

ELECTROMAGNETIC EMISSION COMPLIANCE REPORT FOR LOW-POWER, NON-LICENSED TRANSMITTER

Test Report No. : W153R-D026

AGR No. : A152A-137

Applicant : BLUEBIRD INC.
Address : (Dogok-dong, SEI Tower13,14)39, Eonjuro30-gil, Gangnam-gu, Seoul, South Korea

Manufacturer : BLUEBIRD INC.
Address : (Dogok-dong, SEI Tower13,14)39, Eonjuro30-gil, Gangnam-gu, Seoul, South Korea

Type of Equipment : Premium Enterprise TabletPremium Enterprise Tablet

FCC ID. : SS4ET100

Model Name : ET100

Serial number : N/A

Total page of Report : 96 pages (including this page)

Date of Incoming : February 12, 2015

Date of issue : March 30, 2015

SUMMARY

The equipment complies with the regulation; *FCC PART 15 SUBPART C Section 15.247*

This test report only contains the result of a single test of the sample supplied for the examination.

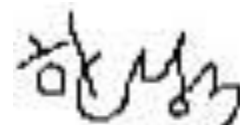
It is not a generally valid assessment of the features of the respective products of the mass-production.

Prepared by:



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ONETECH Corp.

Approved by:



Sung-Ik, Han/ Managing Director
ONETECH Corp.

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Revision History

Issued Report No.	Issued Date	Revisions	Effect Section
W153R-D026	March 30, 2015	Initial Issue	All

1. VERIFICATION OF COMPLIANCE

Applicant : BLUEBIRD INC.
 Address : (Dogok-dong, SEI Tower13,14)39, Eonjuro30-gil, Gangnam-gu, Seoul, South Korea
 Contact Person :
 Telephone No. : +82-70-7730-8210
 FCC ID : SS4ET100
 Model Name : ET100
 Serial Number : N/A
 Date : March 30, 2015

EQUIPMENT CLASS	DTS – DIGITAL TRNSMISSION SYSTEM
E.U.T. DESCRIPTION	Premium Enterprise Tablet
THIS REPORT CONCERNS	Original Grant
MEASUREMENT PROCEDURES	ANSI C63.10: 2009
TYPE OF EQUIPMENT TESTED	Pre-Production
KIND OF EQUIPMENT AUTHORIZATION REQUESTED	Certification
EQUIPMENT WILL BE OPERATED UNDER FCC RULES PART(S)	FCC PART 15 SUBPART C Section 15.247
Modifications on the Equipment to Achieve Compliance	None
Final Test was Conducted On	3 m, Semi Anechoic Chamber

-. The above equipment was tested by ONETECH Corp. for compliance with the requirement set forth in the FCC Rules and Regulations. This said equipment in the configuration described in this report, shows the maximum emission levels emanating from equipment are within the compliance requirements.

2. TEST SUMMARY

2.1 Test items and results

SECTION	TEST ITEMS	RESULTS
15.407 (b), 15.205	Radiated Emission which fall in the Restricted Band	Met the Limit / PASS
15.209	Radiated Emission Limits	Met the Limit / PASS
15.207	Conducted Limits	Met the Limit / PASS
15.203	Antenna Requirement	Met requirement / PASS

2.2 Additions, deviations, exclusions from standards

No additions, deviations or exclusions have been made from standard.

2.3 Related Submittal(s) / Grant(s)

Original submittal only

2.4 Purpose of the test

To determine whether the equipment under test fulfills the requirements of the regulation stated in FCC PART 15 SUBPART C Section 15.247.

2.5 Test Methodology

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10: 2009. Radiated testing was performed at a distance of 3 m from EUT to the antenna.

2.6 Test Facility

The Onetech Corp. has been designated to perform equipment testing in compliance with ISO/IEC 17025.

The Electromagnetic compatibility measurement facilities are located at 301-14, Daessangnyeong-ri, Chowol-eup, Gwangju-si, Gyeonggi-do, 464-862 Korea.

-. Site Filing:

VCCI (Voluntary Control Council for Interference) – Registration No. R-4112/ C-4617/ G-666/ T-1842 IC (Industry Canada) – Registration No. Site# 3736-3

-. Site Accreditation:

KOLAS (Korea Laboratory Accreditation Scheme) - Accreditation No. 85

FCC (Federal Communications Commission) - Accreditation No. KR0013

RRA (Radio Research Agency) – Designation No. KR0013

3. GENERAL INFORMATION

3.1 Product Description

The BLUEBIRD INC., Model ET100 (referred to as the EUT in this report) is a Premium Enterprise Tablet. The product specification described herein was obtained from product data sheet or user's manual.

DEVICE TYPE	Premium Enterprise Tablet	
LIST OF EACH OSC. or CRY. FREQ.(FREQ. >= 1 MHz)	27.12 MHz, 26 M, 25 MHz , 12 MHz, 8 MHz	
EMISSION DESIGNATOR	802.11a/n(HT20)/n(HT40)/ac(VHT20)/ ac(VHT40)/ ac(VHT80)	
OPERATING FREQUENCY	5.15 GHz ~ 5.25 GHz band	802.11a/n(HT20)/ac(VHT20) : 5 180 MHz ~ 5 240 MHz
		802.11n(HT40)/ac(VHT40) : 5 190 MHz ~ 5 230 MHz
		802.11ac(VHT80) : 5 210 MHz
	5.25 GHz ~ 5.35 GHz band	802.11a/n(HT20)/ac(VHT20) : 5 260 MHz ~ 5 320 MHz
		802.11n(HT40)/ac(VHT40) : 5 270 MHz ~ 5 310 MHz
		802.11ac(VHT80) : 5 290 MHz
	5.47 GHz ~ 5.725 GHz band	802.11a/n(HT20)/ac(VHT20) : 5 500 MHz ~ 5 700 MHz
		802.11n(HT40)/ac(VHT40) : 5 510 MHz ~ 5 670 MHz
		802.11ac(VHT80) : 5 710 MHz
ANTENNA TYPE	WWAN, WLAN : PiFA BT : Chip antenna NFC : PCB antenna	
USED AC/DC ADAPTER	Output: DC 12 V, 4.17 A Model No: KPL-050F Manufacturer: Ningbo ISO Electronic Co., Ltd.	
EXTERNAL CONNECTOR	DC IN, Micro SD slot, USIM slot, USB port, AUX port	

3.2 Alternative type(s)/model(s); also covered by this test report.

-. None

4. EUT MODIFICATIONS

-. None

5. SYSTEM TEST CONFIGURATION

5.1 Justification

This device was configured for testing in a typical way as a normal customer is supposed to be used. During the test, the following components were installed inside of the EUT.

DEVICE TYPE	MANUFACTURER	MODEL/PART NUMBER	FCC ID
Mother board	N/A	PCB-BP80S-MAIN-REV.0.2	N/A
LCD panel	Innolux Display	EJ101IA-01G	N/A
Card slot board	N/A	FPCB-BP80S-SD-SIMSAM-REV.0.1	N/A
Flash LED board	N/A	PCB-BP80S-FLASH-LED-REV.0.1	N/A
Battery	XIAMEN POWERLONG INDUSTRY JOINT-STOCK CO., LTD.	PL8046135/3.7V	N/A
Light sensor board	N/A	LIGHT-SENSOR-REV.0.1	N/A
Camera module	N/A	HU106-B	N/A
SSD	N/A	MS-0460SSN	N/A
Touch sensor board	N/A	BP80_REV05	N/A
GPS antenna	N/A	PE8G4006GB1_Rev1.0	N/A
Value sub board	N/A	PCB-BP80S-VALUE-SUB-REV01	N/A
Wireless module	CINTERION	PHS8-P	QIPPHS8-P
WLAN module	INTEL	7265NGW	PD97265NG
WWAN antenna	DONGNAM	BP80S (MAIN)	N/A
WLAN antenna	DONGNAM	BP80S (WiFi)	N/A
NFC antenna	N/A	N/A	N/A
Adaptor	Ningbo Electronic Co., Ltd.	KPL-050F	N/A

5.2 Peripheral equipment

Defined as equipment needed for correct operation of the EUT, but not considered as tested:

Model	Manufacturer	Description	Connected to
ET100	Bluebird Inc.	Premium Enterprise Tablet (EUT)	Adaptor
KPL-050F	Ningbo Electronic Co., Ltd.	Adaptor	EUT

5.3 Mode of operation during the test

- For the testing, software used to control the EUT for staying in continuous transmitting mode is programmed.
- Test should proceed in the worst of conditions.

5.4 Configuration of Test System

Line Conducted Test: The EUT was connected to USB and the power of USB was connected to Notebook PC. All supporting equipments were connected to another LISN. Preliminary Power line Conducted Emission test was performed by using the procedure in ANSI C63.10: 2009 7.3.3 to determine the worse operating conditions.

Radiated Emission Test: Preliminary radiated emissions test were conducted using the procedure in ANSI C63.10: 2013 to determine the worse operating conditions. Final radiated emission tests were conducted at 3 meter open area test site.

The turntable was rotated through 360 degrees and the EUT was tested by positioned three orthogonal planes to obtain the highest reading on the field strength meter. Once maximum reading was determined, the search antenna was raised and lowered in both vertical and horizontal polarization.

5.5 Antenna Requirement

For intentional device, according to section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

Antenna Construction:

The antenna of the EUT is a PiFA inside the EUT, so no consideration of replacement by the user.

6. PRELIMINARY TEST

6.1 AC Power line Conducted Emissions Tests

During Preliminary Test, the following operating mode was investigated.

Operation Mode	The Worse operating condition (Please check one only)
Transmitting Mode	X
Receiving Mode	-

6.2 General Radiated Emissions Tests

During Preliminary Test, the following operating mode was investigated.

Operation Mode	The Worse operating condition (Please check one only)
Transmitting Mode	X
Receiving Mode	-

7. RADIATED SPURIOUS EMISSIONS

7.1 Operating environment

Temperature : 20 °C
Relative humidity : 45 % R.H.

7.2 Test set-up

The radiated emissions measurements were performed on the 3 m, open-field test site. The EUT was placed on a non-conductive turntable approximately 0.8 m above the ground plane.

The frequency spectrum from 30 MHz to 40 GHz was scanned and maximum emission levels at each frequency recorded. The system was rotated 360°, and the antenna was varied in the height between 1.0 m and 4.0 m in order to determine the maximum emission levels. This procedure was performed for horizontal and vertical polarization of the receiving antenna.



7.3 Test equipment used

	Model Number	Manufacturer	Description	Serial Number	Last Cal. (Interval)
□ -	ESCI	Rohde & Schwarz	EMI Test Receiver	101012	Nov. 03, 2014(1Y)
■ -	ESU	Rohde & Schwarz	EMI Test Receiver	100261	Apr. 29, 2014(1Y)
□ -	8564E	HP	Spectrum Analyzer	3650A00756	Apr. 28, 2014(1Y)
□ -	FSP	Rohde & Schwarz	Spectrum Analyzer	100017	Oct. 16, 2014(1Y)
■ -	310N	Sonoma Instrument	AMPLIFIER	312544	Apr. 28, 2014(1Y)
■ -	FSV30	Rohde & Schwarz	Signal Analyzer	101372	Apr. 28, 2014(1Y)
■ -	SCU-18	Rohde & Schwarz	Signal Conditioning Unit	102209	Jun. 12, 2014(1Y)
■ -	MA240	HD GmbH	Antenna Master	N/A	N/A
■ -	HD100	HD GmbH	Position Controller	N/A	N/A
■ -	DS420S	HD GmbH	Turn Table	N/A	N/A
■ -	HFH2-Z2	Rohde & Schwarz	Loop Antenna	879 285/26	Dec. 09, 2014(2Y)
■ -	VULB9163	Schwarzbeck	TRILOG Broadband Antenna	9163-255	May 02, 2014(2Y)
■ -	BBHA9120D	Schwarzbeck	Horn Antenna	BBHA9120D295	Sep. 05, 2013(2Y)
■ -	BBHA9170	Schwarzbeck	Horn Antenna	BBHA9170178	N/A
■ -	83051A	Agilent	Microwave System Preamplifier	3950M00201	Apr. 30, 2014(1Y)

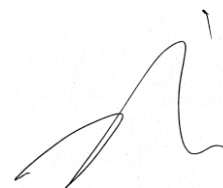
All test equipment used is calibrated on a regular basis.

7.4 Test data for Frequency 5 150 band

7.4.1 Test data for Below 30 MHz

- . Test Date : March 27, 2015
- . Resolution bandwidth : 200 Hz (from 9 kHz to 0.15 MHz), 9 kHz (from 0.15 MHz to 30 MHz)
- . Frequency range : 9 kHz ~ 30 MHz
- . Measurement distance : 3 m

Frequency (MHz)	Reading (dBμV)	Ant. Pol. (H/V)	Ant. Factor (dB/m)	Cable Loss	Amp Gain	Emission Level(dBμV/m)	Limits (dBμV/m)	Margin (dB)
It was not observed any emissions from the EUT.								

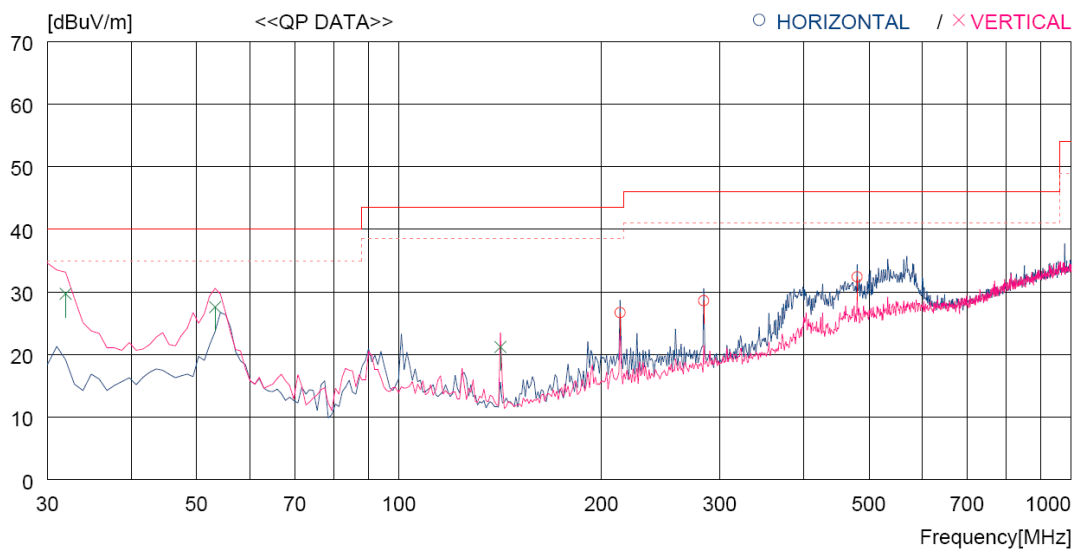


Tested by: Jun-Hui, Lee / Engineer

7.4.2 Test data for 30 MHz ~ 1 000 MHz

Humidity Level : 44 % R.H. Temperature: 21.1 °C
Limits apply to : FCC CFR 47, PART 15, SUBPART C, SECTION 15.247
Result : PASSED

EUT : Premium Enterprise Tablet Date: March 27, 2015
Detector : CISPR Quasi-Peak (6 dB Bandwidth: 120 kHz)
Operating condition : Tablet pc Charging Mode



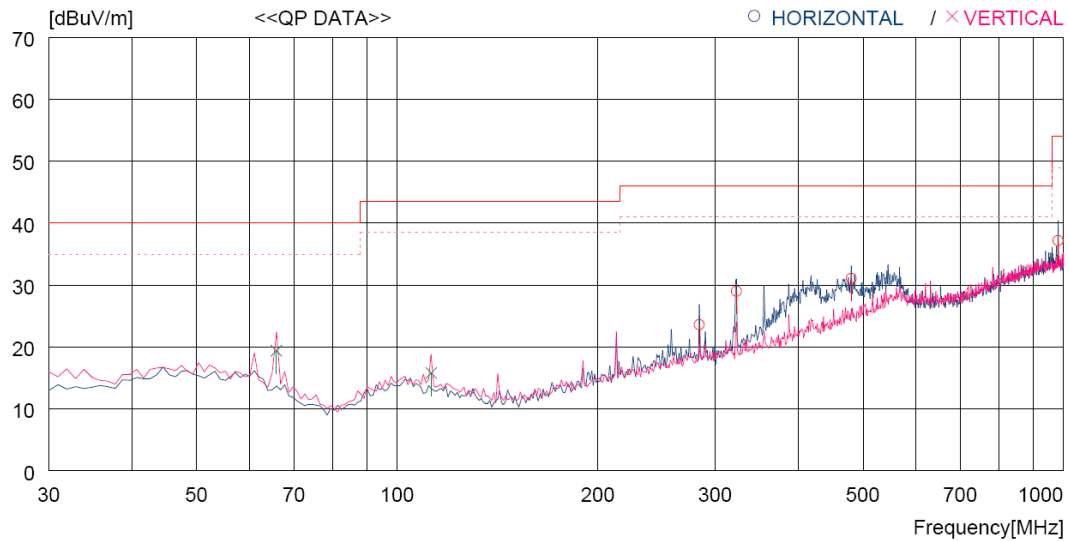
No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	213.330	38.2	12.6	8.9	33.0	26.7	43.5	16.8	200	271
2	284.140	37.8	14.4	9.4	33.0	28.6	46.0	17.4	100	357
3	480.081	36.9	18.1	10.5	33.1	32.4	46.0	13.6	200	151
----- Vertical -----										
4	31.940	42.8	13.1	7.0	33.2	29.7	40.0	10.3	102	0
5	53.280	38.6	14.8	7.4	33.2	27.6	40.0	12.4	200	0
6	141.550	36.8	9.2	8.3	33.1	21.2	43.5	22.3	200	228

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc Portable Portable Mode



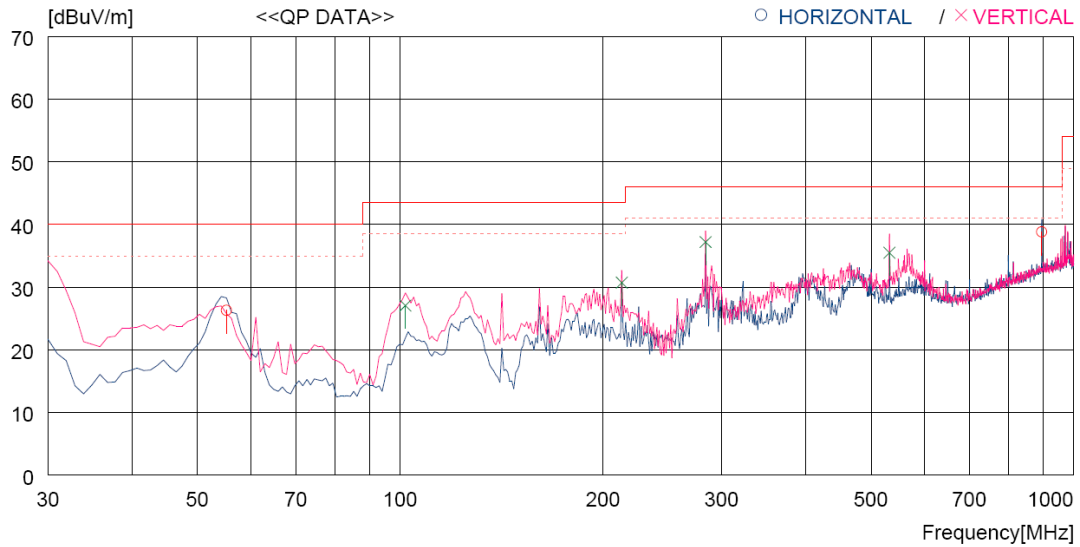
No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	284.140	32.8	14.4	9.4	33.0	23.6	46.0	22.4	200	359
2	322.940	37.1	15.3	9.6	33.0	29.0	46.0	17.0	100	26
3	480.081	35.6	18.1	10.5	33.1	31.1	46.0	14.9	200	359
4	981.556	32.3	24.0	12.7	31.8	37.2	54.0	16.8	100	278
----- Vertical -----										
5	65.890	33.1	11.8	7.6	33.1	19.4	40.0	20.6	100	284
6	112.450	28.5	12.3	8.1	33.1	15.8	43.5	27.7	100	87

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc Cradle Charging Mode



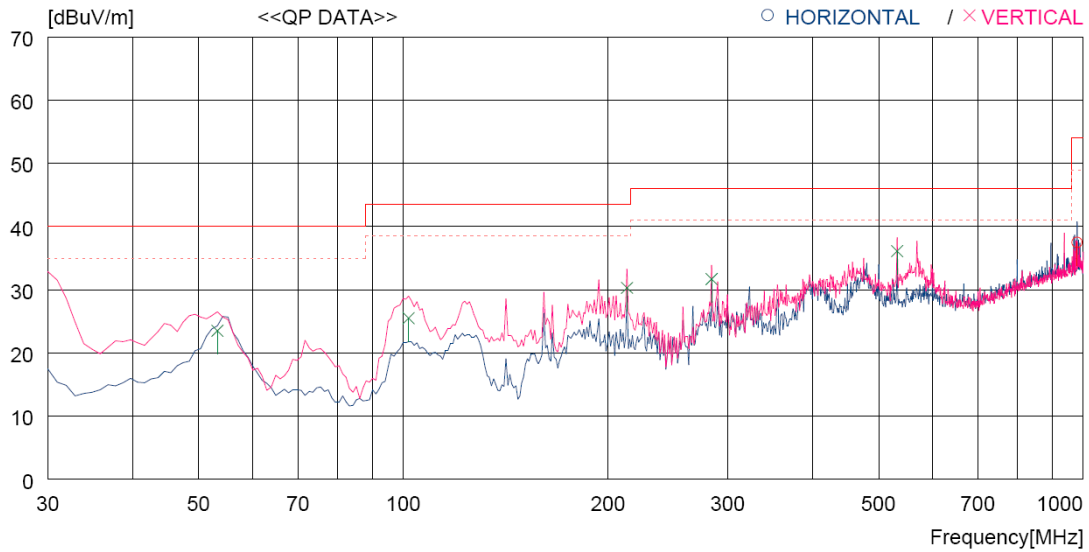
No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA TABLE [cm]	TABLE [DEG]
----- Horizontal -----										
1	55.220	37.4	14.6	7.4	33.1	26.3	40.0	13.7	300	172
2	896.199	35.6	23.3	12.4	32.5	38.8	46.0	7.2	100	0
----- Vertical -----										
3	101.780	38.7	13.5	8.0	33.1	27.1	43.5	16.4	100	95
4	213.330	42.2	12.6	8.9	33.0	30.7	43.5	12.8	100	0
5	284.140	46.4	14.4	9.4	33.0	37.2	46.0	8.8	200	314
6	532.460	38.8	19.1	10.8	33.2	35.5	46.0	10.5	100	0

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dB μ V/m) - Emission Level (dB μ V/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc IC Card Reader Charging Mode



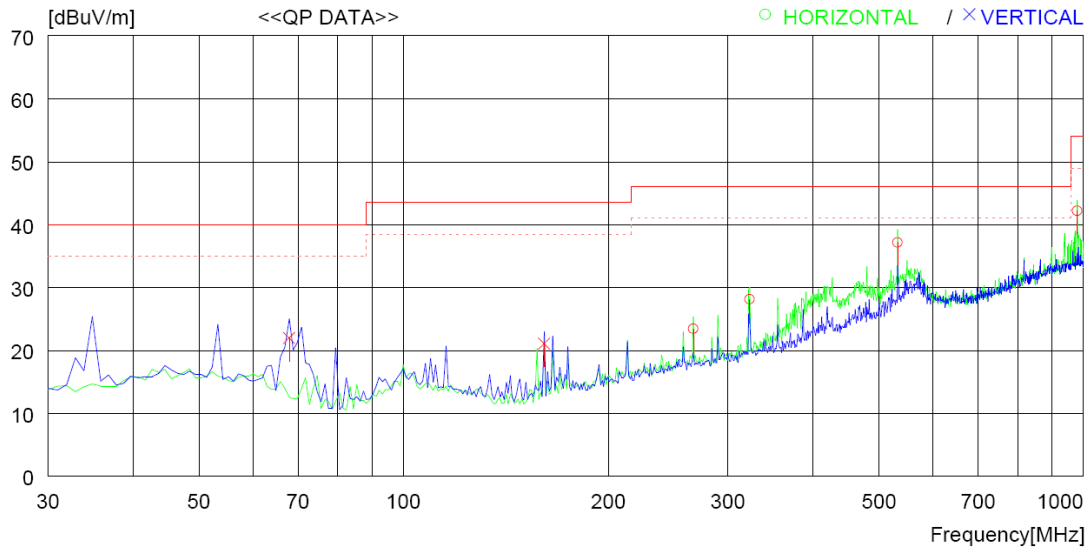
No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	979.617	31.1	22.6	15.6	31.8	37.5	54.0	16.5	200	188
----- Vertical -----										
2	53.280	35.6	13.6	7.3	33.0	23.5	40.0	16.5	100	235
3	101.780	38.6	11.8	8.2	33.1	25.5	43.5	18.0	100	144
4	213.330	42.3	11.2	9.7	32.9	30.3	43.5	13.2	100	0
5	284.140	41.1	13.2	10.3	32.9	31.7	46.0	14.3	200	32
6	532.460	38.7	17.9	12.7	33.2	36.1	46.0	9.9	100	0

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBuV/m) - Emission Level (dBuV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc IC Card Reader Portable Mode



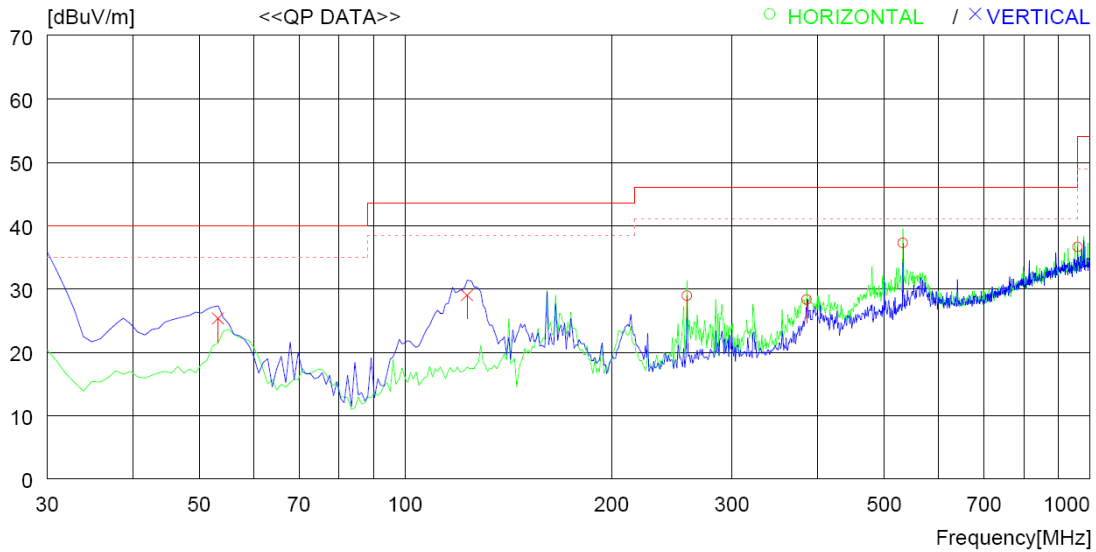
No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	266.680	33.2	12.8	10.3	32.9	23.4	46.0	22.6	100	0
2	322.940	36.1	14.1	10.8	32.9	28.1	46.0	17.9	100	0
3	532.460	39.7	17.9	12.7	33.2	37.1	46.0	8.9	200	359
4	979.617	35.8	22.6	15.6	31.8	42.2	54.0	11.8	100	0
----- Vertical -----										
5	67.830	36.9	10.5	7.6	33.0	22.0	40.0	18.0	100	76
6	160.950	36.4	8.7	9.0	33.0	21.1	43.5	22.4	100	359

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBuV/m) - Emission Level (dBuV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc Barcode Reader Charging Mode



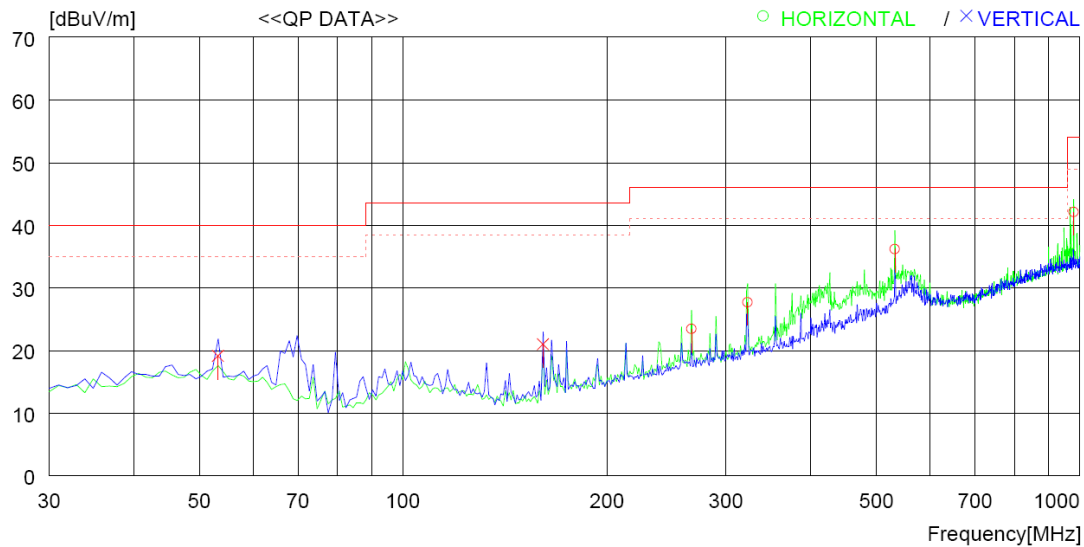
No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	257.950	38.9	12.6	10.3	32.9	28.9	46.0	17.1	100	359
2	385.990	34.5	15.6	11.2	33.0	28.3	46.0	17.7	100	359
3	532.460	39.8	17.9	12.7	33.2	37.2	46.0	8.8	200	102
4	959.247	30.5	22.5	15.5	31.9	36.6	46.0	9.4	100	359
----- Vertical -----										
5	53.280	37.4	13.6	7.3	33.0	25.3	40.0	14.7	100	0
6	123.120	43.5	9.9	8.7	33.1	29.0	43.5	14.5	100	63

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBuV/m) - Emission Level (dBuV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc Barcode Reader Portable Mode



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	266.680	33.2	12.8	10.3	32.9	23.4	46.0	22.6	100	159
2	322.940	35.7	14.1	10.8	32.9	27.7	46.0	18.3	100	193
3	532.460	38.8	17.9	12.7	33.2	36.2	46.0	9.8	200	359
4	979.617	35.7	22.6	15.6	31.8	42.1	54.0	11.9	100	0
----- Vertical -----										
5	53.280	31.2	13.6	7.3	33.0	19.1	40.0	20.9	200	284
6	160.950	36.3	8.7	9.0	33.0	21.0	43.5	22.5	100	68

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBuV/m) - Emission Level (dBuV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

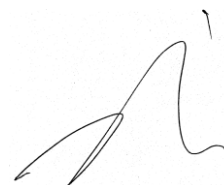
7.4.3 Test data for above 1 GHz

- Test Date : March 27, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
15 540	40.66	Peak	H	38.9	17.5	42	55.06	73.98	18.92
	30.44	Average	H				44.84	53.98	9.14
	41.81	Peak	V				56.21	73.98	17.77
	32.93	Average	V				47.33	53.98	6.65
Middle Channel									
15 600	42.14	Peak	H	38.9	17.5	42	56.54	73.98	17.44
	34.71	Average	H				49.11	53.98	4.87
	47.19	Peak	V				61.59	73.98	12.39
	36.95	Average	V				51.35	53.98	2.63
High Channel									
15 720	42.94	Peak	H	38.9	17.5	42	57.34	73.98	16.64
	33.08	Average	H				47.48	53.98	6.5
	48.55	Peak	V				62.95	73.98	11.03
	37.43	Average	V				51.83	53.98	2.15

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



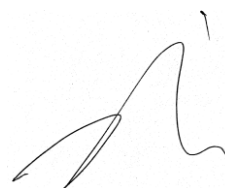
Tested by: Jun-Hui, Lee / Engineer

7.5 Test data for Frequency 5 250 band

7.5.1 Test data for Below 30 MHz

- . Test Date : March 27, 2015
- . Resolution bandwidth : 200 Hz (from 9 kHz to 0.15 MHz), 9 kHz (from 0.15 MHz to 30 MHz)
- . Frequency range : 9 kHz ~ 30 MHz
- . Measurement distance : 3 m

Frequency (MHz)	Reading (dB μ V)	Ant. Pol. (H/V)	Ant. Factor (dB/m)	Cable Loss	Amp Gain	Emission Level(dB μ V/m)	Limits (dB μ V/m)	Margin (dB)
It was not observed any emissions from the EUT.								



Tested by: Jun-Hui, Lee / Engineer

7.5.2 Test data for 30 MHz ~ 1 000 MHz

Humidity Level : 44 % R.H. Temperature: 21.1 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART C, SECTION 15.247

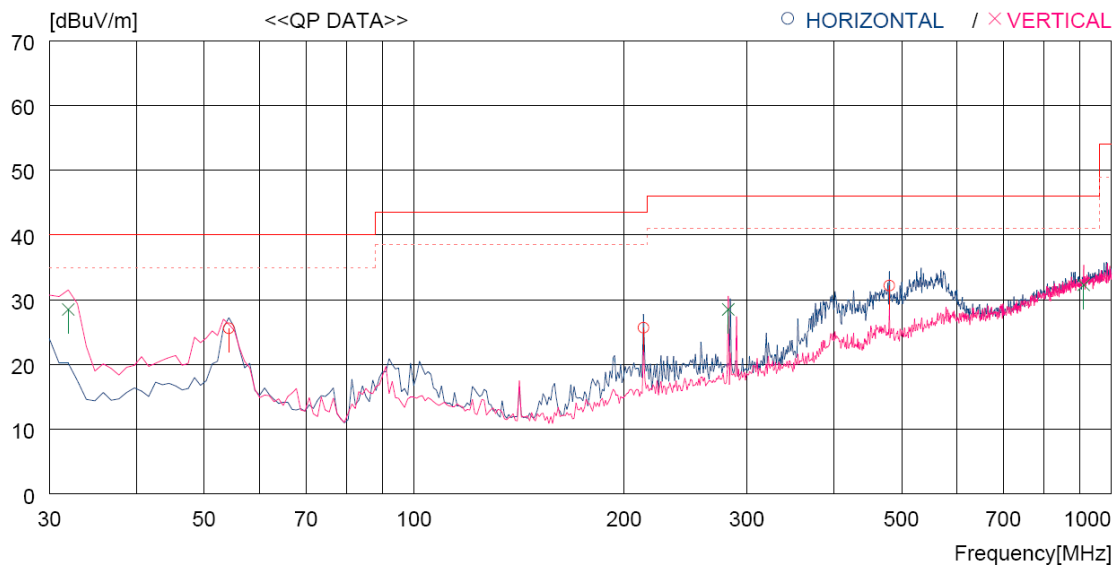
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 27, 2015

Detector : CISPR Quasi-Peak (6 dB Bandwidth: 120 kHz)

Operating condition : Tablet pc Charging Mode



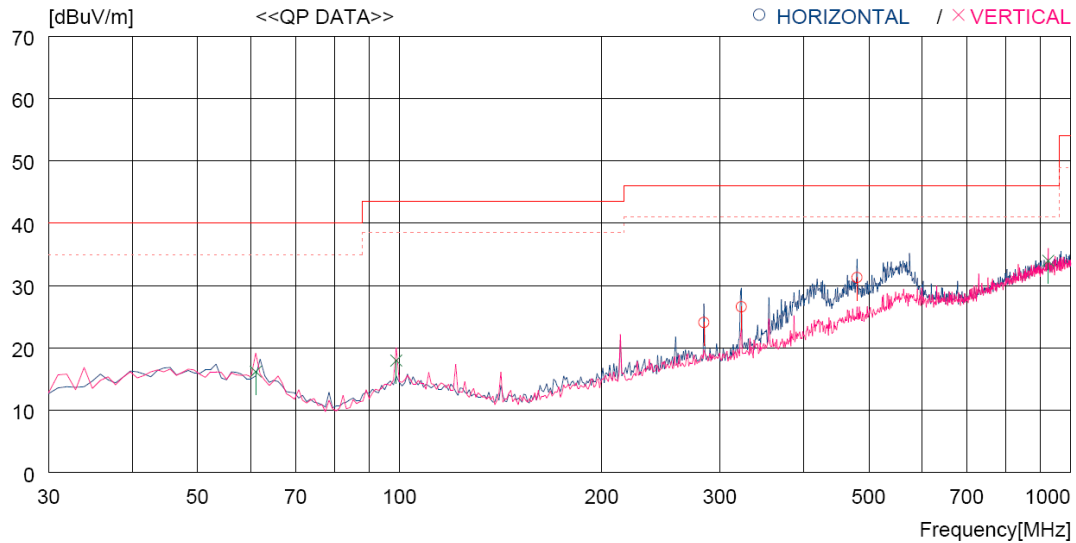
No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	54.250	36.7	14.7	7.4	33.2	25.6	40.0	14.4	300	359
2	213.330	37.2	12.6	8.9	33.0	25.7	43.5	17.8	200	0
3	480.081	36.7	18.1	10.5	33.1	32.2	46.0	13.8	100	359
----- Vertical -----										
4	31.940	41.6	13.1	7.0	33.2	28.5	40.0	11.5	200	0
5	282.200	37.8	14.3	9.4	33.0	28.5	46.0	17.5	300	81
6	912.689	28.7	23.5	12.5	32.4	32.3	46.0	13.7	300	123

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc Portable Portable Mode



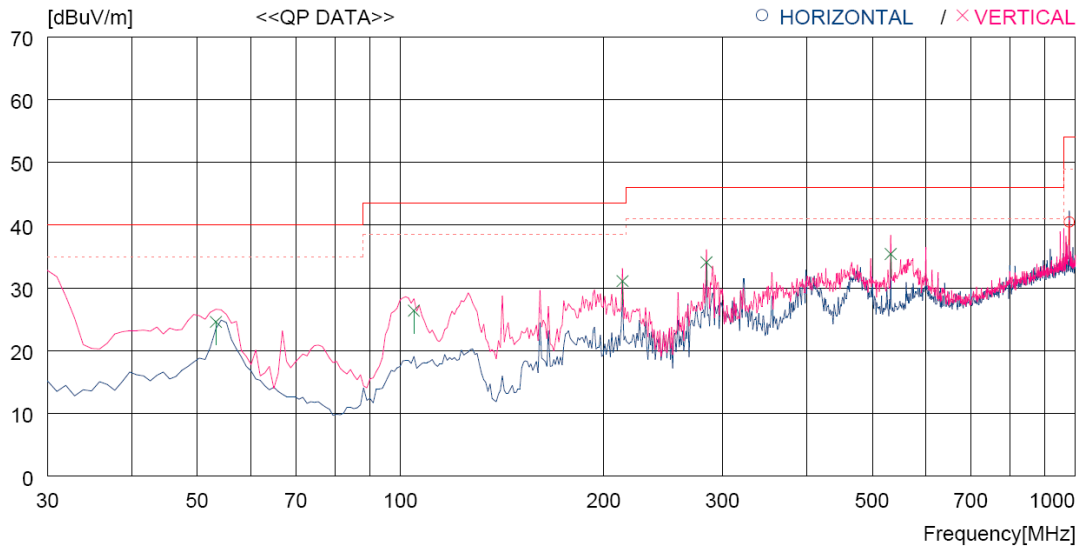
No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	284.140	33.3	14.4	9.4	33.0	24.1	46.0	21.9	100	33
2	322.940	34.7	15.3	9.6	33.0	26.6	46.0	19.4	100	25
3	480.081	35.8	18.1	10.5	33.1	31.3	46.0	14.7	100	68
----- Vertical -----										
4	61.040	28.1	13.7	7.5	33.1	16.2	40.0	23.8	200	187
5	98.870	29.7	13.4	8.0	33.1	18.0	43.5	25.5	100	103
6	925.298	30.2	23.6	12.5	32.3	34.0	46.0	12.0	100	359

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBuV/m) - Emission Level (dBuV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc Cradle Charging Mode



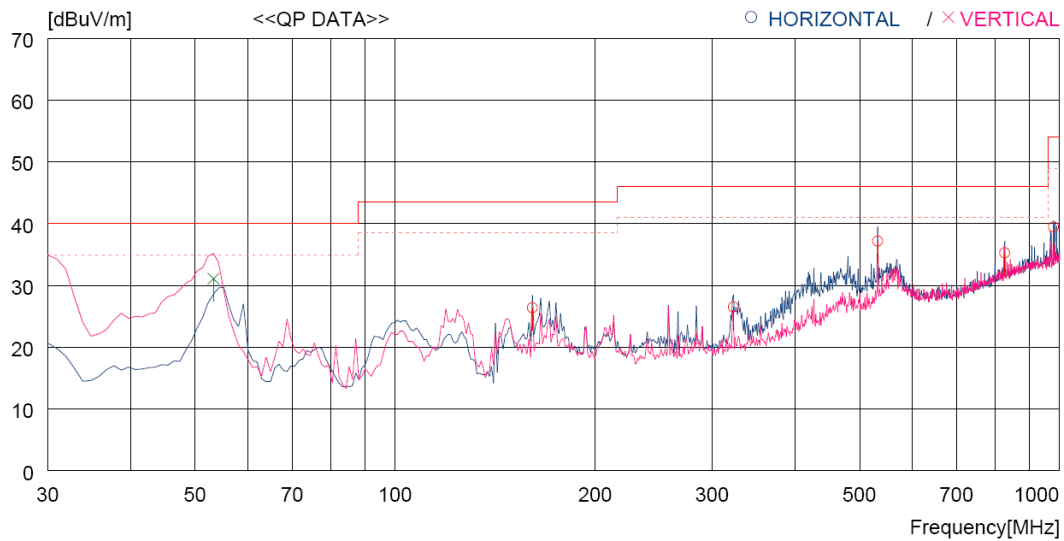
No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	QP	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	979.617	35.6	24.0	12.7	31.8	40.5	54.0	13.5	100	131
----- Vertical -----										
2	53.280	35.6	14.8	7.4	33.2	24.6	40.0	15.4	100	250
3	104.690	38.4	13.1	8.0	33.1	26.4	43.5	17.1	100	359
4	213.330	42.6	12.6	8.9	33.0	31.1	43.5	12.4	100	359
5	284.140	43.3	14.4	9.4	33.0	34.1	46.0	11.9	275	0
6	532.460	38.7	19.1	10.8	33.2	35.4	46.0	10.6	100	359

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc IC Card Reader Charging Mode



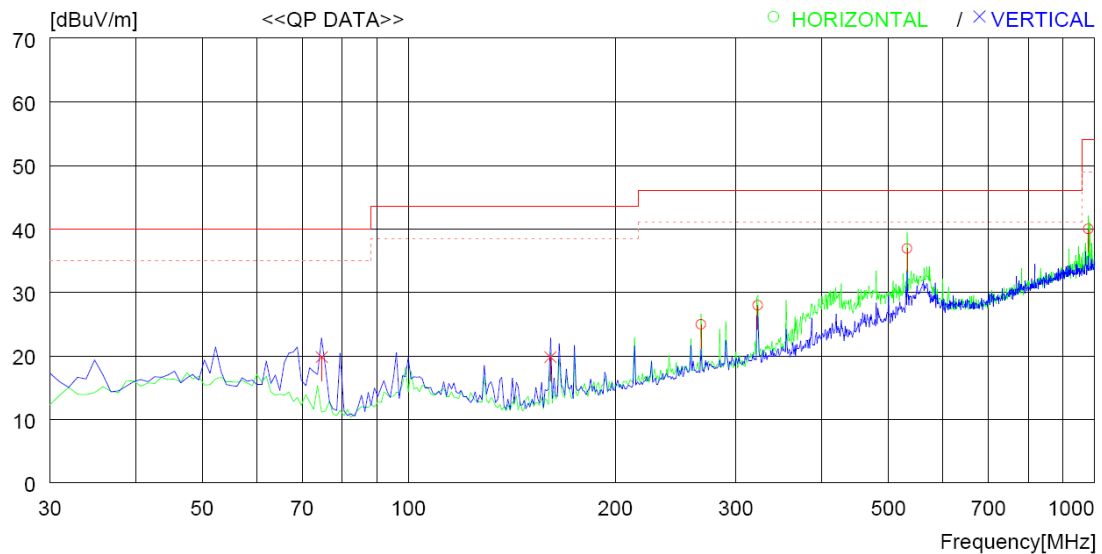
No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	160.950	41.7	8.7	9.0	33.0	26.4	43.5	17.1	300	359
2	322.940	34.5	14.1	10.8	32.9	26.5	46.0	19.5	100	19
3	532.460	39.8	17.9	12.7	33.2	37.2	46.0	8.8	200	179
4	827.331	32.1	21.2	14.8	32.8	35.3	46.0	10.7	100	89
5	979.617	33.1	22.6	15.6	31.8	39.5	54.0	14.5	100	146
----- Vertical -----										
6	53.280	43.2	13.6	7.3	33.0	31.1	40.0	8.9	100	0

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc IC Card Reader Portable Mode



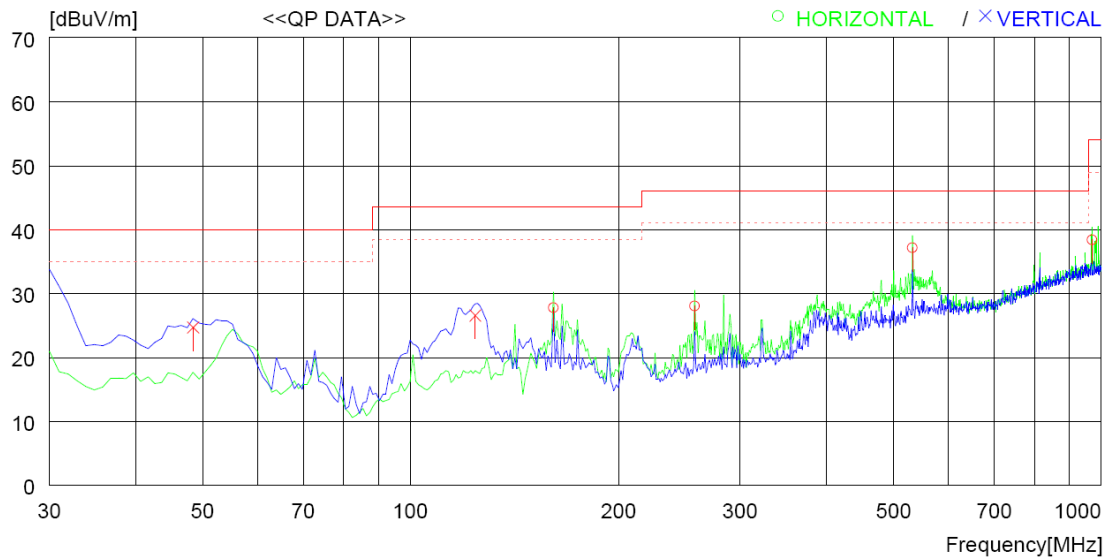
No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	266.680	34.7	12.8	10.3	32.9	24.9	46.0	21.1	100	193
2	322.940	35.9	14.1	10.8	32.9	27.9	46.0	18.1	100	0
3	532.460	39.5	17.9	12.7	33.2	36.9	46.0	9.1	200	216
4	979.617	33.6	22.6	15.6	31.8	40.0	54.0	14.0	100	53
----- Vertical -----										
5	74.620	36.4	8.7	7.7	33.0	19.8	40.0	20.2	100	307
6	160.950	35.1	8.7	9.0	33.0	19.8	43.5	23.7	100	359

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBuV/m) - Emission Level (dBuV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc Barcode Reader Charging Mode



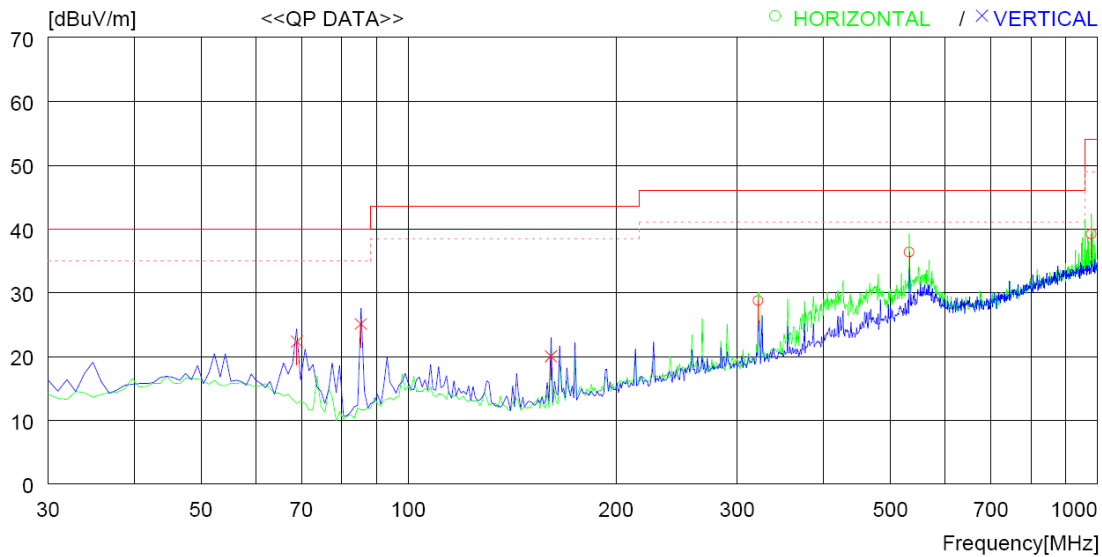
No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	160.950	43.1	8.7	9.0	33.0	27.8	43.5	15.7	200	0
2	257.950	38.0	12.6	10.3	32.9	28.0	46.0	18.0	100	188
3	532.460	39.7	17.9	12.7	33.2	37.1	46.0	8.9	200	0
4	970.887	32.1	22.6	15.5	31.8	38.4	54.0	15.6	100	359
----- Vertical -----										
5	48.430	36.6	13.8	7.3	33.0	24.7	40.0	15.3	100	358
6	124.090	41.2	9.8	8.7	33.1	26.6	43.5	16.9	200	359

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBuV/m) - Emission Level (dBuV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc Barcode Reader Portable Mode



No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	QP	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
		[dBuV]	[dB]							
----- Horizontal -----										
1	321.970	36.7	14.1	10.8	32.9	28.7	46.0	17.3	100	180
2	532.460	38.9	17.9	12.7	33.2	36.3	46.0	9.7	200	359
3	979.617	32.8	22.6	15.6	31.8	39.2	54.0	14.8	100	194
----- Vertical -----										
4	68.800	37.4	10.2	7.7	33.0	22.3	40.0	17.7	100	359
5	85.290	41.5	8.8	7.9	33.1	25.1	40.0	14.9	200	137
6	160.950	35.3	8.7	9.0	33.0	20.0	43.5	23.5	100	359

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

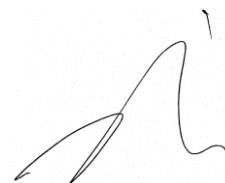
7.5.3 Test data for above 1 GHz

- Test Date : March 27, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
15780	51.24	Peak	H	37.1	17.5	41.9	63.94	73.98	10.04
	39.27	Average	H				51.97	53.98	2.01
	51.64	Peak	V				64.34	73.98	9.64
	39.75	Average	V				52.45	53.98	1.53
Middle Channel									
15900	48.55	Peak	H	37.1	17.5	41.9	61.25	73.98	12.73
	38.33	Average	H				51.03	53.98	2.95
	51.01	Peak	V				63.71	73.98	10.27
	39.5	Average	V				52.2	53.98	1.78
High Channel									
15960	45.14	Peak	H	37.1	17.5	41.9	57.84	73.98	16.14
	32.87	Average	H				45.57	53.98	8.41
	47.73	Peak	V				60.43	73.98	13.55
	36.03	Average	V				48.73	53.98	5.25

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



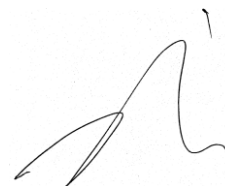
Tested by: Jun-Hui, Lee / Engineer

7.6 Test data for Frequency 5 470 band

7.6.1 Test data for Below 30 MHz

- . Test Date : March 27, 2015
- . Resolution bandwidth : 200 Hz (from 9 kHz to 0.15 MHz), 9 kHz (from 0.15 MHz to 30 MHz)
- . Frequency range : 9 kHz ~ 30 MHz
- . Measurement distance : 3 m

Frequency (MHz)	Reading (dBμV)	Ant. Pol. (H/V)	Ant. Factor (dB/m)	Cable Loss	Amp Gain	Emission Level(dBμV/m)	Limits (dBμV/m)	Margin (dB)
It was not observed any emissions from the EUT.								



Tested by: Jun-Hui, Lee / Engineer

7.6.2 Test data for 30 MHz ~ 1 000 MHz

Humidity Level : 44 % R.H. Temperature: 21.1 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART C, SECTION 15.247

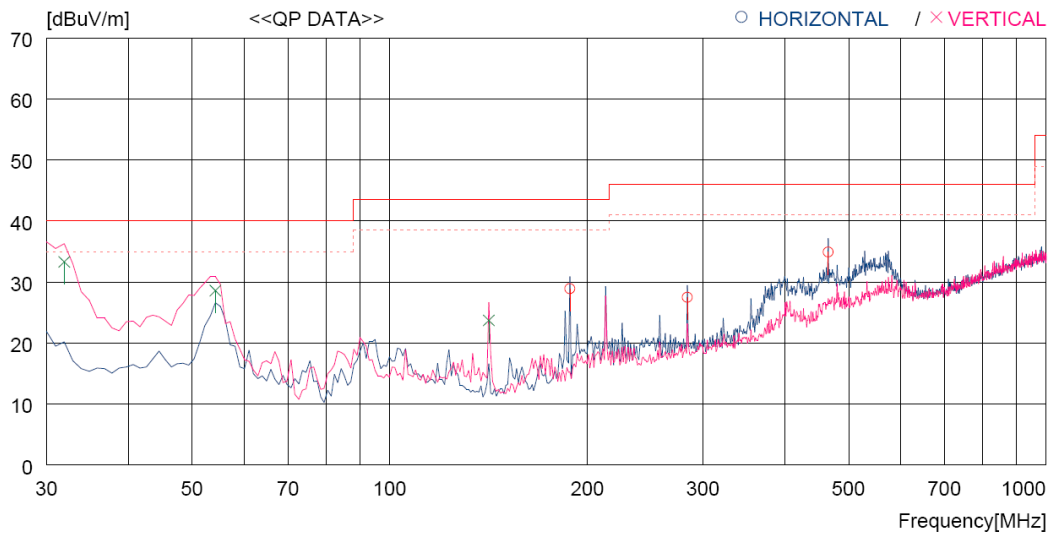
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 27, 2015

Detector : CISPR Quasi-Peak (6 dB Bandwidth: 120 kHz)

Operating condition : Tablet pc Charging Mode



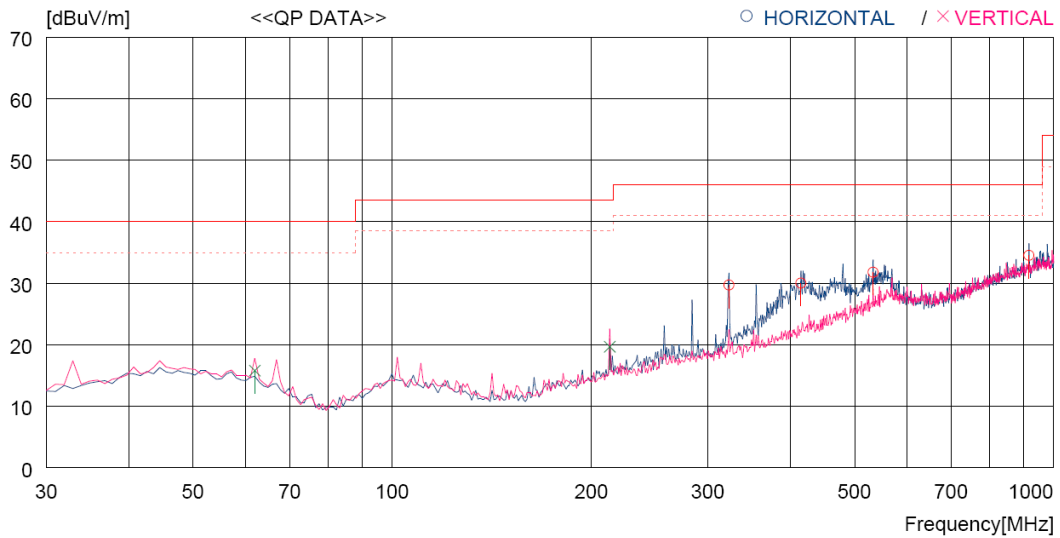
No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	188.110	42.4	10.8	8.7	33.0	28.9	43.5	14.6	200	0
2	284.140	36.7	14.4	9.4	33.0	27.5	46.0	18.5	100	359
3	465.531	39.7	17.9	10.4	33.1	34.9	46.0	11.1	300	359
----- Vertical -----										
4	31.940	46.4	13.1	7.0	33.2	33.3	40.0	6.7	100	250
5	54.250	39.7	14.7	7.4	33.2	28.6	40.0	11.4	100	0
6	141.550	39.3	9.2	8.3	33.1	23.7	43.5	19.8	100	151

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBuV/m) - Emission Level (dBuV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc Portable Portable Mode



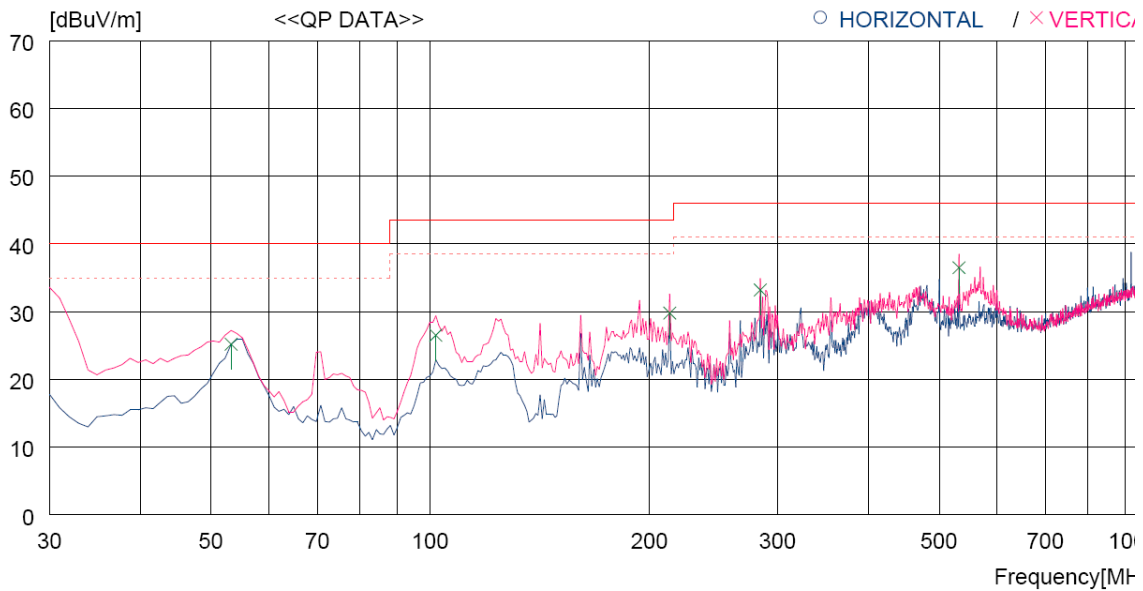
No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	322.940	37.8	15.3	9.6	33.0	29.7	46.0	16.3	100	200
2	415.091	35.7	17.1	10.2	33.0	30.0	46.0	16.0	100	25
3	533.430	35.1	19.1	10.8	33.2	31.8	46.0	14.2	100	320
4	917.538	30.8	23.5	12.5	32.3	34.5	46.0	11.5	100	18
----- Vertical -----										
5	62.010	28.1	13.3	7.5	33.1	15.8	40.0	24.2	100	272
6	213.330	31.2	12.6	8.9	33.0	19.7	43.5	23.8	100	359

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBuV/m) - Emission Level (dBuV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc Cradle Charging Mode



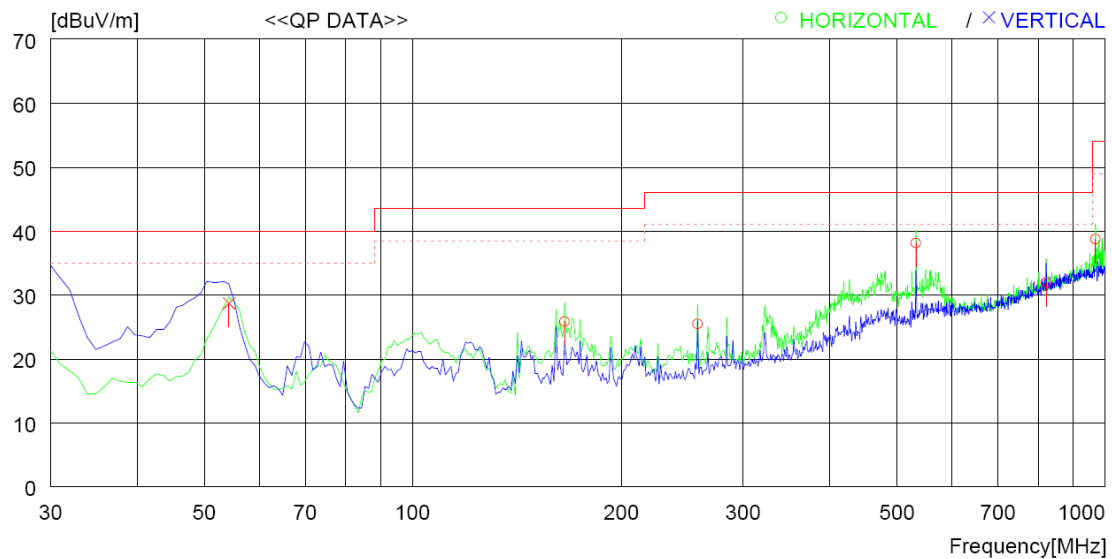
No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	QP	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
		[dBuV]	[dB]							
----- Vertical -----										
1	53.280	36.2	14.8	7.4	33.2	25.2	40.0	14.8	100	264
2	101.780	38.1	13.5	8.0	33.1	26.5	43.5	17.0	100	116
3	213.330	41.3	12.6	8.9	33.0	29.8	43.5	13.7	100	327
4	284.140	42.4	14.4	9.4	33.0	33.2	46.0	12.8	211	359
5	532.460	39.8	19.1	10.8	33.2	36.5	46.0	9.5	100	0
6	979.617	36.3	24.0	12.7	31.8	41.2	54.0	12.8	100	0

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBuV/m) - Emission Level (dBuV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc IC Card Reader Charging Mode



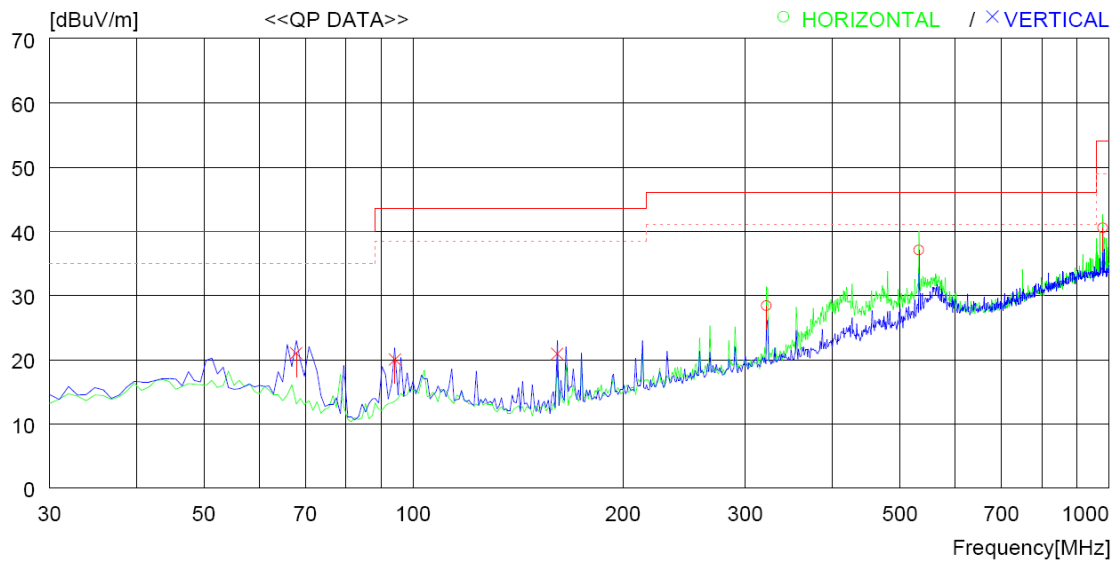
No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	165.800	40.8	8.9	9.1	33.0	25.8	43.5	17.7	200	131
2	257.950	35.5	12.6	10.3	32.9	25.5	46.0	20.5	100	201
3	532.460	40.7	17.9	12.7	33.2	38.1	46.0	7.9	200	123
4	821.511	28.9	21.1	14.8	32.9	31.9	46.0	14.1	100	359
5	968.947	32.5	22.5	15.5	31.8	38.7	54.0	15.3	100	359
----- Vertical -----										
6	54.250	40.9	13.5	7.3	33.0	28.7	40.0	11.3	400	60

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBuV/m) - Emission Level (dBuV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc IC Card Reader Portable Mode



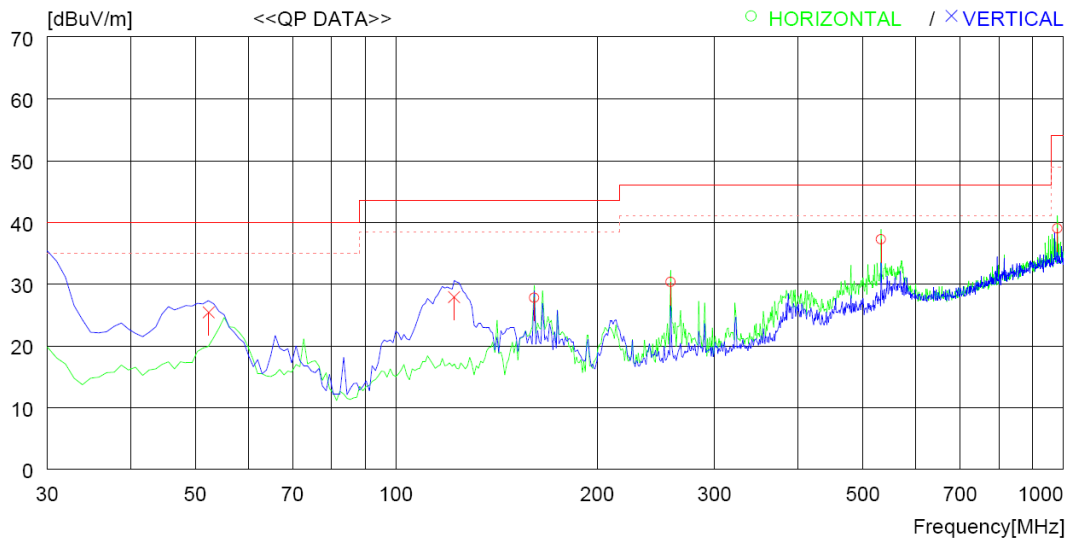
No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA TABLE
----- Horizontal -----									
1	321.970	36.4	14.1	10.8	32.9	28.4	46.0	17.6	100 0
2	532.460	39.6	17.9	12.7	33.2	37.0	46.0	9.0	200 359
3	979.617	34.1	22.6	15.6	31.8	40.5	54.0	13.5	100 0
----- Vertical -----									
4	67.830	35.9	10.5	7.6	33.0	21.0	40.0	19.0	100 359
5	94.020	34.2	10.8	8.1	33.1	20.0	43.5	23.5	100 209
6	160.950	36.2	8.7	9.0	33.0	20.9	43.5	22.6	100 68

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBuV/m) - Emission Level (dBuV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc Barcode Reader Charging Mode



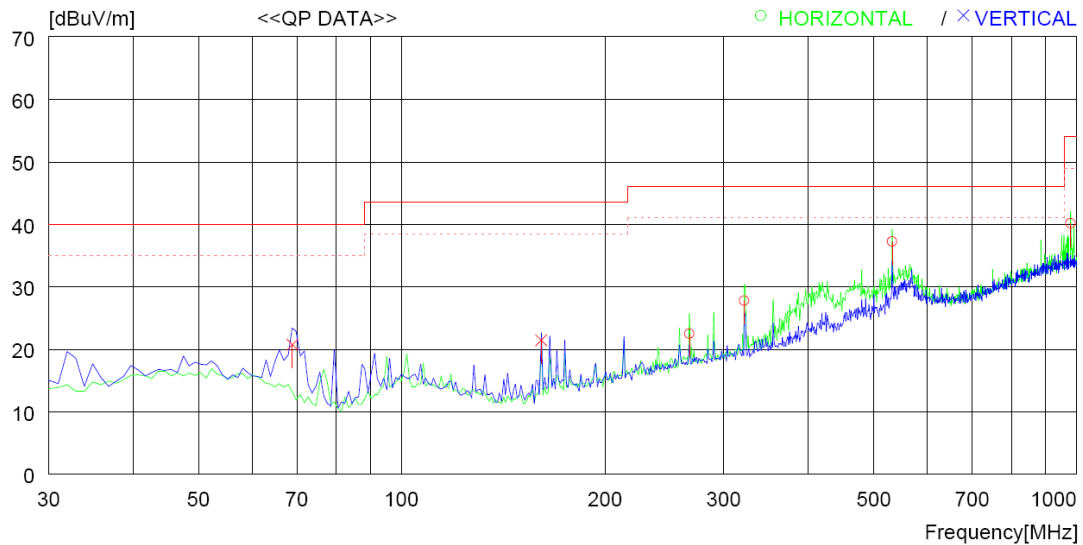
No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	160.950	43.1	8.7	9.0	33.0	27.8	43.5	15.7	300	118
2	257.950	40.3	12.6	10.3	32.9	30.3	46.0	15.7	100	188
3	532.460	39.8	17.9	12.7	33.2	37.2	46.0	8.8	200	0
4	979.617	32.6	22.6	15.6	31.8	39.0	54.0	15.0	100	188
----- Vertical -----										
5	52.310	37.5	13.6	7.3	33.0	25.4	40.0	14.6	100	0
6	122.150	42.3	10.0	8.7	33.1	27.9	43.5	15.6	100	74

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

Operating condition : Tablet pc Barcode Reader Portable Mode



No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	266.680	32.3	12.8	10.3	32.9	22.5	46.0	23.5	100	186
2	321.970	35.8	14.1	10.8	32.9	27.8	46.0	18.2	100	0
3	532.460	39.8	17.9	12.7	33.2	37.2	46.0	8.8	200	359
4	979.617	33.7	22.6	15.6	31.8	40.1	54.0	13.9	100	250
----- Vertical -----										
5	68.800	35.8	10.2	7.7	33.0	20.7	40.0	19.3	200	0
6	160.950	36.7	8.7	9.0	33.0	21.4	43.5	22.1	100	359

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBuV/m) - Emission Level (dBuV/m)

Tested by: Jun-Hui, Lee/ Senior Engineer

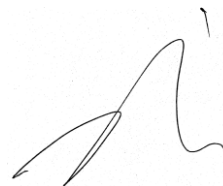
7.6.3 Test data for above 1 GHz

- Test Date : March 27, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
16500	48.58	Peak	H	39.9	17.5	41.5	64.48	73.98	9.5
	36.66	Average	H				52.56	53.98	1.42
	48.7	Peak	V				64.6	73.98	9.38
	35.36	Average	V				51.26	53.98	2.72
Middle Channel									
16800	46.85	Peak	H	40	17.5	41.4	62.95	73.98	11.03
	35.55	Average	H				51.65	53.98	2.33
	48.48	Peak	V				64.58	73.98	9.4
	35.41	Average	V				51.51	53.98	2.47
High Channel									
17100	41.42	Peak	H	40.1	17.5	41.3	57.72	73.98	16.26
	29.71	Average	H				46.01	53.98	7.97
	43.71	Peak	V				60.01	73.98	13.97
	32.29	Average	V				48.59	53.98	5.39

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8. RADIATED RESTRICTED BAND EDGE MEASUREMENTS

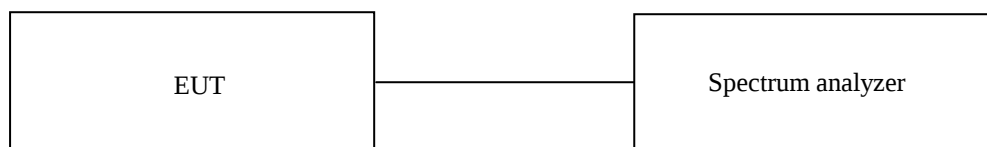
8.1 Operating environment

Temperature : 20 °C
Relative humidity : 45 % R.H.

8.2 Test set-up

The radiated emissions measurements were performed on the 3 m, open-field test site. The EUT was placed on a non-conductive turntable approximately 0.8 m above the ground plane.

The system was rotated 360°, and the antenna was varied in the height between 1.0 m and 4.0 m in order to determine the maximum emission levels. This procedure was performed for horizontal and vertical polarization of the receiving antenna.



8.3 Test equipment used

	Model Number	Manufacturer	Description	Serial Number	Last Cal. (Interval)
□ -	ESCI	Rohde & Schwarz	EMI Test Receiver	101012	Nov. 03, 2014(1Y)
■ -	ESU	Rohde & Schwarz	EMI Test Receiver	100261	Apr. 29, 2014(1Y)
□ -	8564E	HP	Spectrum Analyzer	3650A00756	Apr. 28, 2014(1Y)
□ -	FSP	Rohde & Schwarz	Spectrum Analyzer	100017	Oct. 16, 2014(1Y)
■ -	310N	Sonoma Instrument	AMPLIFIER	312544	Apr. 28, 2014(1Y)
■ -	FSV30	Rohde & Schwarz	Signal Analyzer	101372	Apr. 28, 2014(1Y)
■ -	SCU-18	Rohde & Schwarz	Signal Conditioning Unit	102209	Jun. 12, 2014(1Y)
■ -	MA240	HD GmbH	Antenna Master	N/A	N/A
■ -	HD100	HD GmbH	Position Controller	N/A	N/A
■ -	DS420S	HD GmbH	Turn Table	N/A	N/A
■ -	HFH2-Z2	Rohde & Schwarz	Loop Antenna	879 285/26	Dec. 09, 2014(2Y)
■ -	VULB9163	Schwarzbeck	TRILOG Broadband Antenna	9163-255	May 02, 2014(2Y)
■ -	BBHA9120D	Schwarzbeck	Horn Antenna	BBHA9120D295	Sep. 05, 2013(2Y)
■ -	BBHA9170	Schwarzbeck	Horn Antenna	BBHA9170178	N/A
■ -	83051A	Agilent	Microwave System Preamplifier	3950M00201	Apr. 30, 2014(1Y)

All test equipment used is calibrated on a regular basis.

8.4 Test data for Frequency 5 150 band

8.4.1 Test data for 802.11a RLAN Mode

8.4.1.1 Test data for Antenna 0

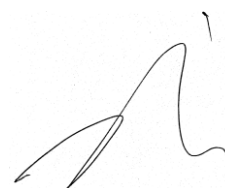
- . Test Date : March 28, 2015
- . Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- . Measurement distance : 3 m
- . Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 149.47	48.52	Peak	H	31.9	12.1	42.2	50.32	74	23.68
	47.07	Average	H				48.87	54	5.13
	51.54	Peak	V				53.34	74	20.66
	40.76	Average	V				42.56	54	11.44

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.4.1.2 Test data for Antenna 1

- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 148.58	50.02	Peak	H	31.9	12.1	42.2	51.82	74	22.18
	38.84	Average	H				40.64	54	13.36
	52.52	Peak	V				54.32	74	19.68
	41.31	Average	V				43.11	54	10.89

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.4.2 Test data for 802.11n_HT20 RLAN Mode

8.4.2.1 Test data for Antenna 0

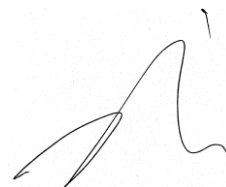
- . Test Date : March 28, 2015
- . Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- . Measurement distance : 3 m
- . Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 149.06	46.48	Peak	H	31.9	12.1	42.2	48.28	74	25.72
	37.91	Average	H				39.71	54	14.29
	50.84	Peak	V				52.64	74	21.36
	41.01	Average	V				42.81	54	11.19

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.4.2.2 Test data for Antenna 1

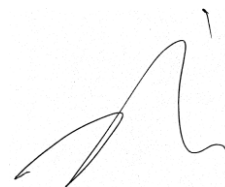
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 149.36	47.74	Peak	H	31.9	12.1	42.2	49.54	74	24.46
	38.55	Average	H				40.35	54	13.65
	51.77	Peak	V				53.57	74	20.43
	42.06	Average	V				43.86	54	10.14

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.4.2.3 Test data for Multiple transmit

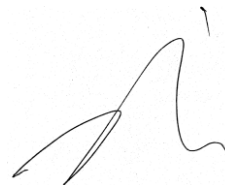
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 147.70	50.16	Peak	H	31.9	12.1	42.2	51.96	74	22.04
	37.5	Average	H				39.3	54	14.7
	53.28	Peak	V				55.08	74	18.92
	40.87	Average	V				42.67	54	11.33

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.4.3 Test data for 802.11n_HT40 RLAN Mode

8.4.3.1 Test data for Antenna 0

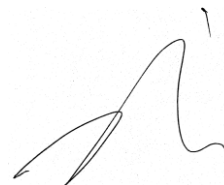
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 149.98	51.28	Peak	H	31.9	12.1	42.2	53.08	74	20.92
	41.15	Average	H				42.95	54	11.05
	54.16	Peak	V				55.96	74	18.04
	43.65	Average	V				45.45	54	8.55

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.4.3.2 Test data for Antenna 1

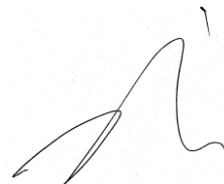
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 148.54	49.74	Peak	H	31.9	12.1	42.2	51.54	74	22.46
	44.77	Average	H				46.57	54	7.43
	53.63	Peak	V				55.43	74	18.57
	45.2	Average	V				47	54	7

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.4.3.3 Test data for Multiple transmit

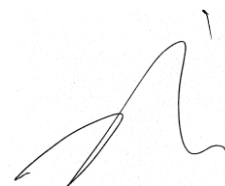
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 149.41	46.65	Peak	H	31.9	12.1	42.2	48.45	74	25.55
	38.59	Average	H				40.39	54	13.61
	51.44	Peak	V				53.24	74	20.76
	41.56	Average	V				43.36	54	10.64

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.4.4 Test data for 802.11ac_VHT80 RLAN Mode

8.4.4.1 Test data for Antenna 0

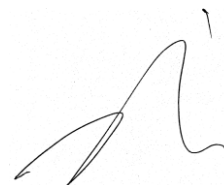
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 148.13	54.18	Peak	H	31.9	12.1	42.2	55.98	74	18.02
	43.81	Average	H				45.61	54	8.39
	61.21	Peak	V				63.01	74	10.99
	48.36	Average	V				50.16	54	3.84

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.4.4.2 Test data for Antenna 1

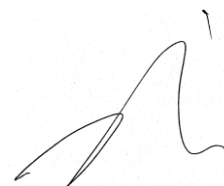
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 146.16	52.18	Peak	H	31.9	12.1	42.2	53.98	74	20.02
	40.87	Average	H				42.67	54	11.33
	59.55	Peak	V				61.35	74	12.65
	45.72	Average	V				47.52	54	6.48

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.4.4.3 Test data for Multiple transmit

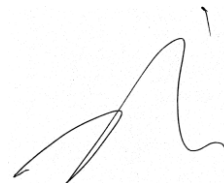
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 145.39	51.66	Peak	H	31.9	12.1	42.2	53.46	74	20.54
	40.44	Average	H				42.24	54	11.76
	54.42	Peak	V				56.22	74	17.78
	43.17	Average	V				44.97	54	9.03

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.5 Test data for Frequency 5 250 band

8.5.1 Test data for 802.11a RLAN Mode

8.5.1.1 Test data for Antenna 0

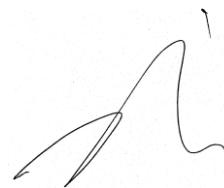
- . Test Date : March 28, 2015
- . Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- . Measurement distance : 3 m
- . Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
High Channel									
5 350.06	47.25	Peak	H	32.1	12.2	42.2	49.35	74	24.65
	40.93	Average	H				43.03	54	10.97
	47.85	Peak	V				49.95	74	24.05
	41.49	Average	V				43.59	54	10.41

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.5.1.2 Test data for Antenna 1

- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
High Channel									
5 350.08	47.08	Peak	H	32.1	12.2	42.2	49.18	74	24.82
	41.22	Average	H				43.32	54	10.68
	48.08	Peak	V				50.18	74	23.82
	41.27	Average	V				43.37	54	10.63

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.5.2 Test data for 802.11n_HT20 RLAN Mode

8.5.2.1 Test data for Antenna 0

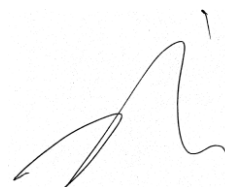
- . Test Date : March 28, 2015
- . Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- . Measurement distance : 3 m
- . Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
High Channel									
5 350.98	46.75	Peak	H	32.1	12.2	42.2	48.85	74	25.15
	41.27	Average	H				43.37	54	10.63
	48.18	Peak	V				50.28	74	23.72
	41.25	Average	V				43.35	54	10.65

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.5.2.2 Test data for Antenna 1

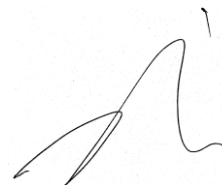
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
High Channel									
5 350.57	47.06	Peak	H	32.1	12.2	42.2	49.16	74	24.84
	41.07	Average	H				43.17	54	10.83
	47.97	Peak	V				50.07	74	23.93
	40.89	Average	V				42.99	54	11.01

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.5.2.3 Test data for Multiple transmit

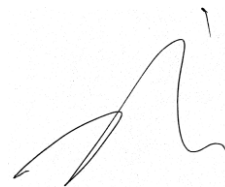
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
High Channel									
5 350.36	46.91	Peak	H	32.1	12.2	42.2	49.01	74	24.99
	40.43	Average	H				42.53	54	11.47
	48.72	Peak	V				50.82	74	23.18
	40.26	Average	V				42.36	54	11.64

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.5.3 Test data for 802.11n_HT40 RLAN Mode

8.5.3.1 Test data for Antenna 0

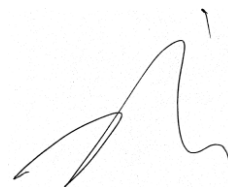
- . Test Date : March 28, 2015
- . Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- . Measurement distance : 3 m
- . Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
High Channel									
5 350.28	47.36	Peak	H	32.1	12.2	42.2	49.46	74	24.54
	40.66	Average	H				42.76	54	11.24
	47.97	Peak	V				50.07	74	23.93
	40.82	Average	V				42.92	54	11.08

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.5.3.2 Test data for Antenna 1

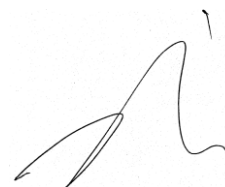
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
High Channel									
5 350.32	49.34	Peak	H	32.1	12.2	42.2	51.44	74	22.56
	40.7	Average	H				42.8	54	11.2
	51.08	Peak	V				53.18	74	20.82
	40.86	Average	V				42.96	54	11.04

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.5.3.3 Test data for Multiple transmit

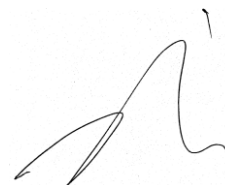
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
High Channel									
5 350.05	47.75	Peak	H	32.1	12.2	42.2	49.85	74	24.15
	39.44	Average	H				41.54	54	12.46
	49.29	Peak	V				51.39	74	22.61
	39.98	Average	V				42.08	54	11.92

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.5.4 Test data for 802.11ac_VHT80 RLAN Mode

8.5.4.1 Test data for Antenna 0

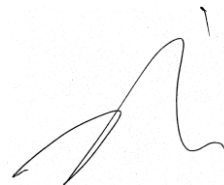
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
High Channel									
5 350.15	49.9	Peak	H	32.1	12.2	42.2	52	74	22
	40.84	Average	H				42.94	54	11.06
	53.09	Peak	V				55.19	74	18.81
	42.72	Average	V				44.82	54	9.18

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dBμV/m)} - \text{Emission Level (dBμV/m)}$$



Tested by: Jun-Hui, Lee / Engineer

8.5.4.2 Test data for Antenna 1

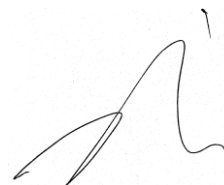
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
High Channel									
5 350.10	51.76	Peak	H	32.1	12.2	42.2	53.86	74	20.14
	41.99	Average	H				44.09	54	9.91
	54.94	Peak	V				57.04	74	16.96
	43.98	Average	V				46.08	54	7.92

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Emission Level (dB}\mu\text{V/m)}$$



Tested by: Jun-Hui, Lee / Engineer

8.5.4.3 Test data for Multiple transmit

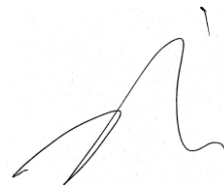
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
High Channel									
5 350.21	48.99	Peak	H	32.1	12.2	42.2	51.09	74	22.91
	40.06	Average	H				42.16	54	11.84
	51.01	Peak	V				53.11	74	20.89
	41.74	Average	V				43.84	54	10.16

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Emission Level (dB}\mu\text{V/m)}$$



Tested by: Jun-Hui, Lee / Engineer

8.6 Test data for Frequency 5 470 band

8.6.1 Test data for 802.11a RLAN Mode

8.6.1.1 Test data for Antenna 0

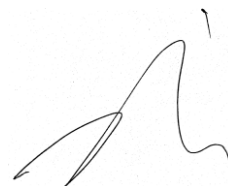
- . Test Date : March 28, 2015
- . Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- . Measurement distance : 3 m
- . Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 460.00	43.35	Peak	H	31.9	12.1	42.2	45.15	74	28.85
	35.45	Average	H				37.25	54	16.75
	43.88	Peak	V				45.68	74	28.32
	35.63	Average	V				37.43	54	16.57

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.6.1.2 Test data for Antenna 1

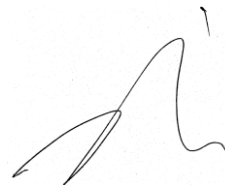
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 460.00	43.32	Peak	H	31.9	12.1	42.2	45.12	74	28.88
	35.48	Average	H				37.28	54	16.72
	43.77	Peak	V				45.57	74	28.43
	35.84	Average	V				37.64	54	16.36

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.6.2 Test data for 802.11n_HT20 RLAN Mode

8.6.2.1 Test data for Antenna 0

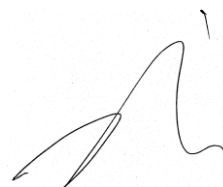
- . Test Date : March 28, 2015
- . Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- . Measurement distance : 3 m
- . Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 460.00	43.99	Peak	H	31.9	12.1	42.2	45.79	74	28.21
	36.18	Average	H				37.98	54	16.02
	44.01	Peak	V				45.81	74	28.19
	35.85	Average	V				37.65	54	16.35

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.6.2.2 Test data for Antenna 1

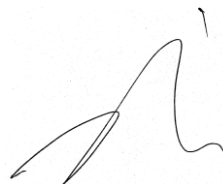
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 460.00	43.58	Peak	H	31.9	12.1	42.2	45.38	74	28.62
	35.63	Average	H				37.43	54	16.57
	43.77	Peak	V				45.57	74	28.43
	35.65	Average	V				37.45	54	16.55

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.6.2.3 Test data for Multiple transmit

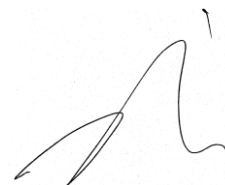
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 460.00	43.55	Peak	H	31.9	12.1	42.2	45.35	74	28.65
	35.76	Average	H				37.56	54	16.44
	43.48	Peak	V				45.28	74	28.72
	36.2	Average	V				38	54	16

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.6.3 Test data for 802.11n_HT40 RLAN Mode

8.6.3.1 Test data for Antenna 0

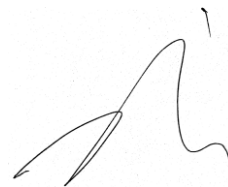
- . Test Date : March 28, 2015
- . Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- . Measurement distance : 3 m
- . Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 460.00	44.04	Peak	H	31.9	12.1	42.2	45.84	74	28.16
	36.18	Average	H				37.98	54	16.02
	43.46	Peak	V				45.26	74	28.74
	35.64	Average	V				37.44	54	16.56

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.6.3.2 Test data for Antenna 1

- . Test Date : March 28, 2015
- . Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- . Measurement distance : 3 m
- . Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 460.00	43.39	Peak	H	31.9	12.1	42.2	45.19	74	28.81
	35.89	Average	H				37.69	54	16.31
	44.07	Peak	V				45.87	74	28.13
	36.06	Average	V				37.86	54	16.14

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.6.3.3 Test data for Multiple transmit

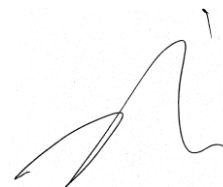
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 460.00	43.59	Peak	H	31.9	12.1	42.2	45.39	74	28.61
	35.53	Average	H				37.33	54	16.67
	43.78	Peak	V				45.58	74	28.42
	36.01	Average	V				37.81	54	16.19

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Emission Level (dB}\mu\text{V/m)}$$



Tested by: Jun-Hui, Lee / Engineer

8.6.4 Test data for 802.11ac_VHT80 RLAN Mode

8.6.4.1 Test data for Antenna 0

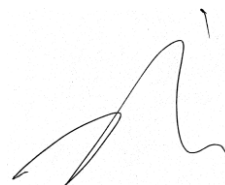
- . Test Date : March 28, 2015
- . Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- . Measurement distance : 3 m
- . Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 460.00	43.93	Peak	H	31.9	12.1	42.2	45.73	74	28.27
	36.04	Average	H				37.84	54	16.16
	43.51	Peak	V				45.31	74	28.69
	35.51	Average	V				37.31	54	16.69

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.6.4.2 Test data for Antenna 1

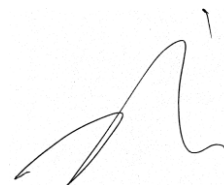
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 460.00	43.82	Peak	H	31.9	12.1	42.2	45.62	74	28.38
	36.04	Average	H				37.84	54	16.16
	44.03	Peak	V				45.83	74	28.17
	36.25	Average	V				38.05	54	15.95

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

8.6.4.3 Test data for Multiple transmit

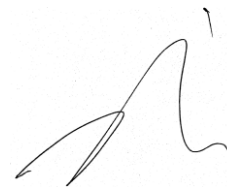
- Test Date : March 28, 2015
- Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 1 MHz for Peak Mode, 10 Hz for Average Mode
- Measurement distance : 3 m
- Result : Pass

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Low Channel									
5 460.00	43.88	Peak	H	31.9	12.1	42.2	45.68	74	28.32
	35.91	Average	H				37.71	54	16.29
	43.53	Peak	V				45.33	74	28.67
	36.05	Average	V				37.85	54	16.15

Tabulated test data for Restricted Band

Remark - "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m)



Tested by: Jun-Hui, Lee / Engineer

9. Conducted Emission Test

9.1 Test data for Frequency 5 150 band

9.1.1 Test data for charging mode

Humidity Level : (41 ~ 42) % R.H.

Temperature: 22 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.207(a)

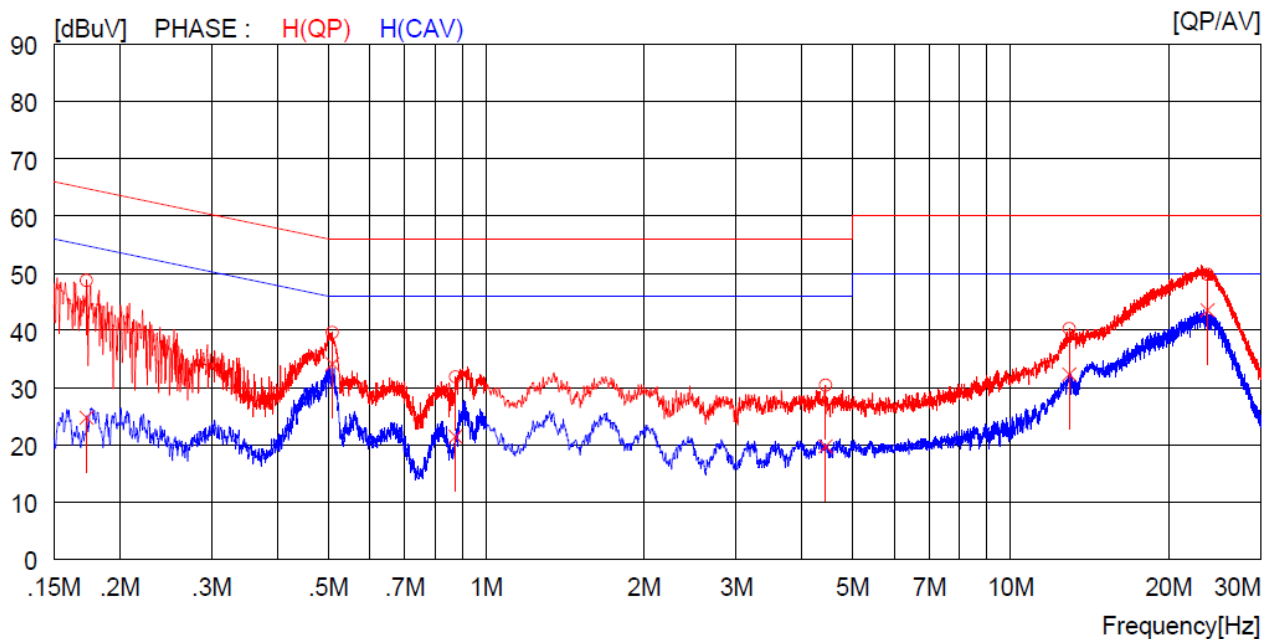
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 28, 2015

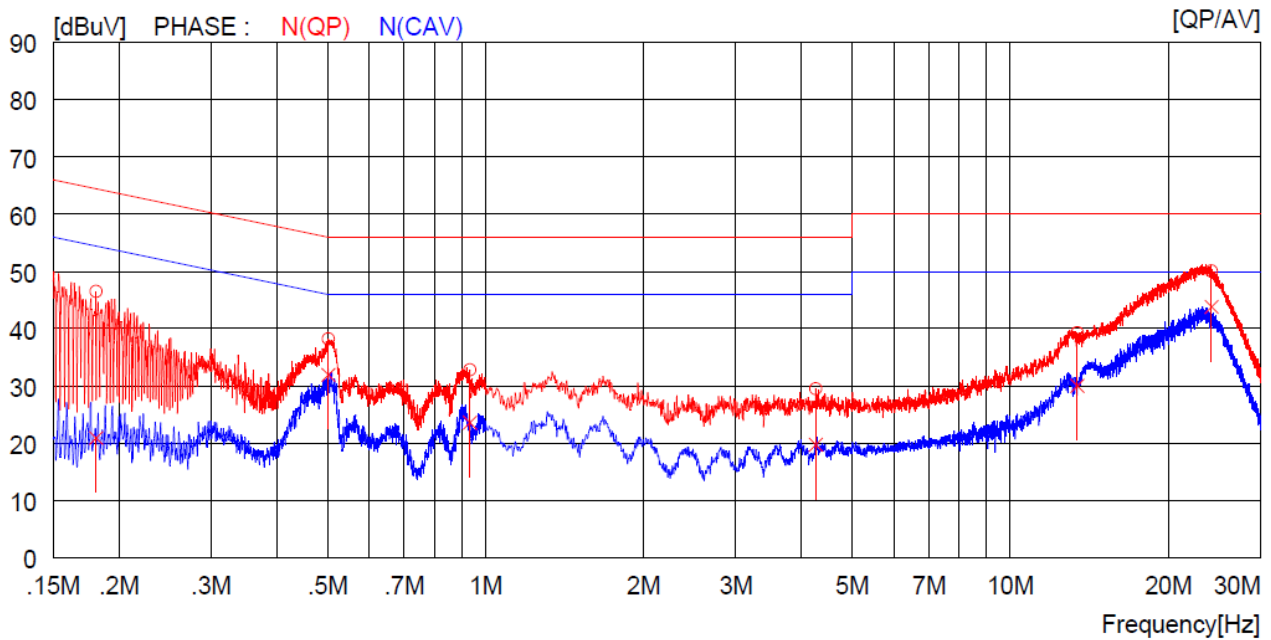
Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Tested Line : HOT LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17300	38.8	----	9.9	48.7	----	64.8	----	16.1	----	H (QP)
2	0.50900	29.6	----	10.0	39.6	----	56.0	----	16.4	----	H (QP)
3	0.87400	21.9	----	10.0	31.9	----	56.0	----	24.1	----	H (QP)
4	4.44000	20.4	----	10.0	30.4	----	56.0	----	25.6	----	H (QP)
5	12.94000	30.1	----	10.2	40.3	----	60.0	----	19.7	----	H (QP)
6	23.72000	39.6	----	10.2	49.8	----	60.0	----	10.2	----	H (QP)
7	0.17300	----	14.8	9.9	----	24.7	----	54.8	----	30.1	H (CAV)
8	0.50900	----	24.1	10.0	----	34.1	----	46.0	----	11.9	H (CAV)
9	0.87400	----	11.4	10.0	----	21.4	----	46.0	----	24.6	H (CAV)
10	4.44000	----	9.7	10.0	----	19.7	----	46.0	----	26.3	H (CAV)
11	12.94000	----	22.1	10.2	----	32.3	----	50.0	----	17.7	H (CAV)
12	23.72000	----	33.3	10.2	----	43.5	----	50.0	----	6.5	H (CAV)

Tested Line : NEUTRAL LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.18100	36.6	----	9.9	46.5	----	64.4	----	17.9	----	N (QP)
2	0.50200	28.2	----	10.0	38.2	----	56.0	----	17.8	----	N (QP)
3	0.93400	22.8	----	10.0	32.8	----	56.0	----	23.2	----	N (QP)
4	4.26000	19.5	----	10.0	29.5	----	56.0	----	26.5	----	N (QP)
5	13.43000	29.1	----	10.2	39.3	----	60.0	----	20.7	----	N (QP)
6	24.19000	39.9	----	10.2	50.1	----	60.0	----	9.9	----	N (QP)
7	0.18100	----	11.0	9.9	----	20.9	----	54.4	----	33.5	N (CAV)
8	0.50200	----	21.9	10.0	----	31.9	----	46.0	----	14.1	N (CAV)
9	0.93400	----	13.6	10.0	----	23.6	----	46.0	----	22.4	N (CAV)
10	4.26000	----	9.7	10.0	----	19.7	----	46.0	----	26.3	N (CAV)
11	13.43000	----	19.8	10.2	----	30.0	----	50.0	----	20.0	N (CAV)
12	24.19000	----	33.6	10.2	----	43.8	----	50.0	----	6.2	N (CAV)

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.

Tested by: Jun-Hui, Lee / Senior Engineer

9.1.2 Test data for IC mode

Humidity Level : (41 ~ 42) % R.H.

Temperature: 22 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.207(a)

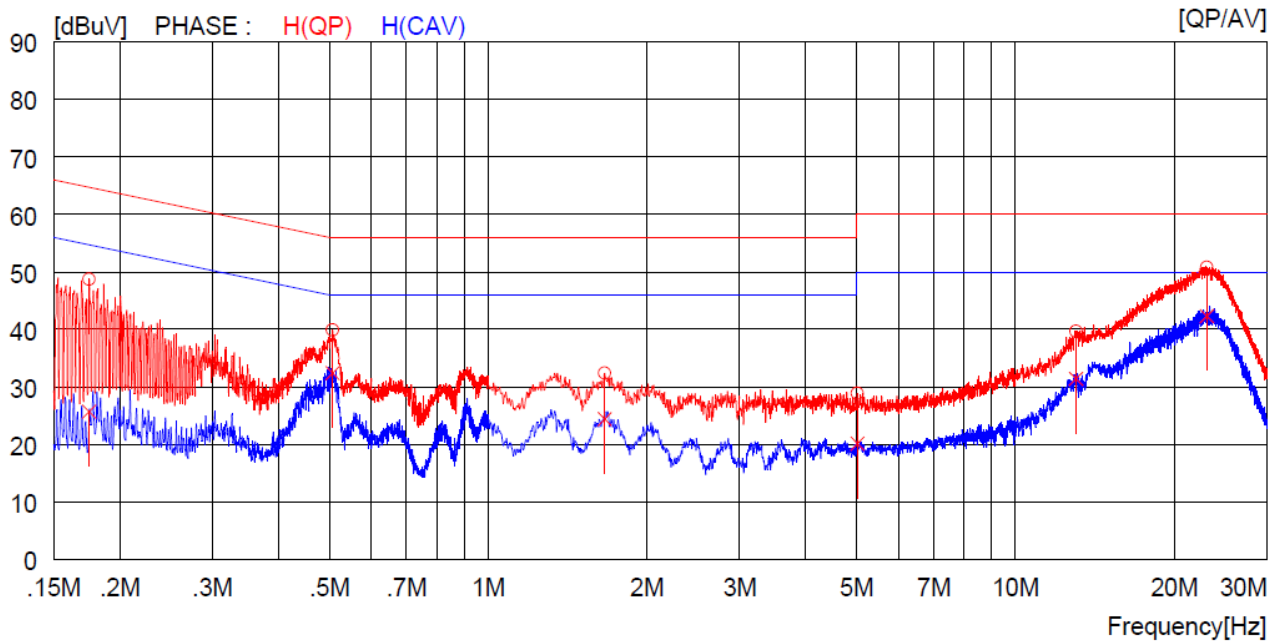
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 28, 2015

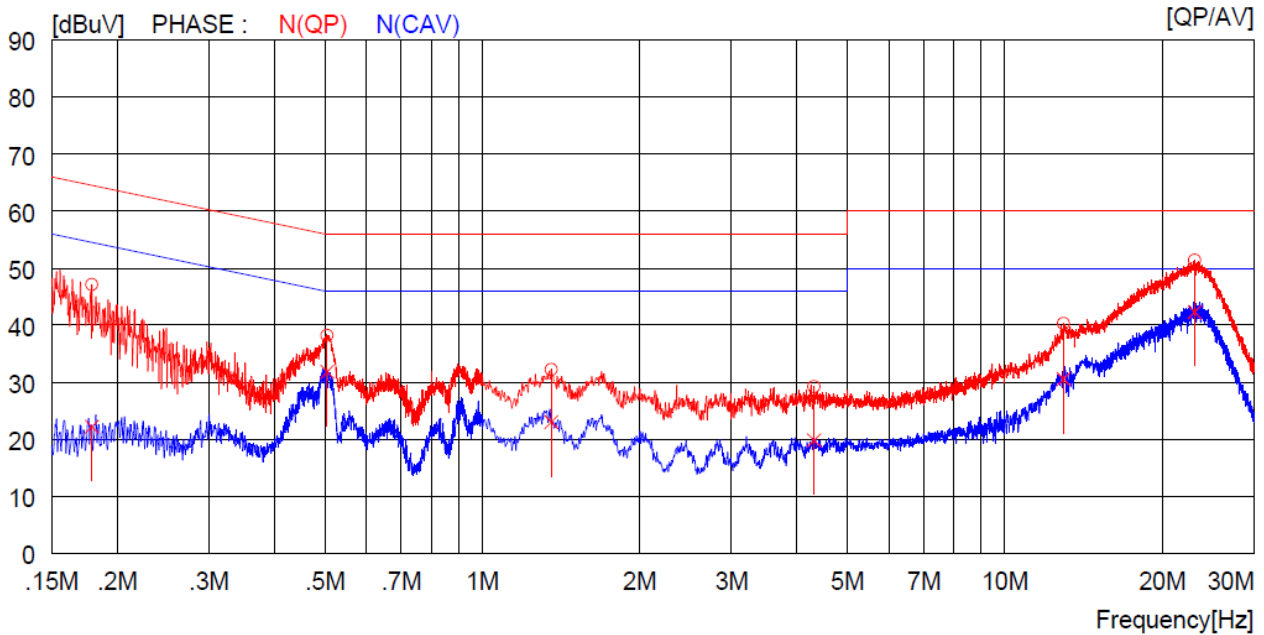
Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Tested Line : HOT LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17500	38.8	----	9.9	48.7	----	64.7	----	16.0	----	H (QP)
2	0.50700	29.9	----	10.0	39.9	----	56.0	----	16.1	----	H (QP)
3	1.66400	22.4	----	10.0	32.4	----	56.0	----	23.6	----	H (QP)
4	5.01500	18.9	----	10.0	28.9	----	60.0	----	31.1	----	H (QP)
5	13.03000	29.5	----	10.2	39.7	----	60.0	----	20.3	----	H (QP)
6	23.07000	40.6	----	10.2	50.8	----	60.0	----	9.2	----	H (QP)
7	0.17500	----	15.8	9.9	----	25.7	----	54.7	----	29.0	H (CAV)
8	0.50700	----	22.4	10.0	----	32.4	----	46.0	----	13.6	H (CAV)
9	1.66400	----	14.4	10.0	----	24.4	----	46.0	----	21.6	H (CAV)
10	5.01500	----	10.1	10.0	----	20.1	----	50.0	----	29.9	H (CAV)
11	13.03000	----	21.2	10.2	----	31.4	----	50.0	----	18.6	H (CAV)
12	23.07000	----	32.1	10.2	----	42.3	----	50.0	----	7.7	H (CAV)

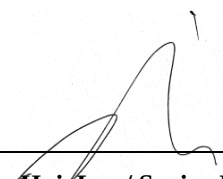
Tested Line : NEUTRAL LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17900	37.2	----	9.9	47.1	----	64.5	----	17.4	----	N (QP)
2	0.50500	28.2	----	10.0	38.2	----	56.0	----	17.8	----	N (QP)
3	1.35600	22.2	----	10.0	32.2	----	56.0	----	23.8	----	N (QP)
4	4.31600	19.2	----	10.0	29.2	----	56.0	----	26.8	----	N (QP)
5	12.96000	30.1	----	10.2	40.3	----	60.0	----	19.7	----	N (QP)
6	23.09000	41.2	----	10.2	51.4	----	60.0	----	8.6	----	N (QP)
7	0.17900	----	12.3	9.9	----	22.2	----	54.5	----	32.3	N (CAV)
8	0.50500	----	21.8	10.0	----	31.8	----	46.0	----	14.2	N (CAV)
9	1.35600	----	13.0	10.0	----	23.0	----	46.0	----	23.0	N (CAV)
10	4.31600	----	9.8	10.0	----	19.8	----	46.0	----	26.2	N (CAV)
11	12.96000	----	20.3	10.2	----	30.5	----	50.0	----	19.5	N (CAV)
12	23.09000	----	32.1	10.2	----	42.3	----	50.0	----	7.7	N (CAV)

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.


Tested by: Jun-Hui, Lee / Senior Engineer

9.1.3 Test data for cradle mode

Humidity Level : (41 ~ 42) % R.H.

Temperature: 22 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.207(a)

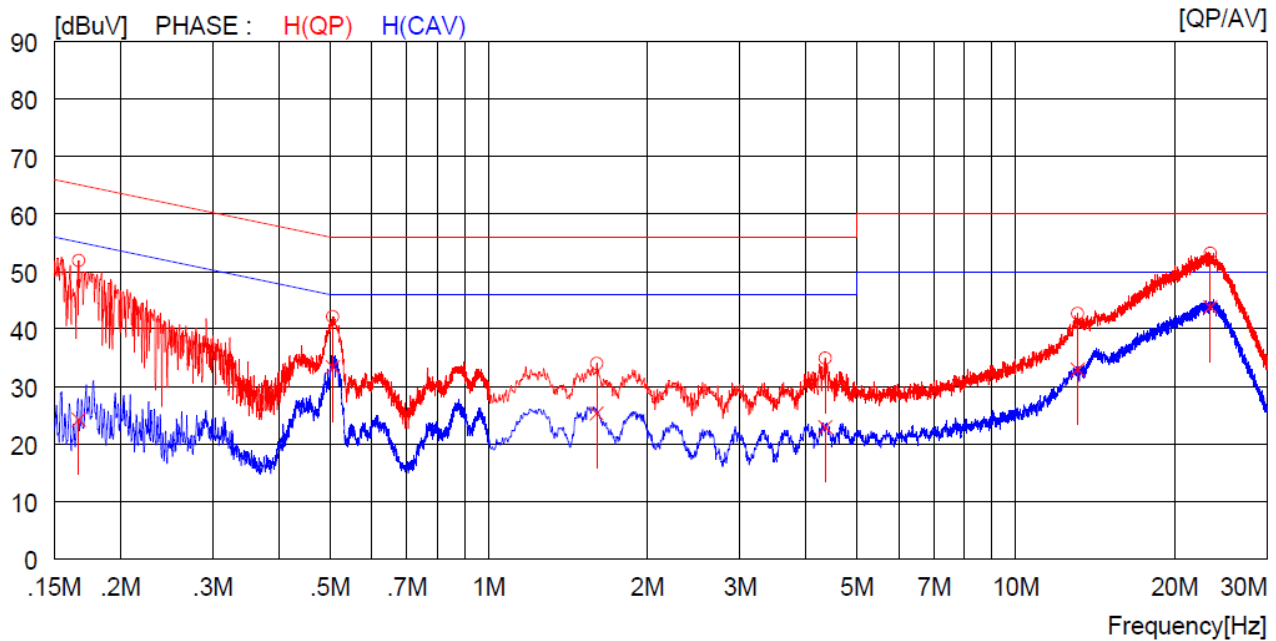
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 28, 2015

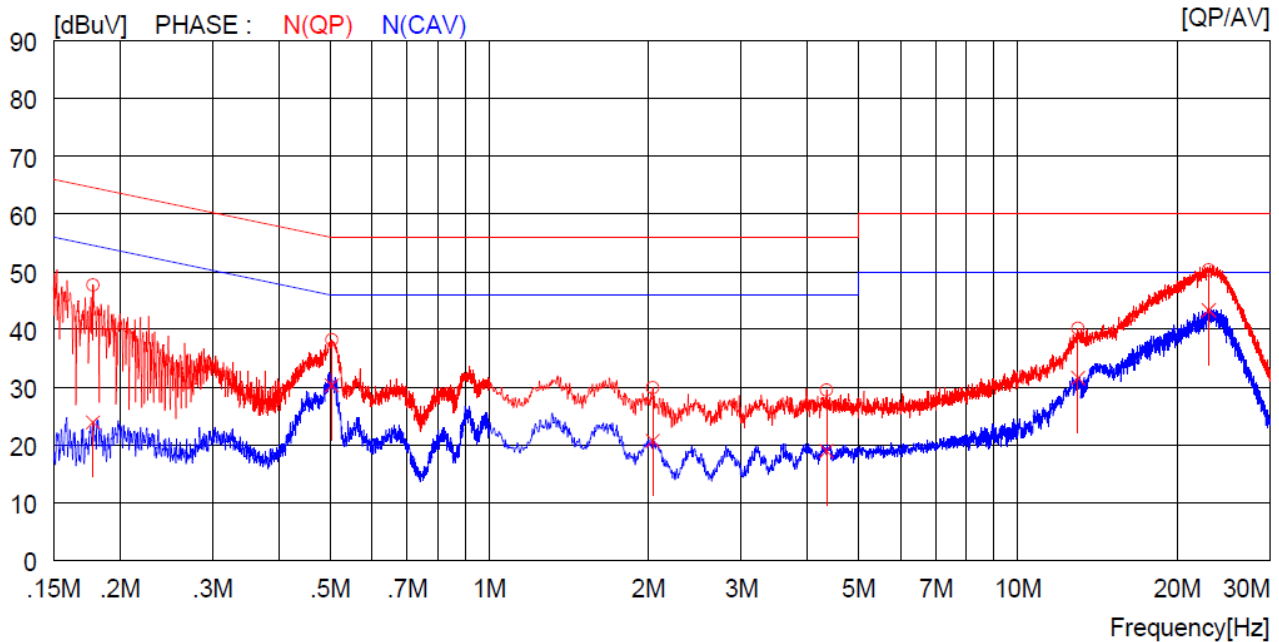
Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Tested Line : HOT LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.16700	42.0	----	9.9	51.9	----	65.1	----	13.2	----	H (QP)
2	0.50600	32.1	----	10.0	42.1	----	56.0	----	13.9	----	H (QP)
3	1.60400	24.0	----	10.0	34.0	----	56.0	----	22.0	----	H (QP)
4	4.35200	24.9	----	10.0	34.9	----	56.0	----	21.1	----	H (QP)
5	13.11000	32.5	----	10.2	42.7	----	60.0	----	17.3	----	H (QP)
6	23.41000	43.0	----	10.2	53.2	----	60.0	----	6.8	----	H (QP)
7	0.16700	----	14.3	9.9	----	24.2	----	55.1	----	30.9	H (CAV)
8	0.50600	----	23.4	10.0	----	33.4	----	46.0	----	12.6	H (CAV)
9	1.60400	----	15.3	10.0	----	25.3	----	46.0	----	20.7	H (CAV)
10	4.35200	----	12.9	10.0	----	22.9	----	46.0	----	23.1	H (CAV)
11	13.11000	----	22.7	10.2	----	32.9	----	50.0	----	17.1	H (CAV)
12	23.41000	----	33.6	10.2	----	43.8	----	50.0	----	6.2	H (CAV)

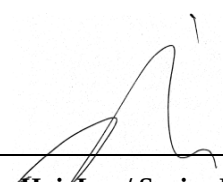
Tested Line : NEUTRAL LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17800	37.8	----	9.9	47.7	----	64.6	----	16.9	----	N (QP)
2	0.50400	28.2	----	10.0	38.2	----	56.0	----	17.8	----	N (QP)
3	2.04000	19.9	----	10.0	29.9	----	56.0	----	26.1	----	N (QP)
4	4.34400	19.5	----	10.0	29.5	----	56.0	----	26.5	----	N (QP)
5	13.00000	30.0	----	10.2	40.2	----	60.0	----	19.8	----	N (QP)
6	22.97000	40.1	----	10.2	50.3	----	60.0	----	9.7	----	N (QP)
7	0.17800	----	14.0	9.9	----	23.9	----	54.6	----	30.7	N (CAV)
8	0.50400	----	20.3	10.0	----	30.3	----	46.0	----	15.7	N (CAV)
9	2.04000	----	10.7	10.0	----	20.7	----	46.0	----	25.3	N (CAV)
10	4.34400	----	9.0	10.0	----	19.0	----	46.0	----	27.0	N (CAV)
11	13.00000	----	21.4	10.2	----	31.6	----	50.0	----	18.4	N (CAV)
12	22.97000	----	33.1	10.2	----	43.3	----	50.0	----	6.7	N (CAV)

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.


 Tested by: Jun-Hui, Lee / Senior Engineer

9.1.4 Test data for barcode mode

Humidity Level : (41 ~ 42) % R.H.

Temperature: 22 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.207(a)

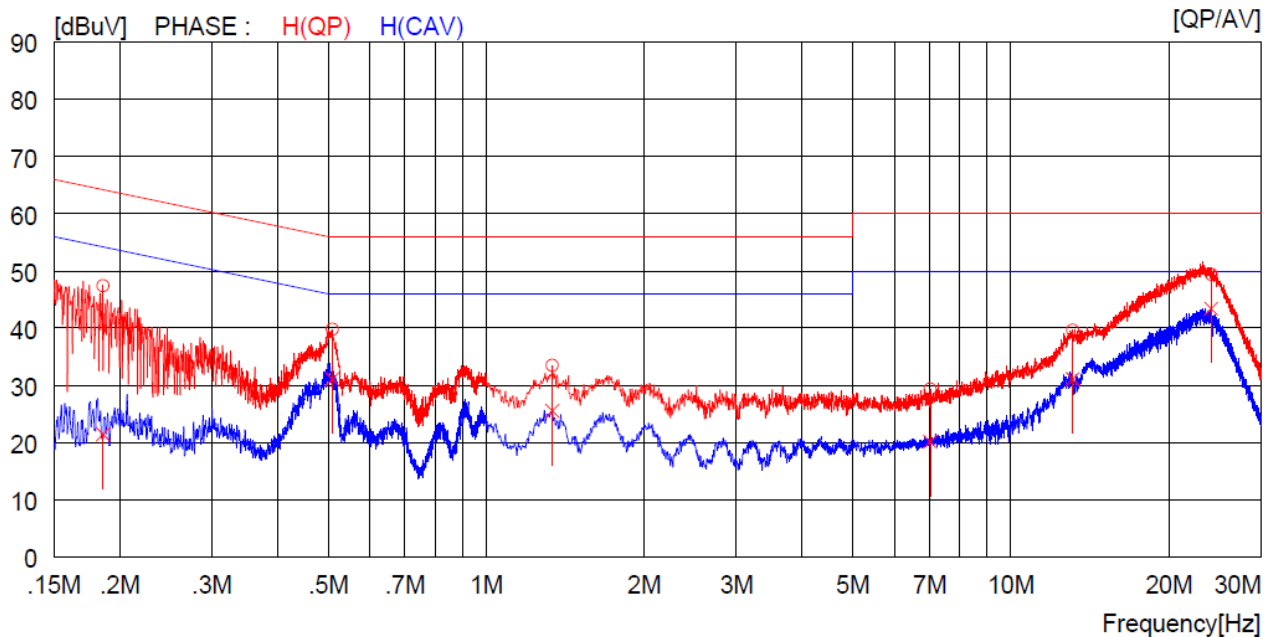
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 28, 2015

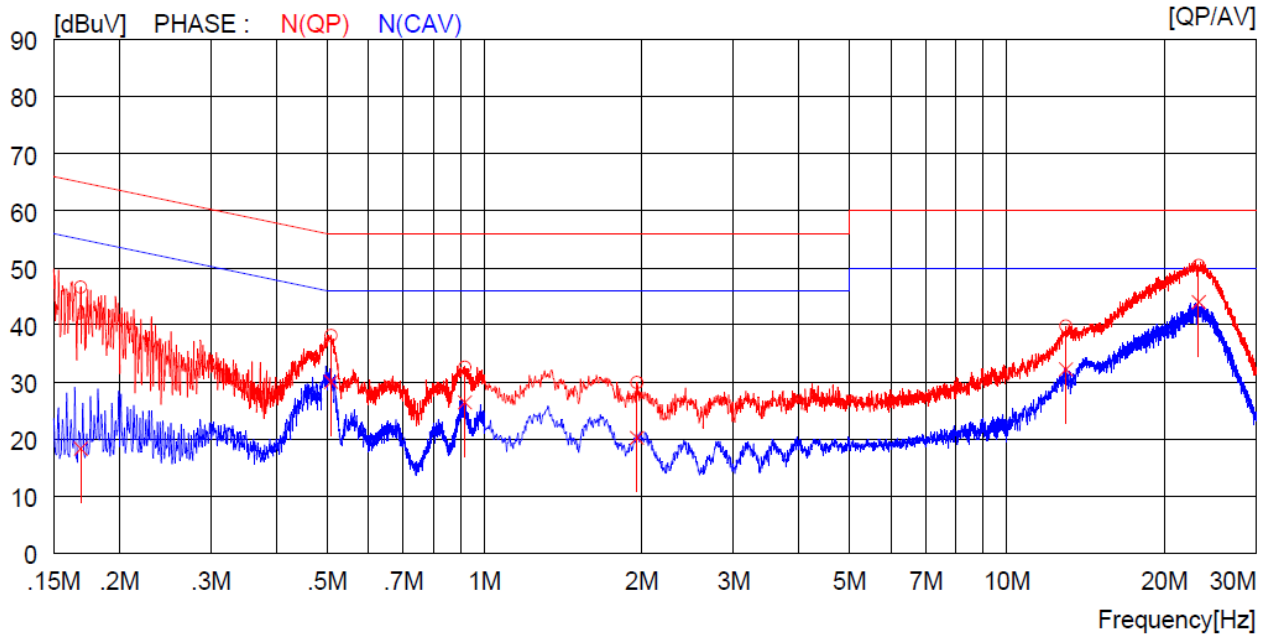
Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Tested Line : HOT LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.18600	37.5	----	9.9	47.4	----	64.2	----	16.8	----	H (QP)
2	0.50900	29.8	----	10.0	39.8	----	56.0	----	16.2	----	H (QP)
3	1.33600	23.5	----	10.0	33.5	----	56.0	----	22.5	----	H (QP)
4	7.02000	19.3	----	10.0	29.3	----	60.0	----	30.7	----	H (QP)
5	13.12000	29.4	----	10.2	39.6	----	60.0	----	20.4	----	H (QP)
6	24.10000	39.2	----	10.2	49.4	----	60.0	----	10.6	----	H (QP)
7	0.18600	----	11.5	9.9	----	21.4	----	54.2	----	32.8	H (CAV)
8	0.50900	----	21.1	10.0	----	31.1	----	46.0	----	14.9	H (CAV)
9	1.33600	----	15.5	10.0	----	25.5	----	46.0	----	20.5	H (CAV)
10	7.02000	----	10.1	10.0	----	20.1	----	50.0	----	29.9	H (CAV)
11	13.12000	----	20.9	10.2	----	31.1	----	50.0	----	18.9	H (CAV)
12	24.10000	----	33.2	10.2	----	43.4	----	50.0	----	6.6	H (CAV)

Tested Line : NEUTRAL LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.16900	36.7	----	9.9	46.6	----	65.0	----	18.4	----	N (QP)
2	0.50900	28.1	----	10.0	38.1	----	56.0	----	17.9	----	N (QP)
3	0.91800	22.6	----	10.0	32.6	----	56.0	----	23.4	----	N (QP)
4	1.96000	19.9	----	10.0	29.9	----	56.0	----	26.1	----	N (QP)
5	12.98000	29.6	----	10.2	39.8	----	60.0	----	20.2	----	N (QP)
6	23.30000	40.2	----	10.2	50.4	----	60.0	----	9.6	----	N (QP)
7	0.16900	----	8.4	9.9	----	18.3	----	55.0	----	36.7	N (CAV)
8	0.50900	----	20.0	10.0	----	30.0	----	46.0	----	16.0	N (CAV)
9	0.91800	----	16.4	10.0	----	26.4	----	46.0	----	19.6	N (CAV)
10	1.96000	----	10.2	10.0	----	20.2	----	46.0	----	25.8	N (CAV)
11	12.98000	----	22.0	10.2	----	32.2	----	50.0	----	17.8	N (CAV)
12	23.30000	----	33.8	10.2	----	44.0	----	50.0	----	6.0	N (CAV)

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.

Tested by: Jun-Hui, Lee / Senior Engineer

9.2 Test data for Frequency 5 250 band

9.2.1 Test data for charging mode

Humidity Level : (41 ~ 42) % R.H.

Temperature: 22 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.207(a)

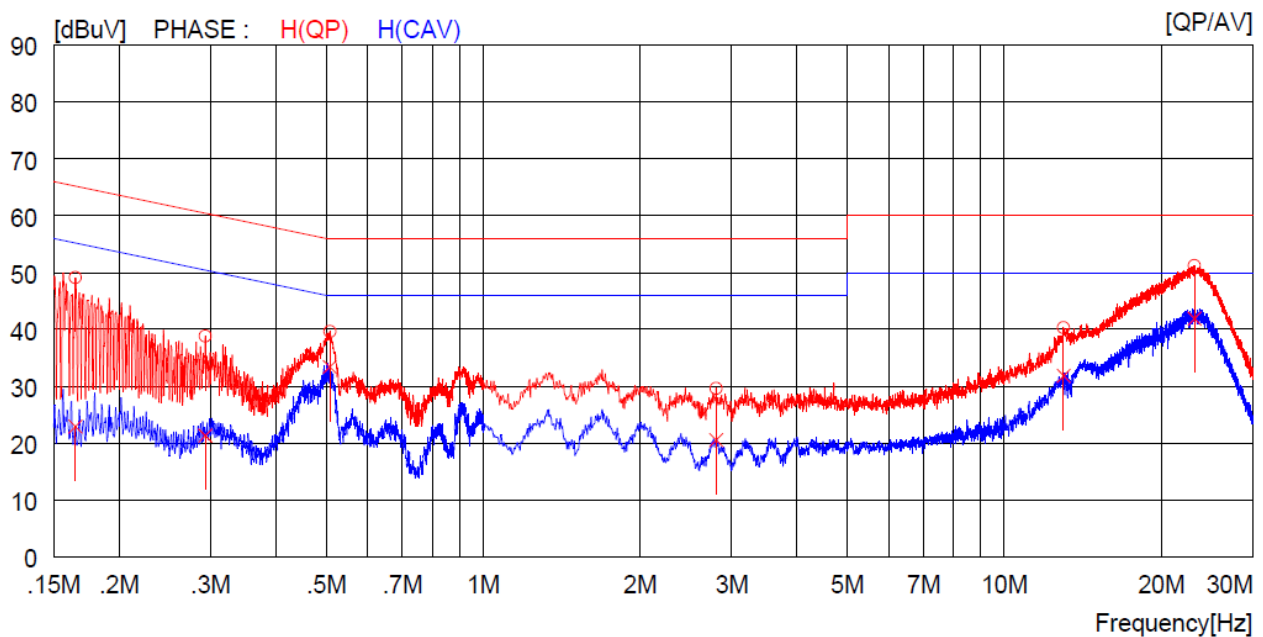
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 28, 2015

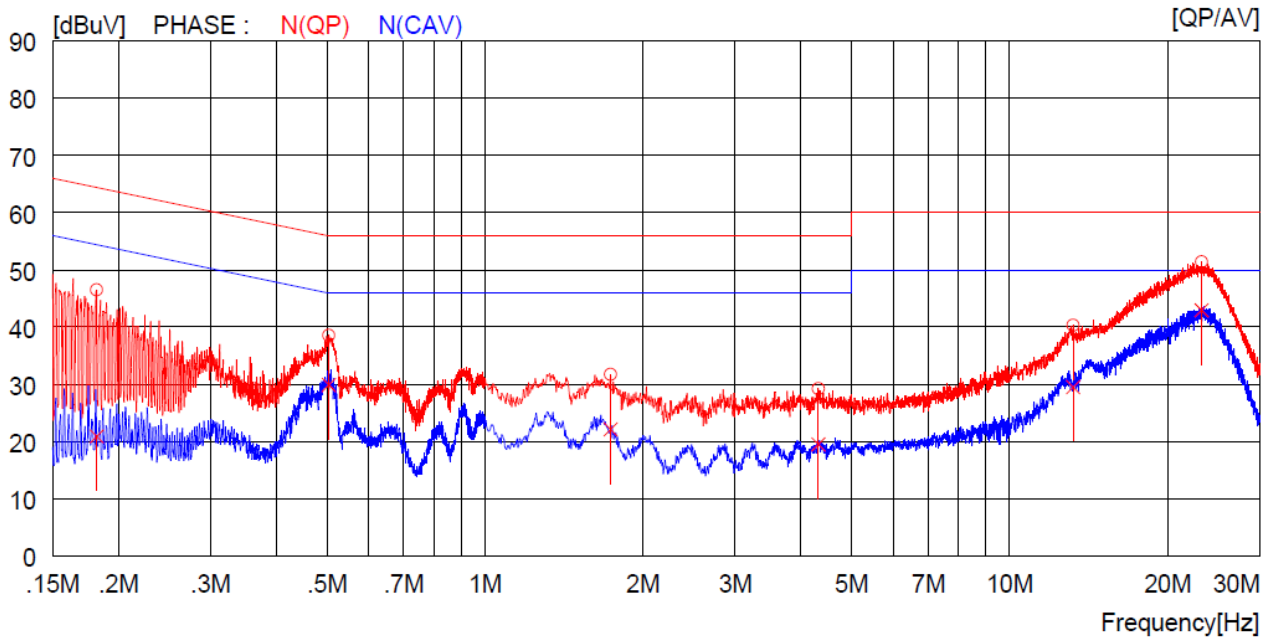
Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Tested Line : HOT LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.16500	39.2	----	9.9	49.1	----	65.2	----	16.1	----	H (QP)
2	0.29300	28.9	----	9.9	38.8	----	60.4	----	21.6	----	H (QP)
3	0.50800	29.6	----	10.0	39.6	----	56.0	----	16.4	----	H (QP)
4	2.80000	19.6	----	10.0	29.6	----	56.0	----	26.4	----	H (QP)
5	13.00000	30.1	----	10.2	40.3	----	60.0	----	19.7	----	H (QP)
6	23.18000	41.0	----	10.2	51.2	----	60.0	----	8.8	----	H (QP)
7	0.16500	----	13.0	9.9	----	22.9	----	55.2	----	32.3	H (CAV)
8	0.29300	----	11.4	9.9	----	21.3	----	50.4	----	29.1	H (CAV)
9	0.50800	----	23.4	10.0	----	33.4	----	46.0	----	12.6	H (CAV)
10	2.80000	----	10.5	10.0	----	20.5	----	46.0	----	25.5	H (CAV)
11	13.00000	----	21.6	10.2	----	31.8	----	50.0	----	18.2	H (CAV)
12	23.18000	----	31.7	10.2	----	41.9	----	50.0	----	8.1	H (CAV)

Tested Line : NEUTRAL LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.18200	36.6	----	9.9	46.5	----	64.4	----	17.9	----	N (QP)
2	0.50400	28.5	----	10.0	38.5	----	56.0	----	17.5	----	N (QP)
3	1.73600	21.7	----	10.0	31.7	----	56.0	----	24.3	----	N (QP)
4	4.32000	19.2	----	10.0	29.2	----	56.0	----	26.8	----	N (QP)
5	13.22000	30.1	----	10.2	40.3	----	60.0	----	19.7	----	N (QP)
6	23.23000	41.2	----	10.2	51.4	----	60.0	----	8.6	----	N (QP)
7	0.18200	----	11.0	9.9	----	20.9	----	54.4	----	33.5	N (CAV)
8	0.50400	----	19.9	10.0	----	29.9	----	46.0	----	16.1	N (CAV)
9	1.73600	----	12.1	10.0	----	22.1	----	46.0	----	23.9	N (CAV)
10	4.32000	----	9.5	10.0	----	19.5	----	46.0	----	26.5	N (CAV)
11	13.22000	----	19.3	10.2	----	29.5	----	50.0	----	20.5	N (CAV)
12	23.23000	----	32.7	10.2	----	42.9	----	50.0	----	7.1	N (CAV)

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.

Tested by: Jun-Hui, Lee / Senior Engineer

9.2.2 Test data for IC mode

Humidity Level : (41 ~ 42) % R.H.

Temperature: 22 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.207(a)

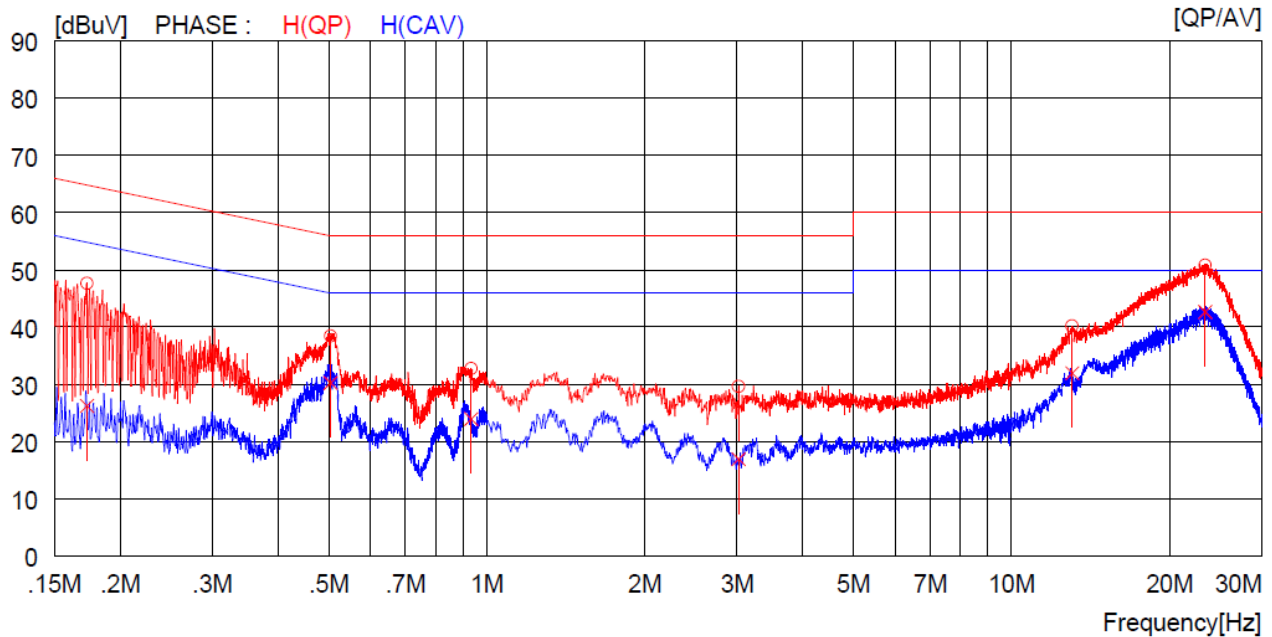
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 28, 2015

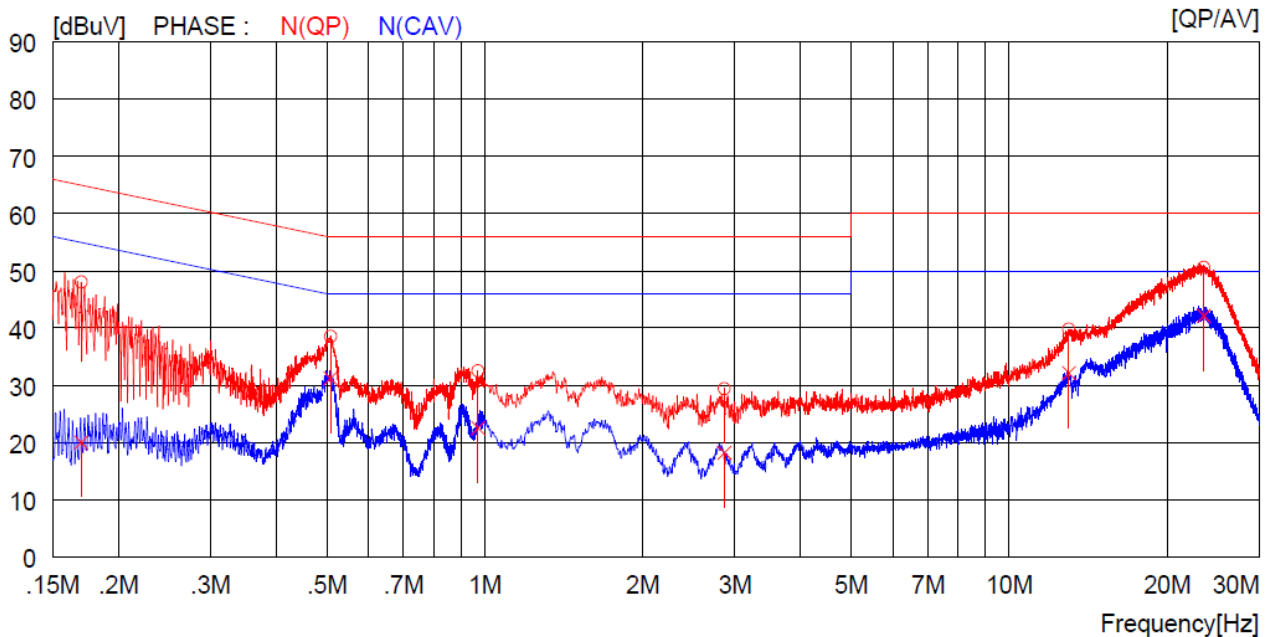
Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Tested Line : HOT LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17300	37.7	----	9.9	47.6	----	64.8	----	17.2	----	H (QP)
2	0.50400	28.4	----	10.0	38.4	----	56.0	----	17.6	----	H (QP)
3	0.93400	22.7	----	10.0	32.7	----	56.0	----	23.3	----	H (QP)
4	3.02000	19.6	----	10.0	29.6	----	56.0	----	26.4	----	H (QP)
5	13.06000	30.0	----	10.2	40.2	----	60.0	----	19.8	----	H (QP)
6	23.41000	40.6	----	10.2	50.8	----	60.0	----	9.2	----	H (QP)
7	0.17300	----	16.3	9.9	----	26.2	----	54.8	----	28.6	H (CAV)
8	0.50400	----	20.2	10.0	----	30.2	----	46.0	----	15.8	H (CAV)
9	0.93400	----	13.9	10.0	----	23.9	----	46.0	----	22.1	H (CAV)
10	3.02000	----	6.9	10.0	----	16.9	----	46.0	----	29.1	H (CAV)
11	13.06000	----	21.7	10.2	----	31.9	----	50.0	----	18.1	H (CAV)
12	23.41000	----	32.4	10.2	----	42.6	----	50.0	----	7.4	H (CAV)

Tested Line : NEUTRAL LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17000	38.1	----	9.9	48.0	----	65.0	----	17.0	----	N (QP)
2	0.50800	28.5	----	10.0	38.5	----	56.0	----	17.5	----	N (QP)
3	0.97100	22.5	----	10.0	32.5	----	56.0	----	23.5	----	N (QP)
4	2.86400	19.4	----	10.0	29.4	----	56.0	----	26.6	----	N (QP)
5	13.00000	29.6	----	10.2	39.8	----	60.0	----	20.2	----	N (QP)
6	23.51000	40.4	----	10.2	50.6	----	60.0	----	9.4	----	N (QP)
7	0.17000	----	10.1	9.9	----	20.0	----	55.0	----	35.0	N (CAV)
8	0.50800	----	21.2	10.0	----	31.2	----	46.0	----	14.8	N (CAV)
9	0.97100	----	12.5	10.0	----	22.5	----	46.0	----	23.5	N (CAV)
10	2.86400	----	8.2	10.0	----	18.2	----	46.0	----	27.8	N (CAV)
11	13.00000	----	21.9	10.2	----	32.1	----	50.0	----	17.9	N (CAV)
12	23.51000	----	31.9	10.2	----	42.1	----	50.0	----	7.9	N (CAV)

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.

Tested by: Jun-Hui, Lee / Senior Engineer

9.2.3 Test data for cradle mode

Humidity Level : (41 ~ 42) % R.H.

Temperature: 22 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.207(a)

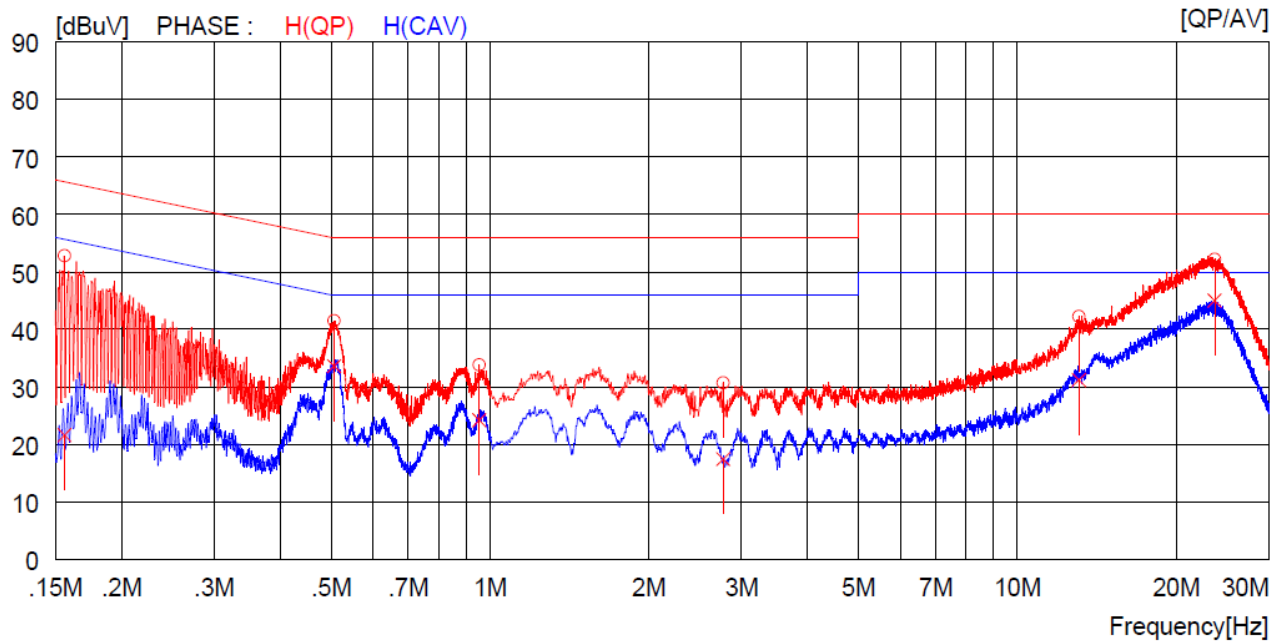
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 28, 2015

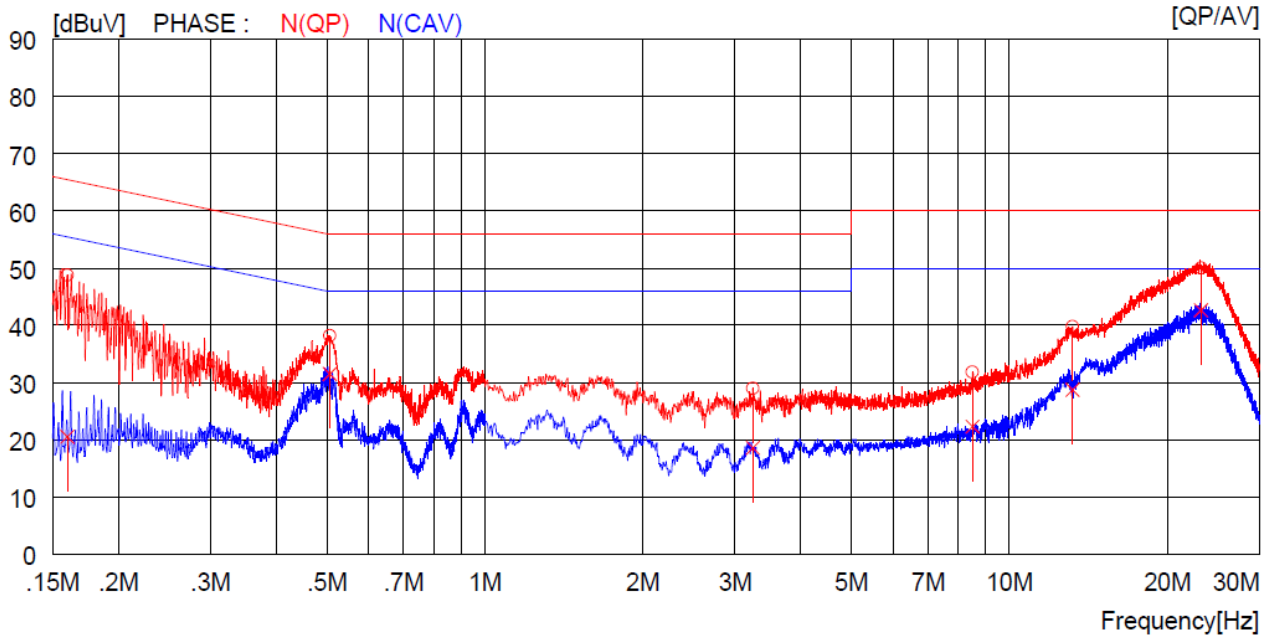
Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Tested Line : HOT LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.15600	42.9	----	9.9	52.8	----	65.7	----	12.9	----	H (QP)
2	0.50600	31.5	----	10.0	41.5	----	56.0	----	14.5	----	H (QP)
3	0.95400	23.8	----	10.0	33.8	----	56.0	----	22.2	----	H (QP)
4	2.76800	20.7	----	10.0	30.7	----	56.0	----	25.3	----	H (QP)
5	13.09000	32.0	----	10.2	42.2	----	60.0	----	17.8	----	H (QP)
6	23.66000	42.0	----	10.2	52.2	----	60.0	----	7.8	----	H (QP)
7	0.15600	----	11.7	9.9	----	21.6	----	55.7	----	34.1	H (CAV)
8	0.50600	----	23.6	10.0	----	33.6	----	46.0	----	12.4	H (CAV)
9	0.95400	----	14.2	10.0	----	24.2	----	46.0	----	21.8	H (CAV)
10	2.76800	----	7.4	10.0	----	17.4	----	46.0	----	28.6	H (CAV)
11	13.09000	----	21.0	10.2	----	31.2	----	50.0	----	18.8	H (CAV)
12	23.66000	----	34.8	10.2	----	45.0	----	50.0	----	5.0	H (CAV)

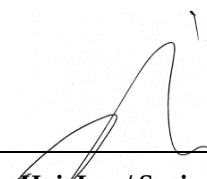
Tested Line : NEUTRAL LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.16000	38.9	----	9.9	48.8	----	65.5	----	16.7	----	N (QP)
2	0.50600	28.2	----	10.0	38.2	----	56.0	----	17.8	----	N (QP)
3	3.24400	19.0	----	10.0	29.0	----	56.0	----	27.0	----	N (QP)
4	8.51000	21.7	----	10.1	31.8	----	60.0	----	28.2	----	N (QP)
5	13.20000	29.6	----	10.2	39.8	----	60.0	----	20.2	----	N (QP)
6	23.20000	39.8	----	10.2	50.0	----	60.0	----	10.0	----	N (QP)
7	0.16000	----	10.6	9.9	----	20.5	----	55.5	----	35.0	N (CAV)
8	0.50600	----	21.5	10.0	----	31.5	----	46.0	----	14.5	N (CAV)
9	3.24400	----	8.6	10.0	----	18.6	----	46.0	----	27.4	N (CAV)
10	8.51000	----	12.2	10.1	----	22.3	----	50.0	----	27.7	N (CAV)
11	13.20000	----	18.5	10.2	----	28.7	----	50.0	----	21.3	N (CAV)
12	23.20000	----	32.4	10.2	----	42.6	----	50.0	----	7.4	N (CAV)

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.


Tested by: Jun-Hui, Lee / Senior Engineer

9.2.4 Test data for barcode mode

Humidity Level : (41 ~ 42) % R.H.

Temperature: 22 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.207(a)

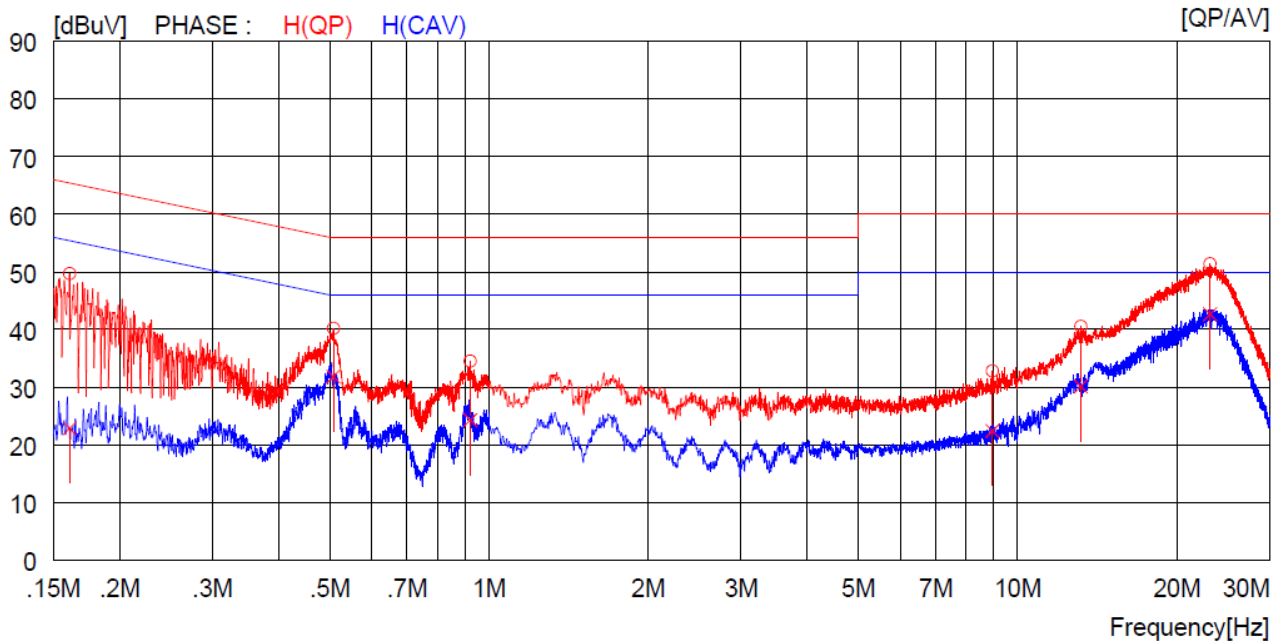
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 28, 2015

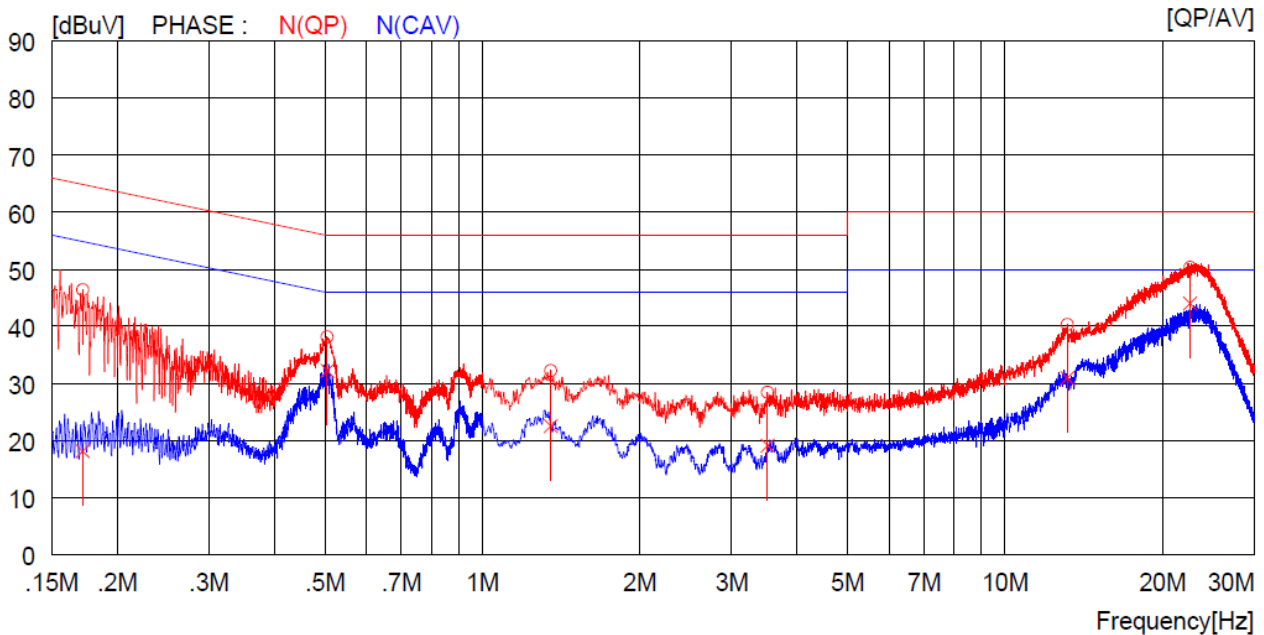
Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Tested Line : HOT LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.16100	39.8	----	9.9	49.7	----	65.4	----	15.7	----	H (QP)
2	0.50800	30.2	----	10.0	40.2	----	56.0	----	15.8	----	H (QP)
3	0.92200	24.5	----	10.0	34.5	----	56.0	----	21.5	----	H (QP)
4	8.96500	22.7	----	10.1	32.8	----	60.0	----	27.2	----	H (QP)
5	13.17000	30.3	----	10.2	40.5	----	60.0	----	19.5	----	H (QP)
6	23.12000	41.2	----	10.2	51.4	----	60.0	----	8.6	----	H (QP)
7	0.16100	----	12.9	9.9	----	22.8	----	55.4	----	32.6	H (CAV)
8	0.50800	----	21.8	10.0	----	31.8	----	46.0	----	14.2	H (CAV)
9	0.92200	----	14.3	10.0	----	24.3	----	46.0	----	21.7	H (CAV)
10	8.96500	----	12.3	10.1	----	22.4	----	50.0	----	27.6	H (CAV)
11	13.17000	----	19.9	10.2	----	30.1	----	50.0	----	19.9	H (CAV)
12	23.12000	----	32.4	10.2	----	42.6	----	50.0	----	7.4	H (CAV)

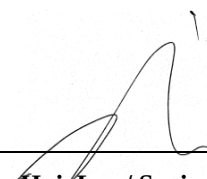
Tested Line : NEUTRAL LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17200	36.5	----	9.9	46.4	----	64.9	----	18.5	----	N (QP)
2	0.50500	28.1	----	10.0	38.1	----	56.0	----	17.9	----	N (QP)
3	1.35200	22.2	----	10.0	32.2	----	56.0	----	23.8	----	N (QP)
4	3.51200	18.4	----	10.0	28.4	----	56.0	----	27.6	----	N (QP)
5	13.16000	30.1	----	10.2	40.3	----	60.0	----	19.7	----	N (QP)
6	22.61000	40.1	----	10.2	50.3	----	60.0	----	9.7	----	N (QP)
7	0.17200	----	8.2	9.9	----	18.1	----	54.9	----	36.8	N (CAV)
8	0.50500	----	22.2	10.0	----	32.2	----	46.0	----	13.8	N (CAV)
9	1.35200	----	12.5	10.0	----	22.5	----	46.0	----	23.5	N (CAV)
10	3.51200	----	9.1	10.0	----	19.1	----	46.0	----	26.9	N (CAV)
11	13.16000	----	20.7	10.2	----	30.9	----	50.0	----	19.1	N (CAV)
12	22.61000	----	33.8	10.2	----	44.0	----	50.0	----	6.0	N (CAV)

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.


Tested by: Jun-Hui, Lee / Senior Engineer

9.3 Test data for Frequency 5 470 band

9.3.1 Test data for charging mode

Humidity Level : (41 ~ 42) % R.H.

Temperature: 22 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.207(a)

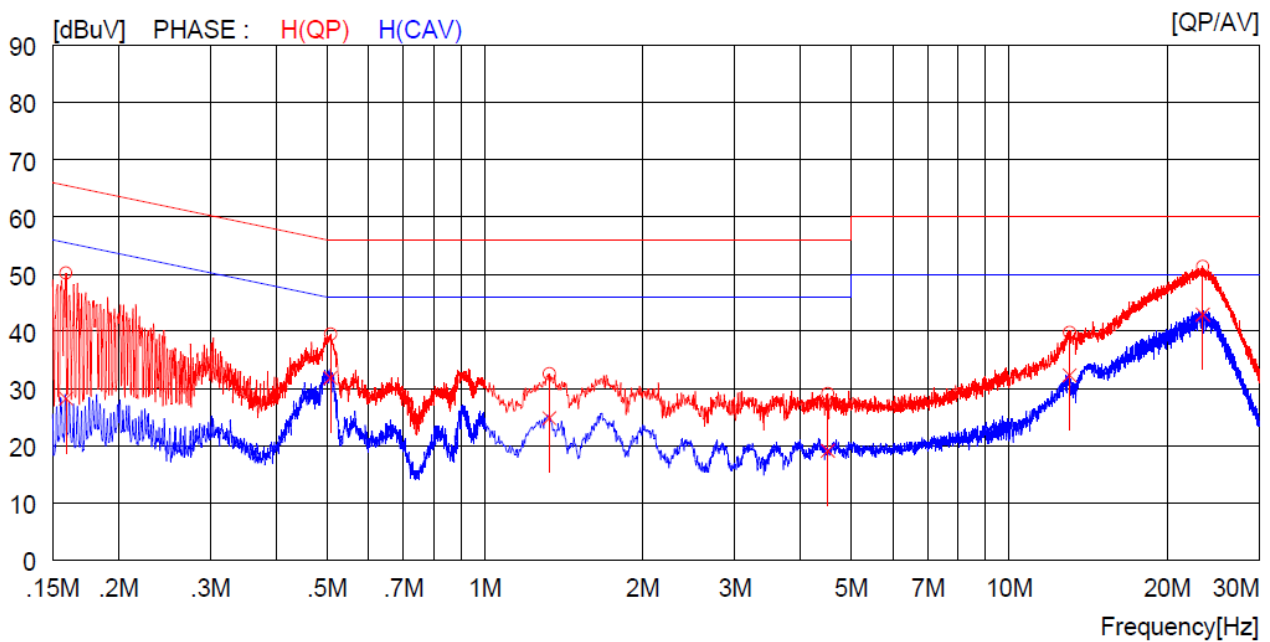
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 28, 2015

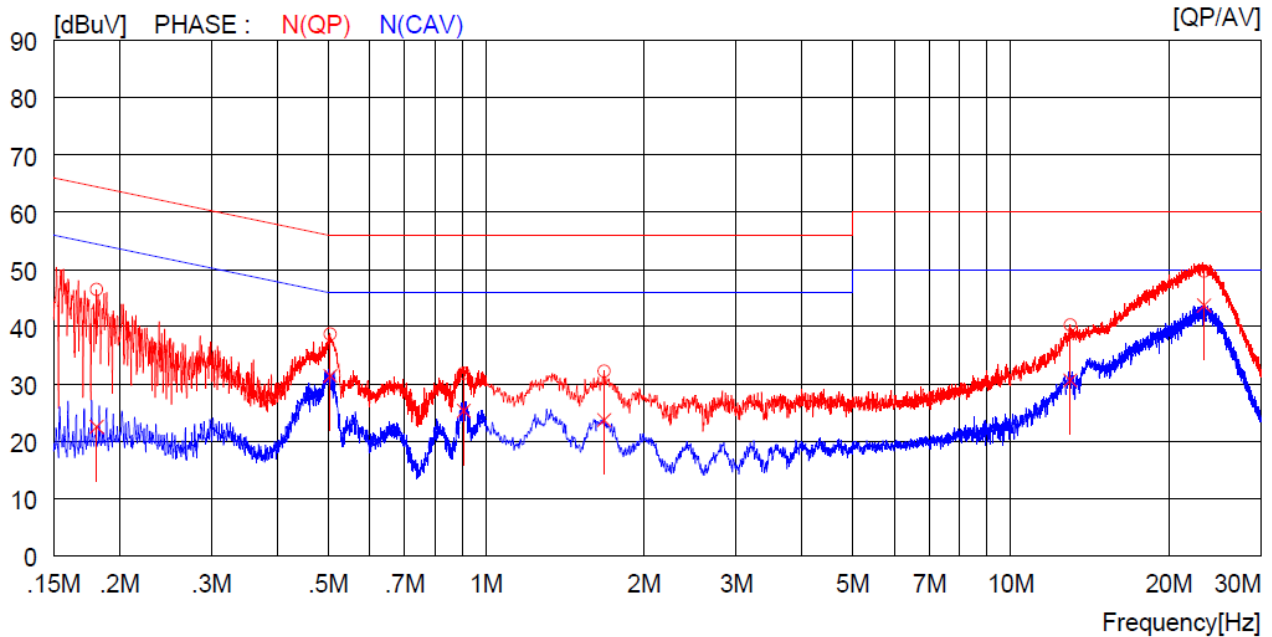
Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Tested Line : HOT LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.15900	40.3	----	9.9	50.2	----	65.5	----	15.3	----	H (QP)
2	0.50800	29.5	----	10.0	39.5	----	56.0	----	16.5	----	H (QP)
3	1.32800	22.6	----	10.0	32.6	----	56.0	----	23.4	----	H (QP)
4	4.51200	19.1	----	10.0	29.1	----	56.0	----	26.9	----	H (QP)
5	13.04000	29.6	----	10.2	39.8	----	60.0	----	20.2	----	H (QP)
6	23.39000	41.1	----	10.2	51.3	----	60.0	----	8.7	----	H (QP)
7	0.15900	----	18.3	9.9	----	28.2	----	55.5	----	27.3	H (CAV)
8	0.50800	----	21.8	10.0	----	31.8	----	46.0	----	14.2	H (CAV)
9	1.32800	----	14.8	10.0	----	24.8	----	46.0	----	21.2	H (CAV)
10	4.51200	----	9.1	10.0	----	19.1	----	46.0	----	26.9	H (CAV)
11	13.04000	----	22.1	10.2	----	32.3	----	50.0	----	17.7	H (CAV)
12	23.39000	----	32.7	10.2	----	42.9	----	50.0	----	7.1	H (CAV)

Tested Line : NEUTRAL LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.18100	36.6	----	9.9	46.5	----	64.4	----	17.9	----	N(QP)
2	0.50500	28.7	----	10.0	38.7	----	56.0	----	17.3	----	N(QP)
3	0.90700	21.8	----	10.0	31.8	----	56.0	----	24.2	----	N(QP)
4	1.68000	22.2	----	10.0	32.2	----	56.0	----	23.8	----	N(QP)
5	12.99000	30.1	----	10.2	40.3	----	60.0	----	19.7	----	N(QP)
6	23.36000	39.5	----	10.2	49.7	----	60.0	----	10.3	----	N(QP)
7	0.18100	----	12.6	9.9	----	22.5	----	54.4	----	31.9	N(CAV)
8	0.50500	----	21.4	10.0	----	31.4	----	46.0	----	14.6	N(CAV)
9	0.90700	----	15.3	10.0	----	25.3	----	46.0	----	20.7	N(CAV)
10	1.68000	----	13.7	10.0	----	23.7	----	46.0	----	22.3	N(CAV)
11	12.99000	----	20.4	10.2	----	30.6	----	50.0	----	19.4	N(CAV)
12	23.36000	----	33.5	10.2	----	43.7	----	50.0	----	6.3	N(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.

Tested by: Jun-Hui, Lee / Senior Engineer

9.3.2 Test data for IC mode

Humidity Level : (41 ~ 42) % R.H.

Temperature: 22 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.207(a)

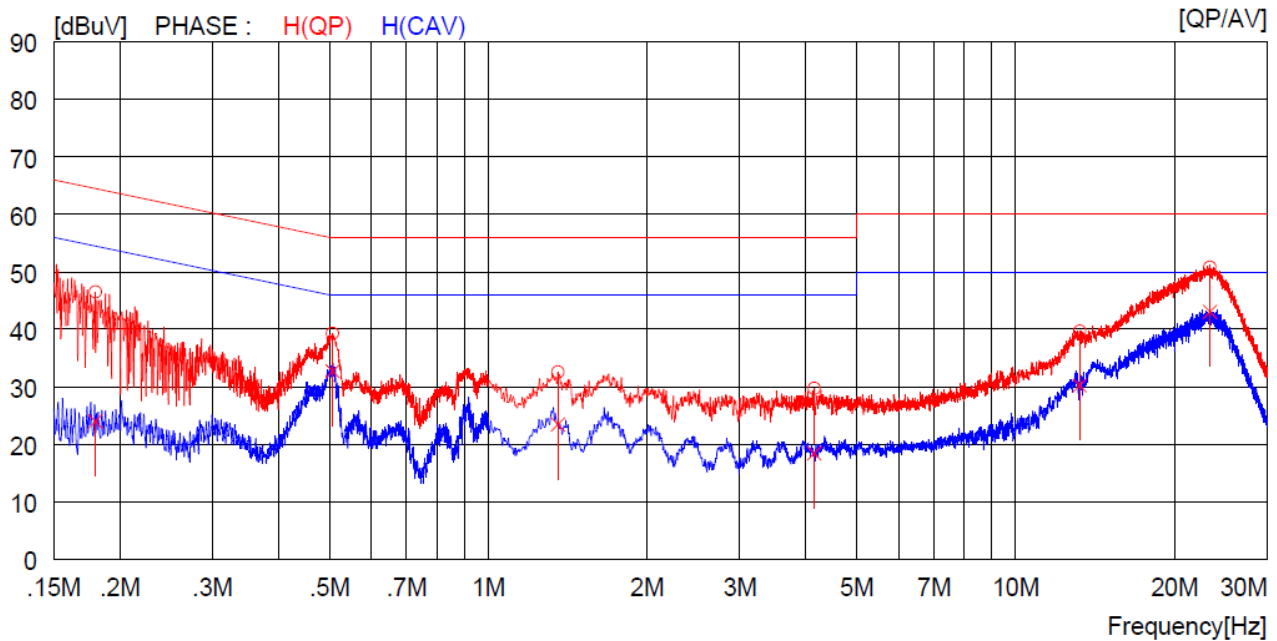
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 28, 2015

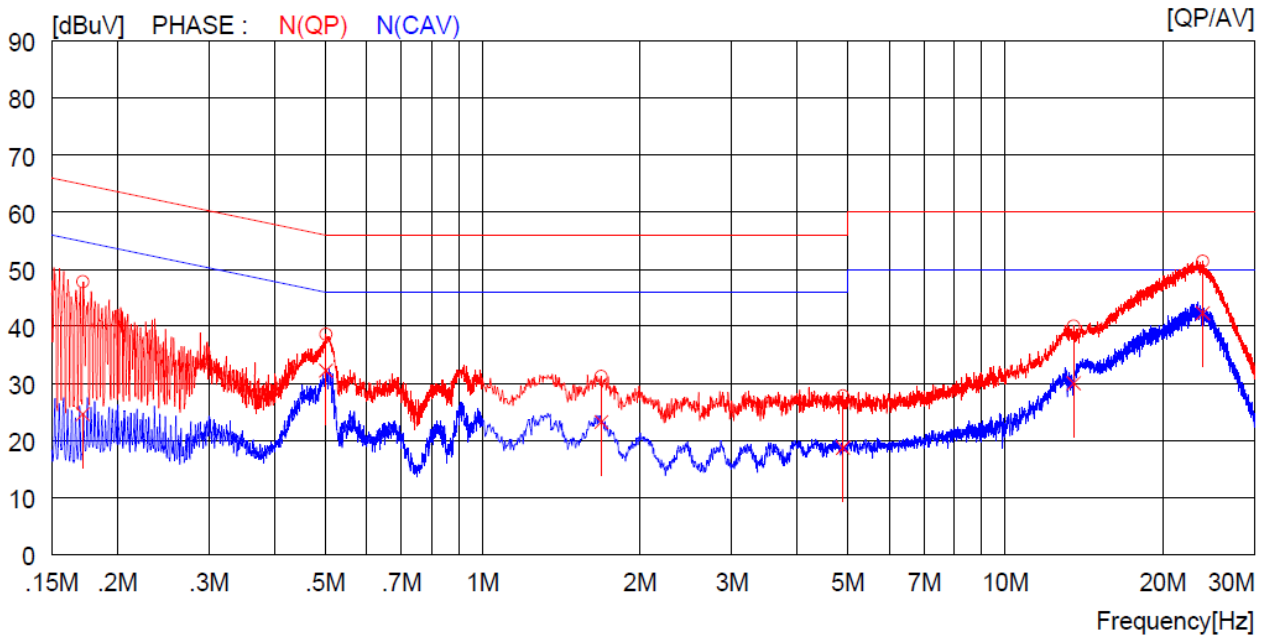
Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Tested Line : HOT LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.18000	36.6	----	9.9	46.5	----	64.5	----	18.0	----	H (QP)
2	0.50700	29.3	----	10.0	39.3	----	56.0	----	16.7	----	H (QP)
3	1.35600	22.6	----	10.0	32.6	----	56.0	----	23.4	----	H (QP)
4	4.15200	19.7	----	10.0	29.7	----	56.0	----	26.3	----	H (QP)
5	13.23000	29.5	----	10.2	39.7	----	60.0	----	20.3	----	H (QP)
6	23.37000	40.6	----	10.2	50.8	----	60.0	----	9.2	----	H (QP)
7	0.18000	----	14.1	9.9	----	24.0	----	54.5	----	30.5	H (CAV)
8	0.50700	----	22.7	10.0	----	32.7	----	46.0	----	13.3	H (CAV)
9	1.35600	----	13.4	10.0	----	23.4	----	46.0	----	22.6	H (CAV)
10	4.15200	----	8.4	10.0	----	18.4	----	46.0	----	27.6	H (CAV)
11	13.23000	----	20.0	10.2	----	30.2	----	50.0	----	19.8	H (CAV)
12	23.37000	----	32.8	10.2	----	43.0	----	50.0	----	7.0	H (CAV)

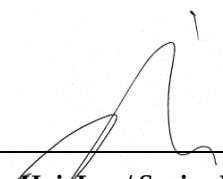
Tested Line : NEUTRAL LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17200	37.9	----	9.9	47.8	----	64.9	----	17.1	----	N (QP)
2	0.50200	28.6	----	10.0	38.6	----	56.0	----	17.4	----	N (QP)
3	1.68800	21.2	----	10.0	31.2	----	56.0	----	24.8	----	N (QP)
4	4.89600	17.8	----	10.0	27.8	----	56.0	----	28.2	----	N (QP)
5	13.52000	29.8	----	10.2	40.0	----	60.0	----	20.0	----	N (QP)
6	23.87000	41.2	----	10.2	51.4	----	60.0	----	8.6	----	N (QP)
7	0.17200	----	14.7	9.9	----	24.6	----	54.9	----	30.3	N (CAV)
8	0.50200	----	22.2	10.0	----	32.2	----	46.0	----	13.8	N (CAV)
9	1.68800	----	13.2	10.0	----	23.2	----	46.0	----	22.8	N (CAV)
10	4.89600	----	8.7	10.0	----	18.7	----	46.0	----	27.3	N (CAV)
11	13.52000	----	19.8	10.2	----	30.0	----	50.0	----	20.0	N (CAV)
12	23.87000	----	32.1	10.2	----	42.3	----	50.0	----	7.7	N (CAV)

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.


Tested by: Jun-Hui, Lee / Senior Engineer

9.3.3 Test data for cradle mode

Humidity Level : (41 ~ 42) % R.H.

Temperature: 22 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.207(a)

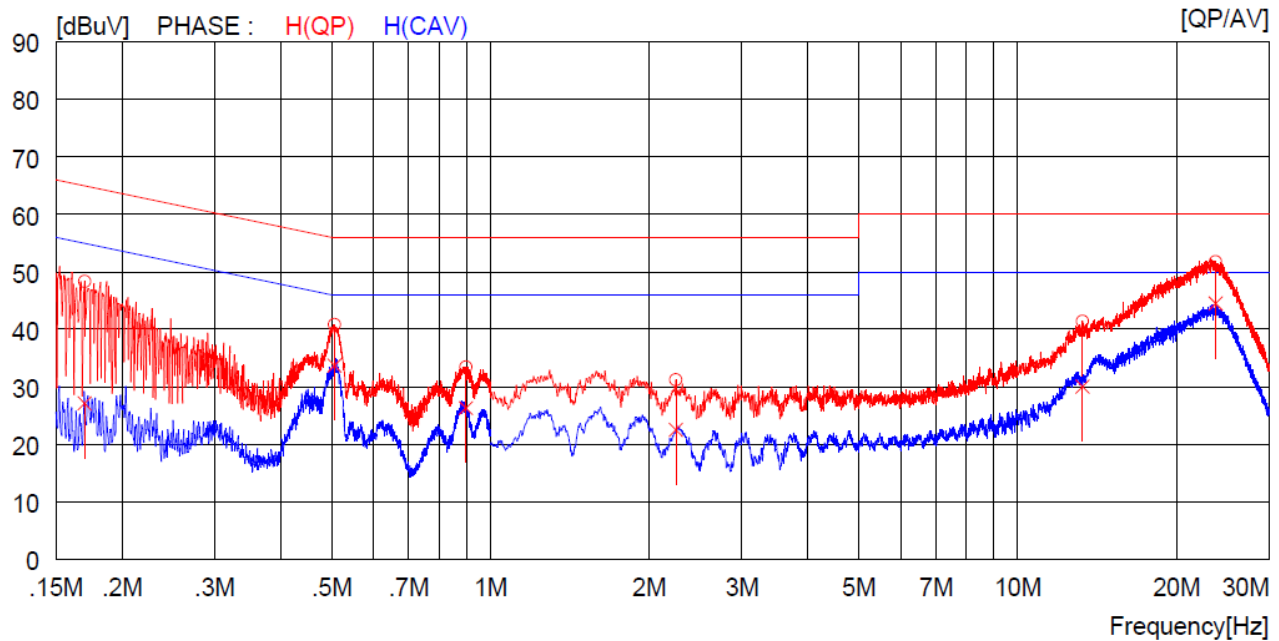
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 28, 2015

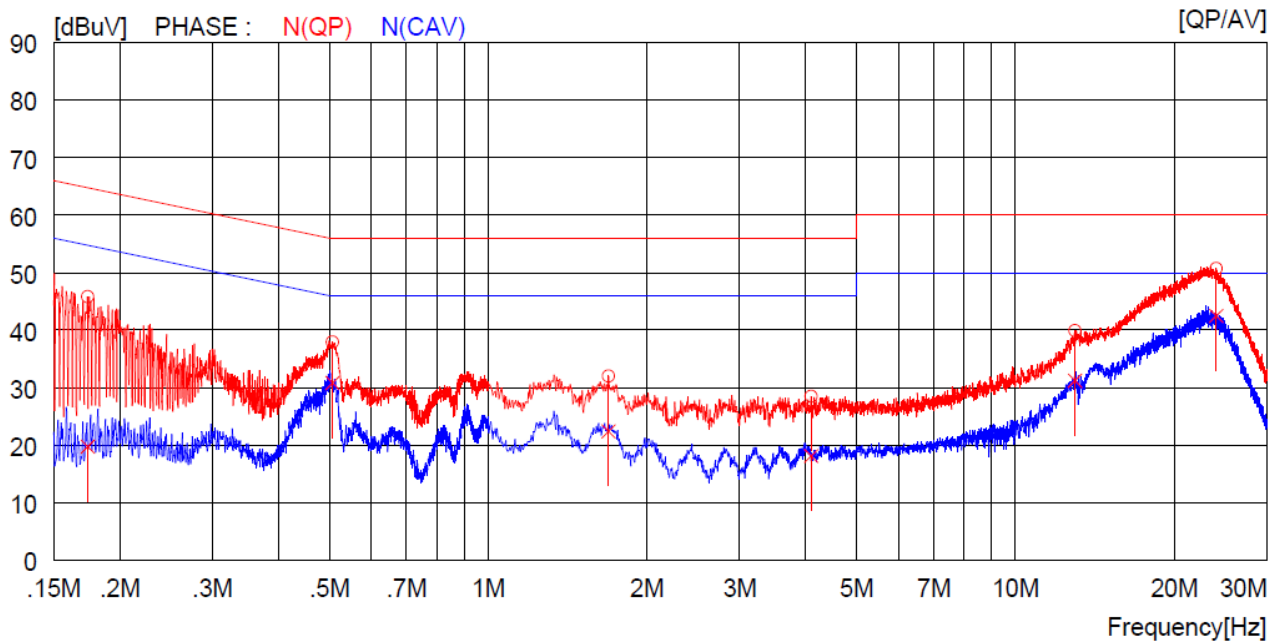
Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Tested Line : HOT LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17000	38.4	----	9.9	48.3	----	65.0	----	16.7	----	H (QP)
2	0.50600	30.8	----	10.0	40.8	----	56.0	----	15.2	----	H (QP)
3	0.89900	23.4	----	10.0	33.4	----	56.0	----	22.6	----	H (QP)
4	2.24800	21.2	----	10.0	31.2	----	56.0	----	24.8	----	H (QP)
5	13.28000	31.2	----	10.2	41.4	----	60.0	----	18.6	----	H (QP)
6	23.72000	41.6	----	10.2	51.8	----	60.0	----	8.2	----	H (QP)
7	0.17000	----	17.2	9.9	----	27.1	----	55.0	----	27.9	H (CAV)
8	0.50600	----	23.7	10.0	----	33.7	----	46.0	----	12.3	H (CAV)
9	0.89900	----	16.3	10.0	----	26.3	----	46.0	----	19.7	H (CAV)
10	2.24800	----	12.5	10.0	----	22.5	----	46.0	----	23.5	H (CAV)
11	13.28000	----	19.8	10.2	----	30.0	----	50.0	----	20.0	H (CAV)
12	23.72000	----	34.3	10.2	----	44.5	----	50.0	----	5.5	H (CAV)

Tested Line : NEUTRAL LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17400	35.9	----	9.9	45.8	----	64.8	----	19.0	----	N (QP)
2	0.50700	27.9	----	10.0	37.9	----	56.0	----	18.1	----	N (QP)
3	1.69200	22.0	----	10.0	32.0	----	56.0	----	24.0	----	N (QP)
4	4.10000	18.5	----	10.0	28.5	----	56.0	----	27.5	----	N (QP)
5	12.98000	29.7	----	10.2	39.9	----	60.0	----	20.1	----	N (QP)
6	24.06000	40.5	----	10.2	50.7	----	60.0	----	9.3	----	N (QP)
7	0.17400	----	9.8	9.9	----	19.7	----	54.8	----	35.1	N (CAV)
8	0.50700	----	20.8	10.0	----	30.8	----	46.0	----	15.2	N (CAV)
9	1.69200	----	12.4	10.0	----	22.4	----	46.0	----	23.6	N (CAV)
10	4.10000	----	8.1	10.0	----	18.1	----	46.0	----	27.9	N (CAV)
11	12.98000	----	21.0	10.2	----	31.2	----	50.0	----	18.8	N (CAV)
12	24.06000	----	32.3	10.2	----	42.5	----	50.0	----	7.5	N (CAV)

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.

Tested by: Jun-Hui, Lee / Senior Engineer

9.3.4 Test data for barcode mode

Humidity Level : (41 ~ 42) % R.H.

Temperature: 22 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.207(a)

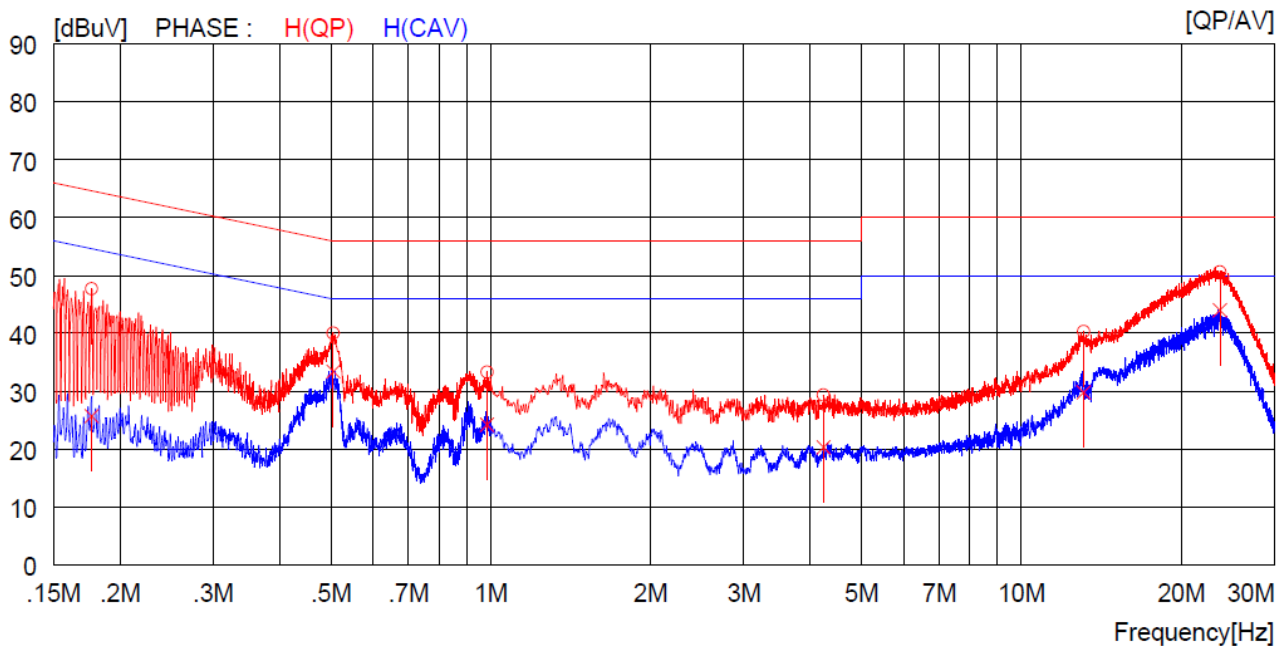
Result : PASSED

EUT : Premium Enterprise Tablet

Date: March 28, 2015

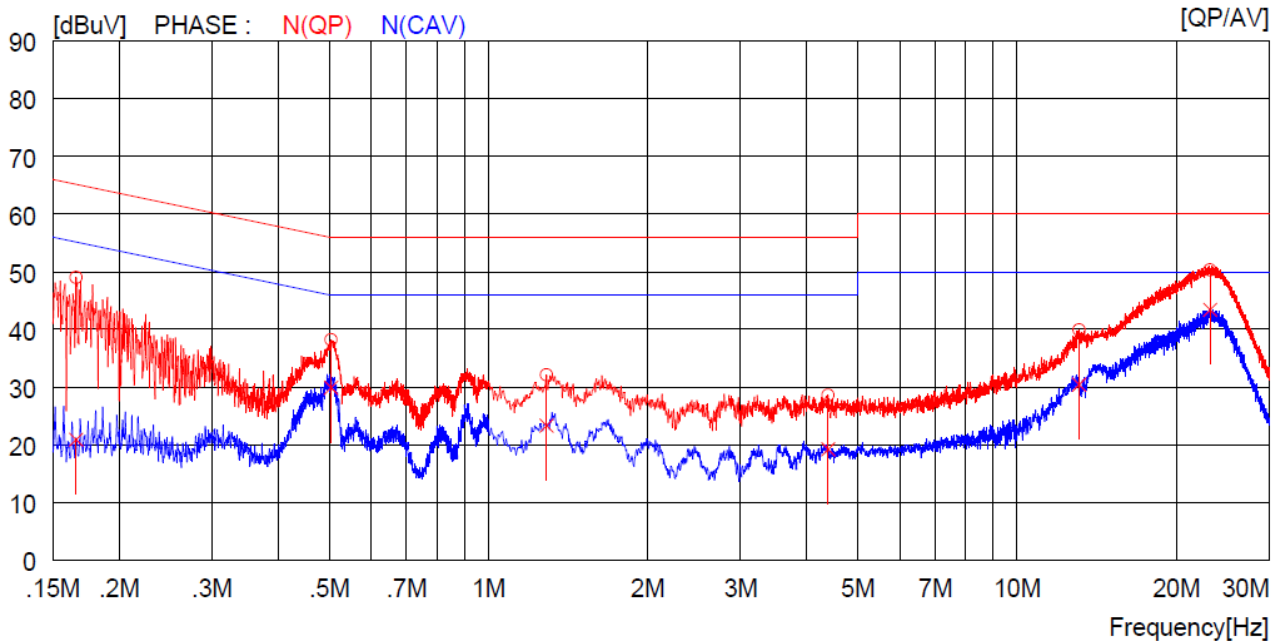
Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Tested Line : HOT LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17700	37.8	----	9.9	47.7	----	64.6	----	16.9	----	H (QP)
2	0.50500	30.0	----	10.0	40.0	----	56.0	----	16.0	----	H (QP)
3	0.98400	23.3	----	10.0	33.3	----	56.0	----	22.7	----	H (QP)
4	4.24000	19.3	----	10.0	29.3	----	56.0	----	26.7	----	H (QP)
5	13.11000	30.1	----	10.2	40.3	----	60.0	----	19.7	----	H (QP)
6	23.67000	40.4	----	10.2	50.6	----	60.0	----	9.4	----	H (QP)
7	0.17700	----	15.8	9.9	----	25.7	----	54.6	----	28.9	H (CAV)
8	0.50500	----	23.4	10.0	----	33.4	----	46.0	----	12.6	H (CAV)
9	0.98400	----	14.2	10.0	----	24.2	----	46.0	----	21.8	H (CAV)
10	4.24000	----	10.3	10.0	----	20.3	----	46.0	----	25.7	H (CAV)
11	13.11000	----	19.6	10.2	----	29.8	----	50.0	----	20.2	H (CAV)
12	23.67000	----	33.8	10.2	----	44.0	----	50.0	----	6.0	H (CAV)

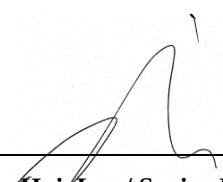
Tested Line : NEUTRAL LINE



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.16600	39.1	----	9.9	49.0	----	65.2	----	16.2	----	N (QP)
2	0.50400	28.2	----	10.0	38.2	----	56.0	----	17.8	----	N (QP)
3	1.28800	22.1	----	10.0	32.1	----	56.0	----	23.9	----	N (QP)
4	4.39200	18.6	----	10.0	28.6	----	56.0	----	27.4	----	N (QP)
5	13.10000	29.7	----	10.2	39.9	----	60.0	----	20.1	----	N (QP)
6	23.18000	40.1	----	10.2	50.3	----	60.0	----	9.7	----	N (QP)
7	0.16600	----	11.0	9.9	----	20.9	----	55.2	----	34.3	N (CAV)
8	0.50400	----	19.9	10.0	----	29.9	----	46.0	----	16.1	N (CAV)
9	1.28800	----	13.3	10.0	----	23.3	----	46.0	----	22.7	N (CAV)
10	4.39200	----	9.2	10.0	----	19.2	----	46.0	----	26.8	N (CAV)
11	13.10000	----	20.2	10.2	----	30.4	----	50.0	----	19.6	N (CAV)
12	23.18000	----	33.2	10.2	----	43.4	----	50.0	----	6.6	N (CAV)

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.



Tested by: Jun-Hui, Lee / Senior Engineer