

ANTENNA INFORMATION

OEM	Pegatron
ODM	
Platform model name	
Intel platform (ex: Yes, No or NA)	
Platform type (ex: regular NB, convertible PC, AIO...etc)	Wearable
SAR minimum separation (mm)	FCC (1g)
	ISED (1g)
	ISED (10g)

Antenna manufacturer	Company name	Johanson
	Address	4001 Calle Tecate • Camarillo, CA 93012
Test location	Company name	Pegatron
	Address	No. 11, Alley 120, Lide Rd., Beitou District, Taipei City 112, Taiwan
Test Personnel	Name(Full name)	
	E-mail	Mike_Huang@pegatroncorp.com
	Tel/Mobile	
Testing date		20250822

Antenna Part number	Main	1416-00CB000
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	-13.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aux	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Cable Assembly Part Number and Information					
	Cable PN	Cable length(mm)	Cable diameter(mm)	Impedance(ohm)	Connector type
Main	NA	NA	NA	NA	NA
Aux	NA	NA	NA	NA	NA

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

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1. Document Revision History

Revision #	Revision Details	Issued Date
Rev. 00	First Issue	2025/08/22
Rev. 01	First Issue	2025/10/22

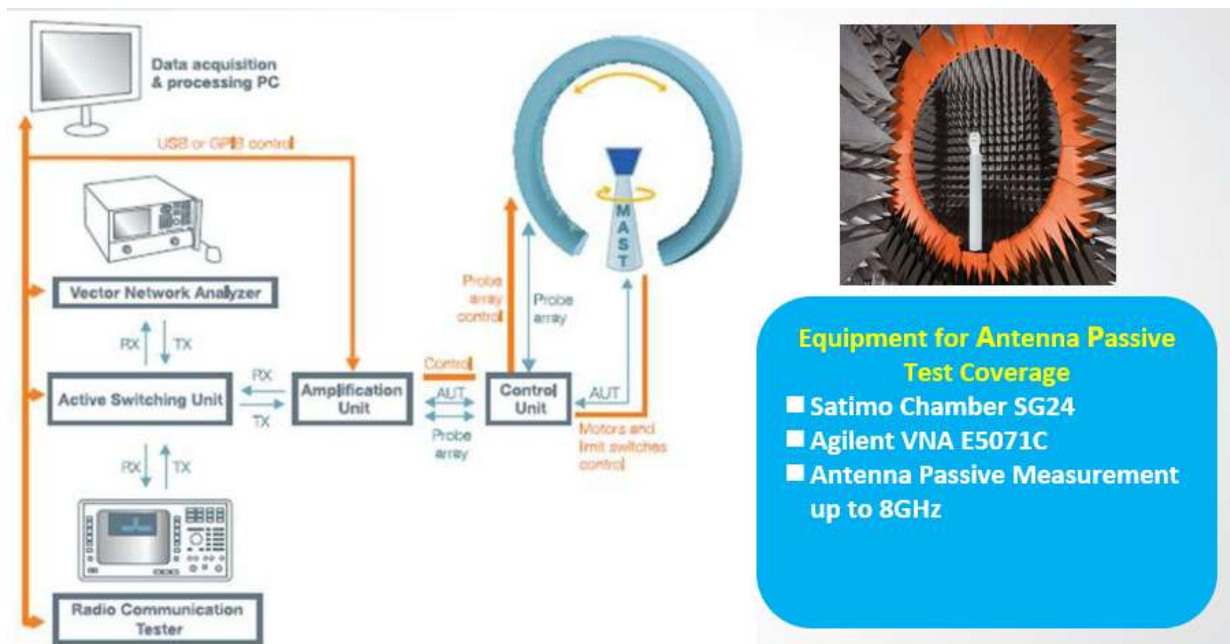
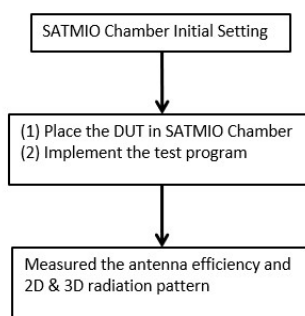
2. Test & System Description

2.1 Measurement Method and System

This test report is prepared for host antenna testing under a Full Anechoic Chamber (Satimo Chamber SG24. Test software used MVG Wave Studio).

2.2 Test setup

Diagram



2.3 Equipment list

	Device	Model	Manufacturer	Cal. Date	Cal. Due Date
1	SATMIO Chamber	SG24	MVG	2024/12/5	2025/12/4
2	Network Analyzer	E5071C	Agilent	2025/7/22	2026/7/21

3. 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	-13.5

