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Report No.: 1608RSU02008
Report Version: V01
Issue Date: 09-16-2016

MEASUREMENT REPORT

EN 301 489-1 & EN 301 489-17

Applicant: Compex Systems Pte Ltd

Address: No:9 Harrison Road, Harrison Industrial Building, #05-01,
Singapore 369651

Product: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER

Model No.: WLE200NX, WLE200NX-I

Brand Name: COMPEX

Standards: ETSI EN 301 489 - 1 V1.9.2 (2011-09)
ETSI EN 301 489 - 17 V2.2.1 (2012-09)

Result: Complies

Test Date: July 05 ~ Sep 16, 2016

Reviewed By : Robin Wu
(Robin Wu)

Approved By : Marlin Chen
(Marlin Chen)



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standards through the calibration of the equipment and evaluated measurement uncertainty herein.

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Revision History

Report No.	Version	Description	Issue Date	Note
1608RSU02008	Rev. 01	Initial report	09-16-2016	Valid

Test Summary

Clause	Test Item	Test Standard	Result (Pass/Fail)	Remark
Emission Measurements				
EN 301489-1 Clause 8.4	Conducted Emission	EN 55022	Pass	Not Requirement
EN 301489-1 Clause 8.2	Radiated Emission	EN 55022	Pass	
EN 301489-1 Clause 8.5	Harmonic current emissions	EN 61000-3-2	Pass	Not Requirement
EN 301489-1 Clause 8.6	Voltage fluctuations and flicker	EN 61000-3-3	Pass	Not Requirement
Immunity Measurements				
EN 301489-1 Clause 9.2	Radio-frequency electromagnetic field	EN 61000-4-3	Pass	
EN 301489-1 Clause 9.3	Electrostatic discharge	EN 61000-4-2	Pass	
EN 301489-1 Clause 9.4	Fast transients, common mode	EN 61000-4-4	Pass	Not Requirement
EN 301489-1 Clause 9.5	Radio-frequency common mode	EN 61000-4-6	Pass	Not Requirement
EN 301489-1 Clause 9.7	Voltage dips and interruptions	EN 61000-4-11	Pass	Not Requirement
EN 301489-1 Clause 9.8	Surges	EN 61000-4-5	Pass	Not Requirement

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1. General Information

1.1. Applicant

Compex Systems Pte Ltd.

No:9 Harrison Road, Harrison Industrial Building, #05-01, Singapore 369651

1.2. Manufacturer

Compex Systems Pte Ltd.

No:9 Harrison Road, Harrison Industrial Building, #05-01, Singapore 369651

1.3. Feature of Product

Product Name	WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER
Model No.	WLE200NX, WLE200NX-I
Brand Name	COMPEX

1.4. Testing Facility

Test Site	MRT Technology (Suzhou) Co., Ltd
Test Site Location	D8 Building, Youxin Industrial Park, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China

1.5. Standards Applicable for Testing

The EUT complies with the requirements of EN 301 489-1 V1.9.2 & EN 301 489-17 V2.2.1

EMI Test:

EN 55022 2010/AC: 2011 (Radiated Emission)

EMS Test:

EN 61000-4-2: 2009 (ESD)

EN 61000-4-3: 2006+A1:2008+A2:2010 (RS)

1.6. Performance Criteria

General Requirements (ETSI EN 301489-1):

The performance criteria are used to take a decision on whether radio equipment passes or fails immunity tests.

For the purpose of the present document four categories of performance criteria apply:

- performance criteria for continuous phenomena applied to transmitters;
- performance criteria for transient phenomena applied to transmitters;
- performance criteria for continuous phenomena applied to receivers;
- performance criteria for transient phenomena applied to receivers.

Normally, the performance criteria depend on the type of radio equipment. Thus, the present document only contains general performance criteria commonly used for the assessment of radio equipment. More specific and product-related performance criteria for a dedicated type of radio equipment may be found in the part of EN 301 489 series dealing with the particular type of radio equipment.

Performance criteria for continuous phenomena applied to transmitters and receivers

If no further details are given in the relevant part of EN 301 489 series dealing with the particular type of radio equipment, the following general performance criteria for continuous phenomena shall apply.

During and after the test, the apparatus shall continue to operate as intended. No degradation of performance or loss of function is allowed a permissible performance level specified by the manufacturer when the apparatus is used as intended. In some cases this permissible performance level may be replaced by a permissible loss of performance.

During the test the EUT shall not unintentionally transmit or change its actual operating state and stored data.

If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be deduced from the product description and documentation and what the user may reasonably expect from the apparatus if used as intended.

Performance criteria for transient phenomena applied to transmitters and receivers

If no further details are given in the relevant part of EN 301 489 series dealing with the particular type of radio equipment, the following general performance criteria for transient phenomena shall apply.

After the test, the apparatus shall continue to operate as intended. No degradation of performance or loss of function is allowed below a permissible performance level specified by the manufacturer, when the apparatus is used as intended. In some cases this permissible performance level may be replaced by a permissible loss of performance.

During the EMC exposure to an electromagnetic phenomenon, a degradation of performance is, however, allowed. No change of the actual mode of operation (e.g. unintended transmission) or stored data is allowed.

If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be deduced from the product description and documentation and what the user may reasonably expect from the apparatus if used as intended.

Performance criteria for equipment which does not provide a continuous communication link

For radio equipment which does not provide a continuous communication link, the performance criteria described in clauses (1) and (2) are not appropriate, then the manufacturer shall declare, for inclusion in the test report, his own specification for an acceptable level of performance or degradation of performance during and/or after the immunity tests. The performance specification shall be included in the product description and documentation. The related specifications set out in clause 5.3 of EN 301 489-1 V1.9.2 (2010-09) have also to be taken into account.

The performance criteria specified by the manufacturer shall give the same degree of immunity protection as called for in clauses (1) and (2).

Performance criteria for ancillary equipment tested on a stand-alone basis

If ancillary equipment is intended to be tested on a stand-alone basis, the performance criteria described in clauses (1) and (2) are not appropriate, then the manufacturer shall declare, for inclusion in the test report, his own specification for an acceptable level of performance or degradation of performance during and/or after the immunity tests. The performance specification shall be included in the product description and documentation. The related specifications set out in clause 5.3 of EN 301 489-1 V1.9.2 (2010-09) have also to be taken into account.

The performance criteria specified by the manufacturer shall give the same degree of immunity protection as called for in clauses (1) and (2).

Special Performance Requirements (ETSI EN 301489-17):

The performance criteria are:

- performance criteria A for immunity tests with phenomena of a continuous nature;
- performance criteria B for immunity tests with phenomena of a transient nature;
- performance criteria C for immunity tests with power interruptions exceeding a certain time.

The equipment shall meet the minimum performance criteria as specified in the following clauses.

Performance criteria for Continuous phenomena applied to Transmitters (CT)

The performance criteria A shall apply.

Tests shall be repeated with the EUT in standby mode (if applicable) to ensure that unintentional transmission does not occur. In systems using acknowledgement signals, it is recognized that an ACKnowledgement (ACK) or Not ACKnowledgement (NACK) transmission may occur, and steps should be taken to ensure that any transmission resulting from the application of the test is correctly interpreted.

Performance criteria for Transient phenomena applied to Transmitters (TT)

The performance criteria B shall apply, except for voltage dips of 100 ms and voltage interruptions of 5000 ms duration, for which performance criteria C shall apply.

Tests shall be repeated with the EUT in standby mode (if applicable) to ensure that unintentional transmission does not occur. In systems using acknowledgement signals, it is recognized that an acknowledgement (ACK) or not-acknowledgement (NACK) transmission may occur, and steps should be taken to ensure that any transmission resulting from the application of the test is correctly interpreted.

Performance criteria for Continuous phenomena applied to Receivers (CR)

The performance criteria A shall apply.

Where the EUT is a transceiver, under no circumstances, shall the transmitter operate unintentionally during the test. In systems using acknowledgement signals, it is recognized that an ACK or NACK transmission may occur, and steps should be taken to ensure that any transmission resulting from the application of the test is correctly interpreted.

Performance criteria for Transient phenomena applied to Receivers (TR)

The performance criteria B shall apply, except for voltage dips of 100 ms and voltage interruptions of 5000 ms duration for which performance criteria C shall apply.

Where the EUT is a transceiver, under no circumstances, shall the transmitter operate unintentionally during the test. In systems using acknowledgement signals, it is recognized that an ACK or NACK transmission may occur, and steps should be taken to ensure that any transmission resulting from the application of the test is correctly interpreted.

EN 301 489 -17 Performance criteria		
Criteria	During Test	After test
A	Shall operate as intended May show degradation of performance (see note 1) Shall be no loss of function Shall be no unintentional transmissions	Shall operate as intended Shall be no degradation of performance (see note 2) Shall be no loss of function Shall be no loss of stored data or user programmable functions
B	May show loss of function (one or more) May show degradation of performance (see note 1) No unintentional transmission	Functions shall be self-recoverable Shall operate as intended after recovering Shall be no degradation of performance (see note 2) Shall be no loss of stored data or user programmable functions
C	May be loss of function (one or more)	Functions shall be recoverable by the operator Shall operate as intended after recovering Shall be no degradation of performance (see note 2)

Note 1: Degradation of performance during the test is understood as a degradation to a level not below a minimum performance level specified by the manufacturer for the use of the apparatus as intended. In some cases the specified minimum performance level may be replaced by a permissible degradation of performance.

If the minimum performance level or the permissible performance degradation is not specified by the manufacturer then either of these may be derived from the product description and documentation (including leaflets and advertising) and what the user may reasonably expect from the apparatus if used as intended.

Note 2: No degradation of performance after the test is understood as no degradation below a minimum performance level specified by the manufacturer for the use of the apparatus as intended. In some cases the specified minimum performance level may be replaced by a permissible degradation of performance. After the test no change of actual operating data or user retrievable data is allowed.

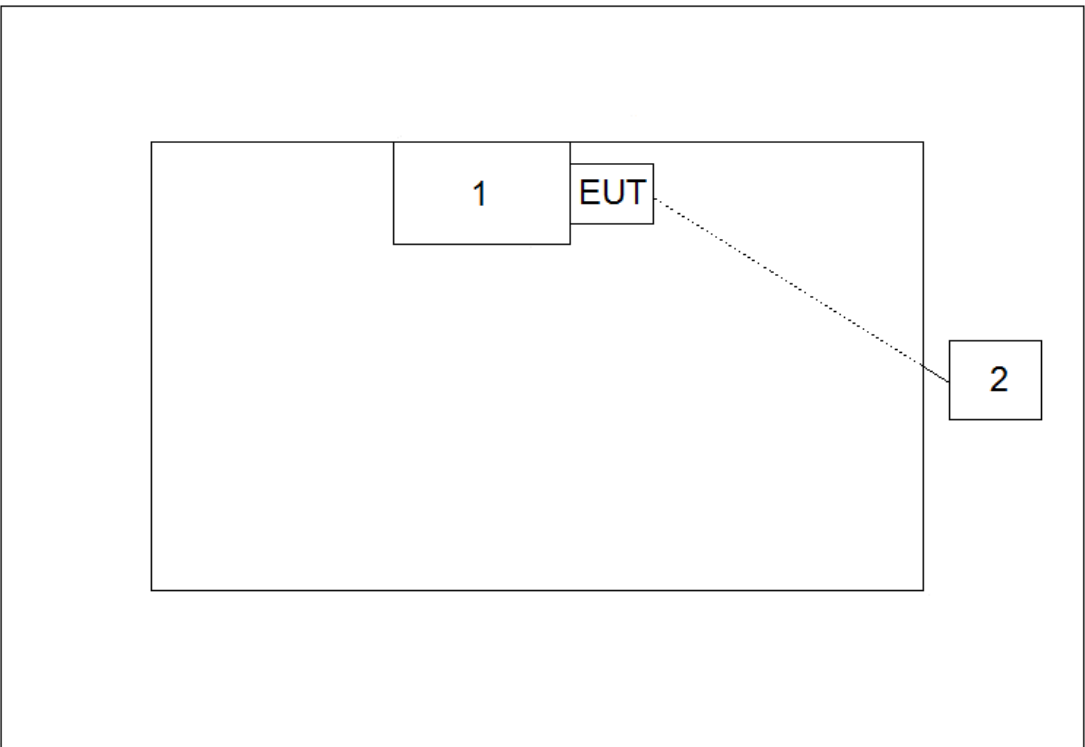
If the minimum performance level or the permissible performance degradation is not specified by the manufacturer then either of these may be derived from the product description and documentation (including leaflets and advertising) and what the user may reasonably expect from the apparatus if used as intended.

2. Test Configuration of Equipment under Test

2.1. Test Mode

Final Test Mode	
EMI Mode	Mode 1: Normal Operation
EMS Mode	Mode 1: Normal Operation

2.2. Configuration of Tested System

Connection Diagram		
		
Signal Cable Type		Signal cable Description
N/A	N/A	N/A

2.3. Test System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product	Manufacturer	Model No.	Serial No.	Power Cord
1 Notebook	Lenovo	E430c	N/A	Non-Shielded, 1.8m
2 Notebook	Lenovo	E430c	N/A	Non-Shielded, 1.8m

3. Radiated Emission

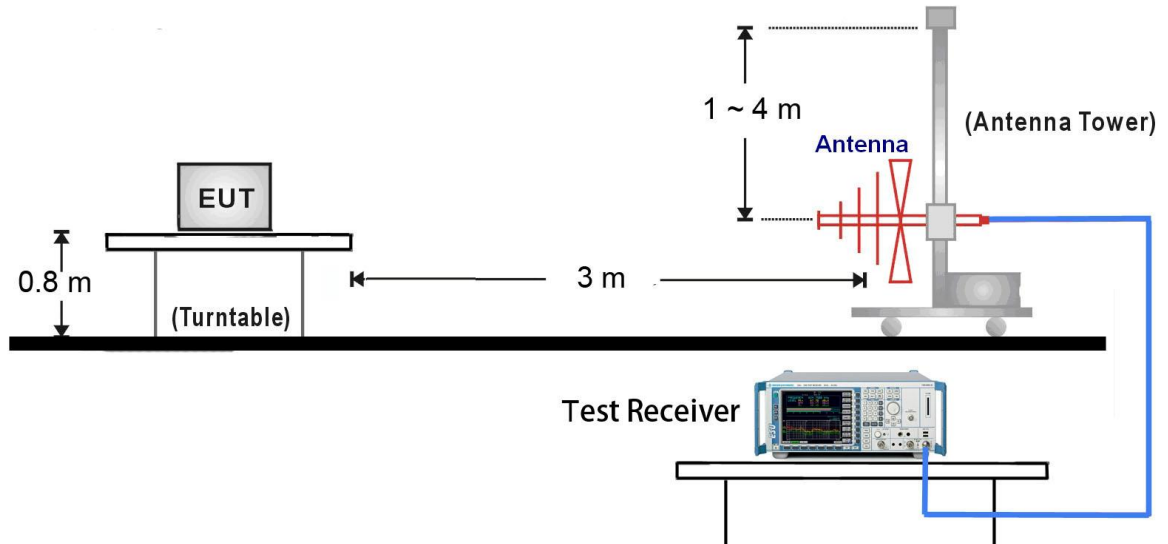
3.1. Limit of Radiated Emission

Frequency range MHz	Quasi-peak limits dB(μ V/m)
30 to 230	40
230 to 1000	47
Note 1: The lower limit shall apply at the transition frequency.	
Note 2: Additional provisions may be required for cases where interference occurs.	

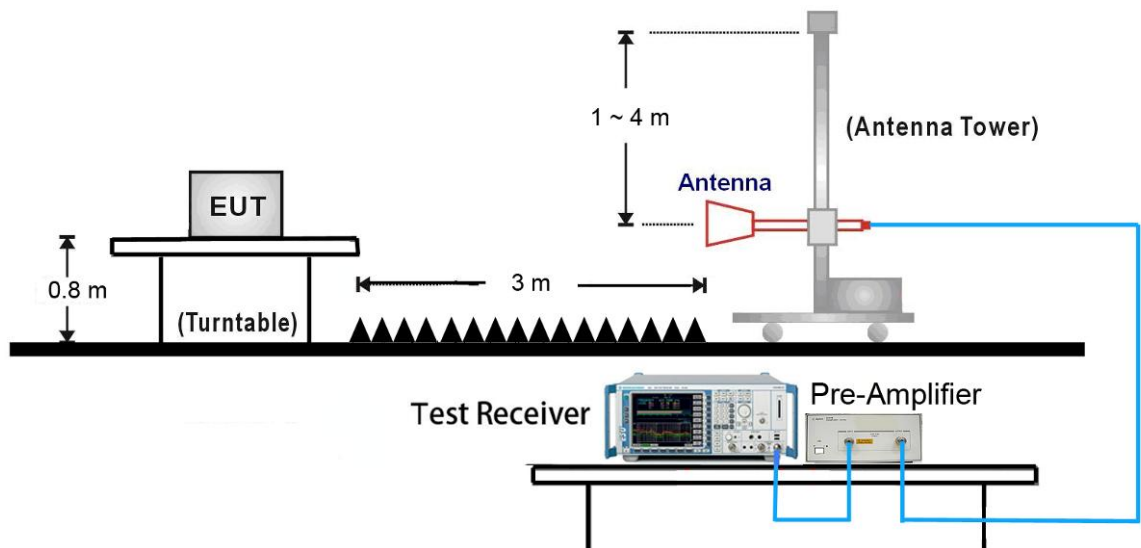
Frequency range GHz	Average limit dB(μ V/m)	Peak limit dB(μ V/m)
1 to 3	50	70
3 to 6	54	74
Note: The lower limit applies at the transition frequency.		

3.2. Test Setup

<Radiated Emissions Frequency: 30 MHz to 1000 MHz>



<Radiated Emissions Frequency: 1000 MHz to 6000 MHz>



3.3. Test Procedure

Starting with the front of the receiver under test facing the measuring antenna, the measuring antenna is adjusted for horizontal polarization measurement and its height varied between 1 m and 4 m until the maximum reading is obtained.

The receiver under test is then rotated about its centre until the maximum meter reading is obtained, after which the measuring antenna height is again varied between 1 m and 4 m and the maximum reading noted.

The procedure is repeated for vertical polarization of the measuring antenna.

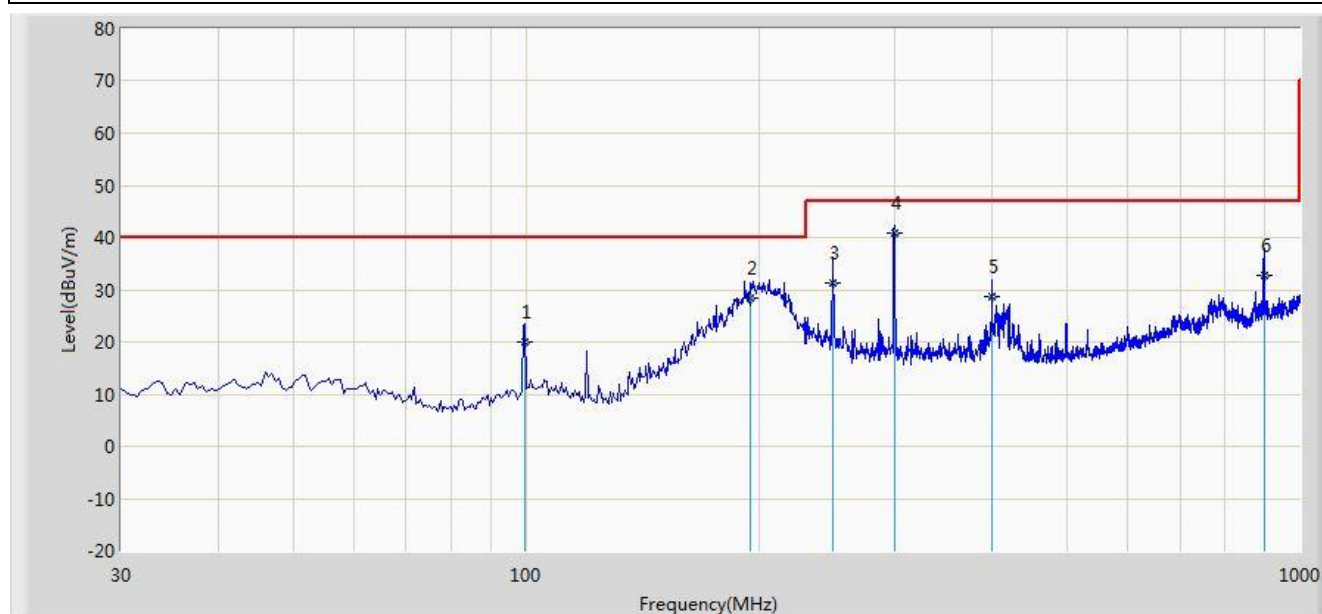
The highest value found, following this procedure, is defined as the radiation figure of the receiver.

If at certain frequencies the ambient signal field strength is high at the position of the receiving antenna, one of the following methods may be used to show compliance of the equipment under test.

- a) For small frequency bands with high ambient signals, the disturbance value may be interpolated from the adjacent values. The interpolated value shall lie on the curve describing a continuous function of the disturbance values adjacent to the ambient noise.
- b) Another possibility is to use the method described in annex C of CISPR 11.

3.4. Test Result

Site: AC2	Time: 2016/07/15 - 18:39
Limit: EN55022_RE(3m)_Class B	Engineer: Lewis Huang
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: Powered by PC
Note: Mode 1	

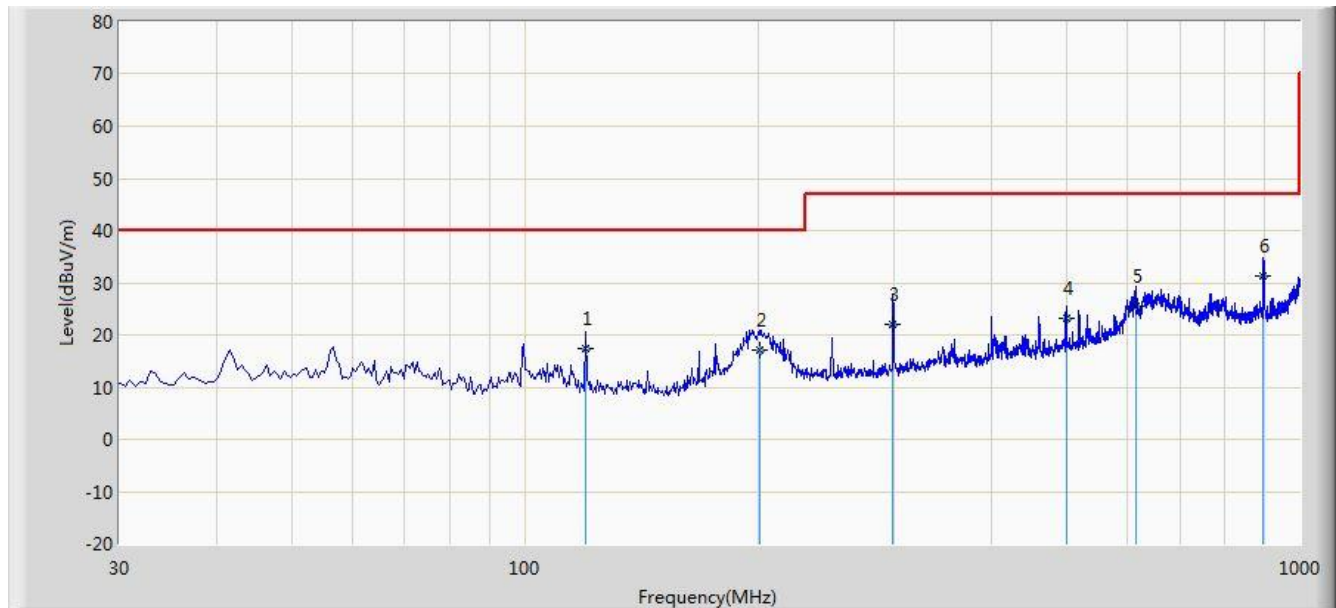


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			99.840	20.100	7.140	-19.900	40.000	12.960	QP
2			194.900	28.467	16.380	-11.533	40.000	12.087	QP
3			249.705	31.363	17.680	-15.637	47.000	13.684	QP
4		*	299.785	40.970	26.400	-6.030	47.000	14.570	QP
5			400.055	28.805	12.050	-18.195	47.000	16.755	QP
6			899.605	32.831	8.687	-14.169	47.000	24.144	QP

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC2	Time: 2016/07/15 - 18:41
Limit: EN55022_RE(3m)_Class B	Engineer: Lewis Huang
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: Powered by PC
Note: Mode 1	

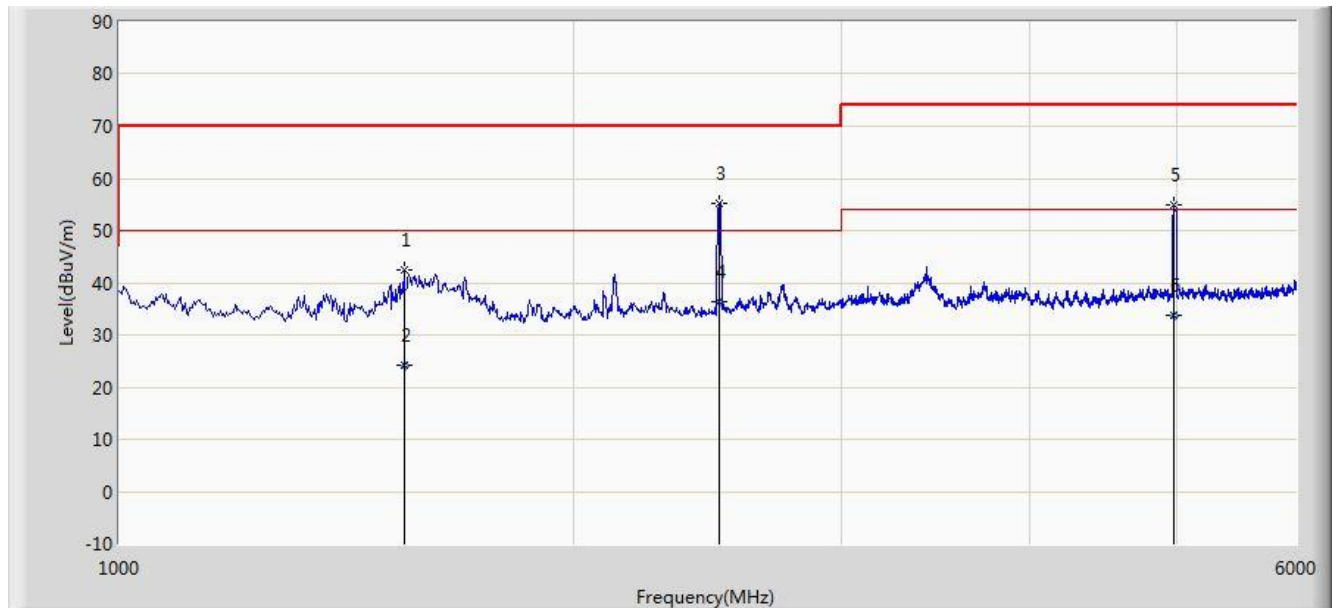


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			119.725	17.506	6.180	-22.494	40.000	11.326	QP
2			201.205	17.057	4.760	-22.943	40.000	12.297	QP
3			298.690	22.035	7.490	-24.965	47.000	14.545	QP
4			499.480	23.062	4.740	-23.938	47.000	18.321	QP
5			613.455	25.537	5.280	-21.463	47.000	20.258	QP
6		*	896.210	31.273	7.160	-15.727	47.000	24.114	QP

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC2	Time: 2016/07/15 - 15:19
Limit: EN55022_RE(3m)_Class B	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: Powered by PC
Note: Mode 1	

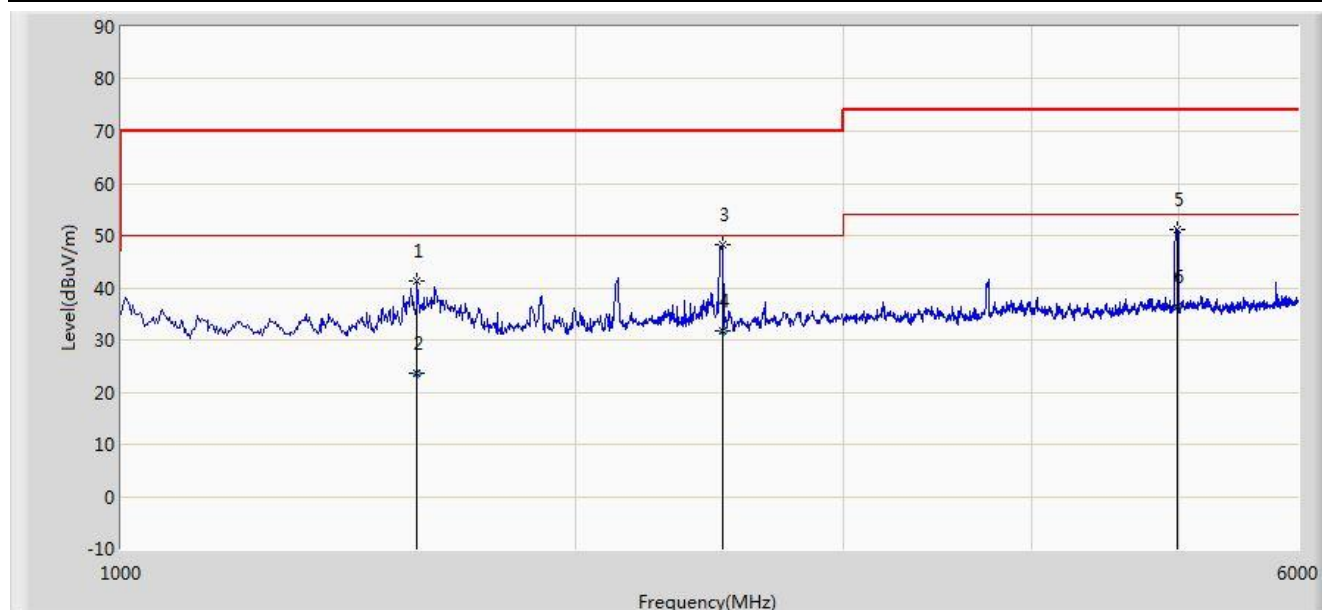


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1542.500	42.491	48.527	-27.509	70.000	-6.036	PK
2			1542.500	24.204	30.240	-25.796	50.000	-6.036	AV
3			2495.000	55.073	58.111	-14.927	70.000	-3.038	PK
4		*	2495.000	36.362	39.400	-13.638	50.000	-3.038	AV
5			4977.500	55.006	52.323	-18.994	74.000	2.683	PK
6			4977.500	33.883	31.200	-20.117	54.000	2.683	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB).

Site: AC2	Time: 2016/07/15 - 15:24
Limit: EN55022_RE(3m)_Class B	Engineer: Lewis Huang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: Powered by PC
Note: Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1570.000	41.230	47.218	-28.770	70.000	-5.988	PK
2			1570.000	23.692	29.680	-26.308	50.000	-5.988	AV
3			2497.500	48.252	51.314	-21.748	70.000	-3.061	PK
4			2497.500	31.628	34.690	-18.372	50.000	-3.061	AV
5			4992.500	51.115	48.468	-22.885	74.000	2.647	PK
6		*	4992.500	36.257	33.610	-17.743	54.000	2.647	AV

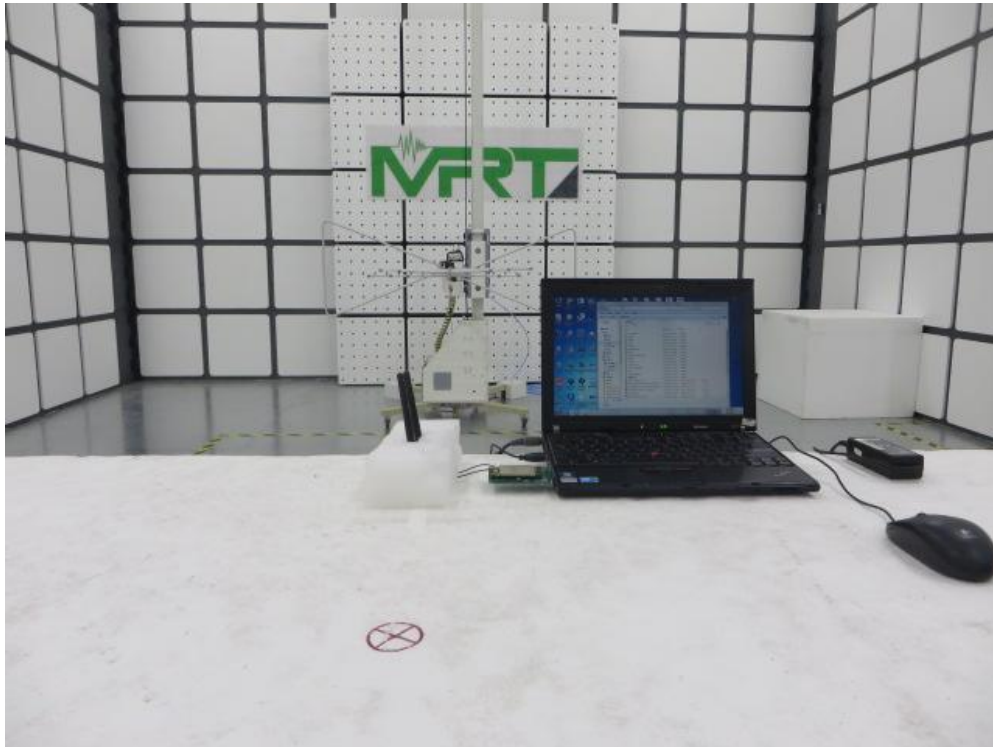
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre_Amplifier Gain (dB).

3.5. Test Photograph

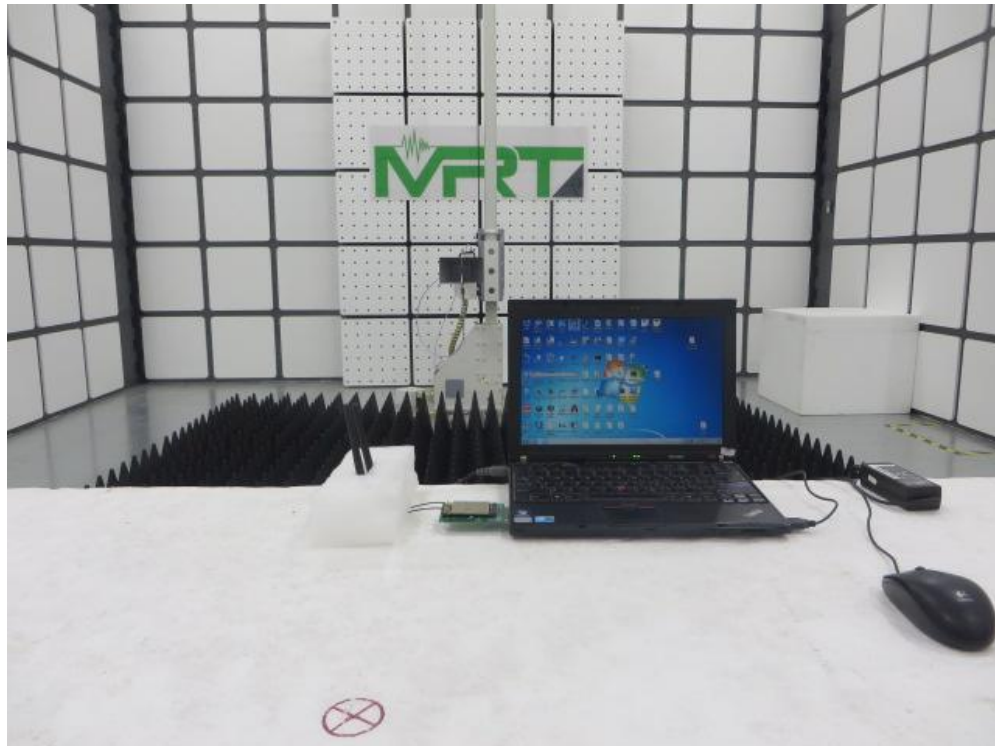
Test Mode: Mode 1

Description: Radiated Emission Test Setup (30MHz ~ 1GHz)



Test Mode: Mode 1

Description: Radiated Emission Test Setup (1GHz ~ 6GHz)

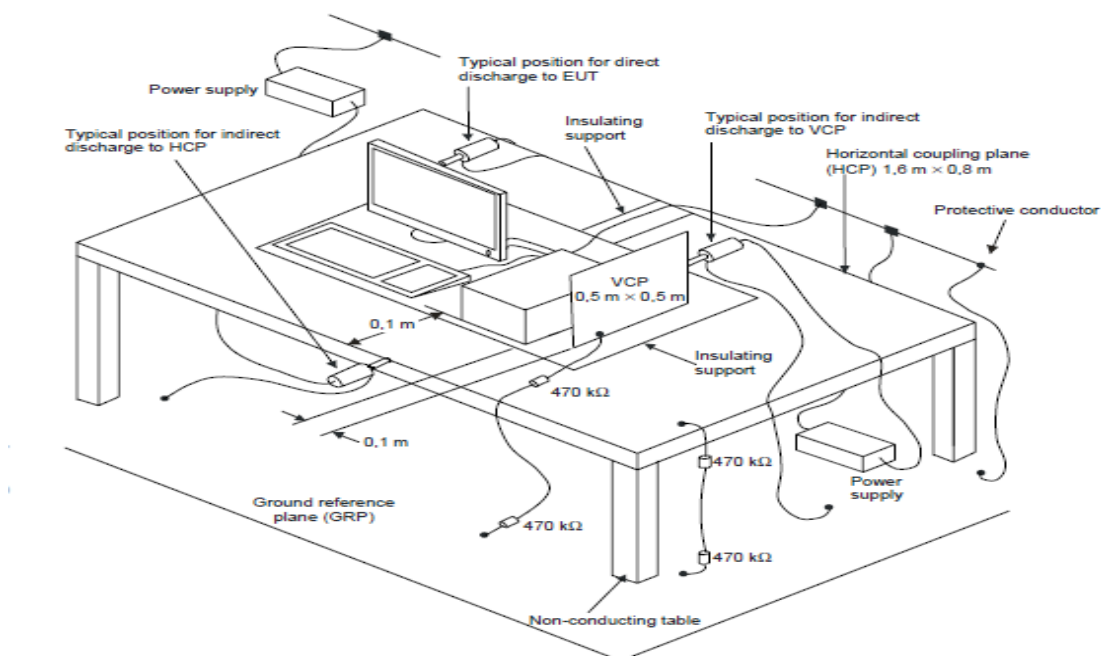


4. Electrostatic Discharge

4.1. Limit of Electrostatic Discharge

Environmental phenomenon	Test specification	Units	Performance criterion
Enclosure port			
Electrostatic discharge	±4 (Contact discharge)	kV (Charge voltage)	B
	±8 (Air discharge)	kV (Charge voltage)	

4.2. Test Setup



4.3. Test Procedure

Direct application of discharges to the EUT:

Contact discharge was applied only to conductive surfaces of the EUT.

Air discharges were applied only to non-conductive surfaces of the EUT.

During the test, it was performed with single discharges. For the single discharge time between successive single discharges will be keep longer 1 second. It was at least twenty-five single discharges with positive and negative at the same selected point.

The selected point, which was performed with electrostatic discharge, was marked on the red label of the EUT.

Indirect application of discharges to the EUT:

Vertical Coupling Plane (VCP):

The coupling plane, of dimensions 0.5m x 0.5m, is placed parallel to, and positioned at a distance 0.1m from the EUT, with the Discharge Electrode touching the coupling plane.

The four faces of the EUT will be performed with electrostatic discharge. It was at least twenty-five single discharges with positive and negative at the same selected point.

Horizontal Coupling Plane (HCP):

The coupling plane is placed under to the EUT. The generator shall be positioned vertically at a distance of 0.1m from the EUT, with the Discharge Electrode touching the coupling plane.

The four faces of the EUT will be performed with electrostatic discharge. It was at least twenty-five single discharges with positive and negative at the same selected point.

4.4. Test Result

EUT	WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Temperature	23°C
Test Engineer	Roy Cheng	Relative Humidity	54%
Test Mode	Mode 1	Date of Test	2016/07/11

Indirect Application		Test Result	
Test Location	Test Level	Horizontal Coupling	Vertical Coupling
Front, Rear Left, Right	±4kV	Pass	Pass

Note: There is no any degradation of performance and function, and the EUT performance complied with performance criteria for TT&TR to MS Function.

4.5. Test Photograph

Test Mode: Mode 1

Description: Electrostatic Discharge Test Setup

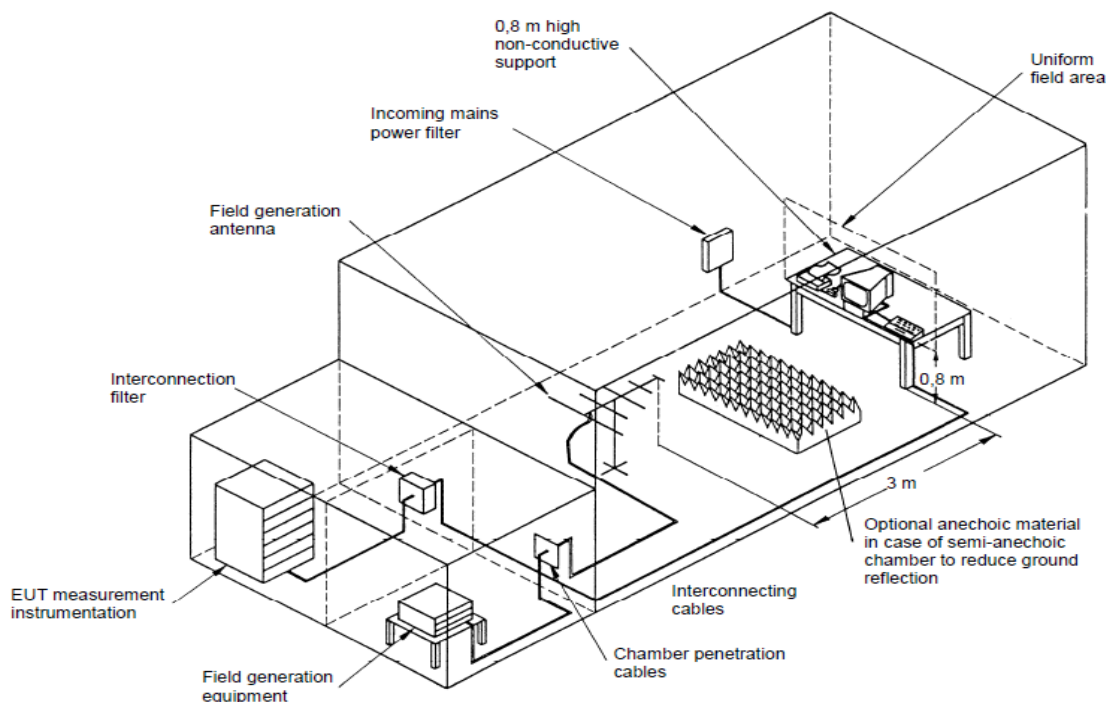


5. Radio-frequency electromagnetic field

5.1. Limit of Radio-frequency electromagnetic field

Environmental phenomenon	Test specification	Units	Performance criterion
Enclosure port			
Radio frequency electromagnetic field	80 - 1000, 1400 - 2700	MHz	A
	3	V/m (unmodulated, r.m.s)	
	80	% AM (1kHz)	
Note 1: If the wanted signal is modulated at 1000Hz, then an audio signal of 400Hz shall be used.			
Note 2: The test shall be performed over the frequency range 80MHz to 1000MHz and 1400MHz to 2700MHz with the exception of the exclusion band for transmitters, receivers and duplex transceivers [see clause 4 of EN 301 489-1 V1.9.2 (2010-09)], as appropriate.			

5.2. Test Setup



5.3. Test Procedure

The EUT and load, which are placed on a table that is 0.8 meter above ground, are placed with one coincident with the calibration plane such that the distance from antenna to the EUT was 3 meters.

Both horizontal and vertical polarization of the antenna and four sides of the EUT are set on measurement.

In order to judge the EUT performance, a CCD camera is used to monitor EUT.

All the scanning conditions are as follows:

	Condition of Test	Remarks
1.	Field Strength	3V/m
2.	Radiated Signal	AM 80% Modulated with 1kHz
3.	Scanning Frequency	80 - 1000MHz, 1.4GHz-2.7GHz
4	Dwell Time	3 Seconds
5.	Frequency Step Size Δf	1%

5.4. Test Result

EUT	WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Temperature	23°C
Test Engineer	Roy Cheng	Relative Humidity	54%
Test Mode	Mode 1	Date of Test	2016/07/11

Frequency (MHz)	Polarity	Test Position	Field Strength (V/m)	Test Result
80-1000	Horizontal/Vertical	Front	3	Pass
		Rear		Pass
		Left		Pass
		Right		Pass
		Top		Pass
		Bottom		Pass
1400-2700	Horizontal/Vertical	Front	3	Pass
		Rear		Pass
		Left		Pass
		Right		Pass
		Top		Pass
		Bottom		Pass

Note: There is no any degradation of performance and function, and the EUT performance complied with performance criteria for CT&CR to MS Function.

5.5. Test Photograph

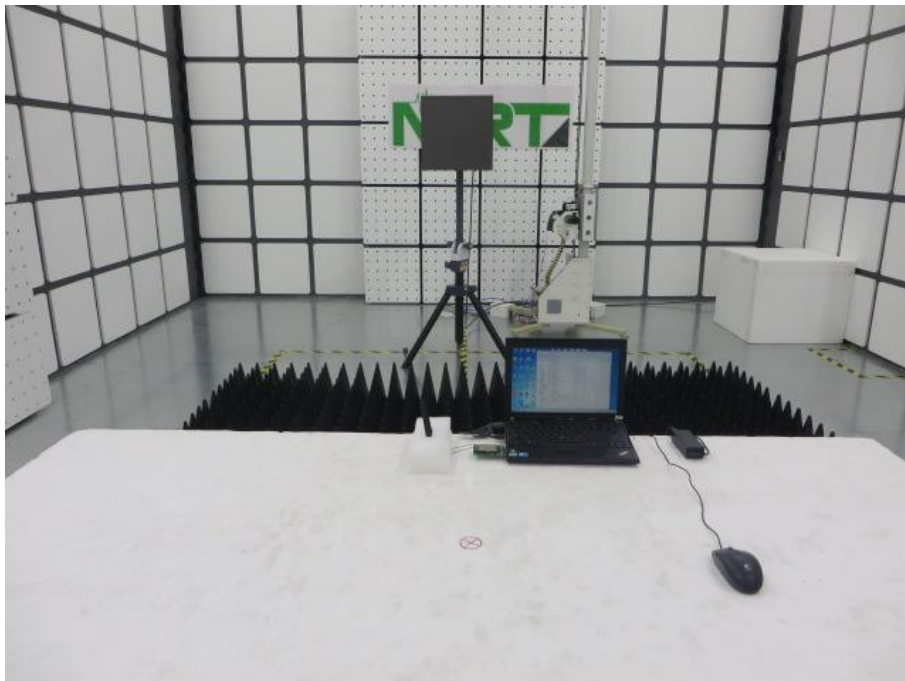
Test Mode: Mode 1

Description: Radio-frequency Electromagnetic Field Test Setup (30MHz-1GHz)



Test Mode: Mode 1

Description: Radio-frequency Electromagnetic Field Test Setup (1.4-2.7GHz)



6. Uncertainty Measurement

Radiated disturbance - AC1	
The maximum measurement uncertainty is evaluated as:	
Horizontal:	30MHz~300MHz: 4.07dB 300MHz~1GHz: 3.63 dB
Vertical:	30MHz~300MHz: 4.18 dB 300MHz~1GHz: 3.60 dB
Radiated disturbance - AC1	
The maximum measurement uncertainty is evaluated as:	
Horizontal:	1GHz~18GHz: 4.16 dB
Vertical:	1GHz~18GHz: 4.76 dB

7. List of Measuring Instrument

Radiated Disturbance - AC2					
Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
MXE EMI Receiver	Agilent	N9038A	MRTSUE06125	1 year	2016/08/03
TRILOG Antenna	Schwarzbeck	VULB9162	MRTSUE06022	1 year	2016/11/07
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	MRTSUE06023	1 year	2016/11/07
Broadband Coaxial Preamplifier	Schwarzbeck	BBV 9718	MRTSUE06176	1 year	2016/12/11
Digital Thermometer & Hygromete	MingGao	ETH529	MRTSUE06170	1 year	2016/11/30

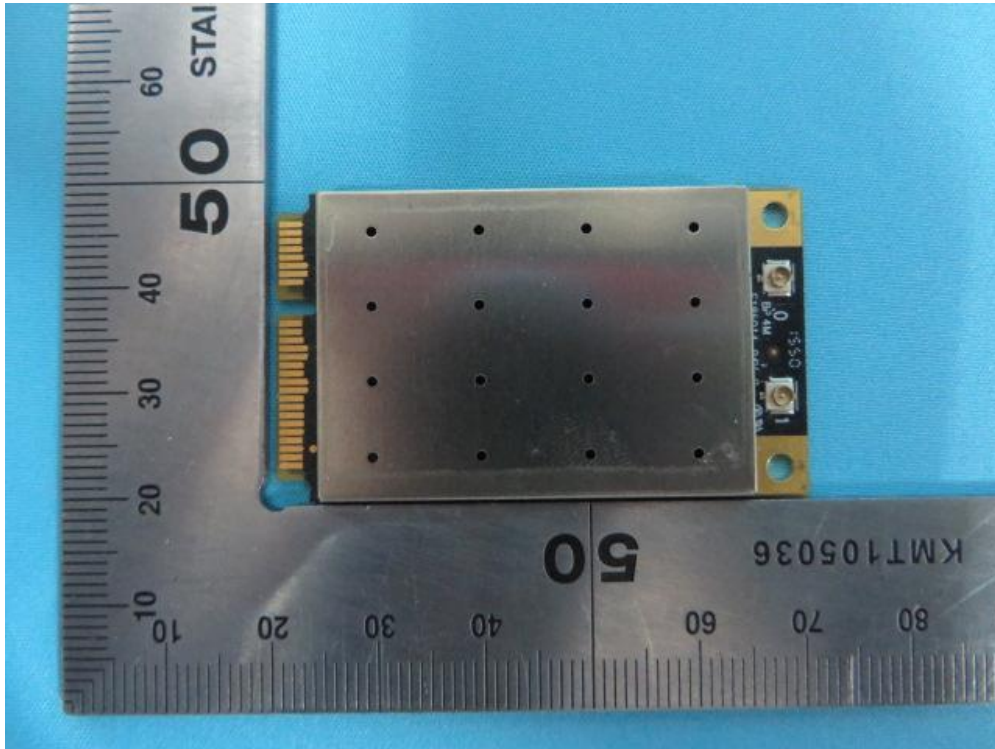
Electrostatic Discharge - TR2					
Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
ESD Simulator	Teseq GmbH	NSG 435	MRTSUE06031	1 year	2016/11/09
Barometer	BaoPing	DYM3	MRTSUE06044	1 year	2016/11/09
Temperature/Humidity Meter	Ouleinuo	N/A	MRTSUE06111	1 year	2016/11/20

Radio-Frequency Electromagnetic Field - AC2					
Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Signal Generator	Agilent	E4438C	MRTSUE06081	1 year	2016/12/08
Power Meter	Agilent	E4416A	MRTSUE06146	1 year	2016/09/09
Power Sensor	Agilent	E9327A	MRTSUE06147	1 year	2016/09/09
Power Meter	Agilent	E4418B	MRTSUE06148	1 year	2016/09/09
Power Sensor	Agilent	E9301H	MRTSUE06149	1 year	2016/09/09
Power Amplifier	AR	150W1000M1	MRTSUE06140	N/A	N/A
Power Amplifier	AR	40S1G4	MRTSUE10007	N/A	N/A
High-Gain Horn Antenna	AR	ATH800M5GA	MRTSUE06138	N/A	N/A
Log-Periodic Antenna	AR	ATR80M6G	MRTSUE06139	N/A	N/A

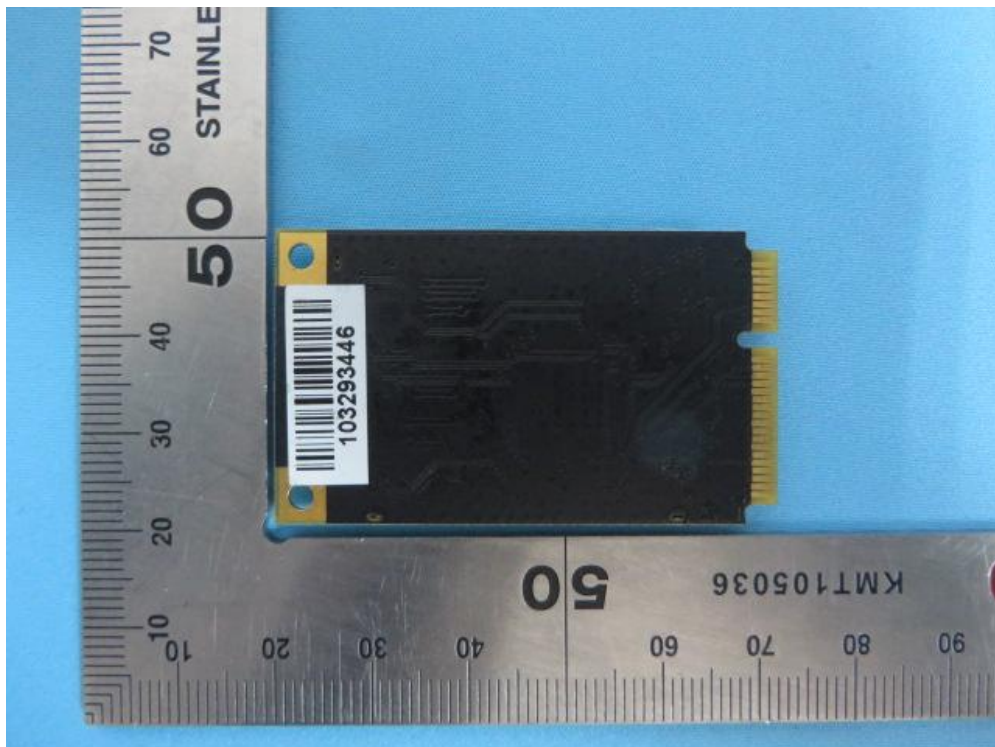
Software	Version	Function
e3	V 8.3.5	EMI Test Software
JS35-RS	V 1.0.0.1	Radio-Frequency Electromagnetic Field

8. Appendix - EUT Photograph

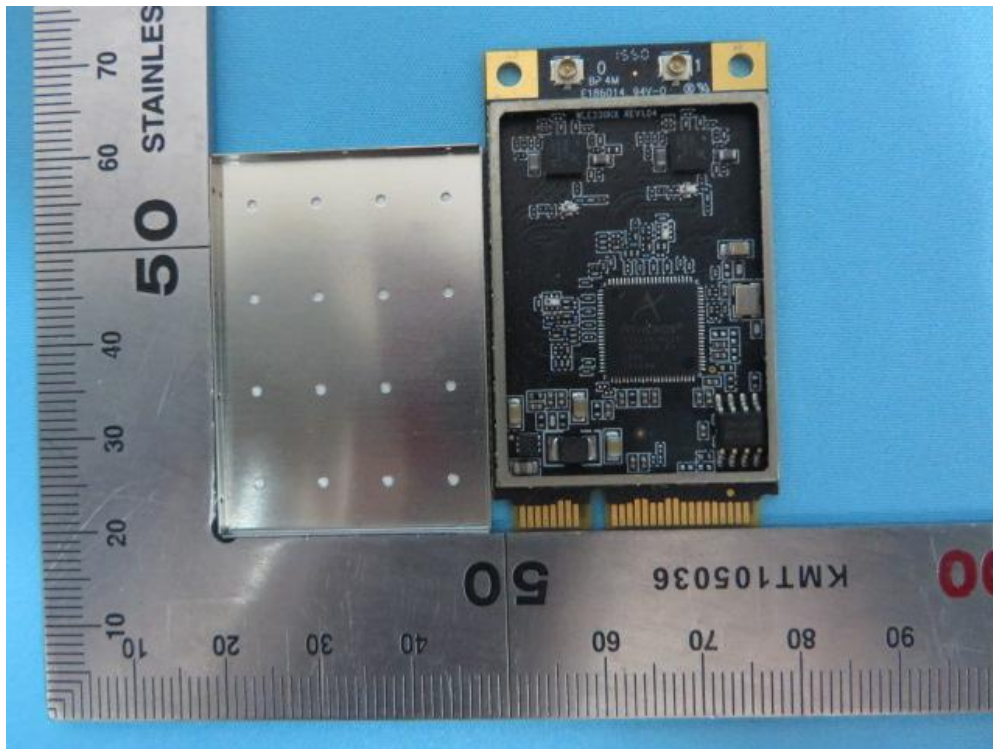
(1) EUT Photo



(2) EUT Photo



(3) EUT Photo



(4) EUT Photo



(5) EUT Photo



 The End
