

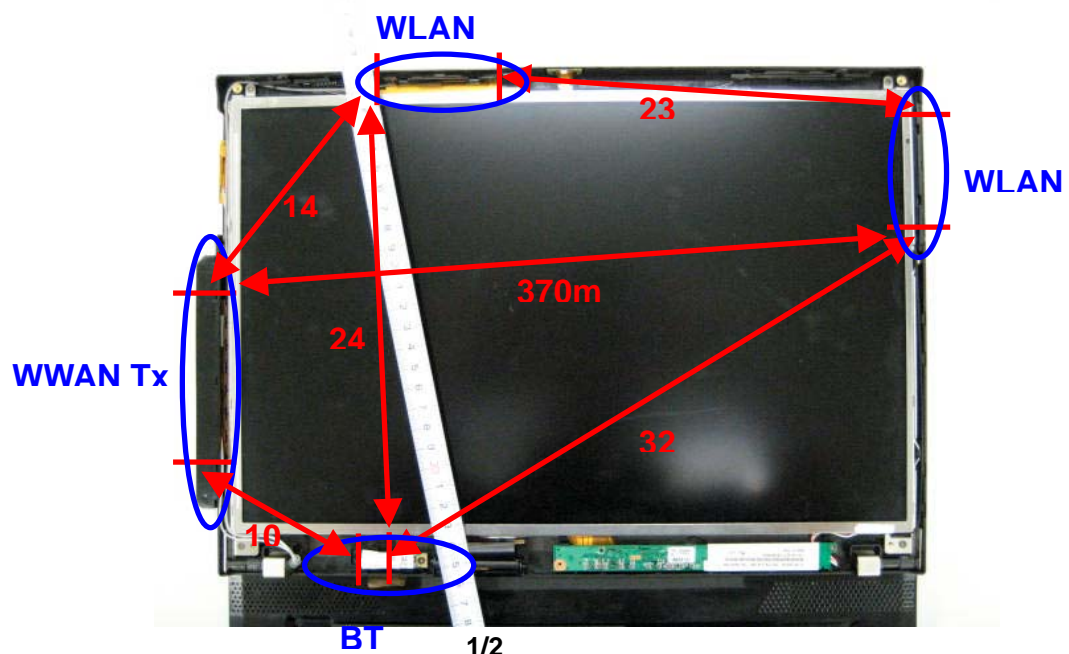
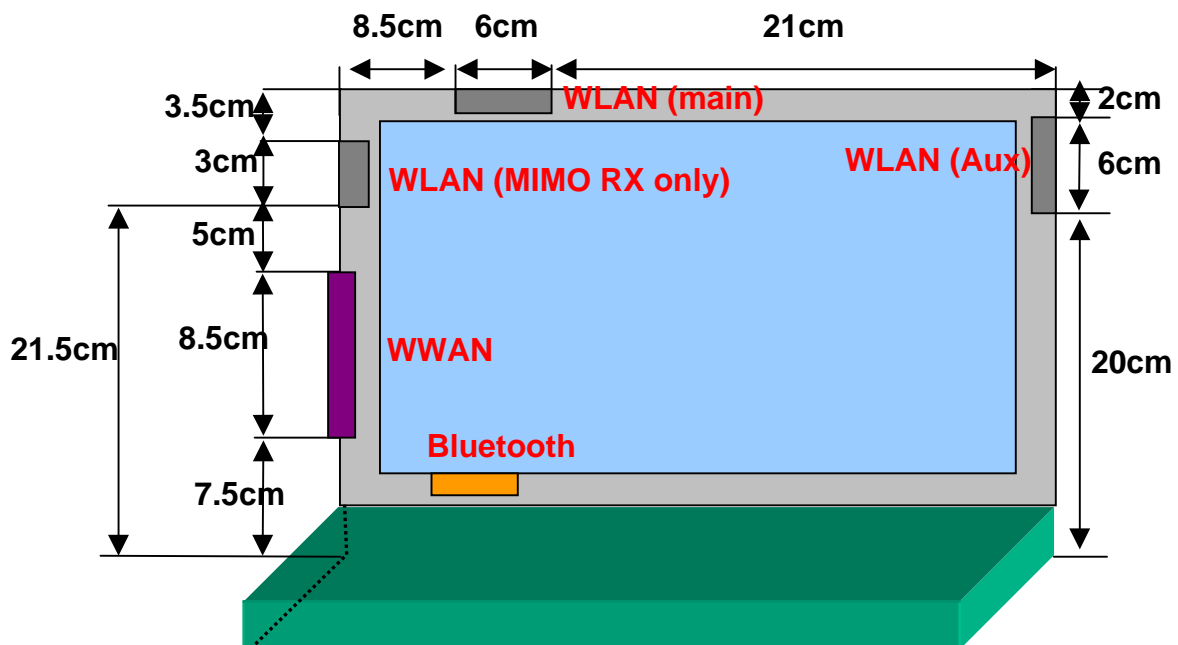
# RF Exposure Evaluation

## in co-locating with other transmitters

The subjected host device, ThinkPad T60 Series (15.4" wide panel) has a capability to transmit RF frequencies from the applying modular device (**FCC ID: N7N-MC5720**) with the following co-located transmitters simultaneously.

Tx type	FCC ID	Grantee Name	Granted Date
Bluetooth adapter	MCLJ07H081	HON HAI Precision Ind. Co., Ltd.	June/ 23 / 2005
WLAN adapter	PPD-AR5BXB6	Atheros Communications, Inc.	July / 14/ 2005
	PD9LEN3945ABG	Intel Corporation	November / 01/ 2005
	PPD-AR5BXB72-L	Atheros Communications, Inc.	July / 18/ 2006

**Figure-1 Antenna assembly of T60 Series (15" wide panel)**



The separation distance between human body and the WWAN Tx antennas of the new host PC device (ThinkPad T60 Series) is 75mm. Therefore the applying WWAN transmitter module and the antenna system are categorized as a Portable device pursuant to FCC CFR 47 Section 2.1093.

And the separation distances from the WWAN Tx antenna to WLAN main antenna and Bluetooth antenna are within 20cm. Therefore those transmitters are regarded as co-located devices, and then the SAR testing in co-locating condition is required for the RF Exposure evaluation.

The separate SAR report includes the measurement results performed with the applying transmitter (FCC ID: N7N-MC5720) and the co-located WLAN and Bluetooth transmitters (FCC ID: PPD-AR5BXB72-L<sup>\*1</sup> and MCLJ07H081) in active and transmitting simultaneously.

The SAR compliance result to FCC CFR 47 section 2.1093 is shown in the report.

\*1: The higher power of WLAN transmitter (i.e. FCC ID: PPD-AR5BXB72-L) was selected for the co-located WLAN EUT representatively.

FCC ID	Grantee Name	Granted Date	Conducted Max. Tx power		
				Peak	Average
PPD-AR5BXB6	Atheros Communications, Inc.	July / 14/ 2005	Part 15C	190mW (22.8dBm)	no data
			Part 15E	no data	41mW (16.1dBm)
PD9LEN3945ABG	Intel Corporation	November / 01/ 2005	Part 15C	318mW (25.0dBm)	54mW (17.3dBm)
			Part 15E	68mW (18.3dBm)	52mW (17.2dBm)
PPD-AR5BXB72-L	Atheros Communications, Inc.	July / 18/ 2006	Part 15C	no data	237mW (23.7dBm)
			Part 15E	no data	133mW (21.2dBm)