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Report No.: 1610TW0501-U1
Report Version: 1.0
Issue Date: 2016-10-24

MEASUREMENT REPORT
FCC Part 15B

FCC ID	2ACC5-GT500
APPLICANT:	AMobile Intelligent Corp.
ADDRESS:	8F.-1, No.700, Zhongzheng Rd., Zhonghe Dist.,New Taipei City 235, Taiwan
Application Type:	Certification
Product:	5" Rugged Android™ Handheld Device with LTE solution
Model No.:	GT-500
Brand Name:	AMobile
FCC Classification:	(JBP) Part 15 Class B Computing Device Peripheral
FCC Rule Part(s):	FCC Part 15 Subpart B: 2016
Test Procedure(s):	ANSI C63.4: 2014
Test Date:	October 19 ~ 20 , 2016

Reviewed By : Paddy Chen
(Paddy Chen)

Approved By : Chenz Ker
(Chenz Ker)

Testing Laboratory
3261

The test results relate only to the samples tested.
This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4-2014. Test results reported herein relate only to the item(s) tested.

Revision History

Report No.	Version	Description	Issue Date	Note
1610TW0501-U1	1.0	Original report	2016-10-30	

CONTENTS

Description Page

§2.1033 General Information

Applicant:	AMobile Intelligent Corp.
Applicant Address:	8F.-1, No.700, Zhongzheng Rd., Zhonghe Dist.,New Taipei City 235, Taiwan
Manufacturer:	MAKER TECHNOLOGY
Manufacturer Address:	12th Floor,NO.82 building,NO.1198 North QinzhouRoad,Xuhui District,Shanghai,China
Test Site:	MRT Technology (Taiwan) Co., Ltd
Test Site Address:	No. 38, Fuxing Second Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C)
MRT FCC Registration No.:	153292
Model No.:	GT-500
Test Device Serial No.:	N/A ☐ Production ☒ Pre-Production ☐ Engineering

Test Facility / Accreditations

Measurements were performed at MRT Laboratory located in Fuxing Rd., Taoyuan, Taiwan (R.O.C)

- **MRT facility is a FCC registered (Reg. No. 153292) test facility with the site description report on file and is designated by the FCC as an Accredited Test Film.**
- **MRT facility is an IC registered (MRT Reg. No. 21723-1) test laboratory with the site description on file at Industry Canada.**
- **MRT Lab is accredited to ISO 17025 by the American Association for Laboratory Accreditation (TAF) under the American Association for Laboratory Accreditation Program (TAF Cert. No. 3261) in EMC, Telecommunications and Radio testing for FCC, Industry Taiwan, EU and TELEC Rules.**

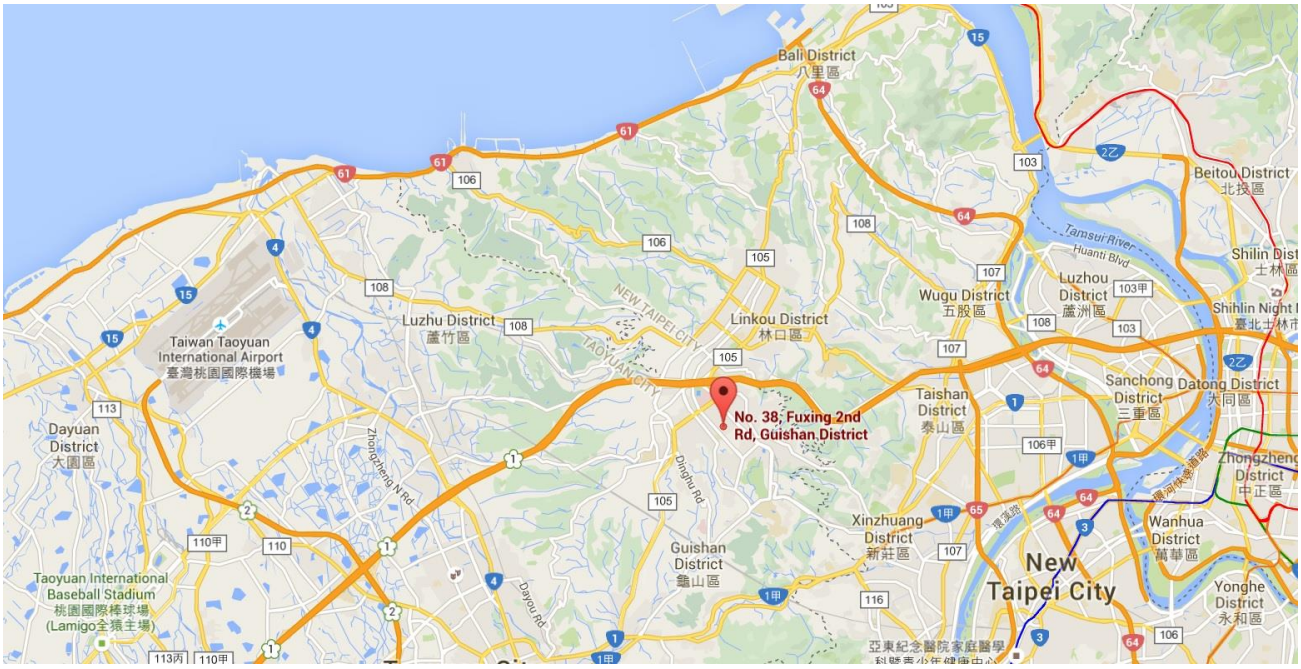
1. INTRODUCTION

1.1. Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Industry Canada Certification and Engineering Bureau.

1.2. MRT Test Location

The map below shows the location of the MRT LABORATORY, its proximity to the Taoyuan City. These measurement tests were conducted at the MRT Technology (Taiwan) Co., Ltd. Facility located at No.38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 33377, Taiwan (R.O.C).



2. PRODUCT INFORMATION

2.1. Equipment Description

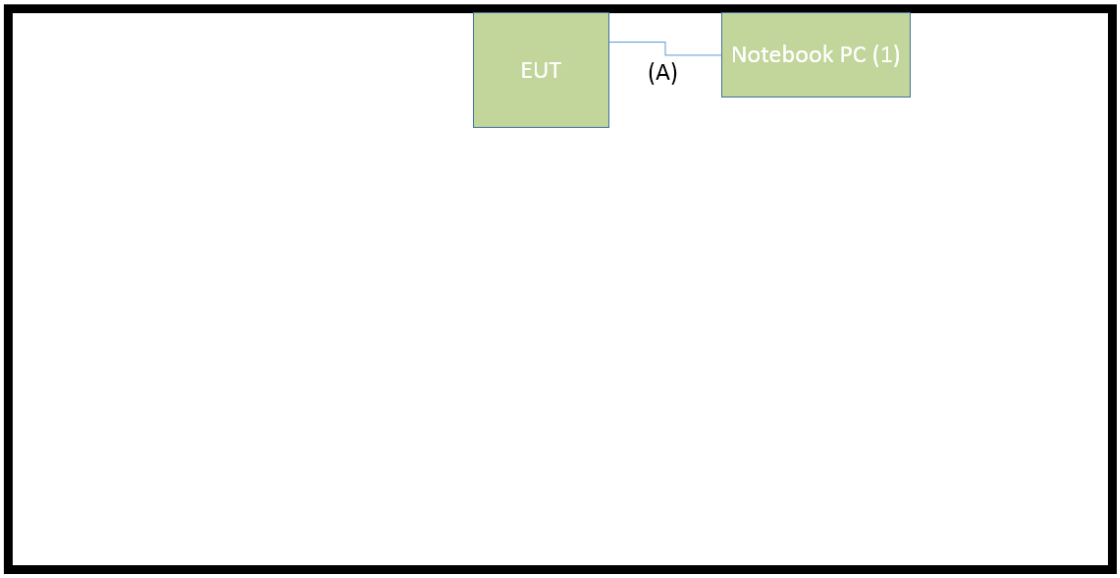
Product Name	5" Rugged Android™ Handheld Device with LTE solution
FCC ID	2ACC5-GT500
Model No.	GT-500
Brand Name	AMobile

2.2. Test Mode

Pre-Test Mode	
EMI Mode	Mode 1: Data Link Mode 2: Charging
Final Test Mode	
EMI Mode	Mode 1: Data Link Mode 2: Charging

2.3. Test Configuration

The **5" RUGGED ANDROID™ HANDHELD DEVICE WITH LTE SOLUTION** was tested per the guidance FCC Part 15 Subpart B: 2016 and ANSI C63.4: 2014 was used to reference the appropriate EUT setup for radiated spurious emissions testing and AC line conducted testing.

Connection Diagram


Signal Cable Type		Signal Cable Description
A	USB Cable	Shielding, 1.0m

2.4. Test System Details

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

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	Lenovo	T450	PC0BH4FR	Non-shielding, 0.8m

2.5. Test Software

Not applicable.

2.6. EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and/or no modifications were made during testing.

3. DESCRIPTION OF TEST

3.1. Evaluation Procedure

The measurement procedures described in the American National Standard for Methods of Measurement of Radio-Noise Emission from Low-Voltage Electrical Equipment in the Range of 9kHz to 18GHz (ANSI C63.4-2014) was used in the measurement of the **5" RUGGED ANDROID™ HANDHELD DEVICE WITH LTE SOLUTION.**

Deviation from measurement procedure…….....None

3.2. AC Line Conducted Emissions

The line-conducted facility is located inside an 8'x4'x3' shielded enclosure. A 1m x 2m wooden table 80cm high is placed 40cm away from the vertical wall and 80cm away from the sidewall of the shielded room. Two 10kHz-30MHz, 50Ω/50uH Line-Impedance Stabilization Networks (LISNs) are bonded to the shielded room floor. Power to the LISNs is filtered by external high-current high-insertion loss power line filters. These filters attenuate ambient signal noise from entering the measurement lines. These filters are also bonded to the shielded enclosure.

The EUT is powered from one LISN and the support equipment is powered from the second LISN. If the EUT is a DC-powered device, power will be derived from the source power supply it normally will be powered from and this supply line(s) will be connected to the second LISN. All interconnecting cables more than 1 meter were shortened to a 1 meter length by non-inductive bundling (serpentine fashion) and draped over the back edge of the test table. All cables were at least 40cm above the horizontal reference ground-plane. Power cables for support equipment were routed down to the second LISN while ensuring that that cables were not draped over the second LISN.

Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The RF output of the LISN was connected to the receiver and exploratory measurements were made to determine the frequencies producing the maximum emission from the EUT. The receiver was scanned from 150 kHz to 30 MHz. The detector function was set to peak mode for exploratory measurements while the bandwidth of the analyzer was set to 9 kHz. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Each emission was also maximized by varying: power lines, the mode of operation or resolution, clock or data exchange speed, scrolling H pattern to the EUT and/or support equipment whichever determined the worst-case emission. Once the worst case emissions have been identified, the one EUT cable configuration/arrangement and mode of operation that produced these emissions are used for final measurements on the same test site.

Line conducted emissions test results are shown in Section 6.2.

3.3. Radiated Emissions

The radiated test facilities consisted of an indoor 3 meter semi-anechoic chamber used for final measurements and exploratory measurements, when necessary. The measurement area is contained within the semi-anechoic chamber which is shielded from any ambient interference. For measurements above 1GHz absorbers are arranged on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections. For measurements below 1GHz, the absorbers are removed. An MF Model 210SS turntable is used for radiated measurement. It is a continuously rotatable, remote controlled, metallic turntable and 2 meters (6.56 ft.) in diameter. The turn table is flush with the raised floor of the chamber in order to maintain its function as a ground plane. An 80cm high PVC support structure is placed on top of the turntable.
For all measurements, the spectrum was scanned through all EUT azimuths and from 1 to 4 meter receive antenna height using a broadband antenna from 30 MHz up to the upper frequency shown in 15.33(b)(1) depending on the highest frequency generated or used in the device or on which the device operates or tunes. For frequencies above 1GHz, linearly polarized double ridge horn antennas were used. For frequencies below 30 MHz, a calibrated loop antenna was used. When exploratory measurements were necessary, they were performed at 1 meter test distance inside the semi-anechoic chamber using broadband antennas, broadband amplifiers, and spectrum analyzers to determine the frequencies and modes producing the maximum emissions. Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The test set-up was placed on top of the 0.8 meter high, 1 x 1.5 meter table. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Appropriate precaution was taken to ensure that all emissions from the EUT were maximized and investigated. The system configuration, mode of operation, if applicable, turntable azimuth, and receive antenna height was noted for each frequency found.
Final measurements were made in the semi-anechoic chamber using calibrated, linearly polarized broadband and horn antennas. The test setup was configured to the setup that produced the worst case emissions. The spectrum analyzer was set to investigate all frequencies required for testing to compare the highest radiated disturbances with respect to the specified limits. The turntable containing the EUT was rotated through 360 degrees and the height of the receive antenna was varied 1 to 4 meters and stopped at the azimuth and height producing the maximum emission. Each emission was maximized by changing the orientation of the EUT through three orthogonal planes and changing the polarity of the receive antenna, whichever produced the worst-case emissions. According to 3dB beam-width of horn antenna, the horn antenna should be always directed to the EUT when rising height.
Radiated emissions test results are shown in Section 6.3.

4. TEST EQUIPMENT CALIBRATION DATE

Conducted Emissions – SR2

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2017/03/16
Two-Line V-Network	R&S	ENV216	MRTTWA00019	1 year	2017/03/23
Two-Line V-Network	R&S	ENV216	MRTTWA00020	1 year	2017/03/23
Cable	Rosnol	N1C50-RG400-B1 C50-500CM	MRTTWE00013	1 year	2017/05/19

Radiated Emissions – AC1

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2017/03/16
Broadband TRILOG Antenna	Schwarzbeck	VULB 9162	MRTTWA00001	1 year	2017/04/05
Acitve Loop Antenna	Schwarzbeck	FMZB 1519B	MRTTWA00002	1 year	2017/04/05
Broadband Horn antenna	Schwarzbeck	BBHA 9120D	MRTTWA00003	1 year	2017/04/05
Breitband Hornantenna	Schwarzbeck	BBHA 9170	MRTTWA00004	1 year	2017/04/05
Broadband Preamplifier	Schwarzbeck	BBV 9718	MRTTWA00005	1 year	2017/04/05
Broadband Amplifier	Schwarzbeck	BBV 9721	MRTTWA00006	1 year	2017/04/05
Signal Analyzer	R&S	FSV40	MRTTWA00007	1 year	2017/03/02
Cable	HUBERSUHNER	SF106	MRTTWA00010	1 year	2017/05/19
Cable	Rosnol	K1K50-UP0264-K1K50-4M	MRTTWA00012	1 year	2017/05/19

Conducted Test Equipment – SR2

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Spectrum Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2017/07/10
USB Wideband Power Sensor	KEYSIGHT	U2021XA	MRTTWA00014	1 year	2017/03/17

Software	Version	Function
e3	9.160520a	EMI Test Software

5. MEASUREMENT UNCERTAINTY

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

AC Conducted Emission Measurement – SR2
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 150kHz~30MHz: 2.42dB
Radiated Emission Measurement – AC1
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): Horizontal: 9K~30MHz: 4.14dB 30MHz~1GHz: 4.22dB 1GHz~40GHz: 4.05dB Vertical: 9K~30MHz: 4.14dB 30MHz~1GHz: 3.37dB 1GHz~40GHz: 4.08dB

6. TEST RESULT

6.1. Summary

Product Name: **5" Rugged Android™ Handheld Device with LTE solution**

Applicant: **AMobile Intelligent Corp.**

Test Mode: **Mode 1: Data Link**

Mode 2: Charging

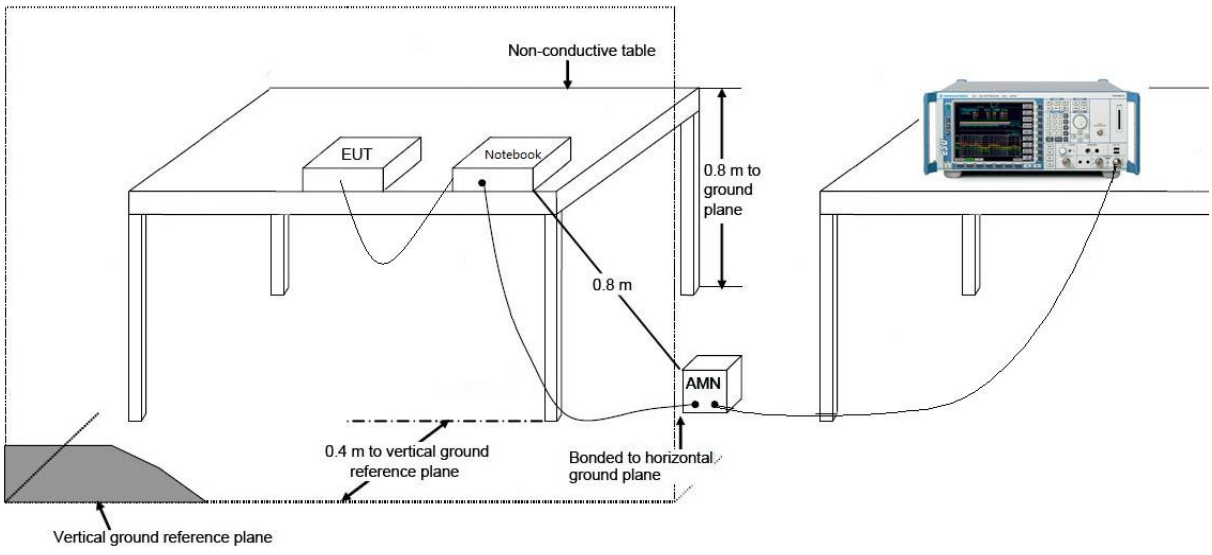
FCC Part Section(s)	Test Description	Test Result
15.107	Conducted Emissions	Pass
15.109	Radiated Emissions	Pass

6.2. Conducted Emission Measurement

6.2.1. Test Limit

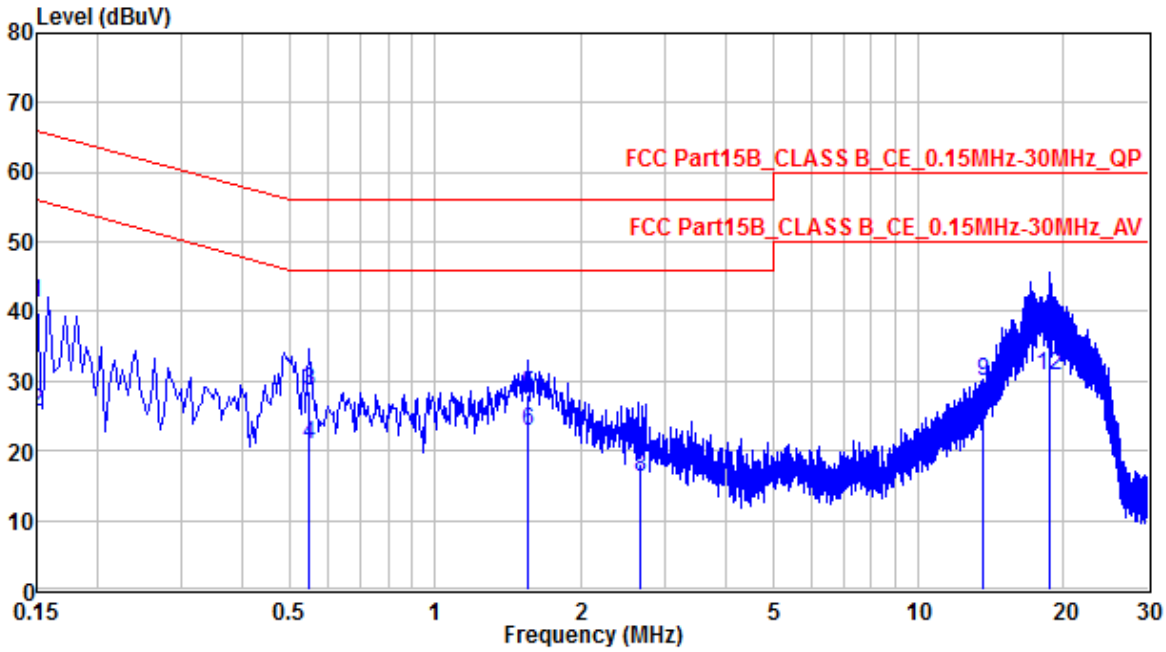
FCC Part 15.107 Limits		
Frequency (MHz)	QP (dBμV)	AV (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.		

6.2.2. Test Setup



6.2.3. Test Result of Conducted Emissions

EUT	GT-500	Date of Test	2016/10/19
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	24°C / 68%
Polarity	Line1	Site / Test Engineer	SR2 / Kevin
Test Mode	Mode1	Test Voltage	AC 120V/60Hz

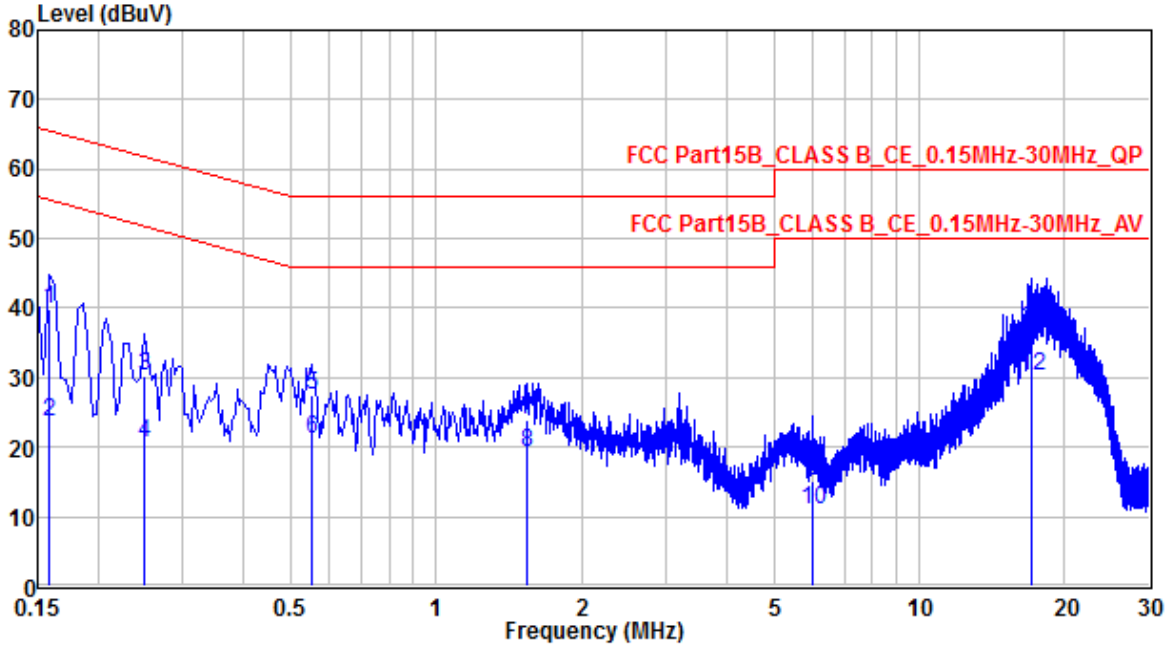


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.15	31.6	9.77	41.37	-24.63	66	QP
2		0.15	15.85	9.77	25.62	-30.38	56	Average
3		0.5505	18.46	10.07	28.53	-27.47	56	QP
4		0.5505	10.84	10.07	20.91	-25.09	46	Average
5		1.558	18.27	9.87	28.14	-27.86	56	QP
6		1.558	12.91	9.87	22.78	-23.22	46	Average
7		2.652	8.26	9.84	18.1	-37.9	56	QP
8		2.652	6.27	9.84	16.11	-29.89	46	Average
9		13.631	20.07	9.93	30	-30	60	QP
10		13.631	15.42	9.93	25.35	-24.65	50	Average
11	*	18.639	27.24	10	37.24	-22.76	60	QP
12	*	18.639	20.91	10	30.91	-19.09	50	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Factor (dB)+ Cable Loss (dB)
3. Measurement (dBuV) = Reading(dBuV)+ C.F (Correction Factor)

EUT	GT-500	Date of Test	2016/10/19
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	24°C / 68%
Polarity	Neutral	Site / Test Engineer	SR2 / Kevin
Test Mode	Mode1	Test Voltage	AC 120V/60Hz

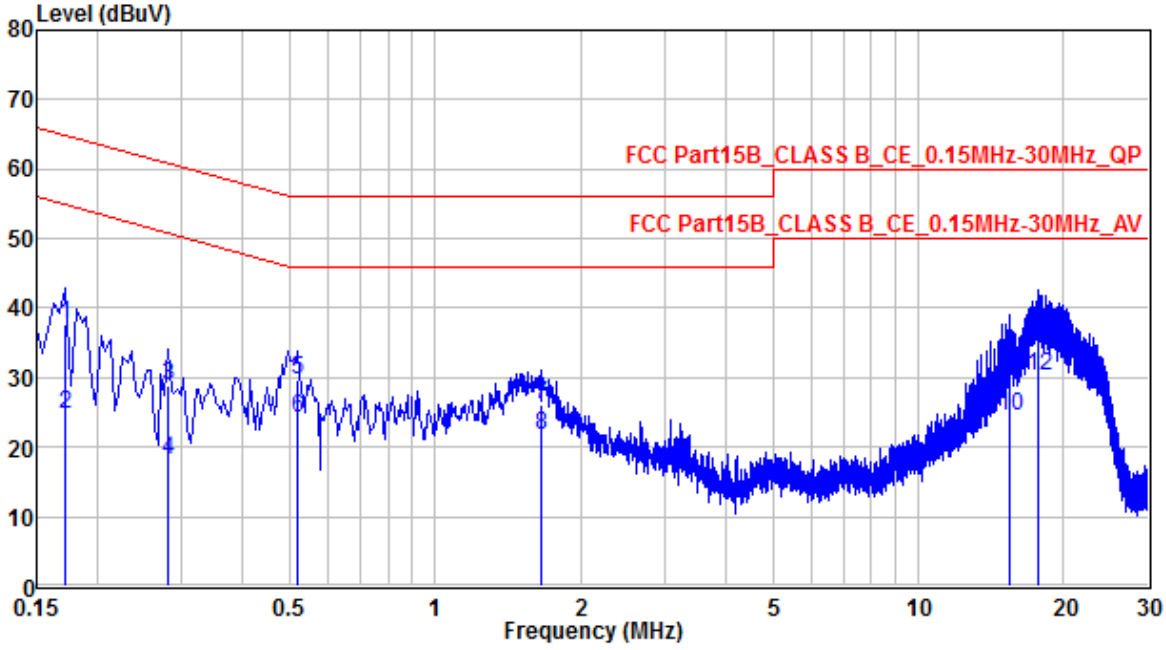


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.159	29.92	10.05	39.97	-25.55	65.52	QP
2		0.159	13.47	10.05	23.52	-32	55.52	Average
3		0.249	20.29	9.97	30.26	-31.53	61.79	QP
4		0.249	10.65	9.97	20.62	-31.17	51.79	Average
5		0.555	17.54	10.09	27.63	-28.37	56	QP
6		0.555	10.99	10.09	21.08	-24.92	46	Average
7		1.54	14.1	9.87	23.97	-32.03	56	QP
8		1.54	9.35	9.87	19.22	-26.78	46	Average
9		5.999	5.41	9.79	15.2	-44.8	60	QP
10		5.999	1.25	9.79	11.04	-38.96	50	Average
11	*	17.1	27.04	10.03	37.07	-22.93	60	QP
12	*	17.1	20.32	10.03	30.35	-19.65	50	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Factor (dB)+ Cable Loss (dB)
3. Measurement (dBuV) = Reading(dBuV)+ C.F (Correction Factor)

EUT	GT-500	Date of Test	2016/10/19
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	24°C / 68%
Polarity	Line1	Site / Test Engineer	SR2 / Kevin
Test Mode	Mode2	Test Voltage	AC 120V/60Hz

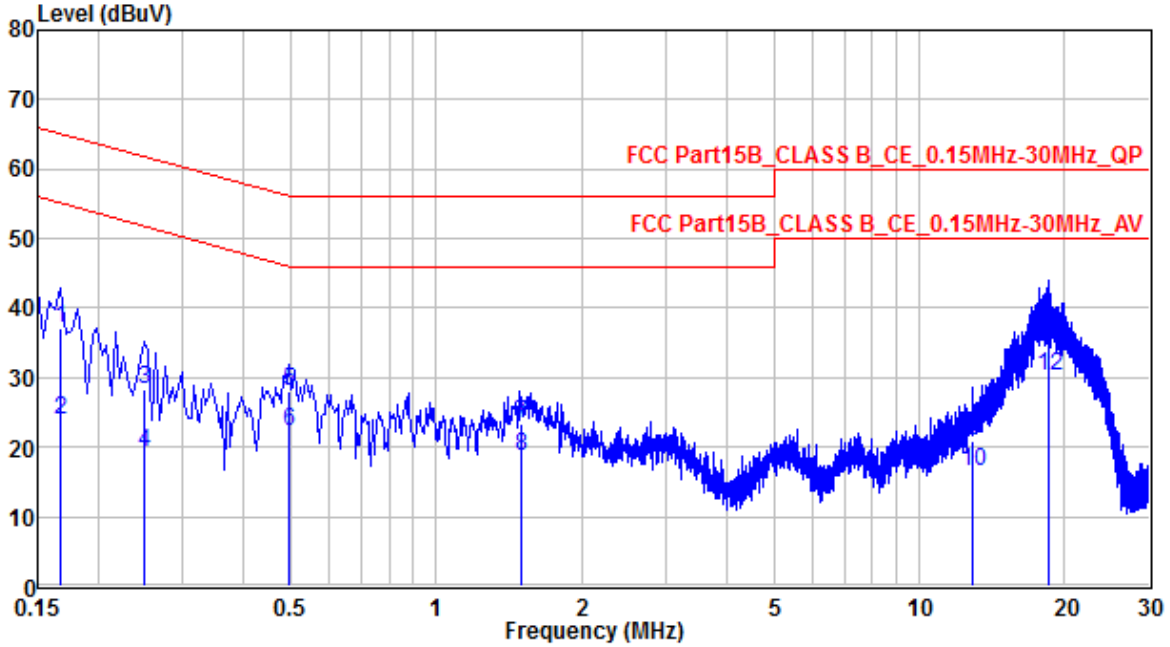


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.1725	27.42	10.13	37.55	-27.29	64.84	QP
2		0.1725	14.6	10.13	24.73	-30.11	54.84	Average
3		0.2805	18.86	9.98	28.84	-31.96	60.8	QP
4		0.2805	8.08	9.98	18.06	-32.74	50.8	Average
5		0.519	19.72	10.08	29.8	-26.2	56	QP
6		0.519	14.1	10.08	24.18	-21.82	46	Average
7		1.662	16.15	9.87	26.02	-29.98	56	QP
8		1.662	11.78	9.87	21.65	-24.35	46	Average
9		15.48	20.74	9.97	30.71	-29.29	60	QP
10		15.48	14.56	9.97	24.53	-25.47	50	Average
11	*	17.752	26.35	9.99	36.34	-23.66	60	QP
12	*	17.752	20.13	9.99	30.12	-19.88	50	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Factor (dB)+ Cable Loss (dB)
3. Measurement (dBuV) = Reading(dBuV)+ C.F (Correction Factor)

EUT	GT-500	Date of Test	2016/10/19
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	24°C / 68%
Polarity	Neutral	Site / Test Engineer	SR2 / Kevin
Test Mode	Mode2	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.168	27.1	10.1	37.2	-27.86	65.06	QP
2		0.168	13.95	10.1	24.05	-31.01	55.06	Average
3		0.249	18.27	9.97	28.24	-33.55	61.79	QP
4		0.249	9.19	9.97	19.16	-32.63	51.79	Average
5		0.4965	17.99	10.12	28.11	-27.95	56.06	QP
6		0.4965	12.16	10.12	22.28	-23.78	46.06	Average
7		1.5	13.57	9.87	23.44	-32.56	56	QP
8		1.5	8.88	9.87	18.75	-27.25	46	Average
9		12.942	10.94	9.93	20.87	-39.13	60	QP
10		12.942	6.43	9.93	16.36	-33.64	50	Average
11	*	18.549	26.44	10.06	36.5	-23.5	60	QP
12	*	18.549	20.15	10.06	30.21	-19.79	50	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Factor (dB)+ Cable Loss (dB)
3. Measurement (dBuV) = Reading(dBuV)+ C.F (Correction Factor)

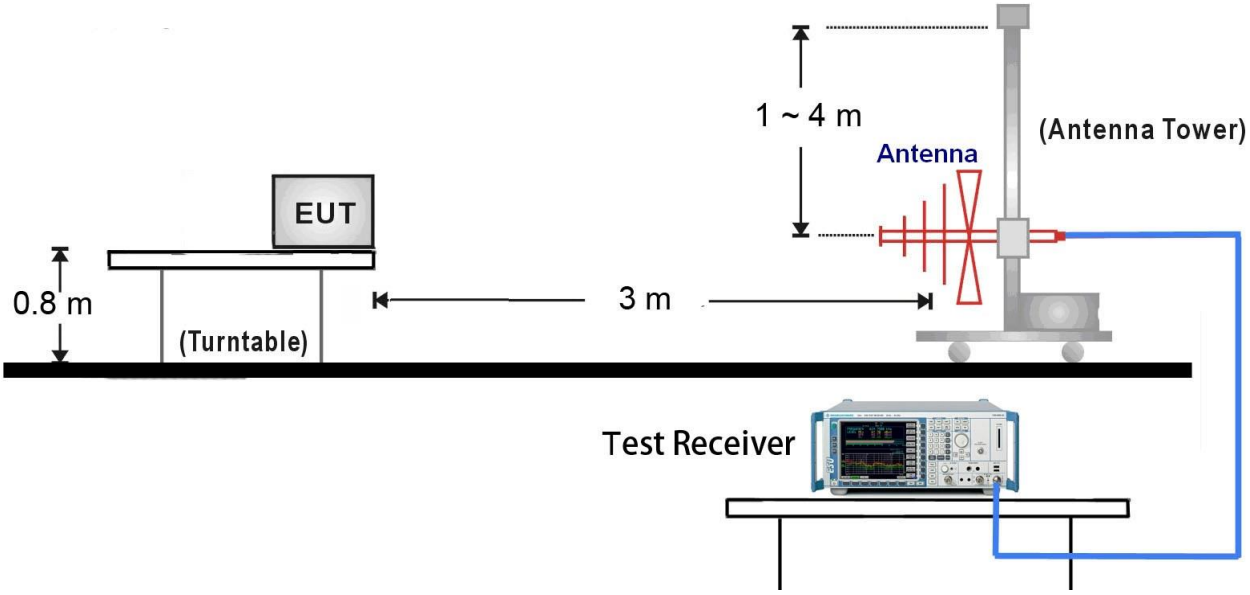
6.3. Radiated Emission Measurement

6.3.1. Test Limit

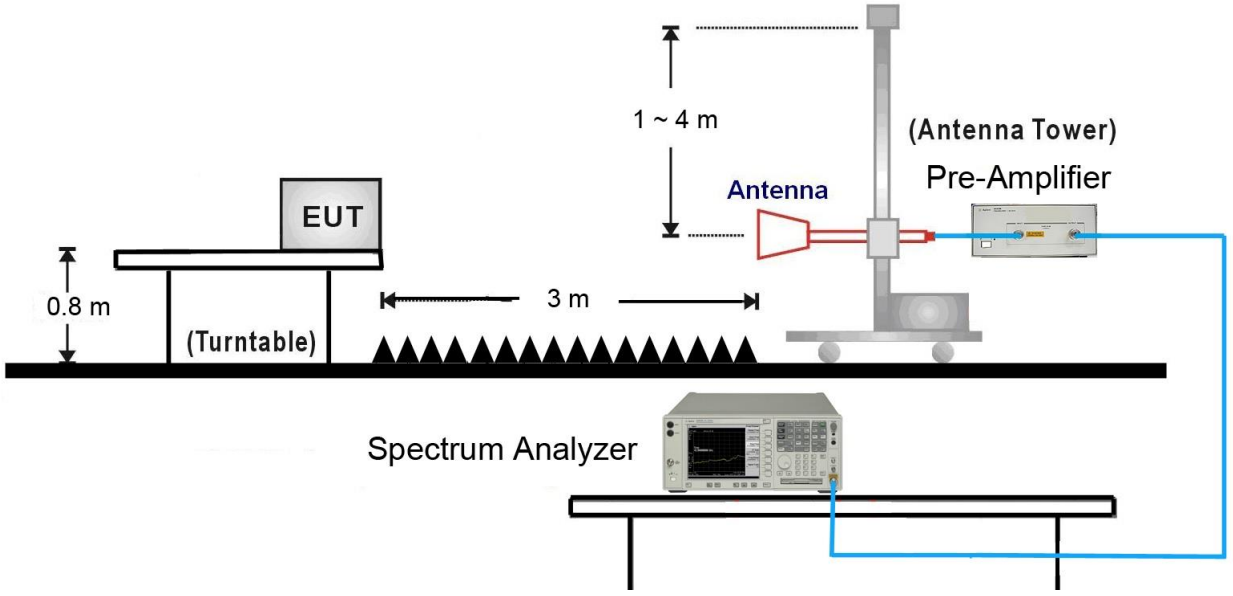
FCC Part 15.109 Limits		
Frequency (MHz)	Distance (m)	Level (dBμV/m)
30 - 88	3	40
88 - 216	3	43.5
216 - 960	3	46
Above 960	3	54
Note 1: The lower limit shall apply at the transition frequency. Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system. Note 3: E field strength (dBμV/m) = 20 log E field strength (uV/m)		

6.3.2. Test Setup

30MHz ~ 1GHz Test Setup:

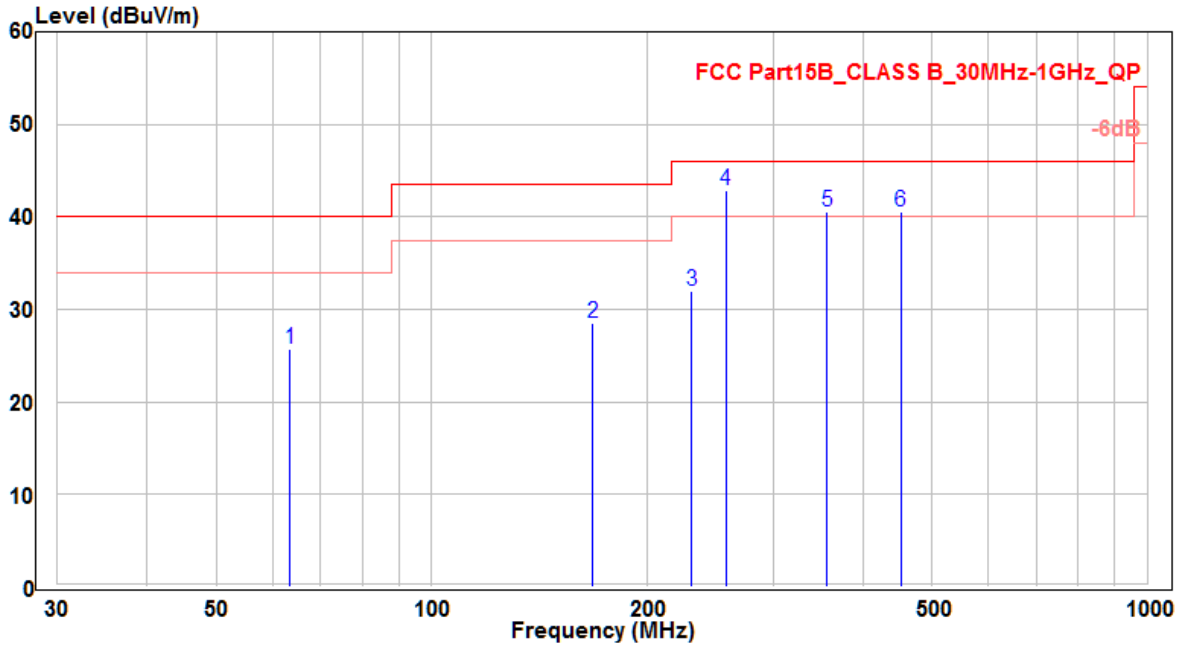


1GHz ~18GHz Test Setup:



6.3.3. Test Result

EUT	GT-500	Date of Test	2016/10/19
Factor	VULB 9162 (30MHz~8GHz)	Temp. / Humidity	25˚C / 58%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin
Test Mode	Mode1	Test Voltage	AC 120V/60Hz

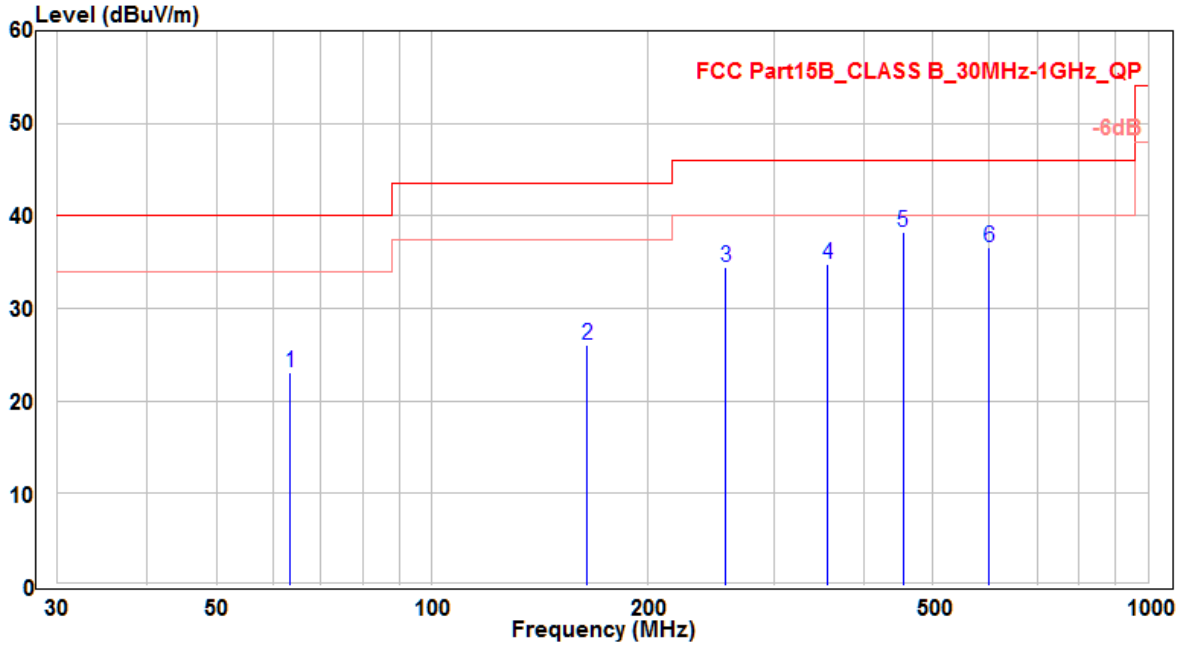


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		63.465	12.59	13.21	25.8	-14.2	40	100	385	QP
2		167.8	18.23	10.26	28.49	-15.01	43.5	150	320	QP
3		230.82	18.79	13.26	32.05	-13.95	46	100	345	QP
4	*	257.62	28.8	14.01	42.81	-3.19	46	100	340	QP
5		356.71	24.39	16.16	40.55	-5.45	46	100	10	QP
6		452.74	22.8	17.7	40.5	-5.5	46	100	179	QP

Note:

1. " * ", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor)

EUT	GT-500	Date of Test	2016/10/19
Factor	VULB 9162 (30MHz~8GHz)	Temp. / Humidity	25˚C / 58%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin
Test Mode	Mode1	Test Voltage	AC 120V/60Hz

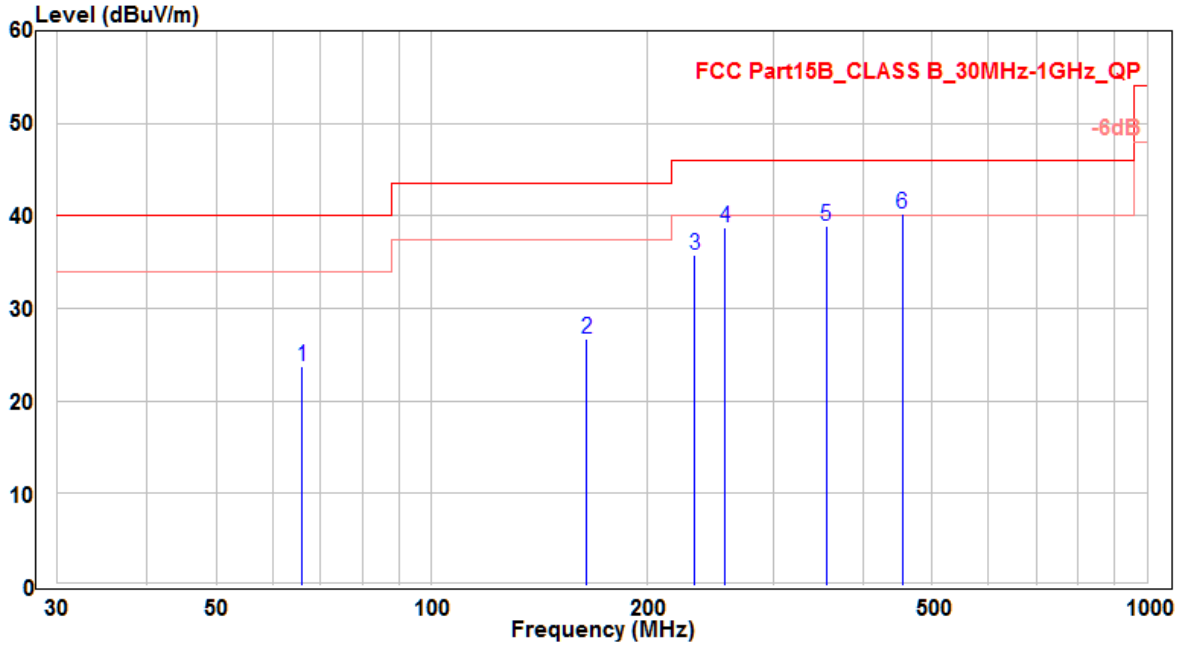


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		63.465	9.89	13.21	23.1	-16.9	40	100	380	QP
2		164.53	15.96	10.13	26.09	-17.41	43.5	150	210	QP
3		257.31	20.45	14	34.45	-11.55	46	100	390	QP
4		356.5	18.58	16.15	34.73	-11.27	46	100	-20	QP
5	*	454.86	20.51	17.74	38.25	-7.75	46	120	25	QP
6		598.97	16.2	20.32	36.52	-9.48	46	100	160	QP

Note:

1. " * ", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor)

EUT	GT-500	Date of Test	2016/10/19
Factor	VULB 9162 (30MHz~8GHz)	Temp. / Humidity	25˚C / 58%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin
Test Mode	Mode2	Test Voltage	AC 120V/60Hz

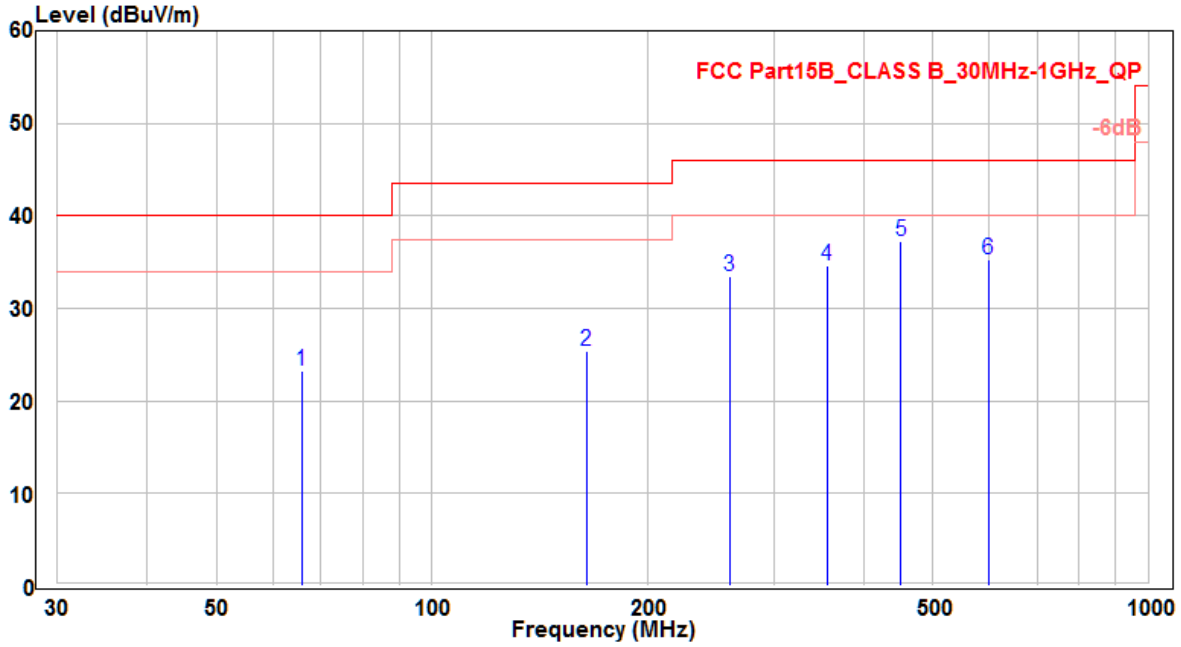


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		65.86	11.28	12.51	23.79	-16.21	40	100	365	QP
2		164.53	16.53	10.13	26.66	-16.84	43.5	120	230	QP
3		233.4	22.4	13.35	35.75	-10.25	46	100	-25	QP
4		257.37	24.8	14.01	38.81	-7.19	46	110	-20	QP
5		356.22	22.7	16.15	38.85	-7.15	46	100	375	QP
6	*	454.65	22.55	17.73	40.28	-5.72	46	100	355	QP

Note:

1. " * ", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor)

EUT	GT-500	Date of Test	2016/10/19
Factor	VULB 9162 (30MHz~8GHz)	Temp. / Humidity	25˚C / 58%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin
Test Mode	Mode2	Test Voltage	AC 120V/60Hz

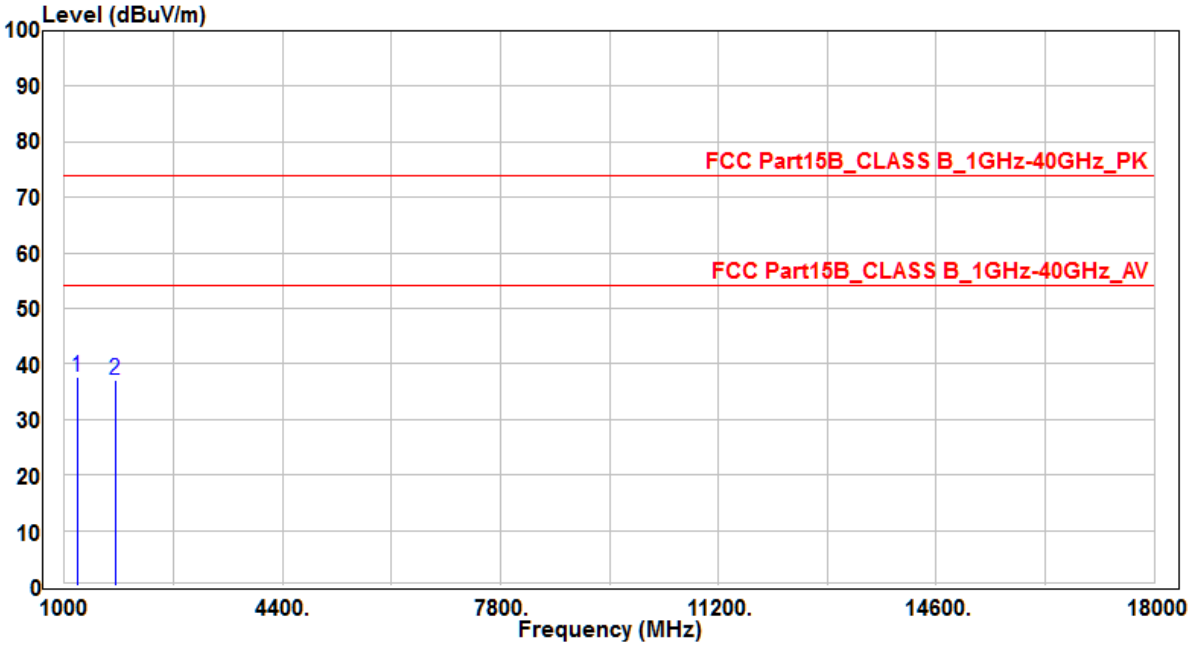


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		65.738	10.69	12.54	23.23	-16.77	40	120	265	QP
2		164.47	15.32	10.13	25.45	-18.05	43.5	100	350	QP
3		260.28	19.45	14.06	33.51	-12.49	46	100	-20	QP
4		355.77	18.49	16.14	34.63	-11.37	46	100	365	QP
5	*	451.37	19.65	17.67	37.32	-8.68	46	150	165	QP
6		598.48	14.97	20.31	35.28	-10.72	46	100	-10	QP

Note:

1. " * ", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor)

EUT	GT-500	Date of Test	2016/10/20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	25˚C / 58%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin
Test Mode	Mode1	Test Voltage	AC 120V/60Hz

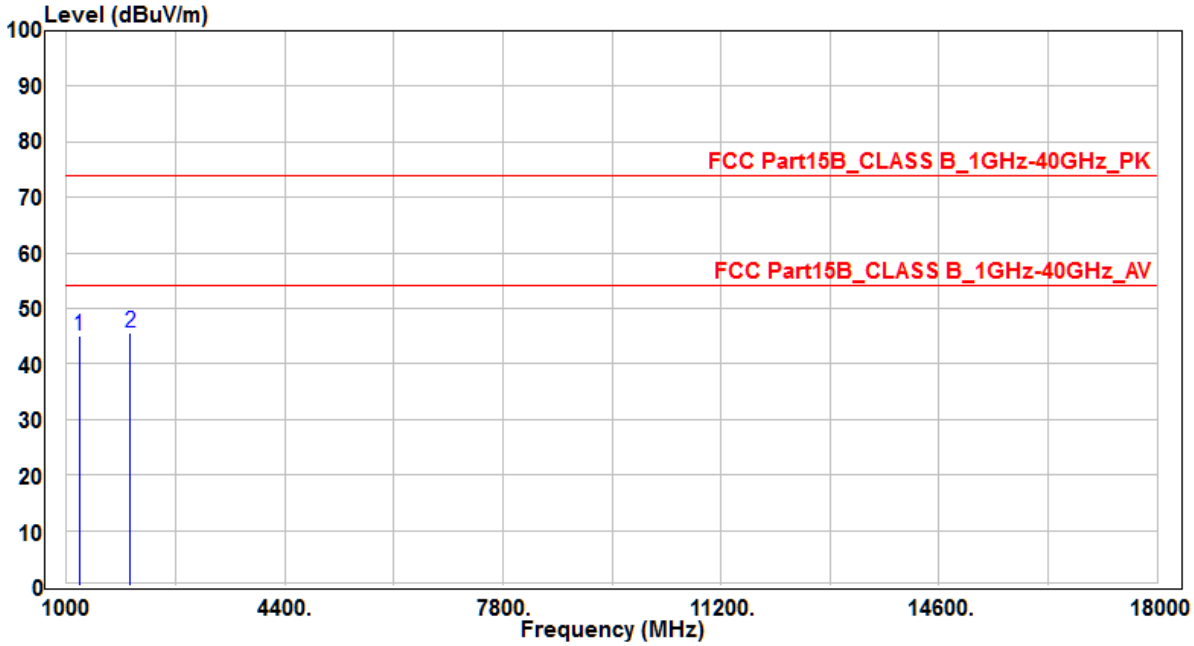


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1199	43.97	-6.3	37.67	-36.33	74	400	400	Peak
2		1796.1	42.45	-5.37	37.08	-36.92	74	400	400	Peak

Note:

1. " * ", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor)

EUT	GT-500	Date of Test	2016/10/20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	25˚C / 58%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin
Test Mode	Mode1	Test Voltage	AC 120V/60Hz

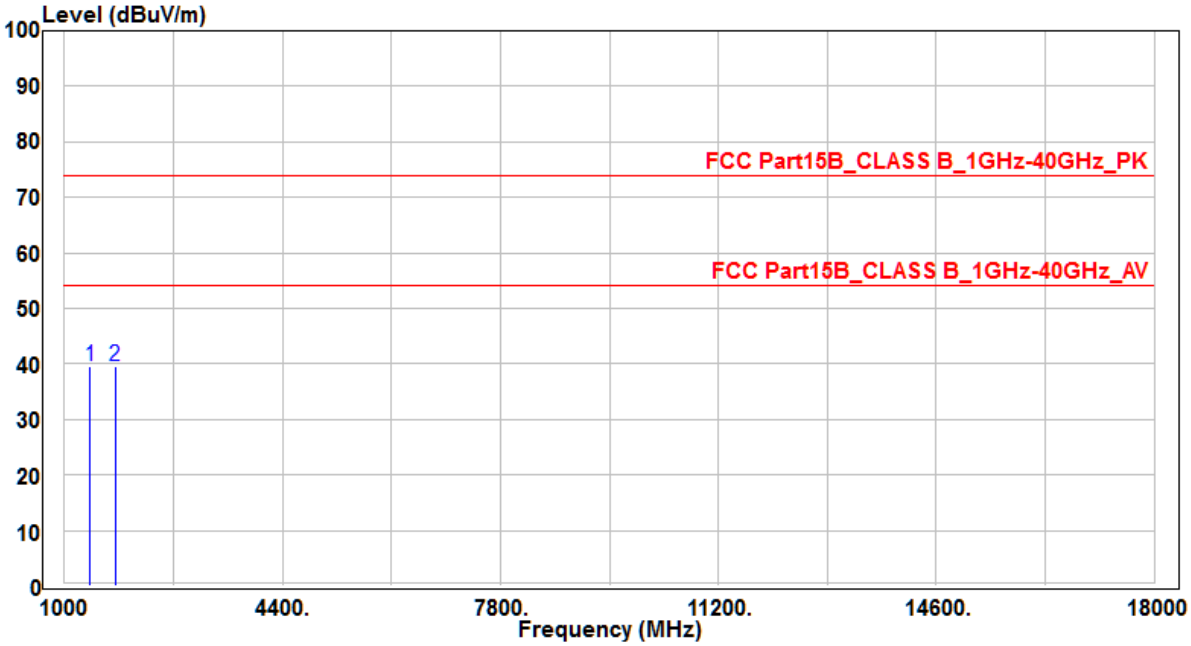


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		1196.3	51.33	-6.34	44.99	-29.01	74	400	400	Peak
2	*	1999	49.68	-4.09	45.59	-28.41	74	400	400	Peak

Note:

1. " * ", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor)

EUT	GT-500	Date of Test	2016/10/20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	25˚C / 58%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kevin
Test Mode	Mode2	Test Voltage	AC 120V/60Hz

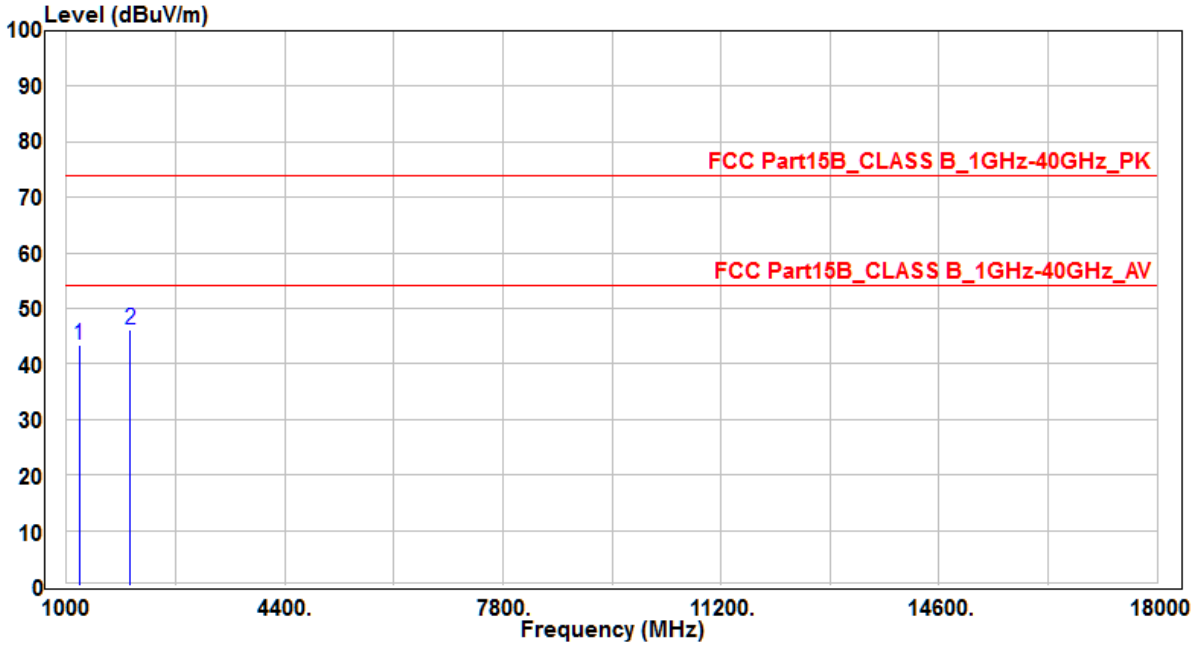


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		1395.5	45.01	-5.53	39.48	-34.52	74	400	400	Peak
2	*	1790.7	45.06	-5.4	39.66	-34.34	74	400	400	Peak

Note:

1. " * ", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor)

EUT	GT-500	Date of Test	2016/10/20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	25˚C / 58%
Polarity	Vertical	Site / Test Engineer	AC1 / Kevin
Test Mode	Mode2	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		1195.8	49.62	-6.34	43.28	-30.72	74	400	400	Peak
2	*	1998.5	50.3	-4.1	46.2	-27.8	74	400	400	Peak

Note:

1. " * ", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor)

7. CONCLUSION

The data collected relate only the item(s) tested and show that the **5" RUGGED ANDROID™ HANDHELD DEVICE WITH LTE SOLUTION** has been tested to comply with the requirements specified in §15.107 and §15.109 of the FCC Rules.