

ANTENNA INFORMATION

OEM	Lenovo		
ODM			
Platform model name	Yoga Slim 7 15ILL9		
Intel platform (ex: Yes, No or NA)	Yes		
Platform type (ex: regular NB, convertible PC, AIO...etc)	regular NB		
SAR minimum separation (mm)	FCC (1g)	8.1	
	ISED (1g)	8.1	
	ISED (10g)	N/A	

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)	Fuchun.xu
	E-mail	Fuchun.xu@luxshare-ict.com
	Tel/Mobile	13148127569
Testing date		2024.06.21

Antenna Part number	Main	DC330024J00
	Aux	DC330024J10
Antenna type	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	2.11	1.74	1.86	2.50	2.83	3.03	4.86	3.75	4.87	4.86
Aux	1.71	1.70	2.69	3.61	3.56	2.46	3.73	2.25	4.26	4.64

Cable Assembly Part Number and Information					
	Cable PN	Cable length(mm)	Cable diameter(mm)	Impedance(ohm)	Connector type
Main	SY113L/50-001	315	1.13	50	IPEX
Aux	SY113L/50-003	410	1.13	50	IPEX

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

Table of Contents

Cover page..... 1

Annex A. Photographs

 A.1 Setup Photo..... 3

 A.2 Test sample..... 4

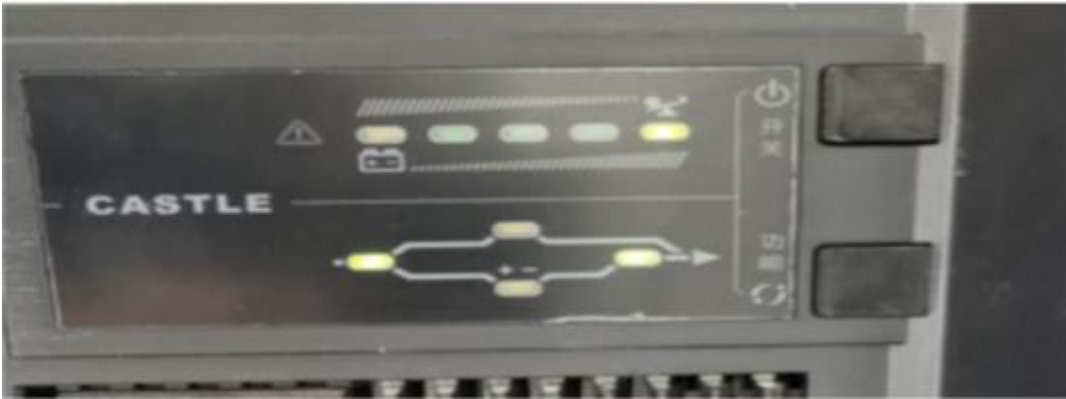
Annex B. Antenna Location

 B.1 Antenna Host Platform Location Information..... 6

 B.2 Antenna dimensional information for SAR evaluation..... 7

Annex A. Photographs

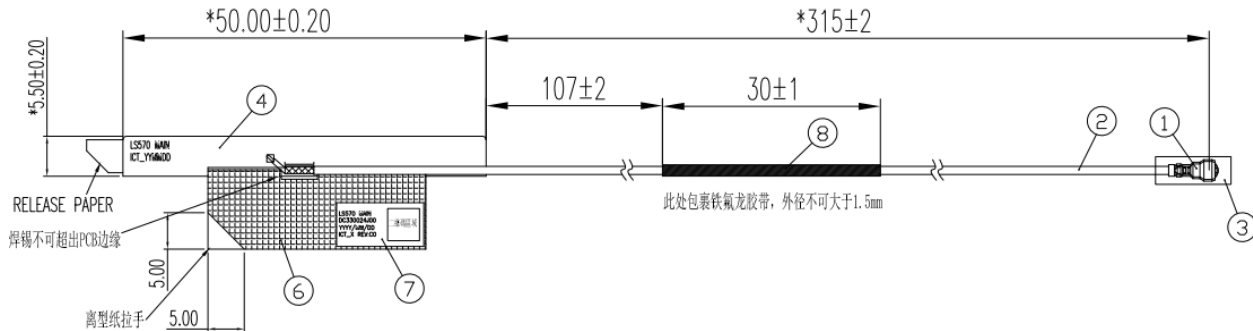
A.1 Setup Photo



A.2 Test sample

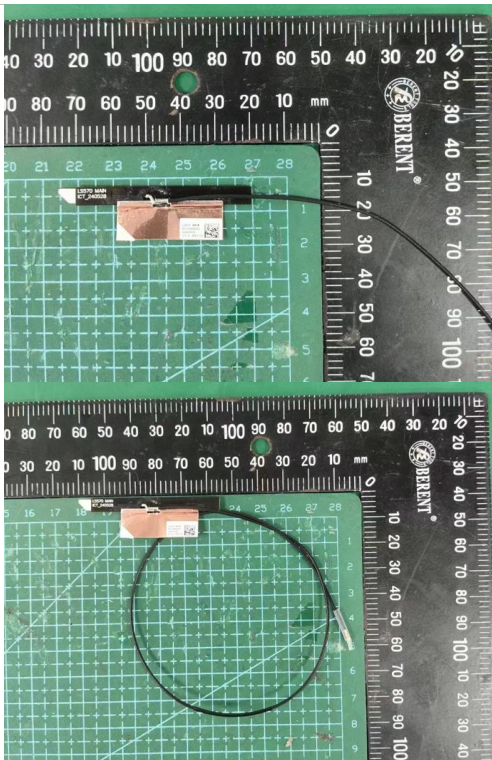
Main Antenna

Antenna Drawing

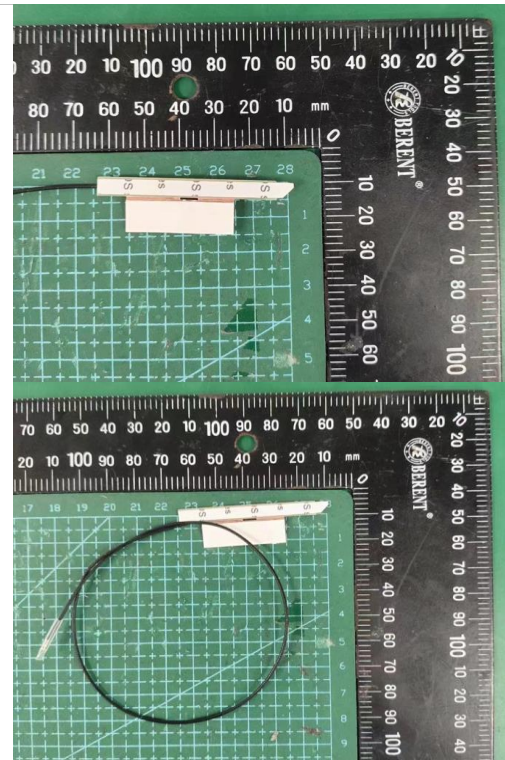


Antenna Photo

Front



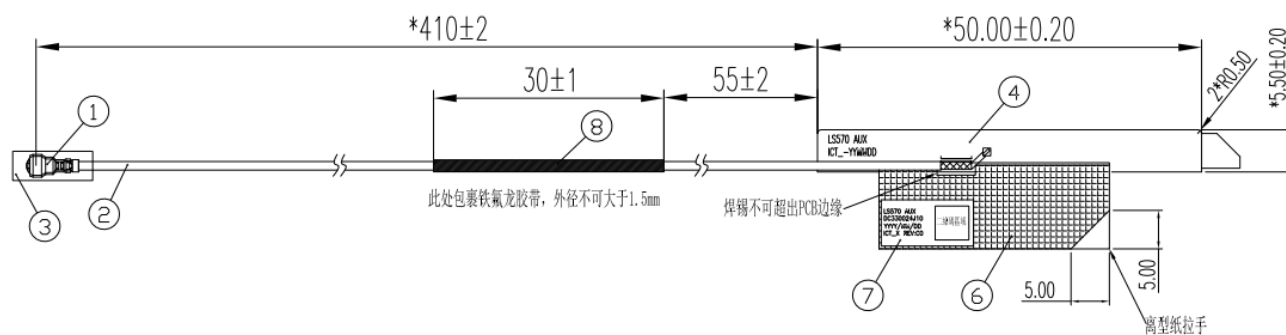
Back



Note: antenna photo should include L type ruler

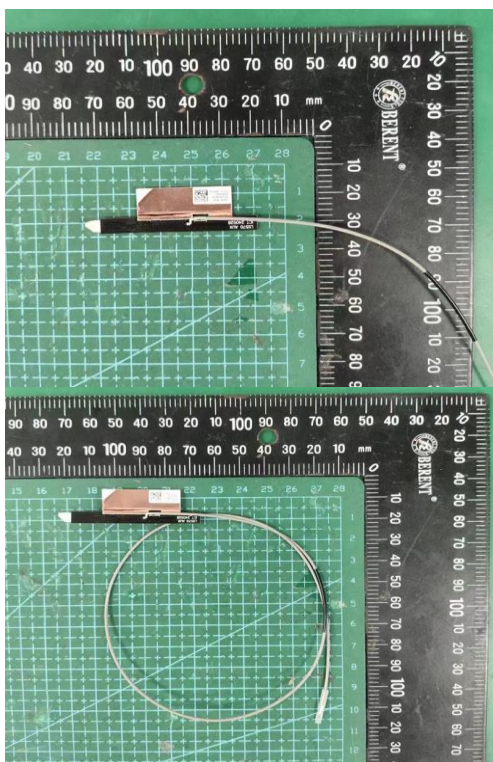
Aux Antenna

Antenna Drawing

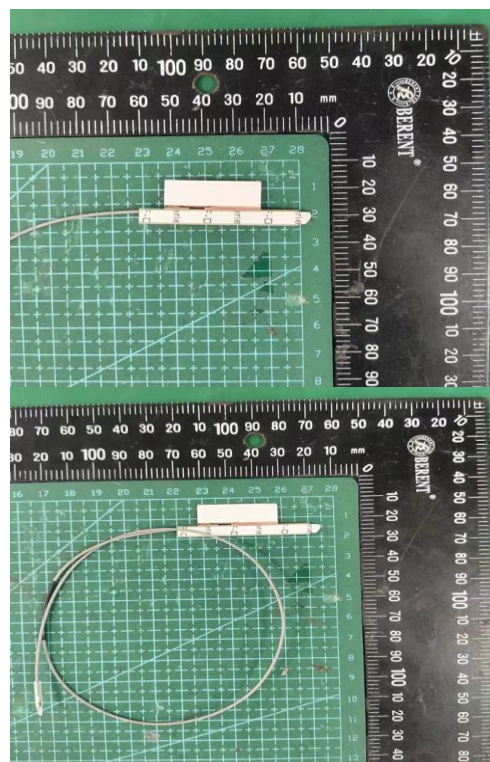


Antenna Photo

Front



Back



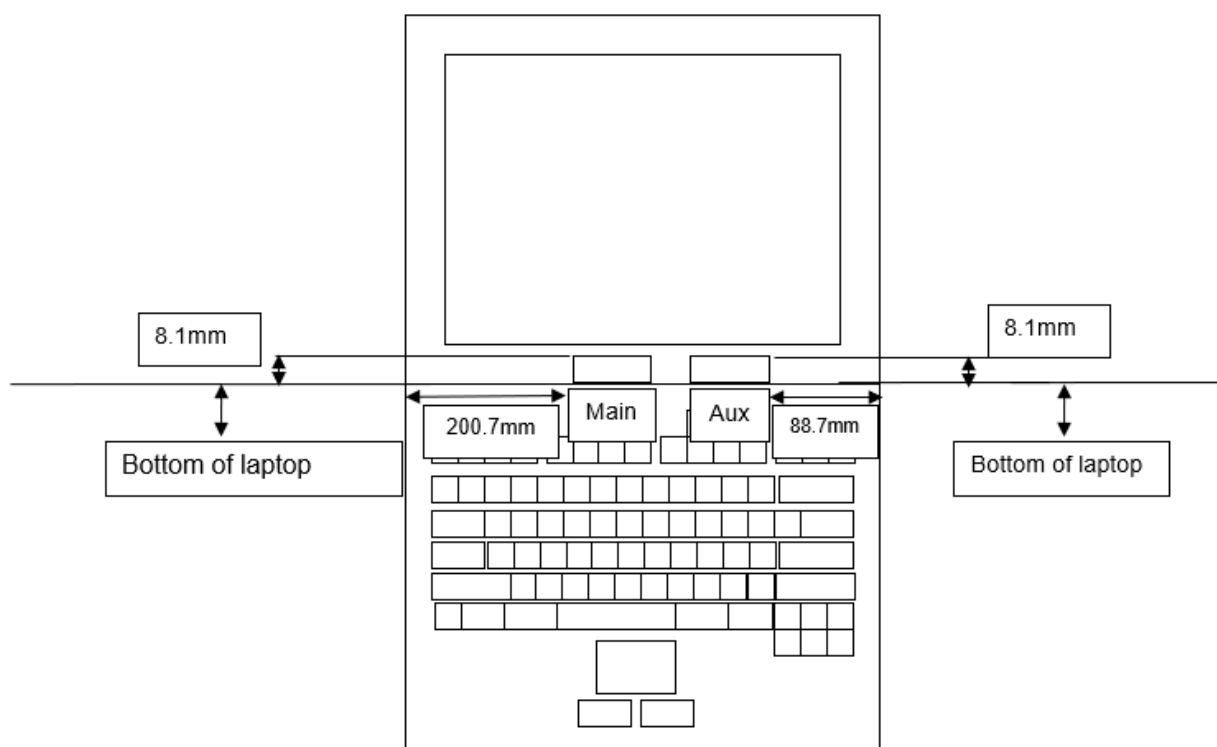
Note: antenna photo should include L type ruler

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).

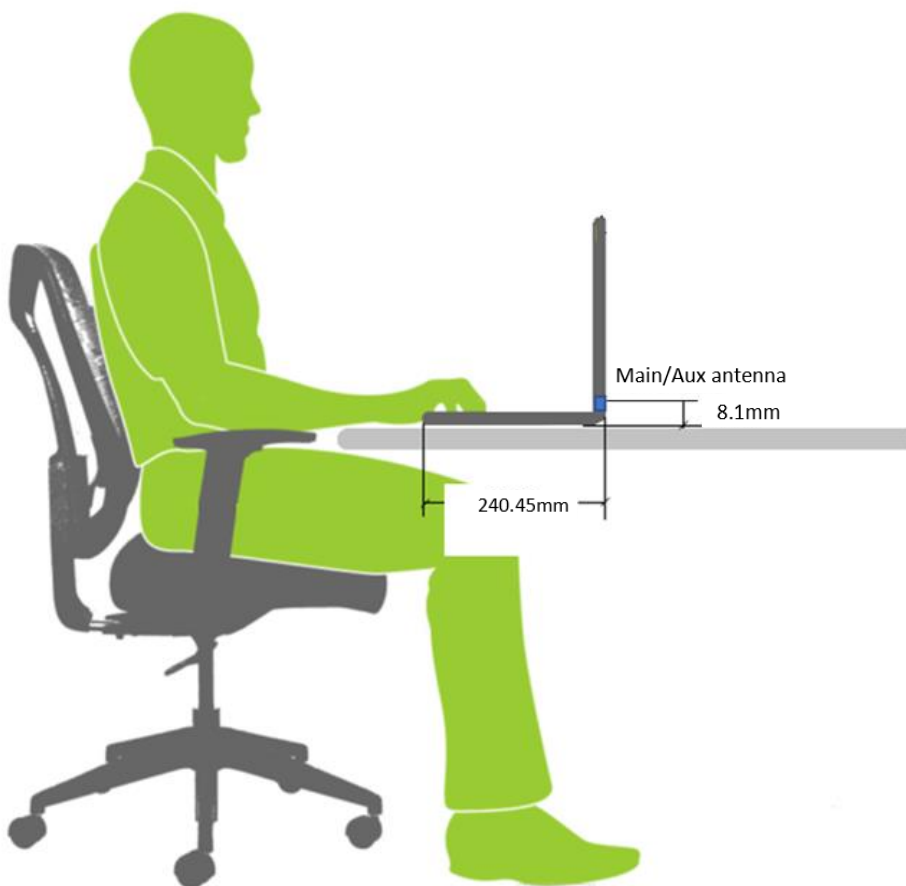
Any antenna that transmits must show dimensions to bottom of laptop. Provide a description of the materials that are used for supporting or surrounding transmit antennas; for example, non-conductive plastics vs. conductive coated plastic or metallic materials.



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.

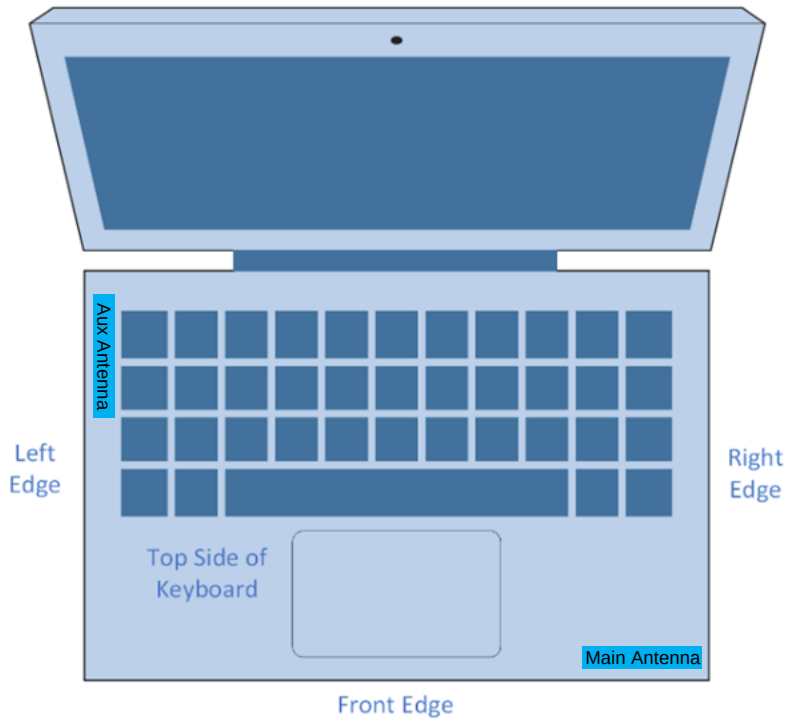
Antennas on the panel section



Measuring Surface	Antenna	Separation Distance(antenna-to- Surface)(mm)	1g SAR
Bottom Side	Main	8.1	FCC/ISED
	Aux	8.1	FCC/ISED

For Yoga Slim 7 15ILL9, antenna is not at Keyboard section, so would not fill below information.

Antennas on the keyboard section



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