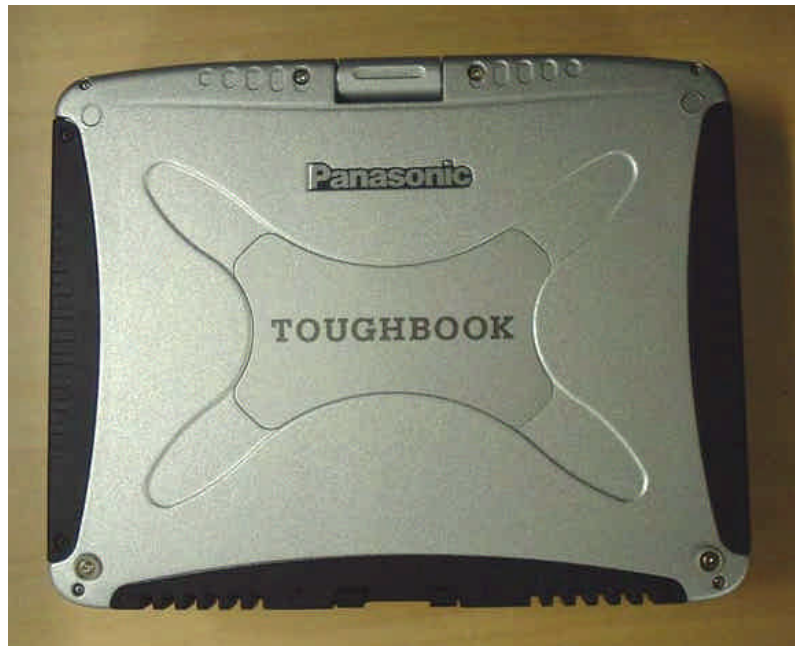


<CF-18 WLANb+g & Bluetooth & GPRS model photo>

1) CF-18 Top/Front View

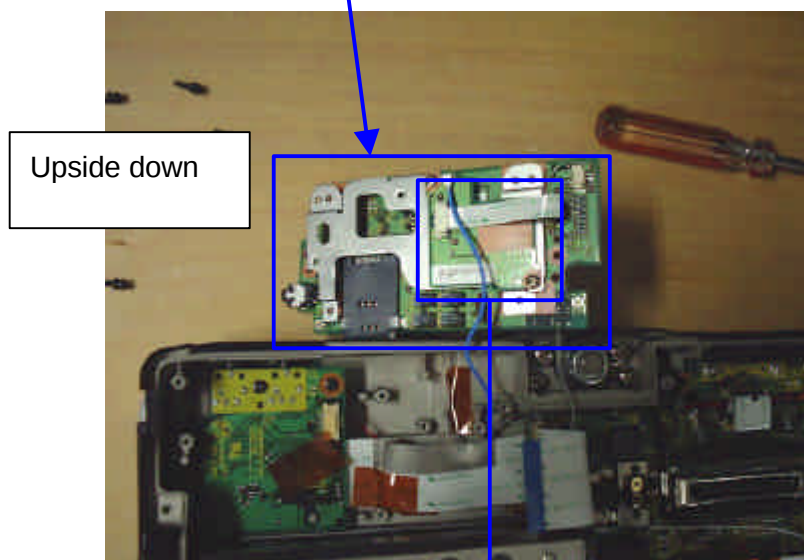
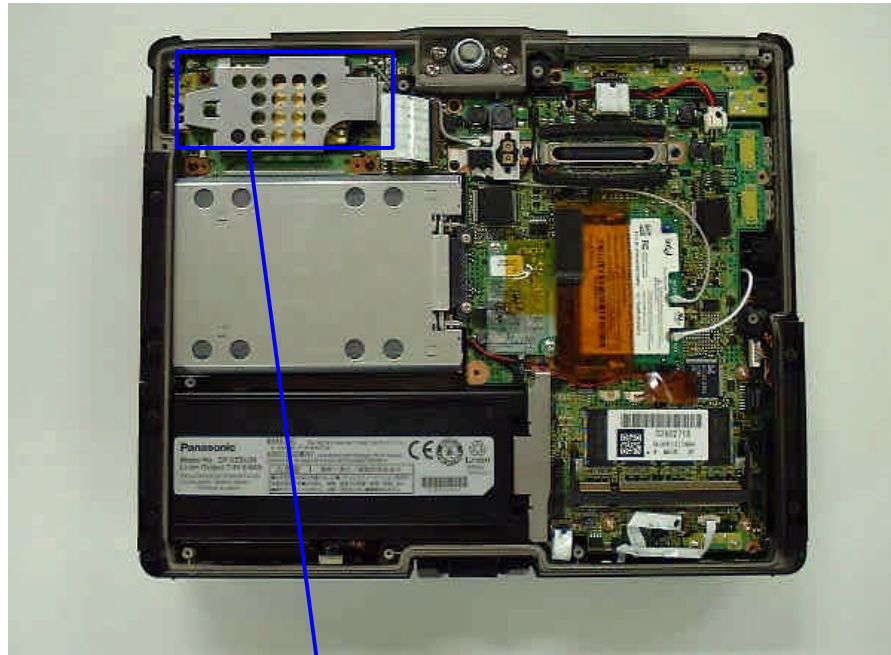


Top View



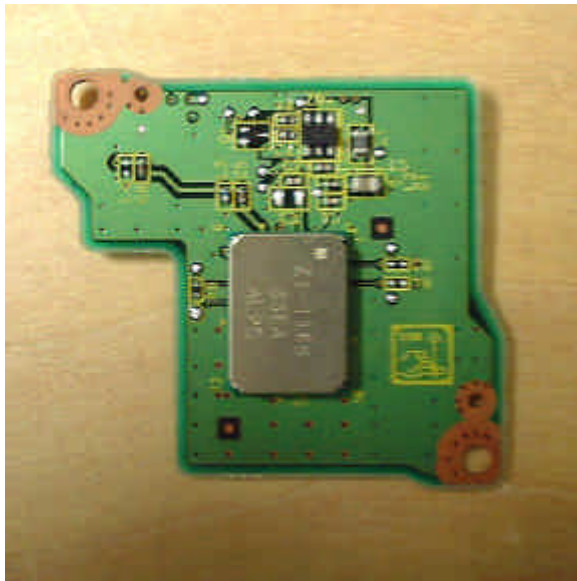
Front View

2) BlueTooth module position

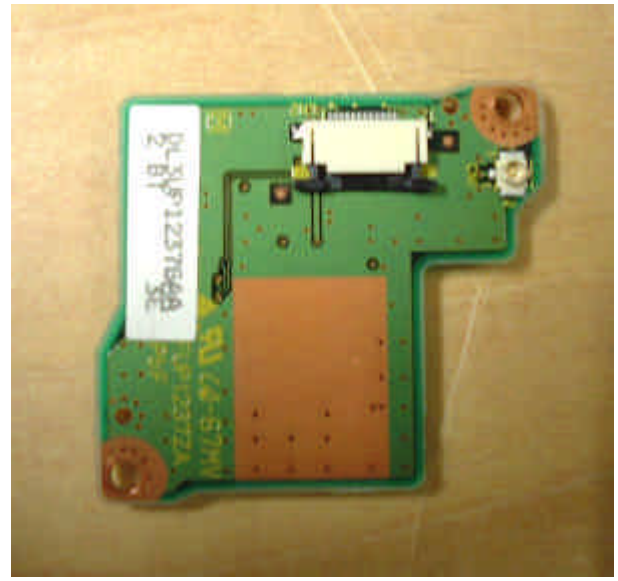


Bottom View of Bluetooth Module with Daughter Board

3) Bluetooth Module exterior photo



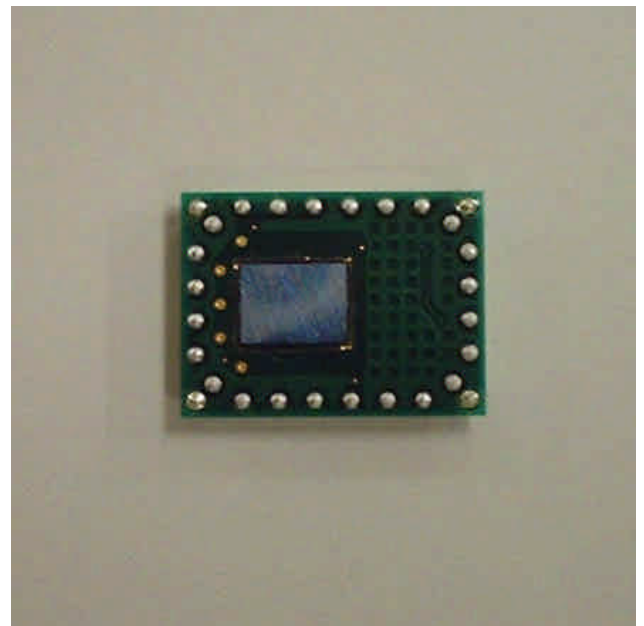
Top View of Bluetooth Module with Daughter-Board



Bottom View of Bluetooth module with Daughter-Board

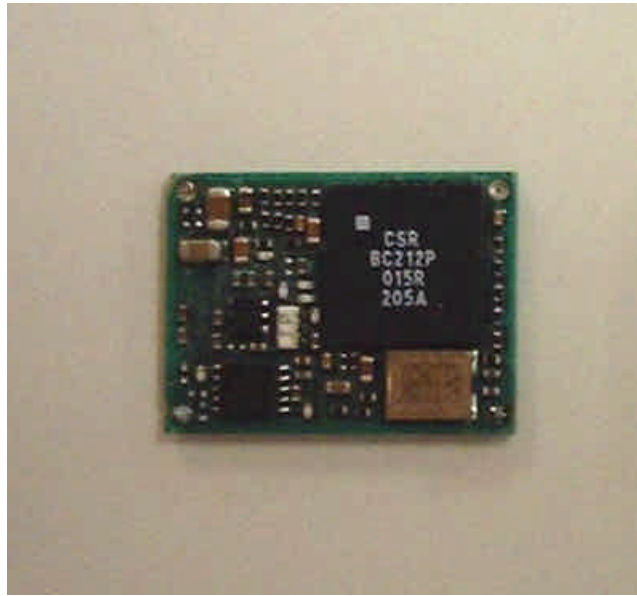


Top View of Bluetooth Module



Bottom View of Bluetooth Module

4) Bluetooth Module Interior photo



Bluetooth Module without shield

5) WLAN Card position



WLAN Card Position

6) WLAN exterior photo

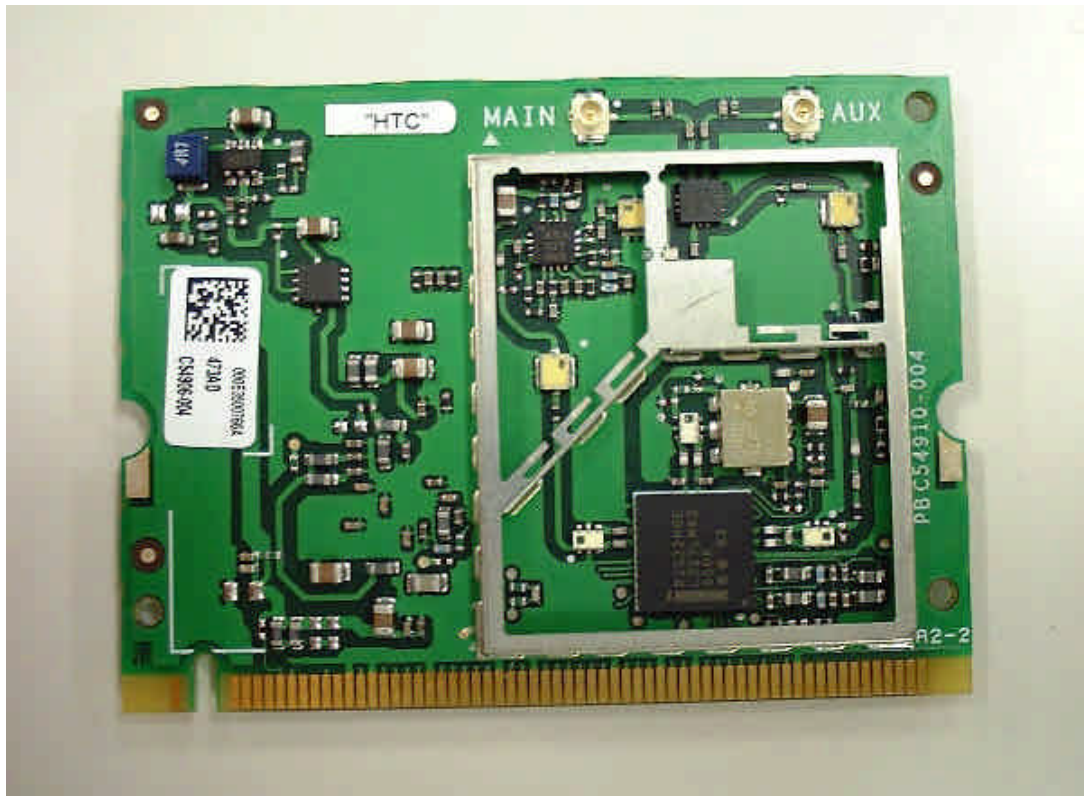


WLAN Top View



WLAN Bottom View

7) WLAN interior photo

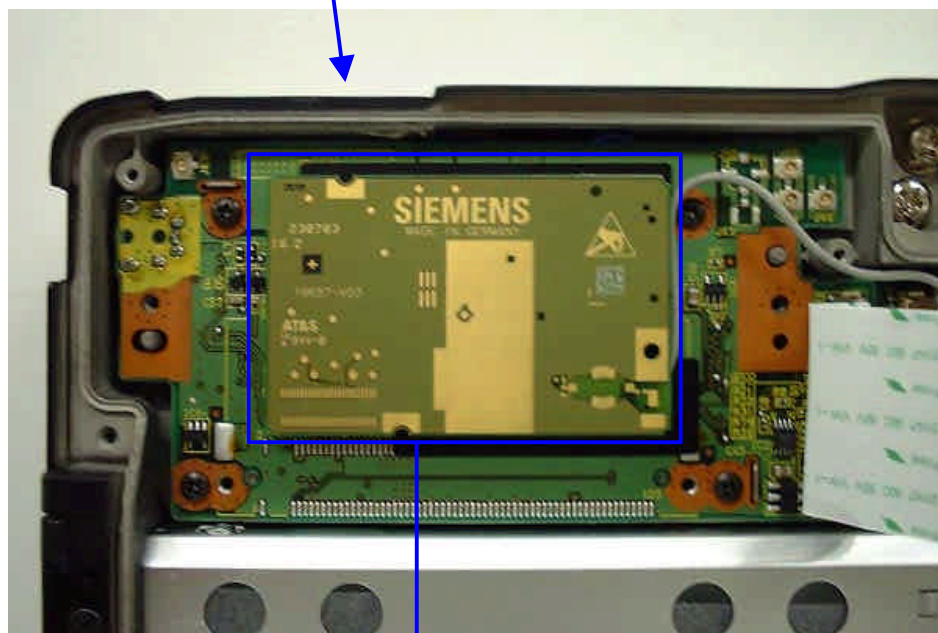
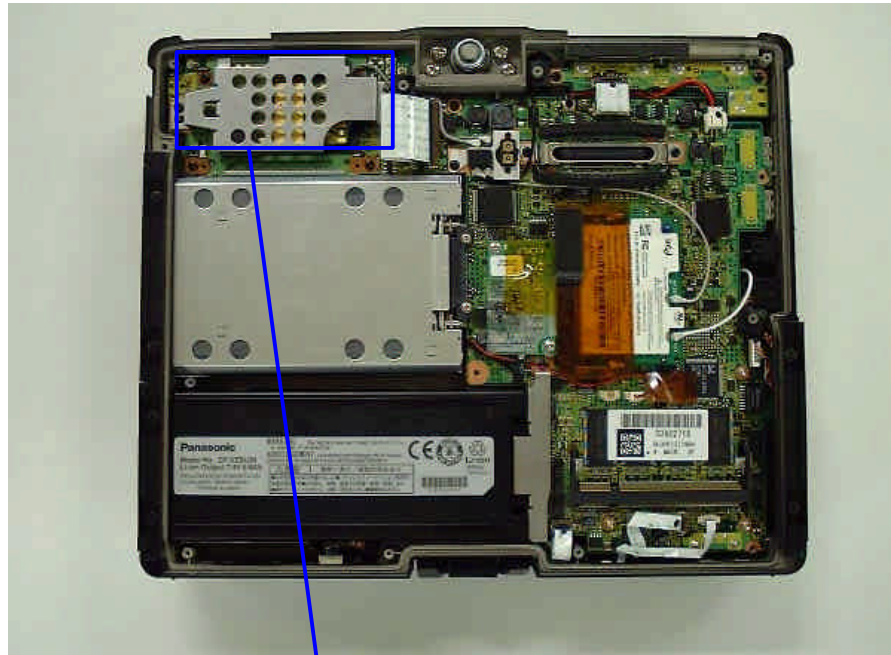


WLAN inside Top View



WLAN inside Bottom View

8) GPRS(MC46) module position



GPRS Module (MC46)
** Non-shield metal

9) GPRS Module photo



MC46 Module Top View

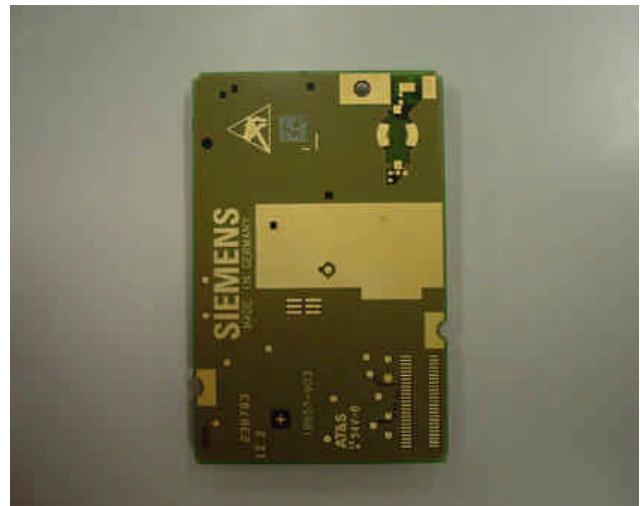
Note: Above Module Label is not final.



MC46 Module Label Final Design



MC46 Module Interior View

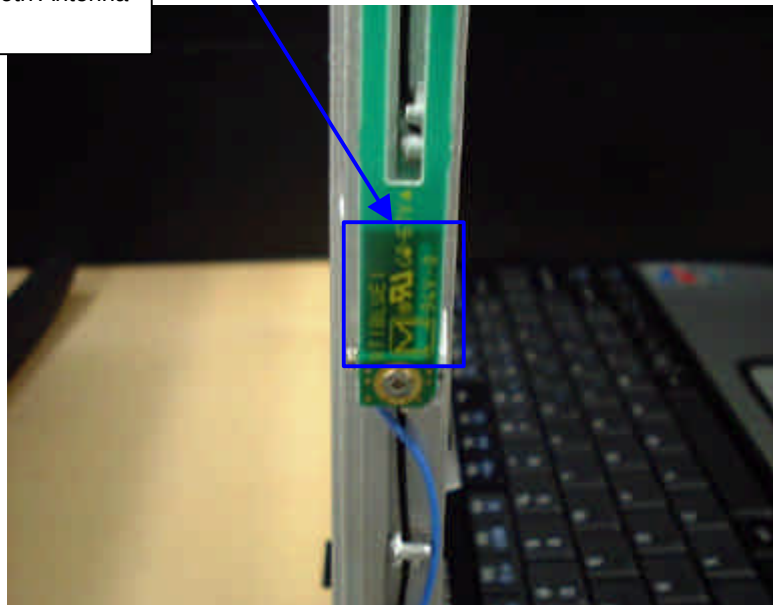


MC46 Module Bottom View

10) Antenna position



Bluetooth Antenna



WLAN Left Antenna
(send & receive)



WLAN Right Antenna
(receive only)



WLAN Left antenna (Send & Receive)



WLAN Right Antenna (Receive only)



GPRS
Antenna
Position
(Pattern
Antenna)



Antenna cover open view



Antenna Magnified View

11) Antenna Specification

WLAN Right Antenna: Pattern Antenna (Inverted F type: 1.42dBi max)

WLAN Left Antenna: Pattern Antenna (Inverted F type: 2.59dBi max)

Bluetooth Antenna: Pattern Antenna (Inverted F type: 3.54dBi max)

GPRS Antenna: Pattern Antenna (Inverted-F type: 2.15dBi max)