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 17, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 23780	CH 23790	CH 23800
			709 MHz	710 MHz	711 MHz
QPSK	1	0	23.74	23.77	23.66
	1	24	23.87	23.91	23.81
	1	49	23.91	23.99	23.98
	25	0	22.76	22.81	22.73
	25	12	22.76	22.90	22.81
	25	25	22.86	22.95	22.85
	50	0	22.76	22.83	22.73
16QAM	1	0	22.88	22.88	22.77
	1	24	22.91	23.03	22.88
	1	49	23.01	23.04	23.01
	25	0	21.73	21.79	21.73
	25	12	21.80	21.88	21.82
	25	25	21.91	22.01	21.88
	50	0	21.77	21.86	21.76
64QAM	1	0	21.66	21.80	21.78
	1	24	22.00	22.02	22.02
	1	49	22.06	22.09	22.07
	25	0	20.67	20.80	20.73
	25	12	20.84	20.89	20.88
	25	25	20.89	20.94	20.80
	50	0	20.89	20.95	20.89
256QAM	1	0	18.65	18.71	18.69
	1	24	19.07	19.09	19.06
	1	49	19.00	19.05	18.97
	25	0	18.62	18.77	18.77
	25	12	18.80	18.84	18.70
	25	25	18.90	18.90	18.76
	50	0	18.76	18.90	18.90

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.73	23.99	20.28	21.54	34.77
16QAM	21.73	23.04	19.28	20.59	34.77
64QAM	20.67	22.09	18.22	19.64	34.77
256QAM	18.62	19.09	16.17	16.64	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.9 LTE Band 25

LTE Band 25, Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26047	CH 26365	CH 26683
			1850.7 MHz	1882.5 MHz	1914.3 MHz
QPSK	1	0	23.91	23.86	23.87
	1	2	23.91	23.97	23.88
	1	5	23.84	23.96	23.87
	3	0	22.81	22.71	22.68
	3	1	22.74	22.89	22.76
	3	3	22.99	22.99	22.74
	6	0	22.75	22.87	22.66
16QAM	1	0	22.90	22.92	22.93
	1	2	22.99	23.09	22.91
	1	5	23.04	22.92	22.81
	3	0	21.77	21.76	21.66
	3	1	21.85	21.93	21.72
	3	3	21.83	21.99	21.85
	6	0	21.83	21.88	21.78
64QAM	1	0	21.94	21.89	21.96
	1	2	22.05	22.05	22.02
	1	5	21.83	22.00	21.92
	3	0	20.69	20.70	20.72
	3	1	20.81	20.95	20.71
	3	3	20.81	20.98	20.82
	6	0	20.79	20.84	20.66
256QAM	1	0	18.69	18.82	18.82
	1	2	19.04	19.06	18.95
	1	5	18.80	18.90	18.84
	3	0	18.79	18.82	18.75
	3	1	18.70	18.81	18.78
	3	3	18.84	19.01	18.99
	6	0	18.74	18.78	18.58

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.66	23.97	23.92	25.23	33.01
16QAM	21.66	23.09	22.92	24.35	33.01
64QAM	20.66	22.05	21.92	23.31	33.01
256QAM	18.58	19.06	19.84	20.32	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 25, Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26055	CH 26365	CH 26675
			1851.5 MHz	1882.5 MHz	1913.5 MHz
QPSK	1	0	23.75	23.91	23.83
	1	7	23.87	23.96	23.87
	1	14	23.85	23.95	23.82
	8	0	22.60	22.73	22.58
	8	3	22.67	22.81	22.78
	8	7	22.87	23.01	22.88
	15	0	22.75	22.80	22.85
16QAM	1	0	22.80	22.86	22.86
	1	7	22.98	23.07	23.01
	1	14	22.89	23.03	22.99
	8	0	21.75	21.82	21.78
	8	3	21.79	21.95	21.80
	8	7	21.76	21.99	21.83
	15	0	21.71	21.84	21.87
64QAM	1	0	22.02	21.94	21.87
	1	7	22.03	22.09	22.09
	1	14	21.83	22.06	21.95
	8	0	20.57	20.80	20.62
	8	3	20.76	20.89	20.89
	8	7	20.95	20.96	20.86
	15	0	20.83	20.87	20.71
256QAM	1	0	18.78	18.96	18.73
	1	7	18.92	19.03	19.01
	1	14	18.92	18.98	18.80
	8	0	18.83	18.91	18.73
	8	3	18.74	18.91	18.77
	8	7	18.86	18.92	18.77
	15	0	18.70	18.76	18.76

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.58	23.96	23.84	25.22	33.01
16QAM	21.71	23.07	22.97	24.33	33.01
64QAM	20.57	22.09	21.83	23.35	33.01
256QAM	18.70	19.03	19.96	20.29	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 25, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26065	CH 26365	CH 26665
			1852.5 MHz	1882.5 MHz	1912.5 MHz
QPSK	1	0	23.93	23.83	23.76
	1	12	23.84	23.94	23.89
	1	24	23.93	23.87	23.88
	12	0	22.64	22.83	22.72
	12	6	22.82	22.81	22.69
	12	13	22.94	22.90	22.77
	25	0	22.72	22.87	22.69
16QAM	1	0	22.78	22.88	22.87
	1	12	23.05	23.07	22.90
	1	24	22.96	23.00	22.90
	12	0	21.70	21.87	21.65
	12	6	21.72	21.95	21.81
	12	13	21.84	21.86	21.74
	25	0	21.82	21.85	21.74
64QAM	1	0	21.84	21.96	21.87
	1	12	21.96	22.01	21.94
	1	24	21.79	21.95	21.91
	12	0	20.81	20.77	20.63
	12	6	20.87	20.83	20.79
	12	13	20.76	20.99	20.78
	25	0	20.77	20.74	20.73
256QAM	1	0	18.78	18.97	18.77
	1	12	19.08	19.05	19.02
	1	24	18.77	18.99	18.80
	12	0	18.65	18.86	18.71
	12	6	18.89	18.82	18.72
	12	13	18.80	18.95	18.88
	25	0	18.65	18.79	18.71

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.64	23.94	23.9	25.2	33.01
16QAM	21.65	23.07	22.91	24.33	33.01
64QAM	20.63	22.01	21.89	23.27	33.01
256QAM	18.65	19.08	19.91	20.34	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 25, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26090	CH 26365	CH 26640
			1855 MHz	1882.5 MHz	1910 MHz
QPSK	1	0	23.76	23.89	23.80
	1	24	23.91	23.97	23.93
	1	49	23.89	23.96	23.74
	25	0	22.69	22.79	22.63
	25	12	22.64	22.79	22.69
	25	25	22.87	22.97	22.85
	50	0	22.83	22.87	22.77
16QAM	1	0	22.77	22.90	22.91
	1	24	22.94	23.02	22.97
	1	49	22.83	22.98	22.85
	25	0	21.65	21.90	21.81
	25	12	21.83	21.84	21.82
	25	25	21.80	21.88	21.94
	50	0	21.72	21.82	21.72
64QAM	1	0	21.94	21.97	21.88
	1	24	21.93	22.06	22.05
	1	49	22.05	21.94	21.90
	25	0	20.81	20.76	20.63
	25	12	20.69	20.95	20.86
	25	25	20.75	20.96	20.80
	50	0	20.87	20.83	20.64
256QAM	1	0	18.88	18.85	18.82
	1	24	18.95	19.05	19.08
	1	49	18.92	18.97	18.82
	25	0	18.79	18.91	18.80
	25	12	18.83	18.88	18.86
	25	25	18.80	18.86	18.79
	50	0	18.71	18.82	18.83

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.63	23.97	23.89	25.23	33.01
16QAM	21.65	23.02	22.91	24.28	33.01
64QAM	20.63	22.06	21.89	23.32	33.01
256QAM	18.71	19.08	19.97	20.34	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 25, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26115	CH 26365	CH 26615
			1857.5 MHz	1882.5 MHz	1907.5 MHz
QPSK	1	0	23.85	23.85	23.96
	1	37	23.88	23.98	23.93
	1	74	23.81	23.97	23.85
	36	0	22.67	22.77	22.73
	36	19	22.73	22.92	22.67
	36	39	22.78	23.01	22.90
	75	0	22.88	22.79	22.87
16QAM	1	0	22.82	22.97	22.87
	1	37	22.95	23.02	23.00
	1	74	22.93	23.07	22.93
	36	0	21.75	21.75	21.68
	36	19	21.93	21.96	21.94
	36	39	21.76	21.90	21.84
	75	0	21.93	21.96	21.89
64QAM	1	0	21.85	21.89	21.80
	1	37	22.08	22.03	21.99
	1	74	21.83	21.98	21.92
	36	0	20.63	20.82	20.69
	36	19	20.76	20.93	20.71
	36	39	20.89	20.97	20.79
	75	0	20.73	20.84	20.66
256QAM	1	0	18.82	18.88	18.84
	1	37	18.92	19.04	18.99
	1	74	18.87	18.88	18.81
	36	0	18.87	18.85	18.85
	36	19	18.74	18.91	18.88
	36	39	18.74	18.94	18.84
	75	0	18.67	18.82	18.67

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.67	23.98	23.93	25.24	33.01
16QAM	21.68	23.07	22.94	24.33	33.01
64QAM	20.63	22.08	21.89	23.34	33.01
256QAM	18.67	19.04	19.93	20.3	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 25, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26140	CH 26365	CH 26590
			1860 MHz	1882.5 MHz	1905 MHz
QPSK	1	0	23.95	23.98	23.88
	1	50	23.95	23.99	23.98
	1	99	23.93	23.97	23.94
	50	0	22.86	22.91	22.77
	50	25	22.97	22.97	22.93
	50	50	23.03	23.07	23.06
	100	0	22.86	22.95	22.88
16QAM	1	0	23.00	23.03	22.93
	1	50	23.07	23.07	23.07
	1	99	23.01	23.02	23.00
	50	0	21.81	21.95	21.94
	50	25	21.90	22.02	21.95
	50	50	21.96	22.05	22.00
	100	0	21.88	22.02	21.95
64QAM	1	0	22.03	22.07	22.04
	1	50	22.07	22.01	22.06
	1	99	22.02	22.02	21.99
	50	0	20.77	20.89	20.89
	50	25	21.01	21.01	20.90
	50	50	20.99	21.06	20.92
	100	0	20.79	20.93	20.93
256QAM	1	0	18.97	19.02	19.00
	1	50	19.09	19.06	19.07
	1	99	19.02	19.04	19.03
	50	0	18.89	18.99	18.98
	50	25	18.95	18.98	18.86
	50	50	18.96	19.06	18.95
	100	0	18.76	18.91	18.91

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.77	23.99	24.03	25.25	33.01
16QAM	21.81	23.07	23.07	24.33	33.01
64QAM	20.77	22.07	22.03	23.33	33.01
256QAM	18.76	19.09	20.02	20.35	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.10LTE Band 26 (814 MHz ~ 824 MHz)

LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26697	CH 26740	CH 26783
			814.7 MHz	819 MHz	823.3 MHz
QPSK	1	0	23.54	23.65	23.58
	1	2	23.54	23.67	23.70
	1	5	23.68	23.64	23.61
	3	0	22.67	22.82	22.71
	3	1	22.73	22.76	22.65
	3	3	22.60	22.79	22.72
	6	0	22.52	22.66	22.56
16QAM	1	0	22.76	22.80	22.83
	1	2	22.85	22.89	22.86
	1	5	22.84	22.84	22.96
	3	0	21.71	21.62	21.66
	3	1	21.62	21.76	21.51
	3	3	21.82	21.90	21.79
	6	0	21.69	21.78	21.57
64QAM	1	0	21.68	21.83	21.61
	1	2	21.90	21.95	21.84
	1	5	21.90	21.86	21.71
	3	0	20.57	20.79	20.63
	3	1	20.64	20.61	20.55
	3	3	20.63	20.71	20.60
	6	0	20.67	20.65	20.57
256QAM	1	0	18.83	18.88	18.72
	1	2	18.85	18.87	18.74
	1	5	18.64	18.76	18.62
	3	0	18.71	18.75	18.80
	3	1	18.62	18.65	18.76
	3	3	18.57	18.78	18.61
	6	0	18.66	18.65	18.62

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.52	23.70	21.49	22.67	50
16QAM	21.51	22.96	20.48	21.93	50
64QAM	20.55	21.95	19.52	20.92	50
256QAM	18.57	18.88	17.54	17.85	50

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26705	CH 26740	CH 26775
			815.5 MHz	819 MHz	822.5 MHz
QPSK	1	0	23.63	23.56	23.54
	1	7	23.61	23.76	23.53
	1	14	23.69	23.70	23.57
	8	0	22.65	22.75	22.67
	8	3	22.58	22.82	22.67
	8	7	22.76	22.78	22.69
	15	0	22.62	22.71	22.62
16QAM	1	0	22.75	22.83	22.76
	1	7	22.89	22.96	22.80
	1	14	22.85	22.82	22.83
	8	0	21.54	21.67	21.70
	8	3	21.58	21.69	21.63
	8	7	21.89	21.91	21.84
	15	0	21.66	21.80	21.59
64QAM	1	0	21.84	21.71	21.71
	1	7	21.83	21.83	21.83
	1	14	21.77	21.88	21.74
	8	0	20.80	20.73	20.70
	8	3	20.55	20.62	20.50
	8	7	20.61	20.71	20.64
	15	0	20.58	20.65	20.52
256QAM	1	0	18.74	18.91	18.76
	1	7	18.81	18.94	18.90
	1	14	18.61	18.68	18.68
	8	0	18.64	18.73	18.71
	8	3	18.71	18.68	18.50
	8	7	18.62	18.74	18.76
	15	0	18.71	18.75	18.76

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.58	23.76	21.55	22.73	50
16QAM	21.54	22.96	20.51	21.93	50
64QAM	20.50	21.88	19.47	20.85	50
256QAM	18.50	18.94	17.47	17.91	50

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26715	CH 26740	CH 26765
			816.5 MHz	819 MHz	821.5 MHz
QPSK	1	0	23.62	23.61	23.54
	1	12	23.67	23.70	23.73
	1	24	23.56	23.72	23.62
	12	0	22.68	22.68	22.63
	12	6	22.62	22.69	22.68
	12	13	22.62	22.79	22.74
	25	0	22.58	22.61	22.60
16QAM	1	0	22.78	22.77	22.66
	1	12	22.84	22.99	22.73
	1	24	22.73	22.97	22.76
	12	0	21.62	21.73	21.69
	12	6	21.67	21.70	21.63
	12	13	21.77	21.83	21.82
	25	0	21.46	21.78	21.77
64QAM	1	0	21.67	21.85	21.79
	1	12	21.77	21.88	21.89
	1	24	21.73	21.87	21.71
	12	0	20.65	20.75	20.72
	12	6	20.57	20.62	20.58
	12	13	20.68	20.71	20.53
	25	0	20.67	20.73	20.57
256QAM	1	0	18.67	18.81	18.72
	1	12	18.83	18.90	18.68
	1	24	18.71	18.71	18.61
	12	0	18.58	18.80	18.75
	12	6	18.72	18.70	18.62
	12	13	18.61	18.72	18.57
	25	0	20.67	20.73	20.57

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.58	23.73	21.55	22.7	50
16QAM	21.46	22.99	20.43	21.96	50
64QAM	20.53	21.89	19.5	20.86	50
256QAM	18.57	20.73	17.54	19.7	50

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 26740
			819 MHz
QPSK	1	0	23.57
	1	24	23.80
	1	49	23.71
	25	0	22.86
	25	12	22.79
	25	25	22.79
	50	0	22.77
16QAM	1	0	22.86
	1	24	23.00
	1	49	22.88
	25	0	21.75
	25	12	21.75
	25	25	21.94
	50	0	21.74
64QAM	1	0	21.89
	1	24	22.01
	1	49	21.84
	25	0	20.87
	25	12	20.67
	25	25	20.82
	50	0	20.75
256QAM	1	0	18.82
	1	24	18.93
	1	49	18.68
	25	0	18.84
	25	12	18.71
	25	25	18.76
	50	0	18.79

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.77	23.80	21.74	22.77	50
16QAM	21.74	23.00	20.71	21.97	50
64QAM	20.67	22.01	19.64	20.98	50
256QAM	18.68	18.93	17.65	17.9	50

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.11LTE Band 26 (824 MHz ~ 849 MHz)

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26797	CH 26915	CH 27033
			824.7 MHz	836.5 MHz	848.3 MHz
QPSK	1	0	23.55	23.75	23.67
	1	2	23.64	23.61	23.55
	1	5	23.65	23.69	23.60
	3	0	22.65	22.73	22.68
	3	1	22.63	22.70	22.70
	3	3	22.68	22.69	22.55
	6	0	22.74	22.76	22.57
16QAM	1	0	22.81	22.81	22.79
	1	2	22.82	22.93	22.85
	1	5	22.87	22.89	22.91
	3	0	21.70	21.72	21.66
	3	1	21.63	21.76	21.58
	3	3	21.79	21.89	21.75
	6	0	21.54	21.67	21.55
64QAM	1	0	21.55	21.75	21.70
	1	2	21.88	21.93	21.82
	1	5	21.73	21.85	21.86
	3	0	20.59	20.71	20.76
	3	1	20.64	20.63	20.60
	3	3	20.53	20.74	20.55
	6	0	20.60	20.71	20.72
256QAM	1	0	18.85	18.81	18.75
	1	2	18.83	18.89	18.83
	1	5	18.73	18.61	18.63
	3	0	18.79	18.77	18.63
	3	1	18.60	18.64	18.56
	3	3	18.66	18.79	18.69
	6	0	18.70	18.67	18.72

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.55	23.75	21.52	22.72	38.45
16QAM	21.54	22.93	20.51	21.9	38.45
64QAM	20.53	21.93	19.5	20.9	38.45
256QAM	18.56	18.89	17.53	17.86	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26805	CH 26915	CH 27025
			825.5 MHz	836.5 MHz	847.5 MHz
QPSK	1	0	23.59	23.69	23.56
	1	7	23.74	23.75	23.65
	1	14	23.61	23.67	23.52
	8	0	22.81	22.80	22.59
	8	3	22.72	22.75	22.59
	8	7	22.69	22.72	22.79
	15	0	22.63	22.75	22.69
16QAM	1	0	22.75	22.76	22.65
	1	7	22.83	22.85	22.75
	1	14	22.82	22.90	22.72
	8	0	21.57	21.72	21.54
	8	3	21.60	21.69	21.53
	8	7	21.68	21.85	21.85
	15	0	21.58	21.75	21.68
64QAM	1	0	21.61	21.70	21.81
	1	7	21.80	21.84	21.83
	1	14	21.90	21.92	21.83
	8	0	20.65	20.71	20.69
	8	3	20.50	20.58	20.59
	8	7	20.64	20.72	20.60
	15	0	20.58	20.73	20.57
256QAM	1	0	18.83	18.86	18.80
	1	7	18.80	18.89	18.76
	1	14	18.59	18.76	18.62
	8	0	18.59	18.77	18.75
	8	3	18.62	18.77	18.72
	8	7	18.71	18.76	18.82
	15	0	18.71	18.79	18.63

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.59	23.75	21.56	22.72	38.45
16QAM	21.53	22.90	20.5	21.87	38.45
64QAM	20.50	21.92	19.47	20.89	38.45
256QAM	18.59	18.89	17.56	17.86	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26815	CH 26915	CH 27015
			826.5 MHz	836.5 MHz	846.5 MHz
QPSK	1	0	23.56	23.59	23.52
	1	12	23.51	23.70	23.66
	1	24	23.63	23.62	23.69
	12	0	22.53	22.74	22.81
	12	6	22.77	22.74	22.72
	12	13	22.63	22.77	22.67
	25	0	22.58	22.65	22.63
16QAM	1	0	22.75	22.86	22.67
	1	12	22.89	22.85	22.92
	1	24	22.82	22.85	22.78
	12	0	21.63	21.70	21.63
	12	6	21.67	21.71	21.67
	12	13	21.86	21.92	21.67
	25	0	21.56	21.61	21.58
64QAM	1	0	21.76	21.83	21.67
	1	12	21.90	21.98	21.95
	1	24	21.78	21.81	21.75
	12	0	20.71	20.74	20.67
	12	6	20.53	20.71	20.56
	12	13	20.56	20.71	20.68
	25	0	20.57	20.62	20.69
256QAM	1	0	18.72	18.79	18.72
	1	12	18.84	18.91	18.72
	1	24	18.65	18.73	18.67
	12	0	18.60	18.68	18.67
	12	6	18.60	18.73	18.63
	12	13	18.62	18.78	18.61
	25	0	18.73	18.72	18.72

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.53	23.70	21.5	22.67	38.45
16QAM	21.56	22.92	20.53	21.89	38.45
64QAM	20.53	21.98	19.5	20.95	38.45
256QAM	18.60	18.91	17.57	17.88	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26840	CH 26915	CH 26990
			829 MHz	836.5 MHz	844 MHz
QPSK	1	0	23.53	23.64	23.65
	1	24	23.58	23.61	23.62
	1	49	23.56	23.67	23.50
	25	0	22.62	22.67	22.73
	25	12	22.68	22.68	22.67
	25	25	22.68	22.74	22.72
	50	0	22.62	22.66	22.57
16QAM	1	0	22.73	22.88	22.79
	1	24	22.85	22.84	22.86
	1	49	22.82	22.82	22.81
	25	0	21.57	21.65	21.69
	25	12	21.59	21.64	21.66
	25	25	21.55	21.73	21.69
	50	0	21.55	21.73	21.69
64QAM	1	0	21.59	21.70	21.62
	1	24	21.81	21.95	21.79
	1	49	21.67	21.83	21.89
	25	0	20.70	20.81	20.67
	25	12	20.57	20.67	20.71
	25	25	20.68	20.69	20.53
	50	0	20.51	20.72	20.72
256QAM	1	0	18.82	18.77	18.86
	1	24	18.84	18.85	18.82
	1	49	18.59	18.73	18.72
	25	0	18.59	18.73	18.72
	25	12	18.66	18.72	18.62
	25	25	18.79	18.81	18.75
	50	0	18.72	18.71	18.58

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.57	23.67	21.54	22.64	38.45
16QAM	21.45	22.88	20.42	21.85	38.45
64QAM	20.51	21.95	19.48	20.92	38.45
256QAM	18.49	18.86	17.46	17.83	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 26865	CH 26915	CH 26965
			831.5 MHz	836.5 MHz	841.5 MHz
QPSK	1	0	23.51	23.65	23.60
	1	37	23.72	23.81	23.80
	1	74	23.69	23.78	23.74
	36	0	22.73	22.87	22.81
	36	19	22.75	22.88	22.84
	36	39	22.83	22.87	22.84
	75	0	22.66	22.81	22.76
16QAM	1	0	22.89	22.94	22.81
	1	37	22.94	23.04	22.93
	1	74	22.89	23.02	23.02
	36	0	21.69	21.82	21.73
	36	19	21.72	21.81	21.70
	36	39	21.86	21.97	21.91
	75	0	21.74	21.75	21.68
64QAM	1	0	21.88	21.90	21.83
	1	37	22.02	22.03	21.97
	1	74	21.92	21.98	21.97
	36	0	20.79	20.87	20.80
	36	19	20.71	20.76	20.62
	36	39	20.74	20.82	20.68
	75	0	20.77	20.79	20.71
256QAM	1	0	18.95	18.97	18.93
	1	37	18.92	19.02	18.95
	1	74	18.76	18.81	18.81
	36	0	18.84	18.87	18.83
	36	19	18.78	18.84	18.84
	36	39	18.83	18.89	18.88
	75	0	18.79	18.84	18.82

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.66	23.81	21.63	22.78	38.45
16QAM	21.68	23.04	20.65	22.01	38.45
64QAM	20.62	22.03	19.59	21	38.45
256QAM	18.76	19.02	17.73	17.99	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.12LTE Band 30

LTE Band 30, Channel Bandwidth: 5 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBμV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
QPSK	27685	2307.5	118.69	-95.26	220.293	23.43	24
	27710	2310	118.57	-95.26	214.289	23.31	24
	27735	2312.5	118.66	-95.26	218.776	23.4	24
16QAM	27685	2307.5	117.65	-95.26	173.38	22.39	24
	27710	2310	117.82	-95.26	180.302	22.56	24
	27735	2312.5	117.66	-95.26	173.78	22.4	24
64QAM	27685	2307.5	116.65	-95.26	137.721	21.39	24
	27710	2310	116.81	-95.26	142.889	21.55	24
	27735	2312.5	116.68	-95.26	138.676	21.42	24
256QAM	27685	2307.5	114.11	-95.26	76.736	18.85	24
	27710	2310	114.27	-95.26	79.616	19.01	24
	27735	2312.5	114.14	-95.26	77.268	18.88	24

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) = $20\log(D) - 104.8$; where D is the measurement distance at 3 meters.

LTE Band 30, Channel Bandwidth: 10 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBμV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
QPSK	27710	2310	118.83	-95.26	227.51	23.57	24
16QAM	27710	2310	117.87	-95.26	182.39	22.61	24
64QAM	27710	2310	116.86	-95.26	144.544	21.6	24
256QAM	27710	2310	114.32	-95.26	80.538	19.06	24

Notes:

1. EIRP (dBm) = Field Strength (dBμV/m) + Correction Factor (dB)
2. Correction Factor (dB) = $20\log(D) - 104.8$; where D is the measurement distance at 3 meters.

LTE Band 30, Channel Bandwidth: 10 MHz, Output Power: dBm/5 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dB μ V/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
QPSK	27710	2310	118.75	-95.26	223.357	23.49	24
16QAM	27710	2310	117.58	-95.26	170.608	22.32	24
64QAM	27710	2310	116.57	-95.26	135.207	21.31	24
256QAM	27710	2310	114.01	-95.26	74.989	-18.75	24

Notes:

1. EIRP (dBm) = Field Strength (dB μ V/m) + Correction Factor (dB)
2. Correction Factor (dB) = $20\log(D) - 104.8$; where D is the measurement distance at 3 meters.

7.1.13LTE Band 38

LTE Band 38, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 37775	CH 38000	CH 38225
			2572.5 MHz	2595 MHz	2617.5 MHz
QPSK	1	0	23.91	23.82	23.87
	1	12	23.89	23.73	23.87
	1	24	23.85	23.68	23.76
	12	0	22.74	22.51	22.64
	12	6	22.73	22.51	22.60
	12	13	22.59	22.50	22.60
	25	0	22.70	22.58	22.60
16QAM	1	0	22.69	22.53	22.62
	1	12	22.69	22.50	22.62
	1	24	22.59	22.47	22.56
	12	0	21.52	21.40	21.49
	12	6	21.52	21.33	21.49
	12	13	21.46	21.30	21.36
	25	0	21.49	21.32	21.46
64QAM	1	0	21.78	21.68	21.77
	1	12	21.79	21.63	21.71
	1	24	21.68	21.55	21.67
	12	0	20.68	20.52	20.64
	12	6	20.62	20.52	20.61
	12	13	20.67	20.53	20.60
	25	0	20.70	20.58	20.63
256QAM	1	0	18.55	18.39	18.44
	1	12	18.42	18.32	18.42
	1	24	18.44	18.33	18.44
	12	0	18.58	18.48	18.47
	12	6	18.55	18.46	18.52
	12	13	18.53	18.35	18.46
	25	0	18.54	18.43	18.55

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.5	23.91	24.08	25.49	33.01
16QAM	21.3	22.69	22.88	24.27	33.01
64QAM	20.52	21.79	22.1	23.37	33.01
256QAM	18.32	18.58	19.9	20.16	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 38, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 37800	CH 38000	CH 38200
			2575 MHz	2595 MHz	2615 MHz
QPSK	1	0	23.92	23.78	23.86
	1	24	23.86	23.73	23.86
	1	49	23.89	23.73	23.86
	25	0	22.70	22.52	22.67
	25	12	22.71	22.49	22.61
	25	25	22.60	22.46	22.58
	50	0	22.69	22.51	22.59
16QAM	1	0	22.68	22.56	22.65
	1	24	22.66	22.51	22.57
	1	49	22.58	22.47	22.51
	25	0	21.51	21.35	21.44
	25	12	21.46	21.36	21.49
	25	25	21.48	21.28	21.44
	50	0	21.44	21.32	21.48
64QAM	1	0	21.87	21.71	21.78
	1	24	21.79	21.65	21.70
	1	49	21.73	21.61	21.68
	25	0	20.72	20.60	20.68
	25	12	20.72	20.59	20.68
	25	25	20.67	20.47	20.62
	50	0	20.65	20.51	20.66
256QAM	1	0	18.49	18.41	18.43
	1	24	18.49	18.34	18.38
	1	49	18.49	18.29	18.45
	25	0	18.59	18.41	18.51
	25	12	18.52	18.38	18.52
	25	25	18.52	18.39	18.49
	50	0	18.56	18.47	18.54

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.46	23.92	24.04	25.5	33.01
16QAM	21.28	22.68	22.86	24.26	33.01
64QAM	20.47	21.87	22.05	23.45	33.01
256QAM	18.29	18.59	19.87	20.17	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 38, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 37825	CH 38000	CH 38175
			2577.5 MHz	2595 MHz	2612.5 MHz
QPSK	1	0	23.96	23.80	23.85
	1	37	23.87	23.73	23.81
	1	74	23.82	23.66	23.76
	36	0	22.68	22.60	22.64
	36	19	22.67	22.50	22.60
	36	39	22.64	22.53	22.58
	75	0	22.72	22.48	22.68
16QAM	1	0	22.72	22.55	22.69
	1	37	22.70	22.48	22.61
	1	74	22.60	22.47	22.54
	36	0	21.48	21.38	21.44
	36	19	21.45	21.36	21.42
	36	39	21.42	21.25	21.42
	75	0	21.51	21.33	21.50
64QAM	1	0	21.82	21.71	21.76
	1	37	21.83	21.60	21.73
	1	74	21.74	21.55	21.65
	36	0	20.68	20.51	20.62
	36	19	20.68	20.51	20.62
	36	39	20.67	20.52	20.55
	75	0	20.71	20.55	20.67
256QAM	1	0	18.48	18.42	18.50
	1	37	18.47	18.36	18.47
	1	74	18.47	18.28	18.45
	36	0	18.50	18.46	18.51
	36	19	18.48	18.46	18.53
	36	39	18.49	18.39	18.41
	75	0	18.57	18.39	18.46

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.48	23.96	24.06	25.54	33.01
16QAM	21.25	22.72	22.83	24.3	33.01
64QAM	20.51	21.83	22.09	23.41	33.01
256QAM	18.28	18.57	19.86	20.15	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 38, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 37850	CH 38000	CH 38150
			2580 MHz	2595 MHz	2610 MHz
QPSK	1	0	23.99	23.84	23.95
	1	50	23.95	23.80	23.91
	1	99	23.90	23.75	23.86
	50	0	22.76	22.61	22.72
	50	25	22.73	22.58	22.69
	50	50	22.68	22.53	22.64
	100	0	22.73	22.58	22.69
16QAM	1	0	22.74	22.59	22.70
	1	50	22.70	22.55	22.66
	1	99	22.65	22.50	22.61
	50	0	21.57	21.43	21.53
	50	25	21.54	21.40	21.50
	50	50	21.49	21.35	21.45
	100	0	21.54	21.40	21.50
64QAM	1	0	21.87	21.73	21.83
	1	50	21.83	21.69	21.79
	1	99	21.78	21.64	21.74
	50	0	20.74	20.61	20.70
	50	25	20.72	20.59	20.68
	50	50	20.67	20.54	20.63
	100	0	20.72	20.59	20.68
256QAM	1	0	18.56	18.44	18.52
	1	50	18.52	18.40	18.48
	1	99	18.49	18.37	18.45
	50	0	18.60	18.48	18.57
	50	25	18.58	18.47	18.55
	50	50	18.54	18.43	18.51
	100	0	18.58	18.47	18.55

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.53	23.99	24.11	25.57	33.01
16QAM	21.35	22.74	22.93	24.32	33.01
64QAM	20.54	21.87	22.12	23.45	33.01
256QAM	18.37	18.6	19.95	20.18	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.14LTE Band 40 (2.305 GHz ~ 2.315 GHz)

LTE Band 40 (2.305 GHz ~ 2.315 GHz), Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 38725	CH 38750	CH 38775
			2307.5 MHz	2310 MHz	2312.5 MHz
QPSK	1	0	6.33	18.36	22.44
	1	12	22.41	22.48	22.49
	1	24	22.50	19.47	9.40
	12	0	21.63	21.68	21.65
	12	6	21.69	21.66	21.68
	12	13	21.64	21.58	21.69
	25	0	18.75	5.47	11.58
16QAM	1	0	5.31	17.34	21.53
	1	12	21.59	21.40	21.56
	1	24	21.51	18.46	8.38
	12	0	20.60	20.62	20.61
	12	6	20.66	20.52	20.67
	12	13	20.56	20.49	20.62
	25	0	17.72	4.50	10.55
64QAM	1	0	4.28	16.33	20.47
	1	12	20.54	20.39	20.52
	1	24	20.52	17.43	7.36
	12	0	19.55	19.61	19.59
	12	6	19.51	19.49	19.58
	12	13	19.52	19.41	19.54
	25	0	16.69	3.49	9.53
256QAM	1	0	1.25	13.30	17.43
	1	12	17.54	17.40	17.52
	1	24	17.46	15.40	4.34
	12	0	16.54	16.59	16.54
	12	6	16.49	16.45	16.54
	12	13	16.44	16.41	16.50
	25	0	13.65	0.48	6.51

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	5.47	22.5	6.88	23.91	23.98
16QAM	4.5	21.59	5.91	23	23.98
64QAM	3.49	20.54	4.9	21.95	23.98
256QAM	0.48	17.54	1.89	18.95	23.98

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 40 (2.305 GHz ~ 2.315 GHz), Channel Bandwidth: 10 MHz, Output Power: Full Power

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 38750
			2310 MHz
QPSK	1	0	18.41
	1	24	22.55
	1	49	19.52
	25	0	21.87
	25	12	21.67
	25	25	21.71
	50	0	5.52
16QAM	1	0	17.39
	1	24	21.40
	1	49	18.51
	25	0	20.72
	25	12	20.63
	25	25	20.55
	50	0	4.55
64QAM	1	0	16.38
	1	24	20.39
	1	49	17.48
	25	0	19.56
	25	12	19.48
	25	25	19.50
	50	0	3.54
256QAM	1	0	13.35
	1	24	17.40
	1	49	15.45
	25	0	16.66
	25	12	16.53
	25	25	16.39
	50	0	0.53

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	5.52	22.55	6.93	23.96	23.98
16QAM	4.55	21.4	5.96	22.81	23.98
64QAM	3.54	20.39	4.95	21.8	23.98
256QAM	0.53	17.4	1.94	18.81	23.98

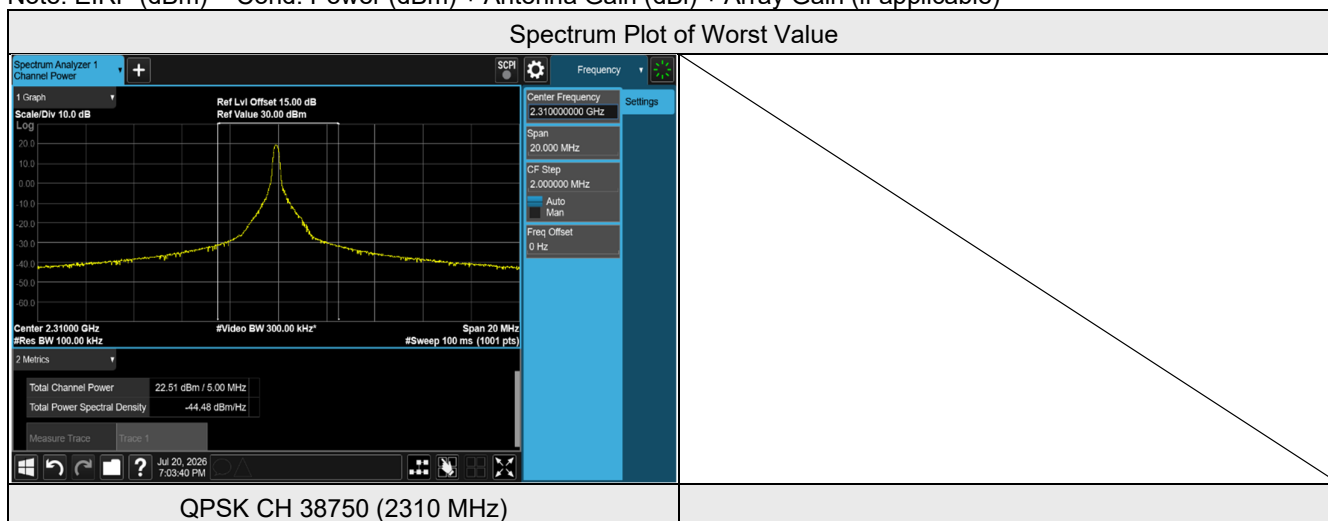
Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 40 (2.305 GHz ~ 2.315 GHz), Channel Bandwidth: 10 MHz, Output Power: dBm/5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 38750
			2310 MHz
QPSK	1	0	18.4
	1	24	22.51
	1	49	19.48
	25	0	21.85
	25	12	21.63
	25	25	21.69
	50	0	2.79
16QAM	1	0	17.36
	1	24	21.39
	1	49	18.5
	25	0	20.69
	25	12	20.6
	25	25	20.54
	50	0	1.84
64QAM	1	0	16.34
	1	24	20.35
	1	49	17.45
	25	0	19.55
	25	12	19.44
	25	25	19.47
	50	0	0.83
256QAM	1	0	13.33
	1	24	17.39
	1	49	15.41
	25	0	16.66
	25	12	16.53
	25	25	16.39
	50	0	-2.2

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	2.79	22.51	4.2	23.92	23.98
16QAM	1.84	21.39	3.25	22.8	23.98
64QAM	0.83	20.35	2.24	21.76	23.98
256QAM	-2.2	17.39	-0.79	18.8	23.98

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



Note: For the channel bandwidth is less than or equal to 5 MHz, the full power test data please refer to the power per 5 MHz corresponding to the channel bandwidth.

7.1.15LTE Band 40 (2.35 GHz ~ 2.36 GHz)

LTE Band 40 (2.35 GHz ~ 2.36 GHz), Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 39175	CH 39200	CH 39225
			2352.5 MHz	2355 MHz	2357.5 MHz
QPSK	1	0	6.30	18.33	22.42
	1	12	22.48	22.45	22.43
	1	24	22.49	19.44	9.37
	12	0	21.57	21.65	21.63
	12	6	21.66	21.63	21.68
	12	13	21.62	21.56	21.62
	25	0	18.72	5.44	11.55
16QAM	1	0	5.28	17.31	21.49
	1	12	21.56	21.38	21.50
	1	24	21.48	18.43	8.35
	12	0	20.57	20.61	20.59
	12	6	20.60	20.51	20.64
	12	13	20.55	20.44	20.59
	25	0	17.69	4.47	10.52
64QAM	1	0	4.25	16.30	20.46
	1	12	20.53	20.37	20.48
	1	24	20.47	17.40	7.33
	12	0	19.51	19.58	19.54
	12	6	19.50	19.44	19.53
	12	13	19.50	19.38	19.49
	25	0	16.66	3.46	9.50
256QAM	1	0	1.22	13.27	17.39
	1	12	17.50	17.35	17.47
	1	24	17.45	15.37	4.31
	12	0	16.47	16.57	16.54
	12	6	16.42	16.42	16.51
	12	13	16.37	16.37	16.46
	25	0	13.62	0.45	6.48

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	5.44	22.49	6.85	23.9	23.98
16QAM	4.47	21.56	5.88	22.97	23.98
64QAM	3.46	20.53	4.87	21.94	23.98
256QAM	0.45	17.5	1.86	18.91	23.98

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 40 (2.35 GHz ~ 2.36 GHz), Channel Bandwidth: 10 MHz, Output Power: Full Power

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 39200
			2355 MHz
QPSK	1	0	18.38
	1	24	22.52
	1	49	19.49
	25	0	21.70
	25	12	21.68
	25	25	21.63
	50	0	5.49
16QAM	1	0	17.36
	1	24	21.45
	1	49	18.48
	25	0	20.67
	25	12	20.54
	25	25	20.51
	50	0	4.52
64QAM	1	0	16.35
	1	24	20.44
	1	49	17.45
	25	0	19.63
	25	12	19.49
	25	25	19.47
	50	0	3.51
256QAM	1	0	13.32
	1	24	17.38
	1	49	15.42
	25	0	16.62
	25	12	16.47
	25	25	16.44
	50	0	0.50

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	5.49	22.52	6.9	23.93	23.98
16QAM	4.52	21.45	5.93	22.86	23.98
64QAM	3.51	20.44	4.92	21.85	23.98
256QAM	0.5	17.38	1.91	18.79	23.98

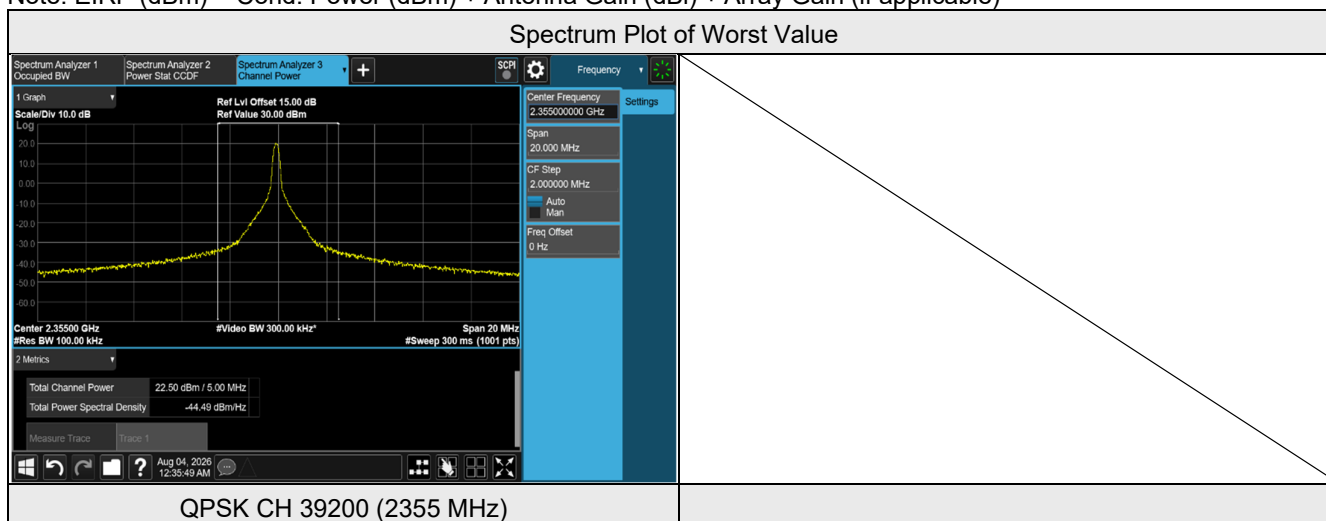
Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 40 (2.35 GHz ~ 2.36 GHz), Channel Bandwidth: 10 MHz, Output Power: dBm/5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 39200
			2355 MHz
QPSK	1	0	18.35
	1	24	22.50
	1	49	19.45
	25	0	21.67
	25	12	21.65
	25	25	21.62
	50	0	2.78
16QAM	1	0	17.33
	1	24	21.43
	1	49	18.47
	25	0	20.63
	25	12	20.51
	25	25	20.5
	50	0	1.79
64QAM	1	0	16.34
	1	24	20.44
	1	49	17.43
	25	0	19.63
	25	12	19.47
	25	25	19.43
	50	0	0.78
256QAM	1	0	13.28
	1	24	17.38
	1	49	15.39
	25	0	16.6
	25	12	16.45
	25	25	16.4
	50	0	-2.22

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	2.78	22.5	4.19	23.91	23.98
16QAM	1.79	21.43	3.2	22.84	23.98
64QAM	0.78	20.44	2.19	21.85	23.98
256QAM	-2.22	17.38	-0.81	18.79	23.98

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)



Note: For the channel bandwidth is less than or equal to 5 MHz, the full power test data please refer to the power per 5 MHz corresponding to the channel bandwidth.

7.1.16LTE Band 41

LTE Band 41, PC2, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 39675	CH 40620	CH 41565
			2498.5 MHz	2593 MHz	2687.5 MHz
QPSK	1	0	26.52	26.52	26.53
	1	12	26.78	26.59	26.81
	1	24	26.69	26.68	26.61
	12	0	25.73	25.72	25.73
	12	6	25.81	25.77	25.83
	12	13	25.95	25.90	25.93
	25	0	25.72	25.77	25.70
16QAM	1	0	25.78	25.82	25.78
	1	12	25.63	25.58	25.59
	1	24	25.67	25.65	25.66
	12	0	24.74	24.58	24.64
	12	6	24.83	24.70	24.66
	12	13	24.60	24.81	24.83
	25	0	24.83	24.62	24.62
64QAM	1	0	24.33	24.79	24.83
	1	12	24.54	24.57	24.52
	1	24	24.56	24.64	24.61
	12	0	23.71	23.70	23.71
	12	6	23.72	23.71	23.71
	12	13	23.84	23.82	23.84
	25	0	23.61	23.62	23.64
256QAM	1	0	21.61	21.56	21.56
	1	12	21.93	21.88	21.90
	1	24	21.90	21.86	21.86
	12	0	21.84	21.83	21.85
	12	6	21.83	21.76	21.78
	12	13	21.89	21.82	21.87
	25	0	21.77	21.76	21.79

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	25.7	26.81	27.28	28.39	33.01
16QAM	24.58	25.82	26.16	27.4	33.01
64QAM	23.61	24.83	25.19	26.41	33.01
256QAM	21.56	21.93	23.14	23.51	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 41, PC2, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 39700	CH 40620	CH 41540
			2501 MHz	2593 MHz	2685 MHz
QPSK	1	0	26.52	26.54	26.56
	1	24	26.75	26.63	26.71
	1	49	26.70	26.69	26.60
	25	0	25.69	25.76	25.70
	25	12	25.84	25.82	25.87
	25	25	25.94	25.86	25.85
	50	0	25.72	25.70	25.76
16QAM	1	0	25.82	25.78	25.79
	1	24	25.60	25.60	25.57
	1	49	25.63	25.68	25.67
	25	0	24.56	24.65	24.63
	25	12	24.74	24.72	24.70
	25	25	24.76	24.83	24.80
	50	0	24.63	24.67	24.62
64QAM	1	0	24.74	24.73	24.78
	1	24	24.50	24.50	24.54
	1	49	24.65	24.63	24.58
	25	0	23.65	23.66	23.64
	25	12	23.76	23.68	23.70
	25	25	23.82	23.78	23.79
	50	0	23.66	23.60	23.63
256QAM	1	0	21.65	21.63	21.59
	1	24	21.93	21.91	21.91
	1	49	21.94	21.88	21.89
	25	0	21.86	21.78	21.79
	25	12	21.84	21.85	21.76
	25	25	21.89	21.91	21.86
	50	0	21.74	21.87	21.79

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	25.69	26.75	27.27	28.33	33.01
16QAM	24.56	25.82	26.14	27.4	33.01
64QAM	23.6	24.78	25.18	26.36	33.01
256QAM	21.59	21.94	23.17	23.52	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 41, PC2, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 39725	CH 40620	CH 41515
			2503.5 MHz	2593 MHz	2682.5 MHz
QPSK	1	0	26.54	26.58	26.00
	1	37	26.72	26.96	26.30
	1	74	26.60	26.67	26.13
	36	0	25.68	25.69	25.19
	36	19	25.83	25.82	25.31
	36	39	25.85	25.91	25.35
	75	0	25.74	25.73	25.27
16QAM	1	0	25.77	25.76	25.27
	1	37	25.59	25.62	25.57
	1	74	25.61	25.58	25.66
	36	0	24.64	24.63	24.13
	36	19	24.71	24.71	24.19
	36	39	24.81	24.76	24.34
	75	0	24.65	24.67	24.14
64QAM	1	0	24.81	24.74	24.25
	1	37	24.57	24.94	24.52
	1	74	24.65	24.64	24.58
	36	0	23.63	23.72	23.17
	36	19	23.75	23.75	23.19
	36	39	23.75	23.77	23.34
	75	0	23.64	23.67	23.13
256QAM	1	0	21.55	21.63	21.06
	1	37	21.95	21.93	21.44
	1	74	21.86	21.92	21.41
	36	0	21.86	21.83	21.28
	36	19	21.85	21.85	21.29
	36	39	21.92	21.90	21.36
	75	0	21.79	21.79	21.24

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	25.19	26.96	26.77	28.54	33.01
16QAM	24.13	25.77	25.71	27.35	33.01
64QAM	23.13	24.94	24.71	26.52	33.01
256QAM	21.06	21.95	22.64	23.53	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 41, PC2, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 39750	CH 40620	CH 41490
			2506 MHz	2593 MHz	2680 MHz
QPSK	1	0	26.55	26.64	26.57
	1	50	26.81	26.97	26.77
	1	99	26.66	26.80	26.68
	50	0	25.73	25.88	25.75
	50	25	25.88	25.97	25.86
	50	50	25.97	26.05	25.91
	100	0	25.82	25.89	25.82
16QAM	1	0	25.81	25.93	25.79
	1	50	25.65	25.77	25.63
	1	99	25.67	25.78	25.66
	50	0	24.67	24.76	24.70
	50	25	24.75	24.85	24.78
	50	50	24.88	24.94	24.83
	100	0	24.70	24.80	24.68
64QAM	1	0	24.85	24.93	24.81
	1	50	24.53	24.64	24.59
	1	99	24.61	24.75	24.70
	50	0	23.75	23.83	23.71
	50	25	23.72	23.87	23.76
	50	50	23.82	23.95	23.90
	100	0	23.65	23.79	23.70
256QAM	1	0	21.63	21.75	21.65
	1	50	21.99	22.06	21.99
	1	99	21.98	22.05	21.98
	50	0	21.87	21.96	21.88
	50	25	21.88	21.95	21.86
	50	50	21.92	22.02	21.95
	100	0	21.81	21.94	21.80

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	25.73	26.97	27.31	28.55	33.01
16QAM	24.67	25.93	26.25	27.51	33.01
64QAM	23.65	24.93	25.23	26.51	33.01
256QAM	21.63	22.06	23.21	23.64	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 41, PC3, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 39675	CH 40620	CH 41565
			2498.5 MHz	2593 MHz	2687.5 MHz
QPSK	1	0	23.90	23.94	23.86
	1	12	23.92	23.94	23.91
	1	24	23.87	23.96	23.98
	12	0	23.01	23.01	22.99
	12	6	22.96	22.97	23.04
	12	13	23.01	22.96	23.09
	25	0	22.95	23.04	23.05
16QAM	1	0	22.96	22.84	22.87
	1	12	23.04	22.97	22.99
	1	24	23.04	22.97	23.02
	12	0	22.07	22.03	22.04
	12	6	22.01	21.97	21.92
	12	13	22.01	22.07	22.02
	25	0	21.91	21.99	22.00
64QAM	1	0	22.06	22.03	21.96
	1	12	22.01	22.04	22.08
	1	24	21.97	21.98	21.86
	12	0	21.03	20.97	20.97
	12	6	20.98	21.04	20.99
	12	13	21.04	21.03	21.05
	25	0	21.05	20.95	20.93
256QAM	1	0	18.91	18.88	18.89
	1	12	19.08	18.99	19.06
	1	24	18.98	18.96	19.00
	12	0	19.02	19.05	19.05
	12	6	19.04	19.07	19.04
	12	13	19.02	19.03	19.06
	25	0	18.97	19.00	18.99

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.95	23.98	24.53	25.56	33.01
16QAM	21.91	23.04	23.49	24.62	33.01
64QAM	20.93	22.08	22.51	23.66	33.01
256QAM	18.88	19.08	20.46	20.66	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 41, PC3, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 39700	CH 40620	CH 41540
			2501 MHz	2593 MHz	2685 MHz
QPSK	1	0	23.94	23.96	23.98
	1	24	23.95	23.97	23.98
	1	49	23.98	23.88	23.88
	25	0	23.09	23.01	23.02
	25	12	23.05	23.01	22.96
	25	25	23.03	22.97	22.95
	50	0	22.91	23.02	23.05
16QAM	1	0	22.86	22.83	22.89
	1	24	23.00	23.07	23.07
	1	49	23.04	23.08	23.01
	25	0	21.93	22.00	22.02
	25	12	22.03	22.03	22.04
	25	25	22.00	22.08	22.02
	50	0	21.89	21.94	21.90
64QAM	1	0	21.92	21.94	21.96
	1	24	22.02	22.05	22.05
	1	49	21.97	21.99	21.94
	25	0	21.09	21.04	21.07
	25	12	21.03	21.03	21.02
	25	25	21.00	21.01	21.11
	50	0	21.02	20.93	20.96
256QAM	1	0	18.98	18.93	18.90
	1	24	19.05	19.03	19.00
	1	49	19.01	18.97	19.03
	25	0	19.04	19.02	19.04
	25	12	19.04	19.00	19.03
	25	25	18.95	18.95	18.98
	50	0	18.94	19.05	18.97

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.91	23.98	24.49	25.56	33.01
16QAM	21.89	23.08	23.47	24.66	33.01
64QAM	20.93	22.05	22.51	23.63	33.01
256QAM	18.90	19.05	20.48	20.63	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 41, PC3, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 39725	CH 40620	CH 41515
			2503.5 MHz	2593 MHz	2682.5 MHz
QPSK	1	0	23.93	23.95	23.96
	1	37	23.97	23.98	23.96
	1	74	23.92	23.97	23.87
	36	0	23.01	23.03	23.06
	36	19	22.99	23.07	22.97
	36	39	23.02	23.02	23.04
	75	0	22.97	22.90	23.02
16QAM	1	0	22.95	22.89	22.85
	1	37	23.02	22.97	23.06
	1	74	22.99	23.06	23.01
	36	0	21.99	22.03	22.02
	36	19	21.95	22.01	22.04
	36	39	22.05	22.14	22.07
	75	0	21.99	22.01	21.93
64QAM	1	0	22.06	22.03	21.99
	1	37	22.09	22.02	22.05
	1	74	21.97	21.88	21.85
	36	0	21.01	20.96	21.04
	36	19	21.00	21.00	21.01
	36	39	21.05	21.00	21.00
	75	0	20.91	20.95	21.00
256QAM	1	0	18.96	18.96	18.99
	1	37	19.06	19.04	19.03
	1	74	18.96	19.07	18.99
	36	0	19.05	19.01	19.08
	36	19	19.06	19.04	19.04
	36	39	19.06	18.96	19.08
	75	0	18.91	19.00	18.95

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.90	23.98	24.48	25.56	33.01
16QAM	21.93	23.06	23.51	24.64	33.01
64QAM	20.91	22.09	22.49	23.67	33.01
256QAM	18.91	19.08	20.49	20.66	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 41, PC3, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 39750	CH 40620	CH 41490
			2506 MHz	2593 MHz	2680 MHz
QPSK	1	0	23.90	23.95	23.98
	1	50	23.95	23.99	23.96
	1	99	23.93	23.94	23.98
	50	0	23.09	23.08	23.05
	50	25	23.07	23.06	23.05
	50	50	23.06	23.05	23.07
	100	0	23.09	23.00	23.00
16QAM	1	0	22.97	23.02	22.88
	1	50	23.07	23.06	23.04
	1	99	23.02	23.07	23.08
	50	0	22.05	22.03	22.07
	50	25	22.01	22.02	22.02
	50	50	22.08	22.02	22.07
	100	0	22.00	22.08	21.94
64QAM	1	0	22.05	22.01	22.07
	1	50	22.01	22.00	22.04
	1	99	21.91	22.05	22.01
	50	0	21.01	21.01	21.04
	50	25	21.02	21.02	21.04
	50	50	21.00	21.00	21.09
	100	0	21.00	21.01	21.01
256QAM	1	0	18.99	19.05	18.99
	1	50	19.04	19.09	19.10
	1	99	19.01	19.02	19.02
	50	0	19.06	19.00	19.04
	50	25	19.06	19.08	19.08
	50	50	19.00	19.04	19.07
	100	0	19.03	19.00	19.04

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.00	23.99	24.58	25.57	33.01
16QAM	21.94	23.08	23.52	24.66	33.01
64QAM	21.00	22.07	22.58	23.65	33.01
256QAM	18.99	19.10	20.57	20.68	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.17LTE Band 42 (3.45 GHz ~ 3.55 GHz)

LTE Band 42 (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 42115	CH 42590	CH 43065
			3452.5 MHz	3500 MHz	3547.5 MHz
QPSK	1	0	23.72	23.68	23.74
	1	12	23.84	23.96	23.93
	1	24	23.70	23.72	23.62
	12	0	22.78	22.57	22.55
	12	6	22.66	22.65	22.60
	12	13	22.52	22.59	22.59
	25	0	22.69	22.72	22.53
16QAM	1	0	22.74	22.79	22.61
	1	12	22.74	22.88	22.81
	1	24	22.72	22.69	22.80
	12	0	21.61	21.57	21.61
	12	6	21.70	21.72	21.62
	12	13	21.72	21.69	21.50
	25	0	21.77	21.74	21.53
64QAM	1	0	21.98	22.04	21.80
	1	12	21.91	22.01	21.96
	1	24	21.71	21.81	21.77
	12	0	20.67	20.55	20.64
	12	6	20.61	20.60	20.55
	12	13	20.61	20.70	20.57
	25	0	20.53	20.62	20.53
256QAM	1	0	18.77	18.67	18.51
	1	12	18.73	18.85	18.88
	1	24	18.55	18.57	18.58
	12	0	18.64	18.66	18.59
	12	6	18.65	18.57	18.52
	12	13	18.61	18.64	18.60
	25	0	18.69	18.66	18.72

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.52	23.96	25.83	27.27	30
16QAM	21.50	22.88	24.81	26.19	30
64QAM	20.53	22.04	23.84	25.35	30
256QAM	18.51	18.88	21.82	22.19	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 42 (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 42140	CH 42590	CH 43040
			3455 MHz	3500 MHz	3545 MHz
QPSK	1	0	23.76	23.76	23.67
	1	24	23.91	23.95	23.69
	1	49	23.77	23.60	23.69
	25	0	22.69	22.60	22.65
	25	12	22.80	22.61	22.53
	25	25	22.60	22.56	22.59
	50	0	22.77	22.58	22.65
16QAM	1	0	22.71	22.75	22.74
	1	24	22.73	22.77	22.77
	1	49	22.67	22.81	22.70
	25	0	21.50	21.58	21.62
	25	12	21.62	21.61	21.71
	25	25	21.72	21.63	21.53
	50	0	21.67	21.61	21.71
64QAM	1	0	21.95	21.92	21.89
	1	24	21.89	22.00	21.85
	1	49	21.89	21.91	21.81
	25	0	20.58	20.56	20.54
	25	12	20.61	20.66	20.61
	25	25	20.53	20.66	20.51
	50	0	20.71	20.73	20.62
256QAM	1	0	18.68	18.63	18.59
	1	24	18.82	18.84	18.79
	1	49	18.65	18.52	18.53
	25	0	18.54	18.69	18.60
	25	12	18.69	18.57	18.59
	25	25	18.70	18.65	18.61
	50	0	18.67	18.73	18.71

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.53	23.95	25.84	27.26	30
16QAM	21.50	22.81	24.81	26.12	30
64QAM	20.51	22.00	23.82	25.31	30
256QAM	18.52	18.84	21.83	22.15	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 42 (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 42165	CH 42590	CH 43015
			3457.5 MHz	3500 MHz	3542.5 MHz
QPSK	1	0	23.63	23.70	23.57
	1	37	23.82	23.90	23.68
	1	74	23.78	23.63	23.61
	36	0	22.80	22.55	22.66
	36	19	22.92	22.70	22.68
	36	39	22.68	22.68	22.53
	75	0	22.68	22.69	22.53
16QAM	1	0	22.76	22.82	22.68
	1	37	22.71	22.80	22.79
	1	74	22.70	22.79	22.67
	36	0	21.52	21.58	21.55
	36	19	21.51	21.76	21.58
	36	39	21.57	21.70	21.58
	75	0	21.52	21.72	21.53
64QAM	1	0	21.80	22.03	21.98
	1	37	21.92	22.09	21.99
	1	74	21.85	21.86	21.74
	36	0	20.70	20.76	20.67
	36	19	20.77	20.64	20.56
	36	39	20.76	20.66	20.55
	75	0	20.71	20.64	20.70
256QAM	1	0	18.69	18.67	18.62
	1	37	18.85	18.81	18.88
	1	74	18.58	18.56	18.48
	36	0	18.60	18.68	18.53
	36	19	18.57	18.57	18.57
	36	39	18.65	18.60	18.62
	75	0	18.64	18.67	18.57

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.53	23.90	25.84	27.21	30
16QAM	21.51	22.82	24.82	26.13	30
64QAM	20.55	22.09	23.86	25.4	30
256QAM	18.48	18.88	21.79	22.19	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 42 (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 42190	CH 42590	CH 42990
			3460 MHz	3500 MHz	3540 MHz
QPSK	1	0	23.78	23.78	23.74
	1	50	23.89	23.97	23.90
	1	99	23.77	23.69	23.71
	50	0	22.67	22.70	22.67
	50	25	22.81	22.78	22.80
	50	50	22.74	22.71	22.72
	100	0	22.69	22.77	22.71
16QAM	1	0	22.83	22.87	22.91
	1	50	22.94	22.81	22.93
	1	99	22.74	22.85	22.72
	50	0	21.68	21.61	21.69
	50	25	21.66	21.69	21.73
	50	50	21.65	21.76	21.78
	100	0	21.75	21.65	21.65
64QAM	1	0	21.98	22.07	21.99
	1	50	22.02	22.02	22.02
	1	99	21.97	21.88	21.86
	50	0	20.69	20.71	20.71
	50	25	20.63	20.70	20.63
	50	50	20.73	20.67	20.68
	100	0	20.68	20.67	20.75
256QAM	1	0	18.74	18.81	18.78
	1	50	18.84	18.85	18.85
	1	99	18.68	18.68	18.65
	50	0	18.71	18.66	18.69
	50	25	18.62	18.65	18.69
	50	50	18.71	18.68	18.69
	100	0	18.72	18.75	18.71

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.67	23.97	25.98	27.28	30
16QAM	21.61	22.94	24.92	26.25	30
64QAM	20.63	22.07	23.94	25.38	30
256QAM	18.62	18.85	21.93	22.16	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.18LTE Band 66

LTE Band 66, Channel Bandwidth: 1.4 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 131979	CH 132322	CH 132665
			1710.7 MHz	1745 MHz	1779.3 MHz
QPSK	1	0	23.89	23.90	23.74
	1	2	23.98	23.86	23.83
	1	5	23.89	23.95	23.91
	3	0	22.95	23.03	23.04
	3	1	22.92	23.05	23.01
	3	3	23.04	23.09	22.97
	6	0	23.03	23.03	22.92
16QAM	1	0	22.82	22.84	22.83
	1	2	22.93	23.05	23.01
	1	5	22.91	23.00	22.93
	3	0	21.76	21.86	21.73
	3	1	21.70	21.84	21.84
	3	3	21.84	21.92	21.77
	6	0	21.85	21.96	21.91
64QAM	1	0	21.77	21.80	21.77
	1	2	21.87	22.01	21.71
	1	5	21.84	21.93	21.81
	3	0	20.87	20.80	20.76
	3	1	20.98	20.88	20.87
	3	3	20.72	20.84	20.77
	6	0	20.88	20.90	20.87
256QAM	1	0	18.63	18.74	18.65
	1	2	18.77	18.91	18.77
	1	5	18.92	18.99	18.92
	3	0	18.69	18.92	18.70
	3	1	18.82	18.99	18.82
	3	3	18.87	18.89	18.82
	6	0	18.86	18.97	18.98

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.92	23.98	24.06	25.12	30
16QAM	21.70	23.05	22.84	24.19	30
64QAM	20.72	22.01	21.86	23.15	30
256QAM	18.63	18.99	19.77	20.13	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 66, Channel Bandwidth: 3 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 131987	CH 132322	CH 132657
			1711.5 MHz	1745 MHz	1778.5 MHz
QPSK	1	0	23.77	23.86	23.83
	1	7	23.98	23.85	23.98
	1	14	23.90	23.97	23.93
	8	0	22.99	23.06	22.94
	8	3	23.01	23.08	23.01
	8	7	22.98	23.02	22.97
	15	0	22.98	23.02	22.94
16QAM	1	0	22.86	22.88	22.92
	1	7	23.04	23.06	23.00
	1	14	22.73	22.92	22.88
	8	0	21.81	21.88	21.72
	8	3	21.81	21.81	21.78
	8	7	21.90	22.00	21.82
	15	0	21.89	21.90	21.75
64QAM	1	0	21.74	21.80	21.71
	1	7	21.88	21.96	21.76
	1	14	21.80	21.92	21.93
	8	0	20.74	20.86	20.78
	8	3	20.89	21.00	20.83
	8	7	20.72	20.97	20.93
	15	0	20.82	20.82	20.91
256QAM	1	0	18.76	18.68	18.72
	1	7	18.86	19.01	18.82
	1	14	18.80	18.94	18.78
	8	0	18.65	18.81	18.65
	8	3	18.84	19.02	18.87
	8	7	18.94	19.00	18.95
	15	0	18.81	18.88	18.86

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.94	23.98	24.08	25.12	30
16QAM	21.72	23.06	22.86	24.2	30
64QAM	20.72	21.96	21.86	23.1	30
256QAM	18.65	19.02	19.79	20.16	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 66, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 131997	CH 132322	CH 132647
			1712.5 MHz	1745 MHz	1777.5 MHz
QPSK	1	0	23.66	23.90	23.77
	1	12	23.96	23.98	23.94
	1	24	23.83	23.98	23.87
	12	0	23.08	23.02	23.06
	12	6	23.03	23.02	22.93
	12	13	23.02	23.07	22.93
	25	0	22.92	23.07	22.99
16QAM	1	0	22.89	22.87	22.76
	1	12	23.07	23.06	23.07
	1	24	22.88	22.90	22.78
	12	0	21.73	21.81	21.75
	12	6	21.89	21.92	21.87
	12	13	21.88	21.89	21.82
	25	0	21.81	21.92	21.79
64QAM	1	0	21.67	21.80	21.84
	1	12	21.77	21.86	21.74
	1	24	21.73	21.85	21.82
	12	0	20.78	20.84	20.81
	12	6	20.89	20.86	20.89
	12	13	20.92	20.97	20.73
	25	0	20.78	20.94	20.88
256QAM	1	0	18.56	18.73	18.57
	1	12	18.83	18.96	18.97
	1	24	18.86	18.94	18.85
	12	0	18.78	18.90	18.81
	12	6	18.81	18.93	19.02
	12	13	18.88	19.01	18.90
	25	0	18.87	18.95	18.96

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.92	23.98	24.06	25.12	30
16QAM	21.73	23.07	22.87	24.21	30
64QAM	20.73	21.86	21.87	23	30
256QAM	18.56	19.02	19.7	20.16	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 66, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 132022	CH 132322	CH 132622
			1715 MHz	1745 MHz	1775 MHz
QPSK	1	0	23.77	23.91	23.83
	1	24	23.95	23.97	23.89
	1	49	23.87	23.98	23.85
	25	0	23.09	22.99	23.03
	25	12	22.92	23.04	22.98
	25	25	23.01	23.03	23.09
	50	0	22.93	23.04	23.04
16QAM	1	0	22.72	22.94	22.87
	1	24	23.02	23.05	22.97
	1	49	22.89	22.99	22.83
	25	0	21.69	21.83	21.63
	25	12	21.72	21.88	21.78
	25	25	21.79	21.94	21.88
	50	0	21.95	21.97	21.78
64QAM	1	0	21.83	21.84	21.75
	1	24	21.82	21.98	21.79
	1	49	21.89	21.89	21.92
	25	0	20.83	20.86	20.75
	25	12	20.86	21.00	20.90
	25	25	20.82	20.96	20.85
	50	0	20.84	20.82	20.95
256QAM	1	0	18.68	18.78	18.74
	1	24	19.01	19.03	18.87
	1	49	18.97	18.97	18.83
	25	0	18.78	18.86	18.73
	25	12	18.87	18.97	18.99
	25	25	18.83	18.94	18.90
	50	0	18.78	18.94	18.85

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.92	23.98	24.06	25.12	30
16QAM	21.63	23.05	22.77	24.19	30
64QAM	20.75	21.98	21.89	23.12	30
256QAM	18.68	19.03	19.82	20.17	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 66, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 132047	CH 132322	CH 132597
			1717.5 MHz	1745 MHz	1772.5 MHz
QPSK	1	0	23.81	23.91	23.74
	1	37	23.95	23.82	23.89
	1	74	23.87	23.98	23.84
	36	0	22.99	23.07	22.96
	36	19	23.00	23.05	23.02
	36	39	22.99	23.09	22.92
	75	0	23.02	23.06	23.02
16QAM	1	0	22.77	22.88	22.78
	1	37	23.04	23.07	22.99
	1	74	22.80	22.97	22.88
	36	0	21.69	21.83	21.77
	36	19	21.84	21.90	21.72
	36	39	21.86	21.89	21.82
	75	0	21.89	21.98	21.95
64QAM	1	0	21.77	21.91	21.80
	1	37	21.85	21.97	21.84
	1	74	21.78	21.95	21.84
	36	0	20.77	20.88	20.72
	36	19	20.96	20.97	20.76
	36	39	20.81	20.96	20.83
	75	0	20.75	20.81	20.73
256QAM	1	0	18.63	18.74	18.69
	1	37	18.94	19.01	18.88
	1	74	18.70	18.98	18.76
	36	0	18.88	18.87	18.70
	36	19	18.91	18.92	18.96
	36	39	18.80	18.98	18.85
	75	0	18.87	18.84	18.91

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.92	23.98	24.06	25.12	30
16QAM	21.69	23.07	22.83	24.21	30
64QAM	20.72	21.97	21.86	23.11	30
256QAM	18.63	19.01	19.77	20.15	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

LTE Band 66, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 132072	CH 132322	CH 132572
			1720 MHz	1745 MHz	1770 MHz
QPSK	1	0	23.93	23.98	23.98
	1	50	23.94	23.96	23.96
	1	99	23.87	23.99	23.86
	50	0	23.09	23.08	23.03
	50	25	23.07	23.09	23.06
	50	50	23.00	23.02	23.07
	100	0	23.03	23.02	23.08
16QAM	1	0	23.02	23.02	23.00
	1	50	23.02	23.03	23.01
	1	99	23.04	23.07	23.03
	50	0	21.87	21.95	21.85
	50	25	21.92	22.01	21.86
	50	50	22.09	22.09	21.96
	100	0	21.95	22.08	22.04
64QAM	1	0	21.93	21.96	21.82
	1	50	21.94	22.06	21.92
	1	99	22.00	22.05	21.91
	50	0	20.96	20.97	20.93
	50	25	21.01	21.05	21.04
	50	50	20.90	21.02	20.87
	100	0	20.95	21.01	21.00
256QAM	1	0	18.77	18.87	18.77
	1	50	18.96	19.09	18.96
	1	99	18.94	19.05	19.01
	50	0	18.84	18.98	18.84
	50	25	19.01	19.10	19.03
	50	50	19.01	19.07	19.00
	100	0	19.02	19.04	19.01

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.00	23.99	24.14	25.13	30
16QAM	21.85	23.07	22.99	24.21	30
64QAM	20.87	22.06	22.01	23.2	30
256QAM	18.77	19.10	19.91	20.24	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.19LTE Band 71

LTE Band 71, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 133147	CH 133297	CH 133447
			665.5 MHz	680.5 MHz	695.5 MHz
QPSK	1	0	23.74	23.81	23.73
	1	12	23.86	23.98	23.90
	1	24	23.71	23.77	23.74
	12	0	22.51	22.67	22.50
	12	6	22.56	22.64	22.55
	12	13	22.70	22.78	22.52
	25	0	22.61	22.66	22.64
16QAM	1	0	22.68	22.67	22.57
	1	12	22.60	22.86	22.82
	1	24	22.71	22.83	22.72
	12	0	21.62	21.65	21.53
	12	6	21.64	21.61	21.50
	12	13	21.68	21.70	21.65
	25	0	21.53	21.64	21.53
64QAM	1	0	21.71	21.98	21.85
	1	12	21.72	21.70	21.62
	1	24	21.62	21.72	21.57
	12	0	20.52	20.65	20.55
	12	6	20.52	20.61	20.61
	12	13	20.67	20.76	20.71
	25	0	20.61	20.69	20.56
256QAM	1	0	18.66	18.77	18.55
	1	12	18.68	18.77	18.78
	1	24	18.55	18.79	18.67
	12	0	18.57	18.56	18.55
	12	6	18.65	18.71	18.77
	12	13	18.51	18.62	18.56
	25	0	18.58	18.56	18.56

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.50	23.98	19.23	20.71	34.77
16QAM	21.50	22.86	18.23	19.59	34.77
64QAM	20.52	21.98	17.25	18.71	34.77
256QAM	18.51	18.79	15.24	15.52	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 71, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 133172	CH 133297	CH 133422
			668 MHz	680.5 MHz	693 MHz
QPSK	1	0	23.71	23.74	23.69
	1	24	23.87	23.93	23.98
	1	49	23.83	23.74	23.80
	25	0	22.68	22.60	22.65
	25	12	22.61	22.65	22.65
	25	25	22.66	22.69	22.63
	50	0	22.59	22.67	22.59
16QAM	1	0	22.52	22.78	22.70
	1	24	22.77	22.83	22.65
	1	49	22.74	22.77	22.74
	25	0	21.70	21.59	21.57
	25	12	21.60	21.58	21.61
	25	25	21.75	21.76	21.71
	50	0	21.51	21.66	21.50
64QAM	1	0	21.85	21.90	21.84
	1	24	21.64	21.77	21.67
	1	49	21.66	21.72	21.64
	25	0	20.64	20.55	20.58
	25	12	20.60	20.67	20.66
	25	25	20.71	20.80	20.76
	50	0	20.59	20.72	20.63
256QAM	1	0	18.64	18.79	18.60
	1	24	18.66	18.76	18.72
	1	49	18.68	18.68	18.69
	25	0	18.55	18.57	18.66
	25	12	18.56	18.67	18.65
	25	25	18.59	18.72	18.54
	50	0	18.57	18.57	18.55

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.59	23.98	19.32	20.71	34.77
16QAM	21.50	22.83	18.23	19.56	34.77
64QAM	20.55	21.90	17.28	18.63	34.77
256QAM	18.54	18.79	15.27	15.52	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 71, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 133197	CH 133297	CH 133397
			670.5 MHz	680.5 MHz	690.5 MHz
QPSK	1	0	23.84	23.81	23.75
	1	37	23.84	23.85	23.94
	1	74	23.65	23.81	23.82
	36	0	22.58	22.73	22.60
	36	19	22.66	22.58	22.60
	36	39	22.68	22.78	22.71
	75	0	22.65	22.73	22.63
16QAM	1	0	22.59	22.70	22.69
	1	37	22.72	22.78	22.60
	1	74	22.65	22.89	22.66
	36	0	21.50	21.58	21.57
	36	19	21.57	21.66	21.52
	36	39	21.54	21.80	21.66
	75	0	21.54	21.57	21.67
64QAM	1	0	21.69	21.93	21.82
	1	37	21.62	21.68	21.59
	1	74	21.58	21.73	21.55
	36	0	20.58	20.63	20.57
	36	19	20.50	20.61	20.56
	36	39	20.72	20.78	20.62
	75	0	20.52	20.68	20.53
256QAM	1	0	18.62	18.64	18.61
	1	37	18.69	18.76	18.62
	1	74	18.58	18.71	18.65
	36	0	18.51	18.61	18.56
	36	19	18.60	18.77	18.56
	36	39	18.52	18.59	18.65
	75	0	18.61	18.66	18.55

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.58	23.94	19.31	20.67	34.77
16QAM	21.50	22.89	18.23	19.62	34.77
64QAM	20.50	21.93	17.23	18.66	34.77
256QAM	18.51	18.77	15.24	15.5	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

LTE Band 71, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 133222	CH 133297	CH 133372
			673 MHz	680.5 MHz	688 MHz
QPSK	1	0	23.89	23.93	23.88
	1	50	23.97	23.99	23.95
	1	99	23.92	23.93	23.84
	50	0	22.63	22.74	22.71
	50	25	22.77	22.78	22.75
	50	50	22.82	22.85	22.82
	100	0	22.80	22.80	22.66
16QAM	1	0	22.66	22.66	22.55
	1	50	22.91	22.92	22.90
	1	99	22.88	22.94	22.80
	50	0	21.70	21.77	21.75
	50	25	21.69	21.76	21.67
	50	50	21.84	21.85	21.70
	100	0	21.66	21.74	21.71
64QAM	1	0	21.90	22.04	22.00
	1	50	21.67	21.82	21.78
	1	99	21.80	21.85	21.85
	50	0	20.71	20.71	20.71
	50	25	20.68	20.79	20.75
	50	50	20.80	20.89	20.80
	100	0	20.64	20.78	20.68
256QAM	1	0	18.78	18.84	18.69
	1	50	18.81	18.92	18.77
	1	99	18.72	18.86	18.81
	50	0	18.75	18.75	18.72
	50	25	18.70	18.84	18.69
	50	50	18.72	18.78	18.68
	100	0	18.72	18.73	18.72

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
QPSK	22.63	23.99	19.36	20.72	34.77
16QAM	21.66	22.94	18.39	19.67	34.77
64QAM	20.64	22.04	17.37	18.77	34.77
256QAM	18.68	18.92	15.41	15.65	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.20 Inter-Band CA Mode

Configure	Combination	PCC							SCC						
		Band	BW (MHz)	Modulation	UL Channel	UL Frequency (MHz)	Conducted Power		Band	BW (MHz)	Modulation	UL Channel	UL Frequency (MHz)	Conducted Power	
							(dBm)	(W)						(dBm)	(W)
Inter Band	LTE B66 + LTE B71	B66	20	QPSK	132322	1745	23.94	0.247742	B71	20	QPSK	133297	680.5	23.91	0.246
	LTE B71 + LTE B66	B71	20	QPSK	133297	680.5	23.91	0.246037	B66	20	QPSK	132322	1745	23.94	0.248
	LTE B66 + LTE B7	B66	20	QPSK	132322	1745	23.94	0.247742	B7	20	QPSK	21100	2535	23.69	0.234

7.2 Modulation Characteristics

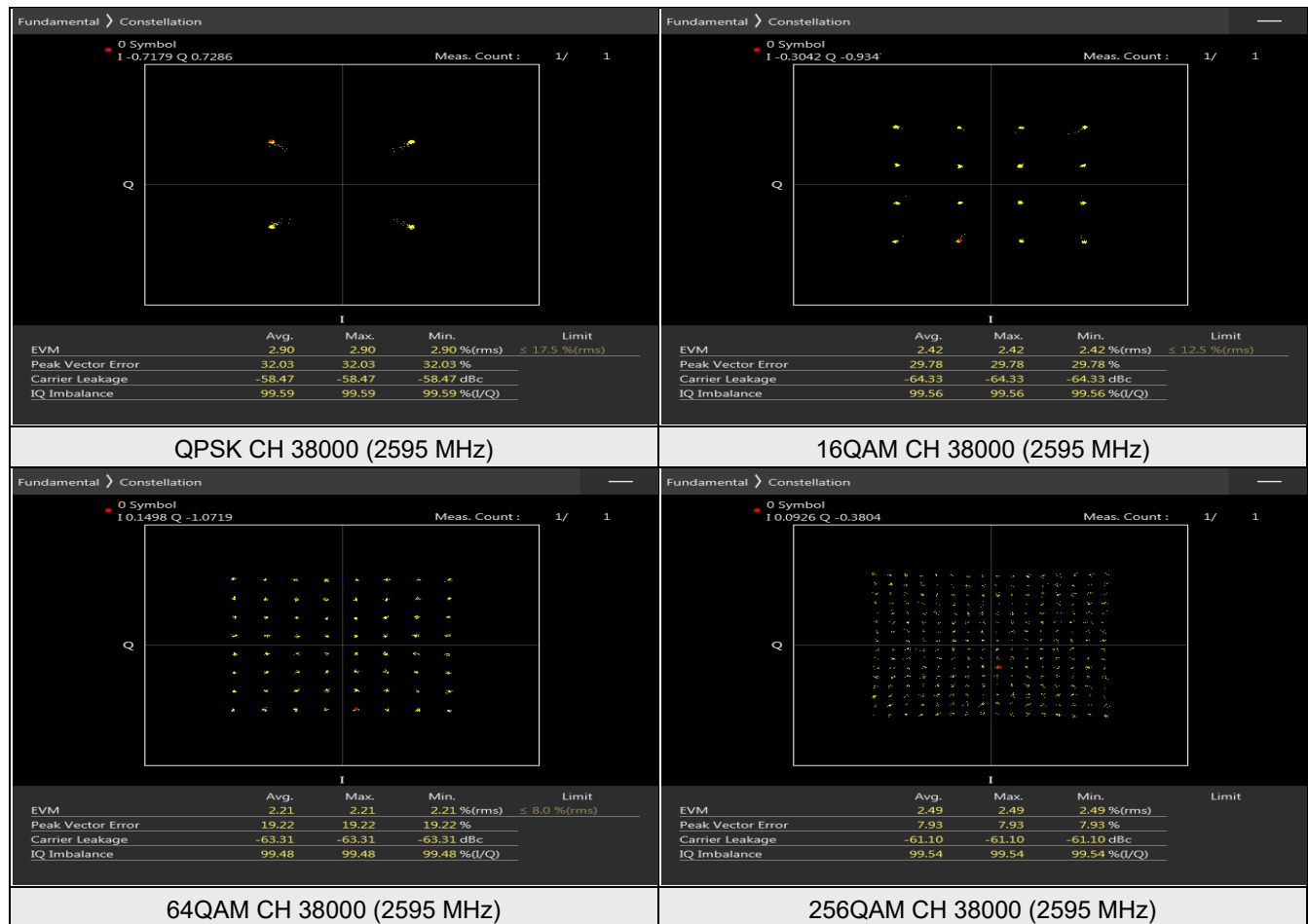
LTE Band 2, Band 4, Band 5, Band 7, Band 12, Band 13, Band 14, Band 17, Band 25, Band 26, Band 30, Band 41, Band 42, Band 43, Band 66, Band 71

Please refer to certified modular device FCC ID: GKRRXLN4N
Grant Date:05/26/2026 test report.

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 68% RH	Tested By:	Noah Chang
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7.2.1 LTE Band 38

LTE Band 38, Channel Bandwidth: 20 MHz



7.2.2 LTE Band 40 (2.305 GHz ~ 2.315 GHz)

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 65% RH	Tested By:	Kevin
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LTE Band 40 (2.305 GHz ~ 2.315 GHz), Channel Bandwidth: 10 MHz



7.2.3 LTE Band 40 (2.35 GHz ~ 2.36 GHz)

LTE Band 40 (2.35 GHz ~ 2.36 GHz), Channel Bandwidth: 10 MHz



7.3 Peak to Average Ratio

LTE Band 2, Band 4, Band 5, Band 7, Band 12, Band 13, Band 14, Band 17, Band 25, Band 26, Band 30, Band 41, Band 42, Band 43, Band 66, Band 71

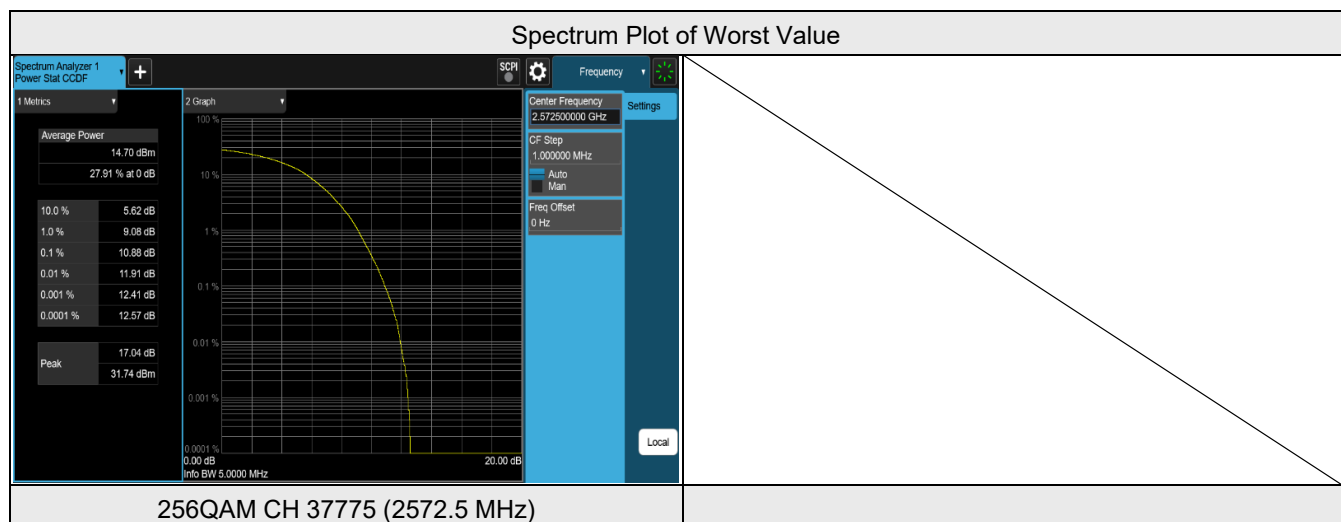
Please refer to certified modular device FCC ID: GKRRXLN4N
Grant Date:05/26/2026 test report.

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 65% RH	Tested By:	Noah Chang
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7.3.1 LTE Band 38

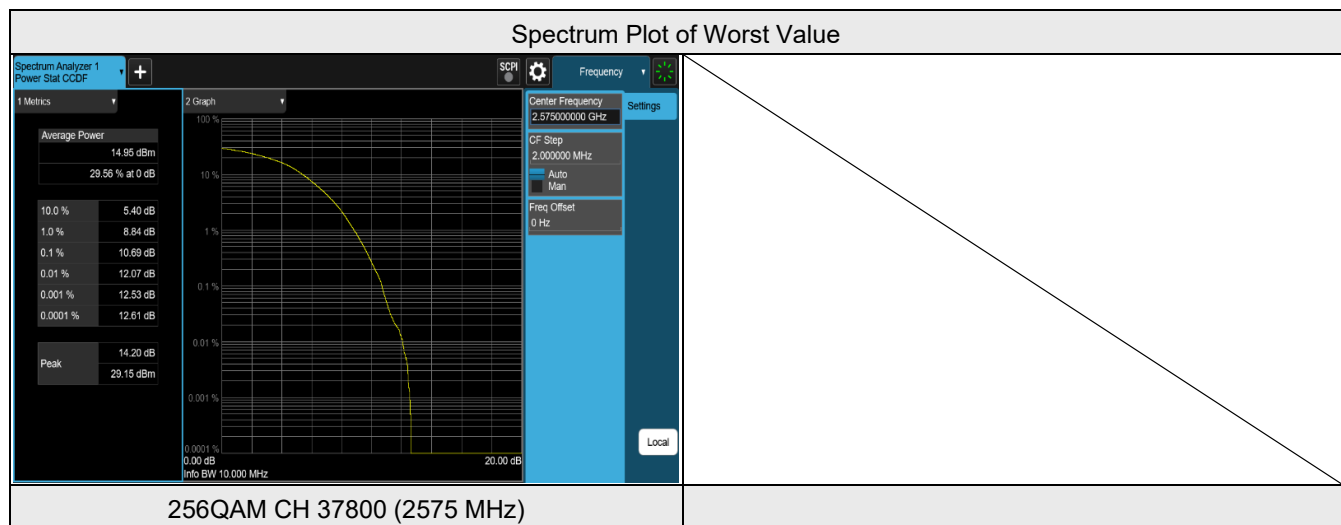
LTE Band 38, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	37775	2572.5	7.78	13	PASS
QPSK	38000	2595	7.41	13	PASS
QPSK	38225	2617.5	7.47	13	PASS
16QAM	37775	2572.5	8.48	13	PASS
16QAM	38000	2595	8.41	13	PASS
16QAM	38225	2617.5	8.35	13	PASS
64QAM	37775	2572.5	9.47	13	PASS
64QAM	38000	2595	9.37	13	PASS
64QAM	38225	2617.5	9.48	13	PASS
256QAM	37775	2572.5	10.88	13	PASS
256QAM	38000	2595	10.45	13	PASS
256QAM	38225	2617.5	10.72	13	PASS



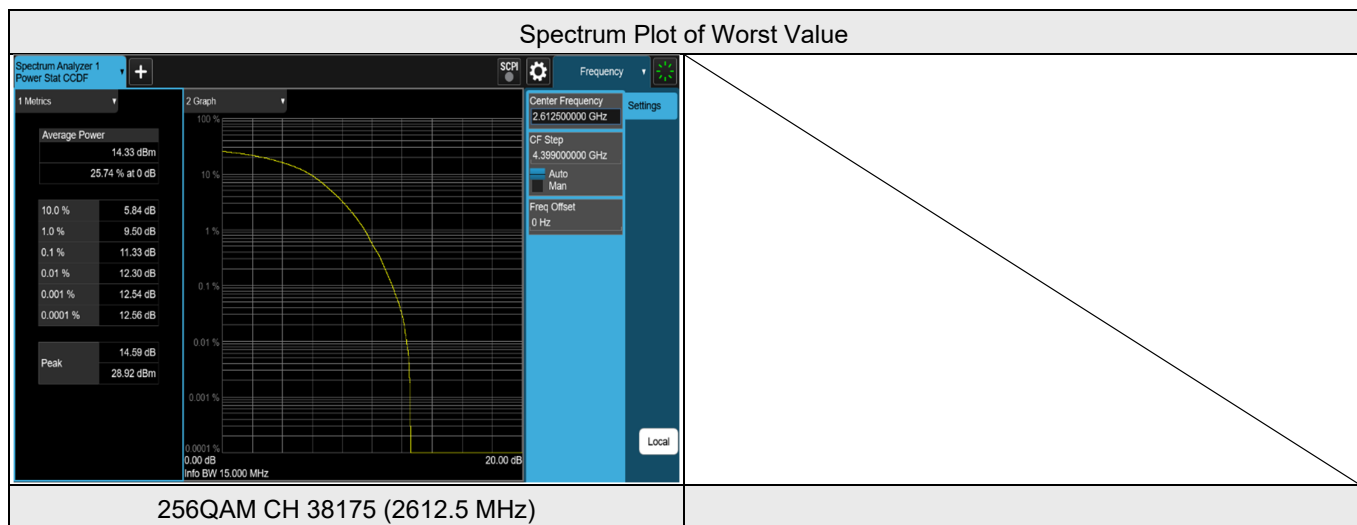
LTE Band 38, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	37800	2575	7.79	13	PASS
QPSK	38000	2595	7.86	13	PASS
QPSK	38200	2615	7.58	13	PASS
16QAM	37800	2575	8.95	13	PASS
16QAM	38000	2595	8.73	13	PASS
16QAM	38200	2615	8.77	13	PASS
64QAM	37800	2575	9.55	13	PASS
64QAM	38000	2595	9.54	13	PASS
64QAM	38200	2615	9.49	13	PASS
256QAM	37800	2575	10.69	13	PASS
256QAM	38000	2595	10.58	13	PASS
256QAM	38200	2615	10.63	13	PASS



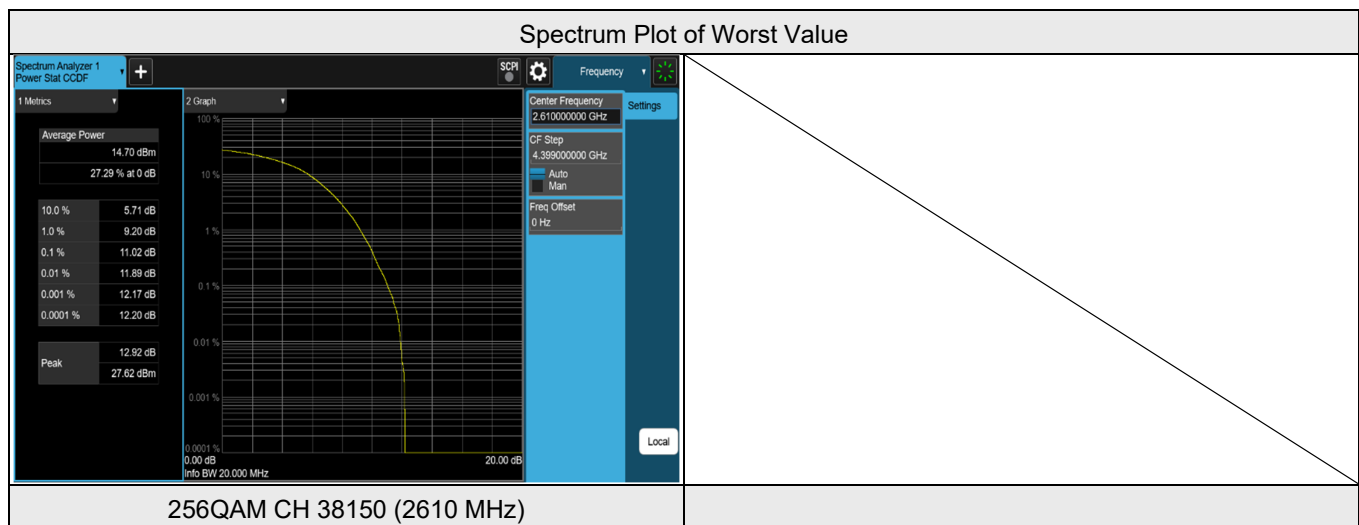
LTE Band 38, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	37825	2577.5	8.93	13	PASS
QPSK	38000	2595	9.33	13	PASS
QPSK	38175	2612.5	8.93	13	PASS
16QAM	37825	2577.5	9.38	13	PASS
16QAM	38000	2595	7.21	13	PASS
16QAM	38175	2612.5	8.15	13	PASS
64QAM	37825	2577.5	8.94	13	PASS
64QAM	38000	2595	9.10	13	PASS
64QAM	38175	2612.5	8.42	13	PASS
256QAM	37825	2577.5	10.89	13	PASS
256QAM	38000	2595	10.09	13	PASS
256QAM	38175	2612.5	11.33	13	PASS



LTE Band 38, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	37850	2580	7.30	13	PASS
QPSK	38000	2595	8.39	13	PASS
QPSK	38150	2610	7.07	13	PASS
16QAM	37850	2580	9.69	13	PASS
16QAM	38000	2595	9.56	13	PASS
16QAM	38150	2610	8.06	13	PASS
64QAM	37850	2580	8.54	13	PASS
64QAM	38000	2595	9.38	13	PASS
64QAM	38150	2610	9.48	13	PASS
256QAM	37850	2580	10.77	13	PASS
256QAM	38000	2595	9.70	13	PASS
256QAM	38150	2610	11.02	13	PASS

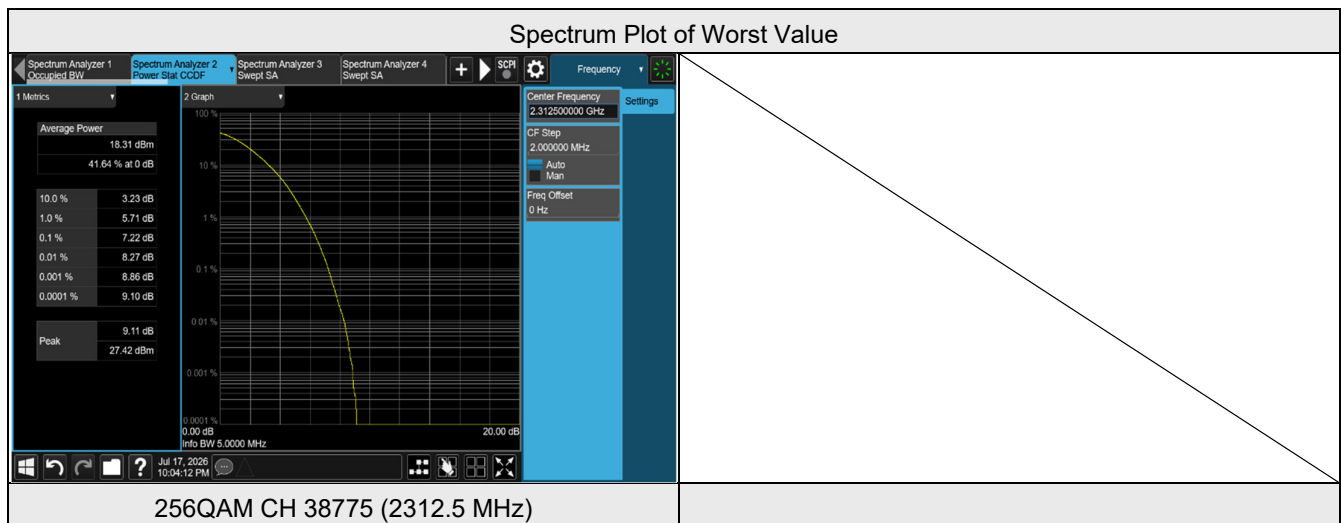


7.3.2 LTE Band 40 (2.305 GHz ~ 2.315 GHz)

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 65% RH	Tested By:	Kevin Kuo
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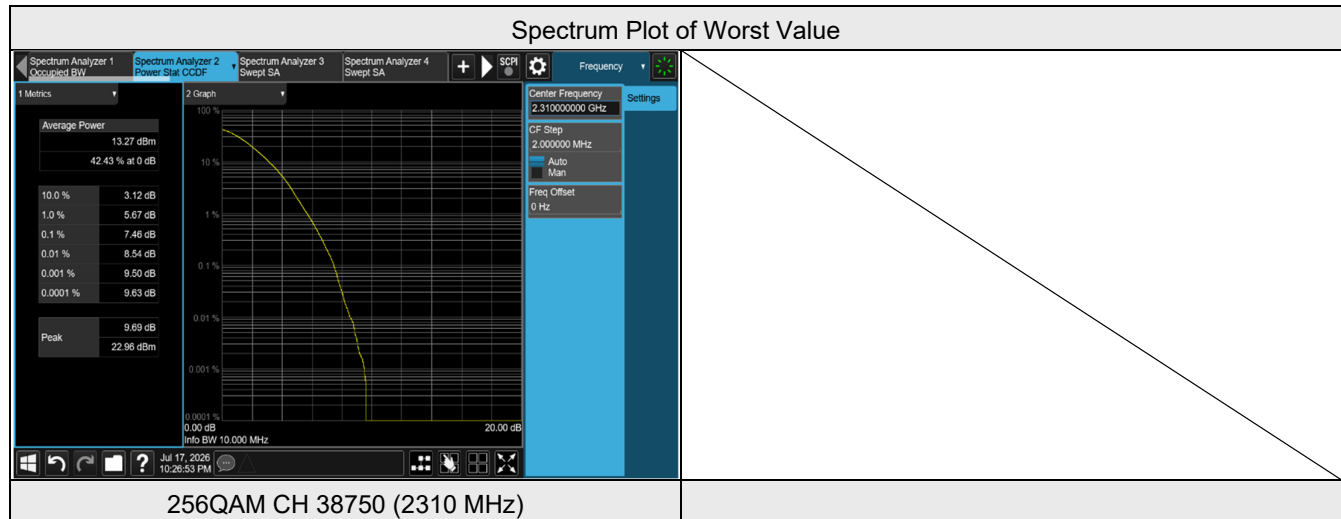
LTE Band 40 (2.305 GHz ~ 2.315 GHz), Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	38725	2307.5	5.20	13	PASS
QPSK	38750	2310	5.16	13	PASS
QPSK	38775	2312.5	3.81	13	PASS
16QAM	38725	2307.5	6.33	13	PASS
16QAM	38750	2310	6.26	13	PASS
16QAM	38775	2312.5	4.95	13	PASS
64QAM	38725	2307.5	7.08	13	PASS
64QAM	38750	2310	6.98	13	PASS
64QAM	38775	2312.5	5.86	13	PASS
256QAM	38725	2307.5	7.10	13	PASS
256QAM	38750	2310	6.98	13	PASS
256QAM	38775	2312.5	7.22	13	PASS



LTE Band 40 (2.305 GHz ~ 2.315 GHz), Channel Bandwidth: 10 MHz

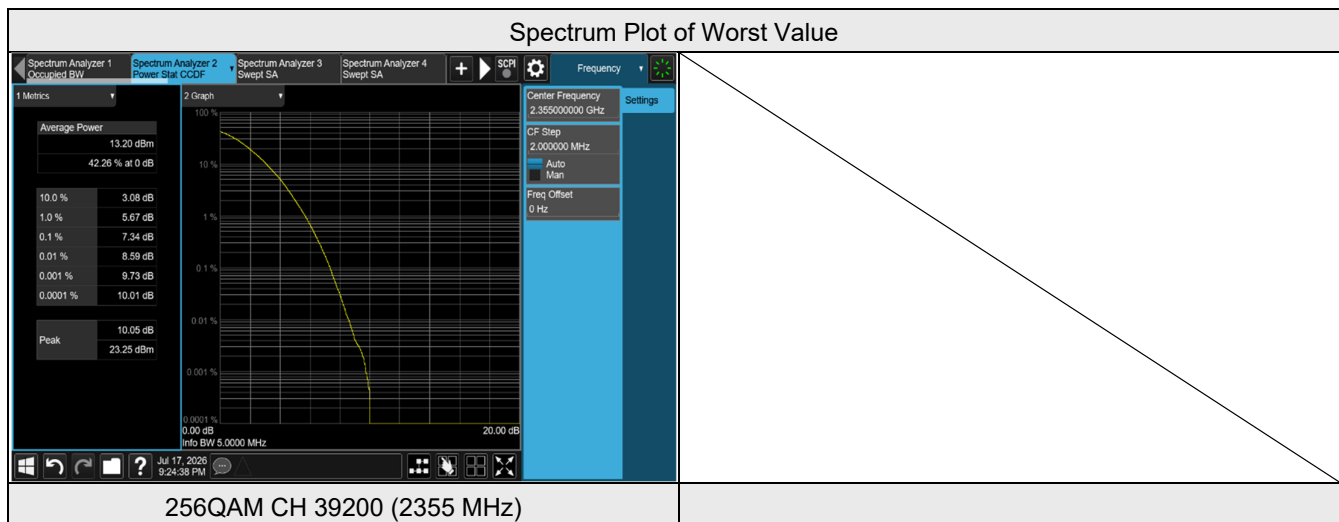
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	38750	2310	4.93	13	PASS
16QAM	38750	2310	5.99	13	PASS
64QAM	38750	2310	6.88	13	PASS
256QAM	38750	2310	7.46	13	PASS



7.3.3 LTE Band 40 (2.35 GHz ~ 2.36 GHz)

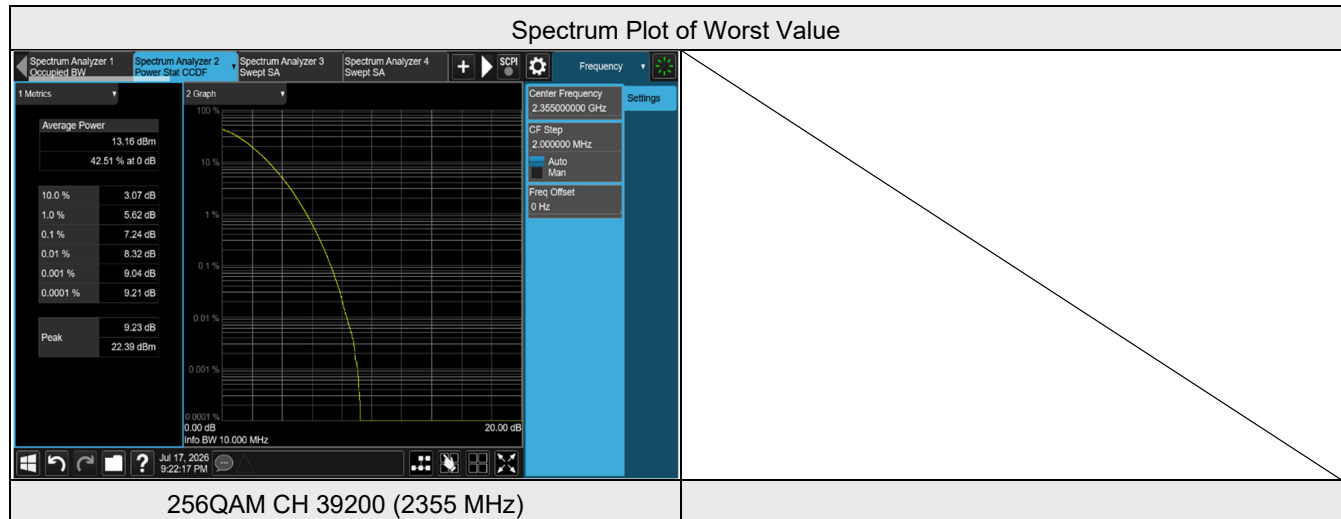
LTE Band 40 (2.35 GHz ~ 2.36 GHz), Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	39175	2352.5	4.94	13	PASS
QPSK	39200	2355	4.83	13	PASS
QPSK	39225	2357.5	4.17	13	PASS
16QAM	39175	2352.5	5.88	13	PASS
16QAM	39200	2355	5.92	13	PASS
16QAM	39225	2357.5	5.25	13	PASS
64QAM	39175	2352.5	6.70	13	PASS
64QAM	39200	2355	6.67	13	PASS
64QAM	39225	2357.5	6.11	13	PASS
256QAM	39175	2352.5	7.23	13	PASS
256QAM	39200	2355	7.34	13	PASS
256QAM	39225	2357.5	7.28	13	PASS



LTE Band 40 (2.35 GHz ~ 2.36 GHz), Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	39200	2355	4.85	13	PASS
16QAM	39200	2355	6.11	13	PASS
64QAM	39200	2355	6.98	13	PASS
256QAM	39200	2355	7.24	13	PASS



7.4 Bandwidth

LTE Band 2, Band 4, Band 5, Band 7, Band 12, Band 13, Band 14, Band 17, Band 25, Band 26, Band 30, Band 41, Band 42, Band 43, Band 66, Band 71

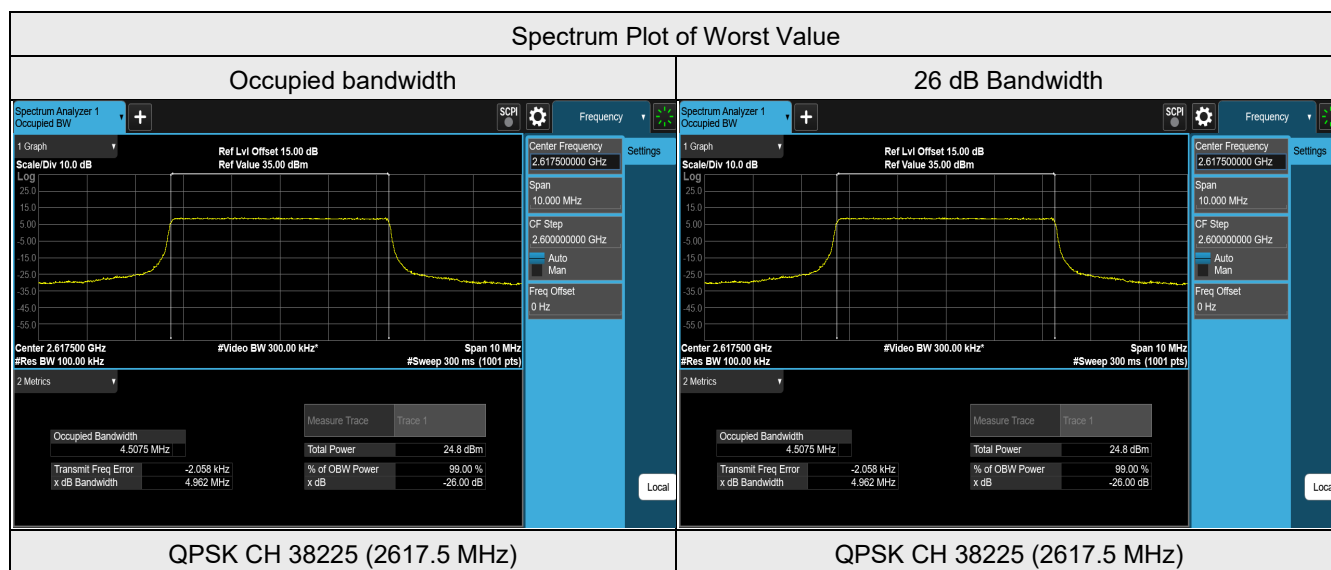
Please refer to certified modular device FCC ID: GKRRXLN4N
Grant Date:05/26/2026 test report.

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 68% RH	Tested By:	Noah Chang
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7.4.1 LTE Band 38

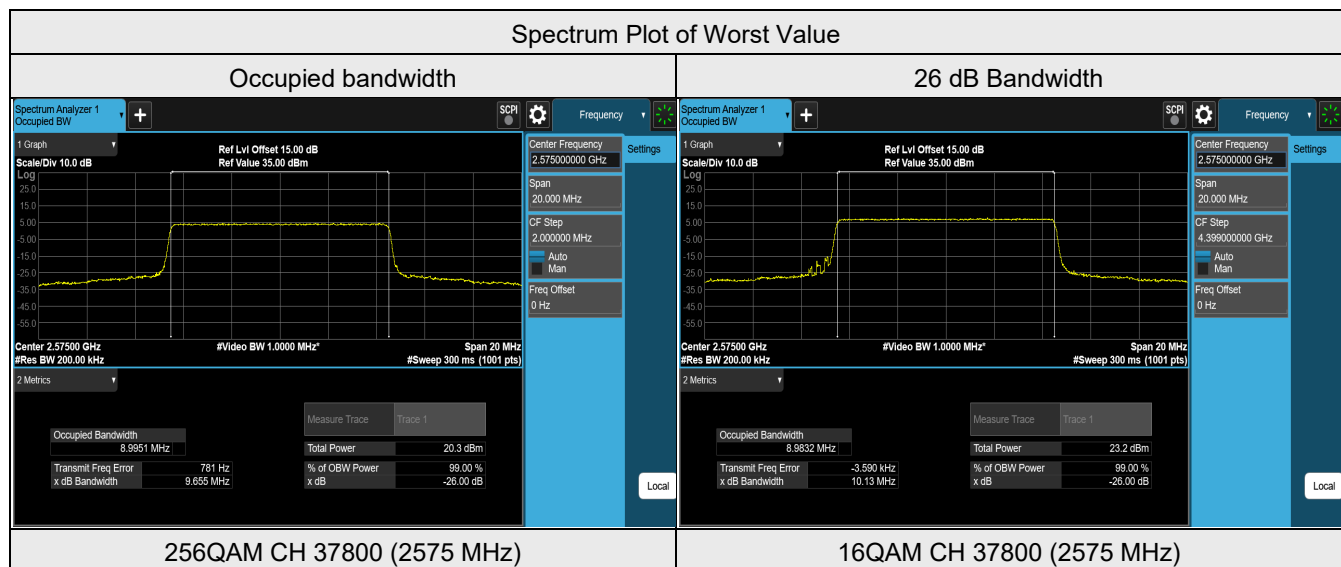
LTE Band 38, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	37775	2572.5	4.4971	4.900
QPSK	38000	2595	4.4959	4.868
QPSK	38225	2617.5	4.5075	4.962
16QAM	37775	2572.5	4.4989	4.890
16QAM	38000	2595	4.4923	4.911
16QAM	38225	2617.5	4.5034	4.931
64QAM	37775	2572.5	4.4989	4.876
64QAM	38000	2595	4.4996	4.899
64QAM	38225	2617.5	4.4982	4.916
256QAM	37775	2572.5	4.4964	4.903
256QAM	38000	2595	4.4976	4.931
256QAM	38225	2617.5	4.4917	4.941



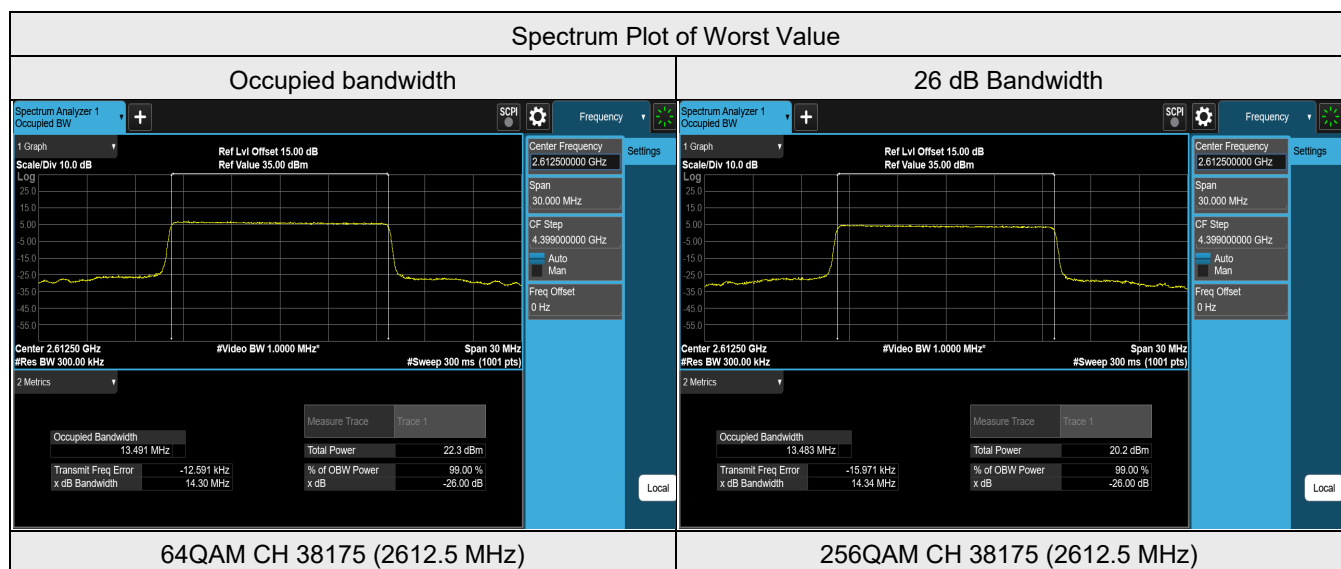
LTE Band 38, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	37800	2575	8.9799	9.591
QPSK	38000	2595	8.9851	9.594
QPSK	38200	2615	8.9811	9.548
16QAM	37800	2575	8.9832	10.129
16QAM	38000	2595	8.9845	9.589
16QAM	38200	2615	8.9873	9.594
64QAM	37800	2575	8.9800	9.580
64QAM	38000	2595	8.9870	9.593
64QAM	38200	2615	8.9912	9.549
256QAM	37800	2575	8.9951	9.655
256QAM	38000	2595	8.9878	9.547
256QAM	38200	2615	8.9907	9.605



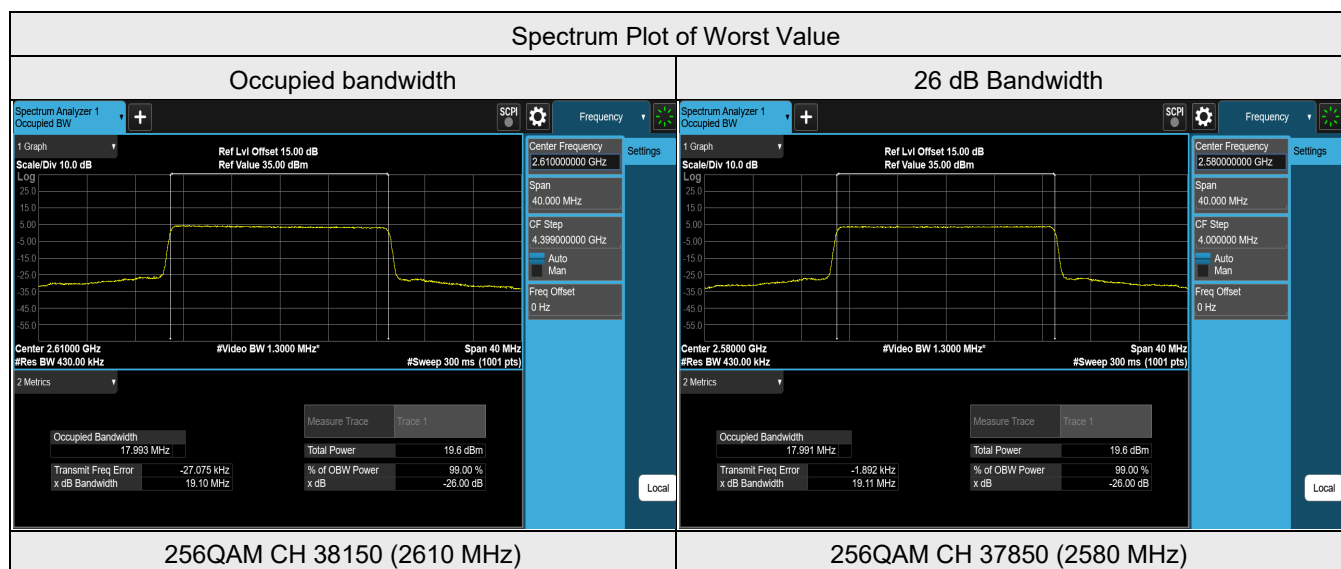
LTE Band 38, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	37825	2577.5	13.4715	14.294
QPSK	38000	2595	13.4707	14.322
QPSK	38175	2612.5	13.4751	14.273
16QAM	37825	2577.5	13.4809	14.276
16QAM	38000	2595	13.4765	14.308
16QAM	38175	2612.5	13.4723	14.257
64QAM	37825	2577.5	13.4814	14.287
64QAM	38000	2595	13.4714	14.283
64QAM	38175	2612.5	13.4915	14.297
256QAM	37825	2577.5	13.4800	14.309
256QAM	38000	2595	13.4682	14.284
256QAM	38175	2612.5	13.4833	14.336



LTE Band 38, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	37850	2580	17.9743	19.037
QPSK	38000	2595	17.9641	19.042
QPSK	38150	2610	17.9691	19.050
16QAM	37850	2580	17.9761	19.059
16QAM	38000	2595	17.9814	19.080
16QAM	38150	2610	17.9870	19.086
64QAM	37850	2580	17.9736	19.094
64QAM	38000	2595	17.9834	19.074
64QAM	38150	2610	17.9810	19.083
256QAM	37850	2580	17.9910	19.106
256QAM	38000	2595	17.9807	19.106
256QAM	38150	2610	17.9931	19.104

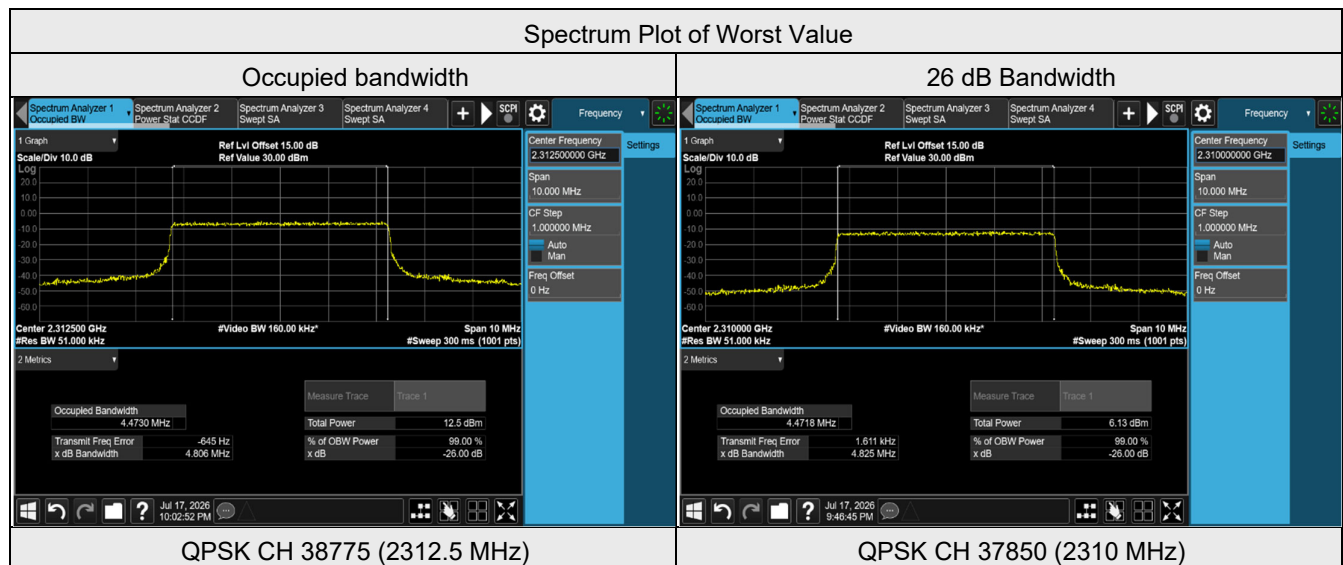


7.4.2 LTE Band 40 (2.305 GHz ~ 2.315 GHz)

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 65% RH	Tested By:	Kevin Kuo
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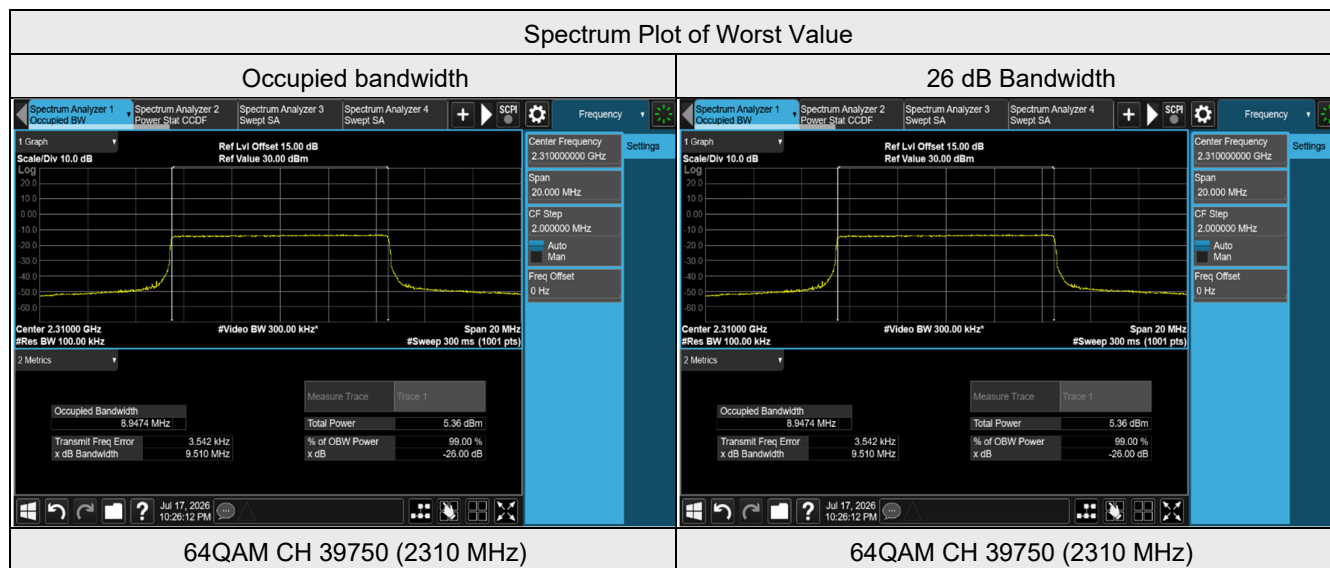
LTE Band 40 (2.305 GHz ~ 2.315 GHz), Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	38725	2307.5	4.4712	4.785
QPSK	38750	2310	4.4718	4.825
QPSK	38775	2312.5	4.4730	4.806
16QAM	38725	2307.5	4.4690	4.817
16QAM	38750	2310	4.4670	4.790
16QAM	38775	2312.5	4.4648	4.785
64QAM	38725	2307.5	4.4637	4.808
64QAM	38750	2310	4.4722	4.803
64QAM	38775	2312.5	4.4664	4.781
256QAM	38725	2307.5	4.4640	4.780
256QAM	38750	2310	4.4688	4.806
256QAM	38775	2312.5	4.4666	4.776



LTE Band 40 (2.305 GHz ~ 2.315 GHz), Channel Bandwidth: 10 MHz

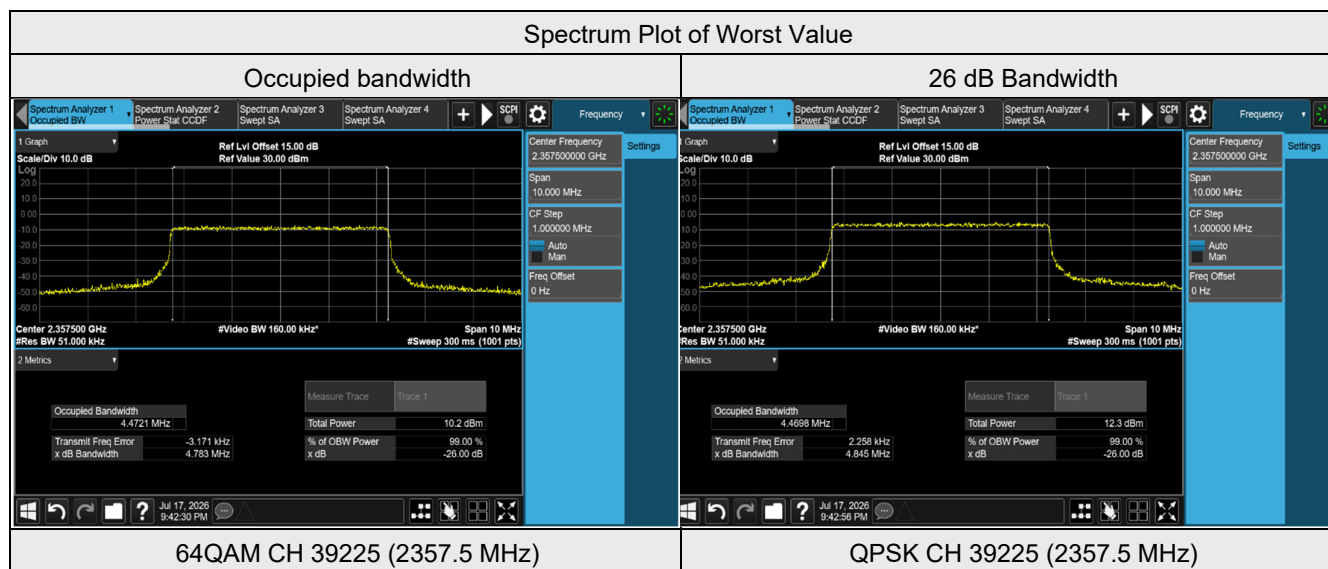
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	39750	2310	8.9323	9.443
16QAM	39750	2310	8.9262	9.428
64QAM	39750	2310	8.9474	9.510
256QAM	39750	2310	8.9297	9.393



7.4.3 LTE Band 40 (2.35 GHz ~ 2.36 GHz)

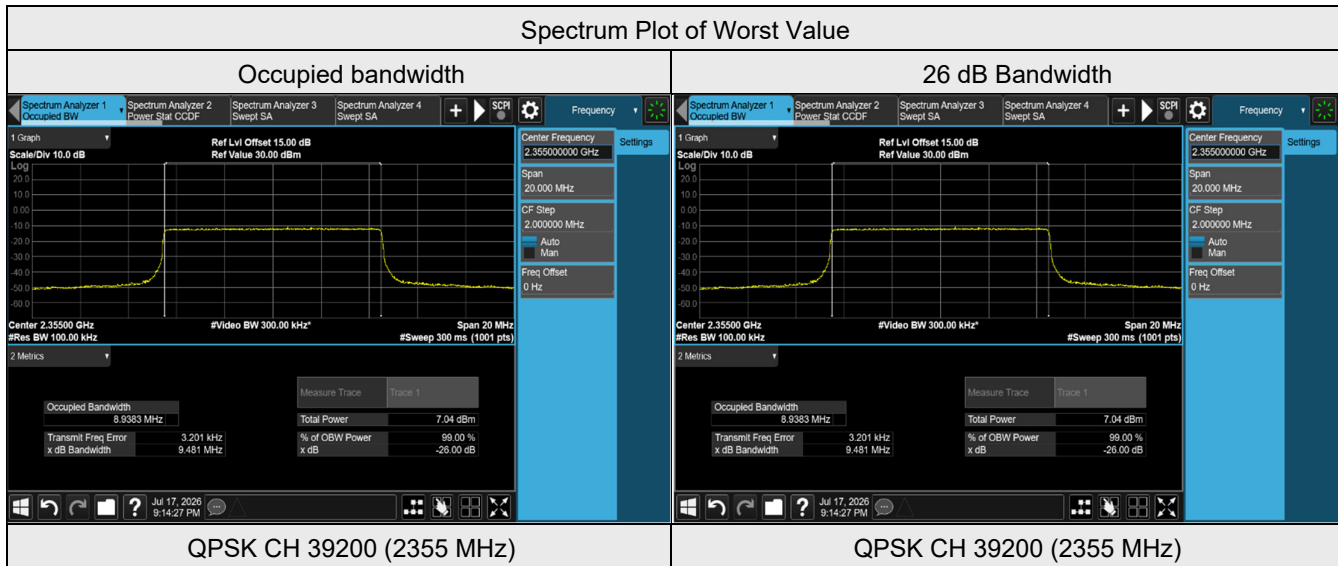
LTE Band 40 (2.35 GHz ~ 2.36 GHz), Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	39175	2352.5	4.4707	4.826
QPSK	39200	2355	4.4589	4.760
QPSK	39225	2357.5	4.4698	4.845
16QAM	39175	2352.5	4.4667	4.760
16QAM	39200	2355	4.4657	4.788
16QAM	39225	2357.5	4.4692	4.828
64QAM	39175	2352.5	4.4658	4.812
64QAM	39200	2355	4.4699	4.815
64QAM	39225	2357.5	4.4721	4.783
256QAM	39175	2352.5	4.4685	4.794
256QAM	39200	2355	4.4667	4.781
256QAM	39225	2357.5	4.4696	4.839



LTE Band 40 (2.35 GHz ~ 2.36 GHz), Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	39200	2355	8.9383	9.481
16QAM	39200	2355	8.9293	9.344
64QAM	39200	2355	8.9349	9.429
256QAM	39200	2355	8.9312	9.453



7.4.4 Inter-Band CA Mode

Configure	Combination	PCC							SCC							Total OBW (MHz)	Emission Designator	Total 26dB Bandwidth (MHz)
		Band	BW (MHz)	Modulation	UL Channel	UL Frequency (MHz)	OBW (MHz)	26dB (MHz)	Band	BW (MHz)	Modulation	UL Channel	UL Frequency (MHz)	OBW (MHz)	26dB (MHz)			
Inter Band	LTE B66 + LTE B71	B66	20	QPSK	132322	1745	17.7905	18.876	B71	20	QPSK	133297	680.5	17.769	18.904	35.5595	35M6G7D	37.78
	LTE B71 + LTE B66	B71	20	QPSK	133297	680.5	17.769	18.904	B66	20	QPSK	132322	1745	17.7905	18.876	35.5595	35M6G7D	37.78
	LTE B66 + LTE B7	B66	20	QPSK	132322	1745	17.7905	18.876	B7	20	QPSK	21100	2535	17.7811	18.87	35.5716	35M6G7D	37.746

7.5 Conducted Spurious Emissions

LTE Band 2, Band 4, Band 5, Band 7, Band 12, Band 13, Band 14, Band 17, Band 25, Band 26, Band 30, Band 41, Band 42, Band 43, Band 66, Band 71

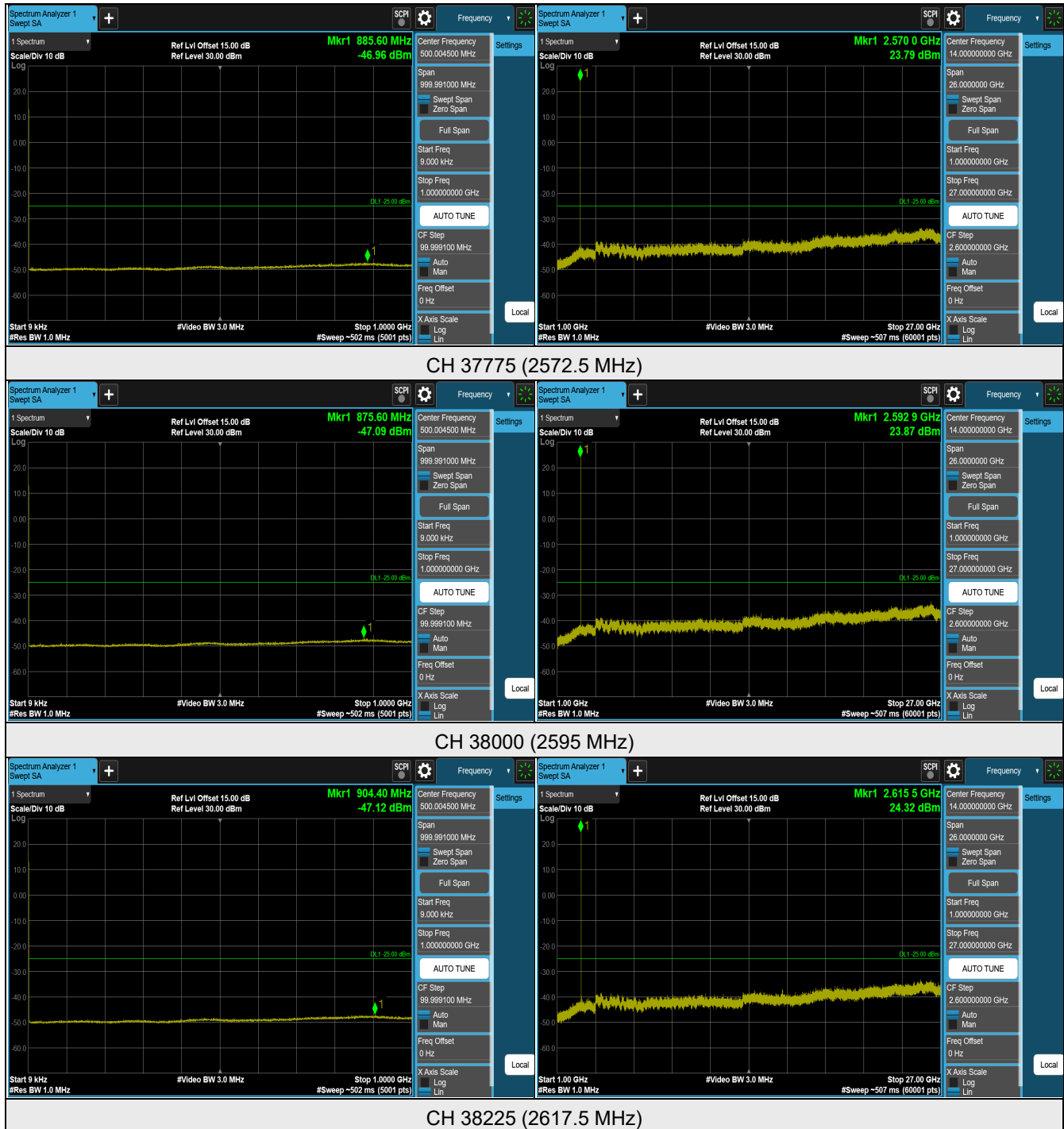
Please refer to certified modular device FCC ID: GKRRXLN4N

Grant Date:05/26/2026 test report.

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 68% RH	Tested By:	Noah Chang
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7.5.1 LTE Band 38

LTE Band 38, Channel Bandwidth: 5 MHz



Note: The signal at 9 kHz is IF signal from spectrum analyzer.