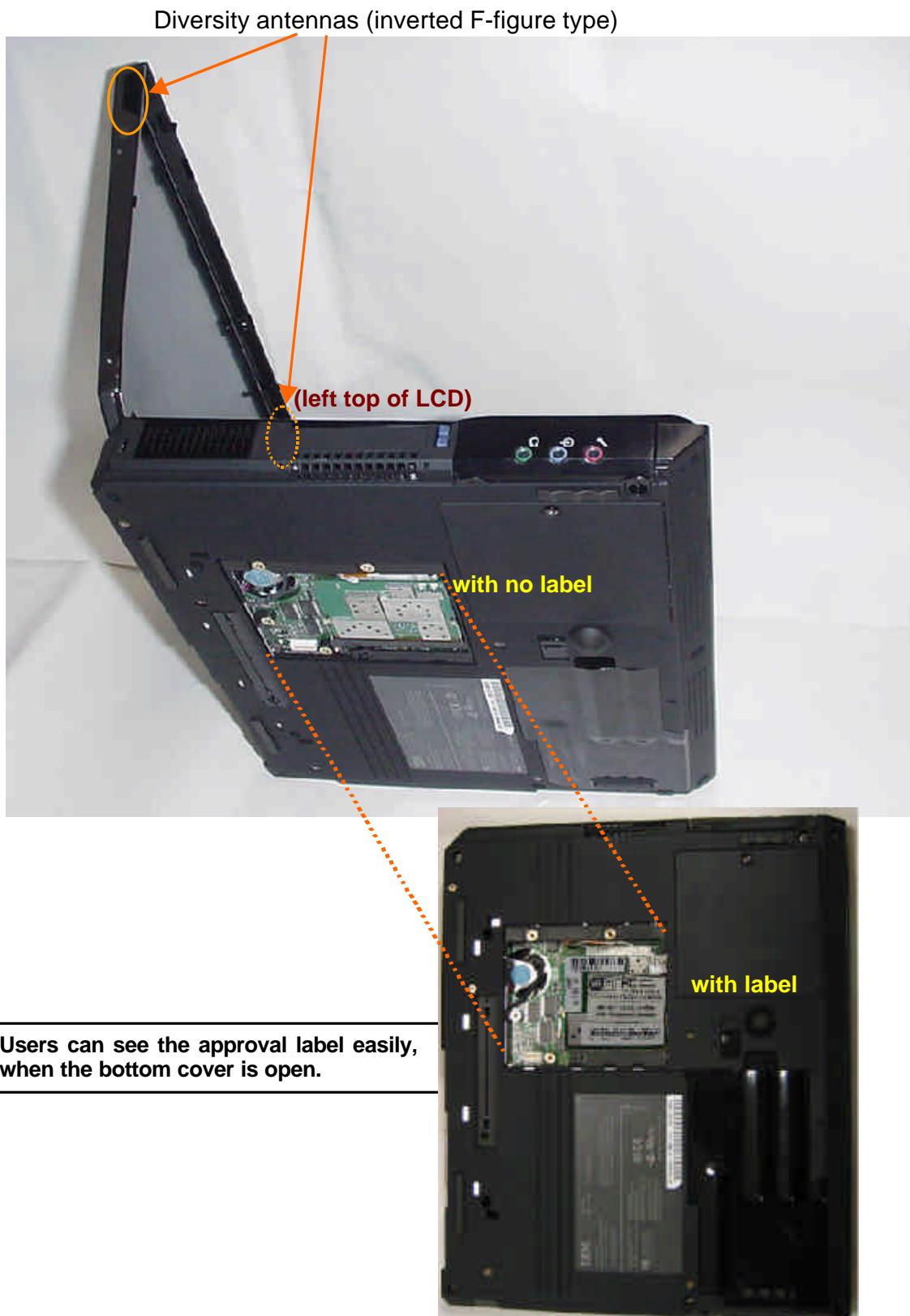


Host Unit Information of ThinkPad T30 Series

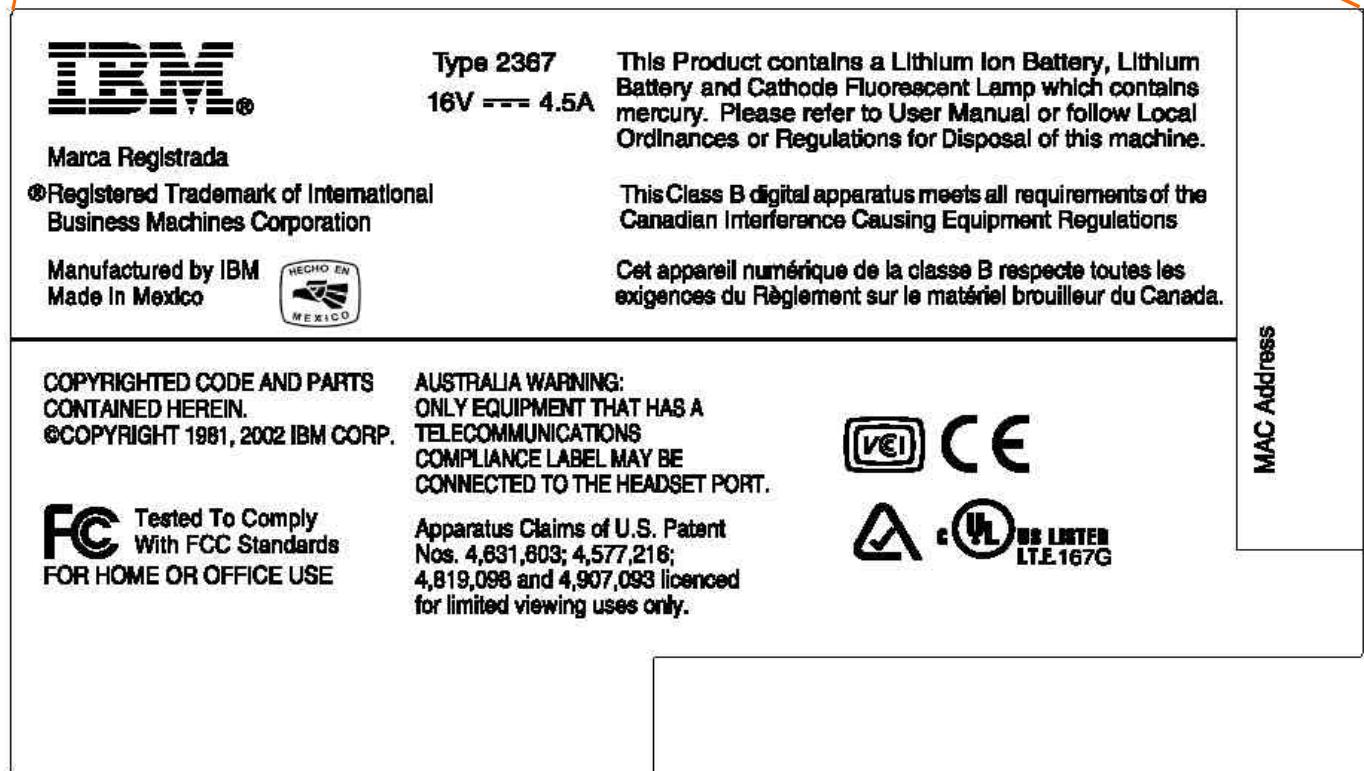
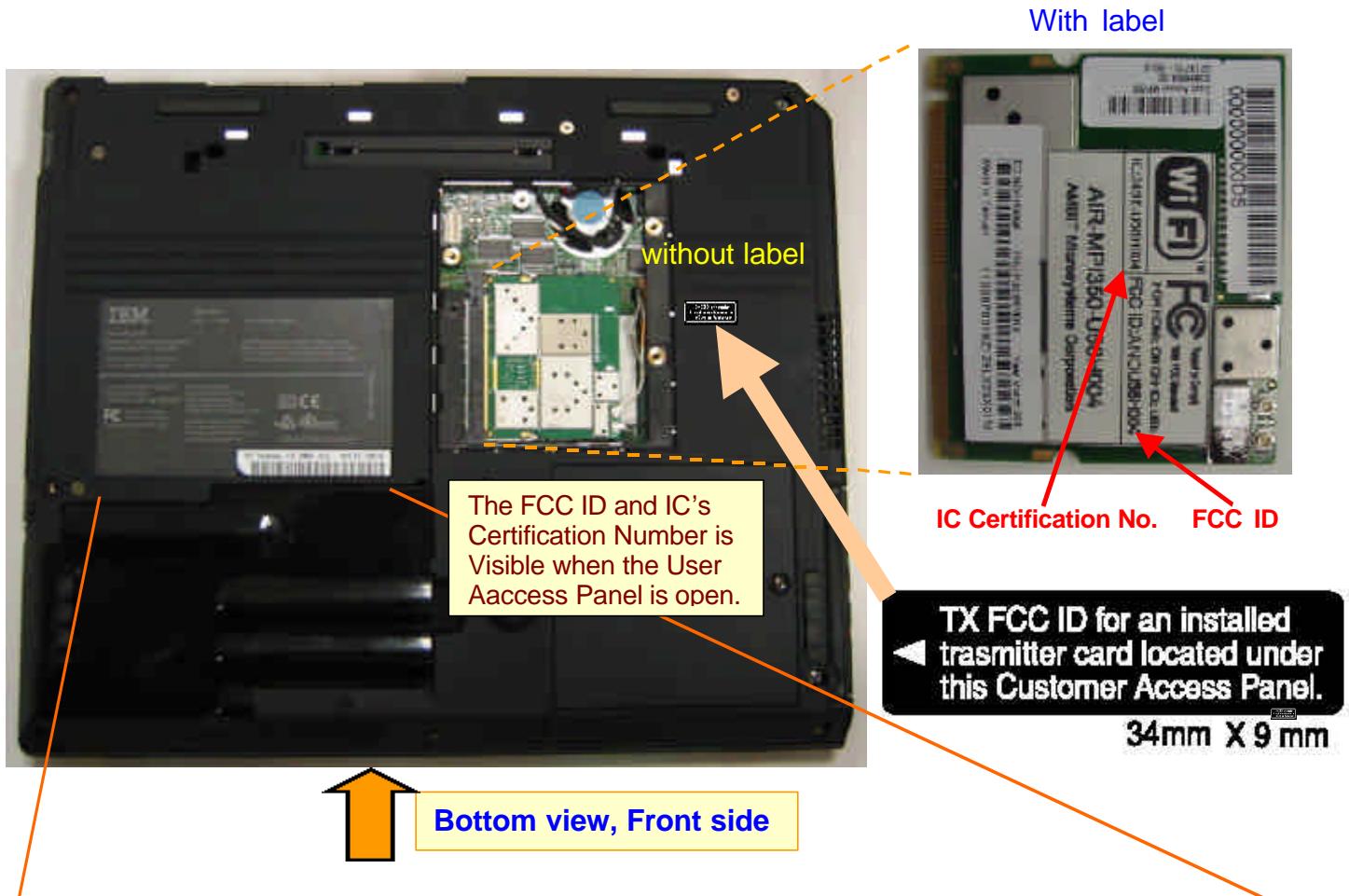
- **Host PC Information**
- **Host PC Labeling**
- **Antenna Information**

Host PC Information

Two inverted F-figure type antennas are integrated in the both sides of LCD. Those diversity antennas are not used simultaneously for the RF transmission. One of the antennas is selected automatically or manually to have a good quality of Radiocommunication. The selected antenna performs transmission or receiving in half duplex alternatively.



Host PC Labeling



Antenna Information

1. Antenna Specification

Transmission Antenna assembly overview

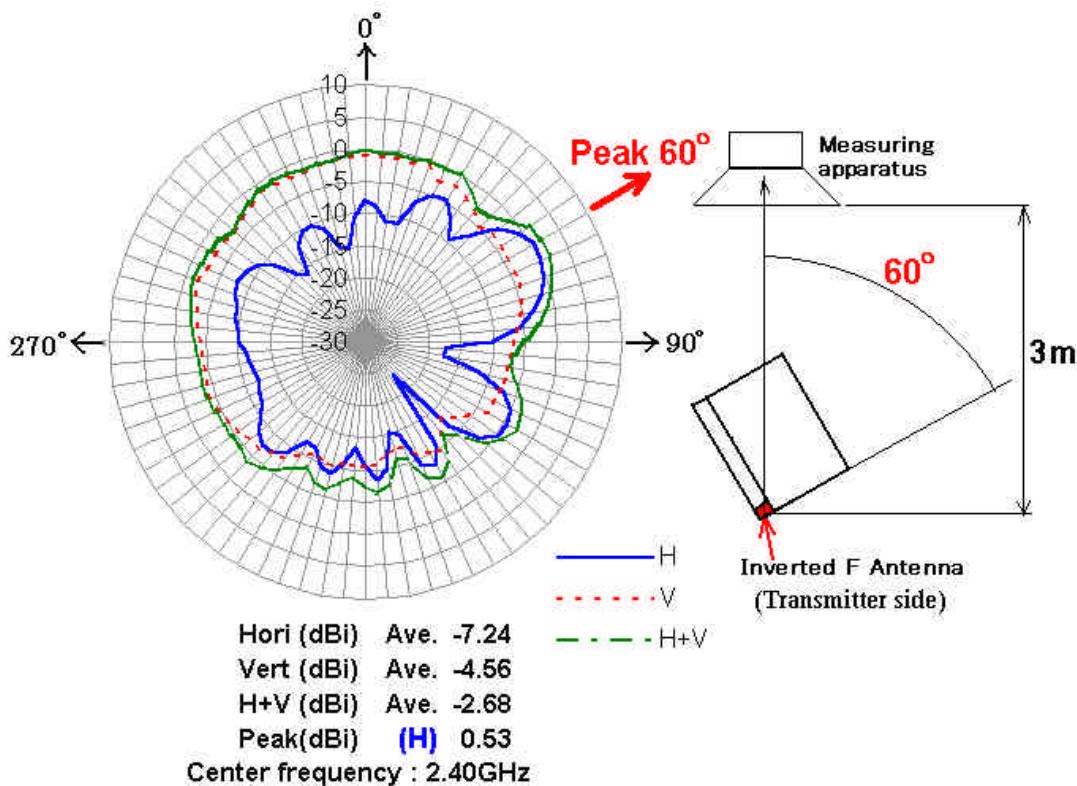
Designator (Parts Number)	Manufacture	Antenna type	Cable type and length	Gain (dBi) Note 1)
LCD left antenna 46L4819	IBM Japan Ltd.	Inverted F type Antenna	coax 560mm	0.53 dBi (peak)
LCD right antenna 46L4818			coax 800mm	-0.80 dBi (peak)

Notes:

- 1a. Includes all cable losses
- 1b. Antenna type should be Omni Directional and have gain of 3.0 dBi or less regarding the IBM internal specification.

2. Radiation characteristic of antenna

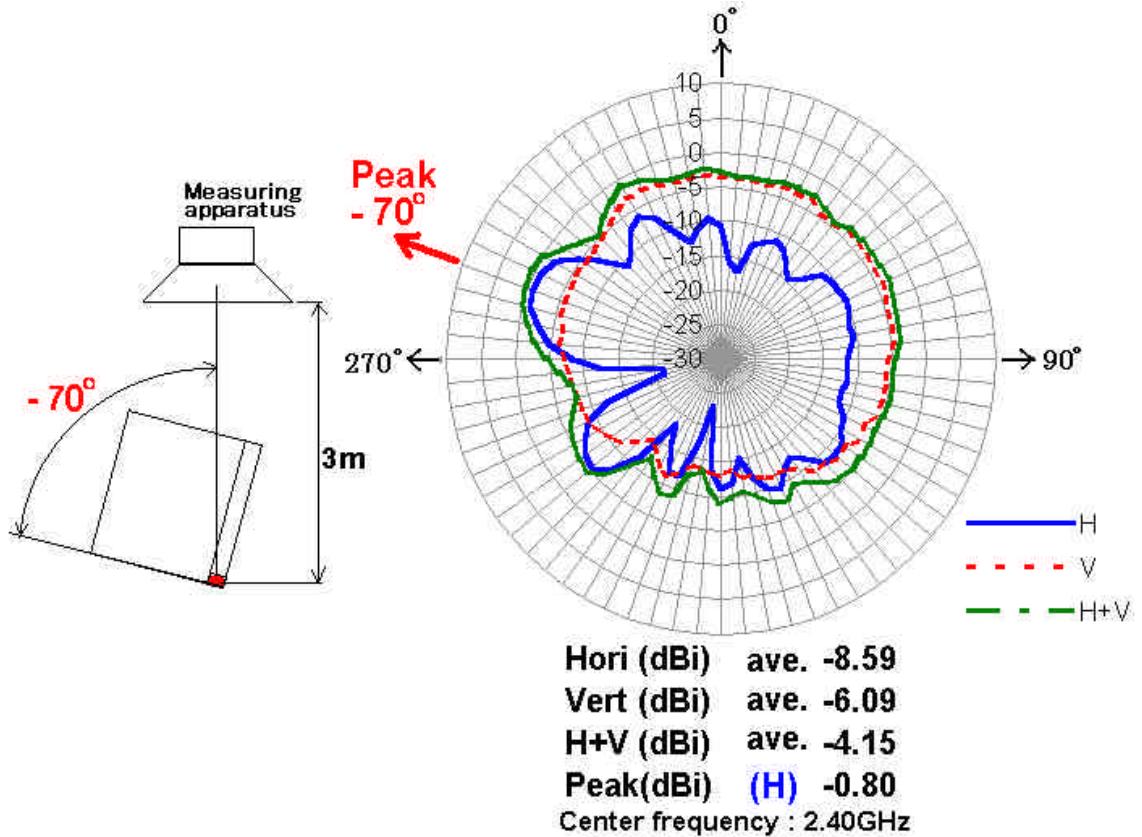
The left antenna



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

Note2) The maximum antenna gain was found around **60 degree** angle from measuring apparatus in **horizontal** polarization at the lowest frequency(2.40GHz).

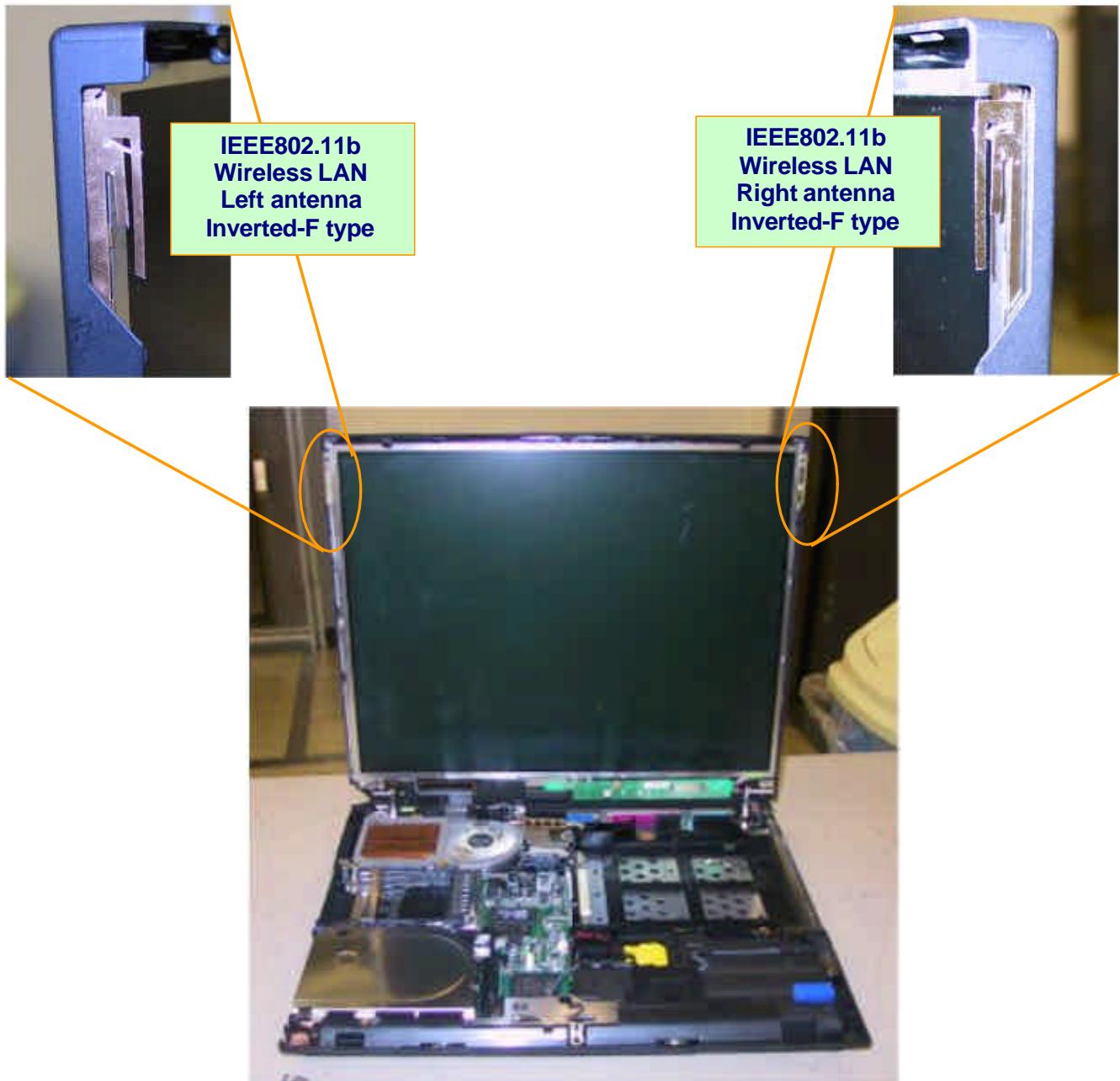
The right antenna



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

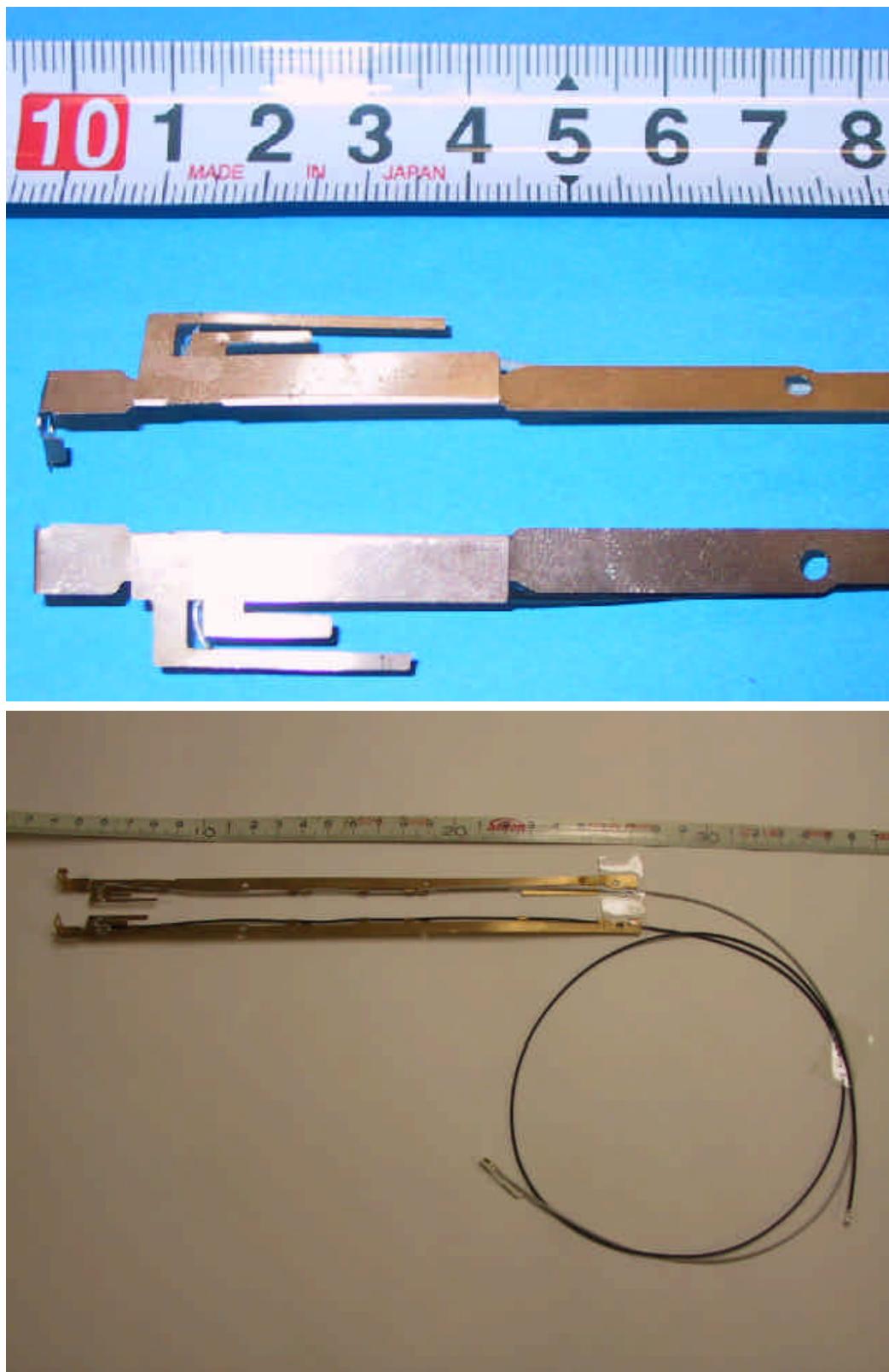
Note2) The maximum antenna gain was found around **-70 degree** angle from measuring apparatus in **horizontal** polarization at the lowest frequency(2.40GHz).

3. Antenna Locations



4. Exterior Photo of Antennas

(Inverted F type Antenna and Cable)



Left antenna : IBM P/N: 46L4819 Cable : coax 560 mm
Right antenna : IBM P/N: 46L4818 Cable : coax 800 mm