Radio Test Report

FCC ID: HLEMT700NHF

This report concerns (check one) : ☒ **Original Grant** ☐ **Class II Change**

Issued Date	:	Feb. 21, 2014
Project No.	:	1311156
Equipment	:	Multi-functional T&A Terminal
Model Name	:	MT700
Applicant	:	unitech electronics co., ltd.
Address	:	5F, No. 136, Lane 235, Pao-Chiao Rd., Hsin-Tien Dist., New Taipei City, Taiwan

Tested by: Neutron Engineering Inc. EMC Laboratory
Date of Receipt: Nov. 18, 2013
Date of Test: Nov. 18, 2013 ~ Feb. 19, 2014

Testing Engineer : (Josh Lin)

Technical Manager : (Jeff Yang)

Authorized Signatory : (Andy Chiu)

Neutron Engineering Inc.
B1, No. 37, Lane 365, YangGuang St.,
NeiHu District 114, Taipei, Taiwan.
TEL: +886-2-2657-3299
FAX: +886-2-2657-3331

Testing Laboratory 0659

Declaration

Neutron 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.**

Neutron'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. **Neutron** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **Neutron** issued reports.

Neutron's reports must not be used by the client to claim product endorsement by the authorities or any agency of the Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and **Neutron-self**, extracts from the test report shall not be reproduced except in full with **Neutron**'s authorized written approval.

Neutron'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.

Table of Contents

REPORT ISSUED HISTORY

Revised Version No.	Description	Issued Date
NEI-FCCP-2-1311156	Original Issue.	Feb. 21, 2014

1 CERTIFICATION

Equipment	:	Multi-functional T&A Terminal
Brand Name	:	unitech; TASHI
Model Name	:	MT700
Applicant	:	unitech electronics co., ltd.
Date of Test	:	Nov. 18, 2013 ~ Feb. 19, 2014
Standards	:	FCC Part 15, Subpart C: 2012 ANSI C63.4: 2009

The above equipment has been tested and found compliance with the requirement of the relative standards by Neutron Engineering Inc. EMC Laboratory.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FCCP-2-1311156) 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:

Standard Section	Test Item	**Result**
15.207	Conducted emission	**PASS**
15.209	Radiated Emission	**PASS**

NOTE:

1. **N/A**: denotes test is not applicable in this Test Report

2.1 TEST FACILITY

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

Conducted emission Test:

C02: (VCCI RN: C-3477; FCC RN: 614388; FCC DN: TW1054)
1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

Radiated emission Test:

CB08: (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
C02	150 kHz ~ 30 MHz	2.59	

B. Radiated emission test:

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	Multi-functional T&A Terminal
Brand Name	unitech; TASHI
Model Name	MT700
OEM Brand/Model Name	N/A
Model Difference	N/A
Product Description	The EUT is a Multi-functional T&A Terminal. Operation Frequency: 125 kHz Antenna Designation: LOOP Antenna More details of EUT technical specification, please refer to the User's Manual.
Power Source	#1 DC Voltage supplied from External Power Supply. #2 Battery supplied.
Power Rating	#1 Sunny, SYS1319-2412-T3 I/P: AC 100-240V 1.0A MAX 50-60Hz / O/P: DC +12V 2.0A 24W MAX. #2 Li-ion Battery Pack: HUT-4010G 2600mAh
Connecting I/O Port(s)	Please refer to the User's Manual
Products Covered	1 * WLAN Module 1 * RFID Module: MP-702HID 1 * RFID Antenna (optional): (1) TC-680I-320-K (2) TC-650I-190-K 1 * Fingerprinter (optional)
EUT Modification(s)	N/A

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

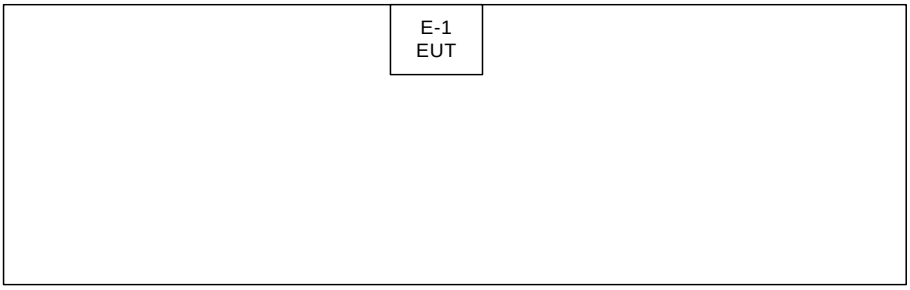
To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration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

Pretest Test Mode	Description
Mode 1	Transmitting (Antenna: TC-680I-320-K)
Mode 2	Transmitting (Antenna: TC-650I-190-K)

Conducted emission test	
Final Test Mode	Description
Mode 1	Transmitting (Antenna: TC-680I-320-K)
Mode 2	Transmitting (Antenna: TC-650I-190-K)

Radiated emission test	
Final Test Mode	Description
Mode 1	Transmitting (Antenna: TC-680I-320-K)
Mode 2	Transmitting (Antenna: TC-650I-190-K)

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
E-1	Multi-functional T&A Terminal	unitech; TASHI	MT700	HLEMT700NHF	N/A	EUT

Item	Shielded Type	Ferrite Core	Length	Note
N/A	-	-	-	-

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

4 CONDUCTED EMISSION

4.1 LIMITS

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

4.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	Schwarzbeck	NSLK 8127	8127685	Feb. 24, 2014
2	Test Cable	TIMES	CFD300-NL	C01	Jun. 16, 2014
3	EMI Test Receiver	Agilent	N9038A	MY51210215	Mar. 21, 2014
4	Measurement Software	EZ	EZ_EMC (Version NB-02A)	N/A	N/A

NOTE: **N/A**: denotes No Model Name, No Serial No. or No Calibration specified.

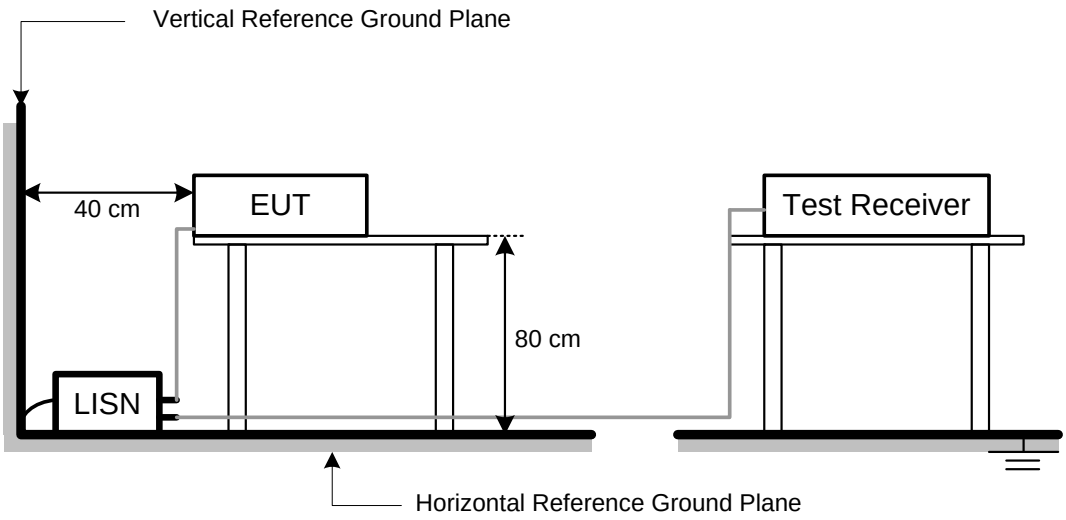
4.3 TEST PROCEDURES

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.

4.4 TEST SETUP LAYOUT



4.5 DEVIATION FROM TEST STANDARD

No deviation

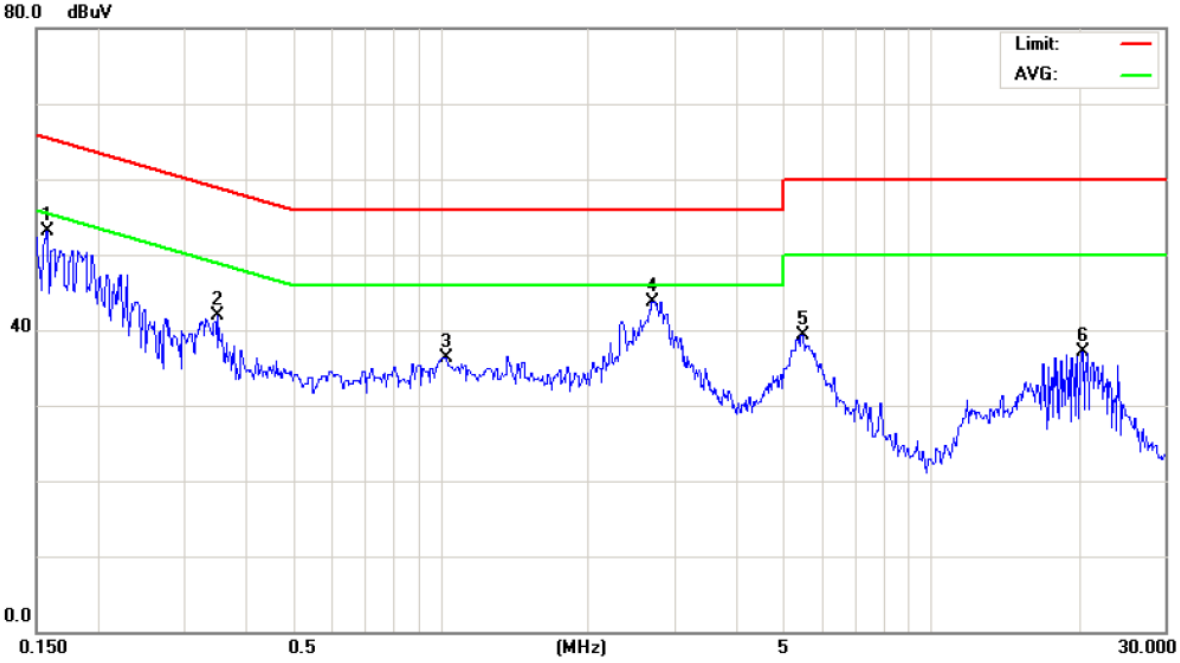
4.6 EUT OPERATING CONDITIONS

The EUT used during radiated and/or conducted emission measurement was designed to exercise in a manner similar to a typical use.

4.7 TEST RESULTS

EUT	Multi-functional T&A Terminal	Model Name	MT700
Temperature	24°C	Relative Humidity	46%
Test Voltage	AC 120V/60Hz		
Test Mode	Transmitting (Antenna: TC-680I-320-K)		

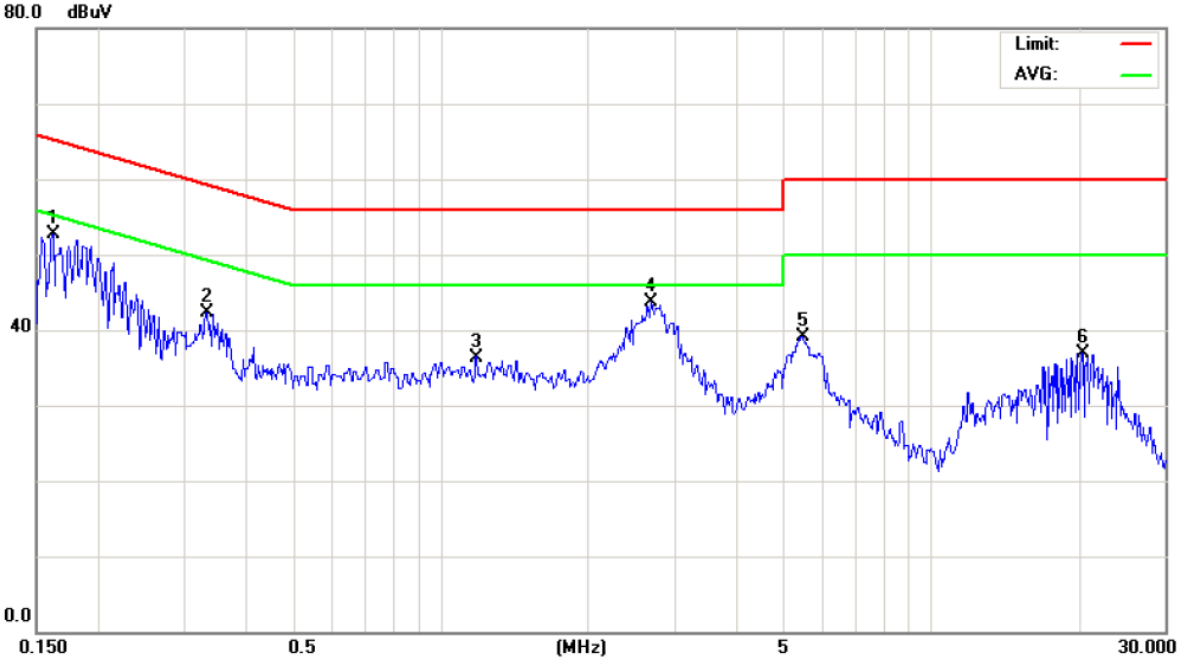
Phase: Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1576	44.23	8.80	53.03	65.59	-12.56	peak	
2		0.3515	34.12	7.80	41.92	58.93	-17.01	peak	
3		1.0220	26.65	9.68	36.33	56.00	-19.67	peak	
4	*	2.6959	34.38	9.38	43.76	56.00	-12.24	peak	
5		5.4500	29.80	9.50	39.30	60.00	-20.70	peak	
6		20.2999	27.63	9.54	37.17	60.00	-22.83	peak	

EUT	Multi-functional T&A Terminal	Model Name	MT700
Temperature	24°C	Relative Humidity	46%
Test Voltage	AC 120V/60Hz		
Test Mode	Transmitting (Antenna: TC-680I-320-K)		

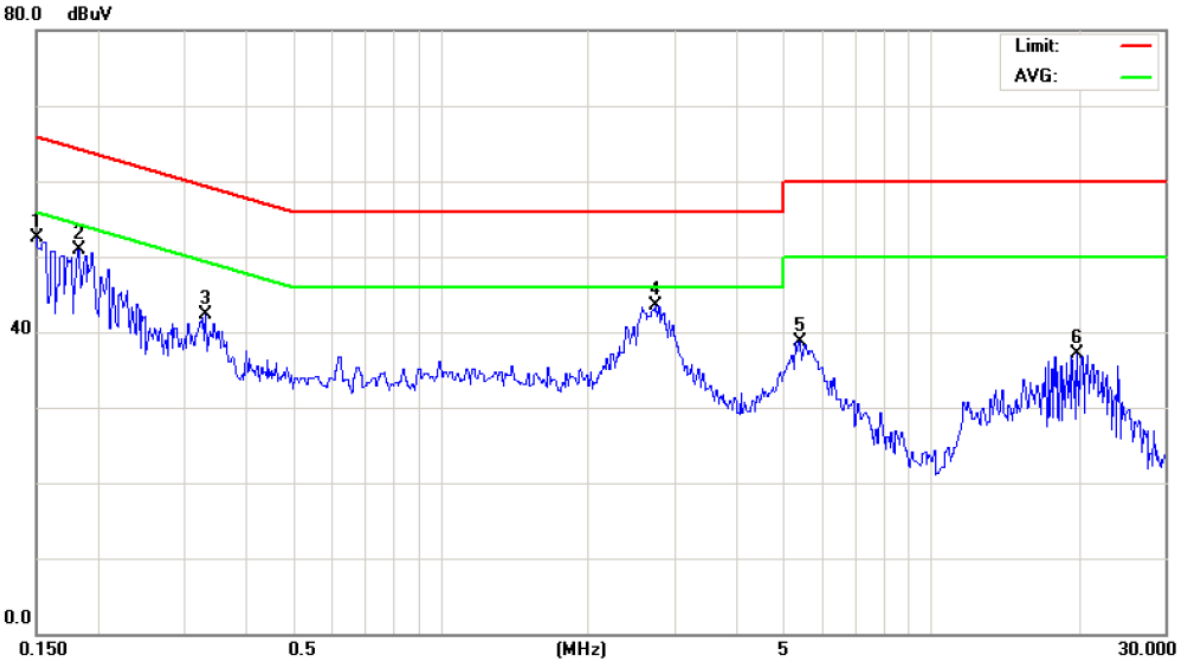
Phase: Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1618	43.65	9.11	52.76	65.37	-12.61	peak	
2		0.3326	34.58	7.81	42.39	59.39	-17.00	peak	
3		1.1839	26.78	9.62	36.40	56.00	-19.60	peak	
4	*	2.6779	34.24	9.37	43.61	56.00	-12.39	peak	
5		5.4500	29.53	9.50	39.03	60.00	-20.97	peak	
6		20.2999	27.33	9.56	36.89	60.00	-23.11	peak	

EUT	Multi-functional T&A Terminal	Model Name	MT700
Temperature	24°C	Relative Humidity	46%
Test Voltage	AC 120V/60Hz		
Test Mode	Transmitting (Antenna: TC-650I-190-K)		

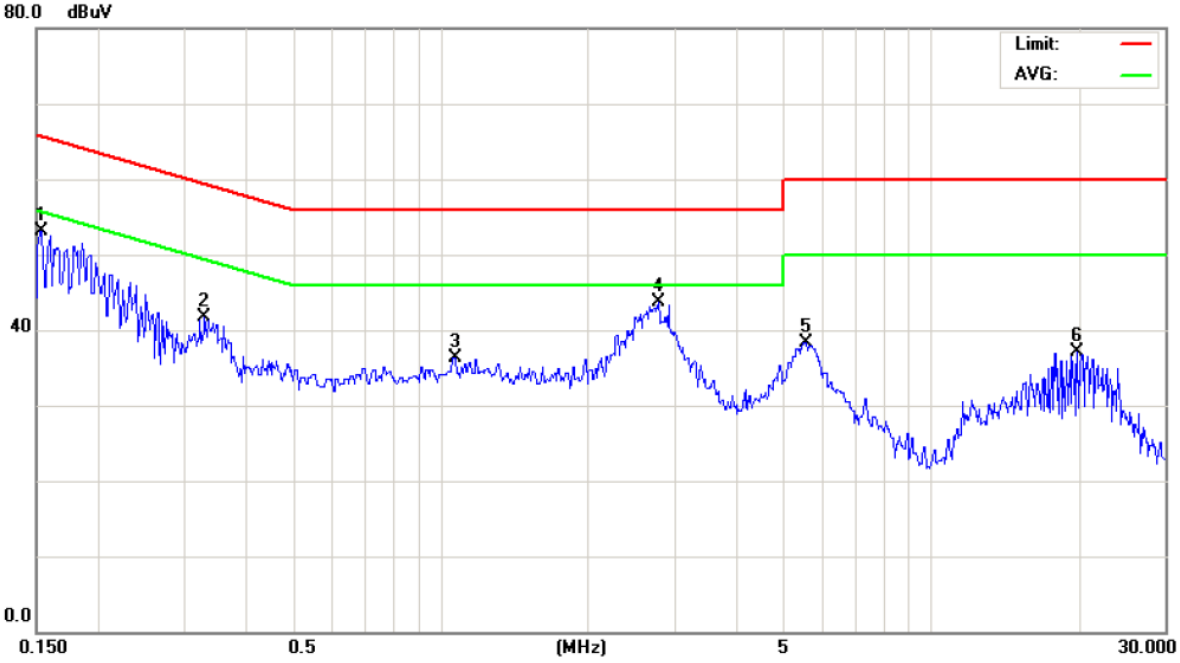
Phase: Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	43.91	8.68	52.59	66.00	-13.41	peak	
2		0.1828	41.63	9.22	50.85	64.36	-13.51	peak	
3		0.3319	34.50	7.81	42.31	59.40	-17.09	peak	
4	*	2.7319	34.21	9.38	43.59	56.00	-12.41	peak	
5		5.4000	29.25	9.50	38.75	60.00	-21.25	peak	
6		19.7999	27.65	9.54	37.19	60.00	-22.81	peak	

EUT	Multi-functional T&A Terminal	Model Name	MT700
Temperature	24°C	Relative Humidity	46%
Test Voltage	AC 120V/60Hz		
Test Mode	Transmitting (Antenna: TC-650I-190-K)		

Phase: Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1527	44.33	8.78	53.11	65.85	-12.74	peak	
2		0.3298	33.93	7.81	41.74	59.46	-17.72	peak	
3		1.0669	26.57	9.67	36.24	56.00	-19.76	peak	
4	*	2.7769	34.27	9.38	43.65	56.00	-12.35	peak	
5		5.5500	28.84	9.50	38.34	60.00	-21.66	peak	
6		19.7999	27.51	9.56	37.07	60.00	-22.93	peak	

5 RADIATED EMISSION

5.1 LIMITS

FCC Part 15.209				
Frequency (MHz)	Field Strength Limitation		Field Strength Limitation at 3m Measurement Dist	
	(uV/m)	Dist	(uV/m)	(dBuV/m)
0.009 – 0.490	2400 / F(KHz)	300m	10000 * 2400/F(KHz)	20log 2400/F(KHz) + 80
0.490 – 1.705	24000 / F(KHz)	30m	100 * 24000/F(KHz)	20log 24000/F(KHz) + 40
1.705 – 30.00	30	30m	100* 30	20log 30 + 40
30.0 – 88.0	100	3m	100	20log 100
88.0 – 216.0	150	3m	150	20log 150
216.0 – 960.0	200	3m	200	20log 200
Above 960.0	500	3m	500	20log 500

NOTE:

(1) The tighter limit shall apply at the boundary between two frequency range.

(2) Limitation expressed in dBuV/m is calculated by 20log Emission Level (uV/m).

(3) If measurement is made at 3m distance, then F.S Limitation at 3m distance is adjusted by using the formula of $L_{d1} = L_{d2} * (d_2/d_1)^2$.
Example:
F.S Limit at 30m distance is 30uV/m , then F.S Limitation at 3m distance is adjusted as $L_{d1} = L_1 =$ 30uV/m * $(10)^2$ = 100 * 30 uV/m

(4) 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

5.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP-30	100854	Sep. 08, 2014
2	Test Cable	LMR	LMR-400	12m	May. 14, 2014
3	Test Cable	LMR	LMR-400	3m	May. 14, 2014
4	Pre-Amplifier	Anritsu	MH648A	M92649	Jun. 18, 2014
5	Log-Bicon Antenna	Schwarzbeck	VULB9168-352	9168-352	Jun. 11, 2014
6	Preamplifier With Adaptor	EMC	EMC2654045	980030	Feb. 18, 2014
7	Horn Antenna	Schwarzbeck	BBHA 9170	187	Dec. 24, 2013
8	Loop Ant.	EMCO	6502	00042960	Sep. 29. 2014

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

5.3 TEST PROCEDURE

a. The measuring distance of at 3 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 3m or 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 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.
e. 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.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

NOTE:

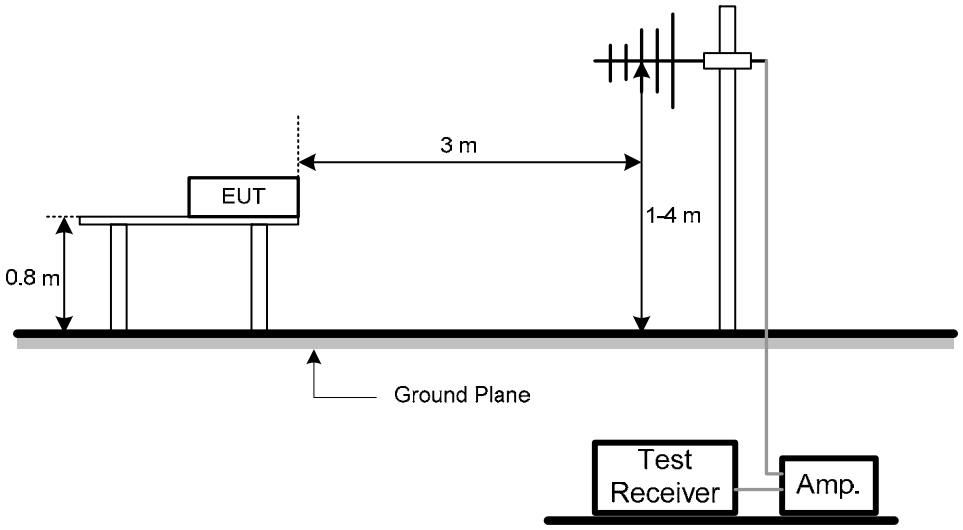
a. Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode with Detector BW=120 kHz.
b. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform.

5.4 DEVIATION FROM TEST STANDARD

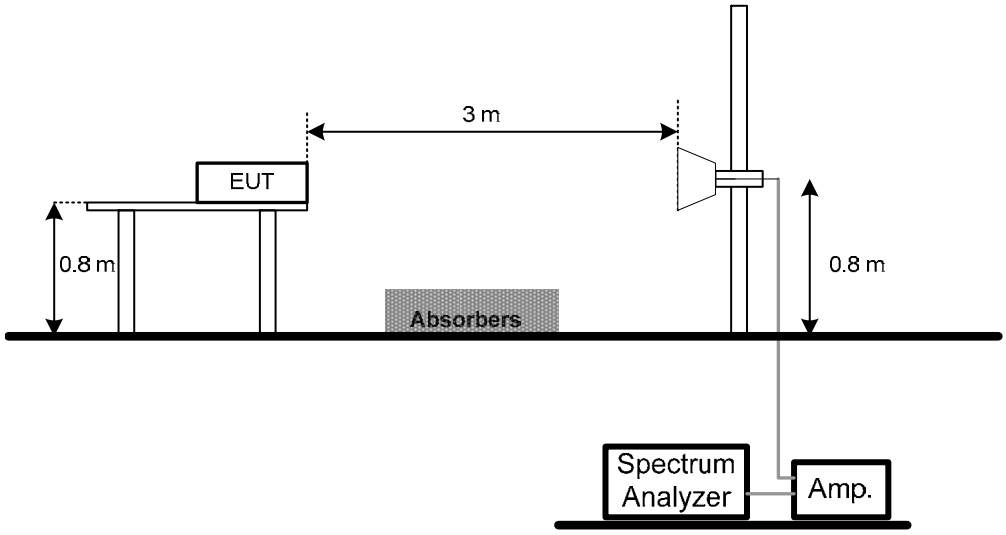
No deviation

5.5 TEST SETUP

Below 30 MHz



30 MHz to 1 GHz

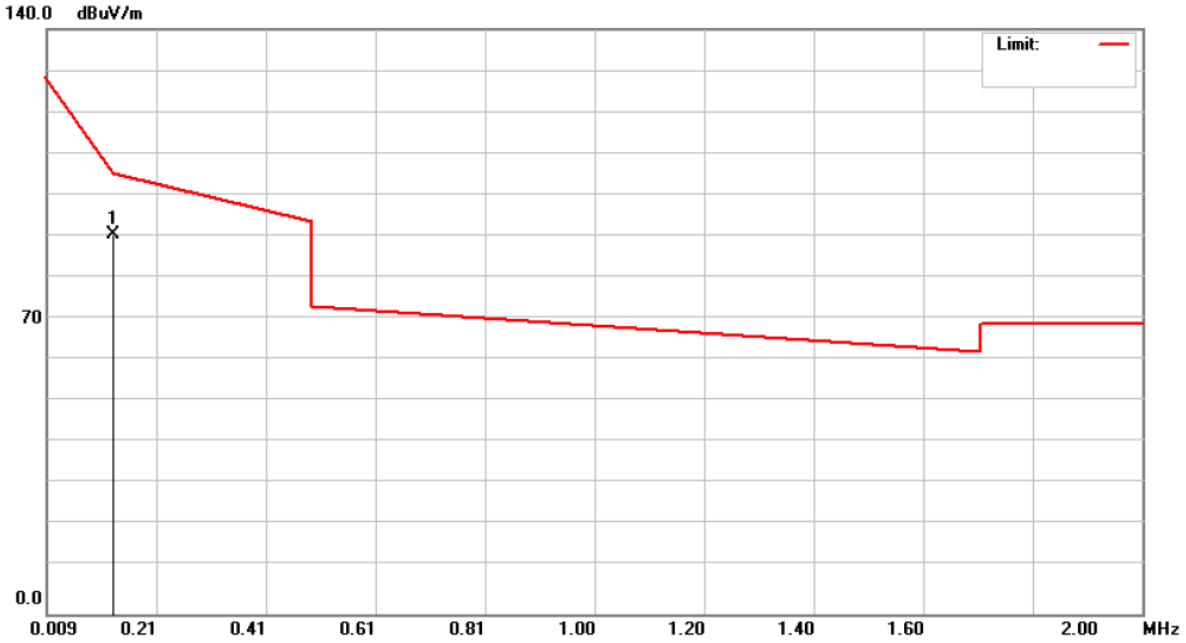


5.6 EUT OPERATING CONDITIONS

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.

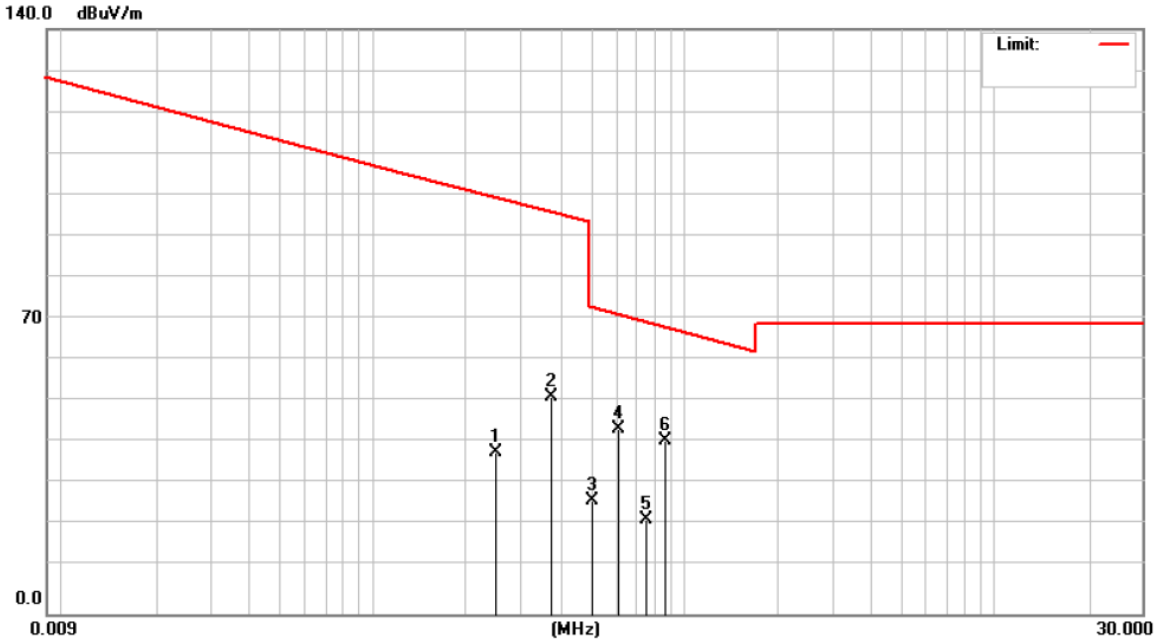
5.7 TEST RESULTS - BELOW 30 MHZ

EUT	Multi-functional T&A Terminal	Model Name	MT700
Temperature	26°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz		
Test Mode	Transmitting (Antenna: TC-680I-320-K)		



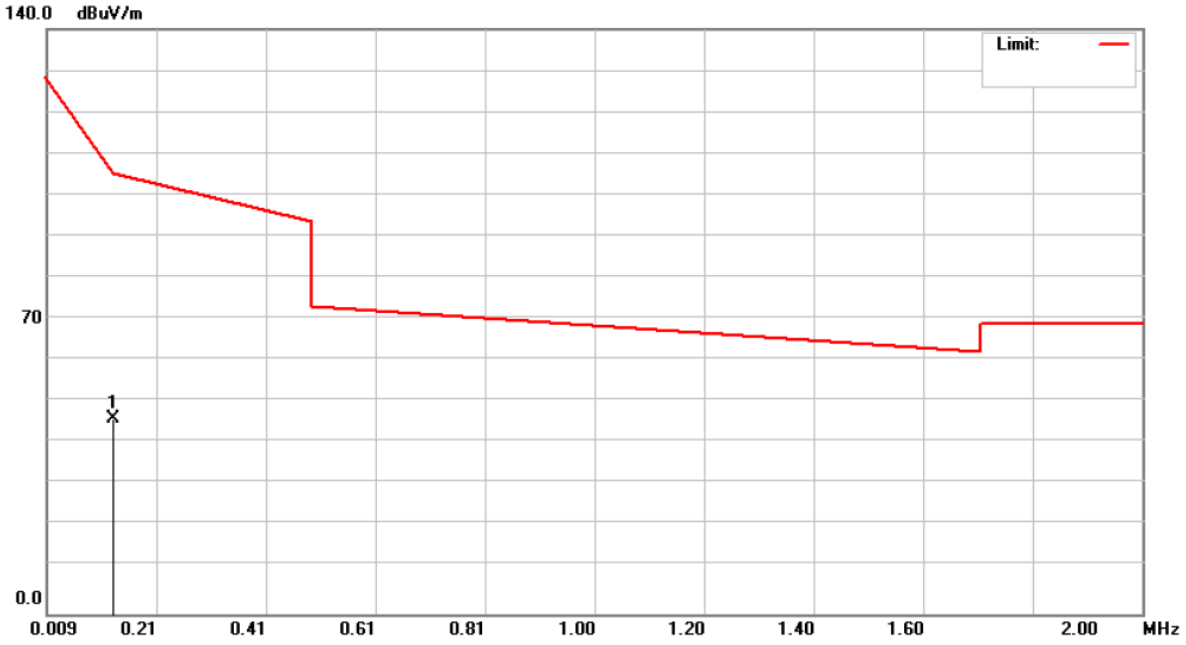
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.1251	78.67	12.31	90.98	105.6	-14.69	peak	

EUT	Multi-functional T&A Terminal	Model Name	MT700
Temperature	26°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz		
Test Mode	Transmitting (Antenna: TC-680I-320-K)		



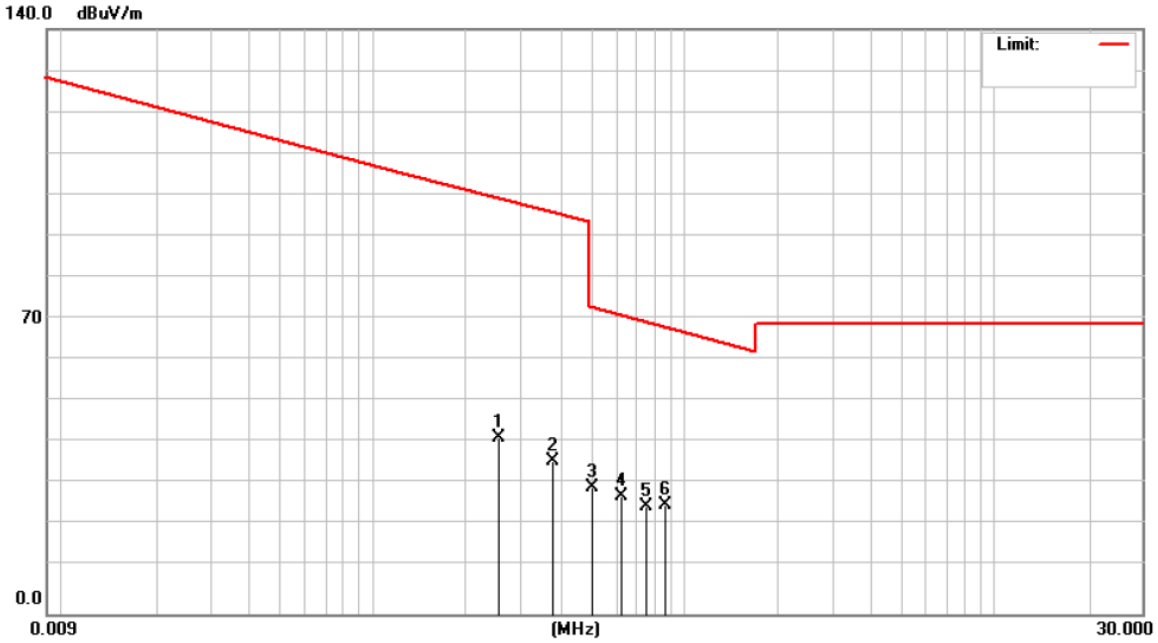
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2495	26.64	11.88	38.52	99.66	-61.14	peak	
2		0.3752	40.35	11.62	51.97	96.12	-44.15	peak	
3		0.5022	15.48	11.50	26.98	73.59	-46.61	peak	
4		0.6233	32.75	11.48	44.23	71.71	-27.48	peak	
5		0.7496	11.14	11.45	22.59	70.11	-47.52	peak	
6	*	0.8751	30.22	11.42	41.64	68.76	-27.12	peak	

EUT	Multi-functional T&A Terminal	Model Name	MT700
Temperature	26°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz		
Test Mode	Transmitting (Antenna: TC-650I-190-K)		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.1255	34.18	12.38	46.56	105.6	-59.09	peak	

EUT	Multi-functional T&A Terminal	Model Name	MT700
Temperature	26°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz		
Test Mode	Transmitting (Antenna: TC-650I-190-K)		

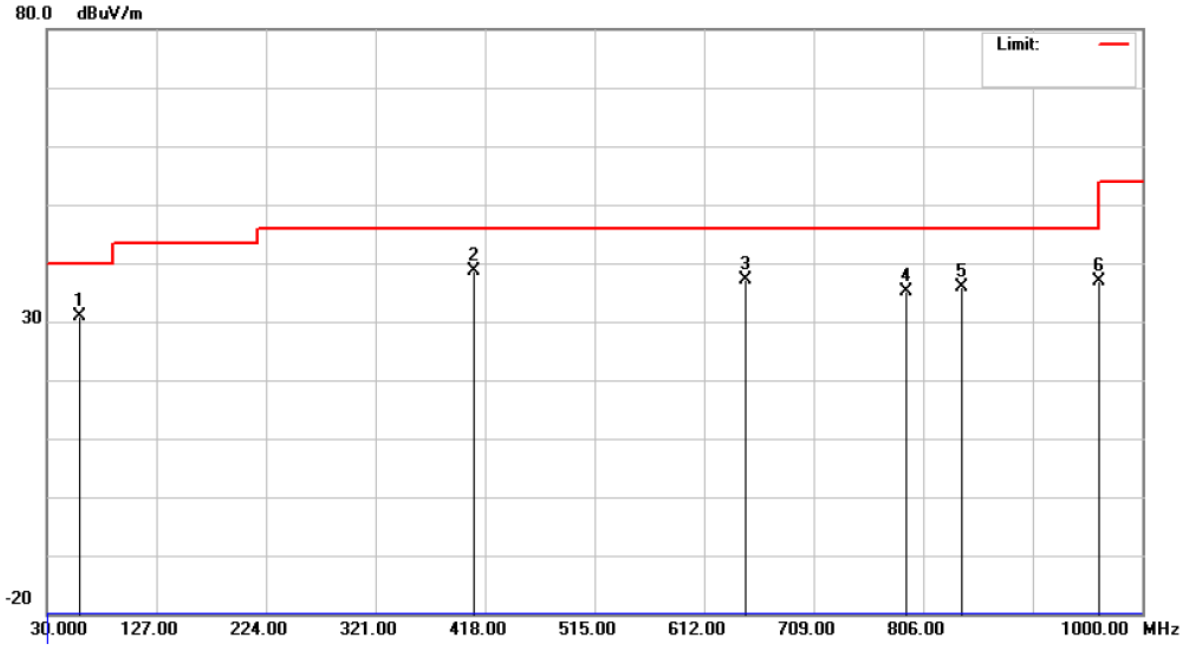


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2537	30.45	11.86	42.31	99.52	-57.21	peak	
2		0.3785	25.07	11.62	36.69	96.04	-59.35	peak	
3		0.5037	18.75	11.50	30.25	73.56	-43.31	peak	
4		0.6244	16.72	11.48	28.20	71.69	-43.49	peak	
5		0.7585	14.37	11.45	25.82	70.01	-44.19	peak	
6	*	0.8795	14.57	11.42	25.99	68.72	-42.73	peak	

5.8 TEST RESULTS - 30 MHZ TO 1 GHZ

EUT	Multi-functional T&A Terminal	Model Name	MT700
Temperature	26°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz		
Test Mode	Transmitting (Antenna: TC-680I-320-K)		

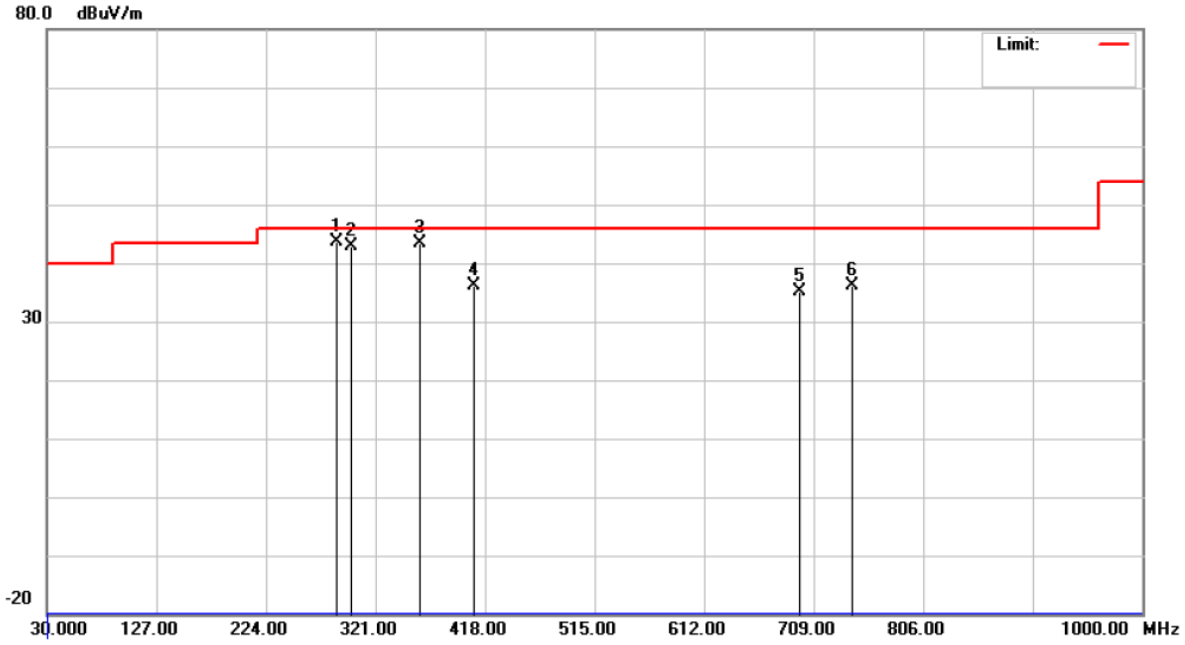
Polarization: Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		59.0998	45.61	-14.82	30.79	40.00	-9.21	peak	
2	*	408.2998	51.43	-12.74	38.69	46.00	-7.31	peak	
3		648.3750	46.34	-9.20	37.14	46.00	-8.86	peak	
4		791.4500	42.55	-7.31	35.24	46.00	-10.76	peak	
5		839.9500	42.54	-6.63	35.91	46.00	-10.09	peak	
6		961.2000	42.16	-5.35	36.81	54.00	-17.19	peak	

EUT	Multi-functional T&A Terminal	Model Name	MT700
Temperature	26°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz		
Test Mode	Transmitting (Antenna: TC-680I-320-K)		

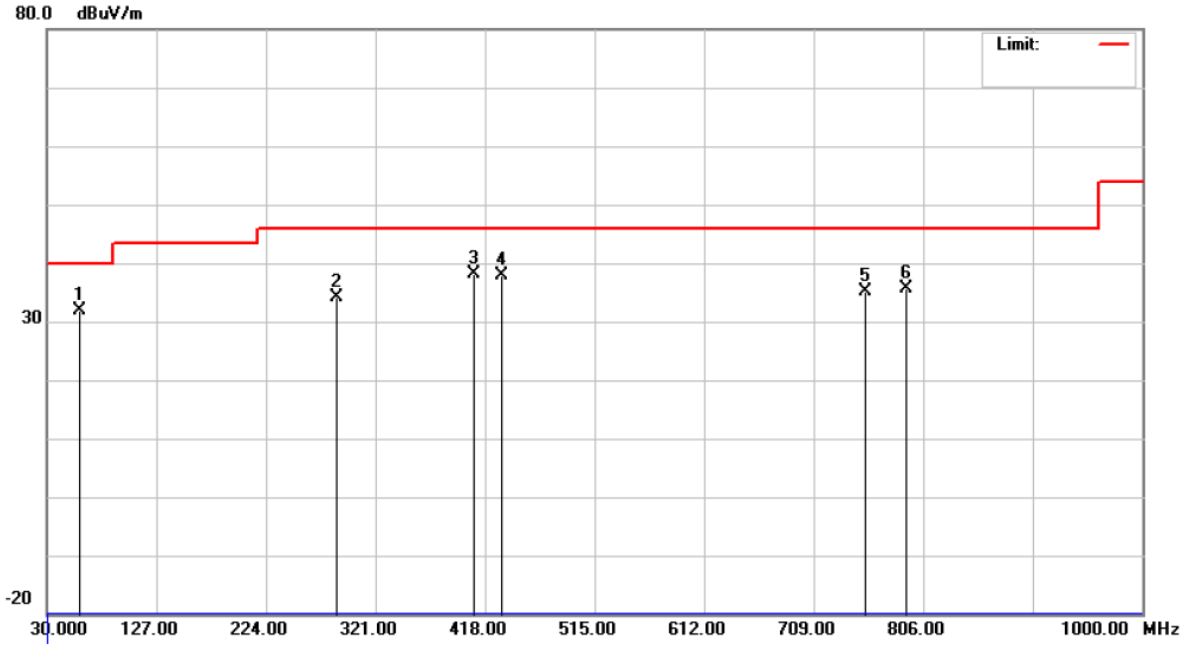
Polarization: Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	287.0498	59.30	-15.60	43.70	46.00	-2.30	peak	
2		299.1748	58.39	-15.39	43.00	46.00	-3.00	peak	
3		359.7998	57.51	-14.07	43.44	46.00	-2.56	peak	
4		408.2998	48.94	-12.74	36.20	46.00	-9.80	peak	
5		696.8750	43.72	-8.63	35.09	46.00	-10.91	peak	
6		742.9500	43.91	-7.74	36.17	46.00	-9.83	peak	

EUT	Multi-functional T&A Terminal	Model Name	MT700
Temperature	26°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz		
Test Mode	Transmitting (Antenna: TC-650I-190-K)		

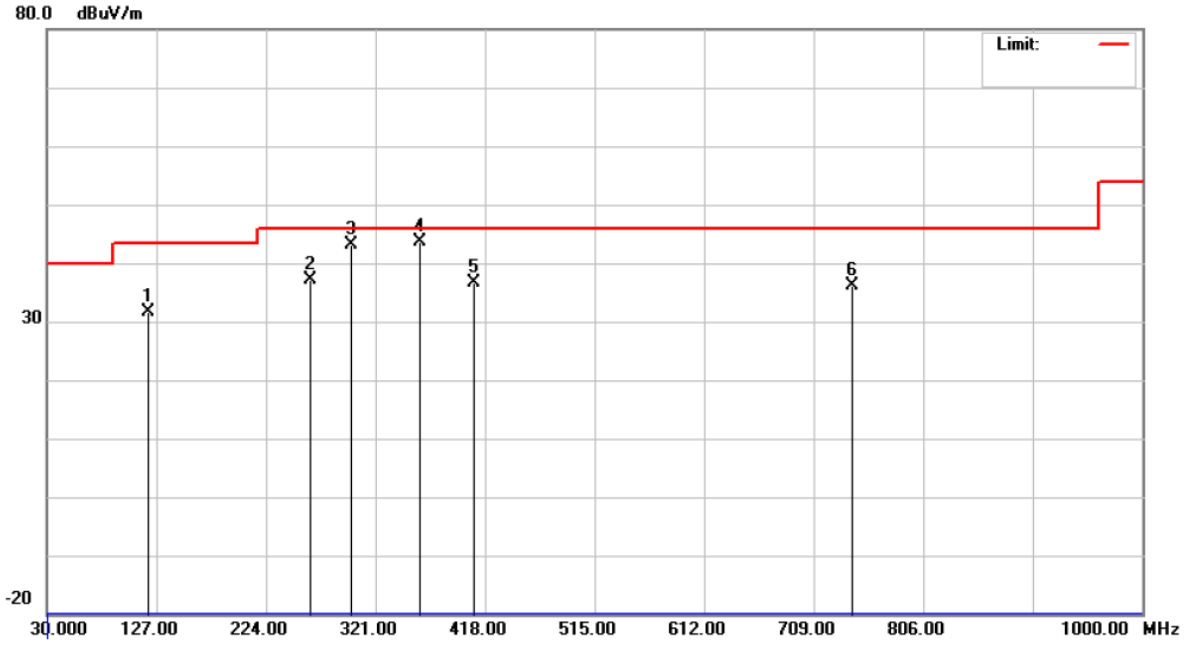
Polarization: Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		59.0998	46.76	-14.82	31.94	40.00	-8.06	peak	
2		287.0498	49.79	-15.60	34.19	46.00	-11.81	peak	
3	*	408.2998	50.91	-12.74	38.17	46.00	-7.83	peak	
4		432.5498	49.97	-12.12	37.85	46.00	-8.15	peak	
5		755.0750	42.69	-7.56	35.13	46.00	-10.87	peak	
6		791.4500	42.82	-7.31	35.51	46.00	-10.49	peak	

EUT	Multi-functional T&A Terminal	Model Name	MT700
Temperature	26°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz		
Test Mode	Transmitting (Antenna: TC-650I-190-K)		

Polarization: Horizontal

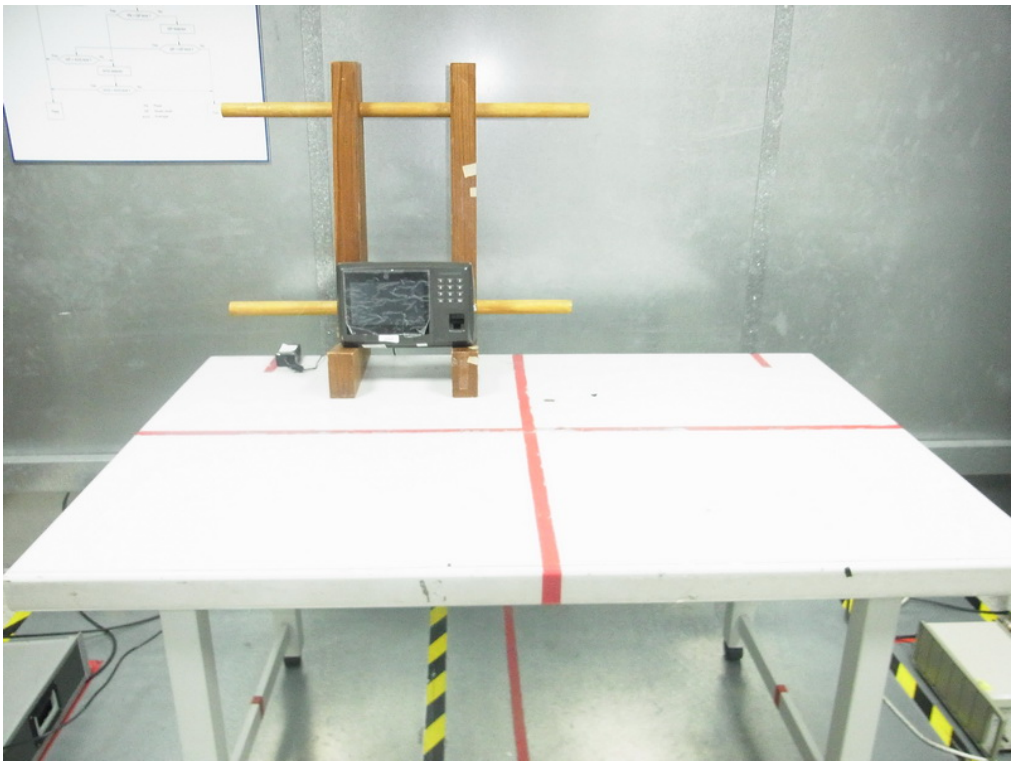


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		119.7248	49.35	-17.63	31.72	43.50	-11.78	peak	
2		262.7998	53.13	-16.00	37.13	46.00	-8.87	peak	
3		299.1748	58.45	-15.39	43.06	46.00	-2.94	peak	
4	*	359.7998	57.69	-14.07	43.62	46.00	-2.38	peak	
5		408.2998	49.25	-12.74	36.51	46.00	-9.49	peak	
6		742.9500	43.94	-7.74	36.20	46.00	-9.80	peak	

6 EUT TEST PHOTO

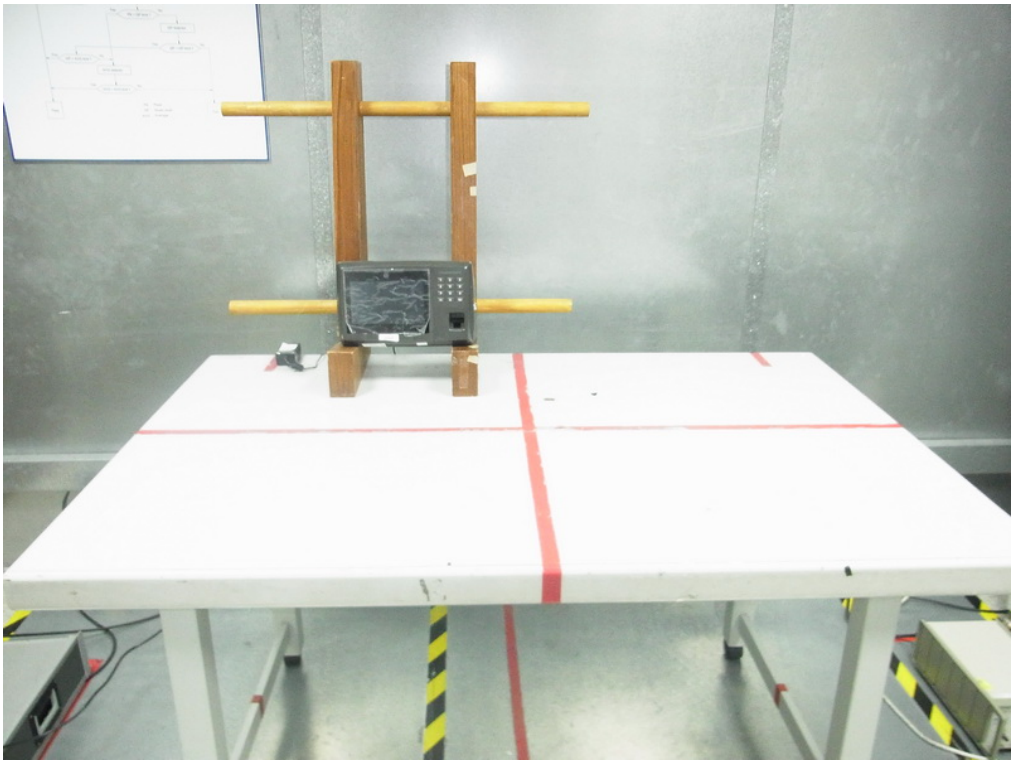
Conducted emission test photos

Transmitting (Antenna: TC-680I-320-K)



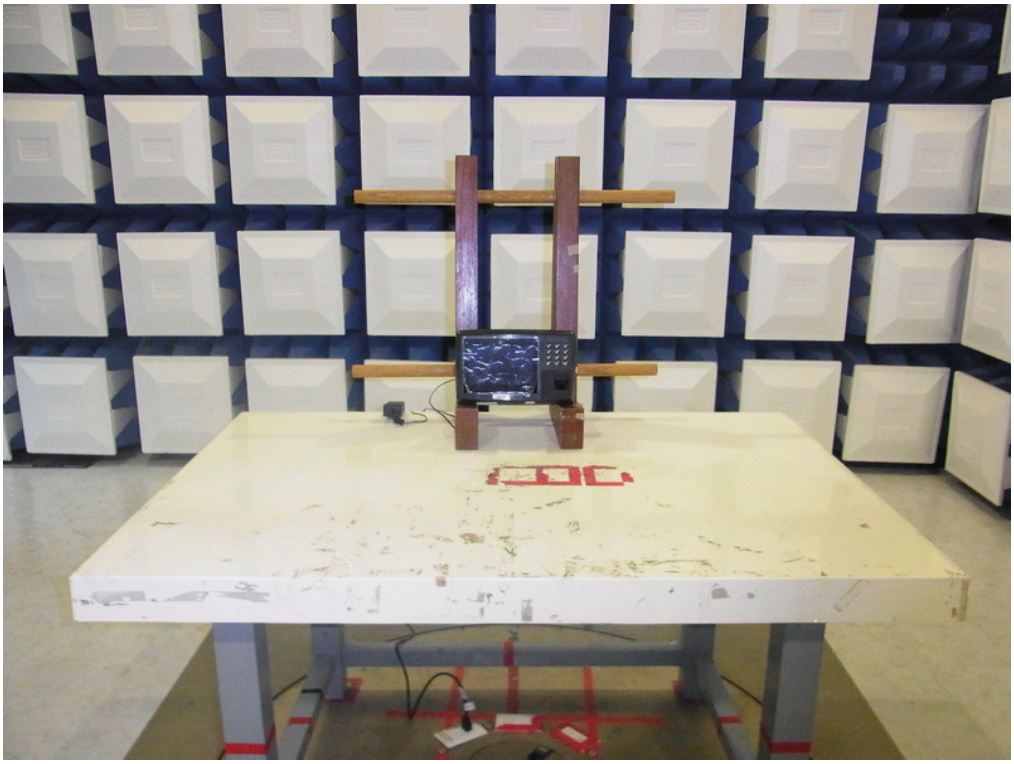
Conducted emission test photos

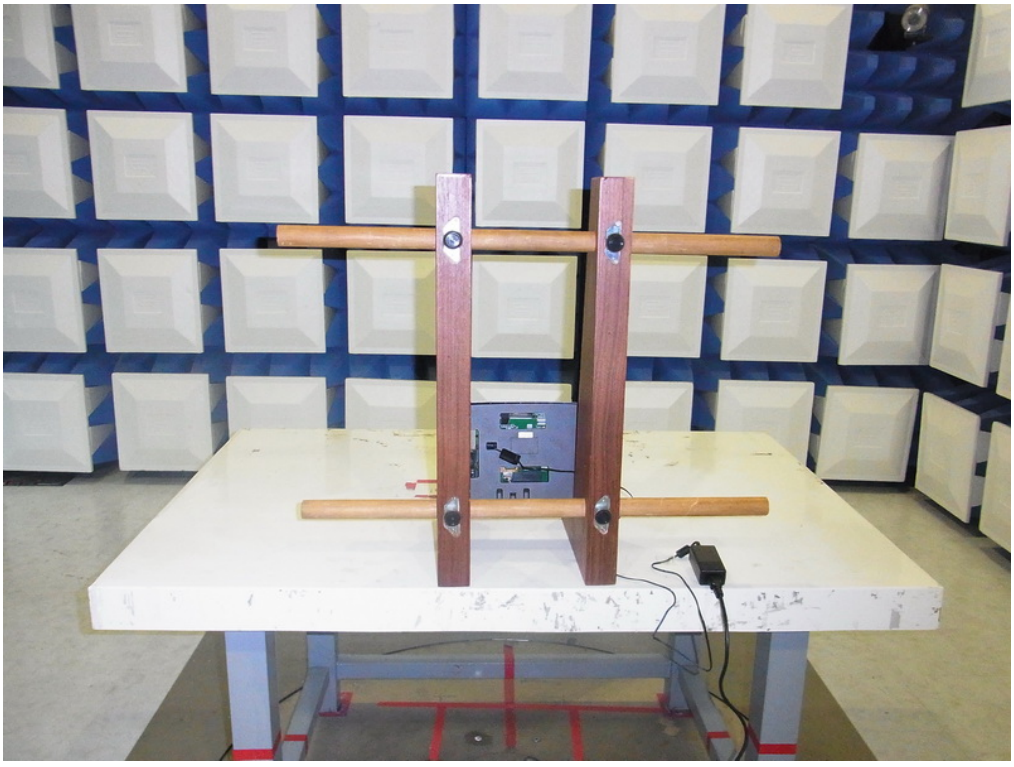
Transmitting (Antenna: TC-650I-190-K)



Radiated emission test photos

Transmitting (Antenna: TC-680I-320-K)





Radiated emission test photos

Transmitting (Antenna: TC-650I-190-K)