

WLAN Antenna Report

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1. Document Revision History

Revision #	Revision Details	Issued Date
Rev. 00	First Issue	2025.May.26

2. ANTENNA INFORMATION

OEM	
ODM	Getac
Platform model name	UX10G5
Intel platform (ex: Yes, No or NA)	
Platform type (ex: regular NB, convertible PC, AIO...etc)	Tablet
SAR minimum separation (mm)	

Antenna manufacturer	AWAN	
Address	14F., No.225, Sec. 3, Beixin Rd., Xindian Dist., New Taipei City, Taiwan	
Antenna Part number	Main:ALF6Y-100007 (422GB9900003)	Aux:ALF6Y-300000 (422GB9900004)
Antenna type (ex: PIFA, Dipole...etc)	PIFA	

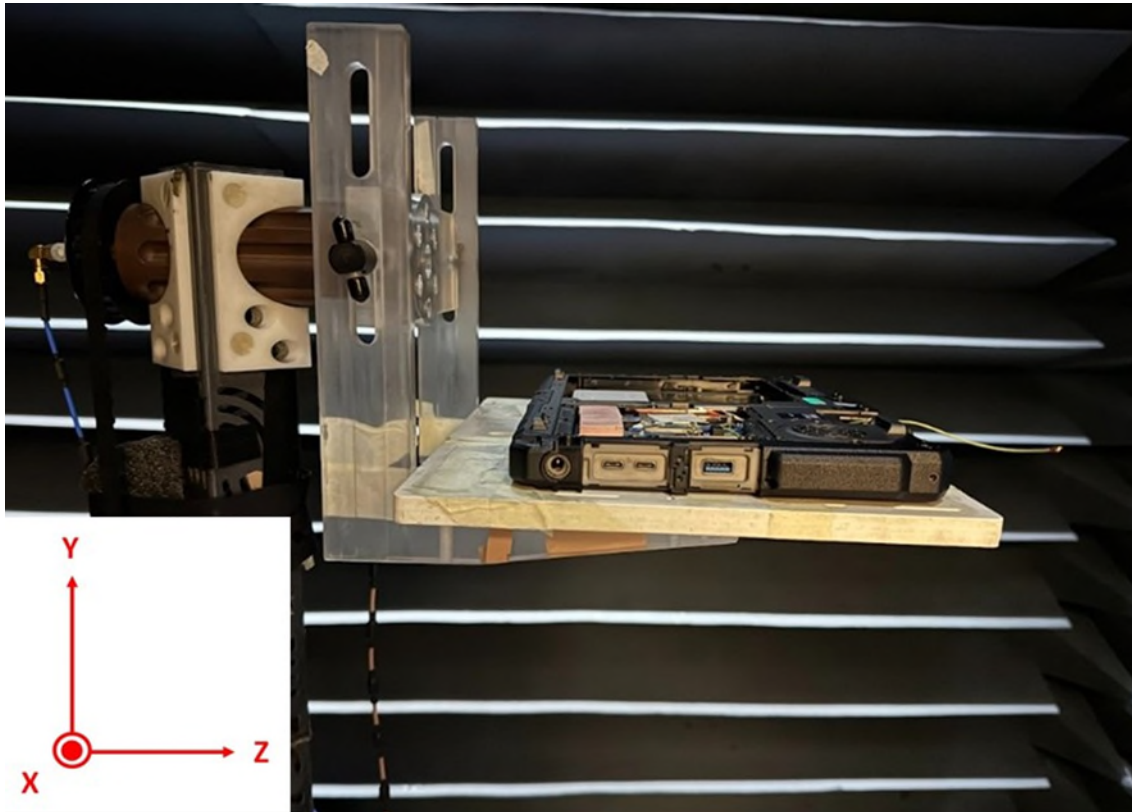
Antenna Peak gain w/ cable loss (dBi)*										
	2.4GHz 2400-2483.5 MHz	5.2GHz 5150-5250MHz	5.3GHz 5250-5350MHz	5.6GHz 5470-5725MHz	5.8GHz 5725-5850MHz	5.9GHz 5850-5895MHz	6.2GHz 5925-6425MHz	6.5GHz 6425-6525MHz	6.7GHz 6525-6875MHz	7.0 GHz 6875-7125MHz
Main	2.60	2.24	2.27	1.89	2.22	1.87	2.56	2.49	2.20	2.62
Aux	2.32	1.03	1.08	2.02	2.25	1.89	2.30	1.57	1.82	2.18

Cable Assembly Part Number and Information					
	Cable PN	Cable length(cm)	Cable diameter(mm)	Impedance(ohm)	Connector type
Main	SY113L/50-001	3.32	1.13	50	I-Pex NGFF (20565-001R-13)
Aux	SY113L/50-016	2.39	1.13	50	I-Pex NGFF (20565-001R-13)

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

Annex A. Photographs

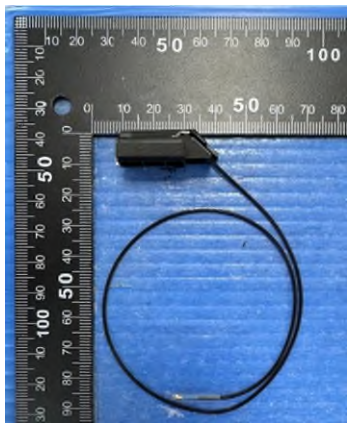
A.1 Setup Photo



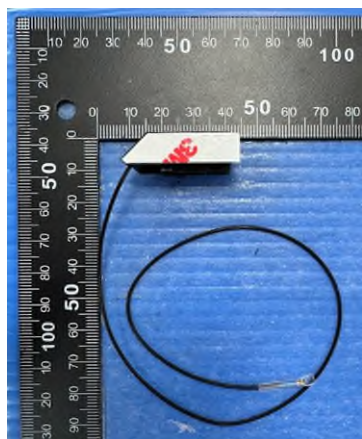
A.2 Test sample

Antenna Photo

Front



Back

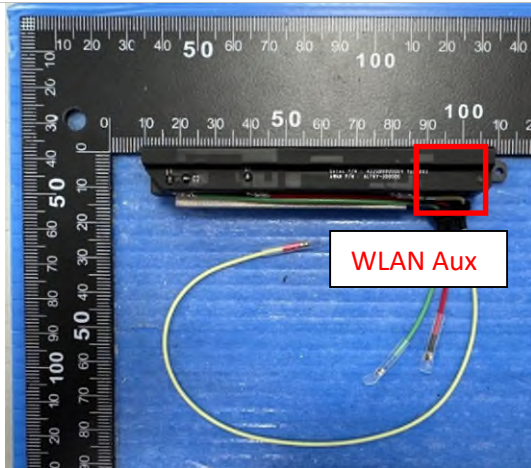


Note: antenna photo should include L type ruler

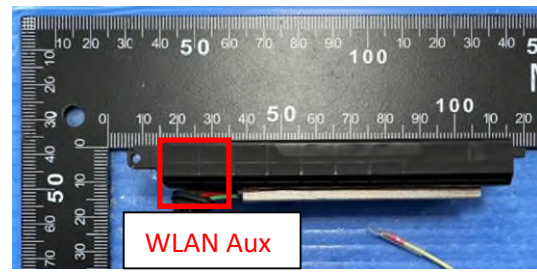
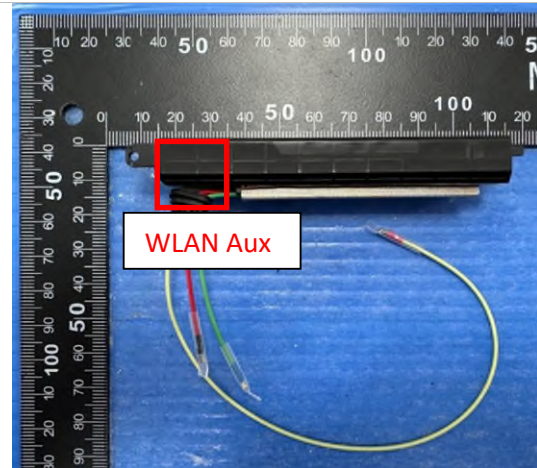
Aux Antenna

Antenna Photo

Front



Back



Note: antenna photo should include L type ruler