

FCC 47 CFR PART 22H and 24E

Product Type : Smartphone
Applicant : HTC Corporation
Address : No. 23, Xinghua Rd., Taoyuan City, Taoyuan County 330,
Taiwan
Trade Name : HTC
Model Number : PG76200
Test Specification : FCC 47 CFR PART 22H: Oct, 2009
FCC 47 CFR PART 24E: Oct, 2009
ANSI/TIA-603-C 2004
Issue Date : Jul. 08, 2011

Issue by

A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade City,
Taoyuan County 334, Taiwan R.O.C.
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Taiwan Accreditation Foundation accreditation number: 1330

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Revision History

Rev.	Issue Date	Revisions	Revised By
00	Jul. 08, 2011	Initial Issue	

Verification of Compliance

Issued Date: 07/08/2011

Product Type : Smartphone
Applicant : HTC Corporation
Address : No. 23, Xinghua Rd., Taoyuan City, Taoyuan County 330,
Taiwan
Trade Name : HTC
Model Number : PG76200
FCC ID : NM8PG76200
EUT Rated Voltage : DC 5.0V, 1.0A
Test Voltage : 120 Vac / 60 Hz
Applicable : FCC 47 CFR PART 22H: Oct, 2009
Standard : FCC 47 CFR PART 24E: Oct, 2009
ANSI/TIA-603-C 2004

Test Result : Complied

Performing Lab. : A Test Lab Techno Corp.

No. 140-1, Changan Street, Bade City
Taoyuan County 334, Taiwan R.O.C.

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1330



<http://www.atl-lab.com.tw/e-index.htm>

The above equipment was tested by A Test Lab Techno Corp. 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 tested as described in this report is in compliance with the requirements of FCC Rules Part 22H, Part 24E.
The test results of this report relate only to the tested sample identified in this report.

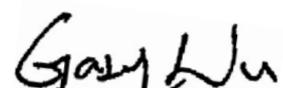
Approved By :



(Manager)

(Miller Lee)

Reviewed By :



(Testing Engineer)

(Gary Wu)

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1 General Information

1.1. EUT Description

Applicant		HTC Corporation			
Applicant Address		No. 23, Xinghua Rd., Taoyuan City, Taoyuan County 330, Taiwan			
Manufacturer		HTC Corporation			
Manufacturer Address		No. 23, Xinghua Rd., Taoyuan City, Taoyuan County 330, Taiwan			
Product Type		Smartphone			
Trade Name		HTC			
Model Number		PG76200			
FCC ID		NM8PG76200			
Mode	CDMA 2000, 1xRTT, 1xEVDO Rev0, 1xEVDO RevA	Band	UL Frequency (MHz)	DL Frequency (MHz)	Modulation
		Cellular	824.0 ~ 849.0	869.0 ~ 893.0	QPSK
		PCS	1850.0 ~ 1910.0	1930.0 ~ 1990.0	QPSK
Channel Control		Auto			
Type of Antenna		PIFA Antenna			
Antenna Gain (dBi)		Cellular Band: 2.7 dBi PCS Band: 0.6 dBi			
Max. RF Output power		Cellular Band: 29.99 dBm / 0.998 W PCS Band: 28.85 dBm / 0.767 W			
Max. ERP/EIRP		Cellular Band: 30.63 dBm / 1.156 W PCS Band: 26.63 dBm / 0.460 W			
Emission Designator		Cellular Band: 1M29F9W PCS Band: 1M29F9W			

1.2. Mode of Operation

ATL has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Test Mode
Mode 1: CDMA 2000 Cellular Band Link
Mode 2: CDMA 2000 PCS Band Link
Mode 3: CDMA 2000 1xRTT Cellular Band Link
Mode 4: CDMA 2000 1xRTT PCS Band Link
Mode 5: CDMA 2000 1xEVDO Rev0 Cellular Band Link
Mode 6: CDMA 2000 1xEVDO Rev0 PCS Band Link
Mode 7: CDMA 2000 1xEVDO RevA Cellular Band Link
Mode 8: CDMA 2000 1xEVDO RevA PCS Band Link

Note: Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

Tested System Details

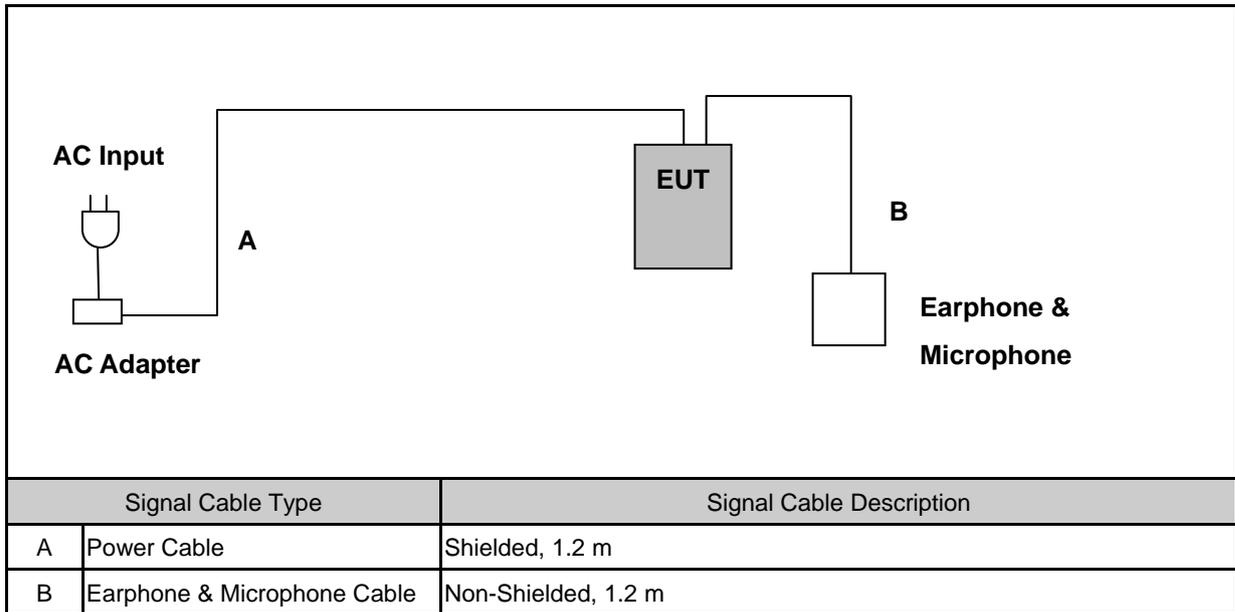
The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

	Product	Manufacturer	Model Number	Serial Number	Power Cord
1.	Universal Radio Communication Tester	R&S	CMU200	109369	Non-Shielded, 1.8m

1.3. EUT Exercise Software

1.	Setup the EUT and Base Station (CMU200) as shown on 1.4.
2.	Turn on the power of all equipment.

1.4. Configuration of Test System Details



1.5. Test Site Environment

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	26
Humidity (%RH)	25-75	55
Barometric pressure (mbar)	860-1060	950

1.6. Summary of Test Result

Description	FCC Rule	IC Rule	Limit	Result
Conducted Output Power	§2.1046	N/A	N/A	Pass
Effective Radiated Power	§22.913(a)(2)	RSS-132(4.4) SRSP-503(5.1.3)	< 7 Watts for FCC (<6.3 Watts for IC)	Pass
Equivalent Isotropic Radiated Power	§24.232(c)	RSS-133 (6.4) SRSP-510(5.1.2)	< 2 Watts	Pass
Occupied Bandwidth	§2.1049 §22.917(a) §24.238(a)	N/A	N/A	Pass
Band Edge Measurement	§2.1051 §22.917(a) §24.238(a)	RSS-132 (4.5.1)RSS-133 (6.5.1)	< 43+10log ₁₀ (P[Watts])	Pass
Conducted Emission	§2.1051 §22.917(a) §24.238(a)	RSS-132 (4.5.1) RSS-133 (6.5.1)	< 43+10log ₁₀ (P[Watts])	Pass
Field Strength of Spurious Radiation	§2.1053 §22.917(a) §24.238(a)	RSS-132 (4.5.1) RSS-133 (6.5.1)	< 43+10log ₁₀ (P[Watts])	Pass
Frequency Stability for Temperature & Voltage	§2.1055 §22.355 §24.235	RSS-132(4.3) RSS-133(6.3)	< 2.5 ppm	Pass

2 RF Output Power Test

2.1. Limit

N/A

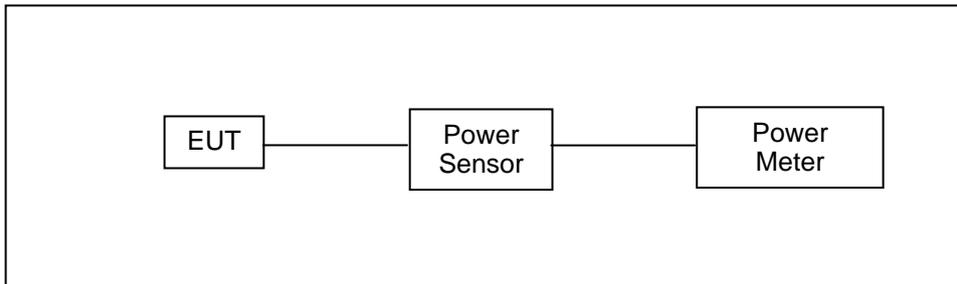
2.2. Test Instruments

Describe	Manufacturer	Model No.	Serial No.	Cal. Date	Remark
Universal Radio Communication Tester	ROHDE & SCHWARZ	CMU200	109369	08/10/2010	(2)
Single Channel PK Power Sensor	Agilent	N1911A	MY45101619	07/19/2010	(1)
Wideband Power Meter	Agilent	N1921A	MY45241957	07/19/2010	(1)
Test Site	ATL	TE05	TE05	N.C.R.	-----

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

NOTE: N.C.R. = No Calibration Request.

2.3. Test Setup



2.4. Test Procedure

The measurement is made according to ANSI/TIA-603-C-2004 as follows:

1. The transmitter output was connected to power meter and base station through power divider.
2. Set base station for EUT at GSM 850: PCL=5 and PCS 1900: PCL=0.
3. Set base station for EUT at WCDMA Band V and WCDMA Band II, power level was set to maximum.
4. Select lowest, middle, and highest channels for each band.

2.5. Uncertainty

The measurement uncertainty is defined as for RF output power measurement is 1.2 dB.

2.6. Test Result

Model Number	PG76200				
Test Item	RF Output Power				
Test Mode	Mode 1				
Date of Test	06/23/2011			Test Site	TE05
RC/TAP (REV)	Frequency (MHz)	Average Power		Peak Power	
		(dBm)	(W)	(dBm)	(W)
RC1/SO2	824.70	23.98	0.250	24.45	0.279
	836.52	23.92	0.247	24.30	0.269
	848.31	23.83	0.242	24.34	0.272
RC1/SO55	824.70	23.93	0.247	24.50	0.282
	836.52	23.97	0.249	24.69	0.294
	848.31	23.90	0.245	24.38	0.274
RC2/SO9	824.70	23.90	0.245	24.44	0.278
	836.52	23.94	0.248	24.56	0.286
	848.31	23.88	0.244	24.36	0.273
RC3/SO2	824.70	23.81	0.240	24.16	0.261
	836.52	23.94	0.248	24.32	0.270
	848.31	23.83	0.242	24.22	0.264
RC3/SO55	824.70	23.84	0.242	24.31	0.270
	836.52	23.91	0.246	24.28	0.268
	848.31	23.79	0.239	24.22	0.264

Note: The peak power testing result was used peak detector.

Model Number	PG76200				
Test Item	RF Output Power				
Test Mode	Mode 2				
Date of Test	06/23/2011			Test Site	TE05
RC/TAP (REV)	Frequency (MHz)	Average Power		Peak Power	
		(dBm)	(W)	(dBm)	(W)
RC1/SO2	1851.25	24.33	0.271	24.53	0.284
	1880.00	24.21	0.264	24.48	0.281
	1908.75	24.12	0.258	25.28	0.337
RC1/SO55	1851.25	24.22	0.264	24.54	0.284
	1880.00	24.14	0.259	24.50	0.282
	1908.75	23.96	0.249	25.08	0.322
RC2/SO9	1851.25	24.23	0.265	24.51	0.282
	1880.00	24.14	0.259	24.37	0.274
	1908.75	23.96	0.249	24.91	0.310
RC3/SO2	1851.25	24.28	0.268	24.50	0.282
	1880.00	23.98	0.250	24.60	0.288
	1908.75	23.91	0.246	24.90	0.309
RC3/SO55	1851.25	24.27	0.267	24.45	0.279
	1880.00	23.97	0.249	24.36	0.273
	1908.75	23.86	0.243	24.90	0.309

Note: The peak power testing result was used peak detector.

Model Number	PG76200				
Test Item	RF Output Power				
Test Mode	Mode 3				
Date of Test	06/23/2011			Test Site	TE05
RC/TAP (REV)	Frequency (MHz)	Average Power		Peak Power	
		(dBm)	(W)	(dBm)	(W)
RC3/SO32	824.70	23.79	0.239	24.16	0.261
	836.52	23.96	0.249	24.36	0.273
	848.31	23.81	0.240	24.21	0.264

Model Number	PG76200				
Test Item	RF Output Power				
Test Mode	Mode 4				
Date of Test	06/23/2011			Test Site	TE05
RC/TAP (REV)	Frequency (MHz)	Average Power		Peak Power	
		(dBm)	(W)	(dBm)	(W)
RC3/SO32	1851.25	24.16	0.261	24.36	0.273
	1880.00	23.96	0.249	24.09	0.256
	1908.75	23.98	0.250	24.87	0.307

Note: The peak power testing result was used peak detector.

Model Number	PG76200				
Test Item	RF Output Power				
Test Mode	Mode 5				
Date of Test	06/23/2011			Test Site	TE05
RTAP (kbps)	Frequency (MHz)	Average Power		Peak Power	
		(dBm)	(W)	(dBm)	(W)
9.6	824.70	23.50	0.224	29.36	0.863
	836.52	23.86	0.243	29.78	0.951
	848.31	23.49	0.223	29.48	0.887
19.2	824.70	23.62	0.230	29.35	0.861
	836.52	23.76	0.238	29.66	0.925
	848.31	23.63	0.231	29.72	0.938
38.4	824.70	23.46	0.222	29.25	0.841
	836.52	23.56	0.227	29.51	0.893
	848.31	23.52	0.225	29.15	0.822
76.8	824.70	23.52	0.225	29.16	0.824
	836.52	23.71	0.235	29.34	0.859
	848.31	23.53	0.225	29.31	0.853
153.6	824.70	23.51	0.224	28.97	0.789
	836.52	23.59	0.229	28.83	0.764
	848.31	23.52	0.225	29.16	0.824

Note: The peak power testing result was used peak detector.

Model Number	PG76200				
Test Item	RF Output Power				
Test Mode	Mode 6				
Date of Test	06/23/2011			Test Site	TE05
RTAP (kbps)	Frequency (MHz)	Average Power		Peak Power	
		(dBm)	(W)	(dBm)	(W)
9.6	1851.25	24.13	0.259	28.36	0.685
	1880.00	24.04	0.254	28.85	0.767
	1908.75	23.91	0.246	28.51	0.710
19.2	1851.25	24.07	0.255	28.31	0.678
	1880.00	23.92	0.247	28.64	0.731
	1908.75	24.00	0.251	28.44	0.698
38.4	1851.25	24.06	0.255	28.21	0.662
	1880.00	23.89	0.245	28.55	0.716
	1908.75	23.85	0.243	28.37	0.687
76.8	1851.25	24.07	0.255	28.16	0.655
	1880.00	23.88	0.244	28.47	0.703
	1908.75	23.83	0.242	28.24	0.667
153.6	1851.25	24.12	0.258	28.06	0.640
	1880.00	23.90	0.245	28.40	0.692
	1908.75	23.93	0.247	28.25	0.668

Note: The peak power testing result was used peak detector.

Model Number	PG76200				
Test Item	RF Output Power				
Test Mode	Mode 7				
Date of Test	06/23/2011			Test Site	TE05
RETAP (Payload size)	Frequency (MHz)	Average Power		Peak Power	
		(dBm)	(W)	(dBm)	(W)
128	824.70	23.02	0.200	29.40	0.871
	836.52	23.13	0.206	29.60	0.912
	848.31	23.09	0.204	29.73	0.940
256	824.70	23.47	0.222	29.44	0.879
	836.52	23.28	0.213	29.62	0.916
	848.31	23.10	0.204	29.43	0.877
512	824.70	23.70	0.234	29.32	0.855
	836.52	23.74	0.237	29.59	0.910
	848.31	23.64	0.231	29.62	0.916
768	824.70	23.82	0.241	29.31	0.853
	836.52	23.89	0.245	29.55	0.902
	848.31	23.56	0.227	29.56	0.904
1024	824.70	23.60	0.229	29.23	0.838
	836.52	23.61	0.230	29.37	0.865
	848.31	23.55	0.226	29.42	0.875
1536	824.70	23.54	0.226	29.40	0.871
	836.52	23.71	0.235	29.72	0.938
	848.31	23.46	0.222	29.60	0.912
2048	824.70	23.69	0.234	29.17	0.826
	836.52	23.72	0.236	29.42	0.875
	848.31	23.44	0.221	29.41	0.873
3072	824.70	23.68	0.233	29.44	0.879
	836.52	23.74	0.237	29.86	0.968
	848.31	23.44	0.221	29.82	0.959
4096	824.70	23.67	0.233	29.51	0.893
	836.52	23.71	0.235	29.79	0.953
	848.31	23.63	0.231	29.85	0.966
6144	824.70	23.84	0.242	29.66	0.925
	836.52	23.70	0.234	29.94	0.986
	848.31	23.78	0.239	29.97	0.993
8192	824.70	23.83	0.242	29.63	0.918
	836.52	23.88	0.244	29.96	0.991
	848.31	23.64	0.231	29.95	0.989
12288	824.70	23.64	0.231	29.51	0.893
	836.52	23.69	0.234	29.99	0.998
	848.31	23.64	0.231	29.94	0.986

Note: The peak power testing result was used peak detector.

Model Number	PG76200				
Test Item	RF Output Power				
Test Mode	Mode 8				
Date of Test	06/23/2011			Test Site	TE05
RETAP (Payload size)	Frequency (MHz)	Average Power		Peak Power	
		(dBm)	(W)	(dBm)	(W)
128	1851.25	23.10	0.204	26.94	0.494
	1880.00	23.26	0.212	28.26	0.670
	1908.75	23.73	0.236	28.53	0.713
256	1851.25	23.15	0.207	26.90	0.490
	1880.00	23.49	0.223	28.26	0.670
	1908.75	23.82	0.241	28.51	0.710
512	1851.25	23.23	0.210	26.84	0.483
	1880.00	23.76	0.238	28.16	0.655
	1908.75	24.19	0.262	28.40	0.692
768	1851.25	23.12	0.205	26.79	0.478
	1880.00	23.77	0.238	28.10	0.646
	1908.75	24.31	0.270	28.37	0.687
1024	1851.25	23.24	0.211	26.75	0.473
	1880.00	23.76	0.238	28.06	0.640
	1908.75	24.02	0.252	28.29	0.675
1536	1851.25	23.27	0.212	26.76	0.474
	1880.00	23.74	0.237	28.11	0.647
	1908.75	24.14	0.259	28.30	0.676
2048	1851.25	23.00	0.200	26.75	0.473
	1880.00	23.76	0.238	28.09	0.644
	1908.75	24.17	0.261	28.28	0.673
3072	1851.25	23.19	0.208	26.86	0.485
	1880.00	23.52	0.225	28.12	0.649
	1908.75	23.94	0.248	28.38	0.689
4096	1851.25	23.17	0.207	26.87	0.486
	1880.00	23.68	0.233	28.15	0.653
	1908.75	24.10	0.257	28.38	0.689
6144	1851.25	23.03	0.201	26.94	0.494
	1880.00	23.73	0.236	28.26	0.670
	1908.75	24.22	0.264	28.49	0.706
8192	1851.25	23.01	0.200	26.89	0.489
	1880.00	23.74	0.237	28.23	0.665
	1908.75	24.23	0.265	28.44	0.698
12288	1851.25	23.03	0.201	26.88	0.488
	1880.00	23.76	0.238	28.18	0.658
	1908.75	24.10	0.257	28.41	0.693

Note: The peak power testing result was used peak detector.

3 Effective Radiated Power / Equivalent Isotropic Radiated Power Test

3.1. Limit

For FCC Part 22.913(a)(2): The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

For FCC Part 24.232(b): The EIRP of mobile transmitters and auxiliary test transmitters must not exceed 2 Watts.

3.2. Test Instruments

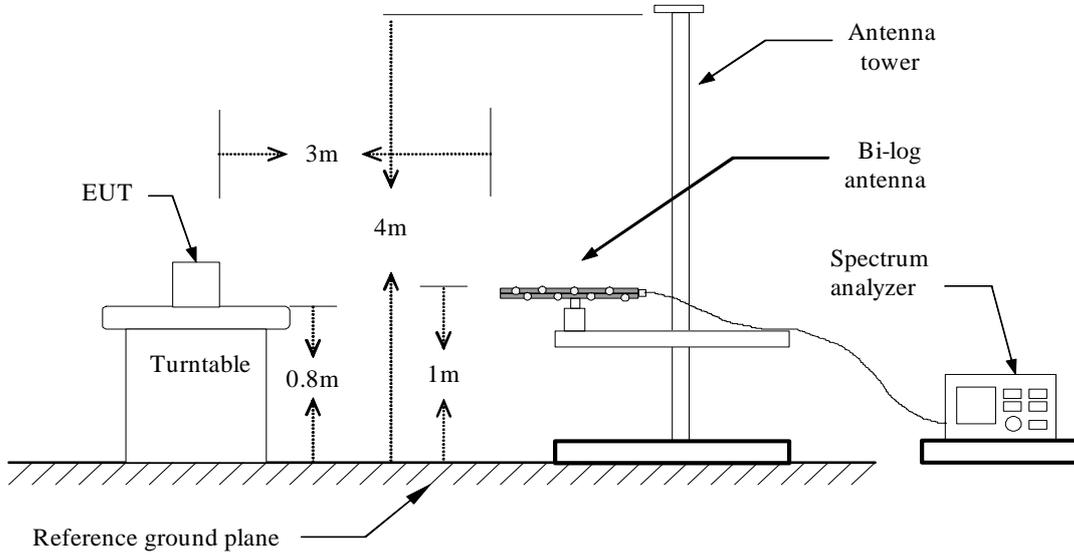
3 Meter Chamber					
Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Remark
RF Pre-selector	Agilent	N9039A	MY46520256	01/18/2011	(2)
Spectrum Analyzer	Agilent	E4446A	MY46180578	01/18/2011	(1)
Pre Amplifier	Agilent	8449B	3008A02237	02/23/2011	(1)
Pre Amplifier	Agilent	8447D	2944A10961	02/23/2011	(1)
Bi-log Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	9163-270	08/02/2010	(1)
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	06/29/2010	(1)
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	06/29/2010	(1)
Test Site	ATL	TE01	888001	07/30/2010	(1)

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

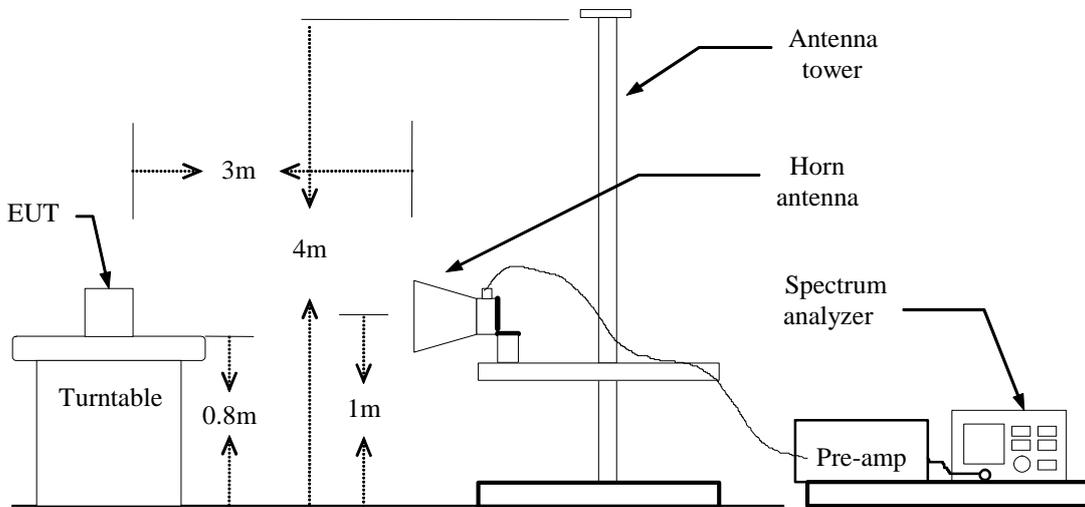
NOTE: N.C.R. = No Calibration Request.

3.3. Test Setup

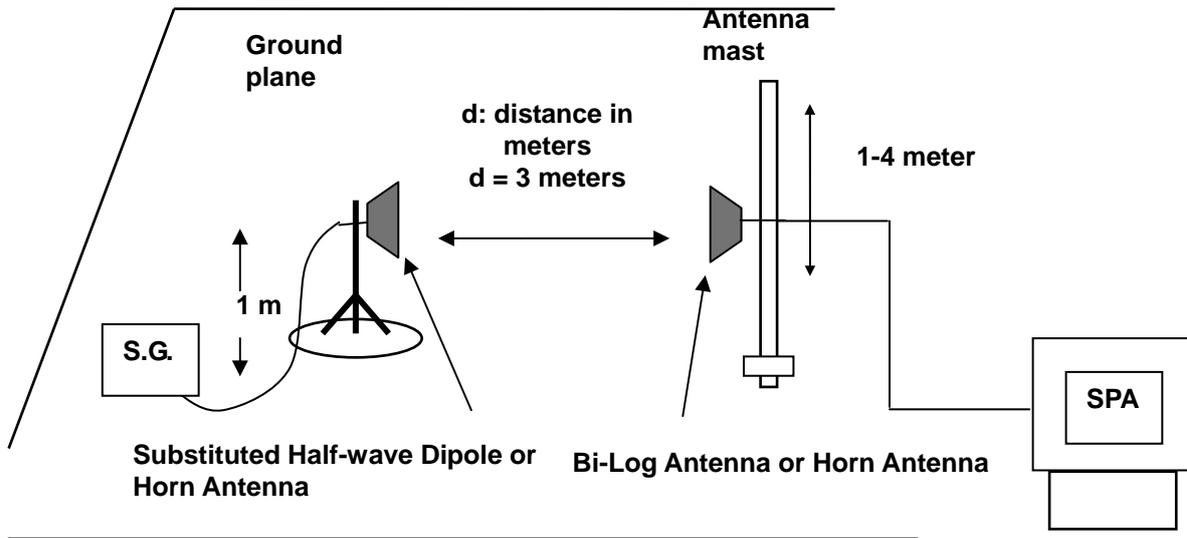
Below 1 GHz



Above 1 GHz



For Substituted Method Test Set-UP



3.4. Test Procedure

The measurement is made according to ANSI/TIA-603-C-2004 as follows:

The EUT was placed on a non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer.

During the measurement of the EUT, the resolution bandwidth was set to 3MHz and the average bandwidth was set to 3MHz. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna. The reading was recorded and the field strength (E in dBuV/m) was calculated.

ERP in frequency band 824-849MHz, and EIRP in frequency band 1851.25 –1910MHz were measured using a substitution method. The EUT was replaced by half-wave dipole (824-849MHz) or horn antenna (1851.25-1910MHz) connected to a signal generator. The spectrum analyzer reading was recorded and ERP/EIRP was calculated as follows:

$$\text{ERP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBd)} - \text{Cable (dB)}$$

$$\text{EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBi)} - \text{Cable (dB)}$$

3.5. Uncertainty

The measurement uncertainty is defined as for Field Strength of Spurious Radiation measurement is ± 3.072 dB.

3.6. Test Result

Model Number	PG76200						
Test Item	ERP/EIRP						
Date of Test	06/27/2011				Test Site		TC03
Mode	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction factor (dBm)	ERP		Limit
					(dBm)	(W)	
7	824.7	H	-11.48	40.17	28.69	0.740	< 7W
		V	-10.97	40.00	29.03	0.800	< 7W
	837.0	H	-10.74	41.08	30.34	1.081	< 7W
		V	-10.16	39.65	29.49	0.889	< 7W
	848.3	H	-11.18	41.81	30.63	1.156	< 7W
		V	-11.02	39.32	28.30	0.676	< 7W

Model Number	PG76200						
Test Item	ERP/EIRP						
Date of Test	06/27/2011				Test Site		TC03
Mode	Frequency (MHz)	Ant. Polar.	Read Level (dBm)	Correction factor (dBm)	EIRP		Limit
					(dBm)	(W)	
8	1851.25	H	16.20	10.43	26.63	0.460	< 2W
		V	17.98	8.27	26.25	0.422	< 2W
	1880.00	H	15.05	10.44	25.49	0.354	< 2W
		V	17.95	8.50	26.45	0.442	< 2W
	1908.75	H	14.69	10.44	25.13	0.326	< 2W
		V	17.82	8.72	26.54	0.451	< 2W

Note: 1. ERP/EIRP = Read Level + Correction factor.

2. For CDMA signals, a peak detector is used with RBW = VBW = 3MHz.

4 Occupied Bandwidth Test

4.1. Limit

The Occupied Bandwidth Limit:

N/A.

The Band Edge Limit:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10\log(P)$ dB.

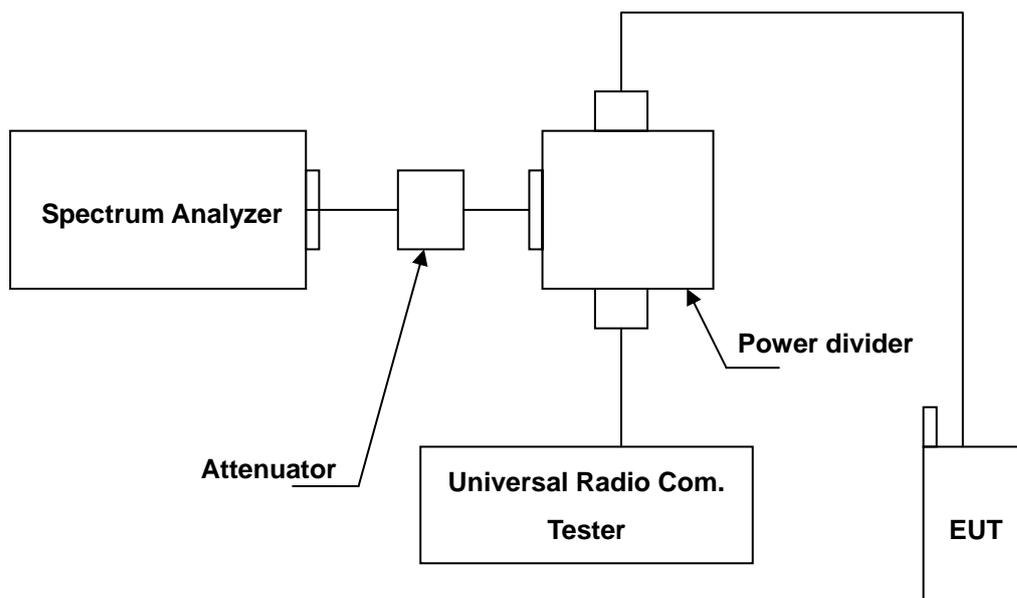
4.2. Test Instruments

Describe	Manufacturer	Model No.	Serial No.	Cal. Date	Remark
Spectrum Analyzer	Agilent	E4445A	MY46181986	05/16/2011	(2)
Universal Radio Communication Tester	ROHDE & SCHWARZ	CMU200	109369	08/10/2010	(2)
Attenuator	RADIALL	R41572000	0603033073	N.C.R.	-----
Power divider	Agilent	87302C	3239A00760	N.C.R.	-----
Test Site	ATL	TE05	TE05	N.C.R.	-----

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

NOTE: N.C.R. = No Calibration Request.

4.3. Setup



4.4. Test Procedure

The measurement is made according to FCC rules part 22 and 24:

1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The occupied bandwidth of middle channel for the highest and lowest RF powers was measured.
3. The band edge of low and high channels for the highest RF powers within the transmitting frequency band were measured. Setting RBW as roughly BW/100.
4. The band edge setting:
 - a. RB=3 kHz; VB=3 kHz for GSM 850 and PCS 1900.
 - b. RB=100 kHz; VB=100 kHz for WCDMA Band V and WCDMA Band II.
 - c. RB=30 kHz; VB=300 kHz for CDMA Cellular Band and PCS Band.

4.5. Uncertainty

The measurement uncertainty is defined as $\pm 10\text{Hz}$

4.6. Test Result

99% Occupied Bandwidth

Model Number	PG76200		
Test Item	Occupied Bandwidth		
Test Mode	Mode 7		
Date of Test	06/23/2011	Test Site	TE05
Channel No.	Frequency (MHz)	99% Bandwidth (MHz)	Note
1013	824.7	1.2839	RBW:30KHz , VBW:300KHz
400	836.6	1.2879	RBW:30KHz , VBW:300KHz
777	848.3	1.2814	RBW:30KHz , VBW:300KHz

Figure Channel 1013

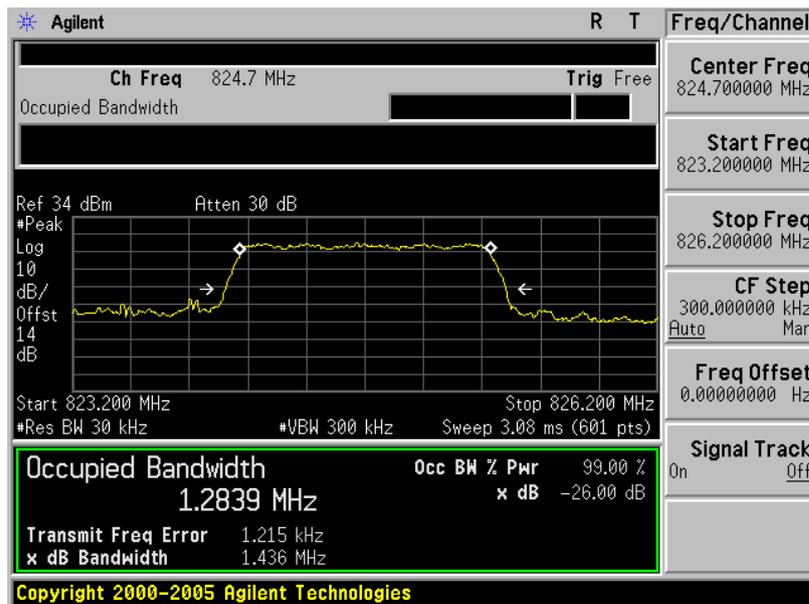


Figure Channel 384

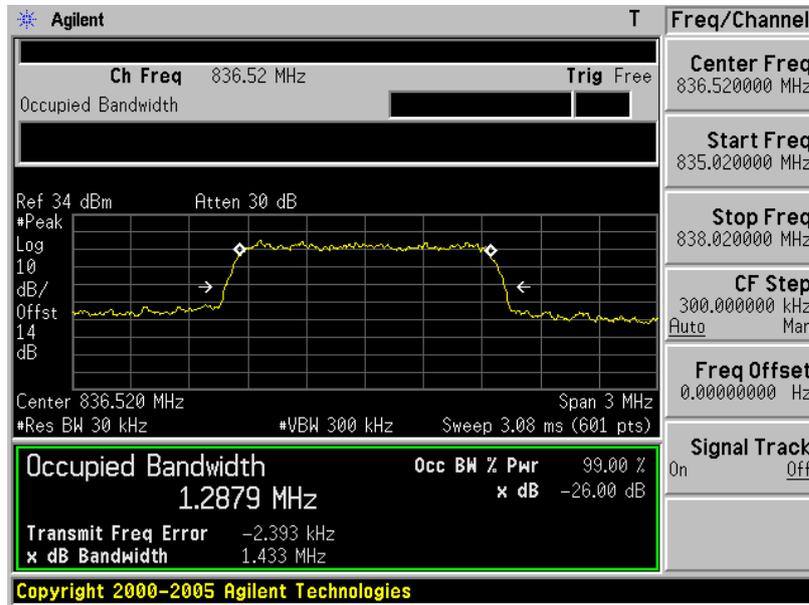
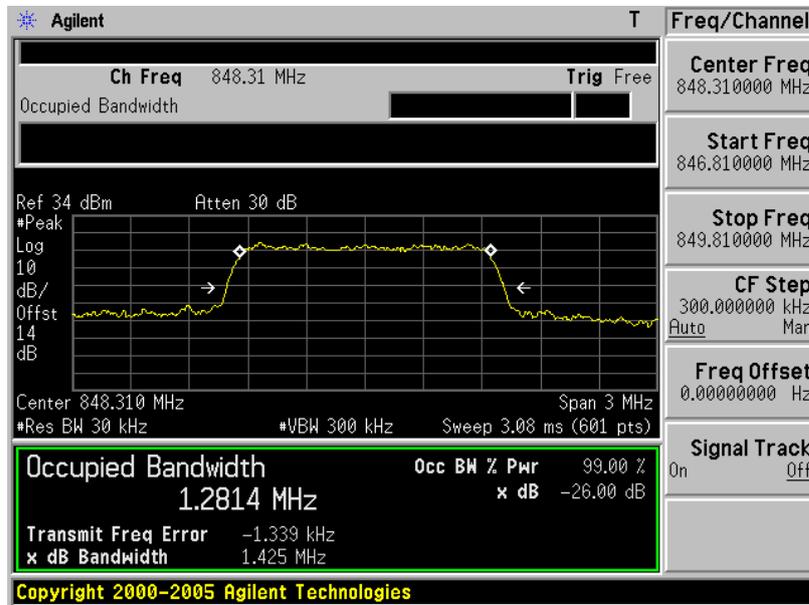


Figure Channel 777



Model Number	PG76200		
Test Item	Occupied Bandwidth		
Test Mode	Mode 8		
Date of Test	06/23/2011	Test Site	TE05
Channel No.	Frequency (MHz)	99% Bandwidth (kHz)	Note
25	1851.25	1.2822	RBW:30KHz , VBW:300KHz
600	1880.00	1.2856	RBW:30KHz , VBW:300KHz
1175	1908.75	1.2792	RBW:30KHz , VBW:300KHz

Figure Channel 25

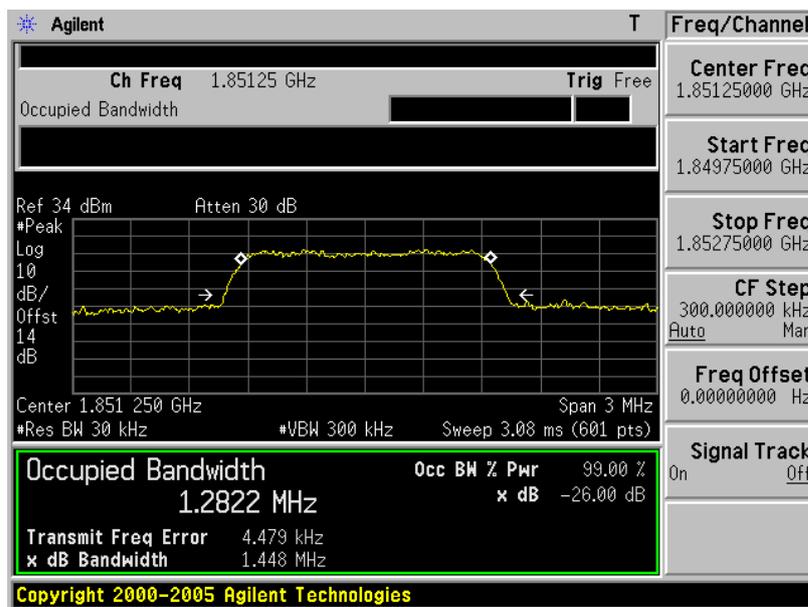


Figure Channel 660

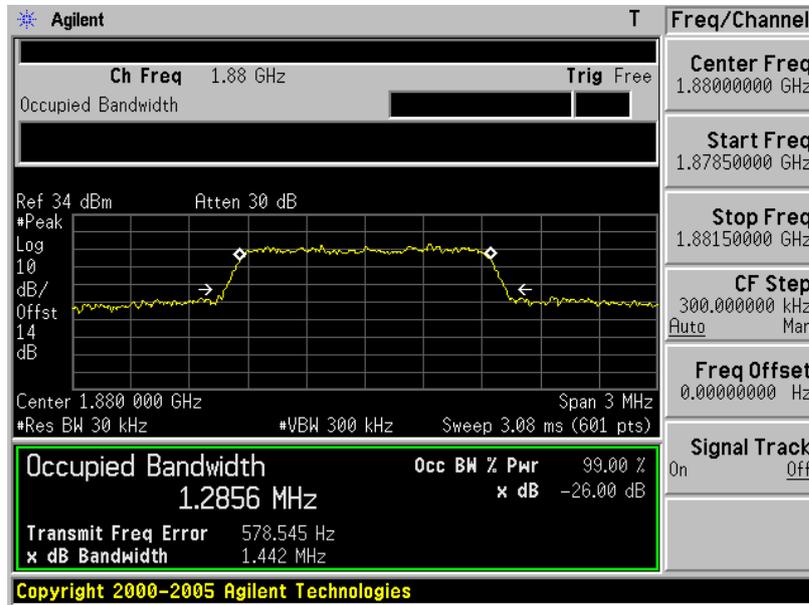
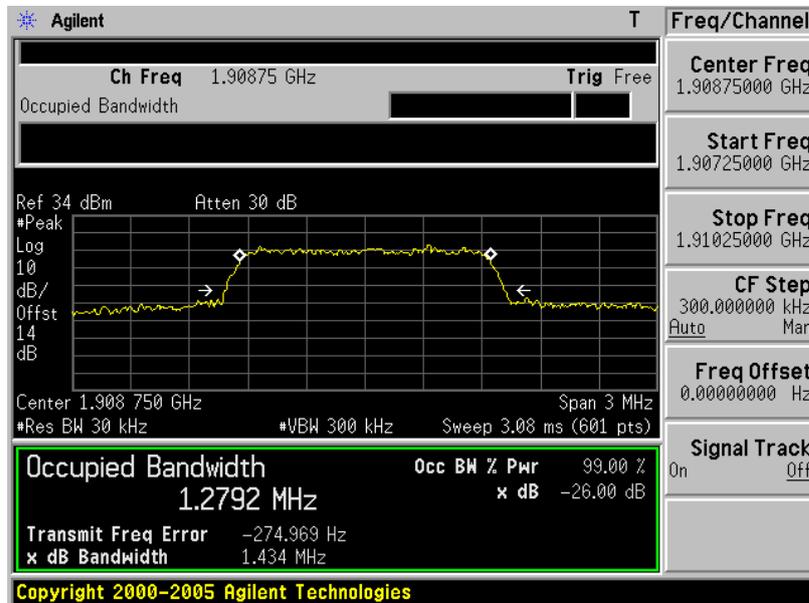
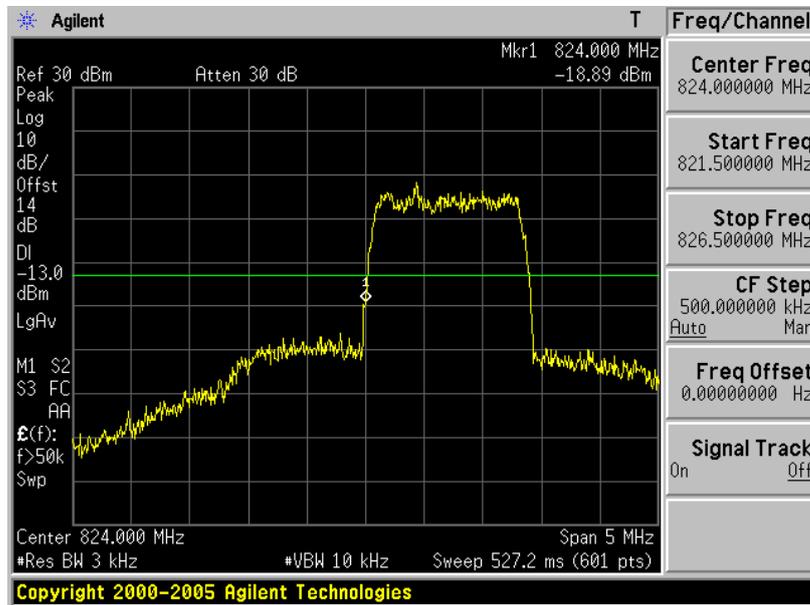
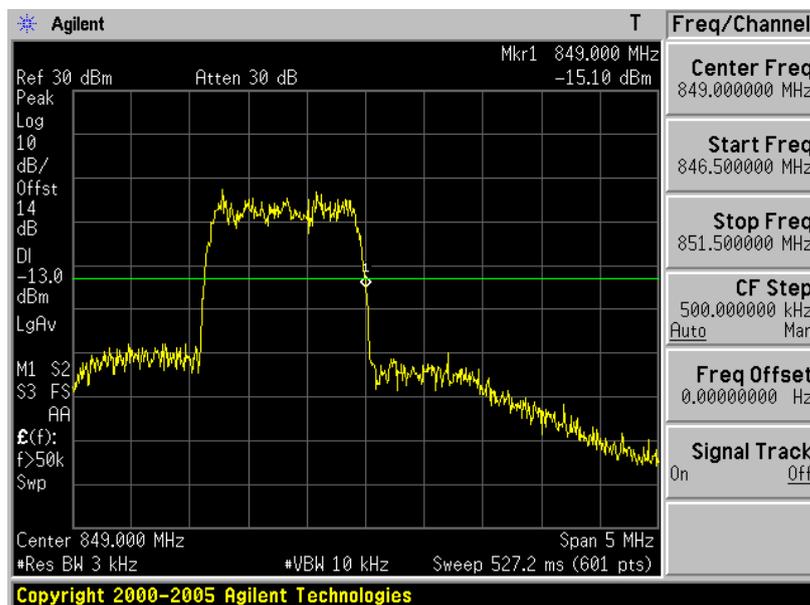


Figure Channel 1175



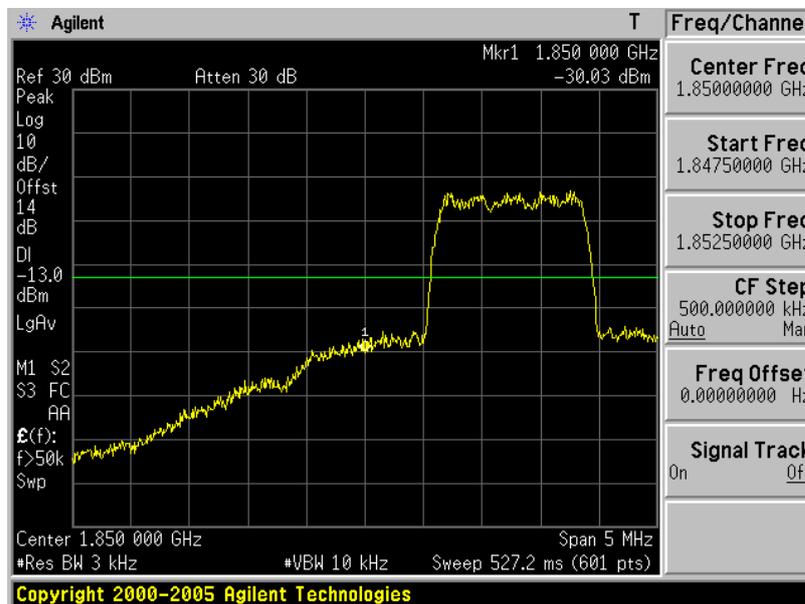
Band Edge

Model Number	PG76200				
Test Item	Band Edge				
Test Mode	Mode 7				
Date of Test	06/23/2011		Test Site	TE05	
Band	Channel	Frequency (MHz)	Bandwidth (dBm)	Limit (dBm)	Result
Lower	1013	824.0000	-18.89	-13	Pass
Higher	777	849.0000	-15.10	-13	Pass

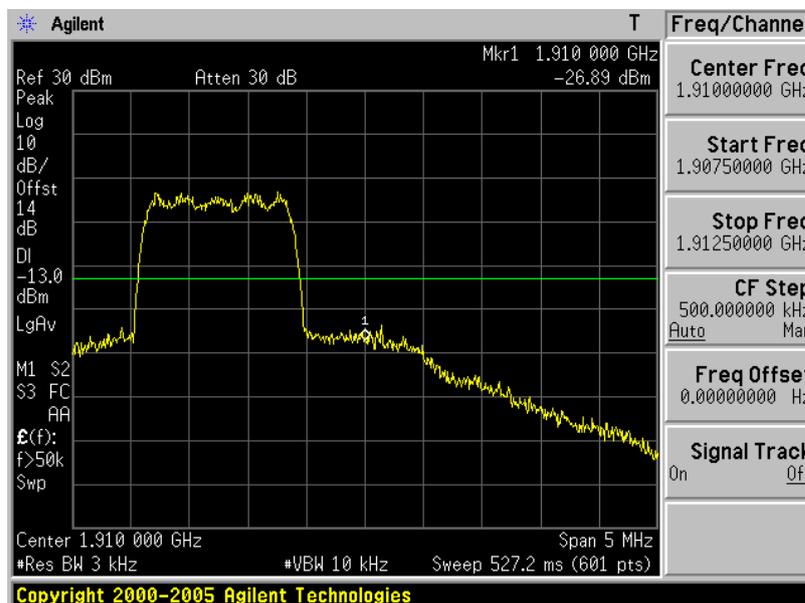
Lower Band

Higher Band


Model Number	PG76200				
Test Item	Band Edge				
Test Mode	Mode 8				
Date of Test	06/23/2011		Test Site	TE05	
Band	Channel	Frequency (MHz)	Bandwidth (dBm)	Limit (dBm)	Result
Lower	25	1850.000	-30.03	-13	Pass
Higher	1175	1910.000	-26.89	-13	Pass

Lower Band



Higher Band



5 Conducted Spurious Emission Test

5.1. Limit

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10\log(P)$ dB.

5.2. Test Instruments

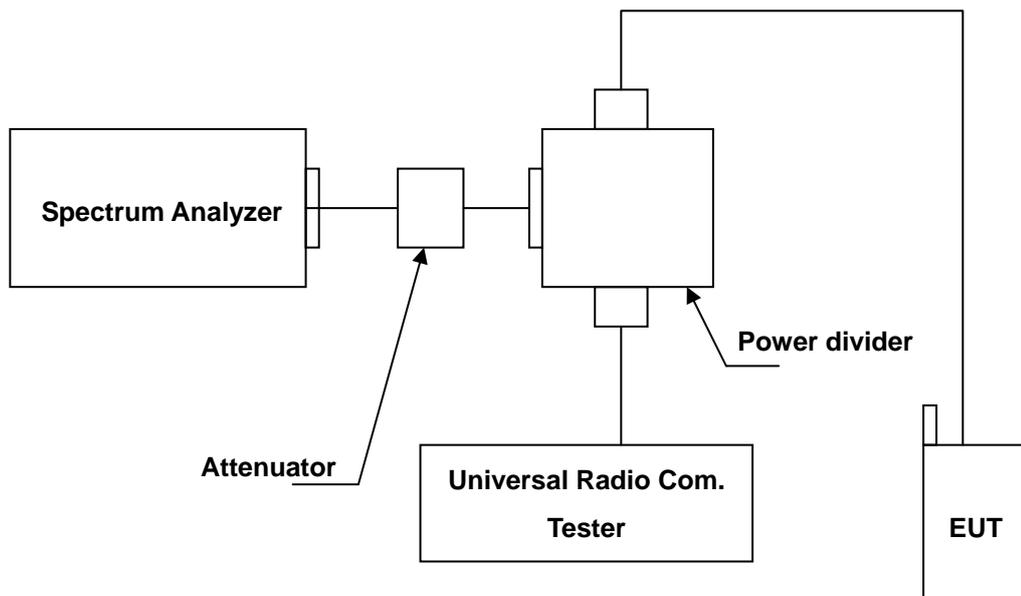
Describe	Manufacturer	Model No.	Serial No.	Cal. Date	Remark
Spectrum Analyzer	Agilent	E4445A	MY46181986	05/16/2011	(2)
Universal Radio Communication Tester	ROHDE & SCHWARZ	CMU200	109369	08/10/2010	(2)
Attenuator	RADIALL	R41572000	0603033073	N.C.R.	-----
Power divider	Agilent	87302C	3239A00760	N.C.R.	-----
Test Site	ATL	TE02	TE02	N.C.R.	-----

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

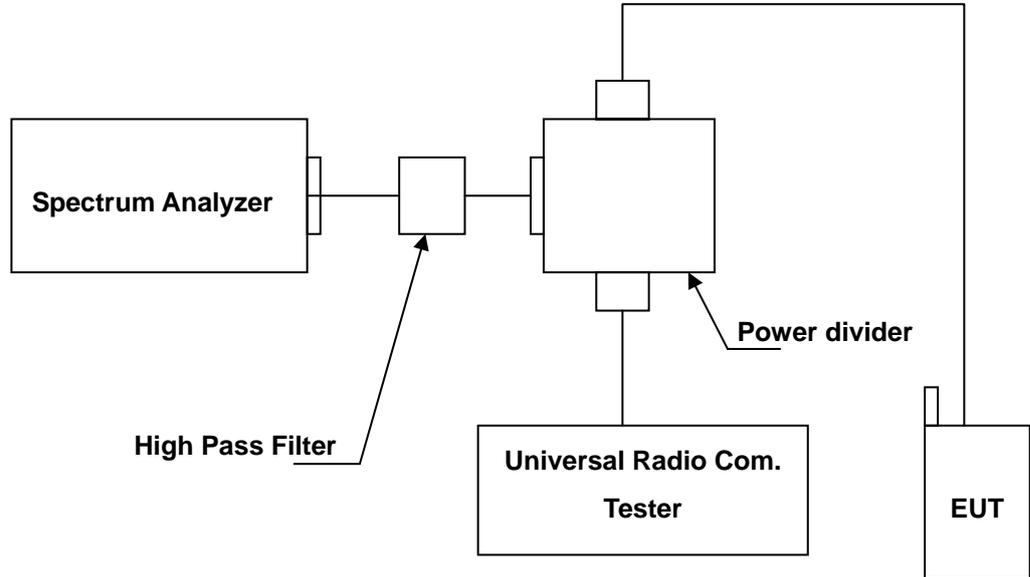
NOTE: N.C.R. = No Calibration Request.

5.3. Setup

Below 2.8GHz



Above 2.8GHz



5.4. Test Procedure

1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The middle channel for the highest RF power within the transmitting frequency was measured.
3. The conducted spurious emission for the whole frequency range was taken.
4. Test setting at GSM 850 RB>100 kHz, VB>100 kHz; PCS 1900 RB>1MHz, VB>1MHz.

5.5. Uncertainty

The measurement uncertainty is evaluated as ± 2.24 dB.

5.6. Test Result

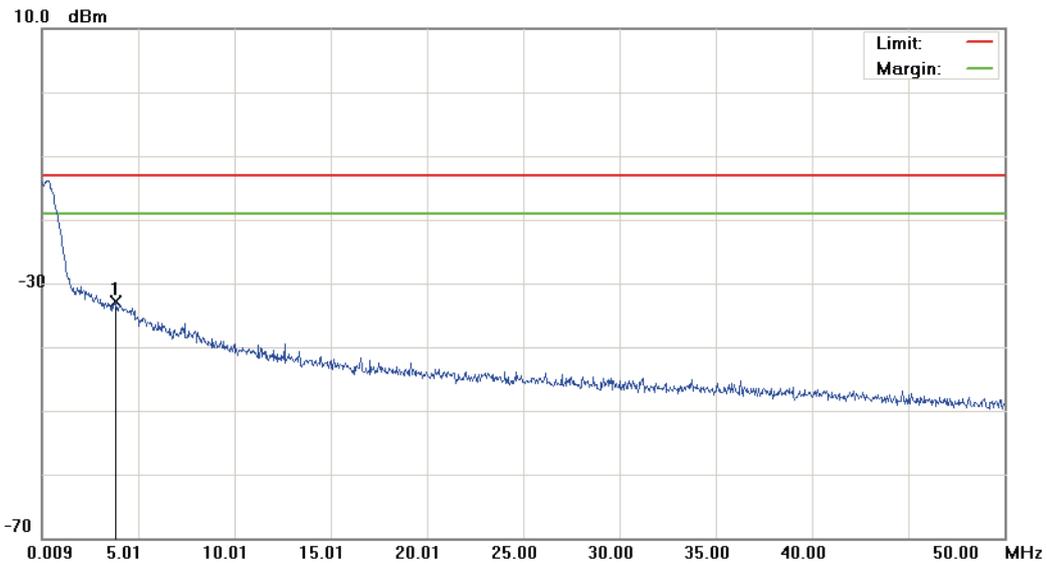
Model Number	PG76200		
Test Item	Conducted Spurious Emission		
Mode	Mode 7 / Mode 8		
Date of Test	06/23/2011	Test Site	TE02

File:PG76200(CH1013)

Data :#1

Date:2011/6/23

Time: 下午 04:36:30



Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 22 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 7		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	3.8582	-62.58	29.75	-32.83	-13.00	-19.83	peak		

*:Maximum data x:Over limit !:over margin

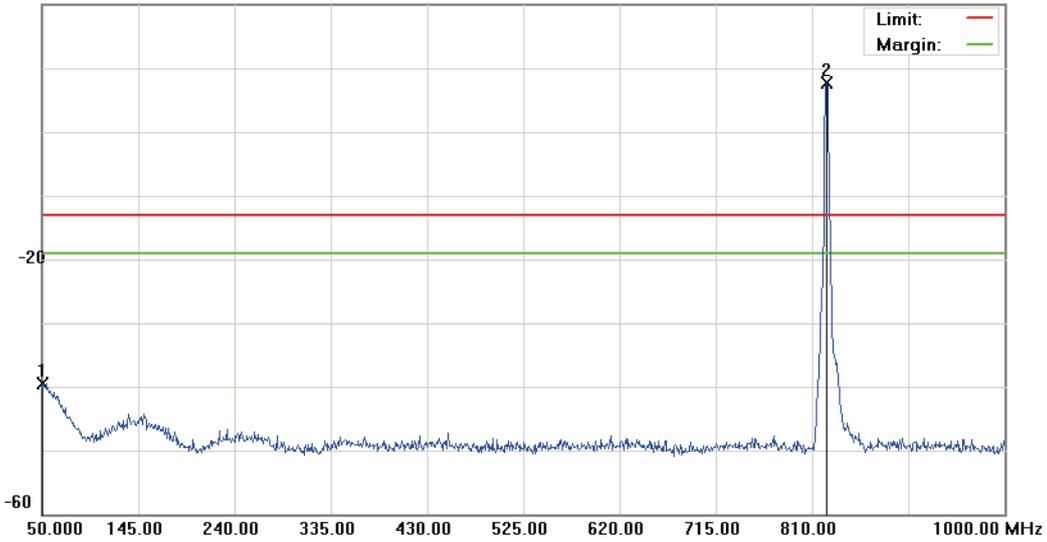
File: PG76200(CH1013)

Data :#2

Date: 2011/6/23

Time: 下午 04:36:54

20.0 dBm



Site: : RF Conducted

 Polarization: *Conducted po*

Temperature: 26 °C

Limit: FCC Part 22 conducted(9k-12.75G)

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Smartphone

Distance:

RBW: 1000 KHz VBW: 1000 KHz

M/N: PG76200

Mode: 7

Note:

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree degree	Comment
1		50.0000	-54.19	14.69	-39.50	-13.00	-26.50	peak		
2	*	824.2500	3.82	3.84	7.66	-13.00	20.66	peak		TX

*:Maximum data x:Over limit !:over margin

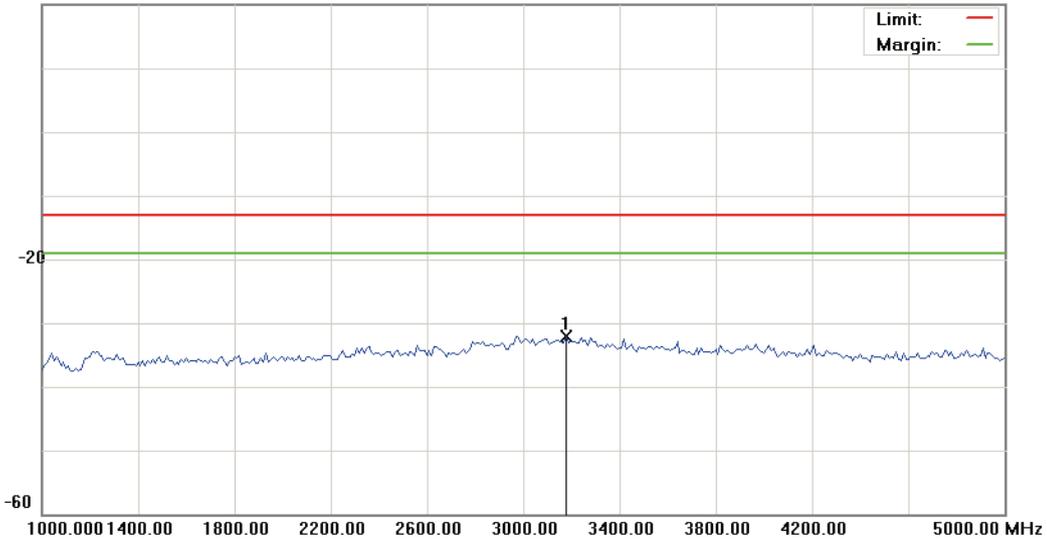
File: PG76200(CH1013)

Data :#3

Date: 2011/6/23

Time: 下午 04:46:36

20.0 dBm



Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 22 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 7		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	3180.000	-36.64	4.62	-32.02	-13.00	-19.02	peak		

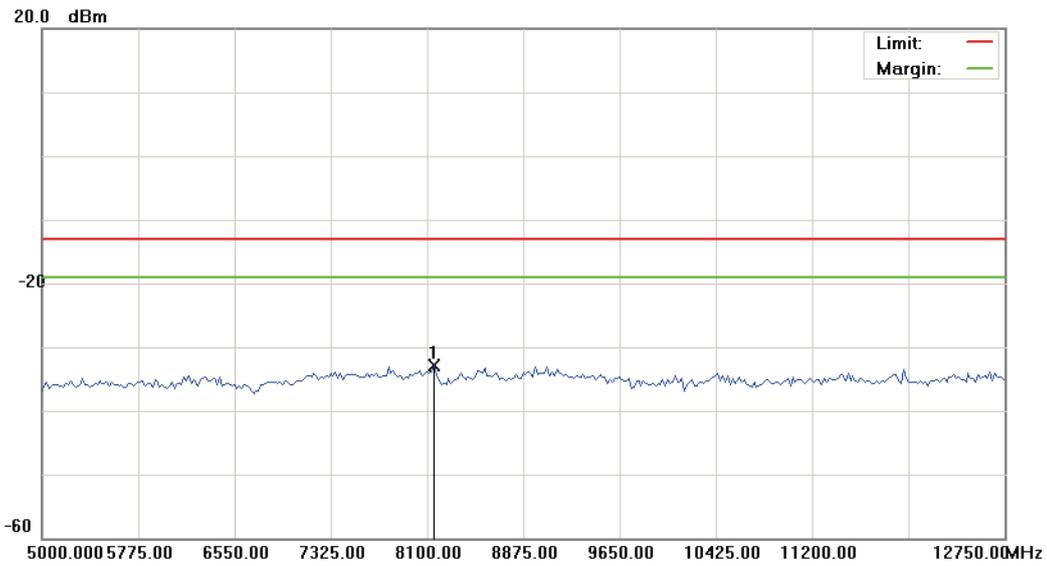
*:Maximum data x:Over limit !:over margin

File: PG76200(CH1013)

Data :#4

Date: 2011/6/23

Time: 下午 04:47:02

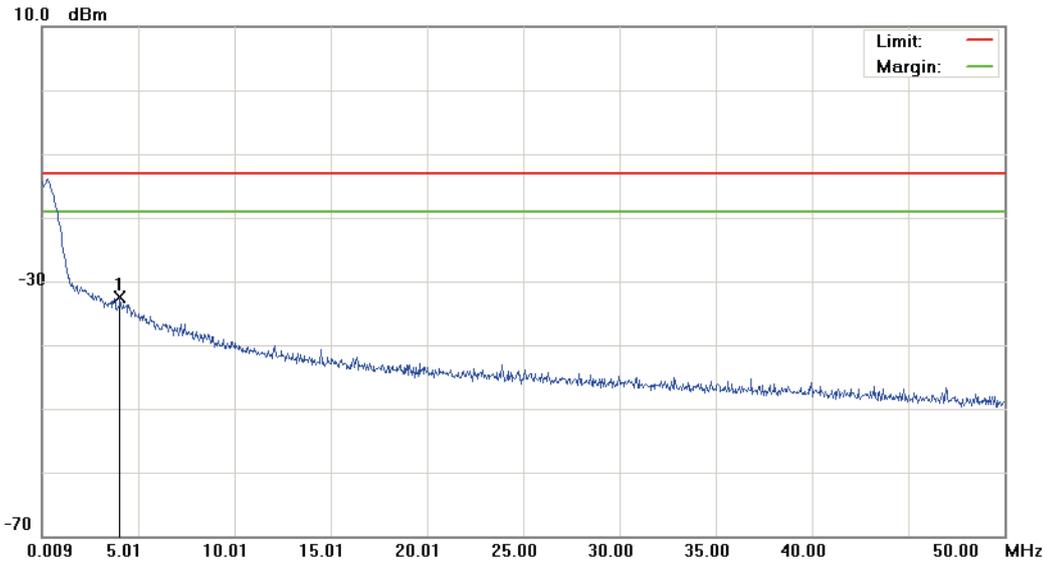


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 22 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 7		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	8158.125	-38.61	5.65	-32.96	-13.00	-19.96	peak		

*:Maximum data x:Over limit !:over margin

File:PG76200(CH384) Data :#1 Date:2011/6/23 Time: 下午 04:38:36

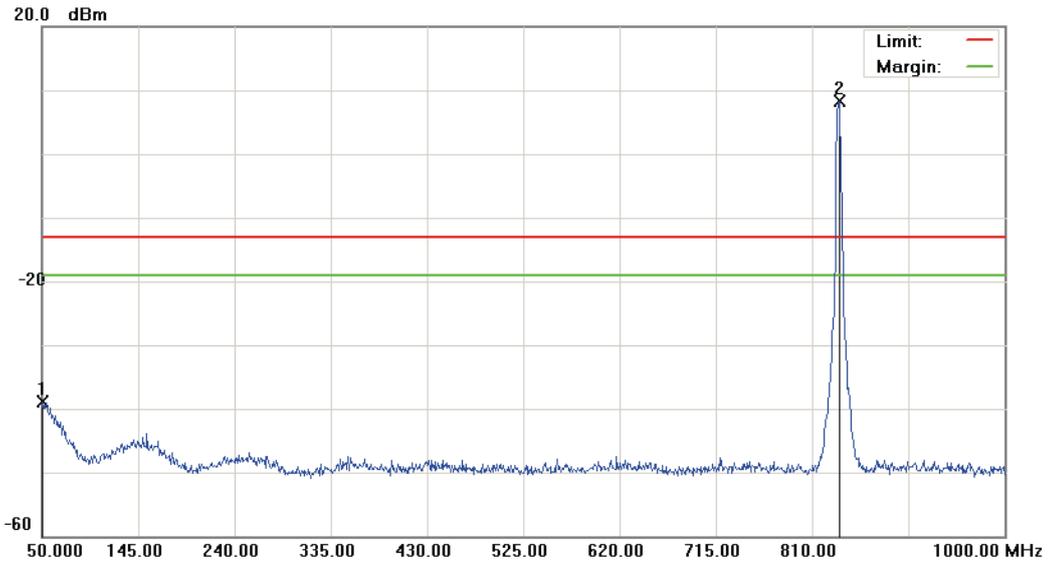


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 22 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 7		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	4.0583	-61.94	29.53	-32.41	-13.00	-19.41	peak		

*:Maximum data x:Over limit !:over margin

File:PG76200(CH384) Data :#2 Date:2011/6/23 Time: 下午 04:39:00

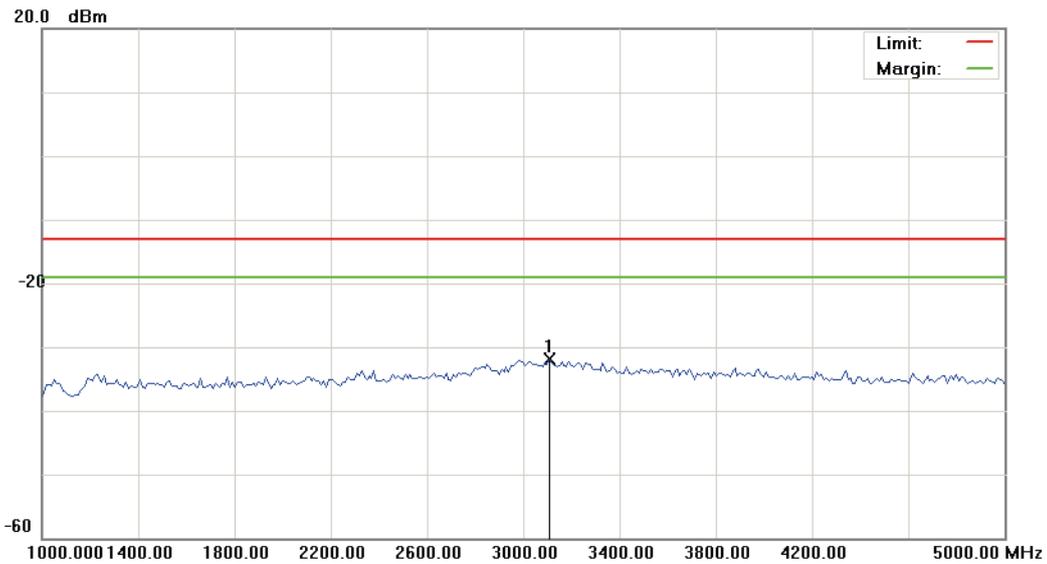


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 22 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 7		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree degree	Comment
1		50.9500	-53.51	14.52	-38.99	-13.00	-25.99	peak		TX
2	*	837.0750	4.32	3.96	8.28	-13.00	21.28	peak		

*:Maximum data x:Over limit !:over margin

File: PG76200(CH384) Data :#3 Date: 2011/6/23 Time: 下午 04:48:10

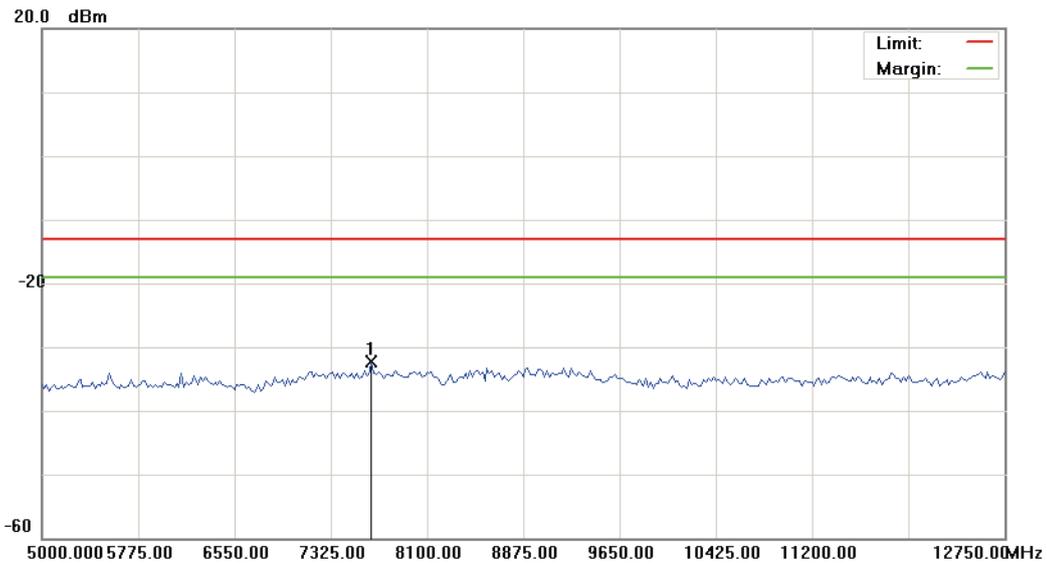


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 22 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 7		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	3110.000	-36.48	4.56	-31.92	-13.00	-18.92	peak		

*:Maximum data x:Over limit !:over margin

File: PG76200(CH384) Data :#4 Date: 2011/6/23 Time: 下午 04:48:36

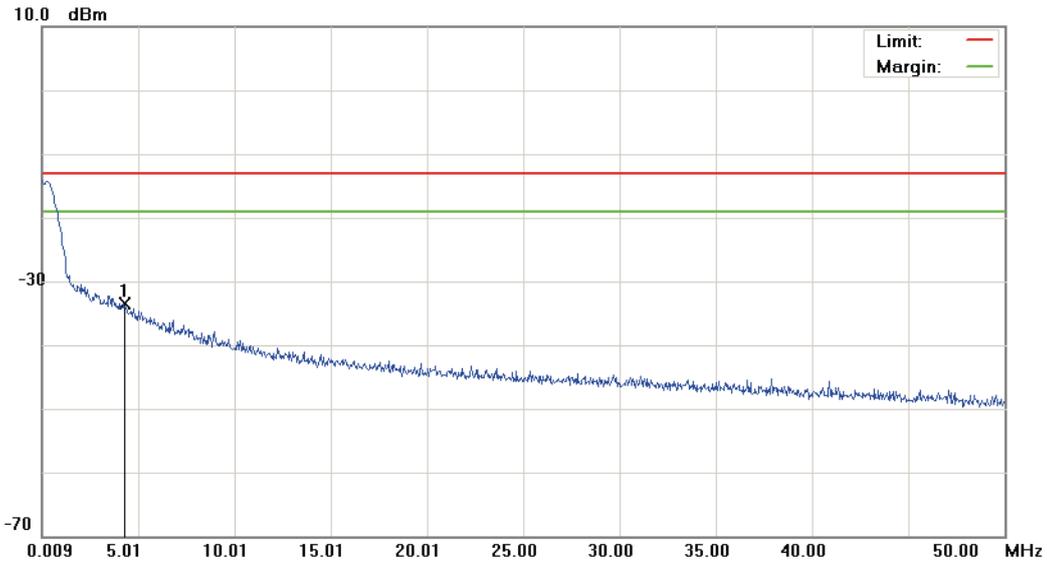


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 22 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 7		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	7654.375	-37.46	5.10	-32.36	-13.00	-19.36	peak		

*:Maximum data x:Over limit !:over margin

File:PG76200(CH777) Data :#1 Date:2011/6/23 Time: 下午 04:40:49

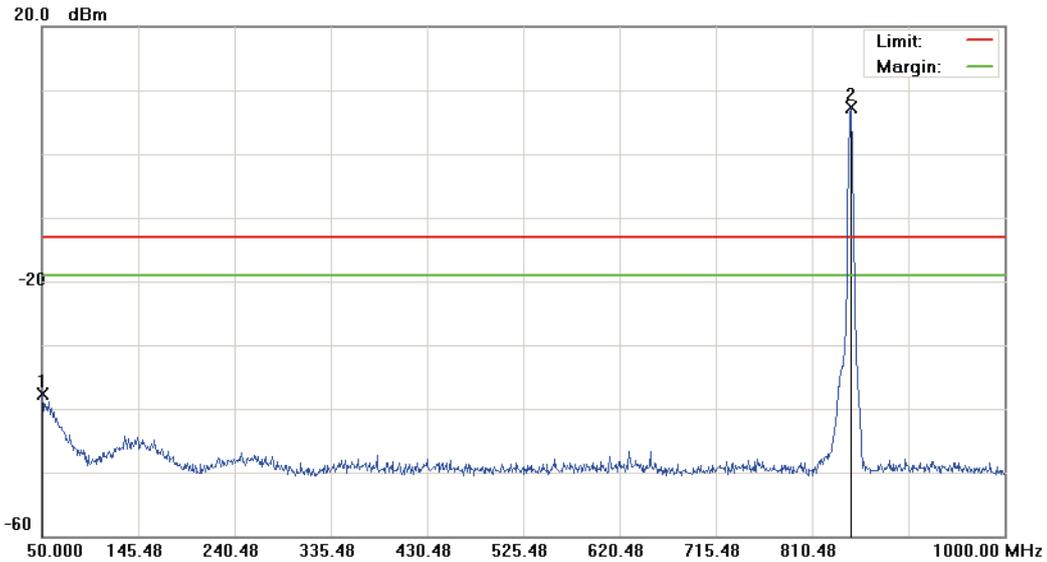


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 22 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 7		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	4.2831	-62.69	29.28	-33.41	-13.00	-20.41	peak		

*:Maximum data x:Over limit !:over margin

File: PG76200(CH777) Data :#2 Date: 2011/6/23 Time: 下午 04:41:14

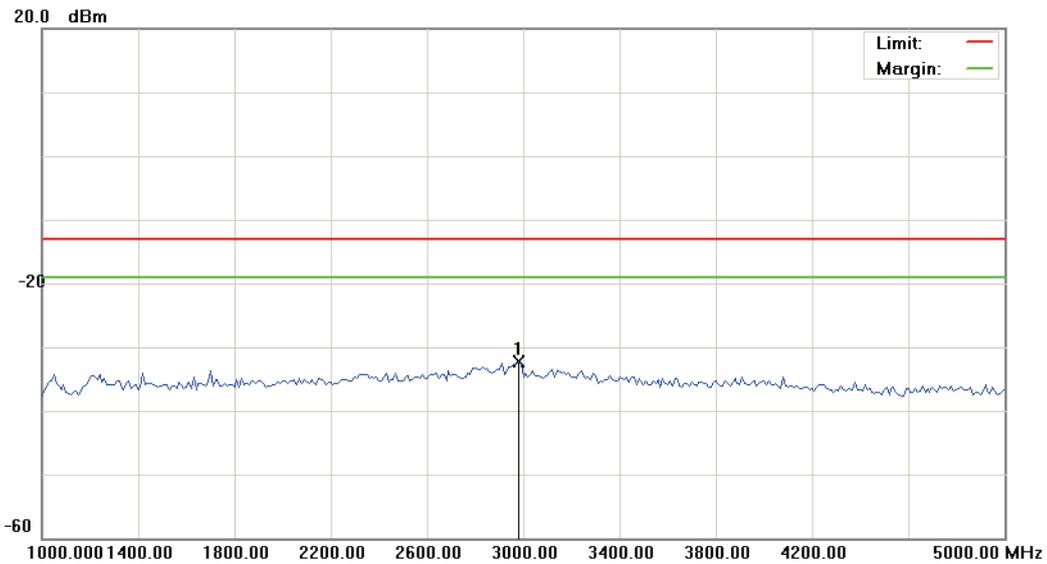


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 22 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 7		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree degree	Comment
1		50.9500	-52.12	14.52	-37.60	-13.00	-24.60	peak		
2	*	848.9500	3.33	3.98	7.31	-13.00	20.31	peak		TX

*:Maximum data x:Over limit !:over margin

File: PG76200(CH777) Data :#3 Date: 2011/6/23 Time: 下午 04:49:39

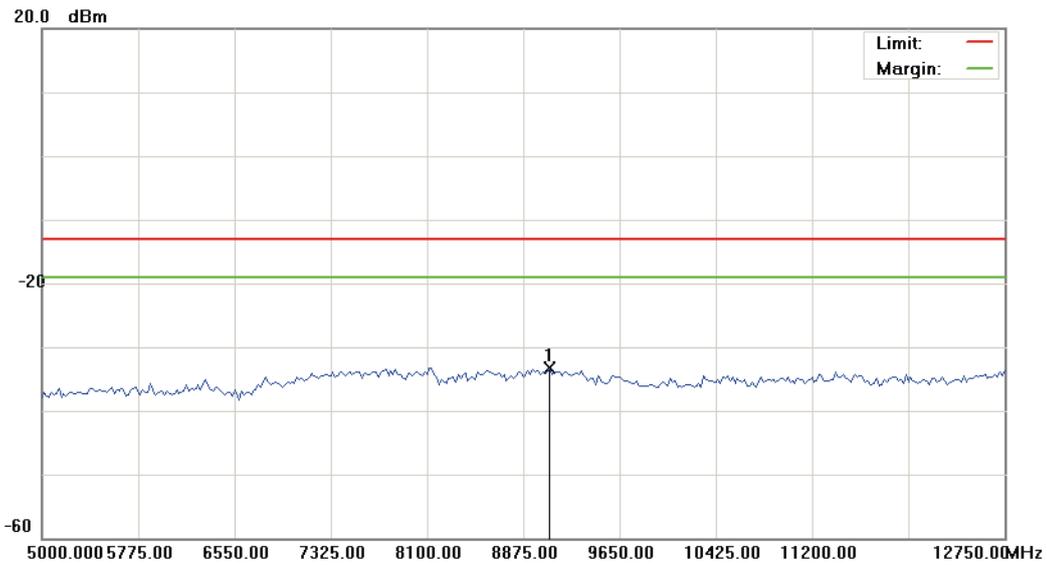


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 22 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 7		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	2980.000	-36.83	4.54	-32.29	-13.00	-19.29	peak		

*:Maximum data x:Over limit !:over margin

File: PG76200(CH777) Data :#4 Date: 2011/6/23 Time: 下午 04:50:04



Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 22 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 7		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	9088.125	-38.70	5.46	-33.24	-13.00	-20.24	peak		

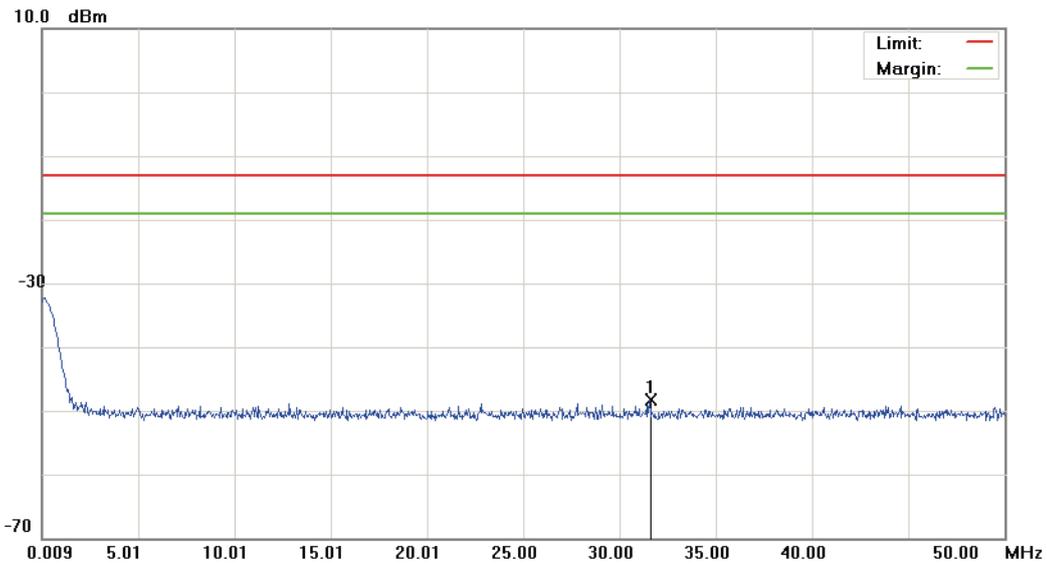
*:Maximum data x:Over limit !:over margin

File: PG76200(CH1175)

Data :#1

Date: 2011/6/23

Time: 下午 04:26:14



Site: : RF Conducted

 Polarization: *Conducted po*

Temperature: 26 °C

Limit: FCC Part 24 conducted(9k-12.75G)

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Smartphone

Distance:

RBW: 1000 KHz VBW: 1000 KHz

M/N: PG76200

Mode: 8

Note:

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	31.5782	-61.64	13.31	-48.33	-13.00	-35.33	peak		

*:Maximum data x:Over limit !:over margin

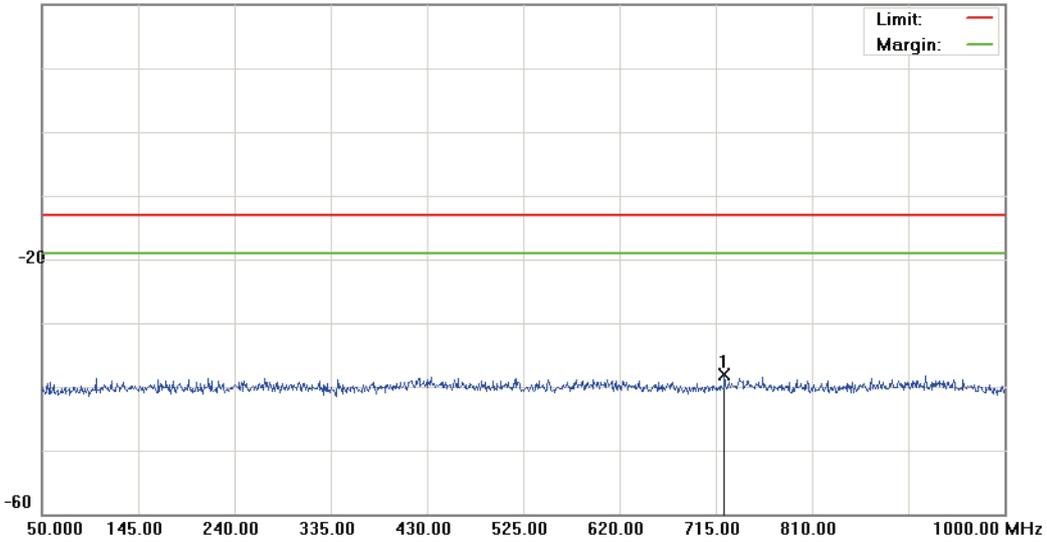
File: PG76200(CH1175)

Data :#2

Date: 2011/6/23

Time: 下午 04:26:38

20.0 dBm



Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 24 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 8		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	723.5500	-51.17	13.13	-38.04	-13.00	-25.04	peak		

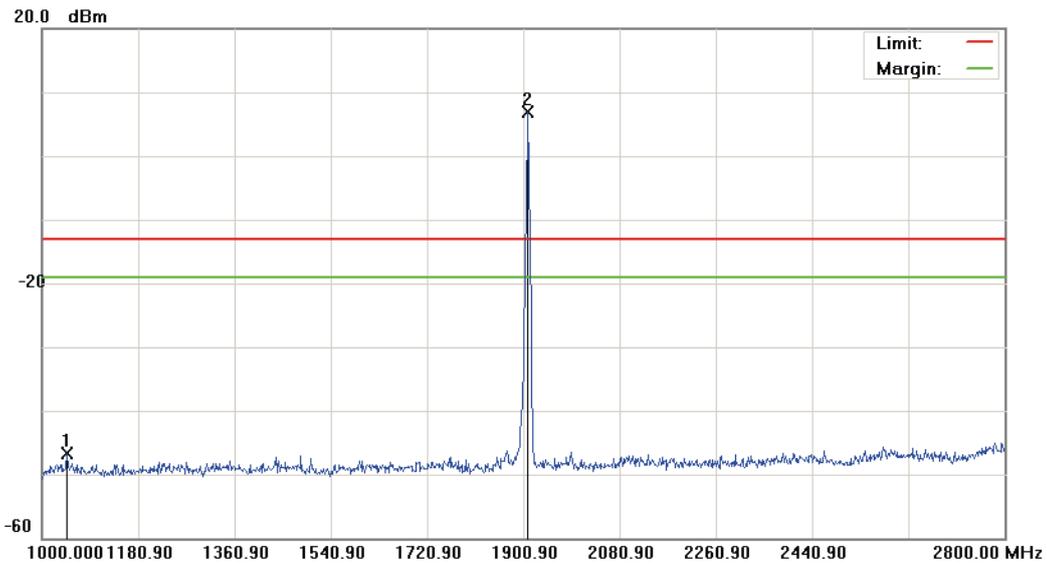
*:Maximum data x:Over limit !:over margin

File: PG76200(CH1175)

Data :#3

Date: 2011/6/23

Time: 下午 04:28:48



Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 24 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 8		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree degree	Comment
1		1046.800	-50.97	4.25	-46.72	-13.00	-33.72	peak		
2	*	1909.000	1.02	5.80	6.82	-13.00	19.82	peak		TX

*:Maximum data x:Over limit !:over margin

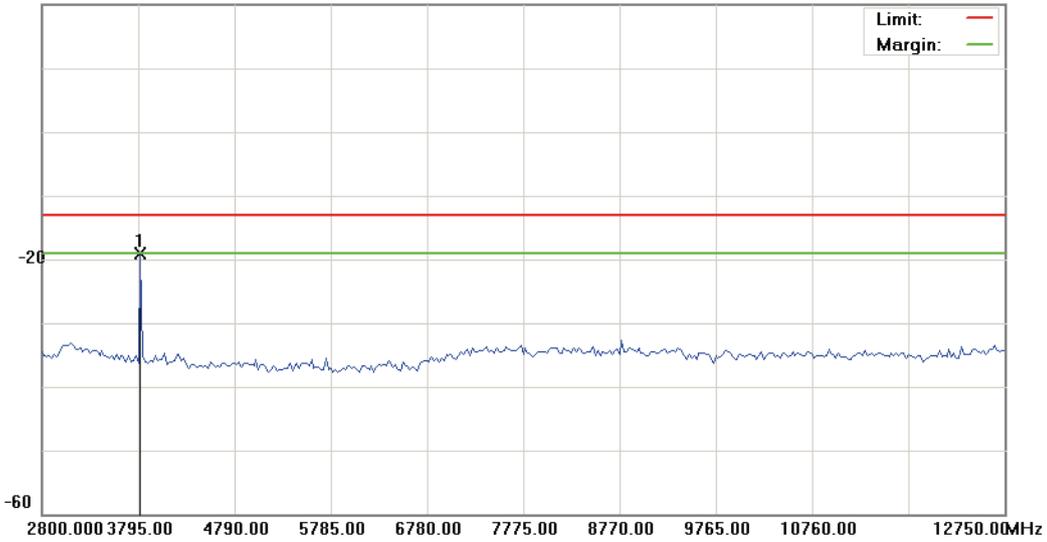
File: PG76200(CH1175)

Data :#4

Date: 2011/6/23

Time: 下午 04:57:02

20.0 dBm



Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 24 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 8		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	3819.875	-23.91	4.91	-19.00	-13.00	-6.00	peak		

*:Maximum data x:Over limit !:over margin

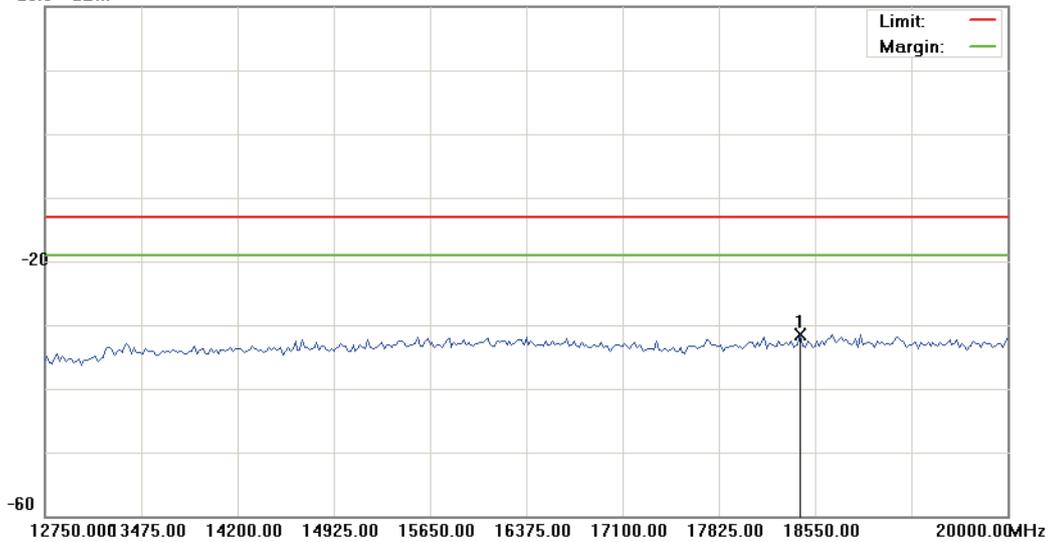
File: PG76200(CH1175)

Data :#5

Date: 2011/6/23

Time: 下午 04:57:27

20.0 dBm



Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 24 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 8		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	18441.250	-38.47	6.99	-31.48	-13.00	-18.48	peak		

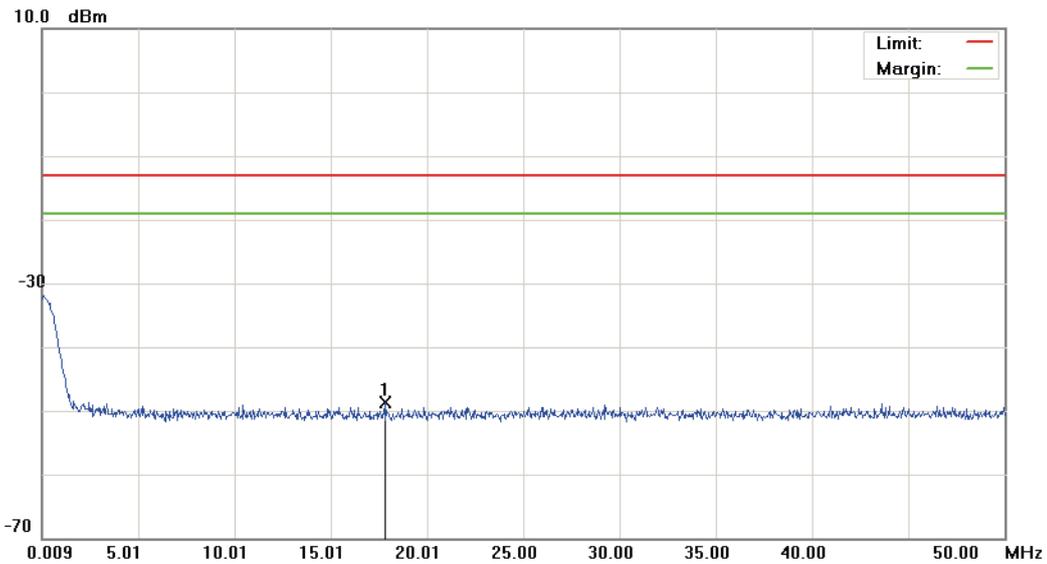
*:Maximum data x:Over limit !:over margin

File: PG76200(CH25)

Data :#1

Date: 2011/6/23

Time: 下午 04:22:56

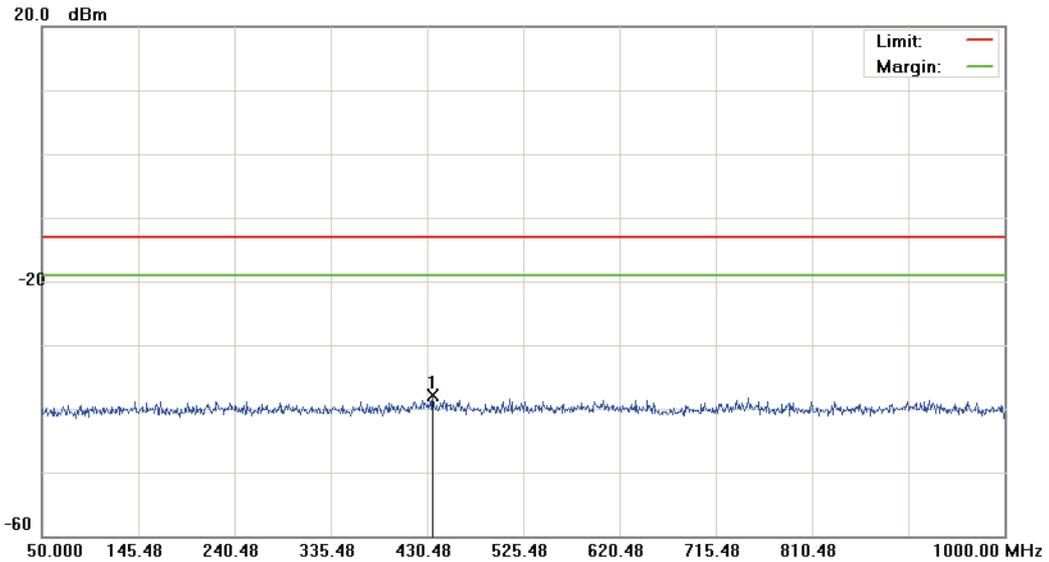


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 24 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 8		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	17.8557	-62.06	13.28	-48.78	-13.00	-35.78	peak		

*:Maximum data x:Over limit !:over margin

File: PG76200(CH25) Data :#2 Date: 2011/6/23 Time: 下午 04:23:21



Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 24 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 8		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	435.7000	-51.09	13.24	-37.85	-13.00	-24.85	peak		

*:Maximum data x:Over limit !:over margin

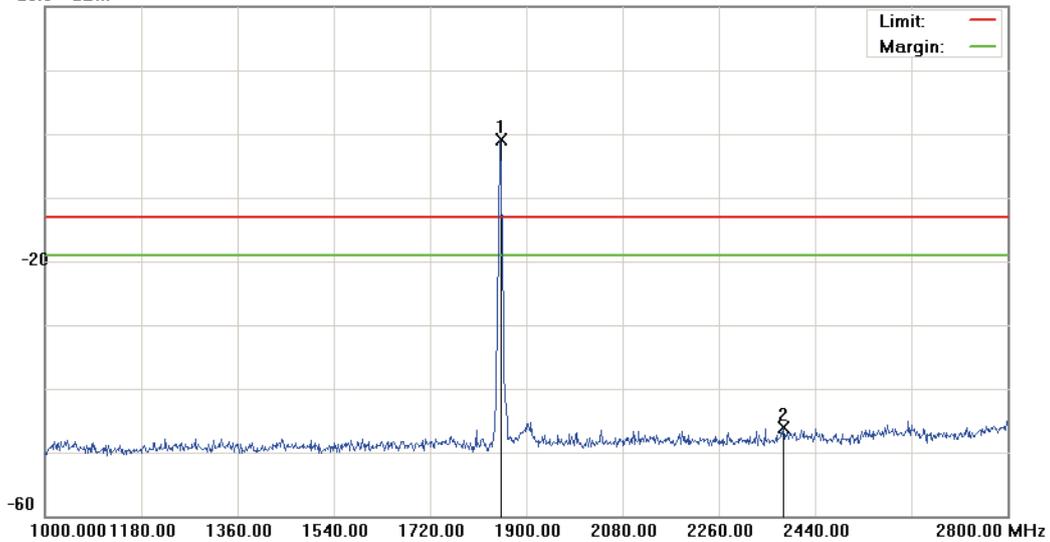
File: PG76200(CH25)

Data :#3

Date: 2011/6/23

Time: 下午 04:32:12

20.0 dBm



Site: : RF Conducted

 Polarization: *Conducted po*

Temperature: 26 °C

Limit: FCC Part 24 conducted(9k-12.75G)

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Smartphone

Distance:

RBW: 1000 KHz VBW: 1000 KHz

M/N: PG76200

Mode: 8

Note:

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	1852.300	-5.11	4.27	-0.84	-13.00	12.16	peak		TX
2		2380.600	-50.92	4.91	-46.01	-13.00	-33.01	peak		

*:Maximum data x:Over limit !:over margin

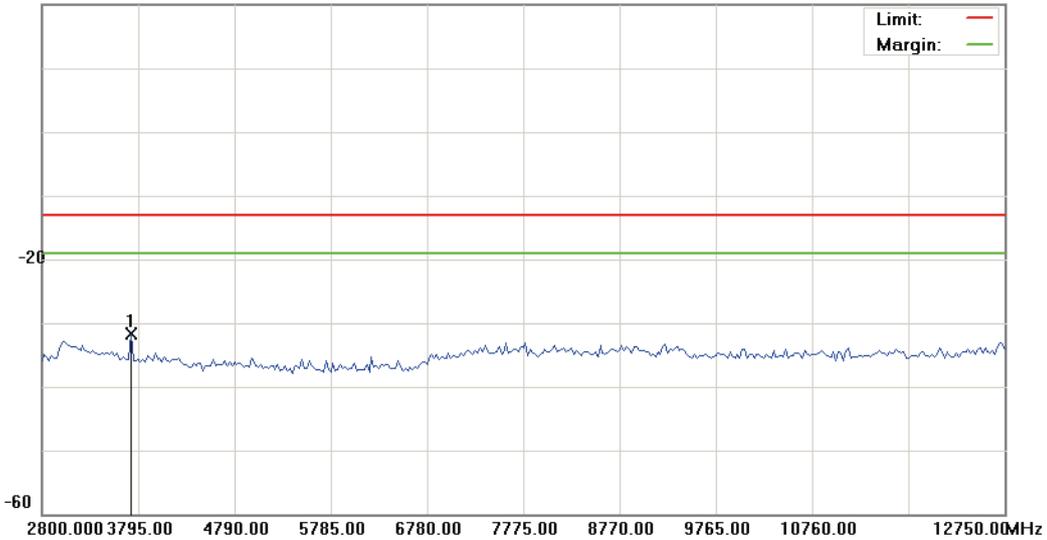
File: PG76200(CH25)

Data :#4

Date: 2011/6/23

Time: 下午 04:52:40

20.0 dBm

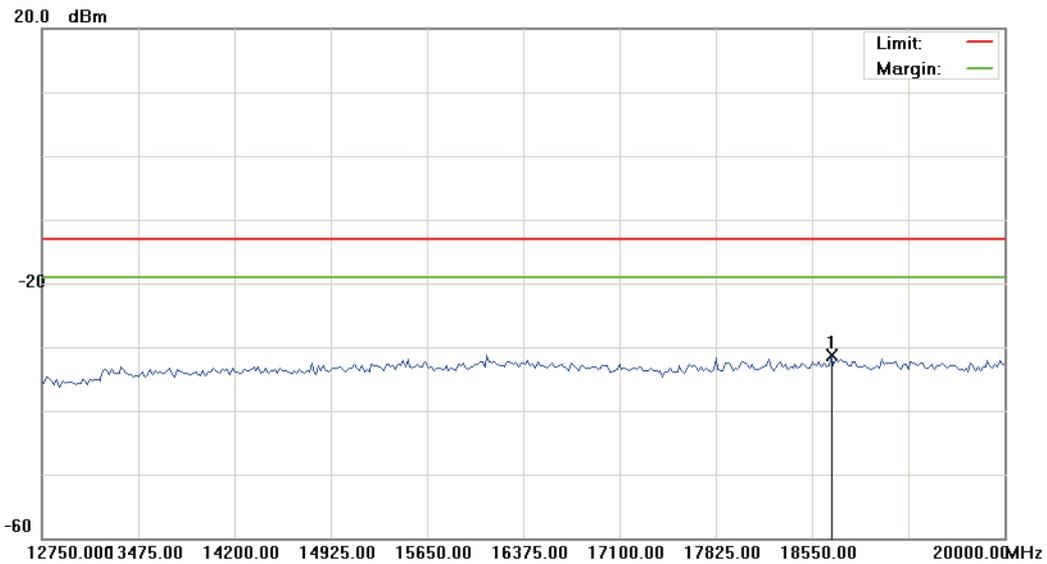


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 24 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 8		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	3720.375	-36.67	4.88	-31.79	-13.00	-18.79	peak		

*:Maximum data x:Over limit !:over margin

File: PG76200(CH25) Data :#5 Date: 2011/6/23 Time: 下午 04:53:05

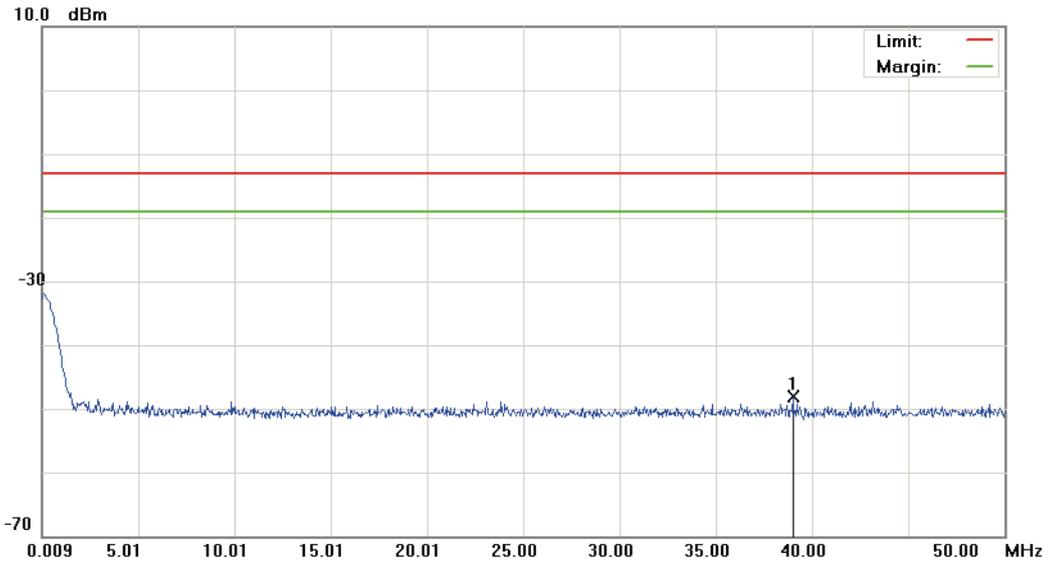


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 24 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 8		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	18695.000	-38.31	7.07	-31.24	-13.00	-18.24	peak		

*:Maximum data x:Over limit !:over margin

File: PG76200(CH600) Data :#1 Date: 2011/6/23 Time: 下午 04:24:40

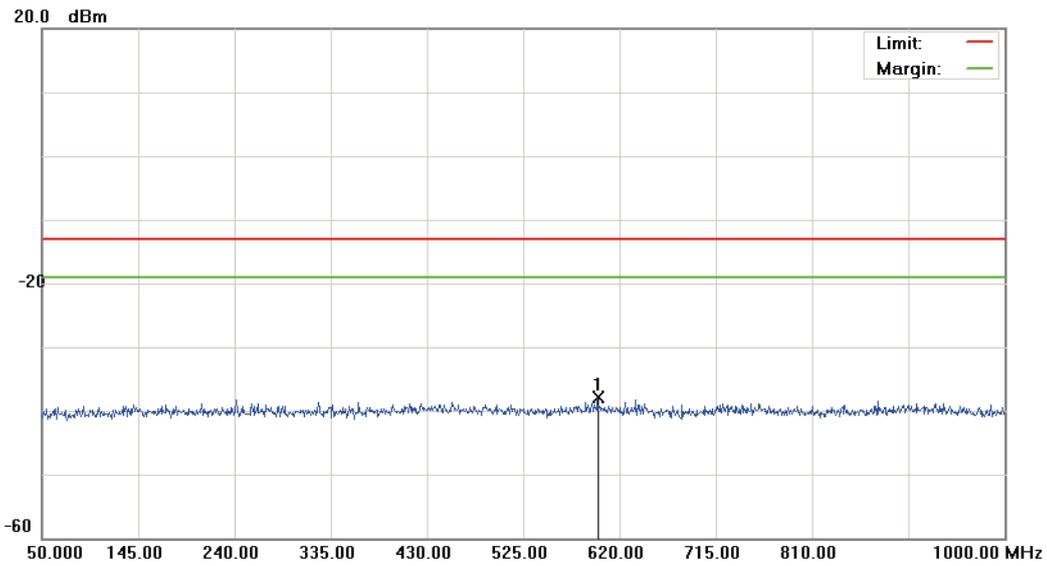


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 24 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 8		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	39.0020	-61.42	13.29	-48.13	-13.00	-35.13	peak		

*:Maximum data x:Over limit !:over margin

File: PG76200(CH600) Data :#2 Date: 2011/6/23 Time: 下午 04:25:04

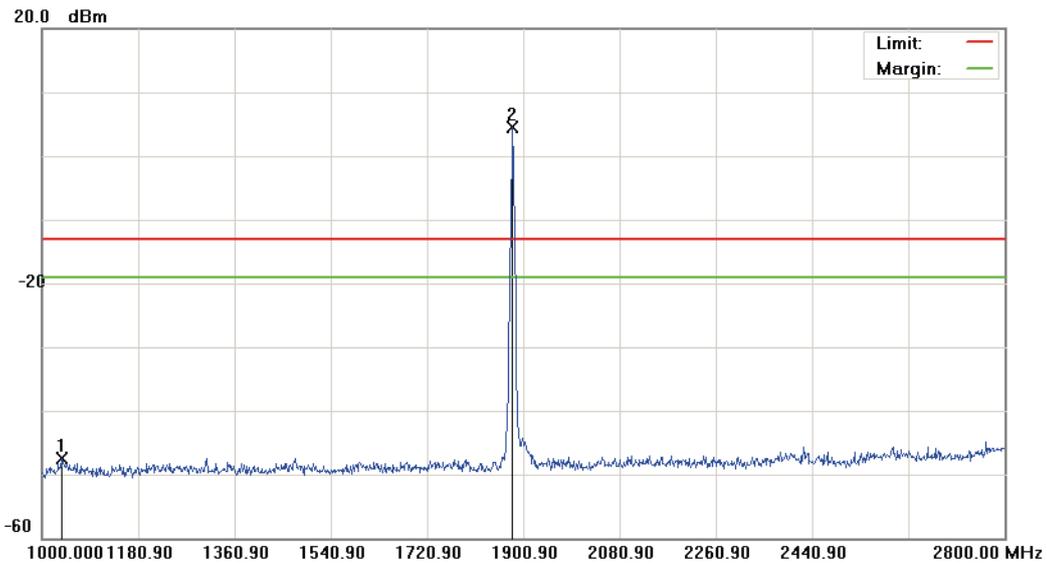


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 24 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 8		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	598.6250	-51.17	13.19	-37.98	-13.00	-24.98	peak		

*:Maximum data x:Over limit !:over margin

File: PG76200(CH600) Data :#3 Date: 2011/6/23 Time: 下午 04:30:11

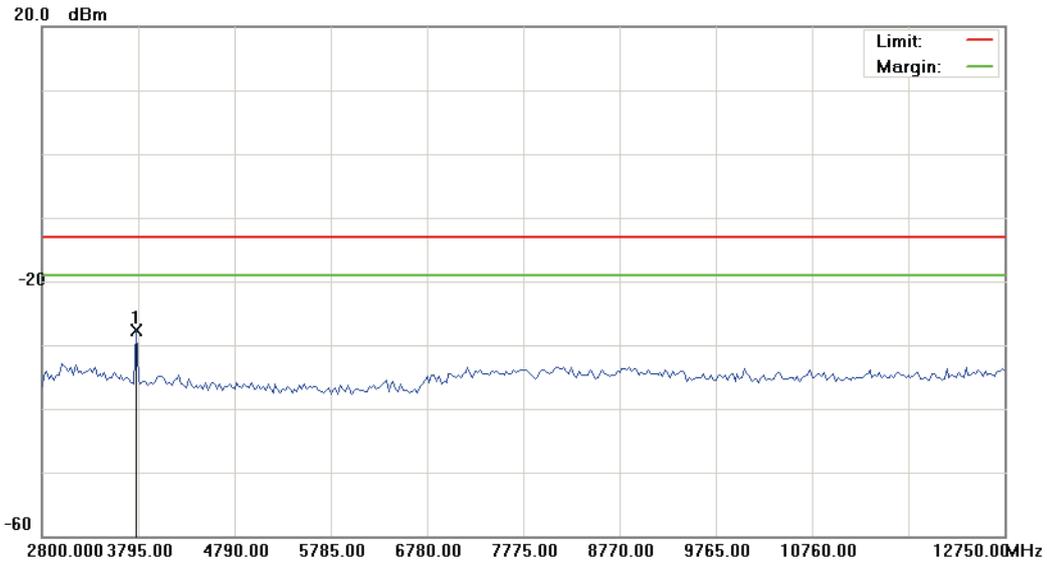


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 24 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 8		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree degree	Comment
1		1036.900	-51.78	4.35	-47.43	-13.00	-34.43	peak		
2	*	1880.200	-0.10	4.65	4.55	-13.00	17.55	peak		TX

*:Maximum data x:Over limit !:over margin

File: PG76200(CH600) Data :#4 Date: 2011/6/23 Time: 下午 04:54:03

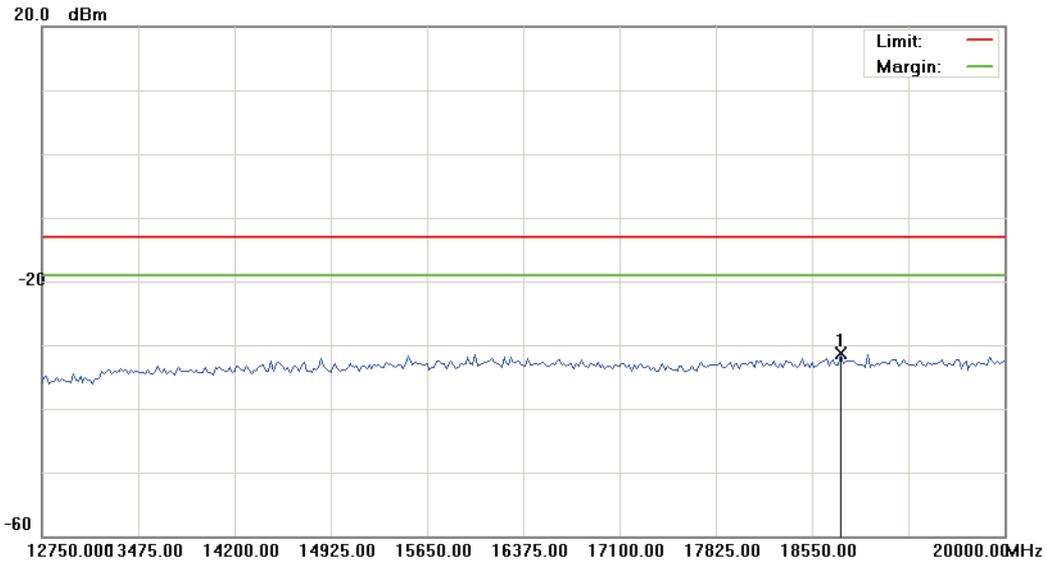


Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 24 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 8		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Comment
1	*	3770.125	-32.68	4.93	-27.75	-13.00	-14.75	peak		

*:Maximum data x:Over limit !:over margin

File: PG76200(CH600) Data :#5 Date: 2011/6/23 Time: 下午 04:54:28



Site: : RF Conducted	Polarization: <i>Conducted po</i>	Temperature: 26 °C
Limit: FCC Part 24 conducted(9k-12.75G)	Power: AC 120V/60Hz	Humidity: 55 %
EUT: Smartphone	Distance:	RBW: 1000 KHz VBW: 1000 KHz
M/N: PG76200		
Mode: 8		
Note:		

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree	Detector	Comment
1	*	18767.500	-38.32	7.09	-31.23	-13.00	-18.23			peak	

*:Maximum data x:Over limit !:over margin

6 Field Strength of Spurious Radiation Test

6.1. Limit

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10\log(P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

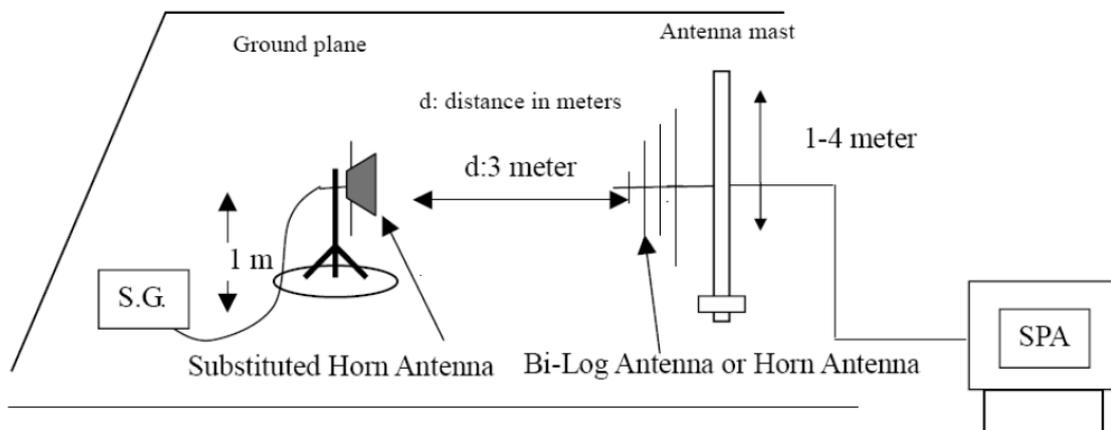
6.2. Test Instruments

3 Meter Chamber					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Remark
RF Pre-selector	Agilent	N9039A	MY46520256	01/18/2011	(2)
Spectrum Analyzer	Agilent	E4446A	MY46180578	01/18/2011	(1)
Pre Amplifier	Agilent	8449B	3008A02237	02/23/2011	(1)
Pre Amplifier	Agilent	8447D	2944A10961	02/23/2011	(1)
Broadband Antenna (30MHz~1GHz)	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	9163-270	08/02/2010	(1)
Horn Antenna (1~18GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	06/29/2010	(1)
Horn Antenna (18~40GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	06/29/2010	(1)
Test Site	ATL	TE01	888001	07/30/2010	(1)

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

NOTE: N.C.R. = No Calibration Request.

6.3. Setup



6.4. Test Procedure

The measurement is made according to ANSI/TIA-603-C-2004 as follows:

The equipment under test is placed inside the semi-anechoic chamber on a wooden table at the turntable center. For each spurious frequency, the antenna mast is raised and lowered from 1 to 4 meters and the turntable is rotated 360 degrees to obtain a maximum reading on the spectrum analyzer. This is repeated for both horizontal and vertical polarizations of the receive antenna.

The equipment under test is then replaced with a substitution antenna fed by a signal generator. With the signal generator tuned to a particular spurious frequency, the antenna mast is raised and lowered from 1 to 4 meters to obtain a maximum reading at the spectrum analyzer. The output of the signal generator is then adjusted until a reading identical to that obtained with the actual transmitter is achieved.

The power in dBm of each spurious emission is calculated by correcting the signal generator level for cable loss and gain of the substitution antenna referenced to a dipole. A fully charged battery was used for the supply voltage.

The settings of the receiver were as follows:

Units	dBm
Resolution Bandwidth	1 MHz
Video Bandwidth	Auto
Sweep Time	Auto

The field strength of spurious emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in **lie-down position (X axis)** and the worst case was recorded.

6.5. Uncertainty

The measurement uncertainty is defined as for Field Strength of Spurious Radiation measurement is ± 3.072 dB.

6.6. Test Result

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model:	PG76200	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 7	Date:	06/27/2011
Frequency:	824.7 MHz	Test By:	Gary Wu

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	42.5000	-81.40	9.19	-72.21	-13.00	-59.21	peak	H
2	157.5000	-82.36	0.67	-81.69	-13.00	-68.69	peak	H
3	200.0000	-82.53	2.95	-79.58	-13.00	-66.58	peak	H
4	487.5000	-81.47	6.19	-75.28	-13.00	-62.28	peak	H
5	734.5000	-81.37	8.01	-73.36	-13.00	-60.36	peak	H
6	946.5000	-81.80	14.85	-66.95	-13.00	-53.95	peak	H
7	1696.000	-51.87	10.40	-41.47	-13.00	-28.47	peak	H
8	6532.000	-71.81	26.05	-45.76	-13.00	-32.76	peak	H
9	10372.000	-73.38	33.81	-39.57	-13.00	-26.57	peak	H
1	130.0000	-83.32	14.37	-68.95	-13.00	-55.95	peak	V
2	160.5000	-81.34	12.20	-69.14	-13.00	-56.14	peak	V
3	206.0000	-82.34	9.44	-72.90	-13.00	-59.90	peak	V
4	351.0000	-81.82	1.87	-79.95	-13.00	-66.95	peak	V
5	513.5000	-80.46	2.99	-77.47	-13.00	-64.47	peak	V
6	668.5000	-80.27	9.46	-70.81	-13.00	-57.81	peak	V
7	3652.000	-69.76	19.70	-50.06	-13.00	-37.06	peak	V
8	6916.000	-71.00	25.44	-45.56	-13.00	-32.56	peak	V
9	9532.000	-73.01	28.55	-44.46	-13.00	-31.46	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model:	PG76200	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 7	Date:	06/27/2011
Frequency:	837.0 MHz	Test By:	Gary Wu

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	45.0000	-80.80	8.77	-72.03	-13.00	-59.03	peak	H
2	56.0000	-81.83	5.95	-75.88	-13.00	-62.88	peak	H
3	159.0000	-81.46	1.13	-80.33	-13.00	-67.33	peak	H
4	203.0000	-82.75	2.26	-80.49	-13.00	-67.49	peak	H
5	539.0000	-80.16	8.24	-71.92	-13.00	-58.92	peak	H
6	722.0000	-81.63	7.56	-74.07	-13.00	-61.07	peak	H
7	1672.000	-57.25	10.39	-46.86	-13.00	-33.86	peak	H
8	7492.000	-71.88	29.08	-42.80	-13.00	-29.80	peak	H
9	11356.000	-73.78	36.71	-37.07	-13.00	-24.07	peak	H
1	130.5000	-81.86	14.10	-67.76	-13.00	-54.76	peak	V
2	160.5000	-82.25	12.20	-70.05	-13.00	-57.05	peak	V
3	206.0000	-82.28	9.44	-72.84	-13.00	-59.84	peak	V
4	429.5000	-81.32	1.39	-79.93	-13.00	-66.93	peak	V
5	648.0000	-79.67	8.92	-70.75	-13.00	-57.75	peak	V
6	719.0000	-81.09	10.83	-70.26	-13.00	-57.26	peak	V
7	3484.000	-68.77	19.21	-49.56	-13.00	-36.56	peak	V
8	8236.000	-71.83	26.28	-45.55	-13.00	-32.55	peak	V
9	11524.000	-73.28	38.13	-35.15	-13.00	-22.15	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model:	PG76200	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 7	Date:	06/27/2011
Frequency:	848.3 MHz	Test By:	Gary Wu

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	40.0000	-82.13	9.64	-72.49	-13.00	-59.49	peak	H
2	159.0000	-80.65	1.13	-79.52	-13.00	-66.52	peak	H
3	204.5000	-82.06	1.92	-80.14	-13.00	-67.14	peak	H
4	582.5000	-79.01	7.64	-71.37	-13.00	-58.37	peak	H
5	762.0000	-81.67	9.20	-72.47	-13.00	-59.47	peak	H
6	821.0000	-80.91	11.93	-68.98	-13.00	-55.98	peak	H
7	1696.000	-52.54	10.40	-42.14	-13.00	-29.14	peak	H
8	6112.000	-71.82	23.62	-48.20	-13.00	-35.20	peak	H
9	10084.000	-72.93	32.79	-40.14	-13.00	-27.14	peak	H
1	130.5000	-80.73	14.10	-66.63	-13.00	-53.63	peak	V
2	160.0000	-82.53	12.68	-69.85	-13.00	-56.85	peak	V
3	203.0000	-82.35	9.79	-72.56	-13.00	-59.56	peak	V
4	441.0000	-81.10	1.48	-79.62	-13.00	-66.62	peak	V
5	613.5000	-80.42	8.42	-72.00	-13.00	-59.00	peak	V
6	719.0000	-81.11	10.83	-70.28	-13.00	-57.28	peak	V
7	4696.000	-70.88	22.53	-48.35	-13.00	-35.35	peak	V
8	7468.000	-71.72	26.34	-45.38	-13.00	-32.38	peak	V
9	9892.000	-72.56	30.13	-42.43	-13.00	-29.43	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model:	PG76200	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 8	Date:	06/27/2011
Frequency:	1851.25 MHz	Test By:	Gary Wu

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	44.0000	-81.68	8.94	-72.74	-13.00	-59.74	peak	H
2	160.5000	-81.58	1.05	-80.53	-13.00	-67.53	peak	H
3	200.5000	-82.03	2.83	-79.20	-13.00	-66.20	peak	H
4	402.5000	-81.51	2.66	-78.85	-13.00	-65.85	peak	H
5	596.0000	-80.47	7.86	-72.61	-13.00	-59.61	peak	H
6	787.0000	-80.85	10.55	-70.30	-13.00	-57.30	peak	H
7	5560.000	-67.06	21.84	-45.22	-13.00	-32.22	peak	H
8	7756.000	-72.44	29.46	-42.98	-13.00	-29.98	peak	H
9	10912.000	-73.62	36.07	-37.55	-13.00	-24.55	peak	H
1	130.0000	-83.46	14.37	-69.09	-13.00	-56.09	peak	V
2	160.0000	-83.95	12.68	-71.27	-13.00	-58.27	peak	V
3	202.5000	-81.90	9.84	-72.06	-13.00	-59.06	peak	V
4	343.5000	-81.08	1.41	-79.67	-13.00	-66.67	peak	V
5	540.0000	-79.22	4.26	-74.96	-13.00	-61.96	peak	V
6	689.5000	-81.00	9.85	-71.15	-13.00	-58.15	peak	V
7	3700.000	-63.59	19.81	-43.78	-13.00	-30.78	peak	V
8	5560.000	-66.39	23.39	-43.00	-13.00	-30.00	peak	V
9	12100.000	-73.28	39.23	-34.05	-13.00	-21.05	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model:	PG76200	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 8	Date:	06/27/2011
Frequency:	1880.0 MHz	Test By:	Gary Wu

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	46.5000	-80.81	8.49	-72.32	-13.00	-59.32	peak	H
2	99.5000	-82.05	-1.70	-83.75	-13.00	-70.75	peak	H
3	157.5000	-81.38	0.67	-80.71	-13.00	-67.71	peak	H
4	199.5000	-81.18	2.50	-78.68	-13.00	-65.68	peak	H
5	426.5000	-81.25	3.58	-77.67	-13.00	-64.67	peak	H
6	607.0000	-80.82	7.86	-72.96	-13.00	-59.96	peak	H
7	3760.000	-56.71	15.89	-40.82	-13.00	-27.82	peak	H
8	5644.000	-68.87	22.05	-46.82	-13.00	-33.82	peak	H
9	11176.000	-73.03	36.58	-36.45	-13.00	-23.45	peak	H
1	130.5000	-82.06	14.10	-67.96	-13.00	-54.96	peak	V
2	159.5000	-82.03	12.45	-69.58	-13.00	-56.58	peak	V
3	204.5000	-82.15	9.62	-72.53	-13.00	-59.53	peak	V
4	299.5000	-80.85	2.66	-78.19	-13.00	-65.19	peak	V
5	538.5000	-81.13	4.16	-76.97	-13.00	-63.97	peak	V
6	701.5000	-80.75	10.24	-70.51	-13.00	-57.51	peak	V
7	3760.000	-56.73	19.98	-36.75	-13.00	-23.75	peak	V
8	5644.000	-68.02	23.25	-44.77	-13.00	-31.77	peak	V
9	7696.000	-71.87	26.47	-45.40	-13.00	-32.40	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Model:	PG76200	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 8	Date:	06/27/2011
Frequency:	1908.75 MHz	Test By:	Gary Wu

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	43.5000	-79.81	9.03	-70.78	-13.00	-57.78	peak	H
2	91.5000	-81.62	-0.25	-81.87	-13.00	-68.87	peak	H
3	159.0000	-82.04	1.13	-80.91	-13.00	-67.91	peak	H
4	202.5000	-82.63	2.36	-80.27	-13.00	-67.27	peak	H
5	517.5000	-81.02	7.56	-73.46	-13.00	-60.46	peak	H
6	661.0000	-80.72	7.15	-73.57	-13.00	-60.57	peak	H
7	3820.000	-59.86	16.03	-43.83	-13.00	-30.83	peak	H
8	8668.000	-72.26	27.89	-44.37	-13.00	-31.37	peak	H
9	11380.000	-73.62	36.74	-36.88	-13.00	-23.88	peak	H
1	130.0000	-82.36	14.37	-67.99	-13.00	-54.99	peak	V
2	160.0000	-82.86	12.68	-70.18	-13.00	-57.18	peak	V
3	203.0000	-81.08	9.79	-71.29	-13.00	-58.29	peak	V
4	283.5000	-81.22	1.23	-79.99	-13.00	-66.99	peak	V
5	494.5000	-80.61	2.65	-77.96	-13.00	-64.96	peak	V
6	660.0000	-80.50	9.39	-71.11	-13.00	-58.11	peak	V
7	3820.000	-54.78	20.13	-34.65	-13.00	-21.65	peak	V
8	5728.000	-64.79	23.11	-41.68	-13.00	-28.68	peak	V
9	6640.000	-72.17	24.95	-47.22	-13.00	-34.22	peak	V

7 Frequency Stability (Temperature Variation) Test

7.1. Limit

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

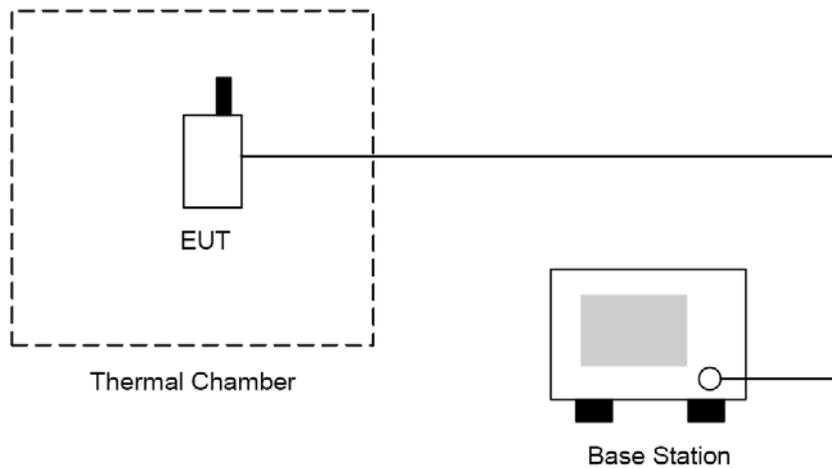
7.2. Test Instruments

Describe	Manufacturer	Model No.	Serial No.	Cal. Date	Remark
Universal Radio Communication Tester	ROHDE & SCHWARZ	CMU200	109369	08/10/2010	(2)
Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	08/26/2010	(2)
Test Site	ATL	TE02	TE02	N.C.R.	-----

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

NOTE: N.C.R. = No Calibration Request.

7.3. Setup



7.4. Test Procedure

The measurement is made according to FCC rules part 22 and 24:

1. The EUT and test equipment were set up as shown on the following section.
2. With all power removed, the temperature was decreased to -30°C and permitted to stabilize for three hours. Power was applied and the maximum change in frequency was note within one minute.
3. With power OFF, the temperature was raised in 10°C steps. The sample was permitted to stabilize at each step for at least one-half hour. Power was applied and the maximum frequency change was noted within one minute.
4. The temperature tests were performed for the worst case.
5. Test data was recorded.

7.5. Uncertainty

The measurement uncertainty is defined as for Frequency Stability (Temperature Variation) measurement is $\pm 10\text{Hz}$.

7.6. Test Result

Model Number	PG76200			
Test Item	Frequency Stability (Temperature Variation)			
Test Mode	Mode 7			
Date of Test	06/23/2011		Test Site	TE02
Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
-30	-3	-0.004	±2.5	Pass
-20	2	0.002	±2.5	Pass
-10	2	0.002	±2.5	Pass
0	1	0.001	±2.5	Pass
10	-3	-0.004	±2.5	Pass
20	-2	-0.002	±2.5	Pass
30	3	0.004	±2.5	Pass
40	2	0.002	±2.5	Pass
50	5	0.006	±2.5	Pass

Model Number	PG76200			
Test Item	Frequency Stability (Temperature Variation)			
Test Mode	Mode 8			
Date of Test	06/23/2011		Test Site	TE02
Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
-30	9	0.005	±2.5	Pass
-20	5	0.003	±2.5	Pass
-10	6	0.003	±2.5	Pass
0	9	0.005	±2.5	Pass
10	4	0.002	±2.5	Pass
20	-5	-0.003	±2.5	Pass
30	4	0.002	±2.5	Pass
40	-7	-0.004	±2.5	Pass
50	6	0.003	±2.5	Pass

8 Frequency Stability (Voltage Variation) Test

8.1. Limit

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block.

The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

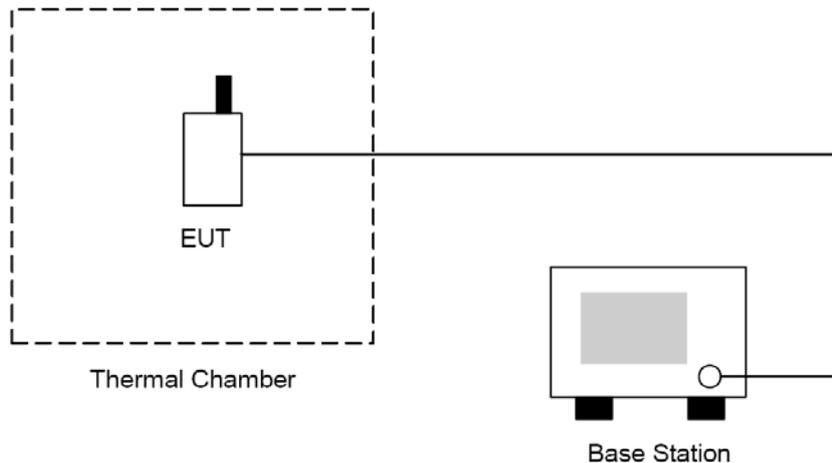
8.2. Test Instruments

Describe	Manufacturer	Model No.	Serial No.	Cal. Date	Remark
Universal Radio Communication Tester	ROHDE & SCHWARZ	CMU200	109369	08/10/2010	(2)
Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	08/26/2010	(2)
Test Site	ATL	TE02	TE02	N.C.R.	-----

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

NOTE: N.C.R. = No Calibration Request.

8.3. Setup



8.4. Test Procedure

1. The EUT was placed in a temperature chamber at $25 \pm 5 \text{ }^\circ\text{C}$ and connected as the following section.
2. The power supply voltage to the EUT was varied from BEP to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

8.5. Uncertainty

The measurement uncertainty is defined as for Frequency Stability (Voltage Variation) measurement is $\pm 10\text{Hz}$.

8.6. Test Result

Model Number	PG76200				
Test Item	Frequency Stability (Voltage Variation)				
Test Mode	Mode 7				
Date of Test	06/23/2011		Test Site	TE02	
Level	Voltage [V]	Deviation [Hz]	Deviation [ppm]	Limit [ppm]	Result
Battery full point	4.07	3	0.004	± 2.5	Pass
Normal	3.70	-3	-0.004	± 2.5	Pass
Battery cut-off point	3.33	-2	-0.002	± 2.5	Pass

Model Number	PG76200				
Test Item	Frequency Stability (Voltage Variation)				
Test Mode	Mode 8				
Date of Test	06/23/2011		Test Site	TE02	
Level	Voltage [V]	Deviation [Hz]	Deviation [ppm]	Limit [ppm]	Result
Battery full point	4.07	10	0.005	± 2.5	Pass
Normal	3.70	7	0.004	± 2.5	Pass
Battery cut-off point	3.33	-6	-0.003	± 2.5	Pass

9 AC Power Conducted Emissions Test

9.1. Limit

Frequency range (MHz)	Limits (dBuV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5.0	56	46
5.0 to 30	60	50

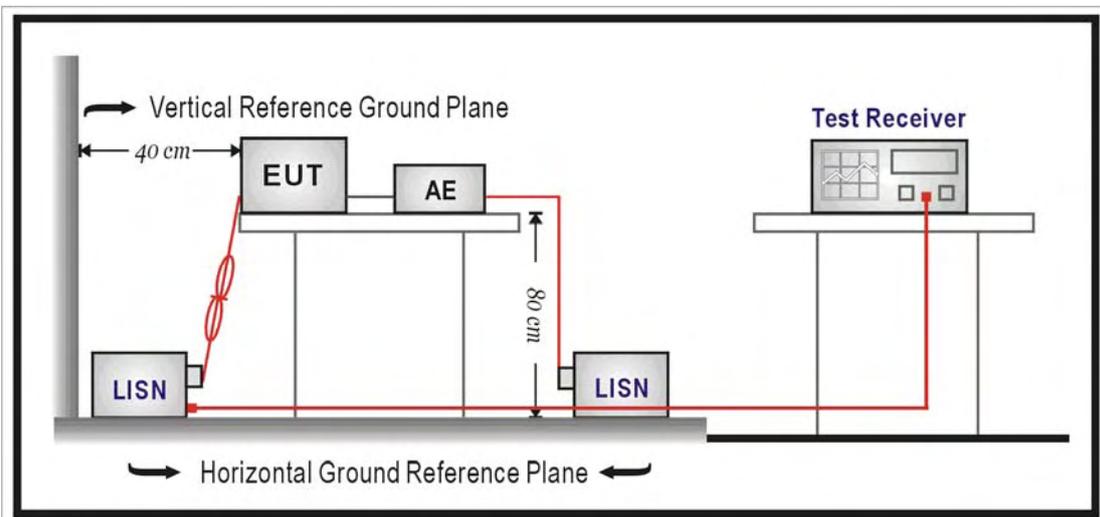
9.2. Test Instruments

Describe	Manufacturer	Model No.	Serial No.	Cal. Date	Remark
Test Receiver	R&S	ESCI	100367	06/30/2011	(1)
LISN	R&S	ENV216	101040	03/04/2011	(1)
LISN	R&S	ENV216	101041	03/04/2011	(1)
Test Site	ATL	TE02	TE02	N.C.R.	-----

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

NOTE: N.C.R. = No Calibration Request.

9.3. Setup



9.4. Test Procedure

The measurement is made according to FCC rules 15.207:

The power line conducted emission measurements were performed in a shielded enclosure. The EUT was assembled on a wooden table which is 80 centimeters high, was placed 40 centimeters from the back wall and at least 1 meter from the sidewall.

Power was fed to the EUT from the public utility power grid through a line filter and EMCO Model 3162/2 SH Line Impedance Stabilization Networks (LISN). The LISN housing, measuring instrumentation case, ground plane, etc., were electrically bonded together at the same RF potential. The Spectrum analyzer was connected to the AC line through an isolation transformer. The 50-ohm output of the LISN was connected to the spectrum analyzer directly. Conducted emission levels were in the CISPR quasi-peak detection mode. The analyzer's 6 dB bandwidth was set to 9 KHz. No post-detector video filter was used.

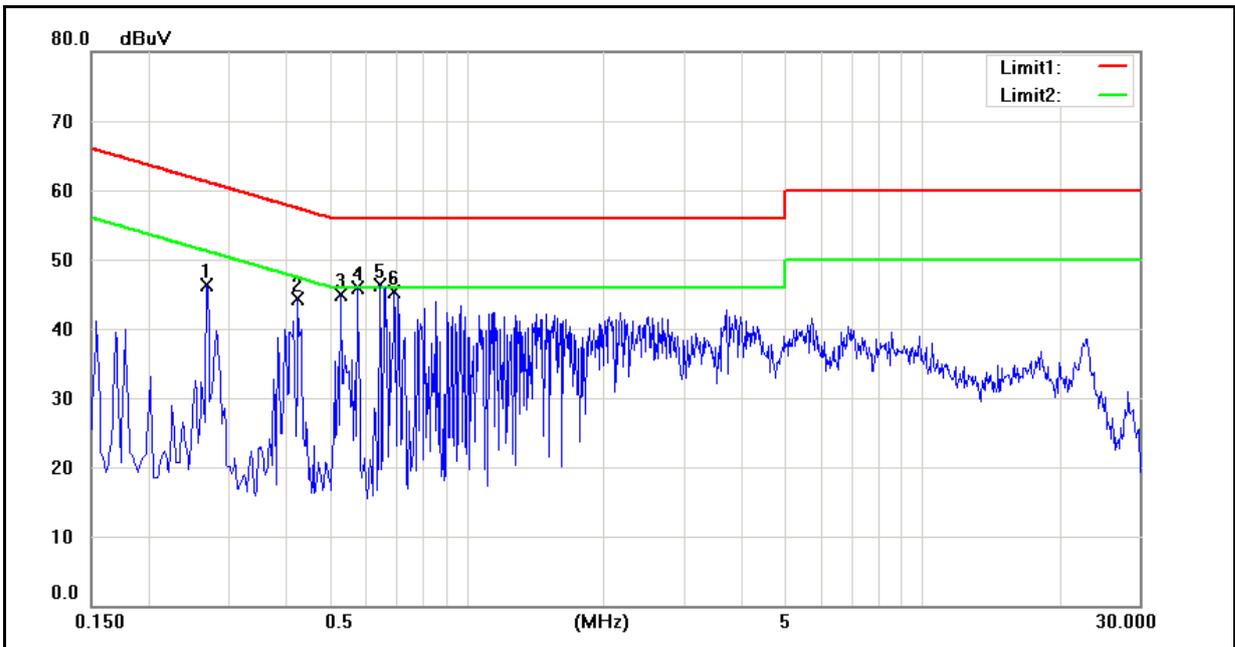
The spectrum was scanned from 150 KHz to 30 MHz. The physical arrangement of the test system and associated cabling was varied (within the scope of arrangements likely to be encountered in actual use) to determine the effect on the unit's emanations in amplitude and frequency. All spurious emission frequencies were observed. The highest emission amplitudes relative to the appropriate limit were measured and have been recorded in section 10.6.

9.5. Uncertainty

The measurement uncertainty is defined as for AC power conducted emission measurement is ± 2.24 dB.

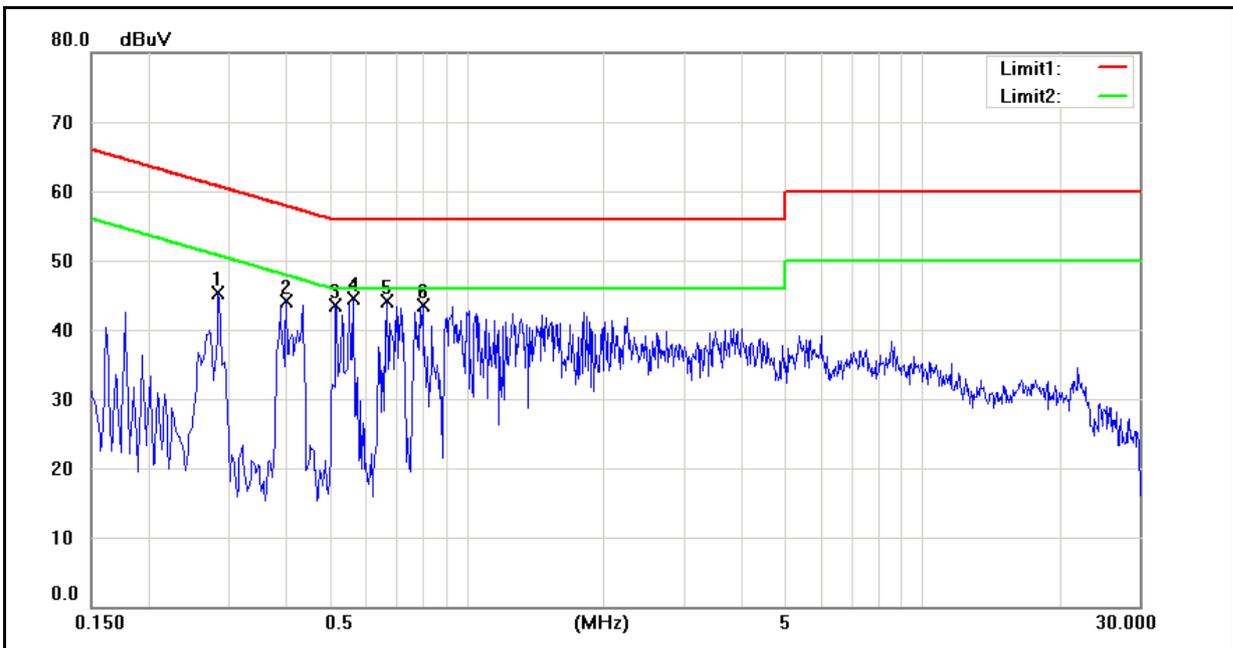
9.6. Test Result

Standard:	FCC Part 27	Line:	L1
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model:	PG76200	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 7	Date:	06/29/2011
		Test By:	Gary Wu
Description:			



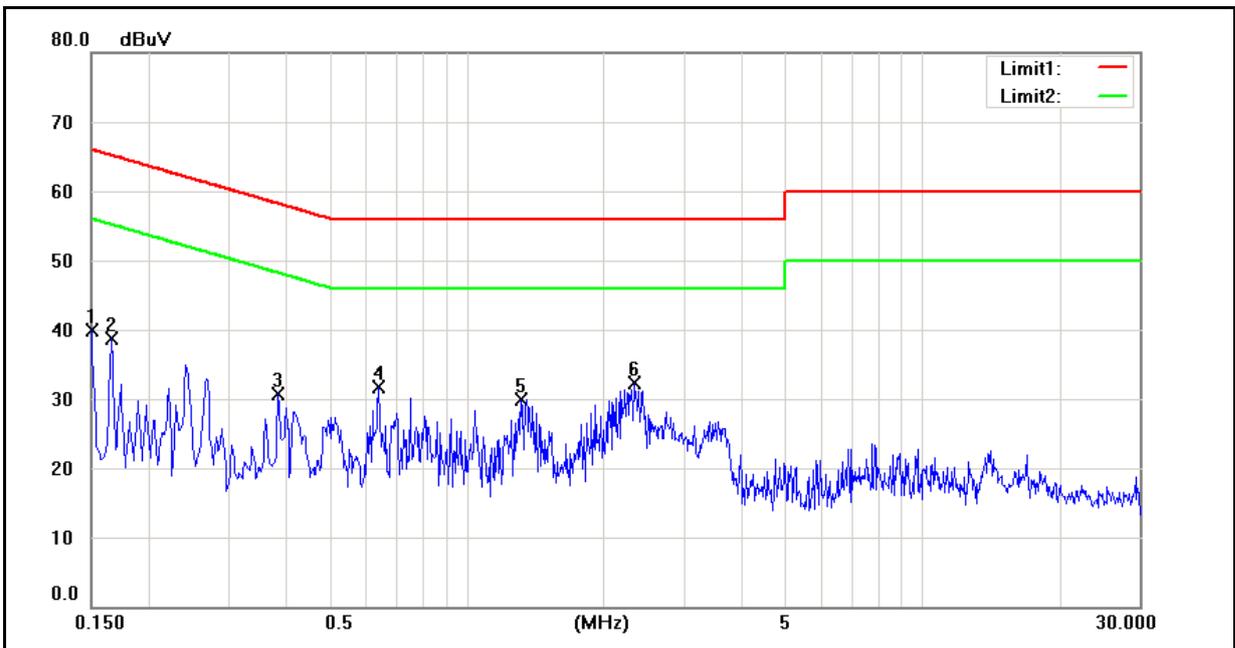
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.2700	32.40	13.88	10.02	42.42	23.90	61.12	51.12	-18.70	-27.22	Pass
2	0.4260	30.38	13.96	9.96	40.34	23.92	57.33	47.33	-16.99	-23.41	Pass
3	0.5300	33.22	12.70	9.92	43.14	22.62	56.00	46.00	-12.86	-23.38	Pass
4	0.5780	32.15	11.25	9.90	42.05	21.15	56.00	46.00	-13.95	-24.85	Pass
5	0.6460	33.38	12.21	9.87	43.25	22.08	56.00	46.00	-12.75	-23.92	Pass
6	0.6940	32.97	13.28	9.85	42.82	23.13	56.00	46.00	-13.18	-22.87	Pass

Standard:	FCC Part 27	Line:	N
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model:	PG76200	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 7	Date:	06/29/2011
		Test By:	Gary Wu
Description:			



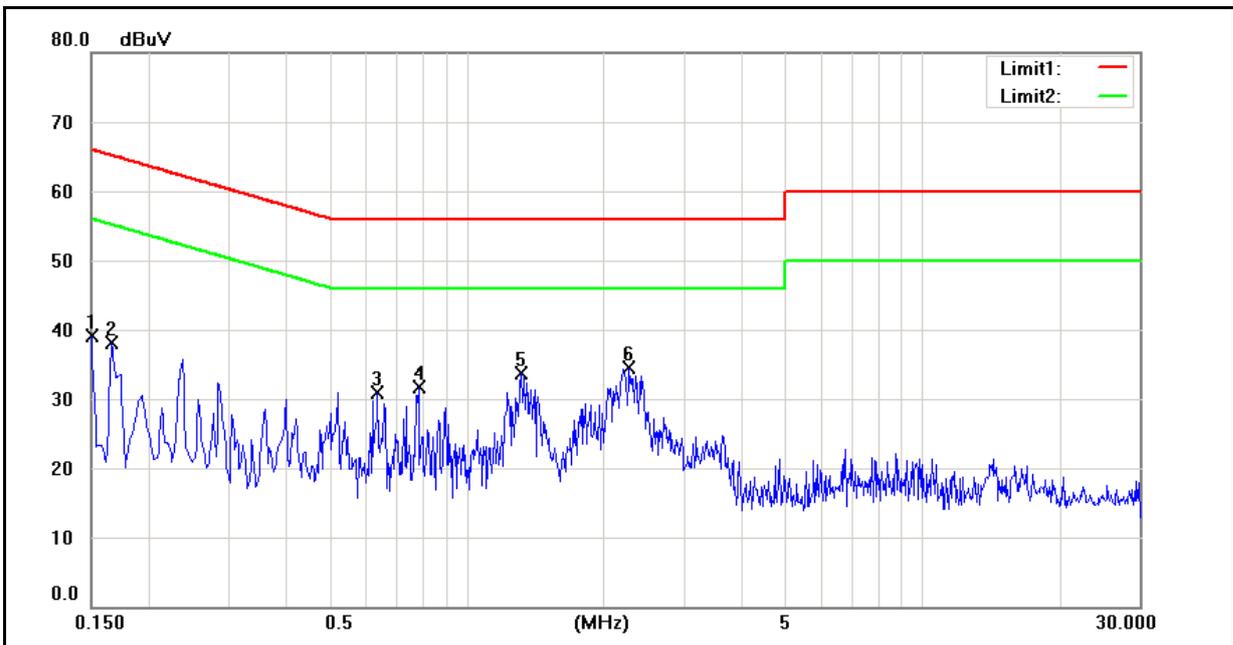
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.2860	31.51	15.49	10.10	41.61	25.59	60.64	50.64	-19.03	-25.05	Pass
2	0.4020	29.93	14.75	10.05	39.98	24.80	57.81	47.81	-17.83	-23.01	Pass
3	0.5180	31.76	14.41	10.00	41.76	24.41	56.00	46.00	-14.24	-21.59	Pass
4	0.5660	31.62	14.73	9.98	41.60	24.71	56.00	46.00	-14.40	-21.29	Pass
5	0.6700	32.10	12.66	9.94	42.04	22.60	56.00	46.00	-13.96	-23.40	Pass
6	0.8020	30.99	13.17	9.88	40.87	23.05	56.00	46.00	-15.13	-22.95	Pass

Standard:	FCC Part 27	Line:	L1
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model:	PG76200	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 8	Date:	06/29/2011
		Test By:	Gary Wu
Description:			



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1500	22.79	8.88	10.07	32.86	18.95	66.00	56.00	-33.14	-37.05	Pass
2	0.1660	21.32	5.98	10.07	31.39	16.05	65.16	55.16	-33.77	-39.11	Pass
3	0.3860	10.97	3.25	9.98	20.95	13.23	58.15	48.15	-37.20	-34.92	Pass
4	0.6420	13.87	3.58	9.87	23.74	13.45	56.00	46.00	-32.26	-32.55	Pass
5	1.3220	13.90	8.87	9.70	23.60	18.57	56.00	46.00	-32.40	-27.43	Pass
6	2.3340	19.82	7.82	9.72	29.54	17.54	56.00	46.00	-26.46	-28.46	Pass

Standard:	FCC Part 27	Line:	N
Test item:	Conducted Emission	Power:	AC 120V/60Hz
Model:	PG76200	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 8	Date:	06/29/2011
		Test By:	Gary Wu
Description:			



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1500	22.28	9.77	10.15	32.43	19.92	66.00	56.00	-33.57	-36.08	Pass
2	0.1660	20.68	6.90	10.15	30.83	17.05	65.16	55.16	-34.33	-38.11	Pass
3	0.6380	12.29	1.45	9.95	22.24	11.40	56.00	46.00	-33.76	-34.60	Pass
4	0.7860	12.44	3.51	9.89	22.33	13.40	56.00	46.00	-33.67	-32.60	Pass
5	1.3220	20.92	13.35	9.77	30.69	23.12	56.00	46.00	-25.31	-22.88	Pass
6	2.2820	22.63	13.95	9.77	32.40	23.72	56.00	46.00	-23.60	-22.28	Pass