FCC 47 CFR PART 15 SUBPART B TEST REPORT

for

8 Port 1U Network Appliance

MODEL: xxxxFWS-7600xx-xxx-xxxxxxx

Test Report Number: T100325203-F

Issued to:

AAEON Technology Inc.

5F, No.135, Lane 235, Pao Chiao Rd., Hsin-Tien City, Taipei, Taiwan, R.O.C.

Issued by:

Compliance Certification Services Inc.

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Issued Date: March 31, 2010







Reference No.: T100113202-F Report No.: T100325203-F

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Reference No.: T100113202-F Report No.: T100325203-F

Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	April 24, 2008	Initial Issue	ALL	Andrea Chen
01	July 23. 2008	Change Optical Fiber Port to RJ45 Port	ALL	Andrea Chen
02	January 20, 2010	Change Power Supply	ALL	Andrea Chen
03	March 31, 2010	Change LAN module	ALL	Andrea Chen

CCS Compliance Certification Services Inc.

Reference No.: T100113202-F Report No.: T100325203-F

TABLE OF CONTENTS

1	TEST RESULT CERTIFICATION	4
2	EUT DESCRIPTION	5
3	TEST METHODOLOGY	6
3.1.	DECISION OF FINAL TEST MODE	
3.2.	EUT SYSTEM OPERATION	
4	SETUP OF EQUIPMENT UNDER TEST	7
4.1.	DESCRIPTION OF SUPPORT UNITS	
4.2.	CONFIGURATION OF SYSTEM UNDER TEST	
5	FACILITIES AND ACCREDITATIONS	
5.1.	FACILITIES	
5.2.	ACCREDITATIONS	
5.3.	MEASUREMENT UNCERTAINTY	9
6	CONDUCTED EMISSION MEASUREMENT	10
6.1.	LIMITS OF CONDUCTED EMISSION MEASUREMENT	10
6.2.	TEST INSTRUMENTS	10
6.3.	TEST PROCEDURES	11
6.4.	TEST SETUP	12
6.5.	DATA SAMPLE	
6.6.	TEST RESULTS	
7	RADIATED EMISSION MEASUREMENT	14
7.1.	LIMITS OF RADIATED EMISSION MEASUREMENT	14
7.2.	TEST INSTRUMENTS	15
7.3.	TEST PROCEDURES	16
7.4.	TEST SETUP	
7.5.	DATA SAMPLE	18
7.6.	TEST RESULTS	• • • • • • • • • • • • • • • • • • • •
8	PHOTOGRAPHS OF THE TEST CONFIGURATION	21

1 TEST RESULT CERTIFICATION

Product: 8 Port 1U Network Appliance

Model: xxxxFWS-7600xx-xxx-xxxxxxx (x=0-9,A-Z, "-" or blank)

Brand: AAEON

Applicant: AAEON Technology Inc.

5F, No.135, Lane 235, Pao Chiao Rd., Hsin-Tien City,

Taipei, Taiwan, R.O.C.

Manufacturer: AAEON Technology Inc.

5F, No.135, Lane 235, Pao Chiao Rd., Hsin-Tien City,

Taipei, Taiwan, R.O.C.

Tested: March 28, 2008 ~ March 26, 2010

EMISSION					
Standard	Item	Result	Remarks		
FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 4	Conducted (Power Port)	PASS	Meet Class A limit		
ANSI C63.4-2003	Radiated	PASS	Meet Class A limit		

Note: 1. The statements of test result on the above are decided by the request of test standard only; the measurement uncertainties are not factored into this compliance determination.

2. The information of measurement uncertainty is available upon the customer's request.

Deviation from Applicable Standard	
None	

The above equipment has been tested by Compliance Certification Services Inc., and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved by:

Vince Chiang Assistant Manager Reviewed by:

Vesta Hsu

Supervisor of report document dept.

Reference No.: T100113202-F Report No.: T100325203-F

2 EUT DESCRIPTION

Product	8 Port 1U Network Appliance
Brand Name	AAEON
Model	xxxxFWS-7600xx-xxx-xxxxxxx (x=0-9,A-Z, "-" or blank)
Applicant	AAEON Technology Inc.
Housing material	Metal case
Identify Number	T100113202
Received Date	January 13, 2010
EUT Power Rating	3.3VDC/5VDC from Host PC
AC Power During Test	120VAC / 60Hz to Host PC Power Supply
OSC/Clock Frequencies	14.31818MHz; 25MHz; 32.768kHz
Power Supply Manufacturer	1. Zippy 2. FSP
Power Supply Model	1. P1A-6301P 2. FSP300-701UJ

Reference No.: T100113202-F Report No.: T100325203-F

Model Differences

Model Name	Difference			Tested (Checked)	
	Job No: 80328208		EUT 1 and EUT 2 are the same, except for the VGA Port and Power Supply		
FWS-7600	Job No: T100113202		different.		
	Joh No. T400005000	EUT 3	EUT 2 and EUT 3 are the same, except	\bowtie	
	Job No: T100325203 EUT		for the LAN module.		

I/O PORT

I/O PORT TYPES	Q'TY	TESTED WITH
1) SIO Port	1	1
2) VGA Port	1	1
3) USB Port	2	2
4) LAN Port	8	8
5) Optical Fiber Port	2	2

Note: Client consigns only one model sample to test (Model Number: FWS-7600).

3 TEST METHODOLOGY

3.1. DECISION OF FINAL TEST MODE

The EUT was tested together with the above additional components, and a configuration, which produced the worst emission levels, was selected and recorded in this report.

Reference No.: T100113202-F Report No.: T100325203-F

The test configuration/ modes are as the following:

Conduction Mode:

1	Job No: 80328208	Normal Mode (POWER: Zippy / P1A-6301P)
2	Job No: T100113202	Normal Mode (POWER: FSP / FSP300-701UJ)
3	Job No: T100325203	Normal Mode (POWER: FSP / FSP300-701UJ)

Radiation Modes:

1	Job No: 80328208	Normal Mode (POWER: Zippy / P1A-6301P)
2	Job No: T100113202	Normal Mode (POWER: FSP / FSP300-701UJ)
_		Normal Mode / 1-12GHz (POWER: FSP / FSP300-701UJ)
3	Job No: T100325203	Normal Mode (POWER: FSP / FSP300-701UJ)

Conduction: Mode 2 Radiation: Mode 2

3.2. EUT SYSTEM OPERATION

- 1. Windows XP boots system.
- 2. Run Emctest.exe to activate all peripherals and display "H" pattern on monitor screen.
- 3. Press the start menu, select executive and type ping 192.168.1.1~8 –t (EUT), ping 192.168.1.9~16 –t (Server Notebook).

Note: Test program is self-repeating throughout the test.

SETUP OF EQUIPMENT UNDER TEST

4.1. DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Report No.: T100325203-F

EUT Devices:

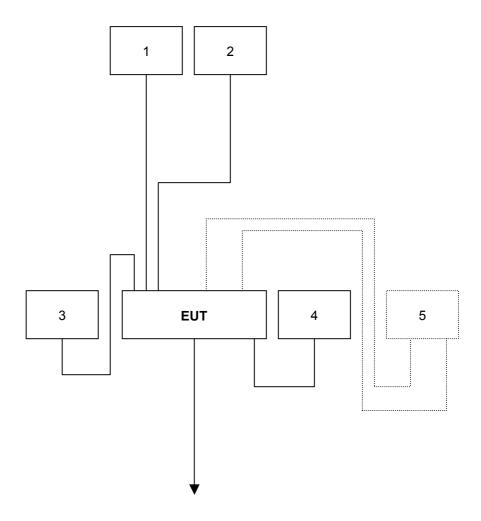
No.	Equipment	Model No.	Trade Name	
1	CPU	Xeon X3220 2.4GHz	Intel	
2	Internal Motherboard	xxxxFWB-7600xx-xxx-xxxxxxx (x=0-9,A-Z, "-" or blank)	AAEON	
3	Hard Disk	WD800JD-00LSA0, 80GB	Western Digital	
4	Memory	1GB DDR2-667MHZ /ELPIDA E5108AGBG-6E-E	Transcend	
5	AC-DC Power Supply	P1A-6301P	Zippy	
	The Berrower capping	FSP300-701UJ	FSP	
6.	LAN Module	PER-C35L	AAEON	
Note	Note: Client consigns only one model sample to test (Internal Motherboard Model Number: FWB-7600).			

Peripherals Devices:

No.	Equipment	Model No.	Serial No.	FCC ID / BSMI ID	Trade Name	Data Cable	Power Cord
1	USB Mouse	MOC5UO	H1606PRO	DoC BSMI: R41108	Dell	Shielded, 1.8m	N/A
2	USB Keyboard	SK-8115	N/A	DoC BSMI: T3A002	Dell	Shielded, 1.8m with a core	N/A
3	Modem	5JEG4033MKO	N/A	5RJTAI-35500-M5-E	TOP- SOLUTION	Shielded, 1.8m	Unshielded, 1.8m
4	Monitor	710V	GS17H9NXA05857N	DOC BSMI: R33475		Shielded, 1.8m with two cores	Unshielded, 1.8m
5	8 Port 1U Network Appliance	FWS-7600	N/A	N/A	AAEON	LAN Cable: Unshielded, 3.0 X8 Optical Fiber Cable: Unshielded, 3.0 X2	N/A

- 1) All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2) Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

4.2. CONFIGURATION OF SYSTEM UNDER TEST



5 FACILITIES AND ACCREDITATIONS

5.1. FACILITIES

All measurement facilities (exclude facilities of measurement radiated frequency above 1GHz) used to collect the measurement data are located at CCS Taiwan Sindian BU. at No.163-1, Jhongsheng Rd., Sindian City, Taipei County 23151, Taiwan.

The measurement facilities of radiated frequency rang above 1GHz are located at CCS Taiwan Linkou BU. at No.81-1, Lane 210, Bade 2nd Rd., Lujhu Township, Taoyuan County 33841, Taiwan Taoyuan Hsien, Taiwan.

Reference No.: T100113202-F Report No.: T100325203-F

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22. All receiving equipment conforms to CISPR 16-1-1, CISPR 16-1-2, CISPR 16-1-3, CISPR 16-1-4 and CISPR 16-1-5.

5.2. ACCREDITATIONS

Our laboratories are accredited and approved by the following accreditation body according to ISO/IEC 17025.

Taiwan	TAF
USA	A2LA

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

Industry Canada
Nemko
VCCI
BSMI
FCC

Copies of granted accreditation certificates are available for downloading from our web site, http:///www.ccsrf.com

5.3. MEASUREMENT UNCERTAINTY

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

Measurement	Frequency	Uncertainty
Conducted emissions	0.15MHz ~ 30MHz	± 1.7376
Radiated emissions	30MHz ~ 200MHz	± 3.8792
Naulateu emissions	200MHz ~ 1000MHz	± 3.8914

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Consistent with industry standard (e.g. CISPR 22: 2005, clause 11, Measurement Uncertainty) determining compliance with the limits shall be base on the results of the compliance measurement. Consequently the measure emissions being less than the maximum allowed emission result in this be a compliant test or passing test.

The acceptable measurement uncertainty value without requiring revision of the compliance statement is base on conducted and radiated emissions being less than U_{CISPR} which is 3.6dB and 5.2dB respectively. CCS values (called U_{Lab} in CISPR 16-4-2) is less than U_{CISPR} as shown in the table above. Therefore, MU need not be considered for compliance.

6 CONDUCTED EMISSION MEASUREMENT

6.1. LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A	(dBuV)	Class B	(dBuV)
TREQUERCT (IMITE)	Quasi-peak	Quasi-peak Average		Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

Reference No.: T100113202-F Report No.: T100325203-F

Note:

- 1. The lower limit shall apply at the transition frequencies.
- 2. The limit decreases in line with the logarithm of the frequency in the range 0.15 to 0.50 MHz.
- 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

6.2. TEST INSTRUMENTS

Conducted Emission room # A							
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due			
TEST RECEIVER	R&S	ESHS20	840455/006	02/12/2010			
LISN (EUT)	SCHWARZBECK	NSLK 8127	8127527	12/16/2010			
LISN	SCHWARZBECK	NSLK 8127	8127526	12/16/2010			
BNC CABLE	MIYAZAKI	5D-FB	BNC A4	05/11/2010			
THERMO- HYGRO METER	TECPEL	DTM-303	080269	05/03/2010			
Test S/W	EZ-EMC						

- The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
- 2. N.C.R = No Calibration Request.

6.3. TEST PROCEDURES (please refer to measurement standard or CCS SOP PA-031)

Procedure of Preliminary Test

The EUT and support equipment, if needed, were set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor standing equipment, it is placed on the ground plane, which has a 12 mm non-conductive covering to insulate the EUT from the ground plane.

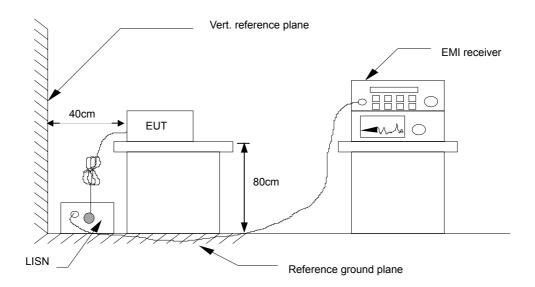
Report No.: T100325203-F

- All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
- The test equipment EUT installed by AC 120VAC/60Hz main power, through a Line Impedance Stabilization Network (LISN), which was supplied power source and was grounded to the ground plane.
- All support equipment power by from a second LISN.
- The test program of the EUT was started. Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.
- The Receiver scanned from 150kHz to 30MHz for emissions in each of the test modes.
- During the above scans, the emissions were maximized by cable manipulation.
- The test mode(s) described in Item 3.1 were scanned during the preliminary test.
- After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.
- The worst configuration of EUT and cable of the above highest emission level were recorded for reference of the final test.

Procedure of Final Test

- EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.
- A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.
- The test data of the worst-case condition(s) was recorded.

6.4. TEST SETUP



Reference No.: T100113202-F Report No.: T100325203-F

 For the actual test configuration, please refer to the related item - Photographs of the Test Configuration.

6.5. DATA SAMPLE

Freq.	Reading	Factor	Result	Limit	Margin	Detector	Line
(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	(P/Q/A)	(L1/L2)
x.xx	42.95	0.55	43.50	73	-29.50	Q	L1

Freq. = Emission frequency in MHz

Reading = Uncorrected Analyzer/Receiver reading Factor = Insertion loss of LISN + Cable Loss

Result = Read Level + Factor Limit = Limit stated in standard Margin = Reading in reference to limit

P = Peak Reading

Q = Quasi-peak Reading A = Average Reading

L1 = Hot side L2 = Neutral side

Calculation Formula

Margin (dB) = Result (dBuV) – Limit (dBuV)

6.6. TEST RESULTS

Model No.	FWS-7600	6dB Bandwidth	10 kHz
Environmental Conditions	17deg.C, 60% RH, 1010hPa	Test Mode	Mode 2
Tested by	DAVID CHENG		

Reference No.: T100113202-F Report No.: T100325203-F

(The chart below shows the highest readings taken from the final data.)

	Six Highest Conducted Emission Readings						
Frequency Range Investigated				150 kHz to	30 MHz		
Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector (P/Q/A)	Line (L1/L2)
4.2609	42.22	0.22	42.44	73.00	-30.56	Р	L1
10.4847	40.93	0.44	41.37	73.00	-31.63	Р	L1
13.4224	40.46	0.55	41.01	73.00	-31.99	Р	L1
4.2272	42.16	0.21	42.37	73.00	-30.63	Р	L2
10.2370	45.42	0.44	45.86	73.00	-27.14	Р	L2
13.4224	42.19	0.55	42.74	73.00	-30.26	Р	L2

- 1. L1 = Line One (Live Line) / L2 = Line Two (Neutral Line).
- 2. The emission level was or more than 2dB below the Average limit, so no re-check anymore.

7 RADIATED EMISSION MEASUREMENT

7.1. LIMITS OF RADIATED EMISSION MEASUREMENT

Below 1GHz

FREQUENCY (MHz)	dBuV/m	(At 10m)
TREGOENCT (WITZ)	Class A	Class B
30 ~ 230	40	30
230 ~ 1000	47	37

Reference No.: T100113202-F Report No.: T100325203-F

Note:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level (dBuV/m) = 20 log Emission level (dBuV/m).

Above 1GHz

Frequency	Class A (dBu	V/m) (At 10m)	Class B (dB	uV/m) (At 3m)
(MHZ)	Average Peak		Average	Peak
Above 1000	60	80	54	74

Note:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level (dBuV/m) = 20 log Emission level (dBuV/m).

According to FCC Part 15.33 (b), for an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device	Upper frequency of measurement range
or on which the device operates or tunes (MHz)	(MHz)
Below 1.75	30
1.75-108	1000
108-500	2000
500-1000	5000
Above 1000	5 th harmonic of the highest frequency or
Above 1000	40GHz, whichever is lower

7.2. TEST INSTRUMENTS

	Open	Area Test Site #	ı	
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
MEASURE RECEIVER	SCHAFFNER	SCR3501	338	07/07/2010
SPECTRUM ANALYZER	ADVANTEST	R3132	120900008	No Calibration Required
ANTENNA	SCHAFFNER	CBL 6112B	2809	09/06/2010
AMPLIFIER	SCHAFFNER	CPA9231A	3626	10/11/2010
CABLE	BELDEN	9913	N-TYPE #I2	02/22/2010
THERMO- HYGRO METER	TECPEL	DTM-303	090639	05/24/2010
Test S/W		Lab VIE	EW 7.1	
	Abo	ve 1GHz Used		
Spectrum Analyzer	Agilent	E4407B	MY44212679	12/13/2010
Bilog Antenna	SCHWAZBECK	VULB9160	3084	09/11/2010
EMI Test Receiver	SCHAFFNER	SCR 3501	436	01/21/2010
Pre-Amplifier	HP	8447D	2944A06530	12/31/2010
Turn Table	ccs	CC-T-1F	N/A	N.C.R
Antenna Tower	ccs	CC-A-1F	N/A	N.C.R
Controller	ccs	CC-C-1F	N/A	N.C.R
Site NSA	SIDT EUROPE	9x6x6	N/A	05/15/2010
Test S/W		CCS-3	A1RE	

Reference No.: T100113202-F Report No.: T100325203-F

- 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
- 2. N.C.R = No Calibration Request.

7.3. TEST PROCEDURES (please refer to measurement standard or CCS SOP PA-031)

Procedure of Preliminary Test

The equipment was set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.8 meters is used which is placed on the ground plane. When the EUT is a floor standing equipment, it is placed on the ground plane which has a 12 mm non-conductive covering to insulate the EUT from the ground plane.

Report No.: T100325203-F

- Support equipment, if needed, was placed as per ANSI C63.4.
- All I/O cables were positioned to simulate typical usage as per ANSI C63.4.
- The EUT received AC 120VAC/60Hz power source from the outlet socket under the turntable. All support equipment power received from another socket under the turntable.
- The antenna was placed at 3 or 10 meter away from the EUT as stated in ANSI C63.4. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.
- The Analyzer / Receiver quickly scanned from 30MHz to 40GHz. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- The test mode(s) described in Item 3.1 were scanned during the preliminary test:
- After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.
- The worst configuration of EUT and cable of the above highest emission level were recorded for reference of the final test.

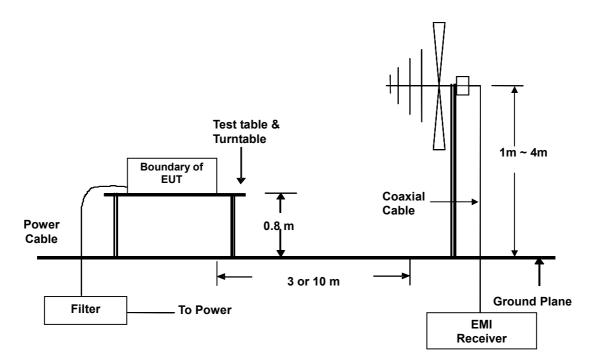
Procedure of Final Test

• EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test.

Reference No.: T100113202-F Report No.: T100325203-F

- The Analyzer / Receiver scanned from 30MHz to 40GHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- Recording at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. Below 1GHz the Q.P. reading and above 1GHz the Peak and Average reading are presented.
- The test data of the worst-case condition(s) was recorded.

7.4. TEST SETUP



 For the actual test configuration, please refer to the related item - Photographs of the Test Configuration.

7.5. DATA SAMPLE

Below 1GHz

Freq.	Reading (dBuV/m)	Factor	Result	Limit	Margin	Detector	Pol.
(MHz)		(dB)	(dBuV/m)	(dBuV/m)	(dB)	(P/Q)	(H/V)
x.xx	14.0	12.2	26.2	40	-13.8	Q	Н

Reference No.: T100113202-F Report No.: T100325203-F

Above 1GHz

Freq.	Reading	Factor	Result	Limit	Margin	Detector	Pol.
(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	(P/A)	(H/V)
X.XX	42.95	0.55	43.50	60	-16.50	Α	

Freq. = Emission frequency in MHz

Reading = Uncorrected Analyzer/Receiver reading Factor = Antenna Factor + Cable Loss - Amplifier Gain

Result = Reading + Factor
Limit = Limit stated in standard
Margin = Reading in reference to limit

P = Peak Reading
Q = Quasi-peak Reading
A = Average Reading

H = Antenna Polarization: Horizontal V = Antenna Polarization: Vertical

Calculation Formula

Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)

Reference No.: T100113202-F Report No.: T100325203-F

7.6. TEST RESULTS

Below 1GHz

Model No.	FWS-7600	Test Mode	Mode 2
Environmental Conditions	15deg.C, 80% RH, 1010hPa	6dB Bandwidth	120 kHz
Antenna Pole	Vertical / Horizontal	Antenna Distance	10m
Detector Function	Quasi-peak.	Tested by	DAVID CHENG

(The chart below shows the highest readings taken from the final data.)

Six Highest Radiated Emission Readings								
Frequency Range Investigated				30 MHz to 1000 MHz at 10m			n	
Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector (P/Q)	Pol. (H/V)	
37.190	46.30	-14.36	31.94	40.00	-8.06	Q	٧	
46.680	44.50	-17.28	27.22	40.00	-12.78	Q	٧	
64.730	51.30	-21.78	29.52	40.00	-10.48	Q	٧	
250.010	45.30	-14.52	30.78	47.00	-16.22	Q	٧	
427.250	40.10	-9.82	30.28	47.00	-16.72	Q	٧	
500.040	38.90	-7.97	30.93	47.00	-16.07	Q	V	

(The chart below shows the highest readings taken from the final data.)

					•			
Six Highest Radiated Emission Readings								
Frequency Range Investigated				30 MHz to 1000 MHz at 10m				
Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector (P/Q)	Pol. (H/V)	
57.320	38.90	-20.80	18.10	40.00	-21.90	Q	Н	
250.030	42.60	-14.52	28.08	47.00	-18.92	Q	Н	
312.240	38.60	-13.19	25.41	47.00	-21.59	Q	Н	
500.020	38.30	-7.97	30.33	47.00	-16.67	Q	Н	
750.010	35.60	-4.62	30.98	47.00	-16.02	Q	Н	
1000.000	31.50	-1.62	29.88	47.00	-17.12	Q	Н	

- 1. 30MHz to 1000MHz test is Applicable CISPR 22 / EN 55022 standard.
- 2. The other emission levels were very low against the limit.
- 3. P= Peak Reading; Q= Quasi-peak Reading.

Above 1000MHz

Model No.	FWS-7600	Test Mode	Mode 2
Environmental Conditions	21deg.C, 68% RH, 1010hPa	6dB Bandwidth	1 MHz
Antenna Pole	Vertical / Horizontal	Antenna Distance	3m
Highest frequency generated or used	2400MHz	Upper frequency	12000MHz
Detector Function	Peak or average.	Tested by	Webber Chung

Reference No.: T100113202-F Report No.: T100325203-F

(The chart below shows the highest readings taken from the final data.)

Radiated Emission Readings								
Frequ	Frequency Range Investigated				Above 1GHz at 3m			
Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector (P/A)	Pol. (H/V)	
1187.500	59.30	-8.54	50.76	80.00	-29.24	Р	V	
1400.000	58.20	-7.32	50.88	80.00	-29.12	Р	٧	
1500.000	61.16	-6.75	54.41	80.00	-25.59	Р	٧	
1600.000	57.51	-6.13	51.38	80.00	-28.62	Р	٧	
1812.500	56.60	-4.82	51.78	80.00	-28.22	Р	٧	
2212.500	55.41	-2.92	52.49	80.00	-27.51	Р	٧	
2500.000	55.65	-1.92	53.73	80.00	-26.27	Р	٧	
5000.000	49.22	6.68	55.90	80.00	-24.10	Р	٧	

(The chart below shows the highest readings taken from the final data.)

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Radiated Emission Readings								
Frequency Range Investigated				Above 1GHz at 3m				
Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector (P/Q)	Pol. (H/V)	
1400.000	54.27	-7.32	46.95	80.00	-33.05	Р	Н	
1500.000	56.14	-6.75	49.39	80.00	-30.61	Р	Н	
1750.000	57.20	-5.20	52.00	80.00	-28.00	Р	Н	
2162.500	54.26	-3.09	51.17	80.00	-28.83	Р	Η	
2500.000	55.47	-1.92	53.55	80.00	-26.45	Р	Н	
4212.500	49.26	5.29	54.55	80.00	-25.45	Р	Н	
5675.000	47.41	8.96	56.37	80.00	-23.63	Р	Н	

- 1. The other emission levels were very low against the limit.
- 2. P= Peak Reading; A= Average Reading.

8 PHOTOGRAPHS OF THE TEST CONFIGURATION CONDUCTED EMISSION TEST

Reference No.: T100113202-F Report No.: T100325203-F



