ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

UN-INTENTIONAL RADIATOR CERTIFICATION TO FCC PART 15 SUBPART B CERTIFICATION REQUIREMENT

OF

Product Name:	**RP8-J01**
Brand Name:	**Toshiba**
Model Name:	**RP8-J01**
Marketing Name:	**TSI01**
Model Different:	**N/A**
FCC ID:	**WVS-RP8-J01**
Model Name:	**K01-KD1**
Report No.:	**EI/2010/30020**
Issue Date:	**Apr. 08, 2010**
FCC Rule Part:	**Part 15 B, Class B**
Filing Type:	**Certification**
Prepared for:	**Toshiba Corporation, Mobile Communications Co., Quality Management Division 1-1, Asahigaoka 3-Chome, Hino-Shi, Tokyo, 191-8555, Japan**
Prepared by:	**SGS Taiwan Ltd. Electronics & Communication Laboratory No. 134, Wu Kung Rd., Wuku Industrial Zone, Taipei County, Taiwan**

Testing Laboratory
0513

VERIFICATION OF COMPLIANCE

Applicant:	Toshiba Corporation, Mobile Communications Co., Quality Management Division 1-1, Asahigaoka 3-Chome, Hino-Shi, Tokyo, 191-8555, Japan
Product Name:	RP8-J01
Brand Name:	Toshiba
Model No.:	RP8-J01
Marketing Name:	TSI01
Model Difference:	N/A
FCC ID:	WVS-RP8-J01
Model Name:	K01-KD1
File Number:	EI/2010/30020
Date of test:	Mar. 25, 2010 ~ Apr. 07, 2010
Date of EUT Receive:	Mar. 25, 2010

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.4 (2003) and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15B, Class B. The test results of this report relate only to the tested sample identified in this report.

Test By:	Nick Lin	***Date:***	Apr. 08, 2010
	Nick Lin / Engineer		
Prepared By:	Alex Hsieh	***Date:***	Apr. 08, 2010
	Alex Hsieh / Sr. Engineer		
Approved By:	Vincent Su	***Date:***	Apr. 08, 2010
	Vincent Su / Manager		

Version

Version No.	Date	Description
00	Apr. 08, 2010	Initial creation of document

Table of Contents

1. GENERAL INFORMATION

General:

Product Name	RP8-J01	
Brand Name	Toshiba	
Model Name	RP8-J01	
Power Supply	3.7 Vdc re-chargeable battery	
	Battery:	Model No.: TSI01UAA, Supplier: Sanyo GS

CDMA:

DUT Standards And Power:	CDMA2000	Frequency Range		Maximum Rated ERP Power
	Cellular	TX:	824.70-848.31 MHz	21.29 dBm
		RX:	869.70-893.31 MHz	
Type of Emission	CDMA2000 Cellular: 1M25F9W			
Hardware Version	CS1			
Software Version	5006.1907.05			
Antenna Type	PIFA Type			

Final Amplifier Voltage and Current Information:

Test Mode	DC voltage (V)	DC current (mA)
CDMA2000 Cellular	3.7Vdc	865

WLAN: 802.11 b/g:

Frequency Range:	2412 – 2462 MHz
Channel number:	11 channels
Output Power:	☒802.11 b: 16.63dBm (Peak) ☒802.11 g: 21.92dBm (Peak)
Modulation Technology:	☒DSSS, ☒OFDM
Modulation type:	CCK, DQPSK, DBPSK for DSSS 64QAM. 16QAM, QPSK, BPSK for OFDM
Transition Rate:	802.11 b: 1/2/5.5/11 Mbps; 802.11 g: 6/9/12/18/24/36/48/54 Mbps
Antenna Designation:	PIFA Antenna, 1.2dBi.

Bluetooth:

Bluetooth Version:	V2.0 + EDR (GFSK + π/4DQPSK + 8DPSK)
Channel number:	79 channels
Modulation type:	Frequency Hopping Spread Spectrum
Transmit Power:	0.37 dBm (Peak)
Frequency Range:	2.402GHz – 2.480GHz
Dwell Time:	<= 0.4s
Operating Mode:	Point-to-Point
Antenna Designation:	PIFA Antenna, 1.2dBi.

GPS:

Receiver Frequency	L1 Band, 1575.42MHz
Frequency Conversion oscillator	19.2MHz
Antenna Designation	PIFA Antenna

1.2 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for **FCC ID: WVS-RP8-J01** filing to comply with Part15 Subpart B, class B of the FCC CFR 47 Rules.

1.3 Test Methodology

Both conducted and radiated testing was performed according to the procedures in ANSI C63.4 (2003). Radiated testing was performed at an antenna to EUT distance 3 meters.

1.4 Test Facility

The measurement facilities used to collect the 3m Radiated Emission and AC power line conducted data are located on the address of SGS Taiwan Ltd. Electronics & Communication Laboratory No. 134, Wu Kung Rd., Wuku Industrial Zone, Taipei Country, Taiwan which are constructed and calibrated to meet the FCC requirements in documents ANSI C63.4: 2003. FCC Registration Number are: 990257 and 236194, Canada Registration Number: 4620A-1

The 10 m Open Area Test Sites located on the address of SGS Taiwan Ltd. Electronics & Communication Laboratory No. 29, Pau-Tou-Tsuo Valley Chia-Pau Tsuen, Linkou Hsiang, Taipei county, which is constructed and calibrated to meet the CISPR 22/EN 55022 requirements. SGS Site No. 1(3 &10 meters) and FCC Registration Number: 94644

1.5 Special Accessories

Not available for this EUT intended for grant.

1.6 Equipment Modifications

Not available for this EUT intended for grant.

2. System Test Configuration

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

The EUT was operated in the normal continuous transmitting.

2.3 Test Procedure

2.3.1 Conducted Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. According to the requirements in Section 7 of ANSI C63.4-2003. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode.

2.3.2 Radiated Emissions

The EUT is placed on a turn table which is 0.8 m above ground plane. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter(EUT) was rotated through three orthogonal axes according to the requirements in Section 8 of ANSI C63.4-2003.

2.4 Limitation

(1) Conducted Emission

According to section 15.107(a), Conducted Emission Class B Limits is as following.

Frequency range MHz	Class B Limits dB (uV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50
Note 1.The lower limit shall apply at the transition frequencies 2.The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.		

(2) Radiated Emission

According to section 15.109(a), Radiated Emission Class B Limits is as following:

Frequency (MHz)	Field strength μV/m	Distance (m)	Field strength at 3m dBμV/m
30-88	100	3	40
88-216	150	3	43.5
216-960	200	3	46
Above 960	500	3	54

Remark: 1. Emission level in dBuV/m=20 log (uV/m)
2. Measurement was performed at an antenna to the closed point of EUT distance of 3 meters.

2.5 Configuration of Tested System

Fig. 2-1 Configuration of Tested System (config 1,5)

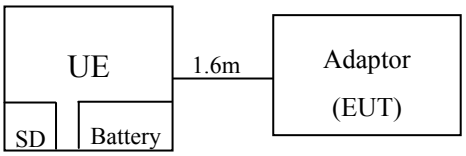


Fig. 2-2 Configuration of Tested System (config 2)

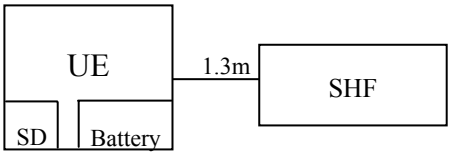


Fig. 2-3 Configuration of Tested System (config 3)

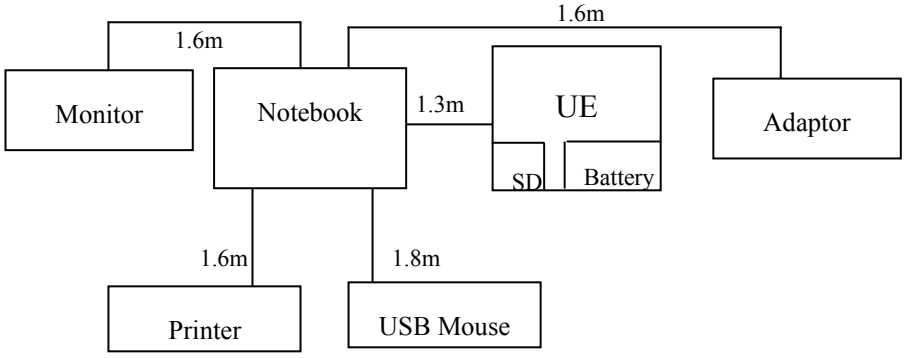


Fig. 2-4 Configuration of Tested System (config 4)

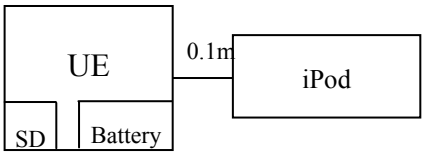
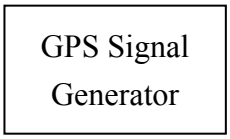


Fig. 2-5 Configuration of Tested System (Remote Side)



Model config refer to section 4 for detail

Table 2-1 Support Equipment Used in Tested System

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	FCC ID	Data Cable	Power Cord
1.	Notebook	IBM	R61	L3A9050	DoC	N/A	1.6m Un-shielded
2.	GPS Signal Generator	WELNAVIGATE INC.	GS 50	607492	N/A	N/A	Un-shielded
3.	Monitor	HP	HSTND-2F02	CND7122S7B	DoC	1.6 Un-shielded	Un-shielded
4.	USB Mouse	HP	MO19UCA	020506990	N/A	1.8m Un-shielded	N/A
5.	Printer	HP	DJ640C	TH12QE110Y	N/A	1.6m, Un-Shielded	Un-shielded
6.	Micro SD	SanDisk	2G	N/A	N/A	N/A	N/A
7.	iPod nano	APPLE	A1137	6U6025WCS2B	FDI-0911577-0	1m Un-shielded	N/A
8.	SHF	Hoshiden	HDH0669-010221 (EARPHONE), KRJ0003-010020 (MIC)	N/A	N/A	1.3m Un-shielded	N/A
9.	Adaptor	AU by KDDI	HS-ZAA	N/A	N/A	N/A	1.6 m Un-shielded,
10.	Data cable (USB)	Hoshiden	HPC1508-010010 (Host: typeA)	N/A	N/A	0.1m Un-shielded	N/A
11.	Data cable (USB)	Hoshiden	HPC1519-010010 (Client: typeB)	N/A	N/A	1.3m Un-shielded	N/A

3. Summary of Test Results

FCC Rules	Description Of Test	Result
§15.107	Conducted Emission Class B	Compliant
§15.109	Radiated Emission Class B	Compliant

4. Description of test modes

The EUT was stayed in normal operation mode.

The data cable was connected to notebook PC and data transferred by program.

Test Plan:

K01-KD1	Config 1	Config 2	Config 3	Config 4	Config 5
Applicable standard (FCC)	**Part 15B**				
Accessories	UE + Battery + AC Adaptor	UE + Battery + SHF	UE + Battery + Data Cable (Slave)	UE + Battery + Data Cable (Host)	UE + Battery + AC Adaptor
Description	Video	Music	Data Cable	Data Cable	GPS
radiated emission	Charge + REC mode	Play mode	Data link	Data link	GPS link
conducted emission (DC Power)	N/A	N/A	N/A	N/A	N/A
conducted emission (AC Power)	Charge + REC mode	N/A	Data link	N/A	GPS link

5. Conducted Emissions Test

5.1 Measurement Procedure:

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured were complete.

5.2 Test SET-UP (Block Diagram of Configuration)

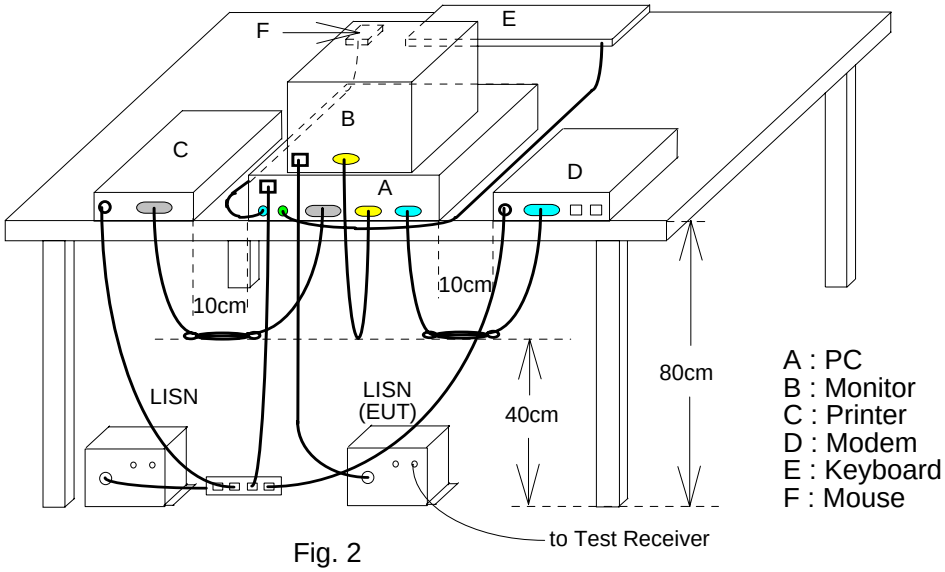


Fig. 2

5.3 Measurement Equipment Used:

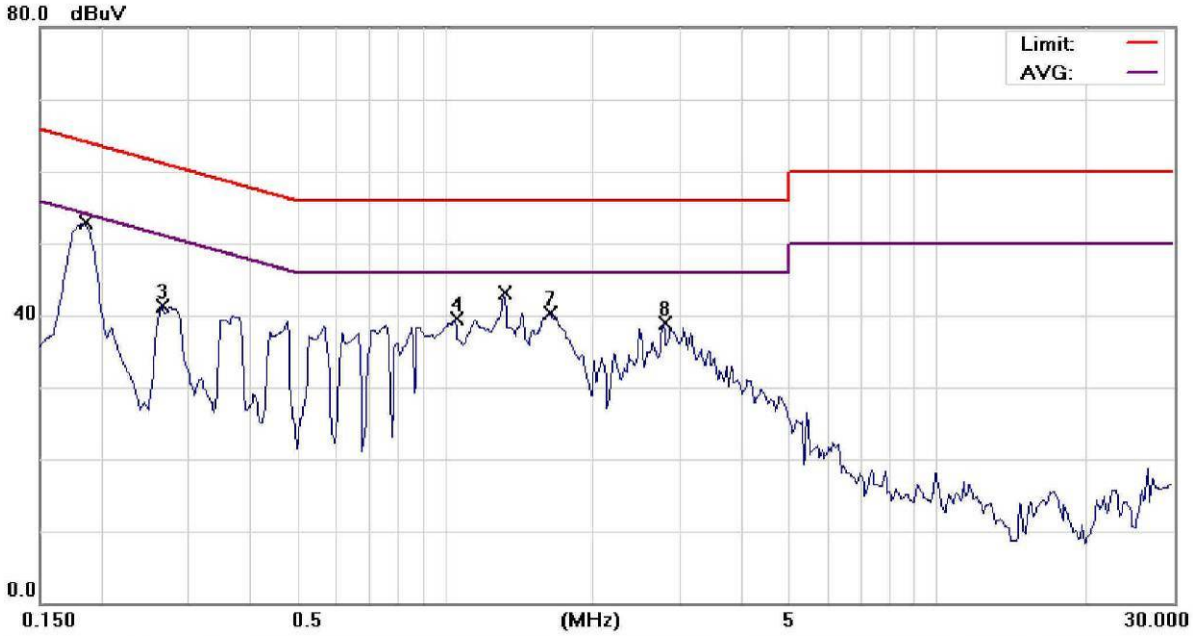
Conducted Emission Test Site					
EQUIPMENT TYPE	**MFR**	**MODEL NUMBER**	**SERIAL NUMBER**	**LAST CAL.**	**CAL DUE.**
EMI Test Receiver	R&S	ESCS30	828985/004	09/15/2009	09/14/2010
LISN	Rolf-Heine	NNB-2/16Z	99012	02/02/2010	02/01/2011
LISN	FCC	FCC-LISN-50/250-25-2-01	04034	02/02/2010	02/01/2011
Coaxial Cables	N/A	WK CE Cable	N/A	11/28/2009	11/27/2010

5.4 Measurement Result

The initial step in collecting conducted data is a spectrum analyzer peak scan of the measurement range. Significant peaks are then marked as shown on the following data page, and these signals are then quasi-peaked.

AC POWER LINE CONDUCTED EMISSION TEST DATA

Operation Mode:	Config 1	Test Date:	Apr. 05, 2010
		Test By:	Nick

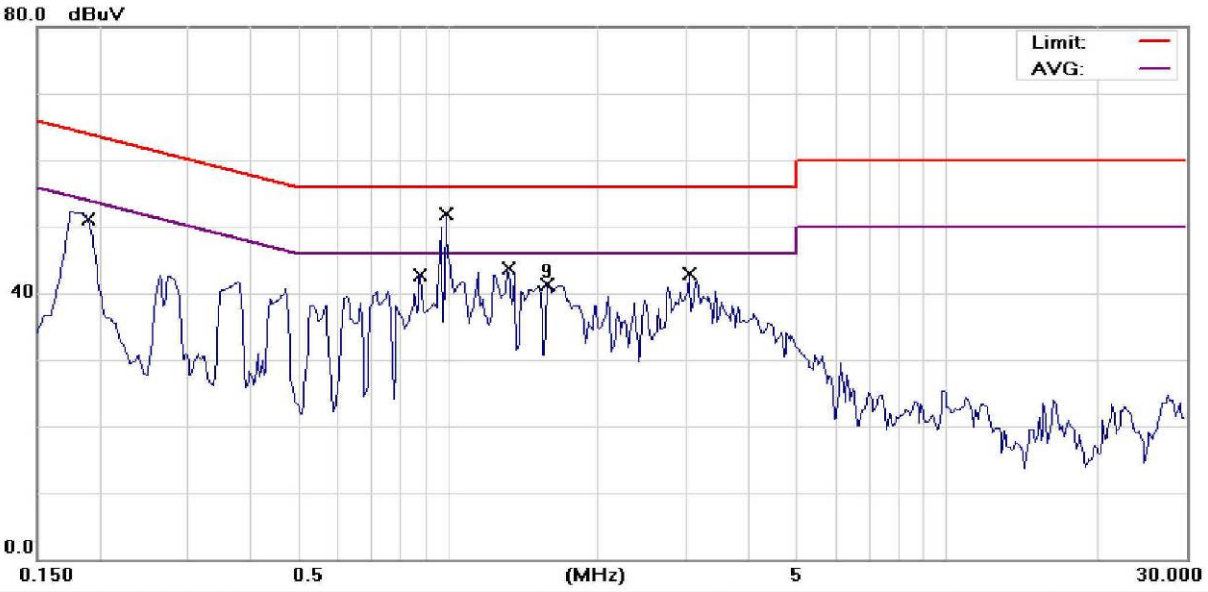


Site SGS CONDUCTED #1
Limit: FCC Class B Conduction(QP)
EUT: Mobile Phone
M/N: K01-KD
Note: Charge + REC mode _config1

Phase: L1
Power: AC 120V/60Hz
Distance:

Temperature: 23 ℃
Humidity: 58 %
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1845	48.64	0.10	48.74	64.28	-15.54	QP	
2		0.1845	35.11	0.10	35.21	54.28	-19.07	AVG	
3		0.2650	41.14	0.10	41.24	61.27	-20.03	peak	
4		1.0500	39.48	0.09	39.57	56.00	-16.43	peak	
5		1.3158	17.00	0.10	17.10	56.00	-38.90	QP	
6		1.3158	22.73	0.10	22.83	46.00	-23.17	AVG	
7		1.6300	40.15	0.12	40.27	56.00	-15.73	peak	
8		2.7800	38.70	0.14	38.84	56.00	-17.16	peak	



Site SGS CONDUCTED #1
Limit: FCC Class B Conduction(QP)
EUT: Mobile Phone
M/N: K01-KD
Note: Charge + REC mode _config1

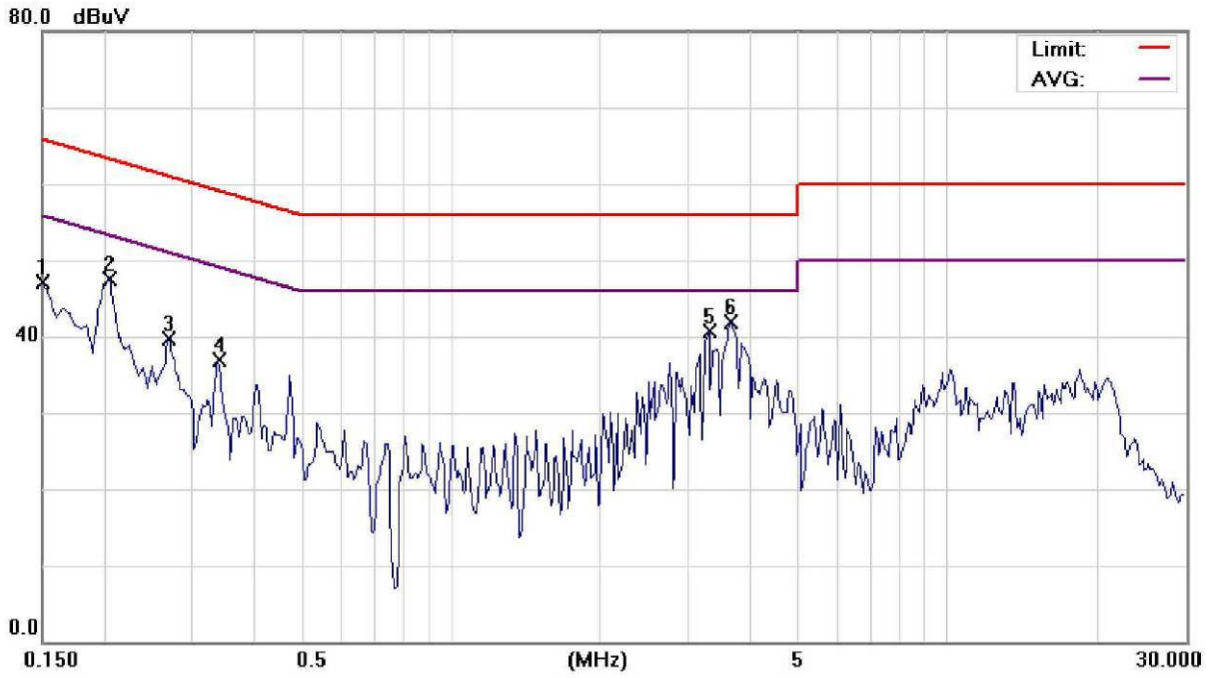
Phase: *N*
Power: AC 120V/60Hz
Distance:

Temperature: 23 ℃
Humidity: 58 %
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1920	48.88	0.12	49.00	63.95	-14.95	QP	
2		0.1920	34.10	0.12	34.22	53.95	-19.73	AVG	
3		0.8763	44.48	0.12	44.60	56.00	-11.40	QP	
4		0.8763	21.80	0.12	21.92	46.00	-24.08	AVG	
5	*	0.9984	44.93	0.12	45.05	56.00	-10.95	QP	
6		0.9984	27.34	0.12	27.46	46.00	-18.54	AVG	
7		1.3286	41.52	0.13	41.65	56.00	-14.35	QP	
8		1.3286	27.44	0.13	27.57	46.00	-18.43	AVG	
9		1.5800	41.17	0.14	41.31	56.00	-14.69	peak	
10		3.0585	35.83	0.16	35.99	56.00	-20.01	QP	
11		3.0585	18.19	0.16	18.35	46.00	-27.65	AVG	

AC POWER LINE CONDUCTED EMISSION TEST DATA

Operation Mode:	Config 3	Test Date:	Apr. 05, 2010
		Test By:	Nick

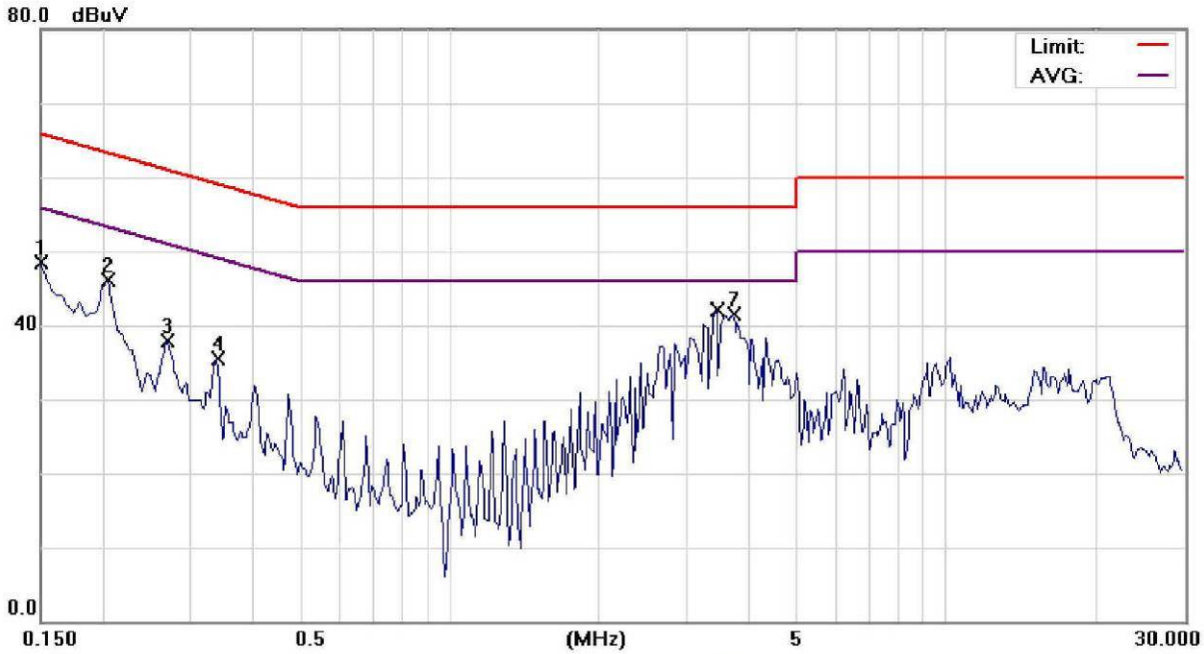


Site SGS CONDUCTED #1
Limit: FCC Class B Conduction(QP)
EUT: Mobile Phone
M/N: K01-KD
Note: Data link _config3

Phase: L1
Power: AC 120V/60Hz
Distance:

Temperature: 23 ℃
Humidity: 58 %
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	47.07	0.12	47.19	66.00	-18.81	peak	
2		0.2050	47.50	0.10	47.60	63.41	-15.81	peak	
3		0.2700	39.58	0.10	39.68	61.12	-21.44	peak	
4		0.3400	36.81	0.09	36.90	59.20	-22.30	peak	
5		3.3200	40.48	0.14	40.62	56.00	-15.38	peak	
6	*	3.6600	41.66	0.15	41.81	56.00	-14.19	peak	



Site SGS CONDUCTED #1
Limit: FCC Class B Conduction(QP)
EUT: Mobile Phone
M/N: K01-KD
Note: Data link _config3

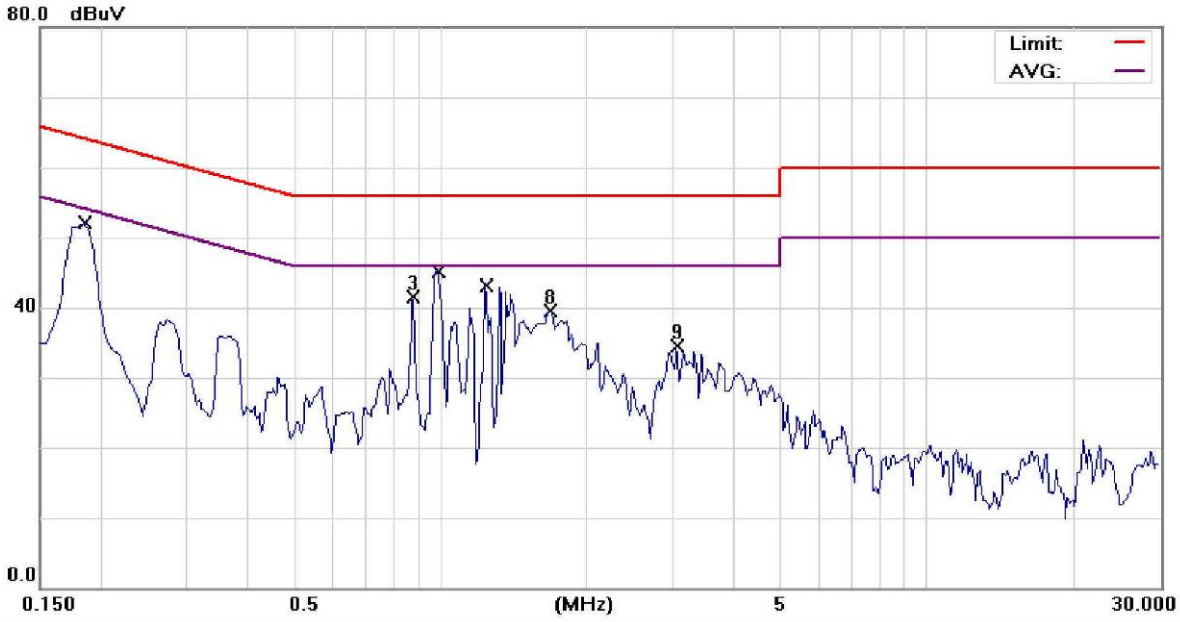
Phase: N
Power: AC 120V/60Hz
Distance:

Temperature: 23 ℃
Humidity: 58 %
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	48.38	0.14	48.52	66.00	-17.48	peak	
2		0.2050	46.05	0.12	46.17	63.41	-17.24	peak	
3		0.2700	37.69	0.12	37.81	61.12	-23.31	peak	
4		0.3400	35.33	0.12	35.45	59.20	-23.75	peak	
5		3.4581	37.75	0.16	37.91	56.00	-18.09	QP	
6		3.4581	27.96	0.16	28.12	46.00	-17.88	AVG	
7	*	3.7300	41.24	0.17	41.41	56.00	-14.59	peak	

AC POWER LINE CONDUCTED EMISSION TEST DATA

Operation Mode:	Config 5	Test Date:	Apr. 05, 2010
		Test By:	Nick

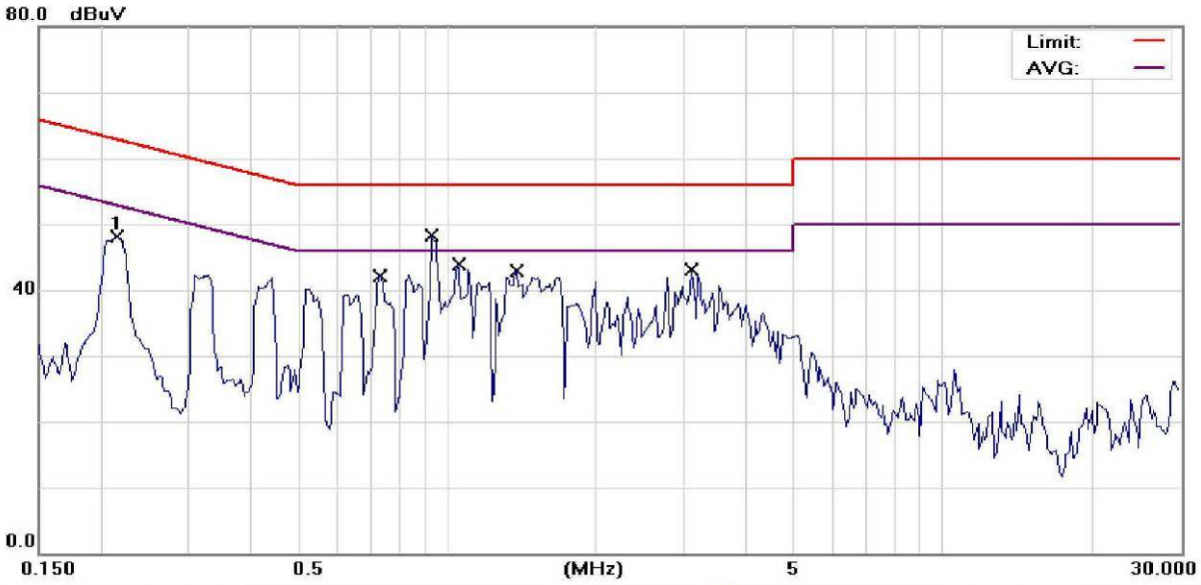


Site SGS CONDUCTED #1
Limit: FCC Class B Conduction(QP)
EUT: Mobile Phone
M/N: K01-KD
Note: GPS link _config5

Phase: L1
Power: AC 120V/60Hz
Distance:

Temperature: 23 ℃
Humidity: 58 %
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1845	48.16	0.10	48.26	64.28	-16.02	QP	
2		0.1845	33.94	0.10	34.04	54.28	-20.24	AVG	
3		0.8800	41.34	0.09	41.43	56.00	-14.57	peak	
4	*	0.9874	43.19	0.09	43.28	56.00	-12.72	QP	
5		0.9874	24.05	0.09	24.14	46.00	-21.86	AVG	
6		1.2358	39.56	0.10	39.66	56.00	-16.34	QP	
7		1.2358	21.02	0.10	21.12	46.00	-24.88	AVG	
8		1.6800	39.39	0.12	39.51	56.00	-16.49	peak	
9		3.0600	34.46	0.14	34.60	56.00	-21.40	peak	



Site SGS CONDUCTED #1
Limit: FCC Class B Conduction(QP)
EUT: Mobile Phone
M/N: K01-KD
Note: GPS link _config5

Phase: N
Power: AC 120V/60Hz
Distance:

Temperature: 23 ℃
Humidity: 58 %
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.2150	47.94	0.12	48.06	63.01	-14.95	peak	
2		0.7269	37.22	0.12	37.34	56.00	-18.66	QP	
3		0.7269	22.07	0.12	22.19	46.00	-23.81	AVG	
4		0.9271	34.27	0.12	34.39	56.00	-21.61	QP	
5		0.9271	20.27	0.12	20.39	46.00	-25.61	AVG	
6		1.0471	39.15	0.12	39.27	56.00	-16.73	QP	
7		1.0471	24.79	0.12	24.91	46.00	-21.09	AVG	
8		1.3744	30.26	0.13	30.39	56.00	-25.61	QP	
9		1.3744	10.82	0.13	10.95	46.00	-35.05	AVG	
10		3.1069	33.04	0.16	33.20	56.00	-22.80	QP	
11		3.1069	17.36	0.16	17.52	46.00	-28.48	AVG	

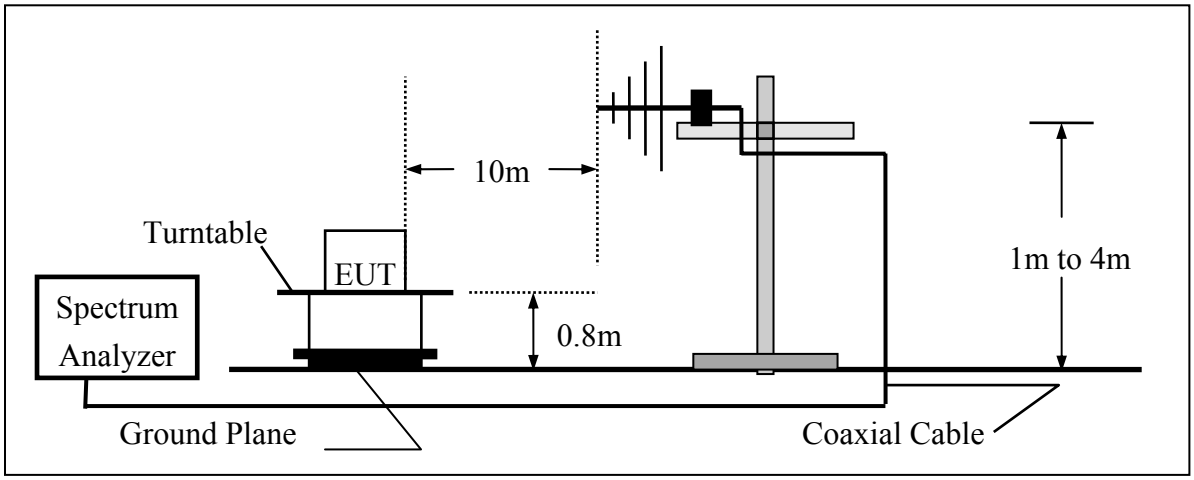
6. Radiated Emission Test

6.1 Measurement Procedure

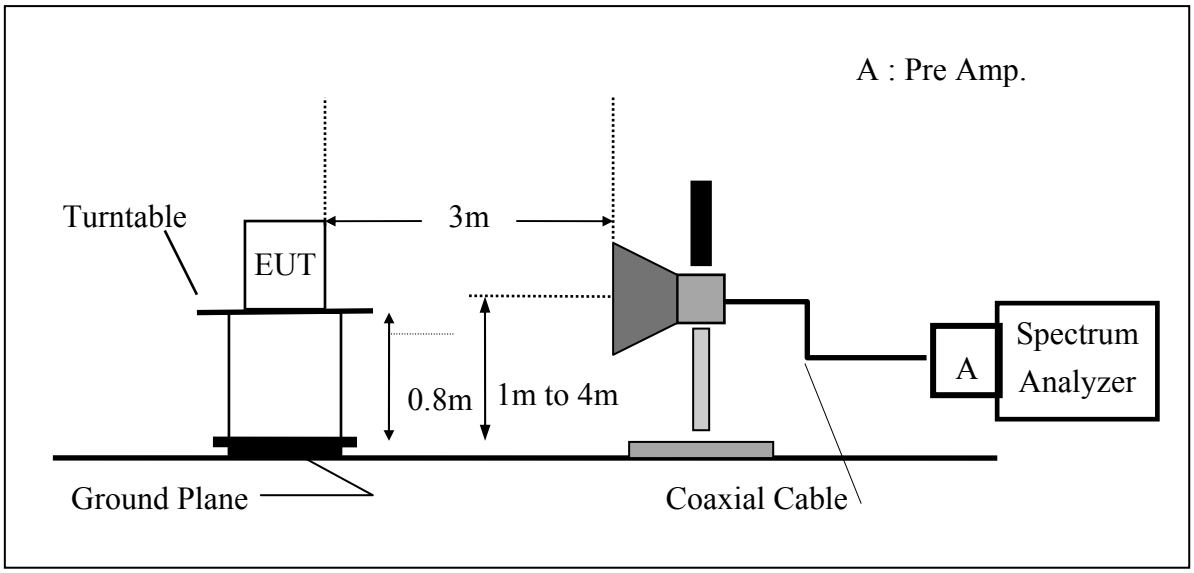
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measured were complete.

6.2 Test SET-UP (Block Diagram of Configuration)

(A) Radiated Emission Test Set-Up, Frequency Below 1000MHz



(B) Radiated Emission Test Set-UP Frequency Over 1 GHz



6.3 Measurement Equipment Used:

10m Open Area Test Site					
EQUIPMENT TYPE	**MFR**	**MODEL NUMBER**	**SERIAL NUMBER**	**LAST CAL.**	**CAL DUE.**
EMI Test Receiver	R&S	ESCI	100335	02/05/2010	02/04/2011
RF-Amplifier	Agilent	8447D	2944A09469	11/30/2009	11/29/2010
Broadband Antenna	SCHWAZBECK	VULB9160	9160-3224	03/11/2010	03/02/2011
Turn Table	HD	DT420	420/542	N/A	N/A
Antenna Master	HD	MA 240	240/515	N/A	N/A
Controller	HD	HD 100	100/589	N/A	N/A
Low Loss Cable	N/A	OS RE Cable	N/A	11/30/2009	11/29/2010

966 Chamber					
EQUIPMENT TYPE	**MFR**	**MODEL NUMBER**	**SERIAL NUMBER**	**LAST CAL.**	**CAL DUE.**
Spectrum Analyzer	R&S	FSP 40	100034	02/12/2010	02/11/2011
Bilog Antenna	SCHWAZBECK	VULB9160	3136	02/12/2010	02/11/2011
Horn antenna	SCHWAZBECK	BBHA 9120D	9120D-673	05/09/2008	05/08/2010
Pre-Amplifier	Agilent	8447D	1937A02834	11/28/2009	11/27/2010
Pre-Amplifier	Agilent	8449B	3008A01973	01/05/2011	01/04/2012
Turn Table	HD	DT420	N/A	N.C.R	N.C.R
Antenna Tower	HD	MA240-N	240/657	N.C.R	N.C.R
Controller	HD	HD100	N/A	N.C.R	N.C.R
Low Loss Cable	HUBER+SUHNER	SUCOFLEX 104PEA-10M	10m	01/05/2010	01/04/2011
Low Loss Cable	HUBER+SUHNER	SUCOFLEX 104PEA-3M	3m	01/05/2010	01/04/2011

6.4 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

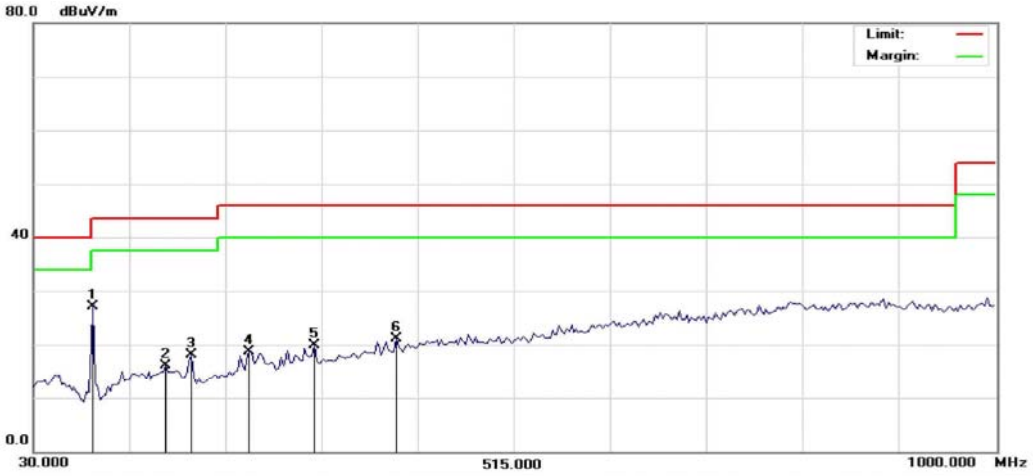
FS = RA + AF + CL - AG

Where	FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
	RA = Reading Amplitude	AG = Amplifier Gain
	AF = Antenna Factor	

6.5 Measurement Result (below 1G)

Test Mode: Config 1 Test Date : Apr. 06, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 966 Chamber
Limit: FCC Class B 3M Radiation
EUT: MobilePhone
M/N: K01-KD
Note: Charge + REC mode_config1

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26 ℃
Humidity: 60%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	90.6250	45.89	-18.77	27.12	43.50	-16.38	QP	
2		163.3750	28.71	-12.64	16.07	43.50	-27.43	QP	
3		190.0500	32.38	-14.21	18.17	43.50	-25.33	QP	
4		248.2500	31.62	-12.94	18.68	46.00	-27.32	QP	
5		313.7250	30.92	-10.92	20.00	46.00	-26.00	QP	
6		396.1750	29.69	-8.65	21.04	46.00	-24.96	QP	

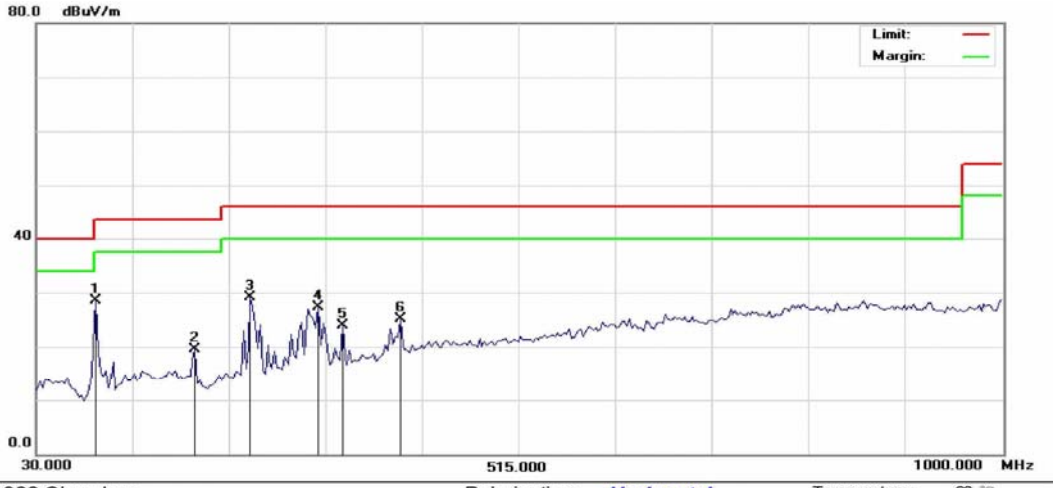
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz

Test Mode: Config 1 Test Date : Apr. 06, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 966 Chamber
Limit: FCC Class B 3M Radiation
EUT: MobilePhone
M/N: K01-KD
Note: Charge + REC mode_config1

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26 ℃
Humidity: 60%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	90.6250	47.34	-18.77	28.57	43.50	-14.93	QP	
2		190.0500	33.74	-14.21	19.53	43.50	-23.97	QP	
3		245.8250	42.04	-12.99	29.05	46.00	-16.95	QP	
4		313.7250	38.27	-10.92	27.35	46.00	-18.65	QP	
5		337.9750	34.27	-10.39	23.88	46.00	-22.12	QP	
6		396.1750	33.80	-8.65	25.15	46.00	-20.85	QP	

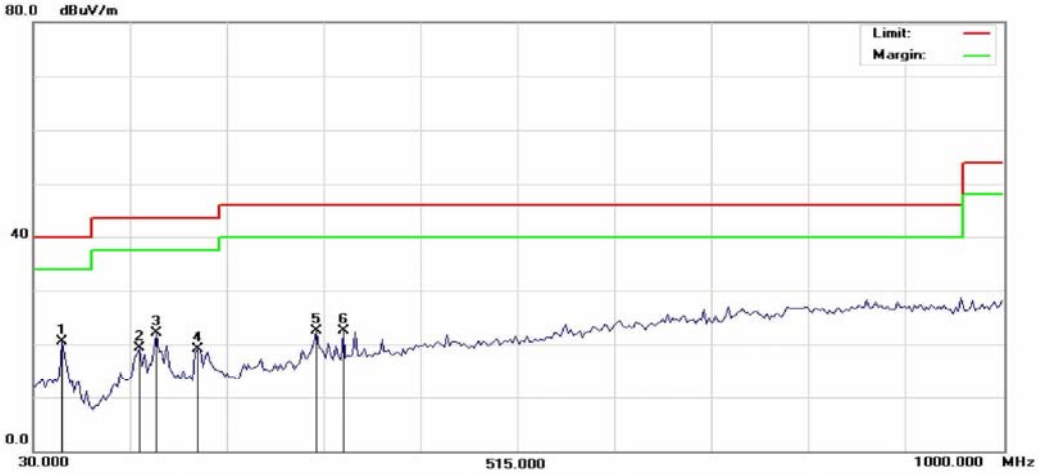
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz

Test Mode: Config 2 Test Date : Apr. 06, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 966 Chamber Polarization: *Vertical* Temperature: 26 ℃

Limit: FCC Class B 3M Radiation Power: AC 120V/60Hz Humidity: 60%

EUT: MobilePhone Distance: 3m Air Pressure: hpa

M/N: K01-KD

Note: Playmode_config2

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	59.1000	34.74	-14.20	20.54	40.00	-19.46	QP	
2		136.7000	32.01	-12.75	19.26	43.50	-24.24	QP	
3		153.6750	35.06	-12.90	22.16	43.50	-21.34	QP	
4		194.9000	33.55	-14.46	19.09	43.50	-24.41	QP	
5		313.7250	33.41	-10.92	22.49	46.00	-23.51	QP	
6		340.4000	32.75	-10.34	22.41	46.00	-23.59	QP	

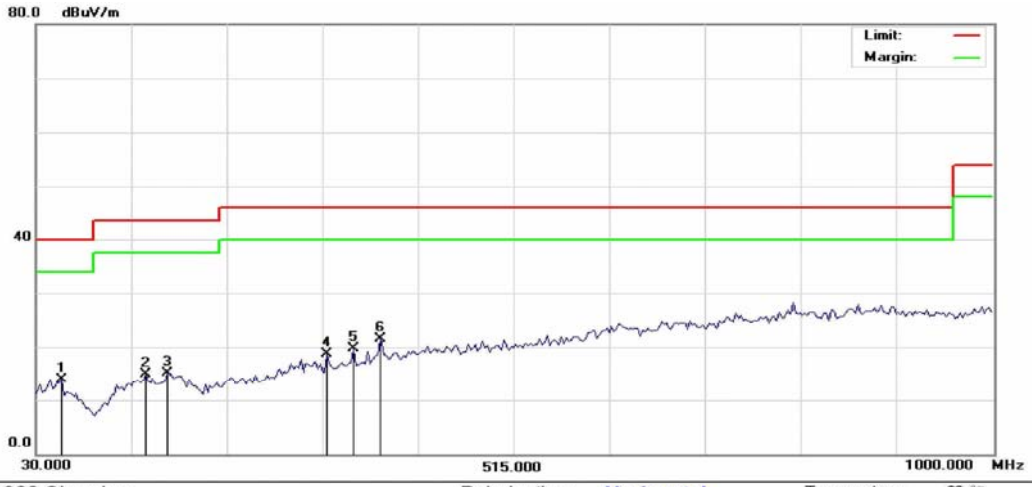
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz

Test Mode: Config 2 Test Date : Apr. 06, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 966 Chamber
Limit: FCC Class B 3M Radiation
EUT: MobilePhone
M/N: K01-KD
Note: Playmode_config2

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26 ℃
Humidity: 60%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		56.6750	27.93	-14.08	13.85	40.00	-26.15	QP	
2		141.5500	27.56	-12.70	14.86	43.50	-28.64	QP	
3		163.3750	27.79	-12.64	15.15	43.50	-28.35	QP	
4		325.8500	29.34	-10.65	18.69	46.00	-27.31	QP	
5		352.5250	29.70	-10.06	19.64	46.00	-26.36	QP	
6	*	379.2000	30.61	-9.20	21.41	46.00	-24.59	QP	

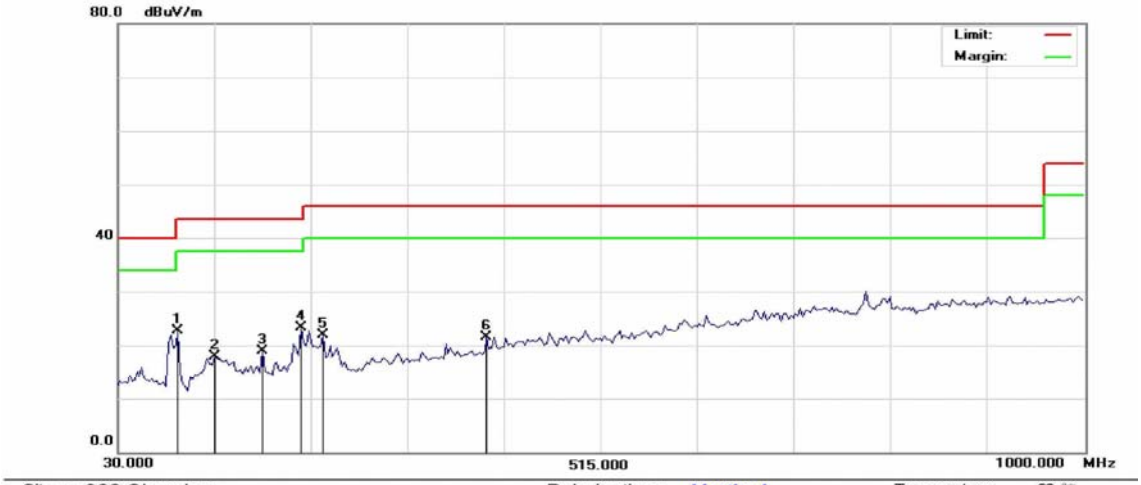
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz

Test Mode: Config 3 Test Date : Apr. 06, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 966 Chamber
Limit: FCC Class B 3M Radiation
EUT: MobilePhone
M/N: K01-KD
Note: Data link_config3

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26 ℃
Humidity: 60%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		90.6250	41.50	-18.77	22.73	43.50	-20.77	QP	
2		127.0000	31.14	-13.24	17.90	43.50	-25.60	QP	
3		175.5000	31.85	-13.01	18.84	43.50	-24.66	QP	
4	*	214.3000	37.50	-14.14	23.36	43.50	-20.14	QP	
5		236.1250	35.18	-13.21	21.97	46.00	-24.03	QP	
6		401.0250	30.07	-8.51	21.56	46.00	-24.44	QP	

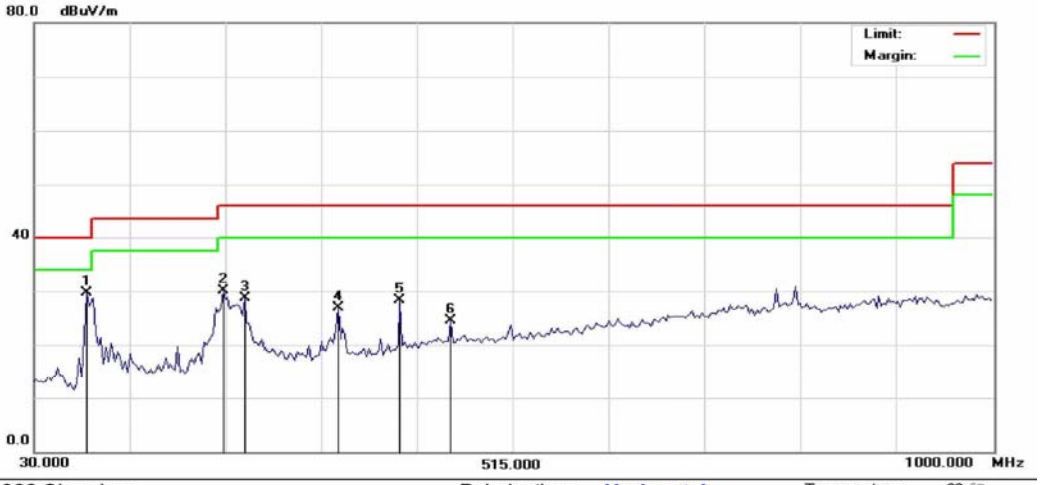
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz

Test Mode: Config 3 Test Date : Apr. 06, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 966 Chamber
Limit: FCC Class B 3M Radiation
EUT: MobilePhone
M/N: K01-KD
Note: Data link_config3

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26 ℃
Humidity: 60%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	83.3500	47.68	-17.95	29.73	40.00	-10.27	QP	
2		221.5750	43.73	-13.61	30.12	46.00	-15.88	QP	
3		243.4000	41.84	-13.05	28.79	46.00	-17.21	QP	
4		337.9750	37.20	-10.39	26.81	46.00	-19.19	QP	
5		401.0250	36.91	-8.51	28.40	46.00	-17.60	QP	
6		451.9500	31.50	-7.05	24.45	46.00	-21.55	QP	

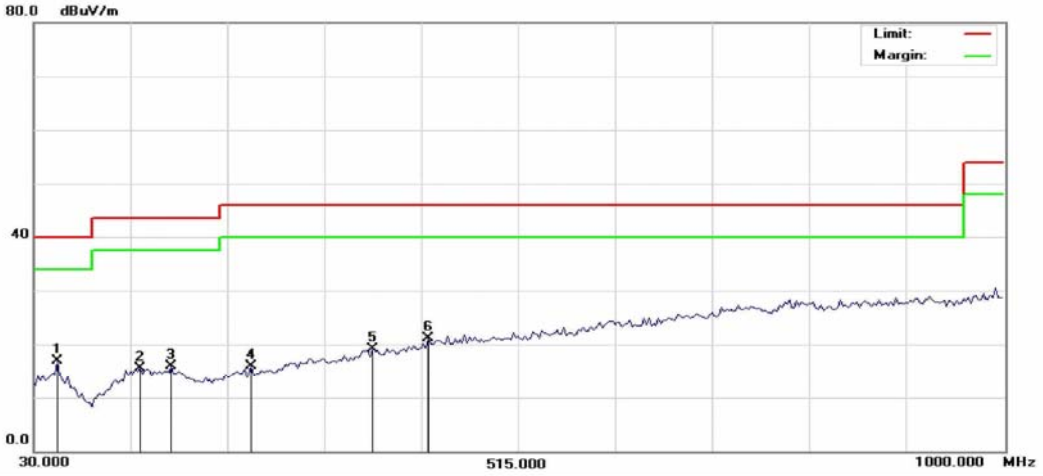
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz

Test Mode: Config 4 Test Date : Apr. 06, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 966 Chamber
Limit: FCC Class B 3M Radiation
EUT: MobilePhone
M/N: K01-KD
Note: Data link_config4

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26 ℃
Humidity: 60%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	54.2500	30.93	-13.95	16.98	40.00	-23.02	QP	
2		136.7000	28.35	-12.75	15.60	43.50	-27.90	QP	
3		168.2250	28.45	-12.55	15.90	43.50	-27.60	QP	
4		248.2500	28.80	-12.94	15.86	46.00	-30.14	QP	
5		369.5000	28.63	-9.51	19.12	46.00	-26.88	QP	
6		425.2750	28.93	-7.78	21.15	46.00	-24.85	QP	

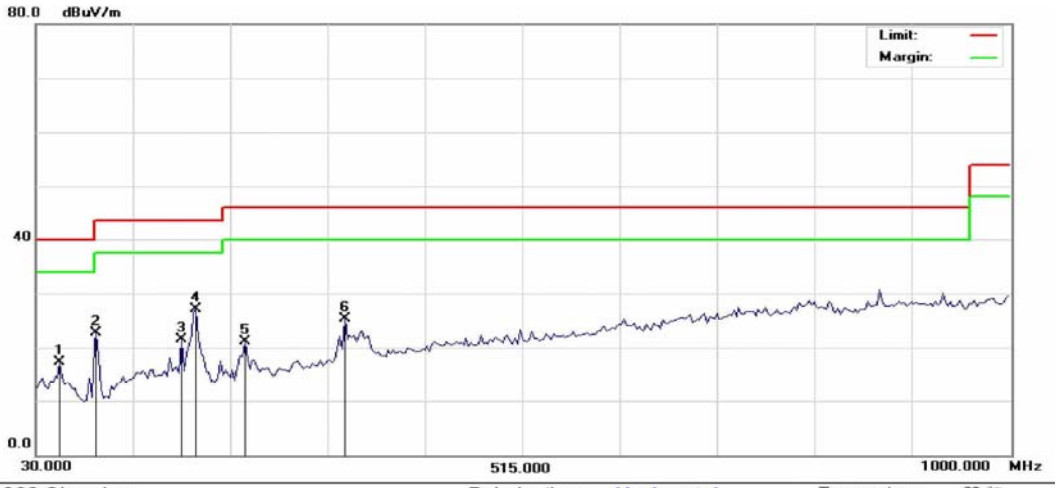
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz

Test Mode: Config 4 Test Date : Apr. 06, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 966 Chamber
Limit: FCC Class B 3M Radiation
EUT: MobilePhone
M/N: K01-KD
Note: Data link_config4

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26 ℃
Humidity: 60%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		54.2500	31.21	-13.95	17.26	40.00	-22.74	QP	
2		90.6250	41.54	-18.77	22.77	43.50	-20.73	QP	
3		175.5000	34.47	-13.01	21.46	43.50	-22.04	QP	
4	*	190.0500	41.32	-14.21	27.11	43.50	-16.39	QP	
5		238.5500	34.27	-13.15	21.12	46.00	-24.88	QP	
6		337.9750	35.73	-10.39	25.34	46.00	-20.66	QP	

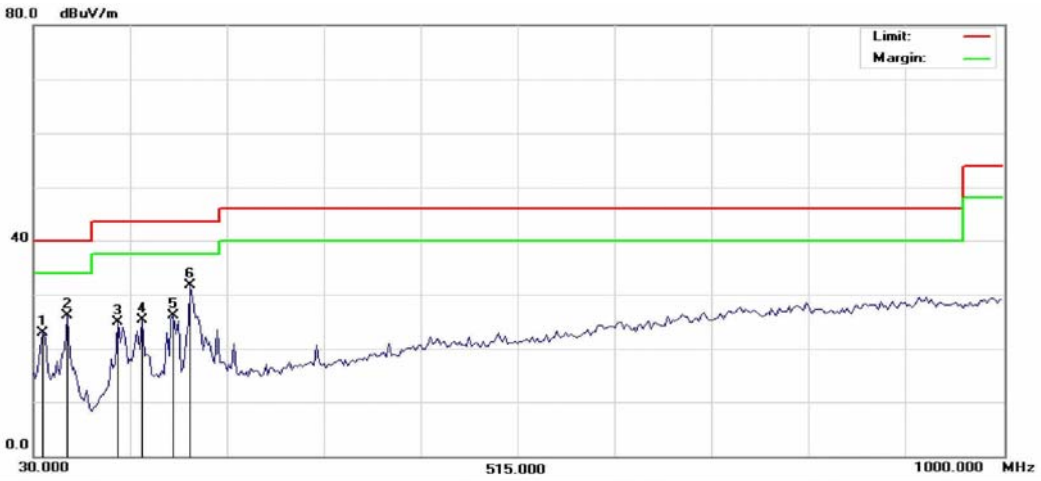
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz

Test Mode: Config 5 Test Date : Apr. 06, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 966 Chamber
Limit: FCC Class B 3M Radiation
EUT: MobilePhone
M/N: K01-KD
Note: GPS link_config5

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26 ℃
Humidity: 60%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		39.7000	37.20	-14.32	22.88	40.00	-17.12	QP	
2		63.9500	40.95	-14.75	26.20	40.00	-13.80	QP	
3		114.8750	39.38	-14.39	24.99	43.50	-18.51	QP	
4		139.1250	38.02	-12.67	25.35	43.50	-18.15	QP	
5		170.6500	38.76	-12.58	26.18	43.50	-17.32	QP	
6	*	187.6250	45.81	-14.01	31.80	43.50	-11.70	QP	

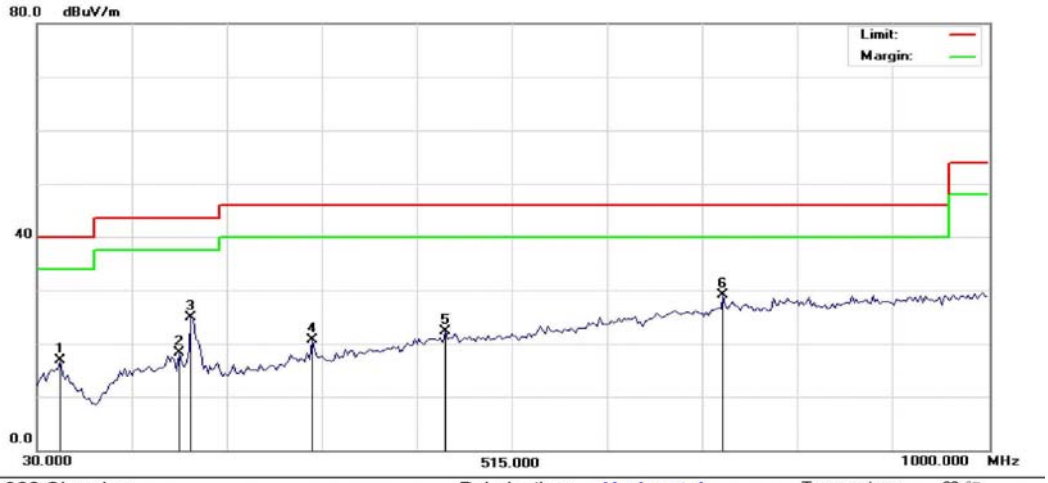
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz

Test Mode: Config 5 Test Date : Apr. 06, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 966 Chamber
Limit: FCC Class B 3M Radiation
EUT: MobilePhone
M/N: K01-KD
Note: GPS link_config5

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26 ℃
Humidity: 60%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		54.2500	30.91	-13.95	16.96	40.00	-23.04	QP	
2		175.5000	31.37	-13.01	18.36	43.50	-25.14	QP	
3		187.6250	38.95	-14.01	24.94	43.50	-18.56	QP	
4		311.3000	31.59	-10.96	20.63	46.00	-25.37	QP	
5		447.1000	29.51	-7.14	22.37	46.00	-23.63	QP	
6	*	730.8250	30.01	-1.00	29.01	46.00	-16.99	QP	

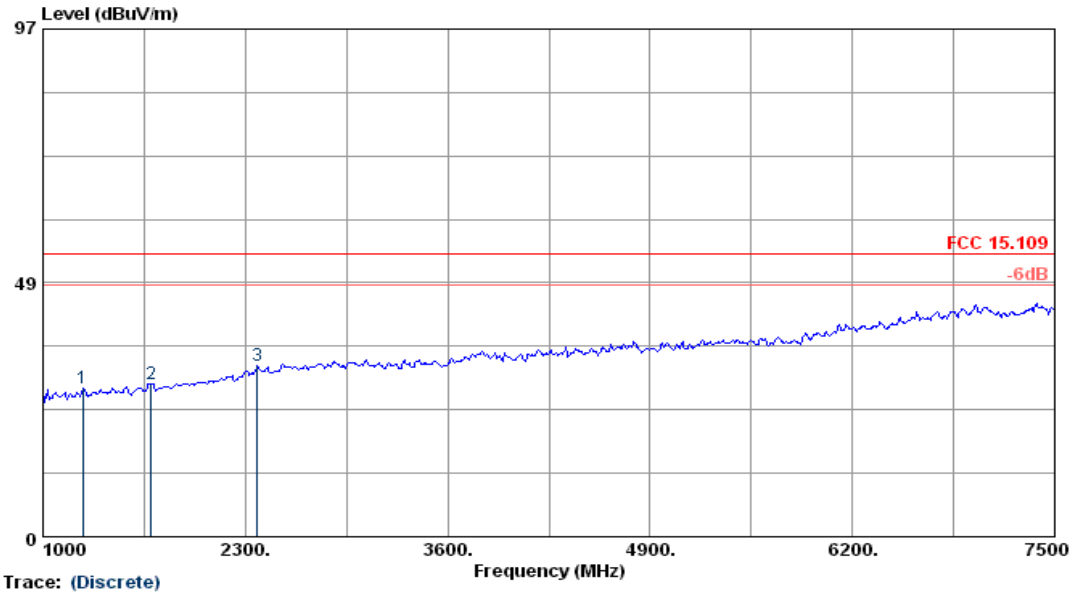
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz

Test Mode: Config 1 Test Date : Apr. 06, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Condition : FCC 15.109 3m BBHA9120D VERTICAL
Project No. : EI-2010-30020
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : K01-KD
Test Mode : Play mode _config 1
Temp./Humid. : 22/58
Operator : Nick

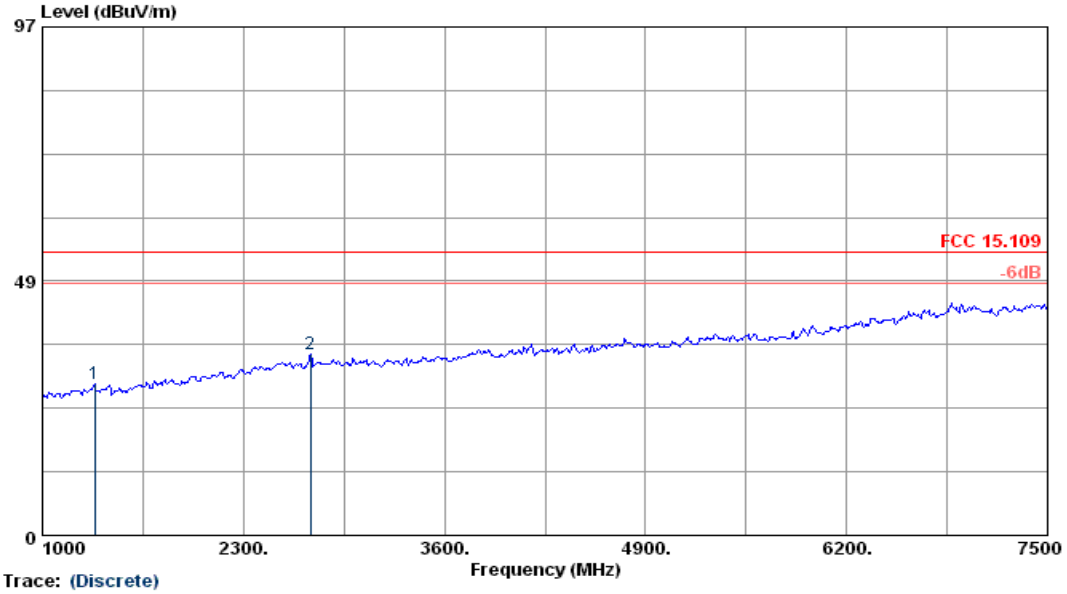
	Freq	ReadLevel	Antenna Factor	Preamp Factor	Cable Loss	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1	1253.50	43.68	24.59	43.42	3.46	-15.37	28.31	54.00	-25.69	Peak
2	1695.50	42.90	25.30	43.05	4.12	-13.63	29.27	54.00	-24.73	Peak
3 p	2378.00	43.62	27.17	42.99	5.00	-10.82	32.80	54.00	-21.20	Peak

Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.
(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz

Test Mode: Config 1 Test Date : Apr. 06, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Condition : FCC 15.109 3m BBHA9120D HORIZONTAL
Project No. : EI-2010-30020
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : K01-KD
Test Mode : Play mode _config 1
Temp./Humid. : 22/58
Operator : Nick

	Freq	ReadAntenna Level	Factor	Preamp Factor	Cable Loss	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1	1338.00	43.74	24.70	43.21	3.66	-14.85	28.89	54.00	-25.11	Peak
2 p	2735.50	45.10	27.89	43.68	5.37	-10.42	34.68	54.00	-19.32	Peak

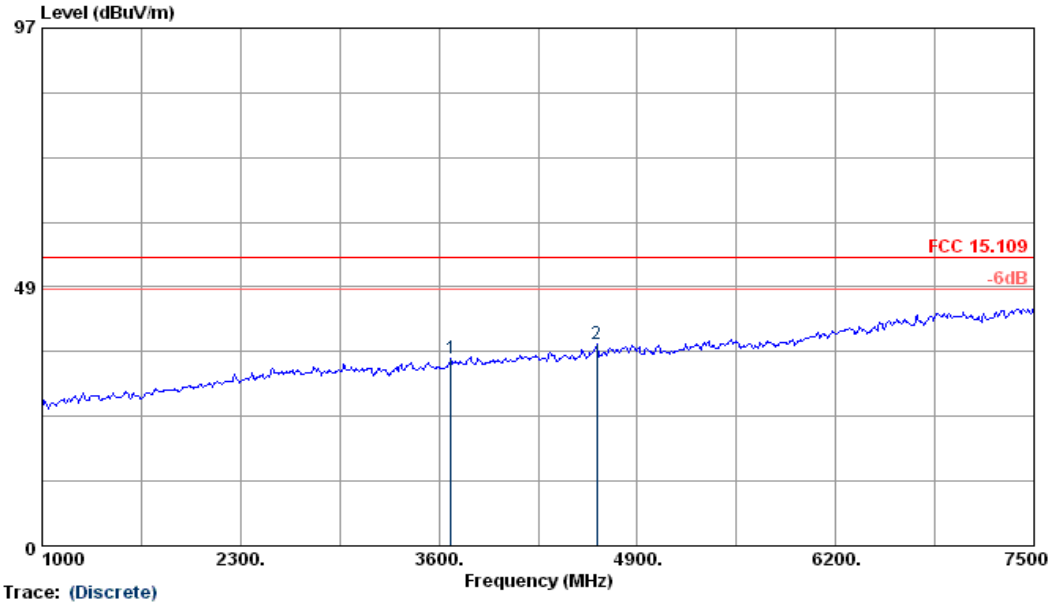
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 2 Test Date : Apr. 06, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Condition : FCC 15.109 3m BBHA9120D VERTICAL
Project No. : EI-2010-30020
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : K01-KD
Test Mode : Play mode _config 2
Temp./Humid. : 22/58
Operator : Nick

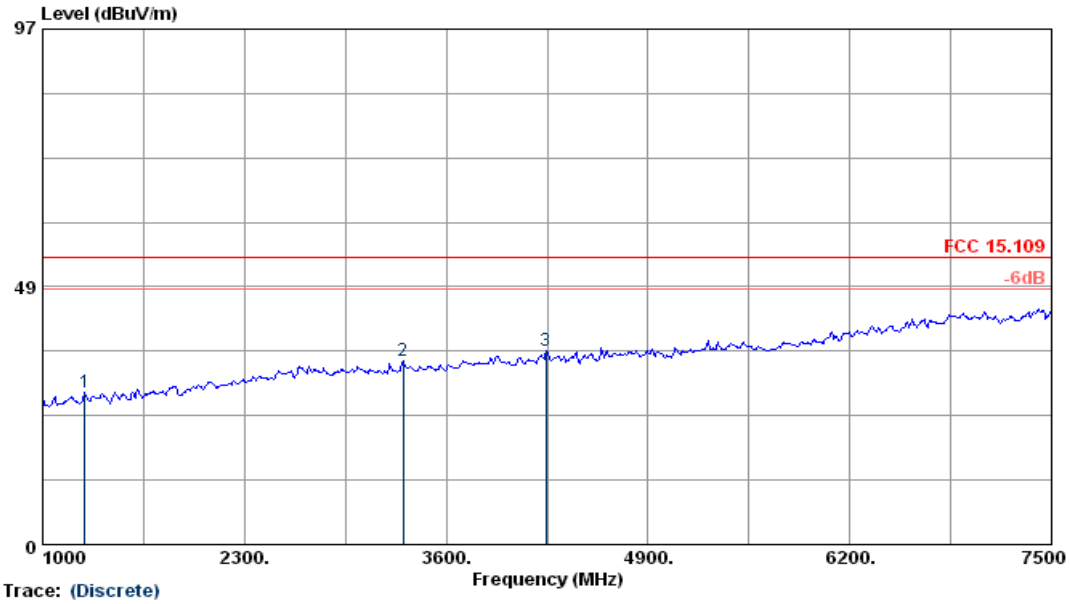
	Freq	ReadAntenna Level	Factor	Preamp Factor	Cable Loss	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1	3678.00	43.97	28.94	44.56	6.67	-8.95	35.02	54.00	-18.98	Peak
2 p	4633.50	44.15	30.88	44.27	6.95	-6.44	37.71	54.00	-16.29	Peak

Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.
(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 2 Test Date : Apr. 06, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Condition : FCC 15.109 3m BBHA9120D HORIZONTAL
Project No. : EI-2010-30020
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : K01-KD
Test Mode : Play mode _config 2
Temp./Humid. : 22/58
Operator : Nick

	Freq	ReadAntenna Level	Factor	Preamp Factor	Cable Loss	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1	1273.00	43.92	24.61	43.31	3.54	-15.16	28.76	54.00	-25.24	Peak
2	3320.50	44.87	28.40	44.12	5.38	-10.34	34.53	54.00	-19.47	Peak
3 p	4243.50	44.35	30.14	44.62	6.70	-7.78	36.57	54.00	-17.43	Peak

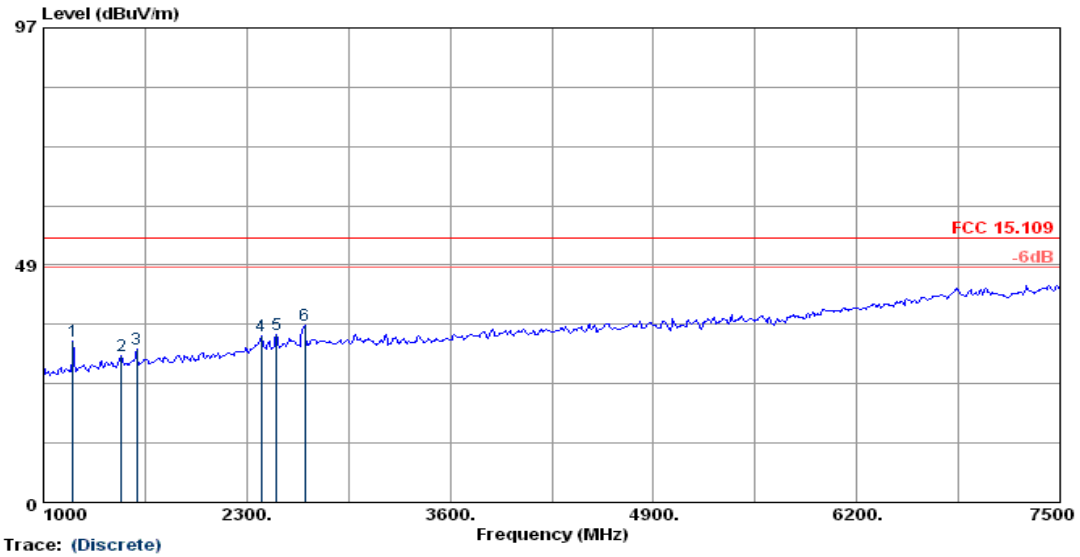
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 3 Test Date : Apr. 06, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Condition	: FCC 15.109 3m BBHA9120D VERTICAL
Project No.	: EI-2010-30020
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: K01-KD
Test Mode	: Data link _config 3
Temp./Humid.	: 22/58
Operator	: Nick

	Freq	ReadAntenna Level	Antenna Factor	Preamp Factor	Cable Loss	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1	1188.50	48.64	24.50	43.50	3.39	-15.61	33.03	54.00	-20.97	Peak
2	1500.50	44.44	24.90	43.12	3.85	-14.37	30.07	54.00	-23.93	Peak
3	1598.00	45.41	25.10	43.01	3.96	-13.95	31.46	54.00	-22.54	Peak
4	2391.00	44.91	27.23	42.99	5.00	-10.76	34.15	54.00	-19.85	Peak
5	2488.50	44.79	27.58	43.12	5.14	-10.40	34.39	54.00	-19.61	Peak
6 p	2670.50	46.51	27.80	43.54	5.31	-10.43	36.08	54.00	-17.92	Peak

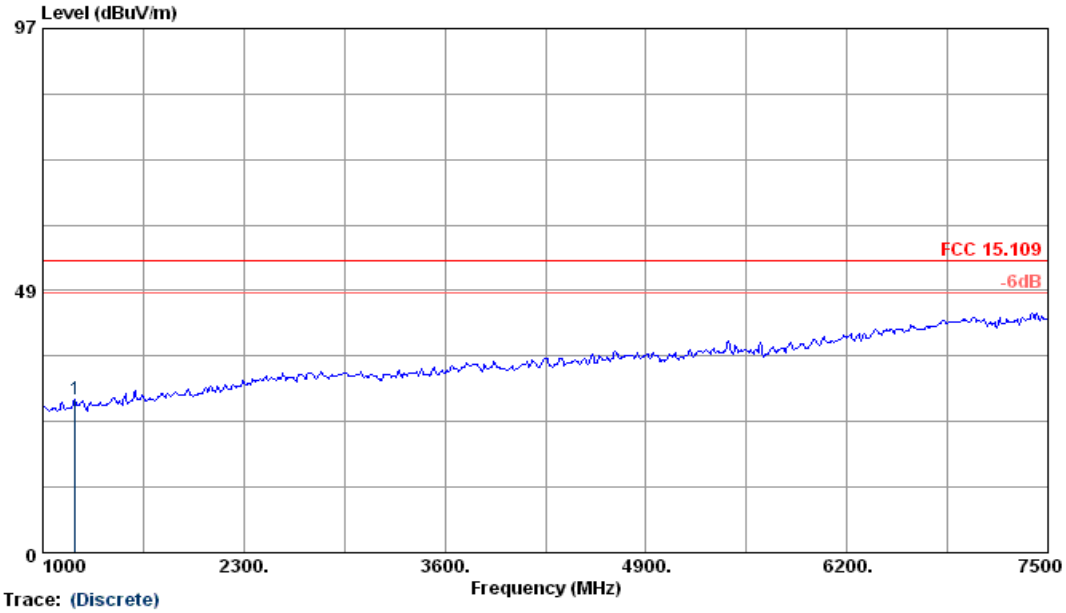
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 3 Test Date : Apr. 06, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Condition : FCC 15.109 3m BBHA9120D HORIZONTAL
Project No. : EI-2010-30020
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : K01-KD
Test Mode : Data link _config 3
Temp./Humid. : 22/58
Operator : Nick

	Freq	ReadLevel	Antenna Factor	Preamp Factor	Cable Loss	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p	1208.00	43.84	24.52	43.48	3.42	-15.54	28.30	54.00	-25.70	Peak

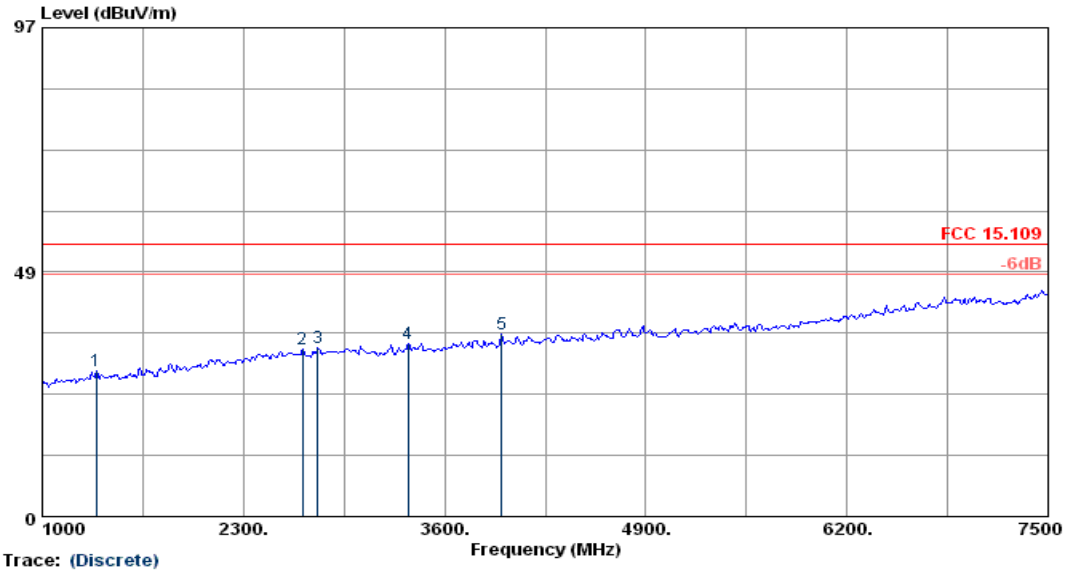
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 4 Test Date : Apr. 06, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Condition : FCC 15.109 3m BBHA9120D VERTICAL
Project No. : EI-2010-30020
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : K01-KD
Test Mode : Data link _config 4
Temp./Humid. : 22/53
Operator : Nick

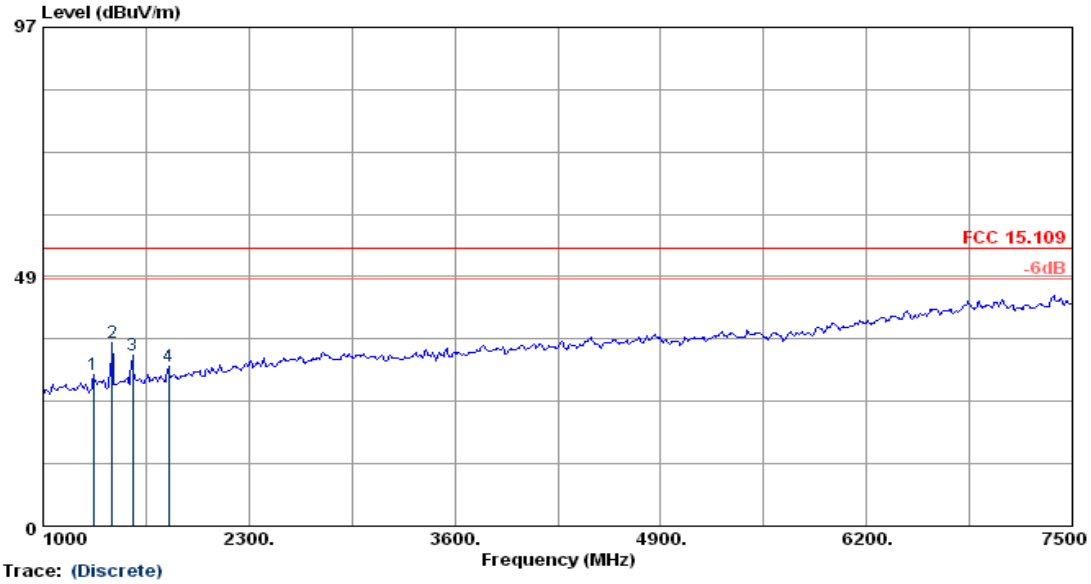
	Freq	ReadLevel	Antenna Factor	Preamp Factor	Cable Loss	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1	1351.00	43.67	24.72	43.21	3.66	-14.83	28.84	54.00	-25.16	Peak
2	2683.50	43.67	27.82	43.54	5.31	-10.41	33.26	54.00	-20.74	Peak
3	2781.00	44.01	27.95	43.77	5.43	-10.39	33.62	54.00	-20.38	Peak
4	3366.00	44.60	28.43	44.21	5.57	-10.21	34.39	54.00	-19.61	Peak
5 p	3970.50	44.96	29.62	44.70	6.35	-8.73	36.23	54.00	-17.77	Peak

Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.
(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 4 Test Date : Apr. 06, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Condition : FCC 15.109 3m BBHA9120D HORIZONTAL
Project No. : EI-2010-30020
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : K01-KD
Test Mode : Data link _config 4
Temp./Humid. : 22/58
Operator : Nick

	Freq	ReadAntenna Level	Factor	Preamp Factor	Cable Loss	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1	1318.50	44.51	24.68	43.23	3.62	-14.93	29.58	54.00	-24.42	Peak
2 p	1435.50	50.32	24.83	43.15	3.77	-14.55	35.77	54.00	-18.23	Peak
3	1565.50	47.22	25.03	43.05	3.93	-14.09	33.13	54.00	-20.87	Peak
4	1793.00	44.36	25.49	43.06	4.26	-13.31	31.05	54.00	-22.95	Peak

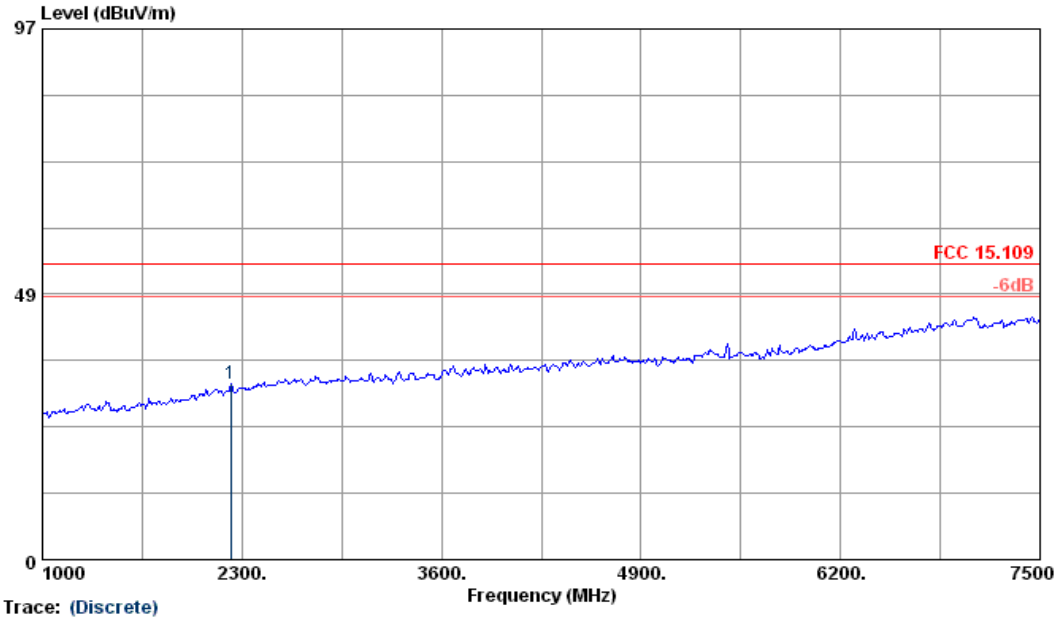
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 5 Test Date : Apr. 06, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Condition : FCC 15.109 3m BBHA9120D VERTICAL
Project No. : EI-2010-30020
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : K01-KD
Test Mode : GPS link _config 5
Temp./Humid. : 22/58
Operator : Nick

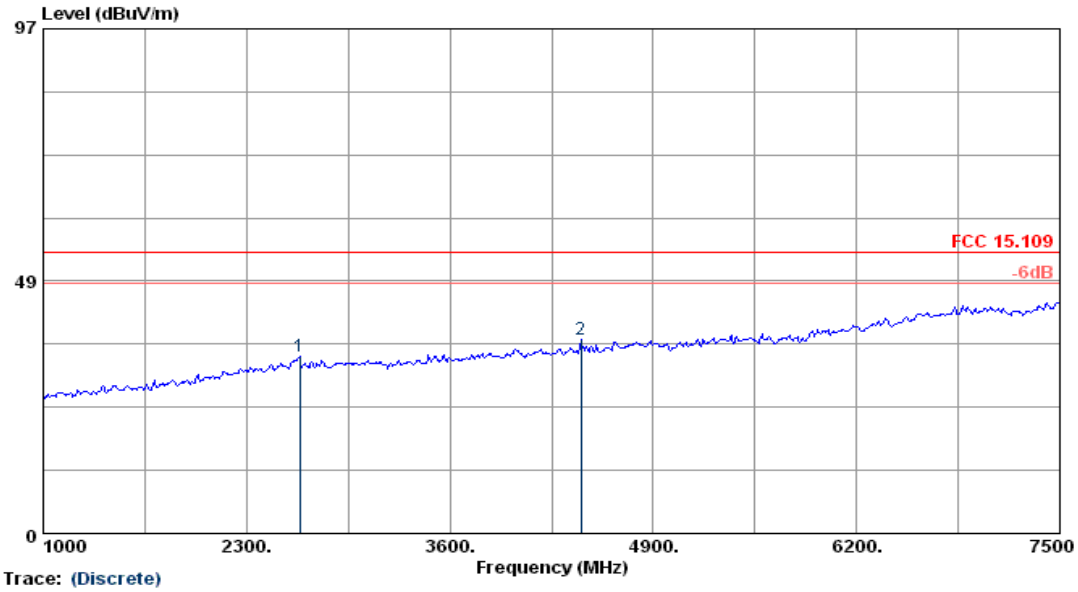
	Freq	ReadLevel	Antenna Factor	Preamp Factor	Cable Loss	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p	2228.50	43.71	26.65	43.02	4.78	-11.59	32.12	54.00	-21.88	Peak

Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.
(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 5 Test Date : Apr. 06, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Condition : FCC 15.109 3m BBHA9120D HORIZONTAL
Project No. : EI-2010-30020
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : K01-KD
Test Mode : GPS link _config 5
Temp./Humid. : 22/58
Operator : Nick

	Freq	ReadAntenna Level	Factor	Preamp Factor	Cable Loss	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1	2638.00	44.34	27.76	43.44	5.28	-10.40	33.94	54.00	-20.06	Peak
2 p	4438.50	44.37	30.49	44.33	6.73	-7.11	37.26	54.00	-16.74	Peak

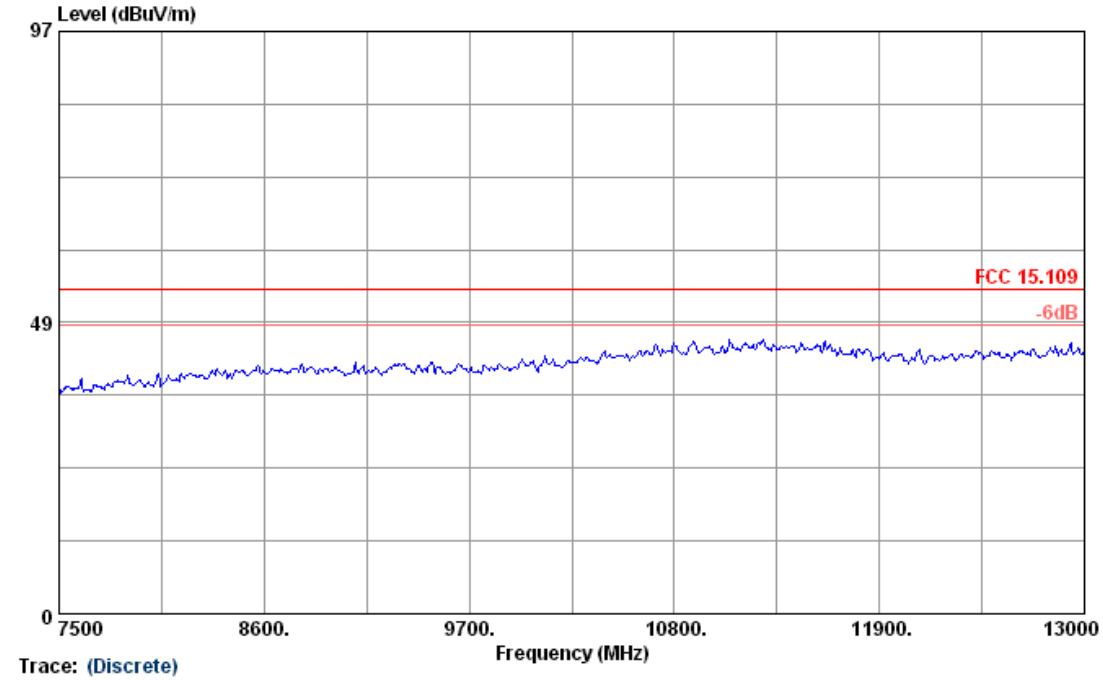
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 1 Test Date : Apr. 06, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Condition	: FCC 15.109 3m BBHA9120D VERTICAL
Project No.	: EI-2010-30020
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: K01-KD
Test Mode	: Play mode _config 1
Temp./Humid.	: 22/58
Operator	: Nick

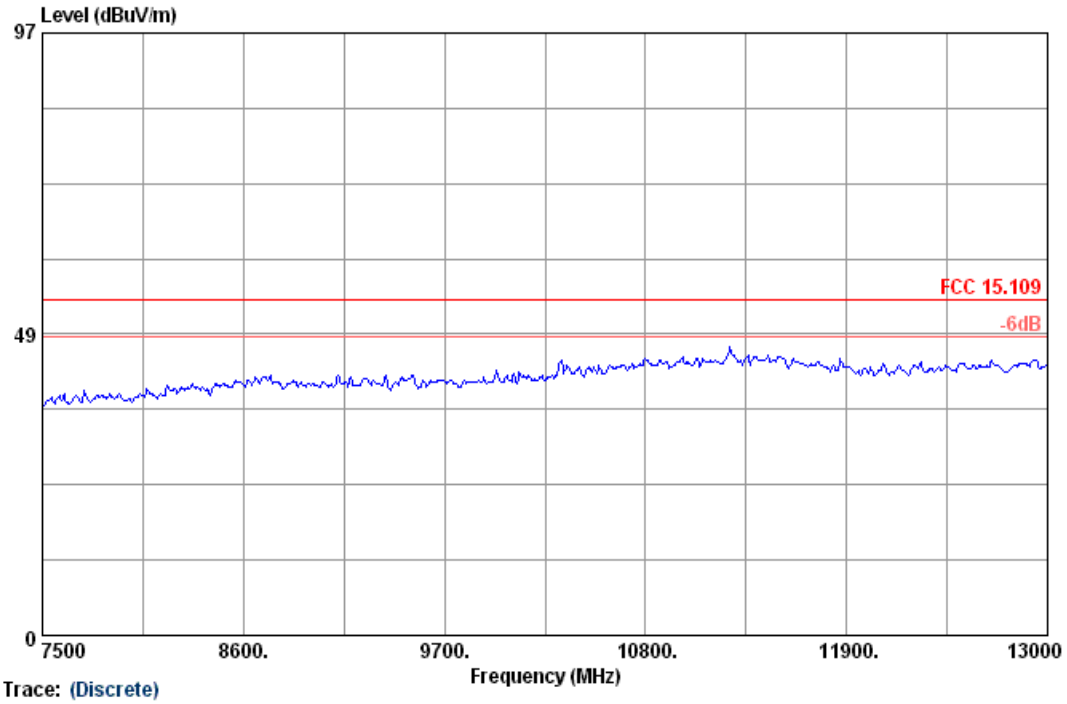
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 1 Test Date : Apr. 06, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Condition	: FCC 15.109 3m BBHA9120D HORIZONTAL
Project No.	: EI-2010-30020
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: K01-KD
Test Mode	: Play mode _config 1
Temp./Humid.	: 22/58
Operator	: Nick

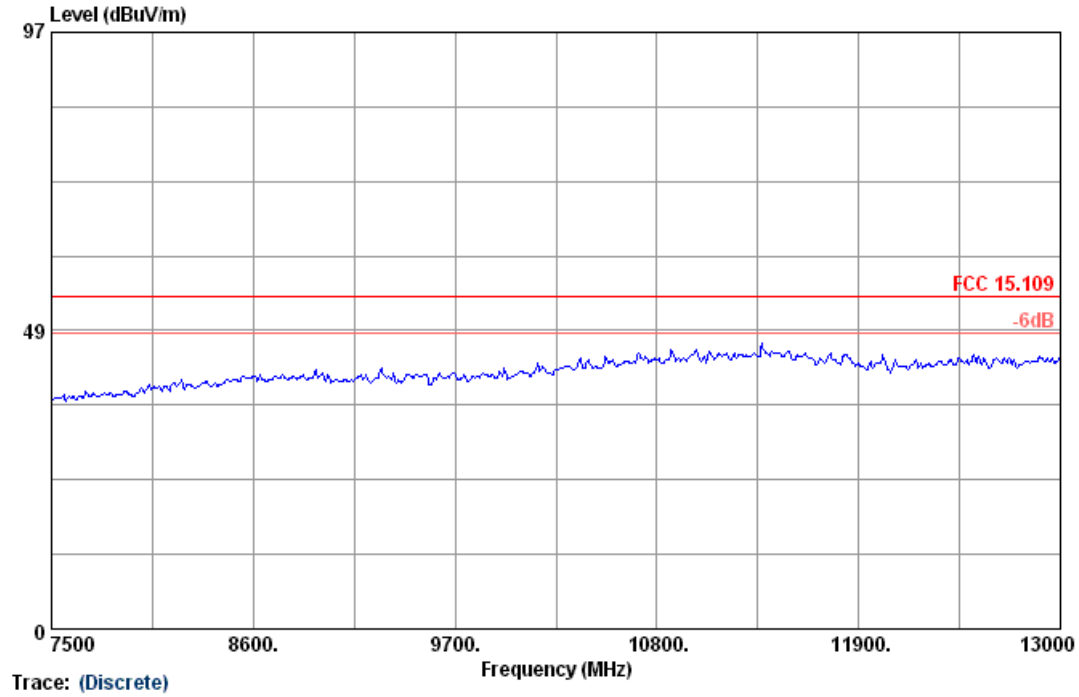
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 2 Test Date : Apr. 06, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Condition	: FCC 15.109 3m BBHA9120D VERTICAL
Project No.	: EI-2010-30020
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: K01-KD
Test Mode	: Play mode _config 2
Temp./Humid.	: 22/58
Operator	: Nick

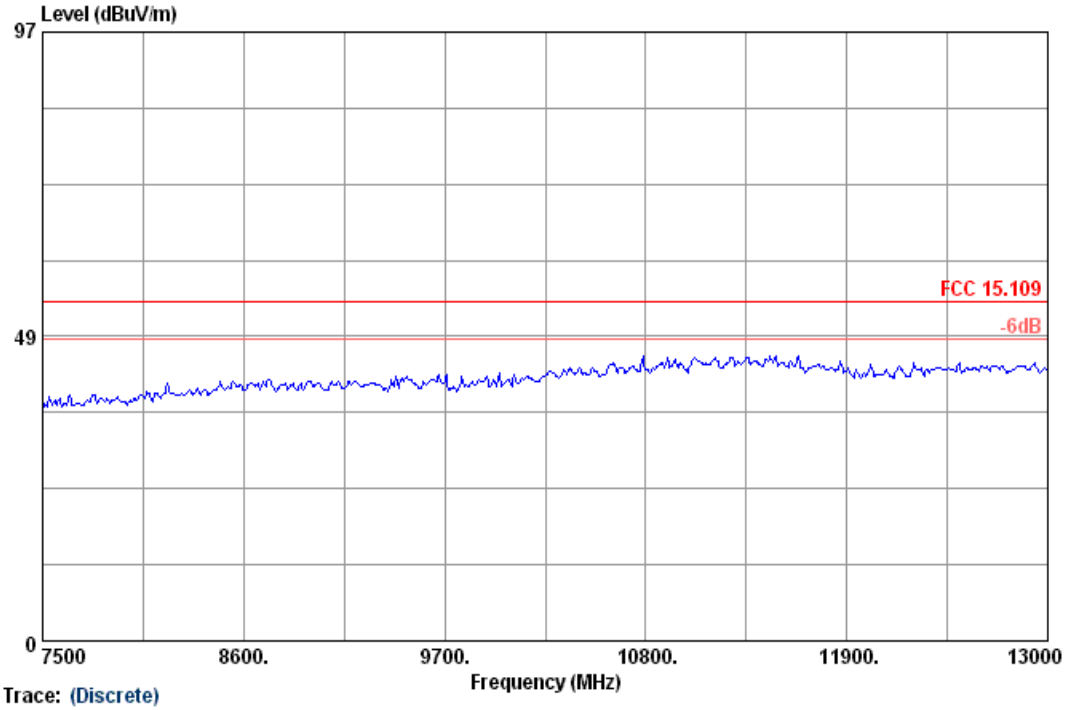
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 2 Test Date : Apr. 06, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Condition	: FCC 15.109 3m BBHA9120D HORIZONTAL
Project No.	: EI-2010-30020
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: K01-KD
Test Mode	: Play mode _config 2
Temp./Humid.	: 22/58
Operator	: Nick

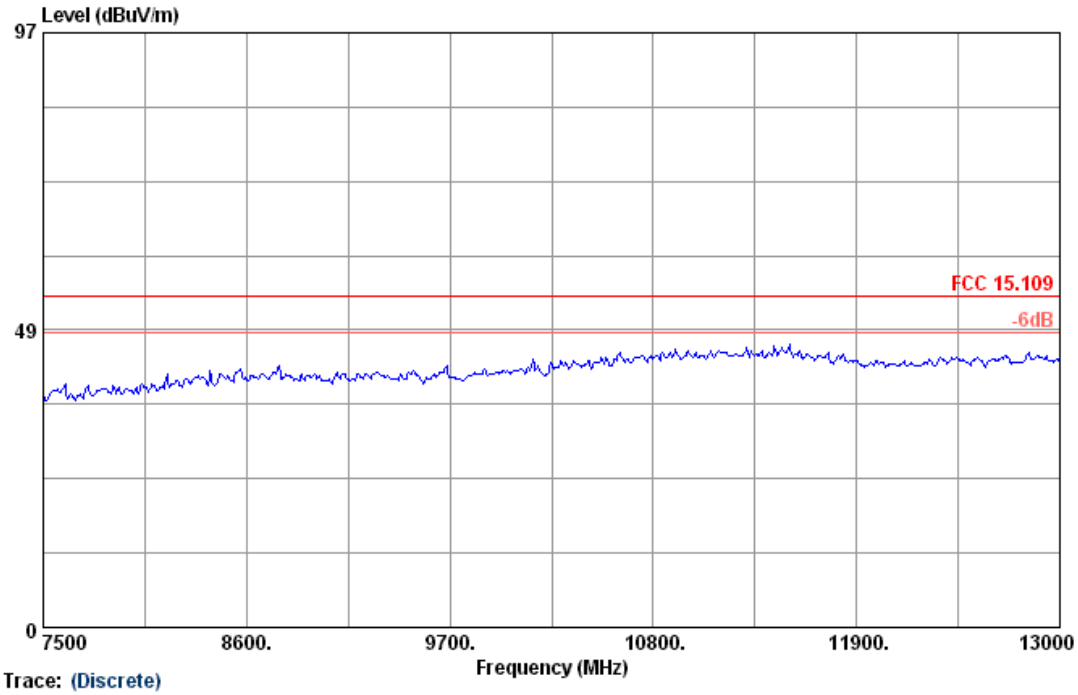
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 3 Test Date : Apr. 06, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Condition	: FCC 15.109 3m BBHA9120D VERTICAL
Project No.	: EI-2010-30020
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: K01-KD
Test Mode	: Data link _config 3
Temp./Humid.	: 22/58
Operator	: Nick

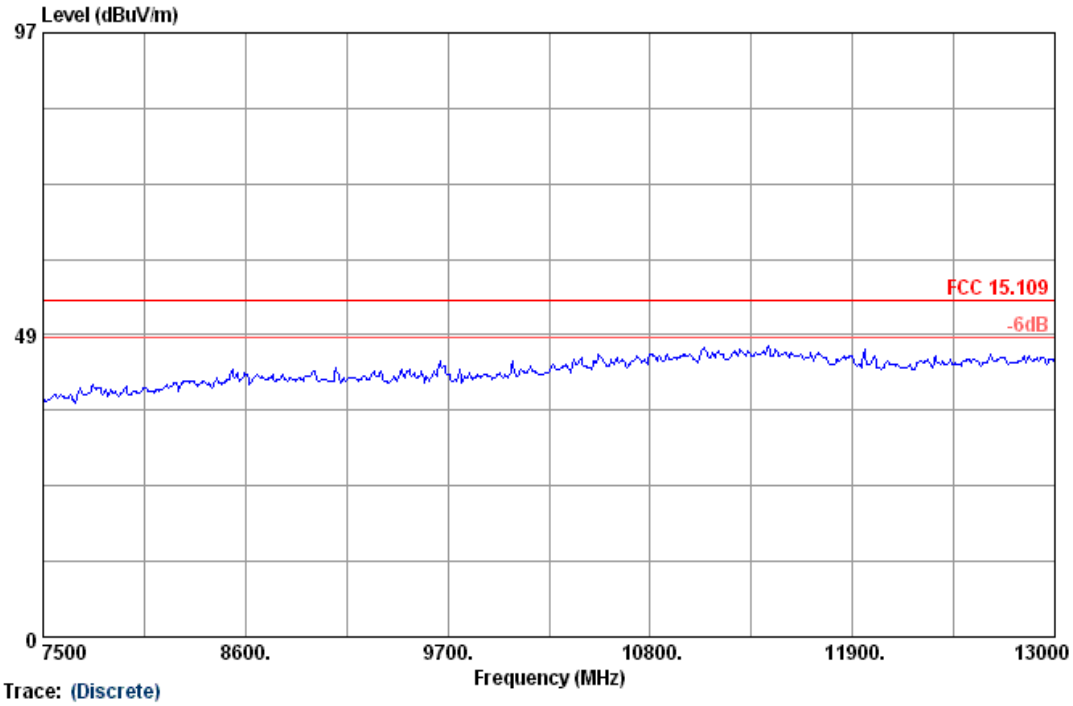
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 3 Test Date : Apr. 06, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Condition	: FCC 15.109 3m BBHA9120D HORIZONTAL
Project No.	: EI-2010-30020
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: K01-KD
Test Mode	: Data link _config 3
Temp./Humid.	: 22/58
Operator	: Nick

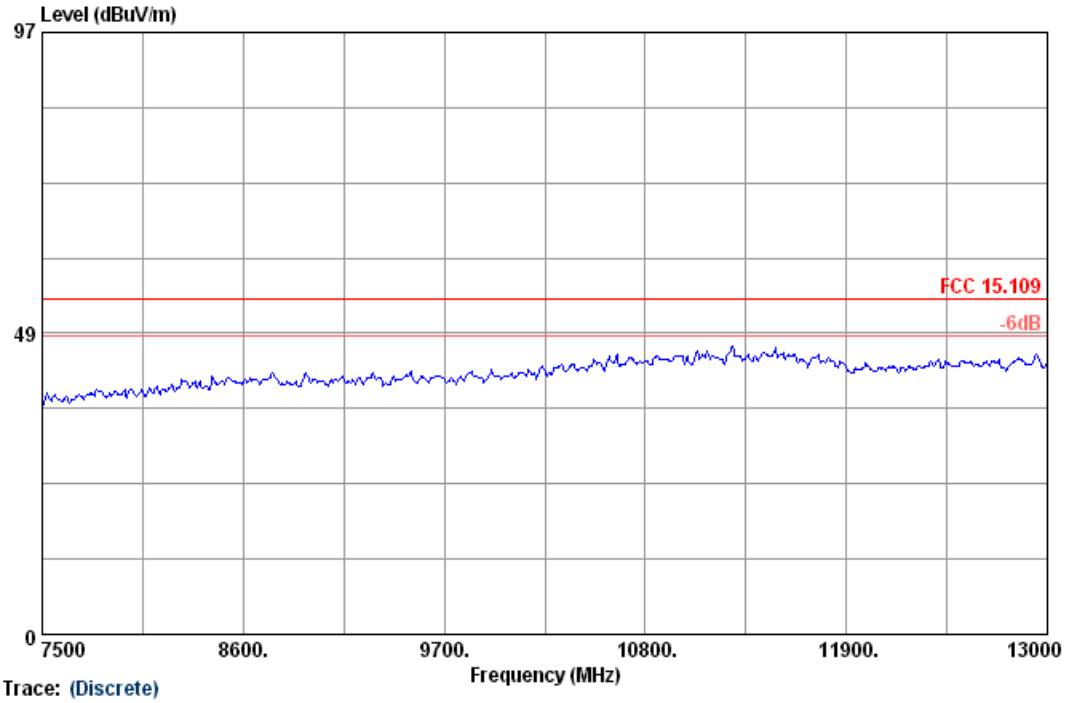
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 4 Test Date : Apr. 06, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Condition	: FCC 15.109 3m BBHA9120D VERTICAL
Project No.	: EI-2010-30020
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: K01-KD
Test Mode	: Data link _config 4
Temp./Humid.	: 22/58
Operator	: Nick

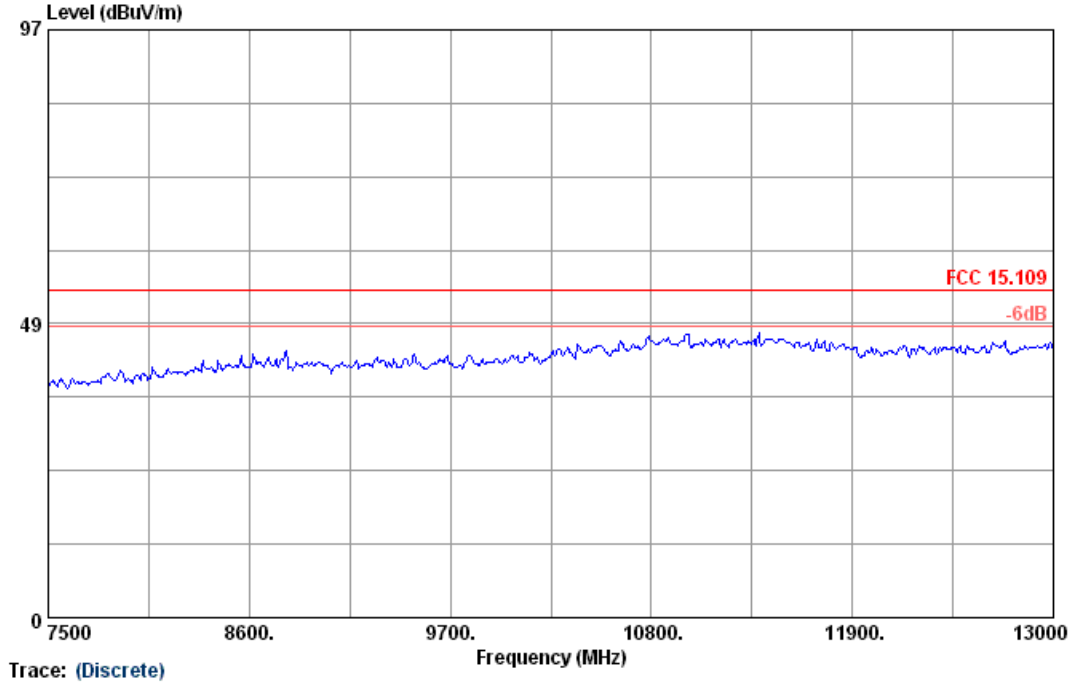
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 4 Test Date : Apr. 06, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Condition	: FCC 15.109 3m BBHA9120D HORIZONTAL
Project No.	: EI-2010-30020
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: K01-KD
Test Mode	: Data link _config 4
Temp./Humid.	: 22/58
Operator	: Nick

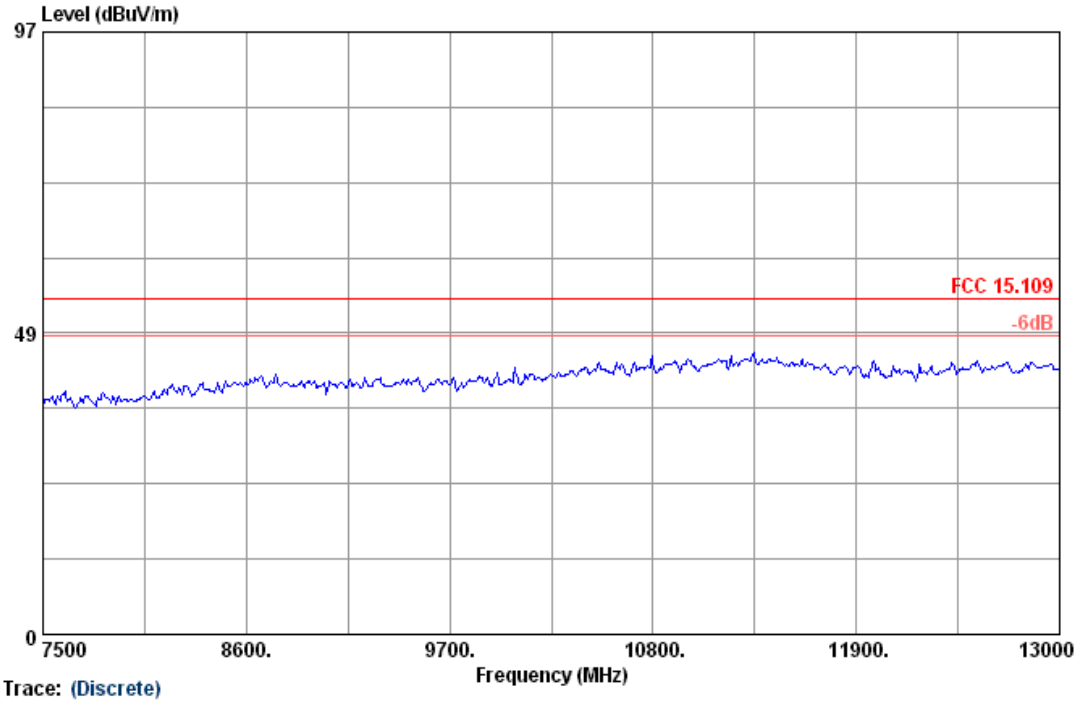
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 5 Test Date : Apr. 06, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Condition	: FCC 15.109 3m BBHA9120D VERTICAL
Project No.	: EI-2010-30020
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: K01-KD
Test Mode	: GPS link _config 5
Temp./Humid.	: 22/58
Operator	: Nick

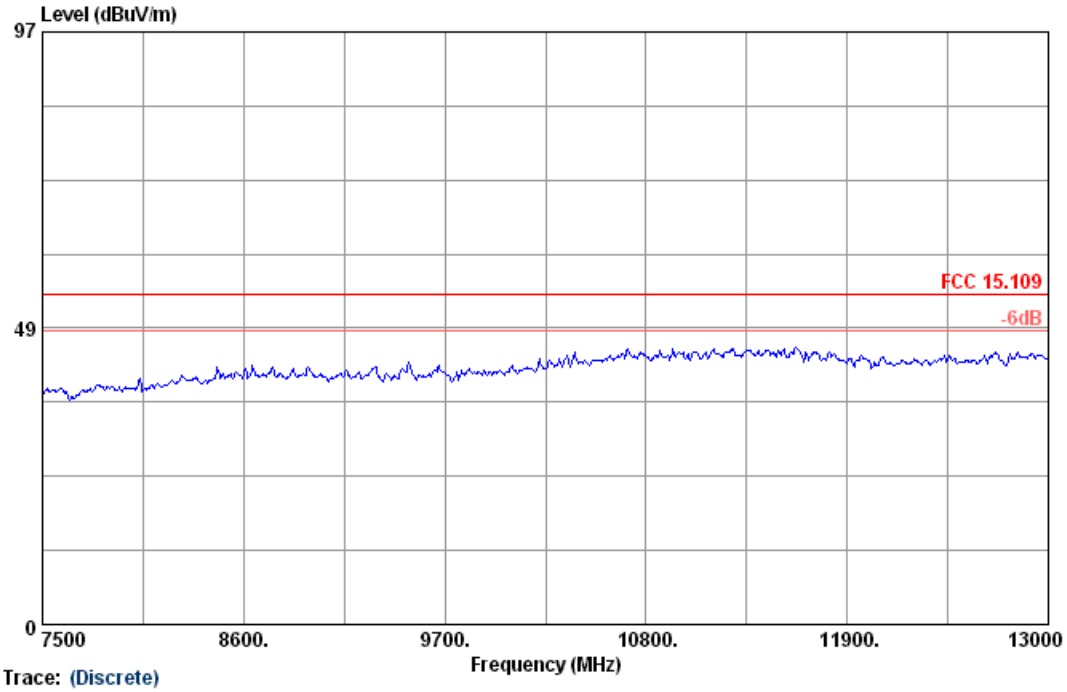
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 5 Test Date : Apr. 06, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Condition	: FCC 15.109 3m BBHA9120D HORIZONTAL
Project No.	: EI-2010-30020
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: K01-KD
Test Mode	: GPS link _config 5
Temp./Humid.	: 22/58
Operator	: Nick

Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz