

Mechanical Information

Antenna Location for SAR evaluation

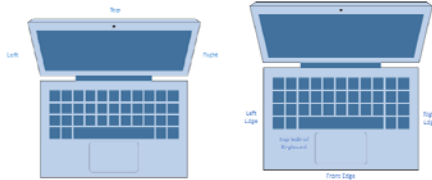
Include a dimensioned photo(s) or dimensioned drawing(s) showing the distance (mm) between the transmit antenna and the user. For notebook/laptop hosts show lap/held position (example below). For tablet hosts show all orientations including lap/held, primary & secondary portrait, primary & secondary landscape positions. Include a description of any proximity sensors or power throttling implementations that limit or exclude use of any test orientation.

Notebook- Antenna on the panel section



SAR Separation Distance - Notebook		
Measuring Surface	Antenna	Distance (mm)
Top Side	Main/Ant.2	194.00
	Aux/Ant.1	5.45
Right Edge	Main/Ant.2	72.40
	Aux/Ant.1	32.00
Left Edge	Main/Ant.2	185.60
	Aux/Ant.1	216.00
Bottom Side	Main/Ant.2	8.55
	Aux/Ant.1	199.65

Notebook- Antenna on the keyboard section



SAR Separation Distance		
Measuring Surface	Antenna	Distance (mm)
Top Side of KB	Main/Ant.2	NA
	Aux/Ant.1	NA
Right Edge	Main/Ant.2	NA
	Aux/Ant.1	NA
Left Edge	Main/Ant.2	NA
	Aux/Ant.1	NA
Bottom Side	Main/Ant.2	NA
	Aux/Ant.1	NA
Front Edge	Main/Ant.2	NA
	Aux/Ant.1	NA

Tablet mode

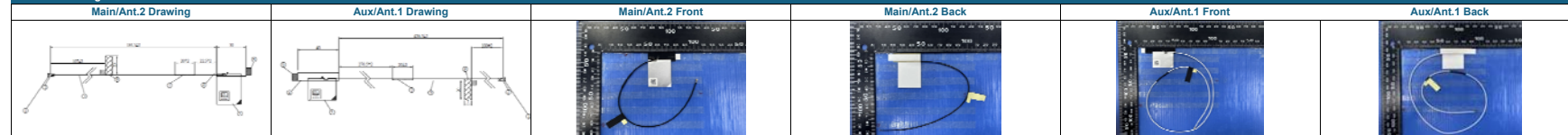


SAR Separation Distance - Tablet		
Measuring Surface	Antenna	Distance (mm)
Front Side	Main/Ant.2	NA
	Aux/Ant.1	NA
Rear Side	Main/Ant.2	NA
	Aux/Ant.1	NA
Top Side	Main/Ant.2	NA
	Aux/Ant.1	NA
Bottom Side	Main/Ant.2	NA
	Aux/Ant.1	NA
(Hinge)	Main/Ant.2	NA
	Aux/Ant.1	NA

Cable Assembly

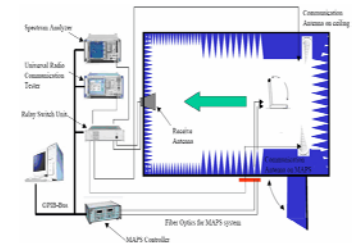
Pin	Length	Dimensions	Impedance	Connector Type
Main	184.5mm	1.13mm	50Ω	MHFF 4L
Aux	426.5mm	1.13mm	50Ω	MHFF 4L

Antenna Drawing and Photo

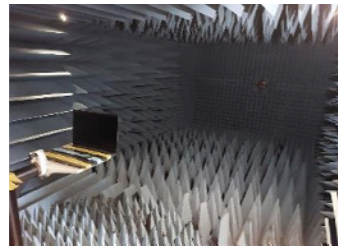


Measurement Method and Test System Description

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.



Photographs



Test Equipment List

ID	Model Name	Manufacturer	Serial Number	Calibration Date	Calibration Due Date
1	Anechoic Chamber	ETS-Lindgren	AMS-8500	2025/1/30	2026/1/30
2	Turn Table	ETS-Lindgren	ETS	N/A	N/A
3	Measurement SW	ETS-Lindgren	EMQuest1.08	N/A	N/A
4	Vector Network Analyzer	Agilent	Agilent E5071B	2025/1/30	2026/1/30
5	Receive Antenna	ETS-Lindgren	EMCO 3164-08	N/A	N/A
6	Absorber Nested Dual	ETS-Lindgren	EMCO 2115CR	N/A	N/A
7	Multi Axis Positioning System (MAPSTM)	ETS-Lindgren	MECO 2115CR	N/A	N/A
8	MAPSTM Controller	ETS-Lindgren	MECO 2090	N/A	N/A
9	Horn antenna	ETS-Lindgren	461881.00	2025/1/30	2026/1/30
10	Cable 0.5m - 700MHz-10GHz	Senyu	RG316	2025/1/30	2026/1/30

Test location

Company name	High-Tek Electronics Co., Ltd	
Address	17F., No.100, Sec. 1, Xintai 5th Rd., Xizhi Dist., Taipei City	New

Test Personnel

Name(Full name)	Steve Yang
E-mail	steve.yang@hightek.com.tw
Tel/Mobile	886-2-2696-1996 EXT.5222
Testing date	2025/04/15