FCC CERTIFICATION
On Behalf of
Perception Digital Ltd.

2.4G Wireless Transceiver
Model No.: PD-7040

FCC ID: QLZPD24GWT

Prepared for	:	Perception Digital Ltd.
Address	:	Rm.1520, Annex HKUST, Clear Water Bay, Hong Kong
Prepared by	:	ACCURATE TECHNOLOGY CO. LTD
Address	:	F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China Tel: (0755) 26503290 Fax: (0755) 26503396

Report Number	:	ATE20062193
Date of Test	:	October 31, 2006
Date of Report	:	November 03, 2006

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Description Page

Test Report Certification

Applicant	:	Perception Digital Ltd.
Manufacturer	:	Shenzhen Kwang Sung Electronics Co., Ltd.
EUT Description	:	2.4G Wireless Transceiver
		(A) MODEL NO.: PD-7040
		(B) SERIAL NO.: N/A
		(C) POWER SUPPLY: 1.5V DC ("AAA" battery Type×1)

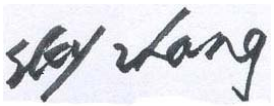
Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.249, Section 15.209
Section 15.207:2006 & ANSI C63.4: 2003

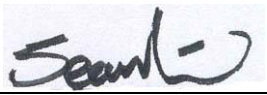
The device described above is tested by ACCURATE TECHNOLOGY CO. LTD to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C Section15.249, Section 15.209, Section 15.207 limits. The measurement results are contained in this test report and ACCURATE TECHNOLOGY CO. LTD is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of ACCURATE TECHNOLOGY CO. LTD.

Date of Test : October 31, 2006

Prepared by : 

(Engineer)

Reviewer : 

(Quality Manager)

Approved & Authorized Signer : 

(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	2.4G Wireless Transceiver
Model Number	:	PD-7040
Power Supply	:	DC 1.5V("AAA" battery Type×1) DC 5.0V(Power By PC)
Operate Frequency	:	2423MHz
USB Cable	:	Non-shielded, detachable, 1.1m<3m
iPod	:	Manufacturer: Apple M/N: A1136 S/N: JQ543GF9SZA
Notebook PC	:	Manufacturer: SONY M/N: PCG-663P S/N: 28123170 7202526
Printer	:	Manufacturer: Canon Model No.: BJC-1000SP
Applicant	:	Perception Digital Ltd.
Address	:	Rm.1520, Annex HKUST, Clear Water Bay, Hong Kong
Manufacturer	:	Shenzhen Kwang Sung Electronics Co., Ltd.
Address	:	Stone Industrial Town, Zhuanchang Village,Shiyan,Baoan, Shenzhen, Guangdong, P.R.China
Date of sample received	:	October 26, 2006
Date of Test	:	October 31, 2006

1.2.Description of Test Facility

EMC Lab	:	Accredited by TUV Rheinland Shenzhen, May 10, 2004 Accredited by FCC, May 10, 2004 The Certificate Registration Number is 253065 Accredited by Industry Canada, May 18, 2004 The Certificate Registration Number is IC 5077
Name of Firm	:	ACCURATE TECHNOLOGY CO. LTD
Site Location	:	F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China

1.3.Measurement Uncertainty

Conducted emission expanded uncertainty = 2.23dB, k=2

Radiated emission expanded uncertainty = 4.12dB, k=2

2. MEASURING DEVICE AND TEST EQUIPMENT

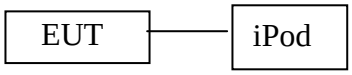
Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Type	S/N	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	03.31.2007
EMI Test Receiver	Rohde&Schwarz	ESI26	838786/013	01.02.2007
Bilog Antenna	Schwarzbeck	VULB9163	9163-194	03.31.2007
Bilog Antenna	Chase	CBL6112B	2591	03.31.2007
Horn Antenna	Rohde&Schwarz	HF906	100013	01.02.2007
Spectrum Analyzer	Anritsu	MS2651B	6200238856	03.31.2007
Pre-Amplifier	Agilent	8447D	2944A10619	03.31.2007
L.I.S.N.	Rohde&Schwarz	ESH3-Z5	100305	03.31.2007
L.I.S.N.	Rohde&Schwarz	ESH3-Z5	100310	03.31.2007

3. FUNDAMENTAL AND HARMONICS RADIATED EMISSION MEASURMENT

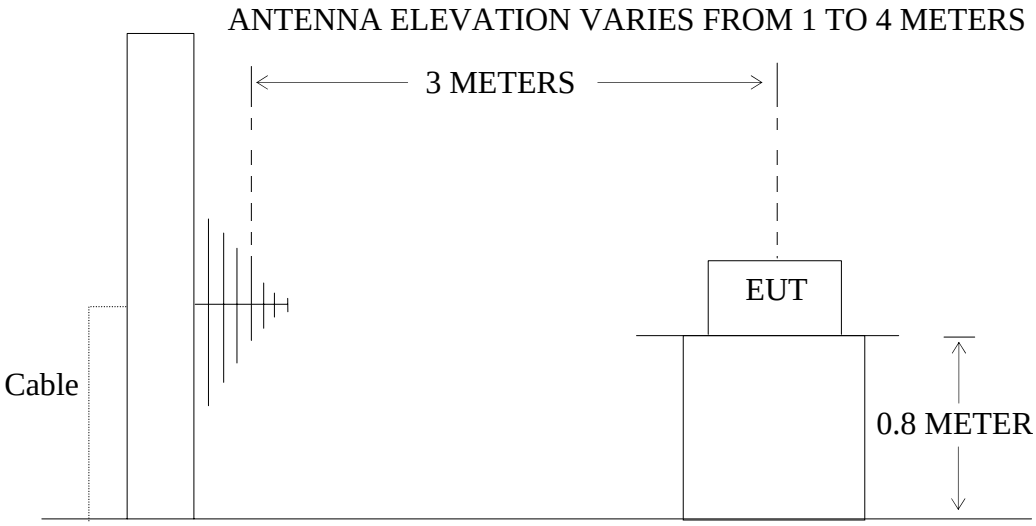
3.1.Block Diagram of Test Setup

3.1.1.Block diagram of connection between the EUT and simulators



(EUT: 2.4G Wireless Transceiver)

3.1.2.Anechoic Chamber Test Setup Diagram



(EUT: 2.4G Wireless Transceiver)

3.2.The Emission Limit

3.2.1 For intentional radiators, According to section 15.249(a), Operation within the frequency band of 2.4 to 2.4835GHz, The fundamental field strength shall not exceed 94 dBμV/m and the harmonics shall not exceed 54 dBμV/m.

Fundamental Frequency	Field Strength of Fundamental (millivolts/meter)	Field Strength of Fundamental (microvolts/meter)
902-928MHz	50	500
2400-2483.5MHz	50	500
5725-5875MHz	50	500
24.0-24.25GHz	250	2500

3.2.2 According to section 15.249(e), as shown in section 15.35(b), The peak field strength

of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

3.3.Configuration of EUT on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

3.3.1. 2.4G Wireless Transceiver (EUT)

Model Number	**:**	PD-7040
Serial Number	**:**	N/A
Manufacturer	**:**	Shenzhen Kwang Sung Electronics Co., Ltd.

3.4.Operating Condition of EUT

3.4.1.Setup the EUT and simulator as shown as Section 3.1.

3.4.2.Turn on the power of all equipment.

Let the EUT work in TX modes [Plug EUT to iPod headphone socket and ipod playing typical audio signal(music song) with maximum audio level] measure it.

Note: The EUT is connected to iPod headphone socket. The input signal of EUT is controlled by iPod. so the volume control of iPod was set to maximum during the test. It means that the test was performed with the maximum audio input.

3.5.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement.
The bandwidth of test receiver (R&S ESI26) is set at 1MHz.

3.6.The Field Strength of Radiation Emission Measurement Results

PASS.

Date of Test:	October 31, 2006	Temperature:	26°C
EUT:	2.4G Wireless Transceiver	Humidity:	55%
Model No.:	PD-7040	Power Supply:	1.5V DC ("AAA" battery Type×1)
Test Mode:	TX with iPod playing typical audio signal(music song)	Test Engineer:	Andy

Fundamental and Harmonics Radiated Emissions

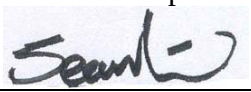
Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2422.879	88.7	91.2	-3.6	85.1	87.6	94	114	8.9	26.4	Vertical
2422.879	80.7	83.1	-3.6	77.1	79.5	94	114	16.9	34.5	Horizontal
4845.758	43.1	45.7	2.1	45.2	47.8	54	74	8.8	26.2	Vertical
4845.758	45.9	48.3	2.1	48.0	50.4	54	74	6.0	23.6	Horizontal
7268.637	31.0	33.3	7.1	38.1	40.4	54	74	15.9	33.6	Vertical
7268.637	29.5	31.6	7.1	36.6	38.7	54	74	17.4	35.3	Horizontal
9691.516	34.8	37.3	9.3	44.1	46.6	54	74	9.9	27.4	Vertical
9691.516	29.8	32.2	9.3	39.1	41.5	54	74	14.9	32.5	Horizontal
12114.395	-	-	-	-	-	-	-	-	-	-
14537.274	-	-	-	-	-	-	-	-	-	-
16960.153	-	-	-	-	-	-	-	-	-	-
19383.032	-	-	-	-	-	-	-	-	-	-
21805.911	-	-	-	-	-	-	-	-	-	-
24228.790	-	-	-	-	-	-	-	-	-	-

Note:

1. Remark "- " means that the emission level is too low to be measured.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

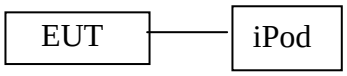
Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain

Reviewer **:** 

4. RADIATED EMISSION FOR FCC PART 15 SECTION 15.249(D)

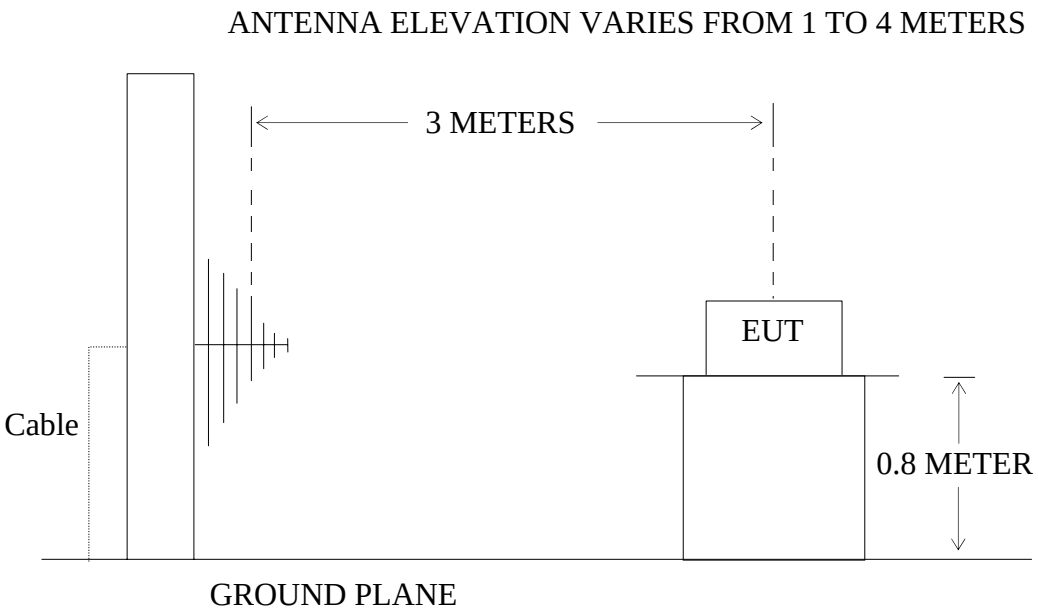
4.1.Block Diagram of Test Setup

4.1.1.Block diagram of connection between the EUT and simulators



(EUT: 2.4G Wireless Transceiver)

4.1.2.Anechoic Chamber Test Setup Diagram



(EUT: 2.4G Wireless Transceiver)

4.2.The Emission Limit For Section 15.249(d)

4.2.1 Emission radiated outside of the specified frequency bands, except for harmonics, shall be comply with the general radiated emission limits in Section 15.209.
Radiation Emission Measurement Limits According to Section 15.209

Frequency (MHz)	Limit,		
	Field Strength of Quasi-peak Value (microvolts/m)	Field Strength of Quasi-peak Value (dBμV/m)	The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with Average detector.
30 - 88	100	40	

88 - 216	150	43.5	Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.
216 - 960	200	46	
Above 960	500	54	

4.3.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

4.3.1. 2.4G Wireless Transceiver (EUT)

Model Number	:	PD-7040
Serial Number	:	N/A
Manufacturer	:	Shenzhen Kwang Sung Electronics Co., Ltd.

4.4.Operating Condition of EUT

4.4.1.Setup the EUT and simulator as shown as Section 4.1.

4.4.2.Turn on the power of all equipment.

Let the EUT work in TX modes [Plug EUT to iPod headphone socket and ipod playing typical audio signal(music song) with maximum audio level] measure it.

Note: The EUT is connected to iPod headphone socket. The input signal of EUT is controlled by iPod. so the volume control of iPod was set to maximum during the test. It means that the test was performed with the maximum audio input.

4.5.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement.

The bandwidth of test receiver (R&S ESI26) is set at 120KHz in 30-1000MHz. and set at 1MHz in above 1000MHz.

The frequency range from 30MHz to 1000MHz is checked.

The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with Average detector. Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.

4.6.The Emission Measurement Result

PASS.

Date of Test:	October 31, 2006	Temperature:	26°C
EUT:	2.4G Wireless Transceiver	Humidity:	55%
Model No.:	PD-7040	Power Supply:	1.5V DC ("AAA" battery Type×1)
Test Mode:	TX with iPod playing typical audio signal(music song)	Test Engineer:	Andy

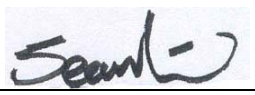
Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	QP		AV	QP	AV	QP	AV	QP	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

Note:

1. Remark "- " means that the emission level is too low to be measured.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor

   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain
3. All the scanning waveforms are attached in Appendix I.

Reviewer **:** 

5. BAND EDGES

5.1.The Requirement

5.1.1. Band Edge from 2400MHz to 2483.5MHz

5.2.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

5.2.1. 2.4G Wireless Transceiver (EUT)

Model Number	:	PD-7040
Serial Number	:	N/A
Manufacturer	:	Shenzhen Kwang Sung Electronics Co., Ltd.

5.3.Operating Condition of EUT

5.3.1.Setup the EUT and simulator as shown as Section 4.1.

5.3.2.Turn on the power of all equipment.

Let the EUT work in TX modes [Plug EUT to iPod headphone socket and ipod playing typical audio signal(music song) with maximum audio level] measure it.

Note: The EUT is connected to iPod headphone socket. The input signal of EUT is controlled by iPod. so the volume control of iPod was set to maximum during the test. It means that the test was performed with the maximum audio input.

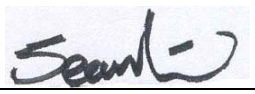
5.4.Test Procedure

5.4.1. Measure the fundamental amplitude appearing on spectral display and set it as a reference level. measure the lower band edge amplitude. Get the delta amplitude and edge frequency.
5.4.2. Repeat above procedures , Measure the fundamental amplitude appearing on spectral display and set it as a reference level. measure the upper band edge amplitude. Get the delta amplitude and edge frequency.

5.5. The Measurement Result

Pass

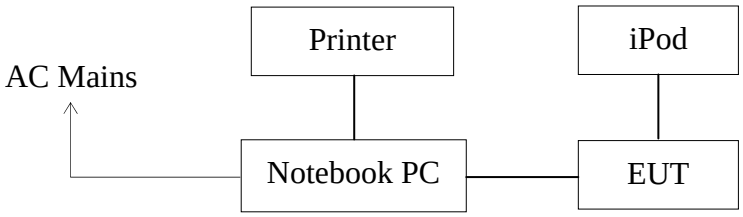
All the spectral waveforms are attached in Appendix I.

Reviewer **:** 

6. RADIATED EMISSION FOR FCC PART 15 SECTION 15.209(A)

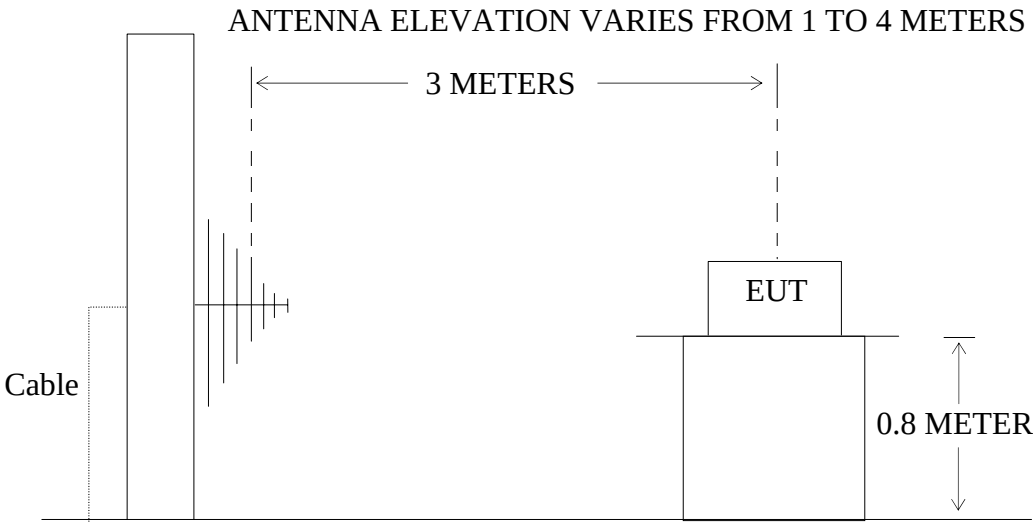
6.1.Block Diagram of Test Setup

6.1.1.Block diagram of connection between the EUT and simulators



(EUT: 2.4G Wireless Transceiver)

6.1.2.Anechoic Chamber Test Setup Diagram



(EUT: 2.4G Wireless Transceiver)

6.2.The Emission Limit for section 15.209(a)

Radiation Emission Measurement Limits According to Section 15.209

Frequency (MHz)	Limit	
	Field Strength of Quasi-peak Value (microvolts/m)	Field Strength of Quasi-peak Value (dBμV/m)
30 - 88	100	40

88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

6.3.Configuration of EUT on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

6.3.1. 2.4G Wireless Transceiver (EUT)

Model Number : PD-7040
Serial Number : N/A
Manufacturer : Shenzhen Kwang Sung Electronics Co., Ltd.

6.4.Operating Condition of EUT

6.4.1.Setup the EUT and simulator as shown as Section 6.1.

6.4.2.Turn on the power of all equipment.

Let the EUT work in test modes (Connect to PC USB Port) measure it.

6.5.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement.

The bandwidth of test receiver (R&S ESI26) is set at 120KHz in 30-1000MHz; Set at 1MHz in above 1000MHz.
The frequency range from 30MHz to 1000MHz is checked.

6.6. The Field Strength of Radiation Emission Measurement Results

PASS.

The frequency range 30MHz to 1000MHz is investigated.

Date of Test:	October 31, 2006	Temperature:	26°C
EUT:	2.4G Wireless Transceiver	Humidity:	55%
Model No.:	PD-7040	Power Supply:	DC 5.0V(Power By PC)
Test Mode:	Connect to PC	Test Engineer:	Andy

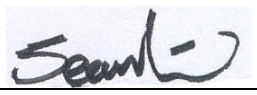
Polarization	Frequency (MHz)	Reading(dBμV/m) QP	Factor Corr.(dB)	Result(dBμV/m) QP	Limits(dBμV/m) QP	Margin(dBμV/m) QP
Horizontal	330.440	56.4	-18.3	38.1	46.0	7.9
Horizontal	720.882	48.9	-13.3	35.6	46.0	10.4
Vertical	480.060	54.8	-15.8	39.0	46.0	7.0
Vertical	515.591	48.9	-15.0	33.9	46.0	12.1
Vertical	531.382	49.3	-14.8	34.5	46.0	11.5
Vertical	795.892	47.4	-12.4	35.0	46.0	11.0

The spectral diagrams in appendix I display the measurement of un-weighted peak values.

The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

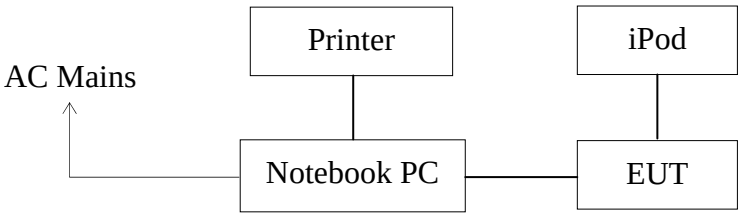
Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain

Reviewer **:** 

7. CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

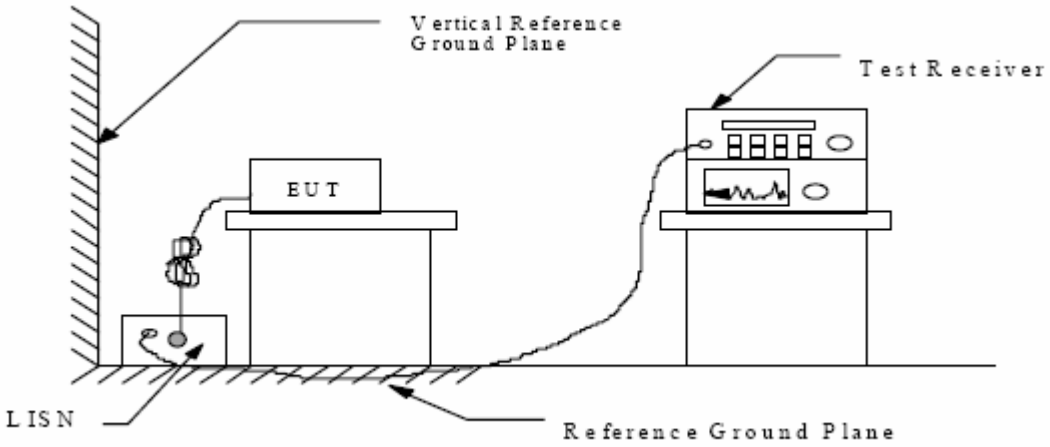
7.1.Block Diagram of Test Setup

7.1.1.Block diagram of connection between the EUT and simulators



(EUT: 2.4G Wireless Transceiver)

7.1.2. Shielding Room Test Setup Diagram



(EUT: 2.4G Wireless Transceiver)

7.2.The Emission Limit For Section 15.207(a)

6.2.1 Radiation Emission Measurement Limits According to Section 15.207(a)

Frequency (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 - 5	56	46
5 - 30	60	50

* Decreases with the logarithm of the frequency.

7.3.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

7.3.1. 2.4G Wireless Transceiver (EUT)

Model Number	:	PD-7040
Serial Number	:	N/A
Manufacturer	:	Shenzhen Kwang Sung Electronics Co., Ltd.

7.4.Operating Condition of EUT

7.4.1.Setup the EUT and simulator as shown as Section 6.1.

7.4.2.Turn on the power of all equipment.

Let the EUT work in test modes (Connect to PC USB Port) measure it.

7.5.Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2003 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

All the scanning waveforms are attached in Appendix I.

7.6.Power Line Conducted Emission Measurement Results

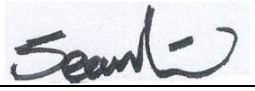
PASS.

The frequency range from 150kHz to 30MHz is checked.

Date of Test:	October 31, 2006	Temperature:	26°C
EUT:	2.4G Wireless Transceiver	Humidity:	55%
Model No.:	PD-7040	Power Supply:	120V a.c./60Hz
Test Mode:	Connect to PC	Test Engineer:	Andy

Test Line	Frequency MHz	Emission Level(dBμV) QP	AV	Limits(dBμV) QP	AV	Margin(dBμV) QP	AV
Va	0.185	42.3	40.9	64.3	54.3	22.0	13.4
Va	0.305	35.6	35.0	60.1	50.1	24.5	15.1
Va	0.365	35.5	35.4	58.6	48.6	23.1	13.2
Va	0.610	33.1	33.0	56.0	46.0	22.9	13.0
Va	0.790	32.1	31.8	56.0	46.0	23.9	14.2
Vb	0.185	40.3	37.9	64.3	54.3	24.0	16.4
Vb	0.305	30.9	30.7	60.1	50.1	29.2	19.4
Vb	0.365	30.5	30.4	58.6	48.6	28.1	18.2
Vb	0.610	27.5	27.1	56.0	46.0	28.5	18.9
Vb	18.22	29.5	29.1	60.0	50.0	30.5	20.9

The spectral diagrams in appendix I display the measurement of un-weighted peak values.

Reviewer **:** 

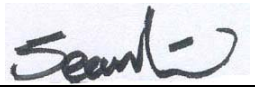
8. ANTENNA REQUIREMENT

8.1.The Requirement

7.1.1. According to Section 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.

8.2.Antenna Construction

The antenna is mount on the TX PCB, no consideration of replacement.

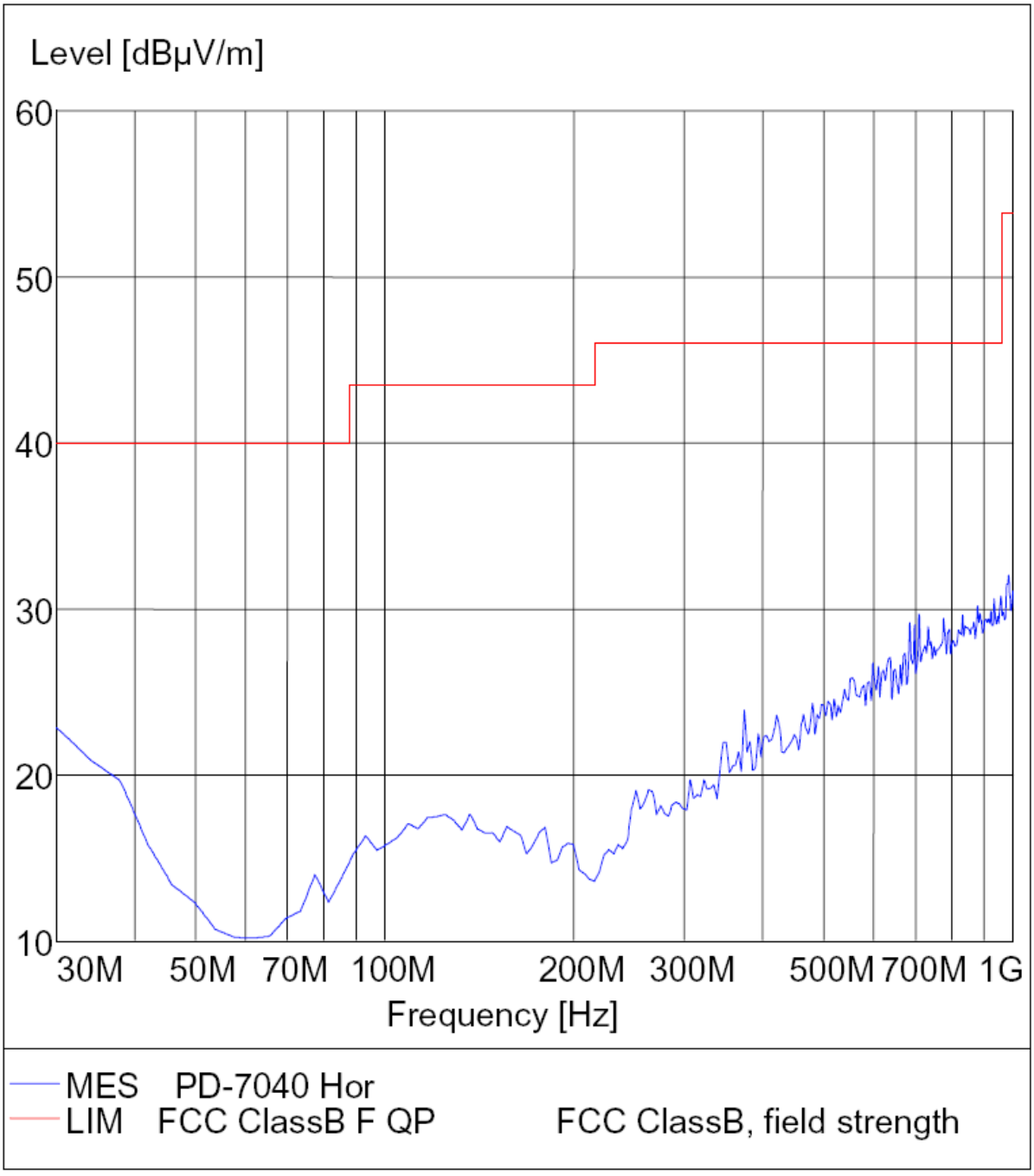
Reviewer **:** 

APPENDIX I
(Test Curves)

Radiated Disturbance

FCC Part15

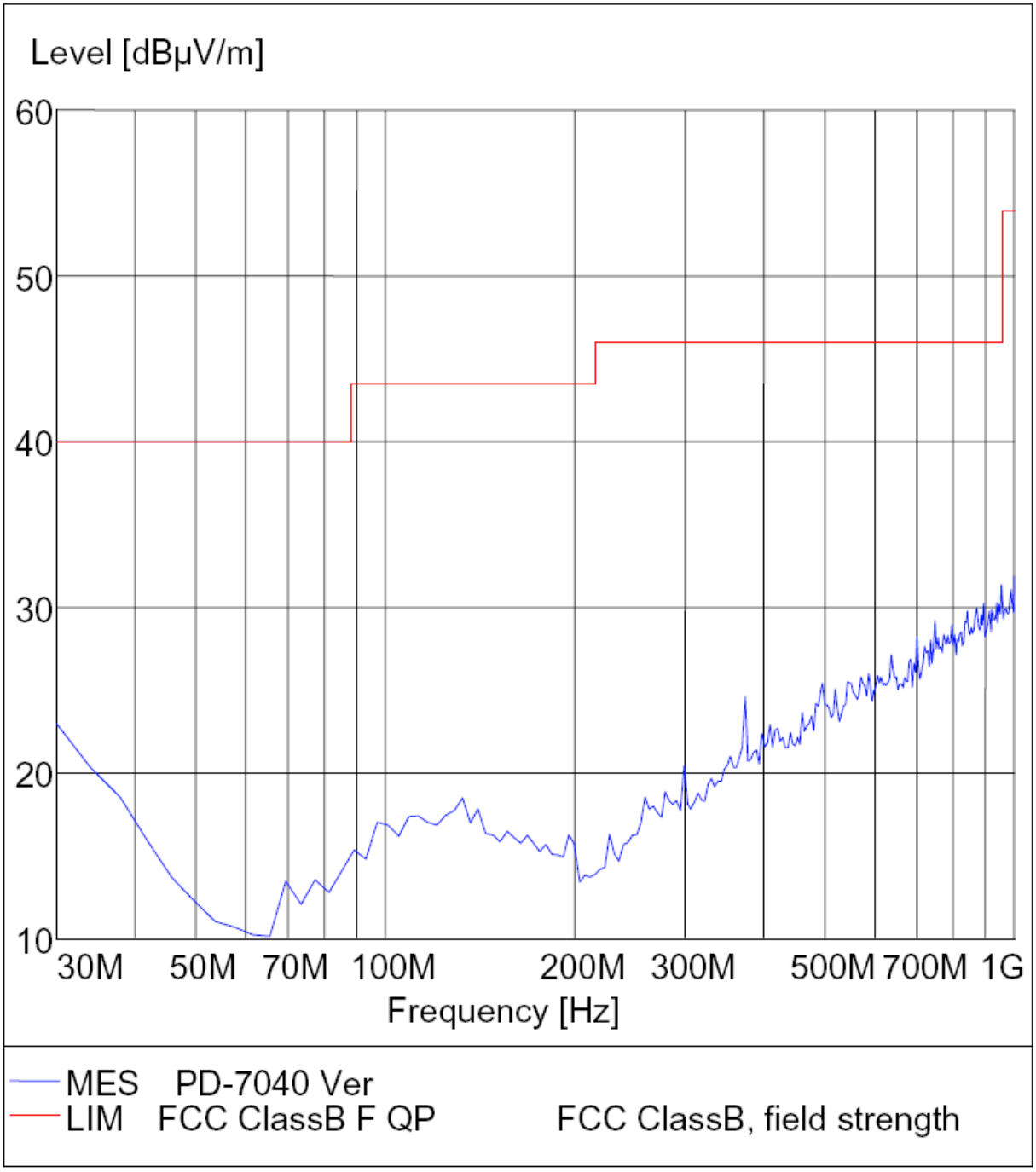
EUT: 2.4G Wireless Transceiver M/N:PD-7040
Manufacturer: Perception Digital Ltd.
Operating Condition: TX
Test Site: ATC EMC Lab. SAC
Operator: Andy
Test Specification: Horizontal
Comment : DC 1.5V



Radiated Disturbance

FCC Part15

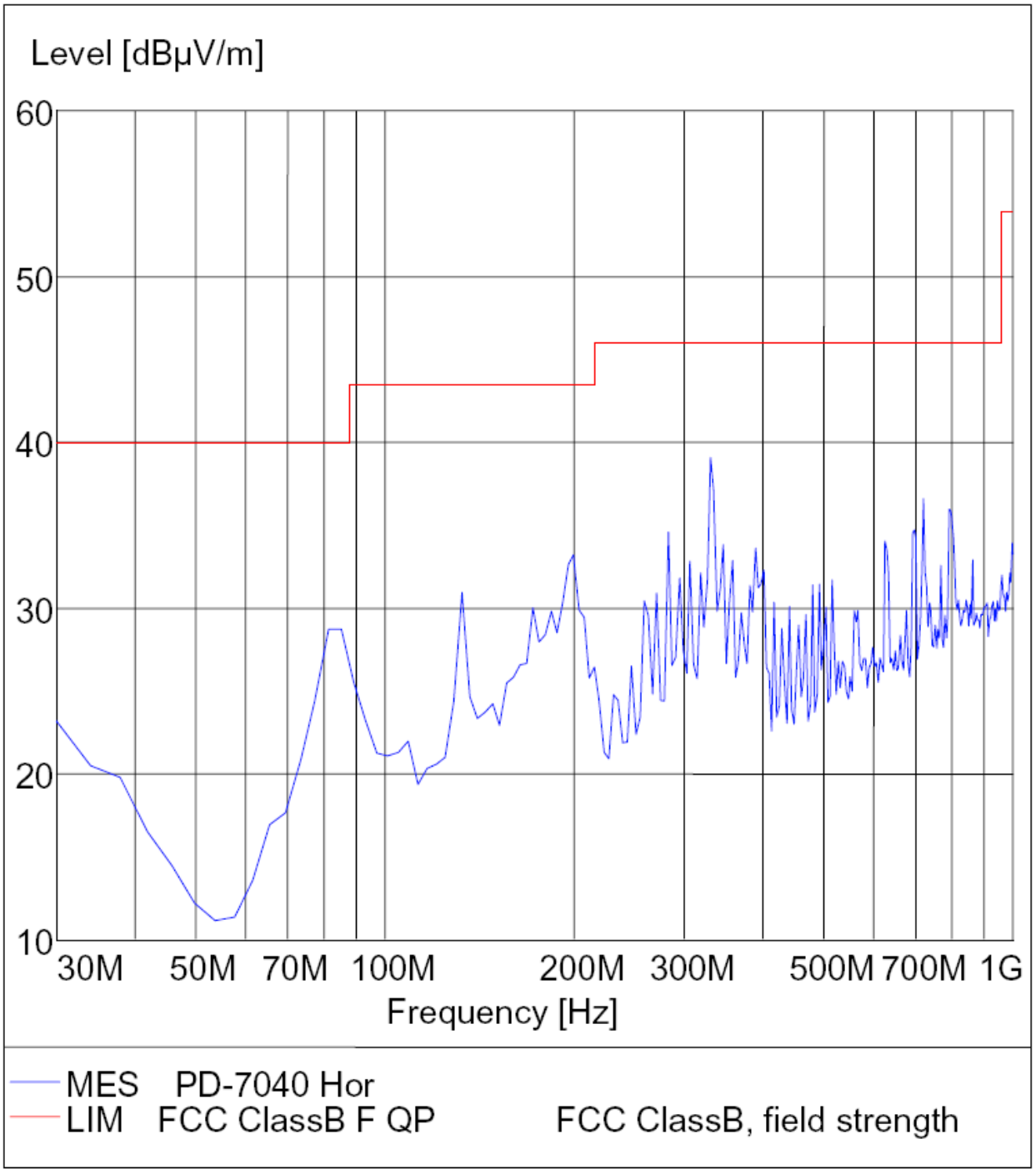
EUT: 2.4G Wireless Transceiver M/N:PD-7040
Manufacturer: Perception Digital Ltd.
Operating Condition: TX
Test Site: ATC EMC Lab. SAC
Operator: Andy
Test Specification: Vertical
Comment : DC 1.5V



Radiated Disturbance

FCC Part15

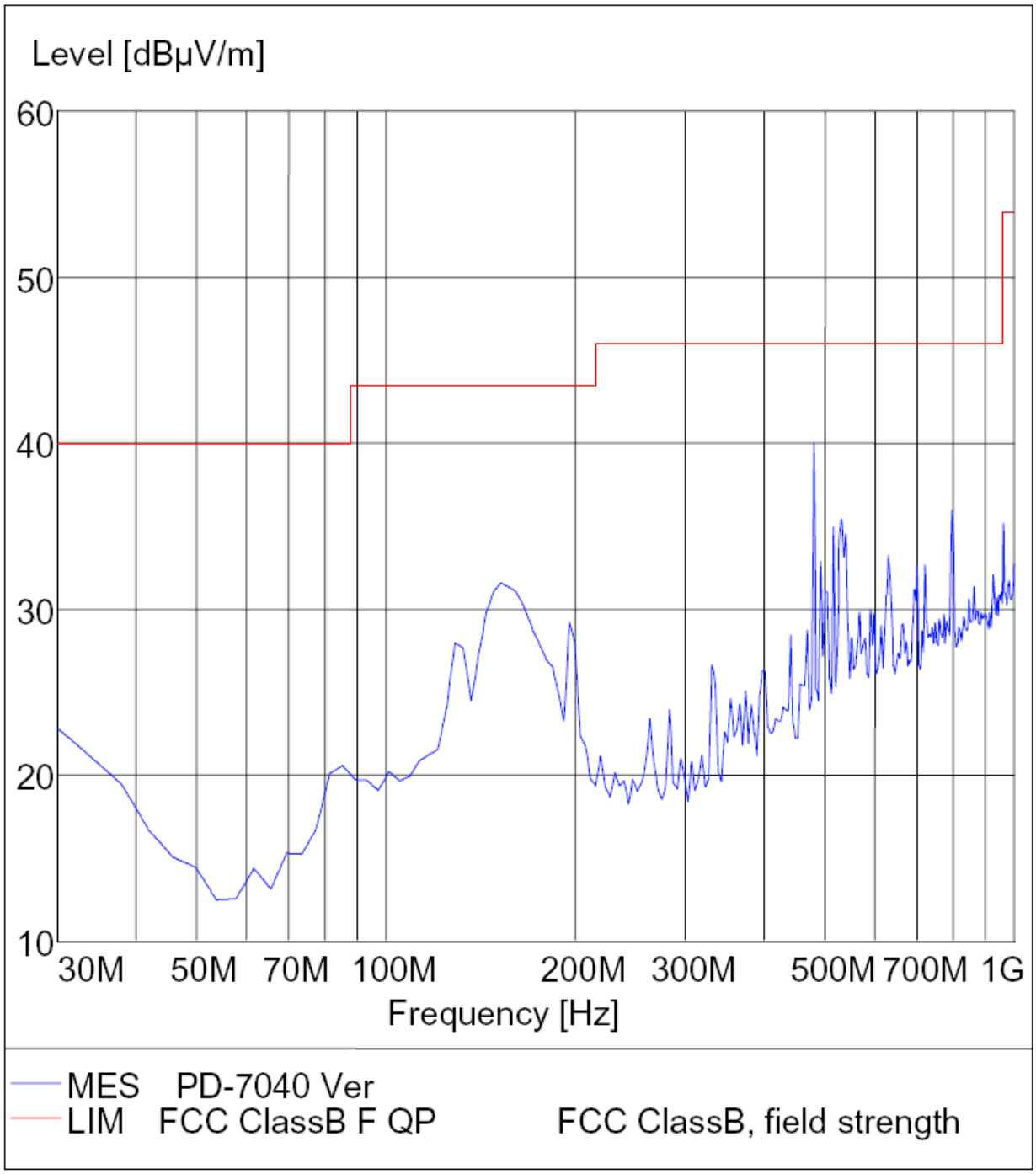
EUT: 2.4G Wireless Transceiver M/N:PD-7040
Manufacturer: Perception Digital Ltd.
Operating Condition: Connect to PC
Test Site: ATC EMC Lab. SAC
Operator: Andy
Test Specification: Horizontal
Comment: DC 5.0V

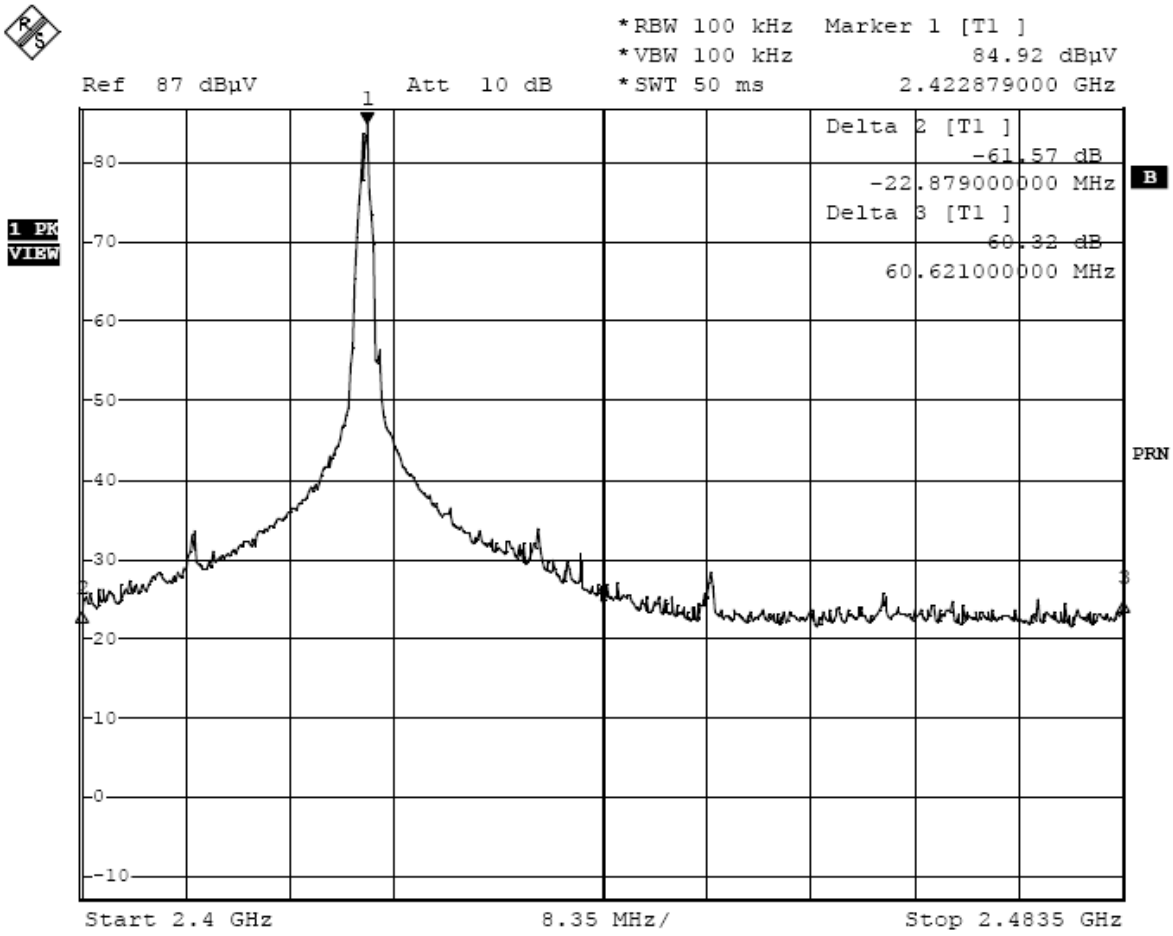


Radiated Disturbance

FCC Part15

```
EUT: 2.4G Wireless Transceiver              M/N:PD-7040
Manufacturer:       Perception Digital Ltd.
Operating Condition: Connect to PC
Test Site:          ATC EMC Lab. SAC
Operator:           Andy
Test Specification:  Vertical
Comment:            DC 5.0V
```




*RBW 100 kHz
*VBW 100 kHz
*SWT 50 ms
Marker 1 [T1]
84.92 dBµV
2.422879000 GHz
Ref 87 dBµV
Att 10 dB
Delta 2 [T1]
-61.57 dB
-22.879000000 MHz
Delta 3 [T1]
60.32 dB
60.621000000 MHz
1 PK
VIEW
B
PRN
Start 2.4 GHz
8.35 MHz/
Stop 2.4835 GHz

CONDUCTION EMISSION STANDARD FCC PART15B 31. Oct 06 17:47

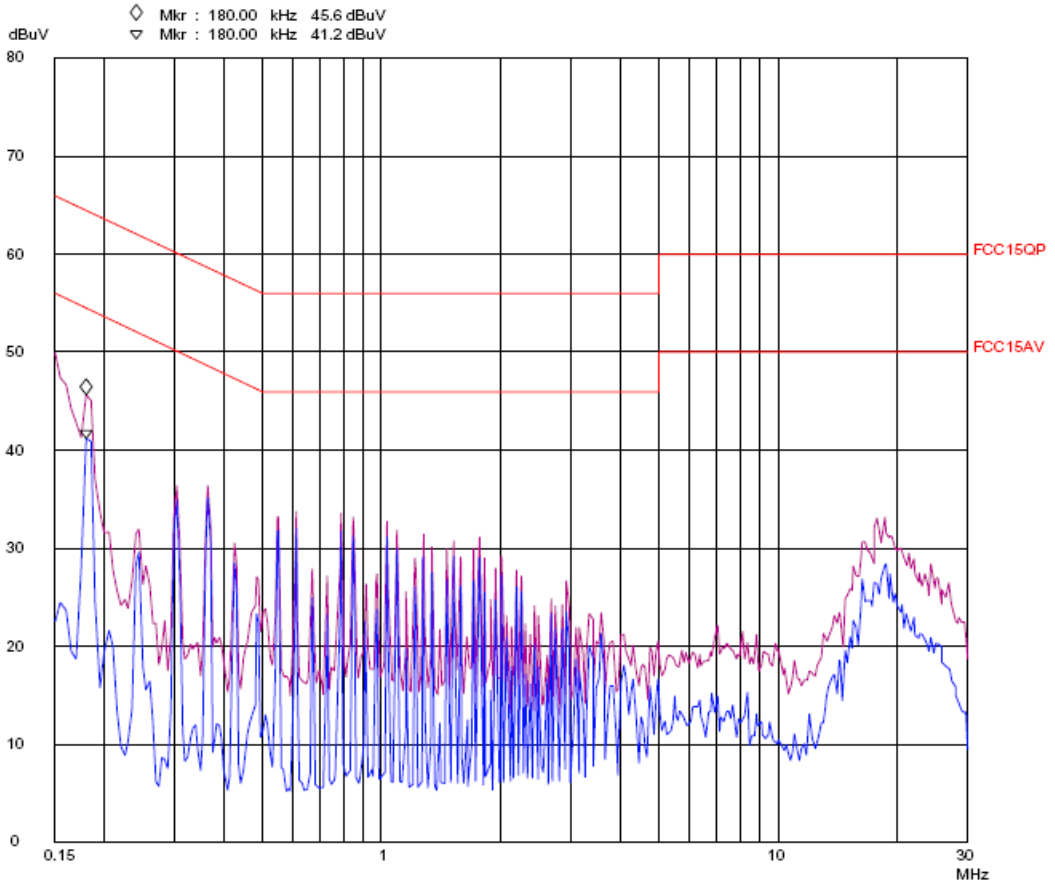
EUT:	2.4G wireless transceiver m/n:PD-7040
Manuf:	Perception Digital
Op Cond:	TX
Operator:	Andy.tan
Test Spec:	Va 120V/60Hz
Comment:	Tem25°C Humi50%
	Sample no.:063584

Scan Settings (3 Ranges)

Frequencies			Receiver Settings				
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp
150k	2M	5k	9k	PK+AV	10ms AUTO LN		OFF
2M	10M	10k	9k	PK+AV	1ms AUTO LN		OFF
10M	30M	25k	9k	PK+AV	1ms AUTO LN		OFF

Final Measurement: x QP / + AV
Meas Time: 1 s

Transducer No.	Start	Stop	Name
1	9k	30M	confac



CONDUCTION EMISSION STANDARD FCC PART15B 31. Oct 06 17:52

EUT: 2.4G wireless transceiver m/n:PD-7040
Manuf: Perception Digital
Op Cond: TX
Operator: Andy.tan
Test Spec: Vb 120V/60Hz
Comment: Tem25°C Humi50%
Sample no.:063584

Scan Settings (3 Ranges)

Frequencies			Receiver Settings				
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp
150k	2M	5k	9k	PK+AV	10ms	AUTO LN	OFF
2M	10M	10k	9k	PK+AV	1ms	AUTO LN	OFF
10M	30M	25k	9k	PK+AV	1ms	AUTO LN	OFF

Final Measurement: x QP / + AV
Meas Time: 1 s

Transducer No.	Start	Stop	Name
1	9k	30M	confac