ANTENNA INFORMATION

OEM	DELL
ODM	Wistron
Platform model name	P132F
Intel platform (ex: Yes, No or NA)	Yes
Platform type (ex: regular NB, convertible PC, AIO…etc)	Regular NB
SAR minimum separation (mm)	1.5

Antenna manufacturer	**SPEED**
Address	25F., No. 95, Xinpu 6th St., Taoyuan Dist., Taoyuan City 33044, Taiwan (R.O.C.)
Antenna Part number	Main: F-0G-FS-6168-001-00 025.902BY.0001 Aux: F-0G-FS-6168-002-00 025.902BZ.0001
Antenna type (ex: PIFA, Dipole…etc)	**Monopole**

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	0.89	2.9	3.09	3.19	4.02	4.02	4.19	3.87	3.87	3.41
Aux	0.54	2.81	3.16	3.55	3.23	3.06	3.65	4.13	4.13	2.87

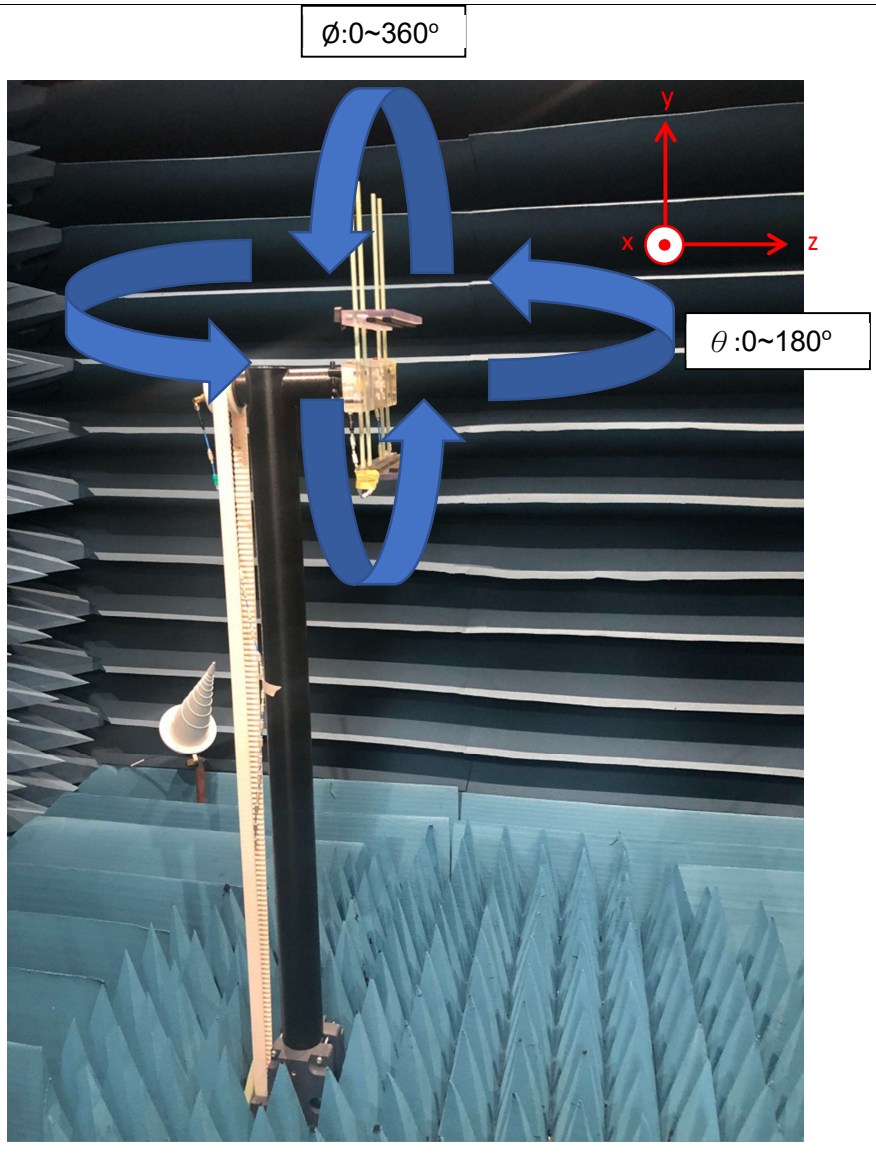
Cable Assembly Part Number and Information					
	Cable PN	**Cable length**(cm)	**Cable diameter**(mm)	**Impedance**(ohm)	**Connector type**
Main	**SY113L/50-143**	38.1	1.13	50	I-Pex:20565-001R-13
Aux	**SY113L/50-118**	16.5	1.13	50	I-Pex:20565-001R-13

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

Annex A. Photographs

A.1 Setup Photo

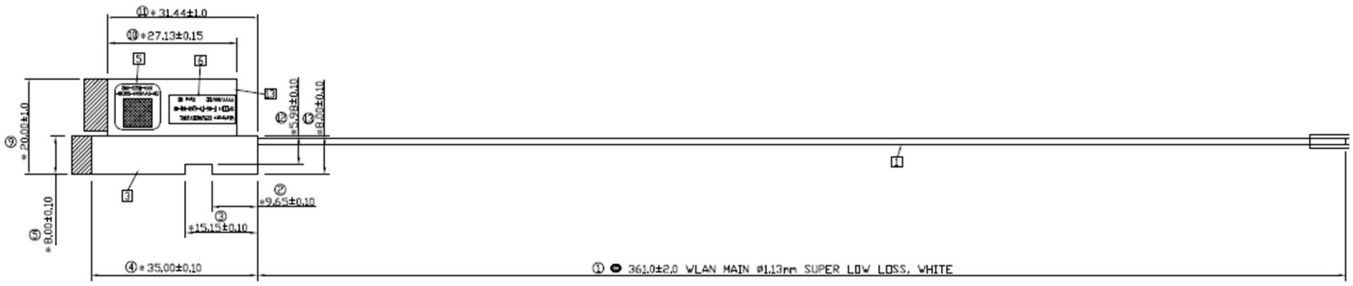
Test Conditions
NB under test placed on a non-conductive structure at sufficient height to be in the 'quiet zone' of the chamber
The NB under test must be fully populated with a power, motherboard, hard drive, disk drives, etc… The purpose is to characterize the antennas on a fully populated customer deliverable unit.
NB's panel should be parallel with XY-plane and face to Y-axle, see diagram below.



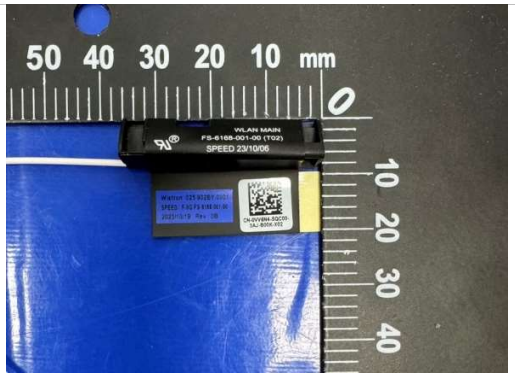
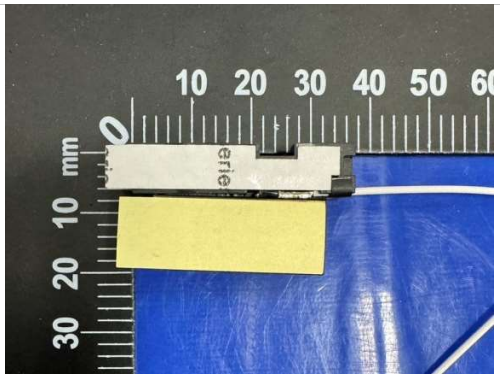
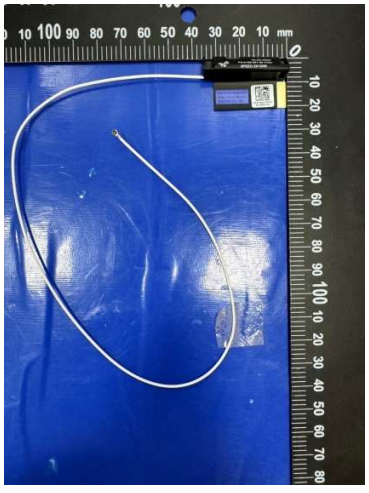
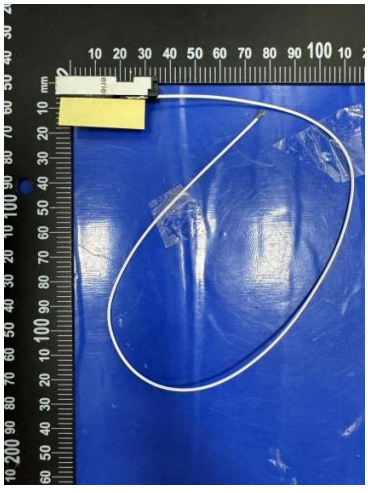
A.2 Test sample

Main Antenna

Antenna Drawing



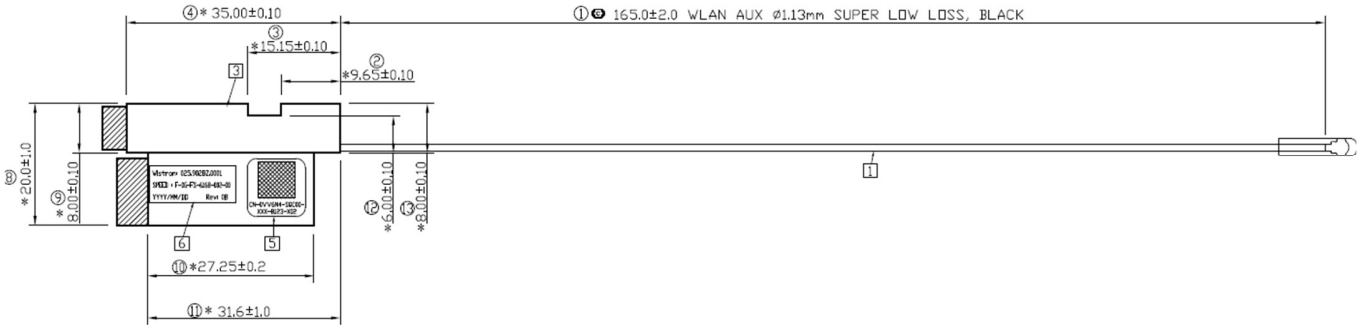
Antenna Photo

Front	Back
	
	

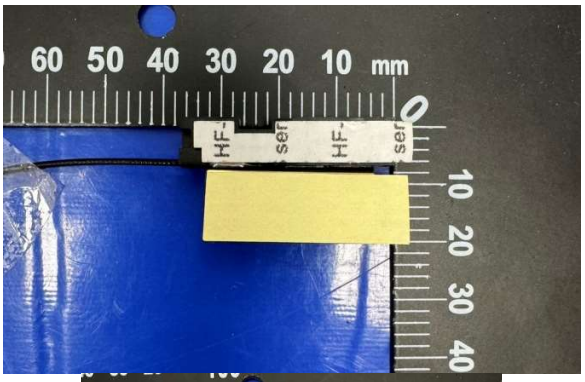
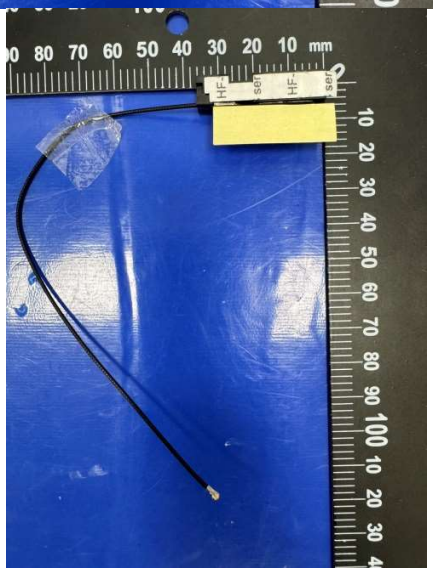
Note: antenna photo should include L type ruler

Aux Antenna

Antenna Drawing



Antenna Photo

Front	Back
	 

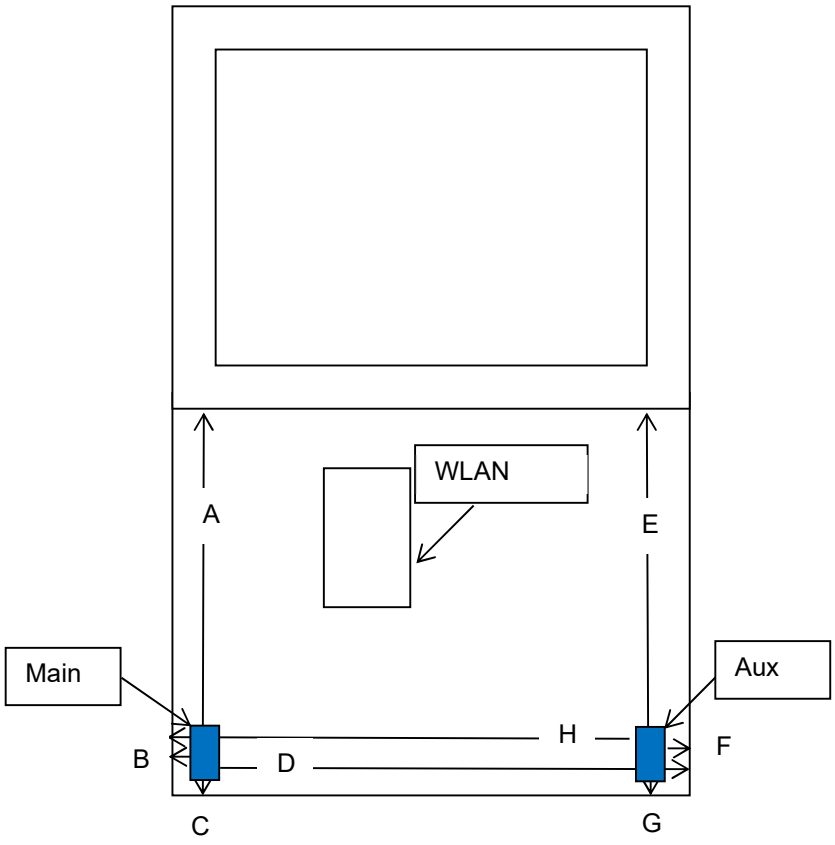
Note: antenna photo should include L type ruler

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.



Distance	A	B	C	D	E	F	G	H
(mm)	194.3	3.3	21.3	345.48	194.3	3.3	21.3	345.48

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.