MEASUREMENT REPORT
of
Wireless LAN PC Card

Applicant	**:**	Remotek Corporation
Model No.	**:**	WP-320
EUT	**:**	Wireless LAN PC Card
FCC ID	**:**	PY4-WP320
Report No.	**:**	R2415495

Tested by :

Training Research Co., Ltd.

TEL : 886-2-26935155 FAX : 886-2-26934440

No. 255, Nanyang Street, Shijr, Taipei Hsien 221, Taiwan, R.O.C.

CERTIFICATION

We here by verify that:

The test data, data evaluation, test procedures and equipment configurations shown in this report were made mainly in accordance with the procedures given in ANSI C63.4 (1992) as a reference. All test were conducted by ***Training Research Co., Ltd.***, 255 Nanyang Street, Shijr, Taipei Hsien 221, 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** the technical requirements set forth in the FCC Rules Part 15 Subpart B (Declaration of Conformity) and C Section 15.247.

Applicant	**:**	Remotek Corporation
Applicant address	**:**	6F-6, No.77, Sec. 1, Hsin Tai Wu Rd., Hsi-chih, Taipei, Taiwan, R.O.C.
EUT	**:**	Wireless LAN PC Card
Model No.	**:**	WP-320
FCC ID	**:**	PY4-WP320
Report No.	**:**	R2415495
Test Date	**:**	April 14, 2003

Prepared by: Jack Tsai _____ **Approved by:** Frank Tsai _____

Jack Tsai *Frank Tsai*

Tested by :

Training Research Co., Ltd.

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255 Nanyang Street, Shijr, Taipei Hsien 221, Taiwan, R.O.C.

Federal Communications Commission

Declaration of Conformity

(DoC)

For the Following Equipment:

Product name : Wireless LAN PC Card
Model name : **WP-320**
Trade name : Remotek Corporation

Is herewith confirmed and found to comply with the requirements of CFR 47 part15 Subpart B - Unintentional Radiators regulation. The results of electromagnetic mission evaluation are shown in the **report number : R2415495**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation

Manufacturer	*USA local representative*
Company name: Remotek Corporation	**To be determined**
Computer address: 6F-6, No.77, Sec. 1, Hsin Tai Wu Rd., Hsi-chih, Taipei, Taiwan, R.O.C.	
ZIP / Postal code 221	
Contact person: Owen Chen	
Title: R&D Manager	
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Ⅰ. GENERAL

1.1 Introduction

The following measurement report is submitted on behalf of applicant in support that the *cable gateway* certification in accordance with Part 2 Subpart J and Part 15 Subpart A and C of the Commission's Rules and Regulations.

1.2 Description of EUT

EUT	**:**	Wireless LAN PC Card
Model No.	**:**	WP-320
Granted FCC ID	**:**	PY4-WP320
Frequency Range	**:**	2.412GHz ~ 2.462GHz
Support Channel	**:**	11 Channels
Modulation Skill	**:**	BPSK, QPSK, CCK
Power Type	**:**	By the PCMCIA Interface of Notebook

1.3 Test method

1. Insert the EUT into the PCMCIA interface of the Notebook Computer
2. Using the Notebook Computer and software provided by the manufacturer to control EUT. The software is operated under the Windows to control the EUT in the continuous transmission mode.
3. Set different channel being tested and repeat the procedures above.
   (a) Radiated for intentional test:
   making EUT to the mode of continuous transmission
   (b) Conducted and Radiated for unintentional test:
   making EUT to the linking (Rx/Tx) mode with far support equipments

1.4 Description of Support Equipment

In order to construct the minimum testing, following equipment were used as the support units.

Notebook	**:**	**IBM Think Pad X20**
Model No.	:	2662-11T
Serial No.	:	FX-1192200/09
FCC ID	:	N/A, Doc Approved
檢磁	:	3892B565
Adaptor	**:**	**IBM**
Model No.	:	PA2450U
Serial No.	:	02K6654
FCC ID	:	N/A, Doc Approved
Power type	:	I/P: 100 ~ 240vac, 50 ~ 60 Hz, 0.5A ~ 1.2A; O/P: 16Vdc, 4.5A
Power cord	:	Non-shielded, 1.80m long, Plastic, with ferrite core
Fax/Modem	**:**	**Aceex**
Model No.	:	DM-1414
Serial No.	:	9010582
FCC ID	:	IFAXDM1414
Power type	:	120 VAC / 50 ~ 60 Hz, Switching
Power Cord	:	Non-shielded, 1.90m long, Plastic hoods, and no ferrite bead
Data Cable	:	RS-232→Shielded, 1.30m long, Metal hoods , No bead
		RJ-11Cx2→Non-shielded, 7’ long, Plastic hoods, No bead
Printer	**:**	**HP**
Model No.	:	C6464A
Serial No.	:	TH16LEB5PK
FCC ID	:	N/A, DoC Approved
檢磁	:	3892H381
Power type	:	Switching adaptor
Power cord	:	Non-shielded, 173cm long, No ferrite core
		(between adaptor and AC source)
		Non-shielded, 180cm long, with ferrite core
		(between printer and adaptor)
Data cable	:	Shielded, 1.70m long, No ferrite core

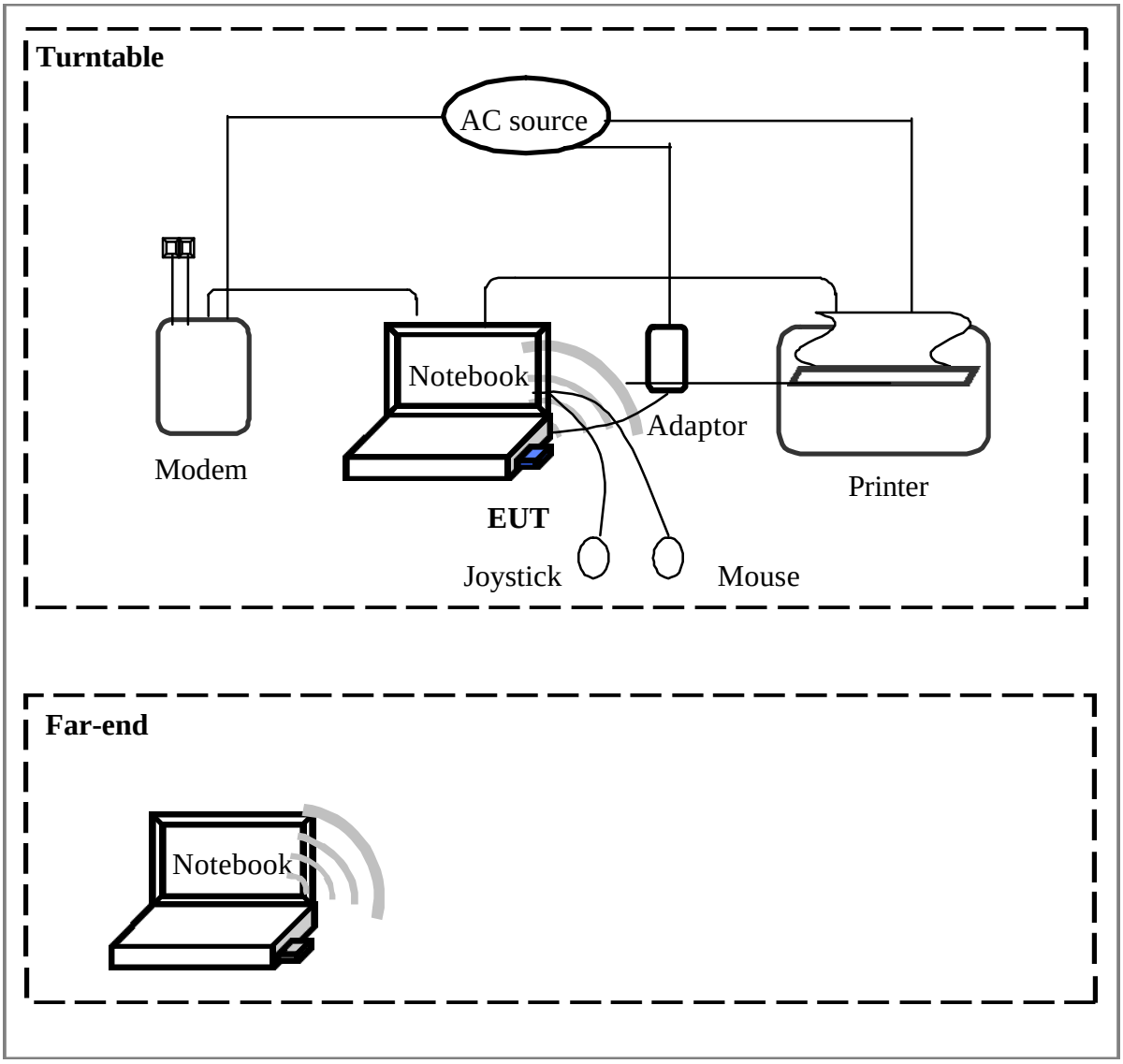
Mouse	**:**	**Logitech**
Model No.	:	M-BA47
Serial No.	:	LZE92250027
FCC ID	:	DoC Approved
檢磁	:	4872A220
Power type	:	Powered by Computer
Power Cable	:	Shielded, 1.5m long, Plastic hoods, No ferrite bead

USB

Gamepad	**:**	**Rockfire**
Model No.	:	QF-337uv
Serial No.	:	10600545, KR91379759
FCC ID	:	None (CE approval)
檢磁	:	3862A574
Power type	:	By computer
Data Cable	:	Shielded, 1.81m long, Plastic, with ferrite core

1.5 Configuration of System Under Test

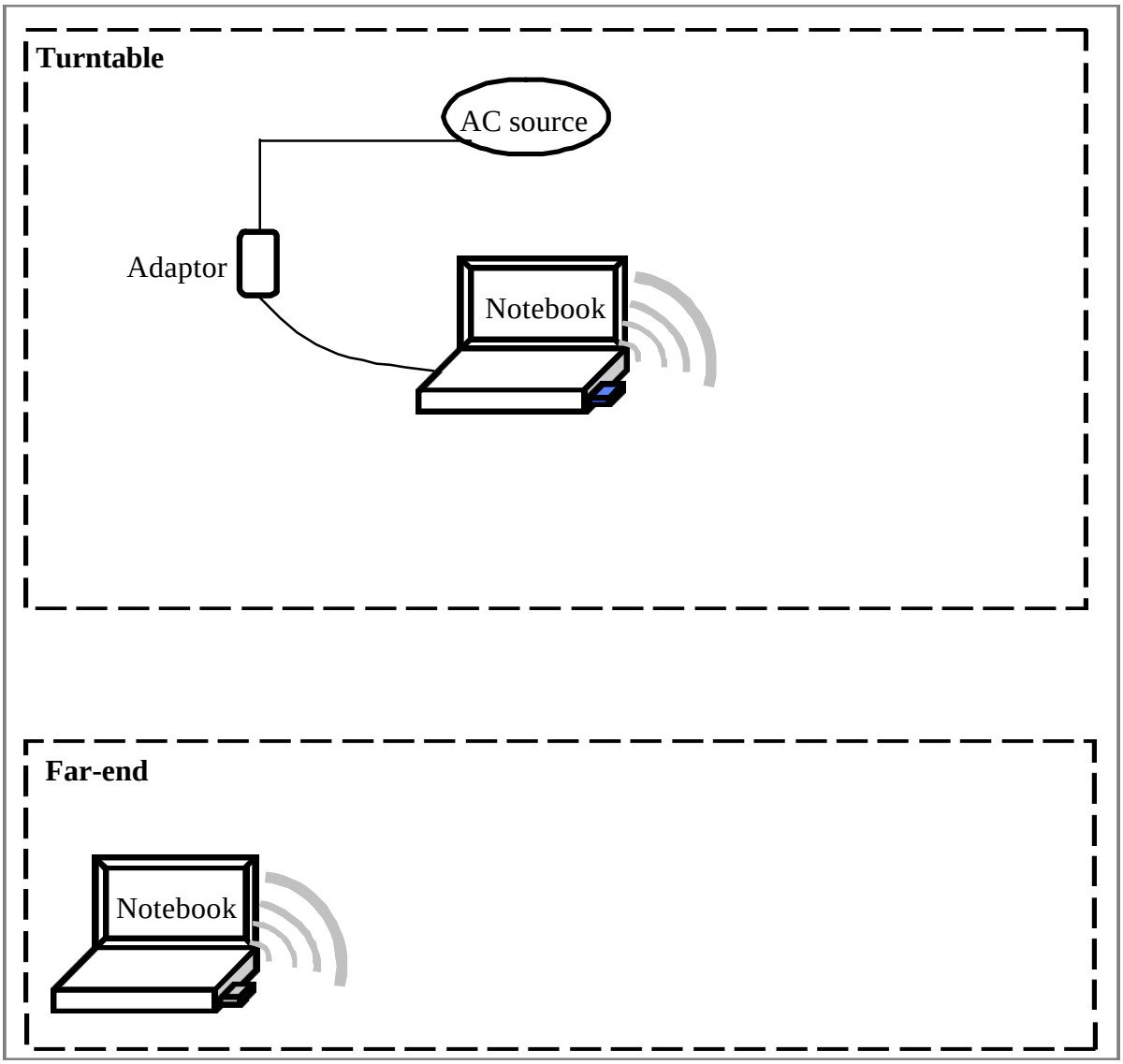
(Conducted and Radiated for unintentional)



Connections of Computer:

* Parallel Port --- a printer
* Serial Port --- an external modem
* PS/2 Port --- a PS/2 mouse
* USB Port --- a Joystick
* PCMCIA Port --- **EUT**

(Radiated of intentional)



The tests below are carried out the EUT transmitter set at high power in TDD mode. The EUT is needed to force selection of output power level and channel number.

The setting up procedure was recorded in <1.3> test method.