b. Equipment list

## Anechoic Chamber

| Equipment Description | Manufacturer | Identification no. | Current calibration date | Next calibration date |
|---|---|---|---|---|
| Network analyzer | Agilent | E5071C | 2022/01/07 | 2023/01/06 |
| Measurement software | ETS-Lindgren | EMQuest | 2022/03/03 | 2023/03/03 |
| Multi axis positioning system(MAPSTM) | ETS-Lindgren | EMCO 2115 | 2022/03/03 | 2023/03/03 |
| Multi axis positioning system(MAPSTM) | ETS-Lindgren | EMCO 2110 | 2022/03/03 | 2023/03/03 |
| MAPSTM controller | ETS-Lindgren | EMCO 2090 | 2022/03/03 | 2023/03/03 |
| Horn antenna | ETS-Lindgren | 3164-10 | 2022/03/03 | 2023/03/03 |
| Cable 40cm 18 GHz | Jmtt | 201EH012010400 | 2022/04/07 | 2023/04/07 |
| Cable 6m 18 GHz | Jmtt | 201EH012016000 | 2022/04/07 | 2023/04/07 |
| Cable 6m 18 GHz | Jmtt | 201EH012016000 | 2022/04/07 | 2023/04/07 |
| Cable 3.5m 18 GHz | Jmtt | 201EH012013500 | 2022/04/07 | 2023/04/07 |
| Cable 1.5m 18 GHz | Jmtt | 201EH012011500 | 2022/04/07 | 2023/04/07 |

## 3. Setup photo
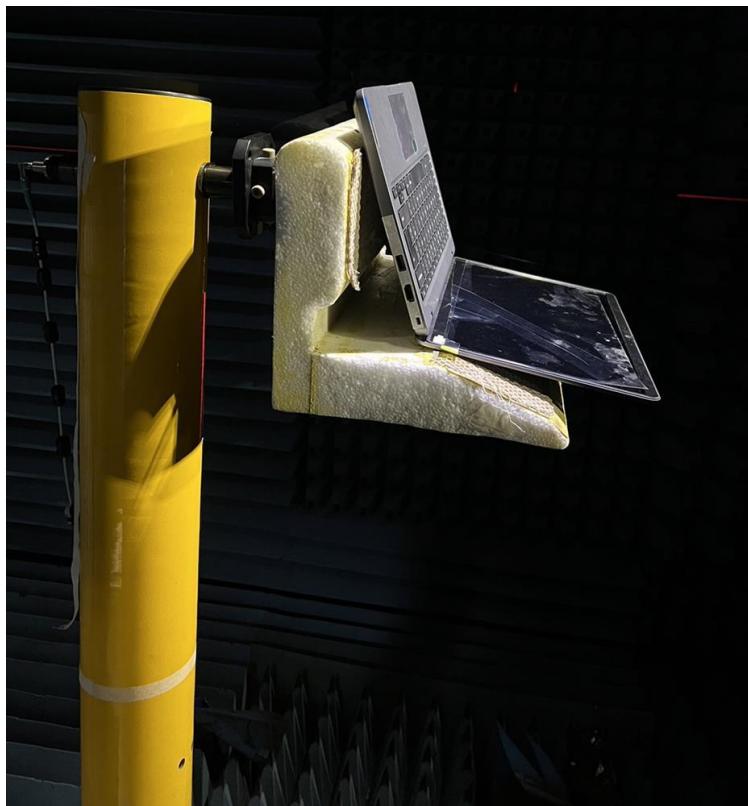
# Section 2. Dimensioned Photos and Drawings of Antennas

**Include the dimensioned photo and drawing of Main antenna here.**

## Main Antenna Drawing:
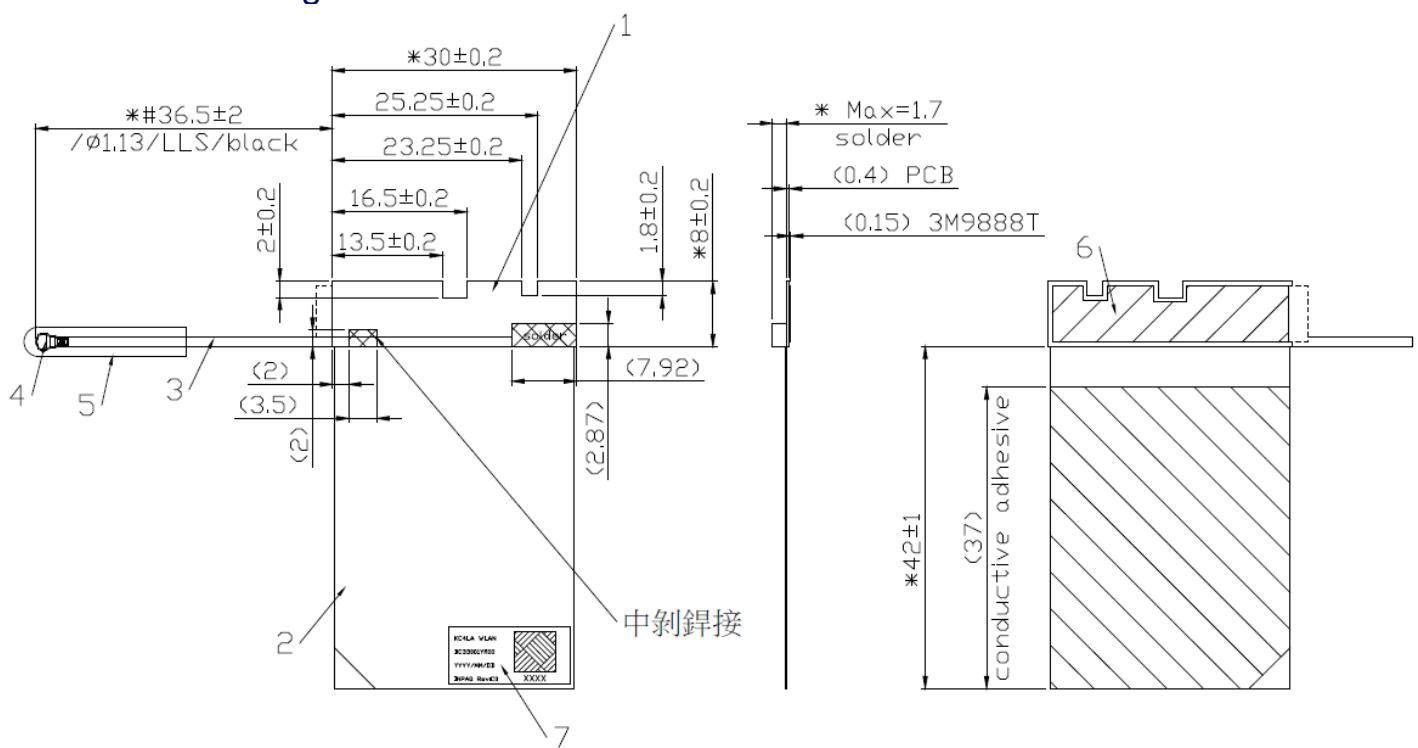


## Main Antenna Photo (Front/Back):
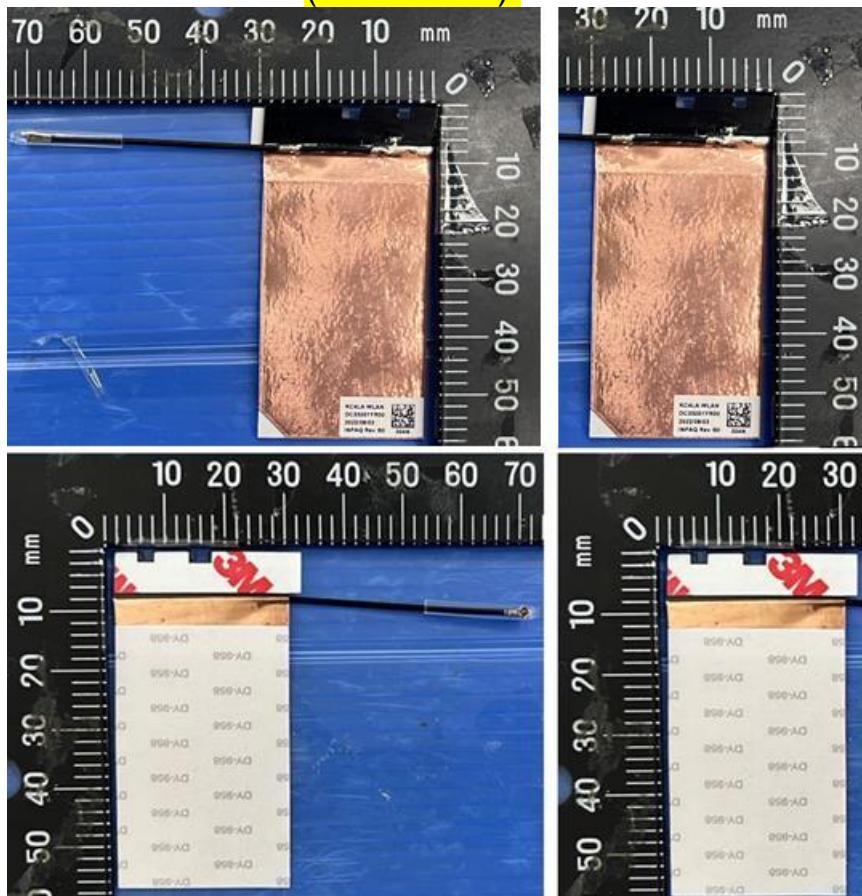


**Note: antenna photo should include L type ruler**

**Include the dimensioned photo and drawing of Aux antenna here.**

# Aux Antenna Drawing:
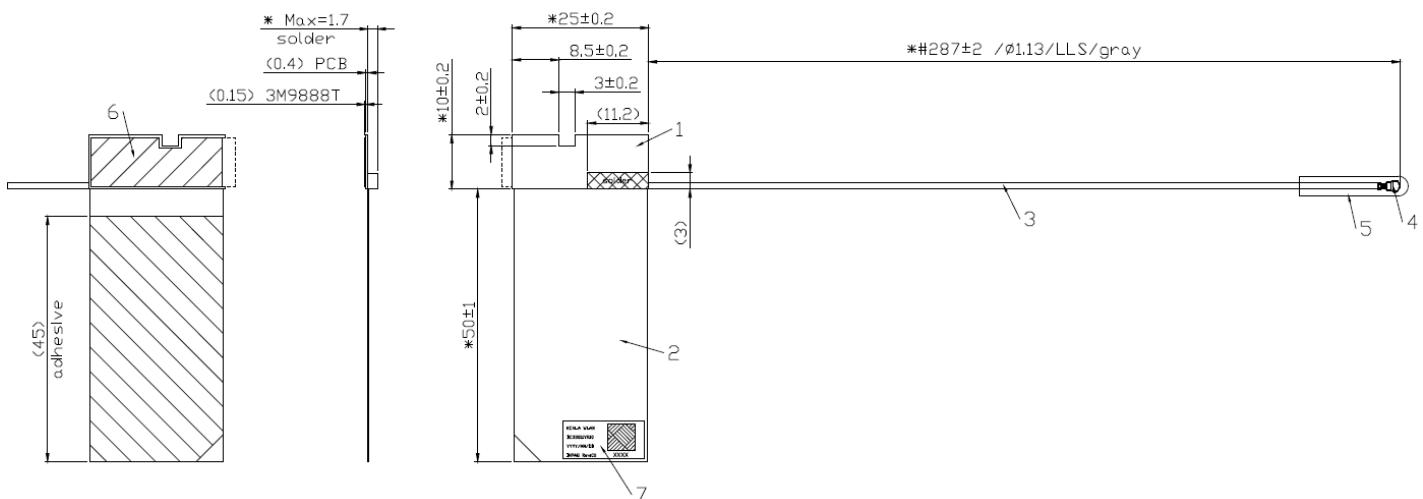


# Aux Antenna Photo <mark>(Front/Back)</mark>:
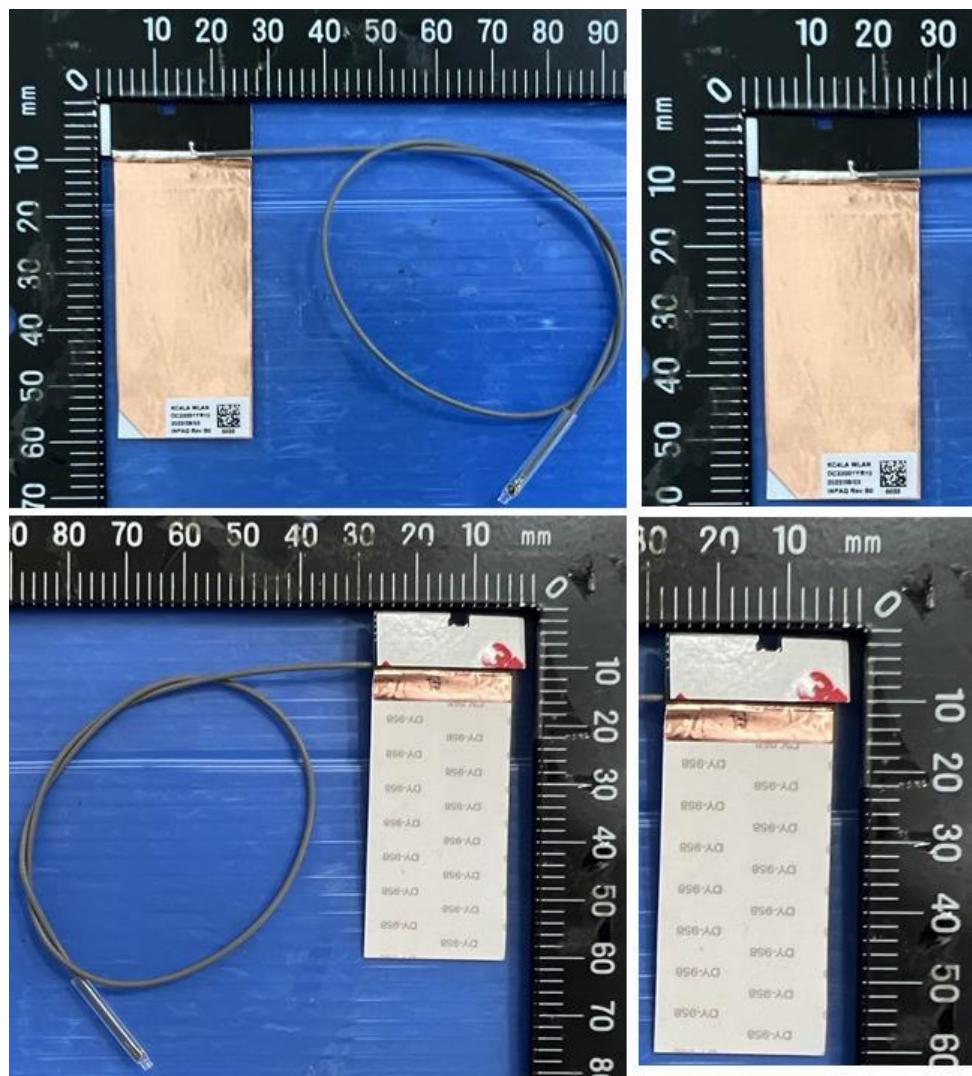


**Note: antenna photo should include L type ruler**

# Section 4. 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 <u>receive-only</u> 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.



Bottom of

Main

Aux

30cm
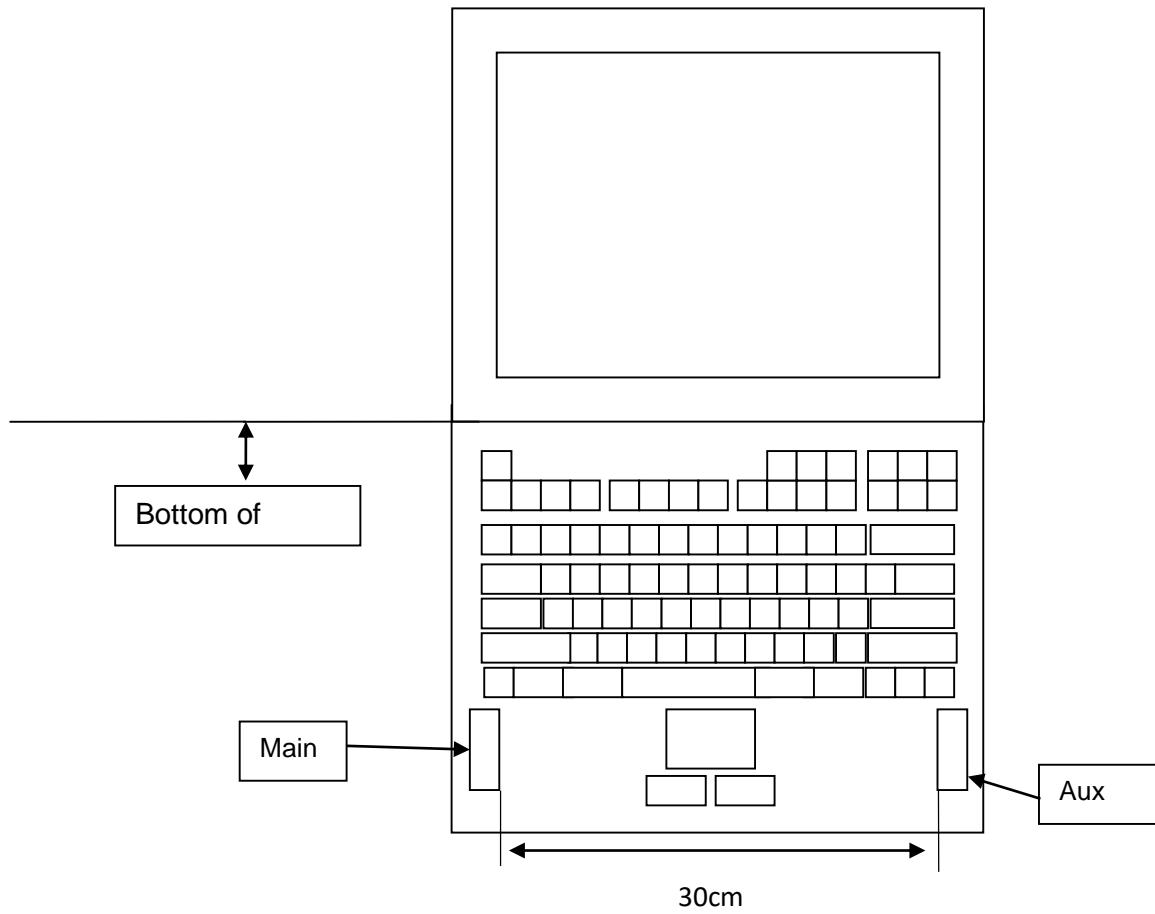
# Section 5. Antenna dimensional information for SAR evaluation

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.
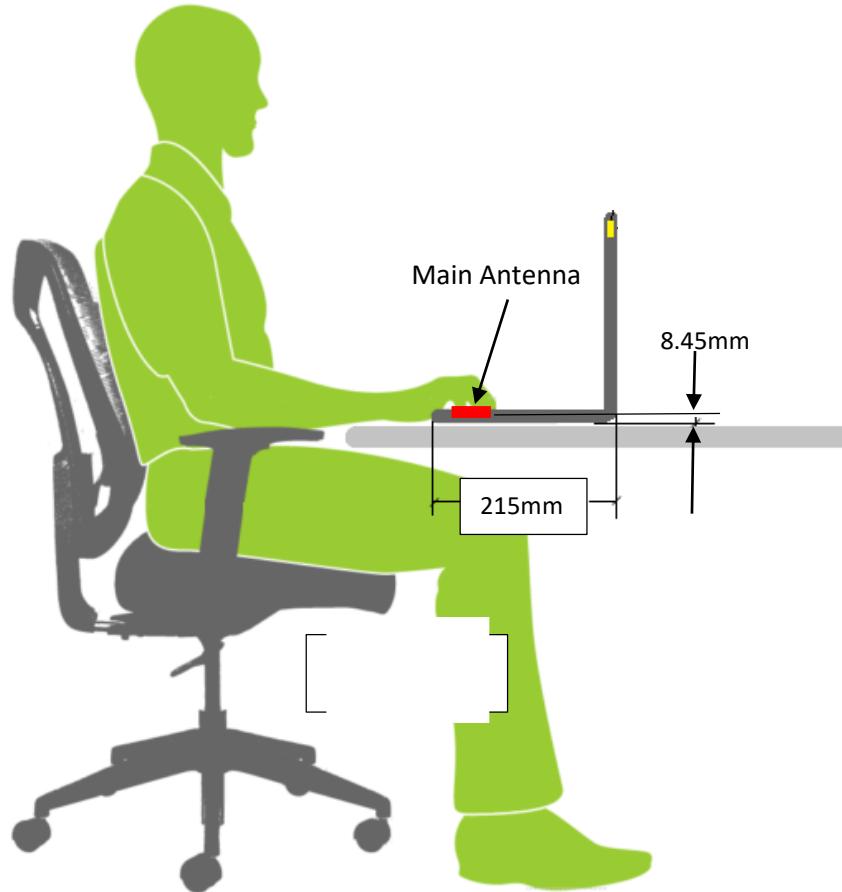
# Section 6. Diagram Example of Co-Location Antenna Separation

Include a **dimensioned photo or dimensioned drawing** showing the distance (mm) between **all WLAN transmit antennas** and other co-located radiator transmit antenna such as Bluetooth, WWAN,..

**(Note: Due to the evolving rules regarding co-location, each platform will need to be reviewed on a case by case basis)**