

RF Test Report

Applicant : Netgear Incorporated
Product Type : Mobile Router
Trade Name : NETGEAR
Model Number : MR1100-320
Test Specification : FCC 47 CFR PART 22H
FCC 47 CFR PART 24E
FCC 47 CFR PART 27
ANSI/TIA-603-D 2010
Receive Date : Apr. 12, 2017
Test Period : Jul. 19 ~ Aug. 16, 2017
Issue Date : Sep. 06, 2017

Issue by

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Taiwan Accreditation Foundation accreditation number: 1330

Test Firm MRA designation number: TW0010

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Revision History

Rev.	Issue Date	Revisions	Revised By
00	Aug. 21, 2017	Initial Issue	Snow Wang
01	Sep. 06, 2017	Revised report information.	Snow Wang



Verification of Compliance

Issued Date: Sep. 06, 2017

Applicant : Netgear Incorporated

Product Type : Mobile Router

Trade Name : NETGEAR

Model Number : MR1100-320

FCC ID : PY317200378

EUT Rated Voltage : DC 5V, 2A

Test Voltage : 120 Vac / 60 Hz, 3.85Vdc

Applicable Standard : FCC 47 CFR PART 22H
 FCC 47 CFR PART 24E
 FCC 47 CFR PART 27
 ANSI/TIA-603-D 2010

Test Result : Complied

Performing Lab. : A Test Lab Techno Corp.
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<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. Measurement Uncertainties were not taken into account and are published for informational purposes only. 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)



TABLE OF CONTENTS

1	General Information	5
1.1.	EUT Description	5
1.2.	Mode of Operation.....	10
1.3.	EUT Exercise Software	18
1.4.	Configuration of Test System Details.....	18
1.5.	Test Instruments	19
1.6.	Test Site Environment	20
1.7.	Summary of Test Result	20
2	Measurement Procedure	21
2.1.	Conducted Output Average Power Test	21
2.2.	Effective Radiated Power / Equivalent Isotropic Radiated Power Test.....	22
2.3.	Frequency Stability Test.....	25
2.4.	Emission Bandwidth & Occupied Bandwidth Test	26
2.5.	Peak to Average Ratio Test	27
2.6.	Band Edge Test	28
2.7.	Conducted Spurious Emission Test.....	30
2.8.	Radiated Emission Test.....	32
3	Test Results.....	34
	Conducted Output Average Power.....	34
	Effective Radiated Power / Equivalent Isotropic Radiated Power	129
	Radiated Emission	136
	Appendix : Frequency Stability/ Emission Bandwidth & Occupied Bandwidth/ Peak to Average Ratio/ Band Edge/ Conducted Spurious Emission	264



1 General Information

1.1. EUT Description

Applicant	Netgear Incorporated 350 East Plumeria Drive, San Jose, California, United States 95134		
Manufacturer	Netgear Inc. Suite 168 – 10760 Shellbridge Way, Richmond, BC Canada V6X 3H1		
Product Type	Mobile Router		
Trade Name	NETGEAR		
Model Number	MR1100-320		
FCC ID	PY317200378		
IMEI No.	01497500		
Operate Band	Frequency Range (MHz)	Modulation	Channel Bandwidth
LTE Band 2	UL: 1850 ~ 1910	QPSK, 16QAM	1.4M, 3M, 5MHz, 10MHz, 15MHz, 20MHz
	DL: 1930 ~ 1990	QPSK, 16QAM	
LTE Band 4	UL: 1710 ~ 1755	QPSK, 16QAM	1.4M, 3M, 5MHz, 10MHz, 15MHz, 20MHz
	DL: 2110 ~ 2155	QPSK, 16QAM	
LTE Band 5	UL: 824 ~ 849	QPSK, 16QAM	1.4M, 3M, 5MHz, 10MHz
	DL: 869 ~ 894	QPSK, 16QAM	
LTE Band 7	UL: 2500 ~ 2570	QPSK, 16QAM	5MHz, 10MHz, 15MHz, 20MHz
	DL: 2620 ~ 2690	QPSK, 16QAM	
LTE Band 12	UL: 699 ~ 716	QPSK, 16QAM	1.4M, 3M, 5MHz, 10MHz
	DL: 728 ~ 746	QPSK, 16QAM	
LTE Band 30	UL: 2305 ~ 2315	QPSK, 16QAM	5MHz, 10MHz
	DL: 2350 ~ 2360	QPSK, 16QAM	
LTE Band 66	UL: 1710 ~ 1755	QPSK, 16QAM	1.4M, 3M, 5MHz, 10MHz, 15MHz, 20MHz
	DL: 2110 ~ 2155	QPSK, 16QAM	
Type of Antenna	PIFA Antenna		
Antenna Gain	LTE Band 2	1.36 dBi	
	LTE Band 4	1.64 dBi	
	LTE Band 5	-0.63 dBi	
	LTE Band 7	0.62 dBi	
	LTE Band 12	-0.01 dBi	
	LTE Band 30	1.19 dBi	
	LTE Band 66	1.64 dBi	
Operate Temp. Range	0 ~ 50 °C		



Band	Channel Bandwidth	Modulation	Average Power	E.R.P. /E.I.R.P.
			(W)	(W)
LTE Band2	1.4MHz	QPSK	0.216	0.202
LTE Band2	1.4MHz	16QAM	0.190	0.128
LTE Band2	3MHz	QPSK	0.217	0.220
LTE Band2	3MHz	16QAM	0.187	0.136
LTE Band2	5MHz	QPSK	0.218	0.222
LTE Band2	5MHz	16QAM	0.187	0.142
LTE Band2	10MHz	QPSK	0.217	0.217
LTE Band2	10MHz	16QAM	0.186	0.144
LTE Band2	15MHz	QPSK	0.216	0.224
LTE Band2	15MHz	16QAM	0.185	0.152
LTE Band2	20MHz	QPSK	0.219	0.224
LTE Band2	20MHz	16QAM	0.194	0.153
LTE Band4	1.4MHz	QPSK	0.209	0.223
LTE Band4	1.4MHz	16QAM	0.192	0.154
LTE Band4	3MHz	QPSK	0.208	0.216
LTE Band4	3MHz	16QAM	0.185	0.147
LTE Band4	5MHz	QPSK	0.213	0.225
LTE Band4	5MHz	16QAM	0.179	0.142
LTE Band4	10MHz	QPSK	0.210	0.233
LTE Band4	10MHz	16QAM	0.180	0.150
LTE Band4	15MHz	QPSK	0.212	0.225
LTE Band4	15MHz	16QAM	0.182	0.144
LTE Band4	20MHz	QPSK	0.214	0.230
LTE Band4	20MHz	16QAM	0.177	0.140
LTE Band5	1.4MHz	QPSK	0.205	0.207
LTE Band5	1.4MHz	16QAM	0.180	0.136
LTE Band5	3MHz	QPSK	0.203	0.202
LTE Band5	3MHz	16QAM	0.182	0.136
LTE Band5	5MHz	QPSK	0.201	0.206
LTE Band5	5MHz	16QAM	0.180	0.131
LTE Band5	10MHz	QPSK	0.206	0.208
LTE Band5	10MHz	16QAM	0.182	0.137



Band	Channel Bandwidth	Modulation	Average Power	E.R.P. /E.I.R.P.
			(W)	(W)
LTE Band7	5MHz	QPSK	0.207	0.230
LTE Band7	5MHz	16QAM	0.190	0.145
LTE Band7	10MHz	QPSK	0.213	0.227
LTE Band7	10MHz	16QAM	0.191	0.140
LTE Band7	15MHz	QPSK	0.215	0.209
LTE Band7	15MHz	16QAM	0.191	0.140
LTE Band7	20MHz	QPSK	0.216	0.214
LTE Band7	20MHz	16QAM	0.185	0.133
LTE Band12	1.4MHz	QPSK	0.196	0.195
LTE Band12	1.4MHz	16QAM	0.160	0.128
LTE Band12	3MHz	QPSK	0.191	0.202
LTE Band12	3MHz	16QAM	0.157	0.133
LTE Band12	5MHz	QPSK	0.194	0.201
LTE Band12	5MHz	16QAM	0.154	0.130
LTE Band12	10MHz	QPSK	0.198	0.203
LTE Band12	10MHz	16QAM	0.158	0.137
LTE Band30	5MHz	QPSK	0.198	0.141
LTE Band30	5MHz	16QAM	0.178	0.102
LTE Band30	10MHz	QPSK	0.198	0.167
LTE Band30	10MHz	16QAM	0.177	0.109
LTE Band66	1.4MHz	QPSK	0.213	0.225
LTE Band66	1.4MHz	16QAM	0.196	0.145
LTE Band66	3MHz	QPSK	0.209	0.222
LTE Band66	3MHz	16QAM	0.185	0.140
LTE Band66	5MHz	QPSK	0.213	0.230
LTE Band66	5MHz	16QAM	0.179	0.136
LTE Band66	10MHz	QPSK	0.211	0.222
LTE Band66	10MHz	16QAM	0.181	0.147
LTE Band66	15MHz	QPSK	0.214	0.230
LTE Band66	15MHz	16QAM	0.185	0.140
LTE Band66	20MHz	QPSK	0.215	0.234
LTE Band66	20MHz	16QAM	0.180	0.138



Band	Channel Bandwidth	Modulation	Emission Designator Occupied Bandwidth (MHz)	
LTE Band2	1.4MHz	QPSK	1.077	1M08G7D
LTE Band2	1.4MHz	16QAM	1.077	1M08W7D
LTE Band2	3MHz	QPSK	2.692	2M69G7D
LTE Band2	3MHz	16QAM	2.692	2M69W7D
LTE Band2	5MHz	QPSK	4.471	4M47G7D
LTE Band2	5MHz	16QAM	4.487	4M49W7D
LTE Band2	10MHz	QPSK	8.942	8M94G7D
LTE Band2	10MHz	16QAM	8.974	8M97W7D
LTE Band2	15MHz	QPSK	13.462	13M5G7D
LTE Band2	15MHz	16QAM	13.413	13M4W7D
LTE Band2	20MHz	QPSK	17.885	17M9G7D
LTE Band2	20MHz	16QAM	17.885	17M9W7D
LTE Band4	1.4MHz	QPSK	1.077	1M08G7D
LTE Band4	1.4MHz	16QAM	1.077	1M08W7D
LTE Band4	3MHz	QPSK	2.692	2M70G7D
LTE Band4	3MHz	16QAM	2.692	2M70W7D
LTE Band4	5MHz	QPSK	4.471	4M47G7D
LTE Band4	5MHz	16QAM	4.487	4M48W7D
LTE Band4	10MHz	QPSK	8.974	8M97G7D
LTE Band4	10MHz	16QAM	8.974	8M97W7D
LTE Band4	15MHz	QPSK	13.462	13M5G7D
LTE Band4	15MHz	16QAM	13.462	13M5W7D
LTE Band4	20MHz	QPSK	17.885	17M9G7D
LTE Band4	20MHz	16QAM	17.885	17M9W7D
LTE Band5	1.4MHz	QPSK	1.077	1M08G7D
LTE Band5	1.4MHz	16QAM	1.077	1M08W7D
LTE Band5	3MHz	QPSK	2.692	2M69G7D
LTE Band5	3MHz	16QAM	2.692	2M69W7D
LTE Band5	5MHz	QPSK	4.471	4M47G7D
LTE Band5	5MHz	16QAM	4.487	4M49W7D
LTE Band5	10MHz	QPSK	8.942	8M94G7D
LTE Band5	10MHz	16QAM	8.974	8M97W7D



Band	Channel Bandwidth	Modulation	Emission Designator Occupied Bandwidth (MHz)	
LTE Band7	5MHz	QPSK	4.471	4M47G7D
LTE Band7	5MHz	16QAM	4.487	4M49W7D
LTE Band7	10MHz	QPSK	8.942	8M94G7D
LTE Band7	10MHz	16QAM	8.974	8M97W7D
LTE Band7	15MHz	QPSK	13.462	13M5G7D
LTE Band7	15MHz	16QAM	13.462	13M5W7D
LTE Band7	20MHz	QPSK	17.821	17M8G7D
LTE Band7	20MHz	16QAM	17.821	17M8W7D
LTE Band12	1.4MHz	QPSK	1.077	1M08G7D
LTE Band12	1.4MHz	16QAM	1.077	1M08W7D
LTE Band12	3MHz	QPSK	2.702	2M70G7D
LTE Band12	3MHz	16QAM	2.692	2M69W7D
LTE Band12	5MHz	QPSK	4.487	4M49G7D
LTE Band12	5MHz	16QAM	4.503	4M50W7D
LTE Band12	10MHz	QPSK	8.942	8M94G7D
LTE Band12	10MHz	16QAM	8.974	8M97W7D
LTE Band30	5MHz	QPSK	4.487	4M87G7D
LTE Band30	5MHz	16QAM	4.503	4M50W7D
LTE Band30	10MHz	QPSK	8.942	8M94G7D
LTE Band30	10MHz	16QAM	8.974	8M97W7D
LTE Band66	1.4MHz	QPSK	1.077	1M08G7D
LTE Band66	1.4MHz	16QAM	1.077	1M08W7D
LTE Band66	3MHz	QPSK	2.692	2M69G7D
LTE Band66	3MHz	16QAM	2.692	2M69W7D
LTE Band66	5MHz	QPSK	4.487	4M49G7D
LTE Band66	5MHz	16QAM	4.487	4M49W7D
LTE Band66	10MHz	QPSK	8.974	8M97G7D
LTE Band66	10MHz	16QAM	8.974	8M97W7D
LTE Band66	15MHz	QPSK	13.462	13M5G7D
LTE Band66	15MHz	16QAM	13.462	13M5W7D
LTE Band66	20MHz	QPSK	17.885	17M9G7D
LTE Band66	20MHz	16QAM	17.949	17M9W7D



1.2. Mode of Operation

Three channels had been tested for each channel bandwidth.

LTE Band 2						
Channel Bandwidth	1.4MHz		3MHz		5MHz	
	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	10MHz		15MHz		20MHz	
	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	1.4MHz		3MHz		5MHz	
	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	10MHz		15MHz		20MHz	
	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



LTE Band 5				
Channel Bandwidth	1.4MHz		3MHz	
	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	5MHz		10MHz	
	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	5MHz		10MHz	
	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	15MHz		20MHz	
	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



LTE Band 12				
Channel Bandwidth	1.4MHz		3MHz	
	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	5MHz		10MHz	
	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 30				
Channel Bandwidth	5MHz		10MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	27685	2307.5	---	---
Middle CH	27710	2310.0	27710	2310.0
High CH	27735	2312.5	---	---

LTE Band 66						
Channel Bandwidth	1.4MHz		3MHz		5MHz	
	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	10MHz		15MHz		20MHz	
	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: 30MHz to 26.5 GHz.

Band	Channel Bandwidth	Test Modes	
LTE Band 2	1.4 MHz	<input type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input checked="" type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	<input type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 37) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 74) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 19) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 39) Link <input type="checkbox"/> LTE(RB Size 75, RB Offset 0) Link	QPSK
	20 MHz	<input type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 99) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 50) Link <input type="checkbox"/> LTE(RB Size 100, RB Offset 0) Link	QPSK



Band	Channel Bandwidth	Test Modes	
LTE Band 4	1.4 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 37) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 74) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 19) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 39) Link <input type="checkbox"/> LTE(RB Size 75, RB Offset 0) Link	QPSK
	20 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 99) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 50) Link <input type="checkbox"/> LTE(RB Size 100, RB Offset 0) Link	QPSK



Band	Channel Bandwidth	Test Modes	
LTE Band 5	1.4 MHz	<input type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	<input type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link	QPSK
LTE Band 7	5 MHz	<input type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	<input type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	<input type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 37) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 74) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 19) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 39) Link <input type="checkbox"/> LTE(RB Size 75, RB Offset 0) Link	QPSK
	20 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 99) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 50) Link <input type="checkbox"/> LTE(RB Size 100, RB Offset 0) Link	QPSK



Band	Channel Bandwidth	Test Modes	
LTE Band 12	1.4 MHz	<input type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input checked="" type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link	QPSK
LTE Band 30	5 MHz	<input type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link	QPSK

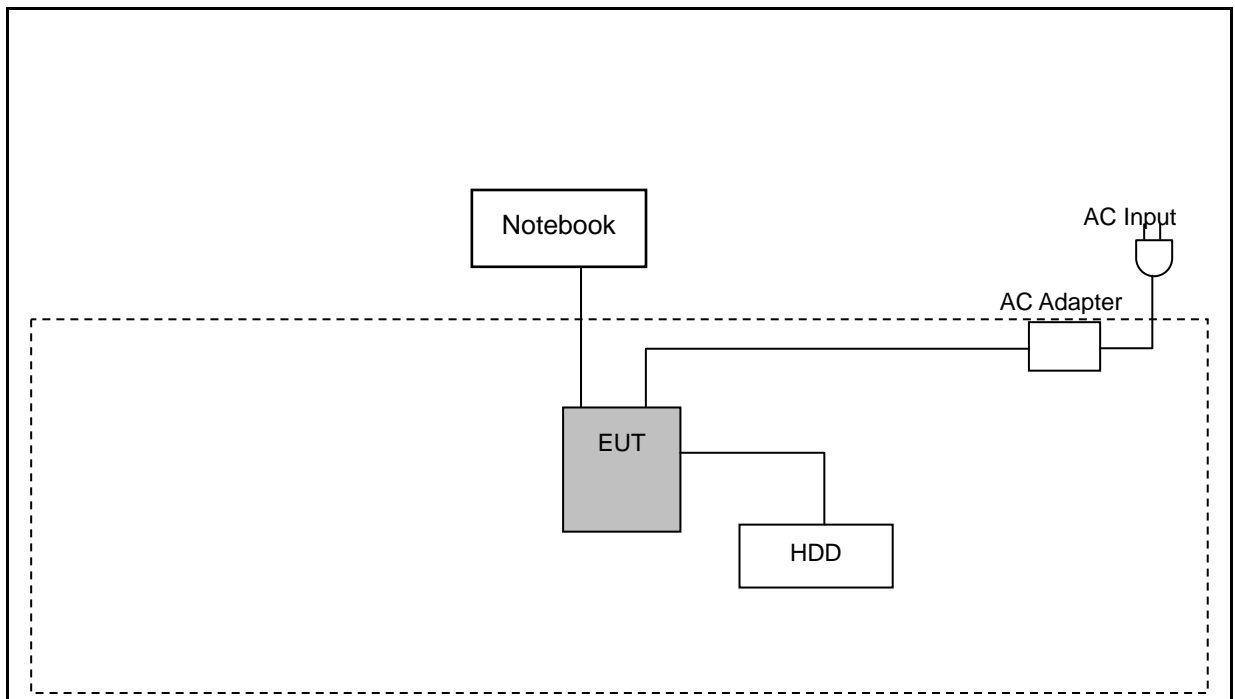


Band	Channel Bandwidth	Test Modes	
LTE Band 66	1.4 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 2) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 5) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 1) Link <input type="checkbox"/> LTE(RB Size 3, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 14) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 3) Link <input type="checkbox"/> LTE(RB Size 8, RB Offset 7) Link <input type="checkbox"/> LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 6) Link <input type="checkbox"/> LTE(RB Size 12, RB Offset 13) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 24) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 12) Link <input type="checkbox"/> LTE(RB Size 25, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 37) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 74) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 19) Link <input type="checkbox"/> LTE(RB Size 36, RB Offset 39) Link <input type="checkbox"/> LTE(RB Size 75, RB Offset 0) Link	QPSK
	20 MHz	<input checked="" type="checkbox"/> LTE(RB Size 1, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 49) Link <input type="checkbox"/> LTE(RB Size 1, RB Offset 99) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 0) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 25) Link <input type="checkbox"/> LTE(RB Size 50, RB Offset 50) Link <input type="checkbox"/> LTE(RB Size 100, RB Offset 0) Link	QPSK

1.3. EUT Exercise Software

1	Setup the EUT and Base Station (CMW500) as shown on 1.4.
2	Turn on the power of all equipment.
3	EUT run test program test.

1.4. Configuration of Test System Details





1.5. Test Instruments

For Conducted

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Cycle
Wideband Radio Communication Tester	R & S	CMW500	103168	11/04/2016	1 year
Spectrum Analyzer	Agilent	N9030A	MY53120541	12/22/2016	1 year
Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	04/17/2017	1 year
Test Site	ATL	TE05	TE05	N.C.R.	-----

For Spurious Radiation

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Cycle
RF Pre-selector	Agilent	N9039A	MY46520256	04/24/2017	1 year
Spectrum Analyzer	Agilent	E4446A	MY46180578	04/24/2017	1 year
Pre Amplifier	Agilent	8449B	3008A02237	10/11/2016	1 year
Pre Amplifier	Agilent	8447D	2944A11119	01/12/2017	1 year
Broadband Antenna	Schwarzbeck	VULB9168	416	10/13/2016	1 year
Horn Antenna (1~18GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	06/20/2017	1 year
Horn Antenna (18~40GHz)	ETS	3116	00086467	09/05/2016	1 year
Microwave Cable	EMCI	EMC102-KM-KM-14000	151001	02/20/2017	1 year
Microwave Cable	EMCI	EMC-104-SM-SM-14000	140202	02/20/2017	1 year
Microwave Cable	EMCI	EMC104-SM-SM-600	140301	02/20/2017	1 year
Signal Generator	Agilent	E8257D	MY44320425	03/02/2017	1 year
Test Site	ATL	TE01	888001	08/29/2016	1 year

Note: N.C.R. = No Calibration Request.



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	950

Test Setting Condition		
L.V.	Low Voltage	DC 3.27 Vdc
N.V.	Normal Voltage	DC 3.85 Vdc
H.V.	High Voltage	DC 4.43 Vdc
L.T.	Low Temperature	-30 °C
N.T.	Normal Temperature	+25 °C
H.T.	High Temperature	+50 °C

1.7. Summary of Test Result

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

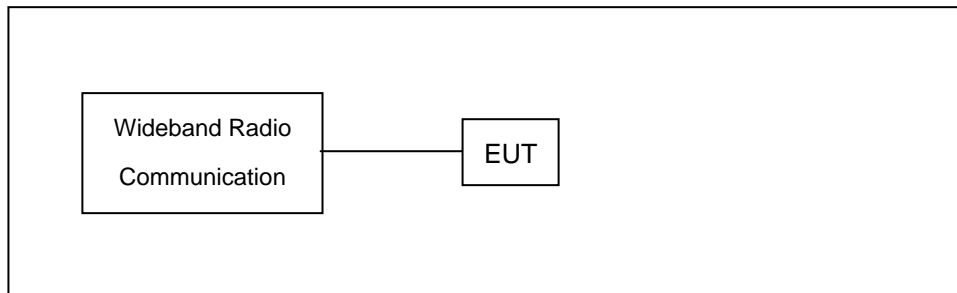
2 Measurement Procedure

2.1. Conducted Output Average Power Test

- **Limit**

N/A

- **Test Setup**



- **Test Procedure**

- The EUT was set up for the maximum power with simulator.
- 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 mobile transmitters and auxiliary test transmitters must not exceed 1 Watts.

For FCC Part 27.50(c)(9): Control and mobile stations in the 698-746 MHz band are limited to 30 watts ERP.

For FCC Part 27.50(h)(2): Mobile stations are limited to 2.0 watts EIRP.

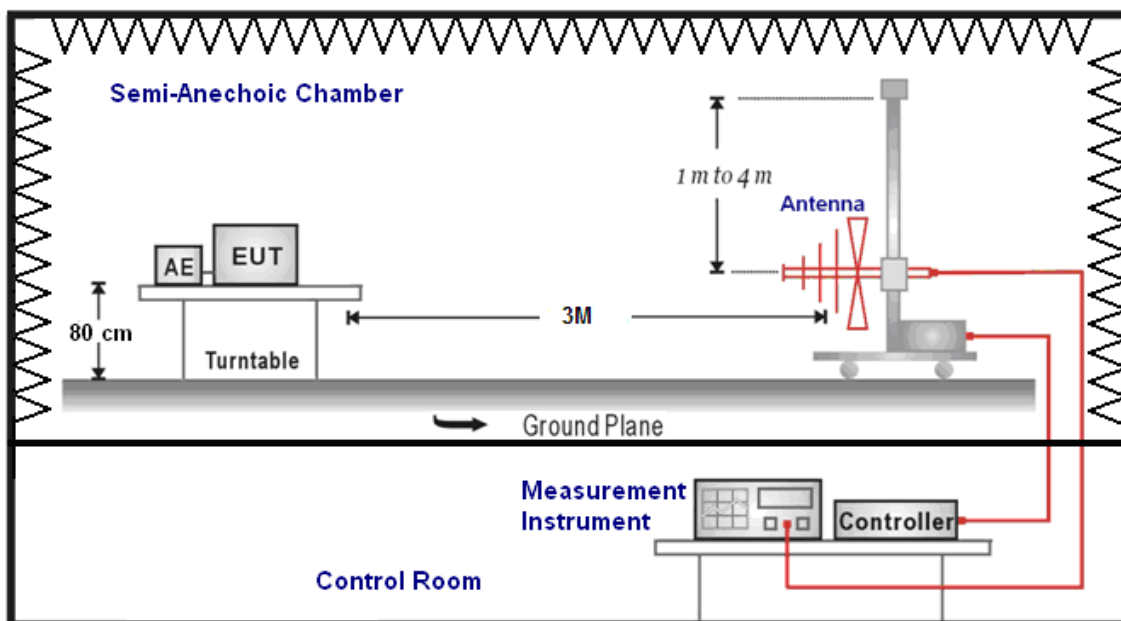
For FCC Part 22.913(a)(2): The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

For FCC Part 24.232(b): The EIRP of mobile transmitters and auxiliary test transmitters must not exceed 2 Watts.

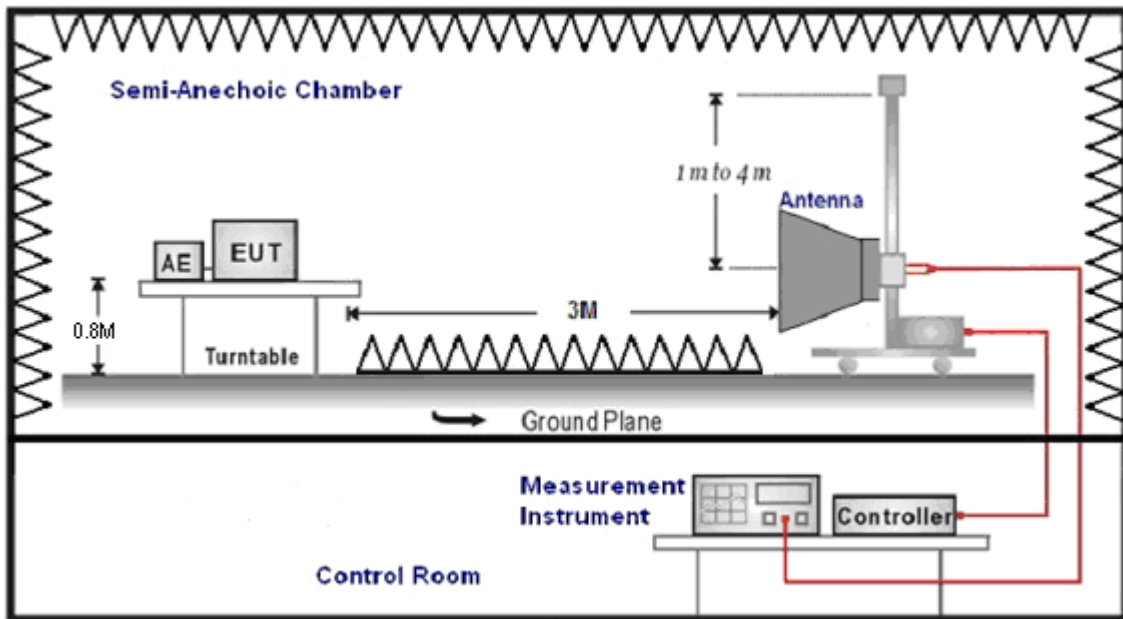
Part 27.50(a)(3): Mobile and portable stations. (i) For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant 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.

■ Test Setup

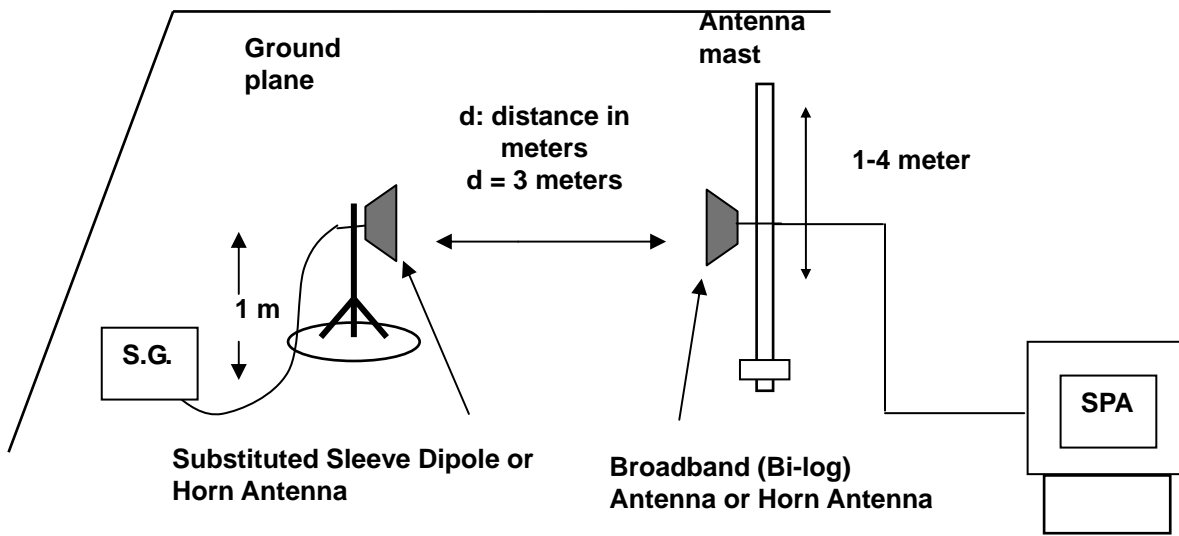
Below 1 GHz



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 0.8m 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 1m to 4m 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. $E.I.R.P. = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$
- e. $E.R.P. = E.I.R.P. - 2.15 \text{ dB}$

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

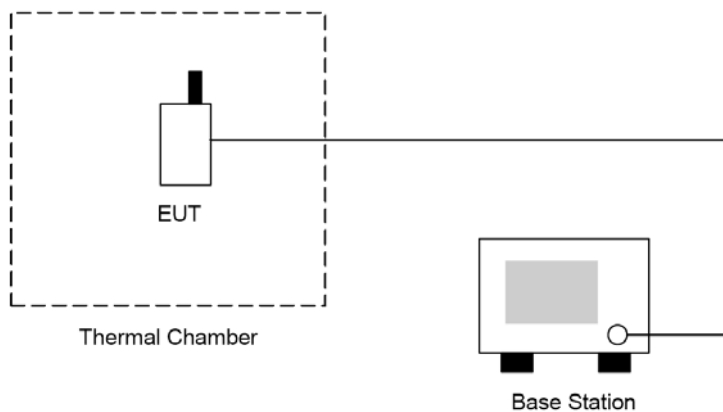
The measurement uncertainty is defined as for Field Strength of Spurious Radiation measurement is $\pm 3.072 \text{ dB}$.

2.3. Frequency Stability Test

■ Limit

According to the FCC rule shall be tested the frequency stability. The rule is defined that "The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation. The test extreme voltage is according to the 2.1055(d)(1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment and the extreme temperature rule is comply with the 2.1055(a)(1) $-30^{\circ}\text{C} \sim 50^{\circ}\text{C}$.

■ Setup



■ Test Procedure

1. The EUT and test equipment were set up as shown on the following section.
2. With all power removed, the temperature was decreased to -30°C and permitted to stabilize for three hours. Power was applied and the maximum change in frequency was note within one minute.
3. With power OFF, the temperature was raised in 10°C steps. The sample was permitted to stabilize at each step for at least one-half hour. Power was applied and the maximum frequency change was noted within one minute.
4. The EUT was placed in a temperature chamber at $25 \pm 5^{\circ}\text{C}$ and connected as the following section.
5. The power supply voltage to the EUT was varied from BEP to 115% of the nominal value measured at the input to the EUT.
6. The temperature tests were performed for the worst case.
7. Test data was recorded.

■ Uncertainty

The measurement uncertainty is defined as for Frequency Stability measurement is $\pm 10\text{Hz}$.

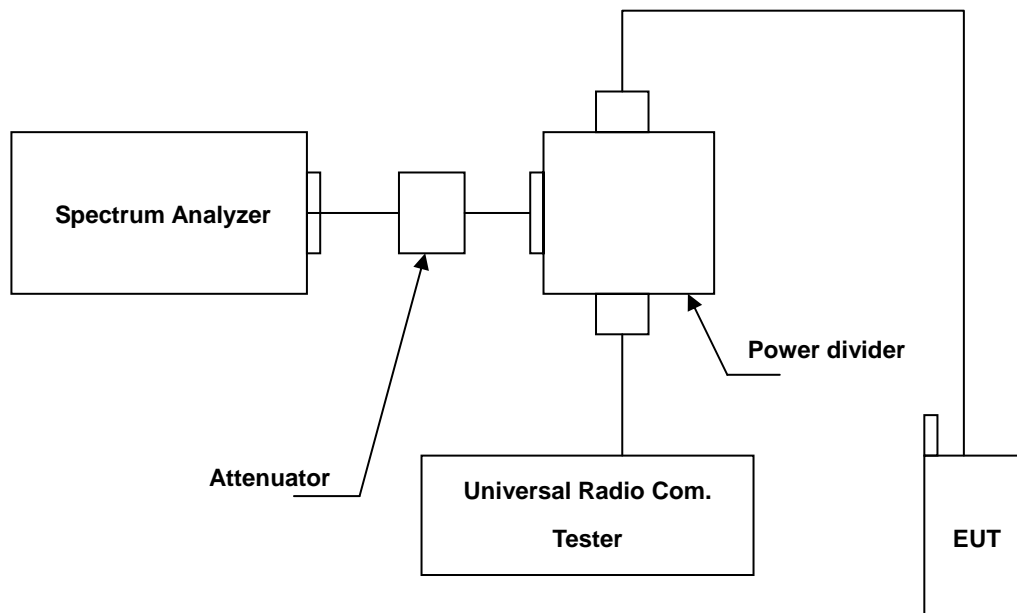
2.4. Emission Bandwidth & Occupied Bandwidth Test

■ Limit

The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 % of the total mean power of a given emission.

The emission bandwidth is defined as the width of the signal between two points, located at the 2 sides of the carrier frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

■ Setup



■ Test Procedure

- The EUT makes a phone call to the communication simulator. The power was measured with R&S Spectrum Analyzer. All measurements were done at 3 channels. (low, middle and high operational frequency range.)
- The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

■ Uncertainty

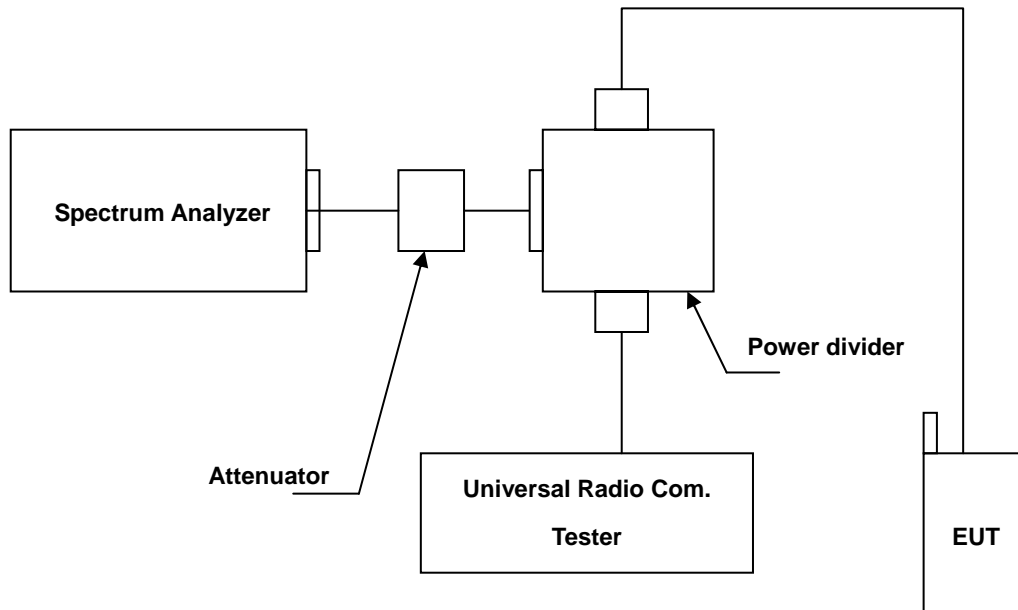
The measurement uncertainty is defined as $\pm 10\text{Hz}$

2.5. Peak to Average Ratio Test

■ Limit

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.

■ Setup



■ Test Procedure

- Set resolution/measurement bandwidth = 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%.

■ Uncertainty

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



2.6. Band Edge Test

■ Limit

The Band Edge Limit:

§22.917(a), §24.238(a)

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

§27.53(g)

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

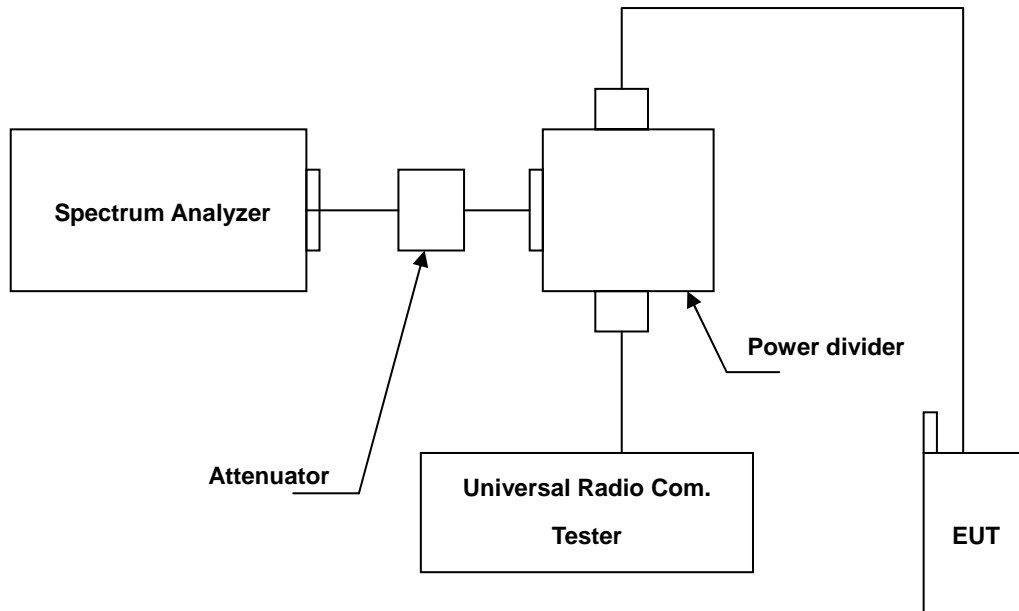
§27.53(m)

For mobile digital stations, the attenuation factor shall be not less than $43+10 \log(p)$ dB at the channel edge and $55+10 \log(P)$ dB at 5.5 megahertz from the channel edges.

§90.691

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 $50 + 10\log_{10} (P[\text{Watts}])$ at Band Edge and for all out-of-band emissions within 37.5Khz of Block Edge.

■ Setup



■ Test Procedure

- The EUT was set up for the maximum peak power with WWAN link data modulation. The power was measured with Spectrum Analyzer. All measurements were done at 2 channels (low and high operational frequency range.)
- The band edge measurement used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer. This splitter loss and cable loss are the worst loss in the transmitted path track.
- The center frequency of spectrum is the band edge frequency and span is 10 MHz. RB of the resolution bandwidth of at least one percent of the emission bandwidth.
- Record the max trace plot into the test report.

■ Uncertainty

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

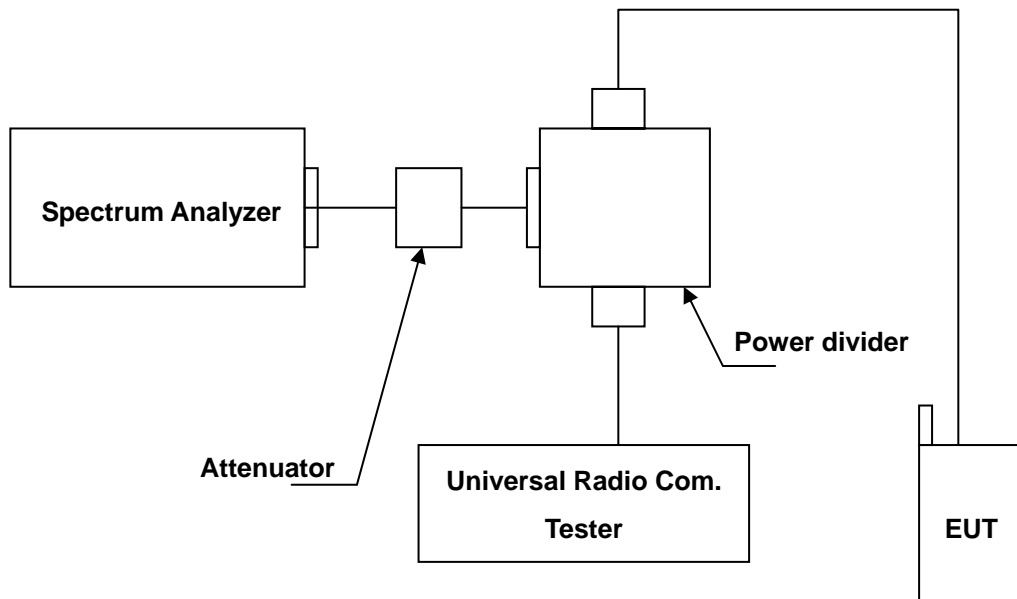
2.7. Conducted Spurious Emission Test

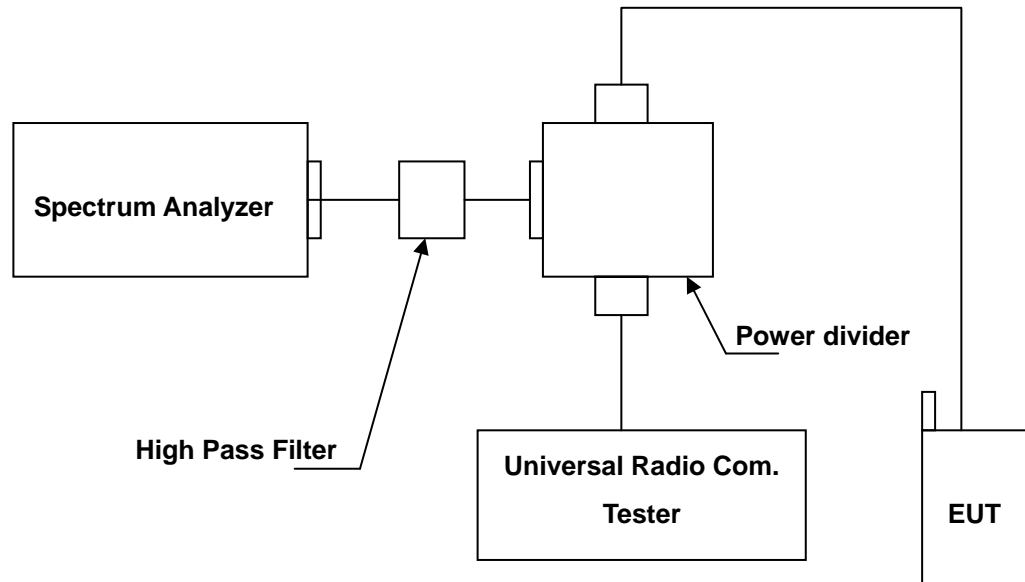
■ Limit

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 -13dBm

■ Setup

Below 2.8GHz



Above 2.8GHz

■ Test Procedure

- The EUT was set up for the maximum peak 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.).
- The conducted spurious emission used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- When the spectrum scanned from 10MHz to 2.5GHz (Band 7 and Band 41: scanned from 10MHz to 4GHz), it shall be connected to the band reject filter attenuated the carried frequency. The spectrum set RB=1MHz, VB=1MHz.
- When the spectrum scanned from 2.5GHz to 10th harmonic (Band 7 and Band 41: scanned from 4GHz to 10th harmonic), it shall be connected to the high pass filter attenuated the carried frequency. The spectrum set RB=1MHz, VB=1MHz.

■ Uncertainty

The measurement uncertainty is evaluated as ± 2.24 dB.

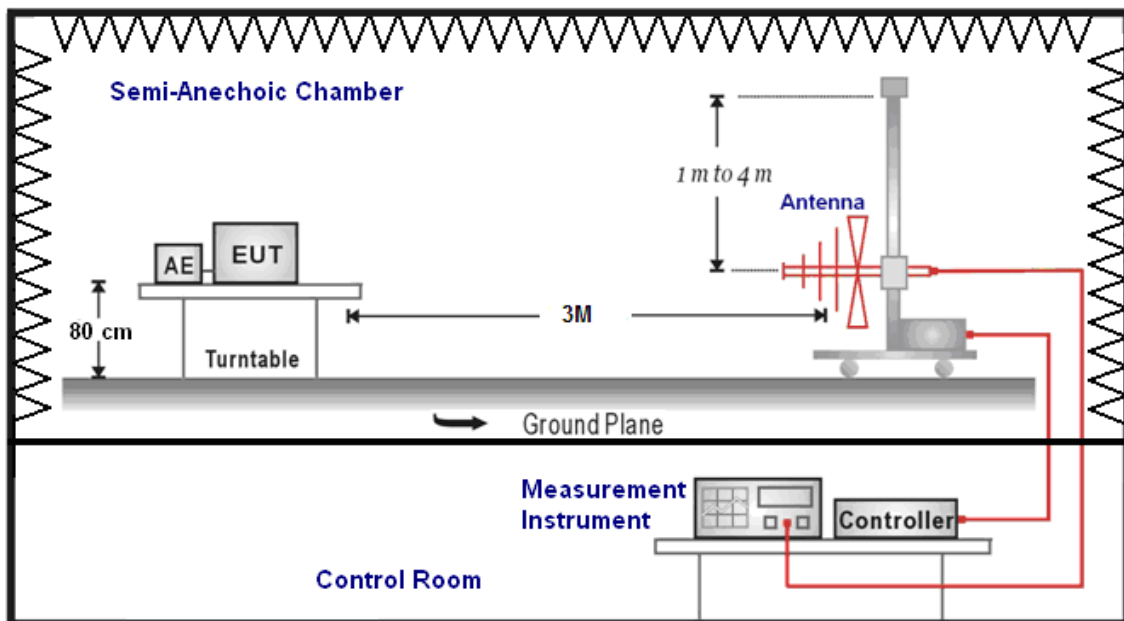
2.8. Radiated Emission Test

■ Limit

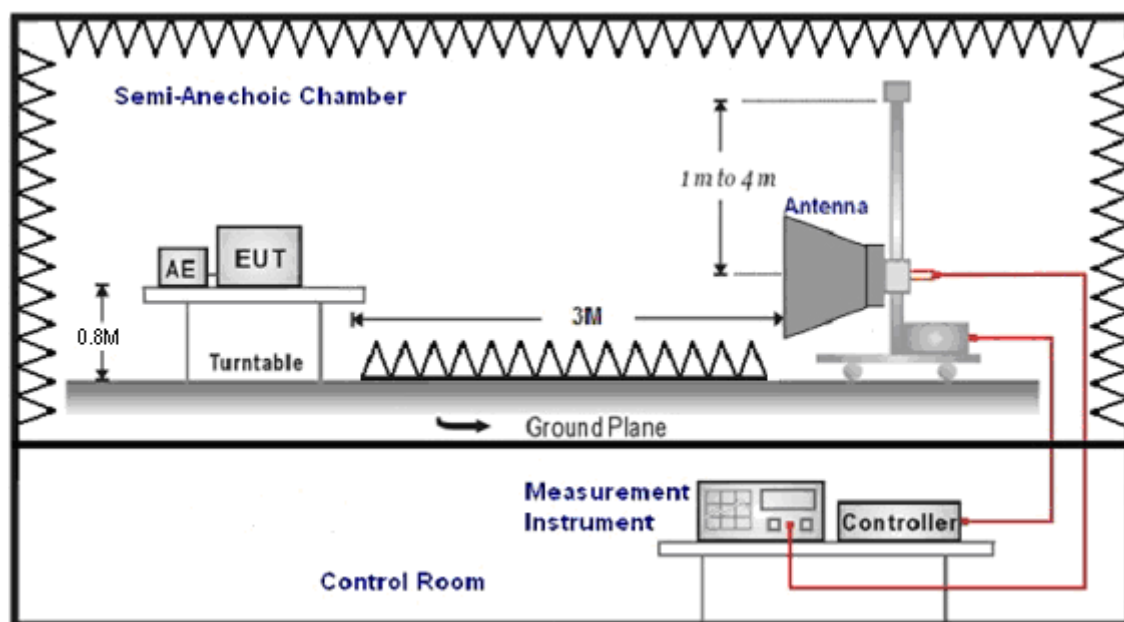
The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

■ Setup

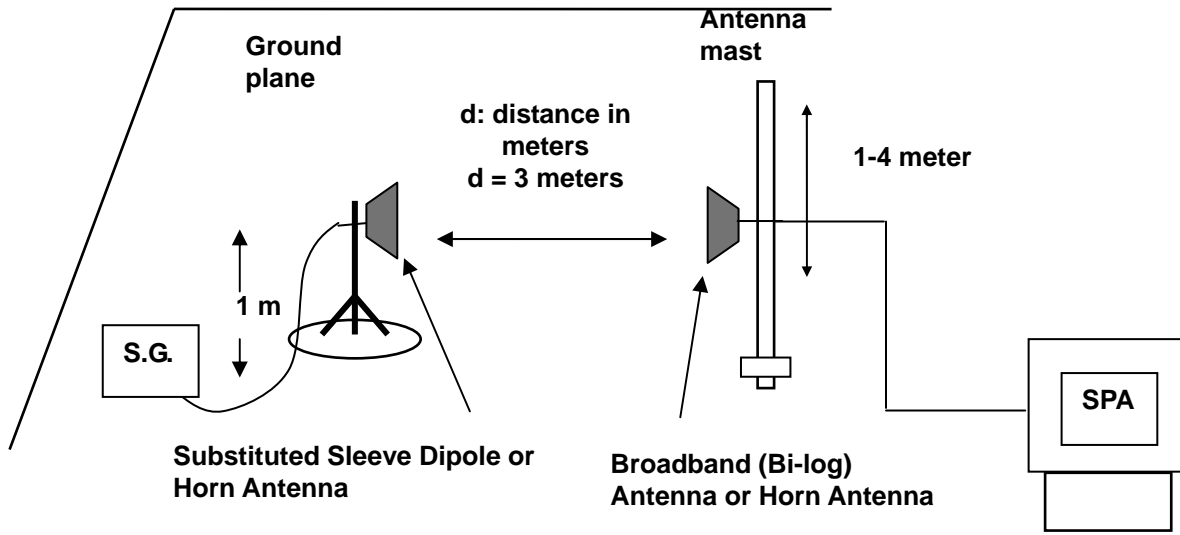
Below 1GHz



Above 1GHz



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 0.8m 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 1m to 4m 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. $E.I.R.P. = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$
- e. $E.R.P. = E.I.R.P. - 2.15 \text{ dB}$

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 Antenn

■ Uncertainty

The measurement uncertainty is defined as for Field Strength of Spurious Radiation measurement is $\pm 3.072 \text{ dB}$.



3 Test Results

Conducted Output Average Power

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	1.4 MHz	QPSK	18607	1850.7	1	0	23.12	0.205
					1	2	23.21	0.209
					1	5	23.10	0.204
					3	0	23.26	0.212
					3	1	23.30	0.214
					3	3	23.18	0.208
			6	0	22.14	0.164		
			1	0	23.08	0.203		
			1	2	23.12	0.205		
			1	5	23.16	0.207		
			3	0	23.15	0.207		
			3	1	23.30	0.214		
			3	3	23.25	0.211		
			6	0	22.14	0.164		
			1	0	23.13	0.206		
			1	2	23.06	0.202		
			1	5	23.07	0.203		
			3	0	23.11	0.205		
		3	1	23.34	0.216			
		3	3	23.16	0.207			
		6	0	22.18	0.165			
		1	0	22.61	0.182			
		1	2	22.73	0.187			
		1	5	22.74	0.188			
		3	0	22.20	0.166			
		3	1	22.34	0.171			
		3	3	22.24	0.167			
		6	0	21.31	0.135			
		1	0	22.48	0.177			
		1	2	22.79	0.190			
		1	5	22.65	0.184			
		3	0	22.09	0.162			
		3	1	22.22	0.167			
		3	3	22.18	0.165			
		6	0	21.27	0.134			
		1	0	22.67	0.185			
1	2	22.65	0.184					
1	5	22.65	0.184					
3	0	22.18	0.165					
3	1	22.11	0.163					
3	3	22.13	0.163					
6	0	21.24	0.133					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	3 MHz	QPSK	18615	1851.5	1	0	23.34	0.216
					1	7	23.06	0.202
					1	14	23.17	0.207
					8	0	22.45	0.176
					8	3	22.36	0.172
					8	7	22.31	0.170
			15	0	22.43	0.175		
			1	0	23.37	0.217		
			1	7	23.08	0.203		
			1	14	23.01	0.200		
			8	0	22.35	0.172		
			8	3	22.29	0.169		
			8	7	22.27	0.169		
			15	0	22.31	0.170		
			1	0	23.27	0.212		
			1	7	23.32	0.215		
			1	14	23.09	0.204		
			8	0	22.29	0.169		
		8	3	22.20	0.166			
		8	7	22.24	0.167			
		15	0	22.31	0.170			
		1	0	22.73	0.187			
		1	7	22.49	0.177			
		1	14	22.62	0.183			
		8	0	21.33	0.136			
		8	3	21.38	0.137			
		8	7	21.42	0.139			
		15	0	21.43	0.139			
		1	0	22.73	0.187			
		1	7	22.50	0.178			
		1	14	22.58	0.181			
		8	0	21.40	0.138			
		8	3	21.24	0.133			
		8	7	21.26	0.134			
		15	0	21.34	0.136			
		1	0	22.43	0.175			
1	7	22.41	0.174					
1	14	22.58	0.181					
8	0	21.33	0.136					
8	3	21.23	0.133					
8	7	21.13	0.130					
15	0	21.23	0.133					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	5 MHz	QPSK	18625	1852.5	1	0	23.33	0.215
					1	12	23.29	0.213
					1	24	23.38	0.218
					12	0	22.30	0.170
					12	6	22.29	0.169
					12	13	22.18	0.165
			25	0	22.25	0.168		
			1	0	23.27	0.212		
			1	12	23.22	0.210		
			1	24	23.20	0.209		
			12	0	22.24	0.167		
			12	6	22.23	0.167		
			12	13	22.11	0.163		
			25	0	22.17	0.165		
			1	0	23.19	0.208		
			1	12	23.26	0.212		
			1	24	23.25	0.211		
			12	0	22.16	0.164		
		12	6	22.28	0.169			
		12	13	22.16	0.164			
		25	0	22.21	0.166			
		1	0	22.72	0.187			
		1	12	22.52	0.179			
		1	24	22.71	0.187			
		12	0	21.44	0.139			
		12	6	21.33	0.136			
		12	13	21.32	0.136			
		25	0	21.34	0.136			
		1	0	22.68	0.185			
		1	12	22.70	0.186			
		1	24	22.52	0.179			
		12	0	21.23	0.133			
		12	6	21.22	0.132			
		12	13	21.21	0.132			
		25	0	21.15	0.130			
		1	0	22.62	0.183			
1	12	22.61	0.182					
1	24	22.52	0.179					
12	0	21.20	0.132					
12	6	21.23	0.133					
12	11	21.16	0.131					
25	0	21.20	0.132					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	10 MHz	QPSK	18650	1855.0	1	0	23.30	0.214
					1	24	23.35	0.216
					1	49	23.30	0.214
					25	0	22.44	0.175
					25	12	22.31	0.170
					25	25	22.33	0.171
			50	0	22.28	0.169		
			18900	1880.0	1	0	23.36	0.217
					1	24	23.32	0.215
					1	49	23.29	0.213
					25	0	22.26	0.168
					25	12	22.25	0.168
					25	25	22.26	0.168
			50	0	22.22	0.167		
			19150	1905.0	1	0	23.31	0.214
					1	24	23.21	0.209
					1	49	23.28	0.213
					25	0	22.21	0.166
		25			12	22.22	0.167	
		25			25	22.27	0.169	
		50	0	22.29	0.169			
		16QAM	18650	1855.0	1	0	22.62	0.183
					1	24	22.57	0.181
					1	49	22.67	0.185
					25	0	21.20	0.132
					25	12	21.35	0.136
					25	25	21.25	0.133
			50	0	21.34	0.136		
			18900	1880.0	1	0	22.69	0.186
					1	24	22.48	0.177
1	49				22.60	0.182		
25	0				21.23	0.133		
25	12				21.22	0.132		
25	25	21.24			0.133			
50	0	21.21	0.132					
19150	1905.0	1	0	22.62	0.183			
		1	24	22.45	0.176			
		1	49	22.49	0.177			
		25	0	21.17	0.131			
		25	12	21.21	0.132			
		25	25	21.13	0.130			
50	0	21.18	0.131					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	15 MHz	QPSK	18675	1857.5	1	0	23.34	0.216
					1	37	23.32	0.215
					1	74	23.31	0.214
					36	0	22.43	0.175
					36	19	22.35	0.172
					36	39	22.36	0.172
					75	0	22.37	0.173
			18900	1880.0	1	0	23.35	0.216
					1	37	23.20	0.209
					1	74	23.21	0.209
					36	0	22.29	0.169
					36	19	22.25	0.168
					36	39	22.22	0.167
			19125	1902.5	75	0	22.25	0.168
					1	0	23.28	0.213
		1			37	23.05	0.202	
		1			74	23.20	0.209	
		36			0	22.29	0.169	
		36			19	22.20	0.166	
		16QAM	18675	1857.5	36	39	22.21	0.166
					75	0	22.20	0.166
					1	0	22.66	0.185
					1	37	22.44	0.175
					1	74	22.56	0.180
					36	0	21.41	0.138
					36	19	21.42	0.139
			18900	1880.0	36	39	21.31	0.135
					75	0	21.34	0.136
					1	0	22.59	0.182
					1	37	22.42	0.175
1	74				22.46	0.176		
36	0				21.27	0.134		
19125	1902.5		36	19	21.25	0.133		
			36	39	21.21	0.132		
		75	0	21.27	0.134			
		1	0	22.49	0.177			
		1	37	22.36	0.172			
		1	74	22.37	0.173			
		36	0	21.23	0.133			
36	19	21.20	0.132					
36	39	21.16	0.131					
75	0	21.20	0.132					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 2	20 MHz	QPSK	18700	1860.0	1	0	23.28	0.213
					1	49	23.40	0.219
					1	99	23.21	0.209
					50	0	22.24	0.167
					50	25	22.36	0.172
					50	50	22.28	0.169
			100	0	22.35	0.172		
			18900	1880.0	1	0	23.19	0.208
					1	49	23.33	0.215
					1	99	23.22	0.210
					50	0	22.23	0.167
					50	25	22.28	0.169
					50	50	22.28	0.169
			19100	1900.0	100	0	22.27	0.169
					1	0	23.11	0.205
					1	49	23.31	0.214
					1	99	23.21	0.209
					50	0	22.22	0.167
		50			25	22.22	0.167	
		16QAM	18700	1860.0	50	50	22.16	0.164
					100	0	22.19	0.166
					1	0	22.74	0.188
					1	49	22.87	0.194
					1	99	22.67	0.185
					50	0	21.42	0.139
			18900	1880.0	50	25	21.47	0.140
					50	50	21.40	0.138
					100	0	21.36	0.137
					1	0	22.31	0.170
					1	49	22.84	0.192
					1	99	22.48	0.177
			19100	1900.0	50	0	21.32	0.136
					50	25	21.39	0.138
					50	50	21.37	0.137
					100	0	21.16	0.131
					1	0	22.66	0.185
1	49				22.74	0.188		
19100	1900.0	1	99	22.61	0.182			
		50	0	21.30	0.135			
		50	25	21.34	0.136			
		50	50	21.27	0.134			
		100	0	21.33	0.136			



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	1.4 MHz	QPSK	19957	1710.7	1	0	23.20	0.209
					1	2	23.19	0.208
					1	5	23.08	0.203
					3	0	22.30	0.170
					3	1	22.21	0.166
					3	3	22.17	0.165
			6	0	22.29	0.169		
			1	0	23.19	0.208		
			1	2	22.97	0.198		
			1	5	22.91	0.195		
			3	0	22.29	0.169		
			3	1	22.23	0.167		
			3	3	22.14	0.164		
			6	0	22.15	0.164		
			1	0	23.13	0.206		
			1	2	22.89	0.195		
			1	5	22.95	0.197		
			3	0	22.24	0.167		
		3	1	22.15	0.164			
		3	3	22.12	0.163			
		6	0	22.08	0.161			
		1	0	22.57	0.181			
		1	2	22.67	0.185			
		1	5	22.44	0.175			
		3	0	21.35	0.136			
		3	1	21.26	0.134			
		3	3	21.29	0.135			
		6	0	21.32	0.136			
		1	0	22.83	0.192			
		1	2	22.34	0.171			
		1	5	22.23	0.167			
		3	0	21.29	0.135			
		3	1	21.25	0.133			
		3	3	21.27	0.134			
		6	0	21.12	0.129			
		1	0	22.49	0.177			
1	2	22.20	0.166					
1	5	22.34	0.171					
3	0	21.19	0.132					
3	1	21.25	0.133					
3	3	21.14	0.130					
6	0	21.16	0.131					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	3 MHz	QPSK	19965	1711.5	1	0	23.18	0.208
					1	7	22.99	0.199
					1	14	23.05	0.202
					8	0	22.25	0.168
					8	3	22.29	0.169
					8	7	22.24	0.167
			15	0	22.23	0.167		
			20175	1732.5	1	0	22.92	0.196
					1	7	23.09	0.204
					1	14	23.01	0.200
					8	0	22.14	0.164
					8	3	22.22	0.167
					8	7	22.07	0.161
			20385	1753.5	15	0	22.15	0.164
					1	0	22.94	0.197
					1	7	23.17	0.207
					1	14	22.88	0.194
					8	0	22.04	0.160
		8			3	22.07	0.161	
		16QAM	19965	1711.5	8	7	22.06	0.161
					15	0	22.03	0.160
					1	0	22.38	0.173
					1	7	22.67	0.185
					1	14	22.32	0.171
					8	0	21.10	0.129
			20175	1732.5	8	3	21.16	0.131
					8	7	21.11	0.129
					15	0	21.15	0.130
					1	0	22.26	0.168
					1	7	22.56	0.180
1	14				22.43	0.175		
20385	1753.5	8	0	21.07	0.128			
		8	3	21.04	0.127			
		8	7	21.10	0.129			
		15	0	21.18	0.131			
		1	0	22.22	0.167			
		1	7	22.40	0.174			
20385	1753.5	1	14	22.15	0.164			
		8	0	21.12	0.129			
		8	3	20.96	0.125			
		8	7	20.98	0.125			
		15	0	21.00	0.126			



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	5 MHz	QPSK	19975	1712.5	1	0	23.13	0.206
					1	12	23.03	0.201
					1	24	23.11	0.205
					12	0	22.21	0.166
					12	6	22.33	0.171
					12	13	22.23	0.167
			25	0	22.23	0.167		
			1	0	23.29	0.213		
			1	12	23.17	0.207		
			1	24	22.96	0.198		
			12	0	22.23	0.167		
			12	6	22.19	0.166		
			12	13	22.10	0.162		
			25	0	22.17	0.165		
			1	0	22.95	0.197		
			1	12	23.01	0.200		
			1	24	22.80	0.191		
			12	0	22.08	0.161		
		12	6	22.08	0.161			
		12	13	22.03	0.160			
		25	0	22.12	0.163			
		1	0	22.49	0.177			
		1	12	22.26	0.168			
		1	24	22.28	0.169			
		12	0	21.27	0.134			
		12	6	21.18	0.131			
		12	13	21.18	0.131			
		25	0	21.32	0.136			
		1	0	22.54	0.179			
		1	12	22.17	0.165			
		1	24	22.20	0.166			
		12	0	21.04	0.127			
		12	6	21.32	0.136			
		12	13	21.22	0.132			
		25	0	21.11	0.129			
		1	0	22.22	0.167			
1	12	22.07	0.161					
1	24	22.13	0.163					
12	0	21.16	0.131					
12	6	21.08	0.128					
12	11	21.03	0.127					
25	0	21.10	0.129					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	10 MHz	QPSK	20000	1715.0	1	0	23.22	0.210
					1	24	23.05	0.202
					1	49	23.00	0.200
					25	0	22.27	0.169
					25	12	22.24	0.167
					25	25	22.30	0.170
			20175	1732.5	50	0	22.31	0.170
					1	0	23.11	0.205
					1	24	23.00	0.200
					1	49	22.89	0.195
					25	0	22.18	0.165
					25	12	22.14	0.164
			20350	1750.0	25	25	22.18	0.165
					50	0	22.21	0.166
					1	0	23.23	0.210
					1	24	22.85	0.193
					1	49	22.90	0.195
					25	0	22.19	0.166
		16QAM	20000	1715.0	25	12	22.10	0.162
					25	25	22.08	0.161
					50	0	22.09	0.162
					1	0	22.37	0.173
					1	24	22.29	0.169
					1	49	22.56	0.180
			20175	1732.5	25	0	21.19	0.132
					25	12	21.32	0.136
					25	25	21.21	0.132
					50	0	21.28	0.134
					1	0	22.50	0.178
					1	24	22.38	0.173
			20350	1750.0	1	49	22.28	0.169
					25	0	21.21	0.132
					25	12	21.29	0.135
					25	25	21.03	0.127
					50	0	21.23	0.133
					1	0	22.17	0.165
20350	1750.0	1	24	22.34	0.171			
		1	49	22.04	0.160			
		25	0	21.18	0.131			
		25	12	21.14	0.130			
		25	25	21.11	0.129			
		50	0	21.10	0.129			



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	15 MHz	QPSK	20025	1717.5	1	0	23.27	0.212
					1	37	23.19	0.208
					1	74	23.20	0.209
					36	0	22.32	0.171
					36	19	22.27	0.169
					36	39	22.20	0.166
			75	0	22.27	0.169		
			1	0	23.25	0.211		
			1	37	23.06	0.202		
			1	74	22.98	0.199		
			36	0	22.26	0.168		
			36	19	22.20	0.166		
			36	39	22.21	0.166		
			75	0	22.21	0.166		
			1	0	23.10	0.204		
			1	37	22.94	0.197		
			1	74	22.97	0.198		
			36	0	22.23	0.167		
		36	19	22.10	0.162			
		36	39	22.09	0.162			
		75	0	22.12	0.163			
		1	0	22.54	0.179			
		1	37	22.36	0.172			
		1	74	22.44	0.175			
		36	0	21.33	0.136			
		36	19	21.28	0.134			
		36	39	21.21	0.132			
		75	0	21.31	0.135			
		1	0	22.60	0.182			
		1	37	22.27	0.169			
		1	74	22.40	0.174			
		36	0	21.20	0.132			
		36	19	21.18	0.131			
		36	39	21.12	0.129			
		75	0	21.33	0.136			
		1	0	22.35	0.172			
1	37	22.19	0.166					
1	74	22.07	0.161					
36	0	21.16	0.131					
36	19	21.15	0.130					
36	39	21.06	0.128					
75	0	21.20	0.132					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 4	20 MHz	QPSK	20050	1720.0	1	0	23.30	0.214
					1	49	23.12	0.205
					1	99	23.02	0.200
					50	0	23.15	0.207
					50	25	23.16	0.207
					50	50	23.24	0.211
			100	0	22.22	0.167		
			20175	1732.5	1	0	23.01	0.200
					1	49	23.01	0.200
					1	99	22.97	0.198
					50	0	23.20	0.209
					50	25	23.21	0.209
					50	50	23.10	0.204
			20300	1745.0	100	0	22.05	0.160
					1	0	22.96	0.198
					1	49	23.03	0.201
					1	99	22.82	0.191
					50	0	22.94	0.197
		50			25	23.09	0.204	
		16QAM	20050	1720.0	50	50	23.10	0.204
					100	0	21.96	0.157
					1	0	22.48	0.177
					1	49	22.41	0.174
					1	99	22.25	0.168
					50	0	22.15	0.164
			20175	1732.5	50	25	22.14	0.164
					50	50	22.27	0.169
					100	0	21.10	0.129
					1	0	22.31	0.170
					1	49	22.23	0.167
					1	99	22.34	0.171
			20300	1745.0	50	0	22.16	0.164
					50	25	22.08	0.161
					50	50	22.09	0.162
					100	0	21.17	0.131
					1	0	22.17	0.165
1	49				22.19	0.166		
20300	1745.0	1	99	22.23	0.167			
		50	0	21.98	0.158			
		50	25	22.05	0.160			
		50	50	22.01	0.159			
		100	0	21.08	0.128			



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 5	1.4 MHz	QPSK	20407	824.7	1	0	22.57	0.181
					1	2	22.90	0.195
					1	5	22.69	0.186
					3	0	22.73	0.187
					3	1	22.68	0.185
					3	3	22.68	0.185
			6	0	21.72	0.149		
			20525	836.5	1	0	22.81	0.191
					1	2	22.96	0.198
					1	5	22.76	0.189
					3	0	22.79	0.190
					3	1	22.82	0.191
					3	3	22.78	0.190
			6	0	21.84	0.153		
			20643	848.3	1	0	22.84	0.192
					1	2	23.11	0.205
					1	5	22.85	0.193
					3	0	22.97	0.198
		3			1	22.90	0.195	
		3			3	22.99	0.199	
		6	0	21.87	0.154			
		16QAM	20407	824.7	1	0	21.73	0.149
					1	2	22.17	0.165
					1	5	22.14	0.164
					3	0	21.53	0.142
					3	1	21.58	0.144
					3	3	21.64	0.146
			6	0	20.70	0.117		
			20525	836.5	1	0	22.26	0.168
					1	2	22.40	0.174
					1	5	22.33	0.171
					3	0	21.78	0.151
					3	1	21.81	0.152
					3	3	21.73	0.149
			6	0	20.94	0.124		
			20643	848.3	1	0	22.37	0.173
1	2				22.56	0.180		
1	5				22.33	0.171		
3	0				21.89	0.155		
3	1	21.90			0.155			
3	3	21.79			0.151			
6	0	20.97	0.125					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 5	3 MHz	QPSK	20415	825.5	1	0	22.79	0.190
					1	7	22.88	0.194
					1	14	22.77	0.189
					8	0	21.84	0.153
					8	3	21.91	0.155
					8	7	21.80	0.151
			15	0	21.77	0.150		
			20525	836.5	1	0	22.92	0.196
					1	7	22.91	0.195
					1	14	22.83	0.192
					8	0	21.91	0.155
					8	3	21.93	0.156
					8	7	21.97	0.157
			15	0	22.00	0.158		
			20635	847.5	1	0	22.94	0.197
					1	7	23.07	0.203
					1	14	22.75	0.188
					8	0	22.01	0.159
		8			3	21.98	0.158	
		8			7	21.96	0.157	
		15	0	21.95	0.157			
		16QAM	20415	825.5	1	0	22.37	0.173
					1	7	22.53	0.179
					1	14	21.90	0.155
					8	0	20.93	0.124
					8	3	20.98	0.125
					8	7	20.80	0.120
			15	0	20.89	0.123		
			20525	836.5	1	0	22.59	0.182
					1	7	22.51	0.178
					1	14	22.43	0.175
					8	0	20.89	0.123
					8	3	21.00	0.126
					8	7	20.96	0.125
			15	0	21.00	0.126		
			20635	847.5	1	0	22.59	0.182
1	7				22.54	0.179		
1	14				22.45	0.176		
8	0				21.10	0.129		
8	3	21.08			0.128			
8	7	21.07			0.128			
15	0	21.06	0.128					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 5	5 MHz	QPSK	20425	826.5	1	0	23.04	0.201
					1	12	22.93	0.196
					1	24	22.92	0.196
					12	0	21.99	0.158
					12	6	21.89	0.155
					12	13	21.85	0.153
			25	0	21.92	0.156		
			1	0	22.77	0.189		
			1	12	22.78	0.190		
			1	24	22.72	0.187		
			12	0	21.82	0.152		
			12	6	21.95	0.157		
			12	13	21.95	0.157		
			25	0	21.99	0.158		
			1	0	23.01	0.200		
			1	12	22.79	0.190		
			1	24	22.72	0.187		
			12	0	21.93	0.156		
		12	6	21.96	0.157			
		12	13	21.87	0.154			
		25	0	21.97	0.157			
		1	0	22.54	0.179			
		1	12	22.40	0.174			
		1	24	22.31	0.170			
		12	0	21.02	0.126			
		12	6	21.01	0.126			
		12	13	21.00	0.126			
		25	0	21.05	0.127			
		1	0	22.44	0.175			
		1	12	22.41	0.174			
		1	24	22.34	0.171			
		12	0	21.04	0.127			
		12	6	20.98	0.125			
		12	13	20.99	0.126			
		25	0	21.00	0.126			
		1	0	22.49	0.177			
1	12	22.55	0.180					
1	24	22.32	0.171					
12	0	20.88	0.122					
12	6	20.99	0.126					
12	11	20.91	0.123					
25	0	20.95	0.124					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 5	10 MHz	QPSK	20450	829.0	1	0	23.14	0.206
					1	24	22.91	0.195
					1	49	22.66	0.185
					25	0	22.00	0.158
					25	12	21.92	0.156
					25	25	21.92	0.156
			20525	836.5	50	0	21.92	0.156
					1	0	22.93	0.196
					1	24	22.85	0.193
					1	49	22.71	0.187
					25	0	21.98	0.158
					25	12	22.02	0.159
			20600	844.0	25	25	21.97	0.157
					50	0	21.93	0.156
					1	0	23.02	0.200
					1	24	22.85	0.193
					1	49	22.82	0.191
					25	0	21.95	0.157
		16QAM	20450	829.0	25	12	21.99	0.158
					25	25	21.90	0.155
					50	0	21.89	0.155
					1	0	22.49	0.177
					1	24	22.27	0.169
					1	49	22.24	0.167
			20525	836.5	25	0	20.99	0.126
					25	12	21.01	0.126
					25	25	20.80	0.120
					50	0	20.98	0.125
					1	0	22.30	0.170
					1	24	22.47	0.177
20600	844.0	1	49	22.41	0.174			
		25	0	21.10	0.129			
		25	12	20.99	0.126			
		25	25	20.93	0.124			
		50	0	20.98	0.125			
		1	0	22.60	0.182			
20450	829.0	1	24	22.32	0.171			
		1	49	22.18	0.165			
		25	0	21.03	0.127			
		25	12	20.96	0.125			
		25	25	20.97	0.125			
		50	0	20.95	0.124			



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 7	5 MHz	QPSK	20775	2502.5	1	0	22.93	0.196
					1	12	22.89	0.195
					1	24	22.90	0.195
					12	0	21.96	0.157
					12	6	21.97	0.157
					12	13	21.95	0.157
			25	0	21.92	0.156		
			21100	2535.0	1	0	23.03	0.201
					1	12	22.96	0.198
					1	24	22.93	0.196
					12	0	21.92	0.156
					12	6	21.99	0.158
					12	13	21.95	0.157
			25	0	21.92	0.156		
			21425	2567.5	1	0	23.11	0.205
					1	12	23.16	0.207
					1	24	23.05	0.202
					12	0	22.28	0.169
		12			6	22.20	0.166	
		12			13	22.19	0.166	
		25	0	22.22	0.167			
		16QAM	20775	2502.5	1	0	22.38	0.173
					1	12	22.30	0.170
					1	24	22.31	0.170
					12	0	20.90	0.123
					12	6	20.91	0.123
					12	13	20.99	0.126
			25	0	20.95	0.124		
			21100	2535.0	1	0	22.40	0.174
					1	12	22.37	0.173
					1	24	22.41	0.174
					12	0	20.89	0.123
					12	6	20.98	0.125
					12	13	20.92	0.124
			25	0	20.98	0.125		
			21425	2567.5	1	0	22.68	0.185
1	12				22.78	0.190		
1	24				22.58	0.181		
12	0				21.20	0.132		
12	6	21.12			0.129			
12	11	21.14			0.130			
25	0	21.25	0.133					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 7	10 MHz	QPSK	20800	2505.0	1	0	22.95	0.197
					1	24	22.83	0.192
					1	49	22.88	0.194
					25	0	21.99	0.158
					25	12	21.94	0.156
					25	25	21.93	0.156
			21100	2535.0	50	0	22.05	0.160
					1	0	22.87	0.194
					1	24	23.03	0.201
					1	49	22.91	0.195
					25	0	22.04	0.160
					25	12	21.95	0.157
			21400	2565.0	25	25	21.92	0.156
					50	0	21.97	0.157
					1	0	23.24	0.211
					1	24	23.28	0.213
					1	49	23.24	0.211
					25	0	22.29	0.169
		16QAM	20800	2505.0	25	12	22.36	0.172
					25	25	22.31	0.170
					50	0	22.25	0.168
					1	0	22.41	0.174
					1	24	22.25	0.168
					1	49	22.22	0.167
			21100	2535.0	25	0	21.03	0.127
					25	12	21.02	0.126
					25	25	20.95	0.124
					50	0	21.05	0.127
					1	0	22.51	0.178
					1	24	22.09	0.162
			21400	2565.0	1	49	21.98	0.158
					25	0	21.04	0.127
					25	12	21.02	0.126
					25	25	20.95	0.124
					50	0	21.05	0.127
					1	0	22.26	0.168
21400	2565.0	1	24	22.38	0.173			
		1	49	22.80	0.191			
		25	0	21.38	0.137			
		25	12	21.36	0.137			
		25	25	21.36	0.137			
		50	0	21.33	0.136			



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 7	15 MHz	QPSK	20825	2507.5	1	0	22.95	0.197
					1	37	22.96	0.198
					1	74	22.87	0.194
					36	0	21.97	0.157
					36	19	21.98	0.158
					36	39	21.96	0.157
					75	0	21.94	0.156
			21100	2535.0	1	0	22.95	0.197
					1	37	22.91	0.195
					1	74	22.93	0.196
					36	0	22.03	0.160
					36	19	21.99	0.158
					36	39	21.90	0.155
			21375	2562.5	75	0	21.95	0.157
					1	0	23.14	0.206
		1			37	23.32	0.215	
		1			74	23.20	0.209	
		36			0	22.34	0.171	
		36			19	22.40	0.174	
		36			39	22.29	0.169	
		16QAM	20825	2507.5	75	0	22.31	0.170
					1	0	22.50	0.178
					1	37	22.33	0.171
					1	74	21.94	0.156
					36	0	21.02	0.126
					36	19	20.97	0.125
					36	39	20.94	0.124
			21100	2535.0	75	0	20.99	0.126
					1	0	22.52	0.179
					1	37	22.45	0.176
1	74				22.47	0.177		
36	0				20.95	0.124		
36	19				21.00	0.126		
36	39				20.98	0.125		
75	0				21.03	0.127		
21375	2562.5	1	0	22.62	0.183			
		1	37	22.73	0.187			
		1	74	22.80	0.191			
		36	0	21.34	0.136			
		36	19	21.29	0.135			
		36	39	21.30	0.135			
		75	0	21.31	0.135			



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 7	20 MHz	QPSK	20850	2510.0	1	0	23.04	0.201
					1	49	22.97	0.198
					1	99	22.89	0.195
					50	0	21.93	0.156
					50	25	21.98	0.158
					50	50	21.92	0.156
			100	0	21.96	0.157		
			21100	2535.0	1	0	22.98	0.199
					1	49	23.01	0.200
					1	99	22.88	0.194
					50	0	22.02	0.159
					50	25	21.96	0.157
					50	50	21.94	0.156
			21350	2560.0	100	0	21.99	0.158
					1	0	23.34	0.216
					1	49	23.28	0.213
					1	99	23.24	0.211
					50	0	22.30	0.170
		50			25	22.34	0.171	
		16QAM	20850	2510.0	50	50	22.32	0.171
					100	0	22.37	0.173
					1	0	22.38	0.173
					1	49	22.35	0.172
					1	99	22.19	0.166
					50	0	20.98	0.125
			21100	2535.0	50	25	21.03	0.127
					50	50	20.98	0.125
					100	0	21.06	0.128
					1	0	22.29	0.169
					1	49	22.35	0.172
					1	99	22.30	0.170
			21350	2560.0	50	0	21.03	0.127
					50	25	21.05	0.127
					50	50	21.03	0.127
					100	0	21.08	0.128
					1	0	22.66	0.185
1	49				22.63	0.183		
21350	2560.0	1	99	22.60	0.182			
		50	0	21.34	0.136			
		50	25	21.41	0.138			
		50	50	21.30	0.135			
		100	0	21.35	0.136			



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 12	1.4 MHz	QPSK	23017	699.7	1	0	22.69	0.186
					1	2	22.87	0.194
					1	5	22.89	0.195
					3	0	22.77	0.189
					3	1	22.92	0.196
					3	3	22.85	0.193
			6	0	21.80	0.151		
			23095	707.5	1	0	22.81	0.191
					1	2	22.84	0.192
					1	5	22.66	0.185
					3	0	22.74	0.188
					3	1	22.85	0.193
					3	3	22.76	0.189
			6	0	21.72	0.149		
			23173	715.3	1	0	22.79	0.190
					1	2	22.74	0.188
					1	5	22.69	0.186
					3	0	22.70	0.186
		3			1	22.70	0.186	
		3			3	22.54	0.179	
		6	0	21.65	0.146			
		16QAM	23017	699.7	1	0	22.03	0.160
					1	2	21.79	0.151
					1	5	21.65	0.146
					3	0	21.89	0.155
					3	1	21.79	0.151
					3	3	21.82	0.152
			6	0	20.89	0.123		
			23095	707.5	1	0	21.77	0.150
					1	2	21.81	0.152
1	5				21.70	0.148		
3	0				21.89	0.155		
3	1				21.92	0.156		
3	3	21.68			0.147			
6	0	20.74	0.119					
23173	715.3	1	0	21.59	0.144			
		1	2	21.61	0.145			
		1	5	21.97	0.157			
		3	0	21.56	0.143			
		3	1	21.63	0.146			
		3	3	21.50	0.141			
6	0	20.72	0.118					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 12	3 MHz	QPSK	23025	700.5	1	0	22.54	0.179
					1	7	22.71	0.187
					1	14	22.74	0.188
					8	0	21.78	0.151
					8	3	21.76	0.150
					8	7	21.71	0.148
			15	0	21.71	0.148		
			1	0	22.81	0.191		
			1	7	22.79	0.190		
			1	14	22.60	0.182		
			8	0	21.83	0.152		
			8	3	21.89	0.155		
			8	7	21.83	0.152		
			15	0	21.88	0.154		
			1	0	22.74	0.188		
		1	7	22.73	0.187			
		1	14	22.58	0.181			
		8	0	21.75	0.150			
		8	3	21.76	0.150			
		8	7	21.76	0.150			
		15	0	21.80	0.151			
		1	0	21.75	0.150			
		1	7	21.71	0.148			
		1	14	21.68	0.147			
		8	0	20.74	0.119			
		8	3	20.77	0.119			
		8	7	20.71	0.118			
		15	0	20.68	0.117			
		1	0	21.92	0.156			
		1	7	21.95	0.157			
1	14	21.85	0.153					
8	0	20.91	0.123					
8	3	21.04	0.127					
8	7	20.91	0.123					
15	0	20.82	0.121					
1	0	21.81	0.152					
1	7	21.93	0.156					
1	14	21.81	0.152					
8	0	20.81	0.121					
8	3	20.82	0.121					
8	7	20.77	0.119					
15	0	20.79	0.120					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 12	5 MHz	QPSK	23035	701.5	1	0	22.85	0.193
					1	12	22.57	0.181
					1	24	22.56	0.180
					12	0	21.72	0.149
					12	6	21.72	0.149
					12	13	21.79	0.151
			25	0	21.69	0.148		
			1	0	22.88	0.194		
			1	12	22.70	0.186		
			1	24	22.81	0.191		
			12	0	21.91	0.155		
			12	6	21.87	0.154		
			12	13	21.91	0.155		
			25	0	21.79	0.151		
			1	0	22.85	0.193		
			1	12	22.79	0.190		
			1	24	22.77	0.189		
			12	0	21.75	0.150		
		12	6	21.83	0.152			
		12	13	21.80	0.151			
		25	0	21.83	0.152			
		1	0	21.86	0.153			
		1	12	21.29	0.135			
		1	24	21.66	0.147			
		12	0	20.68	0.117			
		12	6	20.79	0.120			
		12	13	20.70	0.117			
		25	0	20.71	0.118			
		1	0	21.85	0.153			
		1	12	21.71	0.148			
		1	24	21.88	0.154			
		12	0	20.93	0.124			
		12	6	20.89	0.123			
		12	13	20.86	0.122			
		25	0	20.77	0.119			
		1	0	21.66	0.147			
1	12	21.63	0.146					
1	24	21.88	0.154					
12	0	20.82	0.121					
12	6	20.93	0.124					
12	11	20.90	0.123					
25	0	20.86	0.122					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 12	10 MHz	QPSK	23060	704.0	1	0	22.65	0.184
					1	24	22.62	0.183
					1	49	22.61	0.182
					25	0	21.67	0.147
					25	12	21.72	0.149
					25	25	21.62	0.145
			50	0	21.69	0.148		
			1	0	22.96	0.198		
			1	24	22.72	0.187		
			1	49	22.79	0.190		
			25	0	21.81	0.152		
			25	12	21.87	0.154		
			25	25	21.89	0.155		
			50	0	21.97	0.157		
			1	0	22.84	0.192		
			1	24	22.91	0.195		
			1	49	22.78	0.190		
			25	0	22.09	0.162		
		25	12	22.02	0.159			
		25	25	22.03	0.160			
		50	0	22.08	0.161			
		1	0	21.69	0.148			
		1	24	21.51	0.142			
		1	49	21.54	0.143			
		25	0	20.74	0.119			
		25	12	20.79	0.120			
		25	25	20.64	0.116			
		50	0	20.72	0.118			
		1	0	22.00	0.158			
		1	24	21.63	0.146			
1	49	21.70	0.148					
25	0	21.02	0.126					
25	12	20.90	0.123					
25	25	20.85	0.122					
50	0	20.90	0.123					
1	0	21.95	0.157					
1	24	21.77	0.150					
1	49	21.98	0.158					
25	0	20.88	0.122					
25	12	21.08	0.128					
25	25	20.97	0.125					
50	0	20.95	0.124					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 30	5 MHz	QPSK	27685	2307.5	1	0	22.81	0.191
					1	12	22.88	0.194
					1	24	22.74	0.188
					12	0	21.89	0.155
					12	6	21.88	0.154
					12	13	21.82	0.152
			25	0	21.92	0.156		
			1	0	22.95	0.197		
			1	12	22.75	0.188		
			1	24	22.89	0.195		
			12	0	21.92	0.156		
			12	6	21.96	0.157		
			12	13	21.91	0.155		
			25	0	21.90	0.155		
			1	0	22.90	0.195		
			1	12	22.96	0.198		
			1	24	22.84	0.192		
			12	0	21.96	0.157		
		12	6	21.89	0.155			
		12	13	21.89	0.155			
		25	0	21.88	0.154			
		1	0	22.13	0.163			
		1	12	21.84	0.153			
		1	24	22.31	0.170			
		12	0	20.92	0.124			
		12	6	20.76	0.119			
		12	13	20.90	0.123			
		25	0	20.94	0.124			
		1	0	22.34	0.171			
		1	12	22.22	0.167			
1	24	22.06	0.161					
12	0	20.96	0.125					
12	6	21.10	0.129					
12	13	20.88	0.122					
25	0	20.96	0.125					
1	0	22.14	0.164					
1	12	21.88	0.154					
1	24	22.50	0.178					
12	0	21.02	0.126					
12	6	20.78	0.120					
12	11	20.92	0.124					
25	0	20.93	0.124					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 30	10 MHz	QPSK	27710	2310.0	1	0	22.97	0.198
					1	24	22.95	0.197
					1	49	22.72	0.187
					25	0	21.99	0.158
					25	12	21.93	0.156
					25	25	21.91	0.155
					50	0	21.96	0.157
		16QAM	27710	2310.0	1	0	22.18	0.165
					1	24	22.49	0.177
					1	49	22.46	0.176
					25	0	20.98	0.125
					25	12	20.91	0.123
					25	25	20.86	0.122
					50	0	20.92	0.124



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 66	1.4 MHz	QPSK	131979	1710.7	1	0	23.12	0.205
					1	2	23.22	0.210
					1	5	23.17	0.207
					3	0	22.25	0.168
					3	1	22.28	0.169
					3	3	22.26	0.168
			6	0	22.31	0.170		
			1	0	23.29	0.213		
			1	2	22.98	0.199		
			1	5	22.98	0.199		
			3	0	22.34	0.171		
			3	1	22.18	0.165		
			3	3	22.19	0.166		
			6	0	22.14	0.164		
			1	0	23.14	0.206		
			1	2	22.82	0.191		
			1	5	22.91	0.195		
			3	0	22.15	0.164		
		3	1	22.25	0.168			
		3	3	22.22	0.167			
		6	0	22.17	0.165			
		1	0	22.66	0.185			
		1	2	22.71	0.187			
		1	5	22.34	0.171			
		3	0	21.29	0.135			
		3	1	21.19	0.132			
		3	3	21.23	0.133			
		6	0	21.32	0.136			
		1	0	22.92	0.196			
		1	2	22.37	0.173			
1	5	22.2	0.166					
3	0	21.26	0.134					
3	1	21.23	0.133					
3	3	21.29	0.135					
6	0	21.16	0.131					
1	0	22.47	0.177					
1	2	22.27	0.169					
1	5	22.34	0.171					
3	0	21.27	0.134					
3	1	21.28	0.134					
3	3	21.18	0.131					
6	0	21.09	0.129					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 66	3 MHz	QPSK	131987	1711.5	1	0	23.2	0.209
					1	7	23.02	0.200
					1	14	23.11	0.205
					8	0	22.26	0.168
					8	3	22.24	0.167
					8	7	22.33	0.171
			15	0	22.3	0.170		
			132197	1732.5	1	0	22.99	0.199
					1	7	23.16	0.207
					1	14	22.98	0.199
					8	0	22.2	0.166
					8	3	22.28	0.169
					8	7	22.07	0.161
			132407	1753.5	15	0	22.08	0.161
					1	0	22.86	0.193
					1	7	23.15	0.207
					1	14	22.82	0.191
					8	0	22.12	0.163
		8			3	22.13	0.163	
		16QAM	131987	1711.5	8	7	21.96	0.157
					15	0	22.01	0.159
					1	0	22.45	0.176
					1	7	22.67	0.185
					1	14	22.38	0.173
					8	0	21.1	0.129
			132197	1732.5	8	3	21.24	0.133
					8	7	21.1	0.129
					15	0	21.07	0.128
					1	0	22.2	0.166
					1	7	22.47	0.177
					1	14	22.53	0.179
			132407	1753.5	8	0	21.01	0.126
					8	3	21.02	0.126
					8	7	21.15	0.130
					15	0	21.24	0.133
					1	0	22.27	0.169
1	7				22.38	0.173		
132407	1753.5	1	14	22.19	0.166			
		8	0	21.1	0.129			
		8	3	21.03	0.127			
		8	7	20.91	0.123			
		15	0	20.98	0.125			



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 66	5 MHz	QPSK	131997	1712.5	1	0	23.07	0.203
					1	12	22.97	0.198
					1	24	23.12	0.205
					12	0	22.31	0.170
					12	6	22.25	0.168
					12	13	22.2	0.166
			25	0	22.25	0.168		
			1	0	23.28	0.213		
			1	12	23.15	0.207		
			1	24	22.92	0.196		
			12	0	22.28	0.169		
			12	6	22.29	0.169		
			12	13	22.02	0.159		
			25	0	22.22	0.167		
			1	0	23	0.200		
			1	12	22.99	0.199		
			1	24	22.86	0.193		
			12	0	22.08	0.161		
		12	6	22.02	0.159			
		12	13	22.01	0.159			
		25	0	22.07	0.161			
		1	0	22.47	0.177			
		1	12	22.3	0.170			
		1	24	22.27	0.169			
		12	0	21.25	0.133			
		12	6	21.18	0.131			
		12	13	21.26	0.134			
		25	0	21.27	0.134			
		1	0	22.54	0.179			
		1	12	22.22	0.167			
		1	24	22.13	0.163			
		12	0	20.95	0.124			
		12	6	21.35	0.136			
		12	13	21.23	0.133			
		25	0	21.13	0.130			
		1	0	22.16	0.164			
1	12	22.17	0.165					
1	24	22.23	0.167					
12	0	21.2	0.132					
12	6	21.1	0.129					
12	11	21.08	0.128					
25	0	21.02	0.126					
12	0	21.25	0.133					
12	6	21.18	0.131					
12	13	21.26	0.134					
25	0	21.27	0.134					
1	0	22.54	0.179					
1	12	22.22	0.167					
1	24	22.13	0.163					
12	0	20.95	0.124					
12	6	21.35	0.136					
12	13	21.23	0.133					
25	0	21.13	0.130					
1	0	22.16	0.164					
1	12	22.17	0.165					
1	24	22.23	0.167					
12	0	21.2	0.132					
12	6	21.1	0.129					
12	11	21.08	0.128					
25	0	21.02	0.126					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 66	10 MHz	QPSK	132022	1715.0	1	0	23.25	0.211
					1	24	23.2	0.209
					1	49	23.09	0.204
					25	0	23.17	0.207
					25	12	23.24	0.211
					25	25	23.18	0.208
			50	0	22.16	0.164		
			132197	1732.5	1	0	23.04	0.201
					1	24	23.02	0.200
					1	49	22.94	0.197
					25	0	23.21	0.209
					25	12	23.24	0.211
					25	25	23.07	0.203
			50	0	22.06	0.161		
			132372	1750.0	1	0	22.95	0.197
					1	24	23.12	0.205
					1	49	22.73	0.187
					25	0	23.02	0.200
		25			12	23.14	0.206	
		25			25	23.02	0.200	
		50	0	22.02	0.159			
		16QAM	132022	1715.0	1	0	22.58	0.181
					1	24	22.47	0.177
					1	49	22.34	0.171
					25	0	22.15	0.164
					25	12	22.12	0.163
					25	25	22.23	0.167
			50	0	21.18	0.131		
			132197	1732.5	1	0	22.29	0.169
					1	24	22.2	0.166
1	49				22.39	0.173		
25	0				22.1	0.162		
25	12				22	0.158		
25	25	22.19			0.166			
50	0	21.09	0.129					
132372	1750.0	1	0	22.07	0.161			
		1	24	22.22	0.167			
		1	49	22.27	0.169			
		25	0	22.03	0.160			
		25	12	22.06	0.161			
		25	25	21.98	0.158			
50	0	20.98	0.125					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 66	15 MHz	QPSK	132047	1717.5	1	0	23.31	0.214
					1	37	23.28	0.213
					1	74	23.21	0.209
					36	0	22.42	0.175
					36	19	22.35	0.172
					36	39	22.14	0.164
			75	0	22.35	0.172		
			132197	1732.5	1	0	23.23	0.210
					1	37	23.02	0.200
					1	74	22.93	0.196
					36	0	22.26	0.168
					36	19	22.12	0.163
					36	39	22.15	0.164
			75	0	22.22	0.167		
			132347	1747.5	1	0	23.14	0.206
					1	37	23.01	0.200
					1	74	22.92	0.196
					36	0	22.26	0.168
		36			19	22.19	0.166	
		36			39	22.04	0.160	
		75	0	22.16	0.164			
		16QAM	132047	1717.5	1	0	22.46	0.176
					1	37	22.39	0.173
					1	74	22.37	0.173
					36	0	21.33	0.136
					36	19	21.22	0.132
					36	39	21.25	0.133
			75	0	21.24	0.133		
			132197	1732.5	1	0	22.68	0.185
					1	37	22.3	0.170
1	74				22.35	0.172		
36	0				21.18	0.131		
36	19				21.11	0.129		
36	39	21.18			0.131			
75	0	21.42	0.139					
132347	1747.5	1	0	22.4	0.174			
		1	37	22.14	0.164			
		1	74	22.12	0.163			
		36	0	21.15	0.130			
		36	19	21.08	0.128			
		36	39	21.14	0.130			
75	0	21.24	0.133					



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band 66	20 MHz	QPSK	132072	1720.0	1	0	23.29	0.213
					1	49	23.09	0.204
					1	99	22.97	0.198
					50	0	22.17	0.165
					50	25	22.28	0.169
					50	50	22.32	0.171
			132197	1732.5	100	0	22.41	0.174
					1	0	23.11	0.205
					1	49	23.06	0.202
					1	99	22.8	0.191
					50	0	22.27	0.169
					50	25	22.15	0.164
		132322	1745.0	50	50	22.15	0.164	
				100	0	22.26	0.168	
				1	0	23.33	0.215	
				1	49	22.79	0.190	
				1	99	22.98	0.199	
				50	0	22.1	0.162	
		16QAM	132072	1720.0	50	25	22.12	0.163
					50	50	22.03	0.160
					100	0	22.17	0.165
					1	0	22.43	0.175
					1	49	22.32	0.171
					1	99	22.56	0.180
132197	1732.5		50	0	21.2	0.132		
			50	25	21.27	0.134		
			50	50	21.3	0.135		
			100	0	21.24	0.133		
			1	0	22.52	0.179		
			1	49	22.31	0.170		
132322	1745.0	1	99	22.24	0.167			
		50	0	21.24	0.133			
		50	25	21.32	0.136			
		50	50	21.04	0.127			
		100	0	21.17	0.131			
		1	0	22.21	0.166			
132072	1720.0	1	49	22.37	0.173			
		1	99	21.99	0.158			
		50	0	21.14	0.130			
		50	25	21.13	0.130			
		50	50	21.02	0.126			
		100	0	21.17	0.131			



LTE Band2A+2A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Intra-Band non-contiguous PCC (B2)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Max W Gap	Lowest	23.20	18700	1860.0	QPSK	20MHz	1	0
	Highest	23.16	18700	1860.0	QPSK	20MHz	8	0
	Lowest	23.21	18700	1860.0	QPSK	20MHz	1	0
	Highest	23.18	18700	1860.0	QPSK	20MHz	18	0

Intra-Band non-continuous SCC (B2)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19175	1907.5	QPSK	5MHz	0	0
19175	1907.5	QPSK	5Mhz	0	0
19100	1900.0	QPSK	20MHz	0	0
19100	1900.0	QPSK	20MHz	0	0

DL CA Note :

For others DL CA configurations, RX usually will not affect the TX function. The single band power is already worst-case.



LTE Band2A+4A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B2)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.11	18607	1850.7	QPSK	1.4MHz	1	0
		23.05	18607	1850.7	QPSK	1.4MHz	1	5
	Highest	22.99	18607	1850.7	QPSK	1.4MHz	5	0
		23.01	18607	1850.7	QPSK	1.4MHz	5	1
High	Lowest	23.10	19193	1909.3	QPSK	1.4MHz	1	0
		23.02	19193	1909.3	QPSK	1.4MHz	1	5
	Highest	23.05	19193	1909.3	QPSK	1.4MHz	5	0
		23.03	19193	1909.3	QPSK	1.4MHz	5	1
Low	Lowest	23.26	18700	1860.0	QPSK	20MHz	1	0
		23.19	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.19	18700	1860.0	QPSK	20MHz	18	0
		23.17	18700	1860.0	QPSK	20MHz	18	82
High	Lowest	23.06	19100	1900.0	QPSK	20MHz	1	0
		23.17	19100	1900.0	QPSK	20MHz	1	99
	Highest	23.05	19100	1900.0	QPSK	20MHz	18	0
		23.09	19100	1900.0	QPSK	20MHz	18	82



Inter-Band SCC (B4)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19975	1712.5	QPSK	5MHz	1	0
19975	1712.5	QPSK	5MHz	1	24
19975	1712.5	QPSK	5MHz	8	0
19975	1712.5	QPSK	5MHz	8	17
20375	1752.5	QPSK	5MHz	1	0
20375	1752.5	QPSK	5MHz	1	24
20375	1752.5	QPSK	5MHz	8	0
20375	1752.5	QPSK	5MHz	8	17
20050	1720.0	QPSK	20MHz	1	0
20050	1720.0	QPSK	20MHz	1	99
20050	1720.0	QPSK	20MHz	18	0
20050	1720.0	QPSK	20MHz	18	82
20300	1745.0	QPSK	20MHz	1	0
20300	1745.0	QPSK	20MHz	1	99
20300	1745.0	QPSK	20MHz	18	0
20300	1745.0	QPSK	20MHz	18	82



LTE Band2A+5A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B2)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.31	18625	1852.5	QPSK	5MHz	1	0
		23.37	18625	1852.5	QPSK	5MHz	1	24
	Highest	23.28	18625	1852.5	QPSK	5MHz	8	0
		23.28	18625	1852.5	QPSK	5MHz	8	17
High	Lowest	23.17	19175	1907.5	QPSK	5MHz	1	0
		23.24	19175	1907.5	QPSK	5MHz	1	24
	Highest	23.19	19175	1907.5	QPSK	5MHz	8	0
		23.17	19175	1907.5	QPSK	5MHz	8	17
Low	Lowest	23.29	18650	1855.0	QPSK	10MHz	1	0
		23.27	18650	1855.0	QPSK	10MHz	1	49
	Highest	23.28	18650	1855.0	QPSK	10MHz	12	0
		23.25	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.30	19150	1905.0	QPSK	10MHz	1	0
		23.26	19150	1905.0	QPSK	10MHz	1	49
	Highest	23.20	19150	1905.0	QPSK	10MHz	12	0
		23.21	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.27	18700	1860.0	QPSK	20MHz	1	0
		23.21	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.20	18700	1860.0	QPSK	20MHz	18	0
		23.18	18700	1860.0	QPSK	20MHz	18	82
High	Lowest	23.09	19100	1900.0	QPSK	20MHz	1	0
		23.19	19100	1900.0	QPSK	20MHz	1	99
	Highest	23.08	19100	1900.0	QPSK	20MHz	18	0
		23.07	19100	1900.0	QPSK	20MHz	18	82



Inter-Band SCC (B5)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20425	826.5	QPSK	5MHz	1	0
20425	826.5	QPSK	5MHz	1	24
20425	826.5	QPSK	5MHz	8	0
20425	826.5	QPSK	5MHz	8	17
20625	846.5	QPSK	5MHz	1	0
20625	846.5	QPSK	5MHz	1	24
20625	846.5	QPSK	5MHz	8	0
20625	846.5	QPSK	5MHz	8	17
20450	829.0	QPSK	10MHz	1	0
20450	829.0	QPSK	10MHz	1	49
20450	829.0	QPSK	10MHz	12	0
20450	829.0	QPSK	10MHz	12	38
20600	844.0	QPSK	10MHz	1	0
20600	844.0	QPSK	10MHz	1	49
20600	844.0	QPSK	10MHz	12	0
20600	844.0	QPSK	10MHz	12	38
20450	829.0	QPSK	10MHz	1	0
20450	829.0	QPSK	10MHz	1	49
20450	829.0	QPSK	10MHz	12	0
20450	829.0	QPSK	10MHz	12	38
20600	844.0	QPSK	10MHz	1	0
20600	844.0	QPSK	10MHz	1	49
20600	844.0	QPSK	10MHz	12	0
20600	844.0	QPSK	10MHz	12	38



LTE Band2A+12A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B2)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.30	18625	1852.5	QPSK	5MHz	1	0
		23.37	18625	1852.5	QPSK	5MHz	1	24
	Highest	23.28	18625	1852.5	QPSK	5MHz	8	0
		23.26	18625	1852.5	QPSK	5MHz	8	17
High	Lowest	23.17	19175	1907.5	QPSK	5MHz	1	0
		23.25	19175	1907.5	QPSK	5MHz	1	24
	Highest	23.19	19175	1907.5	QPSK	5MHz	8	0
		23.17	19175	1907.5	QPSK	5MHz	8	17
Low	Lowest	23.29	18650	1855.0	QPSK	10MHz	1	0
		23.25	18650	1855.0	QPSK	10MHz	1	49
	Highest	23.27	18650	1855.0	QPSK	10MHz	12	0
		23.25	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.30	19150	1905.0	QPSK	10MHz	1	0
		23.26	19150	1905.0	QPSK	10MHz	1	49
	Highest	23.19	19150	1905.0	QPSK	10MHz	12	0
		23.22	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.27	18700	1860.0	QPSK	20MHz	1	0
		23.21	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.20	18700	1860.0	QPSK	20MHz	18	0
		23.16	18700	1860.0	QPSK	20MHz	18	82
High	Lowest	23.09	19100	1900.0	QPSK	20MHz	1	0
		23.18	19100	1900.0	QPSK	20MHz	1	99
	Highest	23.07	19100	1900.0	QPSK	20MHz	18	0
		23.09	19100	1900.0	QPSK	20MHz	18	82



Inter-Band SCC (B12)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23025	700.5	QPSK	3MHz	1	0
23025	700.5	QPSK	3MHz	1	14
23025	700.5	QPSK	3MHz	5	0
23025	700.5	QPSK	3MHz	5	10
23165	714.5	QPSK	3MHz	1	0
23165	714.5	QPSK	3MHz	1	14
23165	714.5	QPSK	3MHz	5	0
23165	714.5	QPSK	3MHz	5	10
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	49
23060	704.0	QPSK	10MHz	12	0
23060	704.0	QPSK	10MHz	12	38
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	49
23130	711.0	QPSK	10MHz	12	0
23130	711.0	QPSK	10MHz	12	38
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	49
23060	704.0	QPSK	10MHz	12	0
23060	704.0	QPSK	10MHz	12	38
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	49
23130	711.0	QPSK	10MHz	12	0
23130	711.0	QPSK	10MHz	12	38



LTE Band2A+30A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B2)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.33	18625	1852.5	QPSK	5MHz	1	0
		23.35	18625	1852.5	QPSK	5MHz	1	24
	Highest	23.27	18625	1852.5	QPSK	5MHz	8	0
		23.25	18625	1852.5	QPSK	5MHz	8	17
High	Lowest	23.17	19175	1907.5	QPSK	5MHz	1	0
		23.17	19175	1907.5	QPSK	5MHz	1	24
	Highest	23.19	19175	1907.5	QPSK	5MHz	8	0
		23.18	19175	1907.5	QPSK	5MHz	8	17
Low	Lowest	23.29	18650	1855.0	QPSK	10MHz	1	0
		23.27	18650	1855.0	QPSK	10MHz	1	49
	Highest	23.26	18650	1855.0	QPSK	10MHz	12	0
		23.25	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.29	19150	1905.0	QPSK	10MHz	1	0
		23.27	19150	1905.0	QPSK	10MHz	1	49
	Highest	23.20	19150	1905.0	QPSK	10MHz	12	0
		23.21	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.26	18700	1860.0	QPSK	20MHz	1	0
		23.21	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.19	18700	1860.0	QPSK	20MHz	18	0
		23.16	18700	1860.0	QPSK	20MHz	18	82
High	Lowest	23.09	19100	1900.0	QPSK	20MHz	1	0
		23.20	19100	1900.0	QPSK	20MHz	1	99
	Highest	23.06	19100	1900.0	QPSK	20MHz	18	0
		23.08	19100	1900.0	QPSK	20MHz	18	82



Inter-Band SCC (B30)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	2307.5	QPSK	5MHz	1	0
27685	2307.5	QPSK	5MHz	1	24
27685	2307.5	QPSK	5MHz	8	0
27685	2307.5	QPSK	5MHz	8	17
27735	2312.5	QPSK	5MHz	1	0
27735	2312.5	QPSK	5MHz	1	24
27735	2312.5	QPSK	5MHz	8	0
27735	2312.5	QPSK	5MHz	8	17
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38



LTE Band4A+4A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Intra-Band non-contiguous PCC (B4)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low W Gap	Lowest	23.29	20050	1720.0	QPSK	20MHz	1	0
	Highest	22.97	20050	1720.0	QPSK	20MHz	18	0
Max W Gap	Lowest	23.30	20050	1720.0	QPSK	20MHz	1	0
	Highest	23.01	20050	1720.0	QPSK	20MHz	18	0
	Lowest	23.27	20050	1720.0	QPSK	20MHz	1	0
	Highest	22.98	20050	1720.0	QPSK	20MHz	8	0

Intra-Band non-continuous SCC (B4)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20300	1745.0	QPSK	20MHz	0	0
20300	1745.0	QPSK	20MHz	0	0
20300	1745.0	QPSK	20MHz	0	0
20300	1745.0	QPSK	20MHz	0	0
20375	1752.5	QPSK	5MHz	0	0
20375	1752.5	QPSK	5Mhz	0	0



LTE Band4A+5A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B4)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.11	19975	1712.5	QPSK	5MHz	1	0
		23.11	19975	1712.5	QPSK	5MHz	1	24
	Highest	23.01	19975	1712.5	QPSK	5MHz	8	0
		22.99	19975	1712.5	QPSK	5MHz	8	17
High	Lowest	22.93	20375	1752.5	QPSK	5MHz	1	0
		22.79	20375	1752.5	QPSK	5MHz	1	24
	Highest	22.76	20375	1752.5	QPSK	5MHz	8	0
		22.74	20375	1752.5	QPSK	5MHz	8	17
Low	Lowest	23.20	20000	1715.0	QPSK	10MHz	1	0
		22.98	20000	1715.0	QPSK	10MHz	1	49
	Highest	22.97	20000	1715.0	QPSK	10MHz	12	0
		22.94	20000	1715.0	QPSK	10MHz	12	38
High	Lowest	23.23	20350	1750.0	QPSK	10MHz	1	0
		22.87	20350	1750.0	QPSK	10MHz	1	49
	Highest	22.83	20350	1750.0	QPSK	10MHz	12	0
		22.85	20350	1750.0	QPSK	10MHz	12	38
Low	Lowest	23.27	20050	1720.0	QPSK	20MHz	1	0
		23.01	20050	1720.0	QPSK	20MHz	1	99
	Highest	22.97	20050	1720.0	QPSK	20MHz	18	0
		22.98	20050	1720.0	QPSK	20MHz	18	82
High	Lowest	22.95	20300	1745.0	QPSK	20MHz	1	0
		22.82	20300	1745.0	QPSK	20MHz	1	99
	Highest	22.78	20300	1745.0	QPSK	20MHz	18	0
		22.81	20300	1745.0	QPSK	20MHz	18	82



Inter-Band SCC (B5)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20425	826.5	QPSK	5MHz	1	0
20425	826.5	QPSK	5MHz	1	24
20425	826.5	QPSK	5MHz	8	0
20425	826.5	QPSK	5MHz	8	17
20625	846.5	QPSK	5MHz	1	0
20625	846.5	QPSK	5MHz	1	24
20625	846.5	QPSK	5MHz	8	0
20625	846.5	QPSK	5MHz	8	17
20450	829.0	QPSK	10MHz	1	0
20450	829.0	QPSK	10MHz	1	49
20450	829.0	QPSK	10MHz	12	0
20450	829.0	QPSK	10MHz	12	38
20600	844.0	QPSK	10MHz	1	0
20600	844.0	QPSK	10MHz	1	49
20600	844.0	QPSK	10MHz	12	0
20600	844.0	QPSK	10MHz	12	38
20600	844.0	QPSK	10MHz	1	0
20600	844.0	QPSK	10MHz	1	49
20600	844.0	QPSK	10MHz	12	0
20600	844.0	QPSK	10MHz	12	38
20600	844.0	QPSK	10MHz	1	0
20600	844.0	QPSK	10MHz	1	49
20600	844.0	QPSK	10MHz	12	0
20600	844.0	QPSK	10MHz	12	38



LTE Band4A+12A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B4)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.17	19957	1710.7	QPSK	1.4MHz	1	0
		23.08	19957	1710.7	QPSK	1.4MHz	1	5
	Highest	22.15	19957	1710.7	QPSK	1.4MHz	5	0
		22.17	19957	1710.7	QPSK	1.4MHz	5	1
High	Lowest	23.11	20393	1754.3	QPSK	1.4MHz	1	0
		22.93	20393	1754.3	QPSK	1.4MHz	1	5
	Highest	22.12	20393	1754.3	QPSK	1.4MHz	5	0
		22.12	20393	1754.3	QPSK	1.4MHz	5	1
Low	Lowest	23.21	20000	1715.0	QPSK	10MHz	1	0
		22.94	20000	1715.0	QPSK	10MHz	1	49
	Highest	22.94	20000	1715.0	QPSK	10MHz	12	0
		22.97	20000	1715.0	QPSK	10MHz	12	38
High	Lowest	23.22	20350	1750.0	QPSK	10MHz	1	0
		22.99	20350	1750.0	QPSK	10MHz	1	49
	Highest	22.95	20350	1750.0	QPSK	10MHz	12	0
		22.96	20350	1750.0	QPSK	10MHz	12	38
Low	Lowest	23.26	20050	1720.0	QPSK	20MHz	1	0
		23.01	20050	1720.0	QPSK	20MHz	1	99
	Highest	23.01	20050	1720.0	QPSK	20MHz	18	0
		23.02	20050	1720.0	QPSK	20MHz	18	82
High	Lowest	22.94	20300	1745.0	QPSK	20MHz	1	0
		22.80	20300	1745.0	QPSK	20MHz	1	99
	Highest	22.79	20300	1745.0	QPSK	20MHz	18	0
		22.81	20300	1745.0	QPSK	20MHz	18	82



Inter-Band SCC (B12)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23035	701.5	QPSK	5MHz	1	0
23035	701.5	QPSK	5MHz	1	24
23035	701.5	QPSK	5MHz	8	0
23035	701.5	QPSK	5MHz	8	17
23155	713.5	QPSK	5MHz	1	0
23155	713.5	QPSK	5MHz	1	24
23155	713.5	QPSK	5MHz	8	0
23155	713.5	QPSK	5MHz	8	17
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	49
23060	704.0	QPSK	10MHz	12	0
23060	704.0	QPSK	10MHz	12	38
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	49
23130	711.0	QPSK	10MHz	12	0
23130	711.0	QPSK	10MHz	12	38
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	49
23060	704.0	QPSK	10MHz	12	0
23060	704.0	QPSK	10MHz	12	38
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	49
23130	711.0	QPSK	10MHz	12	0
23130	711.0	QPSK	10MHz	12	38



LTE Band4A+30A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B4)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.12	19975	1712.5	QPSK	5MHz	1	0
		23.10	19975	1712.5	QPSK	5MHz	1	24
	Highest	23.03	19975	1712.5	QPSK	5MHz	8	0
		23.03	19975	1712.5	QPSK	5MHz	8	17
High	Lowest	22.95	20375	1752.5	QPSK	5MHz	1	0
		22.77	20375	1752.5	QPSK	5MHz	1	24
	Highest	22.78	20375	1752.5	QPSK	5MHz	8	0
		22.00	20375	1752.5	QPSK	5MHz	8	17
Low	Lowest	23.20	20000	1715.0	QPSK	10MHz	1	0
		22.92	20000	1715.0	QPSK	10MHz	1	49
	Highest	22.87	20000	1715.0	QPSK	10MHz	12	0
		22.84	20000	1715.0	QPSK	10MHz	12	38
High	Lowest	23.22	20350	1750.0	QPSK	10MHz	1	0
		22.88	20350	1750.0	QPSK	10MHz	1	49
	Highest	22.76	20350	1750.0	QPSK	10MHz	12	0
		22.78	20350	1750.0	QPSK	10MHz	12	38
Low	Lowest	23.27	20050	1720.0	QPSK	20MHz	1	0
		23.01	20050	1720.0	QPSK	20MHz	1	99
	Highest	22.97	20050	1720.0	QPSK	20MHz	18	0
		22.84	20050	1720.0	QPSK	20MHz	18	82
High	Lowest	22.95	20300	1745.0	QPSK	20MHz	1	0
		22.82	20300	1745.0	QPSK	20MHz	1	99
	Highest	22.75	20300	1745.0	QPSK	20MHz	18	0
		22.79	20300	1745.0	QPSK	20MHz	18	82



Inter-Band SCC (B30)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	2307.5	QPSK	5MHz	1	0
27685	2307.5	QPSK	5MHz	1	24
27685	2307.5	QPSK	5MHz	8	0
27685	2307.5	QPSK	5MHz	8	17
27735	2312.5	QPSK	5MHz	1	0
27735	2312.5	QPSK	5MHz	1	24
27735	2312.5	QPSK	5MHz	8	0
27735	2312.5	QPSK	5MHz	8	17
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38



LTE Band12A+30A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B12)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	22.85	23035	701.5	QPSK	5MHz	1	0
		22.53	23035	701.5	QPSK	5MHz	1	24
	Highest	22.44	23035	701.5	QPSK	5MHz	8	0
		22.41	23035	701.5	QPSK	5MHz	8	17
High	Lowest	22.84	23155	713.5	QPSK	5MHz	1	0
		22.77	23155	713.5	QPSK	5MHz	1	24
	Highest	22.69	23155	713.5	QPSK	5MHz	8	0
		22.73	23155	713.5	QPSK	5MHz	8	17
Low	Lowest	22.85	23035	701.5	QPSK	5MHz	1	0
		22.53	23035	701.5	QPSK	5MHz	1	24
	Highest	22.47	23035	701.5	QPSK	5MHz	8	0
		22.44	23035	701.5	QPSK	5MHz	8	17
High	Lowest	22.83	23155	713.5	QPSK	5MHz	1	0
		22.76	23155	713.5	QPSK	5MHz	1	24
	Highest	22.69	23155	713.5	QPSK	5MHz	8	0
		22.68	23155	713.5	QPSK	5MHz	8	17
Low	Lowest	22.64	23060	704.0	QPSK	10MHz	1	0
		22.57	23060	704.0	QPSK	10MHz	1	49
	Highest	22.57	23060	704.0	QPSK	10MHz	12	0
		22.53	23060	704.0	QPSK	10MHz	12	38
High	Lowest	22.84	23130	711.0	QPSK	10MHz	1	0
		22.75	23130	711.0	QPSK	10MHz	1	49
	Highest	22.71	23130	711.0	QPSK	10MHz	12	0
		22.65	23130	711.0	QPSK	10MHz	12	38



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B12)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	22.63	23060	704.0	QPSK	10MHz	1	0
		22.57	23060	704.0	QPSK	10MHz	1	49
	Highest	22.57	23060	704.0	QPSK	10MHz	12	0
		22.51	23060	704.0	QPSK	10MHz	12	38
High	Lowest	22.83	23130	711.0	QPSK	10MHz	1	0
		22.73	23130	711.0	QPSK	10MHz	1	49
	Highest	22.63	23130	711.0	QPSK	10MHz	12	0
		22.67	23130	711.0	QPSK	10MHz	12	38



Inter-Band SCC (B30)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	2307.5	QPSK	5MHz	1	0
27685	2307.5	QPSK	5MHz	1	24
27685	2307.5	QPSK	5MHz	8	0
27685	2307.5	QPSK	5MHz	8	17
27735	2312.5	QPSK	5MHz	1	0
27735	2312.5	QPSK	5MHz	1	24
27735	2312.5	QPSK	5MHz	8	0
27735	2312.5	QPSK	5MHz	8	17
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27685	2307.5	QPSK	5MHz	1	0
27685	2307.5	QPSK	5MHz	1	24
27685	2307.5	QPSK	5MHz	8	0
27685	2307.5	QPSK	5MHz	8	17
27735	2312.5	QPSK	5MHz	1	0
27735	2312.5	QPSK	5MHz	1	24
27735	2312.5	QPSK	5MHz	8	0
27735	2312.5	QPSK	5MHz	8	17



Inter-Band SCC (B30)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38



LTE Band2A+4A+12A_DL CA

Test freq. ID	NRB_agg	Maximum	Inter-Band PCC (B2)					
		Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.32	18625	1852.5	QPSK	5MHz	1	0
		23.38	18625	1852.5	QPSK	5MHz	1	24
	Highest	23.18	18625	1852.5	QPSK	5MHz	8	0
		23.15	18625	1852.5	QPSK	5MHz	8	17
High	Lowest	23.16	19175	1907.5	QPSK	5MHz	1	0
		23.23	19175	1907.5	QPSK	5MHz	1	24
	Highest	22.87	19175	1907.5	QPSK	5MHz	8	0
		22.94	19175	1907.5	QPSK	5MHz	8	17
Low	Lowest	23.29	18650	1855.0	QPSK	10MHz	1	0
		23.27	18650	1855.0	QPSK	10MHz	1	49
	Highest	23.16	18650	1855.0	QPSK	10MHz	12	0
		23.11	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.29	19150	1905.0	QPSK	10MHz	1	0
		23.27	19150	1905.0	QPSK	10MHz	1	49
	Highest	23.18	19150	1905.0	QPSK	10MHz	12	0
		23.15	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.31	18675	1857.5	QPSK	15MHz	1	0
		23.30	18675	1857.5	QPSK	15MHz	1	74
	Highest	23.27	18675	1857.5	QPSK	15MHz	16	0
		23.25	18675	1857.5	QPSK	15MHz	16	59
High	Lowest	23.27	19125	1902.5	QPSK	15MHz	1	0
		23.19	19125	1902.5	QPSK	15MHz	1	74
	Highest	22.94	19125	1902.5	QPSK	15MHz	16	0
		22.97	19125	1902.5	QPSK	15MHz	16	59
Low	Lowest	23.27	18700	1860.0	QPSK	20MHz	1	0
		23.19	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.14	18700	1860.0	QPSK	20MHz	18	0
		23.16	18700	1860.0	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B2)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
High	Lowest	23.10	19100	1900.0	QPSK	20MHz	1	0
		23.21	19100	1900.0	QPSK	20MHz	1	99
	Highest	23.04	19100	1900.0	QPSK	20MHz	18	0
		23.09	19100	1900.0	QPSK	20MHz	18	82
Low	Lowest	23.26	18700	1860.0	QPSK	20MHz	1	0
		23.19	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.14	18700	1860.0	QPSK	20MHz	18	0
		23.18	18700	1860.0	QPSK	20MHz	18	82
High	Lowest	23.10	19100	1900.0	QPSK	20MHz	1	0
		23.20	19100	1900.0	QPSK	20MHz	1	99
	Highest	23.01	19100	1900.0	QPSK	20MHz	18	0
		23.04	19100	1900.0	QPSK	20MHz	18	82



Inter-Band SCC (B4)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19975	1712.5	QPSK	5MHz	1	0
19975	1712.5	QPSK	5MHz	1	24
19975	1712.5	QPSK	5MHz	8	0
19975	1712.5	QPSK	5MHz	8	17
20375	1752.5	QPSK	5MHz	1	0
20375	1752.5	QPSK	5MHz	1	24
20375	1752.5	QPSK	5MHz	8	0
20375	1752.5	QPSK	5MHz	8	17
20050	1720.0	QPSK	20MHz	1	0
20050	1720.0	QPSK	20MHz	1	99
20050	1720.0	QPSK	20MHz	18	0
20050	1720.0	QPSK	20MHz	18	82
20300	1745.0	QPSK	20MHz	1	0
20300	1745.0	QPSK	20MHz	1	99
20300	1745.0	QPSK	20MHz	18	0
20300	1745.0	QPSK	20MHz	18	82



EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20025	1717.5	QPSK	15MHz	1	0
20025	1717.5	QPSK	15MHz	1	74
20025	1717.5	QPSK	15MHz	16	0
20025	1717.5	QPSK	15MHz	16	59
20325	1747.5	QPSK	15MHz	1	0
20325	1747.5	QPSK	15MHz	1	74
20325	1747.5	QPSK	15MHz	16	0
20325	1747.5	QPSK	15MHz	16	59
20000	1715.0	QPSK	10MHz	1	0
20000	1715.0	QPSK	10MHz	1	49
20000	1715.0	QPSK	10MHz	12	0
20000	1715.0	QPSK	10MHz	12	38
20350	1750.0	QPSK	10MHz	1	0
20350	1750.0	QPSK	10MHz	1	49
20350	1750.0	QPSK	10MHz	12	0
20350	1750.0	QPSK	10MHz	12	38
20050	1720.0	QPSK	20MHz	1	0
20050	1720.0	QPSK	20MHz	1	99
20050	1720.0	QPSK	20MHz	18	0
20050	1720.0	QPSK	20MHz	18	82
20300	1745.0	QPSK	20MHz	1	0
20300	1745.0	QPSK	20MHz	1	99
20300	1745.0	QPSK	20MHz	18	0
20300	1745.0	QPSK	20MHz	18	82



Inter-Band SCC (B12)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23035	701.5	QPSK	5MHz	1	0
23035	701.5	QPSK	5MHz	1	24
23035	701.5	QPSK	5MHz	8	0
23035	701.5	QPSK	5MHz	8	17
23155	713.5	QPSK	5MHz	1	0
23155	713.5	QPSK	5MHz	1	24
23155	713.5	QPSK	5MHz	8	0
23155	713.5	QPSK	5MHz	8	17
23035	701.5	QPSK	5MHz	1	0
23035	701.5	QPSK	5MHz	1	99
23035	701.5	QPSK	5MHz	18	0
23035	701.5	QPSK	5MHz	18	82
23155	713.5	QPSK	5MHz	1	0
23155	713.5	QPSK	5MHz	1	99
23155	713.5	QPSK	5MHz	18	0
23155	713.5	QPSK	5MHz	18	82
23035	701.5	QPSK	5MHz	1	0
23035	701.5	QPSK	5MHz	1	74
23035	701.5	QPSK	5MHz	16	0
23035	701.5	QPSK	5MHz	16	59
23155	713.5	QPSK	5MHz	1	0
23155	713.5	QPSK	5MHz	1	74
23155	713.5	QPSK	5MHz	16	0
23155	713.5	QPSK	5MHz	16	59



Inter-Band SCC (B12)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23035	701.5	QPSK	5MHz	1	0
23035	701.5	QPSK	5MHz	1	49
23035	701.5	QPSK	5MHz	12	0
23035	701.5	QPSK	5MHz	12	38
23155	713.5	QPSK	5MHz	1	0
23155	713.5	QPSK	5MHz	1	49
23155	713.5	QPSK	5MHz	12	0
23155	713.5	QPSK	5MHz	12	38
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	99
23060	704.0	QPSK	10MHz	18	0
23060	704.0	QPSK	10MHz	18	82
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	99
23130	711.0	QPSK	10MHz	18	0
23130	711.0	QPSK	10MHz	18	82



LTE Band2A+5A+30A_DL CA

Test freq. ID	NRB_agg	Maximum	Inter-Band PCC (B2)					
		Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.32	18625	1852.5	QPSK	5MHz	1	0
		23.37	18625	1852.5	QPSK	5MHz	1	24
	Highest	23.18	18625	1852.5	QPSK	5MHz	8	0
		23.21	18625	1852.5	QPSK	5MHz	8	17
High	Lowest	23.17	19175	1907.5	QPSK	5MHz	1	0
		23.24	19175	1907.5	QPSK	5MHz	1	24
	Highest	23.12	19175	1907.5	QPSK	5MHz	8	0
		23.17	19175	1907.5	QPSK	5MHz	8	17
Low	Lowest	23.27	18650	1855.0	QPSK	10MHz	1	0
		23.29	18650	1855.0	QPSK	10MHz	1	49
	Highest	23.24	18650	1855.0	QPSK	10MHz	12	0
		23.28	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.28	19150	1905.0	QPSK	10MHz	1	0
		23.27	19150	1905.0	QPSK	10MHz	1	49
	Highest	23.16	19150	1905.0	QPSK	10MHz	12	0
		23.10	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.27	18700	1860.0	QPSK	20MHz	1	0
		23.20	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.18	18700	1860.0	QPSK	20MHz	18	0
		23.15	18700	1860.0	QPSK	20MHz	18	82
High	Lowest	23.08	19100	1900.0	QPSK	20MHz	1	0
		23.19	19100	1900.0	QPSK	20MHz	1	99
	Highest	22.87	19100	1900.0	QPSK	20MHz	18	0
		22.91	19100	1900.0	QPSK	20MHz	18	82



Inter-Band SCC (B5)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20425	826.5	QPSK	5MHz	1	0
20425	826.5	QPSK	5MHz	1	24
20425	826.5	QPSK	5MHz	8	0
20425	826.5	QPSK	5MHz	8	17
20625	846.5	QPSK	5MHz	1	0
20625	846.5	QPSK	5MHz	1	24
20625	846.5	QPSK	5MHz	8	0
20625	846.5	QPSK	5MHz	8	17
20450	829.0	QPSK	10MHz	1	0
20450	829.0	QPSK	10MHz	1	49
20450	829.0	QPSK	10MHz	12	0
20450	829.0	QPSK	10MHz	12	38
20600	844.0	QPSK	10MHz	1	0
20600	844.0	QPSK	10MHz	1	49
20600	844.0	QPSK	10MHz	12	0
20600	844.0	QPSK	10MHz	12	38
20450	829.0	QPSK	10MHz	1	0
20450	829.0	QPSK	10MHz	1	49
20450	829.0	QPSK	10MHz	12	0
20450	829.0	QPSK	10MHz	12	38
20600	844.0	QPSK	10MHz	1	0
20600	844.0	QPSK	10MHz	1	49
20600	844.0	QPSK	10MHz	12	0
20600	844.0	QPSK	10MHz	12	38



Inter-Band SCC (B30)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	2307.5	QPSK	5MHz	1	0
27685	2307.5	QPSK	5MHz	1	24
27685	2307.5	QPSK	5MHz	8	0
27685	2307.5	QPSK	5MHz	8	17
27735	2312.5	QPSK	5MHz	1	0
27735	2312.5	QPSK	5MHz	1	24
27735	2312.5	QPSK	5MHz	8	0
27735	2312.5	QPSK	5MHz	8	17
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38



LTE Band2A+12A+30A_DL CA

Test freq. ID	NRB_agg	Maximum	Inter-Band PCC (B2)					
		Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.33	18625	1852.5	QPSK	5MHz	1	0
		23.36	18625	1852.5	QPSK	5MHz	1	24
	Highest	23.19	18625	1852.5	QPSK	5MHz	8	0
		23.21	18625	1852.5	QPSK	5MHz	8	17
High	Lowest	23.18	19175	1907.5	QPSK	5MHz	1	0
		23.24	19175	1907.5	QPSK	5MHz	1	24
	Highest	22.94	19175	1907.5	QPSK	5MHz	8	0
		22.97	19175	1907.5	QPSK	5MHz	8	17
Low	Lowest	23.27	18650	1855.0	QPSK	10MHz	1	0
		23.30	18650	1855.0	QPSK	10MHz	1	49
	Highest	23.21	18650	1855.0	QPSK	10MHz	12	0
		23.19	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.30	19150	1905.0	QPSK	10MHz	1	0
		23.25	19150	1905.0	QPSK	10MHz	1	49
	Highest	23.16	19150	1905.0	QPSK	10MHz	12	0
		23.19	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.28	18700	1860.0	QPSK	20MHz	1	0
		23.21	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.16	18700	1860.0	QPSK	20MHz	18	0
		23.11	18700	1860.0	QPSK	20MHz	18	82
High	Lowest	23.10	19100	1900.0	QPSK	20MHz	1	0
		23.19	19100	1900.0	QPSK	20MHz	1	99
	Highest	23.09	19100	1900.0	QPSK	20MHz	18	0
		23.06	19100	1900.0	QPSK	20MHz	18	82



Inter-Band SCC (B12)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23035	701.5	QPSK	5MHz	1	0
23035	701.5	QPSK	5MHz	1	24
23035	701.5	QPSK	5MHz	8	0
23035	701.5	QPSK	5MHz	8	17
23155	713.5	QPSK	5MHz	1	0
23155	713.5	QPSK	5MHz	1	24
23155	713.5	QPSK	5MHz	8	0
23155	713.5	QPSK	5MHz	8	17
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	49
23060	704.0	QPSK	10MHz	12	0
23060	704.0	QPSK	10MHz	12	38
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	49
23130	711.0	QPSK	10MHz	12	0
23130	711.0	QPSK	10MHz	12	38
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	49
23060	704.0	QPSK	10MHz	12	0
23060	704.0	QPSK	10MHz	12	38
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	49
23130	711.0	QPSK	10MHz	12	0
23130	711.0	QPSK	10MHz	12	38



Inter-Band SCC (B30)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	2307.5	QPSK	5MHz	1	0
27685	2307.5	QPSK	5MHz	1	24
27685	2307.5	QPSK	5MHz	8	0
27685	2307.5	QPSK	5MHz	8	17
27735	2312.5	QPSK	5MHz	1	0
27735	2312.5	QPSK	5MHz	1	24
27735	2312.5	QPSK	5MHz	8	0
27735	2312.5	QPSK	5MHz	8	17
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38



LTE Band2A+12A+66A_DL CA

Test freq. ID	NRB_agg	Maximum	Inter-Band PCC (B2)					
		Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.31	18625	1852.5	QPSK	5MHz	1	0
		23.36	18625	1852.5	QPSK	5MHz	1	24
	Highest	23.19	18625	1852.5	QPSK	5MHz	8	0
		23.24	18625	1852.5	QPSK	5MHz	8	17
High	Lowest	23.16	19175	1907.5	QPSK	5MHz	1	0
		23.23	19175	1907.5	QPSK	5MHz	1	24
	Highest	23.01	19175	1907.5	QPSK	5MHz	8	0
		23.07	19175	1907.5	QPSK	5MHz	8	17
Low	Lowest	23.27	18650	1855.0	QPSK	10MHz	1	0
		23.30	18650	1855.0	QPSK	10MHz	1	49
	Highest	23.21	18650	1855.0	QPSK	10MHz	12	0
		23.22	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.30	19150	1905.0	QPSK	10MHz	1	0
		23.26	19150	1905.0	QPSK	10MHz	1	49
	Highest	23.17	19150	1905.0	QPSK	10MHz	12	0
		23.13	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.29	18650	1855.0	QPSK	10MHz	1	0
		23.30	18650	1855.0	QPSK	10MHz	1	49
	Highest	23.20	18650	1855.0	QPSK	10MHz	12	0
		23.21	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.29	19150	1905.0	QPSK	10MHz	1	0
		23.28	19150	1905.0	QPSK	10MHz	1	49
	Highest	23.14	19150	1905.0	QPSK	10MHz	12	0
		23.11	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.27	18700	1860.0	QPSK	20MHz	1	0
		23.19	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.01	18700	1860.0	QPSK	20MHz	18	0
		23.12	18700	1860.0	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B2)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
High	Lowest	23.11	19100	1900.0	QPSK	20MHz	1	0
		23.20	19100	1900.0	QPSK	20MHz	1	99
	Highest	22.97	19100	1900.0	QPSK	20MHz	18	0
		23.02	19100	1900.0	QPSK	20MHz	18	82
Low	Lowest	23.28	18700	1860.0	QPSK	20MHz	1	0
		23.19	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.14	18700	1860.0	QPSK	20MHz	18	0
		23.11	18700	1860.0	QPSK	20MHz	18	82
High	Lowest	23.10	19100	1900.0	QPSK	20MHz	1	0
		23.21	19100	1900.0	QPSK	20MHz	1	99
	Highest	22.98	19100	1900.0	QPSK	20MHz	18	0
		22.99	19100	1900.0	QPSK	20MHz	18	82



Inter-Band SCC (B12)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23035	701.5	QPSK	5MHz	1	0
23035	701.5	QPSK	5MHz	1	24
23035	701.5	QPSK	5MHz	8	0
23035	701.5	QPSK	5MHz	8	17
23155	713.5	QPSK	5MHz	1	0
23155	713.5	QPSK	5MHz	1	24
23155	713.5	QPSK	5MHz	8	0
23155	713.5	QPSK	5MHz	8	17
23035	701.5	QPSK	5MHz	1	0
23035	701.5	QPSK	5MHz	1	24
23035	701.5	QPSK	5MHz	8	0
23035	701.5	QPSK	5MHz	8	17
23155	713.5	QPSK	5MHz	1	0
23155	713.5	QPSK	5MHz	1	24
23155	713.5	QPSK	5MHz	8	0
23155	713.5	QPSK	5MHz	8	17



EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	49
23060	704.0	QPSK	10MHz	12	0
23060	704.0	QPSK	10MHz	12	38
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	49
23130	711.0	QPSK	10MHz	12	0
23130	711.0	QPSK	10MHz	12	38
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	49
23060	704.0	QPSK	10MHz	12	0
23060	704.0	QPSK	10MHz	12	38
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	49
23130	711.0	QPSK	10MHz	12	0
23130	711.0	QPSK	10MHz	12	38
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	49
23060	704.0	QPSK	10MHz	12	0
23060	704.0	QPSK	10MHz	12	38
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	49
23130	711.0	QPSK	10MHz	12	0
23130	711.0	QPSK	10MHz	12	38



Inter-Band SCC (B66)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
131997	1712.5	QPSK	5MHz	1	0
131997	1712.5	QPSK	5MHz	1	24
131997	1712.5	QPSK	5MHz	8	0
131997	1712.5	QPSK	5MHz	8	17
132647	1777.5	QPSK	5MHz	1	0
132647	1777.5	QPSK	5MHz	1	24
132647	1777.5	QPSK	5MHz	8	0
132647	1777.5	QPSK	5MHz	8	17
132072	1720.0	QPSK	20MHz	1	0
132072	1720.0	QPSK	20MHz	1	24
132072	1720.0	QPSK	20MHz	8	0
132072	1720.0	QPSK	20MHz	8	17
132572	1770.0	QPSK	20MHz	1	0
132572	1770.0	QPSK	20MHz	1	24
132572	1770.0	QPSK	20MHz	8	0
132572	1770.0	QPSK	20MHz	8	17
132047	1717.5	QPSK	15MHz	1	0
132047	1717.5	QPSK	15MHz	1	49
132047	1717.5	QPSK	15MHz	12	0
132047	1717.5	QPSK	15MHz	12	38
132597	1772.5	QPSK	15MHz	1	0
132597	1772.5	QPSK	15MHz	1	49
132597	1772.5	QPSK	15MHz	12	0
132597	1772.5	QPSK	15MHz	12	38
131997	1712.5	QPSK	5MHz	1	0
131997	1712.5	QPSK	5MHz	1	49
131997	1712.5	QPSK	5MHz	12	0
131997	1712.5	QPSK	5MHz	12	38



Inter-Band SCC (B66)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
132647	1777.5	QPSK	5MHz	1	0
132647	1777.5	QPSK	5MHz	1	49
132647	1777.5	QPSK	5MHz	12	0
132647	1777.5	QPSK	5MHz	12	38
132072	1720.0	QPSK	20MHz	1	0
132072	1720.0	QPSK	20MHz	1	49
132072	1720.0	QPSK	20MHz	12	0
132072	1720.0	QPSK	20MHz	12	38
132572	1770.0	QPSK	20MHz	1	0
132572	1770.0	QPSK	20MHz	1	49
132572	1770.0	QPSK	20MHz	12	0
132572	1770.0	QPSK	20MHz	12	38



LTE Band2A+29A+30A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B2)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.31	18625	1852.5	QPSK	5MHz	1	0
		23.37	18625	1852.5	QPSK	5MHz	1	24
	Highest	23.17	18625	1852.5	QPSK	5MHz	8	0
		23.19	18625	1852.5	QPSK	5MHz	8	17
High	Lowest	23.17	19175	1907.5	QPSK	5MHz	1	0
		23.25	19175	1907.5	QPSK	5MHz	1	24
	Highest	23.04	19175	1907.5	QPSK	5MHz	8	0
		23.01	19175	1907.5	QPSK	5MHz	8	17
Low	Lowest	23.27	18650	1855.0	QPSK	10MHz	1	0
		23.30	18650	1855.0	QPSK	10MHz	1	49
	Highest	23.21	18650	1855.0	QPSK	10MHz	12	0
		23.19	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.30	19150	1905.0	QPSK	10MHz	1	0
		23.26	19150	1905.0	QPSK	10MHz	1	49
	Highest	23.14	19150	1905.0	QPSK	10MHz	12	0
		23.12	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.28	18700	1860.0	QPSK	20MHz	1	0
		23.20	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.10	18700	1860.0	QPSK	20MHz	18	0
		23.07	18700	1860.0	QPSK	20MHz	18	82
High	Lowest	23.09	19100	1900.0	QPSK	20MHz	1	0
		23.20	19100	1900.0	QPSK	20MHz	1	99
	Highest	23.02	19100	1900.0	QPSK	20MHz	18	0
		23.04	19100	1900.0	QPSK	20MHz	18	82



Inter-Band SCC (B29)					
EARFCN(DL)	Freq. (MHz)_DL	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
9685	719.5	QPSK	5MHz	1	0
9685	719.5	QPSK	5MHz	1	24
9685	719.5	QPSK	5MHz	8	0
9685	719.5	QPSK	5MHz	8	17
9745	725.5	QPSK	5MHz	1	0
9745	725.5	QPSK	5MHz	1	24
9745	725.5	QPSK	5MHz	8	0
9745	725.5	QPSK	5MHz	8	17
9710	722.0	QPSK	10MHz	1	0
9710	722.0	QPSK	10MHz	1	49
9710	722.0	QPSK	10MHz	12	0
9710	722.0	QPSK	10MHz	12	38
9720	723.0	QPSK	10MHz	1	0
9720	723.0	QPSK	10MHz	1	49
9720	723.0	QPSK	10MHz	12	0
9720	723.0	QPSK	10MHz	12	38
9710	722.0	QPSK	10MHz	1	0
9710	722.0	QPSK	10MHz	1	49
9710	722.0	QPSK	10MHz	12	0
9710	722.0	QPSK	10MHz	12	38
9720	723.0	QPSK	10MHz	1	0
9720	723.0	QPSK	10MHz	1	49
9720	723.0	QPSK	10MHz	12	0
9720	723.0	QPSK	10MHz	12	38



Inter-Band SCC (B30)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	2307.5	QPSK	5MHz	1	0
27685	2307.5	QPSK	5MHz	1	24
27685	2307.5	QPSK	5MHz	8	0
27685	2307.5	QPSK	5MHz	8	17
27735	2312.5	QPSK	5MHz	1	0
27735	2312.5	QPSK	5MHz	1	24
27735	2312.5	QPSK	5MHz	8	0
27735	2312.5	QPSK	5MHz	8	17
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38



LTE Band4A+5A+30A_DL CA

Test freq. ID	NRB_agg	Maximum	Inter-Band PCC (B4)					
		Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.11	19975	1712.5	QPSK	5MHz	1	0
		23.08	19975	1712.5	QPSK	5MHz	1	24
	Highest	22.84	19975	1712.5	QPSK	5MHz	8	0
		22.81	19975	1712.5	QPSK	5MHz	8	17
High	Lowest	22.95	20375	1752.5	QPSK	5MHz	1	0
		22.78	20375	1752.5	QPSK	5MHz	1	24
	Highest	22.71	20375	1752.5	QPSK	5MHz	8	0
		22.69	20375	1752.5	QPSK	5MHz	8	17
Low	Lowest	23.21	20000	1715.0	QPSK	10MHz	1	0
		23.00	20000	1715.0	QPSK	10MHz	1	49
	Highest	22.87	20000	1715.0	QPSK	10MHz	12	0
		22.84	20000	1715.0	QPSK	10MHz	12	38
High	Lowest	23.21	20350	1750.0	QPSK	10MHz	1	0
		22.90	20350	1750.0	QPSK	10MHz	1	49
	Highest	23.23	20350	1750.0	QPSK	10MHz	12	0
		22.87	20350	1750.0	QPSK	10MHz	12	38
Low	Lowest	23.29	20050	1720.0	QPSK	20MHz	1	0
		23.02	20050	1720.0	QPSK	20MHz	1	99
	Highest	22.89	20050	1720.0	QPSK	20MHz	18	0
		22.84	20050	1720.0	QPSK	20MHz	18	82
High	Lowest	22.94	20300	1745.0	QPSK	20MHz	1	0
		22.81	20300	1745.0	QPSK	20MHz	1	99
	Highest	22.74	20300	1745.0	QPSK	20MHz	18	0
		22.79	20300	1745.0	QPSK	20MHz	18	82



Inter-Band SCC (B5)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20425	826.5	QPSK	5MHz	1	0
20425	826.5	QPSK	5MHz	1	24
20425	826.5	QPSK	5MHz	8	0
20425	826.5	QPSK	5MHz	8	17
20625	846.5	QPSK	5MHz	1	0
20625	846.5	QPSK	5MHz	1	24
20625	846.5	QPSK	5MHz	8	0
20625	846.5	QPSK	5MHz	8	17
20450	829.0	QPSK	10MHz	1	0
20450	829.0	QPSK	10MHz	1	49
20450	829.0	QPSK	10MHz	12	0
20450	829.0	QPSK	10MHz	12	38
20600	844.0	QPSK	10MHz	1	0
20600	844.0	QPSK	10MHz	1	49
20600	844.0	QPSK	10MHz	12	0
20600	844.0	QPSK	10MHz	12	38
20450	829.0	QPSK	10MHz	1	0
20450	829.0	QPSK	10MHz	1	49
20450	829.0	QPSK	10MHz	12	0
20450	829.0	QPSK	10MHz	12	38
20600	844.0	QPSK	10MHz	1	0
20600	844.0	QPSK	10MHz	1	49
20600	844.0	QPSK	10MHz	12	0
20600	844.0	QPSK	10MHz	12	38



Inter-Band SCC (B30)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	2307.5	QPSK	5MHz	1	0
27685	2307.5	QPSK	5MHz	1	24
27685	2307.5	QPSK	5MHz	8	0
27685	2307.5	QPSK	5MHz	8	17
27735	2312.5	QPSK	5MHz	1	0
27735	2312.5	QPSK	5MHz	1	24
27735	2312.5	QPSK	5MHz	8	0
27735	2312.5	QPSK	5MHz	8	17
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38



LTE Band4A+12A+30A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B4)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.12	19975	1712.5	QPSK	5MHz	1	0
		23.08	19975	1712.5	QPSK	5MHz	1	24
	Highest	22.84	19975	1712.5	QPSK	5MHz	8	0
		22.79	19975	1712.5	QPSK	5MHz	8	17
High	Lowest	22.95	20375	1752.5	QPSK	5MHz	1	0
		22.80	20375	1752.5	QPSK	5MHz	1	24
	Highest	22.69	20375	1752.5	QPSK	5MHz	8	0
		22.73	20375	1752.5	QPSK	5MHz	8	17
Low	Lowest	23.20	20000	1715.0	QPSK	10MHz	1	0
		22.99	20000	1715.0	QPSK	10MHz	1	49
	Highest	22.84	20000	1715.0	QPSK	10MHz	12	0
		22.79	20000	1715.0	QPSK	10MHz	12	38
High	Lowest	23.21	20350	1750.0	QPSK	10MHz	1	0
		22.89	20350	1750.0	QPSK	10MHz	1	49
	Highest	22.74	20350	1750.0	QPSK	10MHz	12	0
		22.74	20350	1750.0	QPSK	10MHz	12	38
Low	Lowest	23.27	20050	1720.0	QPSK	20MHz	1	0
		23.02	20050	1720.0	QPSK	20MHz	1	99
	Highest	22.88	20050	1720.0	QPSK	20MHz	18	0
		22.84	20050	1720.0	QPSK	20MHz	18	82
High	Lowest	22.96	20300	1745.0	QPSK	20MHz	1	0
		22.78	20300	1745.0	QPSK	20MHz	1	99
	Highest	22.71	20300	1745.0	QPSK	20MHz	18	0
		22.64	20300	1745.0	QPSK	20MHz	18	82



Inter-Band SCC (B12)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23035	701.5	QPSK	5MHz	1	0
23035	701.5	QPSK	5MHz	1	24
23035	701.5	QPSK	5MHz	8	0
23035	701.5	QPSK	5MHz	8	17
23155	713.5	QPSK	5MHz	1	0
23155	713.5	QPSK	5MHz	1	24
23155	713.5	QPSK	5MHz	8	0
23155	713.5	QPSK	5MHz	8	17
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	49
23060	704.0	QPSK	10MHz	12	0
23060	704.0	QPSK	10MHz	12	38
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	49
23130	711.0	QPSK	10MHz	12	0
23130	711.0	QPSK	10MHz	12	38
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	49
23060	704.0	QPSK	10MHz	12	0
23060	704.0	QPSK	10MHz	12	38
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	49
23130	711.0	QPSK	10MHz	12	0
23130	711.0	QPSK	10MHz	12	38



Inter-Band SCC (B30)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	2307.5	QPSK	5MHz	1	0
27685	2307.5	QPSK	5MHz	1	24
27685	2307.5	QPSK	5MHz	8	0
27685	2307.5	QPSK	5MHz	8	17
27735	2312.5	QPSK	5MHz	1	0
27735	2312.5	QPSK	5MHz	1	24
27735	2312.5	QPSK	5MHz	8	0
27735	2312.5	QPSK	5MHz	8	17
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38



LTE Band2A+4A+5A+30A_DL CA

Test freq. ID	NRB_agg	Maximum	Inter-Band PCC (B2)					
		Average Power (dBm)	EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.30	18625	1852.5	QPSK	5MHz	1	0
		23.35	18625	1852.5	QPSK	5MHz	1	24
	Highest	23.16	18625	1852.5	QPSK	5MHz	8	0
		23.19	18625	1852.5	QPSK	5MHz	8	17
High	Lowest	23.17	19175	1907.5	QPSK	5MHz	1	0
		23.25	19175	1907.5	QPSK	5MHz	1	24
	Highest	23.02	19175	1907.5	QPSK	5MHz	8	0
		22.99	19175	1907.5	QPSK	5MHz	8	17
Low	Lowest	23.27	18650	1855.0	QPSK	10MHz	1	0
		23.30	18650	1855.0	QPSK	10MHz	1	49
	Highest	23.20	18650	1855.0	QPSK	10MHz	12	0
		23.19	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.30	19150	1905.0	QPSK	10MHz	1	0
		23.23	19150	1905.0	QPSK	10MHz	1	49
	Highest	23.14	19150	1905.0	QPSK	10MHz	12	0
		23.12	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.27	18650	1855.0	QPSK	10MHz	1	0
		22.99	18650	1855.0	QPSK	10MHz	1	49
	Highest	23.21	18650	1855.0	QPSK	10MHz	12	0
		23.19	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.30	19150	1905.0	QPSK	10MHz	1	0
		23.26	19150	1905.0	QPSK	10MHz	1	49
	Highest	23.13	19150	1905.0	QPSK	10MHz	12	0
		23.12	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.28	18700	1860.0	QPSK	20MHz	1	0
		23.20	18700	1860.0	QPSK	20MHz	1	99
	Highest	23.10	18700	1860.0	QPSK	20MHz	18	0
		23.03	18700	1860.0	QPSK	20MHz	18	82



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B2)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
High	Lowest	23.07	19100	1900.0	QPSK	20MHz	1	0
		23.20	19100	1900.0	QPSK	20MHz	1	99
	Highest	23.05	19100	1900.0	QPSK	20MHz	18	0
		23.05	19100	1900.0	QPSK	20MHz	18	82



Inter-Band SCC (B4)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19975	1712.5	QPSK	5MHz	1	0
19975	1712.5	QPSK	5MHz	1	24
19975	1712.5	QPSK	5MHz	8	0
19975	1712.5	QPSK	5MHz	8	17
20375	1752.5	QPSK	5MHz	1	0
20375	1752.5	QPSK	5MHz	1	24
20375	1752.5	QPSK	5MHz	8	0
20375	1752.5	QPSK	5MHz	8	17
20000	1715.0	QPSK	10MHz	1	0
20000	1715.0	QPSK	10MHz	1	49
20000	1715.0	QPSK	10MHz	12	0
20000	1715.0	QPSK	10MHz	12	38
20350	1750.0	QPSK	10MHz	1	0
20350	1750.0	QPSK	10MHz	1	49
20350	1750.0	QPSK	10MHz	12	0
20350	1750.0	QPSK	10MHz	12	38
20050	1720.0	QPSK	20MHz	1	0
20050	1720.0	QPSK	20MHz	1	99
20050	1720.0	QPSK	20MHz	18	0
20050	1720.0	QPSK	20MHz	18	82
20300	1745.0	QPSK	20MHz	1	0
20300	1745.0	QPSK	20MHz	1	99
20300	1745.0	QPSK	20MHz	18	0
20300	1745.0	QPSK	20MHz	18	82
20050	1720.0	QPSK	20MHz	1	0
20050	1720.0	QPSK	20MHz	1	99
20050	1720.0	QPSK	20MHz	18	0
20050	1720.0	QPSK	20MHz	18	82



Inter-Band SCC (B4)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20300	1745.0	QPSK	20MHz	1	0
20300	1745.0	QPSK	20MHz	1	99
20300	1745.0	QPSK	20MHz	18	0
20300	1745.0	QPSK	20MHz	18	82



Inter-Band SCC (B5)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20425	826.5	QPSK	5MHz	1	0
20425	826.5	QPSK	5MHz	1	24
20425	826.5	QPSK	5MHz	8	0
20425	826.5	QPSK	5MHz	8	17
20625	846.5	QPSK	5MHz	1	0
20625	846.5	QPSK	5MHz	1	24
20625	846.5	QPSK	5MHz	8	0
20625	846.5	QPSK	5MHz	8	17
20450	829.0	QPSK	10MHz	1	0
20450	829.0	QPSK	10MHz	1	49
20450	829.0	QPSK	10MHz	12	0
20450	829.0	QPSK	10MHz	12	38
20600	844.0	QPSK	10MHz	1	0
20600	844.0	QPSK	10MHz	1	49
20600	844.0	QPSK	10MHz	12	0
20600	844.0	QPSK	10MHz	12	38
20425	826.5	QPSK	5MHz	1	0
20425	826.5	QPSK	5MHz	1	99
20425	826.5	QPSK	5MHz	18	0
20425	826.5	QPSK	5MHz	18	82
20625	846.5	QPSK	5MHz	1	0
20625	846.5	QPSK	5MHz	1	99
20625	846.5	QPSK	5MHz	18	0
20625	846.5	QPSK	5MHz	18	82
20450	829.0	QPSK	10MHz	1	0
20450	829.0	QPSK	10MHz	1	99
20450	829.0	QPSK	10MHz	18	0
20450	829.0	QPSK	10MHz	18	82



Inter-Band SCC (B5)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20600	844.0	QPSK	10MHz	1	0
20600	844.0	QPSK	10MHz	1	99
20600	844.0	QPSK	10MHz	18	0
20600	844.0	QPSK	10MHz	18	82



Inter-Band SCC (B30)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	2307.5	QPSK	5MHz	1	0
27685	2307.5	QPSK	5MHz	1	24
27685	2307.5	QPSK	5MHz	8	0
27685	2307.5	QPSK	5MHz	8	17
27735	2312.5	QPSK	5MHz	1	0
27735	2312.5	QPSK	5MHz	1	24
27735	2312.5	QPSK	5MHz	8	0
27735	2312.5	QPSK	5MHz	8	17
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27685	2307.5	QPSK	5MHz	1	0
27685	2307.5	QPSK	5MHz	1	99
27685	2307.5	QPSK	5MHz	18	0
27685	2307.5	QPSK	5MHz	18	82
27735	2312.5	QPSK	5MHz	1	0
27735	2312.5	QPSK	5MHz	1	99
27735	2312.5	QPSK	5MHz	18	0
27735	2312.5	QPSK	5MHz	18	82



Inter-Band SCC (B30)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	99
27710	2310.0	QPSK	10MHz	18	0
27710	2310.0	QPSK	10MHz	18	82
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	99
27710	2310.0	QPSK	10MHz	18	0
27710	2310.0	QPSK	10MHz	18	82



LTE Band2A+4A+12A+30A_DL CA

Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B2)					
			EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
Low	Lowest	23.32	18625	1852.5	QPSK	5MHz	1	0
		23.36	18625	1852.5	QPSK	5MHz	1	24
	Highest	23.17	18625	1852.5	QPSK	5MHz	8	0
		23.18	18625	1852.5	QPSK	5MHz	8	17
High	Lowest	23.16	19175	1907.5	QPSK	5MHz	1	0
		23.25	19175	1907.5	QPSK	5MHz	1	24
	Highest	23.04	19175	1907.5	QPSK	5MHz	8	0
		23.01	19175	1907.5	QPSK	5MHz	8	17
Low	Lowest	23.25	18650	1855.0	QPSK	10MHz	1	0
		23.29	18650	1855.0	QPSK	10MHz	1	49
	Highest	23.19	18650	1855.0	QPSK	10MHz	12	0
		23.18	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.31	19150	1905.0	QPSK	10MHz	1	0
		23.26	19150	1905.0	QPSK	10MHz	1	49
	Highest	23.17	19150	1905.0	QPSK	10MHz	12	0
		23.11	19150	1905.0	QPSK	10MHz	12	38
Low	Lowest	23.28	18650	1855.0	QPSK	10MHz	1	0
		23.29	18650	1855.0	QPSK	10MHz	1	49
	Highest	23.24	18650	1855.0	QPSK	10MHz	12	0
		23.22	18650	1855.0	QPSK	10MHz	12	38
High	Lowest	23.27	19150	1905.0	QPSK	10MHz	1	0
		23.26	19150	1905.0	QPSK	10MHz	1	49
	Highest	23.17	19150	1905.0	QPSK	10MHz	12	0
		23.12	19150	1905.0	QPSK	10MHz	12	38



Test freq. ID	NRB_agg	Maximum Average Power (dBm)	Inter-Band PCC (B2)					# of Resource Blocks	Resource Block Offset
			EARFCN	Freq. (MHz)	Modulation	Bandwidth			
Low	Lowest	23.28	18700	1860.0	QPSK	20MHz	1	0	
		23.20	18700	1860.0	QPSK	20MHz	1	99	
	Highest	23.14	18700	1860.0	QPSK	20MHz	18	0	
		23.07	18700	1860.0	QPSK	20MHz	18	82	
High	Lowest	23.09	19100	1900.0	QPSK	20MHz	1	0	
		23.24	19100	1900.0	QPSK	20MHz	1	99	
	Highest	23.07	19100	1900.0	QPSK	20MHz	18	0	
		23.01	19100	1900.0	QPSK	20MHz	18	82	



Inter-Band SCC (B4)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
19975	1712.5	QPSK	5MHz	1	0
19975	1712.5	QPSK	5MHz	1	24
19975	1712.5	QPSK	5MHz	8	0
19975	1712.5	QPSK	5MHz	8	17
20375	1752.5	QPSK	5MHz	1	0
20375	1752.5	QPSK	5MHz	1	24
20375	1752.5	QPSK	5MHz	8	0
20375	1752.5	QPSK	5MHz	8	17
20000	1715.0	QPSK	10MHz	1	0
20000	1715.0	QPSK	10MHz	1	49
20000	1715.0	QPSK	10MHz	12	0
20000	1715.0	QPSK	10MHz	12	38
20350	1750.0	QPSK	10MHz	1	0
20350	1750.0	QPSK	10MHz	1	49
20350	1750.0	QPSK	10MHz	12	0
20350	1750.0	QPSK	10MHz	12	38
20050	1720.0	QPSK	20MHz	1	0
20050	1720.0	QPSK	20MHz	1	99
20050	1720.0	QPSK	20MHz	18	0
20050	1720.0	QPSK	20MHz	18	82
20300	1745.0	QPSK	20MHz	1	0
20300	1745.0	QPSK	20MHz	1	99
20300	1745.0	QPSK	20MHz	18	0
20300	1745.0	QPSK	20MHz	18	82



Inter-Band SCC (B4)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
20050	1720.0	QPSK	20MHz	1	0
20050	1720.0	QPSK	20MHz	1	99
20050	1720.0	QPSK	20MHz	18	0
20050	1720.0	QPSK	20MHz	18	82
20300	1745.0	QPSK	20MHz	1	0
20300	1745.0	QPSK	20MHz	1	99
20300	1745.0	QPSK	20MHz	18	0
20300	1745.0	QPSK	20MHz	18	82



Inter-Band SCC (B12)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23035	701.5	QPSK	5MHz	1	0
23035	701.5	QPSK	5MHz	1	24
23035	701.5	QPSK	5MHz	8	0
23035	701.5	QPSK	5MHz	8	17
23155	713.5	QPSK	5MHz	1	0
23155	713.5	QPSK	5MHz	1	24
23155	713.5	QPSK	5MHz	8	0
23155	713.5	QPSK	5MHz	8	17
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	49
23060	704.0	QPSK	10MHz	12	0
23060	704.0	QPSK	10MHz	12	38
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	49
23130	711.0	QPSK	10MHz	12	0
23130	711.0	QPSK	10MHz	12	38
23035	701.5	QPSK	5MHz	1	0
23035	701.5	QPSK	5MHz	1	99
23035	701.5	QPSK	5MHz	18	0
23035	701.5	QPSK	5MHz	18	82
23155	713.5	QPSK	5MHz	1	0
23155	713.5	QPSK	5MHz	1	99
23155	713.5	QPSK	5MHz	18	0
23155	713.5	QPSK	5MHz	18	82
23060	704.0	QPSK	10MHz	1	0
23060	704.0	QPSK	10MHz	1	99
23060	704.0	QPSK	10MHz	18	0
23060	704.0	QPSK	10MHz	18	82



Inter-Band SCC (B12)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
23130	711.0	QPSK	10MHz	1	0
23130	711.0	QPSK	10MHz	1	99
23130	711.0	QPSK	10MHz	18	0
23130	711.0	QPSK	10MHz	18	82



Inter-Band SCC (B30)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27685	2307.5	QPSK	5MHz	1	0
27685	2307.5	QPSK	5MHz	1	24
27685	2307.5	QPSK	5MHz	8	0
27685	2307.5	QPSK	5MHz	8	17
27735	2312.5	QPSK	5MHz	1	0
27735	2312.5	QPSK	5MHz	1	24
27735	2312.5	QPSK	5MHz	8	0
27735	2312.5	QPSK	5MHz	8	17
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	49
27710	2310.0	QPSK	10MHz	12	0
27710	2310.0	QPSK	10MHz	12	38
27685	2307.5	QPSK	5MHz	1	0
27685	2307.5	QPSK	5MHz	1	99
27685	2307.5	QPSK	5MHz	18	0
27685	2307.5	QPSK	5MHz	18	82
27735	2312.5	QPSK	5MHz	1	0
27735	2312.5	QPSK	5MHz	1	99
27735	2312.5	QPSK	5MHz	18	0
27735	2312.5	QPSK	5MHz	18	82



Inter-Band SCC (B30)					
EARFCN	Freq. (MHz)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	99
27710	2310.0	QPSK	10MHz	18	0
27710	2310.0	QPSK	10MHz	18	82
27710	2310.0	QPSK	10MHz	1	0
27710	2310.0	QPSK	10MHz	1	99
27710	2310.0	QPSK	10MHz	18	0
27710	2310.0	QPSK	10MHz	18	82



Effective Radiated Power / Equivalent Isotropic Radiated Power

Band 2								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dBm)	E.I.R.P.		Limit (W)
						(dBm)	(W)	
1.4M	QPSK	1850.7	H	11.57	9.85	21.42	0.139	< 2
			V	13.17	9.85	23.02	0.200	< 2
		1880.0	H	11.39	9.97	21.36	0.137	< 2
			V	12.92	9.98	22.90	0.195	< 2
	1909.3	H	11.19	10.09	21.28	0.134	< 2	
		V	12.96	10.09	23.05	0.202	< 2	
16QAM	1880.0	H	9.59	9.98	19.57	0.091	< 2	
		V	11.10	9.98	21.08	0.128	< 2	
3M	QPSK	1851.5	H	11.72	9.85	21.57	0.144	< 2
			V	13.57	9.85	23.42	0.220	< 2
		1880.0	H	11.48	9.97	21.45	0.140	< 2
			V	13.27	9.97	23.24	0.211	< 2
	1908.5	H	11.11	10.09	21.20	0.132	< 2	
		V	12.98	10.09	23.07	0.203	< 2	
16QAM	1880.0	H	9.96	9.97	19.93	0.098	< 2	
		V	11.37	9.97	21.34	0.136	< 2	
5M	QPSK	1852.5	H	11.75	9.85	21.60	0.145	< 2
			V	13.57	9.85	23.42	0.220	< 2
		1880.0	H	11.37	9.97	21.34	0.136	< 2
			V	13.34	9.97	23.31	0.214	< 2
	1907.5	H	11.41	10.08	21.49	0.141	< 2	
		V	13.38	10.08	23.46	0.222	< 2	
16QAM	1880.0	H	9.88	9.97	19.85	0.097	< 2	
		V	11.54	9.97	21.51	0.142	< 2	
10M	QPSK	1855.0	H	11.49	9.85	21.34	0.136	< 2
			V	13.52	9.85	23.37	0.217	< 2
		1880.0	H	11.48	9.96	21.44	0.139	< 2
			V	13.34	9.96	23.30	0.214	< 2
	1905.0	H	11.61	10.06	21.67	0.147	< 2	
		V	13.12	10.06	23.18	0.208	< 2	
16QAM	1880.0	H	9.71	9.96	19.67	0.093	< 2	
		V	11.61	9.96	21.57	0.144	< 2	
15M	QPSK	1857.5	H	11.56	9.85	21.41	0.138	< 2
			V	13.62	9.85	23.47	0.222	< 2
		1880.0	H	11.70	9.95	21.65	0.146	< 2
			V	13.56	9.95	23.51	0.224	< 2
	1902.5	H	11.37	10.04	21.41	0.138	< 2	
		V	13.34	10.04	23.38	0.218	< 2	
16QAM	1880.0	H	9.86	9.95	19.81	0.096	< 2	
		V	11.87	9.95	21.82	0.152	< 2	
20M	QPSK	1860.0	H	11.57	9.86	21.43	0.139	< 2
			V	13.65	9.86	23.51	0.224	< 2
		1880.0	H	11.19	9.94	21.13	0.130	< 2
			V	13.49	9.93	23.42	0.220	< 2
	1900.0	H	11.15	10.03	21.18	0.131	< 2	
		V	13.26	10.03	23.29	0.213	< 2	
16QAM	1880.0	H	9.53	9.93	19.46	0.088	< 2	
		V	11.91	9.93	21.84	0.153	< 2	



Band 4								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dBm)	E.I.R.P.		Limit (W)
						(dBm)	(W)	
1.4M	QPSK	1710.7	H	12.19	9.26	21.45	0.140	< 1
			V	14.15	9.26	23.41	0.219	< 1
		1732.5	H	11.99	9.36	21.35	0.136	< 1
			V	14.12	9.36	23.48	0.223	< 1
	1754.3	H	11.92	9.45	21.37	0.137	< 1	
		V	13.74	9.45	23.19	0.208	< 1	
16QAM	1732.5	H	10.49	9.36	19.85	0.097	< 1	
V		12.52	9.36	21.88	0.154	< 1		
3M	QPSK	1711.5	H	12.11	9.26	21.37	0.137	< 1
			V	14.02	9.26	23.28	0.213	< 1
		1732.5	H	11.87	9.36	21.23	0.133	< 1
			V	13.98	9.36	23.34	0.216	< 1
	1753.5	H	11.75	9.43	21.18	0.131	< 1	
		V	13.78	9.43	23.21	0.209	< 1	
16QAM	1732.5	H	10.46	9.36	19.82	0.096	< 1	
V		12.34	9.34	21.68	0.147	< 1		
5M	QPSK	1712.5	H	12.24	9.26	21.50	0.141	< 1
			V	14.26	9.26	23.52	0.225	< 1
		1732.5	H	12.01	9.34	21.35	0.136	< 1
			V	13.97	9.34	23.31	0.214	< 1
	1752.5	H	11.95	9.43	21.38	0.137	< 1	
		V	13.75	9.43	23.18	0.208	< 1	
16QAM	1732.5	H	10.41	9.34	19.75	0.094	< 1	
V		12.18	9.34	21.52	0.142	< 1		
10M	QPSK	1715.0	H	12.21	9.26	21.47	0.140	< 1
			V	14.41	9.26	23.67	0.233	< 1
		1732.5	H	12.17	9.33	21.50	0.141	< 1
			V	14.20	9.33	23.53	0.225	< 1
	1750.0	H	11.99	9.41	21.40	0.138	< 1	
		V	13.93	9.41	23.34	0.216	< 1	
16QAM	1732.5	H	10.47	9.33	19.80	0.095	< 1	
V		12.42	9.33	21.75	0.150	< 1		
15M	QPSK	1717.5	H	12.49	9.26	21.75	0.150	< 1
			V	14.26	9.26	23.52	0.225	< 1
		1732.5	H	12.26	9.33	21.59	0.144	< 1
			V	14.00	9.33	23.33	0.215	< 1
	1747.5	H	11.95	9.40	21.35	0.136	< 1	
		V	13.93	9.38	23.31	0.214	< 1	
16QAM	1732.5	H	10.39	9.33	19.72	0.094	< 1	
V		12.25	9.33	21.58	0.144	< 1		
20M	QPSK	1720.0	H	12.26	9.25	21.51	0.142	< 1
			V	14.36	9.26	23.62	0.230	< 1
		1732.5	H	12.05	9.31	21.36	0.137	< 1
			V	13.98	9.31	23.29	0.213	< 1
	1745.0	H	11.89	9.36	21.25	0.133	< 1	
		V	14.08	9.36	23.44	0.221	< 1	
16QAM	1732.5	H	10.37	9.31	19.68	0.093	< 1	
V		12.15	9.31	21.46	0.140	< 1		



Band 5								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dBm)	E.R.P.		Limit (W)
						(dBm)	(W)	
1.4M	QPSK	824.7	H	9.91	10.89	20.80	0.120	< 7
			V	11.90	10.91	22.81	0.191	< 7
		836.5	H	10.05	11.10	21.15	0.130	< 7
			V	11.94	11.09	23.03	0.201	< 7
		848.3	H	9.74	11.28	21.02	0.126	< 7
			V	11.89	11.28	23.17	0.207	< 7
	16QAM	836.5	H	8.23	11.10	19.33	0.086	< 7
			V	10.23	11.09	21.32	0.136	< 7
3M	QPSK	825.5	H	9.87	10.89	20.76	0.119	< 7
			V	11.89	10.89	22.78	0.190	< 7
		836.5	H	9.79	11.07	20.86	0.122	< 7
			V	11.92	11.07	22.99	0.199	< 7
		847.5	H	9.83	11.24	21.07	0.128	< 7
			V	11.81	11.24	23.05	0.202	< 7
	16QAM	836.5	H	8.01	11.07	19.08	0.081	< 7
			V	10.25	11.07	21.32	0.136	< 7
5M	QPSK	826.5	H	10.09	10.91	21.00	0.126	< 7
			V	12.14	10.90	23.04	0.201	< 7
		836.5	H	9.89	11.07	20.96	0.125	< 7
			V	11.91	11.07	22.98	0.199	< 7
		846.5	H	9.84	11.21	21.05	0.127	< 7
			V	11.92	11.21	23.13	0.206	< 7
	16QAM	836.5	H	8.01	11.07	19.08	0.081	< 7
			V	10.10	11.07	21.17	0.131	< 7
10M	QPSK	829.0	H	10.23	10.91	21.14	0.130	< 7
			V	12.13	10.91	23.04	0.201	< 7
		836.5	H	10.06	11.03	21.09	0.129	< 7
			V	12.14	11.04	23.18	0.208	< 7
		844.0	H	10.10	11.15	21.25	0.133	< 7
			V	11.95	11.14	23.09	0.204	< 7
	16QAM	836.5	H	8.20	11.04	19.24	0.084	< 7
			V	10.34	11.03	21.37	0.137	< 7



Band 7								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dBm)	E.I.R.P.		Limit (W)
						(dBm)	(W)	
5M	QPSK	2502.5	H	9.10	12.51	21.61	0.145	< 2
			V	11.10	12.51	23.61	0.230	< 2
		2535.0	H	8.69	12.59	21.28	0.134	< 2
			V	10.79	12.59	23.38	0.218	< 2
		2567.5	H	8.44	12.69	21.13	0.130	< 2
			V	10.61	12.69	23.30	0.214	< 2
16QAM	2535.0	H	6.85	12.59	19.44	0.088	< 2	
		V	9.03	12.59	21.62	0.145	< 2	
10M	QPSK	2505.0	H	9.02	12.51	21.53	0.142	< 2
			V	11.05	12.51	23.56	0.227	< 2
		2535.0	H	8.87	12.60	21.47	0.140	< 2
			V	10.76	12.60	23.36	0.217	< 2
		2565.0	H	8.49	12.68	21.17	0.131	< 2
			V	10.58	12.67	23.25	0.211	< 2
16QAM	2535.0	H	6.94	12.60	19.54	0.090	< 2	
		V	8.85	12.60	21.45	0.140	< 2	
15M	QPSK	2507.5	H	8.84	12.51	21.35	0.136	< 2
			V	10.59	12.51	23.10	0.204	< 2
		2535.0	H	8.82	12.59	21.41	0.138	< 2
			V	10.61	12.59	23.20	0.209	< 2
		2562.5	H	8.56	12.66	21.22	0.132	< 2
			V	10.50	12.66	23.16	0.207	< 2
16QAM	2535.0	H	7.11	12.59	19.70	0.093	< 2	
		V	8.86	12.59	21.45	0.140	< 2	
20M	QPSK	2510.0	H	8.64	12.51	21.15	0.130	< 2
			V	10.71	12.51	23.22	0.210	< 2
		2535.0	H	8.51	12.57	21.08	0.128	< 2
			V	10.44	12.57	23.01	0.200	< 2
		2560.0	H	8.80	12.65	21.45	0.140	< 2
			V	10.66	12.65	23.31	0.214	< 2
16QAM	2535.0	H	6.61	12.57	19.18	0.083	< 2	
		V	8.68	12.57	21.25	0.133	< 2	



Band 12								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dBm)	E.R.P.		Limit (W)
						(dBm)	(W)	
1.4M	QPSK	699.7	H	12.00	8.88	20.88	0.122	< 3
			V	14.02	8.88	22.90	0.195	< 3
		707.5	H	11.81	9.03	20.84	0.121	< 3
			V	13.86	9.03	22.89	0.195	< 3
		715.3	H	11.50	9.17	20.67	0.117	< 3
			V	13.55	9.16	22.71	0.187	< 3
	16QAM	707.5	H	10.29	9.03	19.32	0.086	< 3
			V	12.04	9.03	21.07	0.128	< 3
3M	QPSK	700.5	H	12.14	8.88	21.02	0.126	< 3
			V	14.06	8.88	22.94	0.197	< 3
		707.5	H	12.17	9.00	21.17	0.131	< 3
			V	14.05	9.00	23.05	0.202	< 3
		714.5	H	11.96	9.13	21.09	0.129	< 3
			V	13.89	9.14	23.03	0.201	< 3
	16QAM	707.5	H	10.18	8.99	19.17	0.083	< 3
			V	12.24	9.00	21.24	0.133	< 3
5M	QPSK	701.5	H	12.26	8.88	21.14	0.130	< 3
			V	14.14	8.88	23.02	0.200	< 3
		707.5	H	12.19	8.98	21.17	0.131	< 3
			V	14.01	8.99	23.00	0.200	< 3
		713.5	H	11.95	9.09	21.04	0.127	< 3
			V	13.94	9.10	23.04	0.201	< 3
	16QAM	707.5	H	10.18	8.98	19.16	0.082	< 3
			V	12.15	8.99	21.14	0.130	< 3
10M	QPSK	704.0	H	12.25	8.88	21.13	0.130	< 3
			V	13.98	8.89	22.87	0.194	< 3
		707.5	H	12.15	8.95	21.10	0.129	< 3
			V	14.12	8.95	23.07	0.203	< 3
		711.0	H	12.03	9.01	21.04	0.127	< 3
			V	13.98	9.01	22.99	0.199	< 3
	16QAM	707.5	H	10.63	8.95	19.58	0.091	< 3
			V	12.43	8.95	21.38	0.137	< 3



Band 30								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dBm)	E.I.R.P.		Limit (W)
						(dBm)	(W)	
5M	QPSK	2307.5	V	8.45	11.72	20.17	0.104	< 0.25 /5MHz
			V	9.75	11.73	21.48	0.141	< 0.25 /5MHz
		2310.0	H	8.19	11.73	19.92	0.098	< 0.25 /5MHz
			V	9.72	11.73	21.45	0.140	< 0.25 /5MHz
		2312.5	H	8.49	11.75	20.24	0.106	< 0.25 /5MHz
			V	9.74	11.75	21.49	0.141	< 0.25 /5MHz
	16QAM	2310.0	H	6.54	11.73	18.27	0.067	< 0.25 /5MHz
			V	8.34	11.73	20.07	0.102	< 0.25 /5MHz
10M	QPSK	2310.0	H	8.62	11.73	20.35	0.108	< 0.25 /5MHz
			V	10.51	11.72	22.23	0.167	< 0.25 /5MHz
	16QAM	2310.0	H	7.09	11.73	18.82	0.076	< 0.25 /5MHz
			V	8.66	11.72	20.38	0.109	< 0.25 /5MHz



Band 66								
Channel Bandwidth	Modulation	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction Factor (dBm)	E.I.R.P.		Limit (W)
						(dBm)	(W)	
1.4M	QPSK	131979.0	H	12.10	9.26	21.36	0.137	< 1
			V	14.01	9.26	23.27	0.212	< 1
		132197.0	H	11.83	9.36	21.19	0.132	< 1
			V	14.17	9.36	23.53	0.225	< 1
	132415.0	H	11.77	9.45	21.22	0.132	< 1	
		V	13.87	9.45	23.32	0.215	< 1	
16QAM	132197.0	H	10.27	9.36	19.63	0.092	< 1	
		V	12.26	9.36	21.62	0.145	< 1	
3M	QPSK	131987.0	H	12.16	9.26	21.42	0.139	< 1
			V	13.90	9.26	23.16	0.207	< 1
		132197.0	H	12.05	9.36	21.41	0.138	< 1
			V	14.11	9.36	23.47	0.222	< 1
	132407.0	H	11.84	9.43	21.27	0.134	< 1	
		V	13.95	9.43	23.38	0.218	< 1	
16QAM	132197.0	H	10.25	9.36	19.61	0.091	< 1	
		V	12.12	9.34	21.46	0.140	< 1	
5M	QPSK	131997.0	H	12.22	9.26	21.48	0.141	< 1
			V	14.35	9.26	23.61	0.230	< 1
		132197.0	H	12.15	9.34	21.49	0.141	< 1
			V	14.16	9.34	23.50	0.224	< 1
	132397.0	H	11.97	9.43	21.40	0.138	< 1	
		V	13.95	9.43	23.38	0.218	< 1	
16QAM	132197.0	H	10.23	9.34	19.57	0.091	< 1	
		V	12.00	9.34	21.34	0.136	< 1	
10M	QPSK	132022.0	H	12.09	9.26	21.35	0.136	< 1
			V	14.20	9.26	23.46	0.222	< 1
		132197.0	H	11.96	9.33	21.29	0.135	< 1
			V	13.96	9.33	23.29	0.213	< 1
	132372.0	H	12.11	9.42	21.53	0.142	< 1	
		V	14.01	9.41	23.42	0.220	< 1	
16QAM	132197.0	H	10.27	9.33	19.60	0.091	< 1	
		V	12.33	9.33	21.66	0.147	< 1	
15M	QPSK	132047.0	H	12.55	9.26	21.81	0.152	< 1
			V	14.35	9.26	23.61	0.230	< 1
		132197.0	H	12.06	9.33	21.39	0.138	< 1
			V	13.95	9.33	23.28	0.213	< 1
	132347.0	H	12.12	9.40	21.52	0.142	< 1	
		V	14.08	9.38	23.46	0.222	< 1	
16QAM	132197.0	H	10.20	9.33	19.53	0.090	< 1	
		V	12.14	9.33	21.47	0.140	< 1	
20M	QPSK	132072.0	H	12.23	9.25	21.48	0.141	< 1
			V	14.43	9.26	23.69	0.234	< 1
		132197.0	H	12.14	9.31	21.45	0.140	< 1
			V	13.79	9.32	23.11	0.205	< 1
	132322.0	H	11.87	9.37	21.24	0.133	< 1	
		V	13.91	9.36	23.27	0.212	< 1	
16QAM	132197.0	H	10.32	9.31	19.63	0.092	< 1	
		V	12.09	9.32	21.41	0.138	< 1	



Radiated Emission

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1850.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_1.4M_QPSK_CH18607	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3701.400	-54.28	2.76	-51.52	-13.00	-38.52	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1850.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_1.4M_QPSK_CH18607	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3701.400	-55.57	2.76	-52.81	-13.00	-39.81	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_1.4M_QPSK_CH18900	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-55.40	2.88	-52.52	-13.00	-39.52	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_1.4M_QPSK_CH18900	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-57.21	2.88	-54.33	-13.00	-41.33	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1909.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_1.4M_QPSK_CH19193	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3818.600	-56.08	3.01	-53.07	-13.00	-40.07	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1909.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_1.4M_QPSK_CH19193	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3818.600	-55.03	3.01	-52.02	-13.00	-39.02	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_1.4M-16-QAM_CH18900	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-55.65	2.88	-52.77	-13.00	-39.77	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_1.4M-16-QAM_CH18900	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-53.73	2.88	-50.85	-13.00	-37.85	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1851.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_3M_QPSK_CH18615	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3703.000	-57.04	2.76	-54.28	-13.00	-41.28	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1851.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_3M_QPSK_CH18615	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3703.000	-55.71	2.76	-52.95	-13.00	-39.95	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_3M_QPSK_CH18900	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-57.01	2.88	-54.13	-13.00	-41.13	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_3M_QPSK_CH18900	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-57.22	2.88	-54.34	-13.00	-41.34	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1908.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_3M_QPSK_CH19185	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3817.000	-57.33	3.01	-54.32	-13.00	-41.32	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1908.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_3M_QPSK_CH19185	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3817.000	-55.21	3.01	-52.20	-13.00	-39.20	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_3M-16QAM_CH18900	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-58.27	2.88	-55.39	-13.00	-42.39	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_3M-16QAM_CH18900	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-56.13	2.88	-53.25	-13.00	-40.25	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1852.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_5M_QPSK_CH18625	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3705.000	-56.31	2.76	-53.55	-13.00	-40.55	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1852.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_5M_QPSK_CH18625	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3705.000	-56.10	2.76	-53.34	-13.00	-40.34	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_5M_QPSK_CH18900	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-54.51	2.88	-51.63	-13.00	-38.63	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_5M_QPSK_CH18900	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-56.29	2.88	-53.41	-13.00	-40.41	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1907.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_5M_QPSK_CH19175	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3815.000	-56.79	3.00	-53.79	-13.00	-40.79	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1907.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_5M_QPSK_CH19175	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3815.000	-56.01	3.00	-53.01	-13.00	-40.01	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_5M-16QAM_CH18900	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-57.04	2.88	-54.16	-13.00	-41.16	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_5M-16QAM_CH18900	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-57.73	2.88	-54.85	-13.00	-41.85	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1855MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_10M_QPSK_CH18650	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3710.000	-56.59	2.78	-53.81	-13.00	-40.81	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1855MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_10M_QPSK_CH18650	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3710.000	-55.79	2.78	-53.01	-13.00	-40.01	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_10M_QPSK_CH18900	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-56.30	2.88	-53.42	-13.00	-40.42	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_10M_QPSK_CH18900	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-57.06	2.88	-54.18	-13.00	-41.18	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1905MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_10M_QPSK_CH19150	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3810.000	-55.75	2.99	-52.76	-13.00	-39.76	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1905MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_10M_QPSK_CH19150	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3810.000	-54.50	2.99	-51.51	-13.00	-38.51	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_10M-16QAM_CH18900	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-56.86	2.88	-53.98	-13.00	-40.98	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_10M-16QAM_CH18900	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-55.58	2.88	-52.70	-13.00	-39.70	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1857.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_15M_QPSK_CH18675	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3715.000	-56.09	2.78	-53.31	-13.00	-40.31	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1857.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_15M_QPSK_CH18675	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3715.000	-55.83	2.78	-53.05	-13.00	-40.05	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_15M_QPSK_CH18900	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-57.44	2.88	-54.56	-13.00	-41.56	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_15M_QPSK_CH18900	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-57.18	2.88	-54.30	-13.00	-41.30	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1902.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_15M_QPSK_CH19125	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3805.000	-54.99	2.98	-52.01	-13.00	-39.01	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1902.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_15M_QPSK_CH19125	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3805.000	-55.56	2.98	-52.58	-13.00	-39.58	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_15M-16QAM_CH18900	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-55.59	2.88	-52.71	-13.00	-39.71	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_15M-16QAM_CH18900	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-55.43	2.88	-52.55	-13.00	-39.55	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1860MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_20M_QPSK_CH18700	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3720.000	-56.47	2.79	-53.68	-13.00	-40.68	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1860MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_20M_QPSK_CH18700	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3720.000	-55.53	2.79	-52.74	-13.00	-39.74	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_20M_QPSK_CH18900	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-55.96	2.88	-53.08	-13.00	-40.08	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_20M_QPSK_CH18900	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-56.63	2.88	-53.75	-13.00	-40.75	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1900MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_20M_QPSK_CH19100	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3800.000	-55.86	2.97	-52.89	-13.00	-39.89	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1900MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_20M_QPSK_CH19100	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3800.000	-55.56	2.97	-52.59	-13.00	-39.59	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_20M-16QAM_CH18900	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-55.54	2.88	-52.66	-13.00	-39.66	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 2_20M-16QAM_CH18900	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-56.50	2.88	-53.62	-13.00	-40.62	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1710.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_1.4M_QPSK_CH19957	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3421.400	-55.76	1.97	-53.79	-13.00	-40.79	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1710.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_1.4M_QPSK_CH19957	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3421.400	-54.02	1.97	-52.05	-13.00	-39.05	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_1.4M_QPSK_CH20175	Date:	08/13/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-54.43	2.16	-52.27	-13.00	-39.27	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_1.4M_QPSK_CH20175	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.21	2.16	-53.05	-13.00	-40.05	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1754.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_1.4M_QPSK_CH20393	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3508.600	-57.26	2.33	-54.93	-13.00	-41.93	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1754.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_1.4M_QPSK_CH20393	Date:	08/13/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3508.600	-54.96	2.33	-52.63	-13.00	-39.63	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_1.4M-16QAM_CH20175	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-56.84	2.16	-54.68	-13.00	-41.68	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_1.4M-16QAM_CH20175	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-54.14	2.16	-51.98	-13.00	-38.98	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1711.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_3M_QPSK_CH19965	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3423.000	-53.48	1.97	-51.51	-13.00	-38.51	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1711.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_3M_QPSK_CH19965	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3423.000	-55.13	1.97	-53.16	-13.00	-40.16	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_3M_QPSK_CH20175	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-54.14	2.16	-51.98	-13.00	-38.98	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_3M_QPSK_CH20175	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-56.01	2.16	-53.85	-13.00	-40.85	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1753.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_3M_QPSK_CH20385	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3507.000	-56.77	2.33	-54.44	-13.00	-41.44	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1753.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_3M_QPSK_CH20385	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3507.000	-55.20	2.33	-52.87	-13.00	-39.87	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_3M-16QAM_CH20175	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.83	2.16	-53.67	-13.00	-40.67	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_3M-16QAM_CH20175	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-56.14	2.16	-53.98	-13.00	-40.98	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1712.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_5M_QPSK_CH19975	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3425.000	-55.82	1.98	-53.84	-13.00	-40.84	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1712.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_5M_QPSK_CH19975	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3425.000	-55.51	1.98	-53.53	-13.00	-40.53	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_5M_QPSK_CH20175	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-57.31	2.16	-55.15	-13.00	-42.15	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_5M_QPSK_CH20175	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.77	2.16	-53.61	-13.00	-40.61	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1752.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_5M_QPSK_CH20375	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3505.000	-59.92	2.32	-57.60	-13.00	-44.60	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1752.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_5M_QPSK_CH20375	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3505.000	-57.13	2.32	-54.81	-13.00	-41.81	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_5M-16QAM_CH20175	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-56.34	2.16	-54.18	-13.00	-41.18	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_5M-16QAM_CH20175	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-56.10	2.16	-53.94	-13.00	-40.94	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1715MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_10M_QPSK_CH20000	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3430.000	-53.96	2.00	-51.96	-13.00	-38.96	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1715MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_10M_QPSK_CH20000	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3430.000	-56.14	2.00	-54.14	-13.00	-41.14	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_10M_QPSK_CH20175	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.45	2.16	-53.29	-13.00	-40.29	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_10M_QPSK_CH20175	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-56.22	2.16	-54.06	-13.00	-41.06	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1750MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_10M_QPSK_CH20350	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3500.000	-57.08	2.31	-54.77	-13.00	-41.77	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1750MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_10M_QPSK_CH20350	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3500.000	-56.67	2.31	-54.36	-13.00	-41.36	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_10M-16QAM_CH20175	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.30	2.16	-53.14	-13.00	-40.14	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_10M-16QAM_CH20175	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-56.16	2.16	-54.00	-13.00	-41.00	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1717.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_15M_QPSK_CH20025	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3435.000	-56.73	2.03	-54.70	-13.00	-41.70	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1717.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_15M_QPSK_CH20025	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3435.000	-54.24	2.03	-52.21	-13.00	-39.21	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_15M_QPSK_CH20175	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-56.30	2.16	-54.14	-13.00	-41.14	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_15M_QPSK_CH20175	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.29	2.16	-53.13	-13.00	-40.13	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1747.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_15M_QPSK_CH20325	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3495.000	-55.00	2.29	-52.71	-13.00	-39.71	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1747.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_15M_QPSK_CH20325	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3495.000	-54.73	2.29	-52.44	-13.00	-39.44	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_15M-16QAM_CH20175	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-53.80	2.16	-51.64	-13.00	-38.64	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_15M-16QAM_CH20175	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.32	2.16	-53.16	-13.00	-40.16	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1720MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_20M_QPSK_CH20050	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3440.000	-53.61	2.05	-51.56	-13.00	-38.56	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1720MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_20M_QPSK_CH20050	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3440.000	-56.24	2.05	-54.19	-13.00	-41.19	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_20M_QPSK_CH20175	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-54.86	2.16	-52.70	-13.00	-39.70	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_20M_QPSK_CH20175	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.19	2.16	-53.03	-13.00	-40.03	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1745MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_20M_QPSK_CH20300	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3490.000	-55.10	2.26	-52.84	-13.00	-39.84	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1745MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_20M_QPSK_CH20300	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3490.000	-54.92	2.26	-52.66	-13.00	-39.66	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_20M-16QAM_CH20175	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-52.98	2.16	-50.82	-13.00	-37.82	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 4_20M-16QAM_CH20175	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.71	2.16	-53.55	-13.00	-40.55	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	824.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_1.4M_QPSK_CH20407	Date:	08/14/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1649.400	-51.96	-4.38	-56.34	-13.00	-43.34	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	824.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_1.4M_QPSK_CH20407	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1649.400	-54.06	-4.38	-58.44	-13.00	-45.44	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_1.4M_QPSK_CH20525	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-51.68	-4.30	-55.98	-13.00	-42.98	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_1.4M_QPSK_CH20525	Date:	08/14/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-53.95	-4.30	-58.25	-13.00	-45.25	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	848.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_1.4M_QPSK_CH20643	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1696.600	-53.11	-4.23	-57.34	-13.00	-44.34	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	848.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_1.4M_QPSK_CH20643	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1696.600	-51.63	-4.23	-55.86	-13.00	-42.86	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_1.4M-16QAM_CH20525	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-53.08	-4.30	-57.38	-13.00	-44.38	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_1.4M-16QAM_CH20525	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-53.74	-4.30	-58.04	-13.00	-45.04	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	825.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_3M_QPSK_CH20415	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1651.000	-53.54	-4.37	-57.91	-13.00	-44.91	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	825.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_3M_QPSK_CH20415	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1651.000	-53.68	-4.37	-58.05	-13.00	-45.05	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_3M_QPSK_CH20525	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-52.29	-4.30	-56.59	-13.00	-43.59	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_3M_QPSK_CH20525	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-53.77	-4.30	-58.07	-13.00	-45.07	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	847.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_3M_QPSK_CH20635	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1695.000	-54.10	-4.22	-58.32	-13.00	-45.32	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	847.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_3M_QPSK_CH20635	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1695.000	-53.13	-4.22	-57.35	-13.00	-44.35	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_3M-16QAM_CH20525	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-51.52	-4.30	-55.82	-13.00	-42.82	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_3M-16QAM_CH20525	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-51.69	-4.30	-55.99	-13.00	-42.99	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	826.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_5M_QPSK_CH20425	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1653.000	-53.47	-4.37	-57.84	-13.00	-44.84	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	826.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_5M_QPSK_CH20425	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1653.000	-52.96	-4.37	-57.33	-13.00	-44.33	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_5M_QPSK_CH20525	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-53.13	-4.30	-57.43	-13.00	-44.43	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_5M_QPSK_CH20525	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-51.30	-4.30	-55.60	-13.00	-42.60	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	846.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_5M_QPSK_CH20625	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1693.000	-52.15	-4.24	-56.39	-13.00	-43.39	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	846.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_5M_QPSK_CH20625	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1693.000	-52.68	-4.24	-56.92	-13.00	-43.92	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_5M-16QAM_CH20525	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-53.90	-4.30	-58.20	-13.00	-45.20	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_5M-16QAM_CH20525	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-52.53	-4.30	-56.83	-13.00	-43.83	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	829MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_10M_QPSK_CH20450	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1658.000	-53.36	-4.36	-57.72	-13.00	-44.72	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	829MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_10M_QPSK_CH20450	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1658.000	-51.77	-4.36	-56.13	-13.00	-43.13	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_10M_QPSK_CH20525	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-52.73	-4.30	-57.03	-13.00	-44.03	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_10M_QPSK_CH20525	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-53.32	-4.30	-57.62	-13.00	-44.62	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	844MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_10M_QPSK_CH20600	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1688.000	-54.48	-4.25	-58.73	-13.00	-45.73	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	844MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_10M_QPSK_CH20600	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1688.000	-52.48	-4.25	-56.73	-13.00	-43.73	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_10M-16QAM_CH20525	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-52.28	-4.30	-56.58	-13.00	-43.58	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 5_10M-16QAM_CH20525	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-51.65	-4.30	-55.95	-13.00	-42.95	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2502.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_5M_QPSK_CH20775	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5005.000	-56.86	6.11	-50.75	-13.00	-37.75	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2502.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_5M_QPSK_CH20775	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5005.000	-57.10	6.11	-50.99	-13.00	-37.99	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_5M_QPSK_CH21100	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-54.40	6.18	-48.22	-13.00	-35.22	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_5M_QPSK_CH21100	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-56.83	6.18	-50.65	-13.00	-37.65	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2567.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_5M_QPSK_CH21425	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5135.000	-53.83	6.23	-47.60	-13.00	-34.60	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2567.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_5M_QPSK_CH21425	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5135.000	-56.51	6.23	-50.28	-13.00	-37.28	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_5M-16QAM_CH21100	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-57.28	6.18	-51.10	-13.00	-38.10	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_5M-16QAM_CH21100	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-54.81	6.18	-48.63	-13.00	-35.63	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2505MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_10M_QPSK_CH20800	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5010.000	-56.71	6.12	-50.59	-13.00	-37.59	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2505MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_10M_QPSK_CH20800	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5010.000	-54.89	6.12	-48.77	-13.00	-35.77	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_10M_QPSK_CH21100	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-56.72	6.18	-50.54	-13.00	-37.54	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_10M_QPSK_CH21100	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-55.86	6.18	-49.68	-13.00	-36.68	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2565MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_10M_QPSK_CH21400	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5130.000	-55.52	6.24	-49.28	-13.00	-36.28	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2565MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_10M_QPSK_CH21400	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5130.000	-55.75	6.24	-49.51	-13.00	-36.51	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_10M-16QAM_CH21100	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-56.70	6.18	-50.52	-13.00	-37.52	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_10M-16QAM_CH21100	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-55.74	6.18	-49.56	-13.00	-36.56	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2507.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_15M_QPSK_CH20825	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5015.000	-55.68	6.11	-49.57	-13.00	-36.57	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2507.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_15M_QPSK_CH20825	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5015.000	-55.67	6.11	-49.56	-13.00	-36.56	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_15M_QPSK_CH21100	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-55.28	6.18	-49.10	-13.00	-36.10	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_15M_QPSK_CH21100	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-55.61	6.18	-49.43	-13.00	-36.43	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2562.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_15M_QPSK_CH21375	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5125.000	-56.34	6.23	-50.11	-13.00	-37.11	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2562.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_15M_QPSK_CH21375	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5125.000	-55.05	6.23	-48.82	-13.00	-35.82	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_15M-16QAM_CH21100	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-55.62	6.18	-49.44	-13.00	-36.44	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_15M-16QAM_CH21100	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-54.96	6.18	-48.78	-13.00	-35.78	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2510MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_20M_QPSK_CH20850	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5020.000	-55.23	6.12	-49.11	-13.00	-36.11	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2510MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_20M_QPSK_CH20850	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5020.000	-54.77	6.12	-48.65	-13.00	-35.65	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_20M_QPSK_CH21100	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-56.44	6.18	-50.26	-13.00	-37.26	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_20M_QPSK_CH21100	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-56.62	6.18	-50.44	-13.00	-37.44	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2560MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_20M_QPSK_CH21350	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5120.000	-56.10	6.22	-49.88	-13.00	-36.88	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2560MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_20M_QPSK_CH21350	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5120.000	-56.12	6.22	-49.90	-13.00	-36.90	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_20M-16QAM_CH21100	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-55.54	6.18	-49.36	-13.00	-36.36	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 7_20M-16QAM_CH21100	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-54.86	6.18	-48.68	-13.00	-35.68	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	699.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_1.4M_QPSK_CH23017	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1399.400	-52.46	-5.53	-57.99	-13.00	-44.99	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	699.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_1.4M_QPSK_CH23017	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1399.400	-52.51	-5.53	-58.04	-13.00	-45.04	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_1.4M_QPSK_CH23095	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-52.98	-5.42	-58.40	-13.00	-45.40	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_1.4M_QPSK_CH23095	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-52.04	-5.42	-57.46	-13.00	-44.46	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	715.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_1.4M_QPSK_CH23173	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1430.600	-51.79	-5.33	-57.12	-13.00	-44.12	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	715.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_1.4M_QPSK_CH23173	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1430.600	-51.30	-5.33	-56.63	-13.00	-43.63	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_1.4M-16QAM_CH23095	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-53.27	-5.42	-58.69	-13.00	-45.69	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_1.4M-16QAM_CH23095	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-53.05	-5.42	-58.47	-13.00	-45.47	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	700.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_3M_QPSK_CH23025	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1401.000	-53.89	-5.51	-59.40	-13.00	-46.40	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	700.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_3M_QPSK_CH23025	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1401.000	-54.03	-5.51	-59.54	-13.00	-46.54	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_3M_QPSK_CH23095	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-51.78	-5.42	-57.20	-13.00	-44.20	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_3M_QPSK_CH23095	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-52.23	-5.42	-57.65	-13.00	-44.65	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	714.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_3M_QPSK_CH23165	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1429.000	-52.94	-5.33	-58.27	-13.00	-45.27	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	714.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_3M_QPSK_CH23165	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1429.000	-54.01	-5.33	-59.34	-13.00	-46.34	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_3M-16QAM_CH23095	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-51.92	-5.42	-57.34	-13.00	-44.34	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_3M-16QAM_CH23095	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-52.99	-5.42	-58.41	-13.00	-45.41	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	701.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_5M_QPSK_CH23035	Date:	08/15/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1403.000	-52.21	-5.49	-57.70	-13.00	-44.70	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	701.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_5M_QPSK_CH23035	Date:	08/15/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1403.000	-52.66	-5.49	-58.15	-13.00	-45.15	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_5M_QPSK_CH23095	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-52.05	-5.42	-57.47	-13.00	-44.47	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_5M_QPSK_CH23095	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-52.89	-5.42	-58.31	-13.00	-45.31	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	713.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_5M_QPSK_CH23155	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1427.000	-51.22	-5.34	-56.56	-13.00	-43.56	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	713.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_5M_QPSK_CH23155	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1427.000	-53.80	-5.34	-59.14	-13.00	-46.14	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_5M-16QAM_CH23095	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-52.80	-5.42	-58.22	-13.00	-45.22	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_5M-16QAM_CH23095	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-52.95	-5.42	-58.37	-13.00	-45.37	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	704MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_10M_QPSK_CH23060	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1408.000	-52.73	-5.47	-58.20	-13.00	-45.20	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	704MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_10M_QPSK_CH23060	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1408.000	-51.22	-5.47	-56.69	-13.00	-43.69	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_10M_QPSK_CH23095	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-53.63	-5.42	-59.05	-13.00	-46.05	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_10M_QPSK_CH23095	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-53.41	-5.42	-58.83	-13.00	-45.83	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	711MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_10M_QPSK_CH23130	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-52.10	-5.38	-57.48	-13.00	-44.48	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	711MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_10M_QPSK_CH23130	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-53.10	-5.38	-58.48	-13.00	-45.48	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_10M-QPSK_CH23095	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-51.97	-5.42	-57.39	-13.00	-44.39	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 12_10M-QPSK_CH23095	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-53.26	-5.42	-58.68	-13.00	-45.68	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2307.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_5M_QPSK_CH27685	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4615.000	-56.90	4.75	-52.15	-13.00	-39.15	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2307.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_5M_QPSK_CH27685	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4615.000	-57.26	4.75	-52.51	-13.00	-39.51	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_5M_QPSK_CH27710	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-56.20	4.76	-51.44	-13.00	-38.44	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_5M_QPSK_CH27710	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-57.55	4.76	-52.79	-13.00	-39.79	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2312.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_5M_QPSK_CH27735	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4625.000	-54.54	4.77	-49.77	-13.00	-36.77	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2312.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_5M_QPSK_CH27735	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4625.000	-55.49	4.77	-50.72	-13.00	-37.72	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2307.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_5M-16QAM_CH27685	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4615.000	-54.84	4.75	-50.09	-13.00	-37.09	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2307.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_5M-16QAM_CH27685	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4615.000	-55.57	4.75	-50.82	-13.00	-37.82	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_5M-16QAM_CH27710	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-53.83	4.76	-49.07	-13.00	-36.07	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_5M-16QAM_CH27710	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-54.01	4.76	-49.25	-13.00	-36.25	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2312.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_5M-16QAM_CH27735	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4625.000	-53.45	4.77	-48.68	-13.00	-35.68	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2312.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_5M-16QAM_CH27735	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4625.000	-53.97	4.77	-49.20	-13.00	-36.20	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_10M_QPSK_CH27710	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-56.88	4.76	-52.12	-13.00	-39.12	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_10M_QPSK_CH27710	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-56.17	4.76	-51.41	-13.00	-38.41	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_10M-16QAM_CH27710	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-55.08	4.76	-50.32	-13.00	-37.32	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 30_10M-16QAM_CH27710	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-55.23	4.76	-50.47	-13.00	-37.47	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	131979MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_1.4M_QPSK_CH131979	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3421.400	-53.77	1.97	-51.80	-13.00	-38.80	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	131979MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_1.4M_QPSK_CH131979	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3421.400	-54.70	1.97	-52.73	-13.00	-39.73	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_1.4M_QPSK_CH132197	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.79	2.16	-53.63	-13.00	-40.63	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_1.4M_QPSK_CH132197	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.76	2.16	-53.60	-13.00	-40.60	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132415MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_1.4M_QPSK_CH132415	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3508.600	-56.49	2.33	-54.16	-13.00	-41.16	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132415MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_1.4M_QPSK_CH132415	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3508.600	-55.78	2.33	-53.45	-13.00	-40.45	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_1.4M-16QAM_CH132197	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.03	2.16	-52.87	-13.00	-39.87	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_1.4M-16QAM_CH132197	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.06	2.16	-52.90	-13.00	-39.90	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	131987MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_3M_QPSK_CH131987	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3423.000	-56.70	1.97	-54.73	-13.00	-41.73	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	131987MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_3M_QPSK_CH131987	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3423.000	-54.85	1.97	-52.88	-13.00	-39.88	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_3M_QPSK_CH132197	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-53.49	2.16	-51.33	-13.00	-38.33	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_3M_QPSK_CH132197	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.81	2.16	-53.65	-13.00	-40.65	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132407MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_3M_QPSK_CH132407	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3507.000	-55.10	2.33	-52.77	-13.00	-39.77	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132407MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_3M_QPSK_CH132407	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3507.000	-55.73	2.33	-53.40	-13.00	-40.40	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_3M-16QAM_CH132197	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.27	2.16	-53.11	-13.00	-40.11	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_3M-16QAM_CH132197	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.50	2.16	-53.34	-13.00	-40.34	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	131997MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_5M_QPSK_CH131997	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3425.000	-54.66	1.98	-52.68	-13.00	-39.68	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	131997MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_5M_QPSK_CH131997	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3425.000	-55.21	1.98	-53.23	-13.00	-40.23	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_5M_QPSK_CH132197	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.08	2.16	-52.92	-13.00	-39.92	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_5M_QPSK_CH132197	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-56.79	2.16	-54.63	-13.00	-41.63	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132397MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_5M_QPSK_CH132397	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3505.000	-56.28	2.32	-53.96	-13.00	-40.96	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132397MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_5M_QPSK_CH132397	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3505.000	-54.41	2.32	-52.09	-13.00	-39.09	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_5M-16QAM_CH132197	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.80	2.16	-53.64	-13.00	-40.64	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_5M-16QAM_CH132197	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-54.60	2.16	-52.44	-13.00	-39.44	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132022MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_10M_QPSK_CH132022	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3430.000	-54.33	2.00	-52.33	-13.00	-39.33	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132022MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_10M_QPSK_CH132022	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3430.000	-55.37	2.00	-53.37	-13.00	-40.37	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_10M_QPSK_CH132197	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-54.50	2.16	-52.34	-13.00	-39.34	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_10M_QPSK_CH132197	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-54.13	2.16	-51.97	-13.00	-38.97	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132372MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_10M_QPSK_CH132372	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3500.000	-55.41	2.31	-53.10	-13.00	-40.10	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132372MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_10M_QPSK_CH132372	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3500.000	-54.95	2.31	-52.64	-13.00	-39.64	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_10M-16QAM_CH132197	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.53	2.16	-53.37	-13.00	-40.37	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_10M-16QAM_CH132197	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-54.74	2.16	-52.58	-13.00	-39.58	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132047MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_15M_QPSK_CH132047	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3435.000	-54.91	2.03	-52.88	-13.00	-39.88	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132047MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_15M_QPSK_CH132047	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3435.000	-54.26	2.03	-52.23	-13.00	-39.23	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_15M_QPSK_CH132197	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.01	2.16	-52.85	-13.00	-39.85	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_15M_QPSK_CH132197	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-54.10	2.16	-51.94	-13.00	-38.94	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132347MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_15M_QPSK_CH132347	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3495.000	-55.44	2.29	-53.15	-13.00	-40.15	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132347MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_15M_QPSK_CH132347	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3495.000	-56.41	2.29	-54.12	-13.00	-41.12	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_15M-16QAM_CH132197	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.42	2.16	-53.26	-13.00	-40.26	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_15M-16QAM_CH132197	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-55.70	2.16	-53.54	-13.00	-40.54	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132072MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_20M_QPSK_CH132072	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3440.000	-53.49	2.05	-51.44	-13.00	-38.44	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132072MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_20M_QPSK_CH132072	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3440.000	-55.44	2.05	-53.39	-13.00	-40.39	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_20M_QPSK_CH132197	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-54.74	2.16	-52.58	-13.00	-39.58	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_20M_QPSK_CH132197	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-56.36	2.16	-54.20	-13.00	-41.20	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132322MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_20M_QPSK_CH132322	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3490.000	-55.36	2.26	-53.10	-13.00	-40.10	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132322MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_20M_QPSK_CH132322	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3490.000	-54.70	2.26	-52.44	-13.00	-39.44	peak



Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_20M-16QAM_CH132197	Date:	08/16/2017
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-53.81	2.16	-51.65	-13.00	-38.65	peak

Standard:	Part 22H&24E&27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120V/60Hz
Frequency:	132197MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	4G_BAND 66_20M-16QAM_CH132197	Date:	08/16/2017
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-56.38	2.16	-54.22	-13.00	-41.22	peak



Appendix : Frequency Stability/ Emission Bandwidth & Occupied Bandwidth/ Peak to Average Ratio/ Band Edge/ Conducted Spurious Emission

The equipment passed the requirement of this clause, the detail results refer to "Test Results_Band2/Band4/Band5/Band7/Band12/Band30/Band66.