FCC Test Report

FCC ID: QVXAMM215WTTP

Project No.	:	1410038A
Equipment	:	LCD Color Display
Model Name	:	AMM215WTTXXXXX; 0240-099-230; 0240099230; 240099230 (X= 0~9 ,A~Z ,"-" or blank)
Applicant	:	ADVAN INT'L CORP.
Address	:	47817 Fremont Blvd. Fremont, CA 94538

Date of Receipt	:	Oct. 07, 2014
Date of Test	:	Oct. 07, 2014 ~ Oct. 22, 2014
Issued Date	:	Jun. 01, 2015
Tested by	:	BTL Inc.

Testing Engineer : (Kener Wu)

Technical Manager : (Jeff Yang)

Authorized Signatory : (Andy Chiu)

BTL INC.

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Testing Laboratory
0659

Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C**., or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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BTL's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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REPORT ISSUED HISTORY

Issue No.	Description	Issued Date
BTL-FCCE-1-1410038	Original Report.	Oct. 24, 2014
BTL-FCCE-1-1410038A	Compared with the previous report (BTL-FCCE-1-1410038), A: The model name 0240-099-230; 0240099230; 240099230 are added. B: Added FCC ID on first page. The rest are the same.	Jun. 01, 2015

1. CERTIFICATION

Equipment	:	LCD Color Display
Brand Name	:	ADVAN
Model Name	:	AMM215WTTXXXXX; 0240-099-230; 0240099230; 240099230 (X= 0~9 ,A~Z ,"-" or blank)
Applicant	:	ADVAN INT'L CORP.
Date of Test	:	Oct. 07, 2014 ~ Oct. 22, 2014
Standard(s)	:	FCC Part 15, Subpart B ICES-003 Issue 5: 2012 Class B CAN/CSA CISPR 22-10 Class B CISPR 22: 2008 ED.6.0 Class B ANSI C63.4-2009

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc..
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCE-1-1410038A) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

Emission				
Standard	Test Item	Limit	Judgment	Remark
FCC Part 15, Subpart B ICES-003 Issue 5: 2012 CAN/CSA CISPR 22-10 CISPR 22: 2008 ED.6.0	Conducted emission	Class B	PASS	
	Radiated emission Below 1 GHz	Class B	PASS	
	Radiated emission Above 1 GHz	Class B	PASS	NOTE (2)

NOTE:

(1) ”N/A” denotes test is not applicable in this Test Report.

(2) If the EUT’s max operating frequency does not exceed 108 MHz, the test will not be performed.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report:

Conducted emission Test:

C03: (VCCI RN: C-4461)
B1, No. 37, Lane 365, YangGuang St., NeiHu District 114, Taipei, Taiwan.

Radiated emission Test (Below 1 GHz):

OS02: (VCCI RN: R-2669; FCC RN: 95335; FCC DN: TW1010)
No.132-1, Ln. 329, Sec. 2, Balian Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

Radiated emission Test (Above 1 GHz):

CB08: (VCCI RN: G-91; FCC RN: 614388; FCC DN: TW1054; IC Assigned Code: 4428C-1)
1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

2.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty is not specified by FCC/ Industry Canada rules and for reference only.

The reported uncertainty of measurement **y** ± **U**，where expended uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**，providing a level of confidence of approximately **95**%.
The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2.

A. Conducted emission test:

Test Site	Measurement Frequency Range	U，(dB)	NOTE
C03	150 kHz ~ 30 MHz	1.94	

B. Radiated emission test:

Test Site	Measurement Frequency Range	Ant. H / V	U，(dB)	NOTE
OS02	30 MHz ~ 200 MHz	V	2.48	
	30 MHz ~ 200 MHz	H	2.16	
	200 MHz ~ 1, 000 MHz	V	2.50	
	200 MHz ~ 1, 000 MHz	H	2.66	

Test Site	Item	Measurement Frequency Range		Uncertainty	NOTE
CB08	Radiated emission at 3m	Horizontal Polarization	30 - 200MHz	3.35 dB	
			200 - 1000MHz	3.11 dB	
			1 - 18GHz	3.97 dB	
			18 - 40GHz	4.01 dB	
		Vertical Polarization	30 - 200MHz	3.22 dB	
			200 - 1000MHz	3.24 dB	
			1 - 18GHz	4.05 dB	
			18 - 40GHz	4.04 dB	

Our calculated Measurement Instrumentation Uncertainty is shown in the tables above.
These are our U_{lab} values in CISPR 16-4-2 terminology.
Since Table 1 of CISPR 16-4-2 has values of measurement instrumentation uncertainty, called U_{CISPR}, as follows:

Conducted Disturbance (mains port) – 150 kHz – 30 MHz : 3.6 dB
Radiated Disturbance (electric field strength on an open area test site or alternative test site) – 30 MHz – 1000 MHz : 5.2 dB

It can be seen that our U_{lab} values are smaller than U_{CISPR}.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	LCD Color Display
Brand Name	ADVAN
Model Name	AMM215WTTXXXXX; 0240-099-230; 0240099230; 240099230 (X= 0~9 ,A~Z ,"-" or blank)
OEM Brand/Model Name	N/A
Model Difference	Only differ in model name.
Product Description	More details of EUT technical specification please refer to the User's Manual.
Power Source	DC Voltage supplied from External Power Supply. Brand / Model :Bridge Power Corp./BPM050S12F09
Power Rating	I/P: AC 100-240V 50-60Hz 1.5A(1.5A-0.7A) O/P: DC 12V 4.2A
Connecting I/O Port(s)	Please refer to the User's Manual
Products Covered	1 * Power Adapter with 2 cores: Bridge Power Corp./BPM050S12F09 1 * D-Sub cable with 2 cores 1 * DVI cable with 2 cores 1 * USB cable with 1 core 1 * Audio cable 1* Remote control key

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

3.2 DESCRIPTION OF TEST MODES

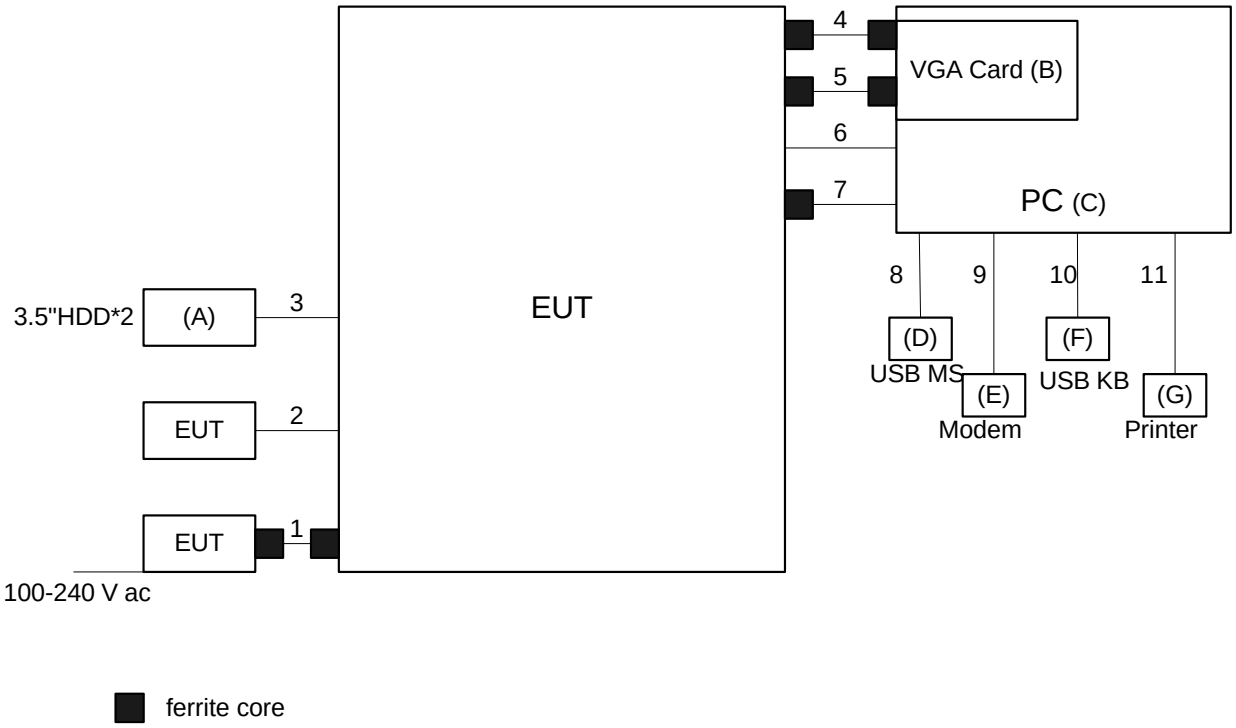
To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration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

Pretest Test Mode	Description
Mode 1	FULL SYSTEM DVI 1920*1080/60Hz(H)(WITH STAND)
Mode 2	FULL SYSTEM D-SUB 1920*1080/60Hz(H) (WITH STAND)
Mode 3	FULL SYSTEM D-SUB 1280*1024/75Hz(H) (WITH STAND)
Mode 4	FULL SYSTEM D-SUB 800*600/75Hz(H) (WITH STAND)
Mode 5	FULL SYSTEM D-SUB 1920*1080/60Hz(V) (WITH STAND)
Mode 6	FULL SYSTEM D-SUB 1920*1080/60Hz(SKY FACED) (WITH STAND)
Mode 7	FULL SYSTEM D-SUB 1920*1080/60Hz(H) (WITHOUT STAND)
Mode 8	FULL SYSTEM D-SUB 1920*1080/60Hz(V) (WITHOUT STAND)
Mode 9	FULL SYSTEM D-SUB 1920*1080/60Hz(SKY FACED) (WITHOUT STAND)

Conducted emission test	
Final Test Mode	Description
Mode 2	FULL SYSTEM D-SUB 1920*1080/60Hz(H) (WITH STAND)

Radiated emission test	
Final Test Mode	Description
Mode 2	FULL SYSTEM D-SUB 1920*1080/60Hz(H) (WITH STAND)

3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.4 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.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
A	3.5” External Hard Drive	WD	WDBACW0010HBK-SESN	DOC	WCAV5J749731	
B	VGA Card	Gigabyte	GTX 550 Ti	DOC	122951008613	
C	PC	DELL	OptiPlex 790 MT	DOC	64NJVBX	
D	USB Mouse	DELL	MS111-L	DOC	CN-09RRC7-44751-17J-OH1F	
E	Modem	ACEEX	DM-1414V	DOC	8041708	
F	USB K/B	DELL	L50U	DOC	CN-0H9F99-65890-17P-06WP-A01	
G	Printer	HP	VCVRA-1004	DOC	CN17511HHK	

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	YES	1.5M	Power Cable
2	NO	NO	1.5M	RJ-11 Cable
3	YES	NO	1.2M	USB Cable*2
4	YES	YES	1.8M	D-SUB Cable
5	YES	YES	1.8M	DVI Cable
6	NO	NO	1.8M	Audio Cable
7	YES	YES	1.8M	USB Cable
8	YES	NO	1.7M	USB Cable
9	YES	NO	1.7M	RS232 Cable
10	YES	NO	1.7M	USB Cable
11	YES	NO	1.7M	USB Cable

Note:

(1) The support equipment was authorized by Declaration of Conformity (DOC).

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION TEST

4.1.1 LIMITS (FREQUENCY RANGE 150 KHZ-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.
(3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
Margin Level = Measurement Value – Limit Value

4.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TWO-LINE V-NETWORK	R&S	ENV216	101051	Jan. 16, 2015
2	Test Cable	TIMES	CFD300-NL	C03	Jun. 12, 2015
3	EMI Test Receiver	R&S	ESCI	100080	May. 11, 2015
4	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A

Remark: “N/A” denotes No Model Name, No Serial No. or No Calibration specified.

4.1.3 TEST PROCEDURE

a. The EUT was placed 0.8 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.
b. 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.
c. 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.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

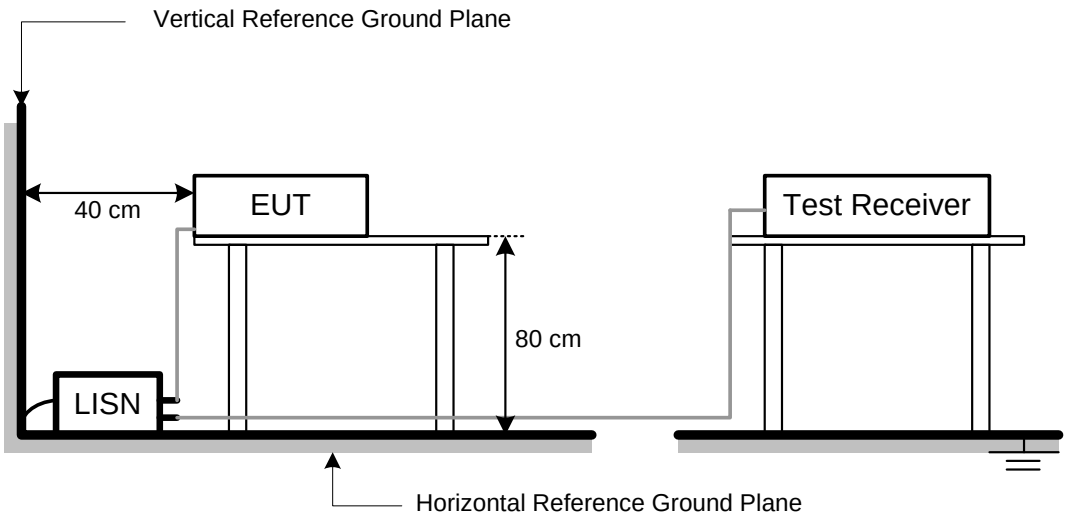
NOTE:

a. Reading in which marked as Peak, QP or AVG means measurements by using are Quasi-Peak or Average Mode with Detector BW=9 kHz (6 dB Bandwidth).
b. All readings are Peak Mode value unless otherwise stated QP or AVG in column of Note. If the Peak or QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only Peak or QP Mode was measured, but AVG Mode didn‘t perform.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



4.1.6 EUT OPERATING CONDITIONS

The PC exercise program (EMC TEST) used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use. The program contained on a PC hard disk and is auto-starting on power-up. Once loaded, the program sequentially exercises each system component in turn. The sequence used is:

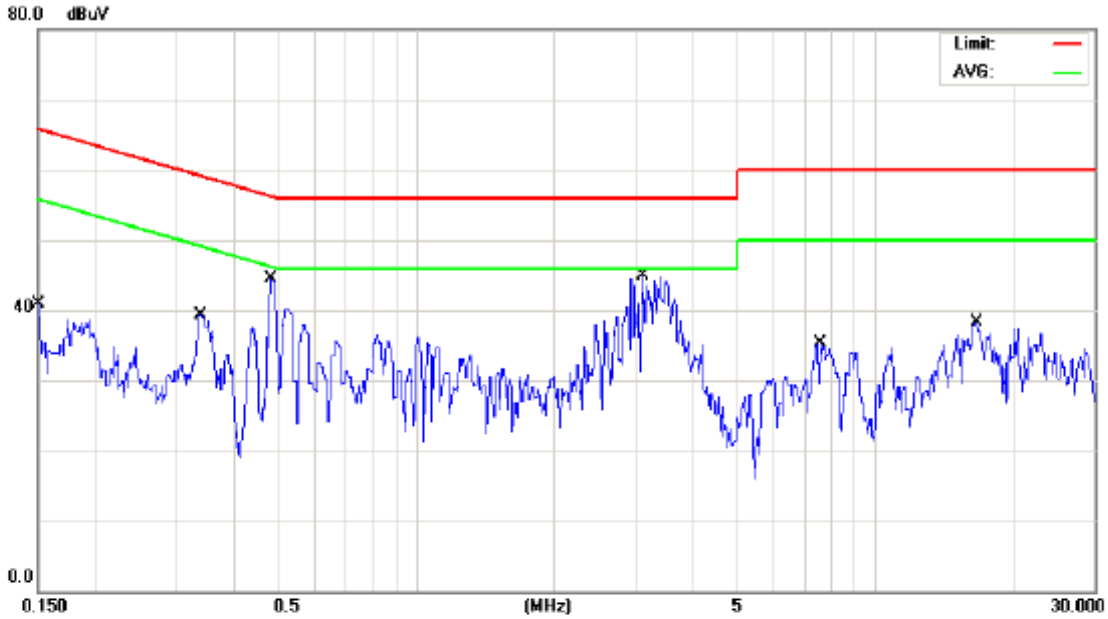
1. Read (write) from (to) mass storage device (PC-EUT-External HDD).
2. Send "H" pattern to video port device (EUT).
3. Send "H" pattern to USB port device (Printer).
4. Send "H" pattern to serial port device (Modem).
5. Repeated from 2 to 4 continuously.

As the keyboard and mouse are strictly input devices, no data is transmitted to (from) them during test. They are, however, continuously scanned for data input activity.

4.1.7 TEST RESULTS

EUT	LCD Color Display	Model Name	AMM215WTTXXXXX
Temperature	24°C	Relative Humidity	48%
Test Voltage	AC 120V/60Hz		
Test Mode	FULL SYSTEM D-SUB 1920*1080/60Hz(H)(WITH STAND)		

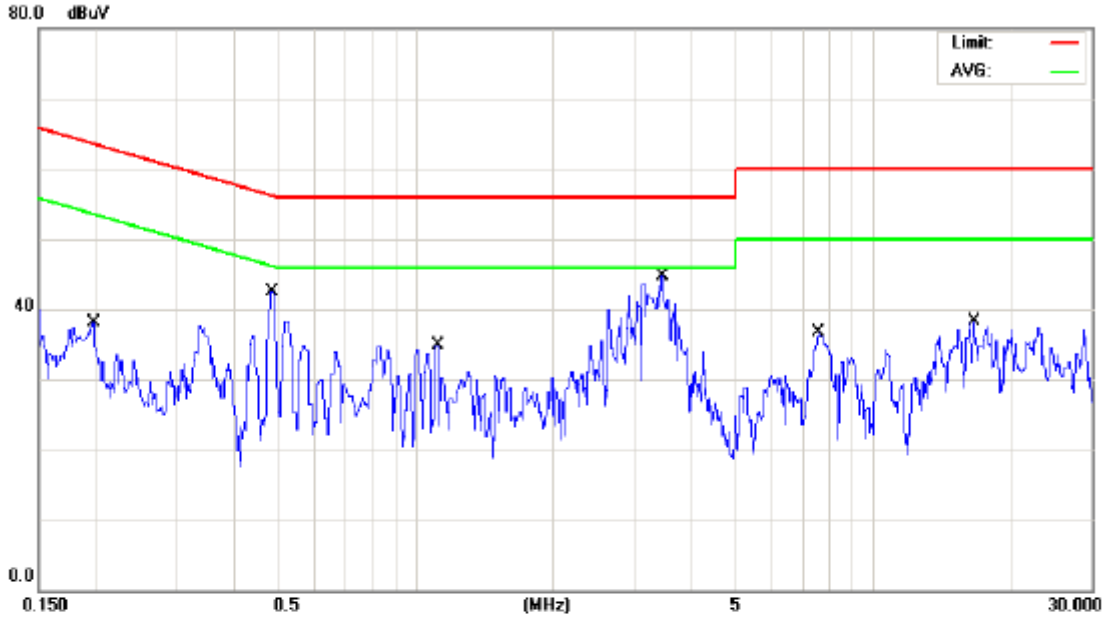
Phase: Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1507	25.50	9.62	35.12	65.96	-30.84	QP	
2		0.1507	19.50	9.62	29.12	55.96	-26.84	AVG	
3		0.3376	28.50	9.63	38.13	59.26	-21.13	QP	
4		0.3376	22.40	9.63	32.03	49.26	-17.23	AVG	
5		0.4825	33.60	9.62	43.22	56.30	-13.08	QP	
6	*	0.4825	32.20	9.62	41.82	46.30	-4.48	AVG	
7		3.1190	28.30	9.66	37.96	56.00	-18.04	QP	
8		3.1190	14.50	9.66	24.16	46.00	-21.84	AVG	
9		7.6000	23.80	9.81	33.61	60.00	-26.39	QP	
10		7.6000	15.40	9.81	25.21	50.00	-24.79	AVG	
11		16.5000	24.80	10.19	34.99	60.00	-25.01	QP	
12		16.5000	17.70	10.19	27.89	50.00	-22.11	AVG	

EUT	LCD Color Display	Model Name	AMM215WTTXXXXX
Temperature	24°C	Relative Humidity	48%
Test Voltage	AC 120V/60Hz		
Test Mode	FULL SYSTEM D-SUB 1920*1080/60Hz(H)(WITH STAND)		

Phase: Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1969	23.20	9.64	32.84	63.74	-30.90	QP	
2		0.1969	17.40	9.64	27.04	53.74	-26.70	AVG	
3	*	0.4839	31.90	9.62	41.52	56.27	-14.75	QP	
4		0.4839	3.40	9.62	13.02	46.27	-33.25	AVG	
5		1.1119	23.00	9.60	32.60	56.00	-23.40	QP	
6		1.1119	19.50	9.60	29.10	46.00	-16.90	AVG	
7		3.4430	31.30	9.66	40.96	56.00	-15.04	QP	
8		3.4430	18.20	9.66	27.86	46.00	-18.14	AVG	
9		7.6000	24.00	9.80	33.80	60.00	-26.20	QP	
10		7.6000	15.30	9.80	25.10	50.00	-24.90	AVG	
11		16.5500	24.90	10.01	34.91	60.00	-25.09	QP	
12		16.5500	17.50	10.01	27.51	50.00	-22.49	AVG	

4.2 RADIATED EMISSION TEST

4.2.1 LIMITS

Below 1 GHz

FREQUENCY (MHz)	Class A (at 10m) dBuV/m	Class B (at 10m) dBuV/m
30 - 230	40	30
230 - 1000	47	37

NOTE:

(1) The limit for radiated test was performed according to as following:
FCC Part 15, Subpart B; ICES-003 Issue 5: 2012; CAN/CSA-CISPR 22-10;
CISPR 22: 2008.
(2) The tighter limit applies at the band edges.
(3) Emission level (dBuV/m) = 20log Emission level (uV/m).
(4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

Above 1 GHz

FREQUENCY (MHz)	Class A (dBuV/m) (at 3m)		Class A (dBuV/m) (at 10m)	
	PEAK	AVERAGE	PEAK	AVERAGE
Above 1000	80	60	69.5	49.5

FREQUENCY (MHz)	Class B (dBuV/m) (at 3m)	
	PEAK	AVERAGE
Above 1000	74	54

NOTE:

(1) The limit for radiated test was performed according to as following:
FCC Part 15, Subpart B; ICES-003 Issue 5: 2012.
(2) The tighter limit applies at the band edges.
(3) Emission level (dBuV/m) = 20log Emission level (uV/m).
3m Emission level = 10m Emission level + 20log(10m/3m).
(4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

FREQUENCY RANGE OF RADIATED MEASUREMENT (FOR UNINTENTIONAL RADIATORS)

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5^{th} harmonic of the highest frequency or 40 GHz, whichever is lower

4.2.2 MEASUREMENT INSTRUMENTS LIST

Below 1 GHz:

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	Schwarzbeck	VULB 9160	3173	Nov. 28, 2014
2	Pre-Amplifier	Anritsu	MH648A	M98457	May. 28, 2015
3	Test Cable	TIMES	LMR-400	10M-OS01	May. 28, 2015
4	Test Cable	TIMES	LMR-400	OS02	May. 28, 2015
5	EMI Test Receiver	R&S	ESCI	100082	Apr. 13, 2015
6	System Controller (OS02)	CT	SC100	N/A	N/A
7	Turn Table	Chance Most	CMTB-1.5	N/A	N/A
8	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A

Above 1 GHz:

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Horn Antenna (1G)	Schwarzbeck	BBHA 9120 D	9120D-325	Jan. 12, 2015
2	Pre_Amplifier	Agilent	8449B	3008A01714	Apr. 15, 2015
3	Microflex Cable	HARBOUR INDUSTRIES	27478 LL142	1M	May. 12, 2015
4	Microflex Cable	AISI	S104-SMAP-1	10M	May. 14, 2015
5	Microflex Cable	HARBOUR INDUSTRIES	27478 LL142	3M	May. 12, 2015
6	Spectrum Analyzer	R&S	FSP-40	100129	Oct. 13, 2015
7	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A

Remark: “N/A” denotes No Model Name, No Serial No. or No Calibration specified.

4.2.3 TEST PROCEDURE

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3m or 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
b. 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.
c. The initial step in collecting radiated 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.
d. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

NOTE: (Below 1 GHz)

a. Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode with Detector BW=120 kHz.
b. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform.

NOTE: (Above 1 GHz)

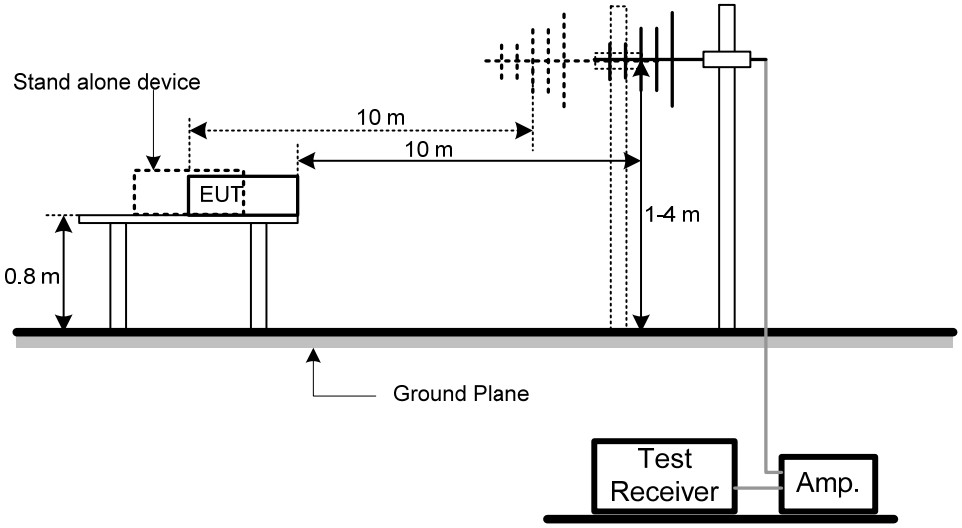
a. Reading in which marked as Peak means measurements by using are Peak Mode with instrument setting in RBW= 1 MHz, VBW= 1 MHz.
Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW= 1 MHz, VBW= 10 Hz.
b. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform.

4.2.4 DEVIATION FROM TEST STANDARD

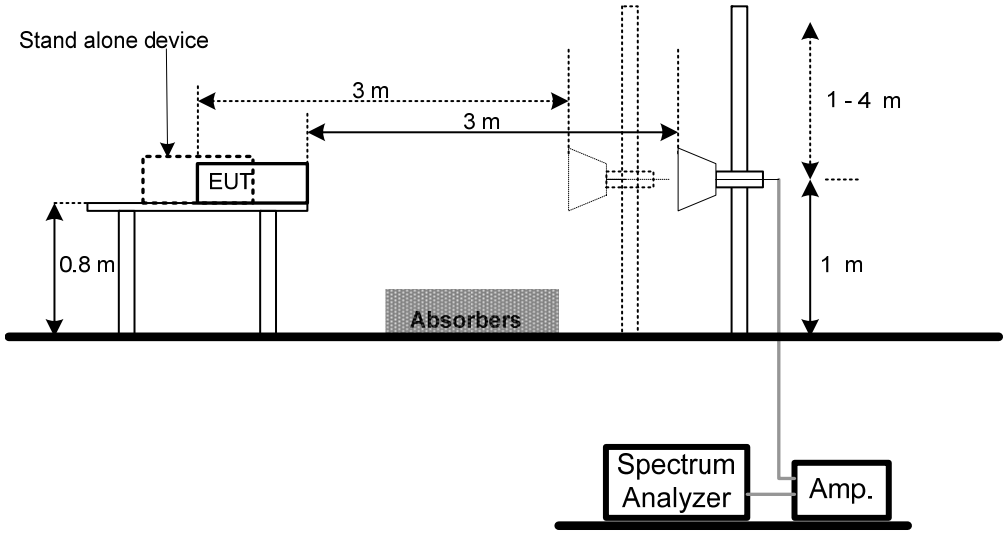
No deviation

4.2.5 TEST SETUP

Below 1 GHz



Above 1 GHz



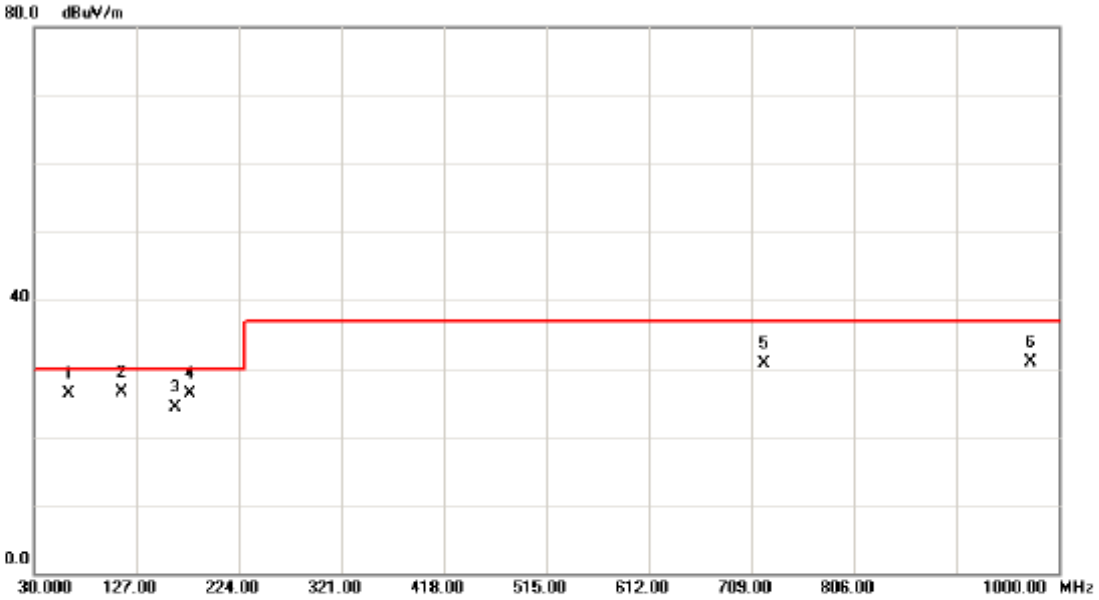
4.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.6** Unless otherwise a special operating condition is specified in the follows during the testing.

4.2.7 TEST RESULTS-BELOW 1 GHZ

EUT	LCD Color Display	Model Name	AMM215WTTXXXXX
Temperature	27°C	Relative Humidity	74%
Test Voltage	AC 120V/60Hz		
Test Mode	FULL SYSTEM D-SUB 1920*1080/60Hz(H)(WITH STAND)		

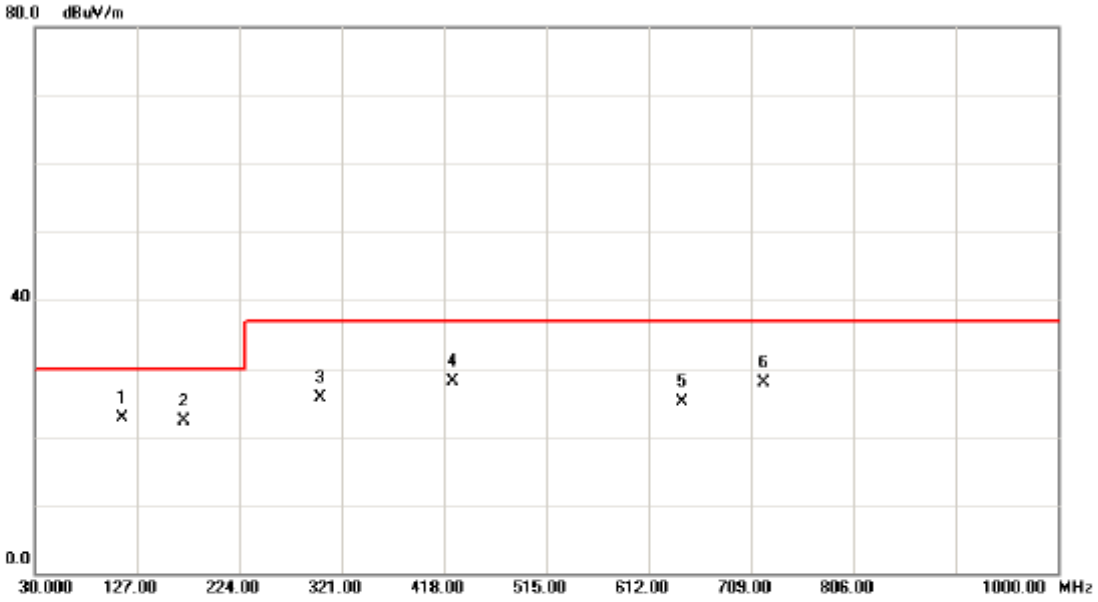
Polarization: Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		62.2500	32.80	-6.47	26.33	30.00	-3.67	QP	100	17	
2	*	112.5100	33.50	-7.09	26.41	30.00	-3.59	QP	100	139	
3		163.7420	28.90	-4.60	24.30	30.00	-5.70	QP	100	270	
4		178.2000	32.00	-5.62	26.38	30.00	-3.62	QP	100	6	
5		720.0020	23.70	7.09	30.79	37.00	-6.21	QP	192	263	
6		973.4620	20.20	10.79	30.99	37.00	-6.01	QP	215	0	

EUT	LCD Color Display	Model Name	AMM215WTTXXXXX
Temperature	27°C	Relative Humidity	74%
Test Voltage	AC 120V/60Hz		
Test Mode	FULL SYSTEM D-SUB 1920*1080/60Hz(H)(WITH STAND)		

Polarization: Horizontal

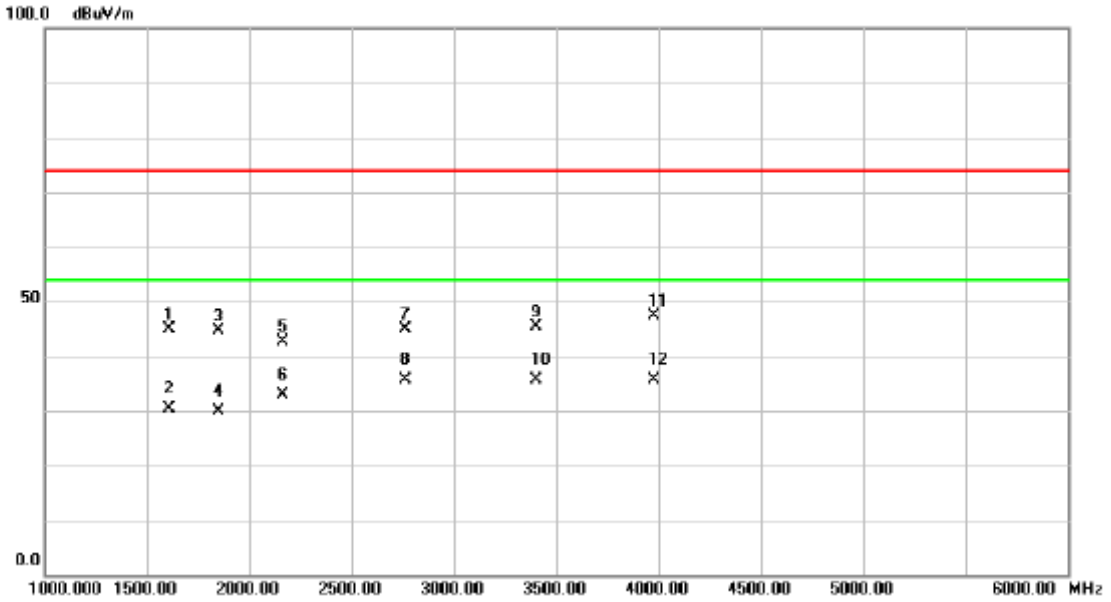


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	113.2200	29.78	-7.03	22.75	30.00	-7.25	QP	400	0	
2		171.4620	27.20	-4.89	22.31	30.00	-7.69	QP	400	229	
3		300.0000	29.30	-3.51	25.79	37.00	-11.21	QP	400	145	
4		426.0700	28.60	-0.54	28.06	37.00	-8.94	QP	311	146	
5		643.2480	20.00	5.08	25.08	37.00	-11.92	QP	100	247	
6		720.0055	20.90	7.09	27.99	37.00	-9.01	QP	180	203	

4.2.8 TEST RESULTS-ABOVE 1 GHZ

EUT	LCD Color Display	Model Name	AMM215WTTXXXXX
Temperature	20°C	Relative Humidity	65%
Test Voltage	AC 120V/60Hz		
Test Mode	FULL SYSTEM D-SUB 1920*1080/60Hz(H)(WITH STAND)		

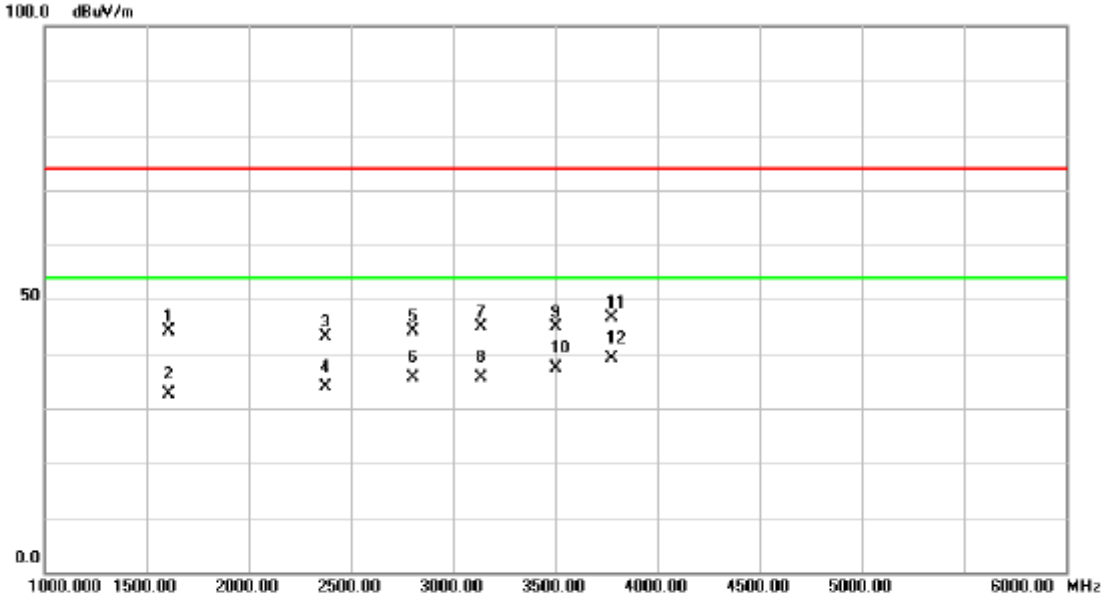
Polarization: Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1612.500	48.36	-3.60	44.76	74.00	-29.24	peak	125	288	
2		1612.500	34.02	-3.60	30.42	54.00	-23.58	AVG	125	288	
3		1850.000	47.42	-2.89	44.53	74.00	-29.47	peak	177	274	
4		1850.000	32.76	-2.89	29.87	54.00	-24.13	AVG	177	274	
5		2162.500	44.33	-1.73	42.60	74.00	-31.40	peak	102	169	
6		2162.500	34.62	-1.73	32.89	54.00	-21.11	AVG	102	169	
7		2762.500	44.54	0.39	44.93	74.00	-29.07	peak	244	111	
8	*	2762.500	35.29	0.39	35.68	54.00	-18.32	AVG	244	111	
9		3400.000	43.75	1.64	45.39	74.00	-28.61	peak	196	252	
10		3400.000	33.89	1.64	35.53	54.00	-18.47	AVG	196	252	
11		3975.000	42.38	4.99	47.37	74.00	-26.63	peak	155	227	
12		3975.000	30.69	4.99	35.68	54.00	-18.32	AVG	155	227	

EUT	LCD Color Display	Model Name	AMM215WTTXXXXX
Temperature	20°C	Relative Humidity	65%
Test Voltage	AC 120V/60Hz		
Test Mode	FULL SYSTEM D-SUB 1920*1080/60Hz(H)(WITH STAND)		

Polarization: Horizontal

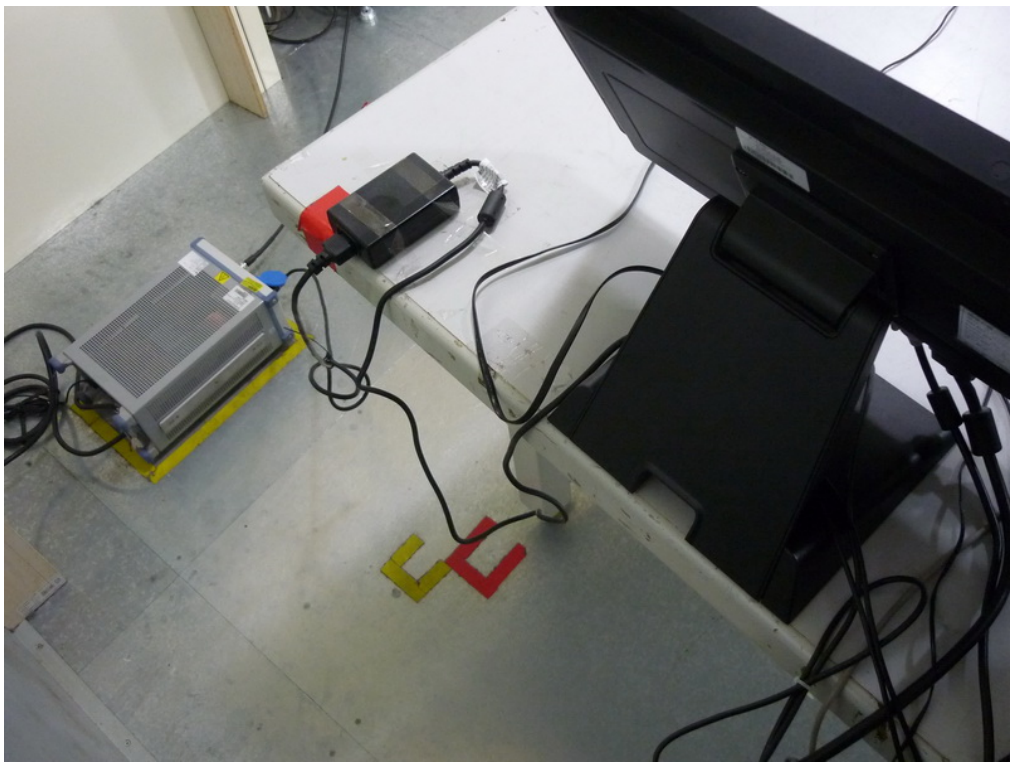


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1612.500	47.85	-3.60	44.25	74.00	-29.75	peak	122	241	
2		1612.500	36.24	-3.60	32.64	54.00	-21.36	AVG	122	241	
3		2375.000	44.02	-0.79	43.23	74.00	-30.77	peak	147	300	
4		2375.000	34.55	-0.79	33.76	54.00	-20.24	AVG	147	300	
5		2800.000	43.71	0.46	44.17	74.00	-29.83	peak	136	299	
6		2800.000	35.24	0.46	35.70	54.00	-18.30	AVG	136	299	
7		3137.500	43.66	1.18	44.84	74.00	-29.16	peak	178	245	
8		3137.500	34.33	1.18	35.51	54.00	-18.49	AVG	178	245	
9		3500.000	42.97	1.81	44.78	74.00	-29.22	peak	220	152	
10		3500.000	35.61	1.81	37.42	54.00	-16.58	AVG	220	152	
11		3775.000	43.01	3.65	46.66	74.00	-27.34	peak	146	103	
12	*	3775.000	35.47	3.65	39.12	54.00	-14.88	AVG	146	103	

5. EUT TEST PHOTO

Conducted emission test photos

FULL SYSTEM D-SUB 1920*1080/60Hz(H)(WITH STAND)



Radiated emission below 1 GHz test photos

FULL SYSTEM D-SUB 1920*1080/60Hz(H)(WITH STAND)

Radiated emission above 1 GHz test photos

FULL SYSTEM D-SUB 1920*1080/60Hz(H)(WITH STAND)