FCC 47 CFR PART 15 SUBPART B TEST REPORT

for

Mobile Phone

MODEL: K107, P30D

Trade Name: B-mobile

Test Report Number: KS110407B02-EF

Issued to:

Global Mobile Communication (HK) Ltd.,

7/F,Kin On Commercial Building,49-51 Jervois Street,Sheung Wan,HongKong,China

Issued by:

Compliance Certification Services Inc.

Linkuo Laboratory

No. 81-1, Lane 210, Pa-De 2nd Rd., Luchu Hsiang,
Taoyuan Shien, (338), Taiwan, R.O.C.

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Issued Date: April 14, 2011

ACCREDITED
TESTING CERT #2541.01

ilac-MRA

Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	April 14, 2011	Initial Issue	ALL	Hadiif.Hoo

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1 TEST RESULT CERTIFICATION

Product Name:	Mobile Phone
Model No.:	K107, P30D
Brand Name:	B-mobile
Applicant:	Global Mobile Communication (HK) Ltd.,
Address :	7/F,Kin On Commercial Building,49-51 Jervois Street,Sheung Wan,HongKong,China
Manufacturer:	Water World Technology Co., Ltd
Address :	6 Floor, Block B, Digital Building, Garden City,No.1079.Nanhai Road, NanshanDistrict, Shenzhen, Guangdong, China
Tested Date:	April 12,2011-April 14,2011

EMISSION			
Standard	**Item**	**Result**	**Remarks**
FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 4 ANSI C63.4-2009	Conducted (Power Port)	PASS	Meet Class B limit
	Radiated	PASS	Meet Class B limit

Note: 1. The statements of test result on the above are decided by the request of test standard only; the measurement uncertainties are not factored into this compliance determination.
2. The information of measurement uncertainty is available upon the customer's request.

Deviation from Applicable Standard
None

The above equipment has been tested by Compliance Certification Services Inc., and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved by:

Hadiif.Hoo
EMC Manager
Compliance Certification Service Inc.

Reviewed by:

Dohnny.Lu
EMC Section Manager
Compliance Certification Service Inc.

2 EUT DESCRIPTION

Product Name	Mobile Phone
Brand Name	B-mobile
Model Number	K107, P30D
FCC ID	FCC ID: ZFT-K107
Applicant	Global Mobile Communication (HK) Ltd.,
Housing material	plastic casing
EUT Type	☐Engineering Sample. ☒ Product Sample. ☐Mass Product Sample.
EUT Power Rating	Powered from an AC/DC power adapter Input: 100-240VAC 50/60Hz, 0.2A Output: DC 5V, 0.5A Rechargeable battery Li-polymer 3.7V 600mAh
AC Power Cord Type	N/A
I/O Cable Type	Shielded,1m

I/O PORT

I/O PORT TYPES	Q'TY	TESTED WITH
1. Micro B Port	1	1

3 TEST METHODOLOGY

3.1. DECISION OF FINAL TEST MODE

The EUT was tested together with the above additional components, and a configuration, which produced the worst emission levels, was selected and recorded in this report.

The test configuration modes are as the following:

Conduction Modes:

1	**Micro B Port Data rate**
2	**Micro B Port Adapter**

Radiation Modes:

1	**Micro B Port Data rate**
2	**Micro B Port Adapter**

After the preliminary scan, the following test mode was found to produce the final emission level.

Conduction: Mode 2

Radiation: Mode 2

4 SETUP OF EQUIPMENT UNDER TEST

4.1. DESCRIPTION OF SUPPORT UNITS

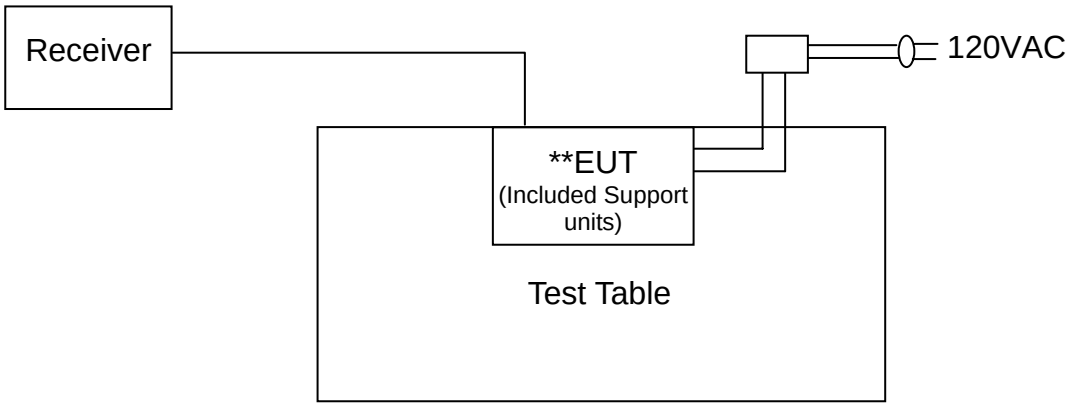
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Equipment	Model No.	Serial No.	FCC ID	Trade Name	Data Cable	Power Cord
1	PC	6010GC	CNG44001T2	DoC	HP	Shielded, 1.8m with two Core	Un-Shielded, 1.8m

Note:

1) All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2) Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

4.2. CONFIGURATION OF SYSTEM UNDER TEST



5 FACILITIES AND ACCREDITATIONS

5.1. FACILITIES

All measurement facilities used to collect the measurement data are located at
No. 81-1, Lane 210, Pa-De 2nd Rd., Luchu Hsiang, Taoyuan Shien, Taiwan.

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR 22. All receiving equipment conforms to CISPR 16-1-1, CISPR 16-1-2, CISPR 16-1-3, CISPR 16-1-4, CISPR 16-1-5.

5.2. ACCREDITATIONS

Our laboratories are accredited and approved by the following accreditation body according to ISO/IEC 17025.

USA	A2LA

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

Canada	Industry Canada
Japan	VCCI
Taiwan	BSMI
USA	FCC

Copies of granted accreditation certificates are available for downloading from our web site, http:///www.ccsrf.com

5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Uncertainty
Conducted emissions	0.15MHz~30MHz	± 3.43 dB

Measurement	Polarity	Frequency	Uncertainty
Radiated emissions (below 1GHz)	H	30MHz ~ 200MHz	+/- 4.72dB
		200MHz ~1000MHz	+/- 4.72dB
	V	30MHz ~ 200MHz	+/- 4.83dB
		200MHz ~1000MHz	+/- 4.70dB
Radiated emissions (above 1GHz)	H	1000MHz ~5000MHz	+/- 3.92dB
		5000MHz ~8000MHz	+/- 3.94dB
	V	1000MHz ~5000MHz	+/- 3.92dB
		5000MHz ~8000MHz	+/- 3.93dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Consistent with industry standard (e.g. CISPR 22: 2005, clause 11, Measurement Uncertainty) determining compliance with the limits shall be base on the results of the compliance measurement. Consequently the measure emissions being less than the maximum allowed

emission result in this be a compliant test or passing test.

The acceptable measurement uncertainty value without requiring revision of the compliance statement is base on conducted and radiated emissions being less than U_{CISPR} which is 3.6dB and 5.2dB respectively. CCS values (called U_{Lab} in CISPR 16-4-2) is less than U_{CISPR} as shown in the table above. Therefore, MU need not be considered for compliance.

5.4. LIST OF TEST EQUIPMENT

Conducted Emission				
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Due**
EMI TEST RECEIVER	R&S	ESCI3	100781	04/29/2011
V (V-LISN)	Schwarzbeck	NNLK 8129	8129-143	04/29/2011
LISN (EUT)	FCC	FCC-LISN-50/250-50-2-02	SN:05012	04/29/2011
TRANSIENT LIMITER	SCHAFFNER	CFL9206	1710	04/29/2011
Test Software	EZ-EMC			

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. N.C.R = No Calibration Request.

Radiated Emission (Test Site A (10m chamber) for 30MHz-1GHz)				
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Due**
EMI Test Receiver	R&S	ESI26	100068	05/26/2011
Bilog Antenna	Sunol	JB1	A110204	06/24/2011
Pre-Amplifier	Anritsu	MH648A	M64192	05/28/2011
System Controller	Sunol	SC99V	121501-1	N.C.R.
Turn Table	Sunol	FM3022HS	N/A	N.C.R.
Antenna Mast	Sunol	TWR 99-4	121501-3	N.C.R.
Test Software	EZ-EMC			

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. N.C.R = No Calibration Request.

Radiated Emission (3M Semi Anechoic Chamber (977) For 1 GHz -18GHz)				
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Due**
Spectrum Analyzer	Agilent	E4446A	MY44020154	05/26/2011
EMI Test Receiver	R&S	ESPI3	101026	04/29/2011
Pre-Amplfier	MINI	ZFL-1000VH2	d041703	06/30/2011
Pre-Amplfier	Miteq	NSP4000-NF	870629	06/30/2011
Bilog Antenna	Sunol	JB1	A110204-2	06/24/2011
Horn-antenna	SCHWARZBECK	BBHA9120D	D:266	05/07/2011
Turn Table	CT	CT123	4165	N.C.R
Antenna Tower	CT	CTERG23	3256	N.C.R
Controller	CT	CT1OO	95637	N.C.R
Test Software	EZ-EMC			

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2.N.C.R = No Calibration Request.

6 CONDUCTED EMISSION MEASUREMENT

6.1. LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

NOTE:

(1) The lower limit shall apply at the transition frequencies.
(2) The limit decreases in line with the logarithm of the frequency in the range 0.15 to 0.50 MHz.
(3) All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

6.2. TEST INSTRUMENTS

See list of test equipment of this test report.

6.3. TEST PROCEDURES

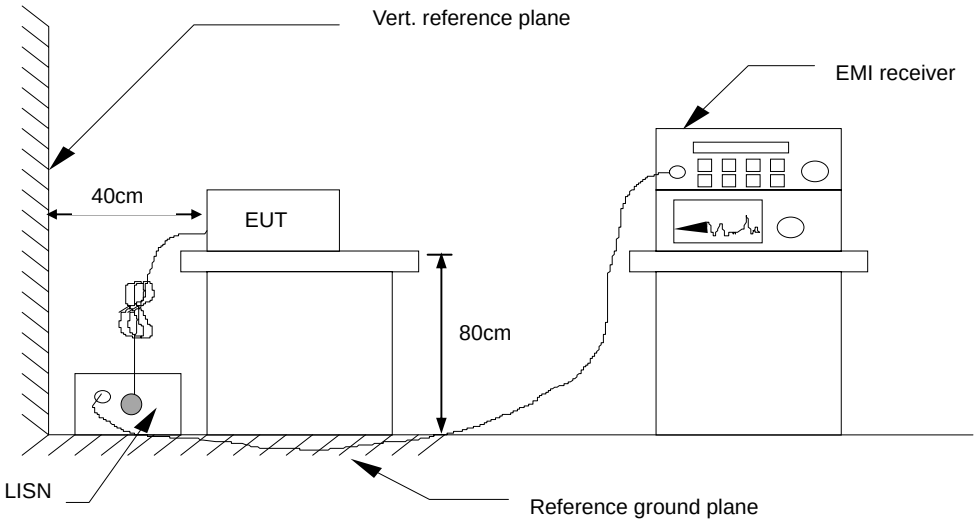
Procedure of Preliminary Test

- The EUT and support equipment, if needed, were set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor standing equipment, it is placed on the ground plane, which has a 12 mm non-conductive covering to insulate the EUT from the ground plane.
- All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
- The test equipment EUT installed by AC 120VAC/60Hz main power, through a Line Impedance Stabilization Network (LISN), which was supplied power source and was grounded to the ground plane.
- All support equipment power by from a second LISN.
- The test program of the EUT was started. Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.
- The Receiver scanned from 150kHz to 30MHz for emissions in each of the test modes.
- During the above scans, the emissions were maximized by cable manipulation.
- The test mode(s) described in Item 3.1 were scanned during the preliminary test.
- After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.
- The worst configuration of EUT and cable of the above highest emission level were recorded for reference of the final test.

Procedure of Final Test

- EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.
- A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.
- The test data of the worst-case condition(s) was recorded.

6.4. TEST SETUP



- For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

6.5. DATA SAMPLE

Frequency	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)
x.xx	35.81	34.89	10.16	45.97	45.05	59.93	49.93	-13.96	-4.88

Correction factor (dB) = cable loss + Insertion loss of LISN+ Insertion loss of transient limiter
(The transient limiter included 10 dB attenuation)

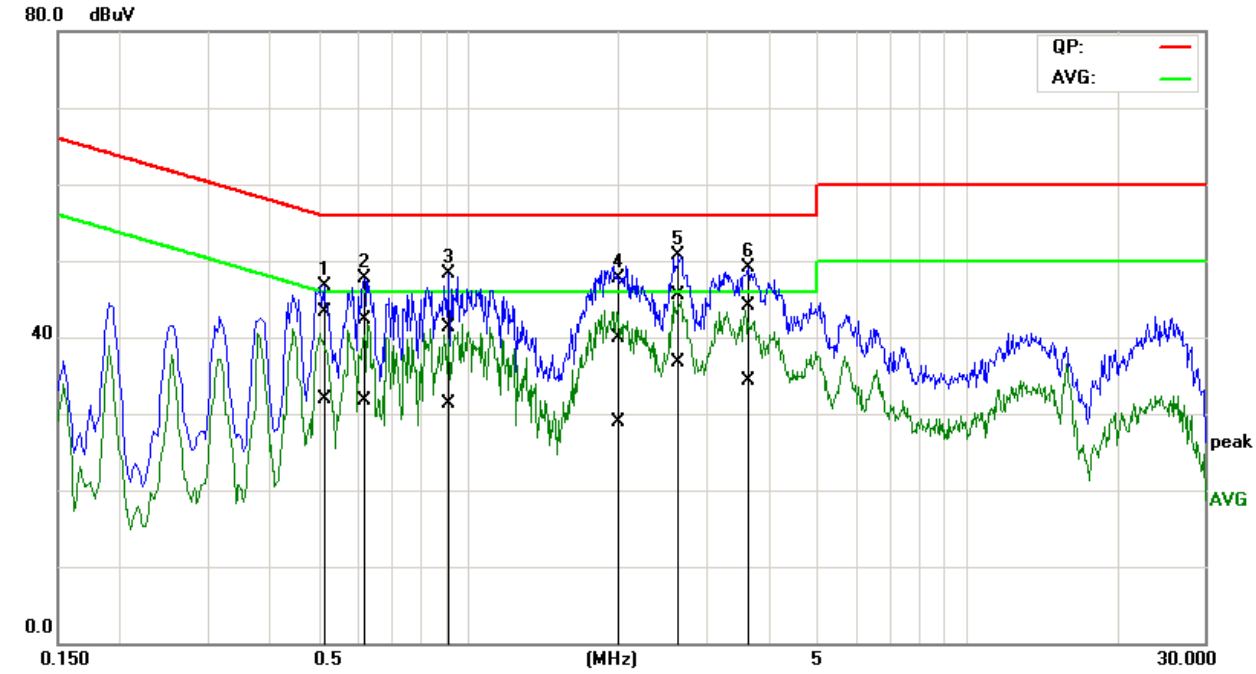
(QuasiPeak/ Average)Result = (QuasiPeak/ Average)reading + Correction Factor (dB)

Calculation Formula

(QuasiPeak/ Average)Margin (dB) = (QuasiPeak/ Average)Result (dBuV) –(QuasiPeak/ Average)Limit (dBuV)

6.6. TEST RESULTS

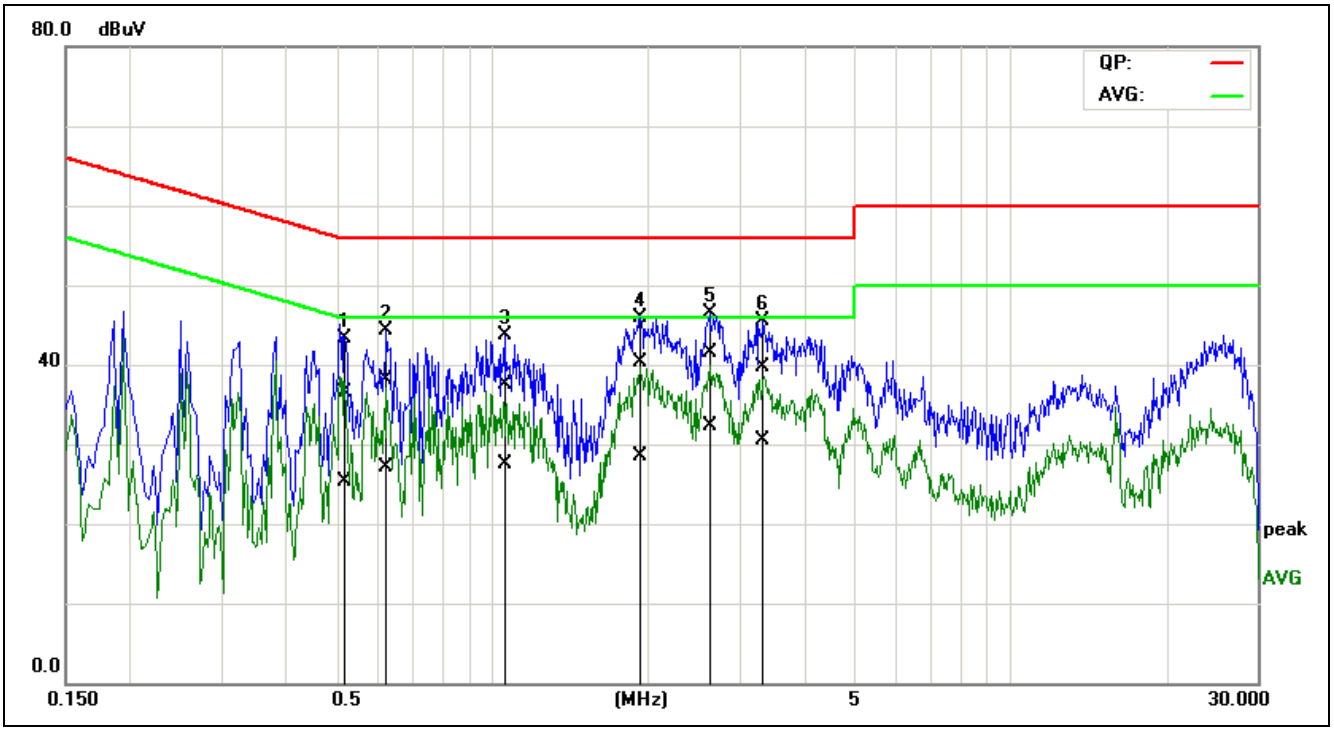
L1



No.	Frequency	QuasiPeak reading	Average reading	Correction factor	QuasiPeak result	Average result	QuasiPeak limit	Average limit	QuasiPeak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.5145	32.54	20.98	10.83	43.37	31.81	56.00	46.00	-12.63	-14.19	Pass
2	0.6181	31.46	20.86	10.89	42.35	31.75	56.00	46.00	-13.65	-14.25	Pass
3	0.9122	30.32	20.28	11.01	41.33	31.29	56.00	46.00	-14.67	-14.71	Pass
4	2.0215	28.76	17.80	11.09	39.85	28.89	56.00	46.00	-16.15	-17.11	Pass
5*	2.6285	34.45	25.65	11.13	45.58	36.78	56.00	46.00	-10.42	-9.22	Pass
6	3.6507	32.97	23.20	11.16	44.13	34.36	56.00	46.00	-11.87	-11.64	Pass

Note: 1. L1 = Line One (Live Line) / L2 = Line Two (Neutral Line).

L2



No.	Frequency	QuasiPeak reading	Average reading	Correction factor	QuasiPeak result	Average result	QuasiPeak limit	Average limit	QuasiPeak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.5233	26.39	15.11	10.14	36.53	25.25	56.00	46.00	-19.47	-20.75	Pass
2	0.6242	27.98	16.88	10.14	38.12	27.02	56.00	46.00	-17.88	-18.98	Pass
3	1.0405	27.35	17.31	10.22	37.57	27.53	56.00	46.00	-18.43	-18.47	Pass
4	1.9115	29.84	17.91	10.54	40.38	28.45	56.00	46.00	-15.62	-17.55	Pass
5*	2.6044	30.85	21.69	10.68	41.53	32.37	56.00	46.00	-14.47	-13.63	Pass
6	3.2824	28.85	19.75	10.78	39.63	30.53	56.00	46.00	-16.37	-15.47	Pass

Note: 1. L1 = Line One (Live Line) / L2 = Line Two (Neutral Line).

7 RADIATED EMISSION MEASUREMENT

7.1. LIMITS OF RADIATED EMISSION MEASUREMENT

Below 1GHz (for digital device)

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

Limit tables for non-digital device:

Class A Radiated Emission limit at 10m (for others)

Frequency (MHZ)	Field Strength Limit (uV/m)Q.P.	Field Strength Limit (dBuV/m)Q.P.
30 - 88	90	39
88 - 216	150	43.5
216 – 960	210	46.4
Above 960	300	49.5

Class B Radiated Emission limit at 3m (for others)

Frequency (MHZ)	Field Strength Limit (uV/m)Q.P.	Field Strength Limit (dBuV/m)Q.P.
30 - 88	100	40
88 - 216	150	43.5
216 – 960	200	46
Above 960	500	54

Above 1GHz(for all device)

Frequency (MHZ)	Class A (dBuV/m) (At 10m)		Class B (dBuV/m) (At 3m)	
	Average	Peak	Average	Peak
Above 1000	49.5	69.5	54	74

NOTE: (1) The lower limit shall apply at the transition frequencies.
(2) Emission level (dBuV/m) = 20 log Emission level (uV/m).
(3) The measurement above 1GHz is at close-in distances 3m,and determine the limit L_2 corresponding to the close-in distance d_2 by applying the following relation: $L_2 = L_1 (d_1/d_2)$, where L_1 is the specified limit in microvolts per metre (uV/m) at the distance d_1 (10m), L_2 is the new limit for distance d_2 (3m).
So the new Class A limit above 1GHz at 3m is as following table:

Frequency (MHZ)	Class A (dBuV/m) (At 3m)	
	Average	Peak
Above 1000	60	80

According to FCC Part 15.33 (b), for an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.75	30
1.75-108	1000
108-500	2000
500-1000	5000
Above 1000	5^{th} harmonic of the highest frequency or 40GHz, whichever is lower

7.2. TEST INSTRUMENTS

See list of test equipment of this test report.

7.3. TEST PROCEDURES

Procedure of Preliminary Test

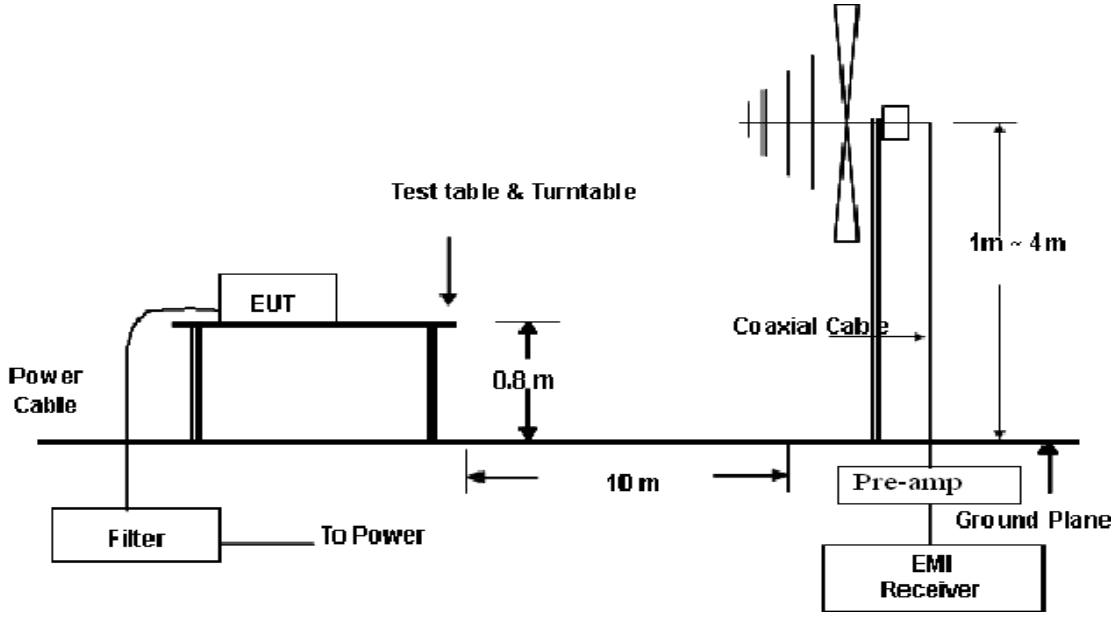
- The equipment was set up as per the test configuration to simulate typical usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.8 meters is used which is placed on the ground plane. When the EUT is a floor standing equipment, it is placed on the ground plane which has a 12 mm non-conductive covering to insulate the EUT from the ground plane.
- Support equipment, if needed, was placed as per ANSI C63.4.
- All I/O cables were positioned to simulate typical usage as per ANSI C63.4.
- The EUT received AC 120VAC/60Hz power source from the outlet socket under the turntable. All support equipment power received from another socket under the turntable.
- The antenna was placed at 3 or 10 meter away from the EUT as stated in ANSI C63.4. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.
- The Analyzer / Receiver quickly scanned from 30MHz to 40GHz. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- Set the spectrum analyzer/ Receiver in the following setting as:
  Below 1GHz:
  RBW=100kHz / VBW=100kHz / Sweep=AUTO
  Above 1GHz:
  Peak: RBW=VBW=1MHz / Sweep=AUTO
  Average: RBW=1MHz / VBW=10Hz / Sweep=AUTO
- The test mode(s) described in Item 3.1 were scanned during the preliminary test:
- After the preliminary scan, we found the test mode described in Item 3.1 producing the highest emission level.
- The worst configuration of EUT and cable of the above highest emission level were recorded for reference of the final test.

Procedure of Final Test

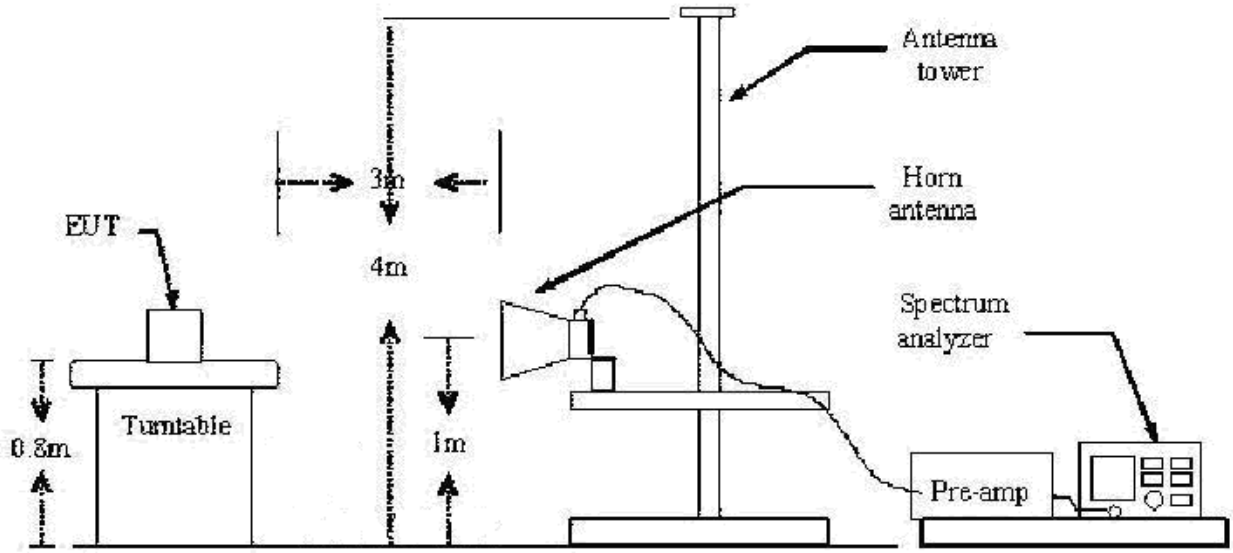
- EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test.
- The Analyzer / Receiver scanned from 30MHz to 40GHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 or 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- Recording at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. Below 1GHz the Q.P. reading and above 1GHz the Peak and Average reading are presented.
- The test data of the worst-case condition(s) was recorded.

7.4. TEST SETUP

Below 1 GHz



. **Above 1 GHz**



- For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

7.5. DATA SAMPLE

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (°)	Remark
x.xx	37.04	-14.00	23.04	30.00	-6.96	300	40	peak

Freq. = Emission frequency in MHz
Reading = Uncorrected Analyzer/Receiver reading
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain
Result = Reading + Factor
Limit = Limit stated in standard
Margin = Reading in reference to limit
Height = Height of antenna
Degree = Position of turn table
Remark = Information of value (Peak/ QuasiPeak/Average)

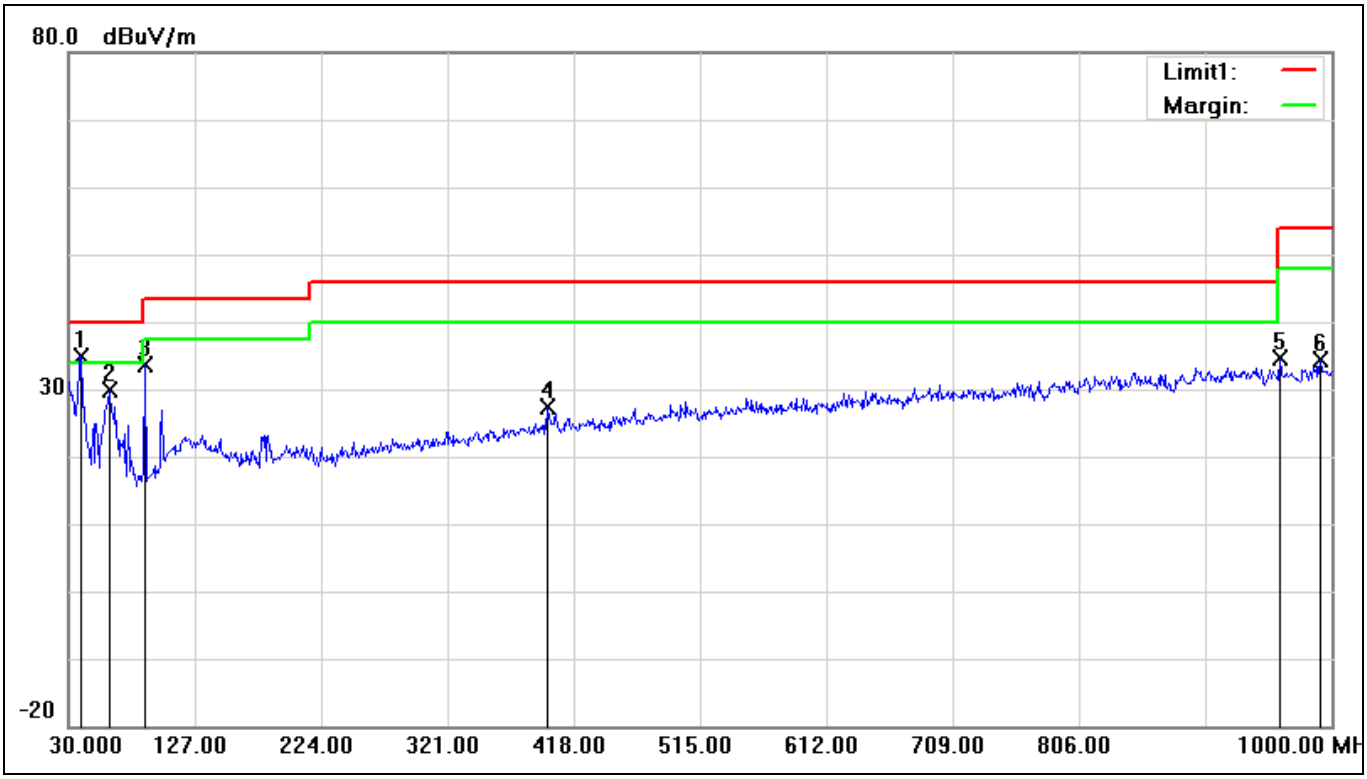
Calculation Formula

Margin (dB) = Result (dBuV/m) – Limit (dBuV/m)

7.6. TEST RESULTS

Below 1GHz

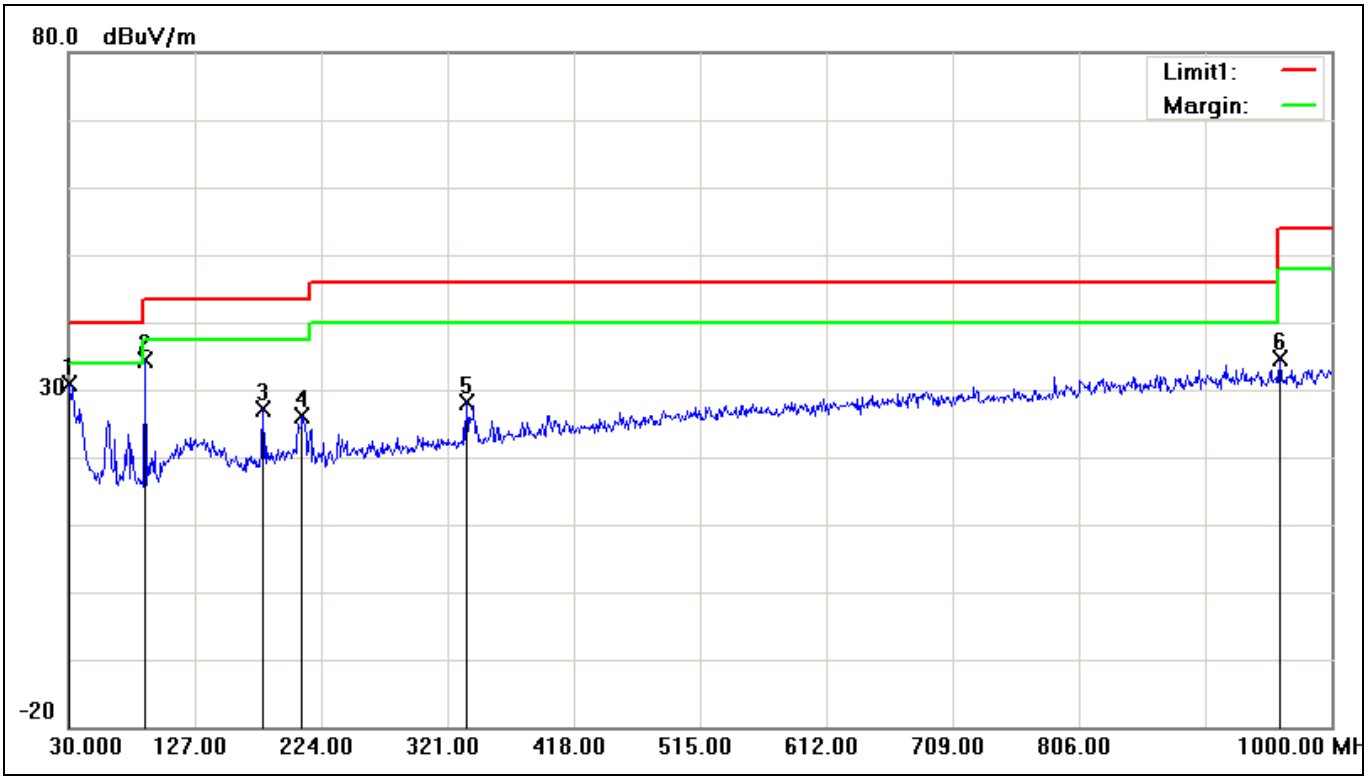
Model No.	K107	Test Mode	Mode 2
Environmental Conditions	26deg.C, 78% RH, 1010hPa	6dB Bandwidth	100 kHz
Antenna Pole	Vertical	Antenna Distance	3m
Detector Function	Quasi-peak.	Tested by	Sean.Yu
Standard	FCC CLASS B		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	39.7000	39.92	-4.97	34.95	40.00	-5.05	100	281	peak
2	61.0400	41.41	-11.47	29.94	40.00	-10.06	100	1	peak
3	88.2000	45.04	-11.30	33.74	43.50	-9.76	100	173	peak
4	397.6300	28.59	-1.16	27.43	46.00	-18.57	100	133	peak
5	960.2300	26.50	8.07	34.57	54.00	-19.43	100	324	peak
6	991.2700	25.70	8.61	34.31	54.00	-19.69	100	283	peak

Note: 1. The other emission levels were very low against the limit.

Model No.	K107	Test Mode	Mode 2
Environmental Conditions	26deg.C, 78% RH, 1010hPa	6dB Bandwidth	100 kHz
Antenna Pole	Horizontal	Antenna Distance	3m
Detector Function	Quasi-peak.	Tested by	Sean.Yu
Standard	FCC CLASS B		

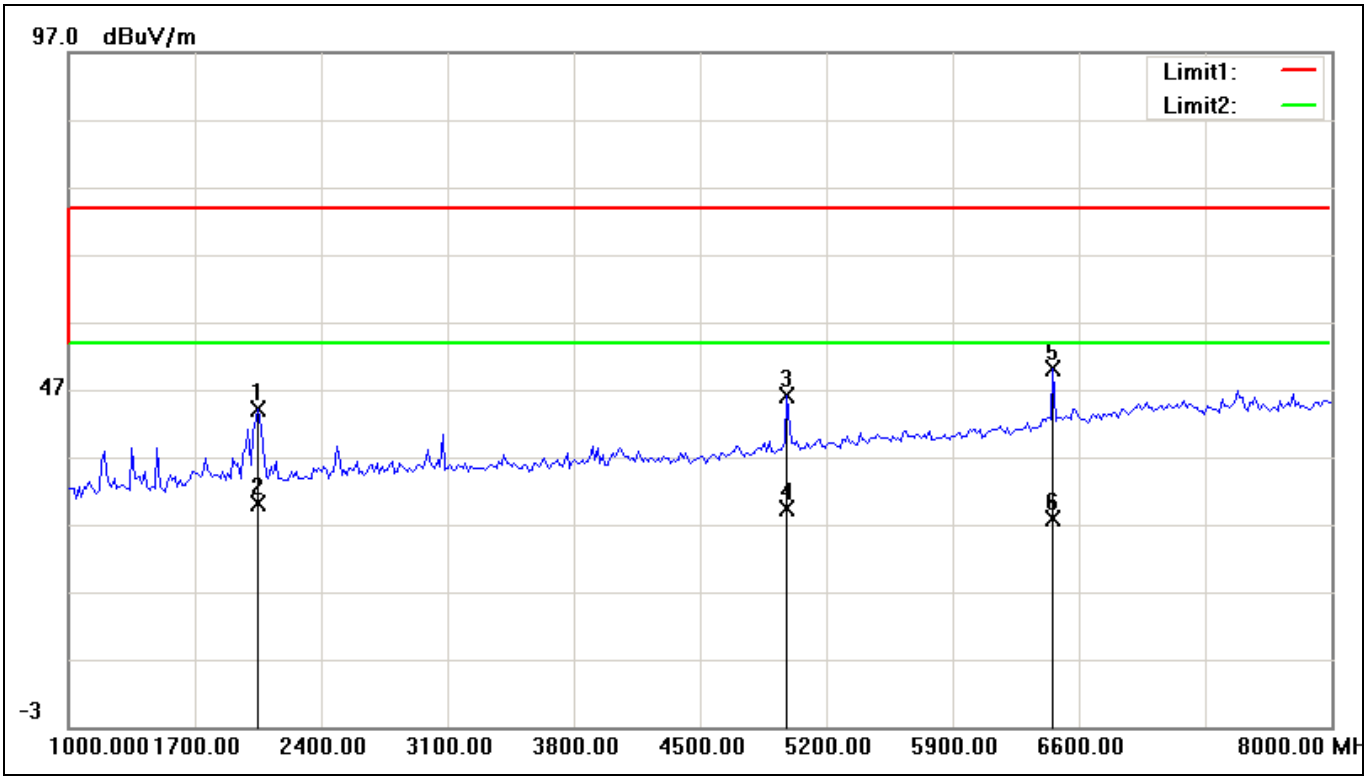


No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	30.0000	28.90	1.87	30.77	40.00	-9.23	100	186	peak
2	88.2000	45.57	-11.30	34.27	43.50	-9.23	100	145	peak
3	179.3800	33.94	-6.82	27.12	43.50	-16.38	100	112	peak
4	209.4500	32.12	-6.07	26.05	43.50	-17.45	100	110	peak
5	335.5500	31.16	-3.02	28.14	46.00	-17.86	100	106	peak
6	960.2300	26.55	8.07	34.62	54.00	-19.38	100	186	peak

Note: 1. The other emission levels were very low against the limit.

Above 1GHz

Model No.	K107	Test Mode	Mode 2
Environmental Conditions	26deg.C, 78% RH, 1010hPa	6dB Bandwidth	1 MHz
Antenna Pole	Vertical	Antenna Distance	3m
Detector Function	Peak or average.	Tested by	Sean.Yu
Standard	FCC CLASS B		

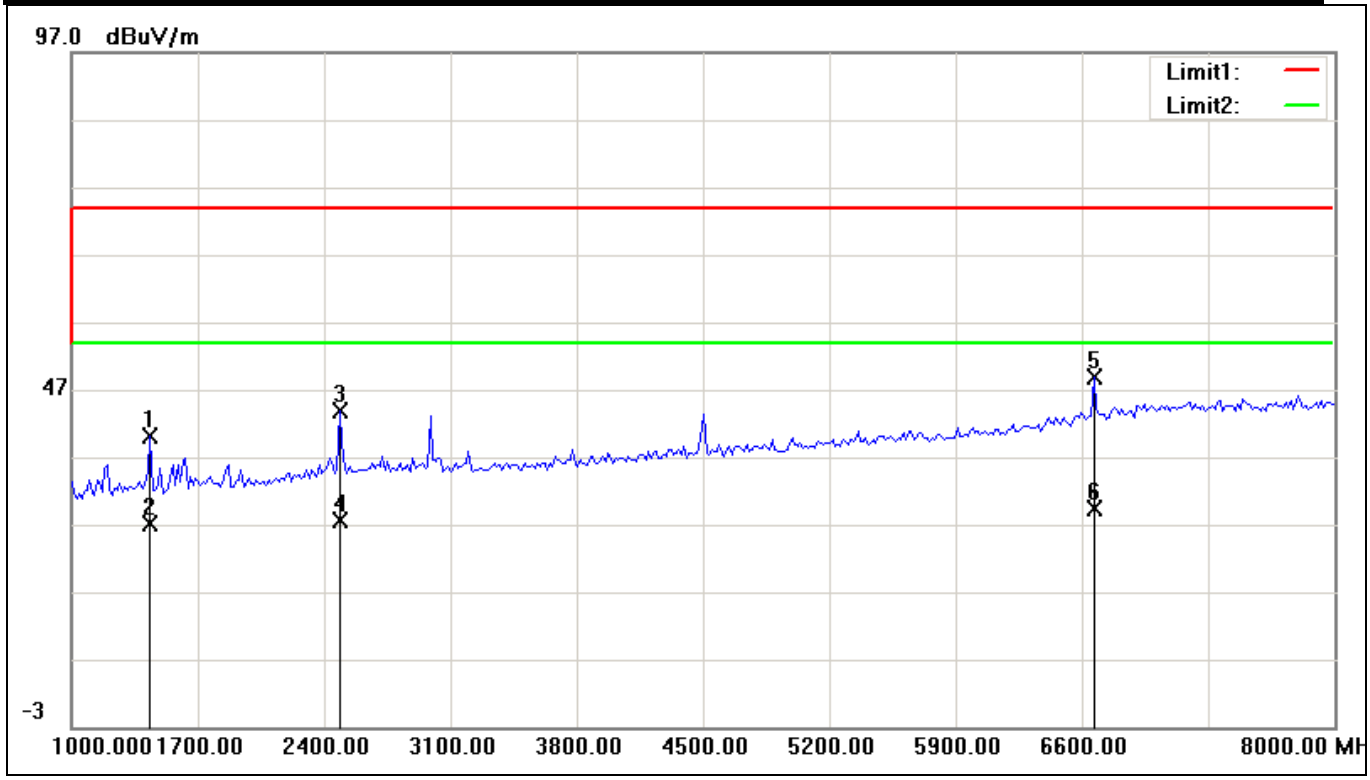


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	2052.104	53.03	-9.01	44.02	74.00	-29.98	100	1	peak
2	2052.104	39.02	-9.01	30.01	54.00	-23.99	100	14	AVG
3	4983.968	48.73	-2.71	46.02	74.00	-27.98	100	121	peak
4	4983.968	32.20	-2.71	29.49	54.00	-24.51	100	120	AVG
5	6456.914	50.85	-0.70	50.15	74.00	-23.85	100	291	peak
6	6456.914	28.69	-0.70	27.99	54.00	-26.01	100	311	AVG

Note: 1. The other emission levels were very low against the limit.

Above 1GHz

Model No.	K107	Test Mode	Mode 2
Environmental Conditions	26deg.C, 78% RH, 1010hPa	6dB Bandwidth	1 MHz
Antenna Pole	Horizontal	Antenna Distance	3m
Detector Function	Peak or average.	Tested by	Sean.Yu
Standard	FCC CLASS B		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	1434.870	50.40	-10.37	40.03	74.00	-33.97	100	111	peak
2	1434.870	37.40	-10.37	27.03	54.00	-26.97	100	99	AVG
3	2486.974	50.93	-7.11	43.82	74.00	-30.18	100	23	peak
4	2486.974	34.70	-7.11	27.59	54.00	-26.41	100	11	AVG
5	6667.335	48.84	0.07	48.91	74.00	-25.09	100	194	peak
6	6667.335	29.31	0.07	29.38	54.00	-24.62	100	189	AVG

Note: 1. The other emission levels were very low against the limit.

PHOTOGRAPHS OF THE TEST CONFIGURATION

CONDUCTED EMISSION TEST

RADIATED EMISSION TEST