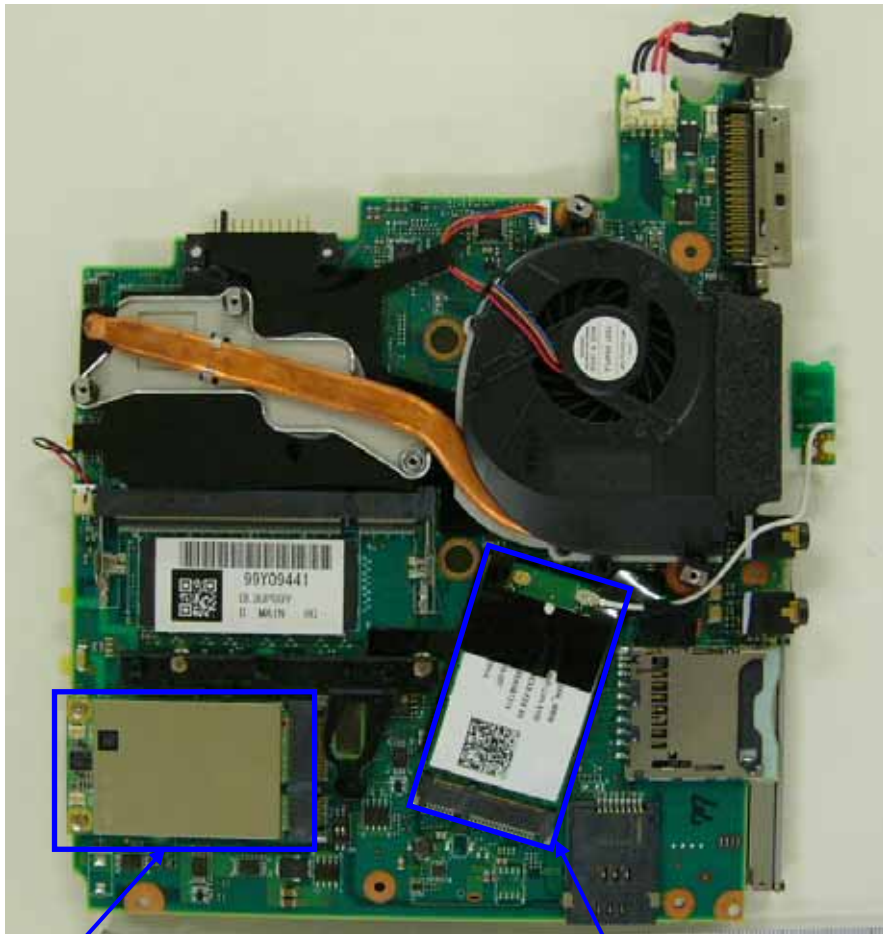
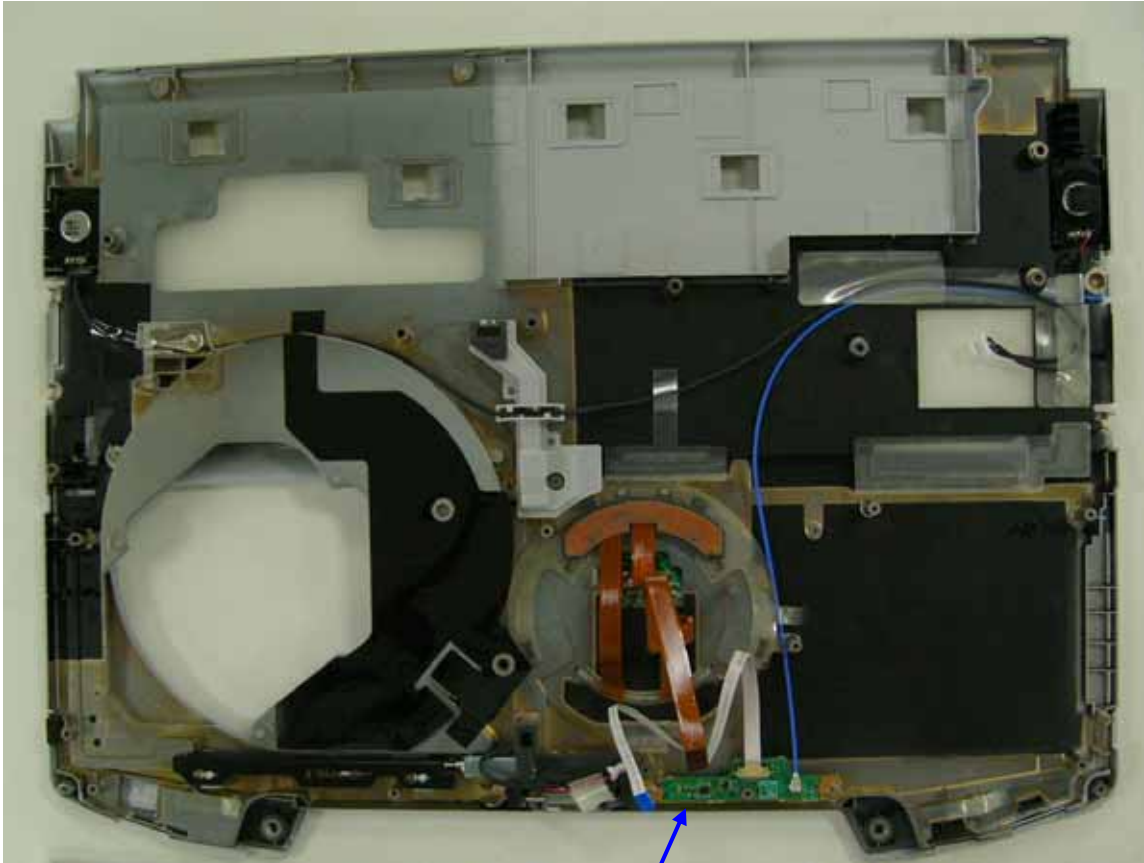


## 2. Module Position



WWAN Module

WLAN Module



Bluetooth Module

### 3. Module Photo

#### 1) WLAN



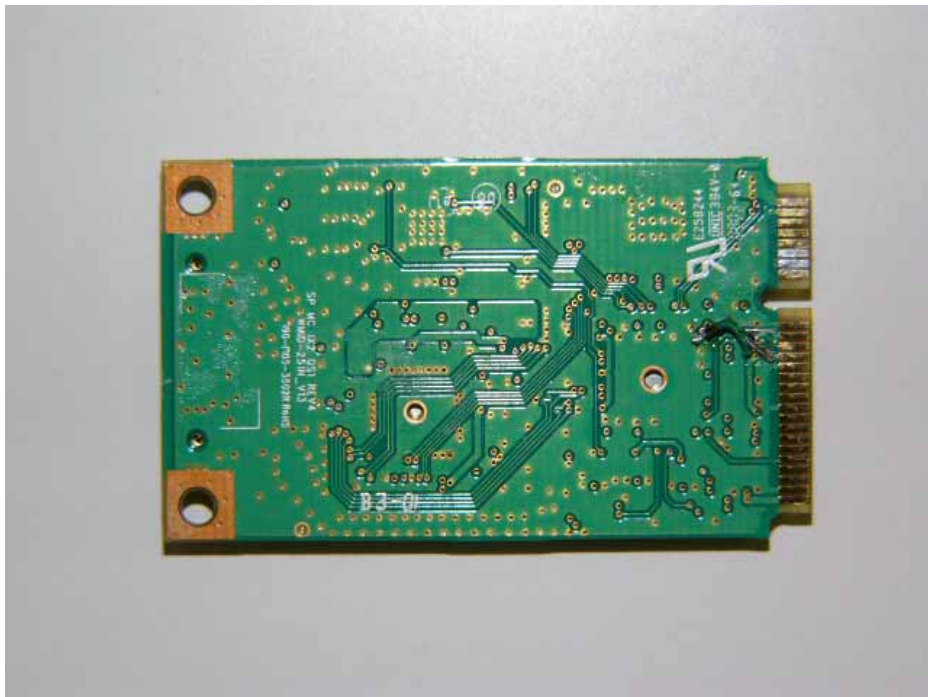
WLAN Exterior Top View



WLAN Exterior Bottom View

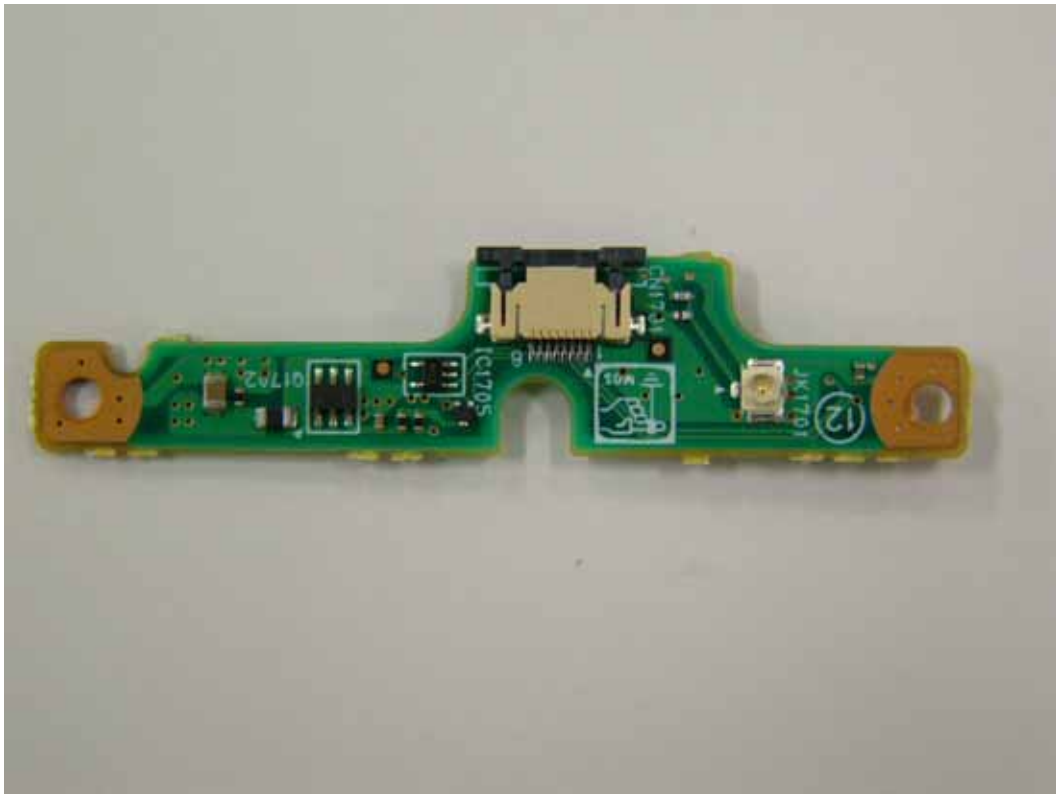


WLAN inside Top View



WLAN inside Bottom View

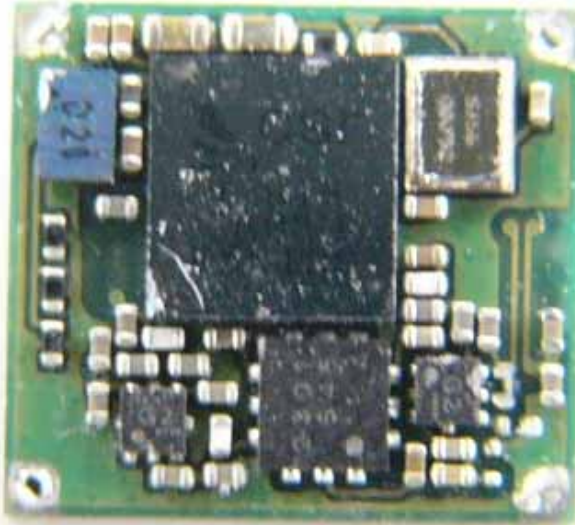
2) Bluetooth



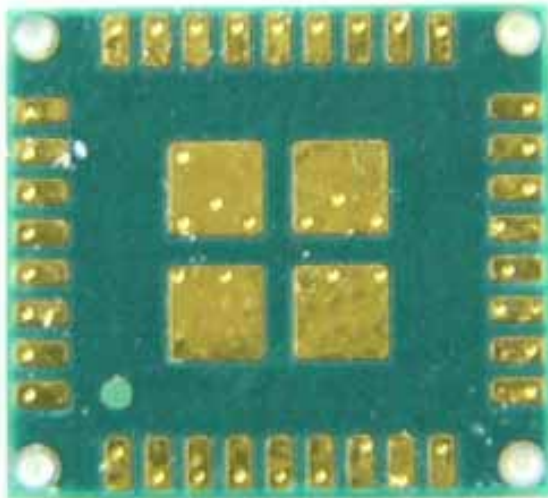
Bluetooth Card Top View



Bluetooth Card Bottom View



Bluetooth Module inside Top View



Bluetooth Module inside Bottom View

### 3) WWAN (UNDP-1) Photo



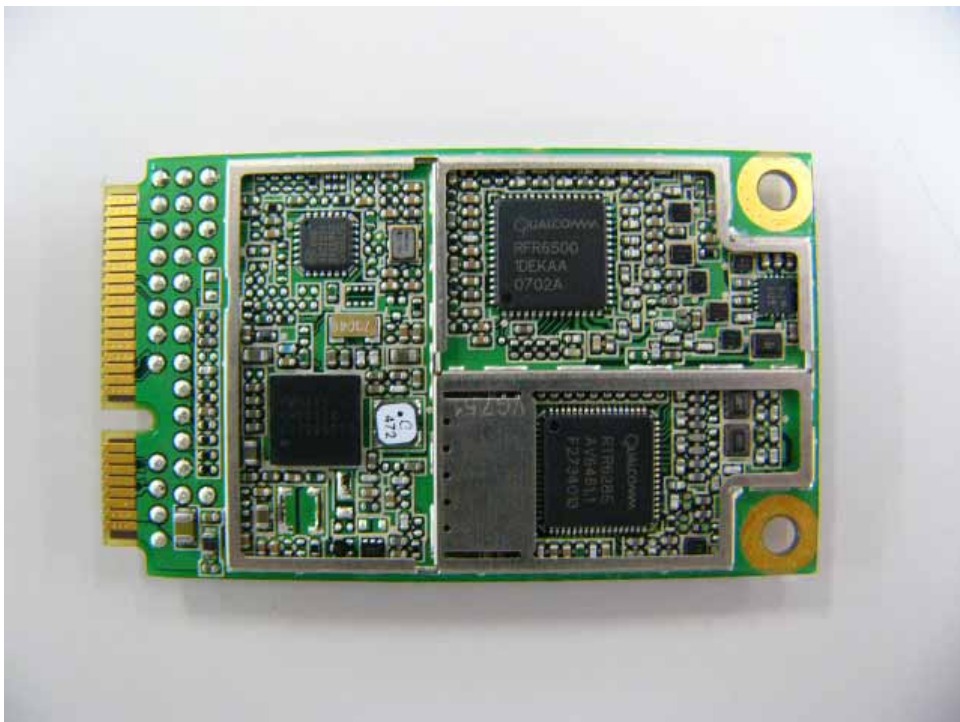
WWAN Module Top View



WWAN Module Top View



WWAN Module Interior Top View



WWAN Module Interior Bottom View



WLAN Aux RX Antenna

WLAN main TX/RX Antenna



WLAN Main TX/RX Antenna



WLAN AUX RX Antenna



Bluetooth TX/RX Antenna



WWAN MAIN TX/RX Antenna



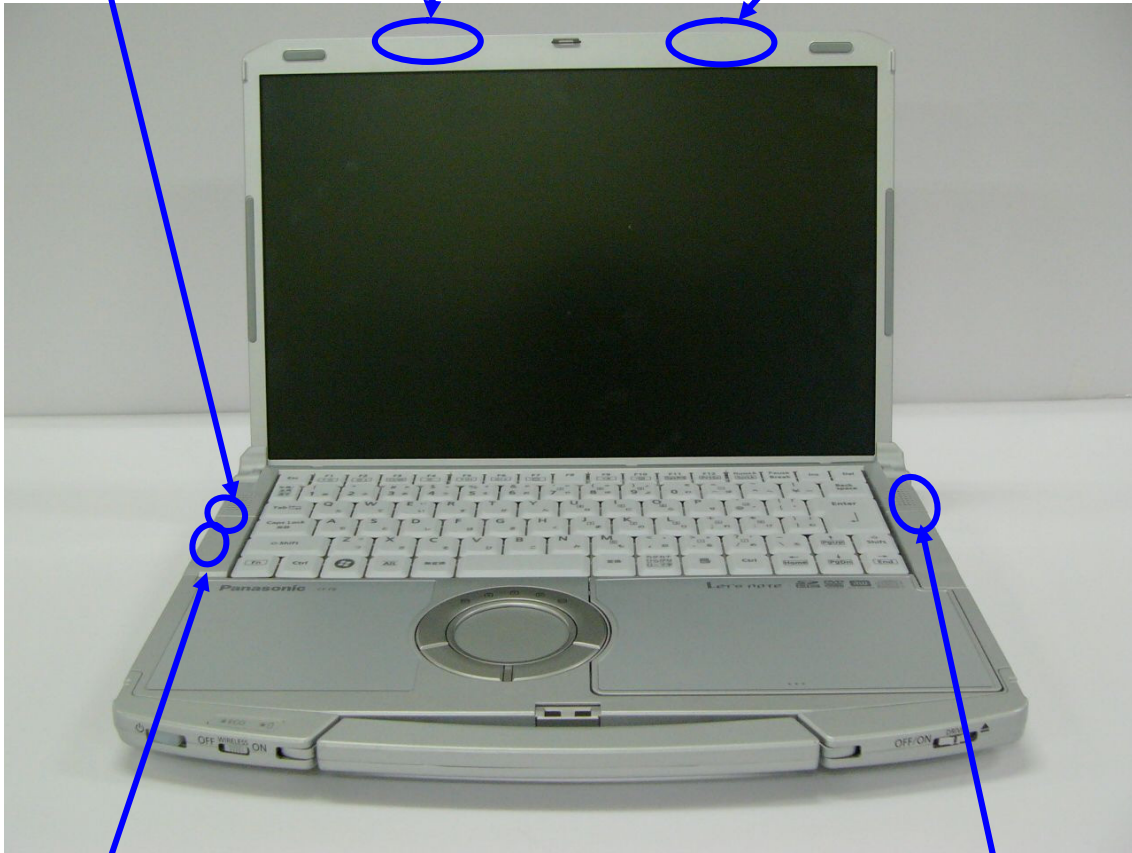
WWAN AUX RX Antenna

## 5. Antenna Specification

WLAN Main TX/RX Antenna:	Inverted-F type: 1.19dBi max (2.4GHz) 0.8dBi max (5.2GHz) 1.96dBi max (5.7GHz)
WLAN Aux RX Antenna:	Inverted-F type: RX Only
Bluetooth TX/RX Antenna:	Inverted-F type: -1.19dBi max
WWAN main TX/RX Antenna:	Inverted-F type: -1.02dBi max (850MHz) -0.11dBi max (1900MHz)
WWAN Aux RX Antenna:	Inverted-F type: RX Only

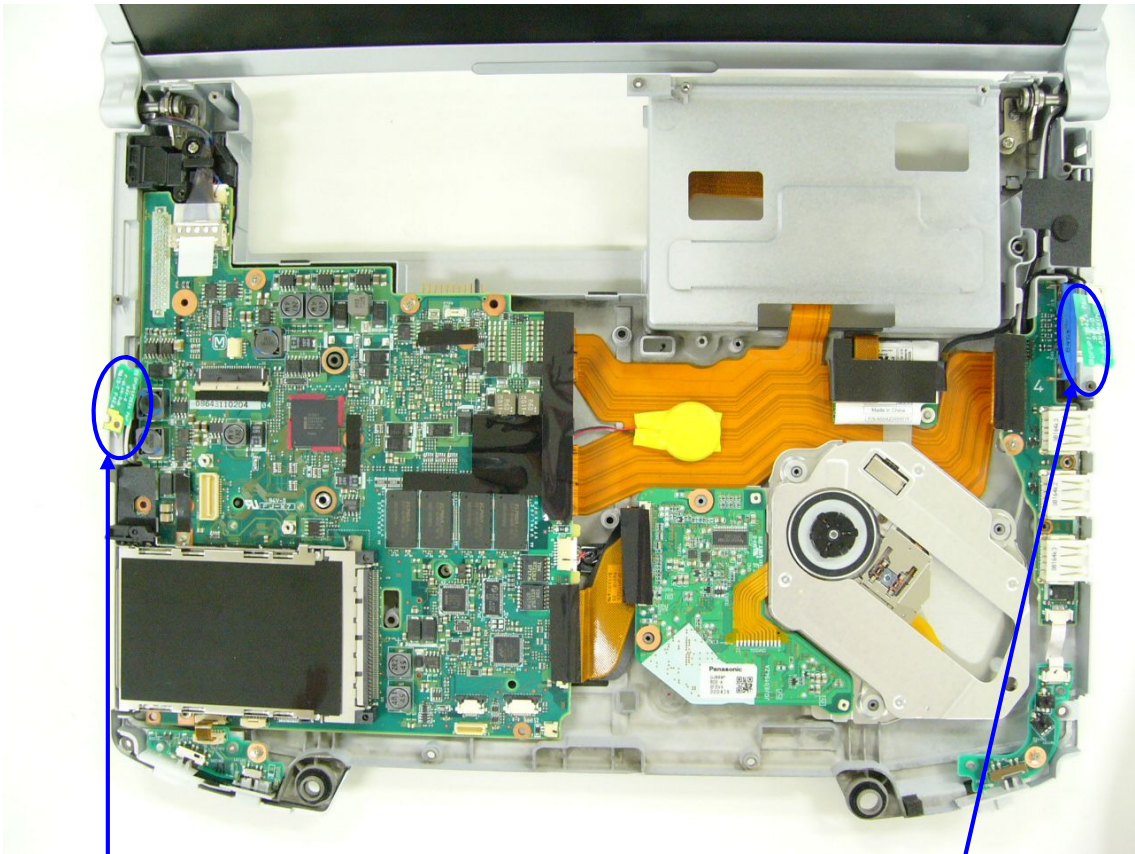
#### 4. Antenna Position

Bluetooth TX/RX Antenna      WWAN Aux RX Antenna      WWAN main TX/RX Antenna



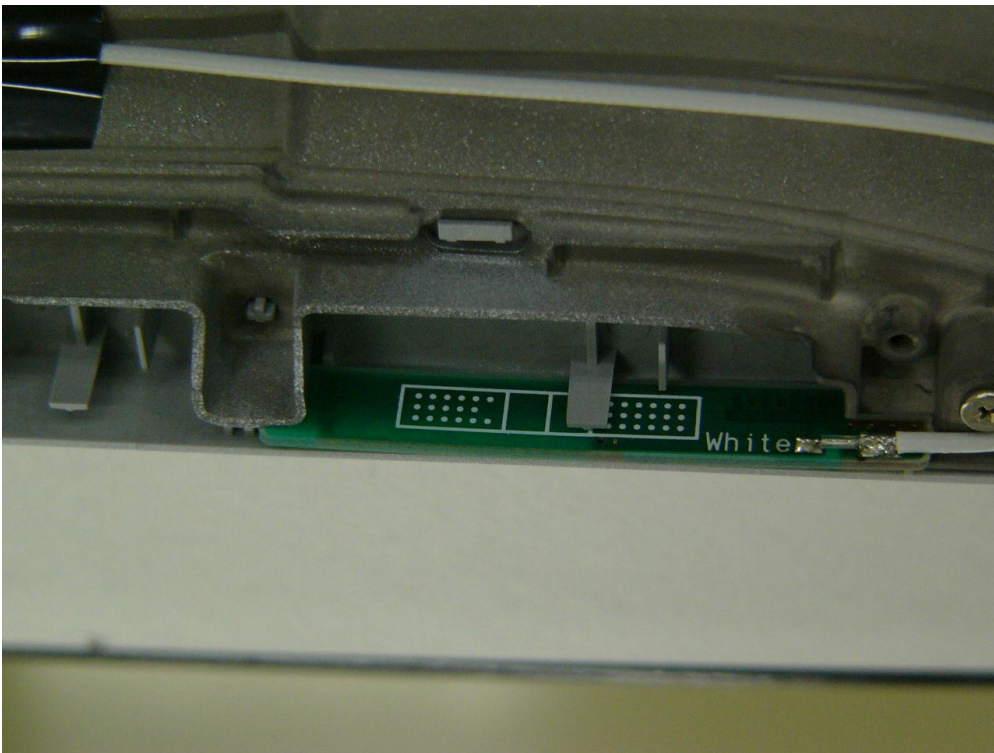
WLAN Aux RX Antenna

WLAN main TX/RX Antenna

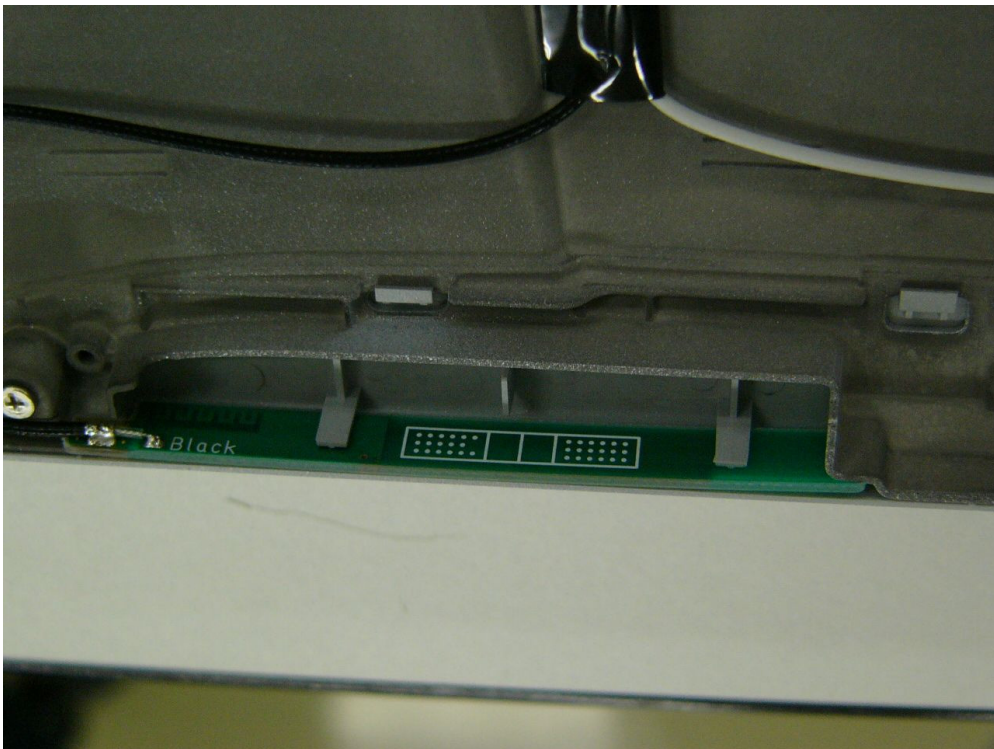


WLAN Aux RX Antenna

WLAN main TX/RX Antenna



WWAN MAIN TX/RX Antenna



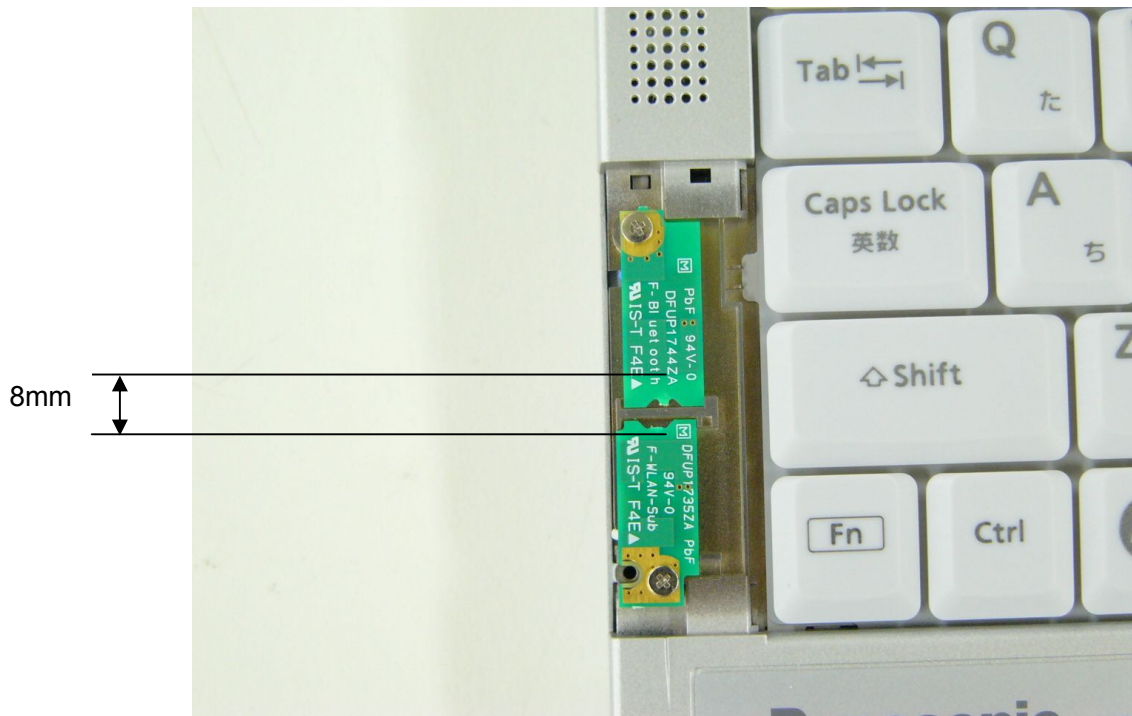
WWAN AUX RX Antenna

# Distance between antennas pattern

## 1) WLAN Main-Bluetooth

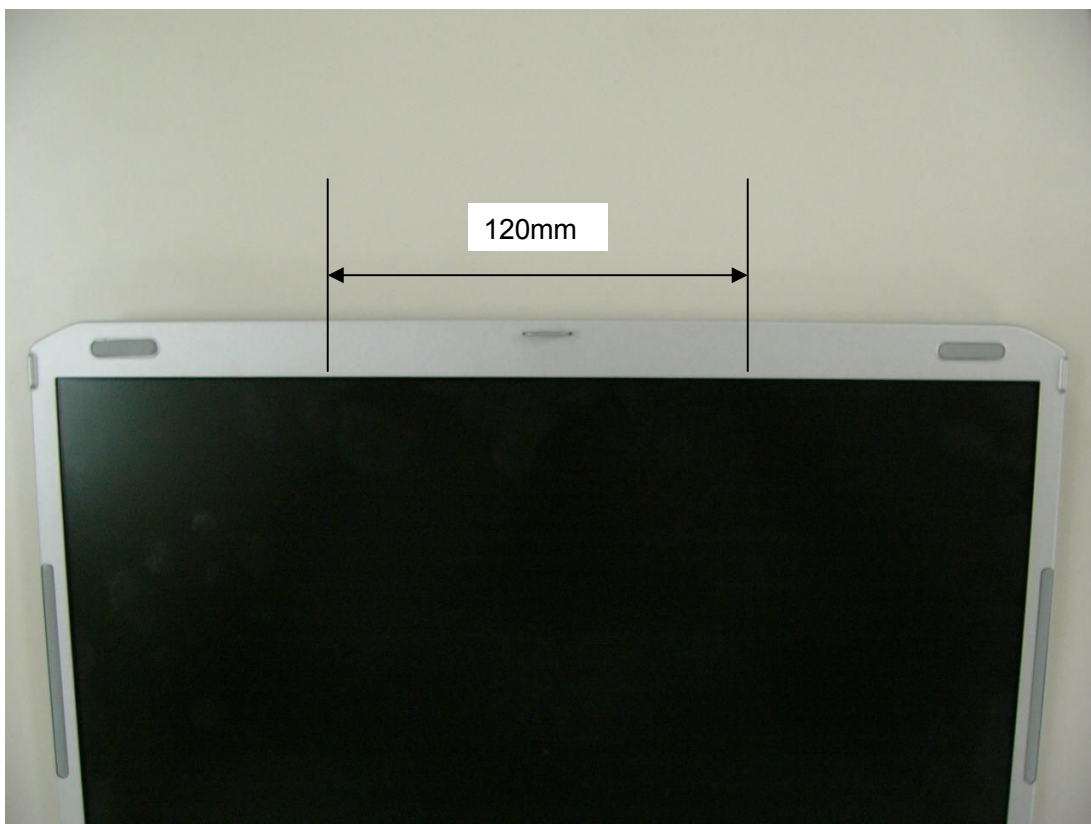


## 2) WLAN Aux-Bluetooth



WLAN Aux RX Antenna

## 3) WWAN main-WWAN Aux

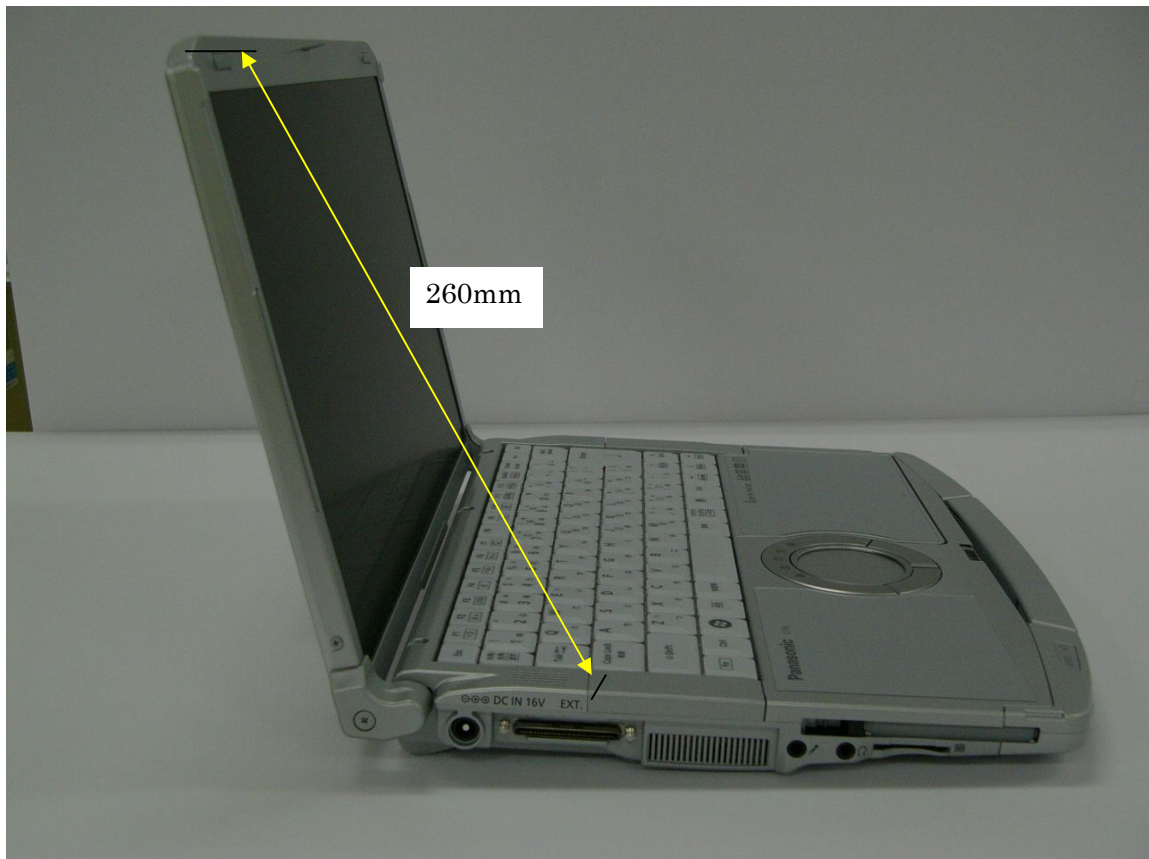


WWAN Aux RX Antenna

4) WWAN main-WLAN main



5) WWAN Aux-Bluetooth



WWAN Aux RX Antenna

6) WWAN main-Bluetooth

