

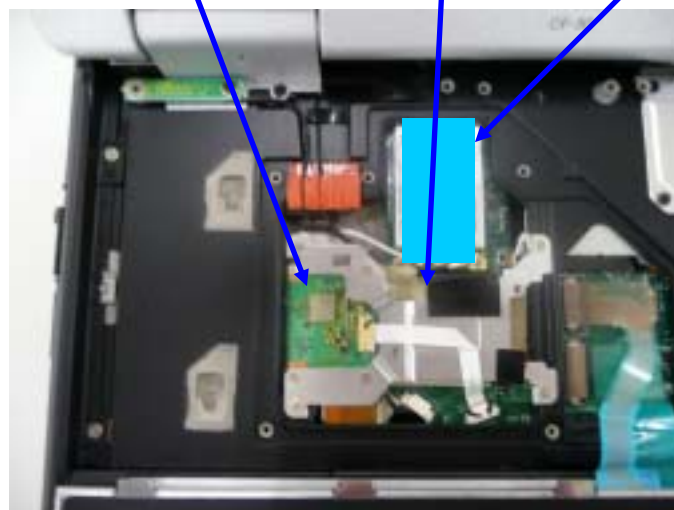
2. Module Position

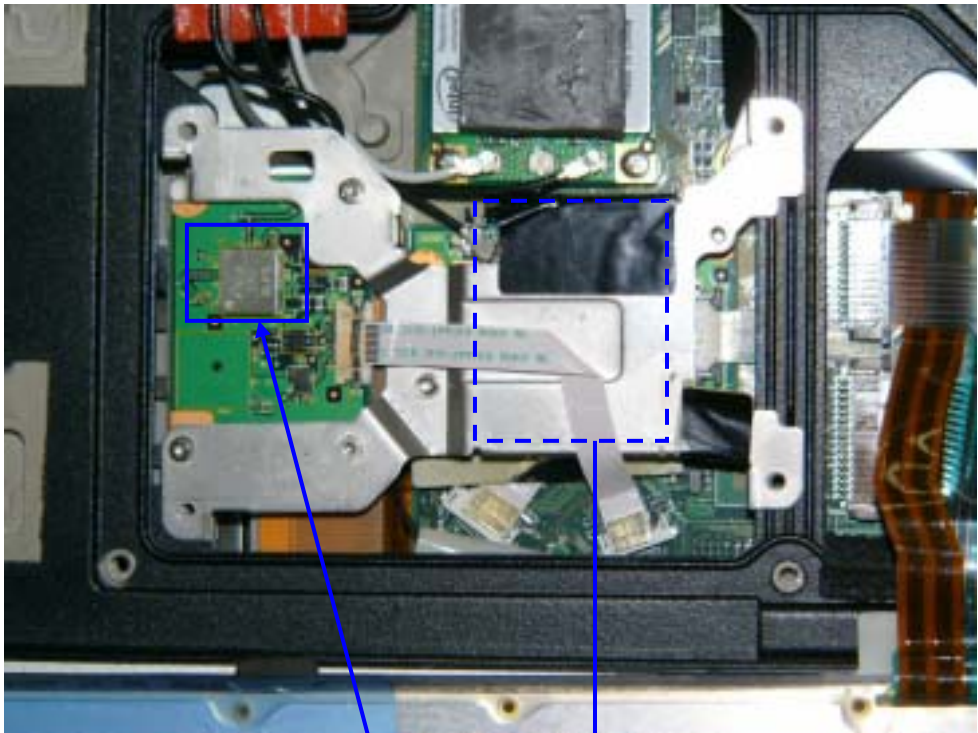


Bluetooth Module

GPS Module

WLAN Module





Reverse Side

Bluetooth Module



GPS Module



EVDO rev.A Module Pack Slide Position



EVD rev.A Module Pack

3. Module Photo

1) WLAN (512AN_MMW)



WLAN Top View



WLAN Bottom View

WLAN interior photo

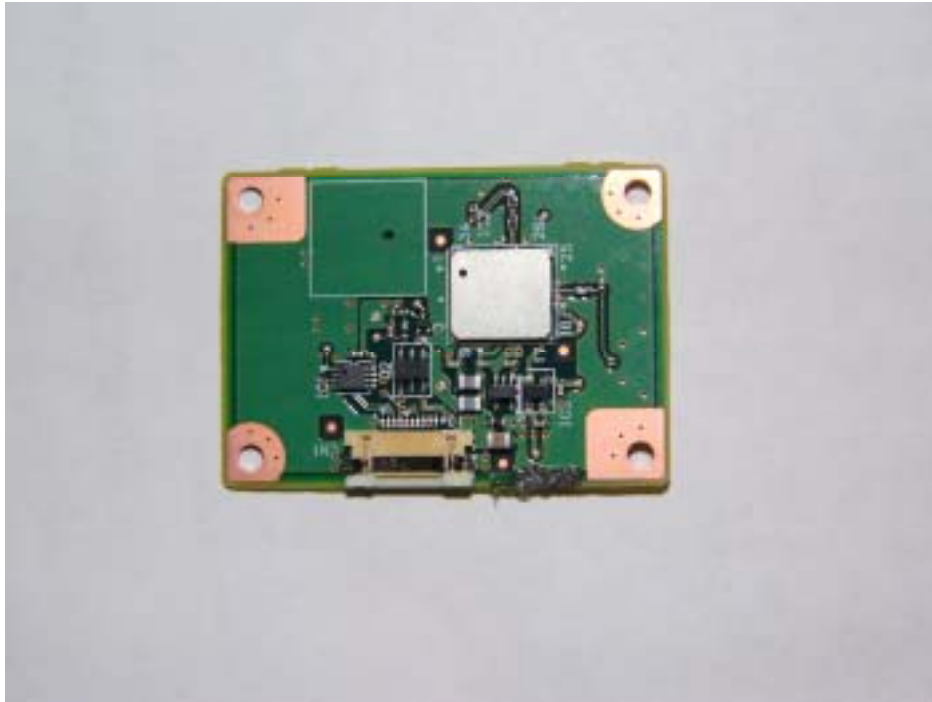


WLAN inside Top View



WLAN inside Bottom View

2) Bluetooth (UGNZA)



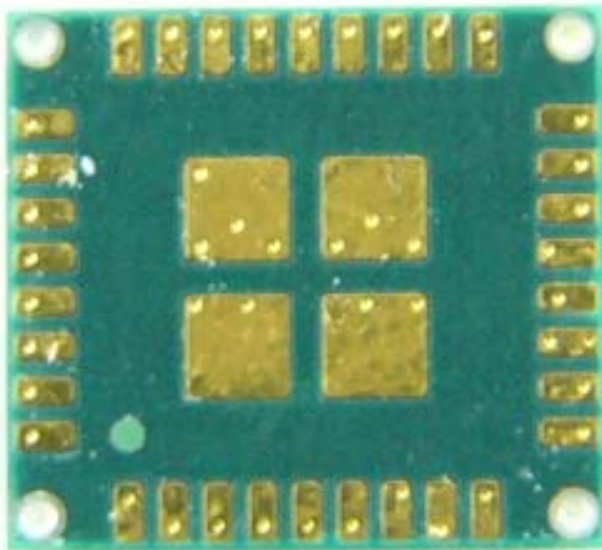
Bluetooth Card Top View



Bluetooth Card Bottom View



Bluetooth Module inside Top View



Bluetooth Module inside Bottom View

3) WWAN (EVDO rev.A) Photo



EVDO rev.A Module Top View



EVDO rev.A module Bottom View



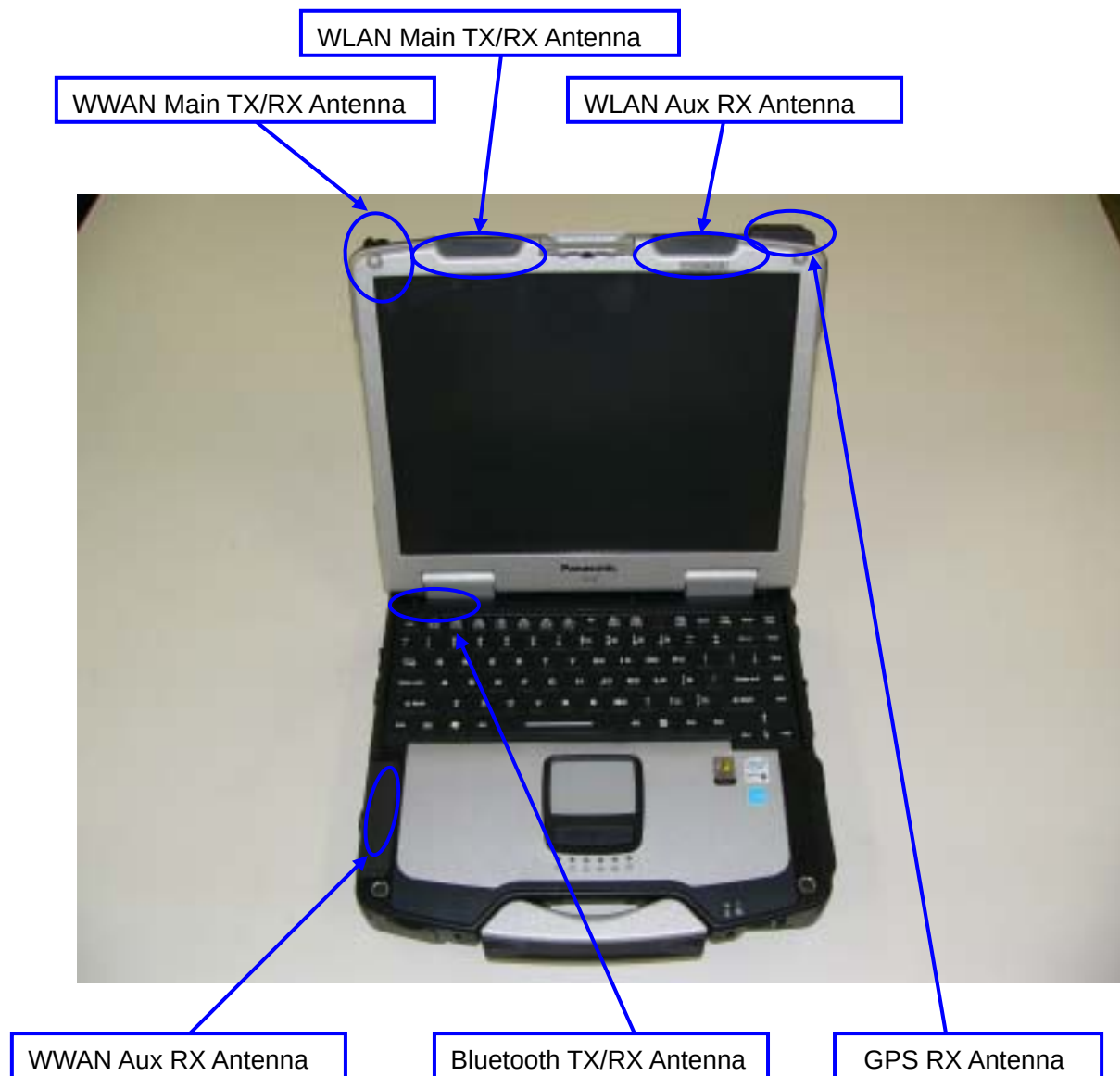
EVDO rev.A Module Interior Top View



EVDO rev.A Module Interior Bottom View

4. Antenna Position and Antenna photo

< Standard model : no WLAN pass through connector >

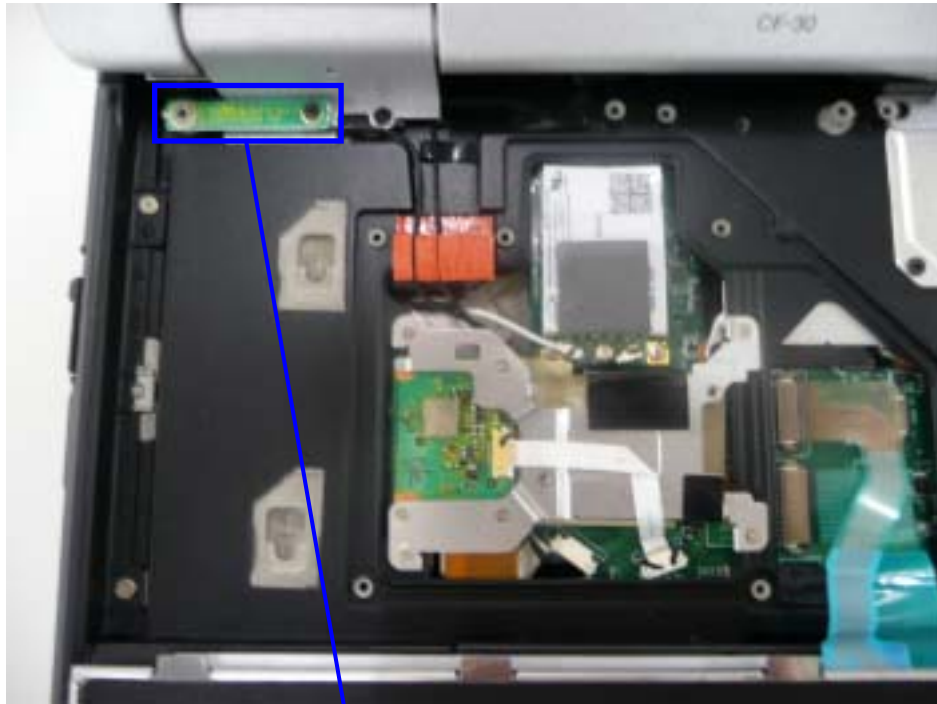




WLAN Main TX/RX Antenna



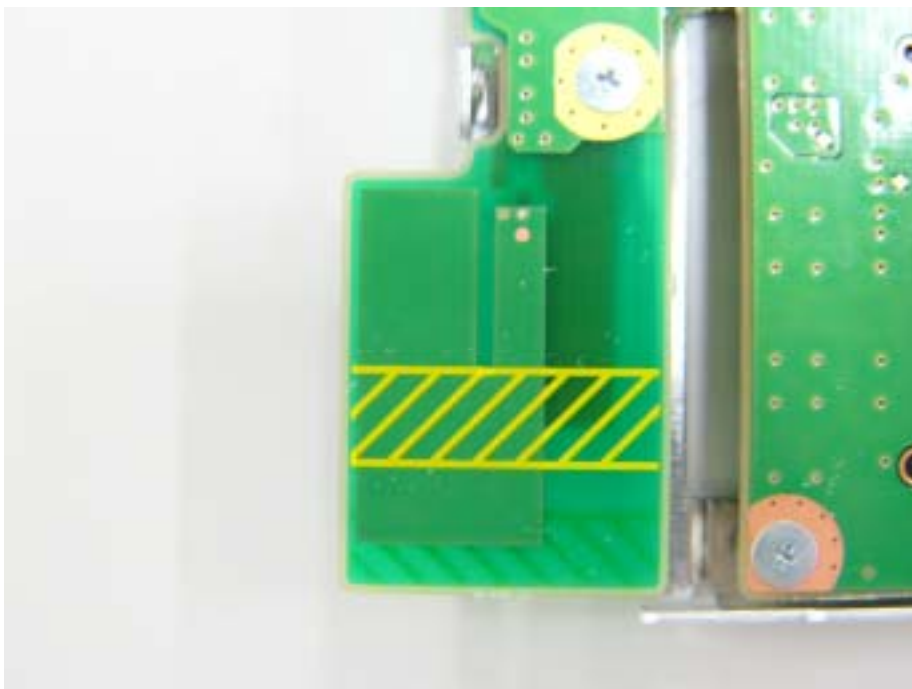
WLAN Aux RX Antenna



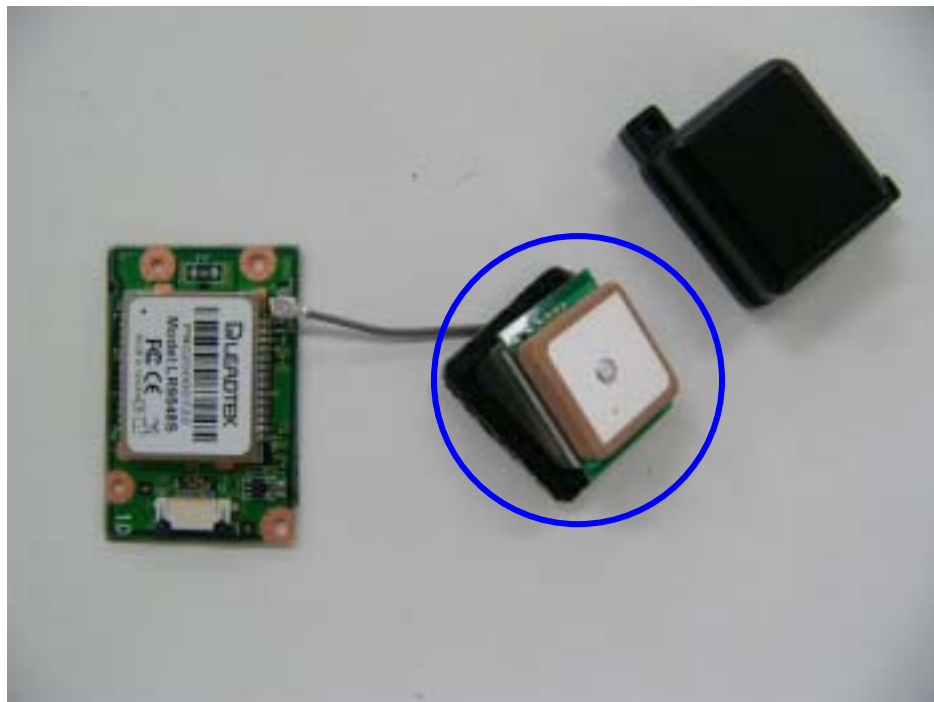
Bluetooth TX/RX Antenna



WWAN Main TX/RX Antenna



WWAN Aux RX Antenna



GPS RX Antenna

5. Antenna Specification

< for standard model: no WLAN pass through connector>

WLAN Main TX/RX Antenna: Pattern Antenna

(Inverted-F type: 0.94dBi max 2.4GHz)

(Inverted-F type: 0.17dBi max 5.15-5.35GHz)

(Inverted-F type: -0.07dBi max 5.470-5.825GHz)

WLAN Aux RX Antenna: Pattern Antenna (Inverted-F type)

(Inverted-F type: Receive only)

Bluetooth TX/RX Antenna: Pattern Antenna

(Inverted-F type: -0.62dBi max)

EVDO rev.A Main TX/RX Antenna: Whip Antenna

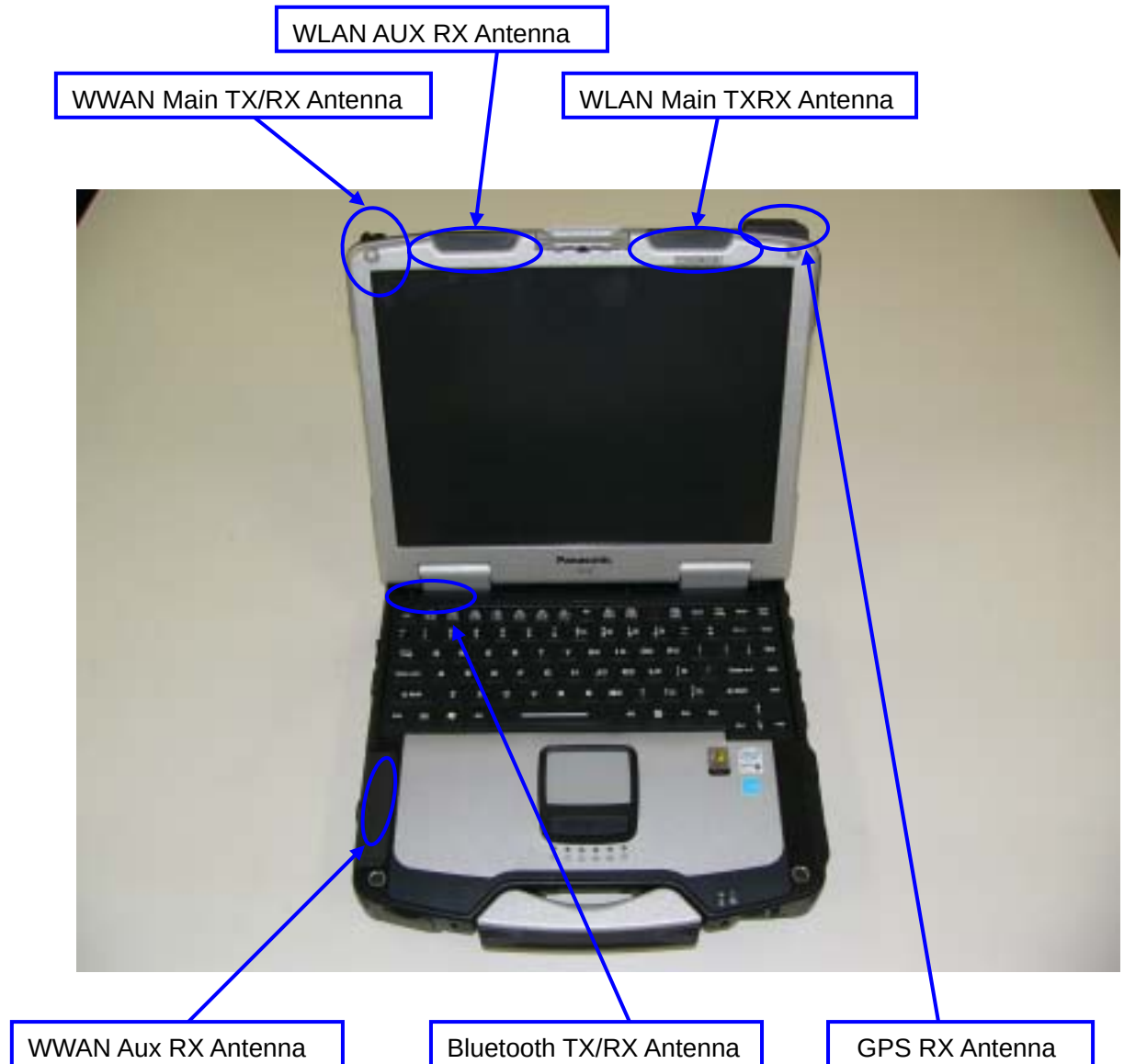
(Whip type: -0.02dBi max 850MHz)

(Whip type: 0.10dBi max 1900MHz)

EVDO rev.A Aux RX Antenna: Pattern Antenna (Inverted-F type)

GPS RX Antenna: Module Antenna

6. Antenna Position and Antenna photo
< model with WLAN pass through connector >



7. Antenna Specification

< model with WLAN pass through connector >

WLAN AUX RX Antenna: Pattern Antenna

(Inverted-F type: Receive only)

WLAN Main TX/RX Antenna: Pattern Antenna (Inverted-F type)

(Inverted-F type: 0.16dBi max 2.4GHz)

(Inverted-F type: -2.54dBi max 5.15-5.35GHz)

(Inverted-F type: -2.78dBi max 5.470-5.825GHz)

Bluetooth TX/RX Antenna: Pattern Antenna

(Inverted-F type: -0.62dBi max)

EVDO rev.A Main TX/RX Antenna: Pattern Antenna

(Inverted-F type: -0.02dBi max 850MHz)

0.10dBi max 1900MHz)

EVDO rev.A Aux RX Antenna: Pattern Antenna (Inverted-F type)

GPS RX Antenna: Module Antenna

Antenna Position

