



# **FCC TEST REPORT**

## **FCC ID: 2ABWOCMP770**

**Product :** 9 INCH TOUCH SCREEN DISPLAY WITH  
KEYBOARD AND CASE

**Trade Name :** ICRAIG; EVEREX

**Model Number :** CMP770 ,EX 770

**Report No. :** BZT-2014NT0517021F

### **Prepared for**

Everex Electronics Ltd

Unit 03,16F .,Block A,Kailey Industrial Centre,12 Fung Yip Street, Chai  
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### **Prepared by**

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**TEST RESULT CERTIFICATION**

**Applicant's name** ..... : Everex Electronics Ltd  
**Address** ..... : Unit 03,16F .,Block A,Kailey Industrial Centre,12 Fung Yip  
Street,Chai Wan ,HONGKONG

**Manufacturer's Name** ..... : Everex Electronics Ltd  
**Address** ..... : Unit 03,16F .,Block A,Kailey Industrial Centre,12 Fung Yip  
Street,Chai Wan ,HONGKONG

**Product description**

**Product name** ..... : 9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND  
CASE

**Model and/or type reference** : CMP770 ,EX 770  
FCC Part15B:2013

**Standards** ..... : ANSI C63.4:2003

This device described above has been tested by BZT, and the test results show that the equipment under test (EUT) is in compliance with Part 15 of FCC Rules. And it is applicable only to the tested sample identified in the report.

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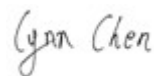
**Date of Test** .....

**Date (s) of performance of tests** ..... : 16 May. 2014 ~21 May. 2014

**Date of Issue**..... : 22 May. 2014

**Test Result**..... : **Pass**

**Testing Engineer** :



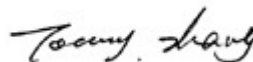
(Lynn Chen)

**Technical Manager** :



(Carlen Liu)

**Authorized Signatory** :



(Tommy zhang)

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**1. TEST SUMMARY**

Test procedures according to the technical standards:

<b>EMC Emission</b>				
Standard	Test Item	Limit	Judgment	Remark
FCC Part15B:2013 ANSI C63.4: 2003	Conducted Emission	Class B	PASS	
	Radiated Emission	Class B	PASS	

**NOTE:**

- (1) 'N/A' denotes test is not applicable in this Test Report
- (2) For client's request and manual description, the test will not be executed.

## 1.1 TEST FACILITY

BZT Testing Technology Co., Ltd

Add. : 1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District, Shenzhen P.R. China.

FCC Registration Number: 701733

## 1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $y \pm U$ , where expanded uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately **95** %.

### A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U , (dB)	NOTE
BZTC01	ANSI	150 KHz ~ 30MHz	3.2	

### B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	U , (dB)	NOTE
BZTA01	ANSI	30MHz ~ 1000MHz	4.7	
		1GHz ~6GHz	5.0	

## 2. GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	
Model Name	CMP770	
Serial No	EX 770	
Model Difference	All model's the function, software and electric circuit are the same , only with a product color and model named different. The test mode is CMP770.	
Product Description	The EUT is a 9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE .	
	Operating frequency:	N/A
	Connecting I/O port:	USB port
Based on the application, features, or specification exhibited in User's Manual, More details of EUT technical specification, please refer to the User's Manual.		
Power Source	DC Voltage	
Power Rating	DC 5V from adapter with AC 120V/60Hz or DC 3.7V from battery	
Adapter	Manufacturer: Genesis science technology Ltd Model:HB10-050200USPA Input: AC 100-240V, 50/60Hz, 0.4A Output: DC 5V 2A	

## 2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possibly have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

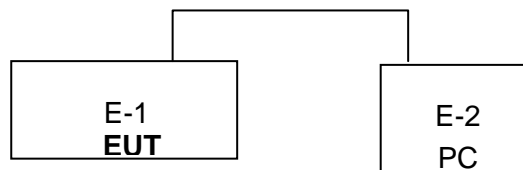
Pretest Mode	Description
Mode 1	Copy data
Mode 2	Charging

For Conducted Test	
Final Test Mode	Description
Mode 1	Copy data
Mode 2	Charging

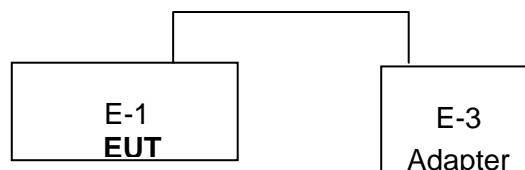
For Radiated Test	
Final Test Mode	Description
Mode 1	Copy data
Mode 2	Charging

## 2.3 DESCRIPTION OF TEST SETUP

For mode 1:



For mode 2:



## 2.4 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL

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.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	N/A	CMP770	N/A	EUT
E-2	Personal Computer	ACER	4552G	PTSF90C00305005CA C3000	
E-3	Adapter	Genesis	HB10-050200USPA	N/a	EUT

Note: Auxiliary device through the FCC DOC certification.

Item	Shielded Type	Ferrite Core	Length	Note
1	USB cable	NO	0.8m	EUT

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (3) “YES” means “shielded” “with core”; “NO” means “unshielded” “without core”.



## 2.5 MEASUREMENT INSTRUMENTS LIST

### 2.5.1 CONDUCTED TEST SITE

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	R&S	ENV216	101313	2014.07.05
2	LISN	EMCO	3816/2	00042990	2014.07.05
3	50Ω Switch	ANRITSU CORP	MP59B	6200983704	2014.07.05
4	Test Cable	N/A	C01	N/A	2014.07.05
5	Test Cable	N/A	C02	N/A	2014.07.05
6	Test Cable	N/A	C03	N/A	2014.07.05
7	EMI Test Receiver	R&S	ESCI	101160	2014.07.05
8	Passive Voltage Probe	ESH2-Z3	R&S	100196	2014.07.05
9	Triple-Loop Antenna	EVERFINE	LIA-2	11020003	2014.08.11
10	Absorbing Clamp	R&S	MDS-21	100423	2014.07.05

### 2.5.2 RADIATED TEST SITE

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Bilog Antenna	TESEQ	CBL6111D	31216	2014.08.11
2	Test Cable	N/A	R-01	N/A	2014.07.05
3	Test Cable	N/A	R-02	N/A	2014.07.05
4	EMI Test Receiver	R&S	ESCI-7	101318	2014.07.05
5	Antenna Mast	EM	SC100_1	N/A	N/A
6	Turn Table	EM	SC100	060531	N/A
7	50Ω Switch	Anritsu Corp	MP59B	6200983705	2014.07.05
8	Spectrum Analyzer	Aglient	E4407B	MY45108040	2014.07.05
9	Horn Antenna	EM	EM-AH-1018 0	2011071402	2014.08.11
10	Amplifier	EM	EM-30180	060538	2014.07.05

### 3. EMC EMISSION TEST

#### 3.1 CONDUCTED EMISSION MEASUREMENT

##### 3.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " \* " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

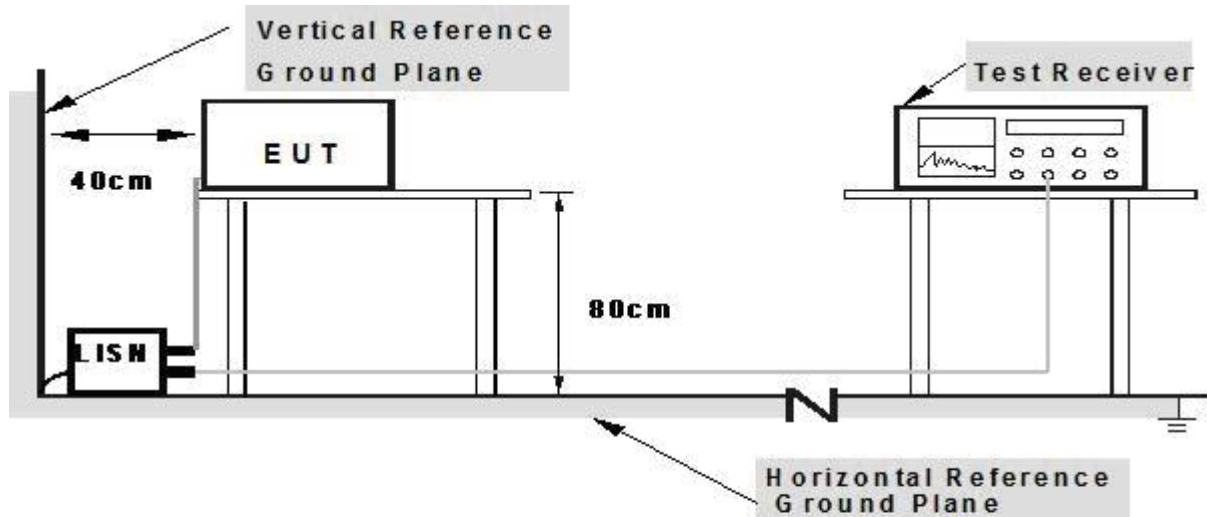
The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

### 3.1.2 TEST PROCEDURE

- The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

### 3.1.3 TEST SETUP



**Note: 1. Support units were connected to second LISN.**

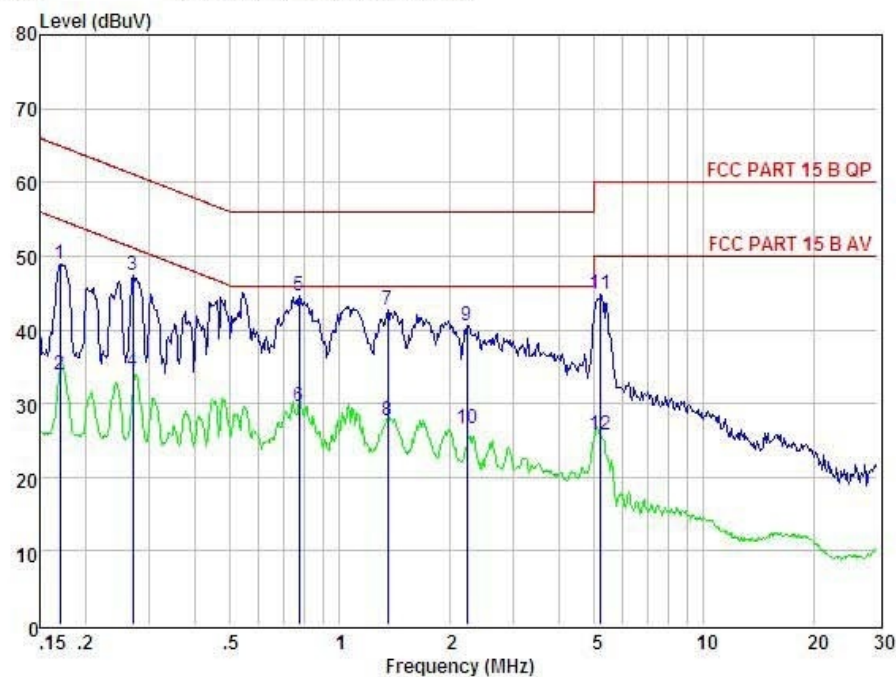
**2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes**

### 3.1.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.

### 3.1.5 TEST RESULTS

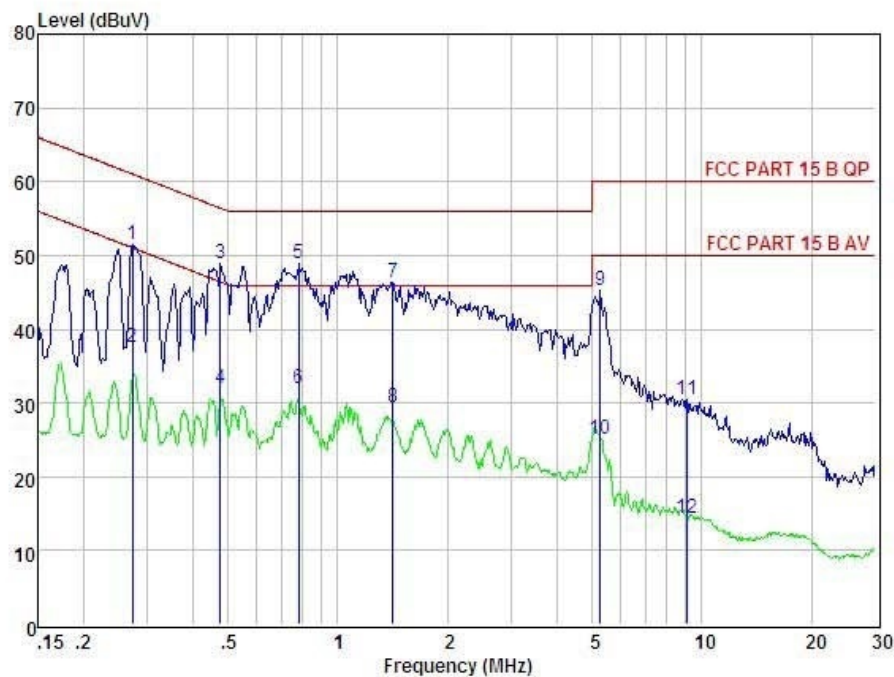
EUT :	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	Model Name. :	CMP770
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2014/05/18
Test Mode :	Mode 1	Phase :	L
Test Voltage :	DC 5V from PC with AC 120V/60Hz		



Condition : FCC PART 15 B QP				POL: LINE		Temp:24 °C		Hum:56 %	
Item	Freq	Read	LISN	Preamp	Cable	Level	Limit	Margin	Remark
	MHz	dBuV	Factor	Factor	Loss	dBuV	dBuV	dBuV	
1	0.170	39.05	0.03	-9.72	0.10	48.90	64.94	-16.04	QP
2	0.170	24.05	0.03	-9.72	0.10	33.90	54.94	-21.04	Average
3	0.270	37.49	0.03	-9.72	0.10	47.34	61.12	-13.78	QP
4	0.270	24.49	0.03	-9.72	0.10	34.34	51.12	-16.78	Average
5	0.775	34.70	0.00	-9.71	0.10	44.51	56.00	-11.49	QP
6	0.775	19.70	0.00	-9.71	0.10	29.51	46.00	-16.49	Average
7	1.352	32.81	0.05	-9.71	0.10	42.67	56.00	-13.33	QP
8	1.352	17.81	0.05	-9.71	0.10	27.67	46.00	-18.33	Average
9	2.237	30.72	0.06	-9.70	0.10	40.58	56.00	-15.42	QP
10	2.237	16.72	0.06	-9.70	0.10	26.58	46.00	-19.42	Average
11	5.221	34.84	0.10	-9.66	0.12	44.72	60.00	-15.28	QP
12	5.221	15.84	0.10	-9.66	0.12	25.72	50.00	-24.28	Average

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss

EUT :	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	Model Name. :	CMP770
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2014/05/18
Test Mode :	Mode 1	Phase :	N
Test Voltage :	DC 5V from PC with AC 120V/60Hz		

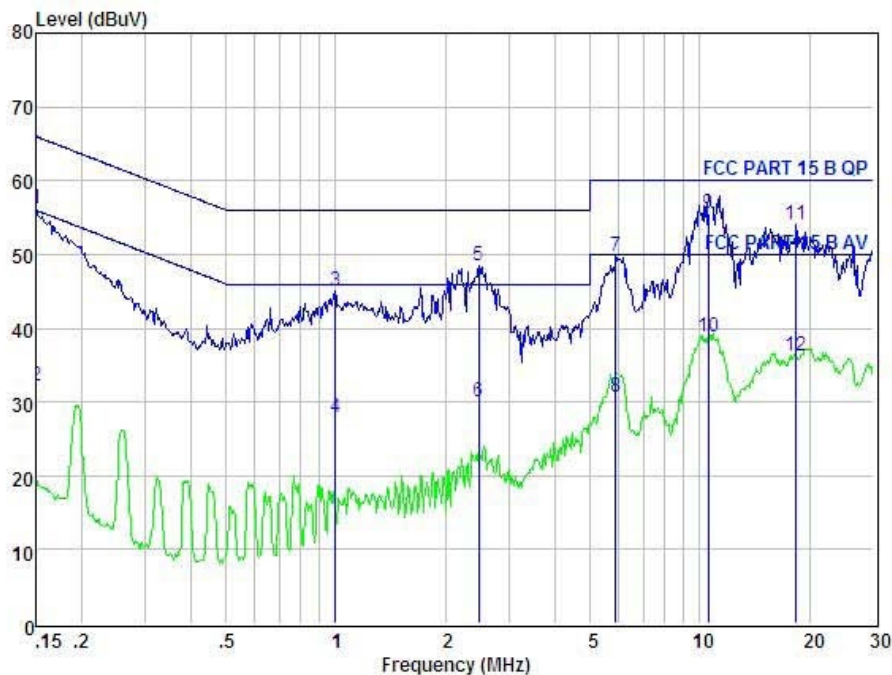


Condition : FCC PART 15 B QP POL: NEUTRAL Temp:24 °C Hum:56 %

Item	Freq MHz	Read dBuV	LISN Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	0.273	41.70	0.03	-9.72	0.10	51.55	61.03	-9.48	QP
2	0.273	27.70	0.03	-9.72	0.10	37.55	51.03	-13.48	Average
3	0.476	39.14	0.03	-9.72	0.10	48.99	56.41	-7.42	QP
4	0.476	22.14	0.03	-9.72	0.10	31.99	46.41	-14.42	Average
5	0.779	39.12	0.00	-9.71	0.10	48.93	56.00	-7.07	QP
6	0.779	22.12	0.00	-9.71	0.10	31.93	46.00	-14.07	Average
7	1.418	36.56	0.05	-9.71	0.10	46.42	56.00	-9.58	QP
8	1.418	19.56	0.05	-9.71	0.10	29.42	46.00	-16.58	Average
9	5.277	35.28	0.10	-9.66	0.13	45.17	60.00	-14.83	QP
10	5.277	15.28	0.10	-9.66	0.13	25.17	50.00	-24.83	Average
11	9.107	20.67	0.16	-9.40	0.18	30.41	60.00	-29.59	QP
12	9.107	4.67	0.16	-9.40	0.18	14.41	50.00	-35.59	Average

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss

EUT :	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	Model Name. :	CMP770
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2014/05/18
Test Mode :	Mode 2	Phase :	L
Test Voltage :	DC 5V from adapter with AC 120V/60Hz		

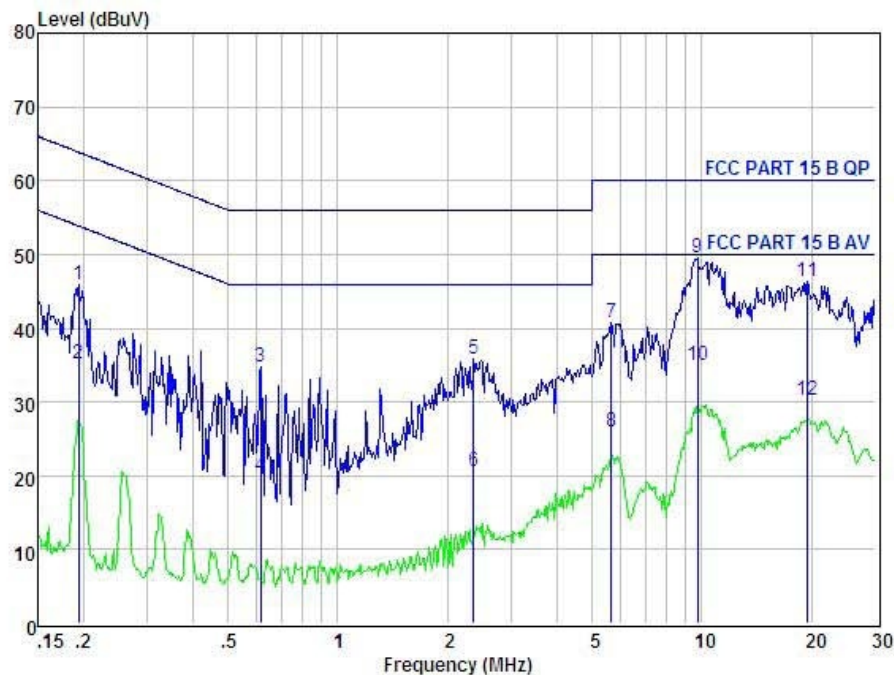


Condition : FCC PART 15 B QP						POL: LINE			
Item	Freq	Read	LISN	Preamp	Cable	Level	Limit	Margin	Remark
	MHz	dBuV	Factor	Factor	Loss	dBuV	dBuV	dBuV	
1	0.150	46.42	0.03	-9.72	0.10	56.27	66.00	-9.73	QP
2	0.150	22.25	0.03	-9.72	0.10	32.10	56.00	-23.90	Average
3	1.000	35.13	0.04	-9.71	0.10	44.98	56.00	-11.02	QP
4	1.000	17.93	0.04	-9.71	0.10	27.78	46.00	-18.22	Average
5	2.474	38.52	0.06	-9.70	0.11	48.39	56.00	-7.61	QP
6	2.474	20.23	0.06	-9.70	0.11	30.10	46.00	-15.90	Average
7	5.867	39.91	0.11	-9.62	0.14	49.78	60.00	-10.22	QP
8	5.867	20.75	0.11	-9.62	0.14	30.62	50.00	-19.38	Average
9	10.564	45.62	0.21	-9.50	0.22	55.55	60.00	-4.45	QP
10	10.564	28.91	0.21	-9.50	0.22	38.64	50.00	-11.16	Average
11	18.426	44.00	0.30	-9.46	0.32	54.08	60.00	-5.92	QP
12	18.426	26.26	0.30	-9.46	0.32	36.34	50.00	-13.66	Average

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss



EUT :	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	Model Name. :	CMP770
Temperature :	26 °C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2014/05/18
Test Mode :	Mode 2	Phase :	N
Test Voltage :	DC 5V from adapter with AC 120V/60Hz		



Condition : FCC PART 15 B QP						POL: NEUTRAL			
Item	Freq	Read	LISN	Preamp	Cable	Level	Limit	Margin	Remark
	MHz	dBuV	Factor	Factor	Loss	dBuV	dBuV	dBuV	
			dB	dB	dB				
1	0.194	36.03	0.03	-9.72	0.10	45.88	63.84	-17.96	QP
2	0.194	25.26	0.03	-9.72	0.10	35.11	53.84	-18.73	Average
3	0.614	24.95	0.03	-9.72	0.10	34.80	56.00	-21.20	QP
4	0.614	10.08	0.03	-9.72	0.10	19.93	46.00	-26.07	Average
5	2.358	26.02	0.06	-9.70	0.11	35.89	56.00	-20.11	QP
6	2.358	10.80	0.06	-9.70	0.11	20.67	46.00	-25.33	Average
7	5.653	30.80	0.10	-9.64	0.13	40.67	60.00	-19.33	QP
8	5.653	16.10	0.10	-9.64	0.13	25.97	50.00	-24.03	Average
9	9.757	39.76	0.18	-9.36	0.20	49.50	60.00	-10.50	QP
10	9.757	25.16	0.18	-9.36	0.20	34.90	50.00	-15.10	Average
11	19.532	36.23	0.31	-9.48	0.34	46.36	60.00	-13.64	QP
12	19.532	20.03	0.31	-9.48	0.34	30.16	50.00	-19.84	Average

Remarks: Level = Read + LISN Factor - Preamp Factor + Cable loss

### 3.2 RADIATED EMISSION MEASUREMENT

#### 3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A (at 10m)	Class B (at 3m)
	dBuV/m	dBuV/m
30 ~ 88	39.0	40.0
88 ~ 216	43.5	43.5
216 ~ 960	46.5	46.0
Above 960	49.5	54.0

Notes:

- (1) The limit for radiated test was performed according to as following:  
FCC PART 15B /ICES-003.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

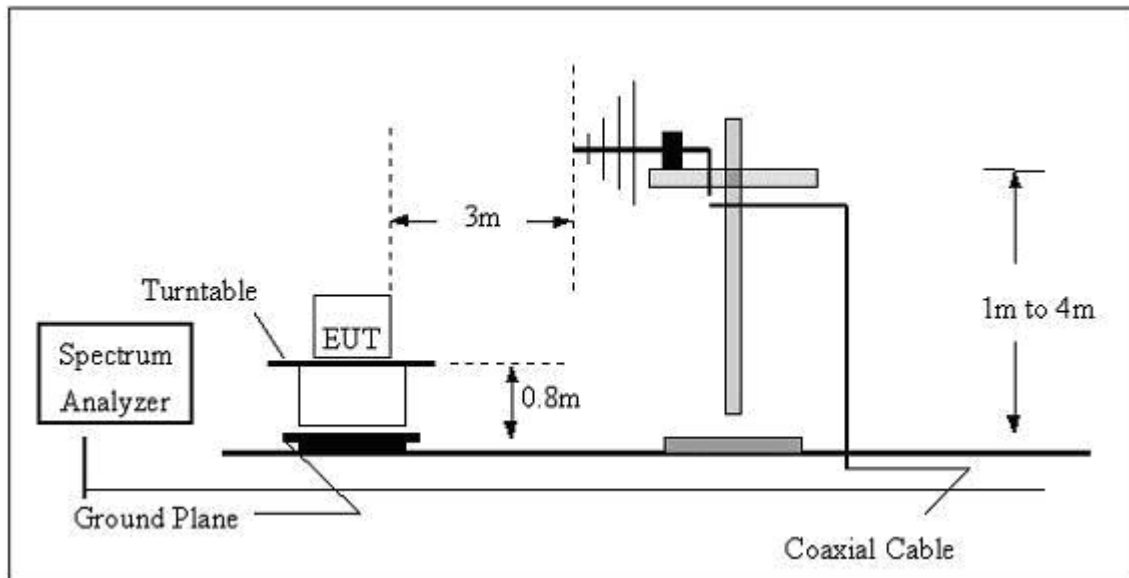
#### 3.2.2 TEST PROCEDURE

- a. The measuring distance of at 10 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured, above 1G Average detector mode will be instead.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP(AV) Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

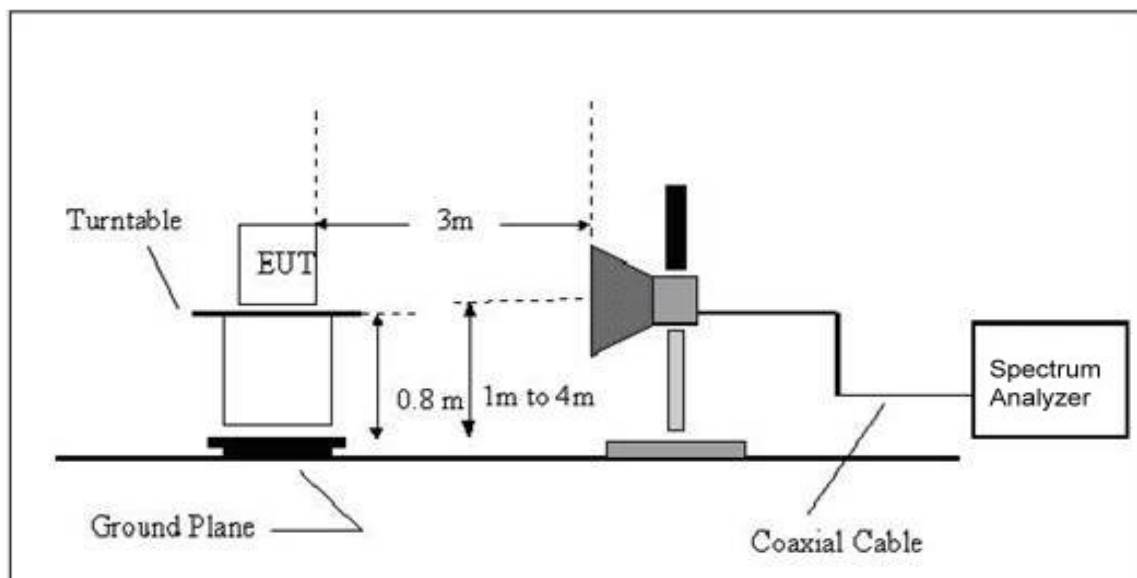


### 3.2.3 TEST SETUP

#### (A) Radiated Emission Test Set-Up Frequency Below 1 GHz



#### (B) Radiated Emission Test Set-Up Frequency Above 1GHz

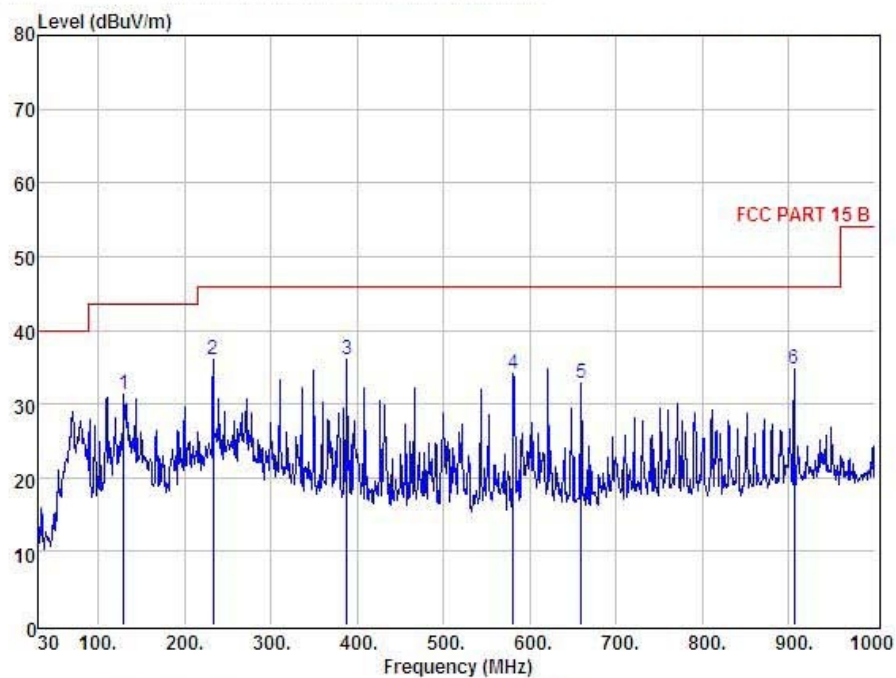


### 3.2.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.

### 3.2.5 TEST RESULTS

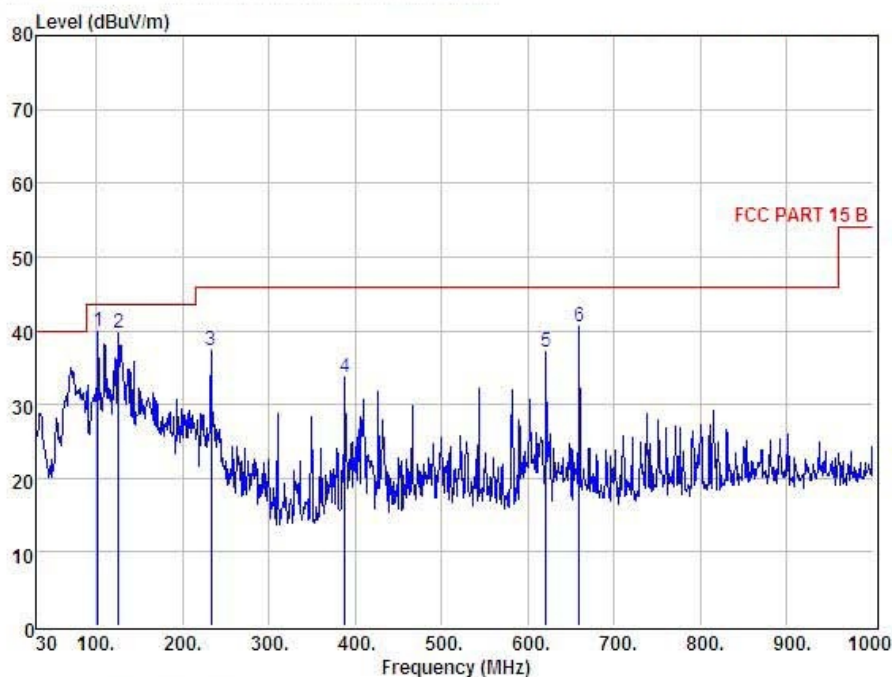
EUT :	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	Model Name :	CMP770
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014/05/19
Test Mode :	Mode 1	Polarization :	Horizontal
Test Power :	DC 5V from PC with AC 120V/60Hz		



Condition		: FCC PART 15 B			3m	POL: HORIZONTAL				
Item	Freq	Read	Antenna	Preamp	Cable	Level	Limit	Margin	Remark	
	MHz	dBuV	Factor	Factor	Loss	dBuV	dBuV	dBuV		
			dB	dB	dB					
1	129.91	48.37	12.79	30.89	1.02	31.29	43.50	-12.21	QP	
2	232.73	54.31	11.26	31.08	1.57	36.06	46.00	-9.94	QP	
3	387.93	50.50	14.55	31.39	2.40	36.06	46.00	-9.94	QP	
4	580.96	44.79	17.93	31.78	3.16	34.10	46.00	-11.90	QP	
5	659.53	41.99	19.21	31.78	3.32	32.74	46.00	-13.26	QP	
6	905.91	40.87	21.72	31.64	3.81	34.76	46.00	-11.24	QP	

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

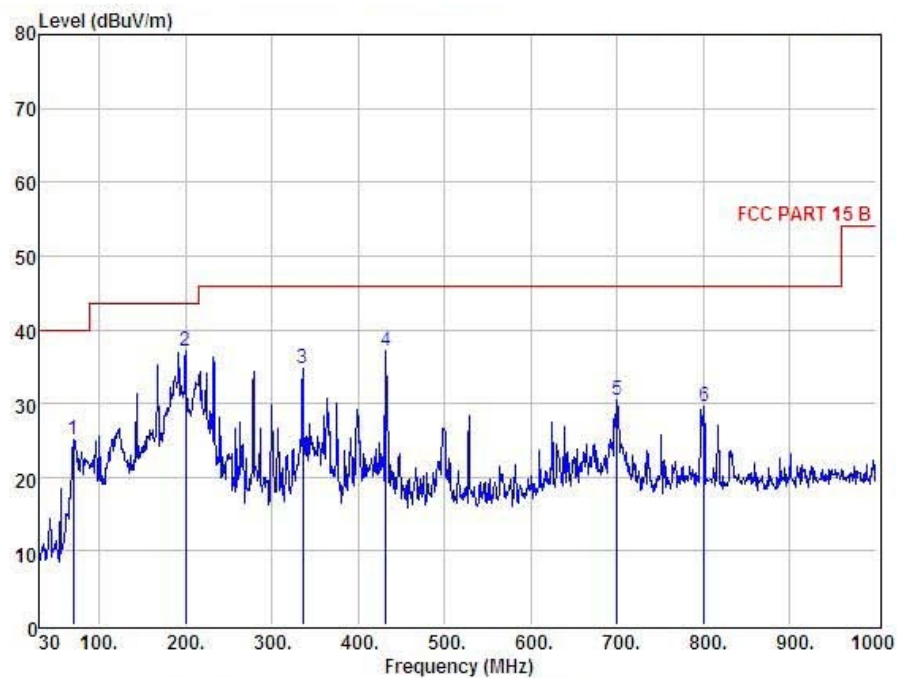
EUT :	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	Model Name :	CMP770
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014/05/19
Test Mode :	Mode 1	Polarization :	Vertical
Test Power :	DC 5V from PC with AC 120V/60Hz		



Condition		: FCC PART 15 B		3m	POL: VERTICAL				
Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	101.78	59.45	10.35	30.84	0.87	39.83	43.50	-3.67	QP
2	126.03	57.02	12.57	30.89	1.00	39.70	43.50	-3.80	QP
3	232.73	55.49	11.26	31.08	1.57	37.24	46.00	-8.76	QP
4	387.93	48.07	14.55	31.39	2.40	33.63	46.00	-12.37	QP
5	620.73	46.89	18.69	31.81	3.24	37.01	46.00	-8.99	QP
6	659.53	49.83	19.21	31.78	3.32	40.58	46.00	-5.42	QP

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

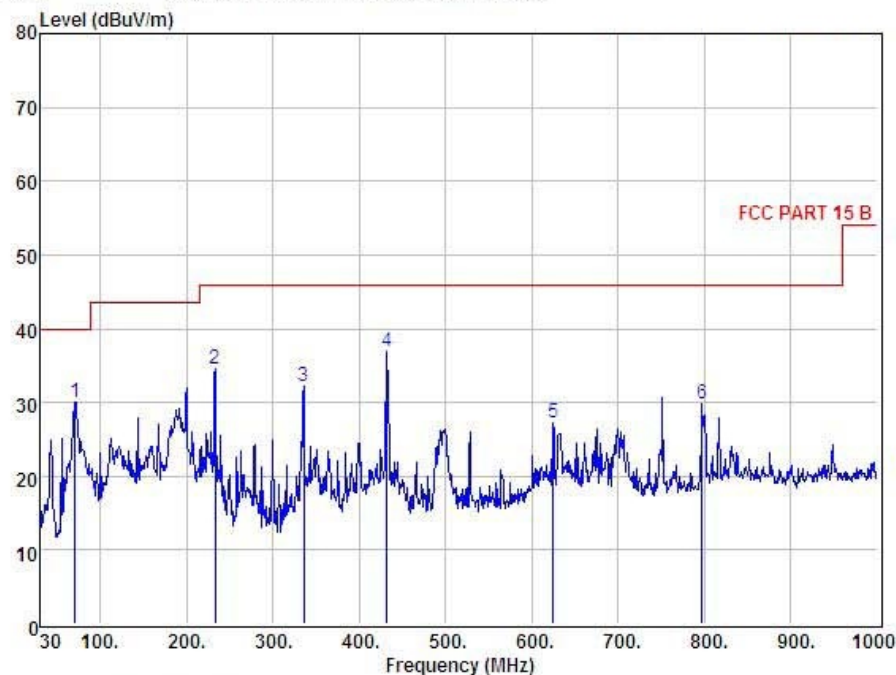
EUT :	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	Model Name :	CMP770
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014/05/19
Test Mode :	Mode 2	Polarization :	Horizontal
Test Power :	DC 5V from adapter with AC 120V/60Hz		



Condition		: FCC PART 15 B		3m	POL: HORIZONTAL				
Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	69.77	44.23	10.82	30.76	0.70	24.99	40.00	-15.01	QP
2	199.75	56.85	9.90	30.97	1.40	37.18	43.50	-6.32	QP
3	335.55	50.31	13.58	31.24	2.12	34.77	46.00	-11.23	QP
4	431.58	50.34	15.53	31.46	2.63	37.04	46.00	-8.96	QP
5	699.30	39.09	19.64	31.76	3.40	30.37	46.00	-15.63	QP
6	800.18	36.98	20.70	31.65	3.60	29.63	46.00	-16.37	QP

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

EUT :	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	Model Name :	CMP770
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014/05/19
Test Mode :	Mode 2	Polarization :	Vertical
Test Power :	DC 5V from adapter with AC 120V/60Hz		

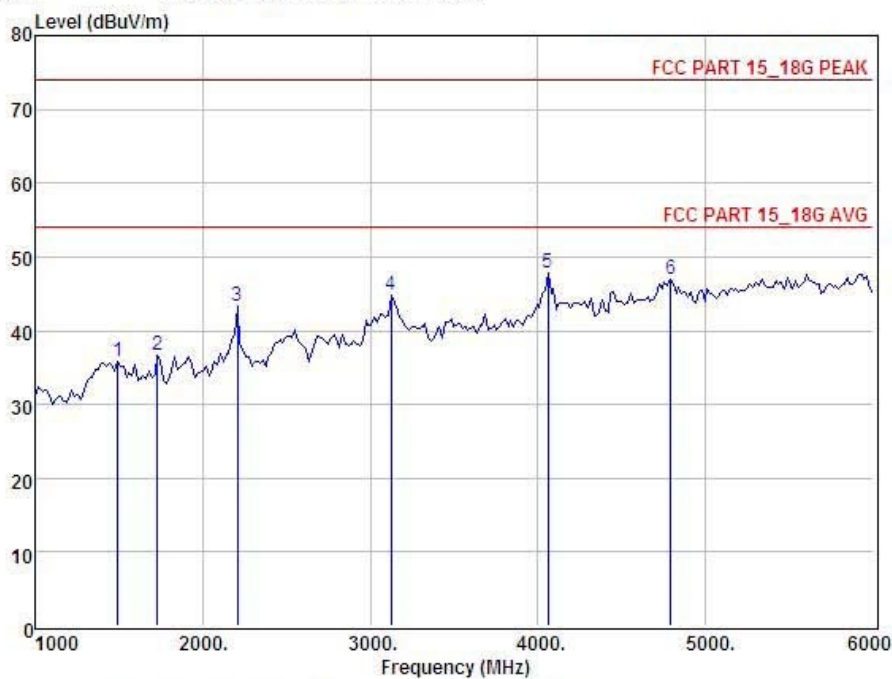


Condition : FCC PART 15 B 3m POL: VERTICAL									
Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	70.74	49.63	10.51	30.77	0.71	30.08	40.00	-9.92	QP
2	232.73	52.78	11.26	31.08	1.57	34.53	46.00	-11.47	QP
3	335.55	47.75	13.58	31.24	2.12	32.21	46.00	-13.79	QP
4	431.58	50.12	15.53	31.46	2.63	36.82	46.00	-9.18	QP
5	624.61	37.08	18.76	31.81	3.25	27.28	46.00	-18.72	QP
6	797.27	37.26	20.69	31.65	3.59	29.89	46.00	-16.11	QP

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

### 3.2.6 TEST RESULTS(Above 1GHz)

EUT :	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	Model Name :	CMP770
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014/05/19
Test Mode :	Mode 1	Polarization :	Horizontal
Test Power :	DC 5V from PC with AC 120V/60Hz		



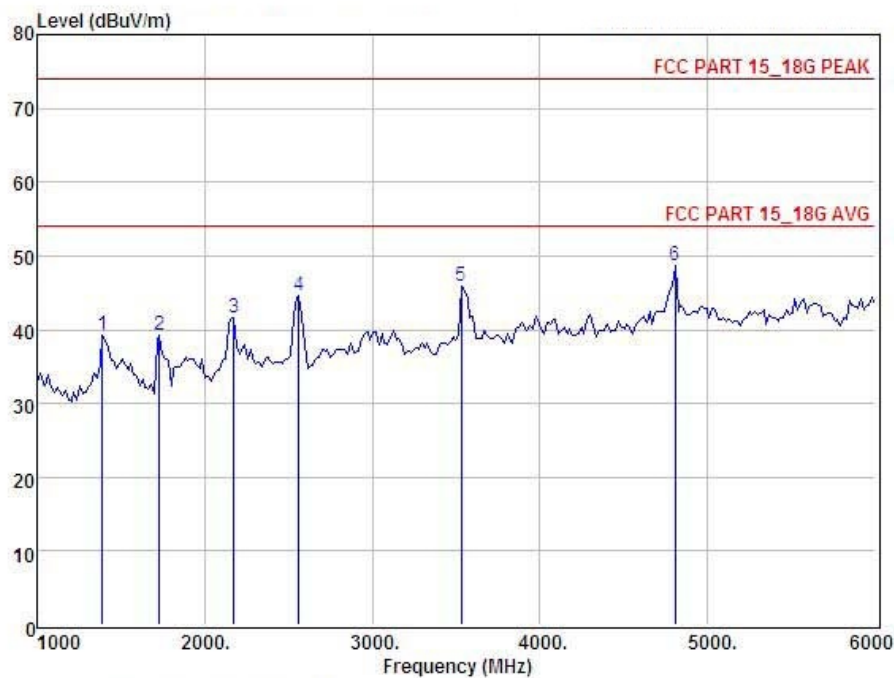
Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	1493.00	42.93	24.90	34.78	2.85	35.90	74.00	-38.10	Peak
2	1731.00	43.44	24.78	34.81	3.32	36.73	74.00	-37.27	Peak
3	2207.00	46.68	27.83	34.95	3.78	43.34	74.00	-30.66	Peak
4	3125.00	46.89	28.35	34.96	4.53	44.81	74.00	-29.19	Peak
5	4060.00	47.40	29.78	34.67	5.22	47.73	74.00	-26.27	Peak
6	4791.00	44.26	31.23	34.22	5.69	46.96	74.00	-27.04	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss



EUT :	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	Model Name :	CMP770
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014/05/19
Test Mode :	Mode 1	Polarization :	Vertical
Test Power :	DC 5V from PC with AC 120V/60Hz		

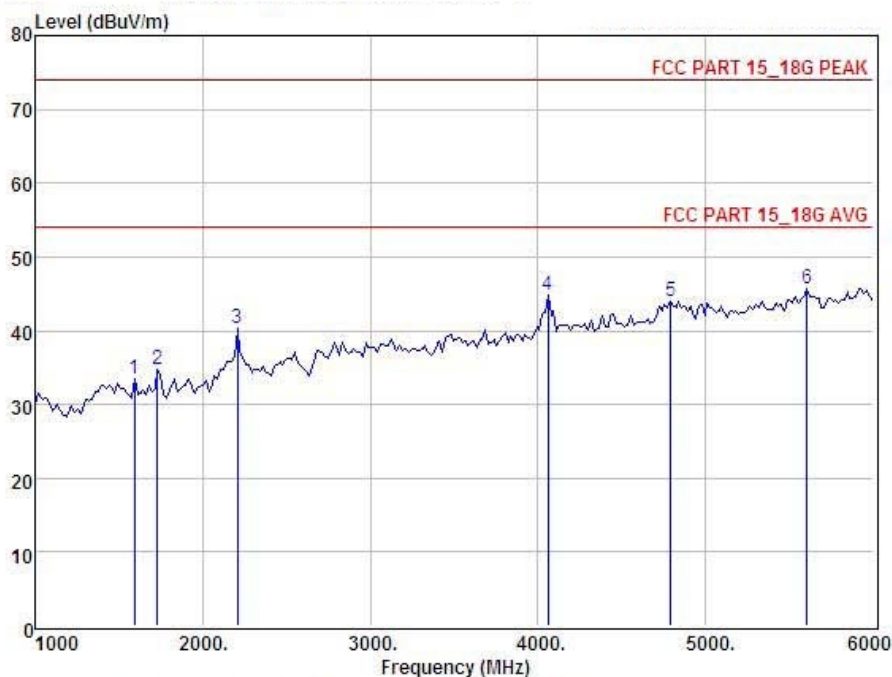


Condition : FCC PART 15\_18G PEAK 3m POL: VERTICAL

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	1391.00	46.20	25.12	34.83	2.68	39.17	74.00	-34.83	Peak
2	1731.00	45.95	24.78	34.81	3.32	39.24	74.00	-34.76	Peak
3	2173.00	45.25	27.60	34.95	3.75	41.65	74.00	-32.35	Peak
4	2564.00	47.94	27.69	34.98	4.07	44.72	74.00	-29.28	Peak
5	3533.00	47.27	28.60	34.90	4.87	45.84	74.00	-28.16	Peak
6	4808.00	45.89	31.26	34.20	5.70	45.65	74.00	-28.35	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

EUT :	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	Model Name :	CMP770
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014/05/19
Test Mode :	Mode 2	Polarization :	Horizontal
Test Power :	DC 5V from adapter with AC 120V/60Hz		



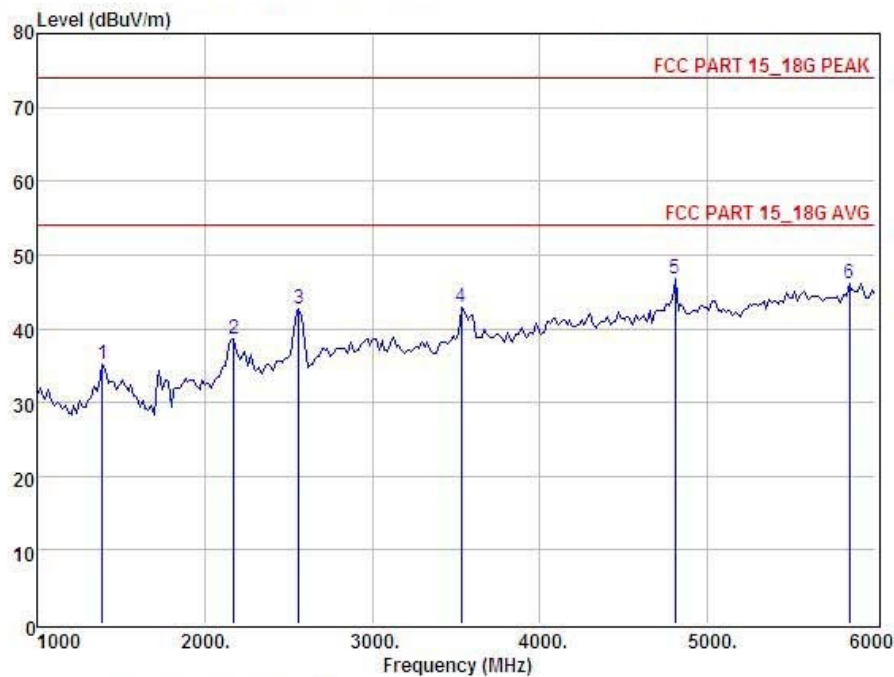
Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	1595.00	40.27	24.86	34.74	3.05	33.44	74.00	-40.56	Peak
2	1731.00	41.44	24.78	34.81	3.32	34.73	74.00	-39.27	Peak
3	2207.00	43.68	27.83	34.95	3.78	40.34	74.00	-33.66	Peak
4	4060.00	44.40	29.78	34.67	5.22	44.73	74.00	-29.27	Peak
5	4791.00	41.26	31.23	34.22	5.69	43.96	74.00	-30.04	Peak
6	5607.00	40.95	32.03	33.52	6.19	45.65	74.00	-28.35	Peak

Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss



EUT :	9 INCH TOUCH SCREEN DISPLAY WITH KEYBOARD AND CASE	Model Name :	CMP770
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2014/05/19
Test Mode :	Mode 2	Polarization :	Vertical
Test Power :	DC 5V from adapter with AC 120V/60Hz		



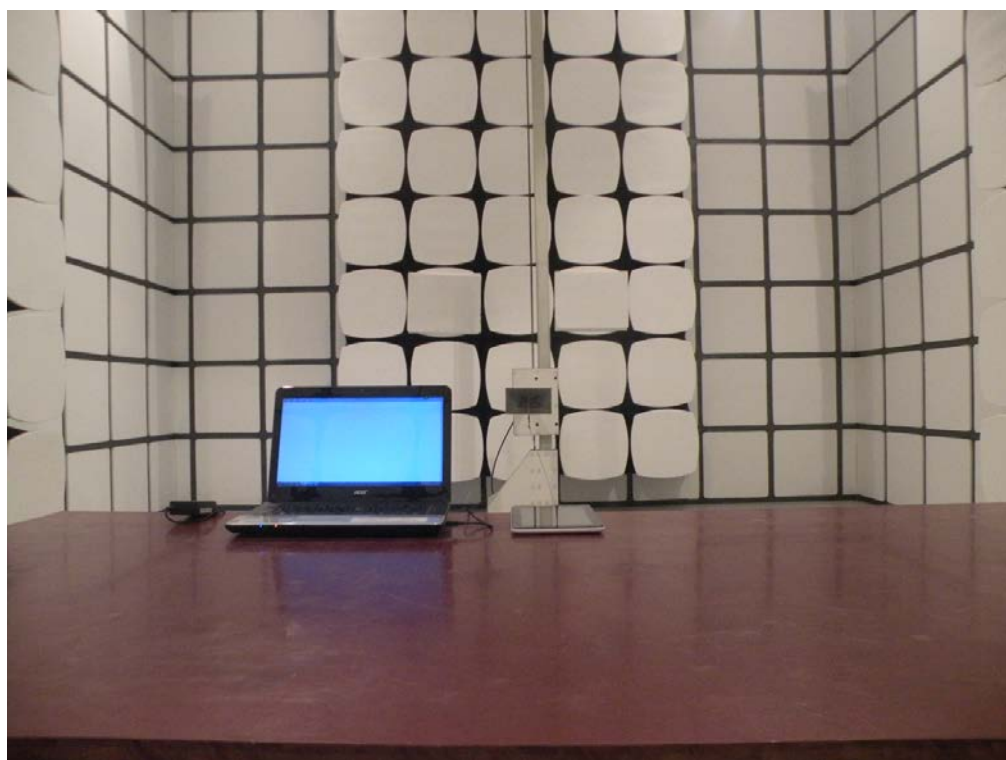
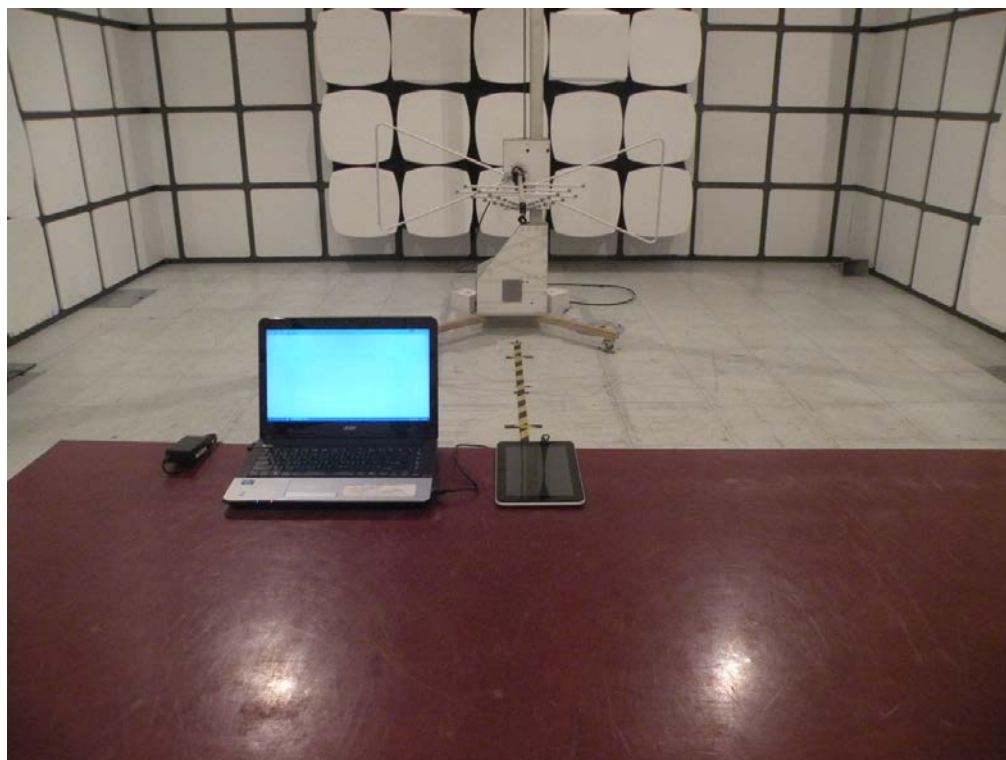
Condition : FCC PART 15\_18G PEAK 3m POL: VERTICAL

Item	Freq MHz	Read Level dBuV	Antenna Factor dB	Preamp Factor dB	Cable Loss dB	Level dBuV	Limit dBuV	Margin dBuV	Remark
1	1391.00	42.20	25.12	34.83	2.68	35.17	74.00	-38.83	Peak
2	2173.00	42.25	27.60	34.95	3.75	38.65	74.00	-35.35	Peak
3	2564.00	45.94	27.69	34.98	4.07	42.72	74.00	-31.28	Peak
4	3533.00	44.27	28.60	34.90	4.87	42.84	74.00	-31.16	Peak
5	4808.00	43.89	31.26	34.20	5.70	46.65	74.00	-27.35	Peak
6	5845.00	40.87	32.50	33.64	6.32	46.05	74.00	-27.95	Peak

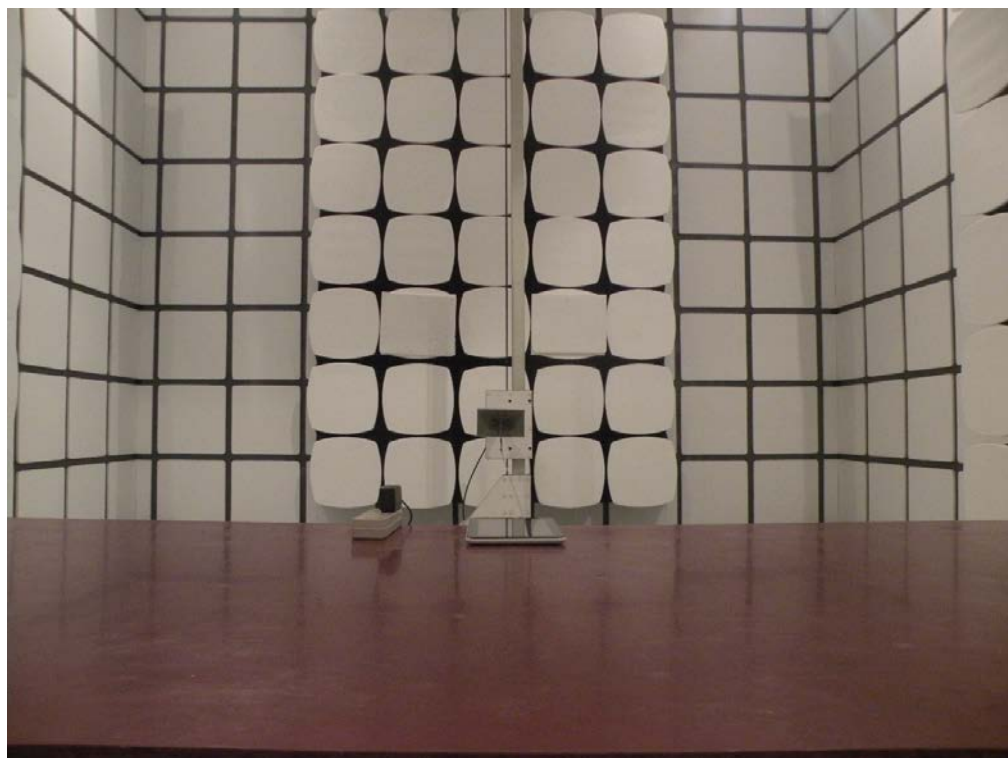
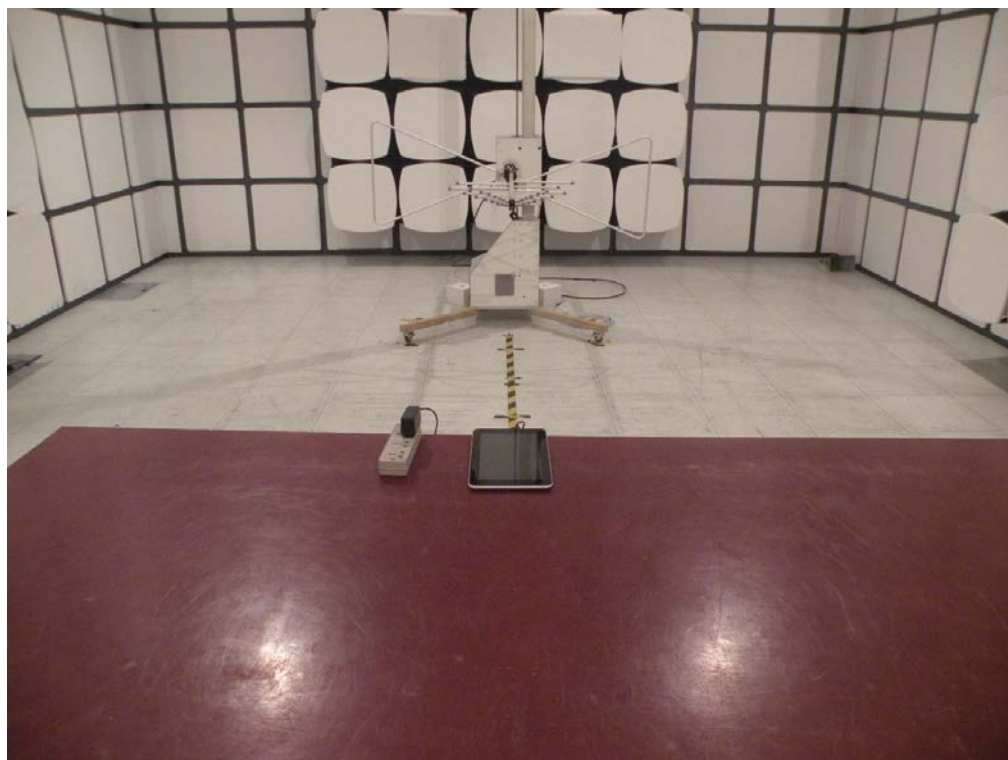
Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

#### 4. EUT TEST PHOTO

**Radiated Measurement Photos for mode 1**



**Radiated Measurement Photos for mode 2**



**Conducted Measurement Photos for mode 1**



**Conducted Measurement Photos for mode 2**

