ANTENNA INFORMATION

OEM	Lenovo
ODM	LCFC
Platform model name	ThinkBook Plus G5 Station
Intel platform (ex: Yes, No or NA)	Yes
Platform type (ex: regular NB, convertible PC, AIO…etc)	regular NB
SAR minimum separation (mm)	3.33

Antenna manufacturer	Company name	INPAQ
	Address	No.5, Chunqiu Road, Panyang Industrial Park, Huangdai Town, Xiangcheng Zone, Suzhou City 215143 ,Jiangsu Province, China
Test location	Company name	INPAQ
	Address	No.5, Chunqiu Road, Panyang Industrial Park, Huangdai Town, Xiangcheng Zone, Suzhou City 215143 ,Jiangsu Province, China
Test Personnel	Name(Full name)	Dongchen.Liu
	E-mail	<dongchen.liu@inpaqgp.com>
	Tel/Mobile	13862041292
Testing date		2024.02.19

Antenna Part number	Main	DC330023F00
	Aux	DC330023F10
Antenna type (ex: PIFA, Dipole…etc)		**PIFA**

Antenna Peak gain w/ cable loss (dBi)*

	2.4GHz 2400-2483.5 MHz	**5.2GHz** 5150-5250MHz	**5.3GHz** 5250-5350MHz	**5.6GHz** 5470-5725MHz	**5.8GHz** 5725-5850MHz	**5.9GHz** 5850-5895MHz	**6.2GHz** 5925-6425MHz	**6.5GHz** 6425-6525MHz	**6.7GHz** 6525-6875MHz	**7.0 GHz** 6875-7125MHz
Main	0.84	1.54	1.54	1.71	0.83	0.20	1.12	-0.51	-0.97	-1.75
Aux	-0.94	0.35	0.27	0.61	0.55	0.55	-0.05	-0.66	-1.78	-1.86

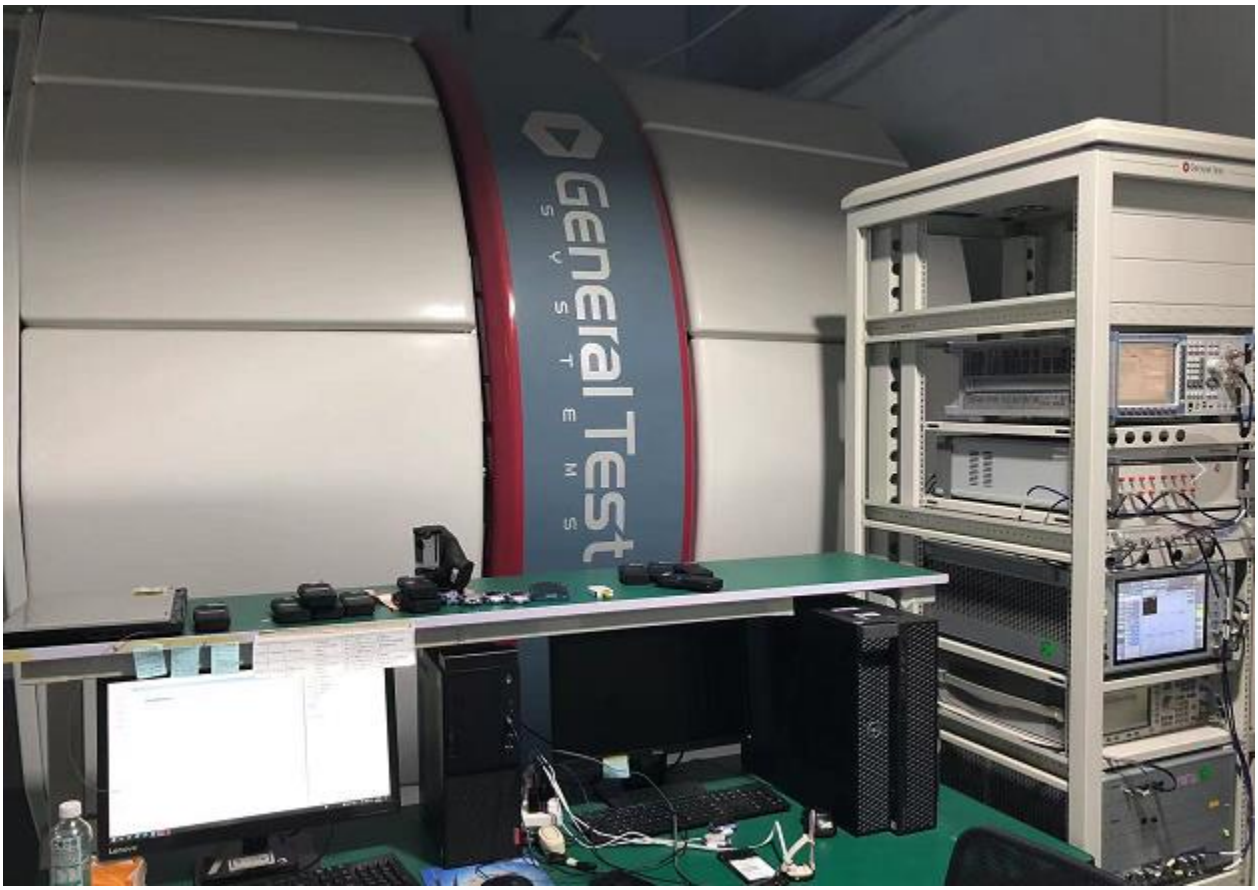
Cable Assembly Part Number and Information

	Cable PN	**Cable length**(mm)	**Cable diameter**(mm)	**Impedance**(ohm)	**Connector type**
Main	**SY113L/50-048**	**197**	**OD 1.13**	**50**	**I-pex**
Aux	**SY113L/50-050**	**418**	**OD 1.13**	**50**	**I-pex**

* 3D Antenna Peak Gain required being test in system basis.

Annex A. Photographs

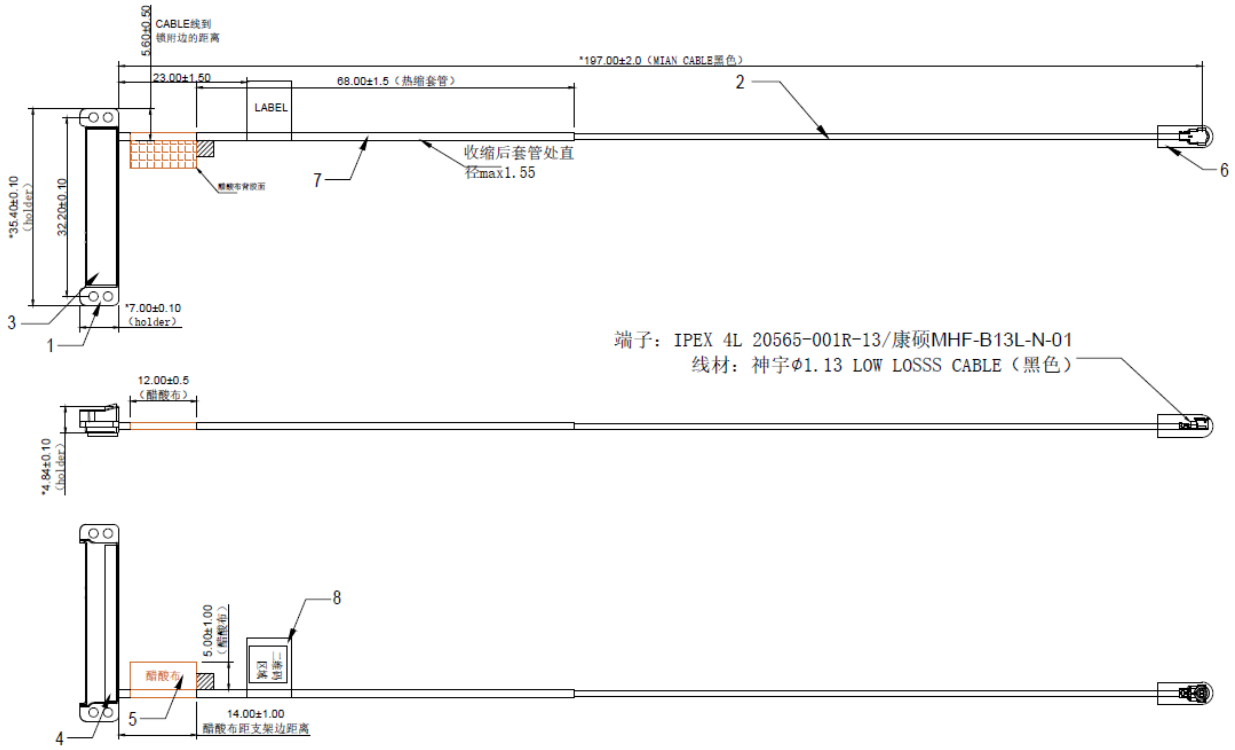
A.1 Setup Photo

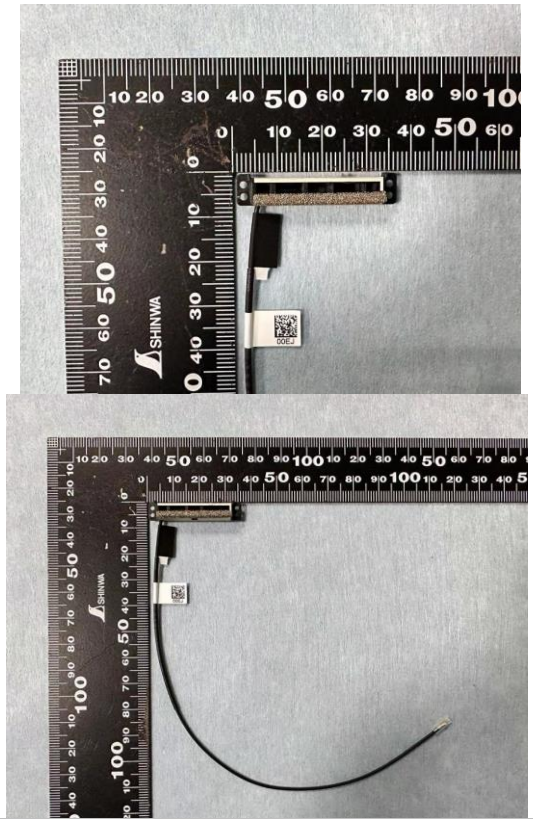
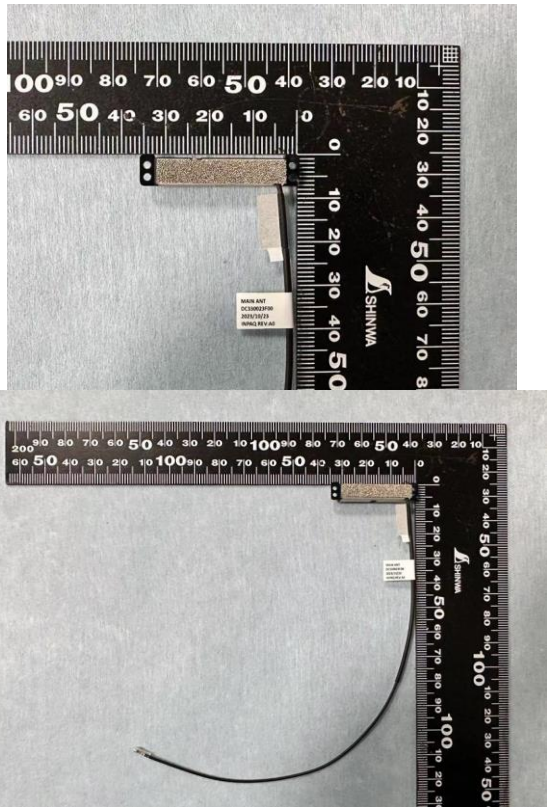


A.2 Test sample

Main Antenna

Antenna Drawing

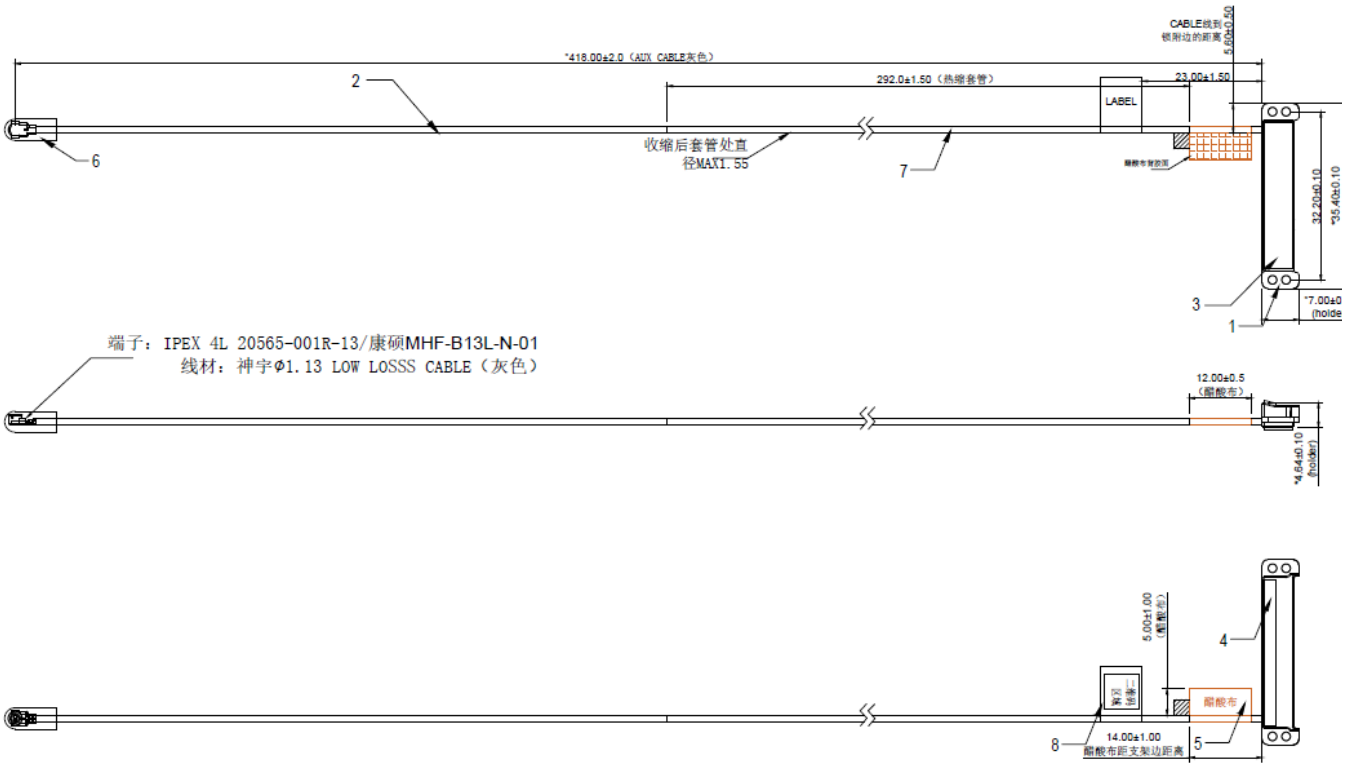


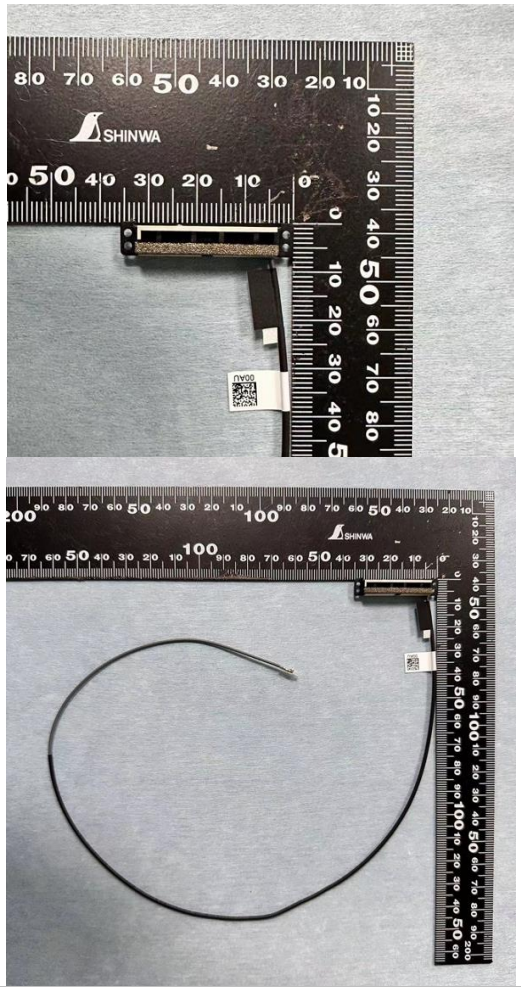
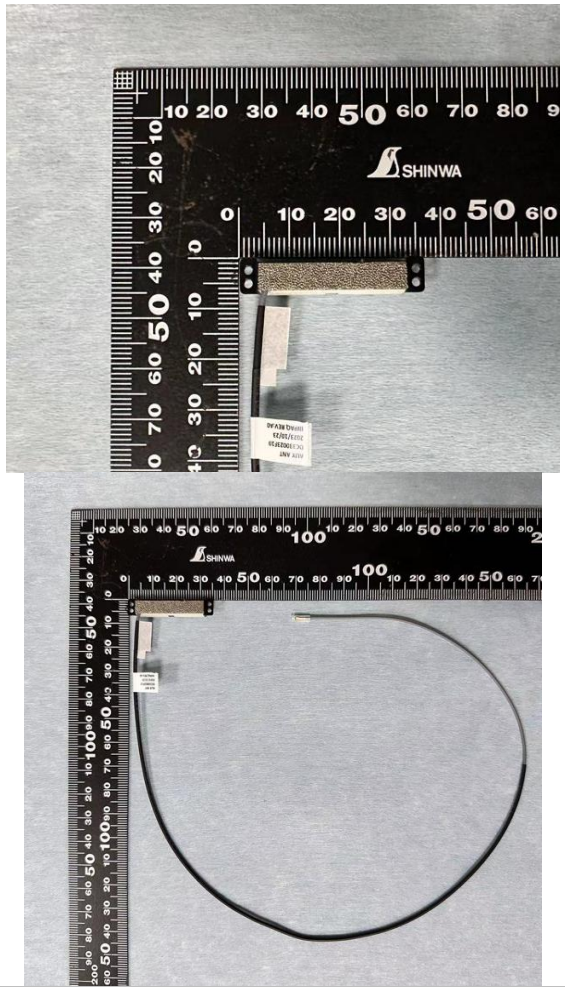
Antenna Photo	
Front	Back
	

Note: antenna photo should include L type ruler

Aux Antenna

Antenna Drawing



Antenna Photo	
Front	Back
	

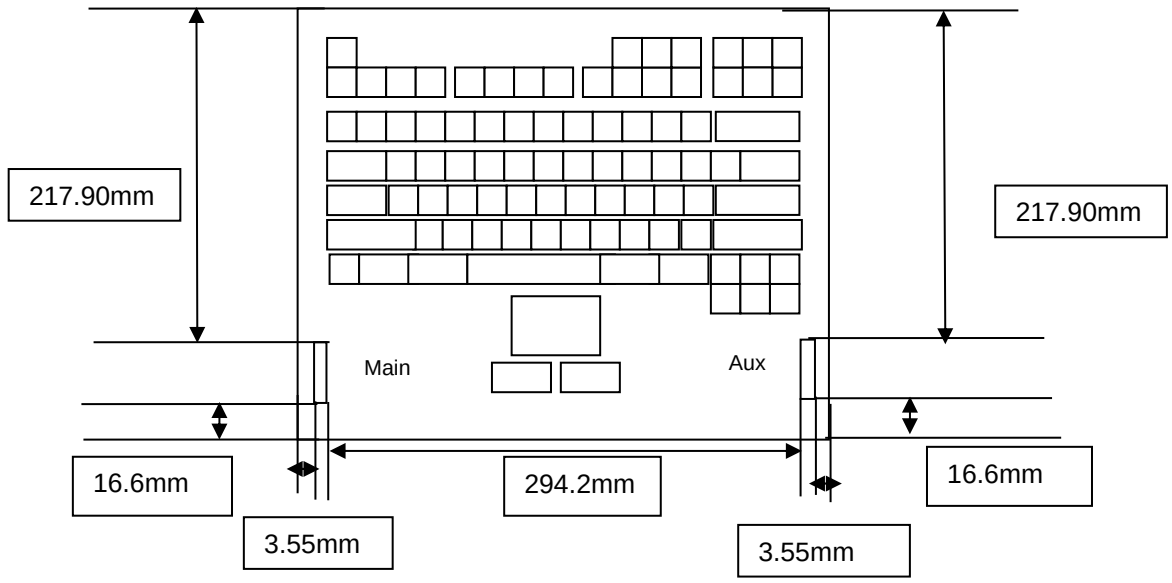
Note: antenna photo should include L type ruler

Annex B. Antenna Location

B.1 Antenna Host Platform Location Information

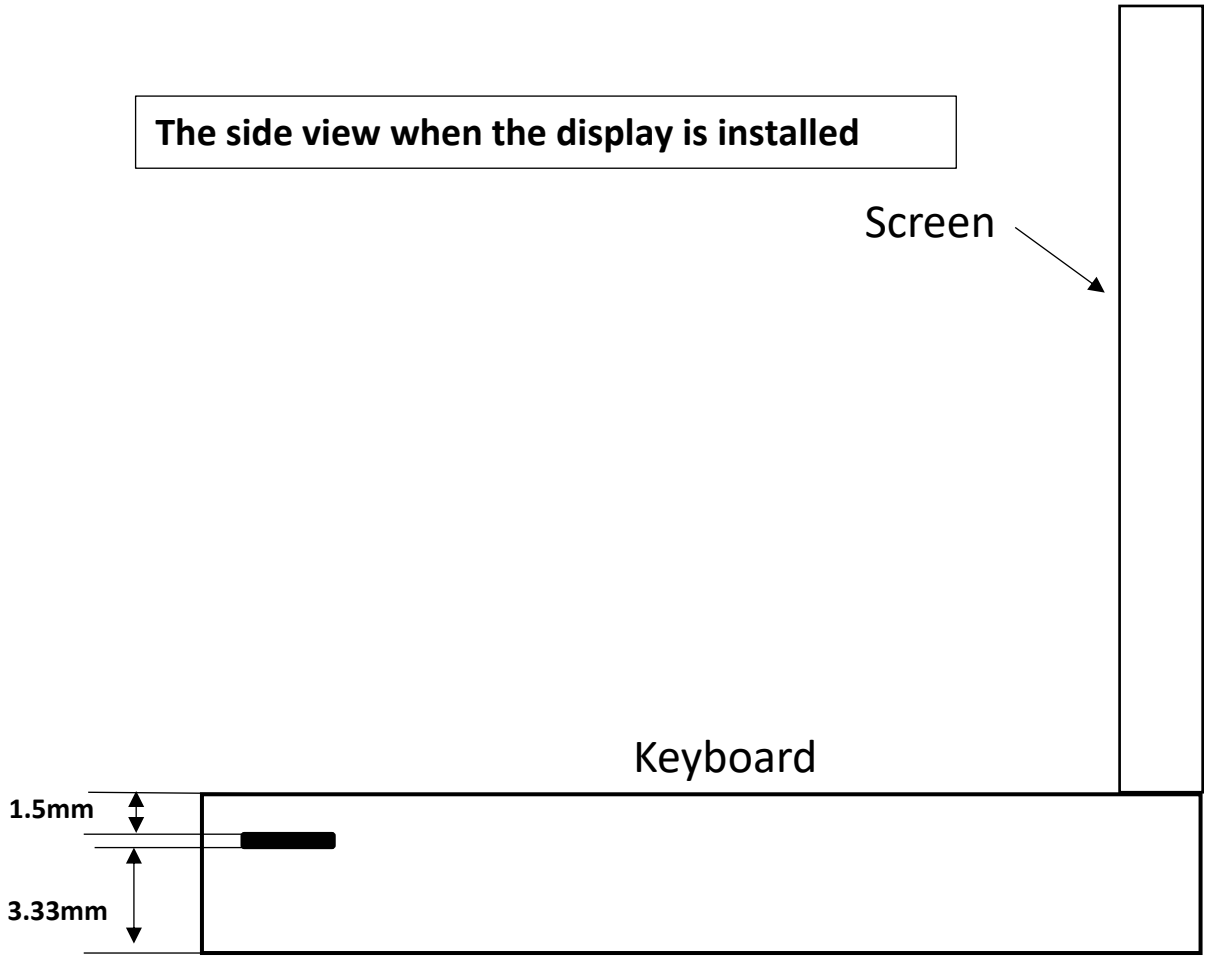
Include a dimensioned photo(s) or dimensioned drawing(s) of Main and Aux antenna placements (measurements are not required for receive-only antenna).

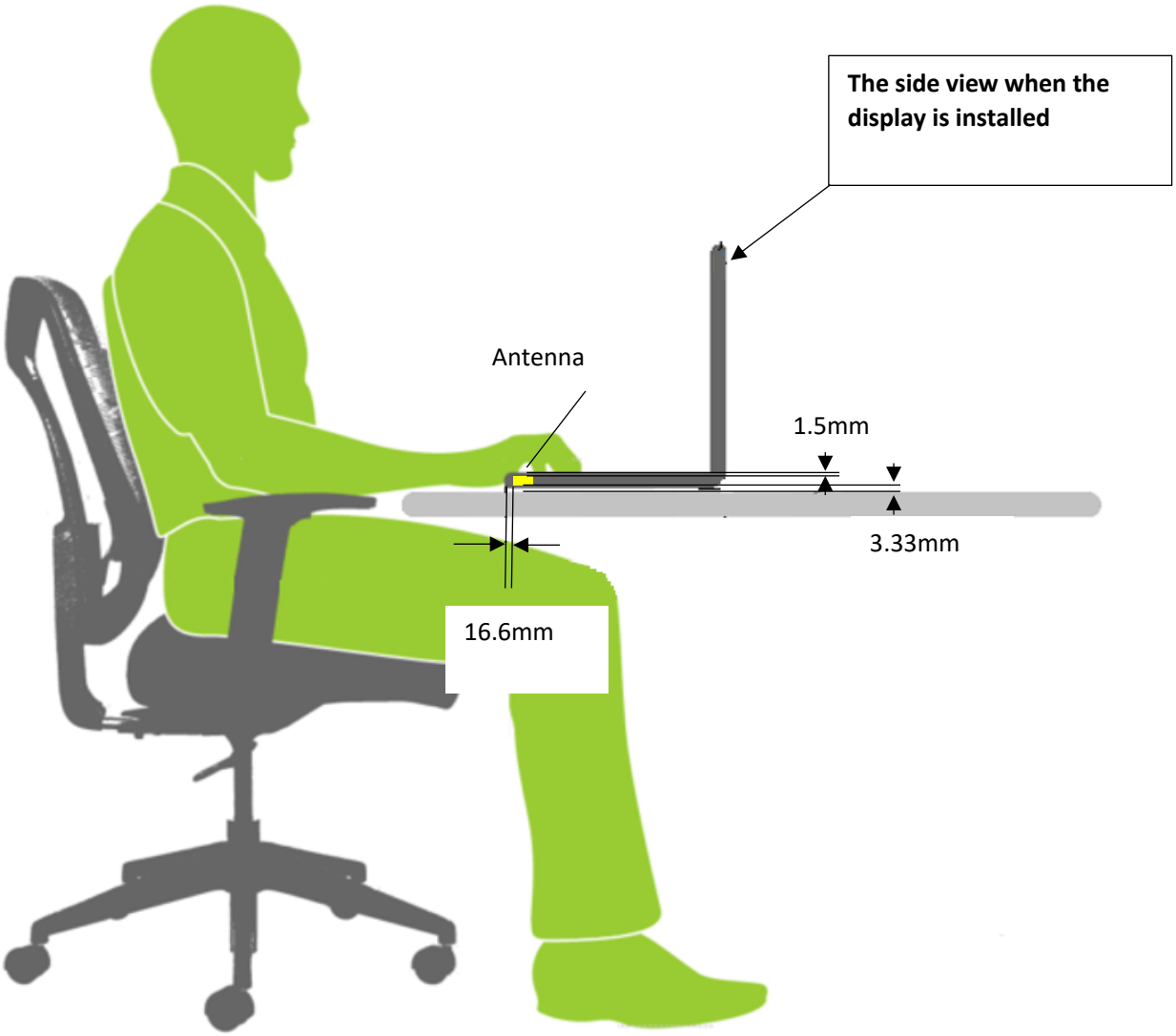
Any antenna that transmits must show dimensions to bottom of laptop. Provide a description of the materials that are used for supporting or surrounding transmit antennas; for example, non-conductive plastics vs. conductive coated plastic or metallic materials.



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.




The side view when the display is installed
Antenna
1.5mm
3.33mm
16.6mm