ANTENNA INFORMATION

OEM		Lenovo
ODM		LCFC
Platform model name		Yoga Book 9 14IAH10
Intel platform (ex: Yes, No or NA)		Yes
Platform type (ex: regular NB, convertible PC, AIO…etc)		Convertible PC
SAR minimum separation (mm)	FCC (1g)	NB Mode : 4.4mm ;Pad Mode : 3.06mm
	ISED (1g)	NB Mode : 3.06mm ;Pad Mode : 3.06mm
	ISED (10g)	3.06mm

Antenna manufacturer	Company name	Luxshare-ict
	Address	No. 277, Baisheng Road, Jinxi Town, Kunshan City, Suzhou
Test location	Company name	Luxshare-ict
	Address	No. 277, Baisheng Road, Jinxi Town, Kunshan City, Suzhou
Test Personnel	Name(Full name)	Fei.Luo
	E-mail	Fei.Luo@luxshare-ict.com
	Tel/Mobile	13235167216
Testing date		2024/12/14

Antenna Part number	Main	DC330027F00
	Aux	DC330027F10
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	0.92	0.15	0.66	1.05	0.97	0.97	1.74	2.10	2.32	2.90
Aux	1.31	0.80	1.32	1.96	0.89	1.48	1.54	1.75	2.00	2.69

Cable Assembly Part Number and Information					
	Cable PN	**Cable length**(mm)	**Cable diameter**(mm)	**Impedance**(ohm)	**Connector type**
Main	SY113L/50-001	289.5	1.13	50	IPEX
Aux	SY113L/50-003	237.5	1.13	50	IPEX

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

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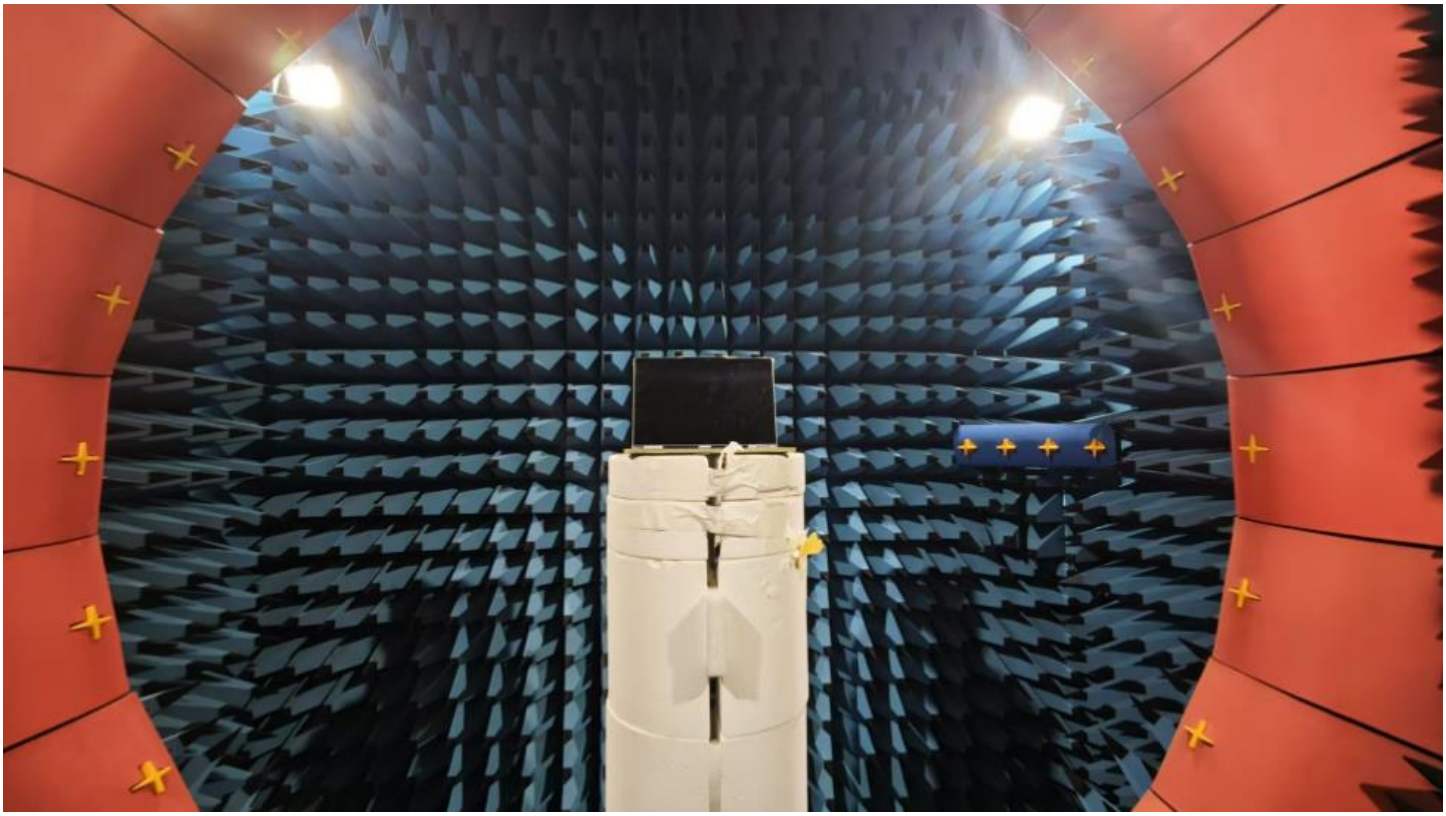
Annex A. Photographs

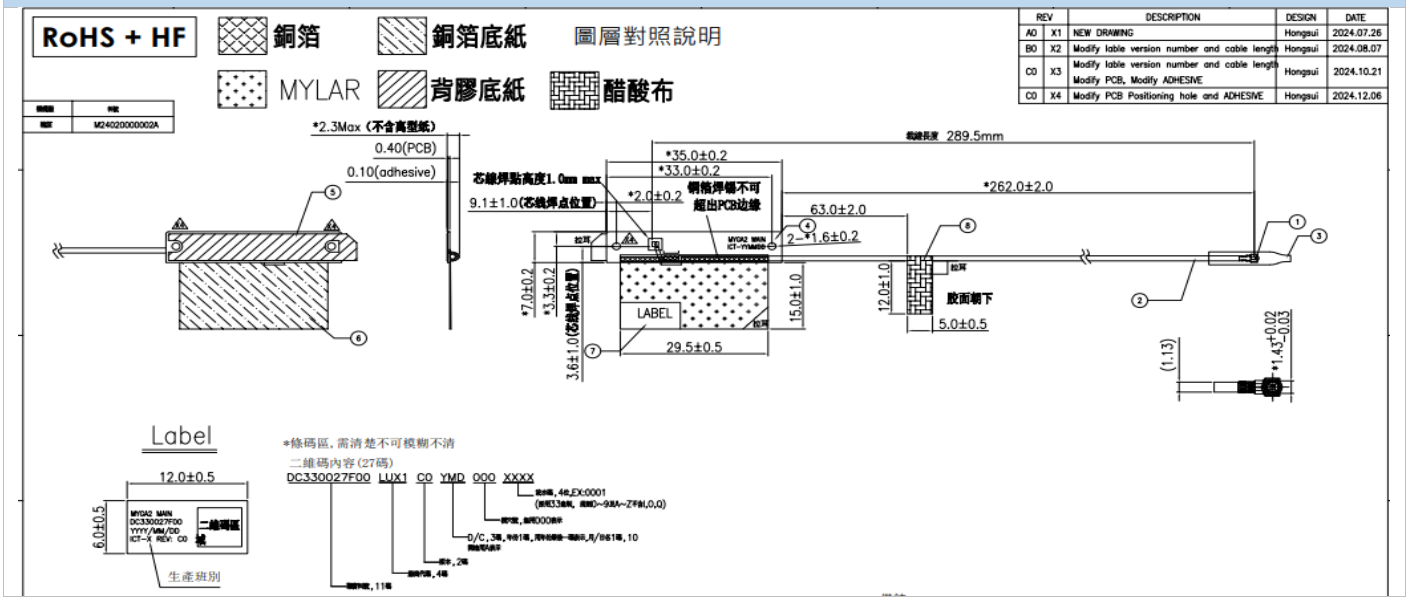
A.1 Setup Photo



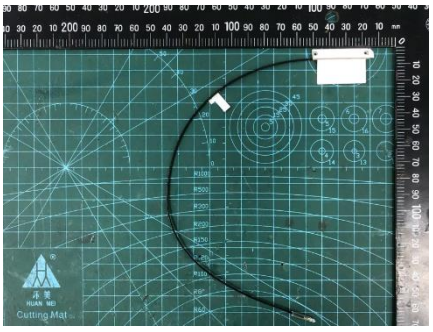
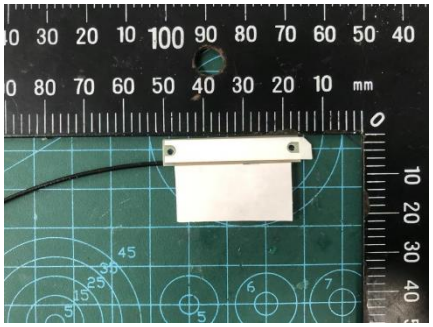
A.2 Test sample

Main Antenna

Antenna Drawing

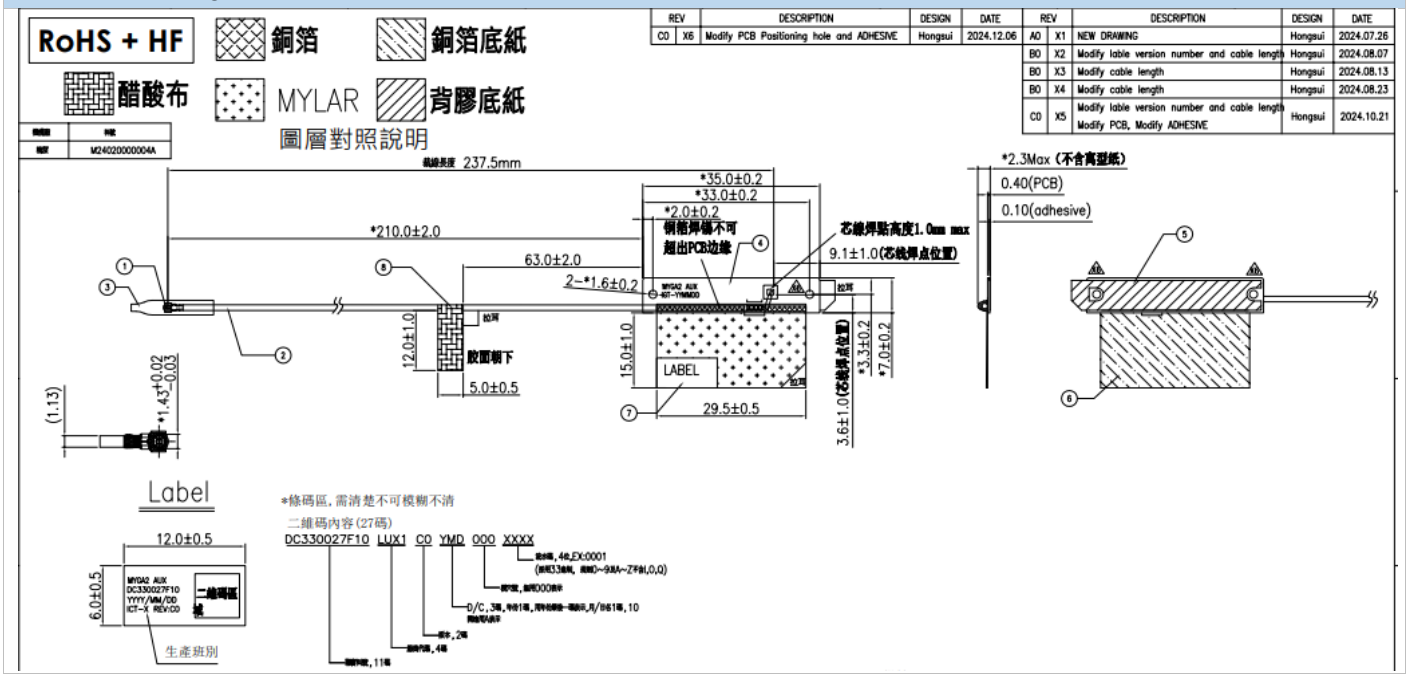


Antenna Photo

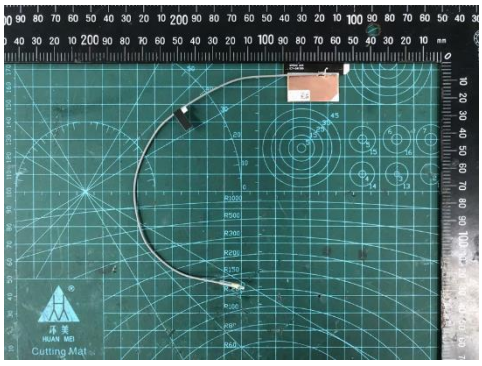
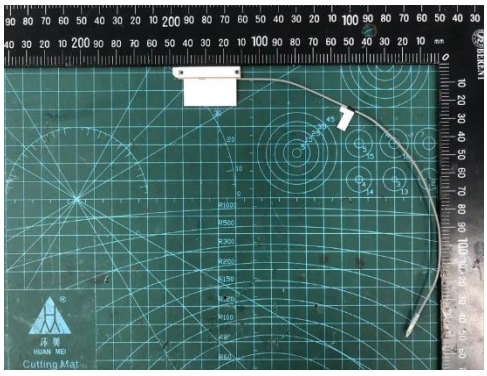
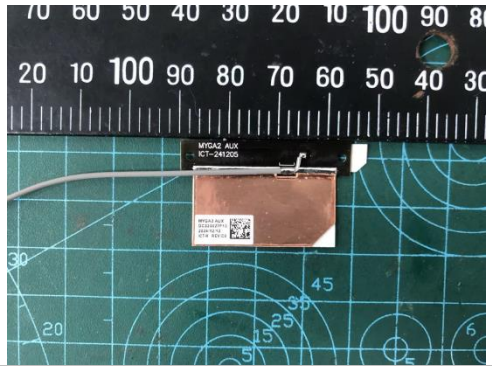
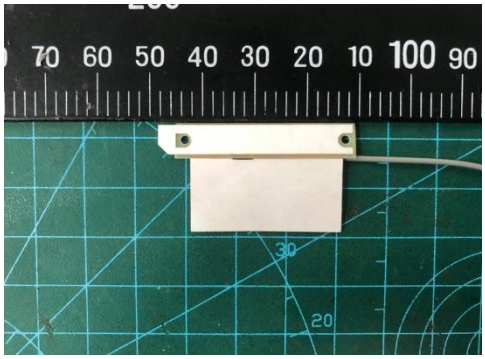
Front	Back
	
	

Aux Antenna

Antenna Drawing



Antenna Photo

Front	Back
	
	

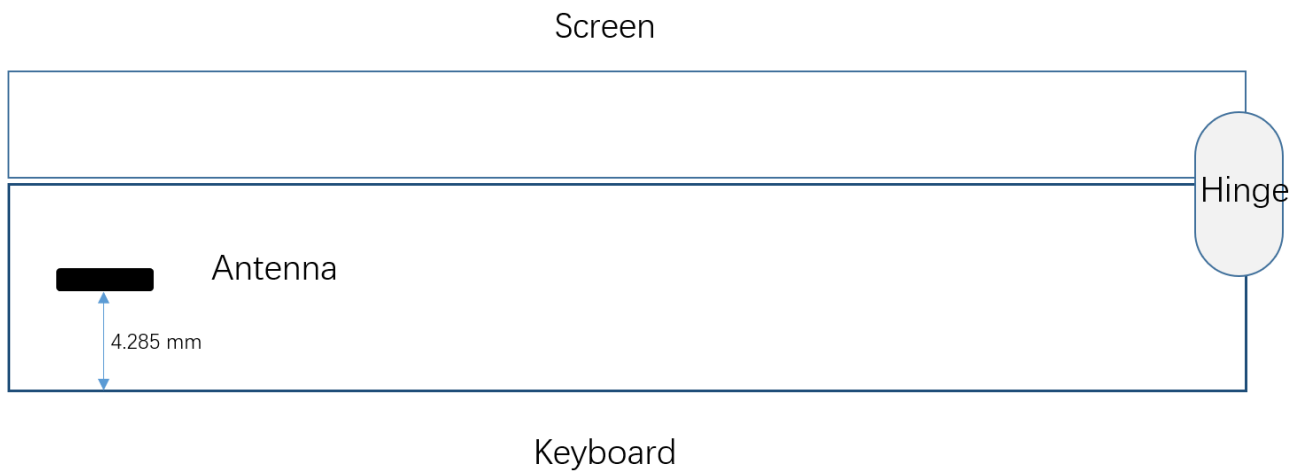
Annex B. Antenna Location

B.1 Antenna Host Platform Location Information

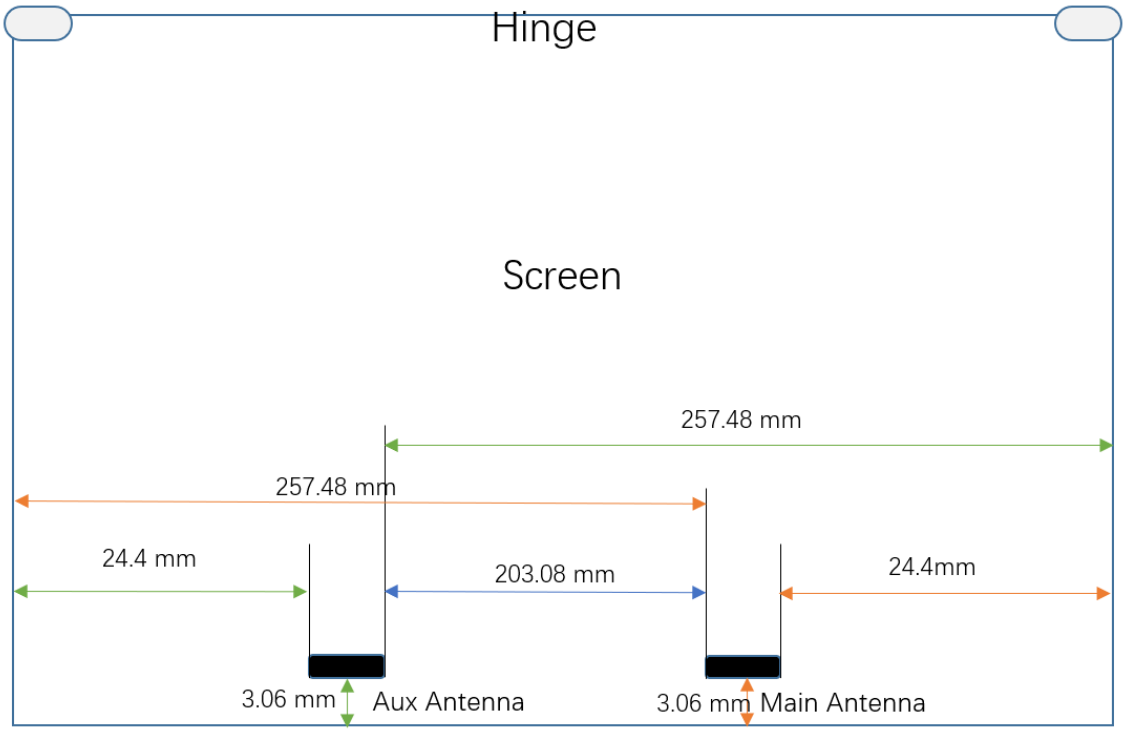
Include a dimensioned photo(s) or dimensioned drawing(s) of Main and Aux antenna placements (measurements are not required for receive-only antenna).

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.

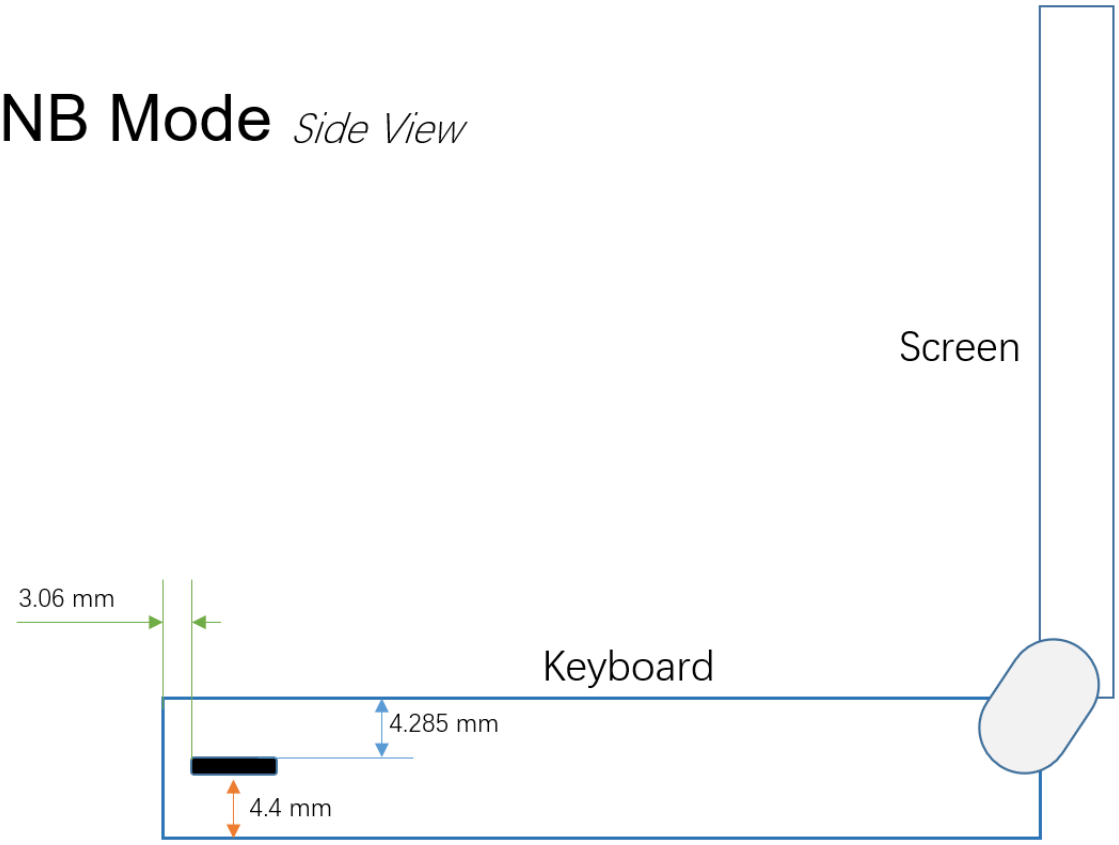
Tablet Mode *Side View*



Tablet Mode *Front View*



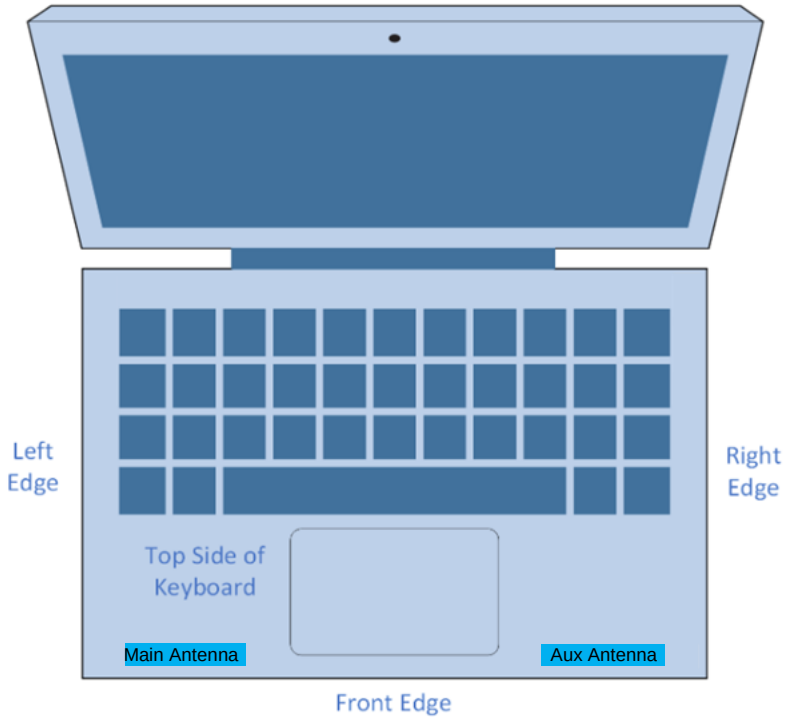
NB Mode *Side View*



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.

Antennas on the keyboard section



Measuring Surface	Antenna	Separation Distance(antenna-to-Surface)(mm)	1g or 10g SAR
Bottom Side	Main	**4.4**	1g (FCC/ISED)
	Aux	**4.4**	1g (FCC/ISED)
Front Edge	Main	**3.06**	1g (ISED)
	Aux	**3.06**	1g (ISED)
Left Edge	Main	**257.48**	10g (ISED)
	Aux	**24.4**	10g (ISED)
Right Edge	Main	**24.4**	10g (ISED)
	Aux	**257.48**	10g (ISED)
Top side of Keyboard	Main	**4.285**	10g (ISED)
	Aux	**4.285**	10g (ISED)