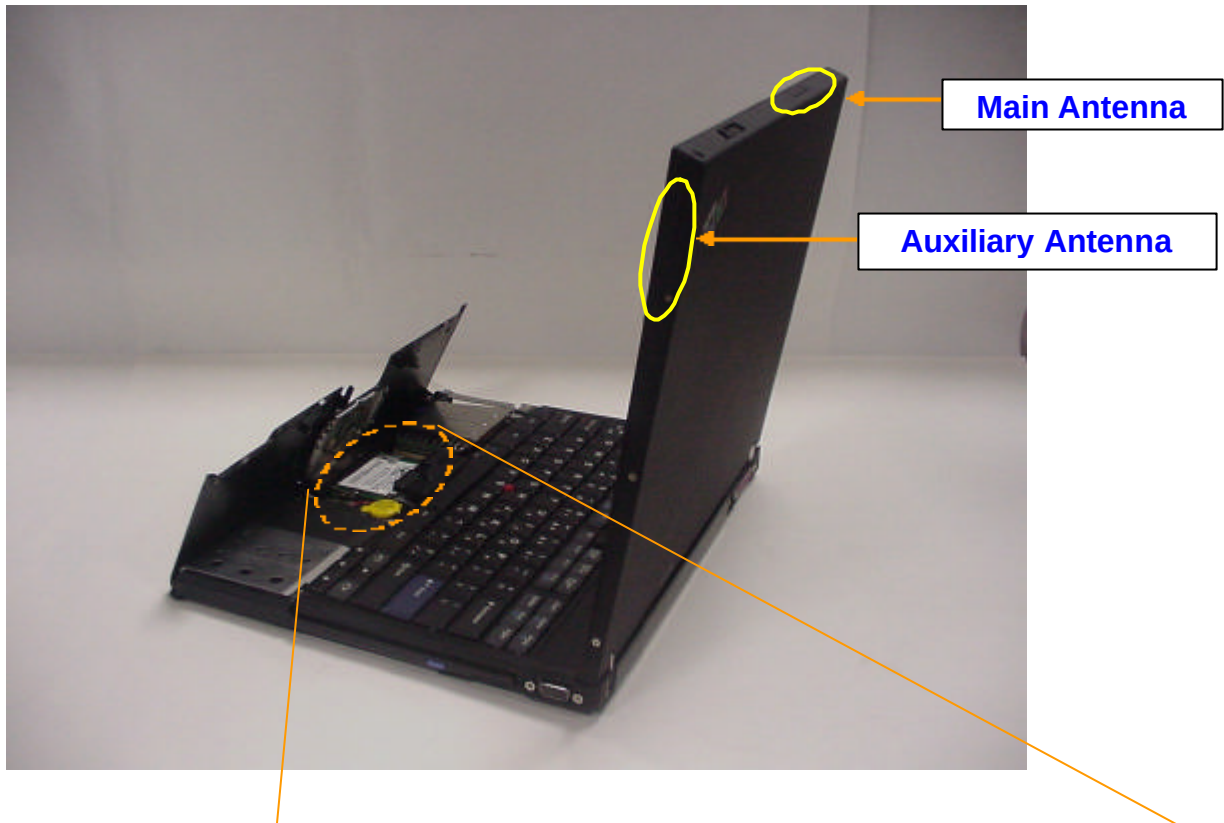


Host Unit Information of ThinkPad T40 Series

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

Host PC Information

The main antenna, an inverted F-figure type antenna, is built in the top of the LCD, and the auxiliary antenna, a coupled floating element antenna, is built in the right side of the LCD. Those diversity antennas are not used simultaneously. One of the antennas is selected automatically or manually to have a good quality of radio communication.



The FCC ID and IC's Certification Number is visible when the top cover is removed.



IBM ThinkPad T40 Series



Host PC Labeling

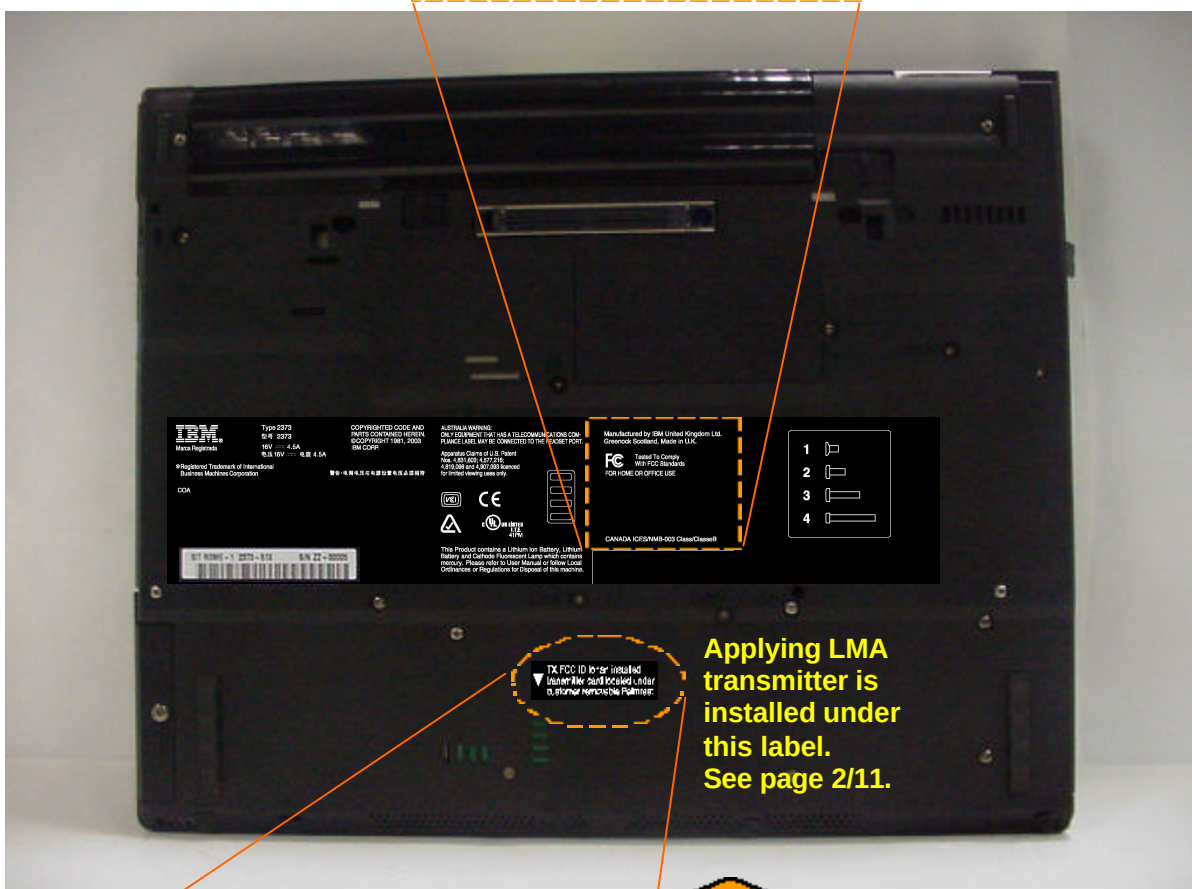
Manufactured by IBM United Kingdom Ltd.
Greenock Scotland, Made in U.K.



Tested To Comply
With FCC Standards

FOR HOME OR OFFICE USE

CANADA ICES/NMB-003 Class/Classe B



Applying LMA
transmitter is
installed under
this label.
See page 2/11.

Bottom view, Front

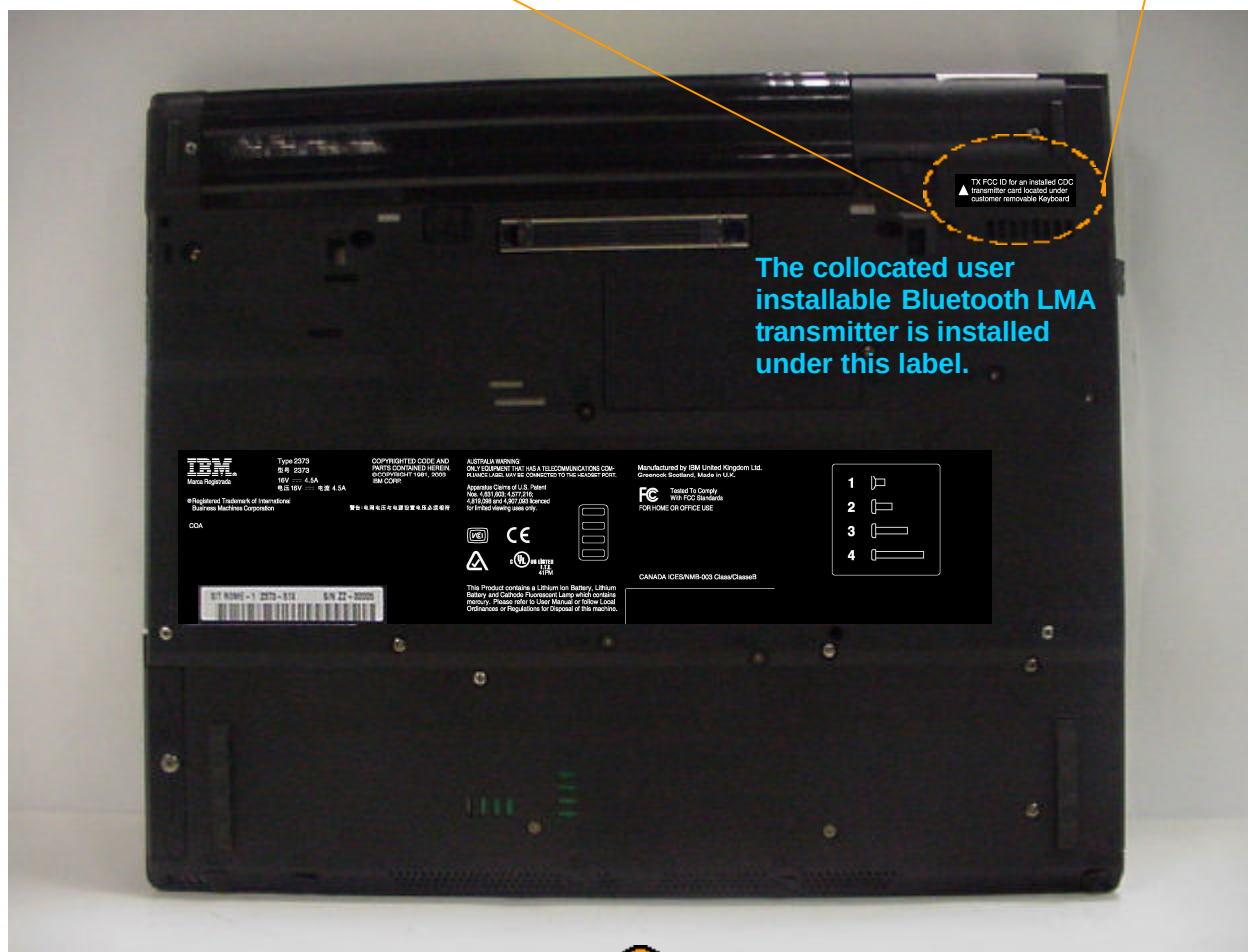
▼ TX FCC ID for an installed
transmitter card located under
customer removable Palmrest

Label for a different model of the host PC (ThinkPad T40 Series)

The model (T40) supports the applying transmitter and a built-in type Bluetooth LMA which is to be certified separately with FCC ID: ANO20020100MTN.



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



Bottom view, Front side

Antenna Information

1. Antenna Specification

Transmission Antenna assembly overview

Designator	Manufacture	Antenna type	Cable type and length	Gain (dBi) Note 1)
62P4204 Main antenna	Faxconn Electronics Inc. (R.O.C.)	Dual Band Inverted F type Antenna	Coax 745 mm	2400-2500MHz 0.99 dBi (peak)
62P4203 Auxiliary antenna	Faxconn Electronics Inc. (R.O.C.)	Dual-Band Coupled Floating Element Antenna	coax 860 mm	2400-2500MHz -0.48 dBi (peak)

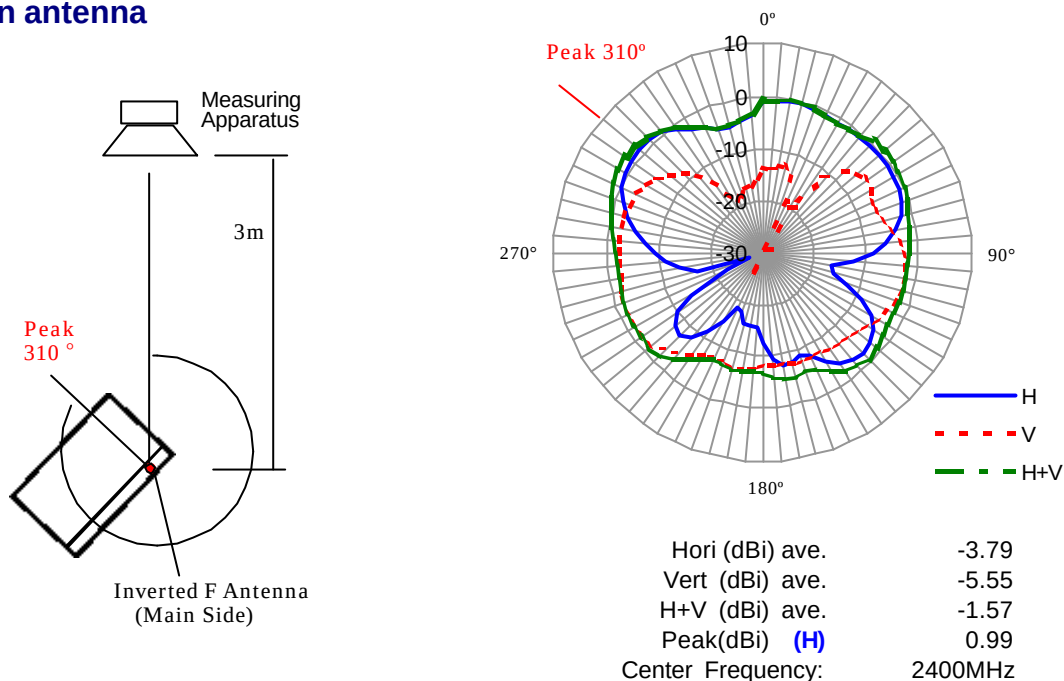
Notes:

1a. Includes all cable losses.

1b. Antenna type should be Omni Directional and have gain of 2.0 dBi or less for IEEE802.11b(2.4GHz band), regarding the IBM internal specification.

2. Radiation characteristic of antennas

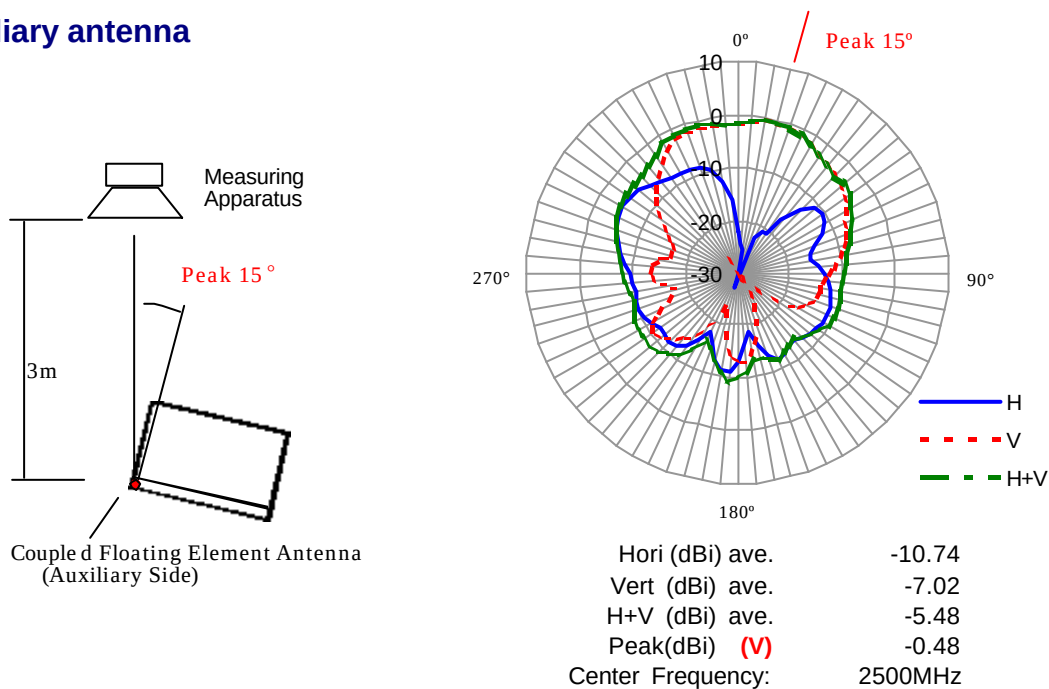
Main antenna



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

Note2) The maximum antenna gain was found around **310 degree** angle from measuring apparatus in **horizontal** polarization at the low frequency (2400MHz).

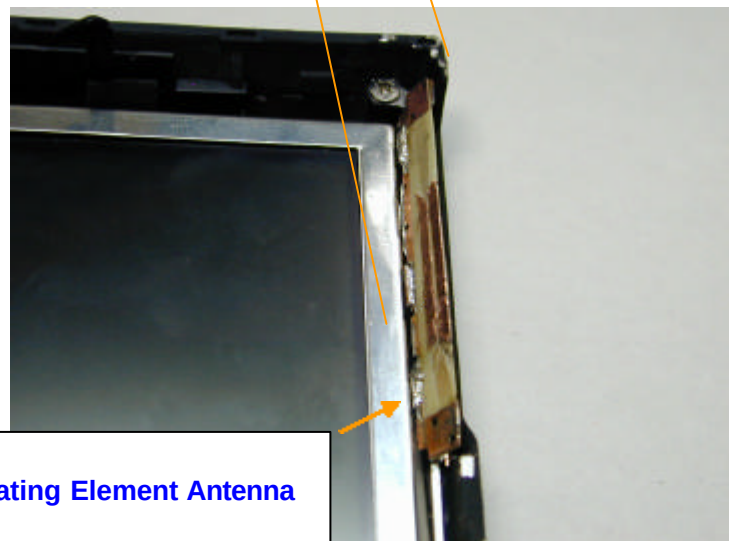
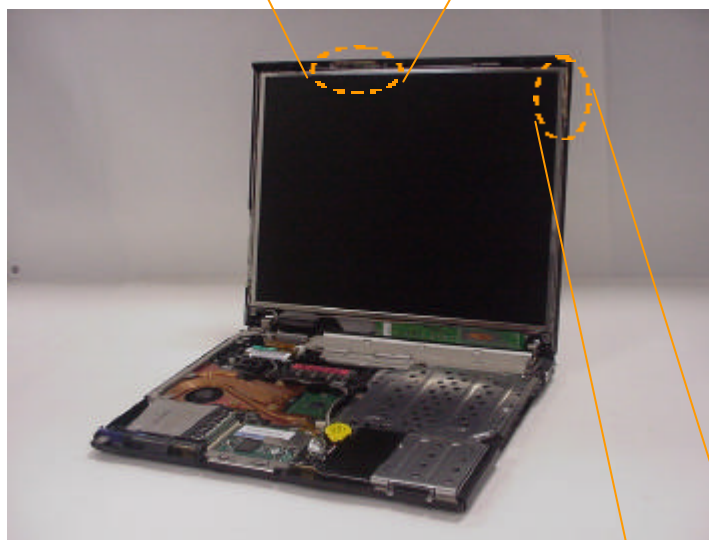
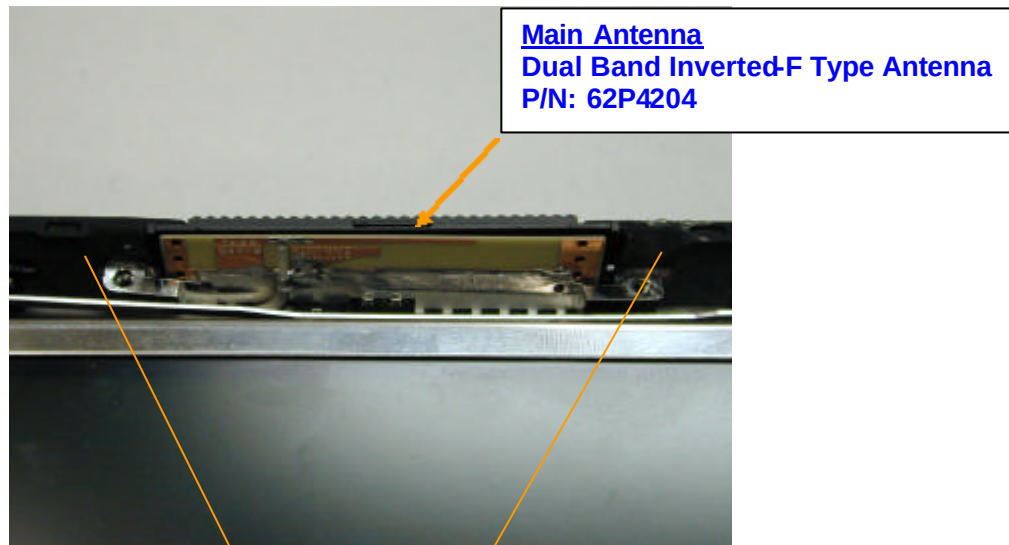
Auxiliary antenna



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

Note2) The maximum antenna gain was found around **15 degree** angle from measuring apparatus in **vertical** polarization at the high frequency (2500MHz).

3. Antenna Locations



4. Exterior Photos of Antennas

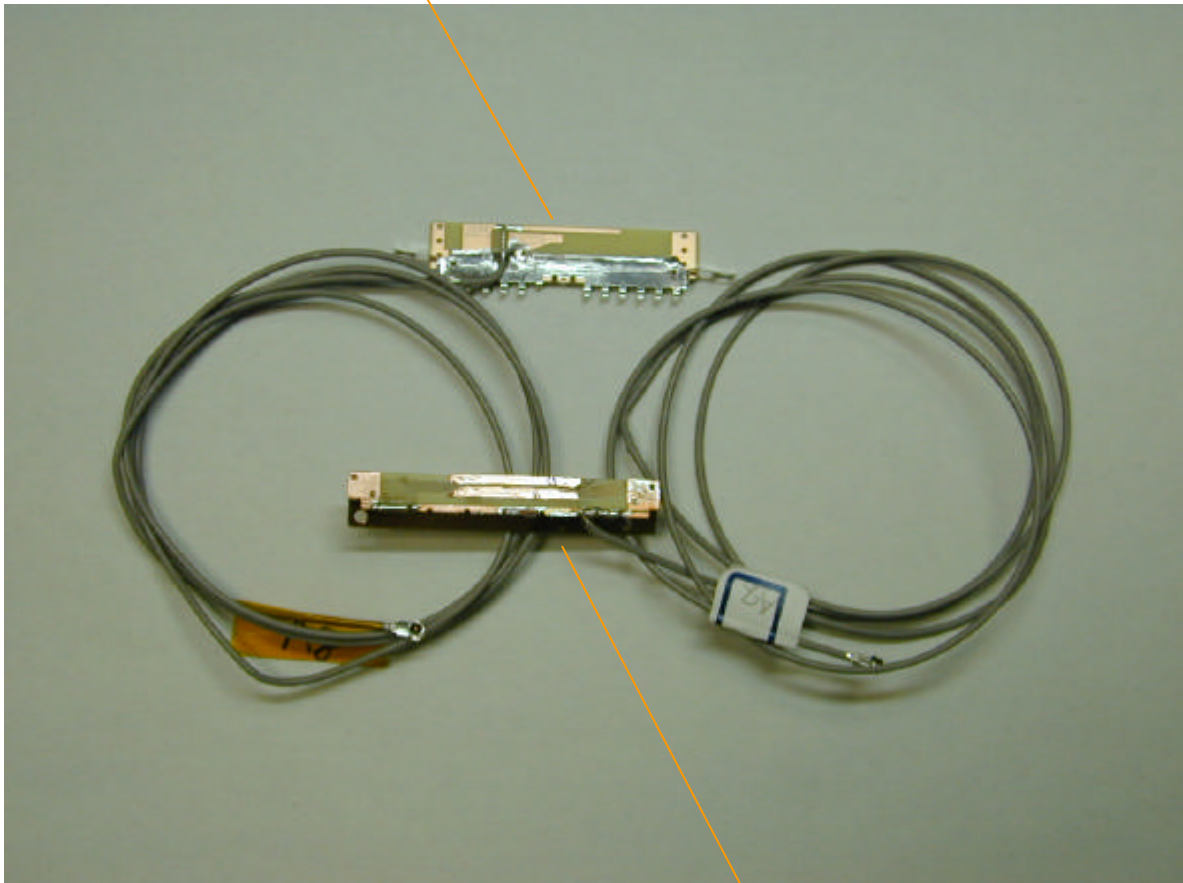
Main Antenna

Manufacturer: Faxconn Electronics Inc.

Parts Number: 62P4204

Dual Band Inverted-F type antenna

Cable: coax 740mm



Auxiliary Antenna

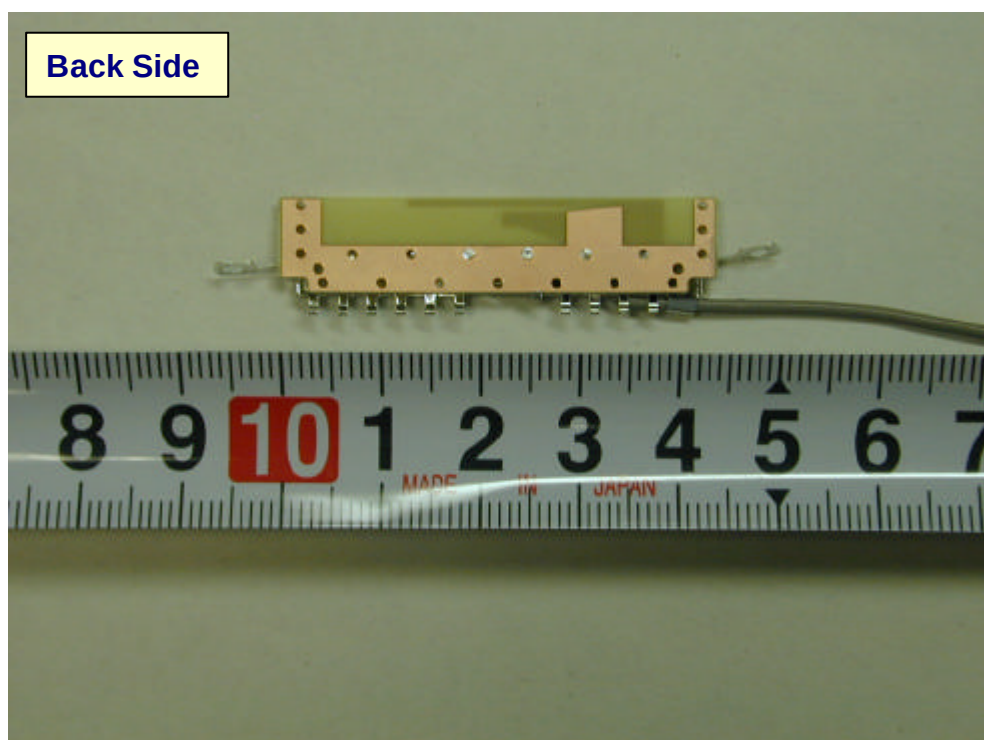
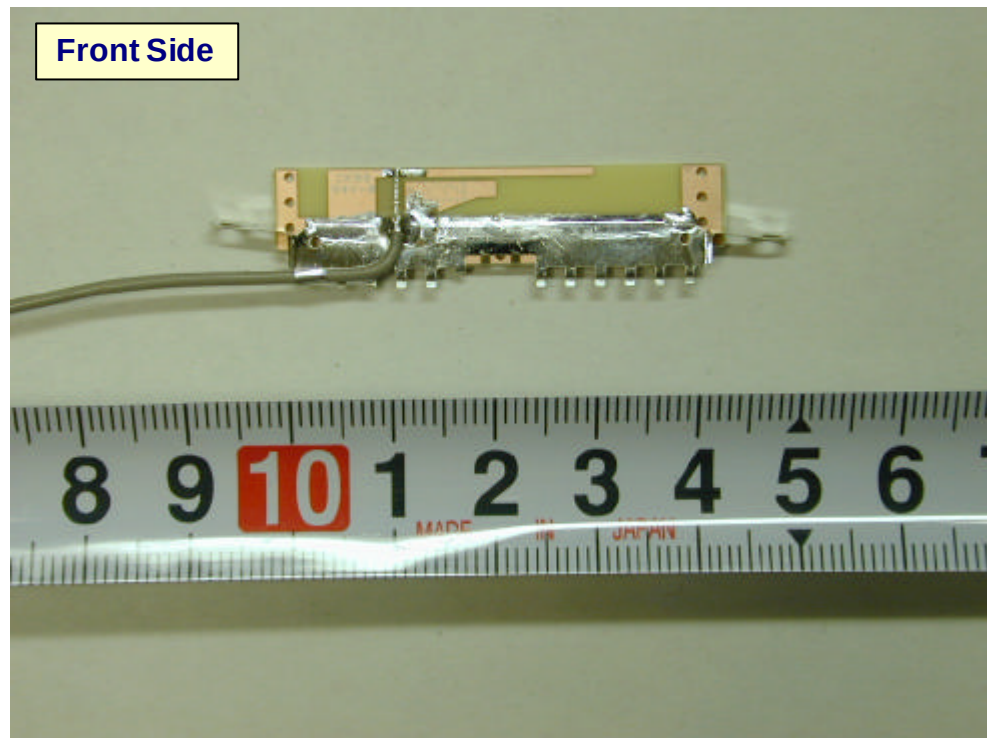
Manufacturer: Faxconn Electronics Inc.

Parts Number: 62P4203

Dual-Band Coupled Floating Element Antenna

Cable : coax 860mm

Main Antenna



Auxiliary Antenna

