

RF Test Report

Applicant : unitech electronics co., ltd.
Product Type : Rugged Handheld Computer
Trade Name : unitech
Model Number : EA630
Applicable Standard : FCC 47 CFR PART 22H
FCC 47 CFR PART 24E
FCC 47 CFR PART 27
ANSI C63.26 2015

Received Date : May 11, 2020
Test Period : May 18 ~ Jun. 08, 2020
Issued Date : Ju1. 01, 2020

Issued by

A Test Lab Techno Corp.
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Taiwan Accreditation Foundation accreditation number: 1330

Frequency Range : 9 kHz to 40 GHz

Test Firm MRA designation number: TW0010

Note:

- 1.The test results are valid only for samples provided by customers and under the test conditions described in this report.
- 2.This report shall not be reproduced except in full, without the written approval of A Test Lab Technology Corporation.
- 3.The relevant information is provided by customers in this test report. According to the correctness, appropriateness or completeness of the information provided by the customer, if there is any doubt or error in the information which affects the validity of the test results, the laboratory does not take the responsibility.



Revision History

Rev.	Issued Date	Revisions	Revised By
00	Jun. 17, 2020	Initial Issue	Snow Wang
01	Ju1. 01, 2020	Update Test Results (P.7~P.9/P.82~P.83)	Snow Wang

Verification of Compliance

Issued Date: Ju1. 01, 2020

Applicant : unitech electronics co., ltd.
Product Type : Rugged Handheld Computer
Trade Name : unitech
Model Number : EA630
FCC ID : HLEEA630BTNFL
EUT Rated Voltage : DC 5 V, 2.5 A / DC 9 V, 2 A
Test Voltage : 120 Vac / 60 Hz
DC 3.75 V / DC 3.85 V / DC 4.40 V
Applicable Standard : FCC 47 CFR PART 22H
FCC 47 CFR PART 24E
FCC 47 CFR PART 27
ANSI C63.26 2015
Test Result : Complied

Performing Lab. : A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade District,
Taoyuan City 33465, Taiwan (R.O.C.)
Tel : +886-3-2710188 / Fax : +886-3-2710190
Taiwan Accreditation Foundation accreditation number: 1330
<http://www.atl-lab.com.tw/e-index.htm>



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

Approved By

: Fly Lu

(Manager)

(Fly Lu)

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1 General Information

1.1. EUT Description

Applicant	unitech electronics co., ltd. 5F., No.136, Lane 235, Pao-Chiao Rd., Hsin-Tien Dist, New Taipei City, Taiwan		
Manufacturer	unitech electronics co., ltd. 5F., No.136, Lane 235, Pao-Chiao Rd., Hsin-Tien Dist, New Taipei City, Taiwan		
Product Type	Rugged Handheld Computer		
Trade Name	unitech		
Model Number	EA630		
FCC ID	HLEEA630BTNFL		
IMEI No.	IMEI 1: 355239110051120, IMEI 2: 355239115204005		
Operate Band	Frequency Range (MHz)	Modulation	Channel Bandwidth
LTE Band 2	UL: 1850 ~ 1910	QPSK, 16QAM	1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz, 20 MHz
	DL: 1930 ~ 1990	QPSK, 16QAM	
LTE Band 4	UL: 1710 ~ 1755	QPSK, 16QAM	1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz, 20 MHz
	DL: 2110 ~ 2155	QPSK, 16QAM	
LTE Band 5	UL: 824 ~ 849	QPSK, 16QAM	1.4 MHz, 3 MHz, 5 MHz, 10 MHz
	DL: 869 ~ 894	QPSK, 16QAM	
LTE Band 7	UL: 2500 ~ 2570	QPSK, 16QAM	5 MHz, 10 MHz, 15 MHz, 20 MHz
	DL: 2620 ~ 2690	QPSK, 16QAM	
LTE Band 12	UL: 699 ~ 716	QPSK, 16QAM	1.4 MHz, 3 MHz, 5 MHz, 10 MHz
	DL: 728 ~ 746	QPSK, 16QAM	
LTE Band 17	UL: 704 ~ 716	QPSK, 16QAM	5 MHz, 10 MHz
	DL: 734 ~ 746	QPSK, 16QAM	
LTE Band 38	UL/DL: 2570 ~ 2620	QPSK, 16QAM	5 MHz, 10 MHz, 15 MHz, 20 MHz
LTE Band 40	UL/DL: 2305 ~ 2315	QPSK, 16QAM	5 MHz, 10 MHz,
	UL/DL: 2350 ~ 2360	QPSK, 16QAM	5 MHz, 10 MHz
TE Band 41	UL/DL: 2555 ~ 2655	QPSK, 16QAM	5 MHz, 10 MHz, 15 MHz, 20 MHz



Type of Antenna	PIFA Antenna	
Antenna Gain	LTE Band 2	0.4 dBi
	LTE Band 4	0.8 dBi
	LTE Band 5	-2.6 dBi
	LTE Band 7	2.2 dBi
	LTE Band 12	-1.4 dBi
	LTE Band 17	-1.3 dBi
	LTE Band 38	2.2 dBi
	LTE Band 40	2.2 dBi
	LTE Band 41	2.2 dBi
Operate Temp. Range	-10 ~ +50 °C	

Band	Channel Bandwidth	Modulation	Max. RF Output Power	E.R.P. /E.I.R.P.
			(W)	(W)
LTE Band2	1.4MHz	QPSK	0.218	0.24
LTE Band2	1.4MHz	16QAM	0.187	---
LTE Band2	3MHz	QPSK	0.222	0.24
LTE Band2	3MHz	16QAM	0.192	---
LTE Band2	5MHz	QPSK	0.219	0.24
LTE Band2	5MHz	16QAM	0.188	---
LTE Band2	10MHz	QPSK	0.224	0.25
LTE Band2	10MHz	16QAM	0.193	---
LTE Band2	15MHz	QPSK	0.219	0.24
LTE Band2	15MHz	16QAM	0.187	---
LTE Band2	20MHz	QPSK	0.221	0.24
LTE Band2	20MHz	16QAM	0.188	---
LTE Band4	1.4MHz	QPSK	0.201	0.24
LTE Band4	1.4MHz	16QAM	0.168	---
LTE Band4	3MHz	QPSK	0.203	0.24
LTE Band4	3MHz	16QAM	0.170	---
LTE Band4	5MHz	QPSK	0.198	0.24
LTE Band4	5MHz	16QAM	0.169	---
LTE Band4	10MHz	QPSK	0.201	0.24
LTE Band4	10MHz	16QAM	0.171	---
LTE Band4	15MHz	QPSK	0.202	0.24
LTE Band4	15MHz	16QAM	0.173	---
LTE Band4	20MHz	QPSK	0.200	0.24
LTE Band4	20MHz	16QAM	0.169	---
LTE Band5	1.4MHz	QPSK	0.153	0.05
LTE Band5	1.4MHz	16QAM	0.131	---
LTE Band5	3MHz	QPSK	0.156	0.05
LTE Band5	3MHz	16QAM	0.133	---
LTE Band5	5MHz	QPSK	0.152	0.05
LTE Band5	5MHz	16QAM	0.130	---
LTE Band5	10MHz	QPSK	0.152	0.05
LTE Band5	10MHz	16QAM	0.132	---

Band	Channel Bandwidth	Modulation	Max. RF Output Power	E.R.P. /E.I.R.P.
			(W)	(W)
LTE Band7	5MHz	QPSK	0.147	0.24
LTE Band7	5MHz	16QAM	0.126	---
LTE Band7	10MHz	QPSK	0.149	0.25
LTE Band7	10MHz	16QAM	0.125	---
LTE Band7	15MHz	QPSK	0.150	0.25
LTE Band7	15MHz	16QAM	0.130	---
LTE Band7	20MHz	QPSK	0.149	0.25
LTE Band7	20MHz	16QAM	0.129	---
LTE Band12	1.4MHz	QPSK	0.119	0.05
LTE Band12	1.4MHz	16QAM	0.103	---
LTE Band12	3MHz	QPSK	0.120	0.05
LTE Band12	3MHz	16QAM	0.103	---
LTE Band12	5MHz	QPSK	0.118	0.05
LTE Band12	5MHz	16QAM	0.103	---
LTE Band12	10MHz	QPSK	0.117	0.05
LTE Band12	10MHz	16QAM	0.100	---
LTE Band17	5MHz	QPSK	0.143	0.06
LTE Band17	5MHz	16QAM	0.123	---
LTE Band17	10MHz	QPSK	0.143	0.06
LTE Band17	10MHz	16QAM	0.123	---
LTE Band38	5MHz	QPSK	0.261	0.43
LTE Band38	5MHz	16QAM	0.220	---
LTE Band38	10MHz	QPSK	0.262	0.43
LTE Band38	10MHz	16QAM	0.221	---
LTE Band38	15MHz	QPSK	0.263	0.44
LTE Band38	15MHz	16QAM	0.225	---
LTE Band38	20MHz	QPSK	0.262	0.44
LTE Band38	20MHz	16QAM	0.223	---

Band	Channel Bandwidth	Modulation	Max. RF Output Power	E.R.P. /E.I.R.P.
			(W)	(W)
LTE Band40 (2305 ~ 2315 MHz)	5MHz	QPSK	0.132	0.22
LTE Band40 (2305 ~ 2315 MHz)	5MHz	16QAM	0.114	---
LTE Band40 (2305 ~ 2315 MHz)	10MHz	QPSK	0.030	0.05
LTE Band40 (2305 ~ 2315 MHz)	10MHz	16QAM	0.025	---
LTE Band40 (2350 ~ 2360 MHz)	5MHz	QPSK	0.120	0.20
LTE Band40 (2350 ~ 2360 MHz)	5MHz	16QAM	0.104	---
LTE Band40 (2350 ~ 2360 MHz)	10MHz	QPSK	0.028	0.05
LTE Band40 (2350 ~ 2360 MHz)	10MHz	16QAM	0.025	---
LTE Band41	5MHz	QPSK	0.262	0.43
LTE Band41	5MHz	16QAM	0.228	---
LTE Band41	10MHz	QPSK	0.263	0.44
LTE Band41	10MHz	16QAM	0.228	---
LTE Band41	15MHz	QPSK	0.267	0.44
LTE Band41	15MHz	16QAM	0.232	---
LTE Band41	20MHz	QPSK	0.267	0.44
LTE Band41	20MHz	16QAM	0.234	---

Band	Channel Bandwidth	Modulation	Emission Designator Occupied Bandwidth (MHz)	
LTE Band2	1.4 MHz	QPSK	1.0896	1M09G7D
LTE Band2	1.4 MHz	16QAM	1.0885	1M09W7D
LTE Band2	3 MHz	QPSK	2.7005	2M70G7D
LTE Band2	3 MHz	16QAM	2.6955	2M70W7D
LTE Band2	5 MHz	QPSK	4.4984	4M50G7D
LTE Band2	5 MHz	16QAM	4.5132	4M51W7D
LTE Band2	10 MHz	QPSK	8.9768	8M98G7D
LTE Band2	10 MHz	16QAM	8.9825	8M98W7D
LTE Band2	15 MHz	QPSK	13.478	13M48G7D
LTE Band2	15 MHz	16QAM	13.469	13M47W7D
LTE Band2	20 MHz	QPSK	17.936	17M94G7D
LTE Band2	20 MHz	16QAM	17.953	17M95W7D
LTE Band4	1.4 MHz	QPSK	1.0885	1M09G7D
LTE Band4	1.4 MHz	16QAM	1.0905	1M09W7D
LTE Band4	3 MHz	QPSK	2.6978	2M70G7D
LTE Band4	3 MHz	16QAM	2.6958	2M70W7D
LTE Band4	5 MHz	QPSK	4.5006	4M50G7D
LTE Band4	5 MHz	16QAM	4.5165	4M51W7D
LTE Band4	10 MHz	QPSK	8.9896	8M99G7D
LTE Band4	10 MHz	16QAM	8.9932	8M99W7D
LTE Band4	15 MHz	QPSK	13.507	13M51G7D
LTE Band4	15 MHz	16QAM	13.488	13M49W7D
LTE Band4	20 MHz	QPSK	17.972	17M97G7D
LTE Band4	20 MHz	16QAM	17.984	17M98W7D
LTE Band5	1.4 MHz	QPSK	1.0884	1M09G7D
LTE Band5	1.4 MHz	16QAM	1.0878	1M09W7D
LTE Band5	3 MHz	QPSK	2.7043	2M70G7D
LTE Band5	3 MHz	16QAM	2.6952	2M70W7D
LTE Band5	5 MHz	QPSK	4.5049	4M50G7D
LTE Band5	5 MHz	16QAM	4.5184	4M52W7D
LTE Band5	10 MHz	QPSK	8.9832	8M98G7D
LTE Band5	10 MHz	16QAM	9.0075	9M01W7D



Band	Channel Bandwidth	Modulation	Emission Designator Occupied Bandwidth (MHz)	
LTE Band7	5 MHz	QPSK	4.4985	4M50G7D
LTE Band7	5 MHz	16QAM	4.5141	4M51W7D
LTE Band7	10 MHz	QPSK	8.9771	8M98G7D
LTE Band7	10 MHz	16QAM	8.9954	9M00W7D
LTE Band7	15 MHz	QPSK	13.462	13M5G7D
LTE Band7	15 MHz	16QAM	13.45	13M5W7D
LTE Band7	20 MHz	QPSK	17.896	17M9G7D
LTE Band7	20 MHz	16QAM	17.916	17M9W7D
LTE Band12	1.4 MHz	QPSK	1.0876	1M09G7D
LTE Band12	1.4 MHz	16QAM	1.0887	1M09W7D
LTE Band12	3 MHz	QPSK	2.6964	2M70G7D
LTE Band12	3 MHz	16QAM	2.6979	2M70W7D
LTE Band12	5 MHz	QPSK	4.5039	4M50G7D
LTE Band12	5 MHz	16QAM	4.5213	4M52W7D
LTE Band12	10 MHz	QPSK	9.0036	9M00G7D
LTE Band12	10 MHz	16QAM	9.0309	9M03W7D
LTE Band17	5 MHz	QPSK	4.5066	4M51G7D
LTE Band17	5 MHz	16QAM	4.5225	4M52W7D
LTE Band17	10 MHz	QPSK	8.9757	8M98G7D
LTE Band17	10 MHz	16QAM	8.9902	8M99W7D
LTE Band38	5 MHz	QPSK	4.5047	4M50G7D
LTE Band38	5 MHz	16QAM	4.5238	4M52W7D
LTE Band38	10 MHz	QPSK	8.975	8M98G7D
LTE Band38	10 MHz	16QAM	8.9838	8M98W7D
LTE Band38	15 MHz	QPSK	13.472	13M5G7D
LTE Band38	15 MHz	16QAM	13.47	13M5W7D
LTE Band38	20 MHz	QPSK	17.91	17M9G7D
LTE Band38	20 MHz	16QAM	17.916	17M9W7D

Band	Channel Bandwidth	Modulation	Emission Designator Occupied Bandwidth (MHz)	
LTE Band40 (2305 ~ 2315 MHz)	5MHz	QPSK	4.5061	4M51G7D
LTE Band40 (2305 ~ 2315 MHz)	5MHz	16QAM	4.5223	4M52W7D
LTE Band40 (2305 ~ 2315 MHz)	10MHz	QPSK	8.9677	8M97G7D
LTE Band40 (2305 ~ 2315 MHz)	10MHz	16QAM	8.9861	8M99W7D
LTE Band40 (2350 ~ 2360 MHz)	5MHz	QPSK	4.5037	4M50G7D
LTE Band40 (2350 ~ 2360 MHz)	5MHz	16QAM	4.5215	4M52W7D
LTE Band40 (2350 ~ 2360 MHz)	10MHz	QPSK	8.9565	8M96G7D
LTE Band40 (2350 ~ 2360 MHz)	10MHz	16QAM	8.9738	8M97W7D
LTE Band41	5 MHz	QPSK	4.5074	4M51G7D
LTE Band41	5 MHz	16QAM	4.5237	4M52W7D
LTE Band41	10 MHz	QPSK	8.9657	8M97G7D
LTE Band41	10 MHz	16QAM	8.9869	8M99W7D
LTE Band41	15 MHz	QPSK	13.459	13M5G7D
LTE Band41	15 MHz	16QAM	13.468	13M5W7D
LTE Band41	20 MHz	QPSK	17.907	17M9G7D
LTE Band41	20 MHz	16QAM	17.916	17M9W7D

1.2. Mode of Operation

Three channels had been tested for each channel bandwidth.

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

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

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

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

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

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

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

LTE Band 17				
Channel Bandwidth	5 MHz		10 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	23755	706.5	23780	709.0
Middle CH	23790	710.0	23790	710.0
High CH	23825	713.5	23800	711.0

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

LTE Band 38				
Channel Bandwidth	5 MHz		10 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	37775	2572.5	37800	2575.0
Middle CH	38000	2595.0	38000	2595.0
High CH	38225	2617.5	38200	2615.0
Channel Bandwidth	15 MHz		20 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	37825	2577.5	37850	2580.0
Middle CH	38000	2595.0	38000	2595.0
High CH	38175	2612.5	38150	2610.0

LTE Band 40				
Channel Bandwidth	5 MHz		10 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	38725	2307.5	---	---
Middle CH	38750	2310.0	38750	2310.0
High CH	38775	2312.5	---	---
Channel Bandwidth	5 MHz		10 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	39175	2352.5	---	---
Middle CH	39200	2355.0	39200	2355.0
High CH	39225	2357.5	---	---

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

LTE Band 41				
Channel Bandwidth	5 MHz		10 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	40265	2557.5	40290	2560.0
Middle CH	40740	2605.0	40740	2605.0
High CH	41215	2652.5	41190	2650.0
Channel Bandwidth	15 MHz		20 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low CH	40315	2562.5	40340	2565.0
Middle CH	40740	2605.0	40740	2605.0
High CH	41165	2647.5	41140	2645.0

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

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

Frequency range investigated for radiated emission: 9 kHz to 10th Harmonic

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

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

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

Band	Channel Bandwidth	Test Modes	
LTE Band 12	1.4 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 2) Link ☐ LTE(RB Size 1, RB Offset 5) Link ☐ LTE(RB Size 3, RB Offset 0) Link ☒ LTE(RB Size 3, RB Offset 1) Link ☐ LTE(RB Size 3, RB Offset 3) Link ☐ LTE(RB Size 6, RB Offset 0) Link	QPSK
	3 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☒ LTE(RB Size 1, RB Offset 7) Link ☐ LTE(RB Size 1, RB Offset 14) Link ☐ LTE(RB Size 8, RB Offset 0) Link ☐ LTE(RB Size 8, RB Offset 3) Link ☐ LTE(RB Size 8, RB Offset 7) Link ☐ LTE(RB Size 15, RB Offset 0) Link	QPSK
	5 MHz	☒ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☒ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK
LTE Band 17	5 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☒ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☒ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK

Band	Channel Bandwidth	Test Modes	
LTE Band 38	5 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☒ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☒ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK
	15 MHz	☒ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 37) Link ☐ LTE(RB Size 1, RB Offset 74) Link ☐ LTE(RB Size 36, RB Offset 0) Link ☐ LTE(RB Size 36, RB Offset 19) Link ☐ LTE(RB Size 36, RB Offset 39) Link ☐ LTE(RB Size 75, RB Offset 0) Link	QPSK
	20 MHz	☒ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 1, RB Offset 99) Link ☐ LTE(RB Size 50, RB Offset 0) Link ☐ LTE(RB Size 50, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 50) Link ☐ LTE(RB Size 100, RB Offset 0) Link	QPSK
LTE Band 40 (2305 ~ 2315)	5 MHz	☒ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☒ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK
LTE Band 40 (2350 ~ 2360)	5 MHz	☒ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link	QPSK
	10 MHz	☐ LTE(RB Size 1, RB Offset 0) Link ☒ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 1, RB Offset 49) Link ☐ LTE(RB Size 25, RB Offset 0) Link ☐ LTE(RB Size 25, RB Offset 12) Link ☐ LTE(RB Size 25, RB Offset 25) Link ☐ LTE(RB Size 50, RB Offset 0) Link	QPSK

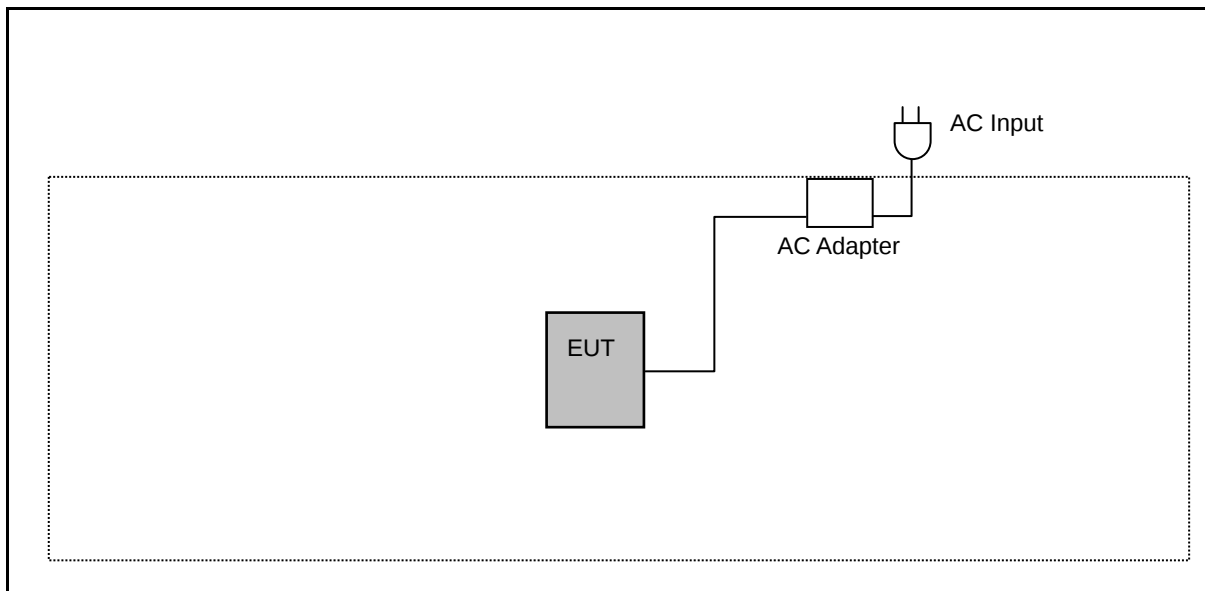
Band	Channel Bandwidth	Test Modes	
LTE Band 41	5 MHz	☒ LTE(RB Size 1, RB Offset 0) Link ☐ LTE(RB Size 1, RB Offset 12) Link ☐ LTE(RB Size 1, RB Offset 24) Link ☐ LTE(RB Size 12, RB Offset 0) Link ☐ LTE(RB Size 12, RB Offset 6) Link ☐ LTE(RB Size 12, RB Offset 13) Link ☐ LTE(RB Size 25, RB Offset 0) Link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

1.3. EUT Test Step

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

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

1.4. Configuration of Test System Details



Devices Description					
	Product	Manufacturer	Model Number	Serial Number	Power Cord
(1)	---	---	---	---	---



1.5. Test Instruments

For Conducted

Test Period: May 18 ~ Jun. 04, 2020

Testing Engineer: Eric Ouyang / Jam Lee

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Cycle
Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	03/31/2020	1 year
Power Supply	KEITHLEY	2303	4045290	02/11/2020	1 year
Divider	Warison	WDIV-2I0.5-26.5S 20	WR222AM2B2	11/08/2019	1 year
Spectrum Analyzer	Agilent	N9030A	MY53120541	01/06/2020	1 year
Radio Communication Analyzer	Anritsu	MT8820C	6201342039	12/11/2019	1 year

For Spurious Radiation

Test Period: May 23 ~ Jun. 08, 2020

Testing Engineer: Ricky Liu / JS Liao/ Louis Shen

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Cycle
Radio Communication Analyzer	Anritsu	MT8821C	6201300618	05/29/2019 05/27/2020	1 year
Spectrum Analyzer (10 Hz~44 GHz)	Keysight	N9010A	MY52221312	01/13/2020	1 year
Pre Amplifier (1~26.5 GHz)	Agilent	8449B	3008A02237	10/18/2019	1 year
Pre Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A11119	01/15/2020	1 year
Broadband Antenna	Schwarzbeck	VULB9168	416	10/23/2019	1 year
Horn Antenna (1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	08/22/2019	1 year
Loop Antenna	COM-POWER CORPORATION	AL-130	121014	03/27/2020	1 year
RF Cable	EMCI	EMC104-N-N-600 0	TE01-1	02/20/2020	1 year
Microwave Cable	EMCI	EMC104-SM-SM- 13000	170814	10/29/2019	1 year
Microwave Cable	EMCI	EMC102-KM-KM- 14000	151001	02/20/2020	1 year

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

1.6. Test Site Environment

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-30
Humidity (%RH)	25-75	45-75

Test Setting Condition		
L.V.	Low Voltage	DC 3.75 V
N.V.	Normal Voltage	DC 3.85 V
H.V.	High Voltage	DC 4.40 V
L.T.	Low Temperature	-10 °C
N.T.	Normal Temperature	+25 °C
H.T.	High Temperature	+50 °C

1.7. Measurement Uncertainty

Parameter	Uncertainty
Conducted Output Average Power	0.69 dB
Effective Radiated Power / Equivalent Isotropic Radiated Power	5.7 dB
Frequency Stability	$-1.56 \times 10^{-7} \times f_c / +1.72 \times 10^{-7} \times f_c$ Hz
Emission Bandwidth & Occupied Bandwidth	4.96 %
Peak to Average Ratio	0.69 dB
Band Edge	0.69 dB
Conducted Spurious Emission	0.69 dB
Radiated Emission	5.7 dB



1.8. Summary of Test Result

FCC Rule	Description	Result
§2.1046	Conducted Output Average Power	Pass
§22.913 §24.232 §27.50	Equivalent Isotropic Radiated Power / Equivalent Radiated Power	Pass
§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

Decision Rule

- ☒ Uncertainty is not included.
- ☐ Uncertainty is included.

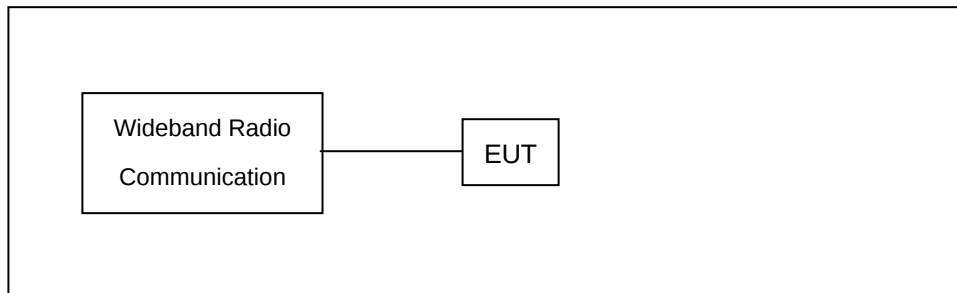
2 Measurement Procedure

2.1. Conducted Output Average Power Test

■ Limit

N/A

■ Test Setup



■ Test Procedure

- a. The EUT was set up for the maximum power with simulator.
- b. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

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(b)(10): Portable stations transmitting in the 746-757 MHz, 776-788 MHz,

For FCC Part 27.50(c)(10): Portable stations in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP

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

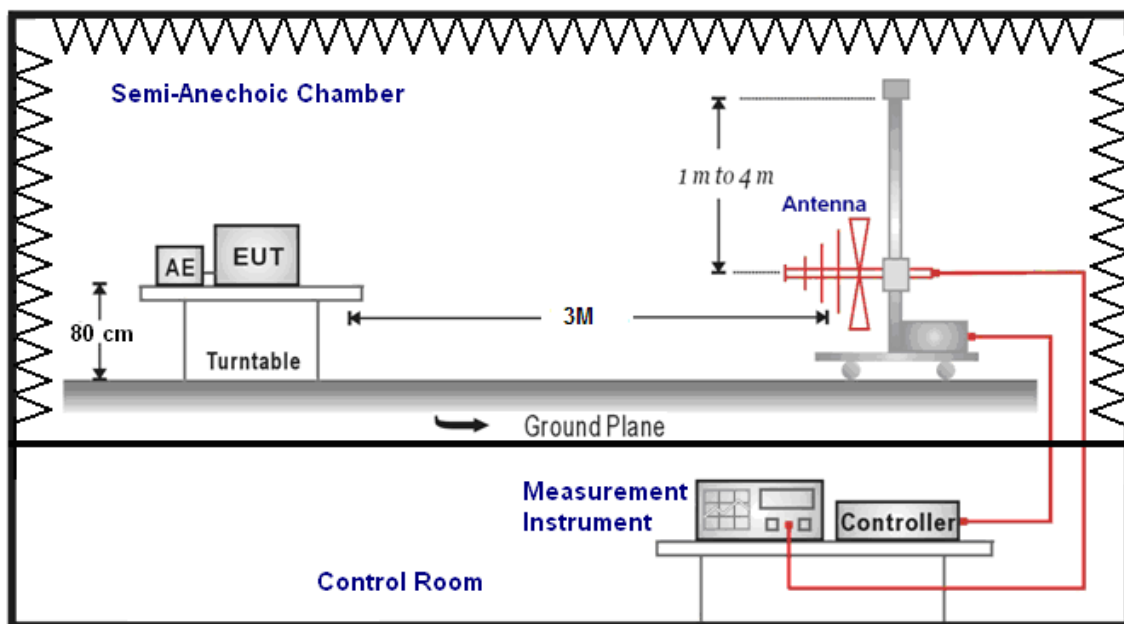
For FCC Part 22.913(a)(5): The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

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

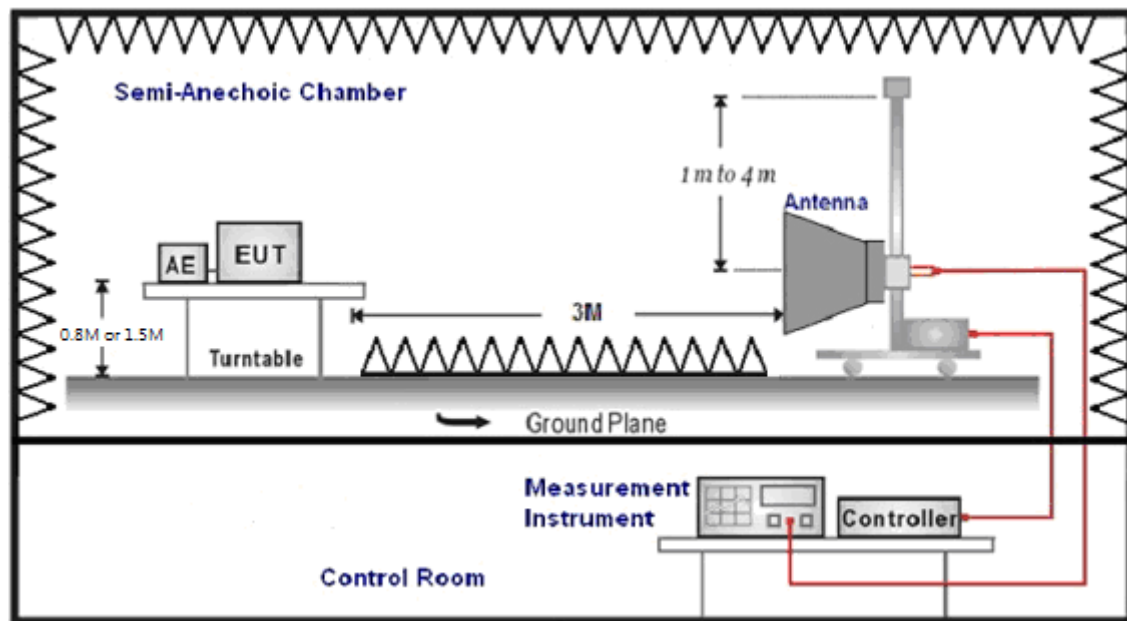
For FCC Part 27.50(h)(2): Mobile stations in BRS and EBS band are limited to 2 watts EIRP.

■ Test Setup

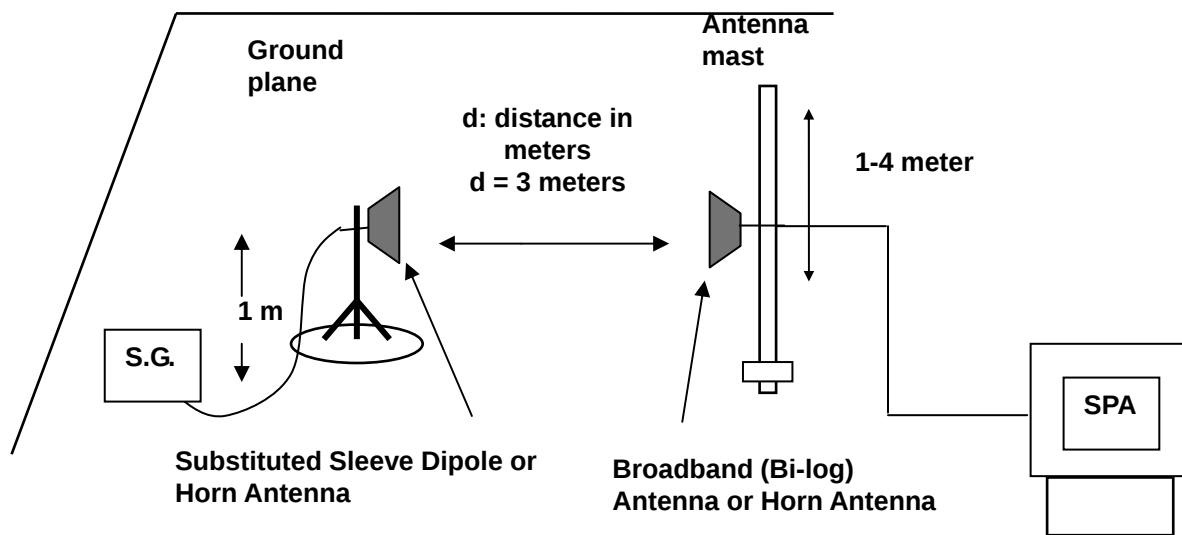
Below 1 GHz



Above 1 GHz



For Substituted Method Test Set-UP



■ Test Procedure

- a. The EUT was set up for the maximum power with wwan link data modulation. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high operational frequency range).
- b. E.I.R.P power measurement. In the semi-anechoic chamber, EUT placed on the 0.8 m (1.5 m for above 1 GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- c. The substitution antenna (Note:1 & 2) is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G.
- d. $E.I.R.P. = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$
- 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

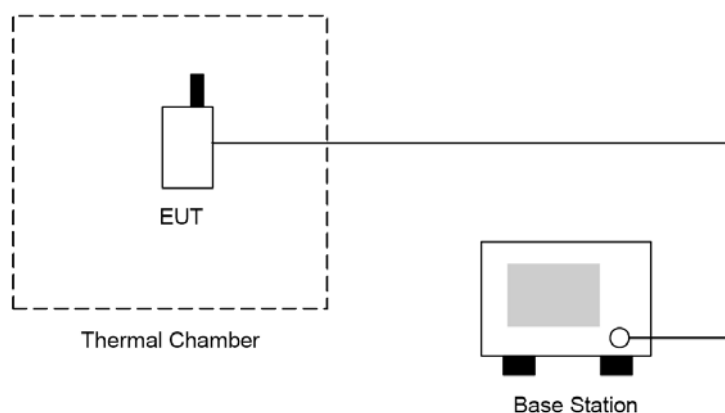
2. Above 1 GHz Substituted Method Test : Horn antenna to Horn Antenna

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 °C ~ 50 °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 ± 5 °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.

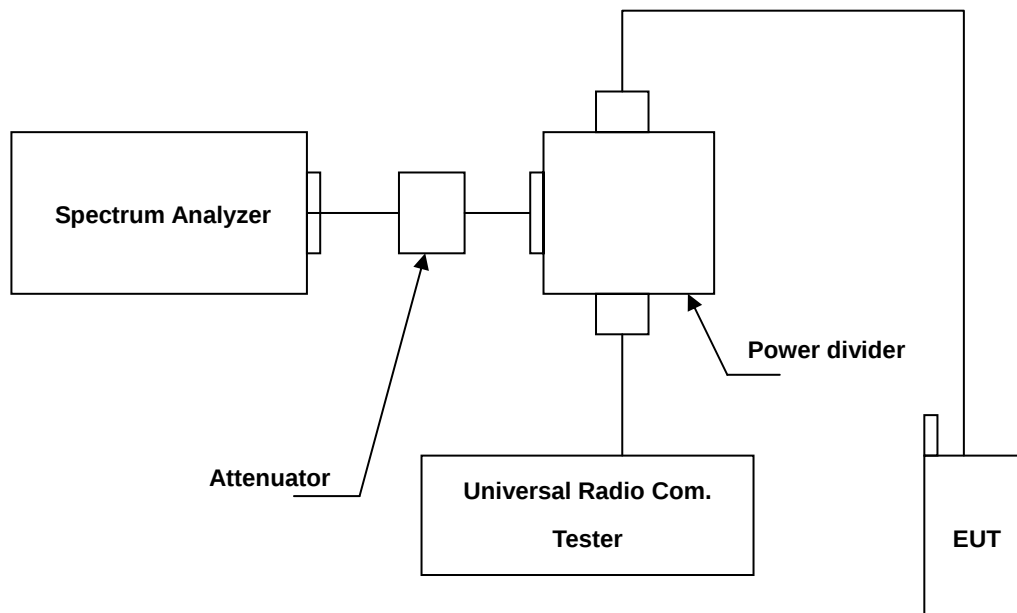
2.4. Emission Bandwidth & Occupied Bandwidth Test

■ 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

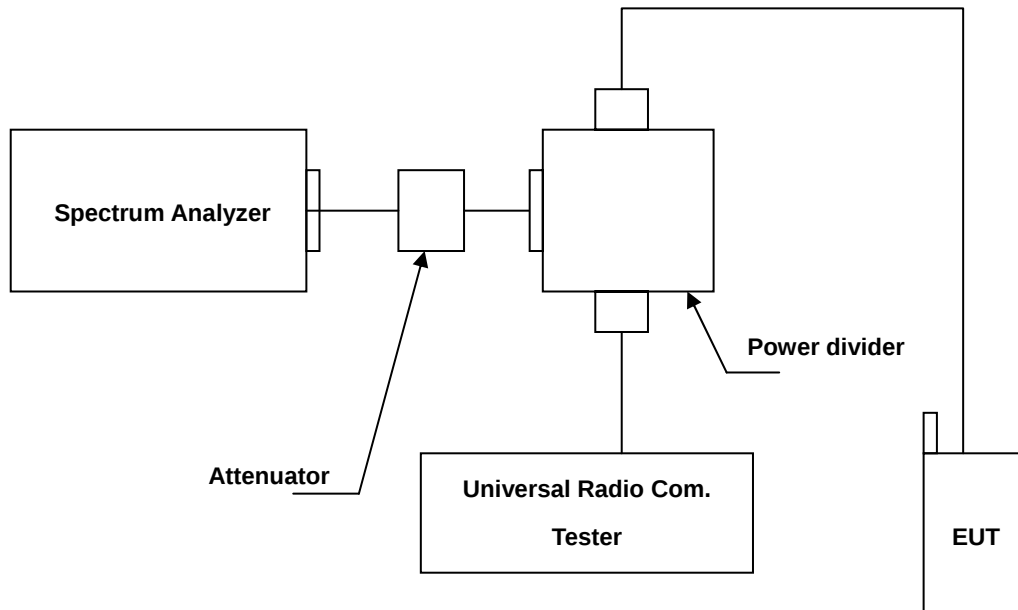
- The EUT makes a phone call to the communication simulator. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels. (low, middle and high operational frequency range.)
- The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation 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.

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 %.



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.

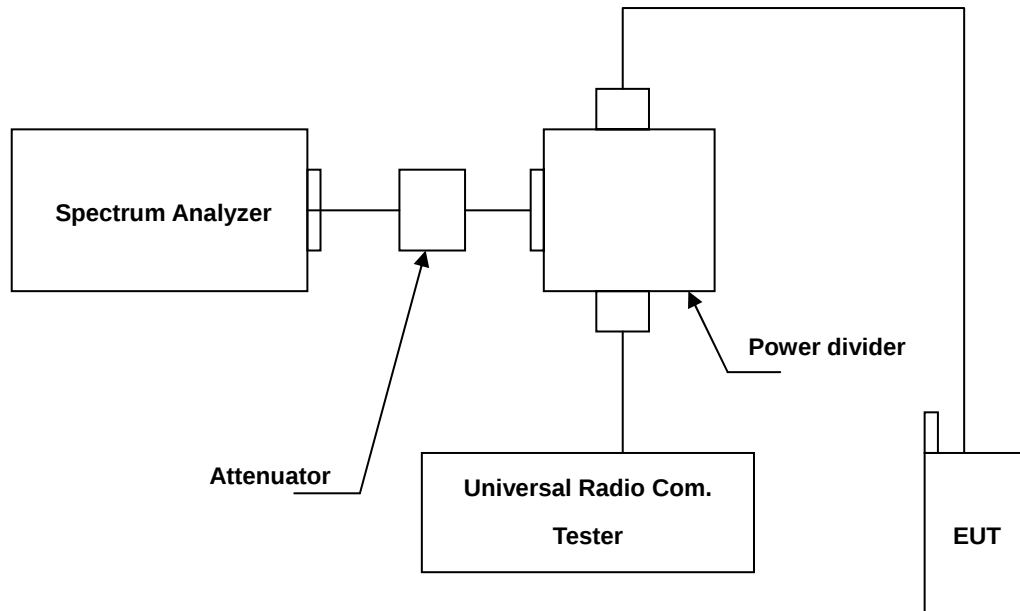
§27.53(m)

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.

§27.53(m)

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

■ 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.

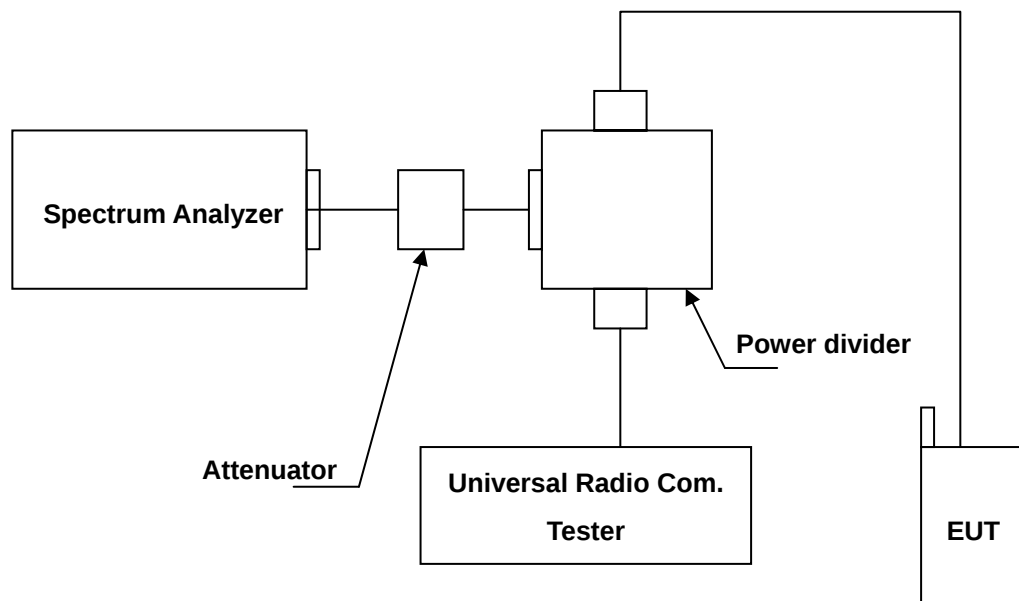
2.7. Conducted Spurious Emission Test

■ Limit

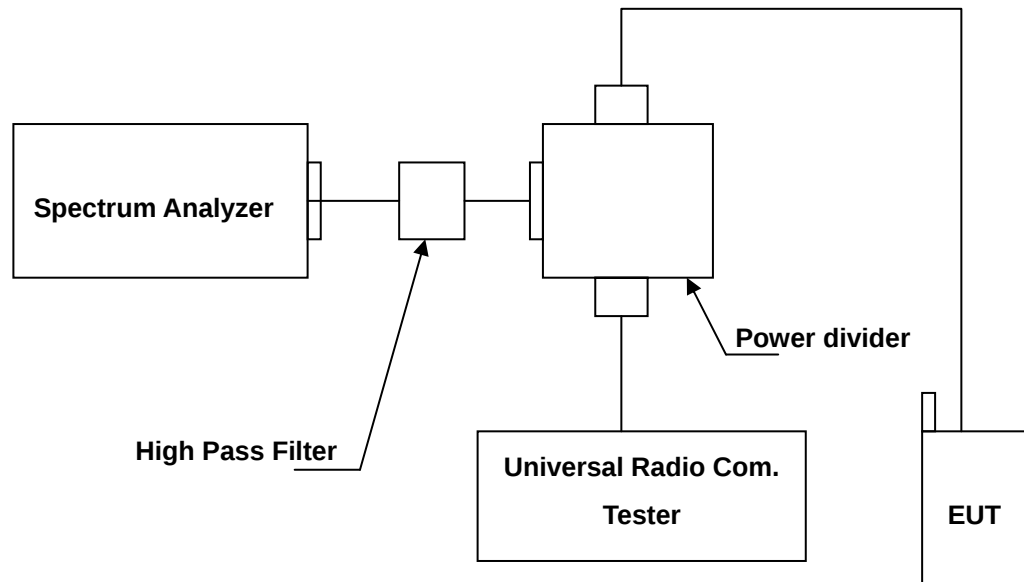
The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13 dBm

■ Setup

Below 2.8 GHz



Above 2.8 GHz



■ 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 10 MHz to 2.5 GHz (Band 7 and Band 41: scanned from 10 MHz to 4 GHz), it shall be connected to the band reject filter attenuated the carried frequency. The spectrum set RB=1 MHz, VB=1 MHz.
- When the spectrum scanned from 2.5 GHz to 10th harmonic (Band 7 and Band 41: scanned from 4 GHz to 10th harmonic). The spectrum set RB=1 MHz, VB=1 MHz.

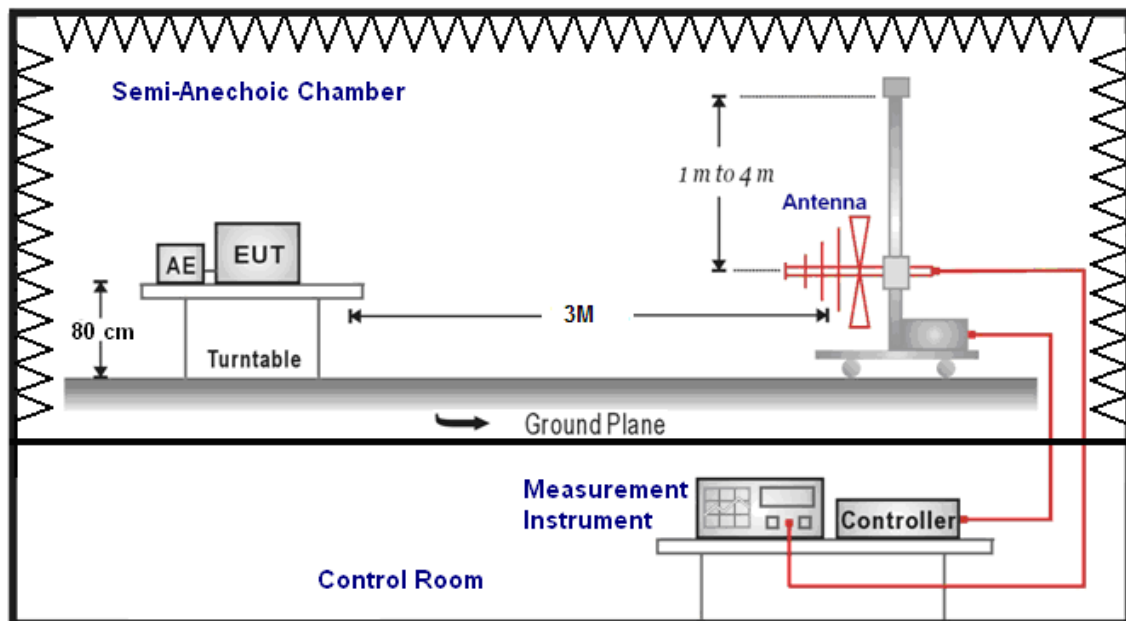
2.8. Radiated Emission Test

■ Limit

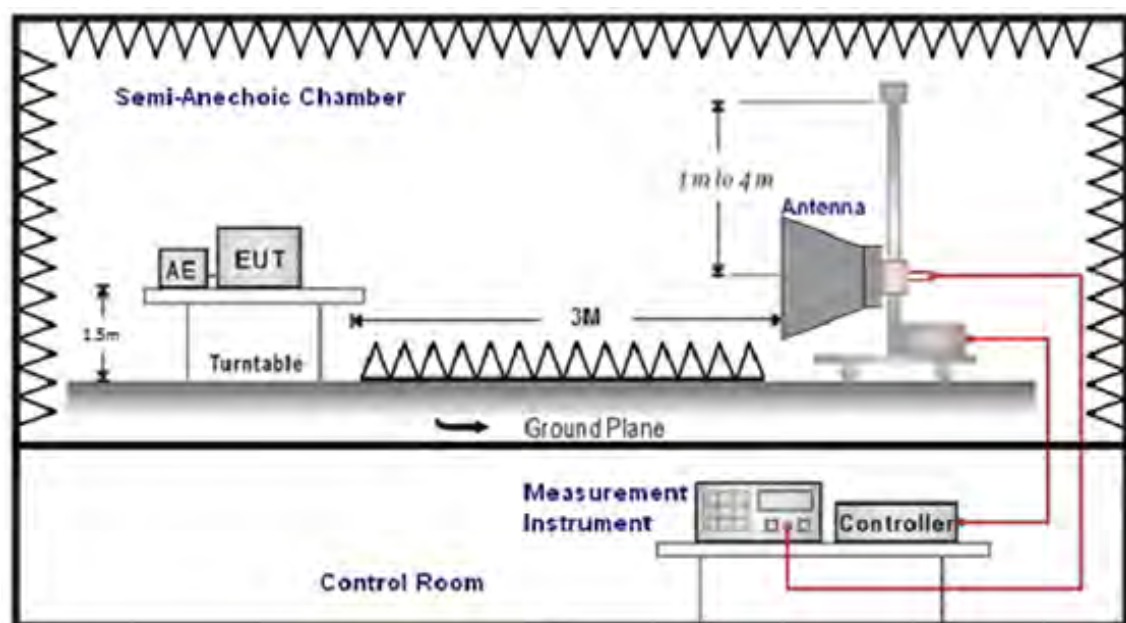
The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13 dBm

■ Setup

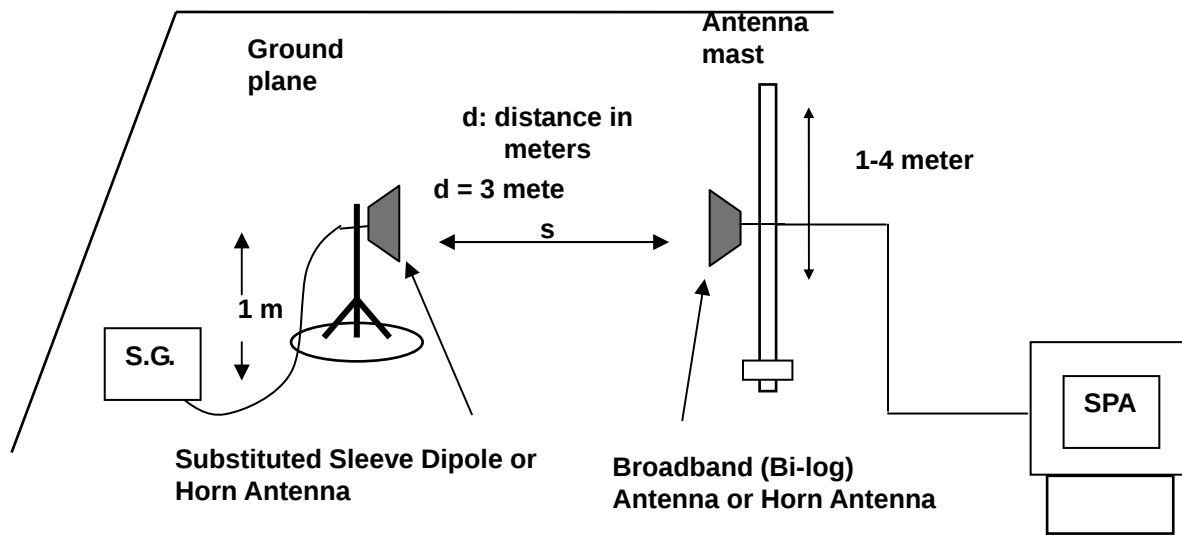
Below 1 GHz



Above 1 GHz



For Substituted Method Test Set-UP



■ Test Procedure

- 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).
- Radiation Emission measurement. In the semi-anechoic chamber, EUT placed on the 0.8 m (1.5 m for above 1 GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- 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.
- $E.I.R.P. = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$
- $E.R.P. = E.I.R.P. - 2.15 \text{ dB}$
- Measurement range 9 kHz - 10 th Harmonic

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

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

3 Test Results

Conducted Output Average Power

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	1.4MHz	QPSK	18607	1850.7	1	0	23.19	0.208
					1	2	23.27	0.212
					1	5	23.18	0.208
					3	0	23.26	0.212
					3	1	23.30	0.214
					3	3	23.25	0.211
					6	0	22.30	0.170
			18900	1880.0	1	0	23.27	0.212
					1	2	23.37	0.217
					1	5	23.28	0.213
					3	0	23.33	0.215
					3	1	23.38	0.218
					3	3	23.33	0.215
					6	0	22.36	0.172
			19193	1909.3	1	0	23.16	0.207
					1	2	23.25	0.211
					1	5	23.17	0.207
					3	0	23.20	0.209
					3	1	23.30	0.214
					3	3	23.24	0.211
					6	0	22.29	0.169
		16QAM	18607	1850.7	1	0	22.46	0.176
					1	2	22.56	0.180
					1	5	22.52	0.179
					3	0	22.43	0.175
					3	1	22.47	0.177
					3	3	22.42	0.175
					6	0	21.45	0.140
			18900	1880.0	1	0	22.71	0.187
					1	2	22.71	0.187
					1	5	22.63	0.183
					3	0	22.55	0.180
					3	1	22.60	0.182
					3	3	22.54	0.179
					6	0	21.55	0.143
			19193	1909.3	1	0	22.40	0.174
					1	2	22.42	0.175
					1	5	22.35	0.172
					3	0	22.32	0.171
					3	1	22.37	0.173
					3	3	22.32	0.171
					6	0	21.39	0.138



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	3MHz	QPSK	18615	1851.5	1	0	23.26	0.212
					1	7	23.41	0.219
					1	14	23.27	0.212
					8	0	22.38	0.173
					8	3	22.40	0.174
					8	7	22.36	0.172
					15	0	22.49	0.177
			18900	1880.0	1	0	23.35	0.216
					1	7	23.47	0.222
					1	14	23.33	0.215
					8	0	22.44	0.175
					8	3	22.47	0.177
					8	7	22.42	0.175
					15	0	22.42	0.175
			19185	1908.5	1	0	23.24	0.211
					1	7	23.33	0.215
					1	14	23.22	0.210
					8	0	22.32	0.171
					8	3	22.38	0.173
					8	7	22.33	0.171
					15	0	22.36	0.172
		16QAM	18615	1851.5	1	0	22.58	0.181
					1	7	22.68	0.185
					1	14	22.57	0.181
					8	0	21.52	0.142
					8	3	21.55	0.143
					8	7	21.50	0.141
					15	0	21.54	0.143
			18900	1880.0	1	0	22.71	0.187
					1	7	22.84	0.192
					1	14	22.72	0.187
					8	0	21.61	0.145
					8	3	21.64	0.146
					8	7	21.60	0.145
					15	0	21.48	0.141
			19185	1908.5	1	0	22.50	0.178
					1	7	22.59	0.182
					1	14	22.36	0.172
					8	0	21.44	0.139
					8	3	21.49	0.141
					8	7	21.44	0.139
					15	0	21.44	0.139



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	5MHz	QPSK	18625	1852.5	1	0	23.29	0.213
					1	12	23.28	0.213
					1	24	23.24	0.211
					12	0	22.38	0.173
					12	6	22.43	0.175
					12	13	22.46	0.176
					25	0	22.48	0.177
			18900	1880.0	1	0	23.40	0.219
					1	12	23.41	0.219
					1	24	23.36	0.217
					12	0	22.45	0.176
					12	6	22.48	0.177
					12	13	22.44	0.175
					25	0	22.44	0.175
			19175	1907.5	1	0	23.25	0.211
					1	12	23.24	0.211
					1	24	23.24	0.211
					12	0	22.34	0.171
					12	6	22.37	0.173
					12	13	22.34	0.171
					25	0	22.36	0.172
		16QAM	18625	1852.5	1	0	22.60	0.182
					1	12	22.59	0.182
					1	24	22.50	0.178
					12	0	21.63	0.146
					12	6	21.63	0.146
					12	13	21.60	0.145
					25	0	21.57	0.144
			18900	1880.0	1	0	22.73	0.187
					1	12	22.75	0.188
					1	24	22.69	0.186
					12	0	21.64	0.146
					12	6	21.63	0.146
					12	13	21.59	0.144
					25	0	21.54	0.143
			19175	1907.5	1	0	22.49	0.177
					1	12	22.50	0.178
					1	24	22.41	0.174
					12	0	21.44	0.139
					12	6	21.46	0.140
					12	11	21.44	0.139
					25	0	21.42	0.139

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	10MHz	QPSK	18650	1855.0	1	0	23.41	0.219
					1	24	23.35	0.216
					1	49	23.33	0.215
					25	0	22.53	0.179
					25	12	22.52	0.179
					25	25	22.48	0.177
					50	0	22.51	0.178
			18900	1880.0	1	0	23.50	0.224
					1	24	23.45	0.221
					1	49	23.43	0.220
					25	0	22.48	0.177
					25	12	22.48	0.177
					25	25	22.44	0.175
					50	0	22.48	0.177
			19150	1905.0	1	0	23.32	0.215
					1	24	23.30	0.214
					1	49	23.23	0.210
					25	0	22.39	0.173
					25	12	22.42	0.175
					25	25	22.34	0.171
					50	0	22.37	0.173
		16QAM	18650	1855.0	1	0	22.85	0.193
					1	24	22.68	0.185
					1	49	22.64	0.184
					25	0	21.63	0.146
					25	12	21.60	0.145
					25	25	21.56	0.143
					50	0	21.59	0.144
			18900	1880.0	1	0	22.82	0.191
					1	24	22.82	0.191
					1	49	22.74	0.188
					25	0	21.58	0.144
					25	12	21.59	0.144
					25	25	21.57	0.144
					50	0	21.57	0.144
			19150	1905.0	1	0	22.46	0.176
					1	24	22.51	0.178
					1	49	22.45	0.176
					25	0	21.44	0.139
					25	12	21.46	0.140
					25	25	21.44	0.139
					50	0	21.44	0.139

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	15MHz	QPSK	18675	1857.5	1	0	23.32	0.215
					1	37	23.26	0.212
					1	74	23.20	0.209
					36	0	22.49	0.177
					36	19	22.51	0.178
					36	39	22.42	0.175
					75	0	22.48	0.177
			18900	1880.0	1	0	23.40	0.219
					1	37	23.36	0.217
					1	74	23.31	0.214
					36	0	22.45	0.176
					36	19	22.47	0.177
					36	39	22.45	0.176
					75	0	22.44	0.175
			19125	1902.5	1	0	23.28	0.213
					1	37	23.23	0.210
					1	74	23.23	0.210
					36	0	22.35	0.172
					36	19	22.38	0.173
					36	39	22.34	0.171
					75	0	22.37	0.173
		16QAM	18675	1857.5	1	0	22.58	0.181
					1	37	22.52	0.179
					1	74	22.47	0.177
					36	0	21.55	0.143
					36	19	21.62	0.145
					36	39	21.51	0.142
					75	0	21.53	0.142
			18900	1880.0	1	0	22.71	0.187
					1	37	22.73	0.187
					1	74	22.61	0.182
					36	0	21.59	0.144
					36	19	21.63	0.146
					36	39	21.58	0.144
					75	0	21.55	0.143
			19125	1902.5	1	0	22.46	0.176
					1	37	22.46	0.176
					1	74	22.44	0.175
					36	0	21.40	0.138
					36	19	21.44	0.139
					36	39	21.44	0.139
					75	0	21.42	0.139

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	20MHz	QPSK	18700	1860.0	1	0	23.44	0.221
					1	49	23.39	0.218
					1	99	23.42	0.220
					50	0	22.51	0.178
					50	25	22.51	0.178
					50	50	22.53	0.179
					100	0	22.54	0.179
			18900	1880.0	1	0	23.41	0.219
					1	49	23.41	0.219
					1	99	23.32	0.215
					50	0	22.45	0.176
					50	25	22.47	0.177
					50	50	22.43	0.175
					100	0	22.46	0.176
			19100	1900.0	1	0	23.27	0.212
					1	49	23.26	0.212
					1	99	23.21	0.209
					50	0	22.39	0.173
					50	25	22.39	0.173
					50	50	22.35	0.172
					100	0	22.39	0.173
		16QAM	18700	1860.0	1	0	22.72	0.187
					1	49	22.63	0.183
					1	99	22.72	0.187
					50	0	21.59	0.144
					50	25	21.59	0.144
					50	50	21.60	0.145
					100	0	21.61	0.145
			18900	1880.0	1	0	22.74	0.188
					1	49	22.75	0.188
					1	99	22.62	0.183
					50	0	21.58	0.144
					50	25	21.60	0.145
					50	50	21.55	0.143
					100	0	21.56	0.143
			19100	1900.0	1	0	22.62	0.183
					1	49	22.48	0.177
					1	99	22.46	0.176
					50	0	21.46	0.140
					50	25	21.44	0.139
					50	50	21.42	0.139
					100	0	21.42	0.139



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	1.4MHz	QPSK	19957	1710.7	1	0	22.87	0.194
					1	2	22.96	0.198
					1	5	22.86	0.193
					3	0	22.94	0.197
					3	1	22.97	0.198
					3	3	22.98	0.199
					6	0	21.93	0.156
			20175	1732.5	1	0	22.91	0.195
					1	2	23.01	0.200
					1	5	22.89	0.195
					3	0	22.95	0.197
					3	1	23.03	0.201
					3	3	22.98	0.199
					6	0	21.98	0.158
			20393	1754.3	1	0	22.86	0.193
					1	2	22.94	0.197
					1	5	22.88	0.194
					3	0	22.92	0.196
					3	1	22.98	0.199
					3	3	22.91	0.195
					6	0	21.92	0.156
		16QAM	19957	1710.7	1	0	22.11	0.163
					1	2	22.25	0.168
					1	5	22.16	0.164
					3	0	22.08	0.161
					3	1	22.13	0.163
					3	3	22.07	0.161
					6	0	21.09	0.129
			20175	1732.5	1	0	22.11	0.163
					1	2	22.20	0.166
					1	5	22.15	0.164
					3	0	22.07	0.161
					3	1	22.14	0.164
					3	3	22.07	0.161
					6	0	21.11	0.129
			20393	1754.3	1	0	22.16	0.164
					1	2	22.22	0.167
					1	5	22.10	0.162
					3	0	22.04	0.160
					3	1	22.08	0.161
					3	3	22.08	0.161
					6	0	21.07	0.128

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	3MHz	QPSK	19965	1711.5	1	0	22.90	0.195
					1	7	23.03	0.201
					1	14	22.86	0.193
					8	0	22.00	0.158
					8	3	22.00	0.158
					8	7	21.95	0.157
					15	0	21.97	0.157
			20175	1732.5	1	0	22.97	0.198
					1	7	23.07	0.203
					1	14	22.91	0.195
					8	0	22.01	0.159
					8	3	22.06	0.161
					8	7	21.96	0.157
					15	0	22.03	0.160
			20385	1753.5	1	0	22.90	0.195
					1	7	23.00	0.200
					1	14	22.88	0.194
					8	0	21.96	0.157
					8	3	22.00	0.158
					8	7	21.93	0.156
					15	0	21.97	0.157
		16QAM	19965	1711.5	1	0	22.15	0.164
					1	7	22.30	0.170
					1	14	22.19	0.166
					8	0	21.09	0.129
					8	3	21.13	0.130
					8	7	21.10	0.129
					15	0	21.05	0.127
			20175	1732.5	1	0	22.25	0.168
					1	7	22.28	0.169
					1	14	22.15	0.164
					8	0	21.12	0.129
					8	3	21.14	0.130
					8	7	21.12	0.129
					15	0	21.08	0.128
			20385	1753.5	1	0	22.17	0.165
					1	7	22.29	0.169
					1	14	22.14	0.164
					8	0	21.09	0.129
					8	3	21.13	0.130
					8	7	21.06	0.128
					15	0	21.03	0.127



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	5MHz	QPSK	19975	1712.5	1	0	22.97	0.198
					1	12	22.95	0.197
					1	24	22.85	0.193
					12	0	21.93	0.156
					12	6	21.99	0.158
					12	13	21.93	0.156
					25	0	21.94	0.156
			20175	1732.5	1	0	22.93	0.196
					1	12	22.93	0.196
					1	24	22.89	0.195
					12	0	21.98	0.158
					12	6	22.04	0.160
					12	13	21.97	0.157
					25	0	21.98	0.158
			20375	1752.5	1	0	22.91	0.195
					1	12	22.91	0.195
					1	24	22.84	0.192
					12	0	21.93	0.156
					12	6	22.00	0.158
					12	13	21.90	0.155
					25	0	21.93	0.156
		16QAM	19975	1712.5	1	0	22.19	0.166
					1	12	22.19	0.166
					1	24	22.15	0.164
					12	0	21.08	0.128
					12	6	21.10	0.129
					12	13	21.07	0.128
					25	0	21.04	0.127
			20175	1732.5	1	0	22.27	0.169
					1	12	22.23	0.167
					1	24	22.18	0.165
					12	0	21.12	0.129
					12	6	21.14	0.130
					12	13	21.08	0.128
					25	0	21.08	0.128
			20375	1752.5	1	0	22.17	0.165
					1	12	22.16	0.164
					1	24	22.12	0.163
					12	0	21.07	0.128
					12	6	21.10	0.129
					12	11	21.03	0.127
					25	0	21.02	0.126



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	10MHz	QPSK	20000	1715.0	1	0	22.92	0.196
					1	24	22.93	0.196
					1	49	22.89	0.195
					25	0	21.96	0.157
					25	12	21.95	0.157
					25	25	21.90	0.155
			20175	1732.5	50	0	21.96	0.157
					1	0	23.03	0.201
					1	24	22.97	0.198
					1	49	22.89	0.195
					25	0	22.02	0.159
					25	12	22.01	0.159
					25	25	22.00	0.158
					50	0	22.00	0.158
			20350	1750.0	1	0	22.97	0.198
					1	24	22.95	0.197
					1	49	22.84	0.192
					25	0	21.97	0.157
					25	12	21.97	0.157
					25	25	21.93	0.156
		16QAM	20000	1715.0	50	0	21.97	0.157
					1	0	22.21	0.166
					1	24	22.21	0.166
					1	49	22.20	0.166
					25	0	21.07	0.128
					25	12	21.08	0.128
			20175	1732.5	25	25	21.02	0.126
					50	0	21.05	0.127
					1	0	22.34	0.171
					1	24	22.27	0.169
					1	49	22.13	0.163
					25	0	21.13	0.130
					25	12	21.13	0.130
					25	25	21.05	0.127
			20350	1750.0	50	0	21.10	0.129
					1	0	22.21	0.166
					1	24	22.25	0.168
					1	49	22.10	0.162
					25	0	21.10	0.129
					25	12	21.07	0.128
					25	25	21.00	0.126
					50	0	21.04	0.127

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	15MHz	QPSK	20025	1717.5	1	0	22.96	0.198
					1	37	22.92	0.196
					1	74	22.94	0.197
					36	0	22.00	0.158
					36	19	21.99	0.158
					36	39	22.04	0.160
					75	0	22.05	0.160
			20175	1732.5	1	0	23.05	0.202
					1	37	22.94	0.197
					1	74	22.86	0.193
					36	0	22.04	0.160
					36	19	22.05	0.160
					36	39	21.96	0.157
					75	0	21.98	0.158
			20325	1747.5	1	0	23.00	0.200
					1	37	22.93	0.196
					1	74	22.83	0.192
					36	0	22.00	0.158
					36	19	22.00	0.158
					36	39	21.96	0.157
					75	0	21.99	0.158
		16QAM	20025	1717.5	1	0	22.22	0.167
					1	37	22.21	0.166
					1	74	22.26	0.168
					36	0	21.09	0.129
					36	19	21.13	0.130
					36	39	21.12	0.129
					75	0	21.14	0.130
			20175	1732.5	1	0	22.39	0.173
					1	37	22.21	0.166
					1	74	22.08	0.161
					36	0	21.18	0.131
					36	19	21.12	0.129
					36	39	21.07	0.128
					75	0	21.08	0.128
			20325	1747.5	1	0	22.23	0.167
					1	37	22.21	0.166
					1	74	22.14	0.164
					36	0	21.12	0.129
					36	19	21.08	0.128
					36	39	21.03	0.127
					75	0	21.04	0.127

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	20MHz	QPSK	20050	1720.0	1	0	22.94	0.197
					1	49	22.95	0.197
					1	99	22.90	0.195
					50	0	22.00	0.158
					50	25	22.07	0.161
					50	50	22.01	0.159
					100	0	22.04	0.160
			20175	1732.5	1	0	22.98	0.199
					1	49	22.96	0.198
					1	99	22.85	0.193
					50	0	22.06	0.161
					50	25	22.05	0.160
					50	50	21.96	0.157
					100	0	22.03	0.160
			20300	1745.0	1	0	23.00	0.200
					1	49	22.95	0.197
					1	99	22.81	0.191
					50	0	22.04	0.160
					50	25	22.02	0.159
					50	50	21.93	0.156
					100	0	22.00	0.158
		16QAM	20050	1720.0	1	0	22.22	0.167
					1	49	22.24	0.167
					1	99	22.15	0.164
					50	0	21.10	0.129
					50	25	21.18	0.131
					50	50	21.09	0.129
					100	0	21.15	0.130
			20175	1732.5	1	0	22.27	0.169
					1	49	22.25	0.168
					1	99	22.08	0.161
					50	0	21.17	0.131
					50	25	21.13	0.130
					50	50	21.07	0.128
					100	0	21.10	0.129
			20300	1745.0	1	0	22.27	0.169
					1	49	22.25	0.168
					1	99	22.18	0.165
					50	0	21.10	0.129
					50	25	21.09	0.129
					50	50	21.02	0.126
					100	0	21.05	0.127

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band5	1.4MHz	QPSK	20407	824.7	1	0	21.57	0.144
					1	2	21.65	0.146
					1	5	21.55	0.143
					3	0	21.60	0.145
					3	1	21.66	0.147
					3	3	21.61	0.145
			20525	836.5	6	0	20.61	0.115
					1	0	21.79	0.151
					1	2	21.85	0.153
					1	5	21.80	0.151
					3	0	21.84	0.153
					3	1	21.86	0.153
					3	3	21.82	0.152
					6	0	20.85	0.122
			20643	848.3	1	0	21.69	0.148
					1	2	21.76	0.150
					1	5	21.70	0.148
					3	0	21.76	0.150
					3	1	21.78	0.151
					3	3	21.75	0.150
					6	0	20.73	0.118
		16QAM	20407	824.7	1	0	20.78	0.120
					1	2	20.85	0.122
					1	5	20.76	0.119
					3	0	20.72	0.118
					3	1	20.77	0.119
					3	3	20.70	0.117
			20525	836.5	6	0	19.70	0.093
					1	0	21.13	0.130
					1	2	21.16	0.131
					1	5	21.08	0.128
					3	0	21.00	0.126
					3	1	21.05	0.127
					3	3	21.00	0.126
					6	0	19.96	0.099
			20643	848.3	1	0	20.89	0.123
					1	2	21.02	0.126
					1	5	20.93	0.124
					3	0	20.84	0.121
					3	1	20.81	0.121
					3	3	20.85	0.122
					6	0	19.81	0.096

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band5	3MHz	QPSK	20415	825.5	1	0	21.60	0.145
					1	7	21.69	0.148
					1	14	21.67	0.147
					8	0	20.64	0.116
					8	3	20.65	0.116
					8	7	20.72	0.118
					15	0	20.78	0.120
			20525	836.5	1	0	21.84	0.153
					1	7	21.92	0.156
					1	14	21.82	0.152
					8	0	20.88	0.122
					8	3	20.88	0.122
					8	7	20.85	0.122
					15	0	20.88	0.122
			20635	847.5	1	0	21.68	0.147
					1	7	21.76	0.150
					1	14	21.64	0.146
					8	0	20.73	0.118
					8	3	20.74	0.119
					8	7	20.69	0.117
					15	0	20.76	0.119
		16QAM	20415	825.5	1	0	20.82	0.121
					1	7	20.87	0.122
					1	14	20.85	0.122
					8	0	19.73	0.094
					8	3	19.73	0.094
					8	7	19.79	0.095
					15	0	19.80	0.095
			20525	836.5	1	0	21.17	0.131
					1	7	21.23	0.133
					1	14	21.12	0.129
					8	0	20.00	0.100
					8	3	20.01	0.100
					8	7	20.00	0.100
					15	0	19.92	0.098
			20635	847.5	1	0	20.91	0.123
					1	7	20.98	0.125
					1	14	20.87	0.122
					8	0	19.78	0.095
					8	3	19.80	0.095
					8	7	19.79	0.095
					15	0	19.76	0.095



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band5	5MHz	QPSK	20425	826.5	1	0	21.58	0.144
					1	12	21.66	0.147
					1	24	21.64	0.146
					12	0	20.73	0.118
					12	6	20.78	0.120
					12	13	20.71	0.118
					25	0	20.77	0.119
			20525	836.5	1	0	21.74	0.149
					1	12	21.83	0.152
					1	24	21.82	0.152
					12	0	20.88	0.122
					12	6	20.91	0.123
					12	13	20.84	0.121
					25	0	20.87	0.122
			20625	846.5	1	0	21.71	0.148
					1	12	21.67	0.147
					1	24	21.63	0.146
					12	0	20.74	0.119
					12	6	20.76	0.119
					12	13	20.72	0.118
					25	0	20.75	0.119
		16QAM	20425	826.5	1	0	20.83	0.121
					1	12	20.92	0.124
					1	24	20.93	0.124
					12	0	19.79	0.095
					12	6	19.83	0.096
					12	13	19.80	0.095
					25	0	19.78	0.095
			20525	836.5	1	0	21.08	0.128
					1	12	21.15	0.130
					1	24	21.12	0.129
					12	0	19.99	0.100
					12	6	20.03	0.101
					12	13	19.96	0.099
					25	0	19.97	0.099
			20625	846.5	1	0	20.89	0.123
					1	12	20.89	0.123
					1	24	20.85	0.122
					12	0	19.81	0.096
					12	6	19.82	0.096
					12	11	19.77	0.095
					25	0	19.78	0.095

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band5	10MHz	QPSK	20450	829.0	1	0	21.59	0.144
					1	24	21.67	0.147
					1	49	21.72	0.149
					25	0	20.78	0.120
					25	12	20.89	0.123
					25	25	20.82	0.121
			20525	836.5	50	0	20.83	0.121
					1	0	21.76	0.150
					1	24	21.83	0.152
					1	49	21.76	0.150
					25	0	20.90	0.123
					25	12	20.91	0.123
					25	25	20.85	0.122
					50	0	20.85	0.122
			20600	844.0	1	0	21.82	0.152
					1	24	21.68	0.147
					1	49	21.59	0.144
					25	0	20.87	0.122
					25	12	20.88	0.122
					25	25	20.73	0.118
					50	0	20.84	0.121
		16QAM	20450	829.0	1	0	20.81	0.121
					1	24	20.98	0.125
					1	49	21.08	0.128
					25	0	19.82	0.096
					25	12	19.95	0.099
					25	25	19.89	0.097
			20525	836.5	50	0	19.87	0.097
					1	0	21.11	0.129
					1	24	21.19	0.132
					1	49	21.08	0.128
					25	0	19.97	0.099
					25	12	19.95	0.099
					25	25	19.89	0.097
			20600	844.0	50	0	19.91	0.098
					1	0	21.11	0.129
					1	24	20.90	0.123
					1	49	20.82	0.121
					25	0	19.95	0.099
					25	12	19.91	0.098
					25	25	19.83	0.096
					50	0	19.88	0.097

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band7	5MHz	QPSK	20775	2502.5	1	0	21.64	0.146
					1	12	21.66	0.147
					1	24	21.58	0.144
					12	0	20.72	0.118
					12	6	20.75	0.119
					12	13	20.63	0.116
					25	0	20.63	0.116
			21100	2535.0	1	0	21.56	0.143
					1	12	21.60	0.145
					1	24	21.58	0.144
					12	0	20.61	0.115
					12	6	20.66	0.116
					12	13	20.66	0.116
					25	0	20.66	0.116
			21425	2567.5	1	0	21.52	0.142
					1	12	21.54	0.143
					1	24	21.55	0.143
					12	0	20.55	0.114
					12	6	20.60	0.115
					12	13	20.59	0.115
					25	0	20.60	0.115
		16QAM	20775	2502.5	1	0	20.95	0.124
					1	12	20.99	0.126
					1	24	20.92	0.124
					12	0	19.86	0.097
					12	6	19.89	0.097
					12	13	19.80	0.095
					25	0	19.72	0.094
			21100	2535.0	1	0	20.78	0.120
					1	12	20.83	0.121
					1	24	20.83	0.121
					12	0	19.69	0.093
					12	6	19.73	0.094
					12	13	19.72	0.094
					25	0	19.71	0.094
			21425	2567.5	1	0	20.84	0.121
					1	12	20.84	0.121
					1	24	20.83	0.121
					12	0	19.70	0.093
					12	6	19.75	0.094
					12	11	19.71	0.094
					25	0	19.69	0.093

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band7	10MHz	QPSK	20800	2505.0	1	0	21.67	0.147
					1	24	21.59	0.144
					1	49	21.53	0.142
					25	0	20.65	0.116
					25	12	20.66	0.116
					25	25	20.64	0.116
			21100	2535.0	50	0	20.63	0.116
					1	0	21.72	0.149
					1	24	21.61	0.145
					1	49	21.69	0.148
					25	0	20.68	0.117
					25	12	20.71	0.118
					25	25	20.70	0.117
					50	0	20.69	0.117
			21400	2565.0	1	0	21.54	0.143
					1	24	21.55	0.143
					1	49	21.60	0.145
					25	0	20.57	0.114
					25	12	20.61	0.115
					25	25	20.63	0.116
		16QAM	20800	2505.0	50	0	20.61	0.115
					1	0	20.93	0.124
					1	24	20.92	0.124
					1	49	20.94	0.124
					25	0	19.75	0.094
					25	12	19.79	0.095
			21100	2535.0	25	25	19.78	0.095
					50	0	19.77	0.095
					1	0	20.89	0.123
					1	24	20.82	0.121
					1	49	20.96	0.125
					25	0	19.74	0.094
			21400	2565.0	25	12	19.75	0.094
					25	25	19.77	0.095
					50	0	19.76	0.095
					1	0	20.92	0.124
					1	24	20.91	0.123
					1	49	20.87	0.122
					25	0	19.70	0.093
					25	12	19.76	0.095
					25	25	19.70	0.093
					50	0	19.68	0.093

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band7	15MHz	QPSK	20825	2507.5	1	0	21.71	0.148
					1	37	21.57	0.144
					1	74	21.71	0.148
					36	0	20.67	0.117
					36	19	20.73	0.118
					36	39	20.72	0.118
					75	0	20.69	0.117
			21100	2535.0	1	0	21.75	0.150
					1	37	21.62	0.145
					1	74	21.74	0.149
					36	0	20.67	0.117
					36	19	20.73	0.118
					36	39	20.72	0.118
					75	0	20.69	0.117
			21375	2562.5	1	0	21.69	0.148
					1	37	21.58	0.144
					1	74	21.66	0.147
					36	0	20.73	0.118
					36	19	20.76	0.119
					36	39	20.65	0.116
					75	0	20.74	0.119
		16QAM	20825	2507.5	1	0	21.04	0.127
					1	37	20.97	0.125
					1	74	21.15	0.130
					36	0	19.85	0.097
					36	19	19.86	0.097
					36	39	19.87	0.097
					75	0	19.87	0.097
			21100	2535.0	1	0	20.95	0.124
					1	37	20.90	0.123
					1	74	21.03	0.127
					36	0	19.75	0.094
					36	19	19.80	0.095
					36	39	19.85	0.097
					75	0	19.77	0.095
			21375	2562.5	1	0	21.11	0.129
					1	37	21.00	0.126
					1	74	20.94	0.124
					36	0	19.88	0.097
					36	19	19.90	0.098
					36	39	19.75	0.094
					75	0	19.85	0.097

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band7	20MHz	QPSK	20850	2510.0	1	0	21.69	0.148
					1	49	21.54	0.143
					1	99	21.66	0.147
					50	0	20.67	0.117
					50	25	20.70	0.117
					50	50	20.68	0.117
					100	0	20.67	0.117
			21100	2535.0	1	0	21.69	0.148
					1	49	21.62	0.145
					1	99	21.72	0.149
					50	0	20.70	0.117
					50	25	20.75	0.119
					50	50	20.78	0.120
					100	0	20.74	0.119
			21350	2560.0	1	0	21.67	0.147
					1	49	21.60	0.145
					1	99	21.62	0.145
					50	0	20.71	0.118
					50	25	20.76	0.119
					50	50	20.65	0.116
					100	0	20.76	0.119
		16QAM	20850	2510.0	1	0	20.99	0.126
					1	49	20.91	0.123
					1	99	20.90	0.123
					50	0	19.77	0.095
					50	25	19.80	0.095
					50	50	19.83	0.096
					100	0	19.82	0.096
			21100	2535.0	1	0	20.94	0.124
					1	49	20.89	0.123
					1	99	21.11	0.129
					50	0	19.75	0.094
					50	25	19.82	0.096
					50	50	19.85	0.097
					100	0	19.81	0.096
			21350	2560.0	1	0	21.09	0.129
					1	49	20.94	0.124
					1	99	20.90	0.123
					50	0	19.85	0.097
					50	25	19.87	0.097
					50	50	19.73	0.094
					100	0	19.88	0.097

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band12	1.4MHz	QPSK	23017	699.7	1	0	20.67	0.117
					1	2	20.73	0.118
					1	5	20.65	0.116
					3	0	20.76	0.119
					3	1	20.77	0.119
					3	3	20.69	0.117
					6	0	19.70	0.093
			23095	707.5	1	0	20.44	0.111
					1	2	20.50	0.112
					1	5	20.44	0.111
					3	0	20.51	0.112
					3	1	20.53	0.113
					3	3	20.49	0.112
					6	0	19.49	0.089
			23173	715.3	1	0	20.39	0.109
					1	2	20.45	0.111
					1	5	20.39	0.109
					3	0	20.42	0.110
					3	1	20.46	0.111
					3	3	20.45	0.111
					6	0	19.44	0.088
		16QAM	23017	699.7	1	0	20.05	0.101
					1	2	20.13	0.103
					1	5	20.02	0.100
					3	0	19.92	0.098
					3	1	19.99	0.100
					3	3	19.92	0.098
					6	0	18.87	0.077
			23095	707.5	1	0	19.82	0.096
					1	2	19.87	0.097
					1	5	19.77	0.095
					3	0	19.68	0.093
					3	1	19.74	0.094
					3	3	19.67	0.093
					6	0	18.67	0.074
			23173	715.3	1	0	19.75	0.094
					1	2	19.81	0.096
					1	5	19.71	0.094
					3	0	19.61	0.091
					3	1	19.67	0.093
					3	3	19.64	0.092
					6	0	18.64	0.073

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band12	3MHz	QPSK	23025	700.5	1	0	20.71	0.118
					1	7	20.78	0.120
					1	14	20.65	0.116
					8	0	19.75	0.094
					8	3	19.73	0.094
					8	7	19.68	0.093
					15	0	19.73	0.094
			23095	707.5	1	0	20.52	0.113
					1	7	20.62	0.115
					1	14	20.49	0.112
					8	0	19.54	0.090
					8	3	19.58	0.091
					8	7	19.56	0.090
					15	0	19.54	0.090
			23165	714.5	1	0	20.43	0.110
					1	7	20.58	0.114
					1	14	20.46	0.111
					8	0	19.45	0.088
					8	3	19.54	0.090
					8	7	19.51	0.089
					15	0	19.47	0.089
		16QAM	23025	700.5	1	0	20.08	0.102
					1	7	20.14	0.103
					1	14	20.02	0.100
					8	0	18.91	0.078
					8	3	18.90	0.078
					8	7	18.84	0.077
					15	0	18.80	0.076
			23095	707.5	1	0	19.87	0.097
					1	7	19.97	0.099
					1	14	19.80	0.095
					8	0	18.65	0.073
					8	3	18.70	0.074
					8	7	18.68	0.074
					15	0	18.66	0.073
			23165	714.5	1	0	19.75	0.094
					1	7	19.91	0.098
					1	14	19.75	0.094
					8	0	18.60	0.072
					8	3	18.66	0.073
					8	7	18.66	0.073
					15	0	18.56	0.072



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band12	5MHz	QPSK	23035	701.5	1	0	20.73	0.118
					1	12	20.66	0.116
					1	24	20.58	0.114
					12	0	19.72	0.094
					12	6	19.77	0.095
					12	13	19.68	0.093
					25	0	19.72	0.094
			23095	707.5	1	0	20.50	0.112
					1	12	20.51	0.112
					1	24	20.51	0.112
					12	0	19.54	0.090
					12	6	19.59	0.091
					12	13	19.57	0.091
					25	0	19.54	0.090
			23155	713.5	1	0	20.43	0.110
					1	12	20.45	0.111
					1	24	20.47	0.111
					12	0	19.50	0.089
					12	6	19.50	0.089
					12	13	19.51	0.089
					25	0	19.50	0.089
		16QAM	23035	701.5	1	0	20.11	0.103
					1	12	20.01	0.100
					1	24	19.99	0.100
					12	0	18.87	0.077
					12	6	18.91	0.078
					12	13	18.82	0.076
					25	0	18.79	0.076
			23095	707.5	1	0	19.89	0.097
					1	12	19.83	0.096
					1	24	19.83	0.096
					12	0	18.70	0.074
					12	6	18.71	0.074
					12	13	18.68	0.074
					25	0	18.66	0.073
			23155	713.5	1	0	19.80	0.095
					1	12	19.81	0.096
					1	24	19.80	0.095
					12	0	18.66	0.073
					12	6	18.67	0.074
					12	11	18.63	0.073
					25	0	18.59	0.072

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band12	10MHz	QPSK	23060	704.0	1	0	20.70	0.117
					1	24	20.60	0.115
					1	49	20.52	0.113
					25	0	19.68	0.093
					25	12	19.68	0.093
					25	25	19.60	0.091
			23095	707.5	50	0	19.62	0.092
					1	0	20.57	0.114
					1	24	20.53	0.113
					1	49	20.52	0.113
					25	0	19.55	0.090
					25	12	19.58	0.091
					25	25	19.58	0.091
					50	0	19.56	0.090
			23130	711.0	1	0	20.49	0.112
					1	24	20.47	0.111
					1	49	20.53	0.113
					25	0	19.52	0.090
					25	12	19.62	0.092
					25	25	19.56	0.090
		16QAM	23060	704.0	50	0	18.42	0.070
					1	0	20.00	0.100
					1	24	19.99	0.100
					1	49	19.86	0.097
					25	0	18.80	0.076
					25	12	18.75	0.075
			23095	707.5	25	25	18.72	0.074
					50	0	18.75	0.075
					1	0	19.94	0.099
					1	24	19.86	0.097
					1	49	19.89	0.097
					25	0	18.69	0.074
					25	12	18.68	0.074
					25	25	18.64	0.073
			23130	711.0	50	0	18.65	0.073
					1	0	19.85	0.097
					1	24	19.85	0.097
					1	49	19.84	0.096
					25	0	18.60	0.072
					25	12	18.66	0.073
					25	25	18.64	0.073
					50	0	17.48	0.056



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band17	5MHz	QPSK	23755	706.5	1	0	21.52	0.142
					1	12	21.51	0.142
					1	24	21.49	0.141
					12	0	20.54	0.113
					12	6	20.55	0.114
					12	13	20.54	0.113
					25	0	20.56	0.114
			23790	710.0	1	0	21.45	0.140
					1	12	21.55	0.143
					1	24	21.53	0.142
					12	0	20.58	0.114
					12	6	20.62	0.115
					12	13	20.62	0.115
					25	0	20.60	0.115
			23825	713.5	1	0	21.49	0.141
					1	12	21.52	0.142
					1	24	21.53	0.142
					12	0	20.56	0.114
					12	6	20.59	0.115
					12	13	20.57	0.114
					25	0	20.59	0.115
		16QAM	23755	706.5	1	0	20.84	0.121
					1	12	20.81	0.121
					1	24	20.80	0.120
					12	0	19.68	0.093
					12	6	19.65	0.092
					12	13	19.67	0.093
					25	0	19.65	0.092
			23790	710.0	1	0	20.84	0.121
					1	12	20.88	0.122
					1	24	20.88	0.122
					12	0	19.71	0.094
					12	6	19.75	0.094
					12	13	19.74	0.094
					25	0	19.66	0.092
			23825	713.5	1	0	20.89	0.123
					1	12	20.85	0.122
					1	24	20.80	0.120
					12	0	19.69	0.093
					12	6	19.71	0.094
					12	11	19.68	0.093
					25	0	19.68	0.093

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band17	10MHz	QPSK	23780	709.0	1	0	21.51	0.142
					1	24	21.47	0.140
					1	49	21.55	0.143
					25	0	20.52	0.113
					25	12	20.64	0.116
					25	25	20.63	0.116
			23790	710.0	50	0	19.82	0.096
					1	0	21.49	0.141
					1	24	21.56	0.143
					1	49	21.54	0.143
					25	0	20.60	0.115
					25	12	20.66	0.116
					25	25	20.61	0.115
					50	0	20.59	0.115
			23800	711.0	1	0	21.44	0.139
					1	24	21.55	0.143
					1	49	21.55	0.143
					25	0	20.59	0.115
					25	12	20.63	0.116
					25	25	20.60	0.115
					50	0	20.59	0.115
		16QAM	23780	709.0	1	0	20.83	0.121
					1	24	20.82	0.121
					1	49	20.86	0.122
					25	0	19.61	0.091
					25	12	19.69	0.093
					25	25	19.70	0.093
			23790	710.0	50	0	18.88	0.077
					1	0	20.82	0.121
					1	24	20.90	0.123
					1	49	20.84	0.121
					25	0	19.67	0.093
					25	12	19.72	0.094
					25	25	19.70	0.093
			23800	711.0	50	0	19.65	0.092
					1	0	20.75	0.119
					1	24	20.90	0.123
					1	49	20.78	0.120
					25	0	19.68	0.093
					25	12	19.70	0.093
					25	25	19.69	0.093
					50	0	19.65	0.092



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band38	5MHz	QPSK	37775	2572.5	1	0	24.12	0.258
					1	12	24.16	0.261
					1	24	24.13	0.259
					12	0	23.23	0.210
					12	6	23.25	0.211
					12	13	23.25	0.211
					25	0	23.24	0.211
			38000	2595.0	1	0	23.87	0.244
					1	12	23.93	0.247
					1	24	23.90	0.245
					12	0	22.99	0.199
					12	6	23.01	0.200
					12	13	23.01	0.200
					25	0	23.00	0.200
			38225	2617.5	1	0	23.96	0.249
					1	12	23.99	0.251
					1	24	23.98	0.250
					12	0	23.09	0.204
					12	6	23.11	0.205
					12	13	23.11	0.205
					25	0	23.12	0.205
		16QAM	37775	2572.5	1	0	23.41	0.219
					1	12	23.43	0.220
					1	24	23.41	0.219
					12	0	22.35	0.172
					12	6	22.39	0.173
					12	13	22.36	0.172
					25	0	22.29	0.169
			38000	2595.0	1	0	23.15	0.207
					1	12	23.14	0.206
					1	24	23.16	0.207
					12	0	22.08	0.161
					12	6	22.12	0.163
					12	13	22.10	0.162
					25	0	22.02	0.159
			38225	2617.5	1	0	23.25	0.211
					1	12	23.24	0.211
					1	24	23.30	0.214
					12	0	22.18	0.165
					12	6	22.20	0.166
					12	11	22.19	0.166
					25	0	22.14	0.164

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band38	10MHz	QPSK	37800	2575.0	1	0	24.14	0.259
					1	24	24.18	0.262
					1	49	24.07	0.255
					25	0	23.25	0.211
					25	12	23.31	0.214
					25	25	23.18	0.208
			38000	2595.0	50	0	23.20	0.209
					1	0	24.02	0.252
					1	24	23.96	0.249
					1	49	23.96	0.249
					25	0	23.01	0.200
					25	12	23.07	0.203
					25	25	23.05	0.202
					50	0	23.07	0.203
			38200	2615.0	1	0	24.00	0.251
					1	24	24.02	0.252
					1	49	24.03	0.253
					25	0	23.09	0.204
					25	12	23.15	0.207
					25	25	23.14	0.206
					50	0	23.14	0.206
		16QAM	37800	2575.0	1	0	23.45	0.221
					1	24	23.44	0.221
					1	49	23.37	0.217
					25	0	22.34	0.171
					25	12	22.35	0.172
					25	25	22.22	0.167
			38000	2595.0	50	0	22.26	0.168
					1	0	23.28	0.213
					1	24	23.19	0.208
					1	49	23.19	0.208
					25	0	22.04	0.160
					25	12	22.05	0.160
					25	25	22.05	0.160
			38200	2615.0	50	0	22.12	0.163
					1	0	23.25	0.211
					1	24	23.26	0.212
					1	49	23.28	0.213
					25	0	22.11	0.163
					25	12	22.18	0.165
					25	25	22.15	0.164
					50	0	22.20	0.166



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band38	15MHz	QPSK	37825	2577.5	1	0	24.20	0.263
					1	37	24.13	0.259
					1	74	24.10	0.257
					36	0	23.33	0.215
					36	19	23.25	0.211
					36	39	23.22	0.210
			38000	2595.0	75	0	23.25	0.211
					1	0	24.04	0.254
					1	37	23.89	0.245
					1	74	23.98	0.250
					36	0	23.04	0.201
					36	19	23.10	0.204
					36	39	23.07	0.203
					75	0	23.06	0.202
			38175	2612.5	1	0	24.02	0.252
					1	37	24.02	0.252
					1	74	24.06	0.255
					36	0	23.11	0.205
					36	19	23.16	0.207
					36	39	23.13	0.206
					75	0	23.17	0.207
		16QAM	37825	2577.5	1	0	23.52	0.225
					1	37	23.44	0.221
					1	74	23.39	0.218
					36	0	22.40	0.174
					36	19	22.33	0.171
					36	39	22.32	0.171
			38000	2595.0	75	0	22.31	0.170
					1	0	23.30	0.214
					1	37	23.18	0.208
					1	74	23.20	0.209
					36	0	22.16	0.164
					36	19	22.17	0.165
					36	39	22.13	0.163
					75	0	22.15	0.164
			38175	2612.5	1	0	23.27	0.212
					1	37	23.26	0.212
					1	74	23.33	0.215
					36	0	22.21	0.166
					36	19	22.23	0.167
					36	39	22.21	0.166
					75	0	22.26	0.168

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band38	20MHz	QPSK	37850	2580.0	1	0	24.19	0.262
					1	49	24.05	0.254
					1	99	23.99	0.251
					50	0	23.23	0.210
					50	25	23.26	0.212
					50	50	23.16	0.207
					100	0	23.25	0.211
			38000	2595.0	1	0	24.04	0.254
					1	49	23.94	0.248
					1	99	23.93	0.247
					50	0	23.09	0.204
					50	25	23.09	0.204
					50	50	23.13	0.206
					100	0	23.13	0.206
			38150	2610.0	1	0	24.00	0.251
					1	49	24.01	0.252
					1	99	24.02	0.252
					50	0	23.17	0.207
					50	25	23.20	0.209
					50	50	23.18	0.208
					100	0	23.17	0.207
		16QAM	37850	2580.0	1	0	23.48	0.223
					1	49	23.38	0.218
					1	99	23.26	0.212
					50	0	22.32	0.171
					50	25	22.33	0.171
					50	50	22.23	0.167
					100	0	22.36	0.172
			38000	2595.0	1	0	23.30	0.214
					1	49	23.17	0.207
					1	99	23.20	0.209
					50	0	22.15	0.164
					50	25	22.16	0.164
					50	50	22.16	0.164
					100	0	22.23	0.167
			38150	2610.0	1	0	23.22	0.210
					1	49	23.25	0.211
					1	99	23.31	0.214
					50	0	22.20	0.166
					50	25	22.25	0.168
					50	50	22.24	0.167
					100	0	22.26	0.168



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band40	5MHz	QPSK	38725	2307.5	1	0	21.16	0.131
					1	12	21.17	0.131
					1	24	21.16	0.131
					12	0	20.23	0.105
					12	6	20.26	0.106
					12	13	20.24	0.106
					25	0	20.24	0.106
			38750	2310.0	1	0	21.21	0.132
					1	12	21.20	0.132
					1	24	21.10	0.129
					12	0	20.27	0.106
					12	6	20.20	0.105
					12	13	20.18	0.104
					25	0	20.16	0.104
			38775	2312.5	1	0	21.22	0.132
					1	12	21.12	0.129
					1	24	21.08	0.128
					12	0	20.17	0.104
					12	6	20.21	0.105
					12	13	20.15	0.104
					25	0	20.16	0.104
		16QAM	38725	2307.5	1	0	20.50	0.112
					1	12	20.48	0.112
					1	24	20.52	0.113
					12	0	19.41	0.087
					12	6	19.41	0.087
					12	13	19.38	0.087
					25	0	19.31	0.085
			38750	2310.0	1	0	20.53	0.113
					1	12	20.54	0.113
					1	24	20.49	0.112
					12	0	19.39	0.087
					12	6	19.35	0.086
					12	13	19.38	0.087
					25	0	19.28	0.085
			38775	2312.5	1	0	20.56	0.114
					1	12	20.45	0.111
					1	24	20.45	0.111
					12	0	19.35	0.086
					12	6	19.35	0.086
					12	13	19.34	0.086
					25	0	19.28	0.085



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band40	10MHz	QPSK	38750	2310.0	1	0	14.84	0.030
					1	24	14.80	0.030
					1	49	14.76	0.030
					25	0	13.97	0.025
					25	12	13.83	0.024
					25	25	13.81	0.024
					50	0	13.79	0.024
		16QAM	38750	2310.0	1	0	14.01	0.025
					1	12	13.99	0.025
					1	24	13.90	0.025
					12	0	13.00	0.020
					12	6	12.88	0.019
					12	13	12.90	0.019
					25	0	12.91	0.020



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band40	5MHz	QPSK	39175	2352.5	1	0	20.77	0.119
					1	12	20.74	0.119
					1	24	20.76	0.119
					12	0	19.78	0.095
					12	6	19.79	0.095
					12	13	19.80	0.095
					25	0	19.81	0.096
			39200	2355.0	1	0	20.76	0.119
					1	12	20.74	0.119
					1	24	20.72	0.118
					12	0	19.81	0.096
					12	6	19.81	0.096
					12	13	19.81	0.096
					25	0	19.79	0.095
			39225	2357.5	1	0	20.80	0.120
					1	12	20.79	0.120
					1	24	20.75	0.119
					12	0	19.83	0.096
					12	6	19.81	0.096
					12	13	19.79	0.095
					25	0	19.81	0.096
		16QAM	39175	2352.5	1	0	20.15	0.104
					1	12	20.18	0.104
					1	24	20.14	0.103
					12	0	18.94	0.078
					12	6	19.01	0.080
					12	13	18.99	0.079
					25	0	18.91	0.078
			39200	2355.0	1	0	20.15	0.104
					1	12	20.18	0.104
					1	24	20.18	0.104
					12	0	19.01	0.080
					12	6	19.01	0.080
					12	13	18.98	0.079
					25	0	18.92	0.078
			39225	2357.5	1	0	20.19	0.104
					1	12	20.18	0.104
					1	24	20.15	0.104
					12	0	18.97	0.079
					12	6	19.02	0.080
					12	11	18.98	0.079
					25	0	18.90	0.078



Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band40	10MHz	QPSK	39200	2355.0	1	0	14.42	0.028
					1	24	14.40	0.028
					1	49	14.37	0.027
					25	0	13.47	0.022
					25	12	13.45	0.022
					25	25	13.42	0.022
					50	0	13.48	0.022
		16QAM	39200	2355.0	1	0	13.95	0.025
					1	24	14.03	0.025
					1	49	13.96	0.025
					25	0	12.96	0.020
					25	12	12.93	0.020
					25	25	12.89	0.019
					50	0	12.92	0.020

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	5MHz	QPSK	40265	2557.5	1	0	24.18	0.262
					1	12	24.16	0.261
					1	24	24.15	0.260
					12	0	23.21	0.209
					12	6	23.25	0.211
					12	13	23.25	0.211
			40585	2589.5	25	0	23.26	0.212
					1	0	23.94	0.248
					1	12	23.98	0.250
					1	24	23.96	0.249
					12	0	23.05	0.202
					12	6	23.11	0.205
					12	13	23.10	0.204
					25	0	23.07	0.203
			40740	2605.0	1	0	23.97	0.249
					1	12	23.99	0.251
					1	24	23.99	0.251
					12	0	23.12	0.205
					12	6	23.15	0.207
					12	13	23.14	0.206
			40905	2621.5	25	0	23.10	0.204
					1	0	24.01	0.252
					1	12	24.04	0.254
					1	24	23.99	0.251
					12	0	23.11	0.205
					12	6	23.15	0.207
			41215	2652.5	12	13	23.14	0.206
					25	0	23.10	0.204
					1	0	24.05	0.254
					1	12	24.05	0.254
					1	24	24.06	0.255
					12	0	23.09	0.204
					12	6	23.14	0.206
					12	13	23.12	0.205
					25	0	23.12	0.205
		16QAM	40265	2557.5	1	0	23.57	0.228
					1	12	23.56	0.227
					1	24	23.56	0.227
					12	0	22.38	0.173
					12	6	22.41	0.174
					12	13	22.42	0.175
					25	0	22.37	0.173

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	5MHz	16QAM	40585	2589.5	1	0	23.27	0.212
					1	12	23.29	0.213
					1	24	23.28	0.213
					12	0	22.16	0.164
					12	6	22.22	0.167
					12	13	22.16	0.164
					25	0	22.11	0.163
			40740	2605.0	1	0	23.28	0.213
					1	12	23.28	0.213
					1	24	23.29	0.213
					12	0	22.21	0.166
					12	6	22.23	0.167
					12	13	22.20	0.166
					25	0	22.14	0.164
			40905	2621.5	1	0	23.30	0.214
					1	12	23.31	0.214
					1	24	23.37	0.217
					12	0	22.22	0.167
					12	6	22.27	0.169
					12	13	22.25	0.168
					25	0	22.21	0.166
			41215	2652.5	1	0	23.44	0.221
					1	12	23.43	0.220
					1	24	23.44	0.221
					12	0	22.31	0.170
					12	6	22.30	0.170
					12	11	22.31	0.170
					25	0	22.22	0.167
	10MHz	QPSK	40290	2560.0	1	0	24.20	0.263
					1	24	24.19	0.262
					1	49	24.17	0.261
					25	0	23.24	0.211
					25	12	23.26	0.212
					25	25	23.27	0.212
					50	0	23.24	0.211
			40590	2590.0	1	0	23.98	0.250
					1	24	23.98	0.250
					1	49	23.98	0.250
					25	0	23.04	0.201
					25	12	23.07	0.203
					25	25	23.05	0.202
					50	0	23.11	0.205

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	10MHz	QPSK	40740	2605.0	1	0	23.99	0.251
					1	24	24.03	0.253
					1	49	24.04	0.254
					25	0	23.09	0.204
					25	12	23.15	0.207
					25	25	23.12	0.205
			40890	2620.0	50	0	23.16	0.207
					1	0	24.04	0.254
					1	24	24.04	0.254
					1	49	24.06	0.255
					25	0	23.11	0.205
					25	12	23.17	0.207
					25	25	23.11	0.205
					50	0	23.17	0.207
			41190	2650.0	1	0	24.08	0.256
					1	24	24.05	0.254
					1	49	24.08	0.256
					25	0	23.11	0.205
					25	12	23.16	0.207
					25	25	23.13	0.206
		16QAM	40290	2560.0	50	0	23.17	0.207
					1	0	23.58	0.228
					1	24	23.55	0.226
					1	49	23.56	0.227
					25	0	22.34	0.171
					25	12	22.37	0.173
			40590	2590.0	25	25	22.38	0.173
					50	0	22.39	0.173
					1	0	23.27	0.212
					1	24	23.27	0.212
					1	49	23.28	0.213
					25	0	22.13	0.163
					25	12	22.15	0.164
					25	25	22.15	0.164
			40740	2605.0	50	0	22.15	0.164
					1	0	23.29	0.213
					1	24	23.26	0.212
					1	49	23.29	0.213
					25	0	22.12	0.163
					25	12	22.16	0.164
					25	25	22.16	0.164
					50	0	22.23	0.167

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	10MHz	16QAM	40890	2620.0	1	0	23.33	0.215
					1	24	23.33	0.215
					1	49	23.37	0.217
					25	0	22.20	0.166
					25	12	22.24	0.167
					25	25	22.20	0.166
					50	0	22.23	0.167
			41190	2650.0	1	0	23.48	0.223
					1	24	23.43	0.220
					1	49	23.45	0.221
					25	0	22.25	0.168
					25	12	22.27	0.169
					25	25	22.24	0.167
					50	0	22.30	0.170
	15MHz	QPSK	40315	2562.5	1	0	24.26	0.267
					1	37	24.20	0.263
					1	74	24.10	0.257
					36	0	23.33	0.215
					36	19	23.34	0.216
					36	39	23.19	0.208
					75	0	23.19	0.208
			40595	2590.5	1	0	24.10	0.257
					1	37	23.96	0.249
					1	74	24.01	0.252
					36	0	23.11	0.205
					36	19	23.13	0.206
					36	39	23.10	0.204
					75	0	23.10	0.204
			40740	2605.0	1	0	24.01	0.252
					1	37	24.02	0.252
					1	74	24.06	0.255
					36	0	23.14	0.206
					36	19	23.16	0.207
					36	39	23.13	0.206
					75	0	23.13	0.206
			40885	2619.5	1	0	24.07	0.255
					1	37	24.05	0.254
					1	74	24.12	0.258
					36	0	23.16	0.207
					36	19	23.17	0.207
					36	39	23.17	0.207
					75	0	23.17	0.207

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	15MHz	QPSK	41165	2647.5	1	0	24.14	0.259
					1	37	24.09	0.256
					1	74	24.11	0.258
					36	0	23.19	0.208
					36	19	23.24	0.211
					36	39	23.19	0.208
					75	0	23.19	0.208
		16QAM	40315	2562.5	1	0	23.66	0.232
					1	37	23.57	0.228
					1	74	23.47	0.222
					36	0	22.49	0.177
					36	19	22.49	0.177
					36	39	22.35	0.172
					75	0	22.34	0.171
			40595	2590.5	1	0	23.46	0.222
					1	37	23.25	0.211
					1	74	23.30	0.214
					36	0	22.25	0.168
					36	19	22.21	0.166
					36	39	22.20	0.166
					75	0	22.19	0.166
			40740	2605.0	1	0	23.28	0.213
					1	37	23.27	0.212
					1	74	23.30	0.214
					36	0	22.21	0.166
					36	19	22.24	0.167
					36	39	22.23	0.167
					75	0	22.22	0.167
			40885	2619.5	1	0	23.33	0.215
					1	37	23.33	0.215
					1	74	23.47	0.222
					36	0	22.28	0.169
					36	19	22.30	0.170
					36	39	22.33	0.171
					75	0	22.28	0.169
			41165	2647.5	1	0	23.53	0.225
					1	37	23.49	0.223
					1	74	23.48	0.223
					36	0	22.38	0.173
					36	19	22.40	0.174
					36	39	22.34	0.171
					75	0	22.35	0.172

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	20MHz	QPSK	40340	2565.0	1	0	24.27	0.267
					1	49	24.20	0.263
					1	99	24.07	0.255
					50	0	23.33	0.215
					50	25	23.23	0.210
					50	50	23.22	0.210
					100	0	23.20	0.209
			40600	2591.0	1	0	24.08	0.256
					1	49	23.99	0.251
					1	99	24.00	0.251
					50	0	23.13	0.206
					50	25	23.15	0.207
					50	50	23.14	0.206
					100	0	23.15	0.207
			40740	2605.0	1	0	24.03	0.253
					1	49	24.00	0.251
					1	99	24.01	0.252
					50	0	23.16	0.207
					50	25	23.18	0.208
					50	50	23.18	0.208
					100	0	23.19	0.208
			40870	2618.0	1	0	24.04	0.254
					1	49	24.04	0.254
					1	99	24.08	0.256
					50	0	23.17	0.207
					50	25	23.20	0.209
					50	50	23.18	0.208
					100	0	23.23	0.210
			41140	2645.0	1	0	24.12	0.258
					1	49	24.11	0.258
					1	99	24.09	0.256
					50	0	23.17	0.207
					50	25	23.20	0.209
					50	50	23.15	0.207
					100	0	23.19	0.208
		16QAM	40340	2565.0	1	0	23.70	0.234
					1	49	23.57	0.228
					1	99	23.42	0.220
					50	0	22.41	0.174
					50	25	22.31	0.170
					50	50	22.27	0.169
					100	0	22.37	0.173

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band41	20MHz	16QAM	40600	2591.0	1	0	23.41	0.219
					1	49	23.27	0.212
					1	99	23.26	0.212
					50	0	22.24	0.167
					50	25	22.26	0.168
					50	50	22.21	0.166
					100	0	22.3	0.170
			40740	2605.0	1	0	23.3	0.214
					1	49	23.3	0.214
					1	99	23.29	0.213
					50	0	22.24	0.167
					50	25	22.26	0.168
					50	50	22.27	0.169
					100	0	22.28	0.169
			40870	2618.0	1	0	23.3	0.214
					1	49	23.35	0.216
					1	99	23.42	0.220
					50	0	22.26	0.168
					50	25	22.3	0.170
					50	50	22.27	0.169
					100	0	22.31	0.170
			41140	2645.0	1	0	23.54	0.226
					1	49	23.46	0.222
					1	99	23.46	0.222
					50	0	22.32	0.171
					50	25	22.3	0.170
					50	50	22.27	0.169
					100	0	22.38	0.173

Effective Radiated Power / Equivalent Isotropic Radiated Power

LTE Band 2										
Channel Bandwidth	Modulation	CH	Frequency (MHz)	RB Configuration		Average Power (dBm)	Antenna Gain (dBi)	E.I.R.P.		Limit (W)
				Size	Offset			(dBm)	(W)	
1.4 MHz	QPSK	18900	1880.0	1	0	23.38	0.40	23.78	0.24	< 2
3 MHz	QPSK	18900	1880.0	1	7	23.47	0.40	23.87	0.24	< 2
5 MHz	QPSK	18900	1880.0	1	12	23.41	0.40	23.81	0.24	< 2
10 MHz	QPSK	18900	1880.0	1	0	23.50	0.40	23.90	0.25	< 2
15 MHz	QPSK	18900	1880.0	1	0	23.40	0.40	23.80	0.24	< 2
20 MHz	QPSK	18700	1860.0	1	0	23.44	0.40	23.84	0.24	< 2

LTE Band 4										
Channel Bandwidth	Modulation	CH	Frequency (MHz)	RB Configuration		Average Power (dBm)	Antenna Gain (dBi)	E.I.R.P.		Limit (W)
				Size	Offset			(dBm)	(W)	
1.4 MHz	QPSK	20175	1732.5	3	1	23.03	0.80	23.83	0.24	< 1
3 MHz	QPSK	20175	1732.5	1	7	23.07	0.80	23.87	0.24	< 1
5 MHz	QPSK	19975	1712.5	1	0	22.97	0.80	23.77	0.24	< 1
10 MHz	QPSK	20175	1732.5	1	0	23.03	0.80	23.83	0.24	< 1
15 MHz	QPSK	20175	1732.5	1	0	23.05	0.80	23.85	0.24	< 1
20 MHz	QPSK	20300	1745.0	1	0	23.00	0.80	23.80	0.24	< 1

LTE Band 5										
Channel Bandwidth	Modulation	CH	Frequency (MHz)	RB Configuration		Average Power (dBm)	Antenna Gain (dBi)	E.R.P.		Limit (W)
				Size	Offset			(dBm)	(W)	
1.4 MHz	QPSK	20525	836.5	3	1	21.86	-2.60	17.11	0.05	< 7
3 MHz	QPSK	20525	836.5	1	7	21.92	-2.60	17.17	0.05	< 7
5 MHz	QPSK	20525	836.5	1	12	21.83	-2.60	17.08	0.05	< 7
10 MHz	QPSK	20525	836.5	1	24	21.83	-2.60	17.08	0.05	< 7

LTE Band 7										
Channel Bandwidth	Modulation	CH	Frequency (MHz)	RB Configuration		Average Power (dBm)	Antenna Gain (dBi)	E.I.R.P.		Limit (W)
				Size	Offset			(dBm)	(W)	
5 MHz	QPSK	20775	2502.5	1	12	21.66	2.20	23.86	0.24	< 2
10 MHz	QPSK	21100	2535.0	1	0	21.72	2.20	23.92	0.25	< 2
15 MHz	QPSK	21100	2535.0	1	0	21.75	2.20	23.95	0.25	< 2
20 MHz	QPSK	21100	2535.0	1	99	21.72	2.20	23.92	0.25	< 2

Note: ERP = Avg Conducted power + Antenna Gain - 2.15, EIRP = Avg Conducted power + Antenna Gain

LTE Band 12										
Channel Bandwidth	Modulation	CH	Frequency (MHz)	RB Configuration		Average Power (dBm)	Antenna Gain (dBi)	E.R.P.		Limit (W)
				Size	Offset			(dBm)	(W)	
1.4 MHz	QPSK	23017	699.7	1	0	20.77	-1.40	17.22	0.05	< 3
3 MHz	QPSK	23025	700.5	1	7	20.78	-1.40	17.23	0.05	< 3
5 MHz	QPSK	23035	701.5	1	0	20.73	-1.40	17.18	0.05	< 3
10 MHz	QPSK	23060	704.0	1	0	20.70	-1.40	17.15	0.05	< 3

LTE Band 17										
Channel Bandwidth	Modulation	CH	Frequency (MHz)	RB Configuration		Average Power (dBm)	Antenna Gain (dBi)	E.R.P.		Limit (W)
				Size	Offset			(dBm)	(W)	
5 MHz	QPSK	23790	710.0	1	0	21.55	-1.30	18.10	0.06	< 3
10 MHz	QPSK	23790	710.0	1	24	21.56	-1.30	18.11	0.06	< 3

LTE Band 38										
Channel Bandwidth	Modulation	CH	Frequency (MHz)	RB Configuration		Average Power (dBm)	Antenna Gain (dBi)	E.I.R.P.		Limit (W)
				Size	Offset			(dBm)	(W)	
5 MHz	QPSK	37775	2572.5	1	12	24.16	2.20	26.36	0.43	< 2
10 MHz	QPSK	37800	2575.0	1	24	24.18	2.20	26.38	0.43	< 2
15 MHz	QPSK	37825	2577.5	1	0	24.20	2.20	26.40	0.44	< 2
20 MHz	QPSK	37850	2580.0	1	0	24.19	2.20	26.39	0.44	< 2

LTE Band 40 (2305 ~ 2315 MHz)										
Channel Bandwidth	Modulation	CH	Frequency (MHz)	RB Configuration		Average Power (dBm)	Antenna Gain (dBi)	E.I.R.P.		Limit (W)
				Size	Offset			(dBm)	(W)	
5 MHz	QPSK	38775	2312.5	1	0	21.22	2.20	23.42	0.22	< 0.25/5MHz
10 MHz	QPSK	38750	2310.0	1	0	14.84	2.20	17.04	0.05	< 0.25/5MHz

LTE Band 40 (2350 ~ 2360 MHz)										
Channel Bandwidth	Modulation	CH	Frequency (MHz)	RB Configuration		Average Power (dBm)	Antenna Gain (dBi)	E.I.R.P.		Limit (W)
				Size	Offset			(dBm)	(W)	
5 MHz	QPSK	39225	2357.5	1	0	20.80	2.20	23.00	0.20	< 0.25/5MHz
10 MHz	QPSK	39200	2355.0	1	0	14.42	2.20	16.62	0.05	< 0.25/5MHz

LTE Band 41										
Channel Bandwidth	Modulation	CH	Frequency (MHz)	RB Configuration		Average Power (dBm)	Antenna Gain (dBi)	E.I.R.P.		Limit (W)
				Size	Offset			(dBm)	(W)	
5 MHz	QPSK	40265	2557.5	1	0	24.18	2.20	26.38	0.43	< 2
10 MHz	QPSK	40290	2560.0	1	0	24.20	2.20	26.40	0.44	< 2
15 MHz	QPSK	40315	2562.5	1	0	24.26	2.20	26.46	0.44	< 2
20 MHz	QPSK	40340	2565.0	1	0	24.27	2.20	26.47	0.44	< 2

Note: ERP = Avg Conducted power + Antenna Gain - 2.15, EIRP = Avg Conducted power + Antenna Gain



Radiated Emission

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1850.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_1.4M_QPSK_CH18607		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3701.400	-54.56	14.76	-39.80	-13.00	-26.80	peak
2	5552.100	-71.65	19.79	-51.86	-13.00	-38.86	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1850.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_1.4M_QPSK_CH18607		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3701.400	-55.82	14.76	-41.06	-13.00	-28.06	peak
2	5552.100	-68.92	19.79	-49.13	-13.00	-36.13	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_1.4M_QPSK_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-58.01	14.96	-43.05	-13.00	-30.05	peak
2	5640.000	-72.59	19.98	-52.61	-13.00	-39.61	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_1.4M_QPSK_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-60.70	14.96	-45.74	-13.00	-32.74	peak
2	5640.000	-71.83	19.98	-51.85	-13.00	-38.85	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1909.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_1.4M_QPSK_CH19193		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3818.600	-60.88	15.17	-45.71	-13.00	-32.71	peak
2	5727.900	-69.60	20.17	-49.43	-13.00	-36.43	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1909.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_1.4M_QPSK_CH19193		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3818.600	-62.65	15.17	-47.48	-13.00	-34.48	peak
2	5727.900	-69.51	20.17	-49.34	-13.00	-36.34	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_1.4M-16QAM_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-59.47	14.96	-44.51	-13.00	-31.51	peak
2	5640.000	-73.47	19.98	-53.49	-13.00	-40.49	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_1.4M-16QAM_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-60.85	14.96	-45.89	-13.00	-32.89	peak
2	5640.000	-71.94	19.98	-51.96	-13.00	-38.96	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1851.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_3M_QPSK_CH18615		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3703.000	-57.65	14.76	-42.89	-13.00	-29.89	peak
2	5554.500	-72.48	19.79	-52.69	-13.00	-39.69	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1851.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_3M_QPSK_CH18615		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3703.000	-56.84	14.76	-42.08	-13.00	-29.08	peak
2	5554.500	-70.08	19.79	-50.29	-13.00	-37.29	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_3M_QPSK_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-57.74	14.96	-42.78	-13.00	-29.78	peak
2	5640.000	-73.92	19.98	-53.94	-13.00	-40.94	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_3M_QPSK_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-59.32	14.96	-44.36	-13.00	-31.36	peak
2	5640.000	-72.21	19.98	-52.23	-13.00	-39.23	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1908.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_3M_QPSK_CH19185		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3817.000	-59.67	15.17	-44.50	-13.00	-31.50	peak
2	5725.500	-70.59	20.16	-50.43	-13.00	-37.43	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1908.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_3M_QPSK_CH19185		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3817.000	-62.42	15.17	-47.25	-13.00	-34.25	peak
2	5725.500	-70.44	20.16	-50.28	-13.00	-37.28	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_3M-16QAM_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-58.93	14.96	-43.97	-13.00	-30.97	peak
2	5640.000	-74.72	19.98	-54.74	-13.00	-41.74	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_3M-16QAM_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-60.17	14.96	-45.21	-13.00	-32.21	peak
2	5640.000	-73.70	19.98	-53.72	-13.00	-40.72	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1852.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_5M_QPSK_CH18625		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3705.000	-54.89	14.77	-40.12	-13.00	-27.12	peak
2	5557.500	-74.31	19.81	-54.50	-13.00	-41.50	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1852.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_5M_QPSK_CH18625		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3705.000	-54.57	14.77	-39.80	-13.00	-26.80	peak
2	5557.500	-68.86	19.81	-49.05	-13.00	-36.05	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_5M_QPSK_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-58.91	14.96	-43.95	-13.00	-30.95	peak
2	5640.000	-73.92	19.98	-53.94	-13.00	-40.94	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_5M_QPSK_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-58.02	14.96	-43.06	-13.00	-30.06	peak
2	5640.000	-73.99	19.98	-54.01	-13.00	-41.01	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1907.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_5M_QPSK_CH19175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3815.000	-60.46	15.15	-45.31	-13.00	-32.31	peak
2	5722.500	-73.71	20.16	-53.55	-13.00	-40.55	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1907.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_5M_QPSK_CH19175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3815.000	-59.06	15.15	-43.91	-13.00	-30.91	peak
2	5722.500	-72.92	20.16	-52.76	-13.00	-39.76	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_5M-16QAM_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-59.50	14.96	-44.54	-13.00	-31.54	peak
2	5640.000	-74.55	19.98	-54.57	-13.00	-41.57	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_5M-16QAM_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-58.44	14.96	-43.48	-13.00	-30.48	peak
2	5640.000	-75.67	19.98	-55.69	-13.00	-42.69	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1855MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_10M_QPSK_CH18650		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3710.000	-56.82	14.79	-42.03	-13.00	-29.03	peak
2	5565.000	-73.65	19.81	-53.84	-13.00	-40.84	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1855MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_10M_QPSK_CH18650		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3710.000	-56.45	14.79	-41.66	-13.00	-28.66	peak
2	5565.000	-68.93	19.81	-49.12	-13.00	-36.12	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_10M_QPSK_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-60.17	14.96	-45.21	-13.00	-32.21	peak
2	5640.000	-73.65	19.98	-53.67	-13.00	-40.67	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_10M_QPSK_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-58.36	14.96	-43.40	-13.00	-30.40	peak
2	5640.000	-73.64	19.98	-53.66	-13.00	-40.66	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1905MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_10M_QPSK_CH19150		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3810.000	-65.35	15.14	-50.21	-13.00	-37.21	peak
2	5715.000	-74.64	20.14	-54.50	-13.00	-41.50	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1905MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_10M_QPSK_CH19150		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3810.000	-61.51	15.14	-46.37	-13.00	-33.37	peak
2	5715.000	-70.93	20.14	-50.79	-13.00	-37.79	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_10M-16QAM_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-60.84	14.96	-45.88	-13.00	-32.88	peak
2	5640.000	-73.81	19.98	-53.83	-13.00	-40.83	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_10M-16QAM_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-59.18	14.96	-44.22	-13.00	-31.22	peak
2	5640.000	-74.35	19.98	-54.37	-13.00	-41.37	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1857.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_15M_QPSK_CH18675		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3715.000	-58.87	14.81	-44.06	-13.00	-31.06	peak
2	5572.500	-73.53	19.83	-53.70	-13.00	-40.70	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1857.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_15M_QPSK_CH18675		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3715.000	-56.81	14.81	-42.00	-13.00	-29.00	peak
2	5572.500	-69.81	19.83	-49.98	-13.00	-36.98	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_15M_QPSK_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-61.42	14.96	-46.46	-13.00	-33.46	peak
2	5640.000	-73.94	19.98	-53.96	-13.00	-40.96	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_15M_QPSK_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-60.62	14.96	-45.66	-13.00	-32.66	peak
2	5640.000	-72.50	19.98	-52.52	-13.00	-39.52	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1902.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_15M_QPSK_CH19125		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3805.000	-64.31	15.12	-49.19	-13.00	-36.19	peak
2	5707.500	-73.43	20.13	-53.30	-13.00	-40.30	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1902.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_15M_QPSK_CH19125		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3805.000	-63.31	15.12	-48.19	-13.00	-35.19	peak
2	5707.500	-73.84	20.13	-53.71	-13.00	-40.71	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_15M-16QAM_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-61.59	14.96	-46.63	-13.00	-33.63	peak
2	5640.000	-74.14	19.98	-54.16	-13.00	-41.16	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_15M-16QAM_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-60.85	14.96	-45.89	-13.00	-32.89	peak
2	5640.000	-74.72	19.98	-54.74	-13.00	-41.74	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1860MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_20M_QPSK_CH18700		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3720.000	-57.27	14.83	-42.44	-13.00	-29.44	peak
2	5580.000	-70.52	19.85	-50.67	-13.00	-37.67	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1860MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_20M_QPSK_CH18700		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3720.000	-57.51	14.83	-42.68	-13.00	-29.68	peak
2	5580.000	-66.86	19.85	-47.01	-13.00	-34.01	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_20M_QPSK_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-58.81	14.96	-43.85	-13.00	-30.85	peak
2	5640.000	-74.31	19.98	-54.33	-13.00	-41.33	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_20M_QPSK_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-58.85	14.96	-43.89	-13.00	-30.89	peak
2	5640.000	-73.97	19.98	-53.99	-13.00	-40.99	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1900MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_20M_QPSK_CH19100		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3800.000	-62.61	15.11	-47.50	-13.00	-34.50	peak
2	5700.000	-73.92	20.11	-53.81	-13.00	-40.81	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1900MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_20M_QPSK_CH19100		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3800.000	-61.62	15.11	-46.51	-13.00	-33.51	peak
2	5700.000	-71.28	20.11	-51.17	-13.00	-38.17	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_20M-16QAM_CH18900		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-59.67	14.96	-44.71	-13.00	-31.71	peak
2	5640.000	-74.87	19.98	-54.89	-13.00	-41.89	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1880MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 2_20M-16QAM_CH18900		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-60.29	14.96	-45.33	-13.00	-32.33	peak
2	5640.000	-74.60	19.98	-54.62	-13.00	-41.62	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1710.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_1.4M_QPSK_CH19957		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3421.400	-62.33	13.90	-48.43	-13.00	-35.43	peak
2	5132.100	-65.67	18.69	-46.98	-13.00	-33.98	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1710.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_1.4M_QPSK_CH19957		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3421.400	-66.77	13.90	-52.87	-13.00	-39.87	peak
2	5132.100	-69.82	18.69	-51.13	-13.00	-38.13	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_1.4M_QPSK_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-60.00	13.99	-46.01	-13.00	-33.01	peak
2	5197.500	-67.25	18.87	-48.38	-13.00	-35.38	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_1.4M_QPSK_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-66.32	13.97	-52.35	-13.00	-39.35	peak
2	5197.500	-71.95	18.87	-53.08	-13.00	-40.08	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1754.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_1.4M_QPSK_CH20393		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3508.600	-67.53	14.09	-53.44	-13.00	-40.44	peak
2	5262.900	-64.13	19.04	-45.09	-13.00	-32.09	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1754.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_1.4M_QPSK_CH20393		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3508.600	-70.84	14.09	-56.75	-13.00	-43.75	peak
2	5262.900	-65.35	19.04	-46.31	-13.00	-33.31	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_1.4M-16QAM_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-61.08	13.99	-47.09	-13.00	-34.09	peak
2	5197.500	-67.82	18.87	-48.95	-13.00	-35.95	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_1.4M-16QAM_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-67.22	13.99	-53.23	-13.00	-40.23	peak
2	5197.500	-70.41	18.87	-51.54	-13.00	-38.54	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1711.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_3M_QPSK_CH19965		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3423.000	-61.18	13.89	-47.29	-13.00	-34.29	peak
2	5134.500	-66.99	18.69	-48.30	-13.00	-35.30	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1711.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_3M_QPSK_CH19965		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3423.000	-65.23	13.89	-51.34	-13.00	-38.34	peak
2	5134.500	-72.29	18.69	-53.60	-13.00	-40.60	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_3M_QPSK_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-60.33	13.99	-46.34	-13.00	-33.34	peak
2	5197.500	-66.65	18.87	-47.78	-13.00	-34.78	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_3M_QPSK_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-65.93	13.99	-51.94	-13.00	-38.94	peak
2	5197.500	-69.14	18.87	-50.27	-13.00	-37.27	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1753.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_3M_QPSK_CH20385		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3507.000	-66.44	14.09	-52.35	-13.00	-39.35	peak
2	5260.500	-61.48	19.03	-42.45	-13.00	-29.45	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1753.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_3M_QPSK_CH20385		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3507.000	-69.76	14.09	-55.67	-13.00	-42.67	peak
2	5260.500	-64.03	19.03	-45.00	-13.00	-32.00	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_3M-16QAM_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-61.46	13.99	-47.47	-13.00	-34.47	peak
2	5197.500	-65.39	18.87	-46.52	-13.00	-33.52	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_3M-16QAM_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-69.74	13.99	-55.75	-13.00	-42.75	peak
2	5197.500	-73.21	18.87	-54.34	-13.00	-41.34	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1712.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_5M_QPSK_CH19975		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3425.000	-60.73	13.90	-46.83	-13.00	-33.83	peak
2	5137.500	-67.56	18.71	-48.85	-13.00	-35.85	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1712.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_5M_QPSK_CH19975		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3425.000	-67.08	13.90	-53.18	-13.00	-40.18	peak
2	5137.500	-68.77	18.71	-50.06	-13.00	-37.06	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_5M_QPSK_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-61.02	13.99	-47.03	-13.00	-34.03	peak
2	5197.500	-65.64	18.87	-46.77	-13.00	-33.77	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_5M_QPSK_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-66.49	13.99	-52.50	-13.00	-39.50	peak
2	5197.500	-70.11	18.87	-51.24	-13.00	-38.24	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1752.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_5M_QPSK_CH20375		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3505.000	-66.34	14.07	-52.27	-13.00	-39.27	peak
2	5257.500	-65.36	19.02	-46.34	-13.00	-33.34	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1752.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_5M_QPSK_CH20375		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3505.000	-70.47	14.07	-56.40	-13.00	-43.40	peak
2	5257.500	-63.18	19.02	-44.16	-13.00	-31.16	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_5M-16QAM_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-62.08	13.99	-48.09	-13.00	-35.09	peak
2	5197.500	-66.92	18.87	-48.05	-13.00	-35.05	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_5M-16QAM_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-67.38	13.99	-53.39	-13.00	-40.39	peak
2	5197.500	-71.84	18.87	-52.97	-13.00	-39.97	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1715MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_10M_QPSK_CH20000		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3430.000	-62.20	13.91	-48.29	-13.00	-35.29	peak
2	5145.000	-68.48	18.72	-49.76	-13.00	-36.76	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1715MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_10M_QPSK_CH20000		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3430.000	-66.12	13.91	-52.21	-13.00	-39.21	peak
2	5145.000	-69.12	18.72	-50.40	-13.00	-37.40	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_10M_QPSK_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-62.54	13.99	-48.55	-13.00	-35.55	peak
2	5197.500	-65.30	18.87	-46.43	-13.00	-33.43	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_10M_QPSK_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-65.65	13.99	-51.66	-13.00	-38.66	peak
2	5197.500	-68.19	18.87	-49.32	-13.00	-36.32	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1750MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_10M_QPSK_CH20350		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3500.000	-61.87	14.06	-47.81	-13.00	-34.81	peak
2	5250.000	-64.83	19.01	-45.82	-13.00	-32.82	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1750MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_10M_QPSK_CH20350		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3500.000	-70.62	14.06	-56.56	-13.00	-43.56	peak
2	5250.000	-67.03	19.01	-48.02	-13.00	-35.02	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_10M-16QAM_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-63.37	13.99	-49.38	-13.00	-36.38	peak
2	5197.500	-64.51	18.87	-45.64	-13.00	-32.64	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_10M-16QAM_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-70.92	13.99	-56.93	-13.00	-43.93	peak
2	5197.500	-72.66	18.87	-53.79	-13.00	-40.79	peak
3	6930.000	-68.64	23.25	-45.39	-13.00	-32.39	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1717.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_15M_QPSK_CH20025		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3435.000	-62.46	13.93	-48.53	-13.00	-35.53	peak
2	5152.500	-69.16	18.74	-50.42	-13.00	-37.42	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1717.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_15M_QPSK_CH20025		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3435.000	-65.80	13.93	-51.87	-13.00	-38.87	peak
2	5152.500	-67.90	18.74	-49.16	-13.00	-36.16	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_15M_QPSK_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-63.96	13.99	-49.97	-13.00	-36.97	peak
2	5197.500	-65.58	18.87	-46.71	-13.00	-33.71	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_15M_QPSK_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-70.55	13.99	-56.56	-13.00	-43.56	peak
2	5197.500	-68.02	18.87	-49.15	-13.00	-36.15	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1747.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_15M_QPSK_CH20325		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3495.000	-60.58	14.05	-46.53	-13.00	-33.53	peak
2	5242.500	-67.46	18.99	-48.47	-13.00	-35.47	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1747.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_15M_QPSK_CH20325		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3495.000	-66.40	14.05	-52.35	-13.00	-39.35	peak
2	5242.500	-68.71	18.99	-49.72	-13.00	-36.72	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_15M-16QAM_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-63.26	13.99	-49.27	-13.00	-36.27	peak
2	5197.500	-64.68	18.87	-45.81	-13.00	-32.81	peak
3	6930.000	-66.69	23.25	-43.44	-13.00	-30.44	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_15M-16QAM_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-71.50	13.99	-57.51	-13.00	-44.51	peak
2	5197.500	-68.84	18.87	-49.97	-13.00	-36.97	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1720MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_20M_QPSK_CH20050		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3440.000	-61.68	13.93	-47.75	-13.00	-34.75	peak
2	5160.000	-68.52	18.77	-49.75	-13.00	-36.75	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1720MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_20M_QPSK_CH20050		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3440.000	-67.44	13.93	-53.51	-13.00	-40.51	peak
2	5160.000	-67.02	18.77	-48.25	-13.00	-35.25	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_20M_QPSK_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-64.64	13.99	-50.65	-13.00	-37.65	peak
2	5197.500	-64.95	18.87	-46.08	-13.00	-33.08	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_20M_QPSK_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-71.04	13.99	-57.05	-13.00	-44.05	peak
2	5197.500	-69.28	18.87	-50.41	-13.00	-37.41	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1745MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_20M_QPSK_CH20300		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3490.000	-58.96	14.04	-44.92	-13.00	-31.92	peak
2	5235.000	-68.31	18.96	-49.35	-13.00	-36.35	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1745MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_20M_QPSK_CH20300		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3490.000	-66.32	14.04	-52.28	-13.00	-39.28	peak
2	5235.000	-72.12	18.96	-53.16	-13.00	-40.16	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_20M-16QAM_CH20175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-64.76	13.99	-50.77	-13.00	-37.77	peak
2	5197.500	-68.11	18.87	-49.24	-13.00	-36.24	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	1732.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 4_20M-16QAM_CH20175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3465.000	-71.22	13.99	-57.23	-13.00	-44.23	peak
2	5197.500	-67.39	18.87	-48.52	-13.00	-35.52	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	824.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_1.4M_QPSK_CH20407		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1649.400	-52.55	7.69	-44.86	-13.00	-31.86	peak
2	2474.100	-61.65	11.36	-50.29	-13.00	-37.29	peak
3	3298.800	-57.13	13.64	-43.49	-13.00	-30.49	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	824.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_1.4M_QPSK_CH20407		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1649.400	-55.15	7.69	-47.46	-13.00	-34.46	peak
2	2474.100	-62.34	11.36	-50.98	-13.00	-37.98	peak
3	3298.800	-59.65	13.64	-46.01	-13.00	-33.01	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_1.4M_QPSK_CH20525		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-48.11	7.77	-40.34	-13.00	-27.34	peak
2	2509.500	-62.73	11.51	-51.22	-13.00	-38.22	peak
3	3346.000	-56.46	13.74	-42.72	-13.00	-29.72	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_1.4M_QPSK_CH20525		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-48.79	7.77	-41.02	-13.00	-28.02	peak
2	2509.500	-62.28	11.51	-50.77	-13.00	-37.77	peak
3	3346.000	-60.21	13.74	-46.47	-13.00	-33.47	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	848.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_1.4M_QPSK_CH20643		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1696.600	-52.92	7.84	-45.08	-13.00	-32.08	peak
2	2544.900	-58.39	11.62	-46.77	-13.00	-33.77	peak
3	3393.200	-58.20	13.83	-44.37	-13.00	-31.37	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	848.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_1.4M_QPSK_CH20643		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1696.600	-41.13	7.84	-33.29	-13.00	-20.29	peak
2	2544.900	-59.93	11.62	-48.31	-13.00	-35.31	peak
3	3393.200	-60.34	13.83	-46.51	-13.00	-33.51	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_1.4M-16QAM_CH20525		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-48.01	7.77	-40.24	-13.00	-27.24	peak
2	2509.500	-62.11	11.51	-50.60	-13.00	-37.60	peak
3	3346.000	-56.93	13.74	-43.19	-13.00	-30.19	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_1.4M-16QAM_CH20525		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-51.79	7.77	-44.02	-13.00	-31.02	peak
2	2509.500	-60.84	11.51	-49.33	-13.00	-36.33	peak
3	3346.000	-57.78	13.74	-44.04	-13.00	-31.04	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	825.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_3M_QPSK_CH20415		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1651.000	-52.44	7.70	-44.74	-13.00	-31.74	peak
2	2476.500	-59.96	11.37	-48.59	-13.00	-35.59	peak
3	3302.000	-55.78	13.65	-42.13	-13.00	-29.13	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	825.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_3M_QPSK_CH20415		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1651.000	-56.76	7.70	-49.06	-13.00	-36.06	peak
2	2476.500	-60.18	11.37	-48.81	-13.00	-35.81	peak
3	3302.000	-57.70	13.65	-44.05	-13.00	-31.05	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_3M_QPSK_CH20525		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-47.22	7.77	-39.45	-13.00	-26.45	peak
2	2509.500	-58.98	11.51	-47.47	-13.00	-34.47	peak
3	3346.000	-57.15	13.74	-43.41	-13.00	-30.41	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_3M_QPSK_CH20525		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-51.40	7.77	-43.63	-13.00	-30.63	peak
2	2509.500	-57.58	11.51	-46.07	-13.00	-33.07	peak
3	3346.000	-57.35	13.74	-43.61	-13.00	-30.61	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	847.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_3M_QPSK_CH20635		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1695.000	-53.18	7.85	-45.33	-13.00	-32.33	peak
2	2542.500	-56.20	11.60	-44.60	-13.00	-31.60	peak
3	3390.000	-58.63	13.83	-44.80	-13.00	-31.80	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	847.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_3M_QPSK_CH20635		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1695.000	-53.73	7.85	-45.88	-13.00	-32.88	peak
2	2542.500	-60.04	11.60	-48.44	-13.00	-35.44	peak
3	3390.000	-60.91	13.83	-47.08	-13.00	-34.08	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_3M-16QAM_CH20525		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-48.40	7.77	-40.63	-13.00	-27.63	peak
2	2509.500	-55.73	11.51	-44.22	-13.00	-31.22	peak
3	3346.000	-56.91	13.74	-43.17	-13.00	-30.17	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_3M-16QAM_CH20525		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-51.38	7.77	-43.61	-13.00	-30.61	peak
2	2509.500	-58.19	11.51	-46.68	-13.00	-33.68	peak
3	3346.000	-60.07	13.74	-46.33	-13.00	-33.33	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	826.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_5M_QPSK_CH20425		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1653.000	-53.20	7.71	-45.49	-13.00	-32.49	peak
2	2479.500	-60.61	11.38	-49.23	-13.00	-36.23	peak
3	3306.000	-59.30	13.66	-45.64	-13.00	-32.64	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	826.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_5M_QPSK_CH20425		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1653.000	-57.43	7.71	-49.72	-13.00	-36.72	peak
2	2479.500	-59.27	11.38	-47.89	-13.00	-34.89	peak
3	3306.000	-58.02	13.66	-44.36	-13.00	-31.36	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_5M_QPSK_CH20525		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-47.28	7.77	-39.51	-13.00	-26.51	peak
2	2509.500	-56.47	11.51	-44.96	-13.00	-31.96	peak
3	3346.000	-57.18	13.74	-43.44	-13.00	-30.44	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_5M_QPSK_CH20525		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-50.89	7.77	-43.12	-13.00	-30.12	peak
2	2509.500	-56.45	11.51	-44.94	-13.00	-31.94	peak
3	3346.000	-59.35	13.74	-45.61	-13.00	-32.61	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	846.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_5M_QPSK_CH20625		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1693.000	-49.62	7.85	-41.77	-13.00	-28.77	peak
2	2539.500	-56.58	11.60	-44.98	-13.00	-31.98	peak
3	3386.000	-58.39	13.82	-44.57	-13.00	-31.57	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	846.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_5M_QPSK_CH20625		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1693.000	-51.75	7.85	-43.90	-13.00	-30.90	peak
2	2539.500	-60.34	11.60	-48.74	-13.00	-35.74	peak
3	3386.000	-58.56	13.82	-44.74	-13.00	-31.74	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_5M-16QAM_CH20525		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-48.82	7.77	-41.05	-13.00	-28.05	peak
2	2509.500	-57.13	11.51	-45.62	-13.00	-32.62	peak
3	3346.000	-55.79	13.74	-42.05	-13.00	-29.05	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_5M-16QAM_CH20525		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-49.65	7.77	-41.88	-13.00	-28.88	peak
2	2509.500	-55.86	11.51	-44.35	-13.00	-31.35	peak
3	3346.000	-58.89	13.74	-45.15	-13.00	-32.15	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	829MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_10M_QPSK_CH20450		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1658.000	-52.84	7.71	-45.13	-13.00	-32.13	peak
2	2487.000	-60.83	11.43	-49.40	-13.00	-36.40	peak
3	3316.000	-56.57	13.68	-42.89	-13.00	-29.89	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	829MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_10M_QPSK_CH20450		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1658.000	-57.05	7.71	-49.34	-13.00	-36.34	peak
2	2487.000	-60.15	11.43	-48.72	-13.00	-35.72	peak
3	3316.000	-58.59	13.68	-44.91	-13.00	-31.91	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_10M_QPSK_CH20525		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-50.63	7.77	-42.86	-13.00	-29.86	peak
2	2509.500	-58.55	11.51	-47.04	-13.00	-34.04	peak
3	3346.000	-62.05	13.74	-48.31	-13.00	-35.31	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_10M_QPSK_CH20525		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-53.09	7.77	-45.32	-13.00	-32.32	peak
2	2509.500	-57.54	11.51	-46.03	-13.00	-33.03	peak
3	3346.000	-62.21	13.74	-48.47	-13.00	-35.47	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	844MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_10M_QPSK_CH20600		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1688.000	-48.91	7.83	-41.08	-13.00	-28.08	peak
2	2532.000	-58.21	11.58	-46.63	-13.00	-33.63	peak
3	3376.000	-55.64	13.81	-41.83	-13.00	-28.83	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	844MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_10M_QPSK_CH20600		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1688.000	-50.60	7.83	-42.77	-13.00	-29.77	peak
2	2532.000	-60.03	11.58	-48.45	-13.00	-35.45	peak
3	3376.000	-58.42	13.81	-44.61	-13.00	-31.61	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_10M-16QAM_CH20525		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-49.36	7.77	-41.59	-13.00	-28.59	peak
2	2509.500	-57.05	11.51	-45.54	-13.00	-32.54	peak
3	3346.000	-62.16	13.74	-48.42	-13.00	-35.42	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	836.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 5_10M-16QAM_CH20525		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1673.000	-51.92	7.77	-44.15	-13.00	-31.15	peak
2	2509.500	-55.64	11.51	-44.13	-13.00	-31.13	peak
3	3346.000	-61.34	13.74	-47.60	-13.00	-34.60	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2502.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_5M_QPSK_CH20775		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5005.000	-71.86	18.35	-53.51	-25.00	-28.51	peak
2	7507.500	-73.82	25.24	-48.58	-25.00	-23.58	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2502.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_5M_QPSK_CH20775		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5005.000	-72.22	18.35	-53.87	-25.00	-28.87	peak
2	7507.500	-73.76	25.24	-48.52	-25.00	-23.52	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_5M_QPSK_CH21100		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-70.62	18.52	-52.10	-25.00	-27.10	peak
2	7605.000	-74.25	25.46	-48.79	-25.00	-23.79	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_5M_QPSK_CH21100		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-70.82	18.52	-52.30	-25.00	-27.30	peak
2	7605.000	-72.54	25.46	-47.08	-25.00	-22.08	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2567.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_5M_QPSK_CH21425		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5135.000	-71.33	18.69	-52.64	-25.00	-27.64	peak
2	7702.500	-72.95	25.68	-47.27	-25.00	-22.27	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2567.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_5M_QPSK_CH21425		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5135.000	-71.35	18.69	-52.66	-25.00	-27.66	peak
2	7702.500	-73.45	25.68	-47.77	-25.00	-22.77	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_5M-16QAM_CH21100		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-71.74	18.52	-53.22	-25.00	-28.22	peak
2	7605.000	-73.27	25.46	-47.81	-25.00	-22.81	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_5M-16QAM_CH21100		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-71.73	18.52	-53.21	-25.00	-28.21	peak
2	7605.000	-74.10	25.46	-48.64	-25.00	-23.64	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2505MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_10M_QPSK_CH20800		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5010.000	-71.85	18.36	-53.49	-25.00	-28.49	peak
2	7515.000	-73.77	25.26	-48.51	-25.00	-23.51	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2505MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_10M_QPSK_CH20800		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5010.000	-72.20	18.36	-53.84	-25.00	-28.84	peak
2	7515.000	-73.15	25.26	-47.89	-25.00	-22.89	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_10M_QPSK_CH21100		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-71.28	18.52	-52.76	-25.00	-27.76	peak
2	7605.000	-74.56	25.46	-49.10	-25.00	-24.10	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_10M_QPSK_CH21100		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-71.21	18.52	-52.69	-25.00	-27.69	peak
2	7605.000	-74.29	25.46	-48.83	-25.00	-23.83	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2565MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_10M_QPSK_CH21400		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5130.000	-70.98	18.69	-52.29	-25.00	-27.29	peak
2	7695.000	-74.22	25.66	-48.56	-25.00	-23.56	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2565MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_10M_QPSK_CH21400		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5130.000	-70.50	18.69	-51.81	-25.00	-26.81	peak
2	7695.000	-73.78	25.66	-48.12	-25.00	-23.12	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_10M-16QAM_CH21100		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-71.57	18.52	-53.05	-25.00	-28.05	peak
2	7605.000	-73.78	25.46	-48.32	-25.00	-23.32	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_10M-16QAM_CH21100		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-70.87	18.52	-52.35	-25.00	-27.35	peak
2	7605.000	-72.59	25.46	-47.13	-25.00	-22.13	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2507.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_15M_QPSK_CH20825		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5015.000	-73.11	18.37	-54.74	-25.00	-29.74	peak
2	7522.500	-74.34	25.28	-49.06	-25.00	-24.06	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2507.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_15M_QPSK_CH20825		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5015.000	-73.05	18.37	-54.68	-25.00	-29.68	peak
2	7522.500	-74.67	25.28	-49.39	-25.00	-24.39	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_15M_QPSK_CH21100		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-70.69	18.52	-52.17	-25.00	-27.17	peak
2	7605.000	-74.37	25.46	-48.91	-25.00	-23.91	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_15M_QPSK_CH21100		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-71.28	18.52	-52.76	-25.00	-27.76	peak
2	7605.000	-74.10	25.46	-48.64	-25.00	-23.64	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2562.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_15M_QPSK_CH21375		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5125.000	-72.43	18.67	-53.76	-25.00	-28.76	peak
2	7687.500	-74.38	25.64	-48.74	-25.00	-23.74	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2562.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_15M_QPSK_CH21375		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5125.000	-71.54	18.67	-52.87	-25.00	-27.87	peak
2	7687.500	-73.08	25.64	-47.44	-25.00	-22.44	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_15M-16QAM_CH21100		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-71.90	18.52	-53.38	-25.00	-28.38	peak
2	7605.000	-73.93	25.46	-48.47	-25.00	-23.47	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_15M-16QAM_CH21100		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-71.54	18.52	-53.02	-25.00	-28.02	peak
2	7605.000	-74.76	25.46	-49.30	-25.00	-24.30	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2510MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_20M_QPSK_CH20850		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5020.000	-71.84	18.38	-53.46	-25.00	-28.46	peak
2	7530.000	-72.64	25.29	-47.35	-25.00	-22.35	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2510MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_20M_QPSK_CH20850		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5020.000	-71.42	18.38	-53.04	-25.00	-28.04	peak
2	7530.000	-74.13	25.29	-48.84	-25.00	-23.84	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_20M_QPSK_CH21100		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-71.79	18.52	-53.27	-25.00	-28.27	peak
2	7605.000	-73.57	25.46	-48.11	-25.00	-23.11	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_20M_QPSK_CH21100		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-71.87	18.52	-53.35	-25.00	-28.35	peak
2	7605.000	-73.68	25.46	-48.22	-25.00	-23.22	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2560MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_20M_QPSK_CH21350		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5120.000	-72.18	18.65	-53.53	-25.00	-28.53	peak
2	7680.000	-73.04	25.62	-47.42	-25.00	-22.42	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2560MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_20M_QPSK_CH21350		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5120.000	-71.39	18.65	-52.74	-25.00	-27.74	peak
2	7680.000	-73.11	25.62	-47.49	-25.00	-22.49	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_20M-16QAM_CH21100		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-71.48	18.52	-52.96	-25.00	-27.96	peak
2	7605.000	-74.20	25.46	-48.74	-25.00	-23.74	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2535MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 7_20M-16QAM_CH21100		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5070.000	-70.54	18.52	-52.02	-25.00	-27.02	peak
2	7605.000	-74.12	25.46	-48.66	-25.00	-23.66	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	699.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_1.4M_QPSK_CH23017		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1399.400	-54.11	6.63	-47.48	-13.00	-34.48	peak
2	2099.100	-54.36	9.42	-44.94	-13.00	-31.94	peak
3	2798.800	-56.62	12.39	-44.23	-13.00	-31.23	peak
4	3498.500	-57.13	14.06	-43.07	-13.00	-30.07	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	699.7MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_1.4M_QPSK_CH23017		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1399.400	-57.57	6.63	-50.94	-13.00	-37.94	peak
2	2099.100	-60.56	9.42	-51.14	-13.00	-38.14	peak
3	2798.800	-53.68	12.39	-41.29	-13.00	-28.29	peak
4	3498.500	-58.24	14.06	-44.18	-13.00	-31.18	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_1.4M_QPSK_CH23095		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-54.06	6.72	-47.34	-13.00	-34.34	peak
2	2122.500	-61.97	9.55	-52.42	-13.00	-39.42	peak
3	2830.000	-64.26	12.49	-51.77	-13.00	-38.77	peak
4	3537.500	-54.38	14.19	-40.19	-13.00	-27.19	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_1.4M_QPSK_CH23095		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-57.92	6.72	-51.20	-13.00	-38.20	peak
2	2122.500	-60.56	9.55	-51.01	-13.00	-38.01	peak
3	2830.000	-54.23	12.49	-41.74	-13.00	-28.74	peak
4	3537.500	-53.34	14.19	-39.15	-13.00	-26.15	peak
5	4952.500	-67.28	18.18	-49.10	-13.00	-36.10	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	715.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_1.4M_QPSK_CH23173		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1430.600	-63.61	6.80	-56.81	-13.00	-43.81	peak
2	2145.900	-55.85	9.67	-46.18	-13.00	-33.18	peak
3	2861.200	-51.84	12.59	-39.25	-13.00	-26.25	peak
4	3576.500	-56.23	14.33	-41.90	-13.00	-28.90	peak
5	5007.100	-65.60	18.34	-47.26	-13.00	-34.26	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	715.3MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_1.4M_QPSK_CH23173		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1430.600	-66.23	6.80	-59.43	-13.00	-46.43	peak
2	2145.900	-62.95	9.67	-53.28	-13.00	-40.28	peak
3	2861.200	-50.40	12.59	-37.81	-13.00	-24.81	peak
4	3576.500	-57.40	14.33	-43.07	-13.00	-30.07	peak
5	5007.100	-68.02	18.34	-49.68	-13.00	-36.68	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_1.4M-16QAM_CH23095		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-55.23	6.72	-48.51	-13.00	-35.51	peak
2	2122.500	-60.90	9.55	-51.35	-13.00	-38.35	peak
3	2830.000	-63.56	12.49	-51.07	-13.00	-38.07	peak
4	3537.500	-57.95	14.19	-43.76	-13.00	-30.76	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_1.4M-16QAM_CH23095		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-58.48	6.72	-51.76	-13.00	-38.76	peak
2	2122.500	-63.36	9.55	-53.81	-13.00	-40.81	peak
3	2830.000	-57.99	12.49	-45.50	-13.00	-32.50	peak
4	3537.500	-55.51	14.19	-41.32	-13.00	-28.32	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	700.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_3M_QPSK_CH23025		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1430.600	-54.93	6.80	-48.13	-13.00	-35.13	peak
2	2145.900	-52.95	9.67	-43.28	-13.00	-30.28	peak
3	2861.200	-56.34	12.59	-43.75	-13.00	-30.75	peak
4	3502.500	-58.99	14.07	-44.92	-13.00	-31.92	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	700.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_3M_QPSK_CH23025		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1430.600	-58.48	6.80	-51.68	-13.00	-38.68	peak
2	2145.900	-62.33	9.67	-52.66	-13.00	-39.66	peak
3	2861.200	-53.18	12.59	-40.59	-13.00	-27.59	peak
4	3502.500	-60.54	14.07	-46.47	-13.00	-33.47	peak
5	4903.500	-68.99	18.02	-50.97	-13.00	-37.97	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_3M_QPSK_CH23095		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-55.79	6.72	-49.07	-13.00	-36.07	peak
2	2122.500	-54.97	9.55	-45.42	-13.00	-32.42	peak
3	2830.000	-56.57	12.49	-44.08	-13.00	-31.08	peak
4	3537.500	-55.97	14.19	-41.78	-13.00	-28.78	peak
5	4952.500	-67.64	18.18	-49.46	-13.00	-36.46	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_3M_QPSK_CH23095		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-58.54	6.72	-51.82	-13.00	-38.82	peak
2	2122.500	-60.61	9.55	-51.06	-13.00	-38.06	peak
3	2830.000	-53.17	12.49	-40.68	-13.00	-27.68	peak
4	3537.500	-57.47	14.19	-43.28	-13.00	-30.28	peak
5	4952.500	-67.22	18.18	-49.04	-13.00	-36.04	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	714.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_3M_QPSK_CH23165		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1429.000	-59.23	6.79	-52.44	-13.00	-39.44	peak
2	2143.500	-55.17	9.66	-45.51	-13.00	-32.51	peak
3	2858.000	-50.73	12.59	-38.14	-13.00	-25.14	peak
4	3572.500	-59.32	14.32	-45.00	-13.00	-32.00	peak
5	5001.500	-68.98	18.33	-50.65	-13.00	-37.65	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	714.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_3M_QPSK_CH23165		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1429.000	-61.86	6.79	-55.07	-13.00	-42.07	peak
2	2143.500	-64.51	9.66	-54.85	-13.00	-41.85	peak
3	2858.000	-48.01	12.59	-35.42	-13.00	-22.42	peak
4	3572.500	-61.21	14.32	-46.89	-13.00	-33.89	peak
5	5001.500	-68.87	18.33	-50.54	-13.00	-37.54	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_3M-16QAM_CH23095		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-56.43	6.72	-49.71	-13.00	-36.71	peak
2	2122.500	-55.33	9.55	-45.78	-13.00	-32.78	peak
3	2830.000	-56.57	12.49	-44.08	-13.00	-31.08	peak
4	3537.500	-56.25	14.19	-42.06	-13.00	-29.06	peak
5	4952.500	-67.23	18.18	-49.05	-13.00	-36.05	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_3M-16QAM_CH23095		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-59.68	6.72	-52.96	-13.00	-39.96	peak
2	2122.500	-61.75	9.55	-52.20	-13.00	-39.20	peak
3	2830.000	-54.09	12.49	-41.60	-13.00	-28.60	peak
4	3537.500	-57.20	14.19	-43.01	-13.00	-30.01	peak
5	4952.500	-68.46	18.18	-50.28	-13.00	-37.28	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	701.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_5M_QPSK_CH23035		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1403.000	-54.84	6.65	-48.19	-13.00	-35.19	peak
2	2104.500	-52.62	9.46	-43.16	-13.00	-30.16	peak
3	2806.000	-56.12	12.43	-43.69	-13.00	-30.69	peak
4	3507.500	-60.61	14.09	-46.52	-13.00	-33.52	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	701.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_5M_QPSK_CH23035		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1403.000	-58.46	6.65	-51.81	-13.00	-38.81	peak
2	2104.500	-60.45	9.46	-50.99	-13.00	-37.99	peak
3	2806.000	-52.94	12.43	-40.51	-13.00	-27.51	peak
4	3507.500	-60.47	14.09	-46.38	-13.00	-33.38	peak
5	4910.500	-68.18	18.06	-50.12	-13.00	-37.12	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_5M_QPSK_CH23095		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-57.52	6.72	-50.80	-13.00	-37.80	peak
2	2122.500	-56.09	9.55	-46.54	-13.00	-33.54	peak
3	2830.000	-56.61	12.49	-44.12	-13.00	-31.12	peak
4	3537.500	-55.84	14.19	-41.65	-13.00	-28.65	peak
5	4952.500	-66.55	18.18	-48.37	-13.00	-35.37	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_5M_QPSK_CH23095		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-60.73	6.72	-54.01	-13.00	-41.01	peak
2	2122.500	-60.40	9.55	-50.85	-13.00	-37.85	peak
3	2830.000	-52.58	12.49	-40.09	-13.00	-27.09	peak
4	3537.500	-56.81	14.19	-42.62	-13.00	-29.62	peak
5	4952.500	-65.87	18.18	-47.69	-13.00	-34.69	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	713.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_5M_QPSK_CH23155		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1427.000	-54.52	6.78	-47.74	-13.00	-34.74	peak
2	2140.500	-56.07	9.64	-46.43	-13.00	-33.43	peak
3	2854.000	-55.05	12.58	-42.47	-13.00	-29.47	peak
4	3567.500	-62.35	14.30	-48.05	-13.00	-35.05	peak
5	4994.500	-66.95	18.32	-48.63	-13.00	-35.63	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	713.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_5M_QPSK_CH23155		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1427.000	-57.82	6.78	-51.04	-13.00	-38.04	peak
2	2140.500	-63.78	9.64	-54.14	-13.00	-41.14	peak
3	2854.000	-51.76	12.58	-39.18	-13.00	-26.18	peak
4	3567.500	-61.79	14.30	-47.49	-13.00	-34.49	peak
5	4994.500	-66.88	18.32	-48.56	-13.00	-35.56	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_5M-16QAM_CH23095		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-58.16	6.72	-51.44	-13.00	-38.44	peak
2	2122.500	-55.90	9.55	-46.35	-13.00	-33.35	peak
3	2830.000	-55.79	12.49	-43.30	-13.00	-30.30	peak
4	3537.500	-55.61	14.19	-41.42	-13.00	-28.42	peak
5	4952.500	-67.22	18.18	-49.04	-13.00	-36.04	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_5M-16QAM_CH23095		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-60.97	6.72	-54.25	-13.00	-41.25	peak
2	2122.500	-61.65	9.55	-52.10	-13.00	-39.10	peak
3	2830.000	-52.80	12.49	-40.31	-13.00	-27.31	peak
4	3537.500	-56.41	14.19	-42.22	-13.00	-29.22	peak
5	4245.000	-68.42	16.29	-52.13	-13.00	-39.13	peak
6	4952.500	-67.71	18.18	-49.53	-13.00	-36.53	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	704MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_10M_QPSK_CH23060		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1408.000	-55.10	6.68	-48.42	-13.00	-35.42	peak
2	2112.000	-53.71	9.49	-44.22	-13.00	-31.22	peak
3	2816.000	-55.40	12.45	-42.95	-13.00	-29.95	peak
4	3520.000	-55.75	14.14	-41.61	-13.00	-28.61	peak
5	4928.000	-67.59	18.11	-49.48	-13.00	-36.48	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	704MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_10M_QPSK_CH23060		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1408.000	-57.71	6.68	-51.03	-13.00	-38.03	peak
2	2112.000	-61.70	9.49	-52.21	-13.00	-39.21	peak
3	2816.000	-51.64	12.45	-39.19	-13.00	-26.19	peak
4	3520.000	-58.40	14.14	-44.26	-13.00	-31.26	peak
5	4928.000	-67.40	18.11	-49.29	-13.00	-36.29	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_10M_QPSK_CH23095		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-60.95	6.72	-54.23	-13.00	-41.23	peak
2	2122.500	-56.46	9.55	-46.91	-13.00	-33.91	peak
3	2830.000	-53.04	12.49	-40.55	-13.00	-27.55	peak
4	3537.500	-56.45	14.19	-42.26	-13.00	-29.26	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_10M_QPSK_CH23095		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-64.09	6.72	-57.37	-13.00	-44.37	peak
2	2122.500	-64.70	9.55	-55.15	-13.00	-42.15	peak
3	2830.000	-50.27	12.49	-37.78	-13.00	-24.78	peak
4	3537.500	-60.19	14.19	-46.00	-13.00	-33.00	peak
5	4952.500	-69.18	18.18	-51.00	-13.00	-38.00	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	711MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_10M_QPSK_CH23130		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-54.30	6.75	-47.55	-13.00	-34.55	peak
2	2133.000	-55.19	9.61	-45.58	-13.00	-32.58	peak
3	2844.000	-57.88	12.54	-45.34	-13.00	-32.34	peak
4	3555.000	-54.90	14.25	-40.65	-13.00	-27.65	peak
5	4977.000	-67.99	18.26	-49.73	-13.00	-36.73	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	711MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_10M_QPSK_CH23130		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-57.69	6.75	-50.94	-13.00	-37.94	peak
2	2133.000	-59.87	9.61	-50.26	-13.00	-37.26	peak
3	2844.000	-53.47	12.54	-40.93	-13.00	-27.93	peak
4	3555.000	-55.53	14.25	-41.28	-13.00	-28.28	peak
5	4977.000	-67.35	18.26	-49.09	-13.00	-36.09	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_10M-16QAM_CH23095		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-59.92	6.72	-53.20	-13.00	-40.20	peak
2	2122.500	-56.43	9.55	-46.88	-13.00	-33.88	peak
3	2830.000	-53.27	12.49	-40.78	-13.00	-27.78	peak
4	3537.500	-55.19	14.19	-41.00	-13.00	-28.00	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	707.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 12_10M-16QAM_CH23095		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1415.000	-64.26	6.72	-57.54	-13.00	-44.54	peak
2	2122.500	-63.77	9.55	-54.22	-13.00	-41.22	peak
3	2830.000	-50.97	12.49	-38.48	-13.00	-25.48	peak
4	3537.500	-59.66	14.19	-45.47	-13.00	-32.47	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	706.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_5M_QPSK_CH23755		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1413.000	-62.99	6.70	-56.29	-13.00	-43.29	peak
2	2119.500	-68.96	9.53	-59.43	-13.00	-46.43	peak
3	2826.000	-68.90	12.48	-56.42	-13.00	-43.42	peak
4	3532.500	-65.88	14.18	-51.70	-13.00	-38.70	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	706.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_5M_QPSK_CH23755		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1413.000	-67.51	6.70	-60.81	-13.00	-47.81	peak
2	2119.500	-70.36	9.53	-60.83	-13.00	-47.83	peak
3	2826.000	-64.99	12.48	-52.51	-13.00	-39.51	peak
4	3532.500	-68.36	14.18	-54.18	-13.00	-41.18	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	710MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_5M_QPSK_CH23790		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-57.63	6.75	-50.88	-13.00	-37.88	peak
2	2130.000	-62.36	9.58	-52.78	-13.00	-39.78	peak
3	2840.000	-66.54	12.53	-54.01	-13.00	-41.01	peak
4	3550.000	-66.94	14.24	-52.70	-13.00	-39.70	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	710MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_5M_QPSK_CH23790		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-62.86	6.75	-56.11	-13.00	-43.11	peak
2	2130.000	-69.75	9.58	-60.17	-13.00	-47.17	peak
3	2840.000	-65.16	12.53	-52.63	-13.00	-39.63	peak
4	3550.000	-66.73	14.24	-52.49	-13.00	-39.49	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	713.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_5M_QPSK_CH23825		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1427.000	-55.78	6.78	-49.00	-13.00	-36.00	peak
2	2140.500	-64.67	9.64	-55.03	-13.00	-42.03	peak
3	2854.000	-62.39	12.58	-49.81	-13.00	-36.81	peak
4	3567.500	-62.80	14.30	-48.50	-13.00	-35.50	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	713.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_5M_QPSK_CH23825		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1427.000	-59.61	6.78	-52.83	-13.00	-39.83	peak
2	2140.500	-68.32	9.64	-58.68	-13.00	-45.68	peak
3	2854.000	-61.05	12.58	-48.47	-13.00	-35.47	peak
4	3567.500	-63.63	14.30	-49.33	-13.00	-36.33	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	710MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_5M-16QAM_CH23790		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-57.86	6.75	-51.11	-13.00	-38.11	peak
2	2130.000	-62.54	9.58	-52.96	-13.00	-39.96	peak
3	2840.000	-67.26	12.53	-54.73	-13.00	-41.73	peak
4	3550.000	-66.87	14.24	-52.63	-13.00	-39.63	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	710MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_5M-16QAM_CH23790		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-63.83	6.75	-57.08	-13.00	-44.08	peak
2	2130.000	-68.62	9.58	-59.04	-13.00	-46.04	peak
3	2840.000	-65.88	12.53	-53.35	-13.00	-40.35	peak
4	3550.000	-67.37	14.24	-53.13	-13.00	-40.13	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	709MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_10M_QPSK_CH23780		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1418.000	-60.69	6.74	-53.95	-13.00	-40.95	peak
2	2127.000	-64.77	9.57	-55.20	-13.00	-42.20	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	709MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_10M_QPSK_CH23780		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1418.000	-67.28	6.74	-60.54	-13.00	-47.54	peak
2	2127.000	-70.13	9.57	-60.56	-13.00	-47.56	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	710MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_10M_QPSK_CH23790		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-61.30	6.75	-54.55	-13.00	-41.55	peak
2	2130.000	-64.90	9.58	-55.32	-13.00	-42.32	peak
3	2840.000	-66.52	12.53	-53.99	-13.00	-40.99	peak
4	3550.000	-66.82	14.24	-52.58	-13.00	-39.58	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	710MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_10M_QPSK_CH23790		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-68.61	6.75	-61.86	-13.00	-48.86	peak
2	2130.000	-69.99	9.58	-60.41	-13.00	-47.41	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	711MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_10M_QPSK_CH23800		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-60.63	6.75	-53.88	-13.00	-40.88	peak
2	2133.000	-62.63	9.61	-53.02	-13.00	-40.02	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	711MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_10M_QPSK_CH23800		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1422.000	-67.60	6.75	-60.85	-13.00	-47.85	peak
2	2133.000	-70.06	9.61	-60.45	-13.00	-47.45	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	710MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_10M-16QAM_CH23790		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-62.95	6.75	-56.20	-13.00	-43.20	peak
2	2130.000	-68.84	9.58	-59.26	-13.00	-46.26	peak
3	2840.000	-63.85	12.53	-51.32	-13.00	-38.32	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	710MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 17_10M-16QAM_CH23790		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1420.000	-67.93	6.75	-61.18	-13.00	-48.18	peak
2	2130.000	-68.79	9.58	-59.21	-13.00	-46.21	peak
3	2840.000	-65.29	12.53	-52.76	-13.00	-39.76	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2572.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_5M_QPSK_CH37775		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5145.000	-71.59	18.72	-52.87	-13.00	-39.87	peak
2	7717.500	-72.96	25.70	-47.26	-13.00	-34.26	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2572.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_5M_QPSK_CH37775		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5145.000	-70.25	18.72	-51.53	-13.00	-38.53	peak
2	7717.500	-73.40	25.70	-47.70	-13.00	-34.70	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_5M_QPSK_CH38000		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-72.09	18.85	-53.24	-13.00	-40.24	peak
2	7785.000	-73.55	25.86	-47.69	-13.00	-34.69	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_5M_QPSK_CH38000		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-72.46	18.85	-53.61	-13.00	-40.61	peak
2	7785.000	-72.79	25.86	-46.93	-13.00	-33.93	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2617.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_5M_QPSK_CH38225		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5235.000	-73.14	18.96	-54.18	-13.00	-41.18	peak
2	7852.500	-73.70	26.00	-47.70	-13.00	-34.70	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2617.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_5M_QPSK_CH38225		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5235.000	-72.07	18.96	-53.11	-13.00	-40.11	peak
2	7852.500	-74.66	26.00	-48.66	-13.00	-35.66	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_5M-16QAM_CH38000		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-72.26	18.85	-53.41	-13.00	-40.41	peak
2	7785.000	-74.16	25.86	-48.30	-13.00	-35.30	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_5M-16QAM_CH38000		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-72.68	18.85	-53.83	-13.00	-40.83	peak
2	7785.000	-74.18	25.86	-48.32	-13.00	-35.32	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2575MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_10M_QPSK_CH37800		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5150.000	-72.72	18.74	-53.98	-13.00	-40.98	peak
2	7725.000	-73.73	25.71	-48.02	-13.00	-35.02	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2575MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_10M_QPSK_CH37800		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5150.000	-72.93	18.74	-54.19	-13.00	-41.19	peak
2	7725.000	-73.04	25.71	-47.33	-13.00	-34.33	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_10M_QPSK_CH38000		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-73.50	18.85	-54.65	-13.00	-41.65	peak
2	7785.000	-74.49	25.86	-48.63	-13.00	-35.63	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_10M_QPSK_CH38000		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-73.55	18.85	-54.70	-13.00	-41.70	peak
2	7785.000	-74.39	25.86	-48.53	-13.00	-35.53	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2615MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_10M_QPSK_CH38200		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5230.000	-73.35	18.95	-54.40	-13.00	-41.40	peak
2	7845.000	-75.47	25.99	-49.48	-13.00	-36.48	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2615MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_10M_QPSK_CH38200		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5230.000	-72.63	18.95	-53.68	-13.00	-40.68	peak
2	7845.000	-74.03	25.99	-48.04	-13.00	-35.04	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_10M-16QAM_CH38000		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-72.34	18.85	-53.49	-13.00	-40.49	peak
2	7785.000	-74.39	25.86	-48.53	-13.00	-35.53	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_10M-16QAM_CH38000		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-72.48	18.85	-53.63	-13.00	-40.63	peak
2	7785.000	-74.68	25.86	-48.82	-13.00	-35.82	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2577.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_15M_QPSK_CH37825		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5155.000	-72.87	18.76	-54.11	-13.00	-41.11	peak
2	7732.500	-74.30	25.73	-48.57	-13.00	-35.57	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2577.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_15M_QPSK_CH37825		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5155.000	-72.27	18.76	-53.51	-13.00	-40.51	peak
2	7732.500	-72.66	25.73	-46.93	-13.00	-33.93	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_15M_QPSK_CH38000		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-73.73	18.85	-54.88	-13.00	-41.88	peak
2	7785.000	-72.32	25.86	-46.46	-13.00	-33.46	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_15M_QPSK_CH38000		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-72.85	18.85	-54.00	-13.00	-41.00	peak
2	7785.000	-73.82	25.86	-47.96	-13.00	-34.96	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2612.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_15M_QPSK_CH38175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5225.000	-72.71	18.93	-53.78	-13.00	-40.78	peak
2	7837.500	-74.27	25.97	-48.30	-13.00	-35.30	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2612.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_15M_QPSK_CH38175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5225.000	-72.86	18.93	-53.93	-13.00	-40.93	peak
2	7837.500	-74.21	25.97	-48.24	-13.00	-35.24	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_15M-16QAM_CH38000		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-73.60	18.85	-54.75	-13.00	-41.75	peak
2	7785.000	-72.42	25.86	-46.56	-13.00	-33.56	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_15M-16QAM_CH38000		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-73.74	18.85	-54.89	-13.00	-41.89	peak
2	7785.000	-73.77	25.86	-47.91	-13.00	-34.91	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2580MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_20M_QPSK_CH37850		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5160.000	-73.46	18.77	-54.69	-13.00	-41.69	peak
2	7740.000	-73.52	25.75	-47.77	-13.00	-34.77	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2580MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_20M_QPSK_CH37850		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5160.000	-72.87	18.77	-54.10	-13.00	-41.10	peak
2	7740.000	-73.56	25.75	-47.81	-13.00	-34.81	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_20M_QPSK_CH38000		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-73.98	18.85	-55.13	-13.00	-42.13	peak
2	7785.000	-74.87	25.86	-49.01	-13.00	-36.01	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_20M_QPSK_CH38000		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-72.98	18.85	-54.13	-13.00	-41.13	peak
2	7785.000	-74.10	25.86	-48.24	-13.00	-35.24	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2610MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_20M_QPSK_CH38150		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5220.000	-73.44	18.93	-54.51	-13.00	-41.51	peak
2	7830.000	-74.82	25.95	-48.87	-13.00	-35.87	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2610MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_20M_QPSK_CH38150		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5220.000	-73.70	18.93	-54.77	-13.00	-41.77	peak
2	7830.000	-75.15	25.95	-49.20	-13.00	-36.20	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_20M-16QAM_CH38000		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-73.35	18.85	-54.50	-13.00	-41.50	peak
2	7785.000	-73.99	25.86	-48.13	-13.00	-35.13	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2595MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 38_20M-16QAM_CH38000		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5190.000	-73.58	18.85	-54.73	-13.00	-41.73	peak
2	7785.000	-74.63	25.86	-48.77	-13.00	-35.77	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2307.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M-QPSK_CH38725		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4615.000	-70.28	17.15	-53.13	-13.00	-40.13	peak
2	6922.500	-73.67	23.23	-50.44	-13.00	-37.44	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2307.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M-QPSK_CH38725		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4615.000	-68.59	17.15	-51.44	-13.00	-38.44	peak
2	6922.500	-73.06	23.23	-49.83	-13.00	-36.83	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M-QPSK_CH38750		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-71.98	17.16	-54.82	-13.00	-41.82	peak
2	6930.000	-73.05	23.25	-49.80	-13.00	-36.80	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M-QPSK_CH38750		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-69.46	17.16	-52.30	-13.00	-39.30	peak
2	6930.000	-72.27	23.25	-49.02	-13.00	-36.02	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2312.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M-QPSK_CH38775		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4625.000	-70.33	17.18	-53.15	-13.00	-40.15	peak
2	6937.500	-73.79	23.27	-50.52	-13.00	-37.52	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2312.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M-QPSK_CH38775		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4625.000	-68.38	17.18	-51.20	-13.00	-38.20	peak
2	6937.500	-73.49	23.27	-50.22	-13.00	-37.22	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M-16QAM_CH38750		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-68.98	17.16	-51.82	-13.00	-38.82	peak
2	6930.000	-72.81	23.25	-49.56	-13.00	-36.56	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M-16QAM_CH38750		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-69.36	17.16	-52.20	-13.00	-39.20	peak
2	6930.000	-72.64	23.25	-49.39	-13.00	-36.39	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_10M-QPSK_CH38750		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-71.06	17.16	-53.90	-13.00	-40.90	peak
2	6930.000	-73.95	23.25	-50.70	-13.00	-37.70	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_10M-QPSK_CH38750		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-70.72	17.16	-53.56	-13.00	-40.56	peak
2	6930.000	-72.56	23.25	-49.31	-13.00	-36.31	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_10M-16QAM_CH38750		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-71.26	17.16	-54.10	-13.00	-41.10	peak
2	6930.000	-73.53	23.25	-50.28	-13.00	-37.28	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_10M-16QAM_CH38750		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4620.000	-71.63	17.16	-54.47	-13.00	-41.47	peak
2	6930.000	-73.06	23.25	-49.81	-13.00	-36.81	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	3632.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M_QPSK_CH39175		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4705.000	-74.18	17.41	-56.77	-13.00	-43.77	peak
2	7057.500	-73.95	23.63	-50.32	-13.00	-37.32	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2352.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M_QPSK_CH39175		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4705.000	-72.62	17.41	-55.21	-13.00	-42.21	peak
2	7057.500	-73.01	23.63	-49.38	-13.00	-36.38	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2355MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M_QPSK_CH39200		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4710.000	-72.79	17.43	-55.36	-13.00	-42.36	peak
2	7065.000	-74.07	23.66	-50.41	-13.00	-37.41	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2355MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M_QPSK_CH39200		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4710.000	-72.48	17.43	-55.05	-13.00	-42.05	peak
2	7065.000	-73.90	23.66	-50.24	-13.00	-37.24	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2357.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M_QPSK_CH39225		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4715.000	-72.42	17.45	-54.97	-13.00	-41.97	peak
2	7072.500	-73.80	23.69	-50.11	-13.00	-37.11	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2357.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M_QPSK_CH39225		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4715.000	-73.00	17.45	-55.55	-13.00	-42.55	peak
2	7072.500	-74.47	23.69	-50.78	-13.00	-37.78	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2355MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M-16QAM_CH39200		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4710.000	-73.22	17.43	-55.79	-13.00	-42.79	peak
2	7065.000	-74.49	23.66	-50.83	-13.00	-37.83	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2355MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_5M-16QAM_CH39200		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4710.000	-72.73	17.43	-55.30	-13.00	-42.30	peak
2	7065.000	-74.12	23.66	-50.46	-13.00	-37.46	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2355MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_10M-QPSK_CH39200		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4710.000	-70.83	17.43	-53.40	-13.00	-40.40	peak
2	7065.000	-73.78	23.66	-50.12	-13.00	-37.12	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2355MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_10M-QPSK_CH39200		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4710.000	-70.44	17.43	-53.01	-13.00	-40.01	peak
2	7065.000	-72.76	23.66	-49.10	-13.00	-36.10	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2355MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_10M-16QAM_CH39200		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4710.000	-70.13	17.43	-52.70	-13.00	-39.70	peak
2	7065.000	-73.95	23.66	-50.29	-13.00	-37.29	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2355MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 40_10M-16QAM_CH39200		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	4710.000	-70.97	17.43	-53.54	-13.00	-40.54	peak
2	7065.000	-74.13	23.66	-50.47	-13.00	-37.47	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2557.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_5M_QPSK_CH40265		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5115.000	-71.97	18.64	-53.33	-25.00	-28.33	peak
2	7672.500	-74.12	25.60	-48.52	-25.00	-23.52	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2557.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_5M_QPSK_CH40265		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5115.000	-73.05	18.64	-54.41	-25.00	-29.41	peak
2	7672.500	-73.72	25.60	-48.12	-25.00	-23.12	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_5M_QPSK_CH40740		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-73.27	18.90	-54.37	-25.00	-29.37	peak
2	7815.000	-73.71	25.91	-47.80	-25.00	-22.80	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_5M_QPSK_CH40740		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-74.28	18.90	-55.38	-25.00	-30.38	peak
2	7815.000	-73.11	25.91	-47.20	-25.00	-22.20	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2652.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_5M_QPSK_CH41215		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5305.000	-73.02	19.16	-53.86	-25.00	-28.86	peak
2	7957.500	-73.63	26.24	-47.39	-25.00	-22.39	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2652.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_5M_QPSK_CH41215		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5305.000	-73.54	19.16	-54.38	-25.00	-29.38	peak
2	7957.500	-74.86	26.24	-48.62	-25.00	-23.62	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_5M-16QAM_CH40740		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-73.53	18.90	-54.63	-25.00	-29.63	peak
2	7815.000	-73.86	25.91	-47.95	-25.00	-22.95	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_5M-16QAM_CH40740		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-72.10	18.90	-53.20	-25.00	-28.20	peak
2	7815.000	-72.41	25.91	-46.50	-25.00	-21.50	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2560MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_10M_QPSK_CH40290		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5120.000	-73.08	18.65	-54.43	-25.00	-29.43	peak
2	7680.000	-74.12	25.62	-48.50	-25.00	-23.50	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2560MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_10M_QPSK_CH40290		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5120.000	-72.05	18.65	-53.40	-25.00	-28.40	peak
2	7680.000	-75.11	25.62	-49.49	-25.00	-24.49	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_10M_QPSK_CH40740		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-73.27	18.90	-54.37	-25.00	-29.37	peak
2	7815.000	-74.77	25.91	-48.86	-25.00	-23.86	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_10M_QPSK_CH40740		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-73.95	18.90	-55.05	-25.00	-30.05	peak
2	7815.000	-73.78	25.91	-47.87	-25.00	-22.87	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2650MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_10M_QPSK_CH41190		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5300.000	-75.20	19.14	-56.06	-25.00	-31.06	peak
2	7950.000	-76.14	26.22	-49.92	-25.00	-24.92	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2650MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_10M_QPSK_CH41190		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5300.000	-74.02	19.14	-54.88	-25.00	-29.88	peak
2	7950.000	-74.93	26.22	-48.71	-25.00	-23.71	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_10M-16QAM_CH40740		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-72.36	18.90	-53.46	-25.00	-28.46	peak
2	7815.000	-74.98	25.91	-49.07	-25.00	-24.07	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_10M-16QAM_CH40740		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-73.86	18.90	-54.96	-25.00	-29.96	peak
2	7815.000	-74.57	25.91	-48.66	-25.00	-23.66	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2562.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_15M_QPSK_CH40315		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5125.000	-73.64	18.67	-54.97	-25.00	-29.97	peak
2	7687.500	-74.81	25.64	-49.17	-25.00	-24.17	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2562.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_15M_QPSK_CH40315		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5125.000	-72.86	18.67	-54.19	-25.00	-29.19	peak
2	7687.500	-74.71	25.64	-49.07	-25.00	-24.07	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_15M_QPSK_CH40740		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-73.16	18.90	-54.26	-25.00	-29.26	peak
2	7815.000	-73.60	25.91	-47.69	-25.00	-22.69	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_15M_QPSK_CH40740		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-74.55	18.90	-55.65	-25.00	-30.65	peak
2	7815.000	-73.02	25.91	-47.11	-25.00	-22.11	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2647.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_15M_QPSK_CH41165		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5295.000	-75.16	19.12	-56.04	-25.00	-31.04	peak
2	7942.500	-74.24	26.21	-48.03	-25.00	-23.03	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2647.5MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_15M_QPSK_CH41165		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5295.000	-70.93	19.12	-51.81	-25.00	-26.81	peak
2	7942.500	-74.20	26.21	-47.99	-25.00	-22.99	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_15M-16QAM_CH40740		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-73.45	18.90	-54.55	-25.00	-29.55	peak
2	7815.000	-73.80	25.91	-47.89	-25.00	-22.89	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_15M-16QAM_CH40740		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-72.23	18.90	-53.33	-25.00	-28.33	peak
2	7815.000	-72.80	25.91	-46.89	-25.00	-21.89	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2565MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_20M_QPSK_CH40340		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5130.000	-73.53	18.69	-54.84	-25.00	-29.84	peak
2	7695.000	-74.69	25.66	-49.03	-25.00	-24.03	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2565MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_20M_QPSK_CH40340		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5130.000	-73.46	18.69	-54.77	-25.00	-29.77	peak
2	7695.000	-75.09	25.66	-49.43	-25.00	-24.43	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_20M_QPSK_CH40740		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-73.37	18.90	-54.47	-25.00	-29.47	peak
2	7815.000	-74.11	25.91	-48.20	-25.00	-23.20	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_20M_QPSK_CH40740		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-73.75	18.90	-54.85	-25.00	-29.85	peak
2	7815.000	-73.54	25.91	-47.63	-25.00	-22.63	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2645MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_20M_QPSK_CH41140		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5290.000	-75.21	19.11	-56.10	-25.00	-31.10	peak
2	7935.000	-75.08	26.19	-48.89	-25.00	-23.89	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2645MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_20M_QPSK_CH41140		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5290.000	-74.26	19.11	-55.15	-25.00	-30.15	peak
2	7935.000	-75.75	26.19	-49.56	-25.00	-24.56	peak



Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_20M-16QAM_CH40740		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-72.87	18.90	-53.97	-25.00	-28.97	peak
2	7815.000	-75.11	25.91	-49.20	-25.00	-24.20	peak

Standard:	Part 22H_24E_27	Test Distance:	3m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2605MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	4G_BAND 41_20M-16QAM_CH40740		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	5210.000	-73.11	18.90	-54.21	-25.00	-29.21	peak
2	7815.000	-74.27	25.91	-48.36	-25.00	-23.36	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_Band 2/Band 4/Band 5/Band 7/Band 12/Band 17/Band 38/Band 40/Band 41.

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