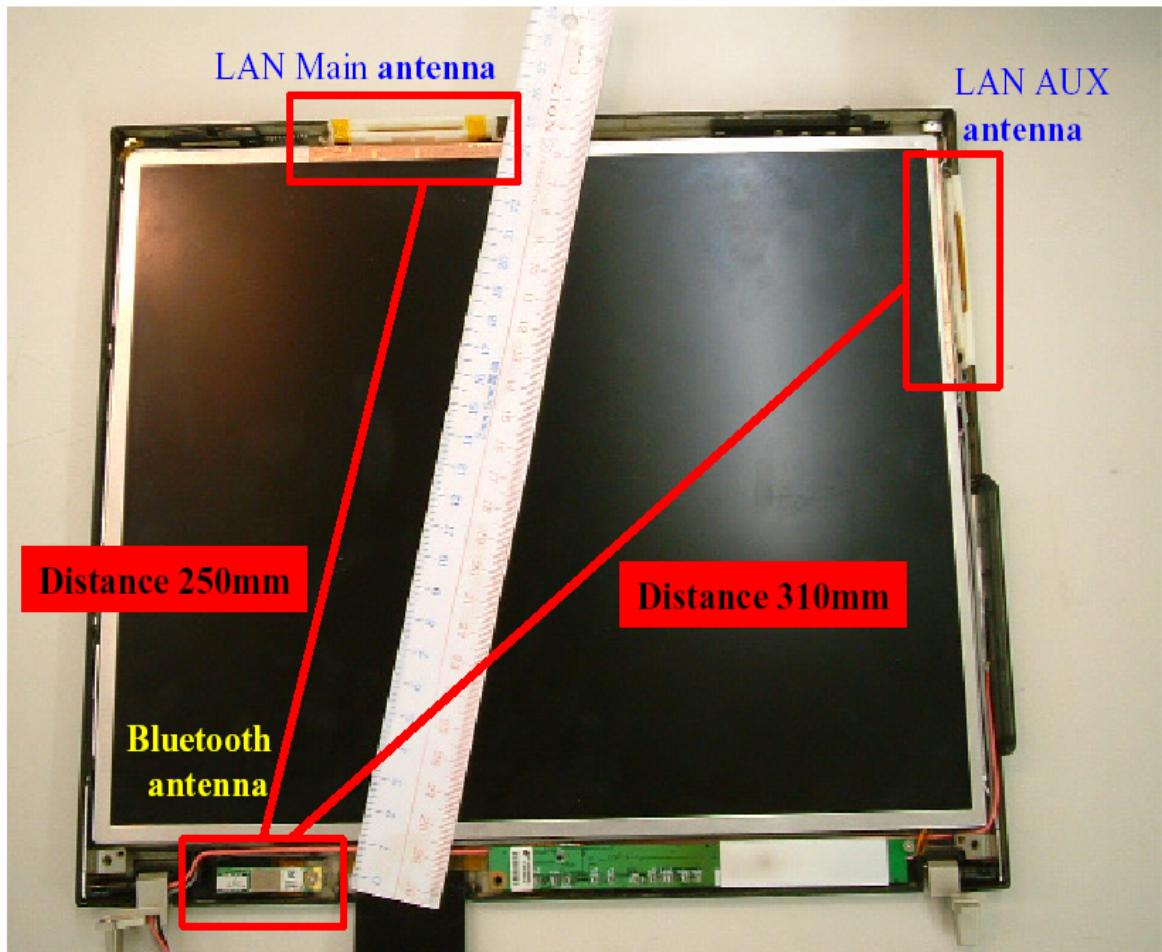
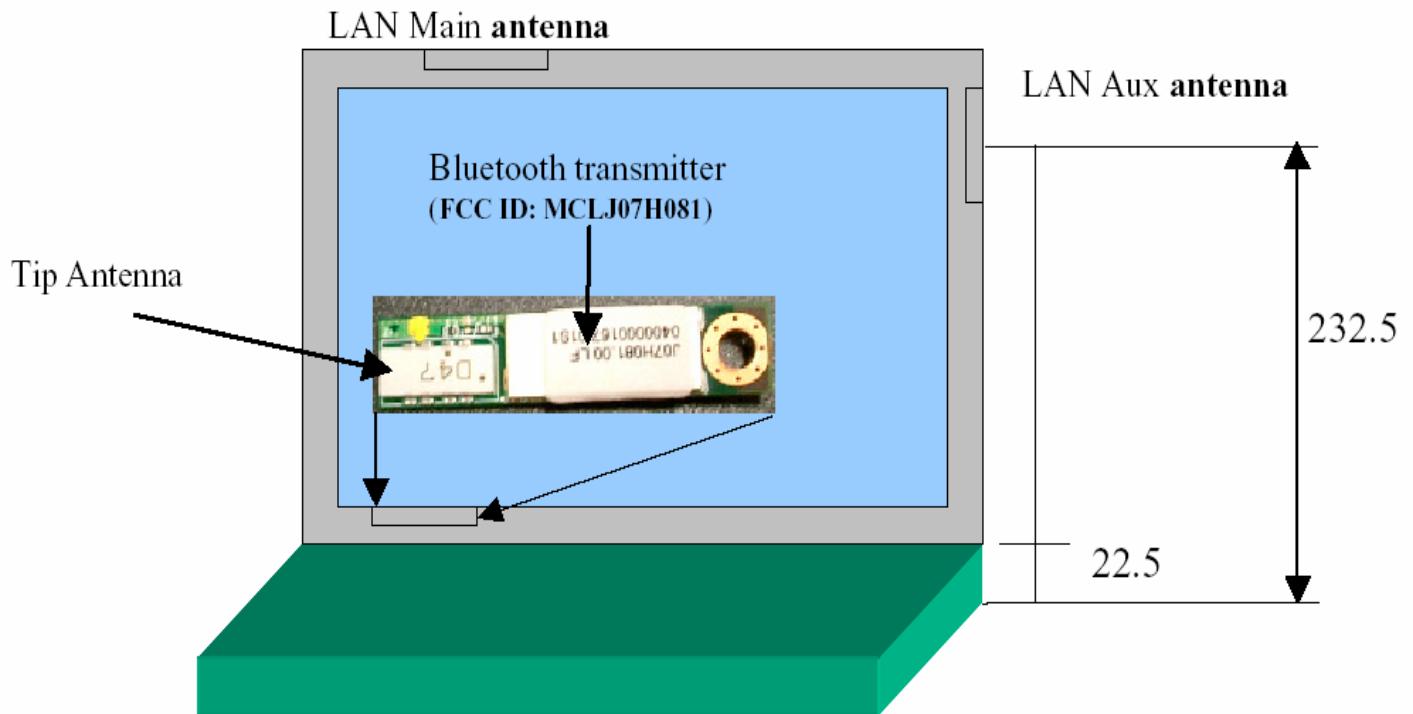


## Description of Co-Location Attestation



The main and auxiliary antennas of the subjected host PCs are located at upper portions of each LCD section, and those are assembled apart from the Bluetooth antenna with 20 cm or more as shown in the previous figures.

Therefore, the Bluetooth transmitter is not considered as a co-located device, and is allowed to evaluate the RF exposure compliance independently of the applying WLAN modular transmitter. In other word, the SAR testing for the applying WLAN device in simultaneous transmitting with the Bluetooth device is not required, when the Bluetooth device satisfies the RF exposure requirement with its own transmission power.

When a customer operates the laptop PC on one's lap, the sufficient separation distance (minimum 20cm) between the above Bluetooth antenna and the person's body (lap) can not be maintained. However the footnote<sup>14</sup> of the Section 3 in Supplement C to OET Bulletin 65 states:

<sup>14</sup> ..... If a device, its antenna or other radiating structures are operating at closer than 2.5 cm from a person's body or in contact with the body, SAR evaluation may be necessary when the output is more than 50 – 100 mW, depending on the device operating configurations and exposure conditions.”

The output power of the Bluetooth device is 5mW (far below 50mW). Therefore the transmitter also satisfies the RF exposure requirement regarding CFR 47 Part 15.247(b)(4) without a SAR compliance test report, and can operate with the applying WLAN transmitter simultaneously.