

ANTENNA INFORMATION

OEM	Acer
ODM	Compal
Platform model name	N24C9 (Icefish_LNV)
Intel platform (ex: Yes, No or NA)	Yes
Platform type (ex: regular NB, convertible PC, AIO...etc)	Regular NB
SAR minimum separation (mm)	8.6 mm (w/bumper) 5.5 mm (w/o bumper)

Antenna manufacturer	Company name	Wistron Neweb Corporation
	Address	20 Park Ave.II , Hsinchu Science Park,Hsinchu 308,Taiwan
Test location	Company name	Wistron Neweb Corporation
	Address	20 Park Ave.II , Hsinchu Science Park,Hsinchu 308,Taiwan
Test Personnel	Name(Full name)	Esther Lin
	E-mail	Esther Lin@wnc.com.tw
	Tel/Mobile	03-6667799
Testing date		2024/06/14

Antenna Part number	Main	81EAB515.G39 (DC33002WX00)
	Aux	81EAB515.G40 (DC33002WX10)
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	-0.44	2.83	2.87	2.89	2.89	2.86	2.94	2.94	2.93	2.97
Aux	-1.00	2.88	2.89	2.89	2.89	2.80	2.97	2.95	2.97	2.94

Cable Assembly Part Number and Information					
	Cable PN	Cable length(mm)	Cable diameter(mm)	Impedance(ohm)	Connector type
Main	50.EKW01.311	223.5	1.13	50	I-pex MHF4L
Aux	50.EKW01.313	288	1.13	50	I-pex MHF4L

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

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	0.62	0.92	0.93	0.95	0.97	0.97	1.00	1.03	1.06	1.09
Aux	0.80	1.19	1.20	1.23	1.25	1.26	1.29	1.33	1.36	1.40

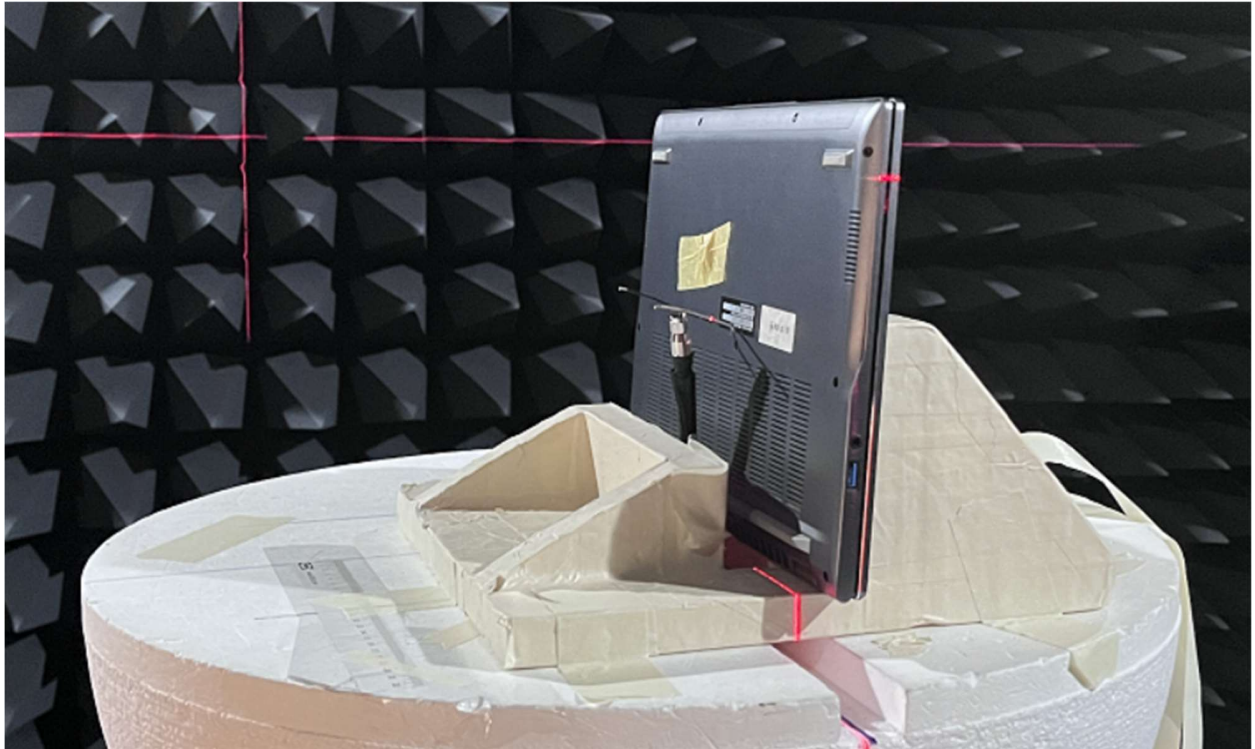
Table of Contents

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

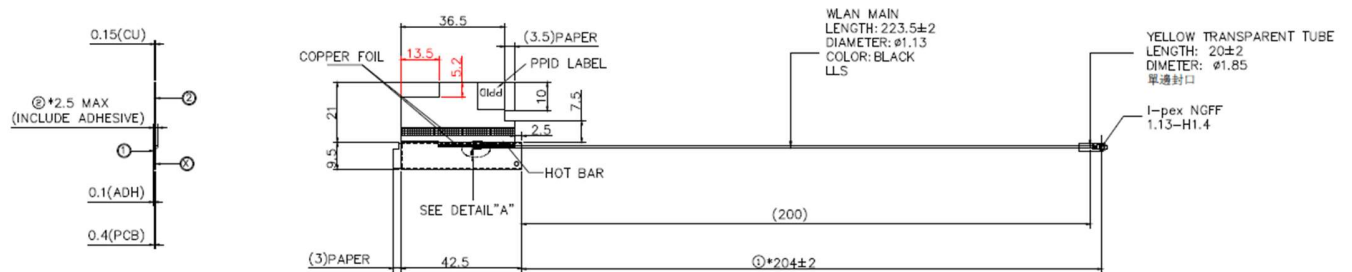
<insert test diagram here for test site utilized>



A.2 Test sample

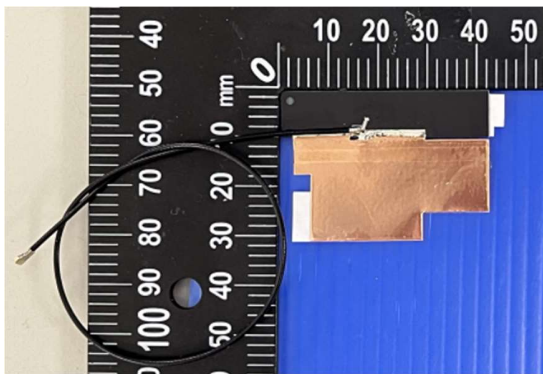
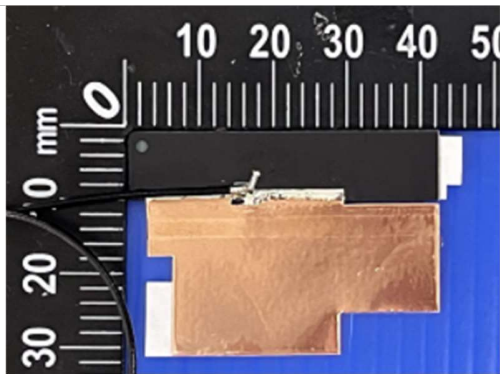
Main Antenna

Antenna Drawing

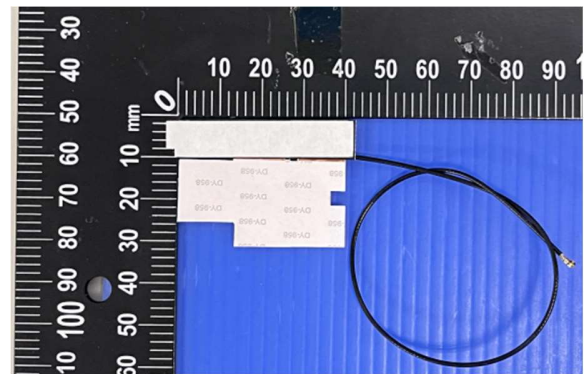
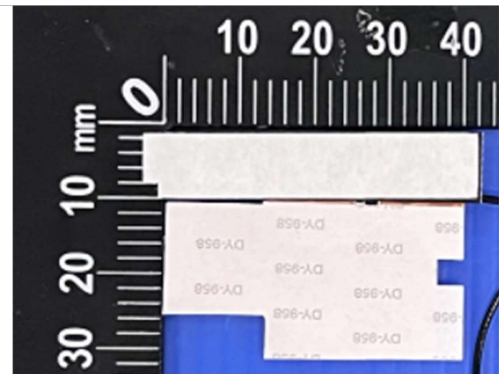


Antenna Photo

Front



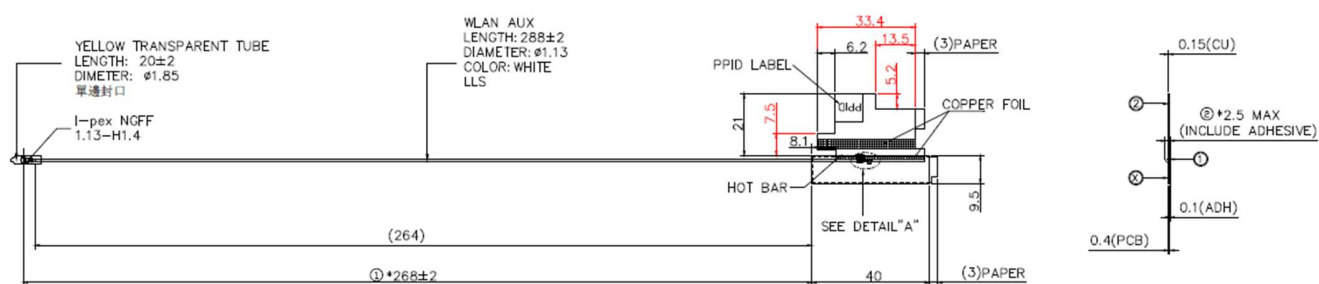
Back



Note: antenna photo should include L type ruler

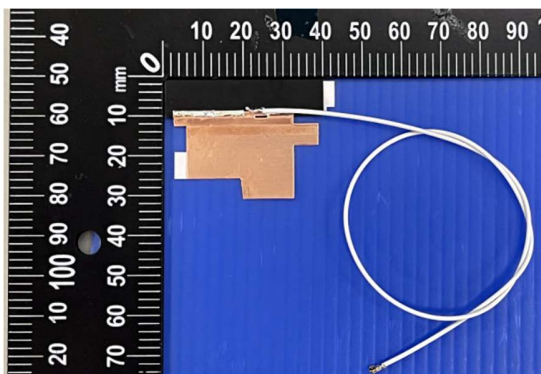
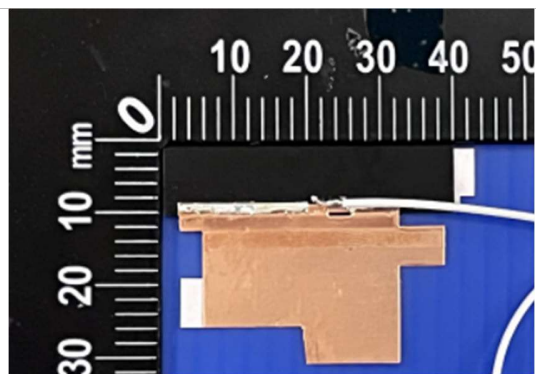
Aux Antenna

Antenna Drawing

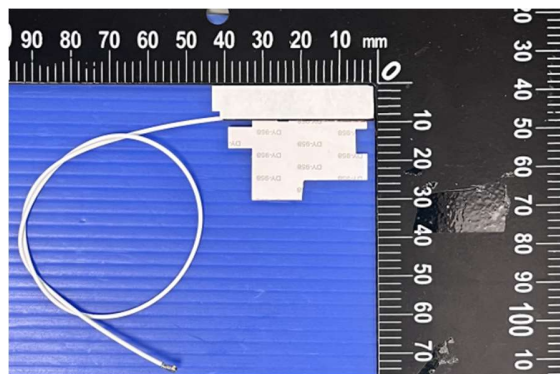
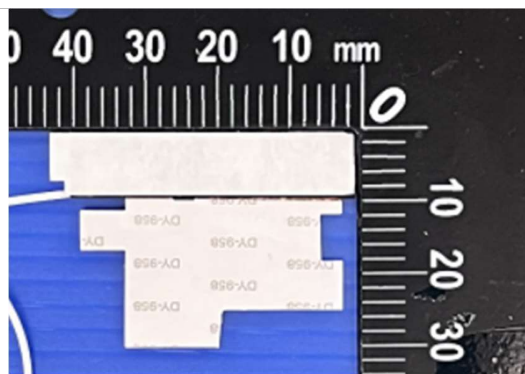


Antenna Photo

Front



Back



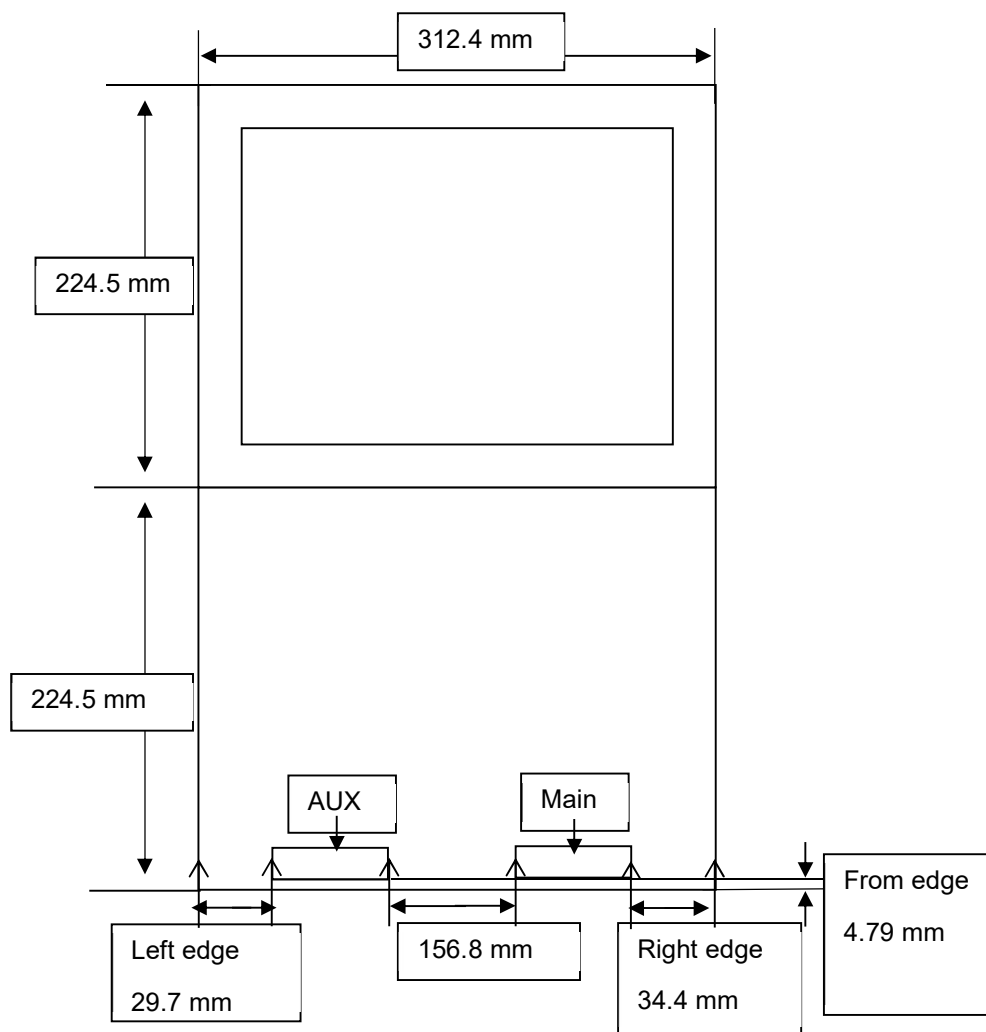
Note: antenna photo should include L type ruler

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.

