

ANTENNA INFORMATION

OEM	Lenovo		
ODM	Huaqin Technology Co.,Ltd.		
Platform model name	Yoga 7 2-in-1 16ILL10		
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)	2.96	
	ISED (1g)	2.96	
	ISED (10g)	N/A	

Antenna manufacturer	Company name	AWAN
	Address	No.925 Huayuan Road,Zhangpu Town,Kunshan City,Jiangsu Province
Test location	Company name	AWAN
	Address	No.925 Huayuan Road,Zhangpu Town,Kunshan City,Jiangsu Province
Test Personnel	Name(Full name)	Xing.pang
	E-mail	Xing.pang@awan-ant.com
	Tel/Mobile	18842985447
Testing date		2024/9/23

Antenna Part number	Main	AYL6Y-100054
	Aux	AYL6Y-100055
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	1.26	1.47	1.05	3.32	2.98	2.48	3.13	3.21	3.21	2.95
Aux	1.23	-0.32	0.73	3.10	3.16	3.14	3.37	3.01	3.35	2.79

Cable Assembly Part Number and Information					
	Cable PN	Cable length(mm)	Cable diameter(mm)	Impedance(ohm)	Connector type
Main	YCB00113-V000916	314	1.13	50	I-PEX NGFF:20565-001R-13
Aux	YCB00113-V020916	90	1.13	50	I-PEX NGFF:20565-001R-13

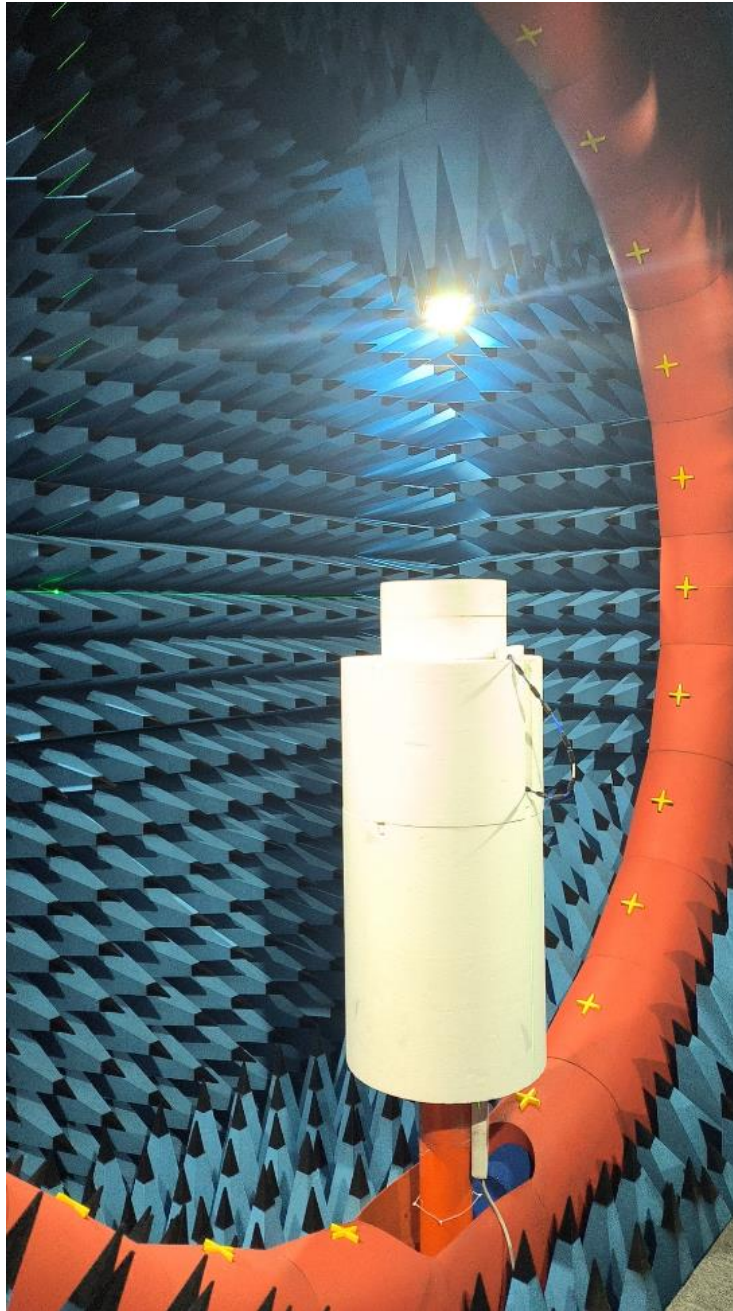
* 3D Antenna Peak Gain required being test in system basis.

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Annex A. Photographs

A.1 Setup Photo



Antenna Drawing



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HSF相關均質拆分及測試點選擇參照
 <HSF均質物質拆分作業顯示表>

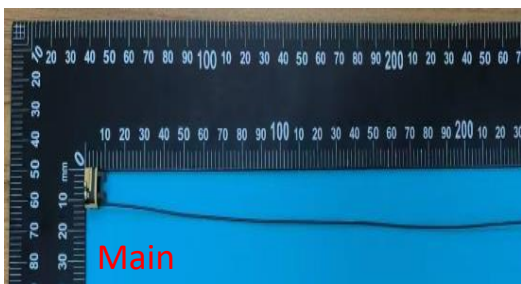
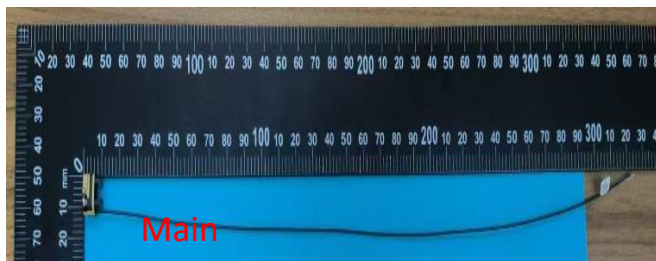
- 1.0 標示時應注意事項
- 1.1 未標示公害者以公差表之規範視之
- 1.2 * 為重要標性尺寸
- 2.0 其他應注意事項
- 2.1 外觀表面不可有刮痕、汙漬及膠漆
- 2.2 有害物質管控：嚴禁鉛鎘汞環保+ROHS2.0環保標準
- 2.3 華越產品小標和內外箱包裝標識日期一致

[illegible]

符合AWAN環境管理物質技術標準
All materials meet the AWAN's spec. Environment - related substances management technical standard.

Antenna Photo

Front



Back



Note: antenna photo should include L type ruler

1 2 3 4 5 6 7 8

Rev.	EC#	Description	Drawn/Date	Checked/Date	Approved/Date
X1		NEW RELEASE	YC 07/18/24	Jerry 07/18/24	Jerry 07/18/24
X2		WIRE, BATTERY, BATTERY	YC 08/12/24	Jerry 08/12/24	Jerry 08/12/24

AWAN P/N	ATL6Y-100055
零件 P/N	02.017.PX0084W-LZ
零件 P/N	40-02-0800671-1

1.0 標示時需注意事項

1.1 未標示公差者以公差表之規範製

1.2 * 為重點標註尺寸

2.0 其他需注意事項

2.1 外觀表面不可有刮痕、汗漬及膠漆

2.2 有客貨質管控：1 嚴禁漏油並確保+ROHS2.0環保標準

2.3 單點品+總和內務包裝機數日一致

HALOGEN FREE

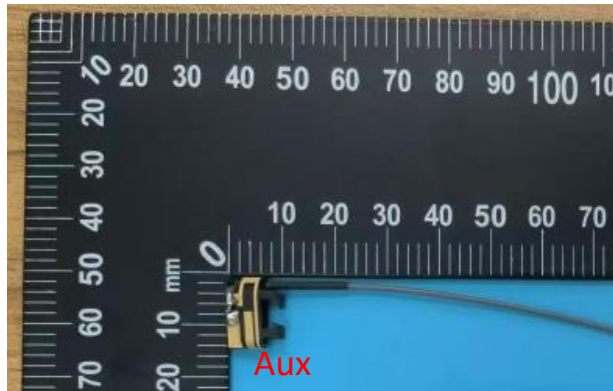
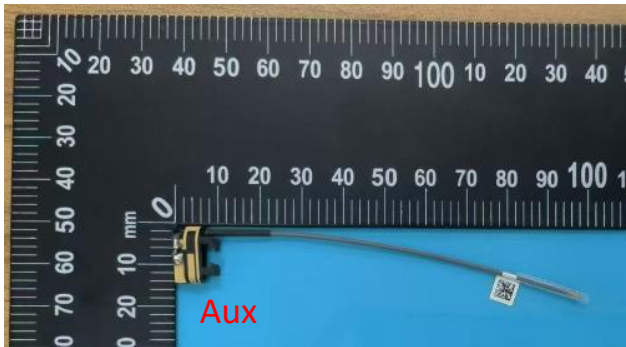
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HSF相關物質拆分及測試點選擇參照
〈HSF均質物質拆分作業圖示表〉

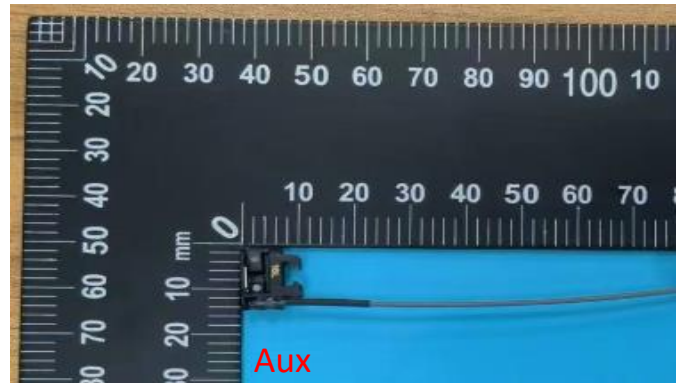
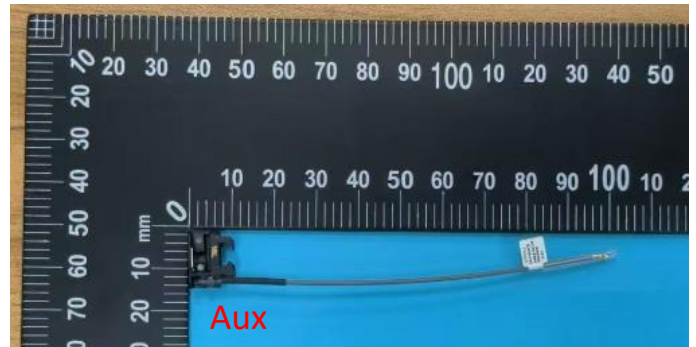
符合AWAN環境管理物質技術標準
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Antenna Photo

Front



Back



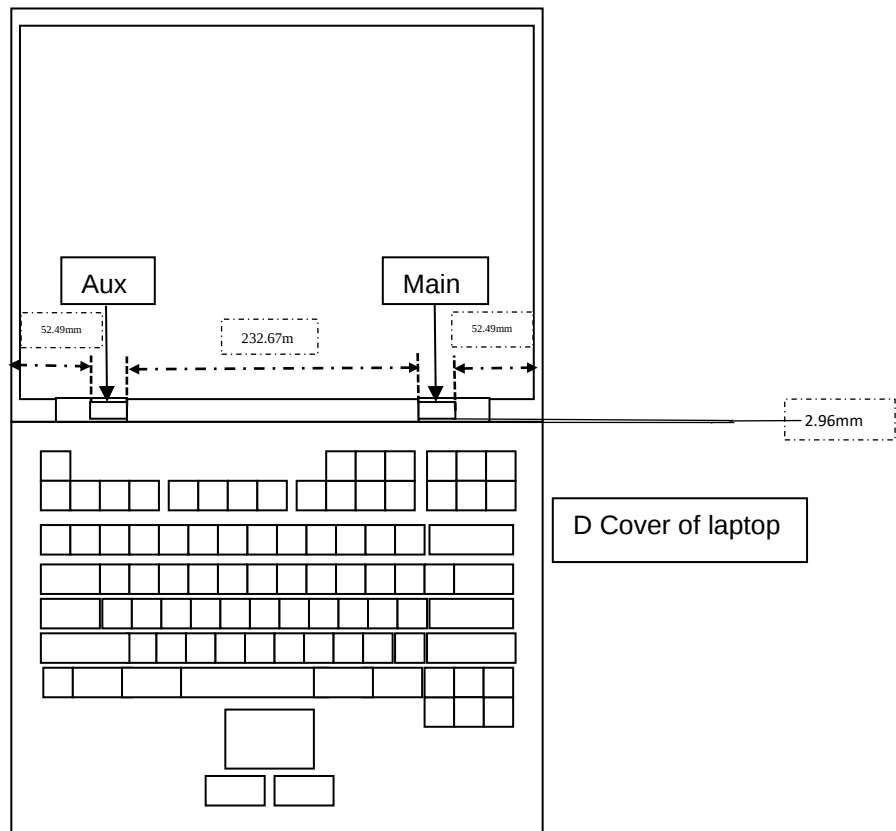
Note: antenna photo should include L type ruler

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).

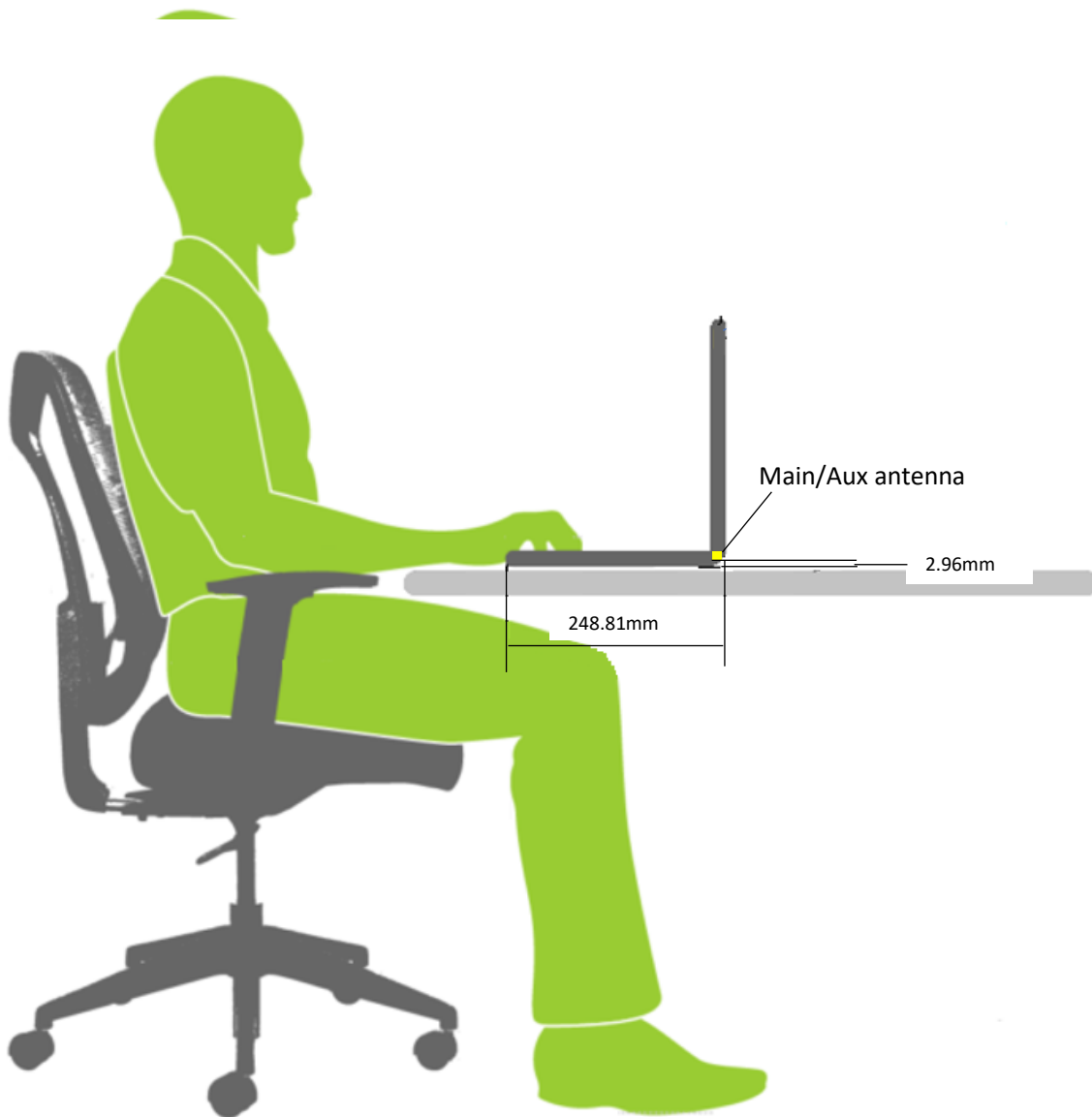
Any antenna that transmits must show dimensions to bottom of laptop. Provide a description of the materials that are used for supporting or surrounding transmit antennas; for example, non-conductive plastics vs. conductive coated plastic or metallic materials.



B.2 Antenna dimensional information for SAR evaluation

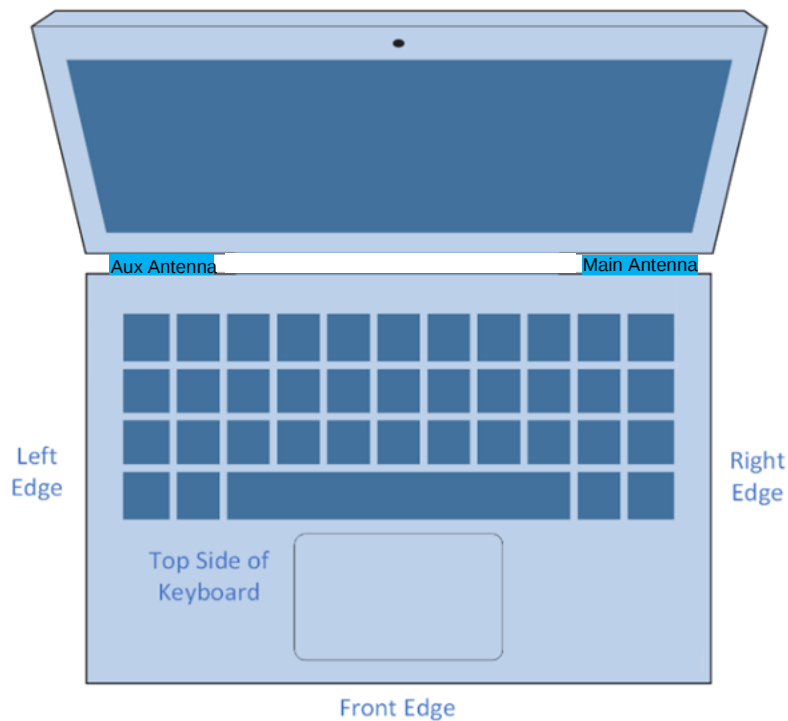
Include a dimensioned photo(s) or dimensioned drawing(s) showing the distance (mm) between the transmit antennas and the user. For notebook/laptop hosts show lapheld position (example below). For tablet hosts show all orientations including lapheld, primary & secondary portrait, primary & secondary landscape 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	2.96	FCC/ISED
	Aux	2.96	FCC/ISED

Antennas on the keyboard section



Measuring Surface	Antenna	Separation Distance(antenna-to-Surface)(mm)	1g or 10g SAR
Bottom Side	Main	2.96	1g (FCC/ISED)
	Aux	2.96	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)