

Host Unit Antenna Information

for

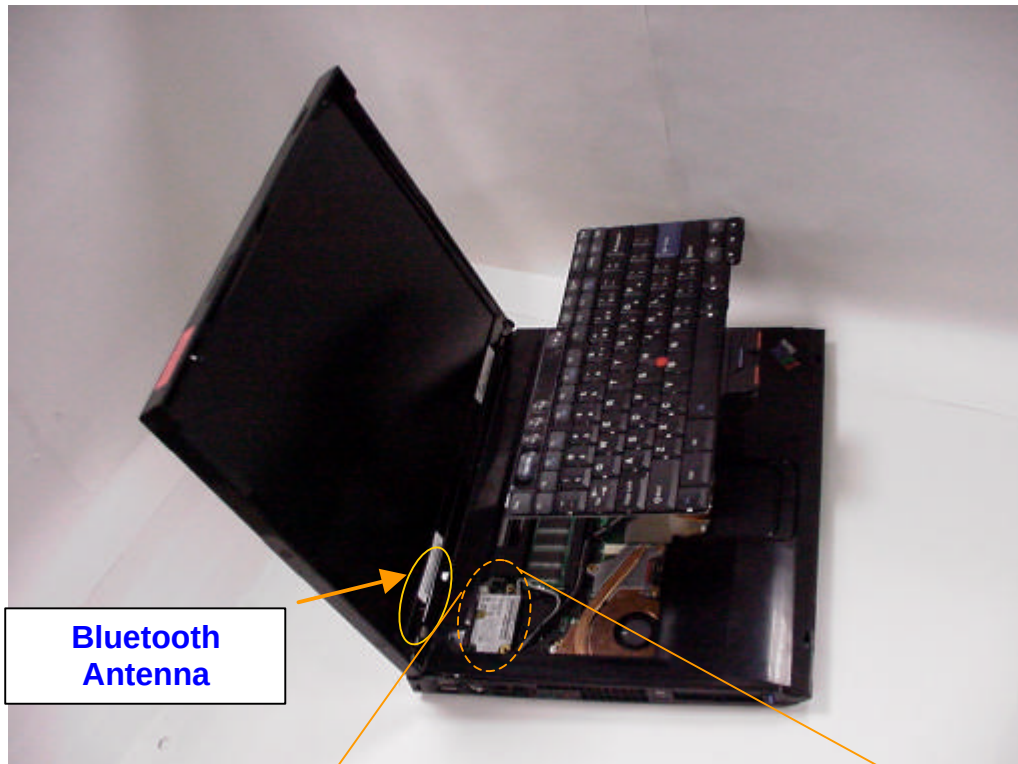
ThinkPad R50 Series

- 1. **HOST PC INFORMATION** 2
- 2. **HOST PC LABELING**..... 4
- 3. **ANTENNA SPECIFICATIONS**..... 5
 - 3.1 **TRANSMISSION ANTENNA ASSEMBLY OVERVIEW** 5
 - 3.2 **ANTENNA LOCATION** 5
 - 3.3 **ANTENNA PHOTOS** 6

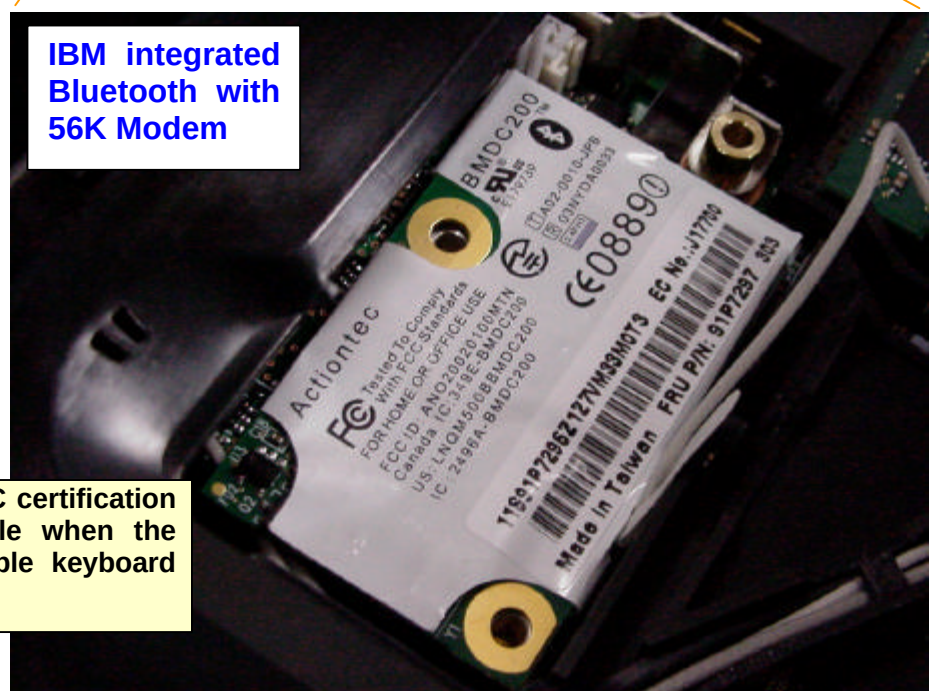
1. Host PC Information

IBM ThinkPad R50 Series

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



**Bluetooth
Antenna**



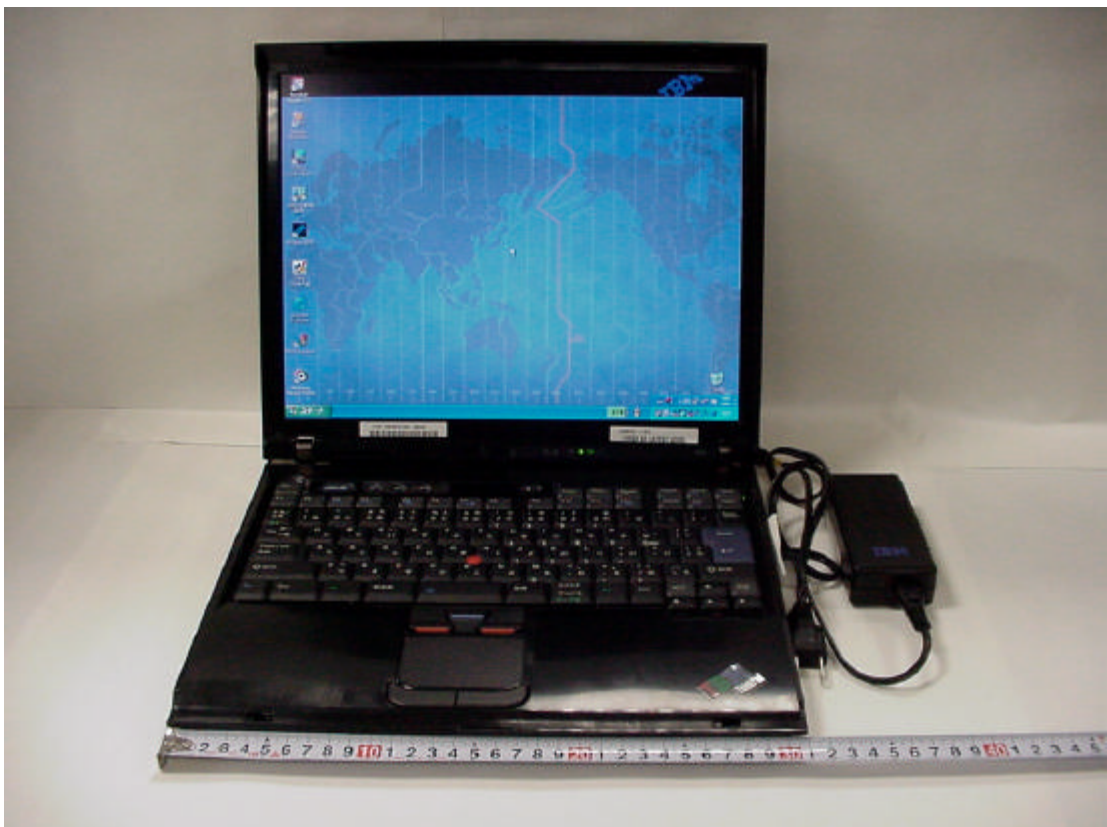
**IBM integrated
Bluetooth with
56K Modem**

The FCC ID and IC certification number are visible when the customer removable keyboard is taken away.

IBM ThinkPad R50 Series, LCD 15 inch Model



IBM ThinkPad R50 Series, LCD 14 inch Model



2. Host PC Labeling

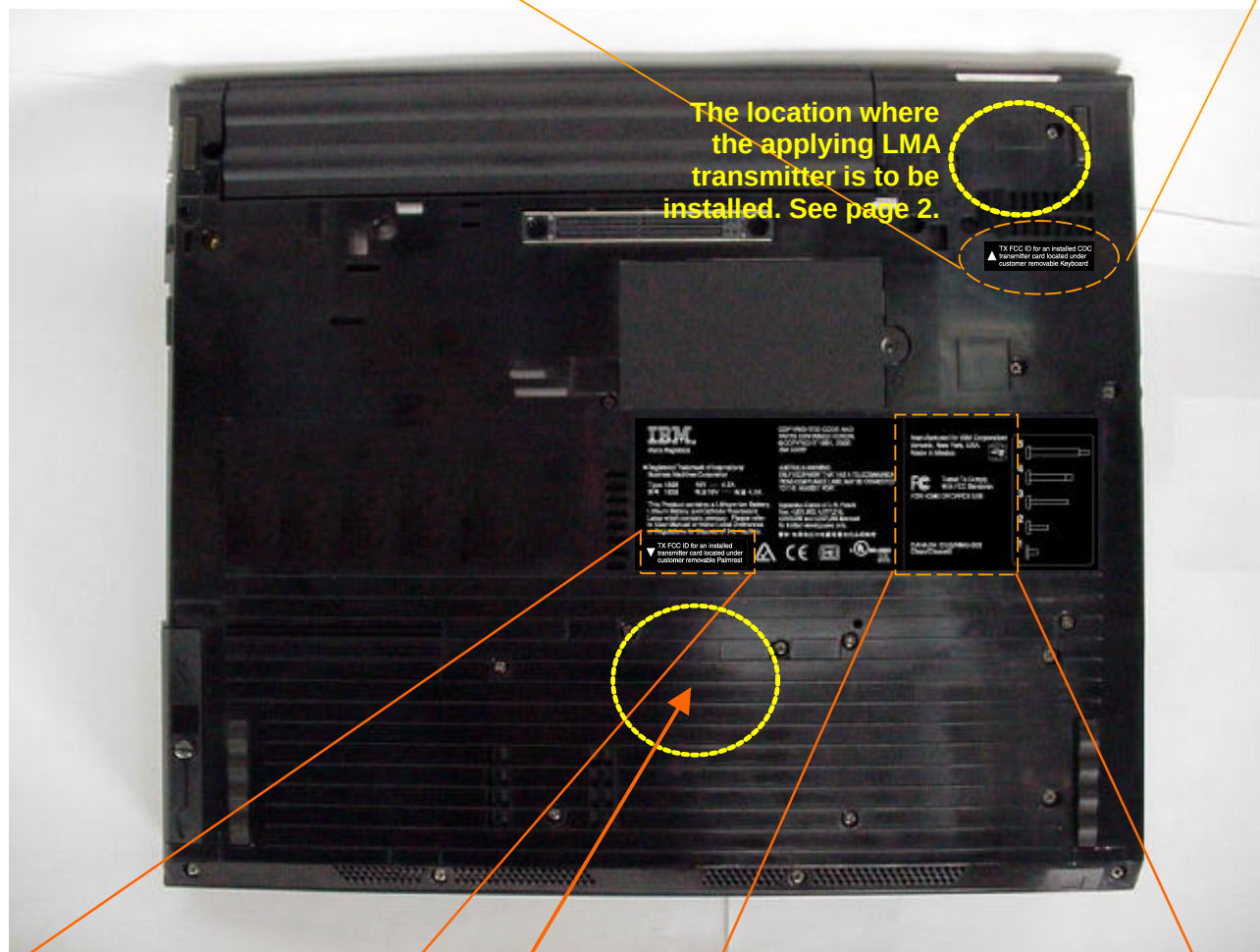
Labeling of R50 Series



TX FCC ID for an installed CDC transmitter card located under customer removable Keyboard

The location where the applying LMA transmitter is to be installed. See page 2.

TX FCC ID for an installed CDC transmitter card located under customer removable Keyboard



TX FCC ID for an installed transmitter card located under customer removable Palmrest

One of the following co-located user installable LMA transmitters is installed under this location.

FCC ID: ANO20020201CLK

or

ANO20030400LEG

Those are to be certified separately from this application.

Manufactured by IBM United Kingdom Ltd.
Greenock Scotland, Made in U.K.



Tested To Comply
With FCC Standards

CANADA ICES/NMB-003 Class/ClasseB

3. Antenna Specifications

3.1 Transmission Antenna assembly overview

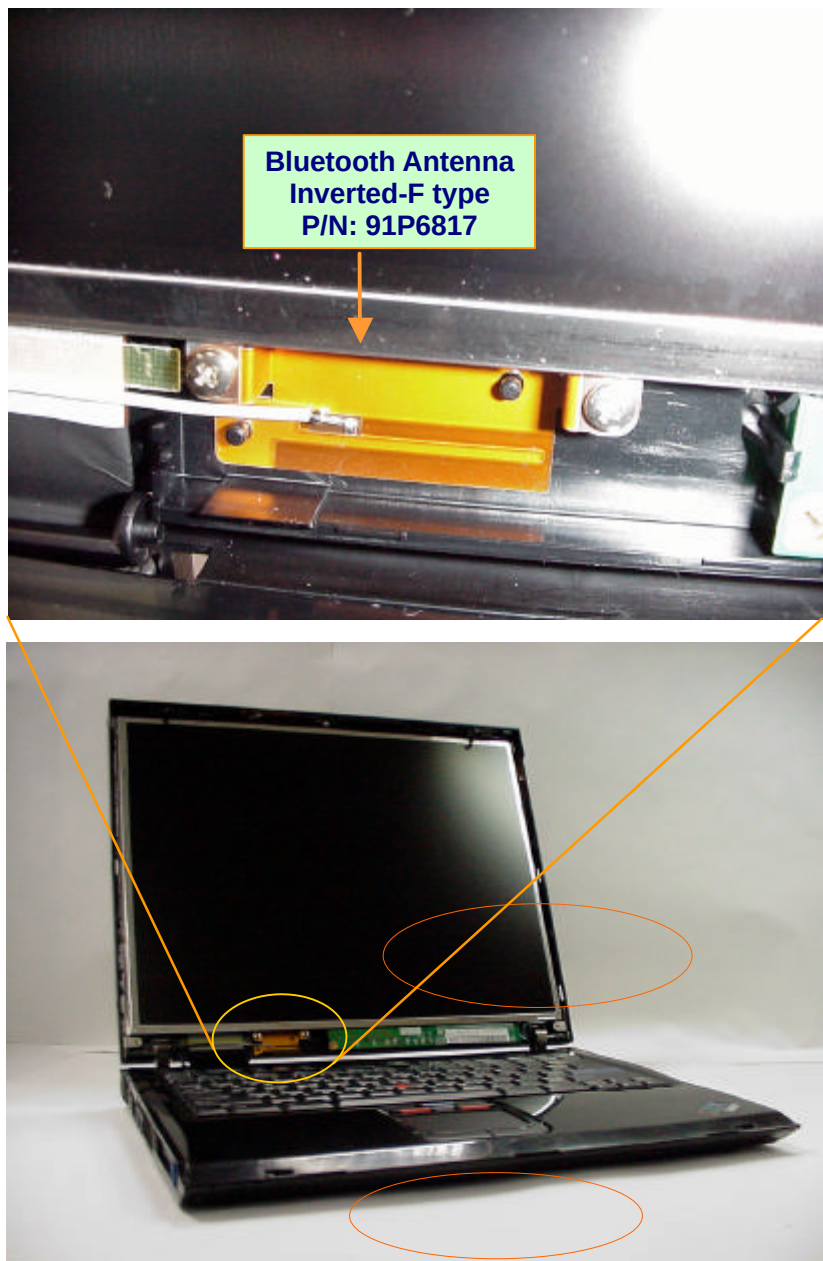
Designator (Parts Number)	Manufacture	Antenna type	Cable type and length	Gain (dBi) Note 1)
Bluetooth antenna 91P6817	Hitachi Cable Ltd. (Japan)	Inverted F type Antenna	coax 265mm	2.16 dBi (peak)

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.

3.2 Antenna location



3.3 Antenna Photos

