

ANTENNA INFORMATION

OEM	
ODM	Pegatron Corporation
Platform model name	Parrot
Platform type (ex: regular NB, convertible PC, AIO...etc)	Wearable device
SAR minimum separation (mm)	

Antenna manufacturer	Company name	Advanced Wireless & Antenna Inc.
	Address	No. 207-1-B2, Sec. 3, Beixin Rd., Xindian Dist., New Taipei City, Taiwan (R.O.C.)
Test location	Company name	INPAQ Technology Co., Ltd
	Address	No. 566-1, Gaoshi Rd., Yangmei Dist., Taoyuan City, Taiwan (R.O.C.)
Test Personnel	Name(Full name)	Bill Wen
	E-mail	alicemiuchen@inpaq.com.tw
	Tel/Mobile	0929-216-937
Testing date		2024/08/27

Antenna Part number	Main	AVF5Y-100003B (1415-0AVN000)
	Aux	
Antenna type (ex: PIFA, Dipole...etc)		PIFA

	2.4GHz 2400-2483.5 MHz
Main	-0.11
Aux	

Cable Assembly Part Number and Information					
	Cable PN	Cable length(mm)	Cable diameter(mm)	Impedance(ohm)	Connector type
Main	0.81 Normal	40	0.81	50	I-PEX 4L 20572-001R-08

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

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2. Document Revision History

Revision #	Revision Details	Issued Date
Rev. 1	First Issue	2024/9/11
Rev. 2	Update antenna drawing text	2024/10/22

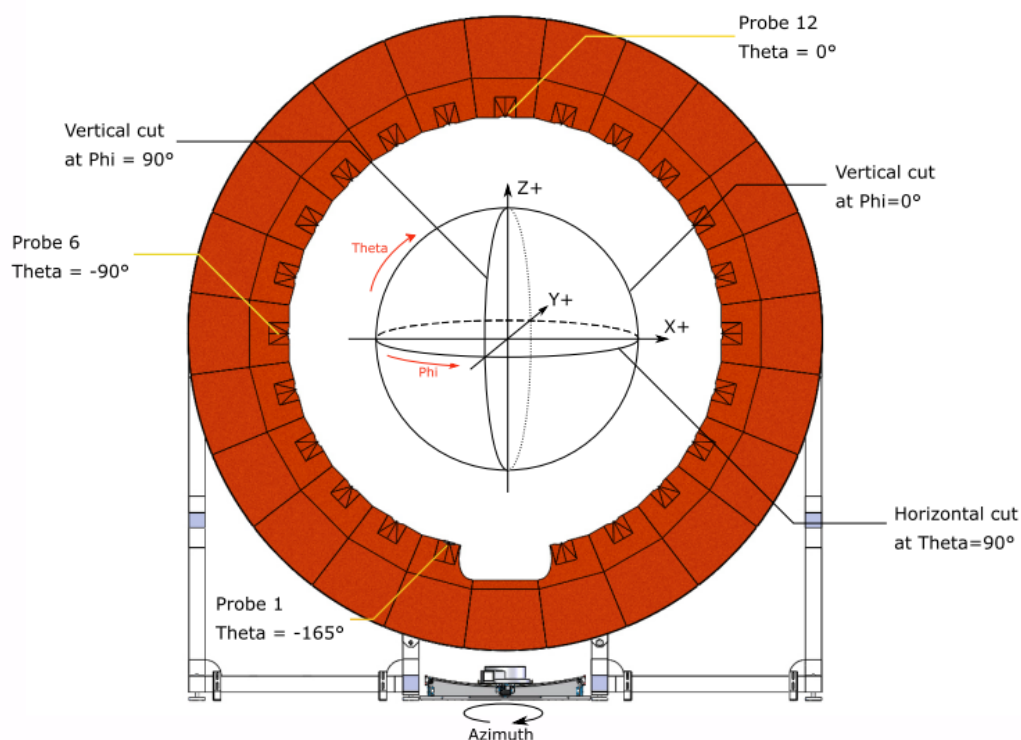
3. Test & System Description

3.1 Measurement Method and System

1. Place the DUT at the center of the turntable.
2. Connecting the test cable to the DUT, and use the SPM software for passive measurement.
3. During the measured process, SATIMO SG24 will conduct radiation testing with the DUT through 23 probes by a vertical 360-degree; then the turntable will rotate a horizontal 180-degree.
4. After, a complete measurement of spherical 3D is completed.

3.2 Test setup

Typical Setup for Satimo-SG24



3.3 Equipment list

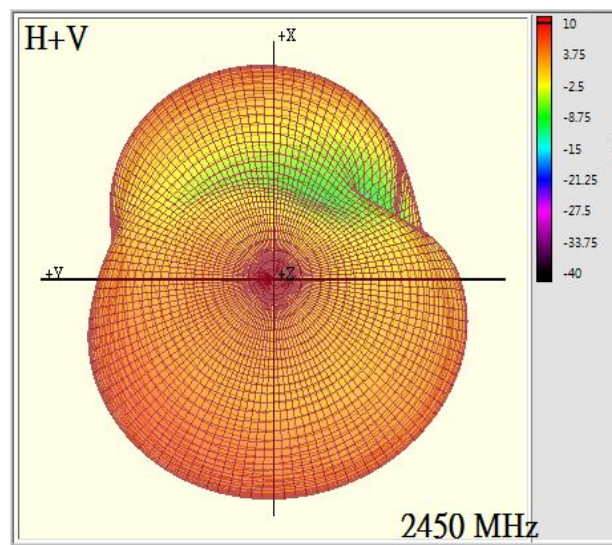
Equipment Description	Manufacturer	Model No.	Serial No.	Last calibration date
Vector Network Analyzer	ROHDE&SCHWARZ			2024/03/03
Horn Antenna	SATIMO	SH400	184	2024/03/03
RF signal cable	SATIMO	HUBER+SUHNER		2024/03/03
Software	SATIMO	WaveStudio		-
Turntable	SATIMO	SG24 Series Accessories	MVG-131	-
Controller	SATIMO	SG24 Series Accessories	63025 65571 63032	2024/03/03
Chamber	SATIMO	555-FAC	CPT-SE-3rd-2021	2024/03/03
Absorber (GHz)		MVG-AEMI 250MHz~40GHz	AEP-18	-

4. Radiation characteristics of antenna loaded in Host Platform

Main Antenna

Max Antenna 3D Radiation Pattern 2400 – 2483.5 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
2400-2483.5	-0.11



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.

