



UVC-G6-Edge-Turret Antenna Datasheet

Wayne Tang

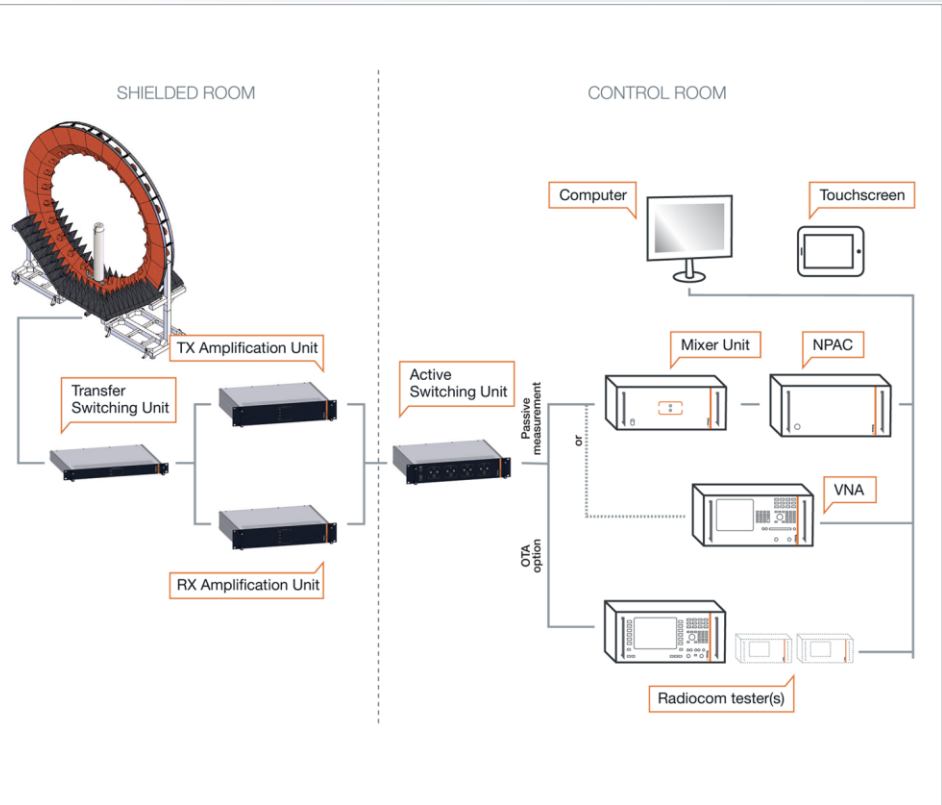


- AUT Environment
 - Instrument Information
 - Test Method
- Antenna Performance
 - BT Antenna



AUT Environment

Instrument Information

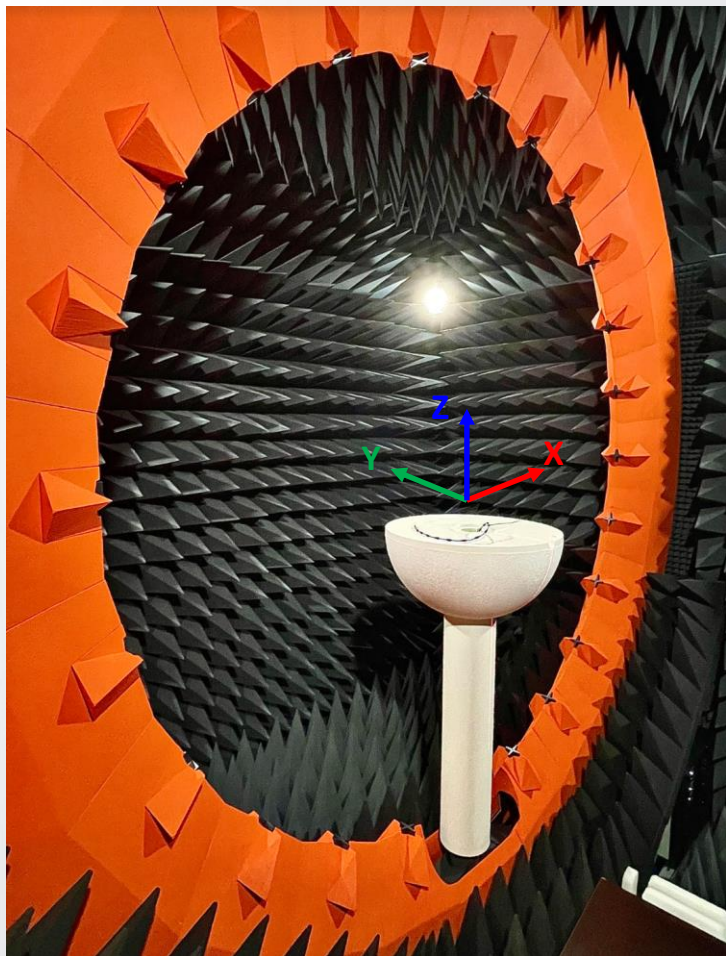


Calibration Record

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

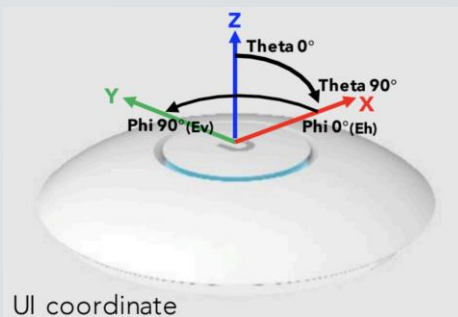
Instrument List	Manufacturer	Calibration Date	Calibration Due Date
Transfer Switching	MVG	2025/12/01	2026/11/31
TX Amplification	MVG	2025/12/01	2026/11/31
RX Amplification	MVG	2025/12/01	2026/11/31
Active Switching	MVG	2025/12/01	2026/11/31
Network Analyzer	R&S ZNB	2025/12/01	2026/11/31
Radiocom Tester	Anritsu MT8821	2025/12/01	2026/11/31
Full System	SG24-Standard	2025/12/01	2026/11/31

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.





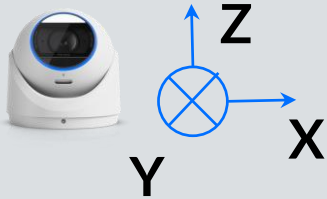
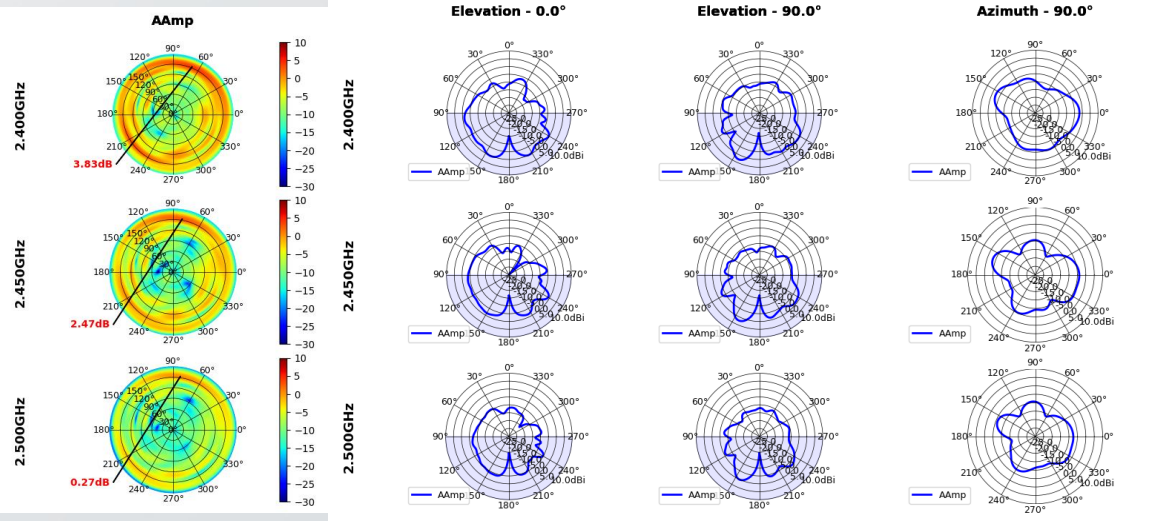
Antenna Performance

[UVC-G6-Edge-Turret] Antenna Performance



117-06468	BT
Working frequency	2400-2500 MHz
Antenna type	PIFA
Gain	4 dBi @ 2.4G Band
Material	FPCB Antenna
Model	117-06468
Drawing	

BT Pattern





Manufacturer: Ubiquiti Inc.

Address: 685 3rd Avenue Floor New York, NY 10017 United States