RF Test Report

Applicant	:	Getac Technology Corporation
Product Type	:	Wireless Module
Trade Name	:	Getac
Model Number	:	EM7511
Applicable Standard	:	FCC 47 CFR PART 22H FCC 47 CFR PART 24E FCC 47 CFR PART 27 ANSI C63.26
Receive Date	:	Mar. 06, 2019
Test Period	:	Apr. 10 ~ May 03, 2019
Issue Date	:	Jun. 18, 2019

Issue by

A Test Lab Techno Corp.
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Taiwan Accreditation Foundation accreditation number: 1330
Test Firm MRA designation number: TW0010

Revision History

Rev.	Issue Date	Revisions	Revised By
00	May 10, 2019	Initial Issue	Nina Lin
01	Jun. 18, 2019	Page 78 ~ 81 Added Test Photographs	Nina Lin

Verification of Compliance

Issued Date: Jun. 18, 2019

Applicant	:	Getac Technology Corporation
Product Type	:	Wireless Module
Trade Name	:	Getac
Model Number	:	EM7511
FCC ID	:	QYLEM7511U
EUT Rated Voltage	:	DC 3.7 V
Test Voltage	:	120 Vac, 60 Hz
Applicable Standard	:	FCC 47 CFR PART 22H FCC 47 CFR PART 24E FCC 47 CFR PART 27 ANSI C63.26
Test Result	:	Complied
Performing Lab.	:	A Test Lab Techno Corp. No. 140-1, Changan Street, Bade District, Taoyuan City 33465, Taiwan (R.O.C.) Tel：+886-3-2710188 / Fax：+886-3-2710190 Taiwan Accreditation Foundation accreditation number: 1330 http://www.atl-lab.com.tw/e-index.htm

A Test Lab Techno Corp. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by A Test Lab Techno Corp. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Approved By	:	Fly Lu	Reviewed By	: Eric Ou Yang
(Manager)		(Fly Lu)	(Testing Engineer)	(Eric Ou Yang)

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1 General Information

1.1. EUT Description

Applicant	Getac Technology Corporation 5F.,Building A,No.209,Sec.1 Nangang.,Rd., Taipei City, 11568, Taiwan		
Manufacturer	Sierra Wireless Inc. 13811 Wireless Way, Richmond, BC, V6V 3A4, Canada		
Product Type	Wireless Module		
Trade Name	Getac		
Model Number	EM7511		
FCC ID	QYLEM7511U		
Class II Permissive Change	This is to request a Class II permissive change for FCC ID:QYLEM7511U , originally granted on 2019/4/30 The major change filed under this application is: Change #1: Additional Chassis added, Getac, model number: UX10 #2: Addition one antenna, the antenna type is same, the antenna gain is low than the original application. #3: Disable LTE band 30 & LTE band 48 by software.		
Host Information	Product Type: Tablet Trade Name: Getac Model Name: UX10		
IMEI No.	351664100100110		
Operate Band	Frequency Range (MHz)	Modulation	Channel Bandwidth
LTE Band 2	UL: 1850 ~ 1910	QPSK, 16QAM	1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz, 20 MHz
	DL: 1930 ~ 1990	QPSK, 16QAM	
LTE Band 4	UL: 1710 ~ 1755	QPSK, 16QAM	1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz, 20 MHz
	DL: 2110 ~ 2155	QPSK, 16QAM	
LTE Band 5	UL: 824 ~ 849	QPSK, 16QAM	1.4 MHz, 3 MHz, 5 MHz, 10 MHz
	DL: 869 ~ 894	QPSK, 16QAM	
LTE Band 7	UL: 2500 ~ 2570	QPSK, 16QAM	5 MHz, 10 MHz, 15 MHz, 20 MHz
	DL: 2620 ~ 2690	QPSK, 16QAM	
LTE Band 12	UL: 699 ~ 716	QPSK, 16QAM	1.4 MHz, 3 MHz, 5 MHz, 10 MHz
	DL: 728 ~ 746	QPSK, 16QAM	
LTE Band 13	UL: 777 ~ 787	QPSK, 16QAM	5 MHz, 10 MHz
	DL: 746 ~ 756	QPSK, 16QAM	
LTE Band 26(Part 22)	UL: 824 ~ 849	QPSK, 16QAM	1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz
	DL: 869 ~ 894	QPSK, 16QAM	
LTE Band 41	UL/DL: 2496 ~ 2690	QPSK, 16QAM	5 MHz, 10 MHz, 15 MHz, 20 MHz
LTE Band 66	UL: 1710 ~ 1780	QPSK, 16QAM	1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz, 20 MHz
	DL: 2110 ~ 2200	QPSK, 16QAM	

Type of Antenna	FPC Antenna		
Antenna Gain	Main	LTE Band 2	3.01 dBi
		LTE Band 4	3.16 dBi
		LTE Band 5	0.47 dBi
		LTE Band 7	2.32 dBi
		LTE Band 12	-0.21 dBi
		LTE Band 13	1.06 dBi
		LTE Band 26	0.49 dBi
		LTE Band 41	3.18 dBi
		LTE Band 66	3.22 dBi
	AUX	LTE Band 2	3.23 dBi
		LTE Band 4	0.95 dBi
		LTE Band 5	0.30 dBi
		LTE Band 7	4.02 dBi
		LTE Band 12	-0.95 dBi
		LTE Band 13	-1.38 dBi
		LTE Band 26	0.30 dBi
		LTE Band 41	4.02 dBi
		LTE Band 66	0.95 dBi
Operate Temp. Range	-40 ~ 85 ℃		

Band	Channel Bandwidth	Modulation	Max. RF Output Power	E.R.P. /E.I.R.P.
			(W)	(W)
LTE Band2	1.4 MHz	QPSK	0.231	---
LTE Band2	1.4 MHz	16QAM	0.191	---
LTE Band2	3 MHz	QPSK	0.231	---
LTE Band2	3 MHz	16QAM	0.195	---
LTE Band2	5 MHz	QPSK	0.229	---
LTE Band2	5 MHz	16QAM	0.195	---
LTE Band2	10 MHz	QPSK	0.236	---
LTE Band2	10 MHz	16QAM	0.196	---
LTE Band2	15 MHz	QPSK	0.237	---
LTE Band2	15 MHz	16QAM	0.202	---
LTE Band2	20 MHz	QPSK	0.236	---
LTE Band2	20 MHz	16QAM	0.198	---
LTE Band4	1.4 MHz	QPSK	0.221	---
LTE Band4	1.4 MHz	16QAM	0.187	---
LTE Band4	3 MHz	QPSK	0.225	---
LTE Band4	3 MHz	16QAM	0.188	---
LTE Band4	5 MHz	QPSK	0.222	---
LTE Band4	5 MHz	16QAM	0.189	---
LTE Band4	10 MHz	QPSK	0.227	---
LTE Band4	10 MHz	16QAM	0.191	---
LTE Band4	15 MHz	QPSK	0.233	---
LTE Band4	15 MHz	16QAM	0.199	---
LTE Band4	20 MHz	QPSK	0.234	---
LTE Band4	20 MHz	16QAM	0.196	---
LTE Band5	1.4 MHz	QPSK	0.237	---
LTE Band5	1.4 MHz	16QAM	0.198	---
LTE Band5	3 MHz	QPSK	0.238	---
LTE Band5	3 MHz	16QAM	0.201	---
LTE Band5	5 MHz	QPSK	0.235	---
LTE Band5	5 MHz	16QAM	0.199	---
LTE Band5	10 MHz	QPSK	0.233	---
LTE Band5	10 MHz	16QAM	0.200	---

Band	Channel Bandwidth	Modulation	Max. RF Output Power	E.R.P. /E.I.R.P.
			(W)	(W)
LTE Band7	5 MHz	QPSK	0.185	---
LTE Band7	5 MHz	16QAM	0.178	---
LTE Band7	10 MHz	QPSK	0.192	---
LTE Band7	10 MHz	16QAM	0.184	---
LTE Band7	15 MHz	QPSK	0.182	---
LTE Band7	15 MHz	16QAM	0.183	---
LTE Band7	20 MHz	QPSK	0.191	---
LTE Band7	20 MHz	16QAM	0.186	---
LTE Band12	1.4 MHz	QPSK	0.241	---
LTE Band12	1.4 MHz	16QAM	0.194	---
LTE Band12	3 MHz	QPSK	0.233	---
LTE Band12	3 MHz	16QAM	0.195	---
LTE Band12	5 MHz	QPSK	0.232	---
LTE Band12	5 MHz	16QAM	0.197	---
LTE Band12	10 MHz	QPSK	0.231	---
LTE Band12	10 MHz	16QAM	0.194	---
LTE Band13	5 MHz	QPSK	0.242	0.220
LTE Band13	5 MHz	16QAM	0.205	---
LTE Band13	10 MHz	QPSK	0.238	---
LTE Band13	10 MHz	16QAM	0.200	---
LTE Band26(Part 22)	1.4 MHz	QPSK	0.236	---
LTE Band26(Part 22)	1.4 MHz	16QAM	0.200	---
LTE Band26(Part 22)	3 MHz	QPSK	0.238	---
LTE Band26(Part 22)	3 MHz	16QAM	0.204	---
LTE Band26(Part 22)	5 MHz	QPSK	0.233	---
LTE Band26(Part 22)	5 MHz	16QAM	0.200	---
LTE Band26(Part 22)	10 MHz	QPSK	0.233	---
LTE Band26(Part 22)	10 MHz	16QAM	0.199	---
LTE Band26(Part 22)	15 MHz	QPSK	0.237	---
LTE Band26(Part 22)	15 MHz	16QAM	0.200	---

Band	Channel Bandwidth	Modulation	Max. RF Output Power	E.R.P. /E.I.R.P.
			(W)	(W)
LTE Band41	5 MHz	QPSK	0.161	---
LTE Band41	5 MHz	16QAM	0.141	---
LTE Band41	10 MHz	QPSK	0.174	---
LTE Band41	10 MHz	16QAM	0.151	---
LTE Band41	15 MHz	QPSK	0.174	---
LTE Band41	15 MHz	16QAM	0.147	---
LTE Band41	20 MHz	QPSK	0.228	---
LTE Band41	20 MHz	16QAM	0.188	---
LTE Band66	1.4 MHz	QPSK	0.218	---
LTE Band66	1.4 MHz	16QAM	0.183	---
LTE Band66	3 MHz	QPSK	0.223	---
LTE Band66	3 MHz	16QAM	0.188	---
LTE Band66	5 MHz	QPSK	0.220	---
LTE Band66	5 MHz	16QAM	0.185	---
LTE Band66	10 MHz	QPSK	0.228	---
LTE Band66	10 MHz	16QAM	0.192	---
LTE Band66	15 MHz	QPSK	0.234	---
LTE Band66	15 MHz	16QAM	0.196	---
LTE Band66	20 MHz	QPSK	0.236	---
LTE Band66	20 MHz	16QAM	0.196	---

1.2. Mode of Operation

Three channels had been tested for each channel bandwidth.

LTE Band 2						
Channel Bandwidth	1.4 MHz		3 MHz		5 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	18607	1850.7	18615	1851.5	18625	1852.5
Middle CH	18900	1880.0	18900	1880.0	18900	1880.0
High CH	19193	1909.3	19185	1908.5	19175	1907.5
Channel Bandwidth	10 MHz		15 MHz		20 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	18650	1855.0	18675	1857.5	18700	1860.0
Middle CH	18900	1880.0	18900	1880.0	18900	1880.0
High CH	19150	1905.0	19125	1902.5	19100	1900.0

LTE Band 4						
Channel Bandwidth	1.4 MHz		3 MHz		5 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	19957	1710.7	19965	1711.5	19975	1712.5
Middle CH	20175	1732.5	20175	1732.5	20175	1732.5
High CH	20393	1754.3	20385	1753.5	20375	1752.5
Channel Bandwidth	10 MHz		15 MHz		20 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	20000	1715.0	20025	1717.5	20050	1720.0
Middle CH	20175	1732.5	20175	1732.5	20175	1732.5
High CH	20350	1750.0	20325	1747.5	20300	1745.0

Note: Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

LTE Band 5				
Channel Bandwidth	1.4 MHz		3 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	20407	824.7	20415	825.5
Middle CH	20525	836.5	20525	836.5
High CH	20643	848.3	20635	847.5
Channel Bandwidth	5 MHz		10 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	20425	826.5	20450	829.0
Middle CH	20525	836.5	20525	836.5
High CH	20625	846.5	20600	844.0

LTE Band 7				
Channel Bandwidth	5 MHz		10 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	20775	2502.5	20800	2505.0
Middle CH	21100	2535.0	21100	2535.0
High CH	21425	2567.5	21400	2565.0
Channel Bandwidth	15 MHz		20 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	20825	2507.5	20850	2510.0
Middle CH	21100	2535.0	21100	2535.0
High CH	21375	2562.5	21350	2560.0

Note: Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

LTE Band 12				
Channel Bandwidth	1.4 MHz		3 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	23017	699.7	23025	700.5
Middle CH	23095	707.5	23095	707.5
High CH	23173	715.3	23165	714.5
Channel Bandwidth	5 MHz		10 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	23035	701.5	23060	704.0
Middle CH	23095	707.5	23095	707.5
High CH	23155	713.5	23130	711.0

LTE Band 13				
Channel Bandwidth	5 MHz		10 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	23205	779.5	---	---
Middle CH	23230	782.0	23230	782.0
High CH	23255	784.5	---	---

Note: Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

LTE Band 26 (Part 22)						
Channel Bandwidth	1.4 MHz		3 MHz		5 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	26797	824.7	26805	825.5	26815	826.5
Middle CH	26915	836.5	26915	836.5	26915	836.5
High CH	27003	848.3	27025	847.5	27015	846.5
Channel Bandwidth	10 MHz		15 MHz		NA	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	NA	NA
Low CH	26840	829.0	26865	831.5	NA	NA
Middle CH	26915	836.5	26915	836.5	NA	NA
High CH	26990	844.0	26965	841.5	NA	NA

LTE Band 41				
Channel Bandwidth	5 MHz		10 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	39675	2498.5	39700	2501.0
Middle CH	40620	2593.0	40620	2593.0
High CH	41565	2687.5	41540	2685.0
Channel Bandwidth	15 MHz		20 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	39725	2503.5	39750	2506.0
Middle CH	40620	2593.0	40620	2593.0
High CH	41515	2682.5	41490	2680.0

Note: Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

LTE Band 66						
Channel Bandwidth	1.4 MHz		3 MHz		5 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	131979	1710.7	131987	1711.5	131997	1712.5
Middle CH	132197	1732.5	132197	1732.5	132197	1732.5
High CH	132415	1754.3	132407	1753.5	132397	1752.5
Channel Bandwidth	10 MHz		15 MHz		20 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	132022	1715.0	132047	1717.5	132072	1720.0
Middle CH	132197	1732.5	132197	1732.5	132197	1732.5
High CH	132372	1750.0	132347	1747.5	132322	1745.0

Note: Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

During all testing, EUT is in link mode with base station emulator at maximum power level. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission.

Frequency range investigated for radiated emission: 9 kHz to10th Harmonic

Band	Channel Bandwidth	Test Modes	
LTE Band 2	1.4 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 2) Link ☐ LTE(RB Size 1, RB Offset 5) Link ☐ LTE(RB Size 3, RB Offset 0) Link ☐ LTE(RB Size 3, RB Offset 1) Link ☐ LTE(RB Size 3, RB Offset 3) Link ☐ LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 7) Link ☐ LTE(RB Size 1, RB Offset 14) Link ☐ LTE(RB Size 8, RB Offset 0) Link ☐ LTE(RB Size 8, RB Offset 3) Link ☐ LTE(RB Size 8, RB Offset 7) Link ☐ LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 37) Link ☐ LTE(RB Size 1, RB Offset 74) Link ☐ LTE(RB Size 36, RB Offset 0) Link ☐ LTE(RB Size 36, RB Offset 19) Link ☐ LTE(RB Size 36, RB Offset 39) Link ☐ LTE(RB Size 75, RB Offset 0) Link	QPSK
	20 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 1, RB Offset 99) Link ☐ LTE(RB Size 50, RB Offset 0) Link ☐ LTE(RB Size 50, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 50) Link ☐ LTE(RB Size 100, RB Offset 0) Link	QPSK

Band	Channel Bandwidth	Test Modes	
LTE Band 4	1.4 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 2) Link ☐ LTE(RB Size 1, RB Offset 5) Link ☐ LTE(RB Size 3, RB Offset 0) Link ☑ LTE(RB Size 3, RB Offset 1) Link ☐ LTE(RB Size 3, RB Offset 3) Link ☐ LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☑ LTE(RB Size 1, RB Offset 7) Link ☐ LTE(RB Size 1, RB Offset 14) Link ☐ LTE(RB Size 8, RB Offset 0) Link ☐ LTE(RB Size 8, RB Offset 3) Link ☐ LTE(RB Size 8, RB Offset 7) Link ☐ LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 37) Link ☐ LTE(RB Size 1, RB Offset 74) Link ☐ LTE(RB Size 36, RB Offset 0) Link ☐ LTE(RB Size 36, RB Offset 19) Link ☐ LTE(RB Size 36, RB Offset 39) Link ☐ LTE(RB Size 75, RB Offset 0) Link	QPSK
	20 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 1, RB Offset 99) Link ☐ LTE(RB Size 50, RB Offset 0) Link ☐ LTE(RB Size 50, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 50) Link ☐ LTE(RB Size 100, RB Offset 0) Link	QPSK

Band	Channel Bandwidth	Test Modes	
LTE Band 5	1.4 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 2) Link ☐ LTE(RB Size 1, RB Offset 5) Link ☐ LTE(RB Size 3, RB Offset 0) Link ☑ LTE(RB Size 3, RB Offset 1) Link ☐ LTE(RB Size 3, RB Offset 3) Link ☐ LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☑ LTE(RB Size 1, RB Offset 7) Link ☐ LTE(RB Size 1, RB Offset 14) Link ☐ LTE(RB Size 8, RB Offset 0) Link ☐ LTE(RB Size 8, RB Offset 3) Link ☐ LTE(RB Size 8, RB Offset 7) Link ☐ LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☑ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK
LTE Band 7	5 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☑ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 37) Link ☑ LTE(RB Size 1, RB Offset 74) Link ☐ LTE(RB Size 36, RB Offset 0) Link ☐ LTE(RB Size 36, RB Offset 19) Link ☐ LTE(RB Size 36, RB Offset 39) Link ☐ LTE(RB Size 75, RB Offset 0) Link	QPSK
	20 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 1, RB Offset 99) Link ☐ LTE(RB Size 50, RB Offset 0) Link ☐ LTE(RB Size 50, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 50) Link ☐ LTE(RB Size 100, RB Offset 0) Link	QPSK

Band	Channel Bandwidth	Test Modes	
LTE Band 12	1.4 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 2) Link ☐ LTE(RB Size 1, RB Offset 5) Link ☐ LTE(RB Size 3, RB Offset 0) Link ☑ LTE(RB Size 3, RB Offset 1) Link ☐ LTE(RB Size 3, RB Offset 3) Link ☐ LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☑ LTE(RB Size 1, RB Offset 7) Link ☐ LTE(RB Size 1, RB Offset 14) Link ☐ LTE(RB Size 8, RB Offset 0) Link ☐ LTE(RB Size 8, RB Offset 3) Link ☐ LTE(RB Size 8, RB Offset 7) Link ☐ LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☑ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK
LTE Band 13	5 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☑ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK

Band	Channel Bandwidth	Test Modes	
LTE Band 26 (Part 22)	1.4 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 2) Link ☐ LTE(RB Size 1, RB Offset 5) Link ☐ LTE(RB Size 3, RB Offset 0) Link ☑ LTE(RB Size 3, RB Offset 1) Link ☐ LTE(RB Size 3, RB Offset 3) Link ☐ LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☑ LTE(RB Size 1, RB Offset 7) Link ☐ LTE(RB Size 1, RB Offset 14) Link ☐ LTE(RB Size 8, RB Offset 0) Link ☐ LTE(RB Size 8, RB Offset 3) Link ☐ LTE(RB Size 8, RB Offset 7) Link ☐ LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☑ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 37) Link ☐ LTE(RB Size 1, RB Offset 74) Link ☐ LTE(RB Size 36, RB Offset 0) Link ☐ LTE(RB Size 36, RB Offset 19) Link ☐ LTE(RB Size 36, RB Offset 39) Link ☐ LTE(RB Size 75, RB Offset 0) Link	QPSK

Band	Channel Bandwidth	Test Modes	
LTE Band 41	5 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☑ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 37) Link ☐ LTE(RB Size 1, RB Offset 74) Link ☐ LTE(RB Size 36, RB Offset 0) Link ☐ LTE(RB Size 36, RB Offset 19) Link ☐ LTE(RB Size 36, RB Offset 39) Link ☐ LTE(RB Size 75, RB Offset 0) Link	QPSK
	20 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☑ LTE(RB Size 1, RB Offset 99) Link ☐ LTE(RB Size 50, RB Offset 0) Link ☐ LTE(RB Size 50, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 50) Link ☐ LTE(RB Size 100, RB Offset 0) Link	QPSK

Band	Channel Bandwidth	Test Modes	
LTE Band 66	1.4 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 2) Link ☐ LTE(RB Size 1, RB Offset 5) Link ☐ LTE(RB Size 3, RB Offset 0) Link ☑ LTE(RB Size 3, RB Offset 1) Link ☐ LTE(RB Size 3, RB Offset 3) Link ☐ LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☑ LTE(RB Size 1, RB Offset 7) Link ☐ LTE(RB Size 1, RB Offset 14) Link ☐ LTE(RB Size 8, RB Offset 0) Link ☐ LTE(RB Size 8, RB Offset 3) Link ☐ LTE(RB Size 8, RB Offset 7) Link ☐ LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 37) Link ☐ LTE(RB Size 1, RB Offset 74) Link ☐ LTE(RB Size 36, RB Offset 0) Link ☐ LTE(RB Size 36, RB Offset 19) Link ☐ LTE(RB Size 36, RB Offset 39) Link ☐ LTE(RB Size 75, RB Offset 0) Link	QPSK
	20 MHz	☑ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 1, RB Offset 99) Link ☐ LTE(RB Size 50, RB Offset 0) Link ☐ LTE(RB Size 50, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 50) Link ☐ LTE(RB Size 100, RB Offset 0) Link	QPSK

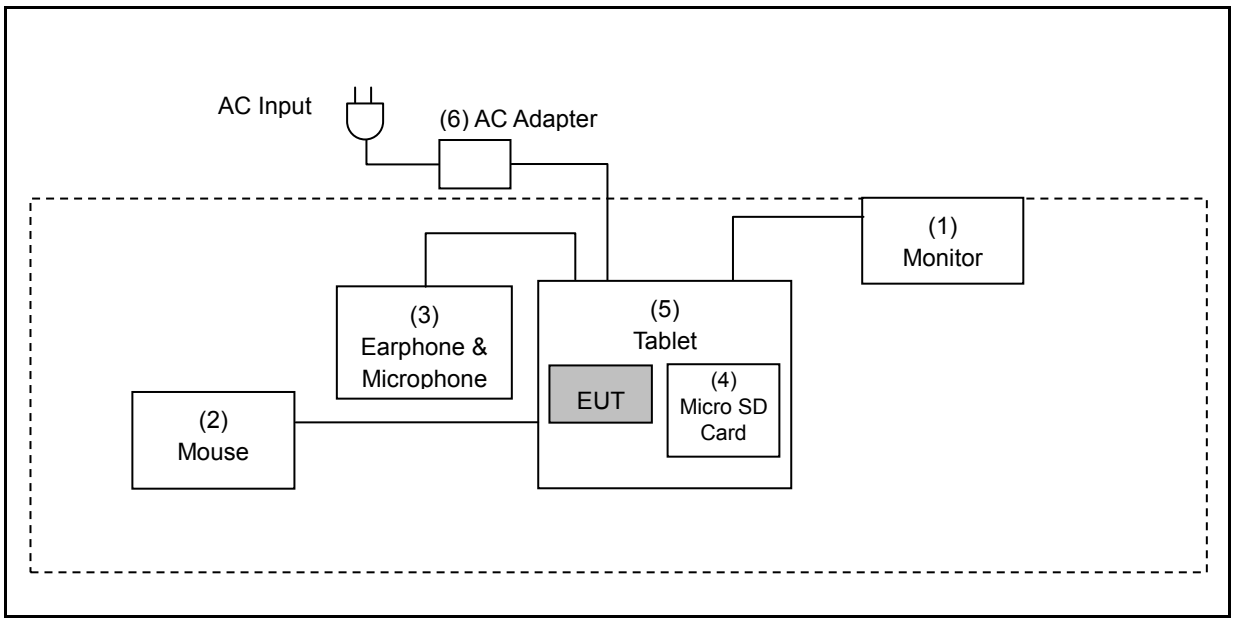
1.3. EUT Test Step

1	Setup the EUT shown on “Configuration of Test System Details”.
2	Turn on the power of all equipment.
3	EUT run test program test.

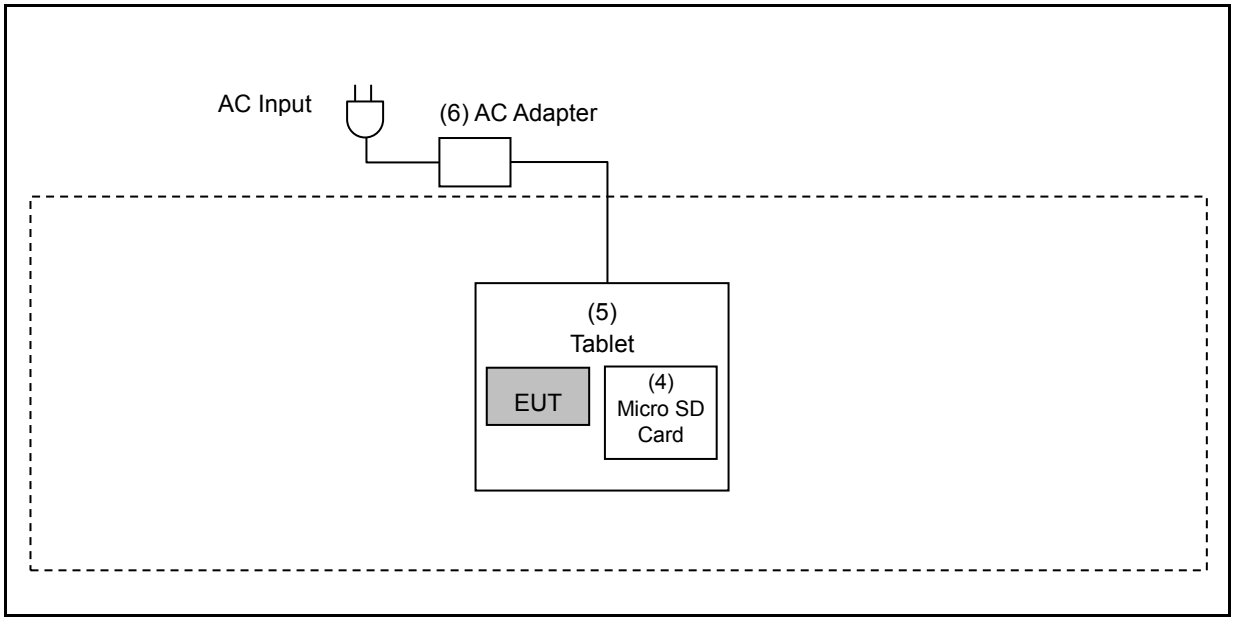
Measurement Software			
No.	Description	Software	Version
1	Radiated Emission	EZ EMC	1.1.4.4

1.4. Configuration of Test System Details

Radiated Emission_ Below 1 GHz



Radiated Emission_ Above 1 GHz



Devices Description					
Product		Manufacturer	Model Number	Serial Number	Power Cord
(1)	Monitor	DELL	P2415Qb	CN-0D3C8Y-74261-523-0HUL	---
(2)	Mouse	Logitech	M-UAG96B	---	---
(3)	Earphone & Microphone	HTC	---	---	---
(4)	Micro SD Card	Transcend	---	---	---
(5)	Tablet	Getac	UX10	---	---
(6)	AC adapter	FSP	FSP065-RBBN3	---	---

1.5. Test Instruments

For Conducted

Test Period: Apr. 10 ~ Apr. 11, 2019

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
Power Supply	KEITHLEY	2303	4045290	02/12/2019	1 year
Radio Communication Analyzer	Anritsu	MT8820C	6201342039	12/13/2018	1 year

For Radiated Emissions

Test Period: May 03, 2019

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
EXA Signal Analyzer (10 Hz~44 GHz)	Keysight	N9010A	MY52221312	01/14/2019	1 year
Pre Amplifier (1~26.5 GHz)	Agilent	8449B	3008A02237	10/16/2018	1 year
Pre Amplifier (100 kHz~1.3 GHz	Agilent	8447D	2944A11119	01/14/2019	1 year
Trilog Broadband Antenna	Schwarzbeck Mess-Elektronik	VULB9168	416	10/23/2018	1 year
Horn Antenna (1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	08/23/2018	1 year
RF Cable	EMCI	EMC104-N-N-6000	TE01-1	02/20/2019	1 year
Microwave Cable	EMCI	EMC104-SM-SM-13000	170814	10/30/2018	1 year
Microwave Cable	EMCI	EMC102-KM-KM-14000	151001	02/20/2019	1 year

1.6. Test Site Environment

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	26
Humidity (%RH)	25-75	60
Barometric pressure (mbar)	860-1060	990

Test Setting Condition		
N.V.	Normal Voltage	AC 120 V
N.T.	Normal Temperature	+25 °C

1.7. Summary of Test Result

FCC Rule	Description	Result
§2.1046	Conducted Output Average Power	Pass
§22.913 §24.232 §27. 50	Equivalent Isotropic Radiated Power / Equivalent Radiated Power	Pass (Note2)
§2.1055 §22.355 §24.235 §27. 54	Frequency Stability	N/A (Note1)
§2.1049	Emission Bandwidth & Occupied Bandwidth	N/A (Note1)
§24.232 §27.50	Peak to average ratio	N/A (Note1)
§2.1051 §22.917 §24.238 §27.53	Band Edge	N/A (Note1)
§2.1051 §22.917 §24.238 §27.53	Conducted Spurious Emissions	N/A (Note1)
§2.1053 §22.917 §24.238 §27.53	Radiated Spurious Emissions	Pass (Note2)

Note1: Class II permissive change. No need for verification.

Note2: Equivalent Isotropic Radiated Power / Equivalent Radiated Power and Radiated Spurious Emissions is tested using the worst Conducted Output Average Power.

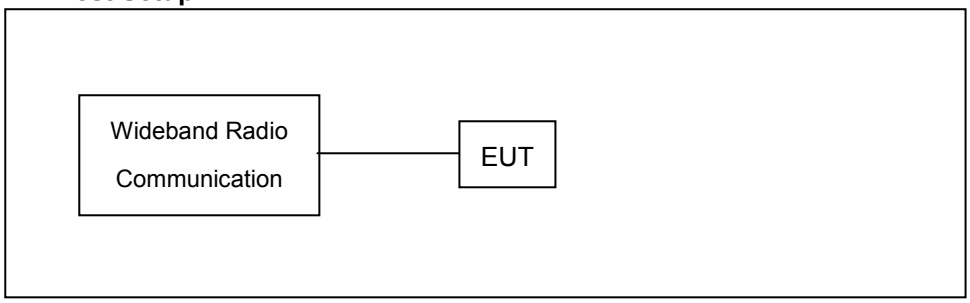
2 Measurement Procedure

2.1. Conducted Output Average Power Test

■ Limit

N/A

■ Test Setup



■ Test Procedure

a. The EUT was set up for the maximum power with simulator.

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

■ Uncertainty

The measurement uncertainty is defined as for Conducted Power measurement is 1.2 dB.

2.2. Effective Radiated Power / Equivalent Isotropic Radiated Power Test

■ Limit

For FCC Part 27: The EIRP of Portable transmitters and auxiliary test transmitters must not exceed 1 Watts.

For FCC Part 27.50(b)(10): 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 FCC Part 27.50(c)(10): 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 FCC Part 27.50(h)(2): Portable stations are limited to 2.0 watts EIRP.

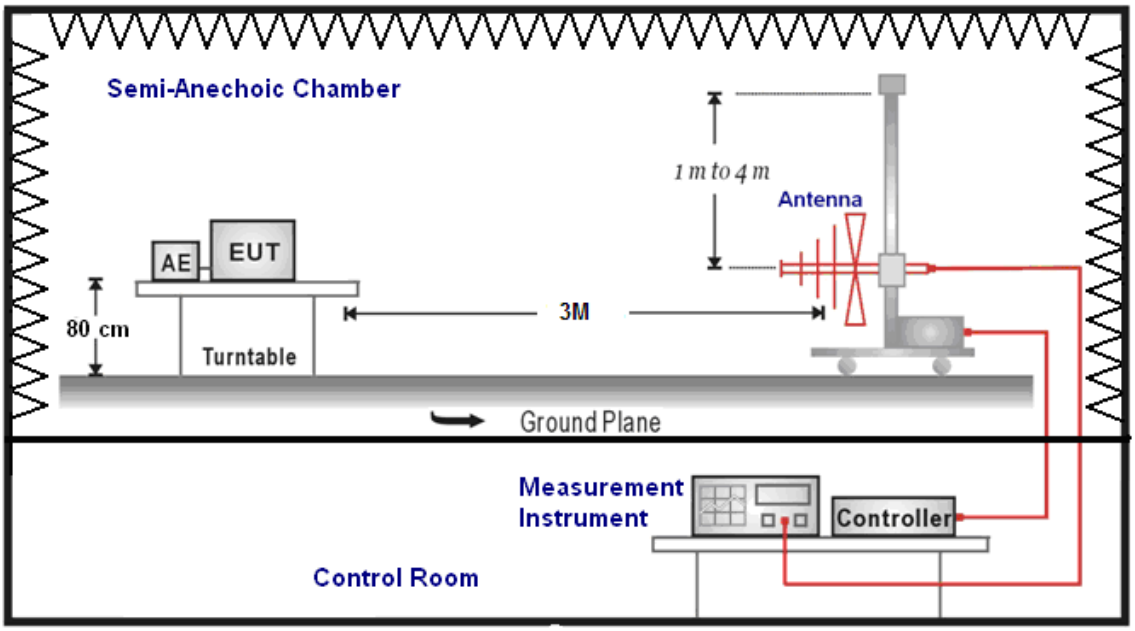
For FCC Part 22.913(a)(5): The ERP of Portable transmitters and auxiliary test transmitters must not exceed 7 Watts.

For FCC Part 24.232(c): The E.I.R.P. of Mobile and portable stations test transmitters must not exceed 2 Watts.

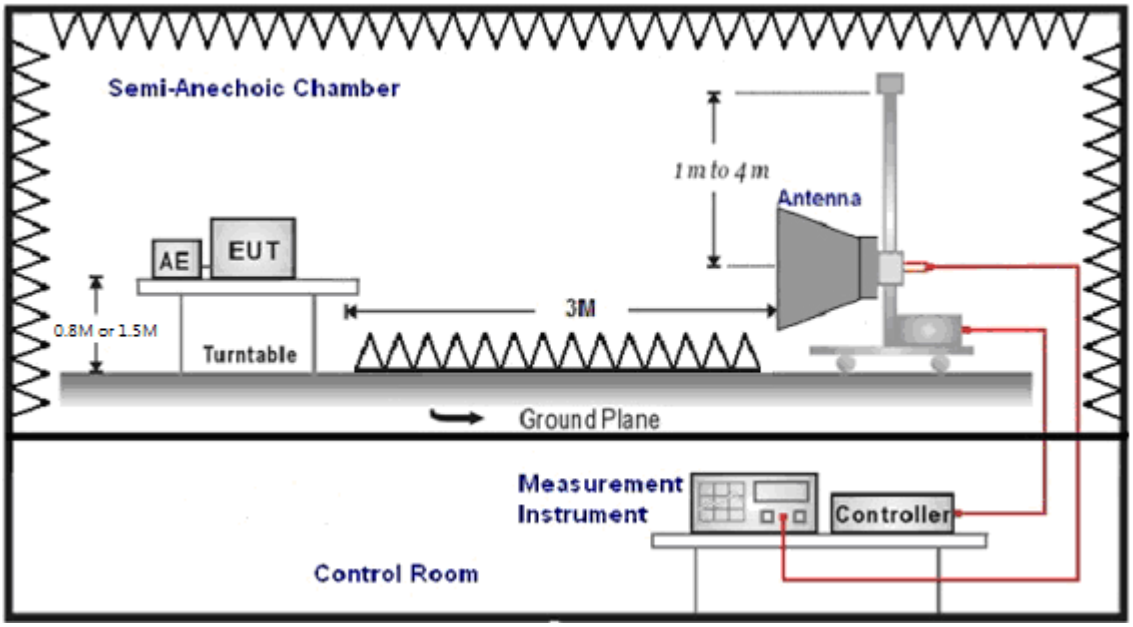
For FCC Part 27.50(h)(2): Portable stations in BRS and EBS band are limited to 2 watts EIRP.

■ Test Setup

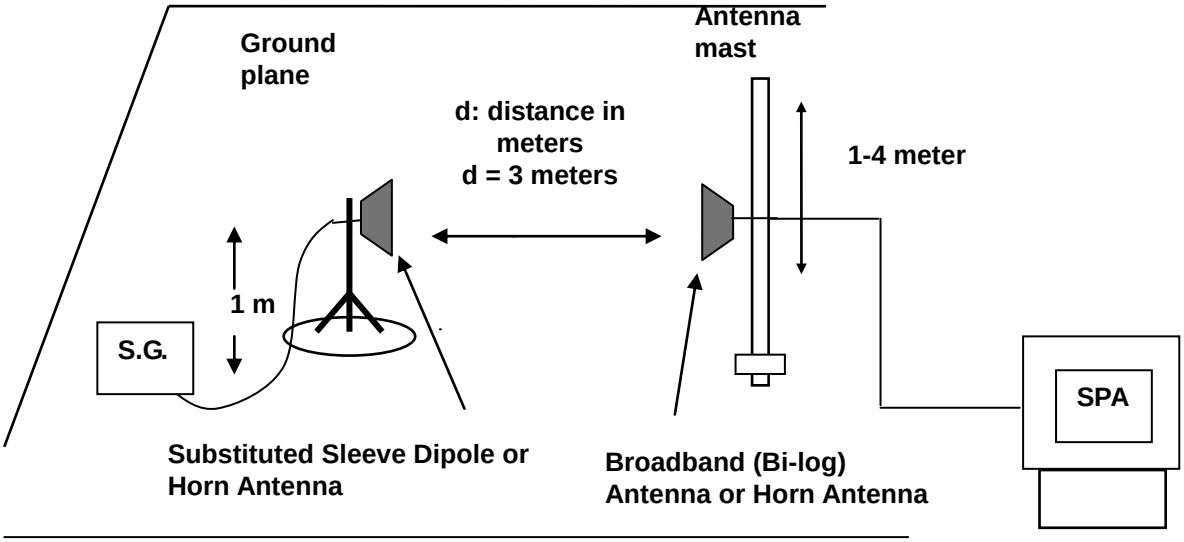
Below 1 GHz



Above 1 GHz



For Substituted Method Test Set-UP



■ Test Procedure

a. The EUT was set up for the maximum power with wwan link data modulation. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high operational frequency range).

b. E.I.R.P power measurement. In the semi-anechoic chamber, EUT placed on the 0.8 m (1.5 m for 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.

c. The substitution antenna (Note:1 & 2) is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value” of step a. Record the power level of S.G.

d. E.I.R.P. = Output power level of S.G - TX cable loss + Antenna gain of substitution horn

e. E.R.P. = E.I.R.P- 2.15 dB

Note: 1. Below 1 GHz Substituted Method Test：Sleeve dipole antenna to Bi-Log Antenna

2. Above 1 GHz Substituted Method Test：Horn antenna to Horn Antenna

■ Uncertainty

The measurement uncertainty is defined as for Field Strength of Spurious Radiation measurement is ± 3.072 dB.

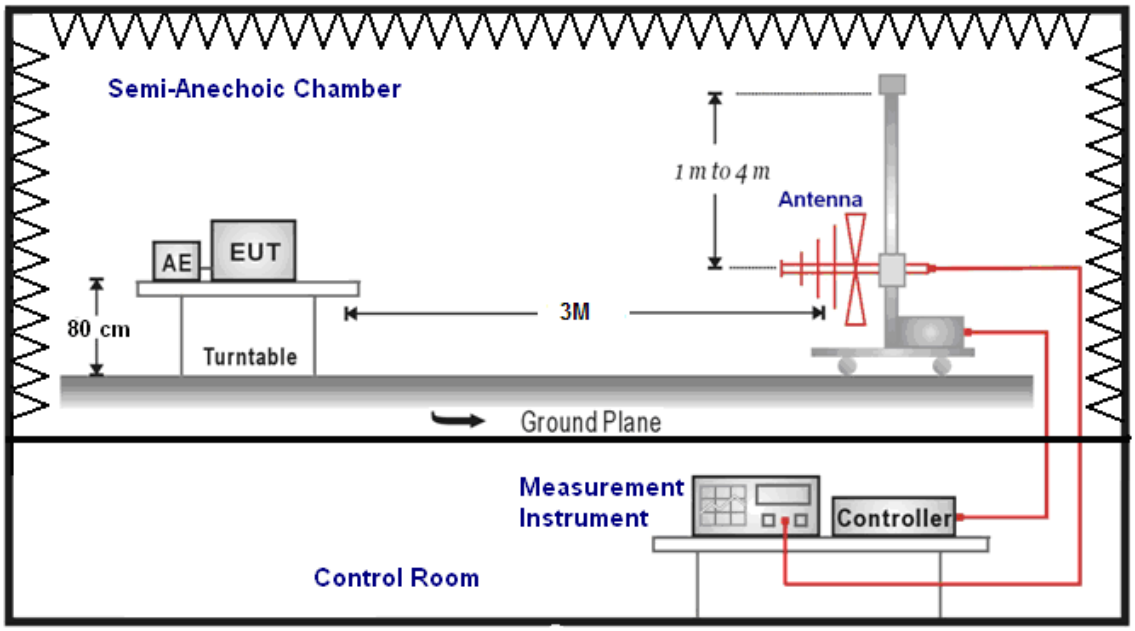
2.3. Radiated Emission Test

■ Limit

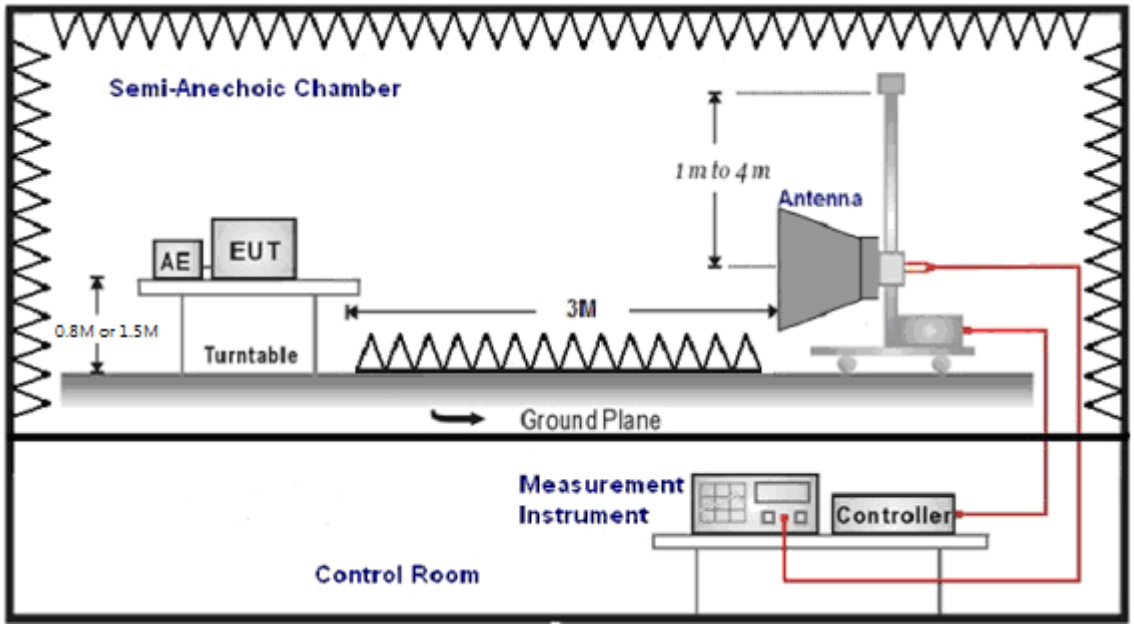
The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 43 +10 $\log_{10}$(P) dB. The limit of emission equal to -13 dBm

■ Setup

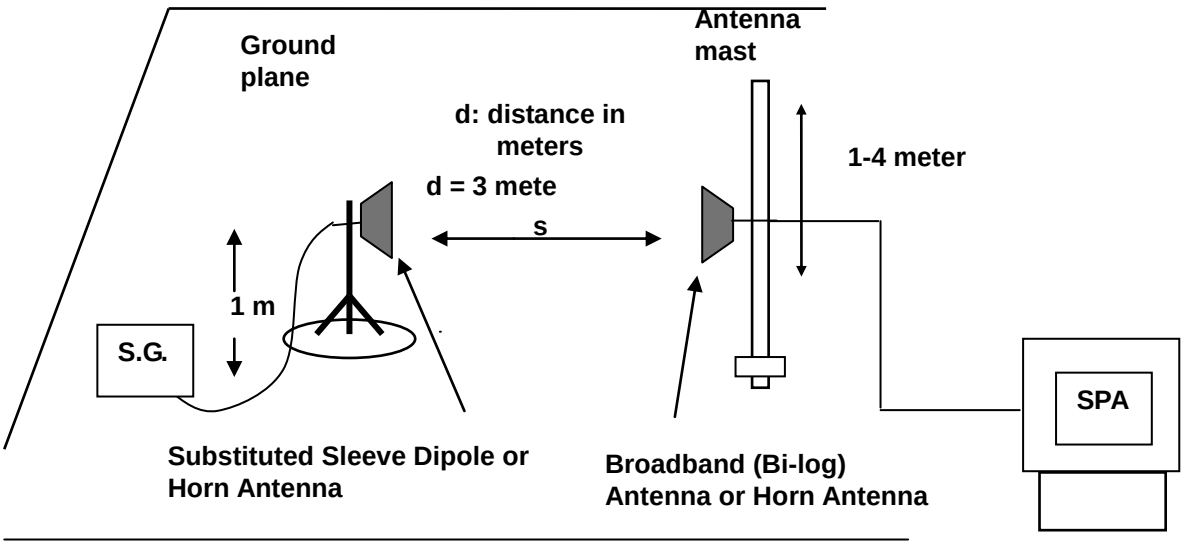
Below 1 GHz



Above 1 GHz



For Substituted Method Test Set-UP



■ Test Procedure

a. The EUT was set up for the maximum power with wwan link data modulation. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high operational frequency range).

b. Radiation Emission measurement. In the semi-anechoic chamber, EUT placed on the 0.8 m (1.5 m for 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.

c. The substitution antenna (Note:1 & 2) is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value” of step a. Record the power level of S.G.

d. E.I.R.P. = Output power level of S.G - TX cable loss + Antenna gain of substitution horn

e. E.R.P. = E.I.R.P- 2.15 dB

f. Measurement range 9 kHz - 10 th Harmonic

Note: 1. Below 1 GHz Substituted Method Test：Sleeve dipole antenna to Bi-Log Antenna

2. Above 1 GHz Substituted Method Test：Horn antenna to Horn Antenn

■ Uncertainty

The measurement uncertainty is defined as for Field Strength of Spurious Radiation measurement is ± 3.072 dB.

3 Test Results

Conducted Output Average Power

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	1.4 MHz	QPSK	18607	1850.7	1	0	23.26	0.212
					1	2	23.38	0.218
					1	5	23.26	0.212
					3	0	23.31	0.214
					3	1	23.38	0.218
					3	3	23.32	0.215
					6	0	22.33	0.171
			18900	1880.0	1	0	23.29	0.213
					1	2	23.35	0.216
					1	5	23.29	0.213
					3	0	23.33	0.215
					3	1	23.38	0.218
					3	3	23.35	0.216
					6	0	22.32	0.171
			19193	1909.3	1	0	23.50	0.224
					1	2	23.54	0.226
					1	5	23.54	0.226
					3	0	23.58	0.228
					3	1	**23.64**	**0.231**
					3	3	23.56	0.227
					6	0	22.55	0.180
		16QAM	18607	1850.7	1	0	22.60	0.182
					1	2	22.63	0.183
					1	5	22.52	0.179
					3	0	22.45	0.176
					3	1	22.49	0.177
					3	3	22.45	0.176
					6	0	21.43	0.139
			18900	1880.0	1	0	22.61	0.182
					1	2	22.61	0.182
					1	5	22.59	0.182
					3	0	22.44	0.175
					3	1	22.52	0.179
					3	3	22.48	0.177
					6	0	21.37	0.137
			19193	1909.3	1	0	22.73	0.187
					1	2	**22.81**	**0.191**
					1	5	22.80	0.191
					3	0	22.68	0.185
					3	1	22.75	0.188
					3	3	22.67	0.185
					6	0	21.67	0.147

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	3 MHz	QPSK	18615	1851.5	1	0	23.36	0.217
					1	7	23.42	0.220
					1	14	23.30	0.214
					8	0	22.41	0.174
					8	3	22.44	0.175
					8	7	22.40	0.174
					15	0	22.37	0.173
			18900	1880.0	1	0	23.34	0.216
					1	7	23.42	0.220
					1	14	23.29	0.213
					8	0	22.38	0.173
					8	3	22.36	0.172
					8	7	22.33	0.171
					15	0	22.34	0.171
			19185	1908.5	1	0	23.56	0.227
					1	7	**23.63**	**0.231**
					1	14	23.51	0.224
					8	0	22.62	0.183
					8	3	22.66	0.185
					8	7	22.64	0.184
					15	0	22.60	0.182
		16QAM	18615	1851.5	1	0	22.64	0.184
					1	7	22.74	0.188
					1	14	22.64	0.184
					8	0	21.47	0.140
					8	3	21.47	0.140
					8	7	21.47	0.140
					15	0	21.38	0.137
			18900	1880.0	1	0	22.58	0.181
					1	7	22.67	0.185
					1	14	22.62	0.183
					8	0	21.43	0.139
					8	3	21.42	0.139
					8	7	21.40	0.138
					15	0	21.36	0.137
			19185	1908.5	1	0	22.82	0.191
					1	7	**22.90**	**0.195**
					1	14	22.81	0.191
					8	0	21.68	0.147
					8	3	21.72	0.149
					8	7	21.67	0.147
					15	0	21.62	0.145

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	5 MHz	QPSK	18625	1852.5	1	0	23.41	0.219
					1	12	23.37	0.217
					1	24	23.37	0.217
					12	0	22.42	0.175
					12	6	22.45	0.176
					12	13	22.42	0.175
					25	0	22.41	0.174
			18900	1880.0	1	0	23.37	0.217
					1	12	23.35	0.216
					1	24	23.35	0.216
					12	0	22.37	0.173
					12	6	22.37	0.173
					12	13	22.36	0.172
					25	0	22.37	0.173
			19175	1907.5	1	0	**23.59**	**0.229**
					1	12	23.53	0.225
					1	24	23.48	0.223
					12	0	22.63	0.183
					12	6	22.65	0.184
					12	13	22.63	0.183
					25	0	22.63	0.183
		16QAM	18625	1852.5	1	0	22.65	0.184
					1	12	22.64	0.184
					1	24	22.64	0.184
					12	0	21.47	0.140
					12	6	21.46	0.140
					12	13	21.44	0.139
					25	0	21.41	0.138
			18900	1880.0	1	0	22.71	0.187
					1	12	22.62	0.183
					1	24	22.64	0.184
					12	0	21.40	0.138
					12	6	21.42	0.139
					12	13	21.40	0.138
					25	0	21.39	0.138
			19175	1907.5	1	0	**22.89**	**0.195**
					1	12	22.86	0.193
					1	24	22.83	0.192
					12	0	21.68	0.147
					12	6	21.69	0.148
					12	11	21.66	0.147
					25	0	21.64	0.146

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	10 MHz	QPSK	18650	1855.0	1	0	23.68	0.233
					1	24	23.35	0.216
					1	49	23.48	0.223
					25	0	22.46	0.176
					25	12	22.46	0.176
					25	25	22.33	0.171
					50	0	22.45	0.176
			18900	1880.0	1	0	23.51	0.224
					1	24	23.32	0.215
					1	49	23.55	0.226
					25	0	22.41	0.174
					25	12	22.39	0.173
					25	25	22.38	0.173
					50	0	22.37	0.173
			19150	1905.0	1	0	**23.72**	**0.236**
					1	24	23.54	0.226
					1	49	23.49	0.223
					25	0	22.72	0.187
					25	12	22.61	0.182
					25	25	22.60	0.182
					50	0	22.62	0.183
		16QAM	18650	1855.0	1	0	22.89	0.195
					1	24	22.62	0.183
					1	49	22.75	0.188
					25	0	21.50	0.141
					25	12	21.46	0.140
					25	25	21.29	0.135
					50	0	21.47	0.140
			18900	1880.0	1	0	22.73	0.187
					1	24	22.57	0.181
					1	49	22.77	0.189
					25	0	21.44	0.139
					25	12	21.41	0.138
					25	25	21.41	0.138
					50	0	21.42	0.139
			19150	1905.0	1	0	**22.93**	**0.196**
					1	24	22.77	0.189
					1	49	22.74	0.188
					25	0	21.73	0.149
					25	12	21.63	0.146
					25	25	21.61	0.145
					50	0	21.62	0.145

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	15 MHz	QPSK	18675	1857.5	1	0	23.52	0.225
					1	37	23.27	0.212
					1	74	23.30	0.214
					36	0	22.51	0.178
					36	19	22.36	0.172
					36	39	22.32	0.171
					75	0	22.38	0.173
			18900	1880.0	1	0	23.36	0.217
					1	37	23.32	0.215
					1	74	23.37	0.217
					36	0	22.42	0.175
					36	19	22.39	0.173
					36	39	22.39	0.173
					75	0	22.42	0.175
			19125	1902.5	1	0	**23.75**	**0.237**
					1	37	23.62	0.230
					1	74	23.50	0.224
					36	0	22.77	0.189
					36	19	22.75	0.188
					36	39	22.63	0.183
					75	0	22.76	0.189
		16QAM	18675	1857.5	1	0	22.83	0.192
					1	37	22.54	0.179
					1	74	22.55	0.180
					36	0	21.54	0.143
					36	19	21.38	0.137
					36	39	21.34	0.136
					75	0	21.40	0.138
			18900	1880.0	1	0	22.67	0.185
					1	37	22.60	0.182
					1	74	22.65	0.184
					36	0	21.44	0.139
					36	19	21.40	0.138
					36	39	21.41	0.138
					75	0	21.43	0.139
			19125	1902.5	1	0	**23.05**	**0.202**
					1	37	22.87	0.194
					1	74	22.79	0.190
					36	0	21.76	0.150
					36	19	21.72	0.149
					36	39	21.62	0.145
					75	0	21.71	0.148

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	20 MHz	QPSK	18700	1860.0	1	0	23.72	0.236
					1	49	23.27	0.212
					1	99	23.32	0.215
					50	0	22.53	0.179
					50	25	22.39	0.173
					50	50	22.36	0.172
					100	0	22.41	0.174
			18900	1880.0	1	0	23.55	0.226
					1	49	23.30	0.214
					1	99	23.37	0.217
					50	0	22.42	0.175
					50	25	22.37	0.173
					50	50	22.37	0.173
					100	0	22.45	0.176
			19100	1900.0	1	0	**23.73**	**0.236**
					1	49	23.59	0.229
					1	99	23.50	0.224
					50	0	22.76	0.189
					50	25	22.71	0.187
					50	50	22.58	0.181
					100	0	22.74	0.188
		16QAM	18700	1860.0	1	0	**22.96**	**0.198**
					1	49	22.59	0.182
					1	99	22.64	0.184
					50	0	21.55	0.143
					50	25	21.41	0.138
					50	50	21.33	0.136
					100	0	21.43	0.139
			18900	1880.0	1	0	22.78	0.190
					1	49	22.59	0.182
					1	99	22.62	0.183
					50	0	21.37	0.137
					50	25	21.44	0.139
					50	50	21.38	0.137
					100	0	21.45	0.140
			19100	1900.0	1	0	22.89	0.195
					1	49	22.86	0.193
					1	99	22.76	0.189
					50	0	21.74	0.149
					50	25	21.71	0.148
					50	50	21.62	0.145
					100	0	21.75	0.150

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	1.4 MHz	QPSK	19957	1710.7	1	0	23.06	0.202
					1	2	23.18	0.208
					1	5	23.08	0.203
					3	0	23.16	0.207
					3	1	23.21	0.209
					3	3	23.15	0.207
					6	0	22.15	0.164
			20175	1732.5	1	0	23.36	0.217
					1	2	23.42	0.220
					1	5	23.34	0.216
					3	0	23.39	0.218
					3	1	**23.45**	**0.221**
					3	3	23.41	0.219
					6	0	22.42	0.175
			20393	1754.3	1	0	23.30	0.214
					1	2	23.39	0.218
					1	5	23.28	0.213
					3	0	23.37	0.217
					3	1	23.43	0.220
					3	3	23.34	0.216
					6	0	22.38	0.173
		16QAM	19957	1710.7	1	0	22.31	0.170
					1	2	22.35	0.172
					1	5	22.28	0.169
					3	0	22.25	0.168
					3	1	22.30	0.170
					3	3	22.23	0.167
					6	0	21.20	0.132
			20175	1732.5	1	0	22.63	0.183
					1	2	**22.72**	**0.187**
					1	5	22.58	0.181
					3	0	22.44	0.175
					3	1	22.48	0.177
					3	3	22.42	0.175
					6	0	21.46	0.140
			20393	1754.3	1	0	22.62	0.183
					1	2	22.67	0.185
					1	5	22.58	0.181
					3	0	22.46	0.176
					3	1	22.43	0.175
					3	3	22.40	0.174
					6	0	21.46	0.140

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	3 MHz	QPSK	19965	1711.5	1	0	23.15	0.207
					1	7	23.27	0.212
					1	14	23.17	0.207
					8	0	22.21	0.166
					8	3	22.28	0.169
					8	7	22.25	0.168
					15	0	22.23	0.167
			20175	1732.5	1	0	23.42	0.220
					1	7	**23.53**	**0.225**
					1	14	23.41	0.219
					8	0	22.51	0.178
					8	3	22.55	0.180
					8	7	22.51	0.178
					15	0	22.51	0.178
			20385	1753.5	1	0	23.37	0.217
					1	7	23.48	0.223
					1	14	23.37	0.217
					8	0	22.46	0.176
					8	3	22.48	0.177
					8	7	22.45	0.176
					15	0	22.42	0.175
		16QAM	19965	1711.5	1	0	22.39	0.173
					1	7	22.50	0.178
					1	14	22.43	0.175
					8	0	21.32	0.136
					8	3	21.31	0.135
					8	7	21.29	0.135
					15	0	21.23	0.133
			20175	1732.5	1	0	22.69	0.186
					1	7	22.73	0.187
					1	14	22.67	0.185
					8	0	21.58	0.144
					8	3	21.57	0.144
					8	7	21.52	0.142
					15	0	21.50	0.141
			20385	1753.5	1	0	22.70	0.186
					1	7	**22.74**	**0.188**
					1	14	22.63	0.183
					8	0	21.50	0.141
					8	3	21.52	0.142
					8	7	21.49	0.141
					15	0	21.44	0.139

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	5 MHz	QPSK	19975	1712.5	1	0	23.34	0.216
					1	12	23.28	0.213
					1	24	23.39	0.218
					12	0	22.36	0.172
					12	6	22.38	0.173
					12	13	22.39	0.173
					25	0	22.37	0.173
			20175	1732.5	1	0	**23.46**	**0.222**
					1	12	23.44	0.221
					1	24	23.43	0.220
					12	0	22.51	0.178
					12	6	22.57	0.181
					12	13	22.51	0.178
					25	0	22.52	0.179
			20375	1752.5	1	0	23.42	0.220
					1	12	23.36	0.217
					1	24	23.37	0.217
					12	0	22.44	0.175
					12	6	22.47	0.177
					12	13	22.46	0.176
					25	0	22.46	0.176
		16QAM	19975	1712.5	1	0	22.61	0.182
					1	12	22.56	0.180
					1	24	22.66	0.185
					12	0	21.38	0.137
					12	6	21.40	0.138
					12	13	21.36	0.137
					25	0	21.41	0.138
			20175	1732.5	1	0	**22.76**	**0.189**
					1	12	22.65	0.184
					1	24	22.71	0.187
					12	0	21.54	0.143
					12	6	21.59	0.144
					12	13	21.55	0.143
					25	0	21.50	0.141
			20375	1752.5	1	0	22.65	0.184
					1	12	22.66	0.185
					1	24	22.64	0.184
					12	0	21.49	0.141
					12	6	21.48	0.141
					12	11	21.45	0.140
					25	0	21.45	0.140

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	10 MHz	QPSK	20000	1715.0	1	0	23.38	0.218
					1	24	23.41	0.219
					1	49	23.41	0.219
					25	0	22.41	0.174
					25	12	22.52	0.179
					25	25	22.48	0.177
					50	0	22.40	0.174
			20175	1732.5	1	0	**23.56**	**0.227**
					1	24	23.46	0.222
					1	49	23.45	0.221
					25	0	22.58	0.181
					25	12	22.54	0.179
					25	25	22.55	0.180
					50	0	22.56	0.180
			20350	1750.0	1	0	23.54	0.226
					1	24	23.39	0.218
					1	49	23.40	0.219
					25	0	22.60	0.182
					25	12	22.50	0.178
					25	25	22.45	0.176
					50	0	22.46	0.176
		16QAM	20000	1715.0	1	0	22.60	0.182
					1	24	22.63	0.183
					1	49	22.71	0.187
					25	0	21.45	0.140
					25	12	21.53	0.142
					25	25	21.49	0.141
					50	0	21.43	0.139
			20175	1732.5	1	0	**22.81**	**0.191**
					1	24	22.68	0.185
					1	49	22.74	0.188
					25	0	21.56	0.143
					25	12	21.55	0.143
					25	25	21.52	0.142
					50	0	21.56	0.143
			20350	1750.0	1	0	22.75	0.188
					1	24	22.62	0.183
					1	49	22.67	0.185
					25	0	21.59	0.144
					25	12	21.49	0.141
					25	25	21.44	0.139
					50	0	21.48	0.141

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	15 MHz	QPSK	20025	1717.5	1	0	23.35	0.216
					1	37	23.30	0.214
					1	74	23.49	0.223
					36	0	22.36	0.172
					36	19	22.46	0.176
					36	39	22.45	0.176
					75	0	22.47	0.177
			20175	1732.5	1	0	23.66	0.232
					1	37	23.41	0.219
					1	74	23.38	0.218
					36	0	22.69	0.186
					36	19	22.58	0.181
					36	39	22.57	0.181
					75	0	22.57	0.181
			20325	1747.5	1	0	**23.68**	**0.233**
					1	37	23.54	0.226
					1	74	23.52	0.225
					36	0	22.70	0.186
					36	19	22.68	0.185
					36	39	22.54	0.179
					75	0	22.68	0.185
		16QAM	20025	1717.5	1	0	22.63	0.183
					1	37	22.57	0.181
					1	74	22.73	0.187
					36	0	21.38	0.137
					36	19	21.47	0.140
					36	39	21.46	0.140
					75	0	21.47	0.140
			20175	1732.5	1	0	22.91	0.195
					1	37	22.65	0.184
					1	74	22.67	0.185
					36	0	21.71	0.148
					36	19	21.60	0.145
					36	39	21.58	0.144
					75	0	21.58	0.144
			20325	1747.5	1	0	**22.98**	**0.199**
					1	37	22.77	0.189
					1	74	22.76	0.189
					36	0	21.72	0.149
					36	19	21.70	0.148
					36	39	21.56	0.143
					75	0	21.70	0.148

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	20 MHz	QPSK	20050	1720.0	1	0	23.37	0.217
					1	49	23.35	0.216
					1	99	23.52	0.225
					50	0	22.50	0.178
					50	25	22.46	0.176
					50	50	22.60	0.182
					100	0	22.58	0.181
			20175	1732.5	1	0	23.64	0.231
					1	49	23.42	0.220
					1	99	23.37	0.217
					50	0	22.71	0.187
					50	25	22.56	0.180
					50	50	22.57	0.181
					100	0	22.59	0.182
			20300	1745.0	1	0	**23.69**	**0.234**
					1	49	23.53	0.225
					1	99	23.49	0.223
					50	0	22.72	0.187
					50	25	22.68	0.185
					50	50	22.56	0.180
					100	0	22.68	0.185
		16QAM	20050	1720.0	1	0	22.62	0.183
					1	49	22.62	0.183
					1	99	22.80	0.191
					50	0	21.54	0.143
					50	25	21.49	0.141
					50	50	21.56	0.143
					100	0	21.58	0.144
			20175	1732.5	1	0	**22.93**	**0.196**
					1	49	22.66	0.185
					1	99	22.66	0.185
					50	0	21.69	0.148
					50	25	21.56	0.143
					50	50	21.55	0.143
					100	0	21.61	0.145
			20300	1745.0	1	0	22.92	0.196
					1	49	22.77	0.189
					1	99	22.74	0.188
					50	0	21.74	0.149
					50	25	21.68	0.147
					50	50	21.54	0.143
					100	0	21.73	0.149

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band5	1.4 MHz	QPSK	20407	824.7	1	0	23.55	0.226
					1	2	23.58	0.228
					1	5	23.52	0.225
					3	0	23.58	0.228
					3	1	23.64	0.231
					3	3	23.61	0.230
					6	0	22.60	0.182
			20525	836.5	1	0	23.64	0.231
					1	2	23.70	0.234
					1	5	23.61	0.230
					3	0	23.69	0.234
					3	1	**23.74**	**0.237**
					3	3	23.70	0.234
					6	0	22.71	0.187
			20643	848.3	1	0	23.51	0.224
					1	2	23.53	0.225
					1	5	23.52	0.225
					3	0	23.56	0.227
					3	1	23.62	0.230
					3	3	23.60	0.229
					6	0	22.60	0.182
		16QAM	20407	824.7	1	0	22.81	0.191
					1	2	22.84	0.192
					1	5	22.81	0.191
					3	0	22.72	0.187
					3	1	22.76	0.189
					3	3	22.69	0.186
					6	0	21.68	0.147
			20525	836.5	1	0	22.96	0.198
					1	2	**22.97**	**0.198**
					1	5	22.93	0.196
					3	0	22.80	0.191
					3	1	22.84	0.192
					3	3	22.79	0.190
					6	0	21.76	0.150
			20643	848.3	1	0	22.85	0.193
					1	2	22.82	0.191
					1	5	22.75	0.188
					3	0	22.67	0.185
					3	1	22.76	0.189
					3	3	22.69	0.186
					6	0	21.69	0.148

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band5	3 MHz	QPSK	20415	825.5	1	0	23.57	0.228
					1	7	23.66	0.232
					1	14	23.68	0.233
					8	0	22.68	0.185
					8	3	22.70	0.186
					8	7	22.77	0.189
					15	0	22.63	0.183
			20525	836.5	1	0	23.68	0.233
					1	7	**23.76**	**0.238**
					1	14	23.56	0.227
					8	0	22.74	0.188
					8	3	22.79	0.190
					8	7	22.72	0.187
					15	0	22.76	0.189
			20635	847.5	1	0	23.57	0.228
					1	7	23.63	0.231
					1	14	23.51	0.224
					8	0	22.66	0.185
					8	3	22.71	0.187
					8	7	22.66	0.185
					15	0	22.66	0.185
		16QAM	20415	825.5	1	0	22.90	0.195
					1	7	22.97	0.198
					1	14	22.99	0.199
					8	0	21.72	0.149
					8	3	21.72	0.149
					8	7	21.78	0.151
					15	0	21.67	0.147
			20525	836.5	1	0	22.98	0.199
					1	7	**23.03**	**0.201**
					1	14	22.94	0.197
					8	0	21.84	0.153
					8	3	21.83	0.152
					8	7	21.78	0.151
					15	0	21.73	0.149
			20635	847.5	1	0	22.85	0.193
					1	7	22.96	0.198
					1	14	22.83	0.192
					8	0	21.70	0.148
					8	3	21.73	0.149
					8	7	21.70	0.148
					15	0	21.64	0.146

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band5	5 MHz	QPSK	20425	826.5	1	0	23.58	0.228
					1	12	23.65	0.232
					1	24	23.54	0.226
					12	0	22.61	0.182
					12	6	22.67	0.185
					12	13	22.65	0.184
					25	0	22.65	0.184
			20525	836.5	1	0	**23.71**	**0.235**
					1	12	23.68	0.233
					1	24	23.57	0.228
					12	0	22.79	0.190
					12	6	22.80	0.191
					12	13	22.66	0.185
					25	0	22.74	0.188
			20625	846.5	1	0	23.47	0.222
					1	12	23.57	0.228
					1	24	23.58	0.228
					12	0	22.71	0.187
					12	6	22.69	0.186
					12	13	22.67	0.185
					25	0	22.67	0.185
		16QAM	20425	826.5	1	0	22.83	0.192
					1	12	22.84	0.192
					1	24	22.84	0.192
					12	0	21.62	0.145
					12	6	21.72	0.149
					12	13	21.69	0.148
					25	0	21.69	0.148
			20525	836.5	1	0	**22.98**	**0.199**
					1	12	22.93	0.196
					1	24	22.82	0.191
					12	0	21.81	0.152
					12	6	21.83	0.152
					12	13	21.66	0.147
					25	0	21.79	0.151
			20625	846.5	1	0	22.77	0.189
					1	12	22.89	0.195
					1	24	22.90	0.195
					12	0	21.70	0.148
					12	6	21.70	0.148
					12	11	21.68	0.147
					25	0	21.71	0.148

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band5	10 MHz	QPSK	20450	829.0	1	0	23.59	0.229
					1	24	**23.68**	**0.233**
					1	49	23.64	0.231
					25	0	22.74	0.188
					25	12	22.74	0.188
					25	25	22.82	0.191
					50	0	22.83	0.192
			20525	836.5	1	0	23.62	0.230
					1	24	23.66	0.232
					1	49	23.41	0.219
					25	0	22.79	0.190
					25	12	22.79	0.190
					25	25	22.64	0.184
					50	0	22.73	0.187
			20600	844.0	1	0	23.67	0.233
					1	24	23.46	0.222
					1	49	23.56	0.227
					25	0	22.61	0.182
					25	12	22.62	0.183
					25	25	22.68	0.185
					50	0	22.63	0.183
		16QAM	20450	829.0	1	0	22.92	0.196
					1	24	22.99	0.199
					1	49	22.99	0.199
					25	0	21.76	0.150
					25	12	21.75	0.150
					25	25	21.81	0.152
					50	0	21.81	0.152
			20525	836.5	1	0	22.89	0.195
					1	24	**23.00**	**0.200**
					1	49	22.72	0.187
					25	0	21.80	0.151
					25	12	21.81	0.152
					25	25	21.65	0.146
					50	0	21.77	0.150
			20600	844.0	1	0	22.93	0.196
					1	24	22.84	0.192
					1	49	22.93	0.196
					25	0	21.63	0.146
					25	12	21.59	0.144
					25	25	21.65	0.146
					50	0	21.58	0.144

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band7	5 MHz	QPSK	20775	2502.5	1	0	22.36	0.172
					1	12	22.35	0.172
					1	24	22.35	0.172
					12	0	21.44	0.139
					12	6	21.44	0.139
					12	13	21.41	0.138
					25	0	21.45	0.140
			21100	2535.0	1	0	**22.68**	**0.185**
					1	12	22.67	0.185
					1	24	22.68	0.185
					12	0	21.46	0.140
					12	6	21.46	0.140
					12	13	21.45	0.140
					25	0	21.45	0.140
			21425	2567.5	1	0	22.53	0.179
					1	12	22.52	0.179
					1	24	22.54	0.179
					12	0	21.62	0.145
					12	6	21.65	0.146
					12	13	21.63	0.146
					25	0	21.61	0.145
		16QAM	20775	2502.5	1	0	21.83	0.152
					1	12	21.87	0.154
					1	24	21.88	0.154
					12	0	20.62	0.115
					12	6	20.67	0.117
					12	13	20.63	0.116
					25	0	20.62	0.115
			21100	2535.0	1	0	**22.51**	**0.178**
					1	12	22.51	0.178
					1	24	22.50	0.178
					12	0	21.57	0.144
					12	6	21.55	0.143
					12	13	21.52	0.142
					25	0	21.54	0.143
			21425	2567.5	1	0	21.79	0.151
					1	12	21.81	0.152
					1	24	21.79	0.151
					12	0	20.58	0.114
					12	6	20.58	0.114
					12	11	20.54	0.113
					25	0	20.55	0.114

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band7	10 MHz	QPSK	20800	2505.0	1	0	22.45	0.176
					1	24	22.41	0.174
					1	49	22.51	0.178
					25	0	21.45	0.140
					25	12	21.45	0.140
					25	25	21.45	0.140
					50	0	21.47	0.140
			21100	2535.0	1	0	22.73	0.187
					1	24	22.68	0.185
					1	49	**22.84**	**0.192**
					25	0	21.45	0.140
					25	12	21.47	0.140
					25	25	21.46	0.140
					50	0	21.48	0.141
			21400	2565.0	1	0	22.56	0.180
					1	24	22.55	0.180
					1	49	22.60	0.182
					25	0	21.58	0.144
					25	12	21.62	0.145
					25	25	21.62	0.145
					50	0	21.59	0.144
		16QAM	20800	2505.0	1	0	21.85	0.153
					1	24	21.88	0.154
					1	49	21.91	0.155
					25	0	20.59	0.115
					25	12	20.63	0.116
					25	25	20.61	0.115
					50	0	20.62	0.115
			21100	2535.0	1	0	**22.65**	**0.184**
					1	24	22.62	0.183
					1	49	22.52	0.179
					25	0	21.69	0.148
					25	12	21.70	0.148
					25	25	21.54	0.143
					50	0	21.65	0.146
			21400	2565.0	1	0	21.95	0.157
					1	24	21.91	0.155
					1	49	21.84	0.153
					25	0	20.65	0.116
					25	12	20.68	0.117
					25	25	20.55	0.114
					50	0	20.68	0.117

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band7	15 MHz	QPSK	20825	2507.5	1	0	22.46	0.176
					1	37	22.37	0.173
					1	74	**22.61**	**0.182**
					36	0	21.52	0.142
					36	19	21.53	0.142
					36	39	21.62	0.145
					75	0	21.49	0.141
			21100	2535.0	1	0	22.46	0.176
					1	37	22.41	0.174
					1	74	22.60	0.182
					36	0	21.52	0.142
					36	19	21.55	0.143
					36	39	21.60	0.145
					75	0	21.51	0.142
			21375	2562.5	1	0	22.59	0.182
					1	37	22.54	0.179
					1	74	22.52	0.179
					36	0	21.64	0.146
					36	19	21.67	0.147
					36	39	21.62	0.145
					75	0	21.64	0.146
		16QAM	20825	2507.5	1	0	21.89	0.155
					1	37	21.87	0.154
					1	74	21.86	0.153
					36	0	20.63	0.116
					36	19	20.66	0.116
					36	39	20.65	0.116
					75	0	20.63	0.116
			21100	2535.0	1	0	**22.63**	**0.183**
					1	37	22.61	0.182
					1	74	22.54	0.179
					36	0	21.68	0.147
					36	19	21.70	0.148
					36	39	21.58	0.144
					75	0	21.68	0.147
			21375	2562.5	1	0	21.94	0.156
					1	37	21.90	0.155
					1	74	21.84	0.153
					36	0	20.69	0.117
					36	19	20.70	0.117
					36	39	20.59	0.115
					75	0	20.67	0.117

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band7	20 MHz	QPSK	20850	2510.0	1	0	22.63	0.183
					1	49	22.52	0.179
					1	99	22.51	0.178
					50	0	21.53	0.142
					50	25	21.59	0.144
					50	50	21.63	0.146
					100	0	21.63	0.146
			21100	2535.0	1	0	**22.81**	**0.191**
					1	49	22.75	0.188
					1	99	22.76	0.189
					50	0	21.54	0.143
					50	25	21.64	0.146
					50	50	21.73	0.149
					100	0	21.72	0.149
			21350	2560.0	1	0	22.60	0.182
					1	49	22.53	0.179
					1	99	22.56	0.180
					50	0	21.64	0.146
					50	25	21.62	0.145
					50	50	21.67	0.147
					100	0	21.65	0.146
		16QAM	20850	2510.0	1	0	21.92	0.156
					1	49	21.85	0.153
					1	99	21.85	0.153
					50	0	20.64	0.116
					50	25	20.66	0.116
					50	50	20.64	0.116
					100	0	20.62	0.115
			21100	2535.0	1	0	**22.70**	**0.186**
					1	49	22.57	0.181
					1	99	22.56	0.180
					50	0	21.67	0.147
					50	25	21.68	0.147
					50	50	21.68	0.147
					100	0	21.65	0.146
			21350	2560.0	1	0	22.00	0.158
					1	49	21.88	0.154
					1	99	21.91	0.155
					50	0	20.65	0.116
					50	25	20.67	0.117
					50	50	20.69	0.117
					100	0	20.66	0.116

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band12	1.4 MHz	QPSK	23017	699.7	1	0	23.67	0.233
					1	2	23.71	0.235
					1	5	23.62	0.230
					3	0	23.74	0.237
					3	1	**23.82**	**0.241**
					3	3	23.75	0.237
					6	0	22.71	0.187
			23095	707.5	1	0	23.43	0.220
					1	2	23.50	0.224
					1	5	23.44	0.221
					3	0	23.51	0.224
					3	1	23.54	0.226
					3	3	23.50	0.224
					6	0	22.50	0.178
			23173	715.3	1	0	23.56	0.227
					1	2	23.53	0.225
					1	5	23.49	0.223
					3	0	23.59	0.229
					3	1	23.68	0.233
					3	3	23.61	0.230
					6	0	22.58	0.181
		16QAM	23017	699.7	1	0	22.79	0.190
					1	2	22.86	0.193
					1	5	22.81	0.191
					3	0	22.78	0.190
					3	1	**22.87**	**0.194**
					3	3	22.79	0.190
					6	0	21.75	0.150
			23095	707.5	1	0	22.78	0.190
					1	2	22.80	0.191
					1	5	22.69	0.186
					3	0	22.64	0.184
					3	1	22.70	0.186
					3	3	22.62	0.183
					6	0	21.53	0.142
			23173	715.3	1	0	22.82	0.191
					1	2	22.86	0.193
					1	5	22.81	0.191
					3	0	22.69	0.186
					3	1	22.76	0.189
					3	3	22.72	0.187
					6	0	21.63	0.146

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band12	3 MHz	QPSK	23025	700.5	1	0	23.57	0.228
					1	7	**23.67**	**0.233**
					1	14	23.53	0.225
					8	0	22.63	0.183
					8	3	22.67	0.185
					8	7	22.61	0.182
					15	0	22.62	0.183
			23095	707.5	1	0	23.40	0.219
					1	7	23.59	0.229
					1	14	23.56	0.227
					8	0	22.57	0.181
					8	3	22.60	0.182
					8	7	22.55	0.180
					15	0	22.54	0.179
			23165	714.5	1	0	23.52	0.225
					1	7	23.66	0.232
					1	14	23.54	0.226
					8	0	22.66	0.185
					8	3	22.70	0.186
					8	7	22.69	0.186
					15	0	22.63	0.183
		16QAM	23025	700.5	1	0	22.77	0.189
					1	7	**22.90**	**0.195**
					1	14	22.75	0.188
					8	0	21.74	0.149
					8	3	21.76	0.150
					8	7	21.67	0.147
					15	0	21.67	0.147
			23095	707.5	1	0	22.69	0.186
					1	7	22.77	0.189
					1	14	22.81	0.191
					8	0	21.61	0.145
					8	3	21.63	0.146
					8	7	21.64	0.146
					15	0	21.54	0.143
			23165	714.5	1	0	22.84	0.192
					1	7	22.89	0.195
					1	14	22.83	0.192
					8	0	21.72	0.149
					8	3	21.76	0.150
					8	7	21.72	0.149
					15	0	21.65	0.146

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band12	5 MHz	QPSK	23035	701.5	1	0	23.55	0.226
					1	12	23.52	0.225
					1	24	23.42	0.220
					12	0	22.51	0.178
					12	6	22.54	0.179
					12	13	22.45	0.176
					25	0	22.53	0.179
			23095	707.5	1	0	23.42	0.220
					1	12	23.49	0.223
					1	24	23.57	0.228
					12	0	22.61	0.182
					12	6	22.60	0.182
					12	13	22.64	0.184
					25	0	22.58	0.181
			23155	713.5	1	0	**23.66**	**0.232**
					1	12	23.61	0.230
					1	24	23.62	0.230
					12	0	22.80	0.191
					12	6	22.82	0.191
					12	13	22.80	0.191
					25	0	22.77	0.189
		16QAM	23035	701.5	1	0	22.64	0.184
					1	12	22.64	0.184
					1	24	22.55	0.180
					12	0	21.56	0.143
					12	6	21.57	0.144
					12	13	21.49	0.141
					25	0	21.57	0.144
			23095	707.5	1	0	22.69	0.186
					1	12	22.68	0.185
					1	24	22.76	0.189
					12	0	21.63	0.146
					12	6	21.65	0.146
					12	13	21.69	0.148
					25	0	21.59	0.144
			23155	713.5	1	0	22.93	0.196
					1	12	22.92	0.196
					1	24	**22.94**	**0.197**
					12	0	21.85	0.153
					12	6	21.87	0.154
					12	11	21.81	0.152
					25	0	21.82	0.152

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band12	10 MHz	QPSK	23060	704.0	1	0	23.51	0.224
					1	24	23.40	0.219
					1	49	23.52	0.225
					25	0	22.63	0.183
					25	12	22.51	0.178
					25	25	22.48	0.177
					50	0	22.64	0.184
			23095	707.5	1	0	23.40	0.219
					1	24	23.47	0.222
					1	49	23.62	0.230
					25	0	22.47	0.177
					25	12	22.60	0.182
					25	25	22.72	0.187
					50	0	22.59	0.182
			23130	711.0	1	0	23.48	0.223
					1	24	**23.63**	**0.231**
					1	49	23.57	0.228
					25	0	22.53	0.179
					25	12	22.73	0.187
					25	25	22.69	0.186
					50	0	22.59	0.182
		16QAM	23060	704.0	1	0	22.86	0.193
					1	24	22.67	0.185
					1	49	22.77	0.189
					25	0	21.68	0.147
					25	12	21.55	0.143
					25	25	21.48	0.141
					50	0	21.63	0.146
			23095	707.5	1	0	22.62	0.183
					1	24	22.75	0.188
					1	49	22.83	0.192
					25	0	21.45	0.140
					25	12	21.61	0.145
					25	25	21.75	0.150
					50	0	21.57	0.144
			23130	711.0	1	0	22.77	0.189
					1	24	**22.87**	**0.194**
					1	49	22.85	0.193
					25	0	21.54	0.143
					25	12	21.79	0.151
					25	25	21.75	0.150
					50	0	21.63	0.146

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band13	5 MHz	QPSK	23205	779.5	1	0	23.79	0.239
					1	12	**23.84**	**0.242**
					1	24	23.71	0.235
					12	0	22.82	0.191
					12	6	22.93	0.196
					12	13	22.87	0.194
					25	0	22.76	0.189
			23230	782.0	1	0	23.83	0.242
					1	12	23.70	0.234
					1	24	23.68	0.233
					12	0	22.89	0.195
					12	6	22.81	0.191
					12	13	22.78	0.190
					25	0	22.76	0.189
			23255	784.5	1	0	23.71	0.235
					1	12	23.69	0.234
					1	24	23.66	0.232
					12	0	22.78	0.190
					12	6	22.76	0.189
					12	13	22.73	0.187
					25	0	22.75	0.188
		16QAM	23205	779.5	1	0	23.07	0.203
					1	12	23.10	0.204
					1	24	23.02	0.200
					12	0	21.85	0.153
					12	6	21.95	0.157
					12	13	21.92	0.156
					25	0	21.84	0.153
			23230	782.0	1	0	**23.12**	**0.205**
					1	12	22.97	0.198
					1	24	22.93	0.196
					12	0	21.92	0.156
					12	6	21.81	0.152
					12	13	21.77	0.150
					25	0	21.79	0.151
			23255	784.5	1	0	22.97	0.198
					1	12	22.92	0.196
					1	24	22.97	0.198
					12	0	21.77	0.150
					12	6	21.80	0.151
					12	11	21.78	0.151
					25	0	21.72	0.149

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band13	10 MHz	QPSK	23230	782.0	1	0	**23.77**	**0.238**
					1	24	23.74	0.237
					1	49	23.63	0.231
					25	0	22.83	0.192
					25	12	22.78	0.190
					25	25	22.74	0.188
					50	0	22.77	0.189
		16QAM			1	0	**23.00**	**0.200**
					1	24	22.95	0.197
					1	49	22.83	0.192
					25	0	21.86	0.153
					25	12	21.84	0.153
					25	25	21.74	0.149
					50	0	21.79	0.151

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band26	1.4 MHz	QPSK	26797	824.7	1	0	23.63	0.231
					1	2	23.69	0.234
					1	5	23.60	0.229
					3	0	23.68	0.233
					3	1	**23.72**	**0.236**
					3	3	23.68	0.233
					6	0	22.68	0.185
			26915	836.5	1	0	23.61	0.230
					1	2	23.68	0.233
					1	5	23.56	0.227
					3	0	23.66	0.232
					3	1	23.68	0.233
					3	3	23.66	0.232
					6	0	22.67	0.185
			27033	848.3	1	0	23.48	0.223
					1	2	23.51	0.224
					1	5	23.39	0.218
					3	0	23.54	0.226
					3	1	23.57	0.228
					3	3	23.51	0.224
					6	0	22.53	0.179
		16QAM	26797	824.7	1	0	22.95	0.197
					1	2	22.99	0.199
					1	5	22.89	0.195
					3	0	22.80	0.191
					3	1	22.85	0.193
					3	3	22.76	0.189
					6	0	21.64	0.146
			26915	836.5	1	0	23.00	0.200
					1	2	**23.02**	**0.200**
					1	5	22.97	0.198
					3	0	22.78	0.190
					3	1	22.83	0.192
					3	3	22.76	0.189
					6	0	21.73	0.149
			27033	848.3	1	0	22.68	0.185
					1	2	22.85	0.193
					1	5	22.81	0.191
					3	0	22.61	0.182
					3	1	22.68	0.185
					3	3	22.58	0.181
					6	0	21.61	0.145

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band26	3 MHz	QPSK	26805	825.5	1	0	23.67	0.233
					1	7	**23.76**	**0.238**
					1	14	23.62	0.230
					8	0	22.75	0.188
					8	3	22.69	0.186
					8	7	22.63	0.183
					15	0	22.60	0.182
			26915	836.5	1	0	23.69	0.234
					1	7	23.74	0.237
					1	14	23.66	0.232
					8	0	22.75	0.188
					8	3	22.75	0.188
					8	7	22.71	0.187
					15	0	22.72	0.187
			27025	847.5	1	0	23.47	0.222
					1	7	23.61	0.230
					1	14	23.44	0.221
					8	0	22.61	0.182
					8	3	22.63	0.183
					8	7	22.61	0.182
					15	0	22.60	0.182
		16QAM	26805	825.5	1	0	22.99	0.199
					1	7	23.05	0.202
					1	14	22.99	0.199
					8	0	21.70	0.148
					8	3	21.70	0.148
					8	7	21.67	0.147
					15	0	21.63	0.146
			26915	836.5	1	0	22.99	0.199
					1	7	**23.09**	**0.204**
					1	14	22.98	0.199
					8	0	21.79	0.151
					8	3	21.84	0.153
					8	7	21.81	0.152
					15	0	21.72	0.149
			27025	847.5	1	0	22.75	0.188
					1	7	22.90	0.195
					1	14	22.75	0.188
					8	0	21.65	0.146
					8	3	21.65	0.146
					8	7	21.63	0.146
					15	0	21.60	0.145

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band26	5 MHz	QPSK	26815	826.5	1	0	23.67	0.233
					1	12	23.64	0.231
					1	24	23.63	0.231
					12	0	22.77	0.189
					12	6	22.77	0.189
					12	13	22.66	0.185
					25	0	22.65	0.184
			26915	836.5	1	0	23.60	0.229
					1	12	**23.68**	**0.233**
					1	24	23.65	0.232
					12	0	22.74	0.188
					12	6	22.76	0.189
					12	13	22.73	0.187
					25	0	22.76	0.189
			27015	846.5	1	0	23.49	0.223
					1	12	23.59	0.229
					1	24	23.58	0.228
					12	0	22.74	0.188
					12	6	22.72	0.187
					12	13	22.69	0.186
					25	0	22.70	0.186
		16QAM	26815	826.5	1	0	**23.00**	**0.200**
					1	12	22.91	0.195
					1	24	22.94	0.197
					12	0	21.70	0.148
					12	6	21.71	0.148
					12	13	21.68	0.147
					25	0	21.64	0.146
			26915	836.5	1	0	22.86	0.193
					1	12	22.96	0.198
					1	24	22.95	0.197
					12	0	21.82	0.152
					12	6	21.83	0.152
					12	13	21.78	0.151
					25	0	21.78	0.151
			27015	846.5	1	0	22.79	0.190
					1	12	22.87	0.194
					1	24	22.92	0.196
					12	0	21.76	0.150
					12	6	21.76	0.150
					12	11	21.72	0.149
					25	0	21.70	0.148

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band26	10 MHz	QPSK	26840	829.0	1	0	**23.68**	**0.233**
					1	24	23.61	0.230
					1	49	23.60	0.229
					25	0	22.76	0.189
					25	12	22.77	0.189
					25	25	22.71	0.187
					50	0	22.64	0.184
			26915	836.5	1	0	23.63	0.231
					1	24	23.67	0.233
					1	49	23.61	0.230
					25	0	22.70	0.186
					25	12	22.78	0.190
					25	25	22.71	0.187
					50	0	22.77	0.189
			26990	844.0	1	0	23.59	0.229
					1	24	23.40	0.219
					1	49	23.49	0.223
					25	0	22.64	0.184
					25	12	22.65	0.184
					25	25	22.61	0.182
					50	0	22.64	0.184
		16QAM	26840	829.0	1	0	**22.98**	**0.199**
					1	24	22.96	0.198
					1	49	22.91	0.195
					25	0	21.76	0.150
					25	12	21.74	0.149
					25	25	21.70	0.148
					50	0	21.66	0.147
			26915	836.5	1	0	22.97	0.198
					1	24	22.97	0.198
					1	49	22.92	0.196
					25	0	21.66	0.147
					25	12	21.84	0.153
					25	25	21.75	0.150
					50	0	21.76	0.150
			26990	844.0	1	0	22.83	0.192
					1	24	22.75	0.188
					1	49	22.73	0.187
					25	0	21.66	0.147
					25	12	21.66	0.147
					25	25	21.59	0.144
					50	0	21.62	0.145

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band26	15 MHz	QPSK	26865	831.5	1	0	23.68	0.233
					1	37	23.65	0.232
					1	74	23.68	0.233
					36	0	22.78	0.190
					36	19	22.78	0.190
					36	39	22.82	0.191
					75	0	22.71	0.187
			26915	836.5	1	0	23.64	0.231
					1	37	23.68	0.233
					1	74	23.52	0.225
					36	0	22.73	0.187
					36	19	22.83	0.192
					36	39	22.75	0.188
					75	0	22.79	0.190
			26965	841.5	1	0	**23.74**	**0.237**
					1	37	23.64	0.231
					1	74	23.59	0.229
					36	0	22.80	0.191
					36	19	22.77	0.189
					36	39	22.73	0.187
					75	0	22.76	0.189
		16QAM	26865	831.5	1	0	23.00	0.200
					1	37	22.96	0.198
					1	74	22.97	0.198
					36	0	21.80	0.151
					36	19	21.77	0.150
					36	39	21.81	0.152
					75	0	21.75	0.150
			26915	836.5	1	0	22.95	0.197
					1	37	22.99	0.199
					1	74	22.83	0.192
					36	0	21.73	0.149
					36	19	21.81	0.152
					36	39	21.77	0.150
					75	0	21.79	0.151
			26965	841.5	1	0	**23.01**	**0.200**
					1	37	22.92	0.196
					1	74	22.84	0.192
					36	0	21.82	0.152
					36	19	21.83	0.152
					36	39	21.75	0.150
					75	0	21.75	0.150

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	5 MHz	QPSK	39715	2502.5	1	0	21.90	0.155
					1	12	21.91	0.155
					1	24	21.81	0.152
					12	0	21.00	0.126
					12	6	21.04	0.127
					12	13	21.02	0.126
					25	0	21.00	0.126
			39675	2498.5	1	0	21.91	0.155
					1	12	21.88	0.154
					1	24	21.85	0.153
					12	0	21.02	0.126
					12	6	20.97	0.125
					12	13	20.93	0.124
					25	0	20.94	0.124
			40148	2545.8	1	0	**22.07**	**0.161**
					1	12	22.06	0.161
					1	24	22.00	0.158
					12	0	21.17	0.131
					12	6	21.17	0.131
					12	13	21.11	0.129
					25	0	21.15	0.130
			40620	2593.0	1	0	22.00	0.158
					1	12	21.97	0.157
					1	24	21.90	0.155
					12	0	21.09	0.129
					12	6	21.05	0.127
					12	13	21.04	0.127
					25	0	21.08	0.128
			41093	2640.3	1	0	21.97	0.157
					1	12	21.93	0.156
					1	24	21.83	0.152
					12	0	21.01	0.126
					12	6	21.04	0.127
					12	13	20.89	0.123
					25	0	21.02	0.126
			41565	2687.5	1	0	21.88	0.154
					1	12	21.81	0.152
					1	24	21.81	0.152
					12	0	20.84	0.121
					12	6	20.86	0.122
					12	13	20.84	0.121
					25	0	20.85	0.122

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	5 MHz	16QAM	39715	2502.5	1	0	21.27	0.134
					1	12	21.30	0.135
					1	24	21.21	0.132
					12	0	20.10	0.102
					12	6	20.14	0.103
					12	13	20.10	0.102
					25	0	20.10	0.102
			39675	2498.5	1	0	21.21	0.132
					1	12	21.23	0.133
					1	24	21.24	0.133
					12	0	20.05	0.101
					12	6	20.08	0.102
					12	13	20.02	0.100
					25	0	20.04	0.101
			40148	2545.8	1	0	**21.50**	**0.141**
					1	12	21.49	0.141
					1	24	21.43	0.139
					12	0	20.24	0.106
					12	6	20.26	0.106
					12	11	20.22	0.105
					25	0	20.25	0.106
			40620	2593.0	1	0	21.37	0.137
					1	12	21.39	0.138
					1	24	21.36	0.137
					12	0	20.15	0.104
					12	6	20.18	0.104
					12	13	20.10	0.102
					25	0	20.10	0.102
			41093	2640.3	1	0	21.29	0.135
					1	12	21.28	0.134
					1	24	21.18	0.131
					12	0	20.07	0.102
					12	6	20.10	0.102
					12	11	19.95	0.099
					25	0	20.07	0.102
			41565	2687.5	1	0	21.16	0.131
					1	12	21.11	0.129
					1	24	21.05	0.127
					12	0	19.94	0.099
					12	6	19.98	0.100
					12	11	19.89	0.097
					25	0	19.92	0.098

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	10 MHz	QPSK	39740	2505.0	1	0	22.13	0.163
					1	24	22.04	0.160
					1	49	22.09	0.162
					25	0	21.21	0.132
					25	12	21.11	0.129
					25	25	21.14	0.130
					50	0	21.13	0.130
			39700	2501.0	1	0	22.00	0.158
					1	24	21.96	0.157
					1	49	21.89	0.155
					25	0	21.03	0.127
					25	12	21.05	0.127
					25	25	21.05	0.127
					50	0	21.05	0.127
			40160	2547.0	1	0	22.18	0.165
					1	24	22.09	0.162
					1	49	22.06	0.161
					25	0	21.24	0.133
					25	12	21.21	0.132
					25	25	21.15	0.130
					50	0	21.19	0.132
			40620	2593.0	1	0	22.08	0.161
					1	24	22.02	0.159
					1	49	21.98	0.158
					25	0	21.11	0.129
					25	12	21.11	0.129
					25	25	21.07	0.128
					50	0	21.11	0.129
			41080	2639.0	1	0	22.04	0.160
					1	24	21.99	0.158
					1	49	21.87	0.154
					25	0	21.09	0.129
					25	12	21.08	0.128
					25	25	20.92	0.124
					50	0	21.05	0.127
			41540	2685.0	1	0	**22.40**	**0.174**
					1	24	21.97	0.157
					1	49	22.31	0.170
					25	0	21.06	0.128
					25	12	20.91	0.123
					25	25	21.00	0.126
					50	0	21.04	0.127

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	10 MHz	16QAM	39740	2505.0	1	0	21.50	0.141
					1	24	21.42	0.139
					1	49	21.49	0.141
					25	0	20.26	0.106
					25	12	20.17	0.104
					25	25	20.17	0.104
					50	0	20.19	0.104
			39700	2501.0	1	0	21.35	0.136
					1	24	21.32	0.136
					1	49	21.25	0.133
					25	0	20.10	0.102
					25	12	20.12	0.103
					25	25	20.08	0.102
					50	0	20.08	0.102
			40160	2547.0	1	0	21.59	0.144
					1	24	21.50	0.141
					1	49	21.45	0.140
					25	0	20.25	0.106
					25	12	20.25	0.106
					25	25	20.16	0.104
					50	0	20.24	0.106
			40620	2593.0	1	0	21.47	0.140
					1	24	21.41	0.138
					1	49	21.35	0.136
					25	0	20.15	0.104
					25	12	20.15	0.104
					25	25	20.07	0.102
					50	0	20.13	0.103
			41080	2639.0	1	0	21.37	0.137
					1	24	21.30	0.135
					1	49	21.20	0.132
					25	0	20.10	0.102
					25	12	20.12	0.103
					25	25	19.94	0.099
					50	0	20.08	0.102
			41540	2685.0	1	0	**21.78**	**0.151**
					1	24	21.17	0.131
					1	49	21.65	0.146
					25	0	20.16	0.104
					25	12	19.98	0.100
					25	25	20.04	0.101
					50	0	20.10	0.102

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	15 MHz	QPSK	39765	2507.5	1	0	22.32	0.171
					1	37	22.21	0.166
					1	74	22.29	0.169
					36	0	21.20	0.132
					36	19	21.23	0.133
					36	39	21.25	0.133
					75	0	21.22	0.132
			39725	2503.5	1	0	22.18	0.165
					1	37	22.13	0.163
					1	74	22.16	0.164
					36	0	21.12	0.129
					36	19	21.15	0.130
					36	39	21.04	0.127
					75	0	21.13	0.130
			40173	2548.3	1	0	**22.41**	**0.174**
					1	37	22.27	0.169
					1	74	22.25	0.168
					36	0	21.25	0.133
					36	19	21.28	0.134
					36	39	21.20	0.132
					75	0	21.27	0.134
			40620	2593.0	1	0	22.32	0.171
					1	37	22.15	0.164
					1	74	22.12	0.163
					36	0	21.14	0.130
					36	19	21.15	0.130
					36	39	21.07	0.128
					75	0	21.15	0.130
			41068	2637.8	1	0	22.19	0.166
					1	37	22.04	0.160
					1	74	21.97	0.157
					36	0	21.10	0.129
					36	19	21.06	0.128
					36	39	20.92	0.124
					75	0	21.07	0.128
			41515	2682.5	1	0	22.01	0.159
					1	37	21.88	0.154
					1	74	21.84	0.153
					36	0	20.99	0.126
					36	19	20.91	0.123
					36	39	20.90	0.123
					75	0	20.94	0.124

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	15 MHz	16QAM	39765	2507.5	1	0	21.60	0.145
					1	37	21.53	0.142
					1	74	21.59	0.144
					36	0	20.21	0.105
					36	19	20.25	0.106
					36	39	20.25	0.106
					75	0	20.28	0.107
			39725	2503.5	1	0	21.44	0.139
					1	37	21.42	0.139
					1	74	21.39	0.138
					36	0	20.15	0.104
					36	19	20.14	0.103
					36	39	20.07	0.102
					75	0	20.21	0.105
			40173	2548.3	1	0	**21.68**	**0.147**
					1	37	21.57	0.144
					1	74	21.47	0.140
					36	0	20.32	0.108
					36	19	20.27	0.106
					36	39	20.22	0.105
					75	0	20.29	0.107
			40620	2593	1	0	21.55	0.143
					1	37	21.45	0.140
					1	74	21.35	0.136
					36	0	20.2	0.105
					36	19	20.15	0.104
					36	39	20.07	0.102
					75	0	20.15	0.104
			41068	2637.8	1	0	21.48	0.141
					1	37	21.29	0.135
					1	74	21.2	0.132
					36	0	20.13	0.103
					36	19	20.08	0.102
					36	39	19.94	0.099
					75	0	20.12	0.103
			41515	2682.5	1	0	21.28	0.134
					1	37	21.1	0.129
					1	74	21.11	0.129
					36	0	20.02	0.100
					36	19	19.96	0.099
					36	39	19.88	0.097
					75	0	19.96	0.099

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	20 MHz	QPSK	39790	2510	1	0	22.31	0.170
					1	49	22.21	0.166
					1	99	22.38	0.173
					50	0	21.4	0.138
					50	25	21.37	0.137
					50	50	21.36	0.137
					100	0	21.38	0.137
			39750	2506	1	0	22.25	0.168
					1	49	22.17	0.165
					1	99	22.34	0.171
					50	0	21.4	0.138
					50	25	21.31	0.135
					50	50	21.28	0.134
					100	0	21.32	0.136
			40185	2549.5	1	0	22.14	0.164
					1	49	22.21	0.166
					1	99	22.41	0.174
					50	0	21.44	0.139
					50	25	21.34	0.136
					50	50	21.25	0.133
					100	0	21.34	0.136
			40620	2593	1	0	22.02	0.159
					1	49	22.07	0.161
					1	99	22.18	0.165
					50	0	21.33	0.136
					50	25	21.21	0.132
					50	50	21.15	0.130
					100	0	21.25	0.133
			41055	2636.5	1	0	21.92	0.156
					1	49	22.03	0.160
					1	99	22.17	0.165
					50	0	21.24	0.133
					50	25	21.17	0.131
					50	50	21.1	0.129
					100	0	21.18	0.131
			41490	2680	1	0	23.28	0.213
					1	49	21.83	0.152
					1	99	**23.57**	**0.228**
					50	0	21.58	0.144
					50	25	21.01	0.126
					50	50	20.96	0.125
					100	0	21.4	0.138

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	20 MHz	16QAM	39790	2510	1	0	21.76	0.150
					1	49	21.62	0.145
					1	99	21.76	0.150
					50	0	20.4	0.110
					50	25	20.43	0.110
					50	50	20.41	0.110
					100	0	20.43	0.110
			39750	2506	1	0	21.66	0.147
					1	49	21.57	0.144
					1	99	21.62	0.145
					50	0	20.41	0.110
					50	25	20.31	0.107
					50	50	20.36	0.109
					100	0	20.32	0.108
			40185	2549.5	1	0	21.84	0.153
					1	49	21.68	0.147
					1	99	21.54	0.143
					50	0	20.45	0.111
					50	25	20.39	0.109
					50	50	20.33	0.108
					100	0	20.39	0.109
			40620	2593	1	0	21.57	0.144
					1	49	21.43	0.139
					1	99	21.42	0.139
					50	0	20.3	0.107
					50	25	20.25	0.106
					50	50	20.2	0.105
					100	0	20.24	0.106
			41055	2636.5	1	0	21.53	0.142
					1	49	21.41	0.138
					1	99	21.25	0.133
					50	0	20.26	0.106
					50	25	20.18	0.104
					50	50	20.15	0.104
					100	0	20.17	0.104
			41490	2680	1	0	**22.75**	**0.188**
					1	49	21.16	0.131
					1	99	22.63	0.183
					50	0	20.19	0.104
					50	25	20.03	0.101
					50	50	20.05	0.101
					100	0	20.15	0.104

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band66	1.4 MHz	QPSK	131979	1710.7	1	0	23.02	0.200
					1	2	23.06	0.202
					1	5	23.03	0.201
					3	0	23.08	0.203
					3	1	23.15	0.207
					3	3	23.08	0.203
					6	0	22.09	0.162
			132197	1732.5	1	0	23.3	0.214
					1	2	23.36	0.217
					1	5	23.27	0.212
					3	0	23.34	0.216
					3	1	**23.39**	**0.218**
					3	3	23.36	0.217
					6	0	22.39	0.173
			132415	1754.3	1	0	23.26	0.212
					1	2	23.31	0.214
					1	5	23.22	0.210
					3	0	23.3	0.214
					3	1	23.36	0.217
					3	3	23.32	0.215
					6	0	22.31	0.170
		16QAM	131979	1710.7	1	0	22.3	0.170
					1	2	22.33	0.171
					1	5	22.28	0.169
					3	0	22.2	0.166
					3	1	22.28	0.169
					3	3	22.22	0.167
					6	0	21.14	0.130
			132197	1732.5	1	0	22.51	0.178
					1	2	**22.62**	**0.183**
					1	5	22.55	0.180
					3	0	22.46	0.176
					3	1	22.5	0.178
					3	3	22.47	0.177
					6	0	21.43	0.139
			132415	1754.3	1	0	22.52	0.179
					1	2	22.53	0.179
					1	5	22.47	0.177
					3	0	22.43	0.175
					3	1	22.49	0.177
					3	3	22.43	0.175
					6	0	21.37	0.137

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band66	3 MHz	QPSK	131987	1711.5	1	0	23.12	0.205
					1	7	23.22	0.210
					1	14	23.11	0.205
					8	0	22.2	0.166
					8	3	22.22	0.167
					8	7	22.18	0.165
					15	0	22.17	0.165
			132197	1732.5	1	0	23.38	0.218
					1	7	**23.48**	**0.223**
					1	14	23.33	0.215
					8	0	22.47	0.177
					8	3	22.46	0.176
					8	7	22.47	0.177
					15	0	22.44	0.175
			132407	1753.5	1	0	23.33	0.215
					1	7	23.42	0.220
					1	14	23.28	0.213
					8	0	22.4	0.174
					8	3	22.43	0.175
					8	7	22.38	0.173
					15	0	22.4	0.174
		16QAM	131987	1711.5	1	0	22.37	0.173
					1	7	22.51	0.178
					1	14	22.38	0.173
					8	0	21.25	0.133
					8	3	21.27	0.134
					8	7	21.24	0.133
					15	0	21.18	0.131
			132197	1732.5	1	0	22.6	0.182
					1	7	**22.74**	**0.188**
					1	14	22.66	0.185
					8	0	21.51	0.142
					8	3	21.52	0.142
					8	7	21.52	0.142
					15	0	21.47	0.140
			132407	1753.5	1	0	22.59	0.182
					1	7	22.68	0.185
					1	14	22.61	0.182
					8	0	21.42	0.139
					8	3	21.45	0.140
					8	7	21.41	0.138
					15	0	21.35	0.136

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band66	5 MHz	QPSK	131997	1712.5	1	0	23.28	0.213
					1	12	23.24	0.211
					1	24	23.36	0.217
					12	0	22.32	0.171
					12	6	22.34	0.171
					12	13	22.33	0.171
					25	0	22.31	0.170
			132197	1732.5	1	0	**23.43**	**0.220**
					1	12	23.4	0.219
					1	24	23.39	0.218
					12	0	22.47	0.177
					12	6	22.53	0.179
					12	13	22.49	0.177
					25	0	22.47	0.177
			132397	1752.5	1	0	23.38	0.218
					1	12	23.33	0.215
					1	24	23.33	0.215
					12	0	22.39	0.173
					12	6	22.42	0.175
					12	13	22.43	0.175
					25	0	22.44	0.175
		16QAM	131997	1712.5	1	0	22.58	0.181
					1	12	22.48	0.177
					1	24	22.6	0.182
					12	0	21.34	0.136
					12	6	21.37	0.137
					12	13	21.33	0.136
					25	0	21.36	0.137
			132197	1732.5	1	0	22.62	0.183
					1	12	22.6	0.182
					1	24	22.62	0.183
					12	0	21.51	0.142
					12	6	21.53	0.142
					12	13	21.5	0.141
					25	0	21.48	0.141
			132397	1752.5	1	0	**22.66**	**0.185**
					1	12	22.6	0.182
					1	24	22.59	0.182
					12	0	21.46	0.140
					12	6	21.45	0.140
					12	11	21.44	0.139
					25	0	21.41	0.138

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band66	10 MHz	QPSK	132022	1715	1	0	23.24	0.211
					1	24	23.27	0.212
					1	49	23.28	0.213
					25	0	22.39	0.173
					25	12	22.49	0.177
					25	25	22.48	0.177
					50	0	22.38	0.173
			132197	1732.5	1	0	**23.58**	**0.228**
					1	24	23.41	0.219
					1	49	23.43	0.220
					25	0	22.53	0.179
					25	12	22.53	0.179
					25	25	22.52	0.179
					50	0	22.53	0.179
			132372	1750	1	0	23.52	0.225
					1	24	23.35	0.216
					1	49	23.36	0.217
					25	0	22.56	0.180
					25	12	22.46	0.176
					25	25	22.42	0.175
					50	0	22.46	0.176
		16QAM	132022	1715	1	0	22.57	0.181
					1	24	22.68	0.185
					1	49	22.74	0.188
					25	0	21.41	0.138
					25	12	21.53	0.142
					25	25	21.48	0.141
					50	0	21.41	0.138
			132197	1732.5	1	0	22.8	0.191
					1	24	22.65	0.184
					1	49	22.68	0.185
					25	0	21.54	0.143
					25	12	21.54	0.143
					25	25	21.51	0.142
					50	0	21.52	0.142
			132372	1750	1	0	**22.84**	**0.192**
					1	24	22.65	0.184
					1	49	22.63	0.183
					25	0	21.59	0.144
					25	12	21.49	0.141
					25	25	21.45	0.140
					50	0	21.49	0.141

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band66	15 MHz	QPSK	132047	1717.5	1	0	23.35	0.216
					1	37	23.3	0.214
					1	74	23.51	0.224
					36	0	22.36	0.172
					36	19	22.43	0.175
					36	39	22.43	0.175
					75	0	22.46	0.176
			132197	1732.5	1	0	23.66	0.232
					1	37	23.42	0.220
					1	74	23.39	0.218
					36	0	22.67	0.185
					36	19	22.59	0.182
					36	39	22.55	0.180
					75	0	22.55	0.180
			132347	1747.5	1	0	**23.69**	**0.234**
					1	37	23.54	0.226
					1	74	23.52	0.225
					36	0	22.69	0.186
					36	19	22.68	0.185
					36	39	22.54	0.179
					75	0	22.68	0.185
		16QAM	132047	1717.5	1	0	22.57	0.181
					1	37	22.57	0.181
					1	74	22.7	0.186
					36	0	21.36	0.137
					36	19	21.47	0.140
					36	39	21.48	0.141
					75	0	21.47	0.140
			132197	1732.5	1	0	22.9	0.195
					1	37	22.65	0.184
					1	74	22.62	0.183
					36	0	21.67	0.147
					36	19	21.6	0.145
					36	39	21.56	0.143
					75	0	21.57	0.144
			132347	1747.5	1	0	**22.93**	**0.196**
					1	37	22.76	0.189
					1	74	22.77	0.189
					36	0	21.72	0.149
					36	19	21.69	0.148
					36	39	21.54	0.143
					75	0	21.69	0.148

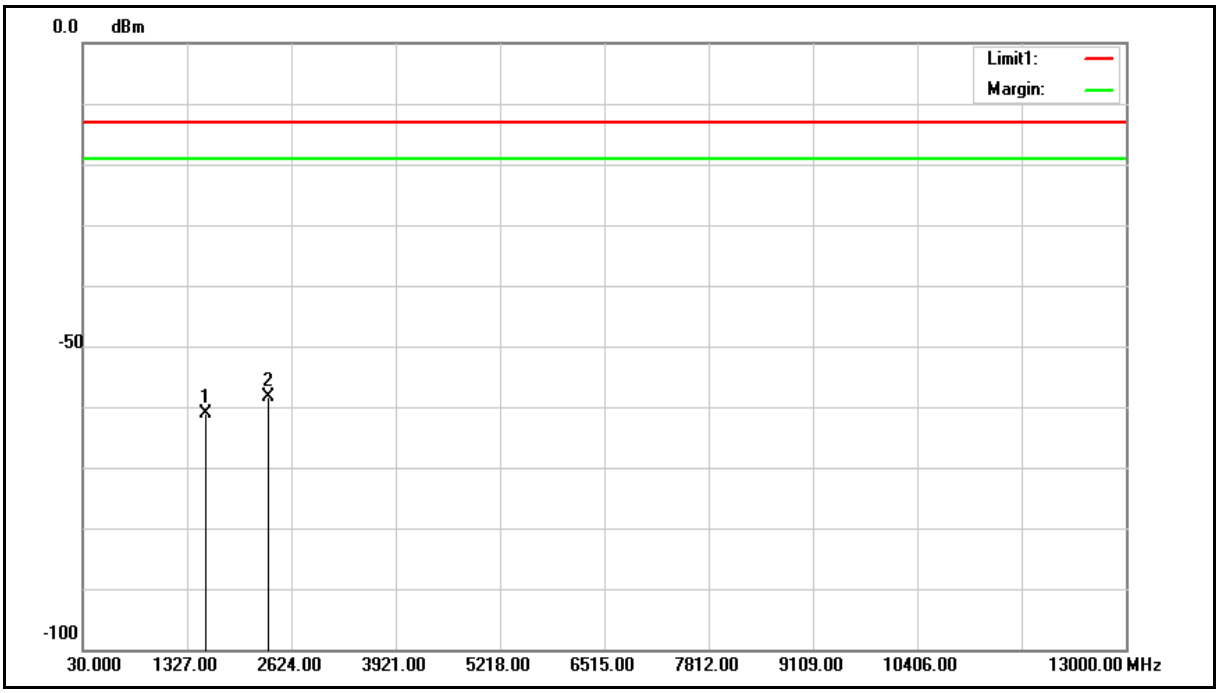
Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band66	20 MHz	QPSK	132072	1720	1	0	23.36	0.217
					1	49	23.33	0.215
					1	99	23.52	0.225
					50	0	22.51	0.178
					50	25	22.5	0.178
					50	50	22.57	0.181
					100	0	22.6	0.182
			132197	1732.5	1	0	23.67	0.233
					1	49	23.42	0.220
					1	99	23.42	0.220
					50	0	22.72	0.187
					50	25	22.56	0.180
					50	50	22.55	0.180
					100	0	22.6	0.182
			132322	1745	1	0	**23.72**	**0.236**
					1	49	23.53	0.225
					1	99	23.51	0.224
					50	0	22.73	0.187
					50	25	22.68	0.185
					50	50	22.56	0.180
					100	0	22.69	0.186
		16QAM	132072	1720	1	0	22.64	0.184
					1	49	22.62	0.183
					1	99	22.78	0.190
					50	0	21.52	0.142
					50	25	21.48	0.141
					50	50	21.57	0.144
					100	0	21.59	0.144
			132197	1732.5	1	0	**22.93**	**0.196**
					1	49	22.66	0.185
					1	99	22.63	0.183
					50	0	21.71	0.148
					50	25	21.56	0.143
					50	50	21.56	0.143
					100	0	21.6	0.145
			132322	1745	1	0	22.84	0.192
					1	49	22.77	0.189
					1	99	22.77	0.189
					50	0	21.75	0.150
					50	25	21.68	0.147
					50	50	21.55	0.143
					100	0	21.74	0.149

Effective Radiated Power / Equivalent Isotropic Radiated Power

Band 13								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dBm)	E.I.R.P.		Limit (W)
						(dBm)	(W)	
5 M	QPSK	782.0	H	9.73	10.68	20.41	0.110	< 3
			V	12.75	10.68	**23.43**	**0.220**	< 3

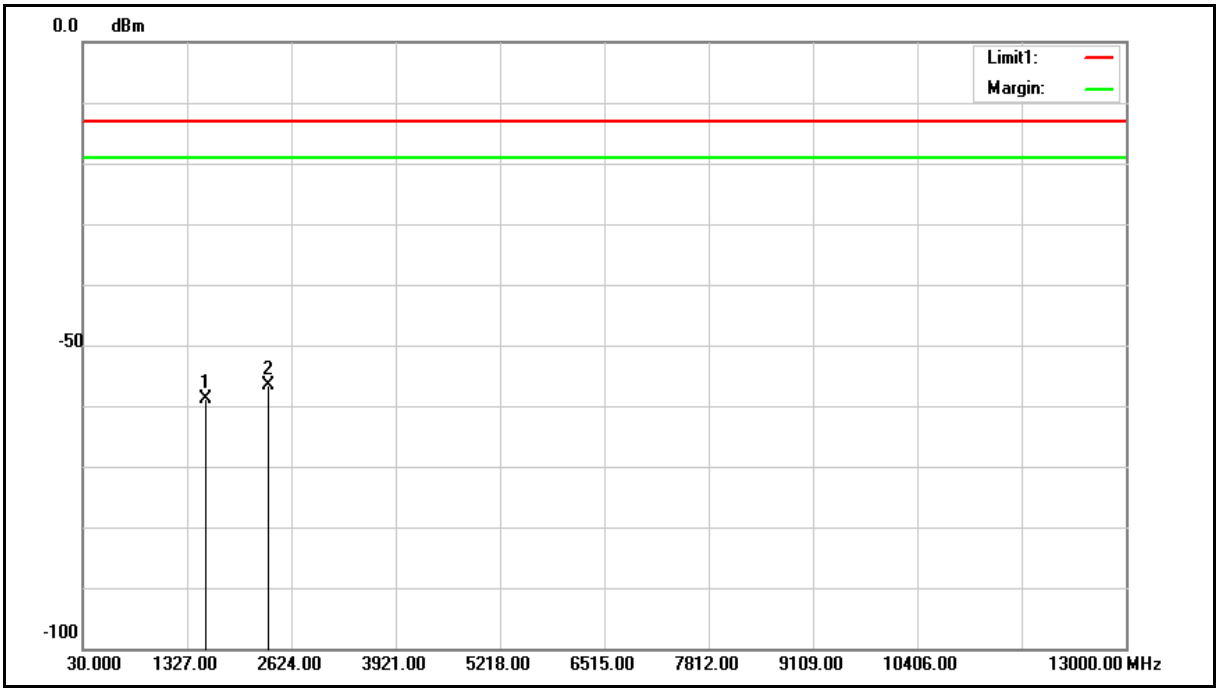
Radiated Emission

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	782 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	4 G_BAND 13_5 M_QPSK_CH23230		
Ant.Polar.:	Horizontal		



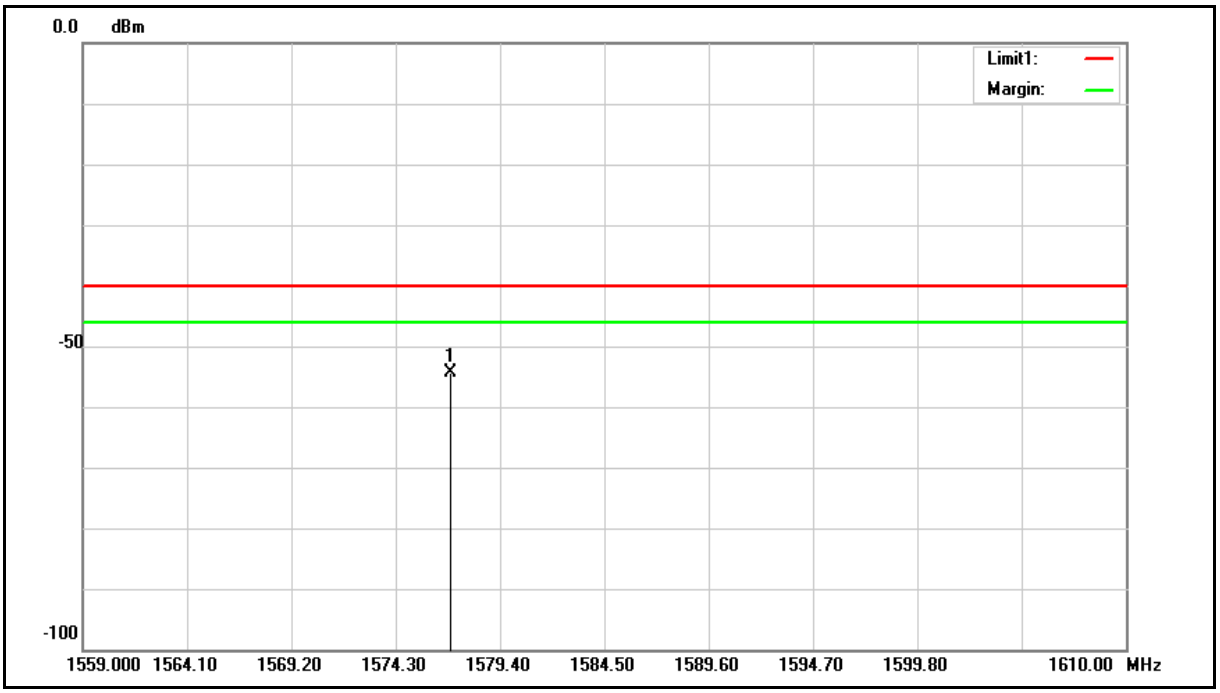
No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1559.000	-55.35	-5.74	-61.09	-13.00	-48.09	peak
2	2338.500	-55.47	-2.98	-58.45	-13.00	-45.45	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	782 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	4 G_BAND 13_5 M_QPSK_CH23230		
Ant.Polar.:	Vertical		



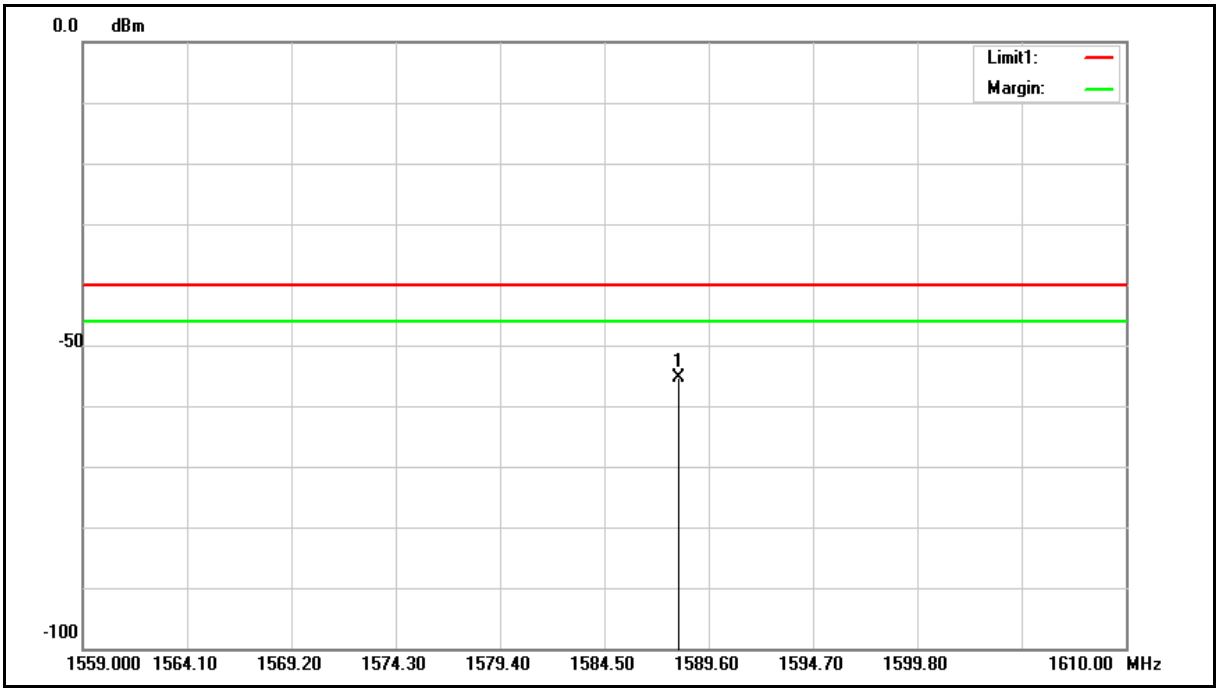
No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1559.000	-53.22	-5.74	-58.96	-13.00	-45.96	peak
2	2338.500	-53.58	-2.98	-56.56	-13.00	-43.56	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	782 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	4 G_BAND 13_5 M_QPSK_CH23230		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1577.003	-48.74	-5.68	-54.42	-40.00	-14.42	peak

Standard:	Part 22H&24E&27	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	782 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	4 G_BAND 13_5 M_QPSK_CH23230		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1588.121	-49.81	-5.64	-55.45	-40.00	-15.45	peak