A Test Lab Techno Corp.

No.140-1, Chang-an St., Bade City, Tao-Yuan County 334, Taiwan (R.O.C.)
Tel：+886-3-2710188 / Fax：+886-3-2710190

Part 15 C Measurement Report

Report No.	：	**0912FR16-02**
Applicant	：	**HTC Corporation**
Product Type	：	**Smartphone**
Trade Name	：	**HTC**
Model Number	：	**PB65100**
FCC ID	：	**NM8PB65100**
Dates of Test	：	**Dec. 21 ~ 27, 2009**
Test Specification	：	**FCC CFR Title 47 Part 15 Subpart C (15.247) (2008-10)**
Location of Test Lab.	：	**Chang-an Lab.**

1. The test operations have to be performed with cautious behavior, the test results are as attached.
2. The test results are under chamber environment of A Test Lab Techno Corp. A Test Lab Techno Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples.
3. The measurement report has to be written approval of A Test Lab Techno Corp. It may only be reproduced or published in full. This report shall not be reproduced except in full, without the written approval of A Test Lab Techno Corp.
4. This document may be altered or revised by A Test Lab Techno. Corp. personnel only, and shall be noted in the revision section of the document.

Miller Lee **20100322**
Approve Signer

Gary Wu **20100322**
Testing Engineer

VERIFICATION

We hereby verify that:

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. All test were conducted by *A Test Lab Techno Corp. No.140-1, Chang-an St., Bade City, Tao-Yuan County 334, Taiwan (R.O.C.)* Also, we attest to the accuracy of each.

We further submit that the energy emitted by the sample EUT tested as described in the report is in compliance with Class B radiated and conducted emission limit of FCC Rules Part 15 Subpart C (15.247).

Product Type	:	**Smartphone**
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**
Trade Name	:	**HTC**
Model Number	:	**PB65100**
FCC ID	:	**NM8PB65100**
EUT Rating Voltage	:	**100-240Vac, 0.2A, 50/60Hz**
EUT Voltage	:	**120Vac, 60Hz**
Applicable Standard	:	**FCC CFR Title 47 Part 15 Subpart C (15.247) (2008-10)**
Test Result	:	**Complied**

Approved by : Miller Lee **Miller Lee 2010/03/22**

Prepared by : Gary Wu **Gary Wu 2010/03/22**

A Test Lab Techno Corp.

No.140-1, Chang-an St., Bade City, Tao-Yuan County 334, Taiwan (R.O.C.)
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Contents

1. GENERAL

1.1 Description of Equipment under Test (EUT)

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	:	PB65100
Frequency Range	:	IEEE 802.11b / IEEE 802.11g: 2412MHz~2462MHz
Type of Modulation	:	IEEE 802.11b:DSSS(CCK, DQPSK, DBPSK) IEEE 802.11g:DSSS(CCK, DQPSK, DBPSK)+ OFDM(QPSK, BPSK, 16-QAM, 64-QAM)
Max. RF Output Power	:	IEEE 802.11b: 17.61 dBm / 0.058 W IEEE 802.11g: 19.83 dBm / 0.096 W

1.2 Summary of Tests

47 CFR Part 15 Subpart C			
Reference	**Test**	**Results**	**Note**
15.207	AC Power Conducted Emission	PASS	-----
15.247(c)	Transmitter Radiated Emissions	PASS	-----
15.247(b)	Max. Output Power	PASS	-----
15.247(a)(2)	6dB RF Bandwidth	PASS	-----
15.247(d)	Max. Power Density	PASS	-----
15.247(c)	Out of Band Conducted Spurious Emission	PASS	-----
15.247(c)	Band Edge Measurement	PASS	-----
15.203	Antenna Requirement	PASS	-----

1.3 Configuration of System under Test

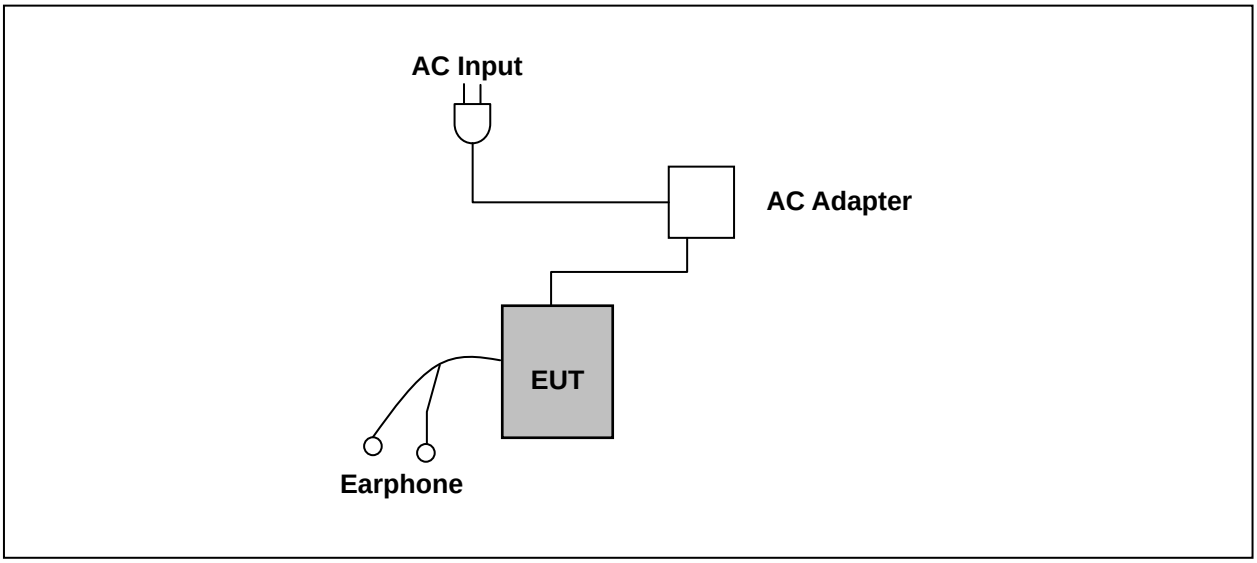


Figure 1. Configuration of System Under Test

During testing the EUT's Power port was connected to AC Adapter. EUT's ear port connected to Earphone.

1.4 Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	ANSI C63.4 CE	15-35	25
Humidity (%RH)		30-60	50
Barometric pressure (mbar)		860-1060	950-1000
Temperature (°C)	ANSI C63.4 RE	15-35	25
Humidity (%RH)		30-60	50
Barometric pressure (mbar)		860-1060	950-1000

Registration Number：854525

Designation Number：TW1330

Test Site Name: A Test Lab Techno Corp.

Test Site Location: No. 140 -1, Changan Street, Bade City, Taoyuan County, Taiwan R.O.C.

TEL: 886-3-271-0188 FAX: 886-3-271-0190

The chamber meets the characteristics of ANSI C63.4-2003. This site is on file with the FCC.

2. Conducted Emissions Requirements

2.1 Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2003 on conducted measurement.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

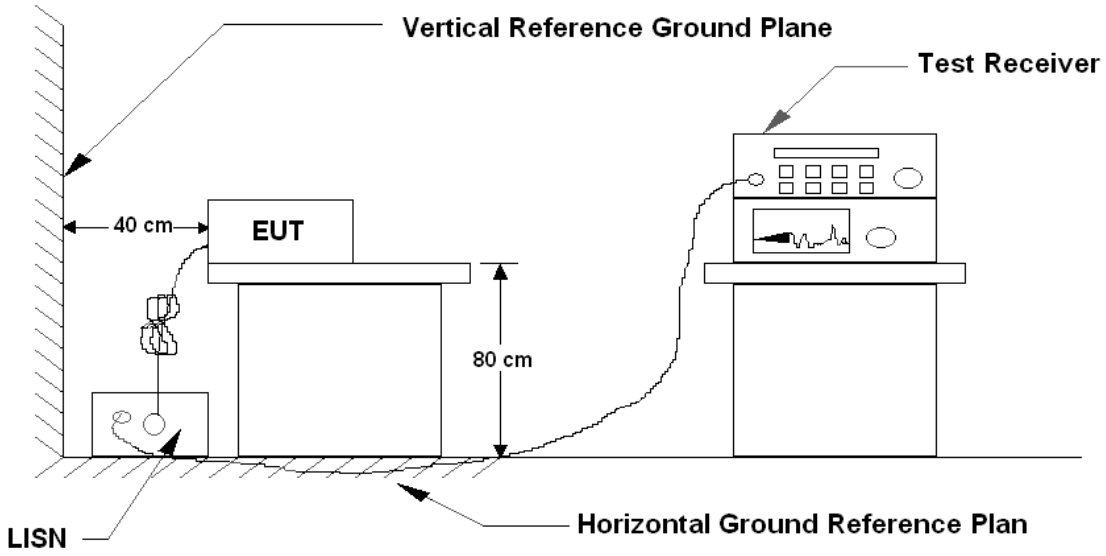
2.2 Limits

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

2.3 Test Equipment List

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Test Receiver	R&S	ESCI	100722	Oct. 08, 2009	Oct. 08, 2010
LISN	EMCO	3816/2 SH	00060110	Jun. 17, 2009	Jun. 17, 2010
LISN	EMCO	3816/2 SH	00060111	Jun. 29, 2009	Jun. 29, 2010
Transient Limiter	ELECTRO-METRICS	EM-7600	777	Sep. 22, 2008	Sep. 22, 2009

2.4 Test Instruments Configuration



2.5 Test Results

EUT : Smartphone

Model No. : PB65100

Test Mode : #1 IDLE Mode

#2 Normal Operation Mode

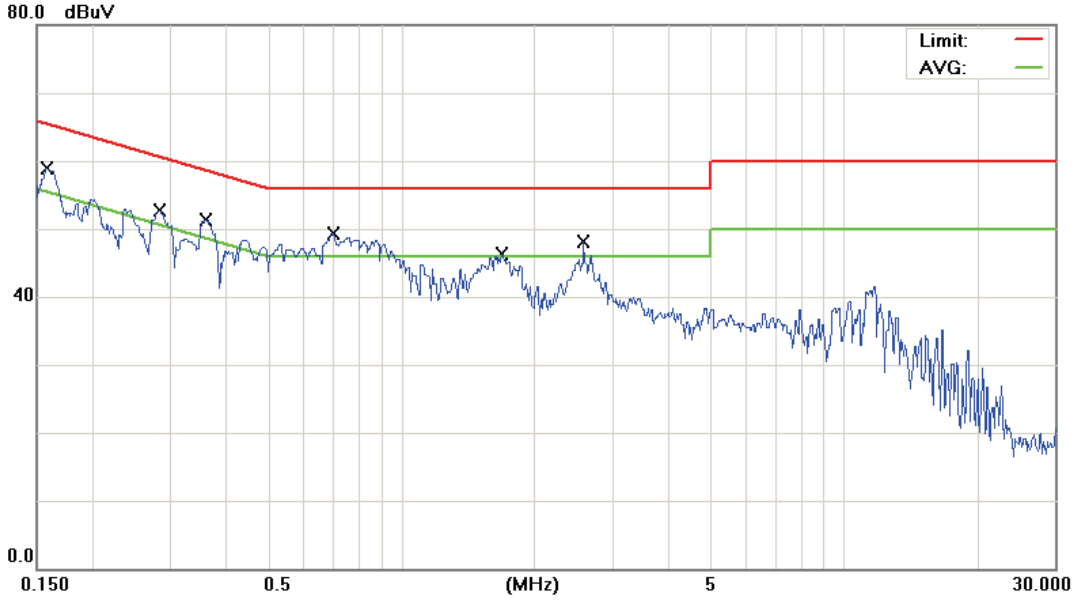
Test Date : 12/21~12/22/2009

Please refer to next page of detail testing data.

Notes:

1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.

File :09-0355-SE(IDLE)MAIN Data :#1 Date: 2009/12/21



Site : Conducted Phase: *L1* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 55 %

EUT:

M/N: PB65100

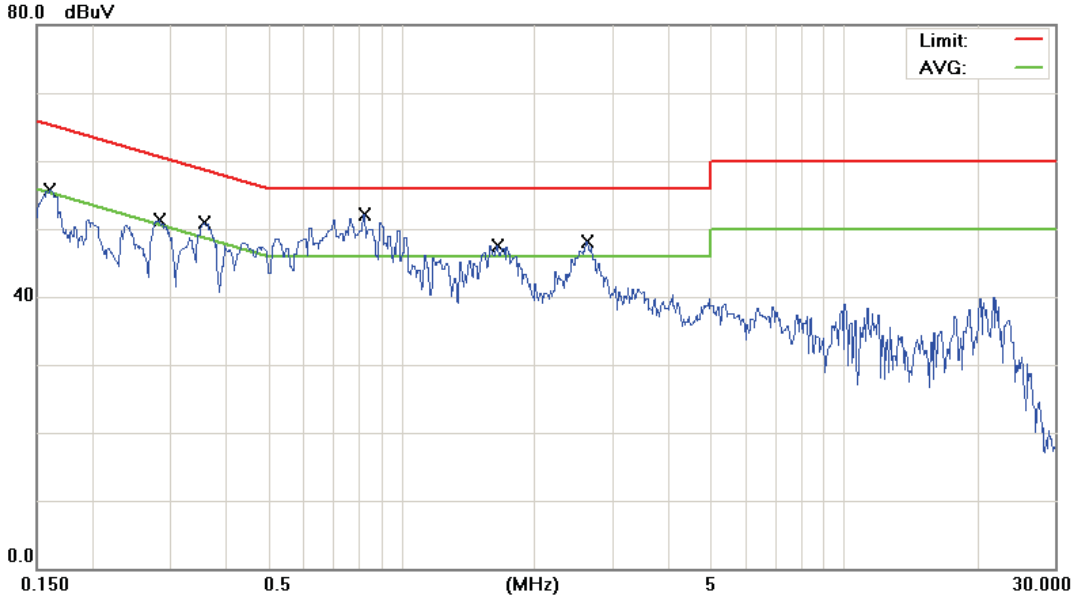
Mode: Idle Mode

Note: Battery Model #1

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1577	33.48	9.73	43.21	65.58	-22.37	QP	
2		0.1577	18.39	9.73	28.12	55.58	-27.46	AVG	
3		0.2837	29.21	9.76	38.97	60.71	-21.74	QP	
4		0.2837	14.42	9.76	24.18	50.71	-26.53	AVG	
5		0.3600	27.77	9.78	37.55	58.73	-21.18	QP	
6		0.3600	13.98	9.78	23.76	48.73	-24.97	AVG	
7	*	0.6980	26.06	9.79	35.85	56.00	-20.15	QP	
8		0.6980	10.28	9.79	20.07	46.00	-25.93	AVG	
9		1.6880	22.72	9.83	32.55	56.00	-23.45	QP	
10		1.6880	9.28	9.83	19.11	46.00	-26.89	AVG	
11		2.5790	22.48	9.93	32.41	56.00	-23.59	QP	
12		2.5790	10.65	9.93	20.58	46.00	-25.42	AVG	

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

File :09-0355-SE(IDLE)MAIN Data :#2 Date: 2009/12/21



Site : Conducted Phase: *L2* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 55 %

EUT:

M/N: PB65100

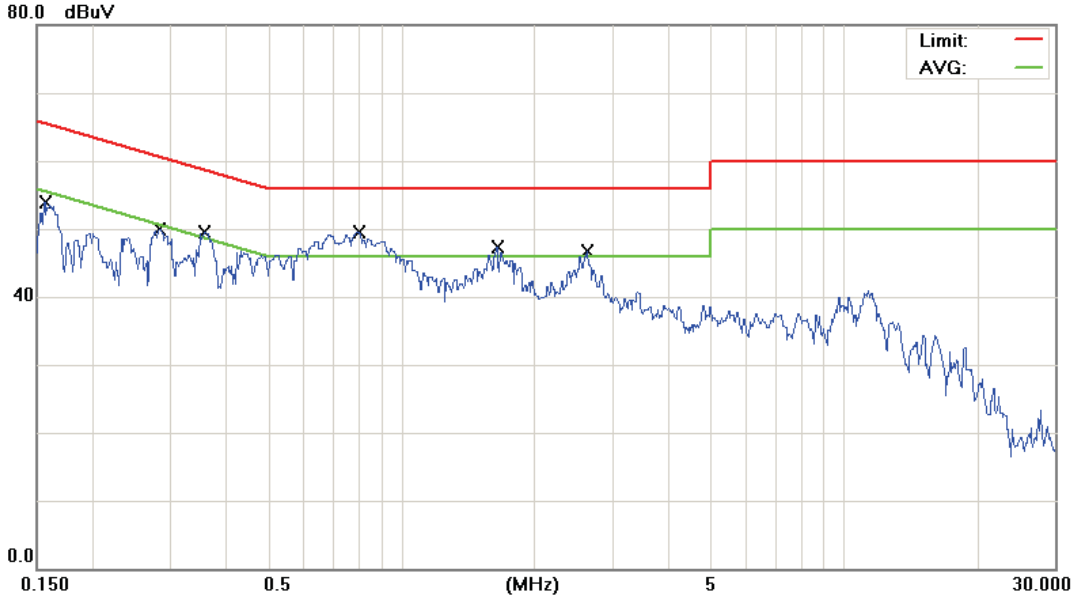
Mode: Idle Mode

Note: Battery Model #1

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1604	31.77	9.73	41.50	65.44	-23.94	QP	
2		0.1604	17.73	9.73	27.46	55.44	-27.98	AVG	
3		0.2830	27.82	9.76	37.58	60.73	-23.15	QP	
4		0.2830	17.65	9.76	27.41	50.73	-23.32	AVG	
5		0.3580	27.46	9.78	37.24	58.77	-21.53	QP	
6		0.3580	16.56	9.78	26.34	48.77	-22.43	AVG	
7	*	0.8240	25.18	9.80	34.98	56.00	-21.02	QP	
8		0.8240	13.37	9.80	23.17	46.00	-22.83	AVG	
9		1.6430	23.88	9.83	33.71	56.00	-22.29	QP	
10		1.6430	13.58	9.83	23.41	46.00	-22.59	AVG	
11		2.6150	20.10	9.93	30.03	56.00	-25.97	QP	
12		2.6150	13.36	9.93	23.29	46.00	-22.71	AVG	

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

File :09-0355-SE(IDLE)2ND Data :#1 Date: 2009/12/21



Site : Conducted Phase: *L1* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 55 %

EUT:

M/N: PB65100

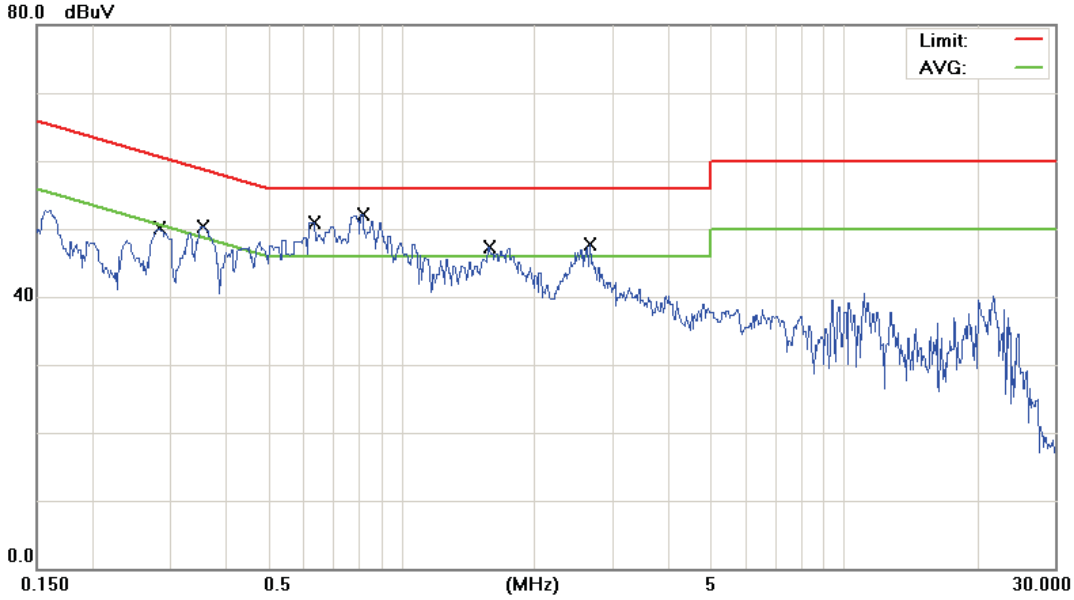
Mode: Idle Mode

Note: Battery Model #2

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1563	28.44	9.73	38.17	65.66	-27.49	QP	
2		0.1563	14.86	9.73	24.59	55.66	-31.07	AVG	
3		0.2830	27.55	9.76	37.31	60.73	-23.42	QP	
4		0.2830	14.19	9.76	23.95	50.73	-26.78	AVG	
5		0.3580	25.96	9.78	35.74	58.77	-23.03	QP	
6		0.3580	14.09	9.78	23.87	48.77	-24.90	AVG	
7	*	0.7970	26.42	9.80	36.22	56.00	-19.78	QP	
8		0.7970	13.27	9.80	23.07	46.00	-22.93	AVG	
9		1.6430	23.11	9.83	32.94	56.00	-23.06	QP	
10		1.6430	11.56	9.83	21.39	46.00	-24.61	AVG	
11		2.6240	23.49	9.93	33.42	56.00	-22.58	QP	
12		2.6240	10.39	9.93	20.32	46.00	-25.68	AVG	

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

File :09-0355-SE(IDLE)2ND Data :#2 Date: 2009/12/21



Site : Conducted Phase: *L2* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 55 %

EUT:

M/N: PB65100

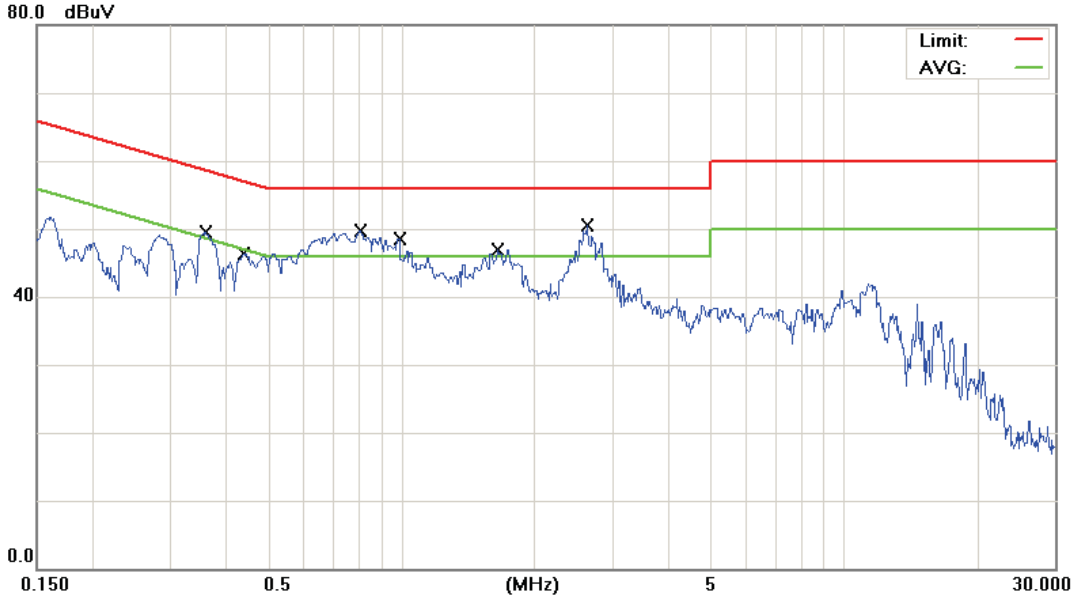
Mode: Idle Mode

Note: Battery Model #2

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2844	27.10	9.76	36.86	60.69	-23.83	QP	
2		0.2844	17.66	9.76	27.42	50.69	-23.27	AVG	
3		0.3558	27.90	9.78	37.68	58.83	-21.15	QP	
4		0.3558	13.74	9.78	23.52	48.83	-25.31	AVG	
5	*	0.6350	27.74	9.79	37.53	56.00	-18.47	QP	
6		0.6350	13.93	9.79	23.72	46.00	-22.28	AVG	
7		0.8150	25.55	9.80	35.35	56.00	-20.65	QP	
8		0.8150	13.76	9.80	23.56	46.00	-22.44	AVG	
9		1.5710	22.46	9.81	32.27	56.00	-23.73	QP	
10		1.5710	14.54	9.81	24.35	46.00	-21.65	AVG	
11		2.6600	21.37	9.93	31.30	56.00	-24.70	QP	
12		2.6600	12.51	9.93	22.44	46.00	-23.56	AVG	

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

File :09-0355-SE(GSM850)MAIN Data :#1 Date: 2009/12/22



Site : Conducted Phase: *L1* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 55 %

EUT:

M/N: PB65100

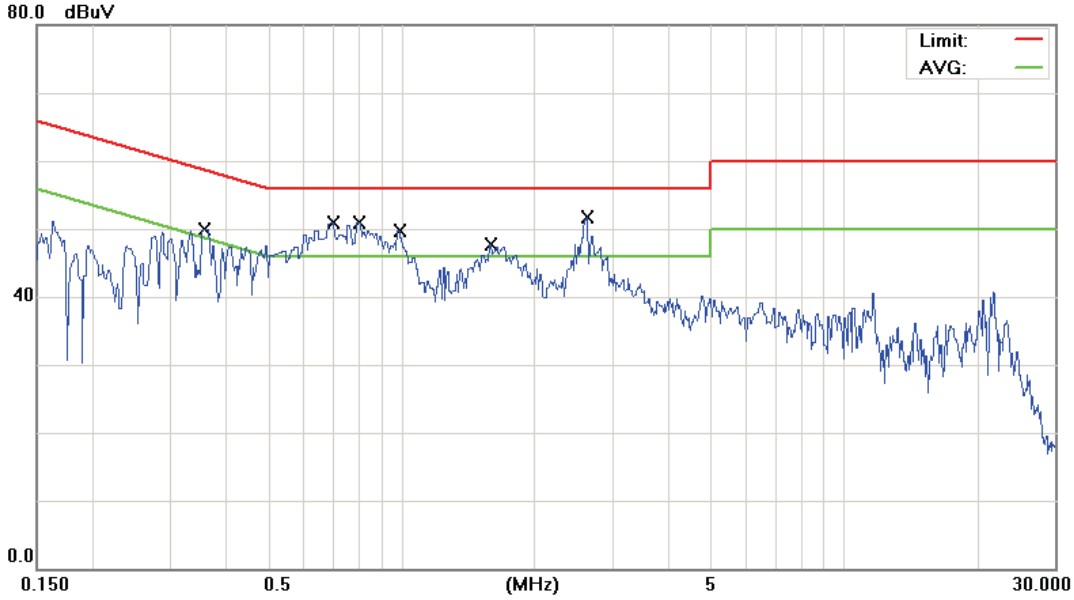
Mode: Normal Operation Mode

Note: Battery Model #1

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3600	26.22	9.78	36.00	58.73	-22.73	QP	
2		0.3600	14.85	9.78	24.63	48.73	-24.10	AVG	
3		0.4391	23.11	9.78	32.89	57.08	-24.19	QP	
4		0.4391	11.56	9.78	21.34	47.08	-25.74	AVG	
5	*	0.8060	27.68	9.80	37.48	56.00	-18.52	QP	
6		0.8060	14.95	9.80	24.75	46.00	-21.25	AVG	
7		0.9860	22.66	9.81	32.47	56.00	-23.53	QP	
8		0.9860	9.07	9.81	18.88	46.00	-27.12	AVG	
9		1.6520	23.37	9.83	33.20	56.00	-22.80	QP	
10		1.6520	12.08	9.83	21.91	46.00	-24.09	AVG	
11		2.6330	24.25	9.93	34.18	56.00	-21.82	QP	
12		2.6330	16.12	9.93	26.05	46.00	-19.95	AVG	

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

File :09-0355-SE(GSM850)MAIN Data :#2 Date: 2009/12/22



Site : Conducted Phase: *L2* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 55 %

EUT:

M/N: PB65100

Mode: Normal Operation Mode

Note: Battery Model #1

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3571	25.67	9.78	35.45	58.80	-23.35	QP	
2		0.3571	13.35	9.78	23.13	48.80	-25.67	AVG	
3	*	0.6980	29.08	9.79	38.87	56.00	-17.13	QP	
4		0.6980	15.42	9.79	25.21	46.00	-20.79	AVG	
5		0.7970	27.20	9.80	37.00	56.00	-19.00	QP	
6		0.7970	15.12	9.80	24.92	46.00	-21.08	AVG	
7		0.9860	23.89	9.81	33.70	56.00	-22.30	QP	
8		0.9860	11.80	9.81	21.61	46.00	-24.39	AVG	
9		1.5890	23.02	9.82	32.84	56.00	-23.16	QP	
10		1.5890	14.24	9.82	24.06	46.00	-21.94	AVG	
11		2.6240	27.39	9.93	37.32	56.00	-18.68	QP	
12		2.6240	15.88	9.93	25.81	46.00	-20.19	AVG	

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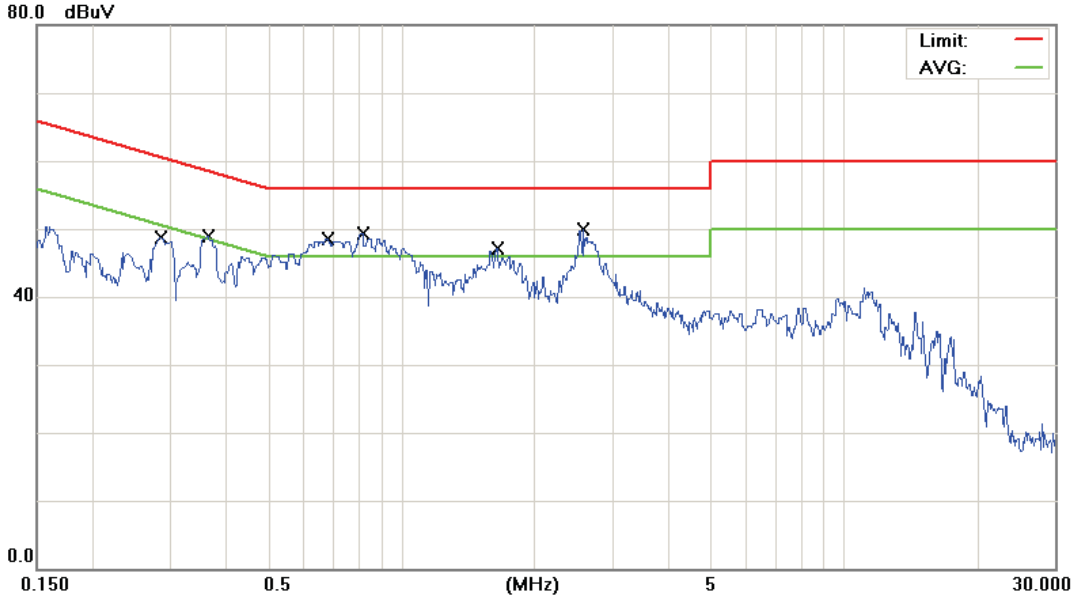
File :09-0355-SE(GSM850)2ND Data :#1 Date: 2009/12/22



Site : Conducted Phase: *L1* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 55 %

EUT:

M/N: PB65100

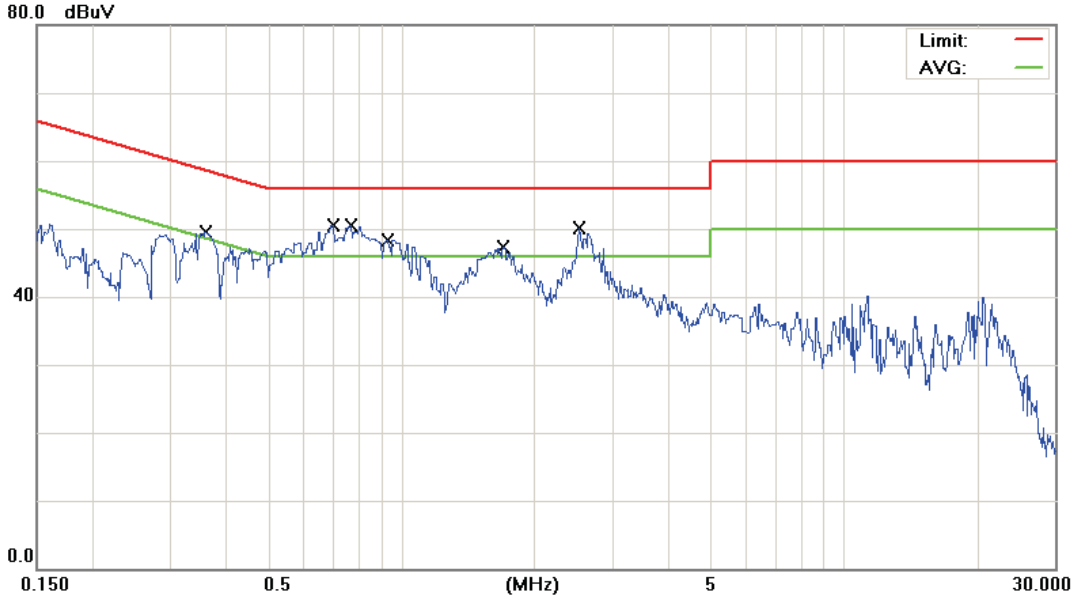
Mode: Normal Operation Mode

Note: Battery Mode #2

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2858	25.83	9.76	35.59	60.65	-25.06	QP	
2		0.2858	13.29	9.76	23.05	50.65	-27.60	AVG	
3		0.3635	25.99	9.78	35.77	58.65	-22.88	QP	
4		0.3635	15.52	9.78	25.30	48.65	-23.35	AVG	
5		0.6800	24.88	9.79	34.67	56.00	-21.33	QP	
6		0.6800	10.11	9.79	19.90	46.00	-26.10	AVG	
7	*	0.8150	25.72	9.80	35.52	56.00	-20.48	QP	
8		0.8150	13.78	9.80	23.58	46.00	-22.42	AVG	
9		1.6430	21.23	9.83	31.06	56.00	-24.94	QP	
10		1.6430	9.56	9.83	19.39	46.00	-26.61	AVG	
11		2.5790	24.82	9.93	34.75	56.00	-21.25	QP	
12		2.5790	13.25	9.93	23.18	46.00	-22.82	AVG	

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

File :09-0355-SE(GSM850)2ND Data :#2 Date: 2009/12/22



Site : Conducted Phase: *L2* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 120V/60Hz Humidity: 55 %

EUT:

M/N: PB65100

Mode: Normal Operation Mode

Note: Battery Model #2

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3600	25.08	9.78	34.86	58.73	-23.87	QP	
2		0.3600	13.42	9.78	23.20	48.73	-25.53	AVG	
3		0.6980	26.56	9.79	36.35	56.00	-19.65	QP	
4	*	0.6980	17.07	9.79	26.86	46.00	-19.14	AVG	
5		0.7700	26.26	9.80	36.06	56.00	-19.94	QP	
6		0.7700	16.02	9.80	25.82	46.00	-20.18	AVG	
7		0.9320	23.98	9.81	33.79	56.00	-22.21	QP	
8		0.9320	14.22	9.81	24.03	46.00	-21.97	AVG	
9		1.7060	24.56	9.82	34.38	56.00	-21.62	QP	
10		1.7060	14.91	9.82	24.73	46.00	-21.27	AVG	
11		2.5160	23.36	9.90	33.26	56.00	-22.74	QP	
12		2.5160	13.36	9.90	23.26	46.00	-22.74	AVG	

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

3. Radiated Emissions Requirements

3.1 Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4:2003 on radiated measurement.

The EUT was positioned such that the distance from antenna to the EUT was 10 meters for the frequency under 1GHz and 3 meters for the frequency above 1GHz.

The bandwidth below 1GHz setting on the field strength meter (R&S Test Receiver ESCI) is 120 kHz and above 1GHz is 1MHz.

3.2 Radiated Emissions Limits

Frequency range (MHz)	Field strength (microvolts/meter)	Measure-ment dis-tance (meters)
0.009 to 0.490	2400/F(kHz)	300
0.490 to 1.705	24000/F(kHz)	30
1.705 to 30.0	30	30
30 to 88	100**	3
88 to 216	150**	3
216 to 960	200**	3
Above 960	500**	3

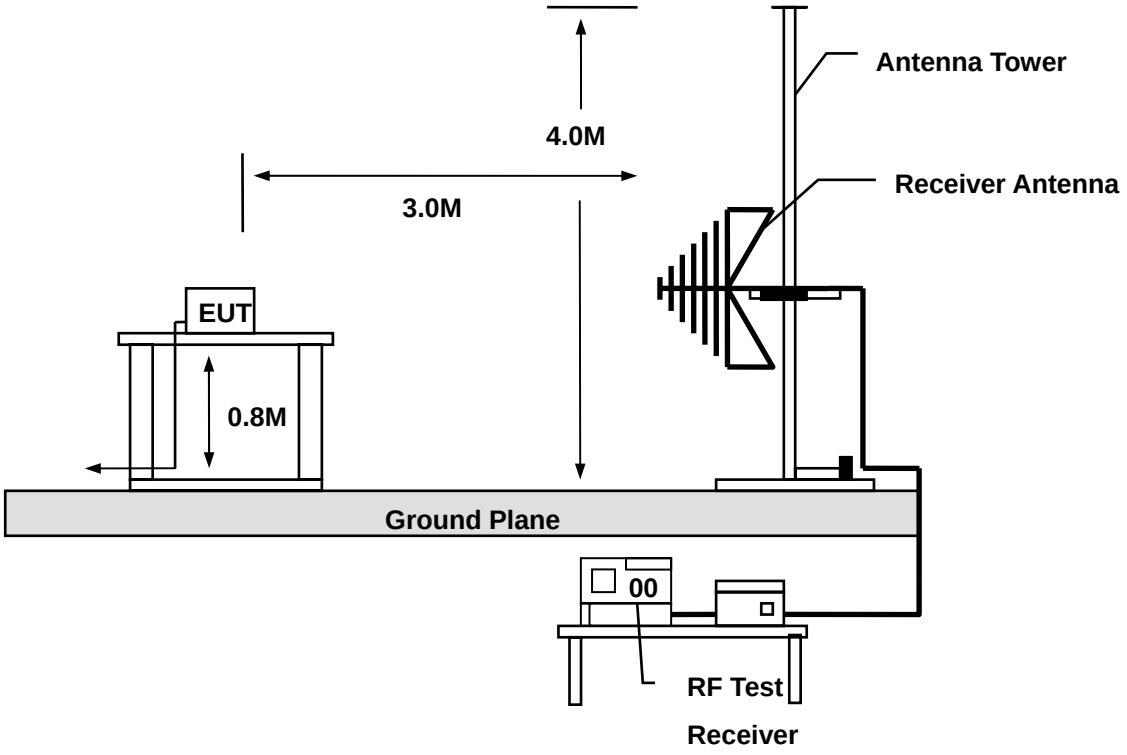
**Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54–72 MHz, 76– 88 MHz, 174–216 MHz or 470–806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§15.231 and 15.241.

3.3 Test Equipment List

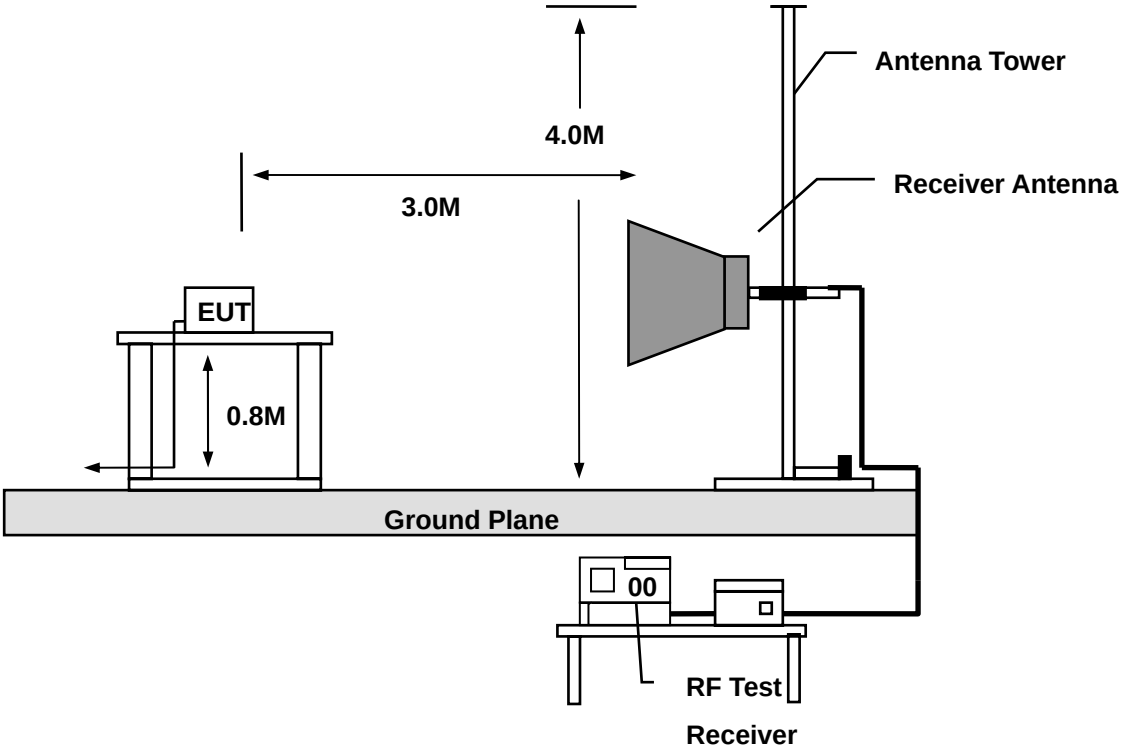
Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
RF Pre-selector	Agilent	N9039A	MY46520256	Jan. 27, 2009	Jan. 27, 2010
Spectrum Analyzer	Agilent	E4446A	MY46180578	Jan. 20, 2009	Jan. 20, 2010
Pre Amplifier	Agilent	8449B	3008A02457	Mar. 04, 2009	Mar. 04, 2010
Pre Amplifier	Agilent	8447D	2944A11119	Jan. 19, 2009	Jan. 19, 2010
Biconilog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	9163-270	Aug. 04, 2009	Aug. 04, 2010
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	Jul. 01, 2009	Jul. 01, 2010
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	Jun. 30, 2009	Jun. 30, 2010
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120E	0899	Jun. 23, 2009	Jun. 23, 2010

3.4 Test Instruments Configuration

30 MHz ~ 1 GHz



1GHz ~ 26.5 GHz



3.5 Test Results

EUT : Smartphone

Model No. : PB65100

Test Mode : #1 Normal Operation Mode
#2 IEEE 802.11b Link Mode
#3 IEEE 802.11g Link Mode

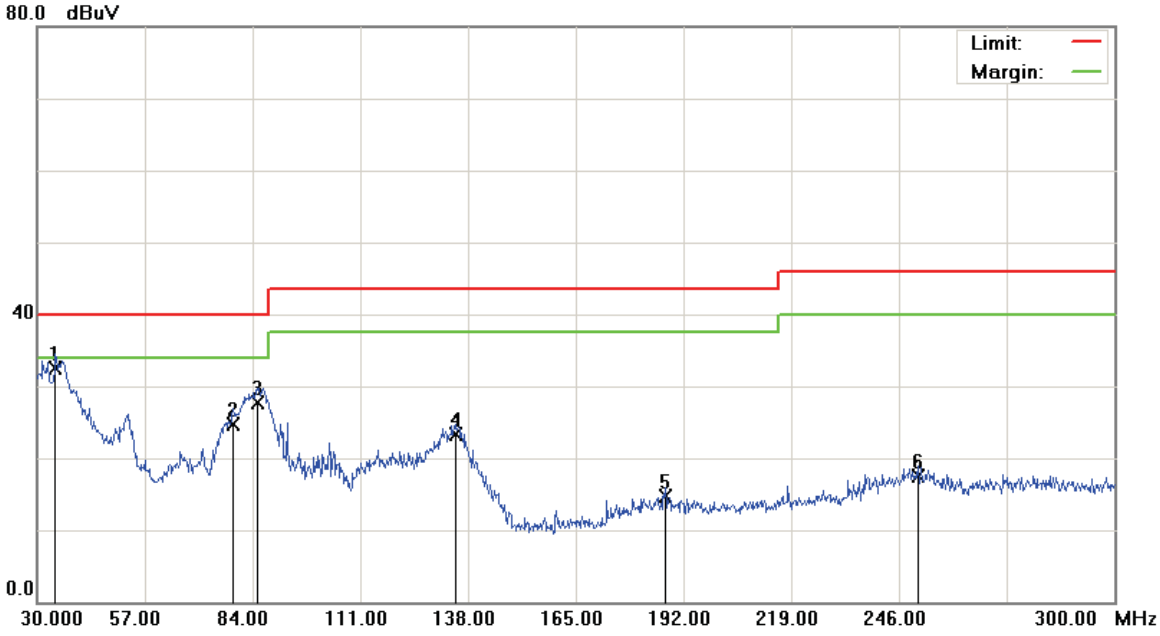
Test Date : 12/25~12/26/2009

Please refer to next page of detail testing data.

Notes:

1. Margin= Amplitude - Limits
2. Distance of Measurement: 3 Meter (30MHz-26.5GHz), 1 Meter (10-26.5GHz)
3. Height of table for EUT placed: 0.8 Meter.
4. ANT= Antenna height.
5. Amplitude= Reading Amplitude – Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
6. All frequencies from 30MHz to 26.5GHz have been tested

File :PB65100(Normal link) Data :#1 Date: 2009/12/25 Time: 上午 02:36:49



Site: : 966 Chamber
Limit: FCC Class B 3M Radiation
EUT:
M/N: PB65100
Mode: Normal Operation Mode
Note: Battery Model #1

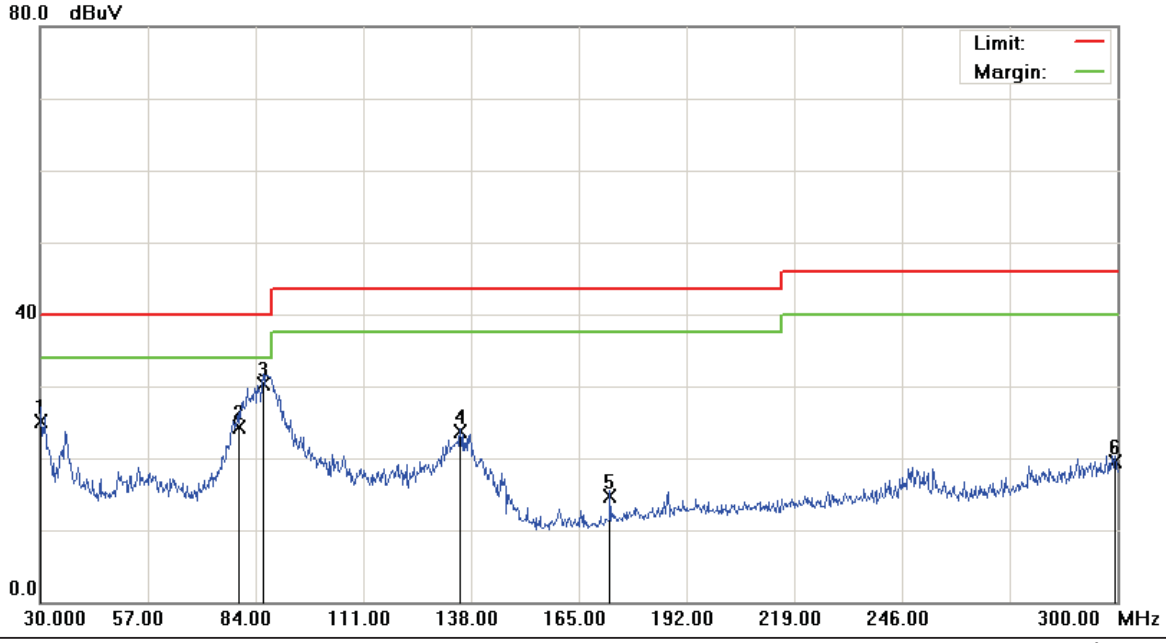
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1	*	34.5900	45.62	-13.20	32.42	40.00	-7.58	QP			
2		79.1400	41.39	-16.66	24.73	40.00	-15.27	QP			
3		85.0800	42.48	-14.70	27.78	40.00	-12.22	QP			
4		134.7600	39.28	-15.95	23.33	43.50	-20.17	QP			
5		187.4100	28.38	-13.60	14.78	43.50	-28.72	QP			
6		250.8600	28.47	-10.88	17.59	46.00	-28.41	QP			

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

File :PB65100(Normal link) Data :#3 Date: 2009/12/25 Time: 上午 02:42:36



Site: : 966 Chamber
Limit: FCC Class B 3M Radiation
EUT:
M/N: PB65100
Mode: Normal Operation Mode
Note: Battery Model #1

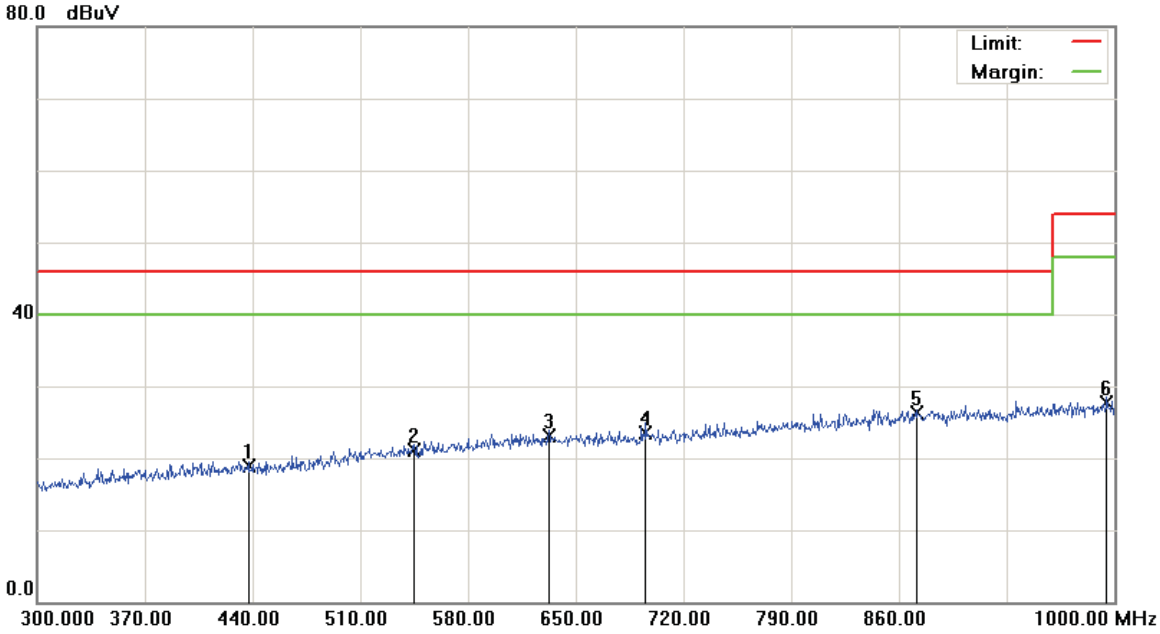
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		30.0000	38.42	-13.32	25.10	40.00	-14.90	QP			
2		79.6800	40.92	-16.59	24.33	40.00	-15.67	QP			
3	*	85.8900	44.83	-14.46	30.37	40.00	-9.63	QP			
4		135.3000	39.78	-15.99	23.79	43.50	-19.71	QP			
5		172.8300	29.62	-14.98	14.64	43.50	-28.86	QP			
6		299.4600	29.47	-10.00	19.47	46.00	-26.53	QP			

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

File :PB65100(Normal link) Data :#2 Date: 2009/12/25 Time: 上午 02:39:43



Site: : 966 Chamber
Limit: FCC Class B 3M Radiation
EUT:
M/N: PB65100
Mode: Normal Operation Mode
Note: Battery Model #1

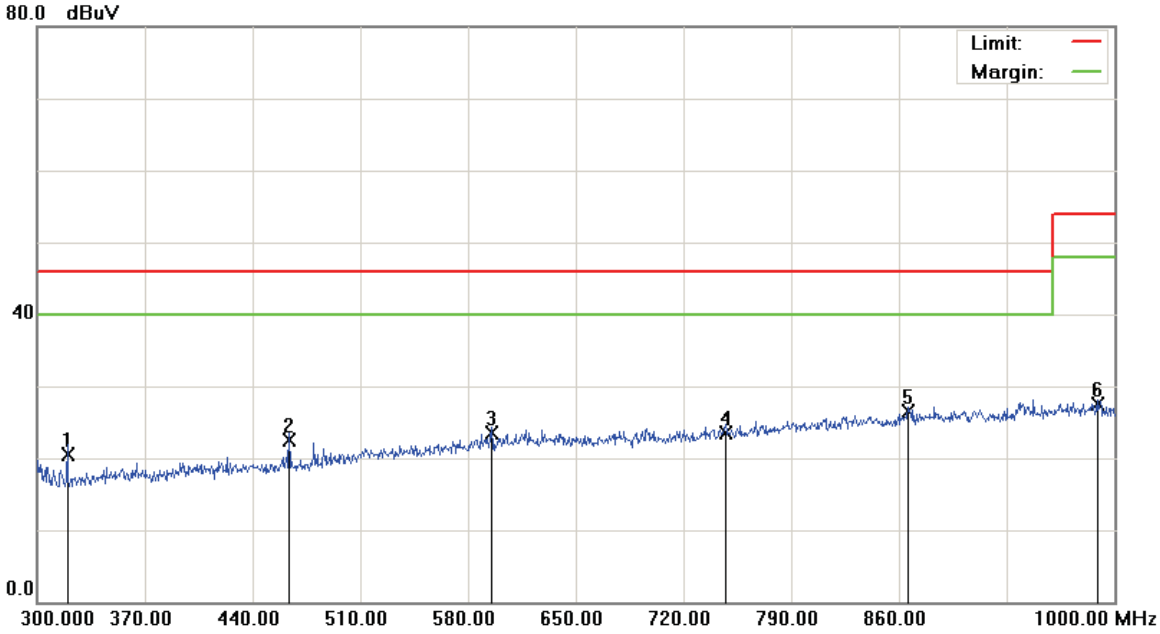
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		437.2000	26.83	-7.99	18.84	46.00	-27.16	QP			
2		545.0000	27.18	-6.06	21.12	46.00	-24.88	QP			
3		632.5000	27.42	-4.36	23.06	46.00	-22.94	QP			
4		695.5000	27.37	-3.85	23.52	46.00	-22.48	QP			
5	*	871.2000	27.17	-0.87	26.30	46.00	-19.70	QP			
6		995.1000	26.89	0.78	27.67	54.00	-26.33	QP			

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

File :PB65100(Normal link) Data :#4 Date: 2009/12/25 Time: 上午 02:45:31



Site: : 966 Chamber
Limit: FCC Class B 3M Radiation
EUT:
M/N: PB65100
Mode: Normal Operation Mode
Note: Battery Model #1

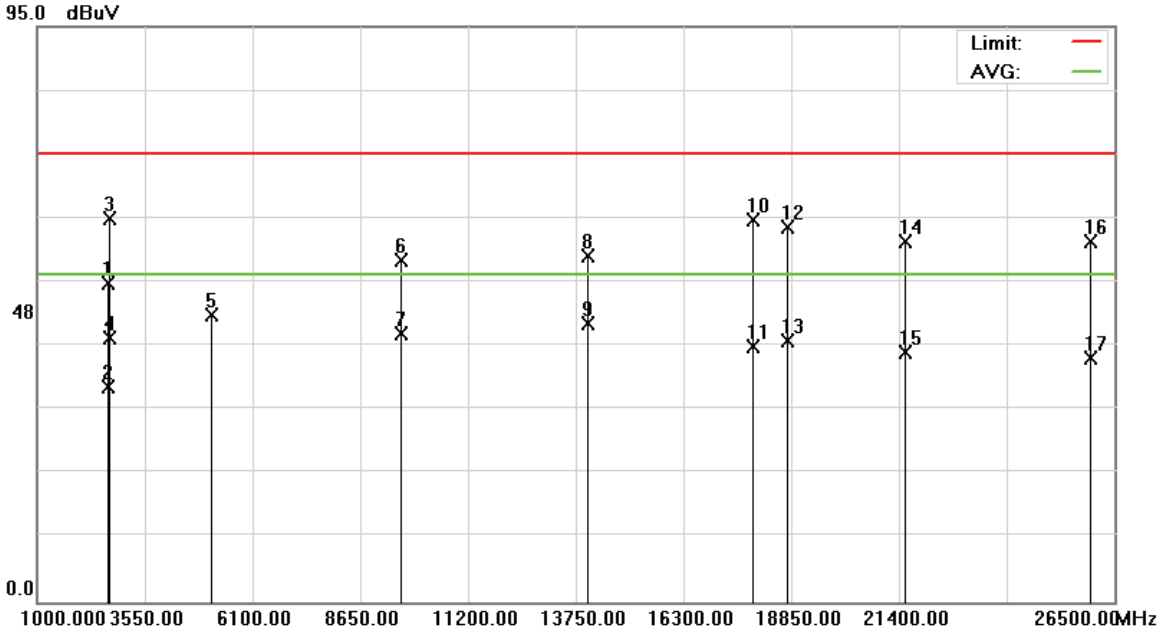
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		319.6000	30.41	-9.82	20.59	46.00	-25.41	QP			
2		463.8000	30.33	-7.85	22.48	46.00	-23.52	QP			
3		595.4000	28.47	-4.87	23.60	46.00	-22.40	QP			
4		747.3000	26.53	-3.11	23.42	46.00	-22.58	QP			
5	*	865.6000	26.97	-0.56	26.41	46.00	-19.59	QP			
6		988.8000	26.66	0.84	27.50	54.00	-26.50	QP			

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

File :PB65100(2412) power 20 Data :#17 Date: 2009/12/26 Time: 上午 02:18:25



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11b Link Mode
Note: CH01(2412MHz)
Battery Model #1

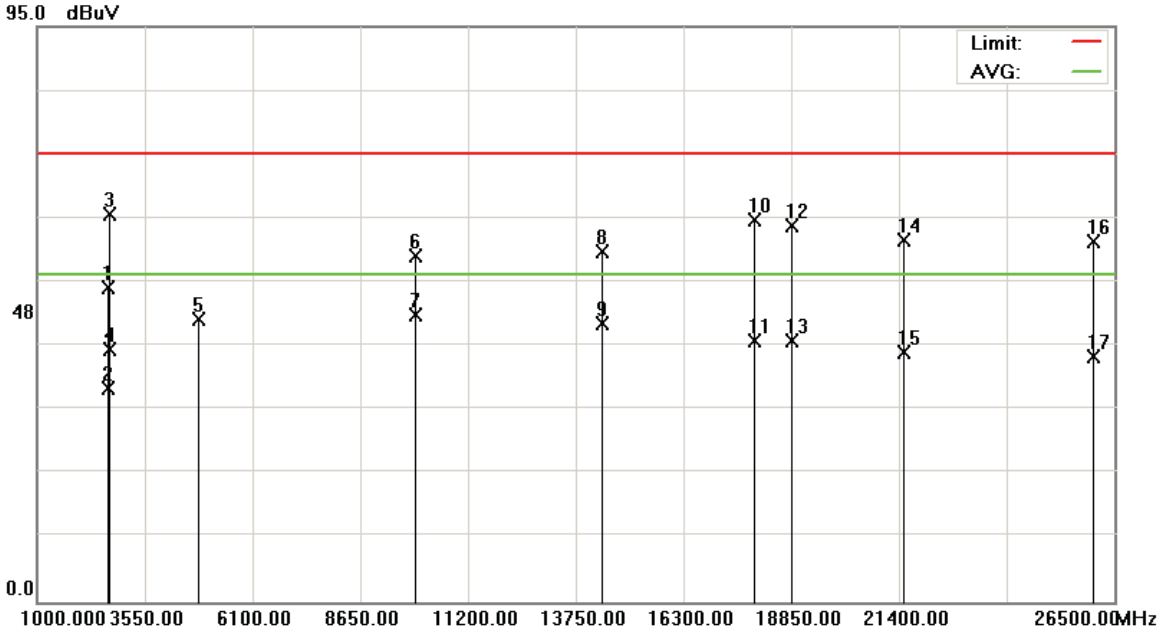
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2667.700	51.57	1.00	52.57	74.00	-21.43	peak			
2		2667.700	34.51	1.00	35.51	54.00	-18.49	AVG			
3		2700.000	40.63	22.58	63.21	74.00	-10.79	peak			
4		2700.000	21.09	22.58	43.67	54.00	-10.33	AVG			
5		5127.250	38.91	8.47	47.38	74.00	-26.62	peak			
6		9616.750	39.27	17.25	56.52	74.00	-17.48	peak			
7		9616.750	27.02	17.25	44.27	54.00	-9.73	AVG			
8		14020.000	28.89	28.21	57.10	74.00	-16.90	peak			
9	*	14020.000	17.83	28.21	46.04	54.00	-7.96	AVG			
10		17920.000	28.78	34.38	63.16	74.00	-10.84	peak			
11		17920.000	7.70	34.38	42.08	54.00	-11.92	AVG			
12		18743.750	38.64	23.13	61.77	74.00	-12.23	peak			
13		18743.750	20.07	23.13	43.20	54.00	-10.80	AVG			
14		21548.750	38.19	21.33	59.52	74.00	-14.48	peak			
15		21548.750	19.92	21.33	41.25	54.00	-12.75	AVG			
16		25926.250	40.96	18.62	59.58	74.00	-14.42	peak			
17		25926.250	21.74	18.62	40.36	54.00	-13.64	AVG			

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

File :PB65100(2412) power 20 Data :#18 Date: 2009/12/26 Time: 上午 02:20:20



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11b Link Mode
Note: CH01(2412MHz)
Battery Model #1

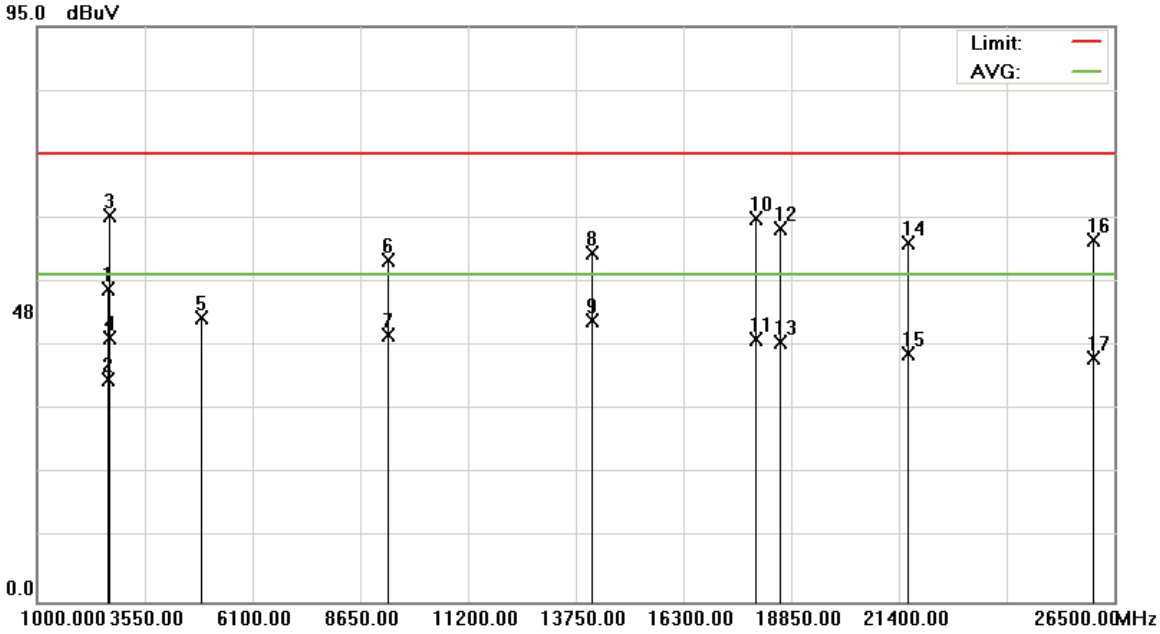
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2683.000	50.97	1.01	51.98	74.00	-22.02	peak			
2		2683.000	34.19	1.01	35.20	54.00	-18.80	AVG			
3		2700.000	41.51	22.58	64.09	74.00	-9.91	peak			
4		2700.000	19.00	22.58	41.58	54.00	-12.42	AVG			
5		4824.000	39.17	7.48	46.65	74.00	-27.35	peak			
6		9927.000	39.25	17.78	57.03	74.00	-16.97	peak			
7	*	9927.000	29.49	17.78	47.27	54.00	-6.73	AVG			
8		14340.000	29.67	28.08	57.75	74.00	-16.25	peak			
9		14340.000	17.91	28.08	45.99	54.00	-8.01	AVG			
10		17980.000	28.42	34.75	63.17	74.00	-10.83	peak			
11		17980.000	8.31	34.75	43.06	54.00	-10.94	AVG			
12		18828.750	38.93	23.15	62.08	74.00	-11.92	peak			
13		18828.750	19.99	23.15	43.14	54.00	-10.86	AVG			
14		21506.250	38.29	21.35	59.64	74.00	-14.36	peak			
15		21506.250	19.97	21.35	41.32	54.00	-12.68	AVG			
16		25968.750	41.00	18.58	59.58	74.00	-14.42	peak			
17		25968.750	21.91	18.58	40.49	54.00	-13.51	AVG			

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

File :PB65100(2437) power 20 Data :#17 Date: 2009/12/26 Time: 上午 02:22:31



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11b Link Mode
Note: CH06(2437MHz)
Battery Model #1

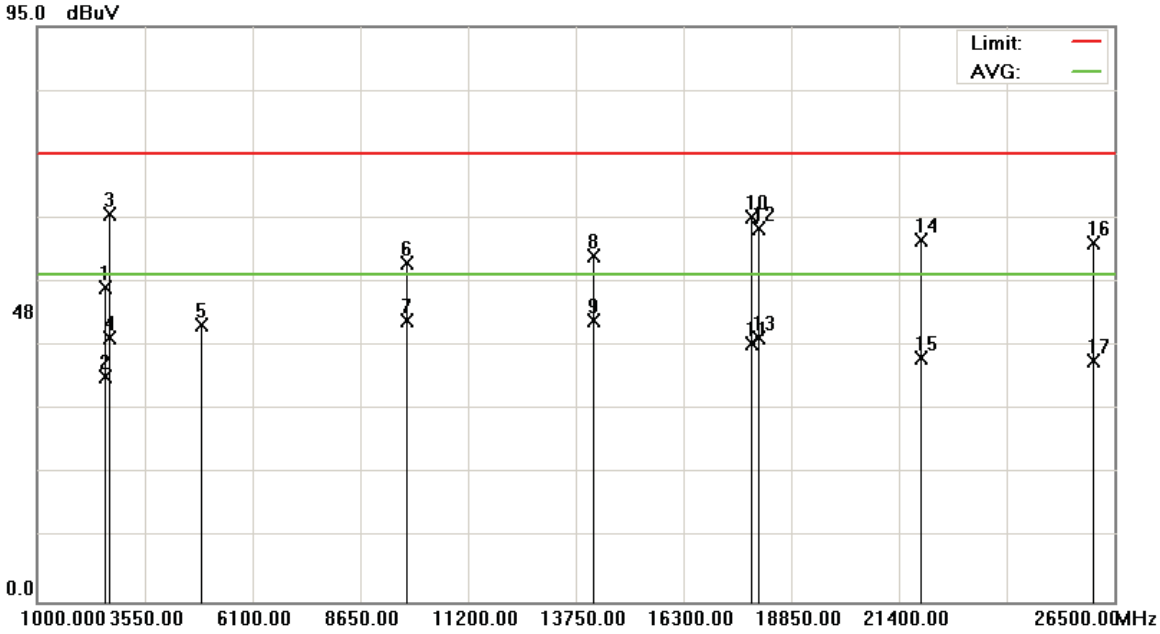
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2674.500	50.73	1.02	51.75	74.00	-22.25	peak			
2		2674.500	35.68	1.02	36.70	54.00	-17.30	AVG			
3		2700.000	41.29	22.58	63.87	74.00	-10.13	peak			
4		2700.000	21.00	22.58	43.58	54.00	-10.42	AVG			
5		4874.000	39.18	7.72	46.90	74.00	-27.10	peak			
6		9306.500	39.42	16.89	56.31	74.00	-17.69	peak			
7		9306.500	27.14	16.89	44.03	54.00	-9.97	AVG			
8		14120.000	29.23	28.41	57.64	74.00	-16.36	peak			
9	*	14120.000	18.03	28.41	46.44	54.00	-7.56	AVG			
10		18000.000	28.14	35.11	63.25	74.00	-10.75	peak			
11		18000.000	8.12	35.11	43.23	54.00	-10.77	AVG			
12		18595.000	38.63	23.07	61.70	74.00	-12.30	peak			
13		18595.000	19.73	23.07	42.80	54.00	-11.20	AVG			
14		21591.250	38.06	21.30	59.36	74.00	-14.64	peak			
15		21591.250	19.56	21.30	40.86	54.00	-13.14	AVG			
16		25990.000	41.23	18.56	59.79	74.00	-14.21	peak			
17		25990.000	21.71	18.56	40.27	54.00	-13.73	AVG			

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

File :PB65100(2437) power 20 Data :#18 Date: 2009/12/26 Time: 上午 02:24:26



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11b Link Mode
Note: CH06(2437MHz)
Battery Model #1

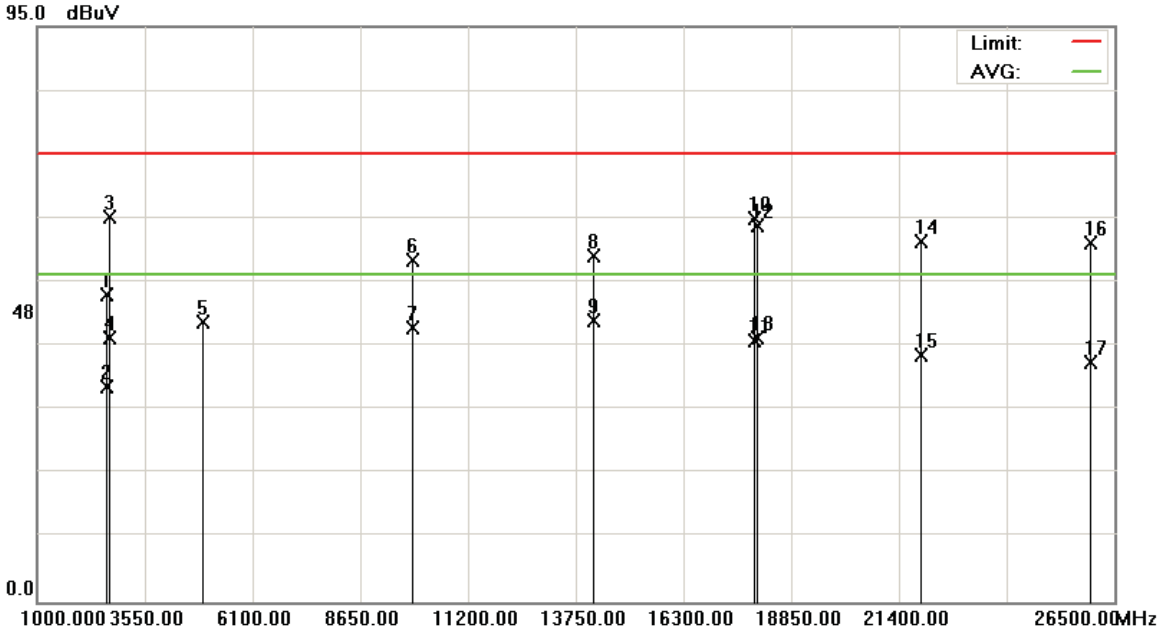
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2596.300	51.25	0.54	51.79	74.00	-22.21	peak			
2		2596.300	36.59	0.54	37.13	54.00	-16.87	AVG			
3		2700.000	41.35	22.58	63.93	74.00	-10.07	peak			
4		2700.000	20.96	22.58	43.54	54.00	-10.46	AVG			
5		4874.000	38.10	7.72	45.82	74.00	-28.18	peak			
6		9744.500	38.26	17.69	55.95	74.00	-18.05	peak			
7		9744.500	28.83	17.69	46.52	54.00	-7.48	AVG			
8		14140.000	28.84	28.38	57.22	74.00	-16.78	peak			
9	*	14140.000	18.15	28.38	46.53	54.00	-7.47	AVG			
10		17900.000	28.96	34.50	63.46	74.00	-10.54	peak			
11		17900.000	8.02	34.50	42.52	54.00	-11.48	AVG			
12		18085.000	38.35	23.25	61.60	74.00	-12.40	peak			
13		18085.000	20.23	23.25	43.48	54.00	-10.52	AVG			
14		21910.000	38.50	21.16	59.66	74.00	-14.34	peak			
15		21910.000	19.11	21.16	40.27	54.00	-13.73	AVG			
16		25990.000	40.75	18.56	59.31	74.00	-14.69	peak			
17		25990.000	21.32	18.56	39.88	54.00	-14.12	AVG			

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

File :PB65100(2462) power 20 Data :#17 Date: 2009/12/26 Time: 上午 02:26:44



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11b Link Mode
Note: CH11(2462MHz)
Battery Model #1

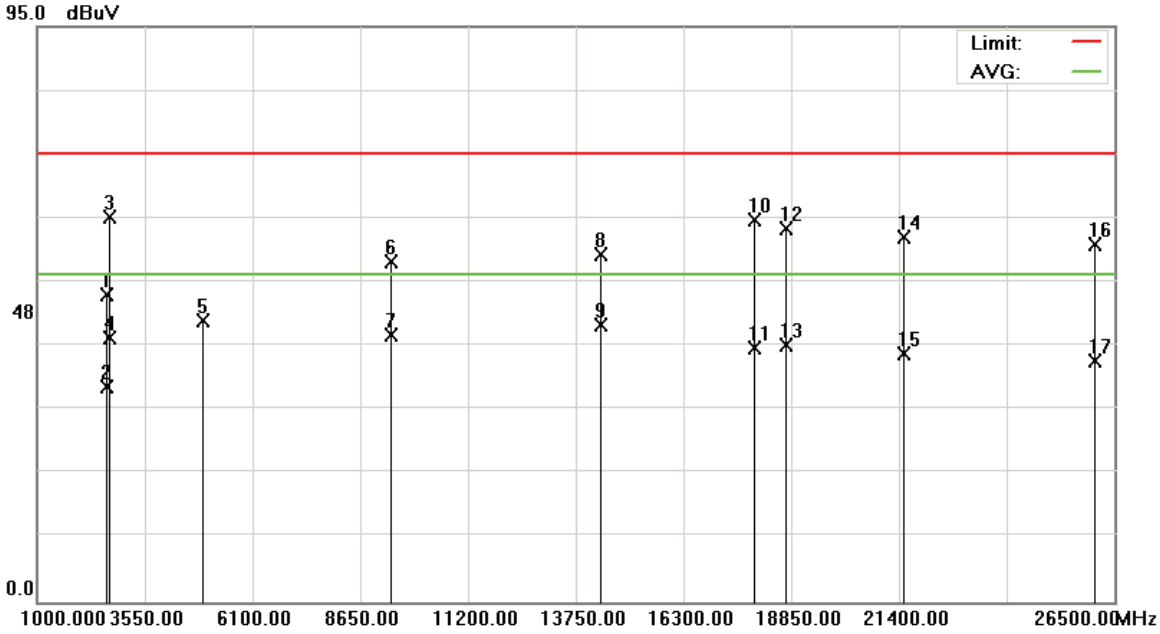
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2657.500	49.85	0.93	50.78	74.00	-23.22	peak			
2		2657.500	34.59	0.93	35.52	54.00	-18.48	AVG			
3		2700.000	40.95	22.58	63.53	74.00	-10.47	peak			
4		2700.000	21.04	22.58	43.62	54.00	-10.38	AVG			
5		4924.000	38.59	7.65	46.24	74.00	-27.76	peak			
6		9854.000	38.43	17.89	56.32	74.00	-17.68	peak			
7		9854.000	27.33	17.89	45.22	54.00	-8.78	AVG			
8		14180.000	28.84	28.39	57.23	74.00	-16.77	peak			
9	*	14180.000	18.07	28.39	46.46	54.00	-7.54	AVG			
10		17980.000	28.47	34.75	63.22	74.00	-10.78	peak			
11		17980.000	8.35	34.75	43.10	54.00	-10.90	AVG			
12		18042.500	38.80	23.27	62.07	74.00	-11.93	peak			
13		18042.500	20.22	23.27	43.49	54.00	-10.51	AVG			
14		21910.000	38.38	21.16	59.54	74.00	-14.46	peak			
15		21910.000	19.54	21.16	40.70	54.00	-13.30	AVG			
16		25926.250	40.66	18.62	59.28	74.00	-14.72	peak			
17		25926.250	20.91	18.62	39.53	54.00	-14.47	AVG			

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

File :PB65100(2462) power 20 Data :#18 Date: 2009/12/26 Time: 上午 02:28:38



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11b Link Mode
Note: CH11(2462MHz)
Battery Model #1

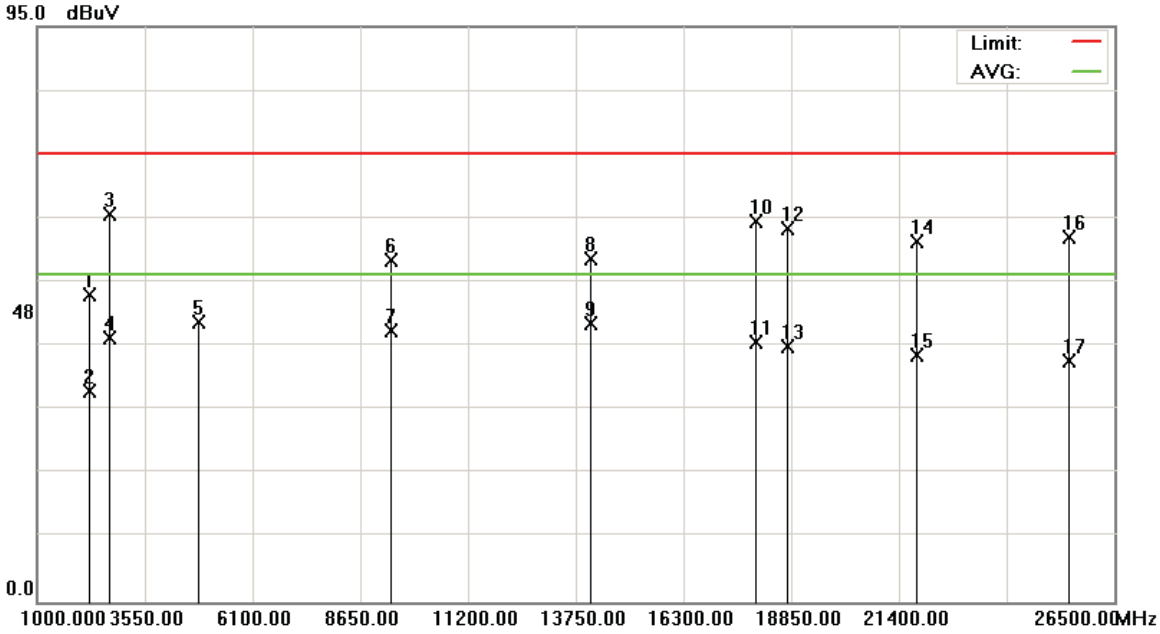
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2650.700	49.83	0.96	50.79	74.00	-23.21	peak			
2		2650.700	34.57	0.96	35.53	54.00	-18.47	AVG			
3		2700.000	41.07	22.58	63.65	74.00	-10.35	peak			
4		2700.000	21.09	22.58	43.67	54.00	-10.33	AVG			
5		4924.000	38.84	7.65	46.49	74.00	-27.51	peak			
6		9379.500	39.22	17.03	56.25	74.00	-17.75	peak			
7		9379.500	27.09	17.03	44.12	54.00	-9.88	AVG			
8		14320.000	29.35	28.11	57.46	74.00	-16.54	peak			
9	*	14320.000	17.71	28.11	45.82	54.00	-8.18	AVG			
10		17960.000	28.58	34.38	62.96	74.00	-11.04	peak			
11		17960.000	7.58	34.38	41.96	54.00	-12.04	AVG			
12		18701.250	38.64	23.11	61.75	74.00	-12.25	peak			
13		18701.250	19.20	23.11	42.31	54.00	-11.69	AVG			
14		21527.500	38.91	21.35	60.26	74.00	-13.74	peak			
15		21527.500	19.57	21.35	40.92	54.00	-13.08	AVG			
16		26032.500	40.43	18.54	58.97	74.00	-15.03	peak			
17		26032.500	21.20	18.54	39.74	54.00	-14.26	AVG			

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

File :PB65100(2412) power 15 Data :#17 Date: 2009/12/26 Time: 下午 03:20:30



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11g Link Mode
Note: CH01(2412MHz)
Battery Model #1

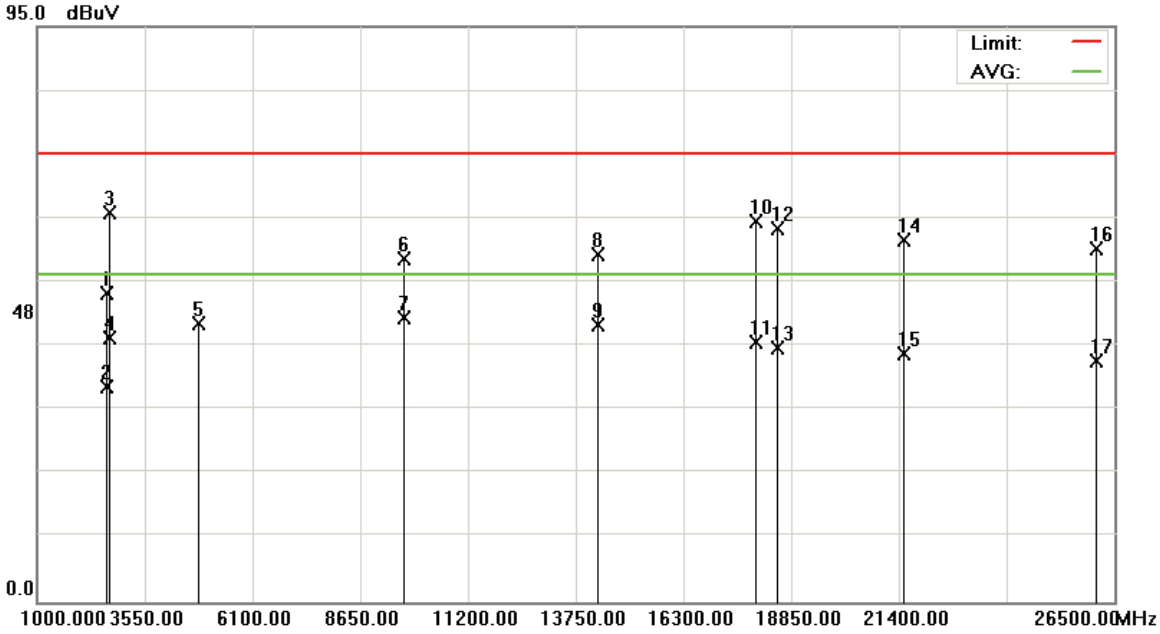
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2235.900	50.32	0.45	50.77	74.00	-23.23	peak			
2		2235.900	34.29	0.45	34.74	54.00	-19.26	AVG			
3		2700.000	41.39	22.58	63.97	74.00	-10.03	peak			
4		2700.000	21.01	22.58	43.59	54.00	-10.41	AVG			
5		4824.000	38.74	7.48	46.22	74.00	-27.78	peak			
6		9361.250	39.39	16.98	56.37	74.00	-17.63	peak			
7		9361.250	27.90	16.98	44.88	54.00	-9.12	AVG			
8		14100.000	28.25	28.44	56.69	74.00	-17.31	peak			
9	*	14100.000	17.47	28.44	45.91	54.00	-8.09	AVG			
10		18000.000	27.74	35.11	62.85	74.00	-11.15	peak			
11		18000.000	7.68	35.11	42.79	54.00	-11.21	AVG			
12		18743.750	38.48	23.13	61.61	74.00	-12.39	peak			
13		18743.750	19.07	23.13	42.20	54.00	-11.80	AVG			
14		21803.750	38.18	21.21	59.39	74.00	-14.61	peak			
15		21803.750	19.51	21.21	40.72	54.00	-13.28	AVG			
16		25416.250	41.11	19.03	60.14	74.00	-13.86	peak			
17		25416.250	20.77	19.03	39.80	54.00	-14.20	AVG			

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

File :PB65100(2412) power 15 Data :#18 Date: 2009/12/26 Time: 下午 03:22:30



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11g Link Mode
Note: CH01(2412MHz)
Battery Model #1

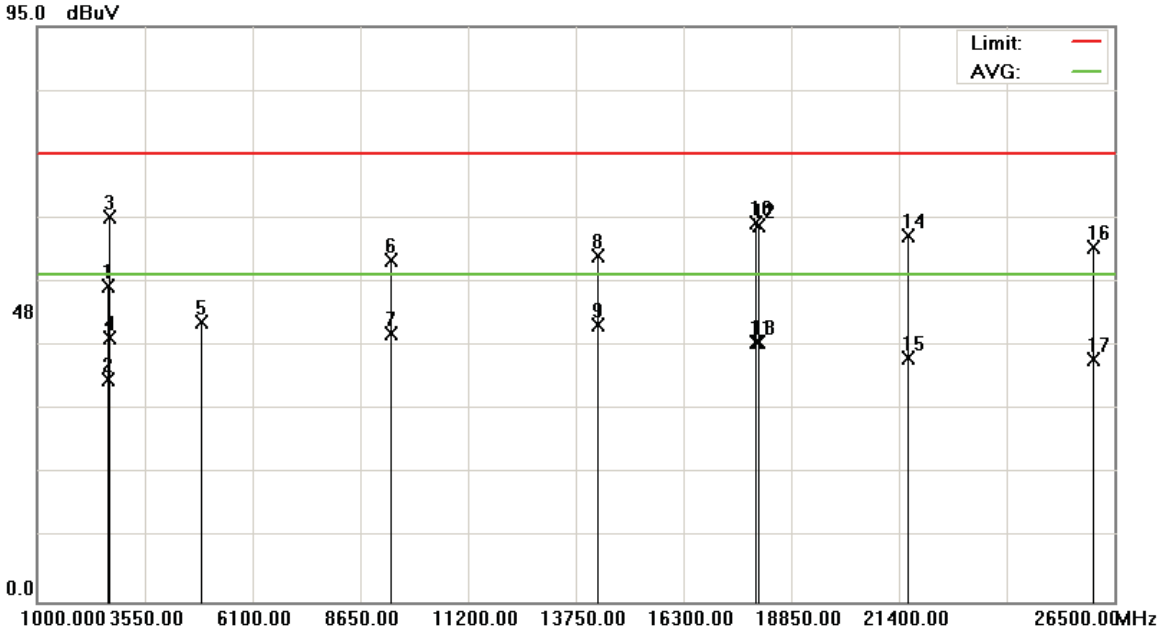
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2640.500	49.88	0.97	50.85	74.00	-23.15	peak			
2		2640.500	34.61	0.97	35.58	54.00	-18.42	AVG			
3		2700.000	41.74	22.58	64.32	74.00	-9.68	peak			
4		2700.000	20.96	22.58	43.54	54.00	-10.46	AVG			
5		4824.000	38.42	7.48	45.90	74.00	-28.10	peak			
6		9689.750	39.33	17.35	56.68	74.00	-17.32	peak			
7	*	9689.750	29.58	17.35	46.93	54.00	-7.07	AVG			
8		14260.000	29.12	28.20	57.32	74.00	-16.68	peak			
9		14260.000	17.51	28.20	45.71	54.00	-8.29	AVG			
10		18000.000	27.75	35.11	62.86	74.00	-11.14	peak			
11		18000.000	7.70	35.11	42.81	54.00	-11.19	AVG			
12		18510.000	38.46	23.10	61.56	74.00	-12.44	peak			
13		18510.000	18.86	23.10	41.96	54.00	-12.04	AVG			
14		21506.250	38.49	21.35	59.84	74.00	-14.16	peak			
15		21506.250	19.64	21.35	40.99	54.00	-13.01	AVG			
16		26053.750	39.73	18.52	58.25	74.00	-15.75	peak			
17		26053.750	21.32	18.52	39.84	54.00	-14.16	AVG			

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

File :PB65100(2437) power15 Data :#17 Date: 2009/12/26 Time: 下午 03:26:21



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11g Link Mode
Note: CH06(2437MHz)
Battery Model #1

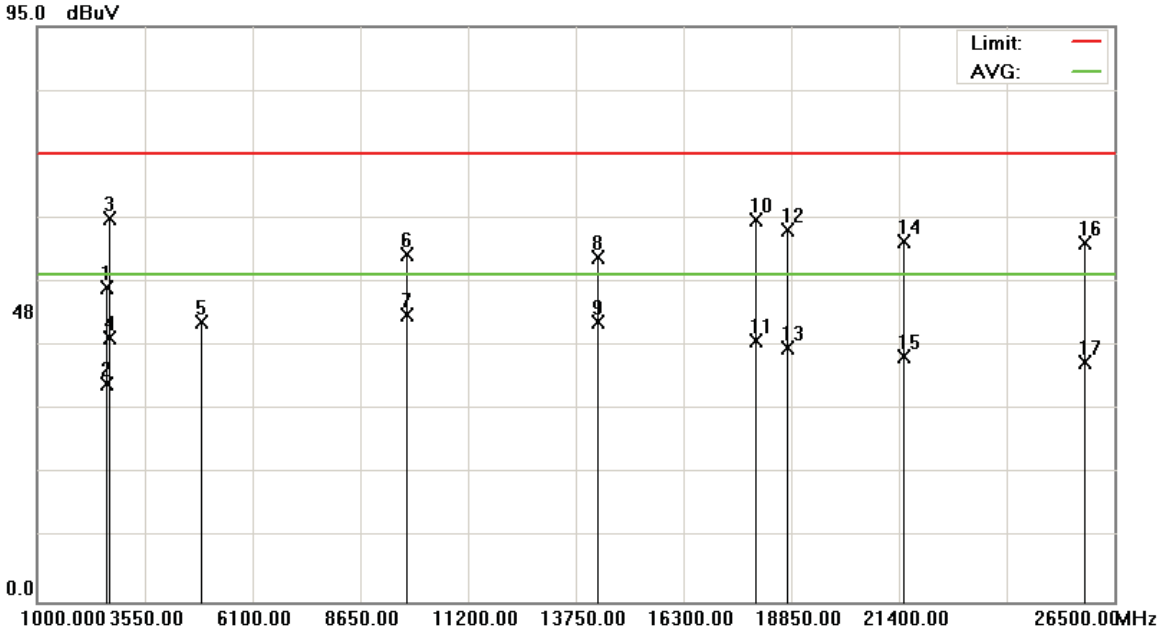
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2683.000	51.18	1.01	52.19	74.00	-21.81	peak			
2		2683.000	35.69	1.01	36.70	54.00	-17.30	AVG			
3		2700.000	40.97	22.58	63.55	74.00	-10.45	peak			
4		2700.000	20.91	22.58	43.49	54.00	-10.51	AVG			
5		4874.000	38.53	7.72	46.25	74.00	-27.75	peak			
6		9343.000	39.59	16.93	56.52	74.00	-17.48	peak			
7		9343.000	27.30	16.93	44.23	54.00	-9.77	AVG			
8		14260.000	28.82	28.20	57.02	74.00	-16.98	peak			
9	*	14260.000	17.57	28.20	45.77	54.00	-8.23	AVG			
10		18000.000	27.41	35.11	62.52	74.00	-11.48	peak			
11		18000.000	7.68	35.11	42.79	54.00	-11.21	AVG			
12		18063.750	38.86	23.26	62.12	74.00	-11.88	peak			
13		18063.750	19.70	23.26	42.96	54.00	-11.04	AVG			
14		21591.250	39.04	21.30	60.34	74.00	-13.66	peak			
15		21591.250	19.03	21.30	40.33	54.00	-13.67	AVG			
16		26011.250	40.03	18.54	58.57	74.00	-15.43	peak			
17		26011.250	21.40	18.54	39.94	54.00	-14.06	AVG			

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

File :PB65100(2437) power15 Data :#18 Date: 2009/12/26 Time: 下午 03:30:07



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11g Link Mode
Note: CH06(2437MHz)
Battery Model #1

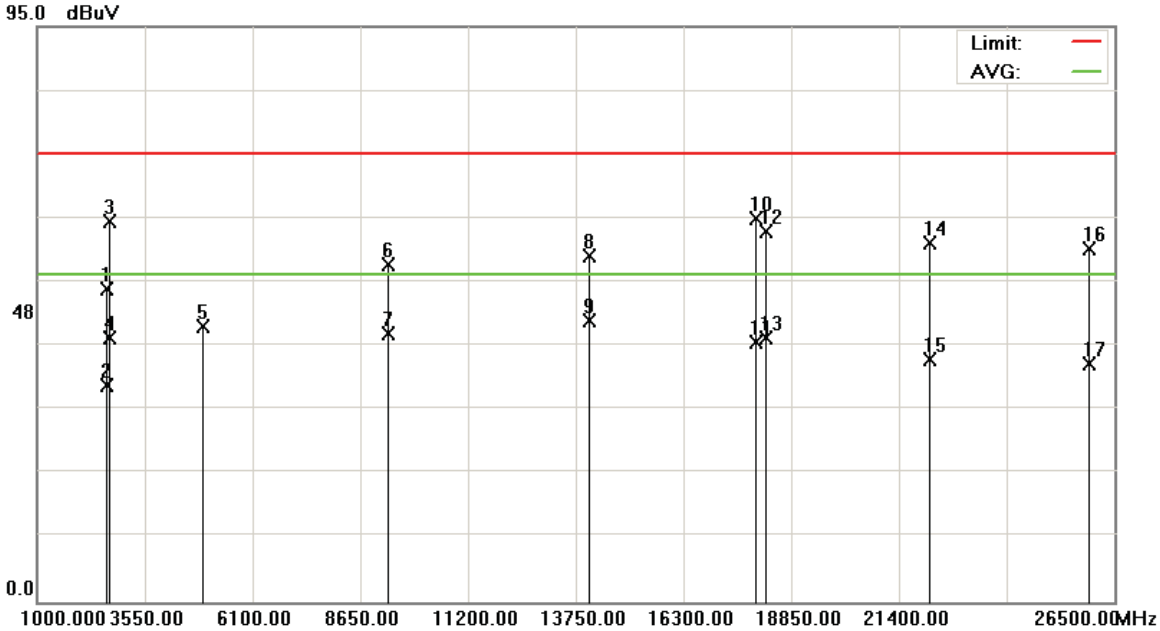
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2655.800	50.97	0.94	51.91	74.00	-22.09	peak			
2		2655.800	34.97	0.94	35.91	54.00	-18.09	AVG			
3		2700.000	40.73	22.58	63.31	74.00	-10.69	peak			
4		2700.000	21.05	22.58	43.63	54.00	-10.37	AVG			
5		4874.000	38.44	7.72	46.16	74.00	-27.84	peak			
6		9744.500	39.56	17.69	57.25	74.00	-16.75	peak			
7	*	9744.500	29.59	17.69	47.28	54.00	-6.72	AVG			
8		14280.000	28.64	28.17	56.81	74.00	-17.19	peak			
9		14280.000	17.91	28.17	46.08	54.00	-7.92	AVG			
10		18000.000	27.85	35.11	62.96	74.00	-11.04	peak			
11		18000.000	8.11	35.11	43.22	54.00	-10.78	AVG			
12		18765.000	38.32	23.13	61.45	74.00	-12.55	peak			
13		18765.000	18.85	23.13	41.98	54.00	-12.02	AVG			
14		21506.250	38.13	21.35	59.48	74.00	-14.52	peak			
15		21506.250	19.24	21.35	40.59	54.00	-13.41	AVG			
16		25777.500	40.43	18.74	59.17	74.00	-14.83	peak			
17		25777.500	20.85	18.74	39.59	54.00	-14.41	AVG			

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

File :PB65100(2462) power15 Data :#17 Date: 2009/12/26 Time: 下午 03:35:40



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11g Link Mode
Note: CH11(2462MHz)
Battery Model #1

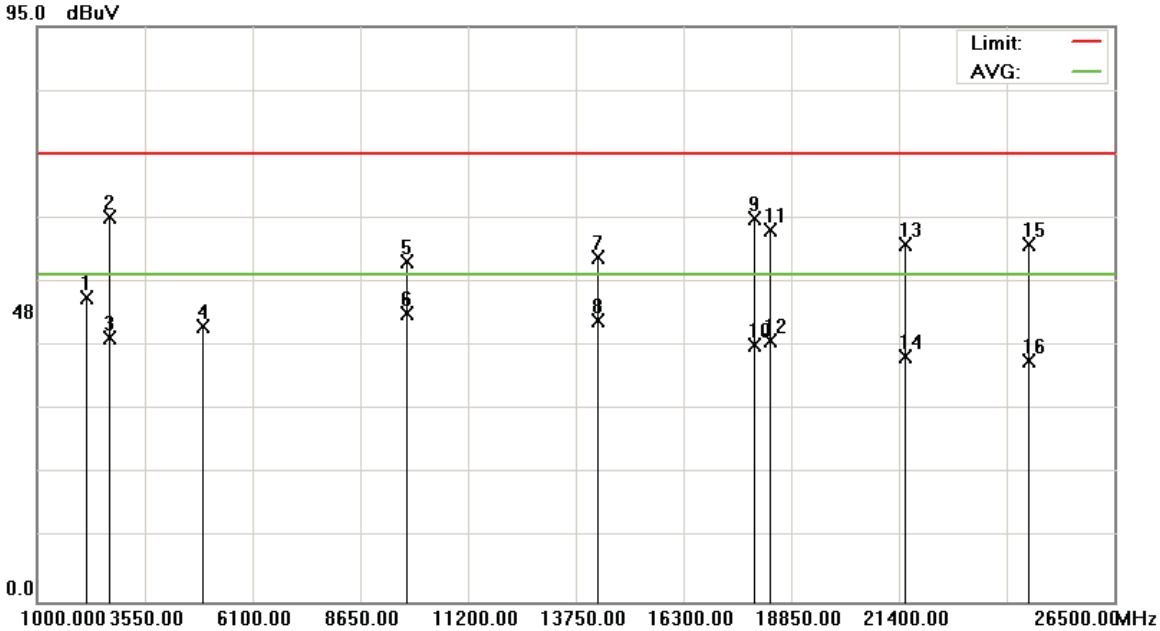
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2635.400	50.65	0.95	51.60	74.00	-22.40	peak			
2		2635.400	34.74	0.95	35.69	54.00	-18.31	AVG			
3		2700.000	40.32	22.58	62.90	74.00	-11.10	peak			
4		2700.000	21.00	22.58	43.58	54.00	-10.42	AVG			
5		4924.000	37.90	7.65	45.55	74.00	-28.45	peak			
6		9306.500	38.91	16.89	55.80	74.00	-18.20	peak			
7		9306.500	27.42	16.89	44.31	54.00	-9.69	AVG			
8		14080.000	28.84	28.35	57.19	74.00	-16.81	peak			
9	*	14080.000	18.15	28.35	46.50	54.00	-7.50	AVG			
10		18000.000	28.09	35.11	63.20	74.00	-10.80	peak			
11		18000.000	7.69	35.11	42.80	54.00	-11.20	AVG			
12		18255.000	38.03	23.20	61.23	74.00	-12.77	peak			
13		18255.000	20.35	23.20	43.55	54.00	-10.45	AVG			
14		22101.250	38.12	21.06	59.18	74.00	-14.82	peak			
15		22101.250	19.06	21.06	40.12	54.00	-13.88	AVG			
16		25905.000	39.68	18.63	58.31	74.00	-15.69	peak			
17		25905.000	20.60	18.63	39.23	54.00	-14.77	AVG			

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

File :PB65100(2462) power15 Data :#18 Date: 2009/12/26 Time: 下午 03:38:50



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11g Link Mode
Note: CH11(2462MHz)
Battery Model #1

Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		2169.600	50.10	0.16	50.26	74.00	-23.74	peak			
2		2700.000	40.97	22.58	63.55	74.00	-10.45	peak			
3		2700.000	20.95	22.58	43.53	54.00	-10.47	AVG			
4		4924.000	37.82	7.65	45.47	74.00	-28.53	peak			
5		9744.500	38.51	17.69	56.20	74.00	-17.80	peak			
6	*	9744.500	29.84	17.69	47.53	54.00	-6.47	AVG			
7		14280.000	28.67	28.17	56.84	74.00	-17.16	peak			
8		14280.000	18.32	28.17	46.49	54.00	-7.51	AVG			
9		17980.000	28.45	34.75	63.20	74.00	-10.80	peak			
10		17980.000	7.58	34.75	42.33	54.00	-11.67	AVG			
11		18318.750	38.19	23.19	61.38	74.00	-12.62	peak			
12		18318.750	20.00	23.19	43.19	54.00	-10.81	AVG			
13		21548.750	37.69	21.33	59.02	74.00	-14.98	peak			
14		21548.750	19.18	21.33	40.51	54.00	-13.49	AVG			
15		24438.750	39.30	19.69	58.99	74.00	-15.01	peak			
16		24438.750	20.10	19.69	39.79	54.00	-14.21	AVG			

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

4. Maximum Conducted Output Power Requirements

4.1 Test Procedure

The tests below are run with the EUT's transmitter set at high power in TX mode. The EUT is needed to force selection of output power level and channel number. While testing, EUT was set to transmit continuously. Remove the Subjective device's antenna and connect the RF output port to spectrum analyzer. The maximum peak output power shall not exceed 1 watt.

Use a direct connection between the antenna port of transmitter and the spectrum Analyzer, for prevent the spectrum analyzer input attenuation 40-50 dB. Set the RBW Bandwidth of the emission or use a channel power meter mode.

For antennas with gains of 6 dBi or less, maximum allowed transmitter output is 1 watt (+30 dBm). For antennas with gains greater than 6 dBi, transmitter output level must be decreased by an amount equal to (GAIN - 6)/3 dBm.

The antenna port of the EUT was connected to the input of a spectrum analyzer. Power was read directly and cable loss correction was added to the reading to obtain power at the EUT antenna terminals.

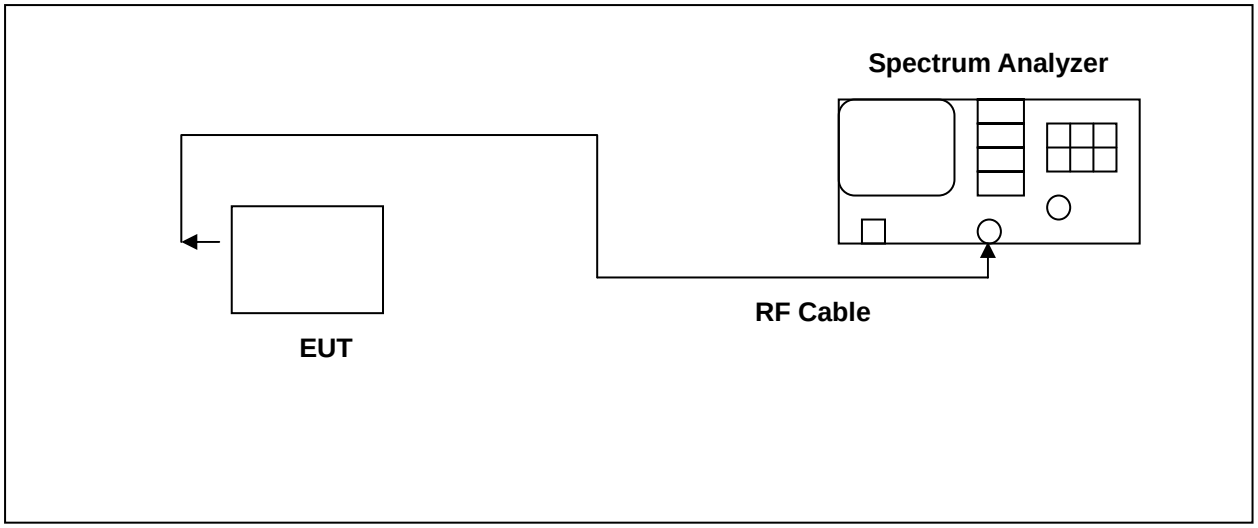
4.2 Limits

For systems using digital modulation in the 2400 - 2483.5 MHz bands: 1 Watt.

4.3 Test Equipment List

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY46181986	May 15, 2009	May 15, 2010

4.4 Test Instruments Configuration



4.5 Test Result

IEEE 802.11b

Frequency (MHz)	Average		Peak		Required Limit
	dBm	W	dBm	W	
2412	14.83	0.030	**17.61**	**0.058**	< 1W
2437	14.68	0.029	17.12	0.052	< 1W
2462	14.63	0.029	16.89	0.049	< 1W

IEEE 802.11g

Frequency (MHz)	Average		Peak		Required Limit
	dBm	W	dBm	W	
2412	9.69	0.009	19.27	0.085	< 1W
2437	9.83	0.010	**19.83**	**0.096**	< 1W
2462	9.88	0.010	19.17	0.083	< 1W

5. Minimum 6dB RF Bandwidth Requirements

5.1 Test Procedure

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The antenna port of the EUT was connected to the input of a spectrum analyzer. Analyzer RES BW was set to 100 kHz. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. A peak output reading was taken, a DISPLAY line was drawn 6 dB lower than peak level. The 6 dB bandwidth was determined from where the channel output spectrum intersected the display line.

The test was performed at 3 channels (Channel 1, 6, 11)

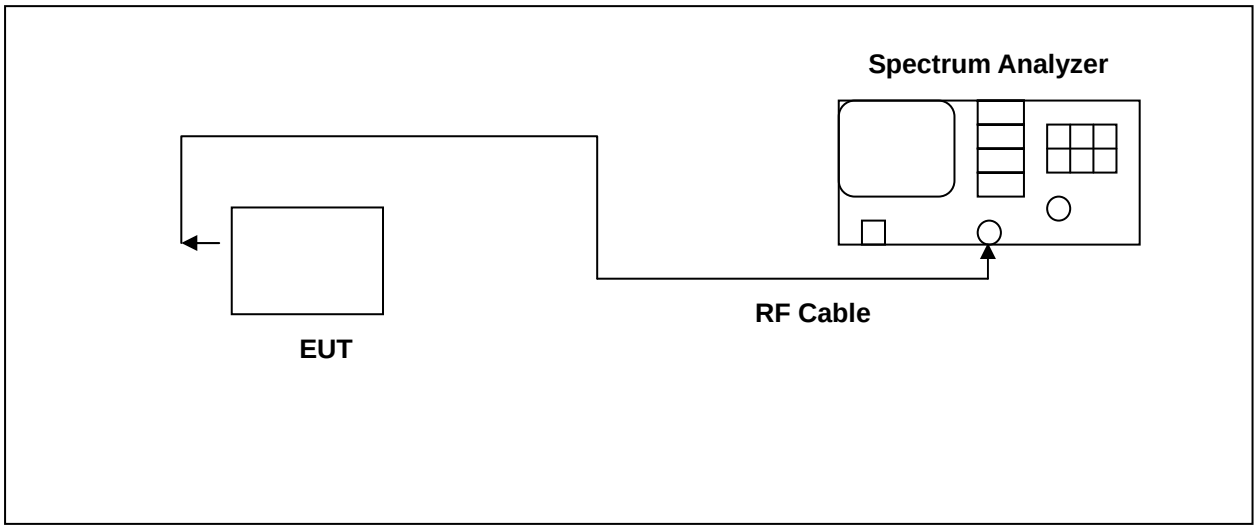
5.2 Limits

Systems using digital modulation techniques may operate in the 2400–2483.5 MHz bands. The minimum 6 dB band-width shall be at least 500 kHz.

5.3 Test Equipment List

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY46181986	May 15, 2009	May 15, 2010

5.4 Test Instruments Configuration



5.5 Test Result

IEEE 802.11b

Frequency (MHz)	Min. 6dB Bandwidth (KHz)	Required Limit
2412	10000	> 500 KHz
2437	10000	> 500 KHz
2462	10000	> 500 KHz

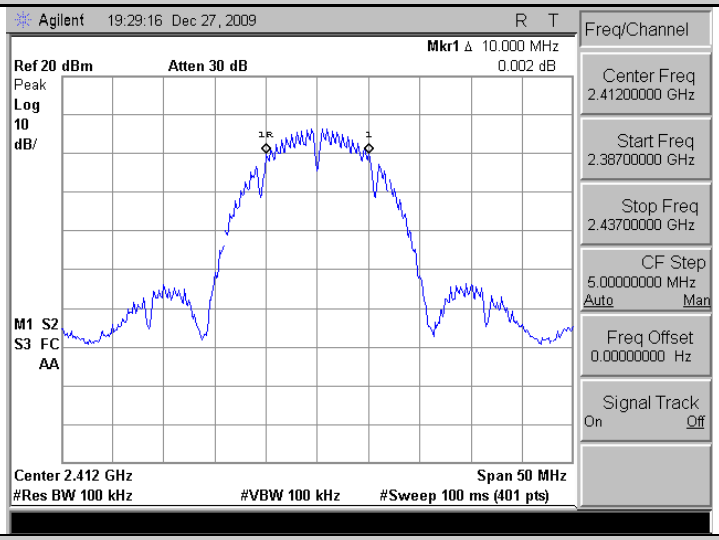
IEEE 802.11g

Frequency (MHz)	Min. 6dB Bandwidth (KHz)	Required Limit
2412	16375	> 500 KHz
2437	16250	> 500 KHz
2462	16125	> 500 KHz

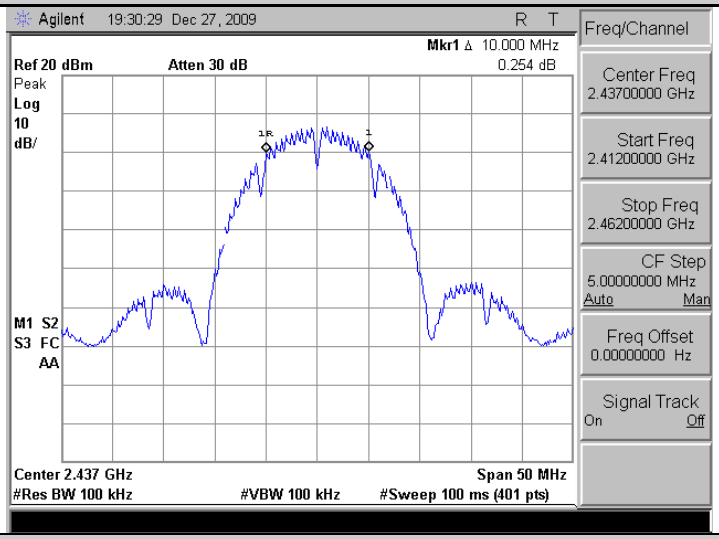
Note: Test Graphs See next page.

5.6 Test Graphs

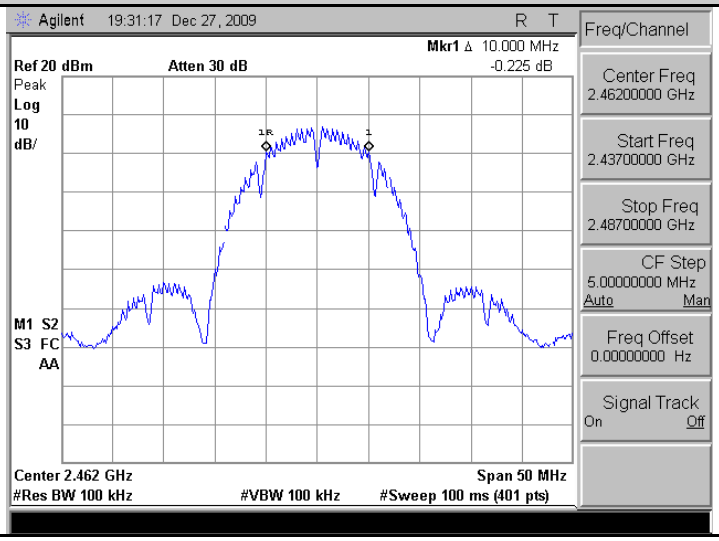
IEEE 802.11b
2412MHz



2437MHz

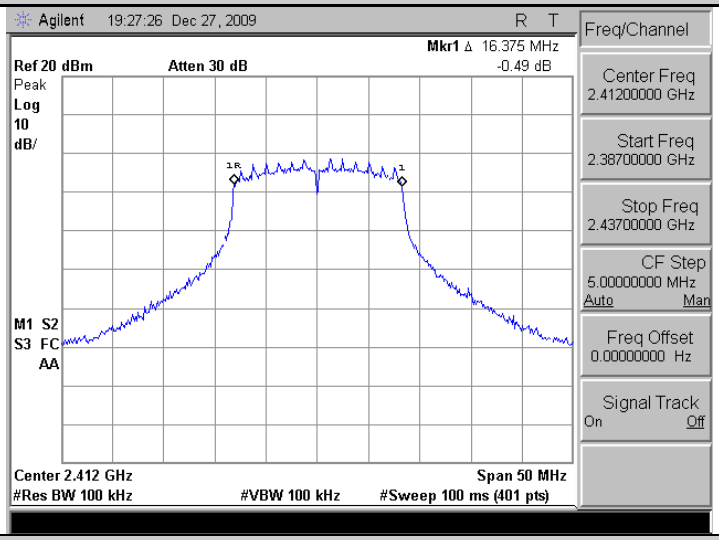


2462MHz

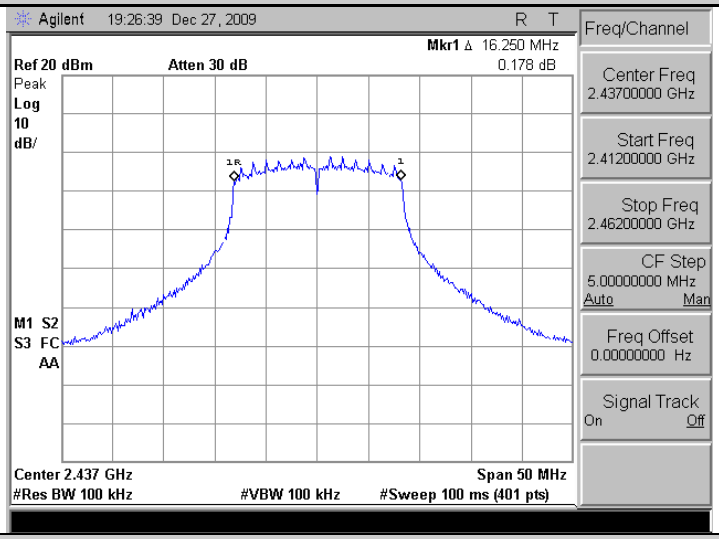


IEEE 802.11g

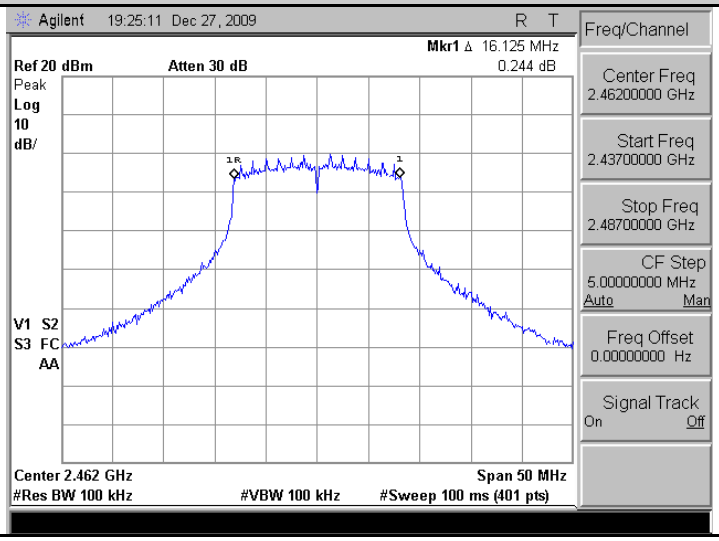
2412MHz



2437MHz



2462MHz



6. Maximum Power Density Requirements

6.1 Test Procedure

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The spectrum analyzer RES BW was set to 3 kHz. The START and STOP frequencies were set to the band edges of the maximum output pass band. If there is no clear maximum amplitude in any given portion of the band, it may be necessary to make measurements at a number of bands defined by several START and STOP frequency pairs. The specification calls for a 1 second interval at each 3 kHz bandwidth; total SWEEP TIME is calculated as follows:

SWEEP TIME (SEC) = (Fstop, kHz - Fstart, kHz)/3 kHz

Antenna output of the EUT was coupled directly to spectrum analyzer; if an external attenuator and/or cable was used, these losses are compensated for with the analyzer OFFSET function.

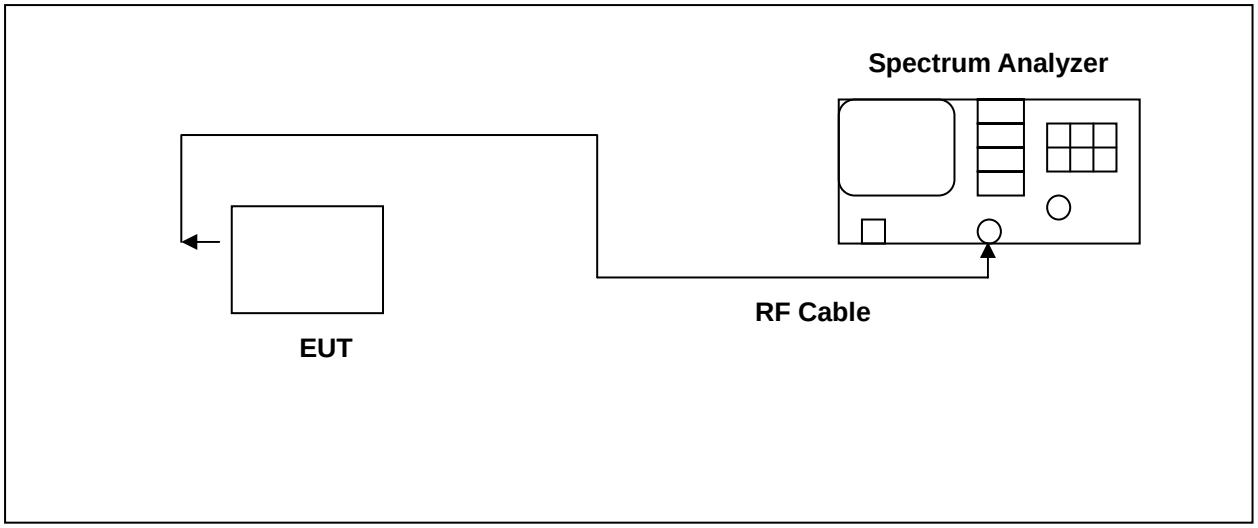
6.2 Limits

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

6.3 Test Equipment List

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY46181986	May 15, 2009	May 15, 2010

6.4 Test Instruments Configuration



6.5 Test Result

IEEE 802.11b

Frequency (MHz)	Power Density (dBm)	Required Limit
2412	-11.50	<8dBm
2437	-10.78	<8dBm
2462	-10.88	<8dBm

IEEE 802.11g

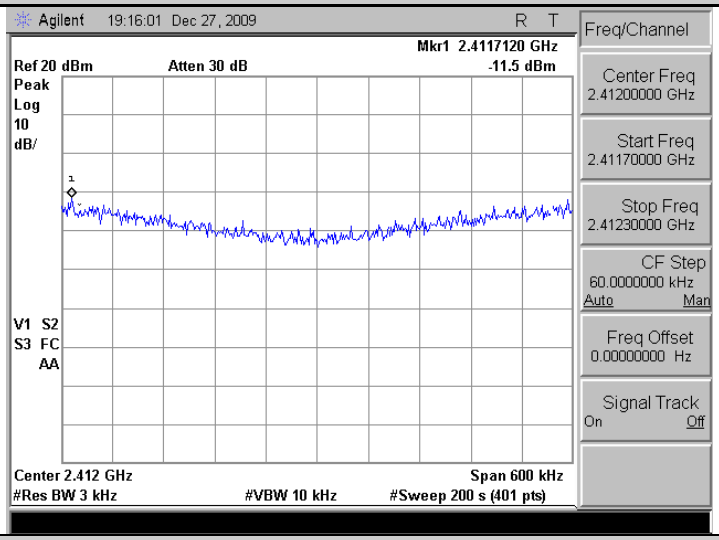
Frequency (MHz)	Power Density (dBm)	Required Limit
2412	-15.59	<8dBm
2437	-15.09	<8dBm
2462	-14.31	<8dBm

Note:

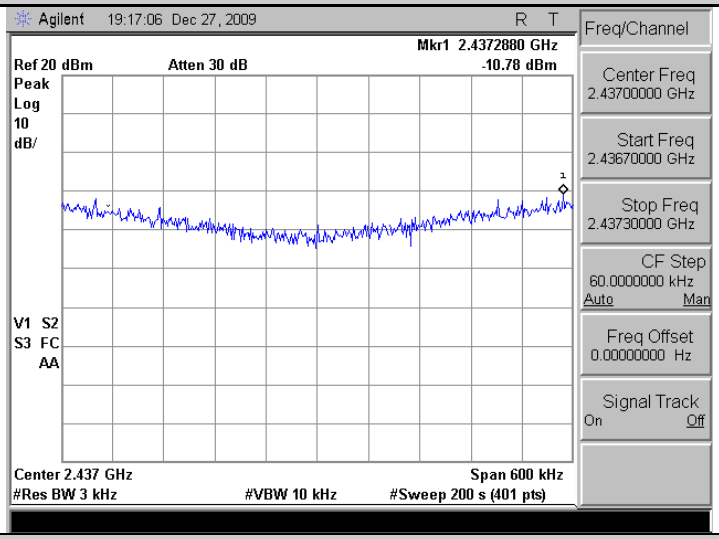
1. Frequency Span= 600 kHz
2. Sweep Time = Frequency Span/3 kHz=200secs
3. Test Graphs See next page.

6.6 Test Graphs

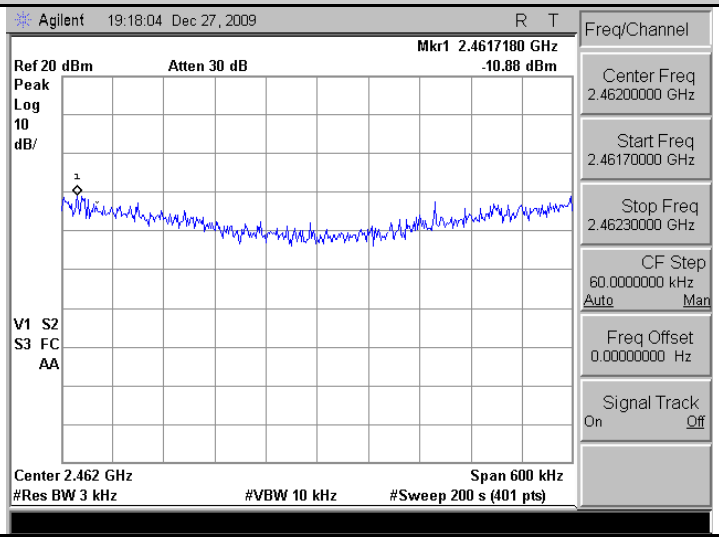
IEEE 802.11b
2412MHz

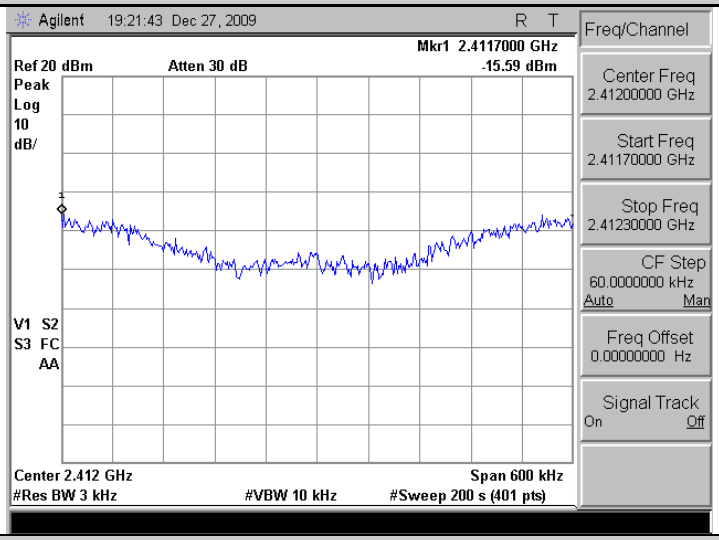
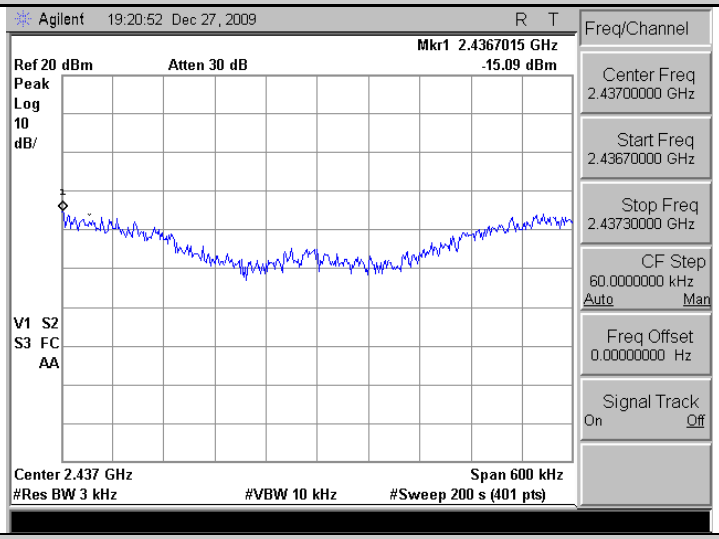
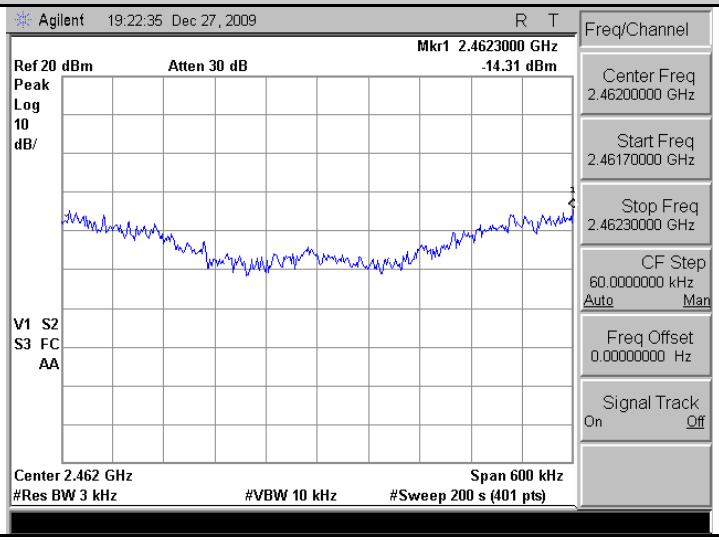


2437MHz



2462MHz



IEEE 802.11g
2412MHz

2437MHz

2462MHz


7. Out of Band Conducted Emissions Requirements

7.1 Test Procedure

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

In any 100 kHz bandwidth outside the EUT pass band, the RF power produced by the modulation products of the spreading sequence, the information sequence, and the carrier frequency shall be at least 20 dB below that of the maximum in-band 100 kHz emission, antenna output of the EUT was coupled directly to spectrum analyzer; if an external attenuator and/or cable was used, these losses are compensated for with the analyzer OFFSET function.

All other types of emissions from the EUT shall meet the general limits for radiated frequencies outside the pass band. The test was performed at 3 channels (Channel 1, 6, 11)

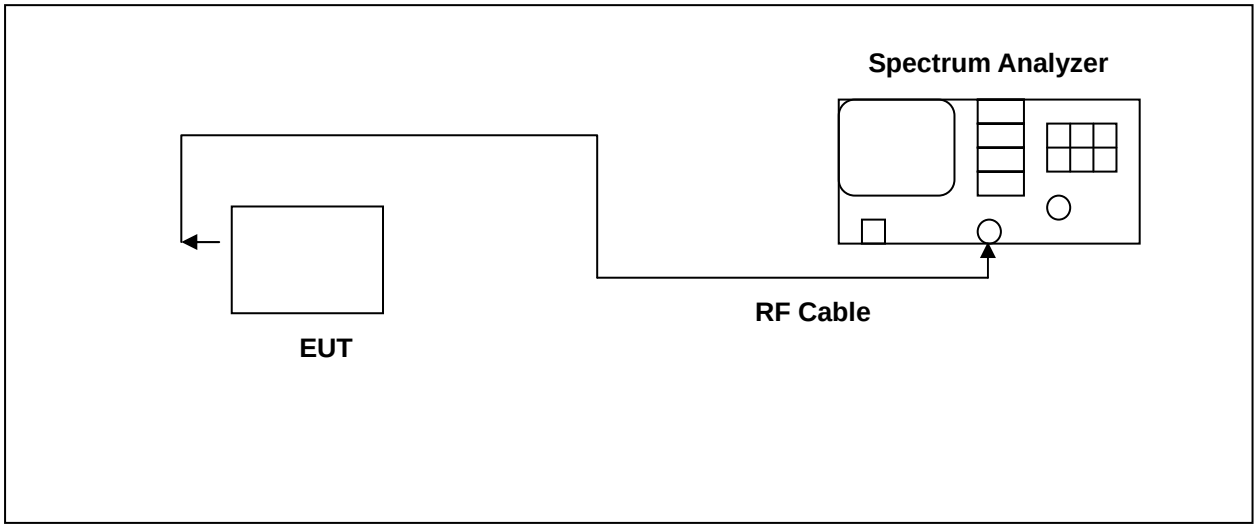
7.2 Limits

Refer to attached data sheets. Data shows out of band emissions are suppressed well below the -20 dBc minimum required by the Rules.

7.3 Test Equipment List

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY46181986	May 15, 2009	May 15, 2010

7.4 Test Instruments Configuration



7.5 Test Result

EUT : Smartphone

Model No. : PB65100

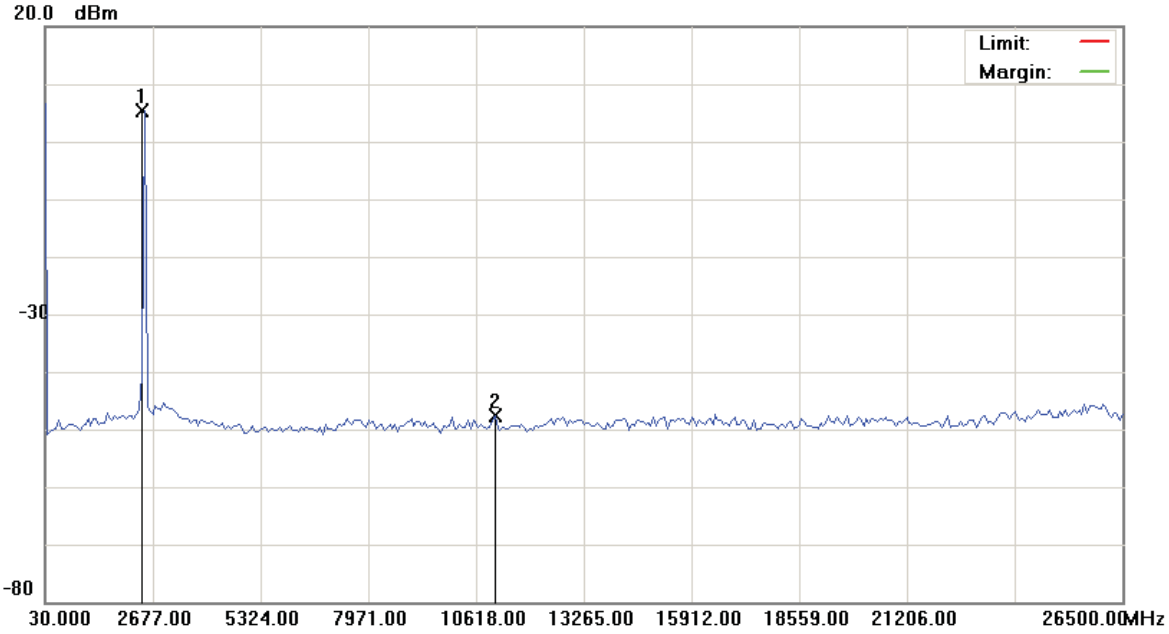
Test Mode : #1 IEEE 802.11b Link Mode

#2 IEEE 802.11g Link Mode

Test Date : 12/27/2009

Please refer to next page of detail testing data.

File :11b Data :#1 Date: 2009/12/27 Time: 下午 07:50:04



Site: : RF Conducted
Limit:
EUT:
M/N: PB65100
Mode: IEEE 802.11b Link Mode
Note: 2412MHz

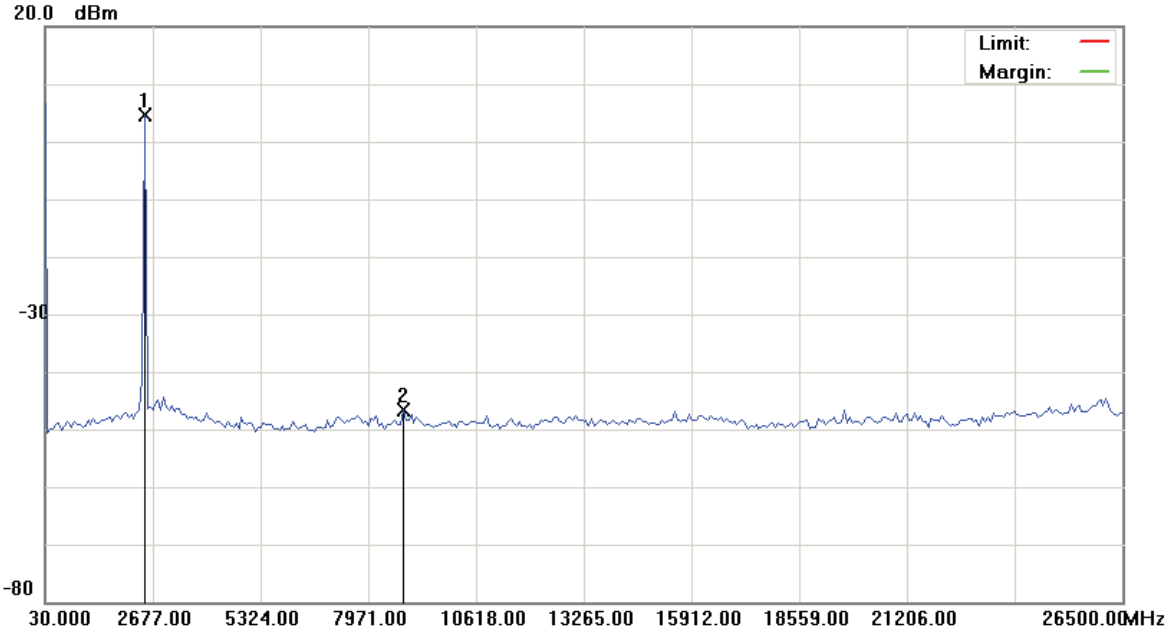
Polarization:
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 100 KHz VBW: 100 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	2412.000	5.34	0.00	5.34			peak			Tx
2		11081.225	-47.65	0.00	-47.65			peak			

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

File :11b Data :#2 Date: 2009/12/27 Time: 下午 07:50:24



Site: : RF Conducted
Limit:
EUT:
M/N: PB65100
Mode: IEEE 802.11b Link Mode
Note: 2437MHz

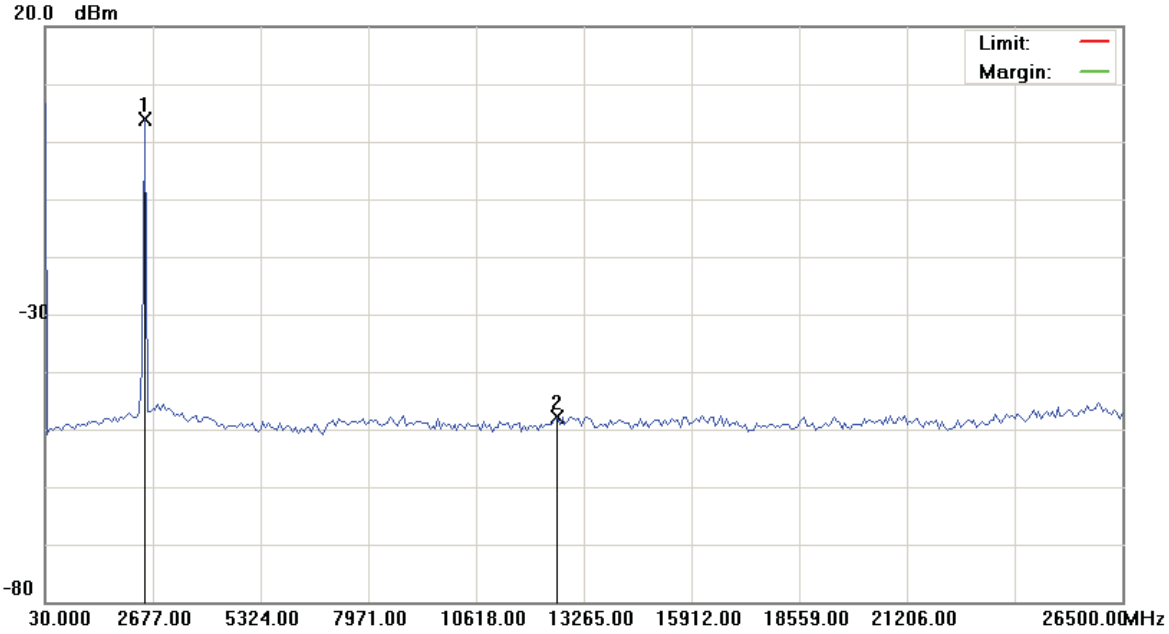
Polarization:
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 100 KHz VBW: 100 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	2437.000	4.56	0.00	4.56			peak			Tx
2		8831.275	-46.72	0.00	-46.72			peak			

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

File :11b Data :#3 Date: 2009/12/27 Time: 下午 07:50:36



Site: : RF Conducted
Limit:
EUT:
M/N: PB65100
Mode: IEEE 802.11b Link Mode
Note: 2462MHz

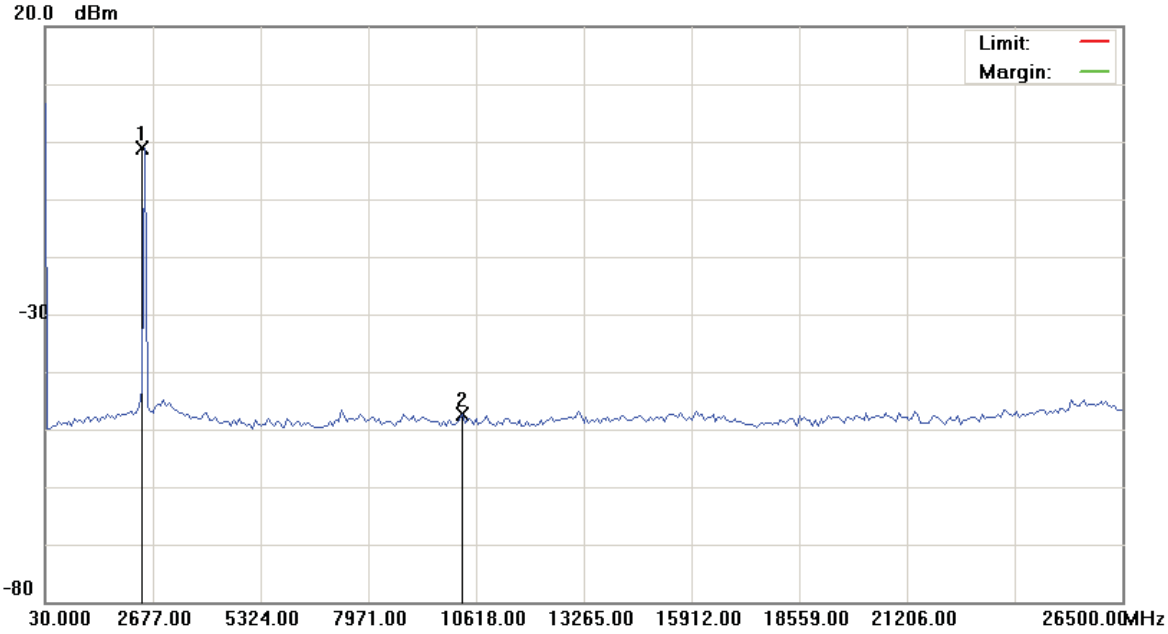
Polarization:
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 100 KHz VBW: 100 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	2462.000	3.86	0.00	3.86			peak			Tx
2		12603.250	-47.77	0.00	-47.77			peak			

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

File :11g Data :#1 Date: 2009/12/27 Time: 下午 07:48:09



Site: : RF Conducted
Limit:
EUT:
M/N: PB65100
Mode: IEEE 802.11g Link Mode
Note: 2412MHz

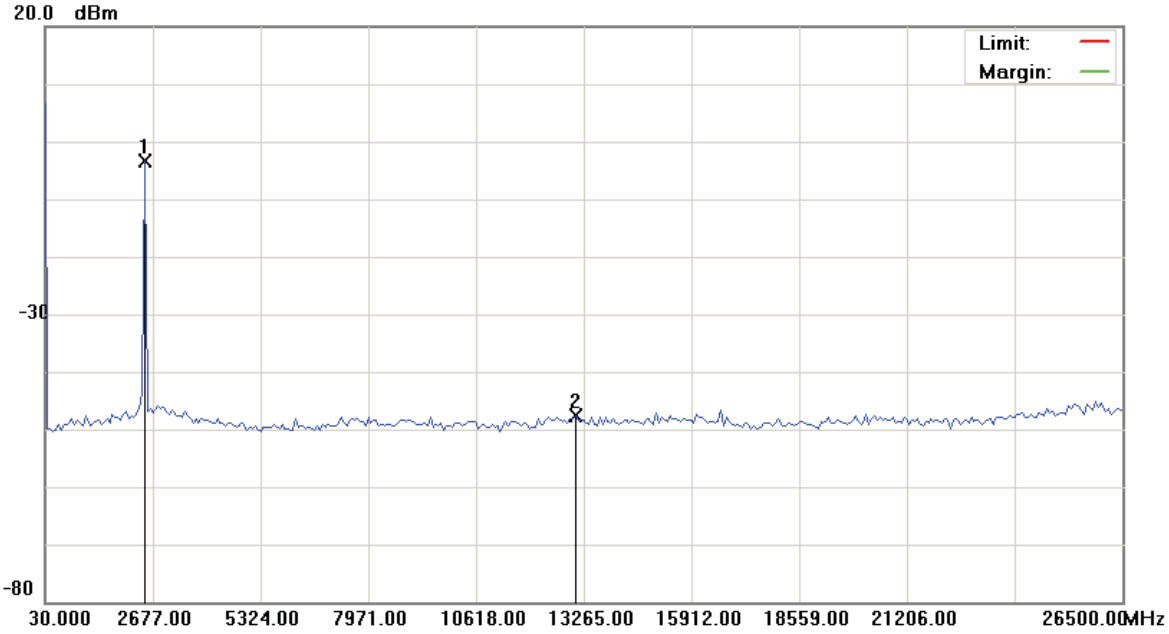
Polarization:
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 100 KHz VBW: 100 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	2412.000	-1.15	0.00	-1.15			peak			Tx
2		10287.125	-47.41	0.00	-47.41			peak			

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

File :11g Data :#2 Date: 2009/12/27 Time: 下午 07:48:26



Site: : RF Conducted
Limit:
EUT:
M/N: PB65100
Mode: IEEE 802.11g Link Mode
Note: 2437MHz

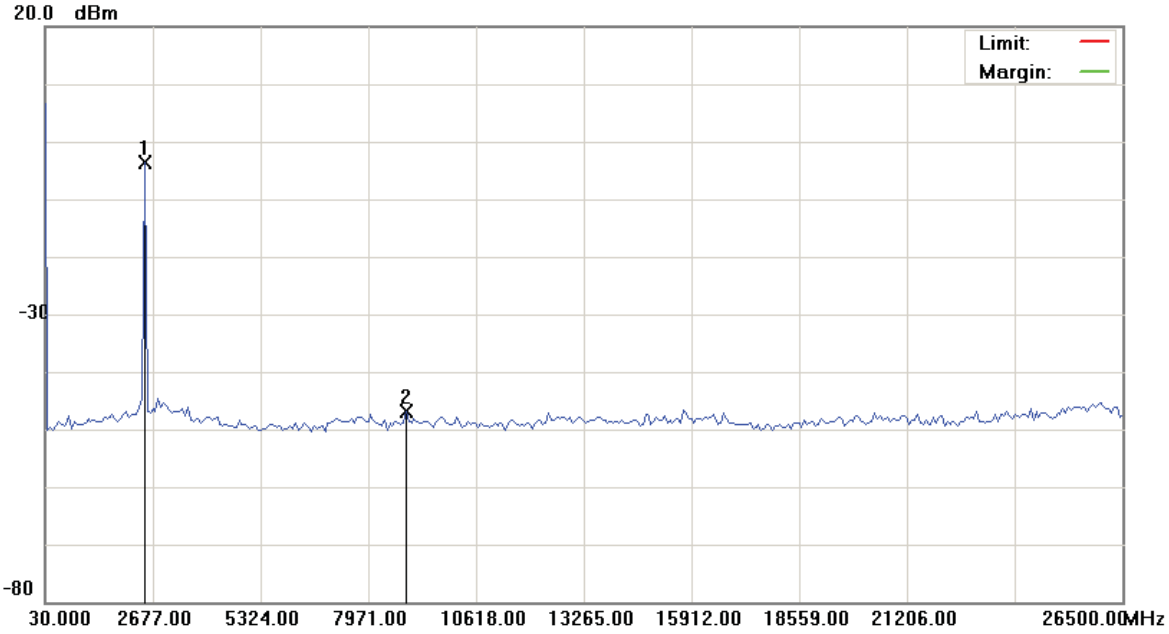
Polarization:
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 100 KHz VBW: 100 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	2437.000	-3.30	0.00	-3.30			peak			Tx
2		13066.475	-47.55	0.00	-47.55			peak			

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

File :11g Data :#3 Date: 2009/12/27 Time: 下午 07:48:44



Site: : RF Conducted
Limit:
EUT:
M/N: PB65100
Mode: IEEE 802.11g Link Mode
Note: 2462MHz

Polarization:
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 100 KHz VBW: 100 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree	Comment
1	*	2462.000	-3.71	0.00	-3.71			peak			Tx
2		8897.450	-46.90	0.00	-46.90			peak			

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

8. Band Edges Requirements

8.1 Test Procedure

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The emissions on the harmonics frequencies, the limits, and the margin of compliance are presented. These tests were made when the transmitter was in full radiated power. The additional test was performed to show compliance with the requirement at the band-edge frequency 2483.5 MHz and up to 2500 MHz and at 2390.0 MHz.

The transmitter was configured with the worst case antenna and setup to transmit at the highest channel. Then the field strength was measured at 2483.5 MHz.

The transmitter was then configured with the worst case antenna and setup to transmit at the lowest channel. Then the field strength was measured at 2390.0 MHz. These tests were performed at 4 different bit rates.

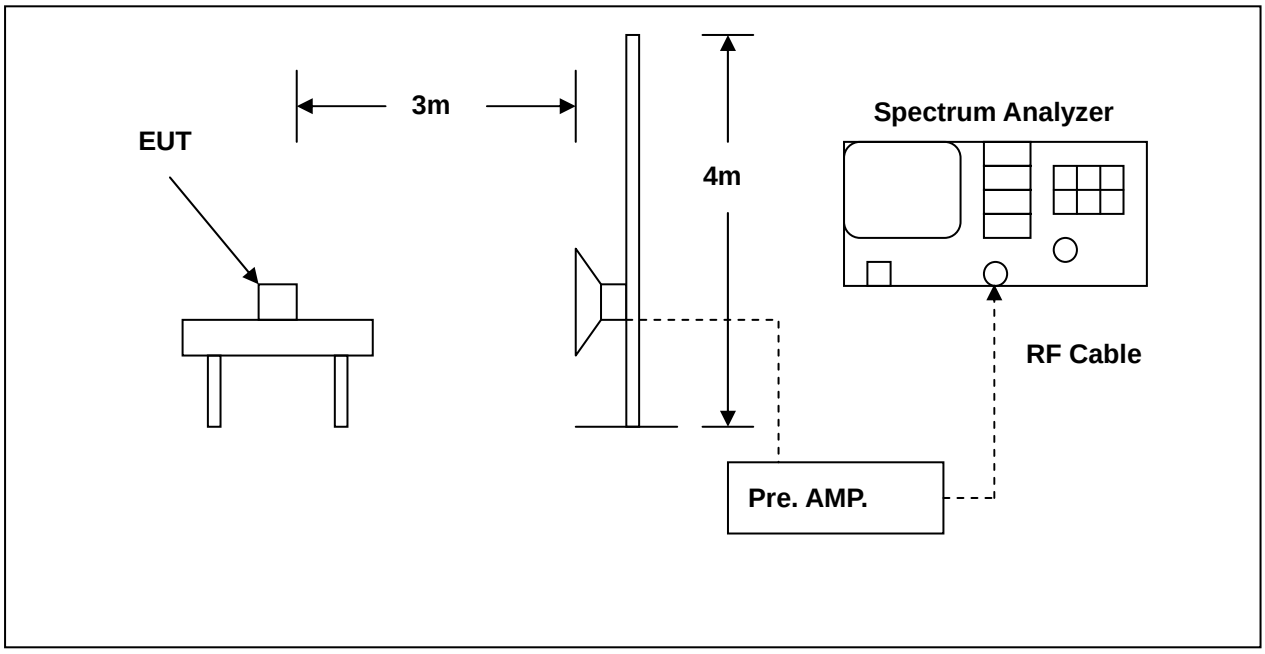
8.2 Limits

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

8.3 Test Equipment List

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4408B	MY45107753	Jun. 23, 2009	Jun. 23, 2010
Pre Amplifier	Agilent	8449B	3008A02237	Jul. 01, 2009	Jul. 01, 2010
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	Jul. 01, 2009	Jul. 01, 2010

8.4 Test Instruments Configuration



8.5 Test Result

EUT : Smartphone

Model No. : PB65100

Test Mode : #1 IEEE 802.11b Link Mode Low CH & High CH

#2 IEEE 802.11g Link Mode Low CH & High CH

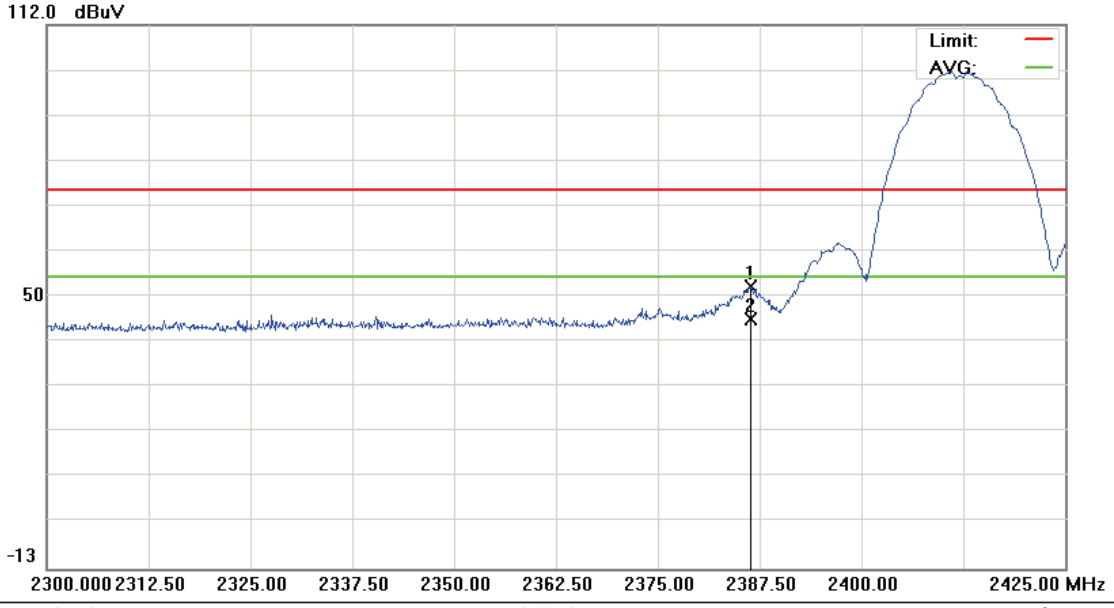
Test Date : 12/25~12/26/2009

Please refer to next page of detail testing data.

Notes:

1. Margin= Amplitude - Limits
2. Height of table for EUT placed: 0.8 Meter.
3. ANT= Antenna height.
4. Duty= Duty cycle correction factor.
5. Dis= Distance extrapolation factor.
6. Amplitude= Reading Amplitude – Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
7. Actual Amp= Amplitude – Duty – Dis.

File :PB65100(Band Edge) power Data :#1 Date: 2009/12/25 Time: 下午 03:20:52



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11b_2.4GHz Link Mode
Note: 2412MHz

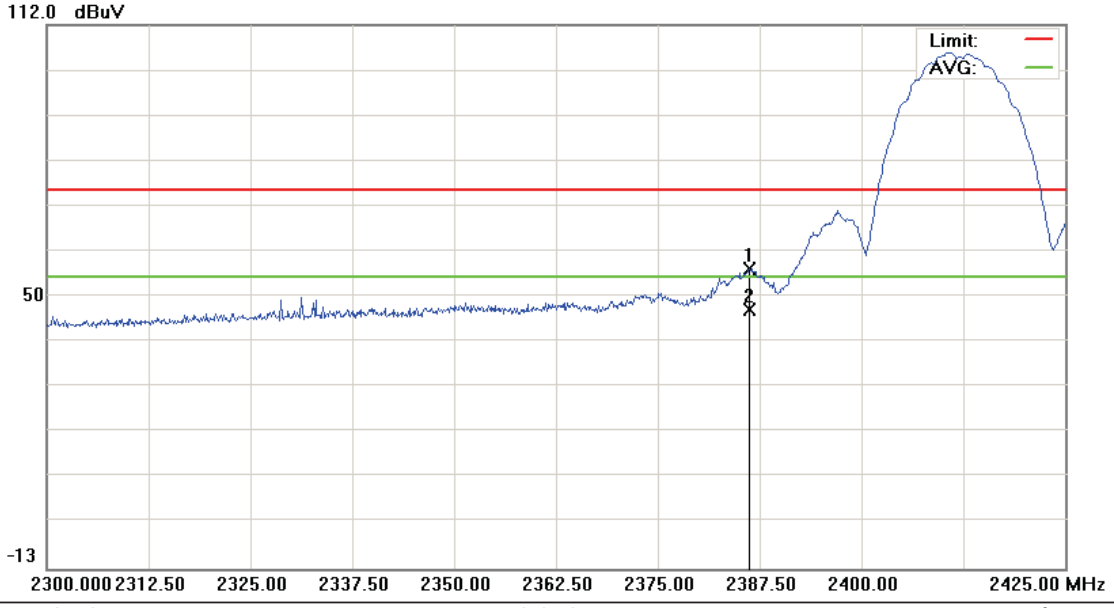
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2386.375	51.81	0.18	51.99	74.00	-22.01	peak			
2	*	2386.375	44.20	0.18	44.38	54.00	-9.62	AVG			

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

File :PB65100(Band Edge) power Data :#5 Date: 2009/12/25 Time: 下午 03:25:01



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11b_2.4GHz Link Mode
Note: 2412MHz

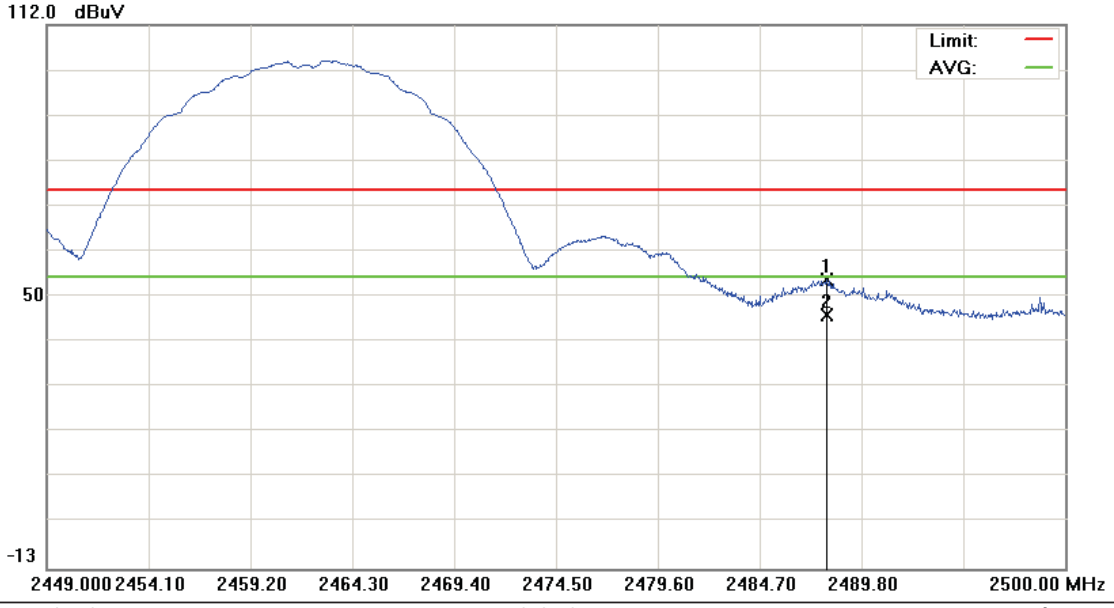
Polarization: ***Horizontal***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2386.250	55.81	0.18	55.99	74.00	-18.01	peak			
2	*	2386.250	46.50	0.18	46.68	54.00	-7.32	AVG			

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

File :PB65100(Band Edge) power Data :#3 Date: 2009/12/25 Time: 下午 03:40:59



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11b_2.4GHz Link Mode
Note: 2462MHz

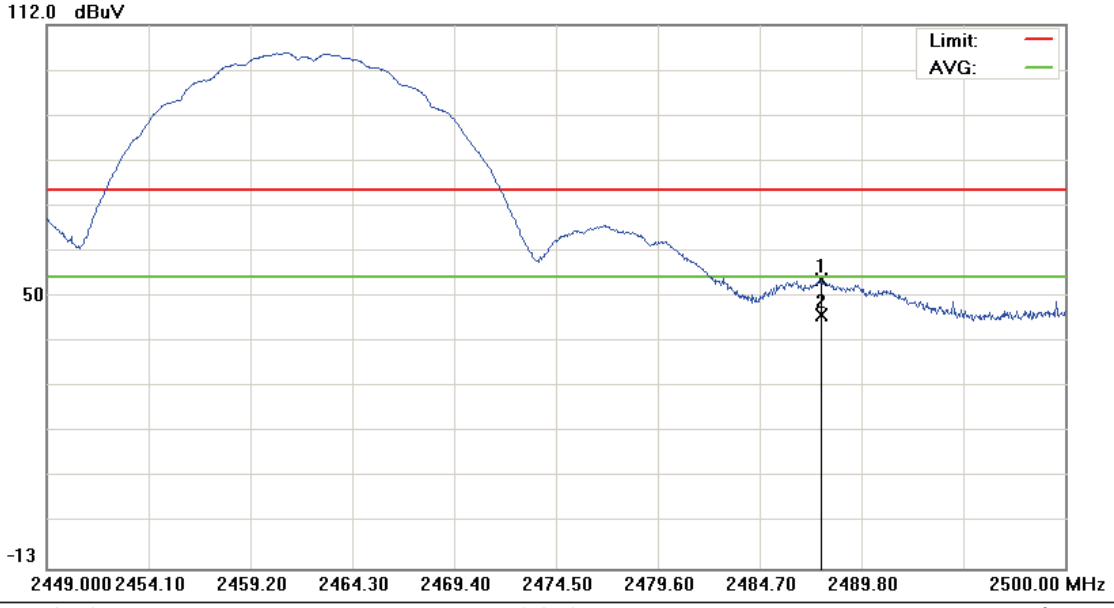
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2488.066	53.07	0.23	53.30	74.00	-20.70	peak			
2	*	2488.066	45.10	0.23	45.33	54.00	-8.67	AVG			

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

File :PB65100(Band Edge) power Data :#7 Date: 2009/12/25 Time: 下午 03:53:40



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11b_2.4GHz Link Mode
Note: 2462MHz

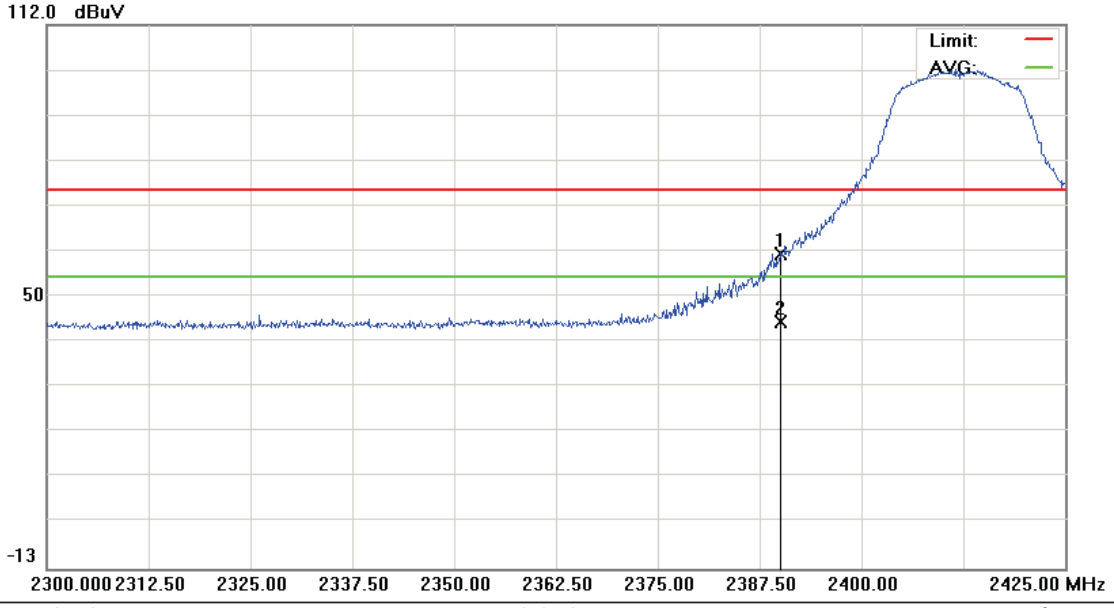
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2487.811	53.05	0.23	53.28	74.00	-20.72	peak			
2	*	2487.811	44.95	0.23	45.18	54.00	-8.82	AVG			

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

File :PB65100(Band Edge) power Data :#1 Date: 2009/12/26 Time: 上午 10:50:36



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11g _2.4GHz Link Mode
Note: 2412MHz

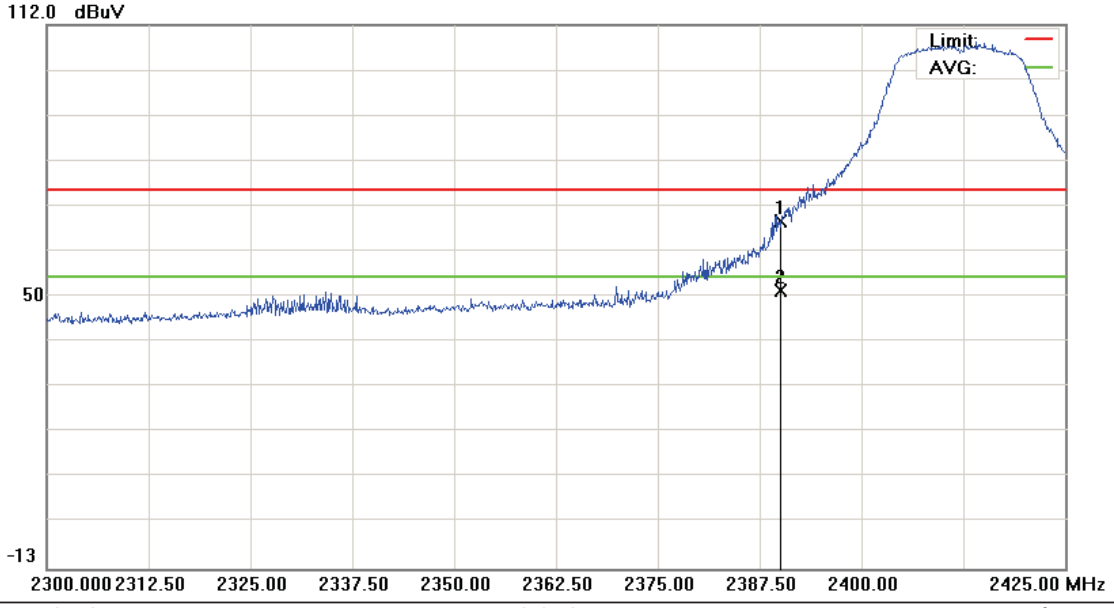
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	59.17	0.19	59.36	74.00	-14.64	peak			
2	*	2390.000	43.56	0.19	43.75	54.00	-10.25	AVG			

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

File :PB65100(Band Edge) power Data :#5 Date: 2009/12/26 Time: 上午 11:16:21



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11g _2.4GHz Link Mode
Note: 2412MHz

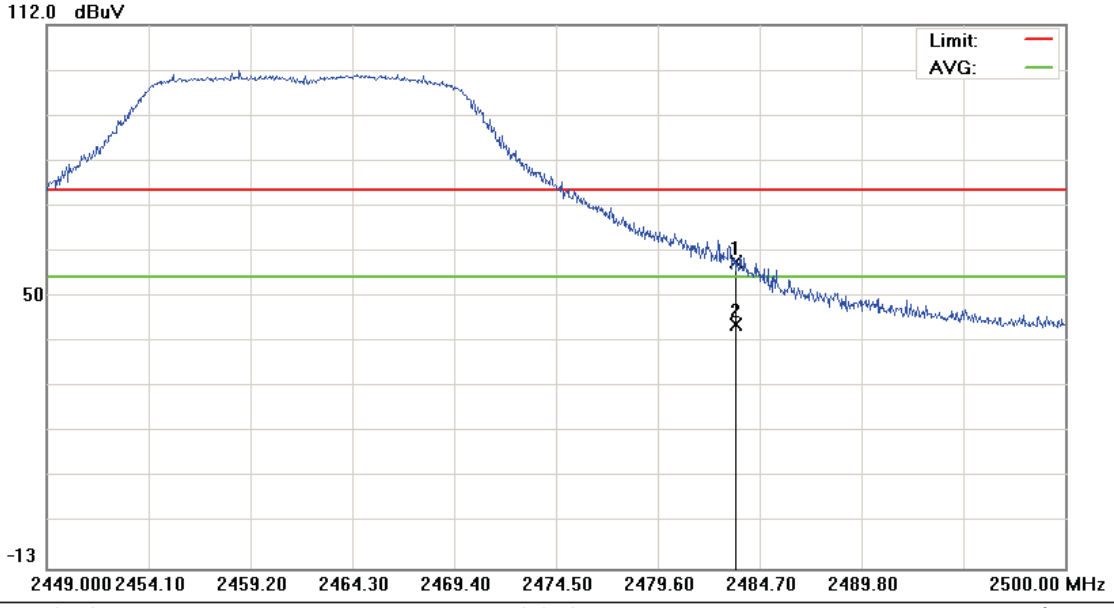
Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	66.80	0.19	66.99	74.00	-7.01	peak			
2	*	2390.000	50.63	0.19	50.82	54.00	-3.18	AVG			

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

File :PB65100(Band Edge) power Data :#3 Date: 2009/12/26 Time: 上午 11:27:27



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11g _2.4GHz Link Mode
Note: 2462MHz

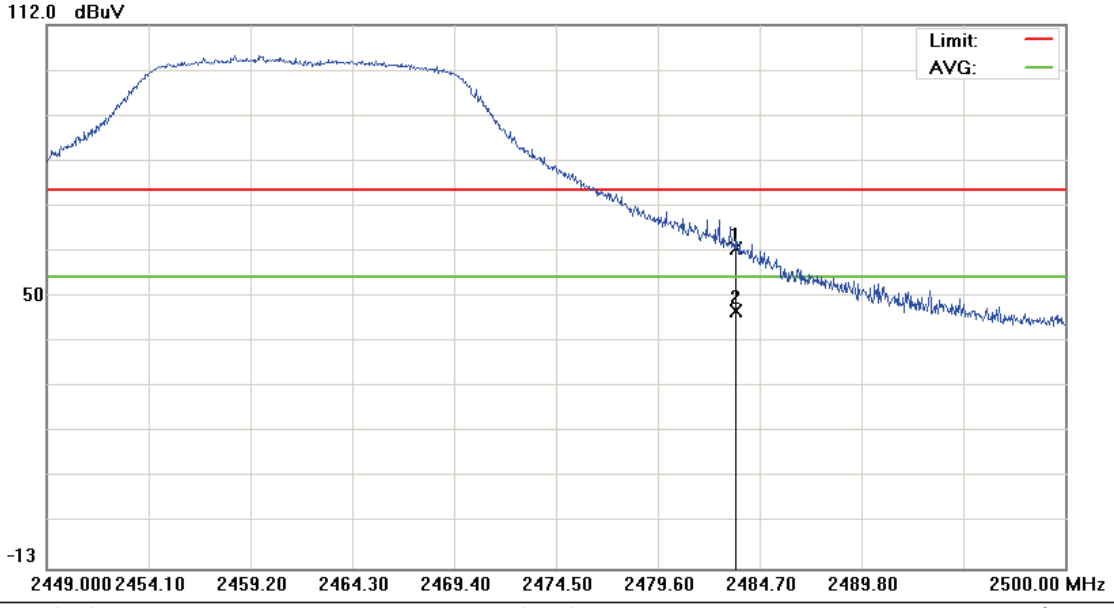
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2483.500	57.19	0.25	57.44	74.00	-16.56	peak			
2	*	2483.500	42.76	0.25	43.01	54.00	-10.99	AVG			

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

File :PB65100(Band Edge) power Data :#7 Date: 2009/12/26 Time: 上午 11:34:19



Site: : 966 Chamber
Limit: FCC part 15 (PK)
EUT:
M/N: PB65100
Mode: IEEE 802.11g _2.4GHz Link Mode
Note: 2462MHz

Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %
RBW: 1000 KHz VBW: 1000 KHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2483.500	60.32	0.25	60.57	74.00	-13.43	peak			
2	*	2483.500	46.04	0.25	46.29	54.00	-7.71	AVG			

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

9. Antenna Requirements

9.1 Standard Applicable

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

And According to 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

9.2 Antenna Connector Construction

The antenna used in this product is **PIFA Antenna**. And the maximum Gain of this antenna is only **0.87** dBi.