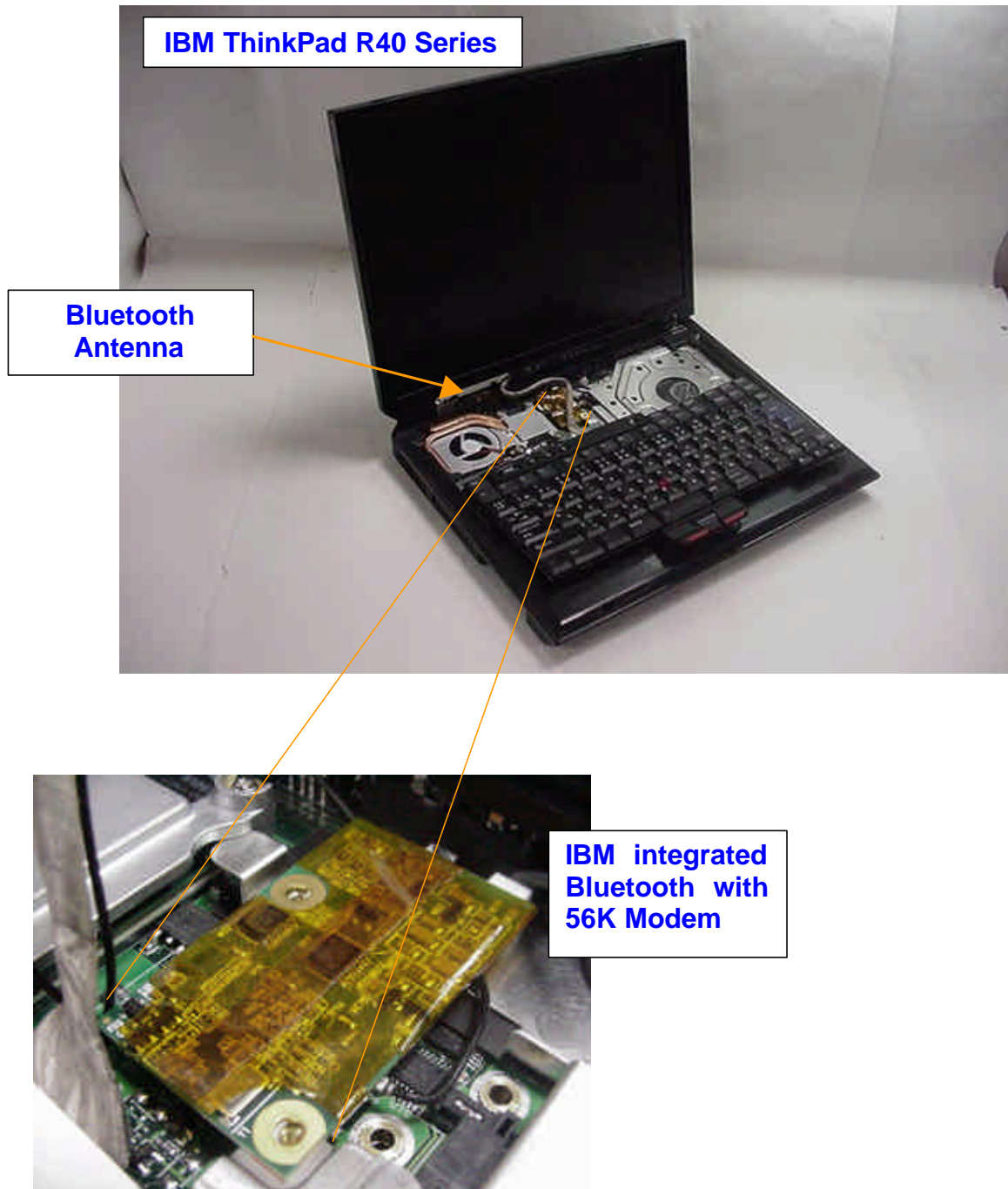


# **Host Unit Information of ThinkPad R40 Series**

- **Host PC Information**
- **Host PC Labeling**
- **Antenna Information**

## Host PC Information

The inverted F-figure type antenna is built in the left side hinge section of main body.



IBM ThinkPad R40 Series,

LCD 15 inch Model



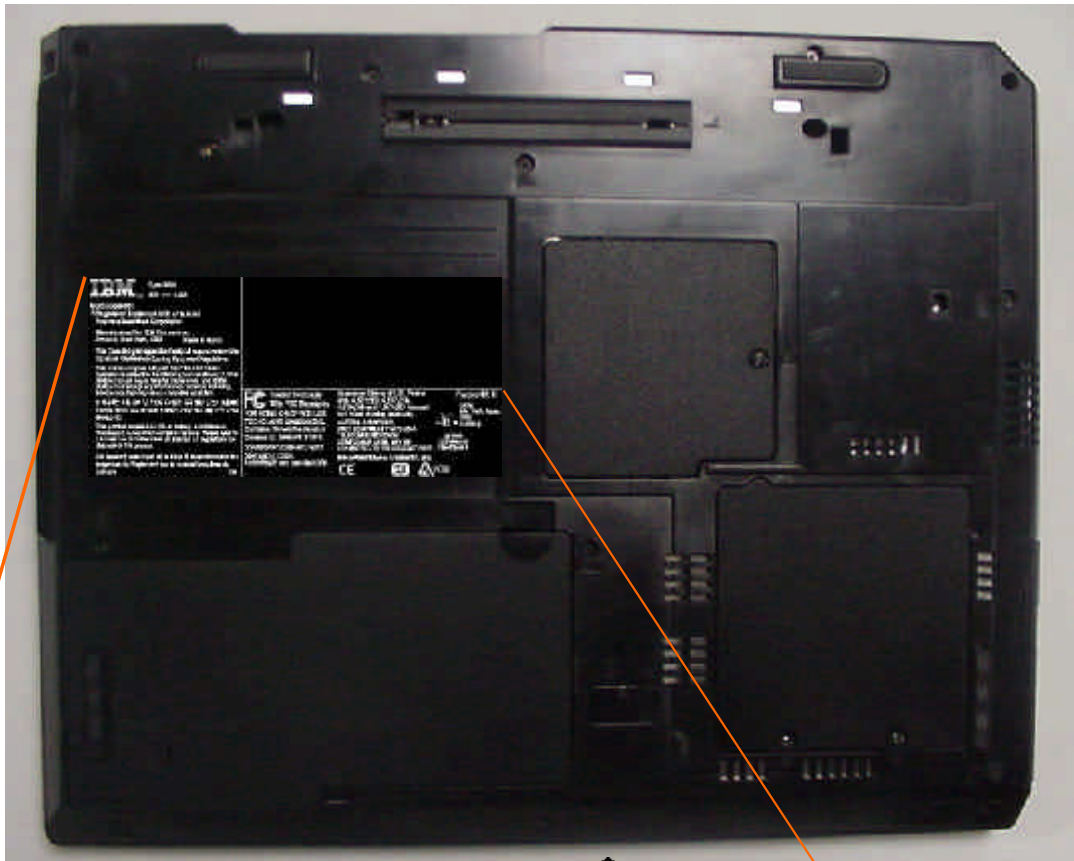
LCD 14 inch Model



LCD 13 inch Model



## Host PC Labeling



Bottom view, Front side



**IBM** Type 2681  
16V --- 4.5A

Marca Registrada

®Registered Trademark of International  
Business Machines Corporation

Manufactured for IBM Corporation,  
Armonk, New York, USA Made In Korea

This Class B digital apparatus meets all requirements of the  
Canadian Interference Causing Equipment Regulations.

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.

본 제품에는 리튬 전지 및 수은이 들어있는 음극 형광 램프가 포함되어  
있으므로 폐기시 사용 설명서를 참조하거나 법령 또는 해당 지역 규격을  
준수하십시오.

This product contains a Lithium Battery and Cathode  
Fluorescent Lamp which contains mercury. Please refer to  
User Manual or follow local ordinances or regulations for  
disposal of this product.

Cet appareil numérique de la class B respecte toutes les  
exigences du Règlement sur le matériel brouilleur du  
Canada.

CM

802.11a/b MAC

This PC label shows a case of multiple  
transmitters device with a built-in type  
transmitter certified separately as FCC  
ID: ANO20020300D3L.

The applying LMA transmitter  
is pre-installed by IBM, and  
the FCC ID is also labeled on  
the host PC's enclosure.

**FC** Tested To Comply  
With FCC Standards  
FOR HOME OR OFFICE USE  
FCC ID: ANO20020300D3L  
Contains Transmitter Module  
FCC ID: ANO20020100MTN  
Canada IC: 349E-PH1107E  
IC: 349E-BMDC200  
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Apparatus Claims of U.S. Patent  
Nos. 4,831,003, 4,577,216,  
4,819,095 and 4,907,083 licensed  
for limited viewing uses only.

AUSTRALIA WARNING:  
ONLY EQUIPMENT THAT HAS A  
TELECOMMUNICATIONS  
COMPLIANCE LABEL MAY BE  
CONNECTED TO THE HEADSET PORT.  
技術基準適合認証済みの無線装置に対応

Factory ID: K

Listed  
Info. Tech. Equip.  
7K85  
E145483



CANADA  
ICES/NMB-008  
Class/Classe B



S/N

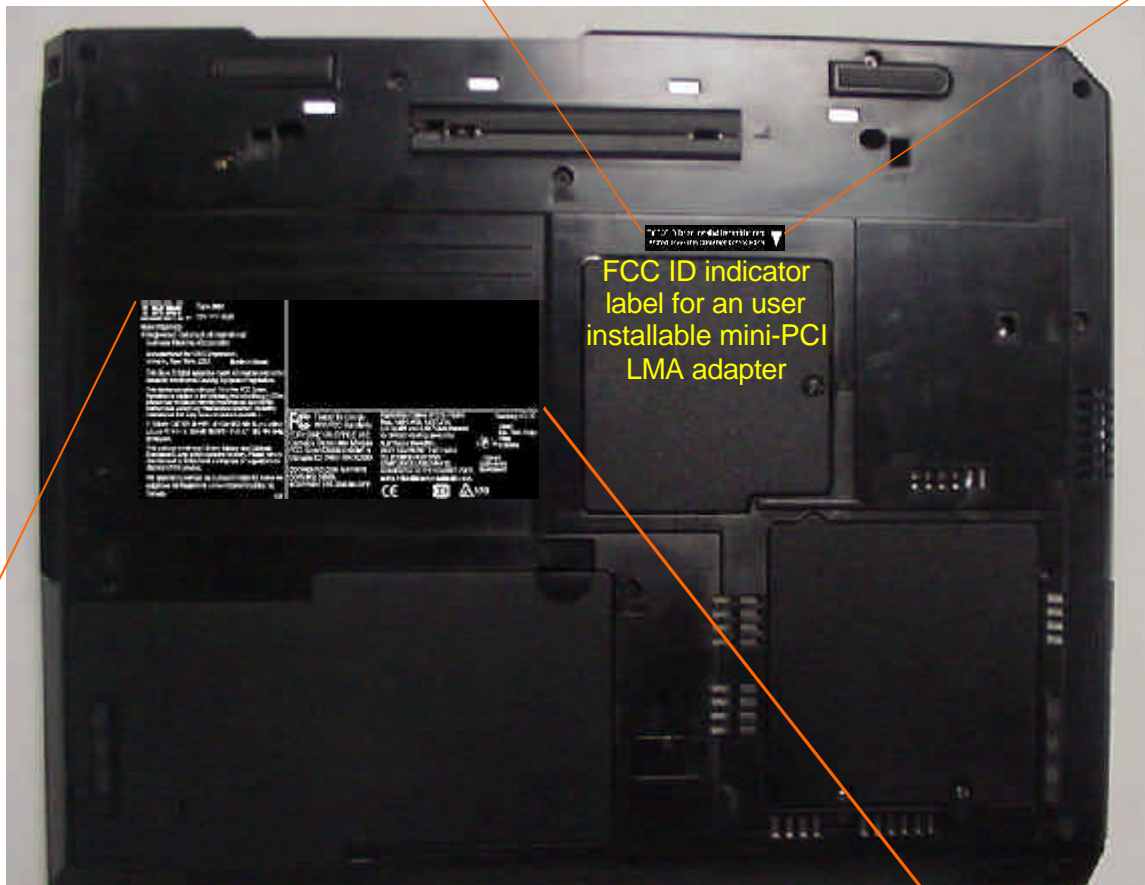


A different label of the applying Host PC (ThinkPad R40 Series)

TX FCC ID for an installed transmitter card  
located under this Customer Access Panel.



FCC ID indicator  
label for an user  
installable mini-PCI  
LMA adapter



Type 2681  
16V --- 4.5A

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준수하십시오.

This product contains a Lithium Battery and Cathode  
Fluorescent Lamp which contains mercury. Please refer to  
User Manual or follow local ordinances or regulations for  
disposal of this product.

Cet appareil numérique de la class B respecte toutes les  
exigences du Règlement sur le matériel brouilleur du  
Canada.

CM

COA Label

FCC ID of the applying LMA  
transmitter pre-installed by IBM

**FC** Tested To Comply  
With FCC Standards  
FOR HOME OR OFFICE USE  
Contains Transmitter Module  
FCC ID: ANO20020100MTN  
Canada IC: 349E-BMDC200

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Apparatus Claims of U.S. Patent  
Nos. 4,831,803, 4,577,216,  
4,819,008 and 4,907,093 licensed  
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COMPLIANCE LABEL MAY BE  
CONNECTED TO THE HEADSET PORT.  
技術基準適合認定済みの無線装置に対応

Factory ID: K

Listed  
Info. Tech. Equip.  
7K06  
E145483



CANADA  
ICES/NMB-003  
Class/Classe B



802.11a/b MAC

S/N

## Antenna Information

### 1. Antenna Specification

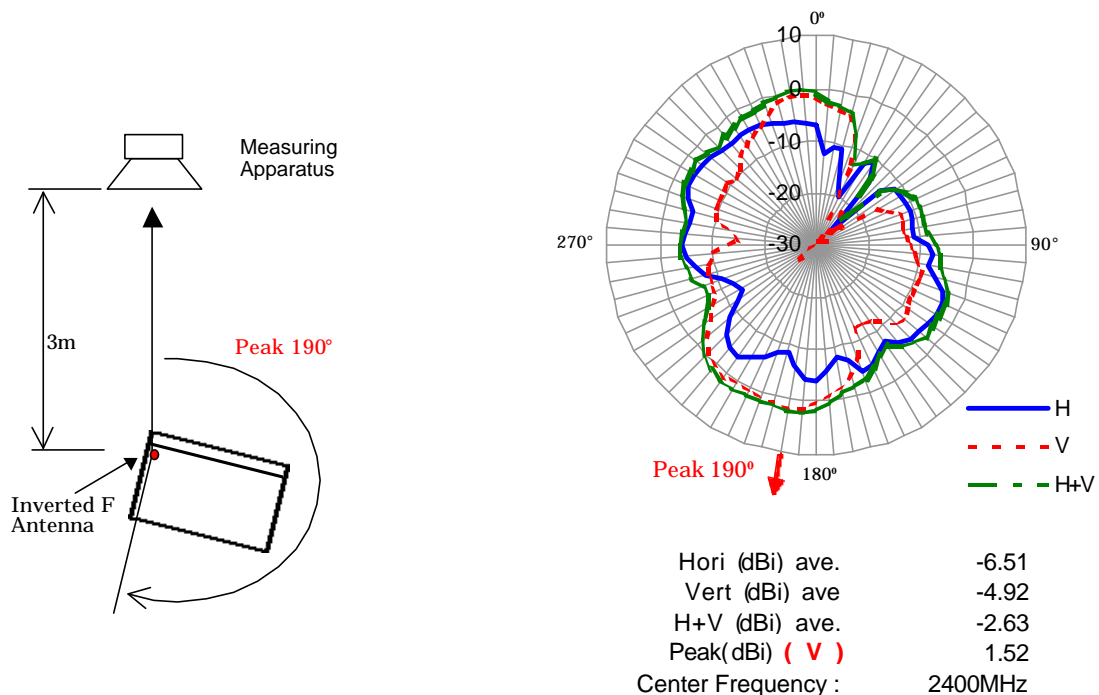
Transmission Antenna assembly overview

Manufacture	Antenna type	Cable type and length	Gain (dBi) Note 1)
<b>Amphenol K.A.E.</b>	<b>Inverted F type Antenna</b>	<b>coax 80mm</b>	<b>1.52 dBi (peak)</b>

Notes:

- 1a. Includes all cable losses.
- 1b. Antenna type should be Omni Directional and have gain of 2.0 dBi or less, regarding the IBM internal specification.

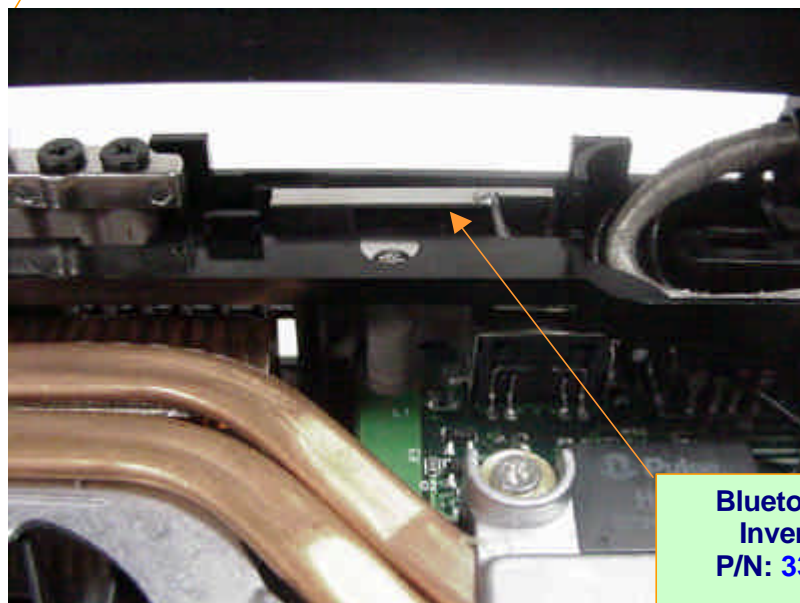
### 2. Radiation characteristic of antennas



Note1) The measurement was performed at 3 frequencies (2400, 2450, 2500MHz).

Note2) The maximum antenna gain was found around **190 degree** angle from measuring apparatus in **Vertical** polarization at the middle frequency (2400MHz).

### 3. Antenna Location



**Bluetooth Antenna  
Inverted-F type  
P/N: 3301BZ9066A**

#### **4. Exterior Photos of Antennas**

