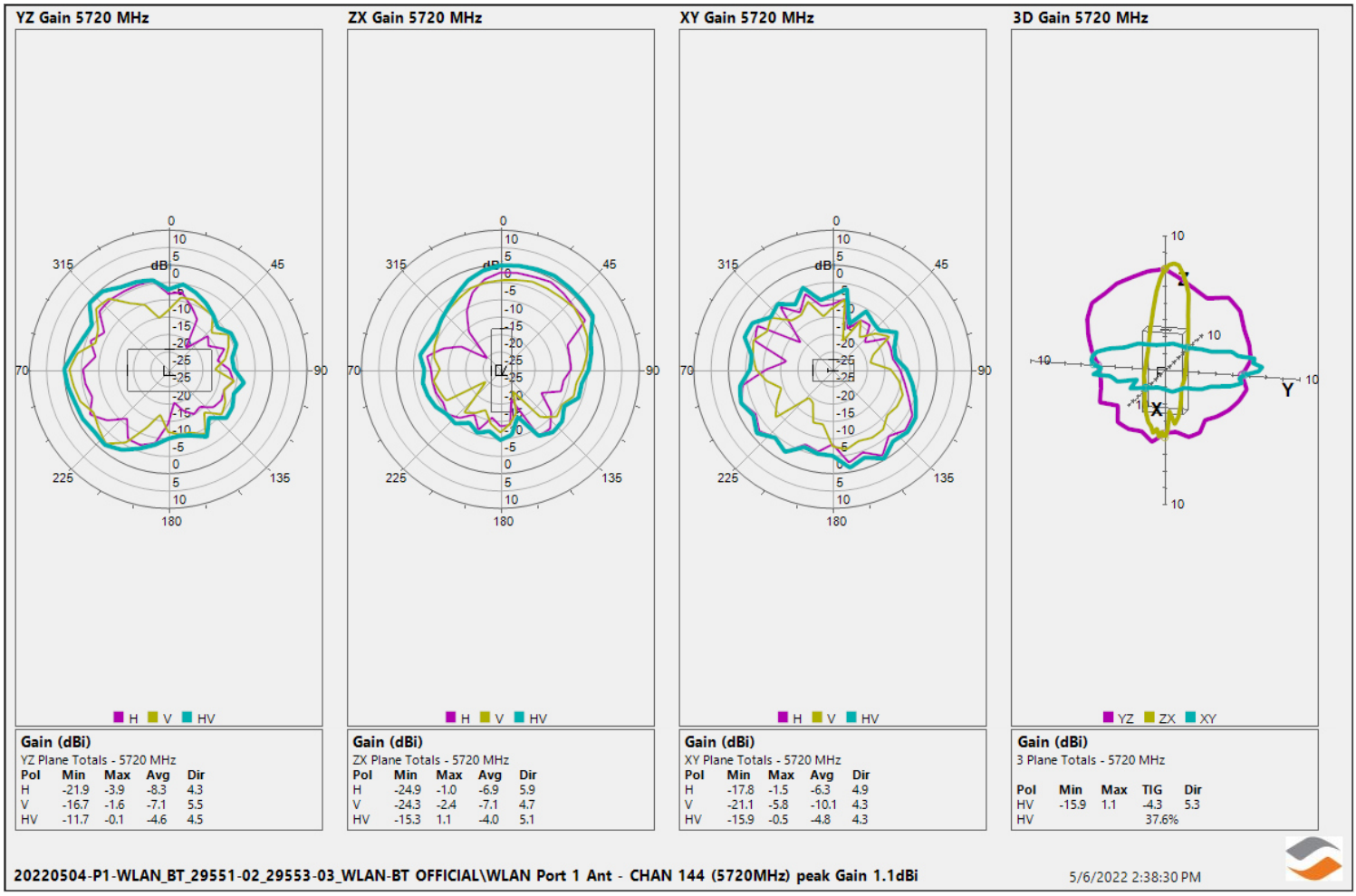
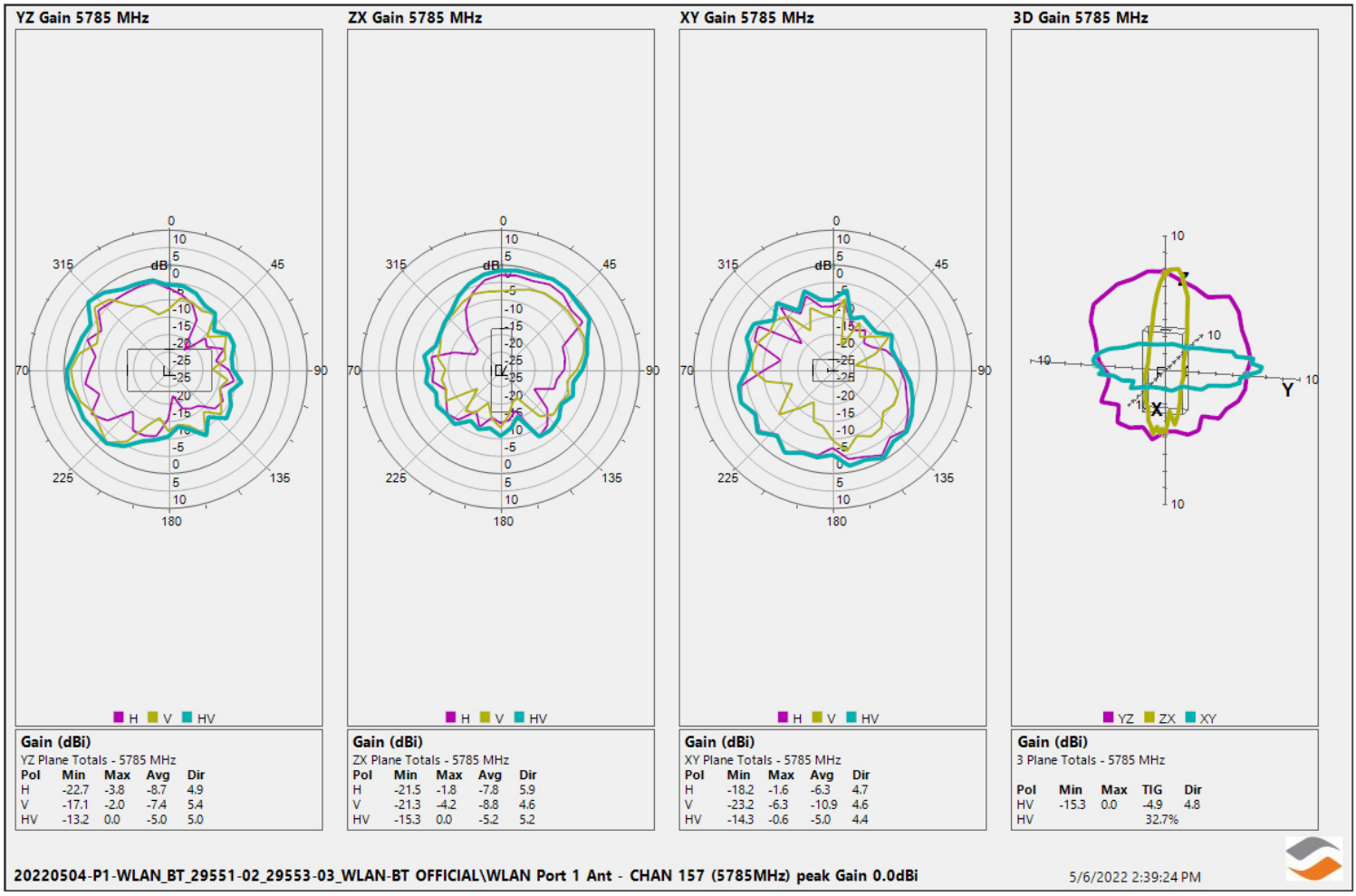
Aux Antenna 3D Radiation Pattern 5470-5725 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5470-5725	1.1



Aux Antenna 3D Radiation Pattern 5725-5850 MHz

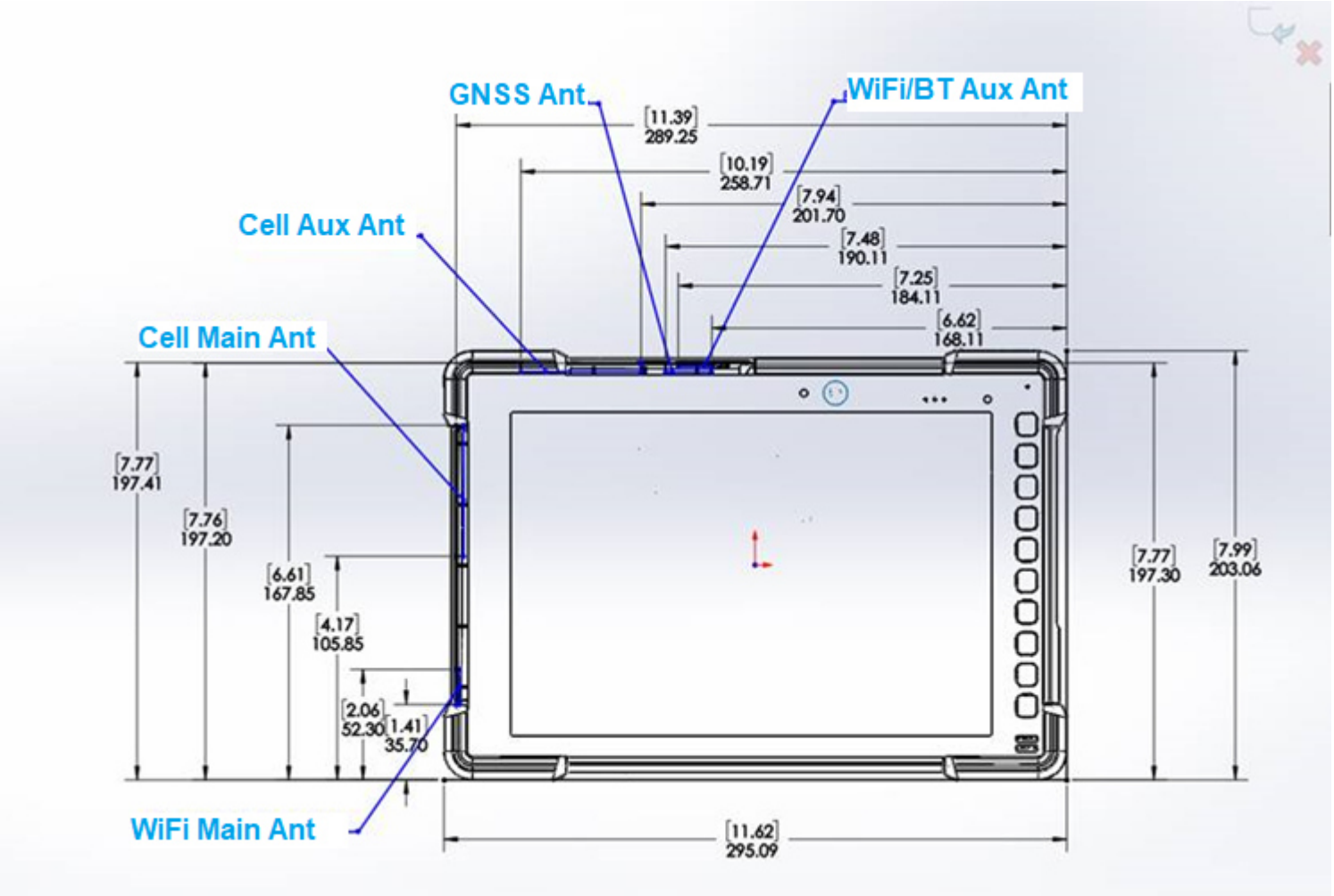
Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5725-5850	0.0

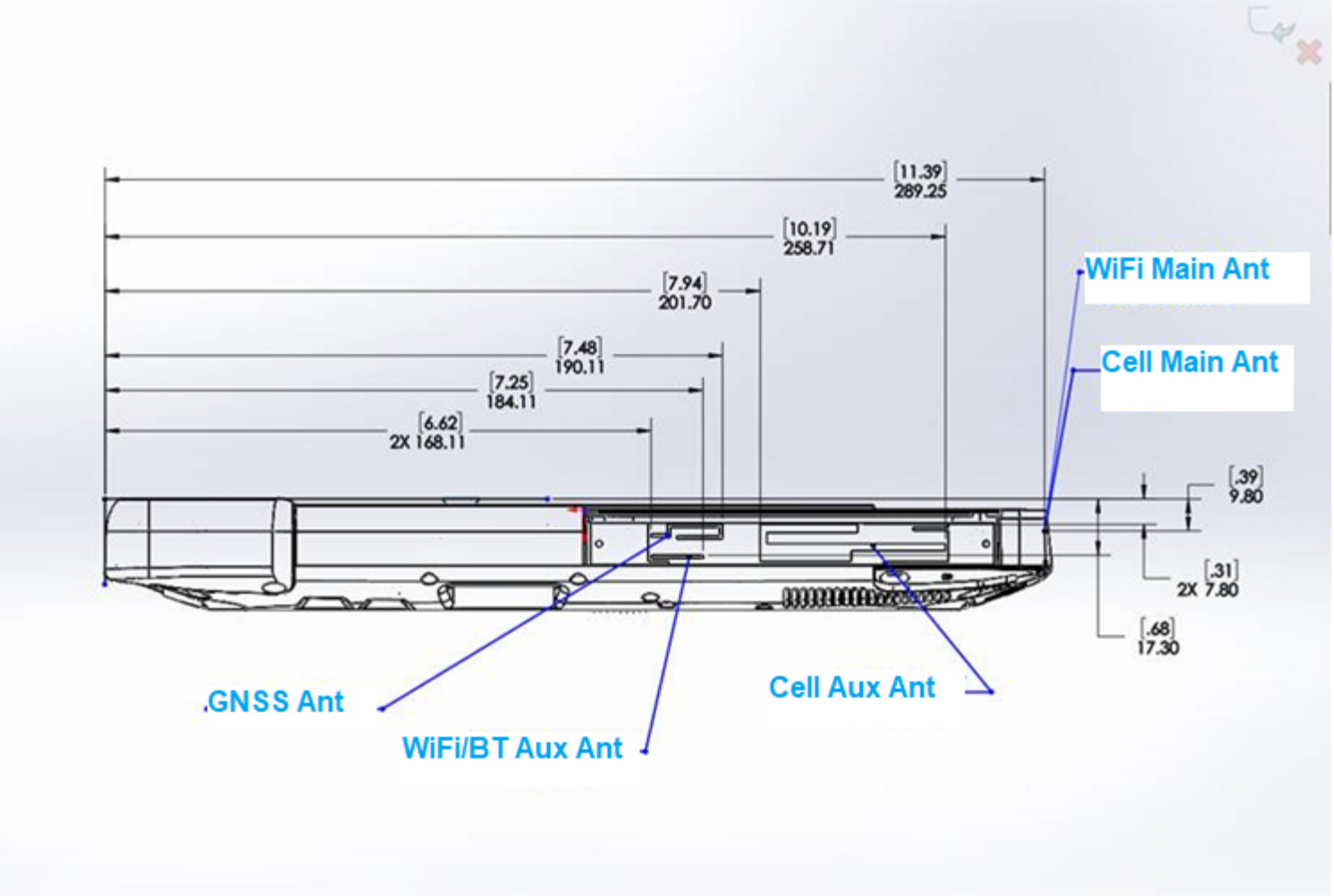


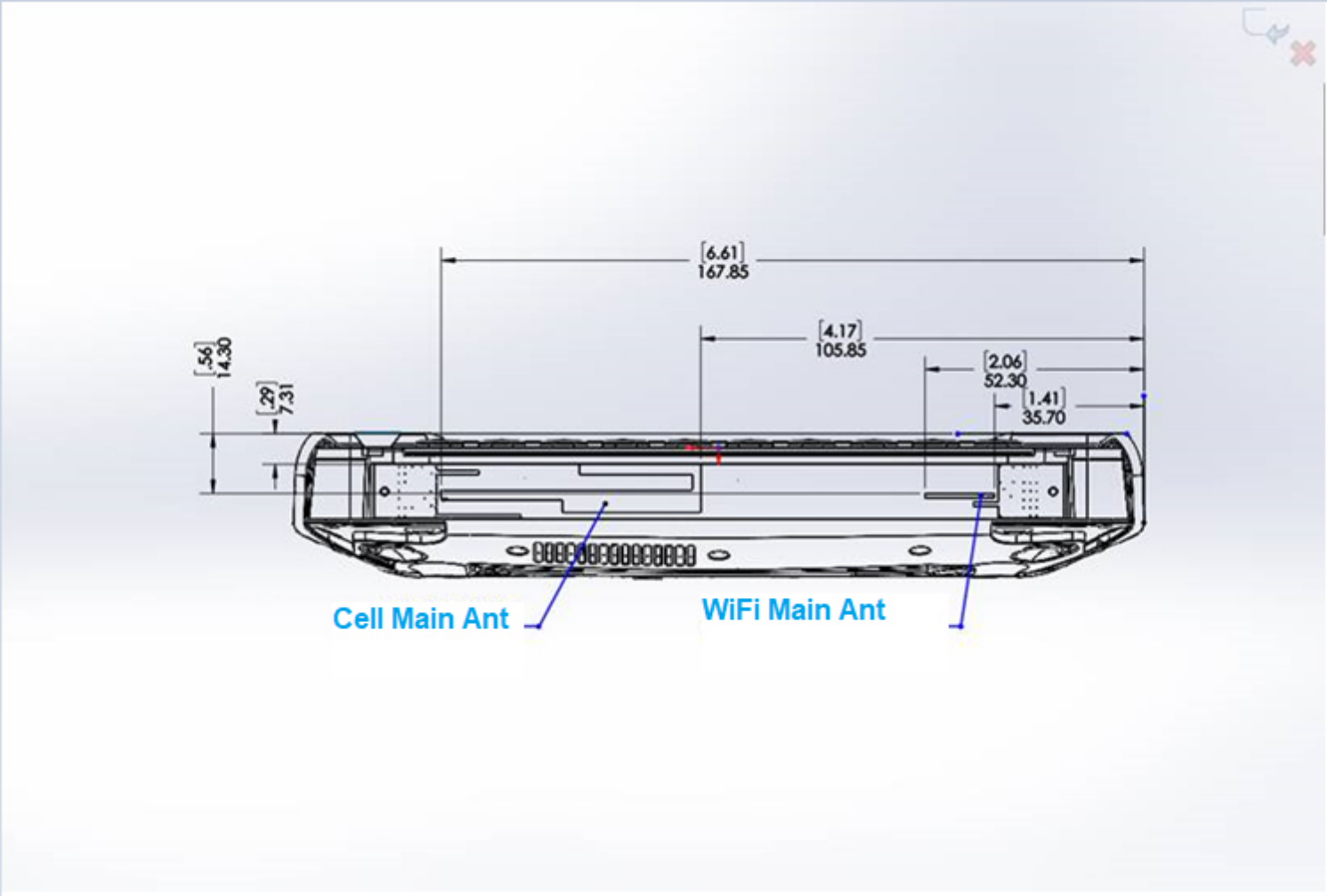
Section 4. Antenna Host Platform Location Information

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

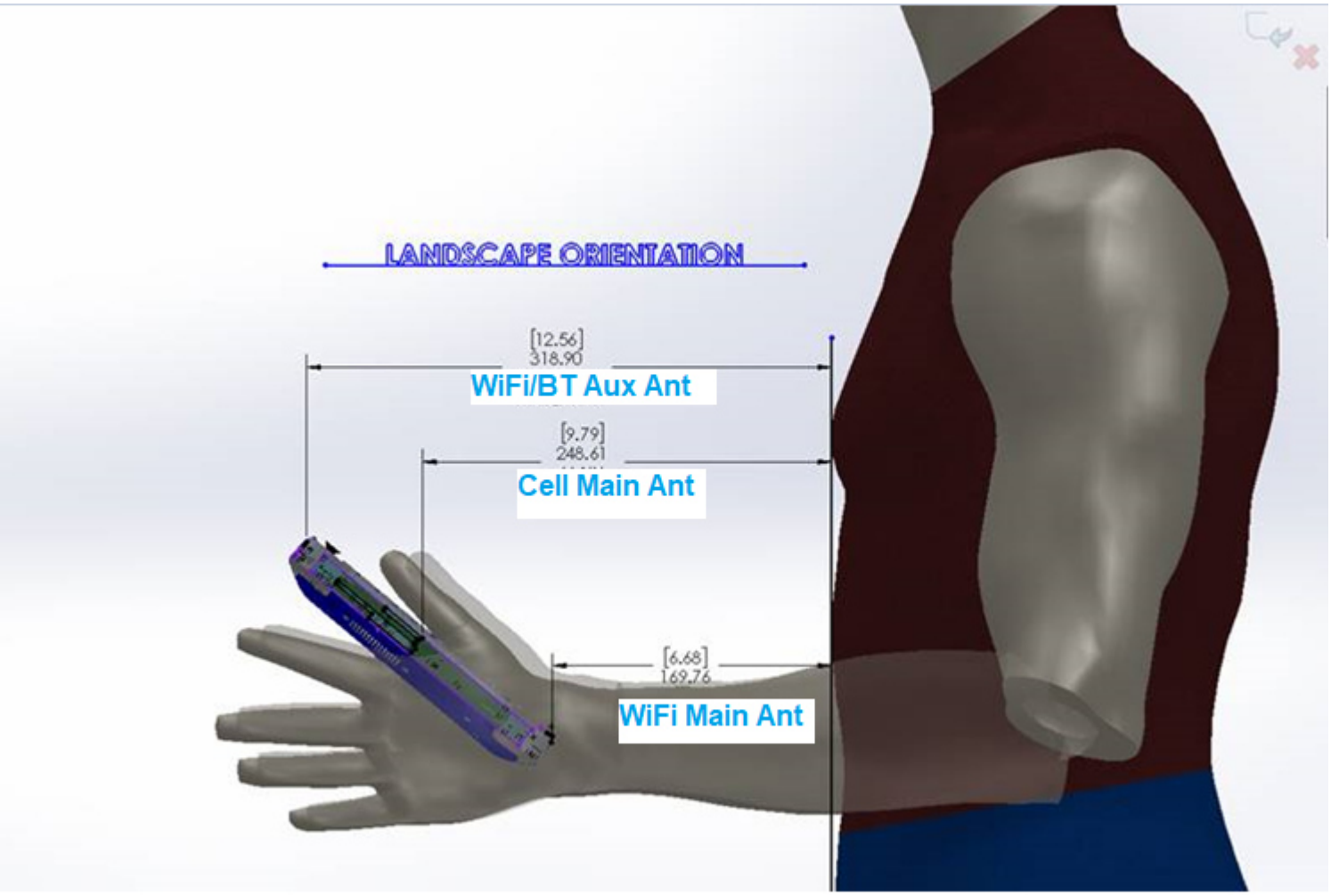


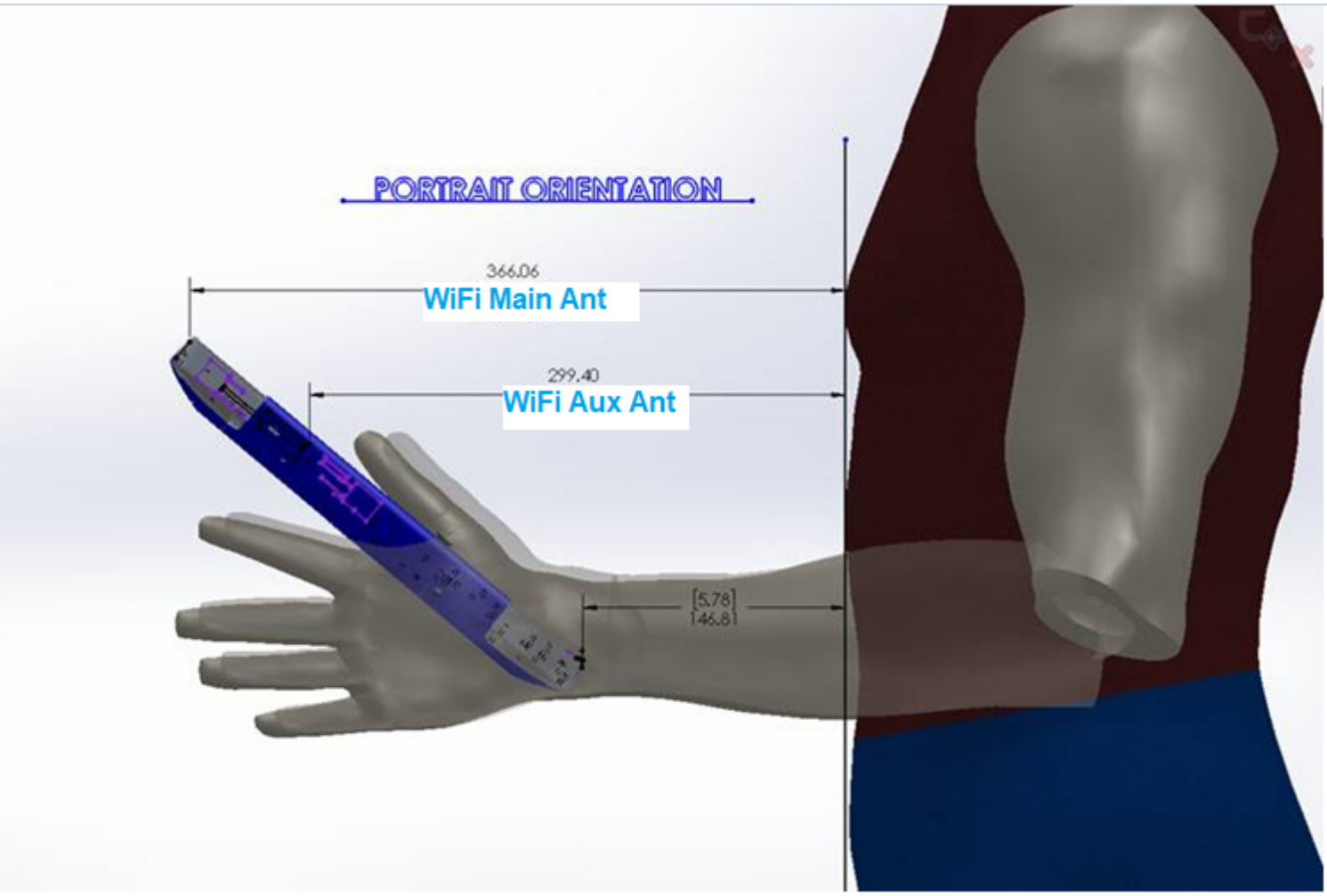

[11.39]
289.25
[10.19]
258.71
[7.94]
201.70
[7.48]
190.11
[7.25]
184.11
[6.62]
2X 168.11
[.39]
9.80
[.31]
2X 7.80
[.68]
17.30
WiFi Main Ant
Cell Main Ant
GNSS Ant
WiFi/BT Aux Ant
Cell Aux Ant

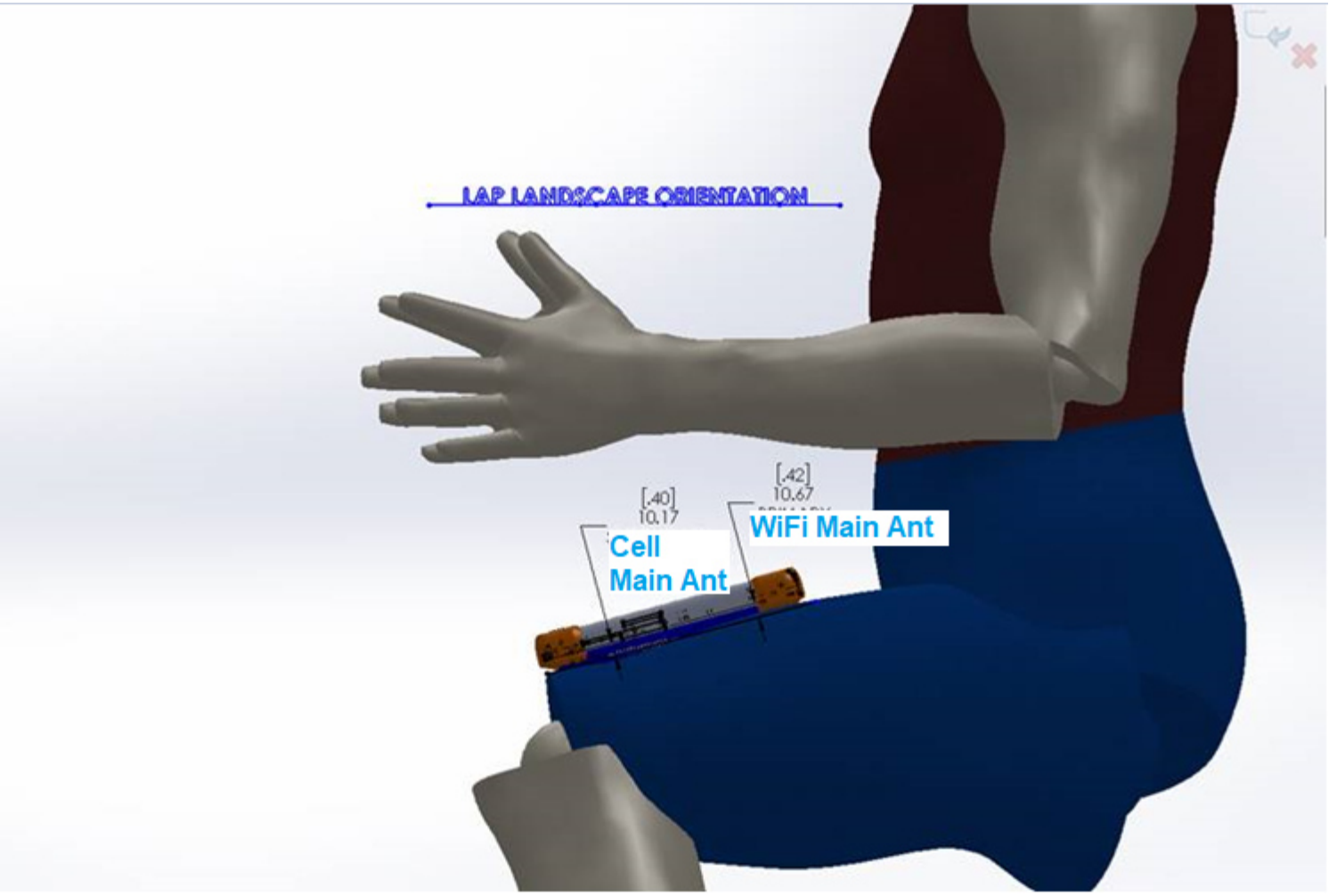


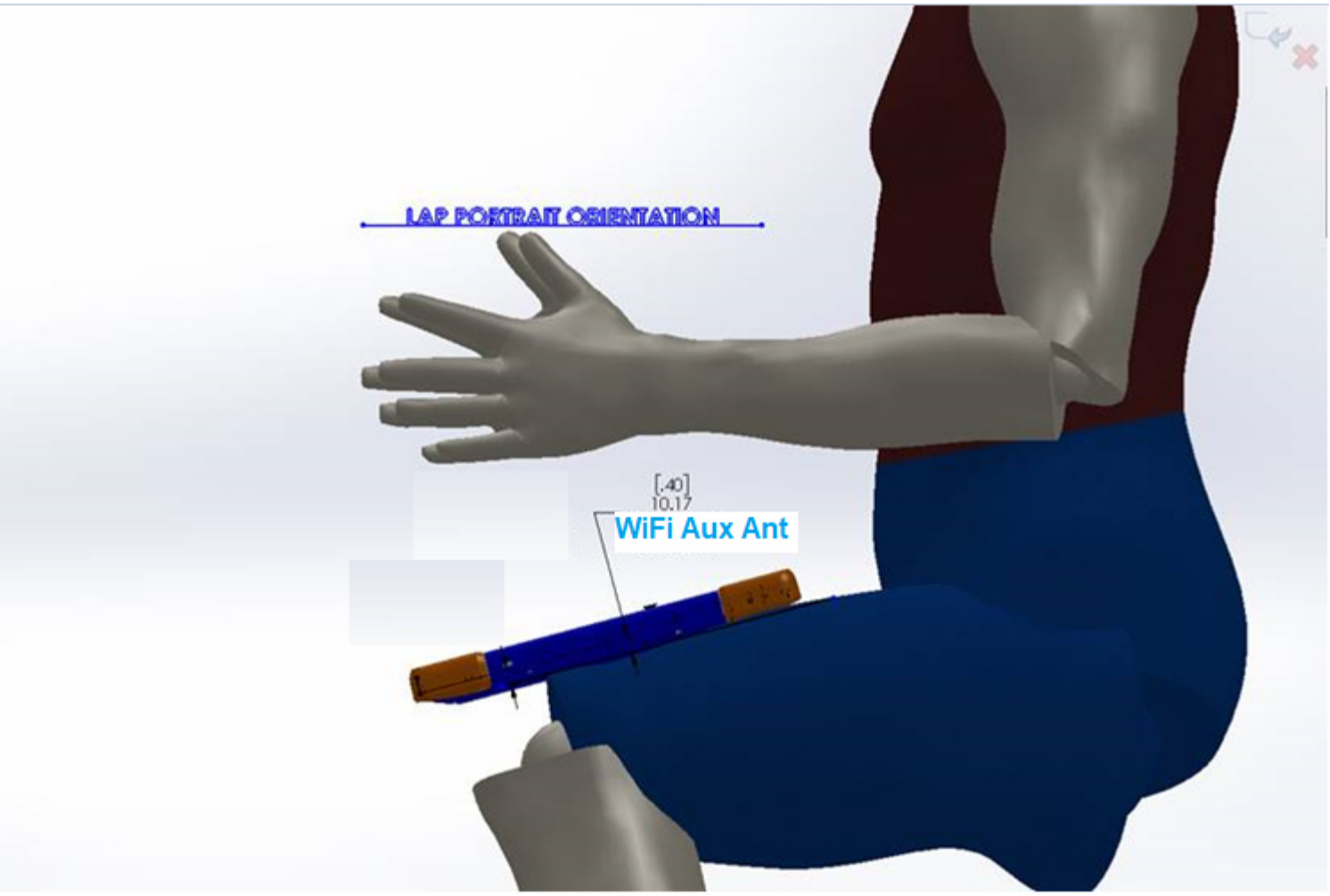
Section 5. Antenna dimensional information for SAR evaluation

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.


LANDSCAPE ORIENTATION
[12.56]
318.90
WiFi/BT Aux Ant
[9.79]
248.61
Cell Main Ant
[6.68]
169.76
WiFi Main Ant


PORTRAIT ORIENTATION
366.06
WiFi Main Ant
299.40
WiFi Aux Ant
[5.78]
146.8

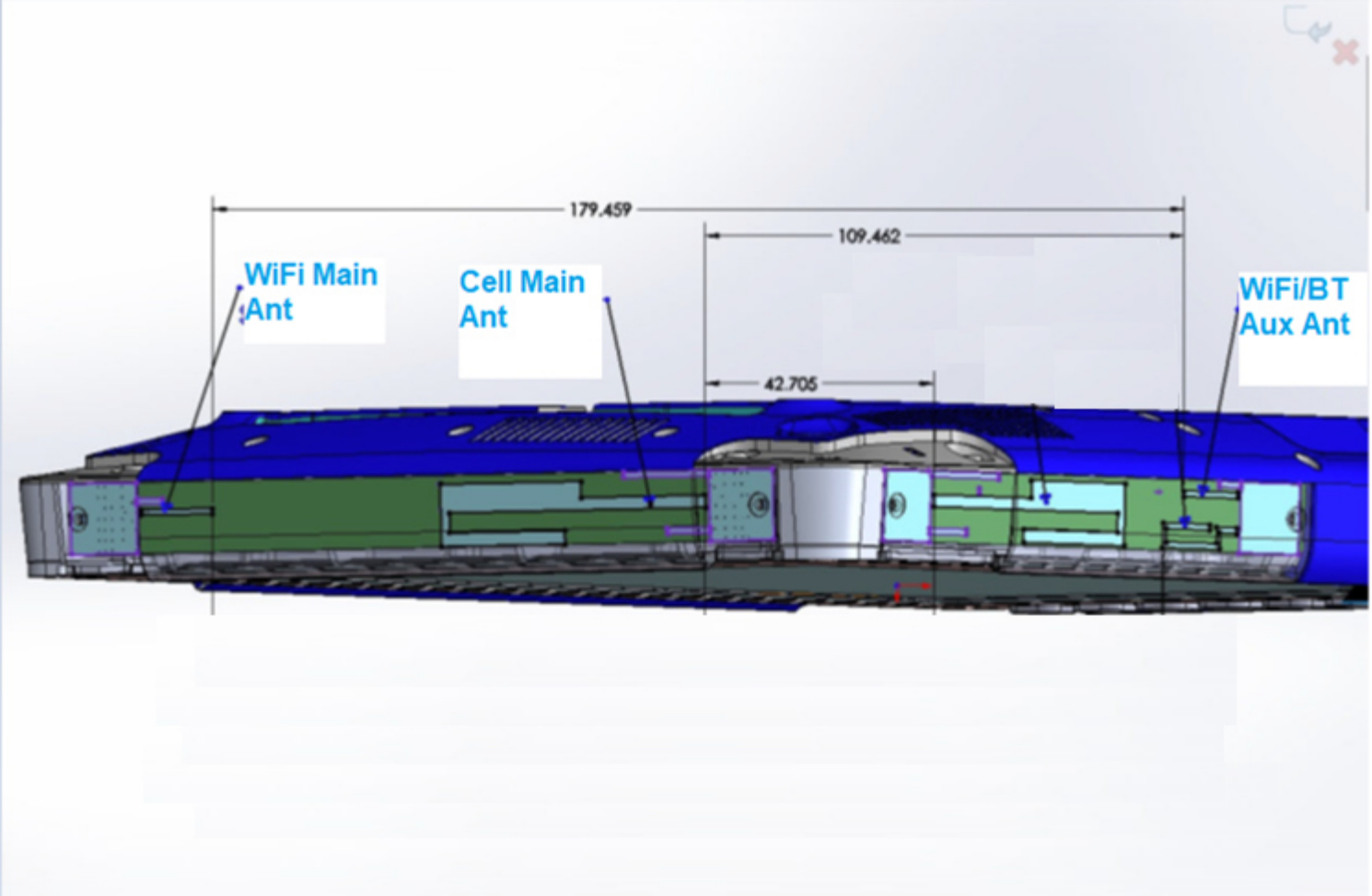

IAP LANDSCAPE ORIENTATION
[.40]
10.17
[.42]
10.67
Cell
Main Ant
WiFi Main Ant

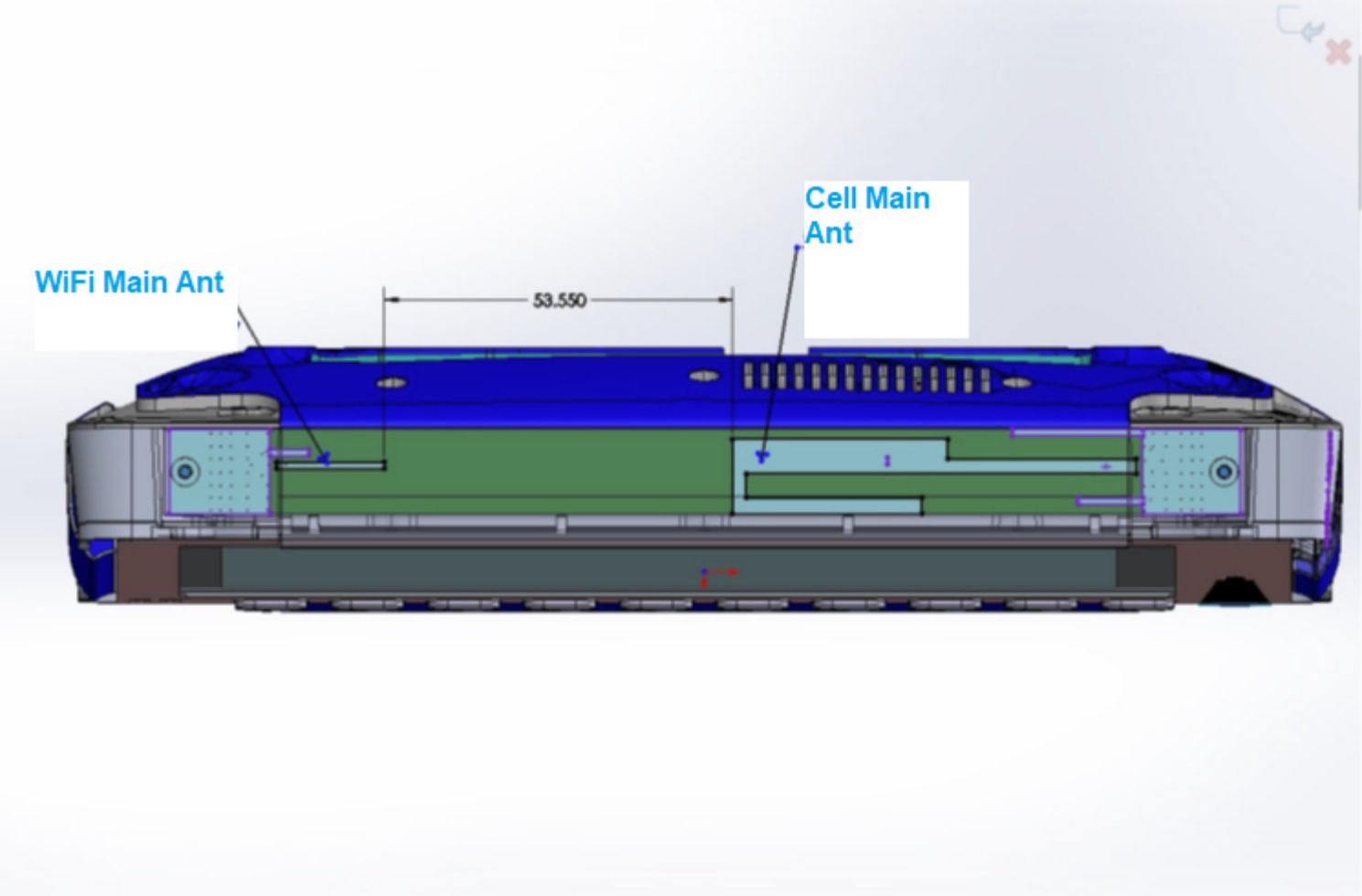

LAP PORTRAIT ORIENTATION
[.40]
10.17
WiFi Aux Ant

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)


179.459
109.462
42.705
WiFi Main Ant
Cell Main Ant
WiFi/BT Aux Ant


Cell Main Ant
WiFi Main Ant
53.550