

## FCC TEST REPORT

### 47 CFR FCC Part 15 Subpart B

**Report Reference No.....:** MWR150600506

**FCC ID.....:** 2AFAP0AX1

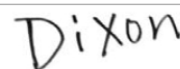
Compiled by  
( position+printed name+signature)..: File administrators Martin Ao



Supervised by  
( position+printed name+signature)..: Test Engineer Yuchao Wang



Approved by  
( position+printed name+signature)..: Manager Dixon Hao



Date of issue.....: July 07, 2015

**Representative Laboratory Name ..:** Maxwell International Co., Ltd.

Address .....: Room 509,Hongfacenter building, Baoan District, Shenzhen, Guangdong, China

**Testing Laboratory Name .....** Shenzhen CTL Testing Technology Co., Ltd.

Address .....: Floor 1-A, Baisha Technology Park, No. 3011, Shahexi Road, Nanshan, Shenzhen, China

**Applicant's name.....:** ALPHA EXPORT AND IMPORT CO.,LIMITED

Address .....: Room 4d, Huashang Block, NO.3, Biezhuan Road, Shenzhen , China

**Test specification .....**

Standard .....: **47 CFR FCC Part 15 Subpart B - Unintentional Radiators**

**ANSI C63.4: 2009**

TRF Originator.....: Maxwell International Co., Ltd.

**Maxwell International Co., Ltd. All rights reserved.**

This publication may be reproduced in whole or in part for non-commercial purposes as long as the Maxwell International Co., Ltd. as copyright owner and source of the material. Maxwell International Co., Ltd. takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

**Test item description .....** Mobile Phone

Trade Mark .....: ALPHARD

**Manufacturer.....:** ALPHA EXPORT AND IMPORT CO.,LIMITED

Model/Type reference.....: AX1

Listed Models .....: AX2, AX3, AX4, AX5, AX6, AX7, AX8, AX9, AX10

Rating .....: DC 3.70V

Model: E435

Adapter .....: INPUT:100-240V 50/60Hz 0.15A

OUTPUT: DC 5.0V,500mAh

Hardware version .....: S9\_V2.3

Software version .....: S9\_72KK\_KK\_3G\_EMMC\_32\_4\_XX\_ZXMD\_20150604-114737

Result.....: **PASS**

**TEST REPORT**

<b>Test Report No. :</b> MWR150600506	Jun 17, 2015
	Date of issue

Equipment under Test : Mobile Phone

Model /Type : AX1

Listed Models : AX2, AX3, AX4, AX5, AX6, AX7, AX8, AX9, AX10

**Applicant** : **ALPHA EXPORT AND IMPORT CO.,LIMITED**

Address : Room 4d, Huashang Block, NO.3, Biezhnan Road,  
Shenzhen , China

**Manufacturer** : **ALPHA EXPORT AND IMPORT CO.,LIMITED**

Address : Room 4d, Huashang Block, NO.3, Biezhnan Road,  
Shenzhen , China

<b>Test Result:</b>	<b>PASS</b>
---------------------	-------------

The test report merely corresponds to the test sample.  
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

## Contents

<b><u>1.</u></b>	<b><u>TEST STANDARDS .....</u></b>	<b><u>4</u></b>
<b><u>2.</u></b>	<b><u>SUMMARY .....</u></b>	<b><u>5</u></b>
2.1.	General Remarks	5
2.2.	Product Description	5
2.3.	Equipment under Test	6
2.4.	Short description of the Equipment under Test (EUT)	6
2.5.	EUT operation mode	6
2.6.	Related Submittal(s) / Grant (s)	6
2.7.	Internal Identification of AE used during the test	6
2.8.	Modifications	6
2.9.	EUT configuration	7
2.10.	Configuration of Tested System	7
2.11.	Related Submittal(s) / Grant (s)	7
2.12.	Note	7
<b><u>3.</u></b>	<b><u>TEST ENVIRONMENT .....</u></b>	<b><u>8</u></b>
3.1.	Address of the test laboratory	8
3.2.	Test Facility	8
3.3.	Environmental conditions	8
3.4.	Statement of the measurement uncertainty	8
3.5.	Equipments Used during the Test	9
<b><u>4.</u></b>	<b><u>TEST CONDITIONS AND RESULTS .....</u></b>	<b><u>10</u></b>
4.1.	Conducted Emissions Test	10
4.2.	Radiated Emission Test	13
<b><u>5.</u></b>	<b><u>TEST SETUP PHOTOS OF THE EUT .....</u></b>	<b><u>17</u></b>
<b><u>6.</u></b>	<b><u>EXTERNAL PHOTOS OF THE EUT .....</u></b>	<b><u>17</u></b>
<b><u>7.</u></b>	<b><u>INTERNAL PHOTOS OF THE EUT .....</u></b>	<b><u>17</u></b>

## **1. TEST STANDARDS**

The tests were performed according to following standards:

[47 CFR FCC Part 15 Subpart B](#) - Unintentional Radiators

[ANSI C63.4: 2009](#) – American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40GHz

## 2. SUMMARY

### 2.1. General Remarks

Date of receipt of test sample	:	Jun 18, 2015
Testing commenced on	:	Jun 20, 2015
Testing concluded on	:	July 07, 2015

### 2.2. Product Description

The **ALPHA EXPORT AND IMPORT CO., LIMITED's** Model: AX1 or the "EUT" as referred to in this report; more general information as follows, for more details, refer to the user's manual of the EUT.

Name of EUT	Mobile Phone
Model Number	AX1
Serial Number	AX8745B485
Modulation Type	GMSK for GSM/GPRS, 8-PSK for EDGE QPSK for UMTS
Antenna Type	Internal
UMTS Operation Frequency Band	Device supported UMTS Band I/UMTS Band V
WLAN FCC Operation frequency	IEEE 802.11b:2412-2462MHz IEEE 802.11g:2412-2462MHz IEEE 802.11n HT20:2412-2462MHz IEEE 802.11n HT40:2422-2452MHz
BT FCC Operation frequency	2402MHz-2480MHz
HSDPA Release Version:	Release 7, CAT14
HSUPA Release Version:	Release 6, CAT6
DC-HSUPA Release Version	Not Supported
WCDMA Release Version	R99
WLAN FCC Modulation Type	IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK)
BT Modulation Type	GFSK (BT 4.0)/GFSK,8DPSK, $\pi/4$ DQPSK(BT 3.0+EDR)
Hardware version	S9_V2.3
Software version	S9_72KK_KK_3G_EMMC_32_4_XX_ZXMD_20150604-114737
GPS function	Supported
WLAN	Supported 802.11b/802.11g/802.11n
Bluetooth	Supported BT 4.0/BT 3.0+EDR
GSM/EDGE/GPRS	Supported GSM/GPRS/EDGE
GSM/EDGE/GPRS Power Class	GSM850:Power Class 4/PCS1900:Power Class 1
GSM/EDGE/GPRS Operation Frequency	GSM850 :824.2MHz-848.8MHz PCS1900:1850.2MHz-1909.8MHz
GSM/EDGE/GPRS Operation Frequency Band	GSM850/PCS1900/GPRS850/ GPRS1900/EDGE850/EDGE1900
GSM Release Version	R99
GPRS/EDGE Multislot Class	GPRS/EDGE: Multi-slot Class 12
Extreme temp. Tolerance	-30°C to +50°C
Extreme vol. Limits	3.00VDC to 4.35VDC (nominal: 3.70VDC)
GPRS operation mode	Class B

## 2.3. Equipment under Test

### Power supply system utilised

Power supply voltage	:	<input type="radio"/>	120V / 60 Hz	<input type="radio"/>	115V / 60Hz
		<input type="radio"/>	12 V DC	<input type="radio"/>	24 V DC
		<input checked="" type="radio"/>	Other (specified in blank below)		

DC 3.70V

## 2.4. Short description of the Equipment under Test (EUT)

### 2.4.1. General Description

AX1 is subscriber equipment in the UMTS/GSM system. Support HSPA/UMTS frequency band I and band V, only UMTS band V used in USA; The GSM/GPRS/EDGE frequency band includes GSM850 and GSM900 and DCS1800 and PCS1900. The Mobile Phone implements such functions as RF signal receiving/transmitting, HSPA/UMTS and GSM/GPRS/EDGE protocol processing, voice, video MMS service, GPS and WIFI etc. Externally it provides micro SD card interface, earphone port (to provide voice service) and SIM card interface. It also provides Bluetooth module to synchronize data between a PC and the phone, or to use the built-in modem of the phone to access the Internet with a PC, or to exchange data with other Bluetooth devices.

NOTE: Unless otherwise noted in the report, the functional boards installed in the units shall be selected from the below list, but not means all the functional boards listed below shall be installed in one unit.

### 2.4.1 Test Environments

NOTE: The values used in the test report maybe stringent than the declared.

Environment Parameter	Selected Values During Tests		
NTNV	Temperature	Voltage	Relative Humidity
	Ambient	3.70VDC	Ambient

## 2.5. EUT operation mode

The EUT has been tested under typical operating condition.

## 2.6. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for **FCC ID: 2AFAP0AX1** filing to comply with FCC Part 22 and Part 24 Rules

## 2.7. Internal Identification of AE used during the test

AE ID*	Description
AE1	Adapter

AE1

Model: ETA-U90JWE

INPUT:100-240V 50/60Hz 0.35A

OUTPUT: DC 5.0V,2 A

\*AE ID: is used to identify the test sample in the lab internally.

## 2.8. Modifications

No modifications were implemented to meet testing criteria.

## 2.9. EUT configuration

The following peripheral devices and interface cables were connected during the measurement:

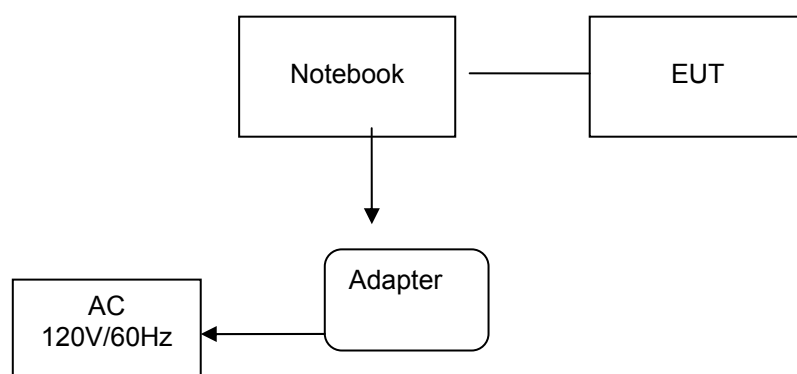
● - supplied by the manufacturer

○ - supplied by the lab

○	Power Cable	Length (m) :	/
		Shield :	/
		Detachable :	/
○	Multimeter	Manufacturer :	/
		Model No. :	/

## 2.10. Configuration of Tested System

Configuration of Tested System



Equipment Used in Tested System

No.	Equipment	Manufacturer	Model No.	Serial No.	Length	shielded/unshielded	Notes
1	Notebook	DELL	INS14MD-1328S	1RNN42X	/	/	DOC
5	USB Cable (EUT to PC)	Genshuo	USB 2.0	N/A	0.60m	unshielded	N/A
7	Power line	/	/	N/A	1.00m	unshielded	N/A
8	Adapter	HIPRO	DELL-A0904A3	F1120709016S404	1.50m	unshielded	DOC

## 2.11. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for **FCC ID: 2AFAP0AX1** filing to comply with FCC Part 15B Rules

## 2.12. Note

- The EUT is a Mobile Phone with UMTS/GSM/GPRS/EDGE, WiFi and Bluetooth function, The functions of the EUT listed as below:

	Test Standards	Reference Report
GSM/GPRS/EDGE	FCC Part 22/FCC Part 24	MWR150600501
WCDMA	FCC Part 22	MWR150600502
Bluetooth	FCC Part 15 C 15.247	MWR150600503
BLE	FCC Part 15 C 15.247	MWR150600504
WiFi	FCC Part 15 C 15.247	MWR150600505
USB Port	FCC Part 15 B	MWR150600506
SAR	FCC Part 2 §2.1093	MWR150600507

### 3. TEST ENVIRONMENT

#### 3.1. Address of the test laboratory

**Shenzhen CTL Testing Technology Co., Ltd.**

Floor 1-A, Baisha Technology Park, No. 3011, Shahexi Road, Nanshan, Shenzhen, China

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 (2003) and CISPR Publication 22.

#### 3.2. Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

#### FCC-Registration No.: 970318

Shenzhen CTL Testing Technology Co., Ltd. has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 970318, Dec 19, 2013

#### 3.3. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature: 15-35 ° C

Humidity: 30-60 %

Atmospheric pressure: 950-1050mbar

#### 3.4. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 „Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements“ and is documented in the Shenzhen CTL Testing Technology Co., Ltd. National Digital Electronic Product Testing Center quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Shenzhen CTL Testing Technology Co., Ltd. National Digital Electronic Product Testing Center is reported:

Test	Range	Measurement Uncertainty	Notes
Radiated Emission	30~1000MHz	4.24 dB	(1)
Radiated Emission	1~18GHz	5.16 dB	(1)
Radiated Emission	18-40GHz	5.54 dB	(1)
Conducted Disturbance	0.15~30MHz	3.39 dB	(1)

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



### 3.5. Equipments Used during the Test

AC Power Conducted Emission					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	LISN	R&S	ENV216	3560.6550.12	2015/06/02
2	LISN	R&S	ESH2-Z5	860014/010	2015/06/02
3	EMI Test Receiver	R&S	ESCI	103710	2015/06/02
4	Transient Limiter	SCHWARZCECK	VTSD 9561F	9666	2015/06/02
5	EMI Test Software	Rohde&Schwarz	ES-K1 V1.71	N/A	N/A
6	Coaxial Cables	HUBER+SUHNER	SUCOFLEX 104PEA-3M	3m	2015/05/20

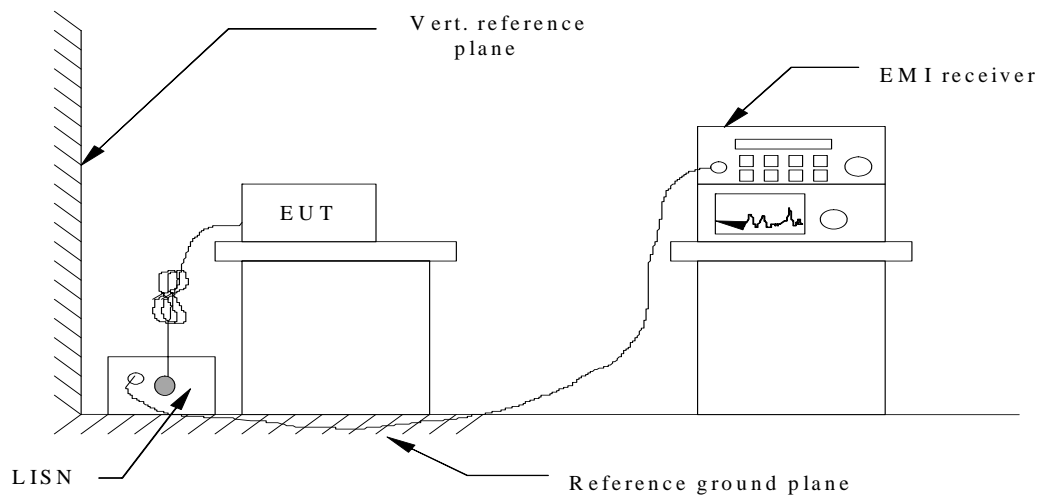
Radiated Emission					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Bilog Antenna	Sunol Sciences Corp.	JB1	A061713	2015/06/02
2	EMI TEST Receivcer	R&S	ESCI	103710	2015/06/02
3	EMI TEST Software	Audix	E3	N/A	N/A
4	EMI TEST Software	Rohde&Schwarz	ESK1	N/A	N/A
5	HORN ANTENNA	Sunol Sciences Corp.	DRH-118	A062013	2015/05/19
6	Horn Antenna	ShwarzBeck	BBHA9170	25841	2015/05/19
7	Amplifer	HP	8349B	3008A02306	2015/05/19
8	Preamplifier	HP	8447D	2944A10176	2015/05/19
11	Spectrum Analyzer	Agilent	E4407B	MY41440676	2015/05/21
12	Coaxial Cables	HUBER+SUHNER	SUCOFLEX 104PEA-10M	10m	2015/05/21
13	Coaxial Cables	HUBER+SUHNER	SUCOFLEX 104PEA-3M	3m	2015/05/21

The Cal. Interval was one year

## 4. TEST CONDITIONS AND RESULTS

### 4.1. Conducted Emissions Test

#### TEST CONFIGURATION



#### TEST PROCEDURE

1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. 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 C63.4-2014.
2. Support equipment, if needed, was placed as per ANSI C63.4-2014.
3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4-2014.
4. The EUT received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
5. All support equipments received AC power from a second LISN, if any.
6. The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
7. Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.
8. During the above scans, the emissions were maximized by cable manipulation.

#### CONDUCTED POWER LINE EMISSION LIMIT

For unintentional device, according to § 15.107(a) Line Conducted Emission Limits is as following :

Frequency (MHz)	Maximum RF Line Voltage (dBμV)			
	CLASS A		CLASS B	
	Q.P.	Ave.	Q.P.	Ave.
0.15 - 0.50	79	66	66-56*	56-46*
0.50 - 5.00	73	60	56	46
5.00 - 30.0	73	60	60	50

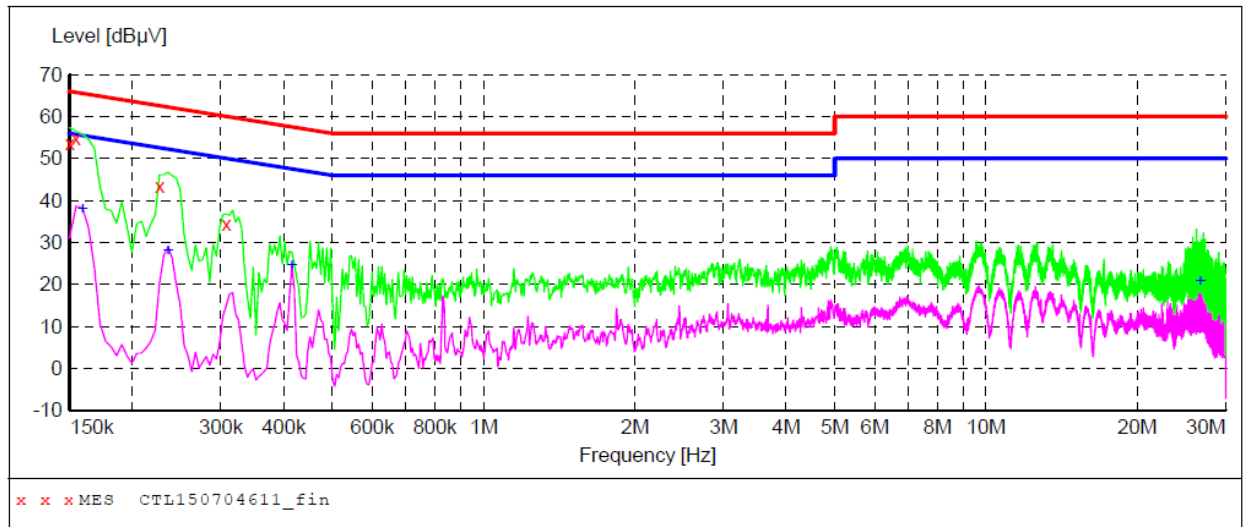
\* Decreasing linearly with the logarithm of the frequency

#### TEST RESULTS

*Note: Mode: Data transmission (connected PC)*

**SCAN TABLE: "Voltage (9K-30M)FIN"**

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT: "CTL150704611\_fin"**

7/4/2015 5:47PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.150001	53.50	10.2	66	12.5	QP	N	GND
0.154501	54.70	10.2	66	11.1	QP	N	GND
0.226501	43.40	10.2	63	19.2	QP	N	GND
0.307501	34.40	10.2	60	25.6	QP	N	GND

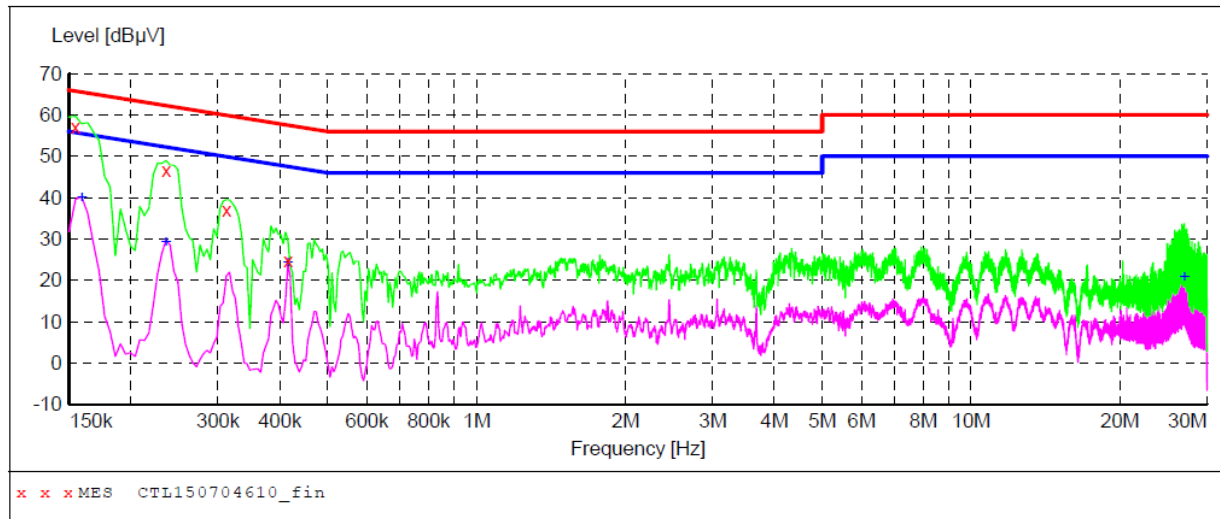
**MEASUREMENT RESULT: "CTL150704611\_fin2"**

7/4/2015 5:47PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.159001	37.80	10.2	56	17.7	AV	N	GND
0.235501	28.00	10.2	52	24.3	AV	N	GND
0.415501	24.40	10.2	48	23.1	AV	N	GND
26.713501	20.50	11.2	50	29.5	AV	N	GND

**SCAN TABLE: "Voltage (9K-30M) FIN"**

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT: "CTL150704610\_fin"**

7/4/2015 5:39PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.154501	57.00	10.2	66	8.8	QP	L1	GND
0.235501	46.50	10.2	62	15.8	QP	L1	GND
0.312001	36.90	10.2	60	23.0	QP	L1	GND
0.415501	24.80	10.2	58	32.7	QP	L1	GND

**MEASUREMENT RESULT: "CTL150704610\_fin2"**

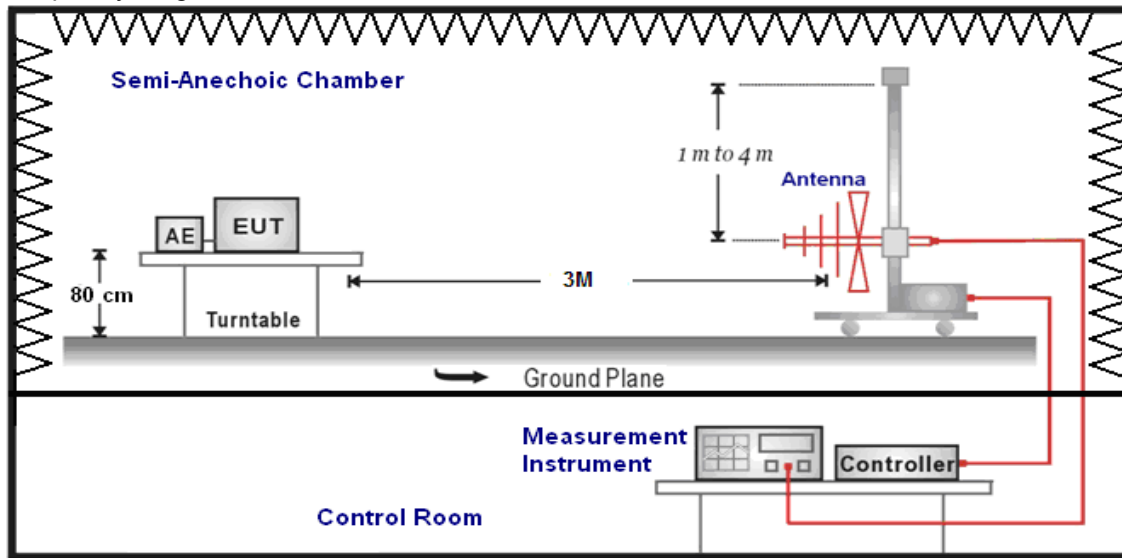
7/4/2015 5:39PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.159001	39.80	10.2	56	15.7	AV	L1	GND
0.235501	29.10	10.2	52	23.2	AV	L1	GND
0.415501	24.30	10.2	48	23.2	AV	L1	GND
27.015001	20.80	11.2	50	29.2	AV	L1	GND

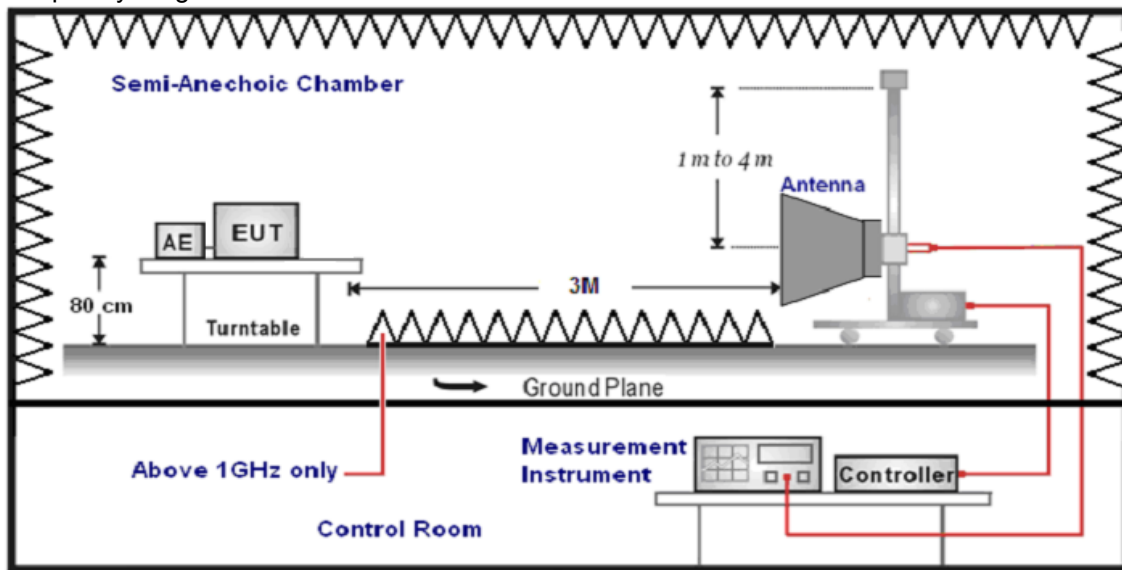
## 4.2. Radiated Emission Test

### TEST CONFIGURATION

Frequency range: 30MHz – 1000MHz



Frequency range above 1GHz-25GHz



### TEST PROCEDURE

1. The EUT is placed on a turntable, which is 0.8m above ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Repeat above procedures until the measurements for all frequencies are complete.
7. The maximum CPU frequency was 1200MHz, the radiated emission test frequency from 30 MHz to 18GHz.

### FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
RA = Reading Amplitude	AG = Amplifier Gain
AF = Antenna Factor	

For example

Frequency (MHz)	FS (dB $\mu$ V/m)	RA (dB $\mu$ V/m)	AF (dB)	CL (dB)	AG (dB)	Transd (dB)
300.00	40	58.1	12.2	1.6	31.90	-18.1

$$\text{Transd} = \text{AF} + \text{CL} - \text{AG}$$

### RADIATION LIMIT

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

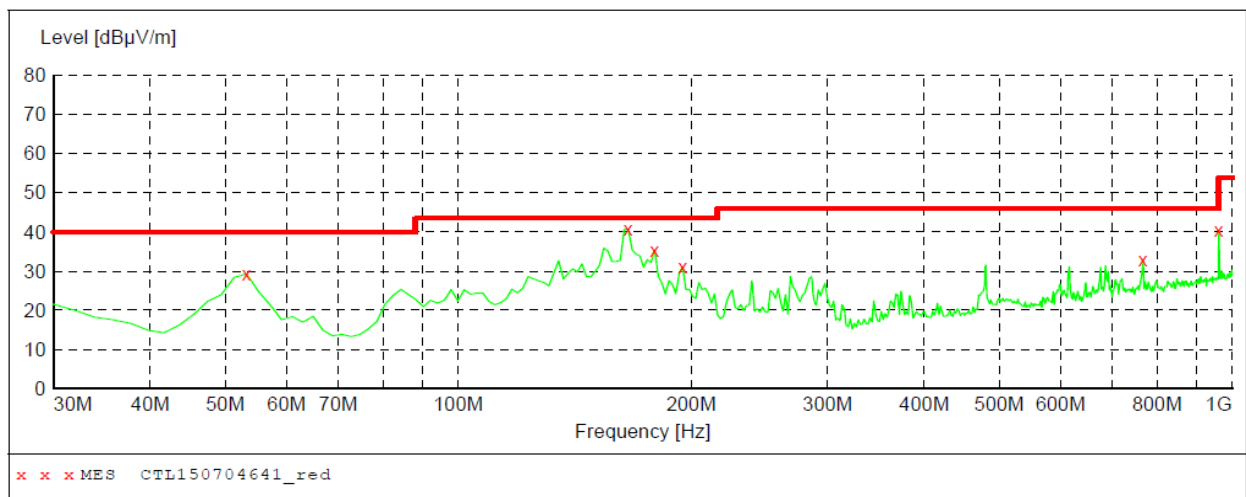
Frequency (MHz)	Distance (Meters)	Radiated (dB $\mu$ V/m)	Radiated ( $\mu$ V/m)
0.009-0.49	300	$20\log(2400/F(\text{KHz}))+80$	$2400/F(\text{KHz})$
0.49-1.705	30	$20\log(24000/F(\text{KHz}))+40$	$24000/F(\text{KHz})$
1.705-30	30	$20\log(30)+40$	30
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500

### TEST RESULTS

Note: Mode: Data transmission (connected PC)

For 30MHz-1GHz

Polarization Vertical



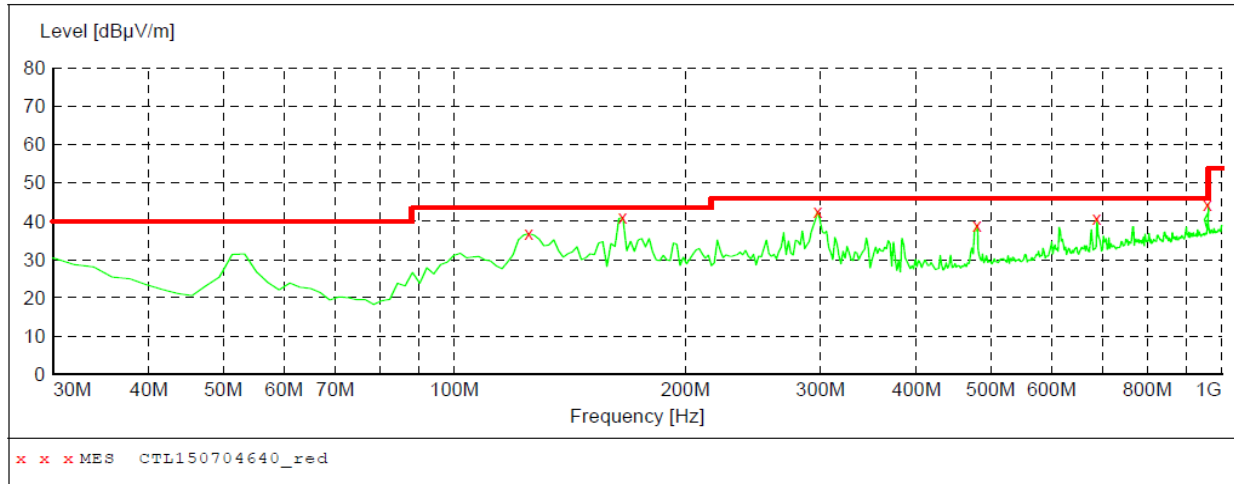
### **MEASUREMENT RESULT: "CTL150704641\_red"**

7/5/2015 4:46AM

Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
53.280000	28.20	8.3	40.0	11.8	---	0.0	0.00	VERTICAL
165.800000	41.70	13.8	43.5	1.8	---	0.0	0.00	VERTICAL
179.380000	36.20	13.3	43.5	7.3	---	0.0	0.00	VERTICAL
194.900000	32.00	13.5	43.5	11.5	---	0.0	0.00	VERTICAL
767.200000	33.90	24.5	46.0	12.1	---	0.0	0.00	VERTICAL
959.800000	39.90	26.8	46.0	6.1	---	0.0	0.00	VERTICAL

Polarization

Horizontal

**MEASUREMENT RESULT: "CTL150704640\_red"**

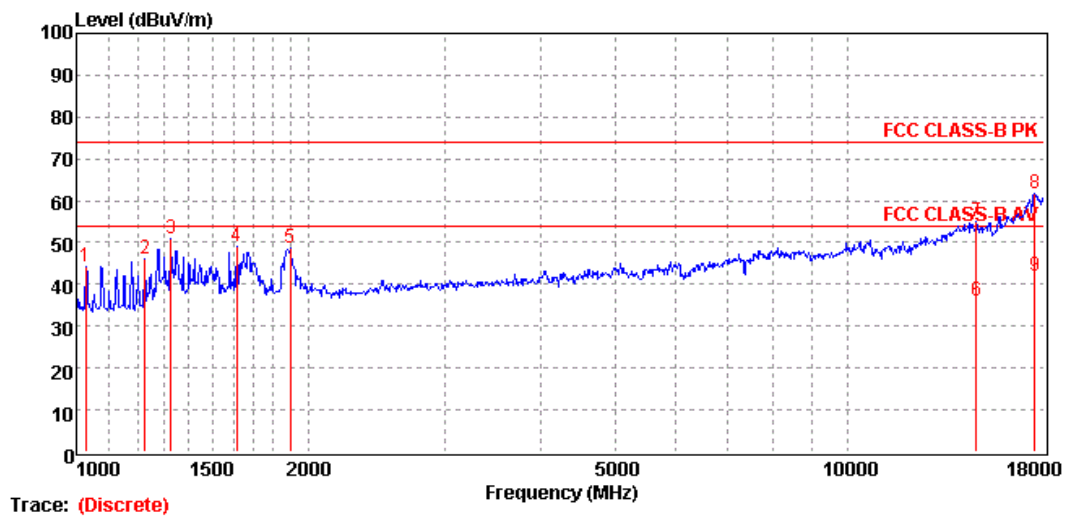
7/5/2015 4:45AM

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
125.060000	36.80	15.0	43.5	6.7	---	0.0	0.00	HORIZONTAL
165.800000	41.00	13.8	43.5	2.5	---	0.0	0.00	HORIZONTAL
297.720000	42.50	15.4	46.0	3.5	---	0.0	0.00	HORIZONTAL
480.080000	39.00	20.1	46.0	7.0	---	0.0	0.00	HORIZONTAL
687.660000	40.60	23.2	46.0	5.4	---	0.0	0.00	HORIZONTAL
959.800000	44.24	26.8	46.0	1.8	---	0.0	0.00	HORIZONTAL

**For 1GHz-18GHz**

Polarization

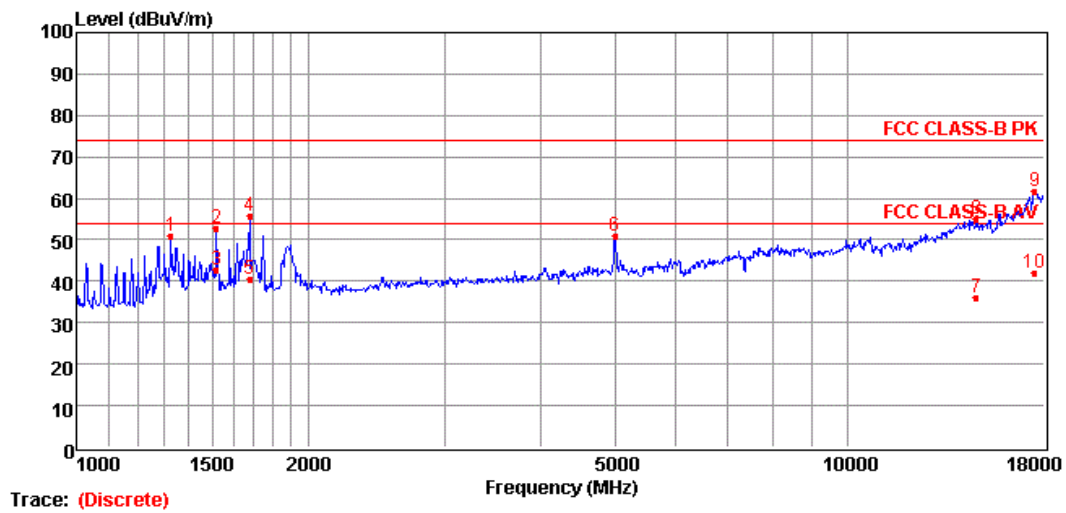
Vertical



Mark	Frequency MHz	Level dBuV/m	Factor dB/m	Reading dBuV	Limit dBuV/m	Margin dB	Polarization	Detector
1	1029.33	44.08	-15.67	59.75	74.00	29.92	VERTICAL	Peak
2	1227.79	46.08	-15.35	61.43	74.00	27.92	VERTICAL	Peak
3	1327.45	50.89	-14.94	65.83	74.00	23.11	VERTICAL	Peak
4	1615.75	48.99	-14.73	63.72	74.00	25.01	VERTICAL	Peak
5	1894.15	48.70	-14.07	62.77	74.00	25.30	VERTICAL	Peak
6	14702.91	36.08	13.62	22.46	54.00	17.92	VERTICAL	Average
7	14702.91	55.20	13.62	41.58	74.00	18.80	VERTICAL	Peak
9	17487.18	42.12	19.79	22.33	54.00	11.88	VERTICAL	Average

Polarization

Horizontal



Mark	Frequency MHz	Level dBuV/m	Factor dB/m	Reading dBuV	Limit dBuV/m	Margin dB	Polarization	Detector
1	1327.45	50.89	-14.94	65.83	74.00	23.11	HORIZONTAL	Peak
2	1520.60	52.80	-14.71	67.51	74.00	21.20	HORIZONTAL	Peak
3	1520.60	42.83	-14.71	57.54	54.00	11.17	HORIZONTAL	Average
4	1677.62	55.93	-14.67	70.60	74.00	18.07	HORIZONTAL	Peak
5	1677.62	40.68	-14.67	55.35	54.00	13.32	HORIZONTAL	Average
6	5002.50	50.82	-6.81	57.63	74.00	23.18	HORIZONTAL	Peak
7	14702.91	36.08	13.62	22.46	54.00	17.92	HORIZONTAL	Average
8	14702.91	55.20	13.62	41.58	74.00	18.80	HORIZONTAL	Peak
10	17487.18	42.12	19.79	22.33	54.00	11.88	HORIZONTAL	Average



## **5. Test Setup Photos of the EUT**

Please refer to separated files for Test Setup Photos of the EUT.

## **6. External Photos of the EUT**

Please refer to separated files for External Photos of the EUT.

## **7. Internal Photos of the EUT**

Please refer to separated files for Internal Photos of the EUT.

.....**End of Report**.....