

ANTENNA INFORMATION

OEM	Lenovo
ODM	Huaqin Technology Co.,Ltd.
Platform model name	Yoga 7 2-in-1 14ILL10
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) 2.65mm
	ISED (1g) 2.65
	ISED (10g) N/A

Antenna manufacturer	Company name	Luxshare-ICT
	Address	Block A,SANYO New Industrial Zone, West HaoYi,Shajing, Bao'an,Shenzhen, 518104, China.
Test location	Company name	Luxshare-ICT
	Address	Block A,SANYO New Industrial Zone, West HaoYi,Shajing, Bao'an,Shenzhen, 518104, China.
Test Personnel	Name(Full name)	Huaiyang Zou
	E-mail	Huaiyang.Zou@luxshare-ict.com
	Tel/Mobile	16620809787
Testing date		2024/9/23

Antenna Part number	Main	L01RF454-NB-H
	Aux	L01RF453-NB-H
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	-1.29	0.06	-0.35	2.4	2.64	2.64	2.72	2.74	2.27	2.93
Aux	-0.01	2.58	2.58	1.98	1.13	1.49	2.08	1.28	1.81	1.22

Cable Assembly Part Number and Information					
	Cable PN	Cable length(mm)	Cable diameter(mm)	Impedance(ohm)	Connector type
Main	I-PEX(20565-001R-13)	277	1.13	50	IPEX4
Aux	I-PEX(20565-001R-13)	82	1.13	50	IPEX4

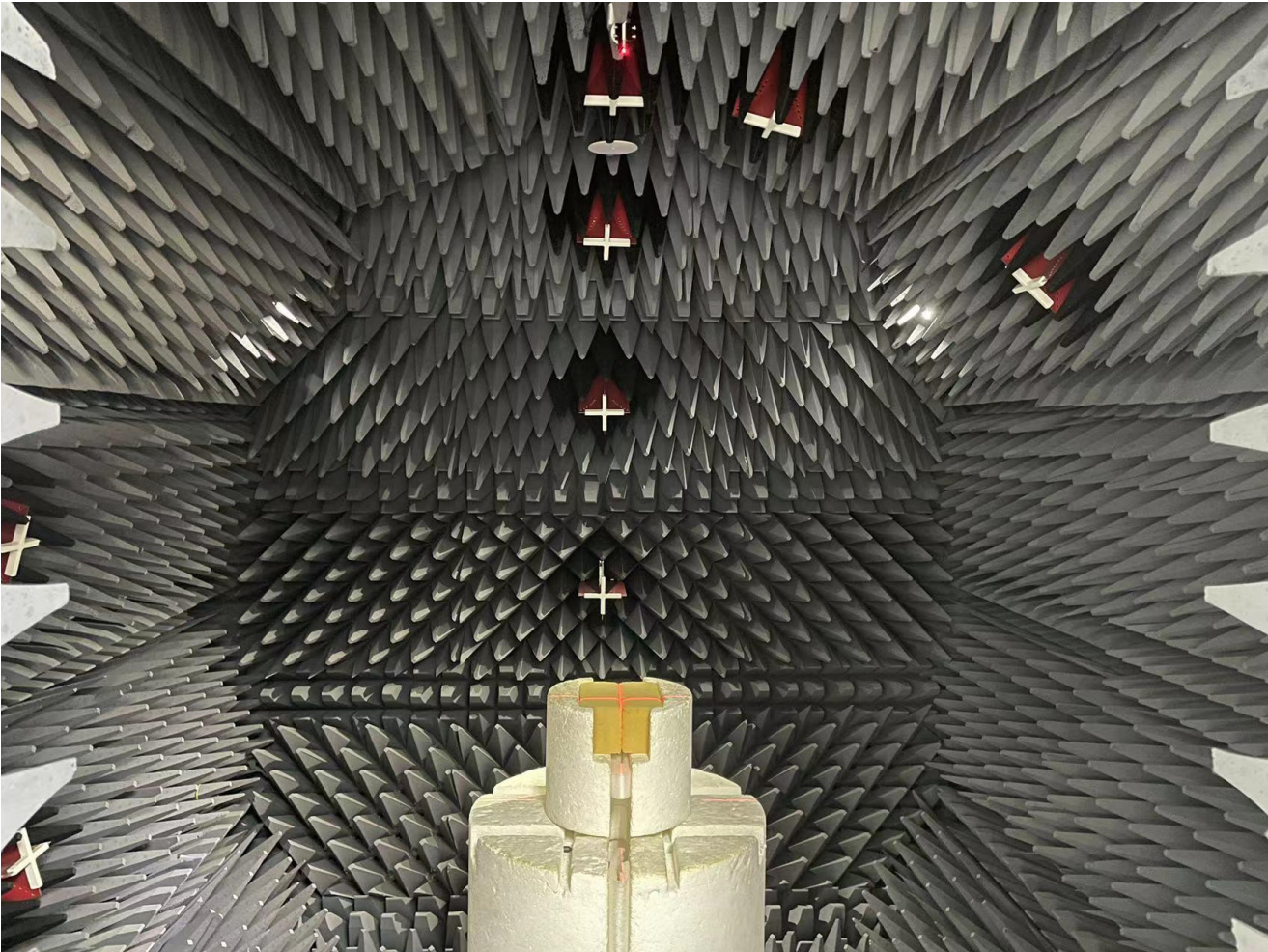
* 3D Antenna Peak Gain required being test in system basis.

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Annex A. Photographs

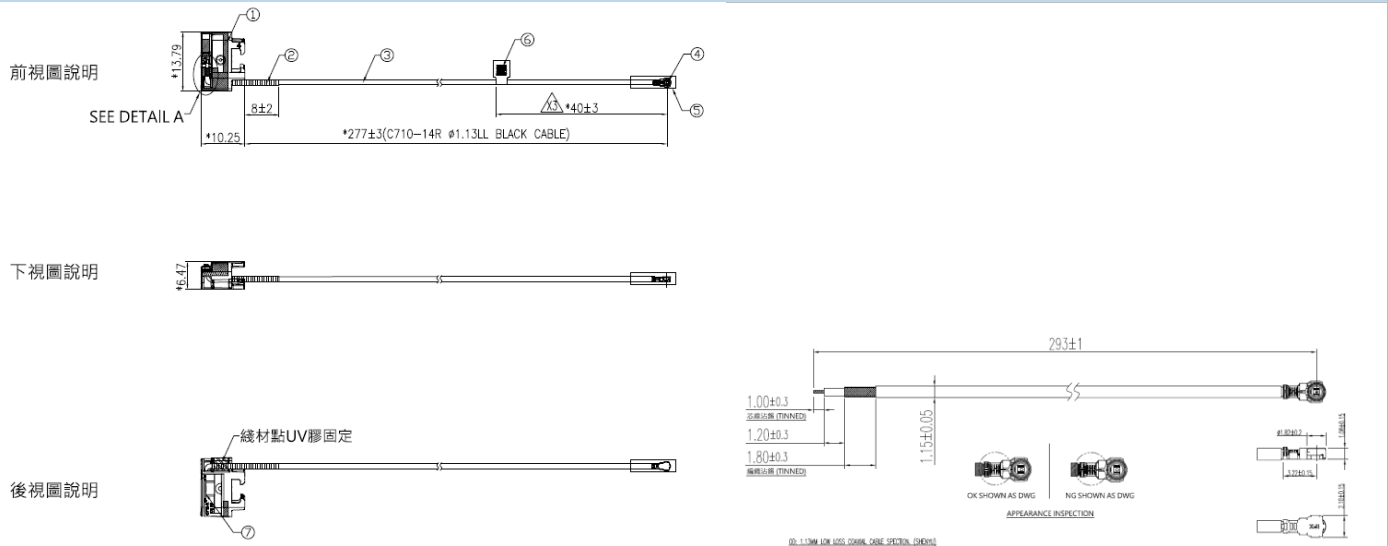
A.1 Setup Photo



A.2 Test sample

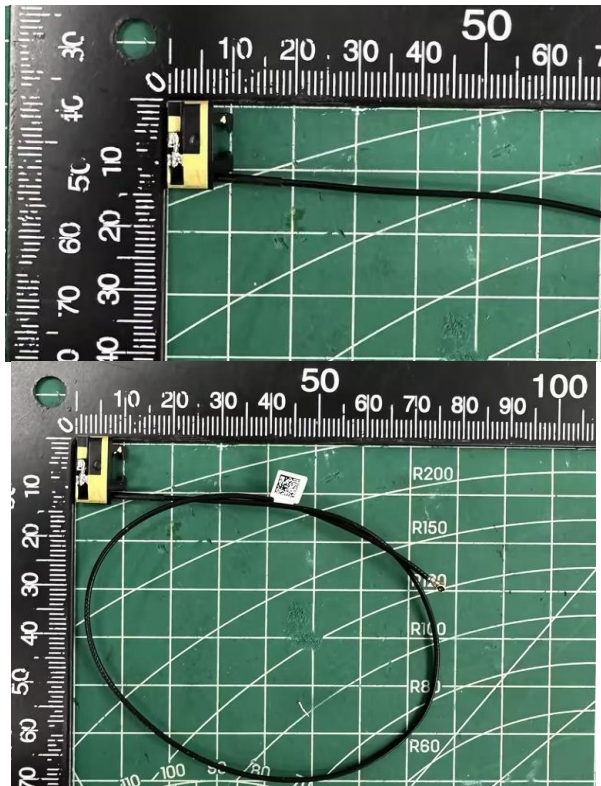
Main Antenna

Antenna Drawing

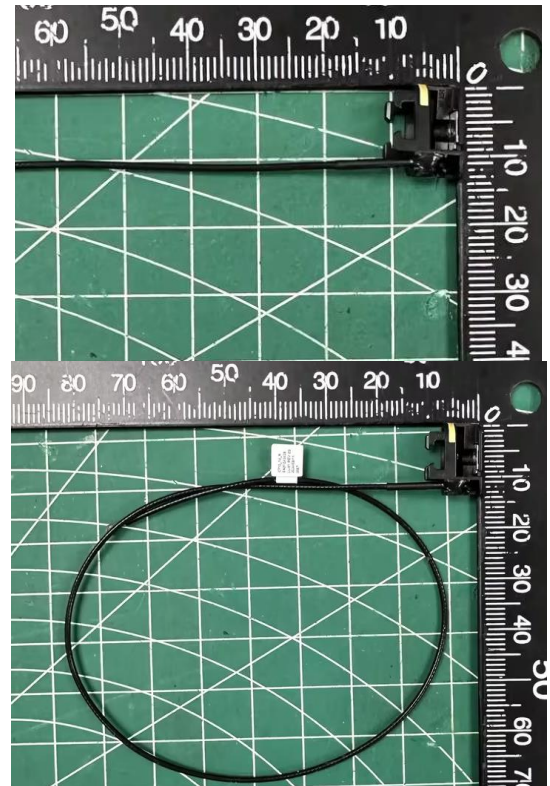


Antenna Photo

Front



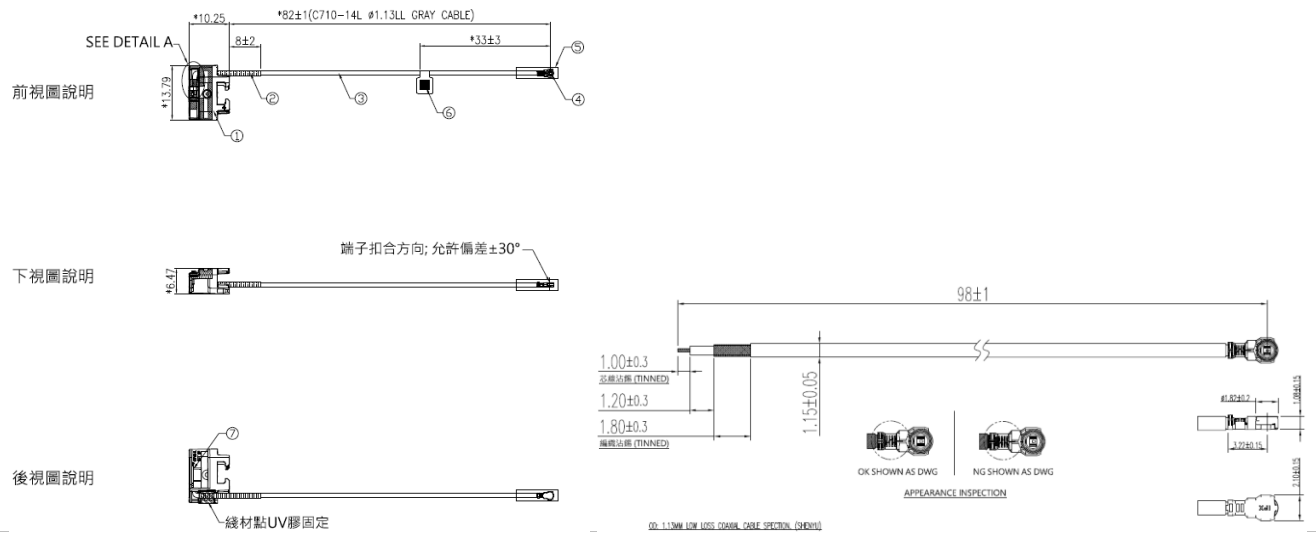
Back



Note: antenna photo should include L type ruler

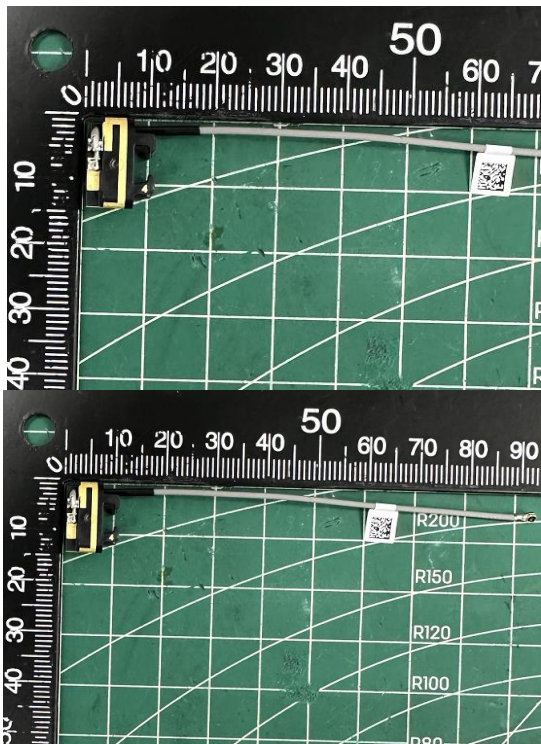
Aux Antenna

Antenna Drawing

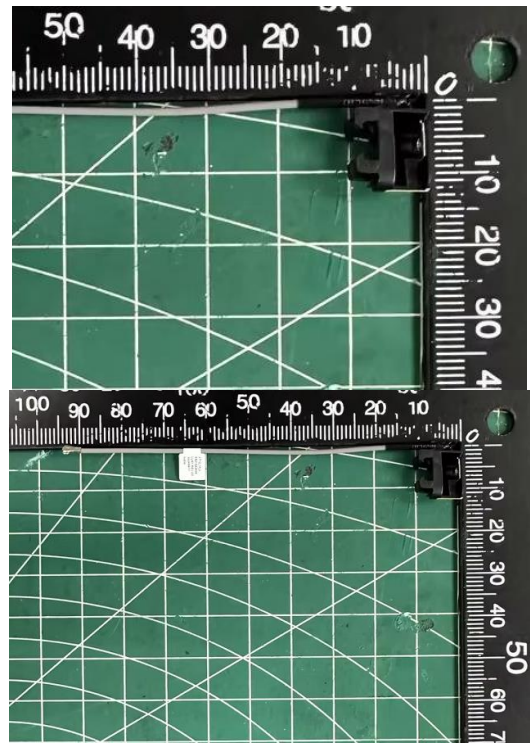


Antenna Photo

Front



Back



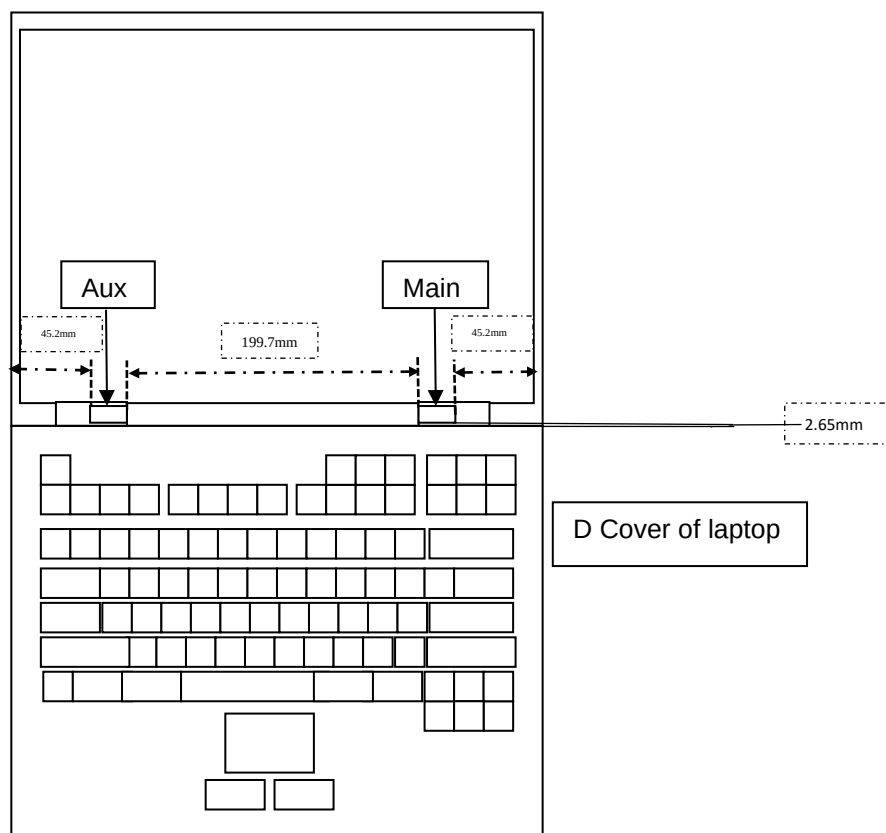
Note: antenna photo should include L type ruler

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).

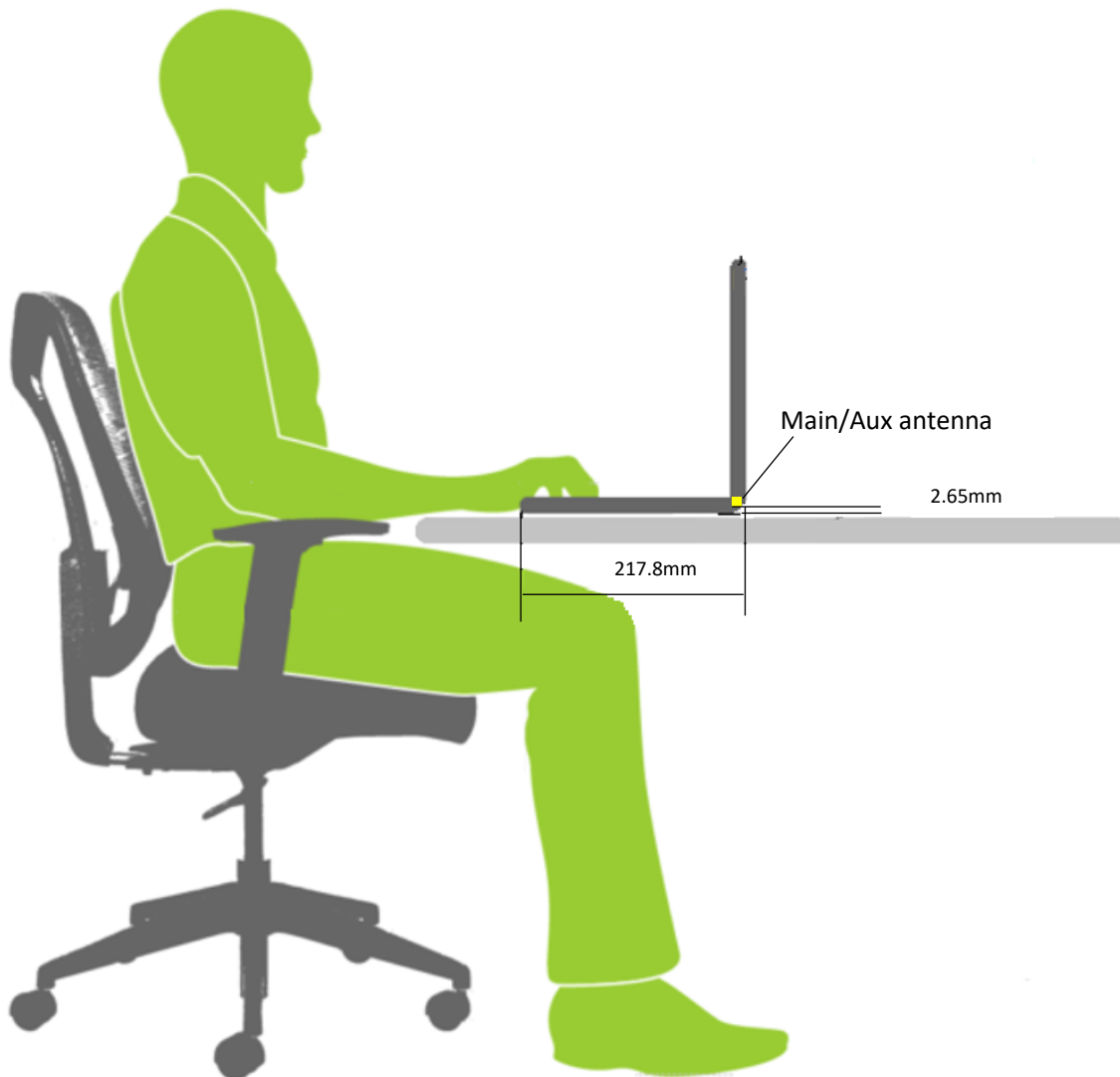
Any antenna that transmits must show dimensions to bottom of laptop. Provide a description of the materials that are used for supporting or surrounding transmit antennas; for example, non-conductive plastics vs. conductive coated plastic or metallic materials.



B.2 Antenna dimensional information for SAR evaluation

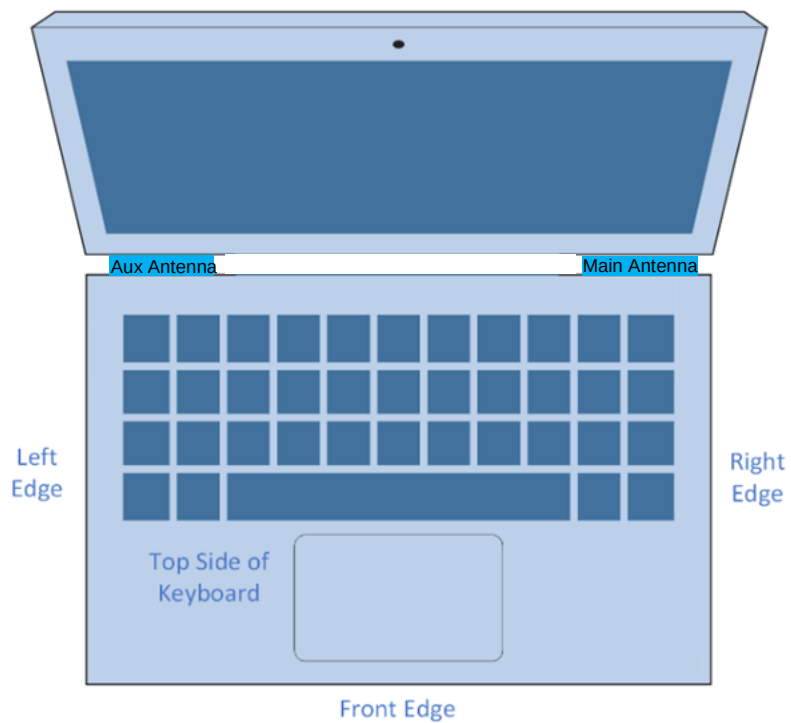
Include a dimensioned photo(s) or dimensioned drawing(s) showing the distance (mm) between the transmit antennas and the user. For notebook/laptop hosts show lapheld position (example below). For tablet hosts show all orientations including lapheld, primary & secondary portrait, primary & secondary landscape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

Antennas on the panel section



Measuring Surface	Antenna	Separation Distance(antenna-to- Surface)(mm)	1g SAR
Bottom Side	Main	2.65	FCC/ISED
	Aux	2.65	FCC/ISED

Antennas on the keyboard section



Measuring Surface	Antenna	Separation Distance(antenna-to-Surface)(mm)	1g or 10g SAR
Bottom Side	Main	2.65	1g (FCC/ISED)
	Aux	2.65	1g (FCC/ISED)
Front Edge	Main	N/A	1g (ISED)
	Aux	N/A	1g (ISED)
Left Edge	Main	N/A	10g (ISED)
	Aux	N/A	10g (ISED)
Right Edge	Main	N/A	10g (ISED)
	Aux	N/A	10g (ISED)
Top side of Keyboard	Main	N/A	10g (ISED)
	Aux	N/A	10g (ISED)