



**FCC CFR47 PART 27 SUBPART M
CLASS II PERMISSIVE CHANGE**

CERTIFICATION TEST REPORT

FOR

3G 4G MODULE

MODEL NUMBER: M600

FCC ID: XHG-M600

REPORT NUMBER: 12U14462-2, Revision A

ISSUE DATE: JULY 10, 2012

Prepared for

FORTINET

Franklin Technology Inc.

**906 JEI Platz, 459-11, Gasan-Dong, Gumcheon-Gu
Seoul, 152-803, South Korea**

Prepared by

COMPLIANCE CERTIFICATION SERVICES (UL CCS)

47173 BENICIA STREET

FREMONT, CA 94538, U.S.A.

TEL: (510) 771-1000

FAX: (510) 661-0888



NVLAP LAB CODE 200065-0

Revision History

Rev.	Issue Date	Revisions	Revised By
---	06/25/12	Initial Issue	T. Chan
A	07/10/12	Corrected antenna type	A. Zaffar

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS.....	4
2. TEST METHODOLOGY	5
3. FACILITIES AND ACCREDITATION.....	5
4. CALIBRATION AND UNCERTAINTY	5
4.1. MEASURING INSTRUMENT CALIBRATION	5
4.2. SAMPLE CALCULATION.....	5
4.3. MEASUREMENT UNCERTAINTY	5
5. EQUIPMENT UNDER TEST	6
5.1. DESCRIPTION OF EUT.....	6
5.1. MAXIMUM OUTPUT POWER.....	6
5.1. DESCRIPTION OF CLASS II PERMISSIVE CHANGE.....	6
5.2. DESCRIPTION OF AVAILABLE ANTENNAS	6
5.3. SOFTWARE AND FIRMWARE	6
5.4. WORST-CASE CONFIGURATION AND MODE.....	6
5.5. DESCRIPTION OF TEST SETUP	7
6. TEST AND MEASUREMENT EQUIPMENT	9
7. RADIATED TEST RESULTS	10
7.1. RADIATED POWER (EIRP)	10
7.2. FIELD STRENGTH OF SPURIOUS RADIATION	15
8. SETUP PHOTOS.....	21

1. ATTESTATION OF TEST RESULTS

COMPANY NAME: FORTINET
Franklin Technology Inc.
906 JEI Platz, 459-11, Gasan-Dong, Gumcheon-Gu
Seoul, 152-803, South Korea

EUT DESCRIPTION: 3G 4G MODULE

MODEL: M600

SERIAL NUMBER: F463490466C4

DATE TESTED: JUNE 19-21, 2012

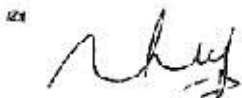
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 27 SUBPART M	PASS

Compliance Certification Services (UL CCS) 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 UL CCS based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL CCS and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL CCS will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Approved & Released For UL CCS By:

Tested By:



THU CHAN
ENGINEERING MANAGER
UL CCS



CHIN PANG
EMC ENGINEER
UL CCS

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with TIA/EIA 603C (2004), FCC CFR 47 Part 2, and FCC CFR 47 Part 27M.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 Benicia Street, Fremont, California, USA.

UL CCS is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at <http://www.ccsemc.com>.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

$$\begin{aligned} \text{Field Strength (dBuV/m)} &= \text{Measured Voltage (dBuV)} + \text{Antenna Factor (dB/m)} + \\ &\text{Cable Loss (dB)} - \text{Preamp Gain (dB)} \\ 36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} &= 28.9 \text{ dBuV/m} \end{aligned}$$

4.3. MEASUREMENT UNCERTAINTY

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

PARAMETER	UNCERTAINTY
Conducted Disturbance, 0.15 to 30 MHz	3.52 dB
Radiated Disturbance, 30 to 1000 MHz	4.94 dB

Uncertainty figures are valid to a confidence level of 95%.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is 3G 4G Module

5.1. MAXIMUM OUTPUT POWER

The RF conducted measurement passed within ± 0.5 dBm of the original output power.

The RF radiated measurement with maximum EIRP output powers are as follows:

Frequency range (MHz)	Bandwidth	Modulation	EIRP	
			dBm	mW
2498.5-2687.5	5MHz	QPSK	24.36	272.9
2498.5-2687.5	5MHz	16QAM	24.65	291.7
2501-2685	10MHz	QPSK	24.15	260.0
2501-2685	10MHz	16QAM	24.45	278.6

5.1. DESCRIPTION OF CLASS II PERMISSIVE CHANGE

The major change filed under this application is adding dipole antennas.

5.2. DESCRIPTION OF AVAILABLE ANTENNAS

The radio utilizes an integrated Dipole antenna, with a maximum peak gain of 2.5dBi.

5.3. SOFTWARE AND FIRMWARE

The test utility software used during testing was X350 VSG Beceem Diagnostic Control Panel Version 3.3.0.

5.4. WORST-CASE CONFIGURATION AND MODE

The worst-case channel is determined as the channel with the highest output power.

5.5. DESCRIPTION OF TEST SETUP

RADIATED TESTS SUPPORT EQUIPMENT

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	FCC ID
Tablet Laptop	Lenovo	ThinkPad R60	LV-BB670	DoC
AC Adapter	Lenovo	42T4426	11S42T4426Z1ZF3F04C4FW	DoC
Vector signal generator	Agilent / HP	E4438C	US44271971	NA
Antenna, Horn, 18 GHz	ETS	3117	9702-5118	NA

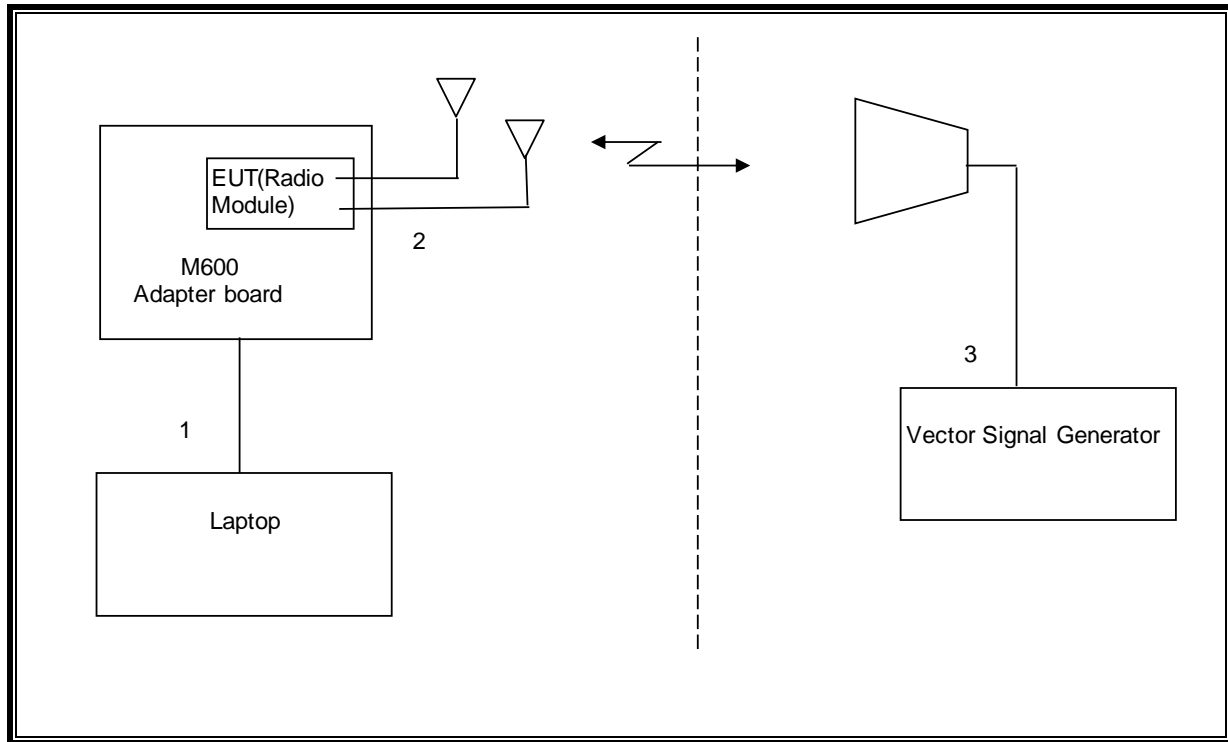
I/O CABLES

I/O CABLE LIST						
Cable No.	Port	# of Identic Ports	Connector Type	Cable Type	Cable Length	Remarks
1	USB	1	MINI USB	UN-SHELDED	1.0m	N/A
2	RF	1	Dipole	UN-SHELDED	0.1m	N/A
3	RF	1	SMA	UN-SHELDED	3m	N/A

TEST SETUP

The EUT is installed in an adapter board that connected to a laptop computer via USB cable during the tests. Test software exercised the radio card.

RADIATED SETUP DIAGRAM FOR TESTS



6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	Asset	Cal Due
Spectrum Analyzer, 26.5 GHz	Agilent / HP	E4440A	C01178	08/30/12
Antenna, Horn, 18 GHz	EMCO	3115	C00783	06/29/12
Antenna, Horn, 18 GHz	EMCO	3115	C00945	06/29/12
Antenna, Bilog, 2 GHz	Sunol Sciences	JB1	C01011	07/16/12
Vector Signal Generator	Agilent / HP	E4438C	N/A	09/09/12
Preamplifier, 26.5 GHz	Agilent / HP	8449B	C01052	07/12/12
Preamplifier, 1300 MHz	Agilent / HP	8447D	C00885	01/27/12
Highpass Filter, 2.7 GHz	Micro-Tronics	HPM13194	N02687	CNR
Directional Coupler	RF-Lambda	RFDC5M06G15	N/A	CNR
Signal Generator, 20 GHz	Agilent / HP	83732B	C00774	07/14/12

7. RADIATED TEST RESULTS

7.1. RADIATED POWER (EIRP)

LIMITS

§2.1046 & §27.50 (h)(2) Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

TEST PROCEDURE

ANSI / TIA / EIA 603 Clause 2.2.17 and §27.50 (i) and KDB 971168

RESULTS

BW	Mode	Channel	Frequency (MHz)	EIRP (dBm)	EIRP (mW)
5MHz	QPSK	Low	2498.5	24.36	272.90
		Middle	2593.0	23.95	248.31
		High	2687.5	24.05	254.10
	16QAM	Low	2498.5	24.19	262.42
		Middle	2593.0	23.75	237.14
		High	2687.5	24.65	291.74
10MHz	QPSK	Low	2501.0	23.83	241.55
		Middle	2593.0	24.05	254.10
		High	2685.0	24.15	260.02
	16QAM	Low	2501.0	24.03	252.93
		Middle	2593.0	24.35	272.27
		High	2685.0	24.45	278.61

Above 1GHz at 5MHz Bandwidth

5MHz_QPSK

**High Frequency Fundamental Measurement
Compliance Certification Services Chamber B**

Company: Fortinet
Project #: 12U14462
Date: 06/19/12
Test Engineer: Chin Pang
Configuration: EUT/Dipole Antenna
Mode: 5MHz, QPSK

Test Equipment:

Receiving: Horn T59, and Camber B SMA Cables

Substitution: Horn T217 Substitution, 4ft SMA Cable (244639001) Warehouse

f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
2.499	15.9	V	0.85	9.29	24.36	33.0	-8.6	
2.499	7.0	H	0.85	9.25	15.40	33.0	-17.6	
2.593	15.4	V	0.85	9.40	23.95	33.0	-9.1	
2.593	6.7	H	0.85	9.18	15.03	33.0	-18.0	
2.688	15.3	V	0.85	9.60	24.05	33.0	-9.0	
2.688	6.8	H	0.85	9.54	15.49	33.0	-17.5	

Rev. 3.17.11

5MHz_16QAM

High Frequency Fundamental Measurement Compliance Certification Services Chamber B

Company: Fortinet
Project #: 12U14462
Date: 06/19/12
Test Engineer: Chin Pang
Configuration: EUT/Dipole Antenna
Mode: 5MHz, 16QAM

Test Equipment:

Receiving: Horn T59, and Camber B SMA Cables
Substitution: Horn T217 Substitution, 4ft SMA Cable (244639001) Warehouse

f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
2.499	15.8	V	0.85	9.29	24.19	33.0	-8.8	
2.499	6.7	H	0.85	9.25	15.10	33.0	-17.9	
2.593	15.2	V	0.85	9.40	23.75	33.0	-9.3	
2.593	6.7	H	0.85	9.18	15.03	33.0	-18.0	
2.688	15.9	V	0.85	9.60	24.65	33.0	-8.4	
2.688	6.9	H	0.85	9.54	15.59	33.0	-17.4	

Rev. 3.17.11

10MHz_QPSK

High Frequency Fundamental Measurement Compliance Certification Services Chamber B

Company: Fortinet
Project #: 12U14462
Date: 06/19/12
Test Engineer: Chin Pang
Configuration: EUT WITH Dipole Antenna
Mode: TX, 10MHz BAND_QPSK MODE

Test Equipment:

Receiving: Horn T73, and Camber B SMA Cables

Substitution: Horn T217 Substitution, 6ft SMA Cable (208947003) Warehouse

f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
2.501	15.4	V	0.85	9.28	23.83	33.0	-9.2	
2.501	7.5	H	0.85	9.25	15.90	33.0	-17.1	
2.593	15.5	V	0.85	9.40	24.05	33.0	-9.0	
2.593	7.4	H	0.85	9.18	15.73	33.0	-17.3	
2.685	15.4	V	0.85	9.60	24.15	33.0	-8.9	
2.685	7.3	H	0.85	9.54	15.99	33.0	-17.0	

Rev. 3.17.11

10MHz_16QAM

High Frequency Fundamental Measurement Compliance Certification Services Chamber B

Company: Fortinet
Project #: 12U14462
Date: 06/19/12
Test Engineer: Chin Pang
Configuration: EUT WITH dipole Antenna
Mode: TX, 10MHz BAND_16QAM MODE

Test Equipment:

Receiving: Horn T59, and Camber B SMA Cables
Substitution: Horn T217 Substitution, 6ft SMA Cable (208947003) Warehouse

f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Cable Loss (dB)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
2.501	15.6	V	0.85	9.28	24.03	33.0	-9.0	
2.501	7.5	H	0.85	9.25	15.90	33.0	-17.1	
2.593	15.8	V	0.85	9.40	24.35	33.0	-8.7	
2.593	7.3	H	0.85	9.18	15.63	33.0	-17.4	
2.685	15.7	V	0.85	9.60	24.45	33.0	-8.6	
2.685	7.5	H	0.85	9.54	16.19	33.0	-16.8	

Rev. 3.17.11

7.2. FIELD STRENGTH OF SPURIOUS RADIATION

LIMIT

§2.1053

§27.53 (m)(4) 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.

TEST PROCEDURE

ANSI / TIA / EIA 603 Clause 3.2.12 & FCC 27

RESULTS

Below 1GHz (Worst Case)

Compliance Certification Services 30 - 1000MHz Substitution Measurement										
Company: Fortinet										
Project #: 12U14462										
Date: 6/19/2012										
Test Engineer: Chin Pang										
Configuration: EUT WITH Antenna										
Mode: TX, WORST-CASE										
Chamber		Pre-amplifier		Filter		Limit				
5m Chamber A		T15 8447D				PART 27				
f MHz	SA reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Path Loss (dB)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
100.00	-60.0	V	3.0	21.4	28.2		-66.8	-25.0	-41.8	
162.00	-65.0	V	3.0	22.4	28.0		-70.6	-25.0	-45.6	
240.00	-57.0	V	3.0	21.5	27.6		-63.2	-25.0	-38.2	
299.00	-62.0	V	3.0	22.0	27.4		-67.4	-25.0	-42.4	
79.50	-56.0	H	3.0	29.3	28.3		-55.0	-25.0	-30.0	
195.00	-52.0	H	3.0	19.3	27.8		-60.5	-25.0	-35.5	
254.50	-50.0	H	3.0	19.6	27.6		-58.0	-25.0	-33.0	
299.00	-58.0	H	3.0	20.3	27.4		-65.1	-25.0	-40.1	
Rev. 03.03.09										
Note: No other emissions were detected above the system noise floor.										

Above 1GHz at 5MHz Bandwidth

5MHz_QPSK

**Compliance Certification Services
Above 1GHz High Frequency Substitution Measurement**

Company: Fortinat
Project #: 12U14462
Date: 06/19/12
Test Engineer: Chin Pang
Configuration: EUT and Antenna
Mode: TX, WiMax 5MHz BAND QPSK MODE

Chamber	Pre-amplifier	Filter	Limit
5m Chamber A	T144 8449B	Filter 1	Part 27

f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 2498.5MHz									
4.997	-12.8	V	3.0	36.3	1.0	-48.1	-25.0	-23.1	
7.496	0.9	V	3.0	36.6	1.0	-34.6	-25.0	-9.6	
9.994	-7.8	V	3.0	37.2	1.0	-44.0	-25.0	-19.0	
4.997	-14.2	H	3.0	36.3	1.0	-49.6	-25.0	-24.6	
7.496	-9.0	H	3.0	36.6	1.0	-44.6	-25.0	-19.6	
9.994	-8.8	H	3.0	37.2	1.0	-45.0	-25.0	-20.0	
Mid Ch, 2593.0MHz									
5.186	-9.3	V	3.0	36.3	1.0	-44.5	-25.0	-19.5	
7.779	-2.7	V	3.0	36.7	1.0	-38.3	-25.0	-13.3	
10.372	-6.4	V	3.0	37.1	1.0	-42.5	-25.0	-17.5	
5.186	-16.7	H	3.0	36.3	1.0	-51.9	-25.0	-26.9	
7.779	-11.2	H	3.0	36.7	1.0	-46.9	-25.0	-21.9	
10.372	-10.2	H	3.0	37.1	1.0	-46.3	-25.0	-21.3	
High Ch, 2687.5MHz									
5.375	-14.0	V	3.0	36.3	1.0	-49.2	-25.0	-24.2	
8.063	-8.3	V	3.0	36.7	1.0	-44.0	-25.0	-19.0	
10.750	-9.0	V	3.0	37.0	1.0	-45.0	-25.0	-20.0	
5.375	-15.4	H	3.0	36.3	1.0	-50.6	-25.0	-25.6	
8.063	-11.3	H	3.0	36.7	1.0	-47.0	-25.0	-22.0	
10.750	-9.0	H	3.0	37.0	1.0	-45.0	-25.0	-20.0	

Rev. 03.03.09

Note: No other emissions were detected above the system noise floor.

5MHz_16QAM

Compliance Certification Services
Above 1GHz High Frequency Substitution Measurement

Company: Fortinat
Project #: 12U14462
Date: 06/19/12
Test Engineer: Chin Pang
Configuration: EUT and Antenna
Mode: TX, WiMax 5MHZ BAND 16QAM MODE

Chamber	Pre-amplifier	Filter	Limit
5m Chamber A	T144 8449B	Filter 1	Part 27

f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 2498.5MHz									
4.997	-11.8	V	3.0	36.3	1.0	-47.1	-25.0	-22.1	
7.496	0.9	V	3.0	36.6	1.0	-34.6	-25.0	-9.6	
9.994	-4.8	V	3.0	37.2	1.0	-41.0	-25.0	-16.0	
4.997	-14.2	H	3.0	36.3	1.0	-49.6	-25.0	-24.6	
7.496	-9.0	H	3.0	36.6	1.0	-44.6	-25.0	-19.6	
9.994	-8.8	H	3.0	37.2	1.0	-45.0	-25.0	-20.0	
Mid Ch, 2593.0MHz									
5.186	-8.3	V	3.0	36.3	1.0	-43.5	-25.0	-18.5	
7.779	-1.7	V	3.0	36.7	1.0	-37.3	-25.0	-12.3	
10.372	-4.4	V	3.0	37.1	1.0	-40.5	-25.0	-15.5	
5.186	-15.7	H	3.0	36.3	1.0	-50.9	-25.0	-25.9	
7.779	-10.6	H	3.0	36.7	1.0	-46.3	-25.0	-21.3	
10.372	-9.9	H	3.0	37.1	1.0	-46.0	-25.0	-21.0	
High Ch, 2687.5MHz									
5.375	-13.0	V	3.0	36.3	1.0	-48.2	-25.0	-23.2	
8.063	-7.3	V	3.0	36.7	1.0	-43.0	-25.0	-18.0	
10.750	-7.0	V	3.0	37.0	1.0	-43.0	-25.0	-18.0	
5.375	-16.0	V	3.0	36.3	1.0	-51.2	-25.0	-26.2	
8.063	-11.3	H	3.0	36.7	1.0	-47.0	-25.0	-22.0	
10.750	-8.0	H	3.0	37.0	1.0	-44.0	-25.0	-19.0	

Rev. 03.03.09

Note: No other emissions were detected above the system noise floor.

Above 1GHz at 10MHz Bandwidth

10MHz_QPSK

**Compliance Certification Services
Above 1GHz High Frequency Substitution Measurement**

Company: Fortinet
Project #: 12U14462
Date: 06/19/12
Test Engineer: Chin Pang
Configuration: EUT and Dipole Antenna
Mode: TX, WiMax 10MHZ BAND QPSK MODE

Chamber	Pre-amplifier	Filter	Limit
5m Chamber A	T144 8449B	Filter 1	Part 27

f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 2501.0MHz									
5.002	-15.7	V	3.0	36.3	1.0	-51.0	-25.0	-26.0	
7.788	-2.7	V	3.0	36.7	1.0	-38.3	-25.0	-13.3	
10.740	-12.1	V	3.0	37.0	1.0	-48.0	-25.0	-23.0	
5.002	-16.2	H	3.0	36.3	1.0	-51.5	-25.0	-26.5	
7.788	-12.6	H	3.0	36.7	1.0	-48.3	-25.0	-23.3	
10.740	-15.0	H	3.0	37.0	1.0	-51.0	-25.0	-26.0	
Mid Ch, 2593.0MHz									
5.192	-12.2	V	3.0	36.2	1.0	-47.5	-25.0	-22.5	
7.788	-5.7	V	3.0	36.7	1.0	-41.3	-25.0	-16.3	
10.384	-11.4	V	3.0	37.1	1.0	-47.5	-25.0	-22.5	
5.192	-17.7	H	3.0	36.2	1.0	-52.9	-25.0	-27.9	
7.788	-9.6	H	3.0	36.7	1.0	-45.3	-25.0	-20.3	
10.384	-15.9	H	3.0	37.1	1.0	-52.0	-25.0	-27.0	
High Ch, 2685.0MHz									
5.370	-13.0	V	3.0	36.3	1.0	-48.2	-25.0	-23.2	
8.055	-7.3	V	3.0	36.7	1.0	-43.1	-25.0	-18.1	
10.740	-10.1	V	3.0	37.0	1.0	-46.0	-25.0	-21.0	
5.370	-15.4	H	3.0	36.3	1.0	-50.6	-25.0	-25.6	
8.055	-14.3	H	3.0	36.7	1.0	-50.0	-25.0	-25.0	
10.740	-14.0	H	3.0	37.0	1.0	-50.0	-25.0	-25.0	

Rev. 03.03.09

Note: No other emissions were detected above the system noise floor.

10MHz_16QAM

Compliance Certification Services
Above 1GHz High Frequency Substitution Measurement

Company: Fortinet
Project #: 12U14462
Date: 06/19/12
Test Engineer: Chin Pang
Configuration: EUT and Dipole Antenna
Mode: TX, WiMax 10MHZ BAND 16QAM MODE

Chamber	Pre-amplifier	Filter	Limit
5m Chamber A	T144 8449B	Filter 1	Part 27

f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Ch, 2501.0MHz									
5.002	-14.7	V	3.0	36.3	1.0	-50.0	-25.0	-25.0	
7.788	-1.7	V	3.0	36.7	1.0	-37.3	-25.0	-12.3	
10.740	-10.1	V	3.0	37.0	1.0	-46.0	-25.0	-21.0	
5.002	-18.2	H	3.0	36.3	1.0	-53.5	-25.0	-28.5	
7.788	-9.6	H	3.0	36.7	1.0	-45.3	-25.0	-20.3	
10.740	-11.0	H	3.0	37.0	1.0	-47.0	-25.0	-22.0	
Mid Ch, 2593.0MHz									
5.192	-11.2	V	3.0	36.2	1.0	-46.5	-25.0	-21.5	
7.788	-5.7	V	3.0	36.7	1.0	-41.3	-25.0	-16.3	
10.384	-10.4	V	3.0	37.1	1.0	-46.5	-25.0	-21.5	
5.192	-18.7	H	3.0	36.2	1.0	-53.9	-25.0	-28.9	
7.788	-12.6	H	3.0	36.7	1.0	-48.3	-25.0	-23.3	
10.384	-12.9	H	3.0	37.1	1.0	-49.0	-25.0	-24.0	
High Ch, 2685.0MHz									
5.370	-15.0	V	3.0	36.3	1.0	-50.2	-25.0	-25.2	
8.055	-9.3	V	3.0	36.7	1.0	-45.1	-25.0	-20.1	
10.740	-10.1	V	3.0	37.0	1.0	-46.0	-25.0	-21.0	
5.370	-18.4	H	3.0	36.3	1.0	-53.6	-25.0	-28.6	
8.055	-15.3	H	3.0	36.7	1.0	-51.0	-25.0	-26.0	
10.740	-14.0	H	3.0	37.0	1.0	-50.0	-25.0	-25.0	

Rev. 03.03.09

Note: No other emissions were detected above the system noise floor.