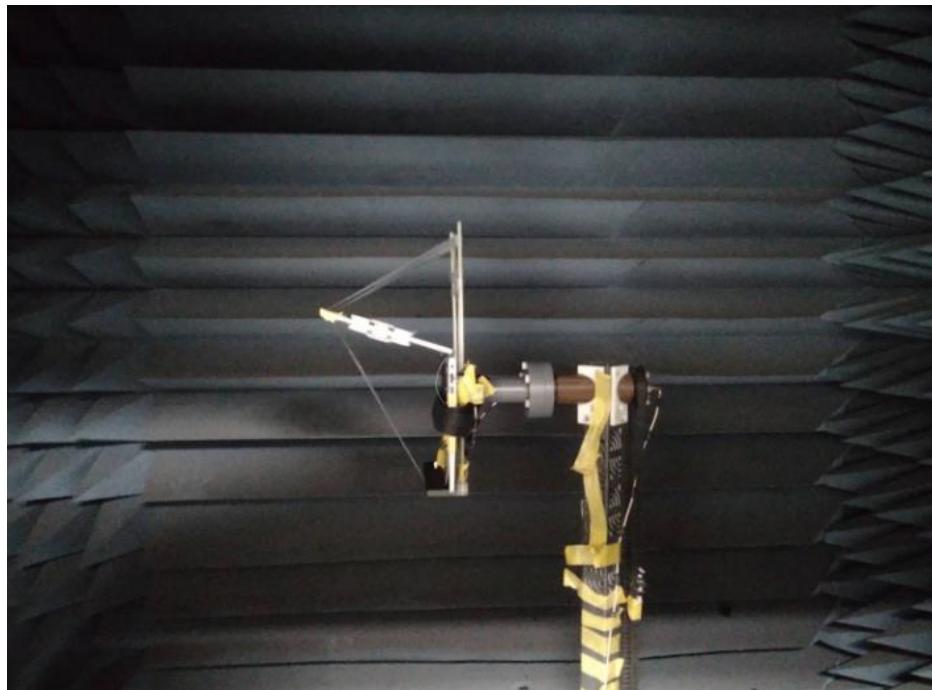


# Annex A. Photographs

## A.1 Setup Photo

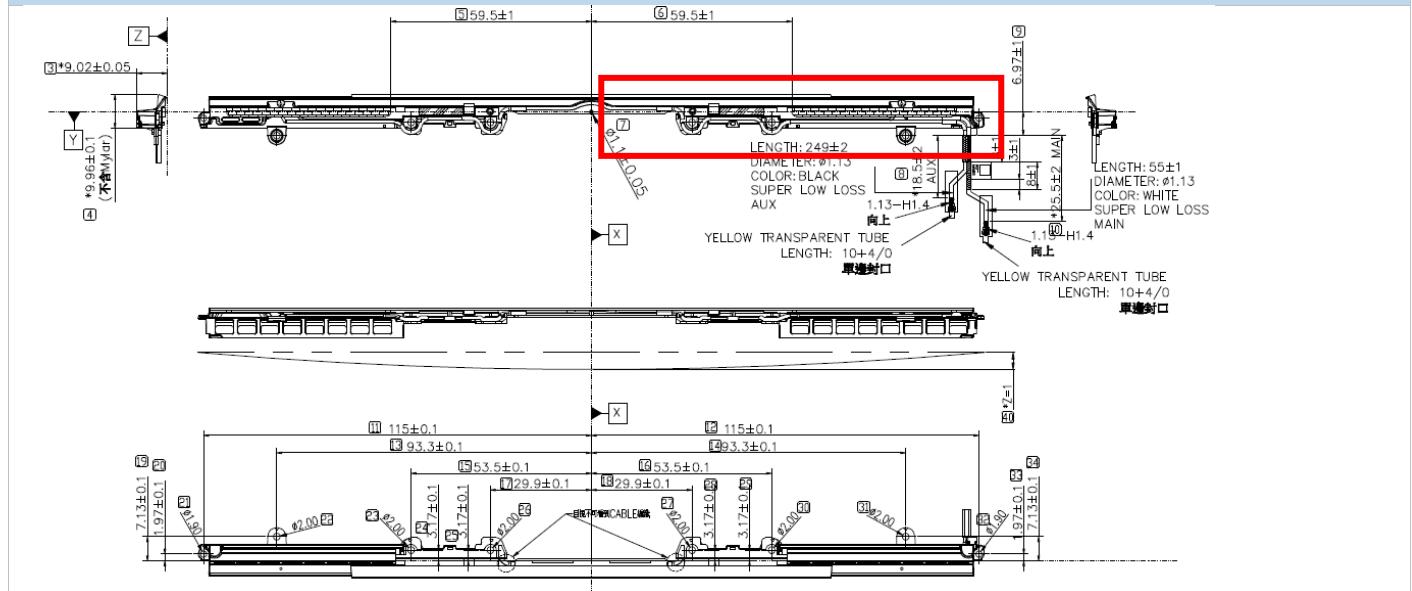
Test Conditions
NB under test placed on a non-conductive structure at sufficient height to be in the 'quiet zone' of the chamber
The NB under test must be fully populated with a power, motherboard, hard drive, disk drives, etc... The purpose is to characterize the antennas on a fully populated customer deliverable unit.
NB's panel should be parallel with XY-plane and face to Y-axle, see diagram below.



## A.2 Test sample

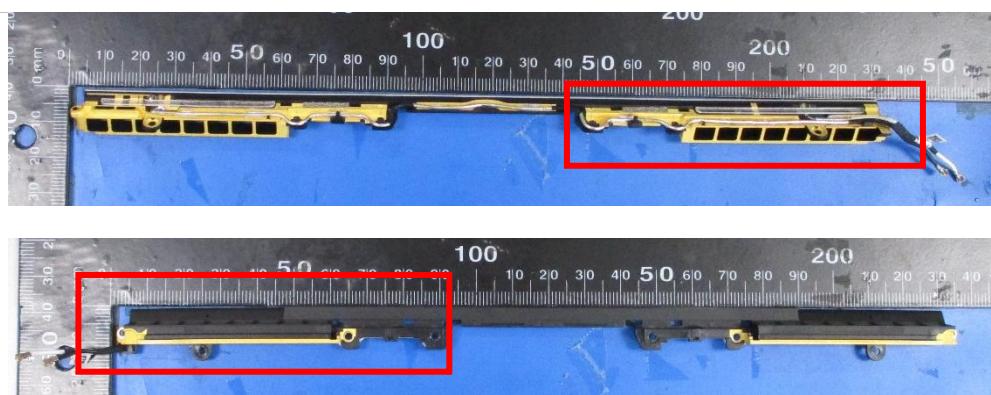
## Main Antenna

## Antenna Drawing



## Antenna Photo

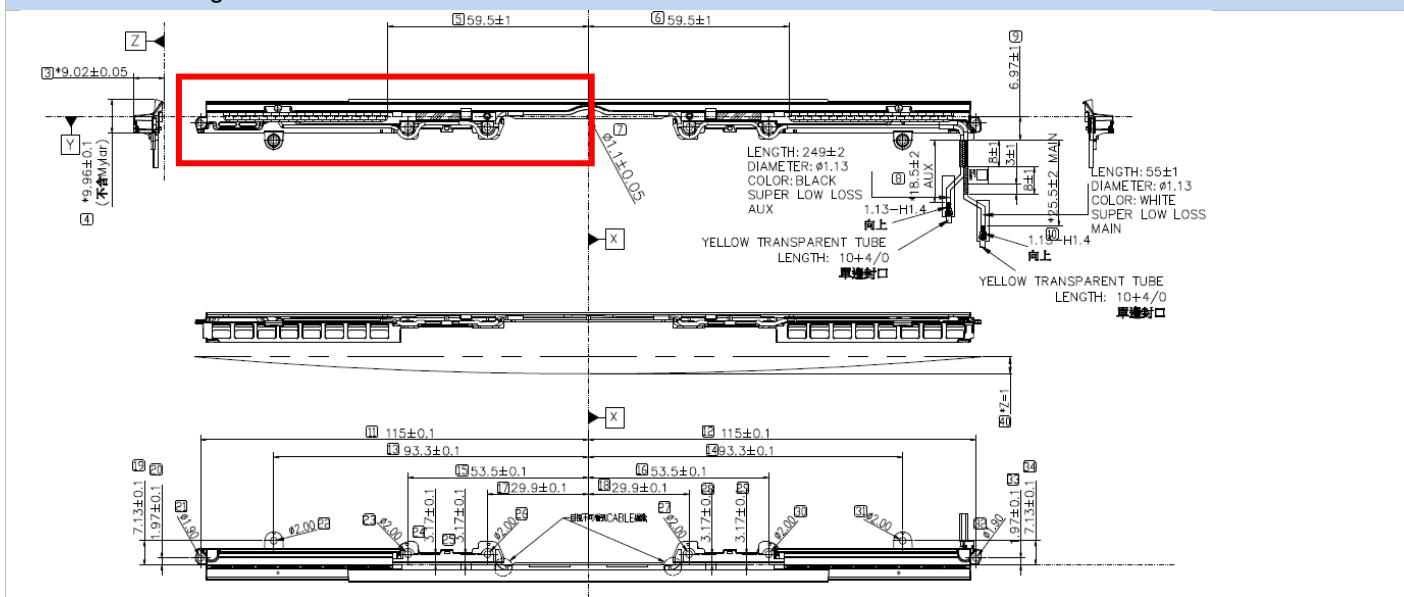
Front / Back



**Note: antenna photo should include L type ruler**

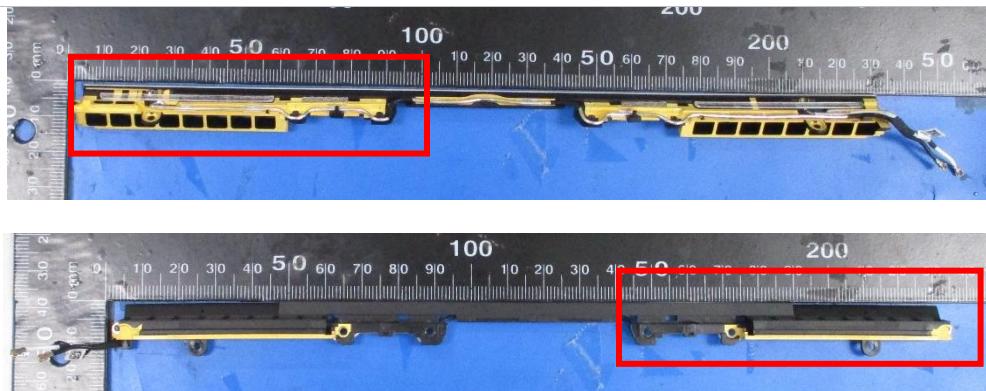
## Aux Antenna

## Antenna Drawing



## Antenna Photo

Front / Back



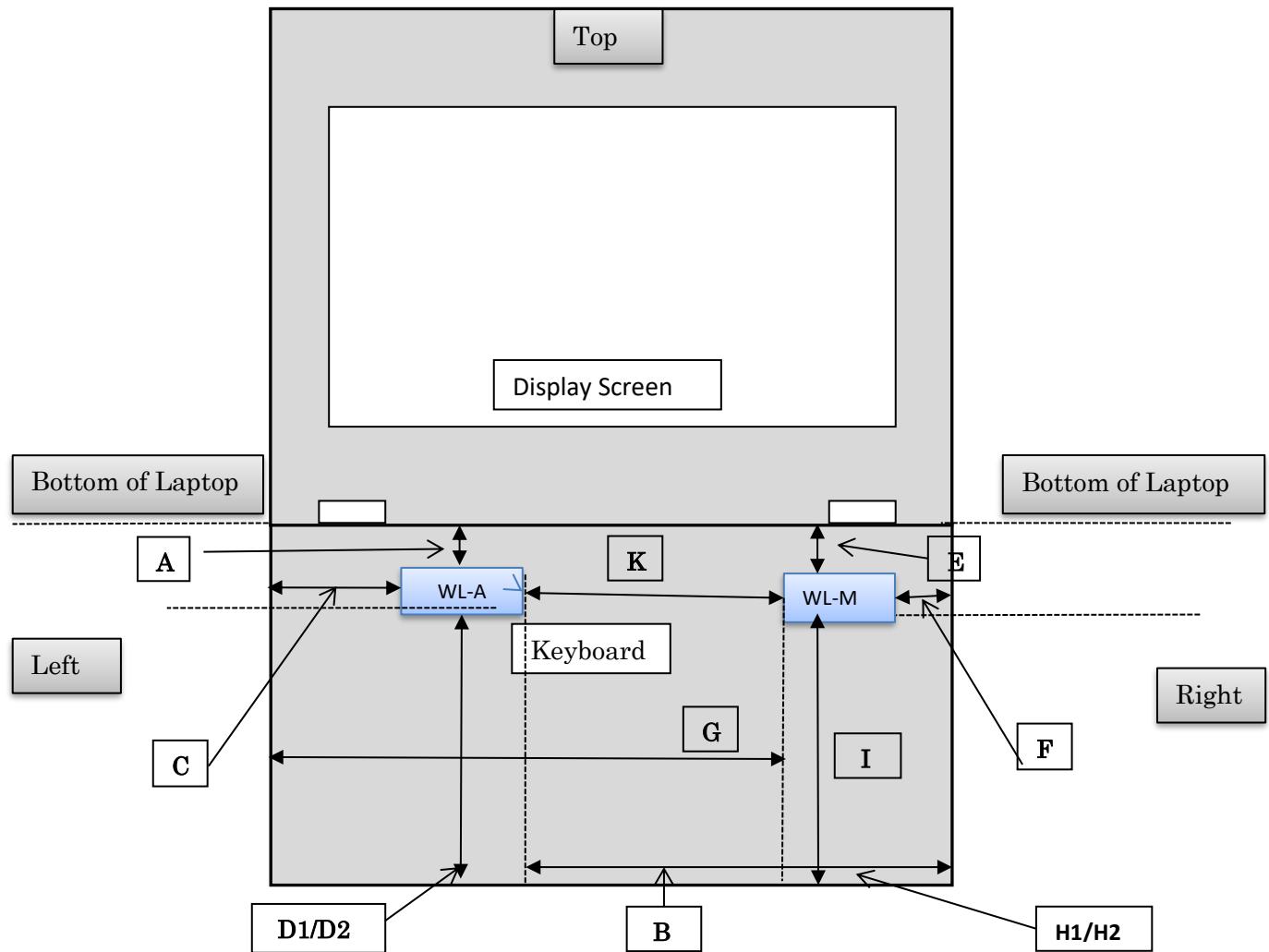
**Note: antenna photo should include L type ruler**

# Annex B. Antenna Location

## B.1 Antenna Host Platform Location Information

Include a dimensioned photo(s) or dimensioned drawing(s) of Main and Aux antenna placements (measurements are not required for receive-only antenna).

Any antenna that transmits must show dimensions to bottom of laptop. Provide a description of the materials that are used for supporting or surrounding transmit antennas; for example, non-conductive plastics vs. conductive coated plastic or metallic materials.



Minimum Separation Distance			
Item	Antenna	Position	Distance (mm)
<b>A</b>	WLAN-Main	to Top	4.53mm
<b>B</b>	WLAN-Main	to Right	31.07mm
<b>C</b>	WLAN-Main	to Left	205.67mm
<b>D-1</b>	WLAN-Main	to Bottom of Laptop (Include Bumper)	2.68mm
<b>D-2</b>	WLAN-Main	to Bottom of Laptop (NOT include Bumper)	0.9mm
<b>E</b>	WLAN-Aux	to Top	4.53mm
<b>F</b>	WLAN-Aux	to Right	205.67 mm
<b>G</b>	WLAN-Aux	to Left	31.07mm
<b>H-1</b>	WLAN-Aux	to Bottom of Laptop (Include Bumper)	2.68mm
<b>H-1</b>	WLAN-Aux	to Bottom of Laptop (NOT include Bumper)	0.9mm
<b>K</b>	WLAN Main	to WLAN Aux	116.04mm

## B.2 Antenna dimensional information for SAR evaluation

Include a dimensioned photo(s) or dimensioned drawing(s) showing the distance (mm) between the transmit antennas and the user. For notebook/laptop hosts show lapheld position (example below). For tablet hosts show all orientations including lapheld, primary & secondary portrait, primary & secondary landscape positions. Include a description of any proximity sensors or power throttling implementations that limit or exclude use of any host orientation.

