



UACC-U7-Pro-Outdoor-Omni-Antenna- HG Antenna Report

A handwritten signature in black ink that reads "Jerome Cheng".

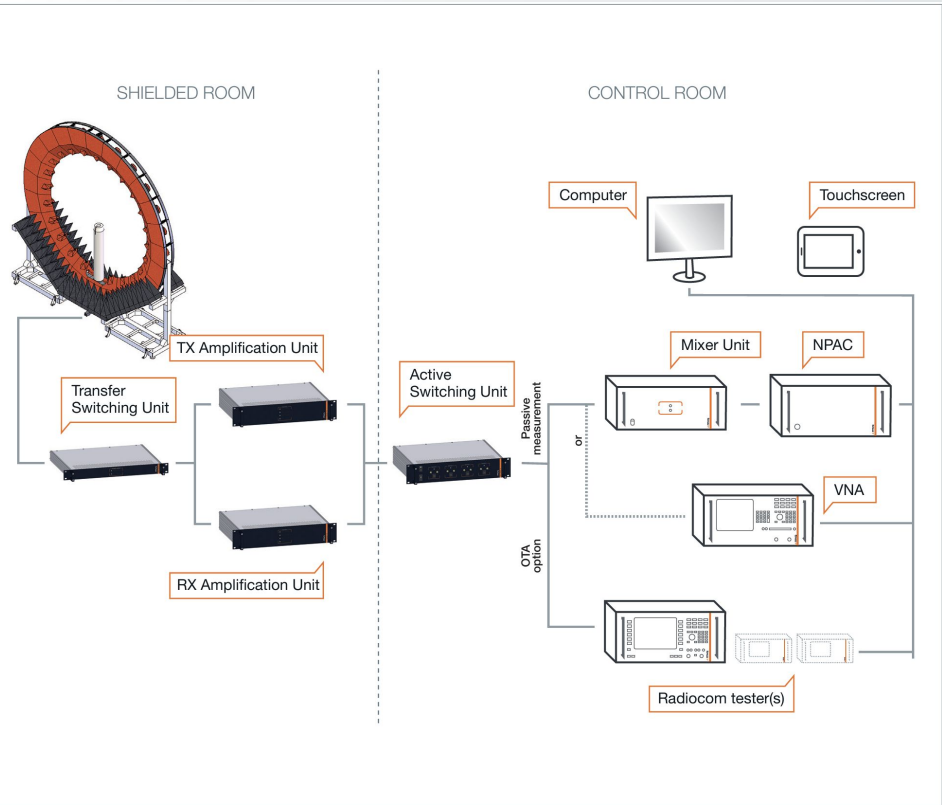
Authorized by: Jerome Cheng



- AUT Environment
 - Instrument Information
 - Test Method
- Antenna Performance
 - 2G Antenna
 - 5G Antenna



AUT Environment



Calibration Record

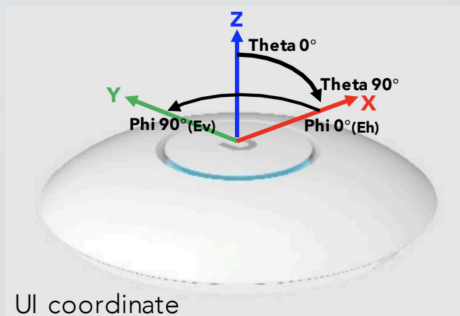
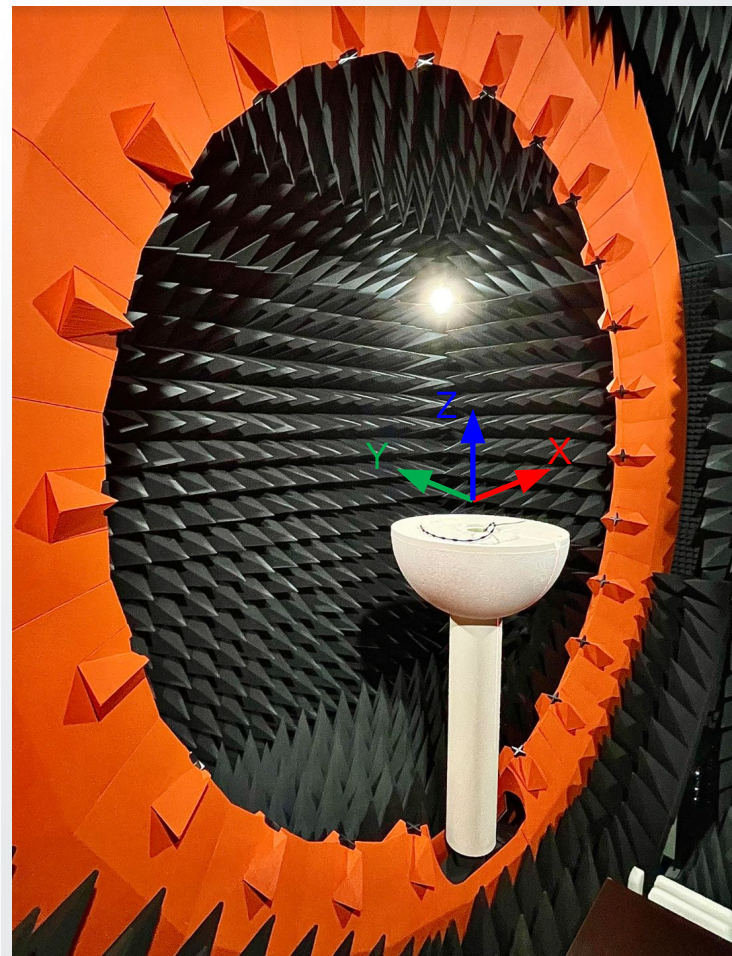
- Full system calibration, including each instrument, will proceed once per year.
- Regular calibration, including efficiency/peak gain consistency check, will proceed with bi-monthly.

Instrument List	Model	Calibration Date	Calibration Due Date
Transfer Switching	MVG	2024/11/13	2025/11/12
TX Amplification	MVG	2024/11/13	2025/11/12
RX Amplification	MVG	2024/11/13	2025/11/12
Active Switching	MVG	2024/11/13	2025/11/12
Network Analyzer	R&S ZNB	2024/11/13	2025/11/12
Radiocom Tester	Anritsu MT8821	2024/11/13	2025/11/12
Full System	SG24-Standard	2024/11/13	2025/11/12

Test Method

Measurement Standard

- To fix device on the turntable, and laser positioning the height level in the center of the probe.
- Align the chamber coordinate and UI coordinate.
- Sampling the antenna pattern according to Phi increment 5° / Theta increment 5° .
- Finished 3D data collection along with Theta- $175^\circ \sim \text{Theta}175^\circ$ and Phi $0^\circ \sim \text{Phi}180^\circ$
- Frequency resolution setup depends on the different bands.



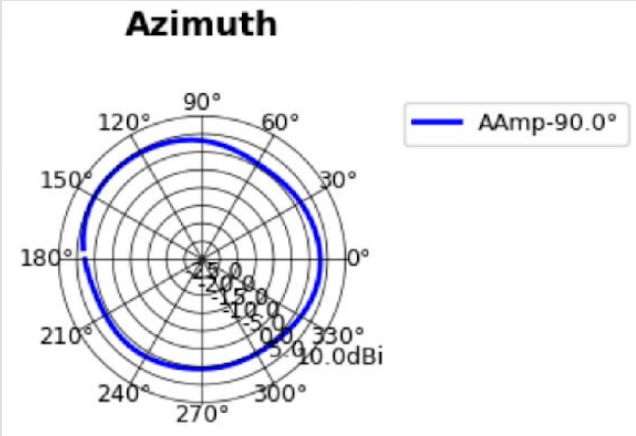
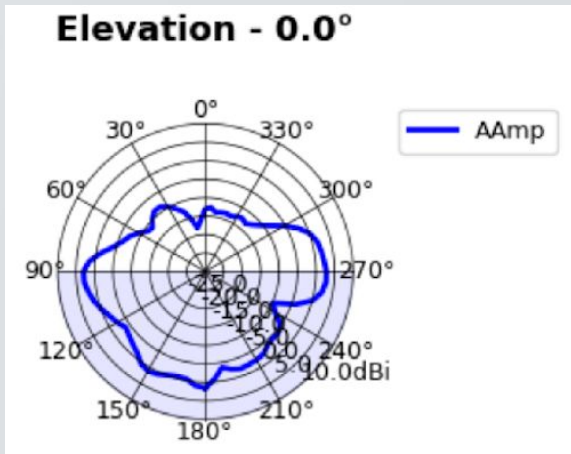
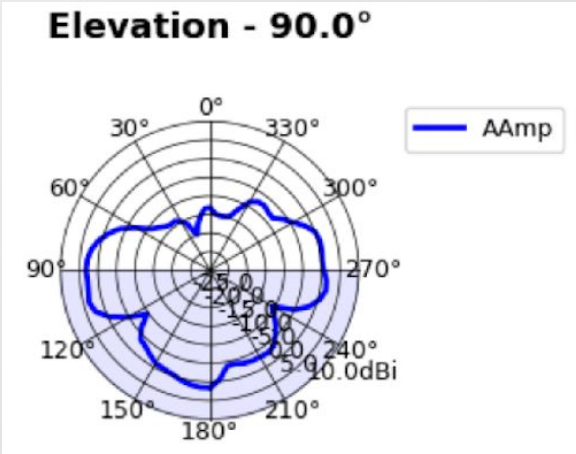
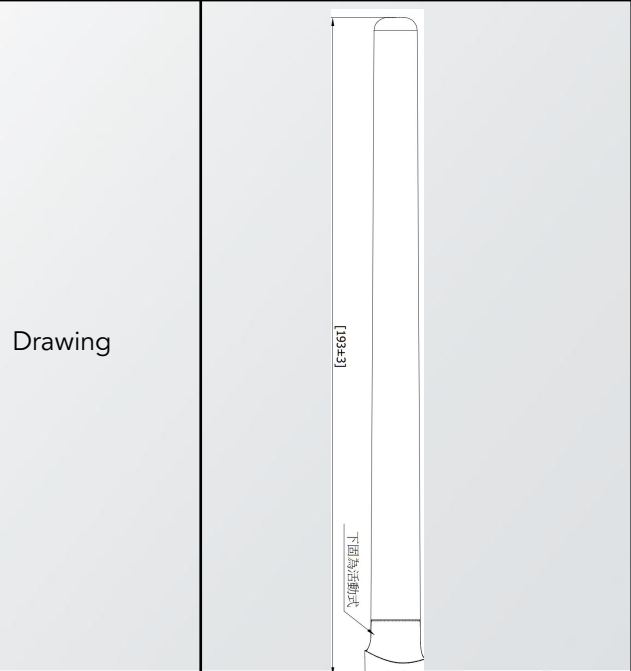


Antenna Performance

[UACC-U7-Pro-Outdoor-Omni-Antenna-HG] 2G Antenna Performance


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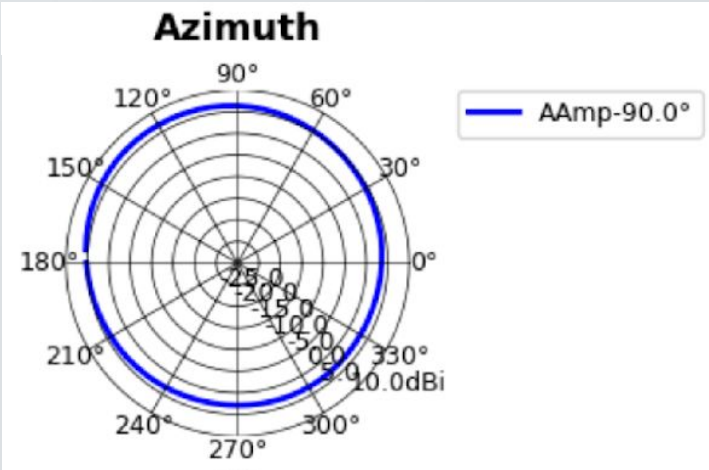
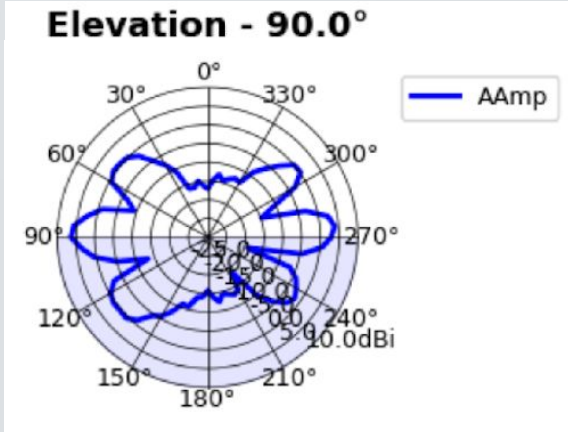
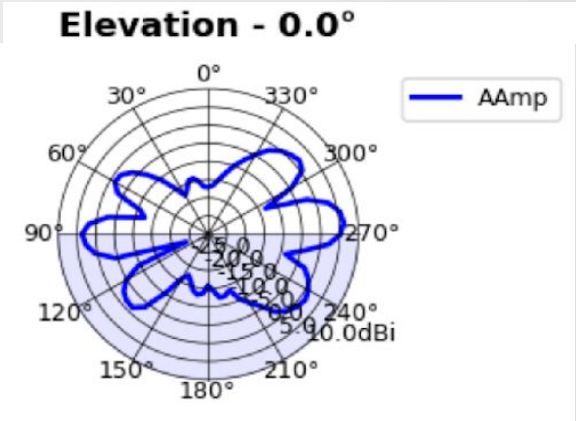
	WIFI 2G
Working frequency	2400-2500 MHz
Antenna type	Dipole
Gain	4.0dBi
Model	117-06057



[UACC-U7-Pro-Outdoor-Omni-Antenna-HG] 5G Antenna Performance

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	WIFI 5G
Working frequency	5150-5850 MHz
Antenna type	Dipole
Gain	7.0dBi
Model	117-06057
Drawing	





Manufacturer: Ubiquiti Inc.
Address: 685 3rd Avenue Floor New York, NY 10017 United States