



U7-Pro-Wall-XG Antenna Datasheet

Sony Chayadi

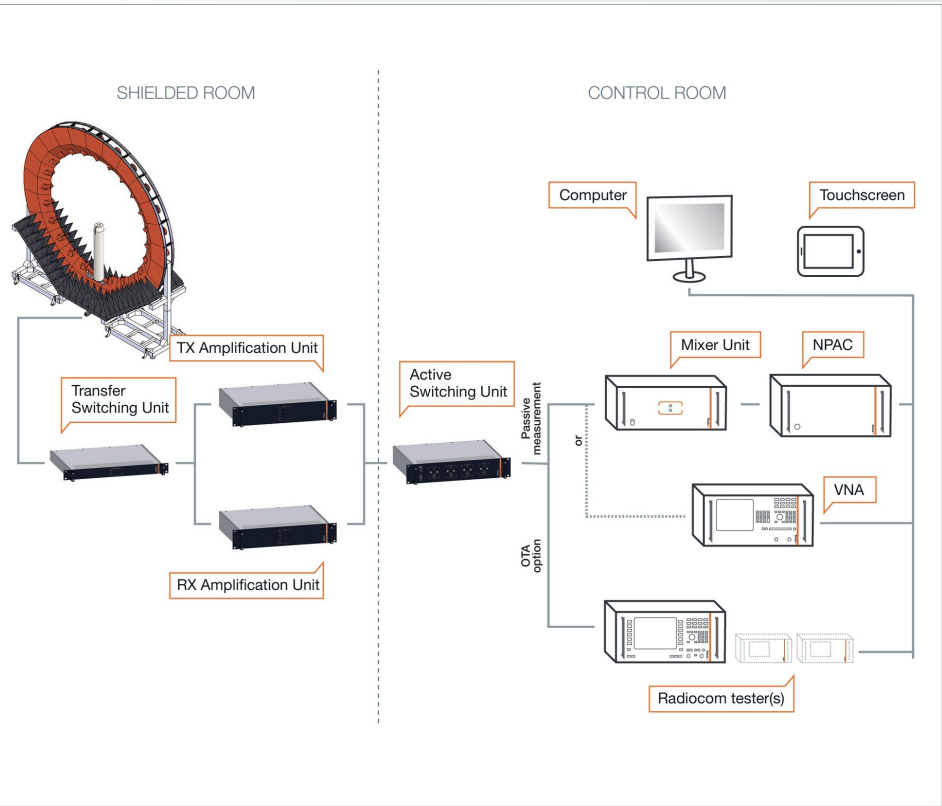
Authorized by: Sony Chayadi



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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.

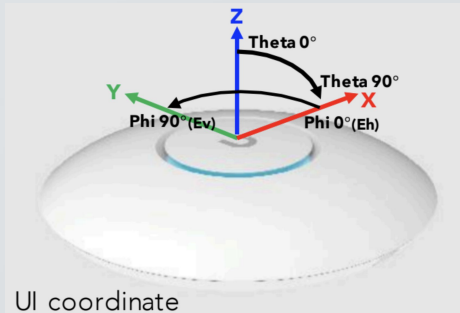
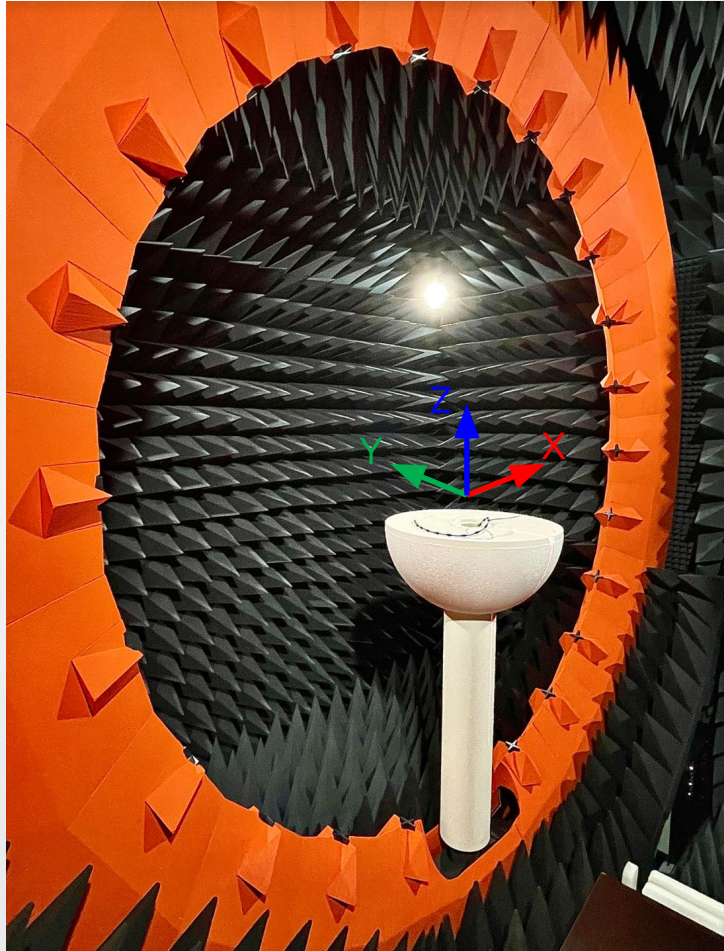
Instrument List	Model	Calibration Date	Calibration Due Date
Transfer Switching	MVG	2024/11/13	2025/11/12
TX Amplification	MVG	2024/11/13	2025/11/12
RX Amplification	MVG	2024/11/13	2025/11/12
Active Switching	MVG	2024/11/13	2025/11/12
Network Analyzer	R&S ZNB	2024/11/13	2025/11/12
Radiocom Tester	Anritsu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

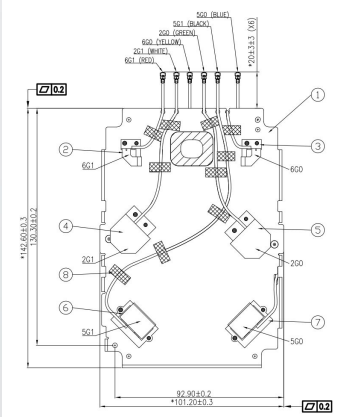


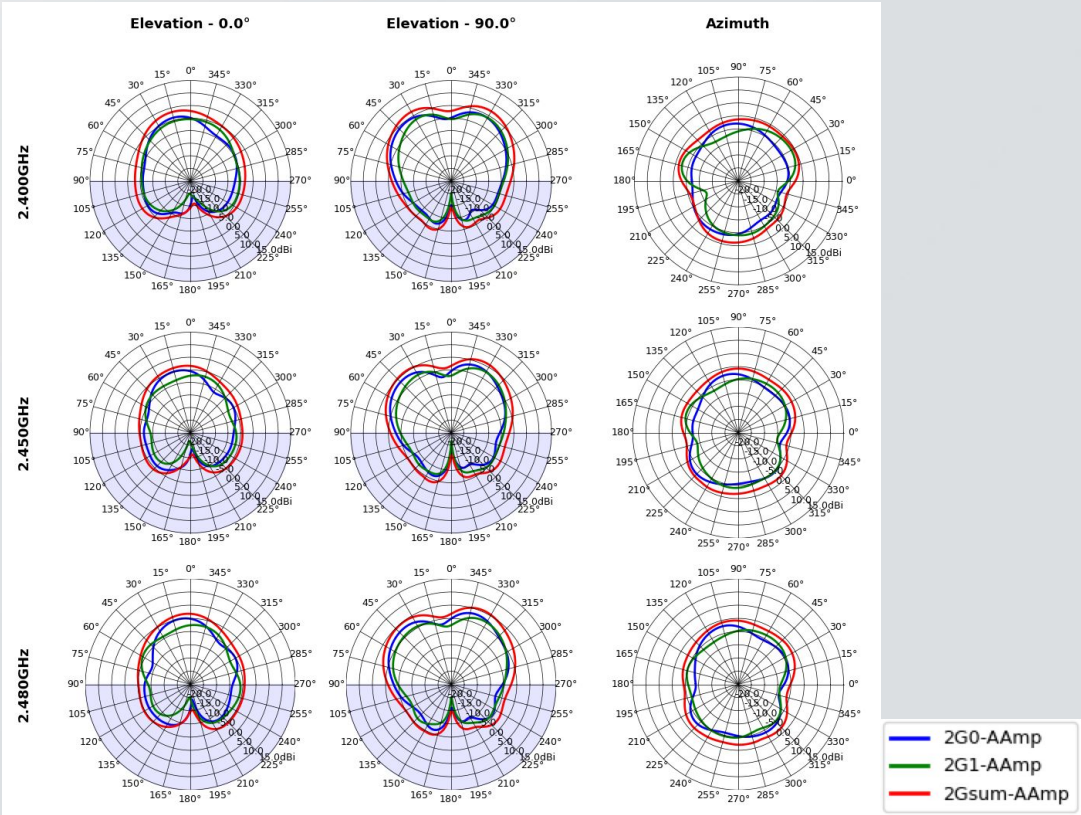


Antenna Performance



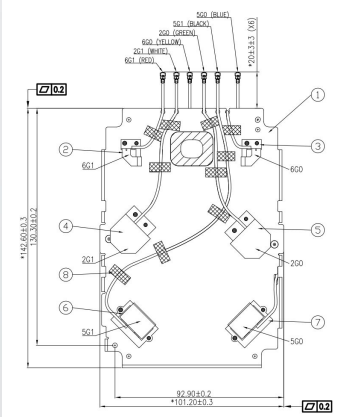
[U7-Pro-Wall XG] Antenna Performance

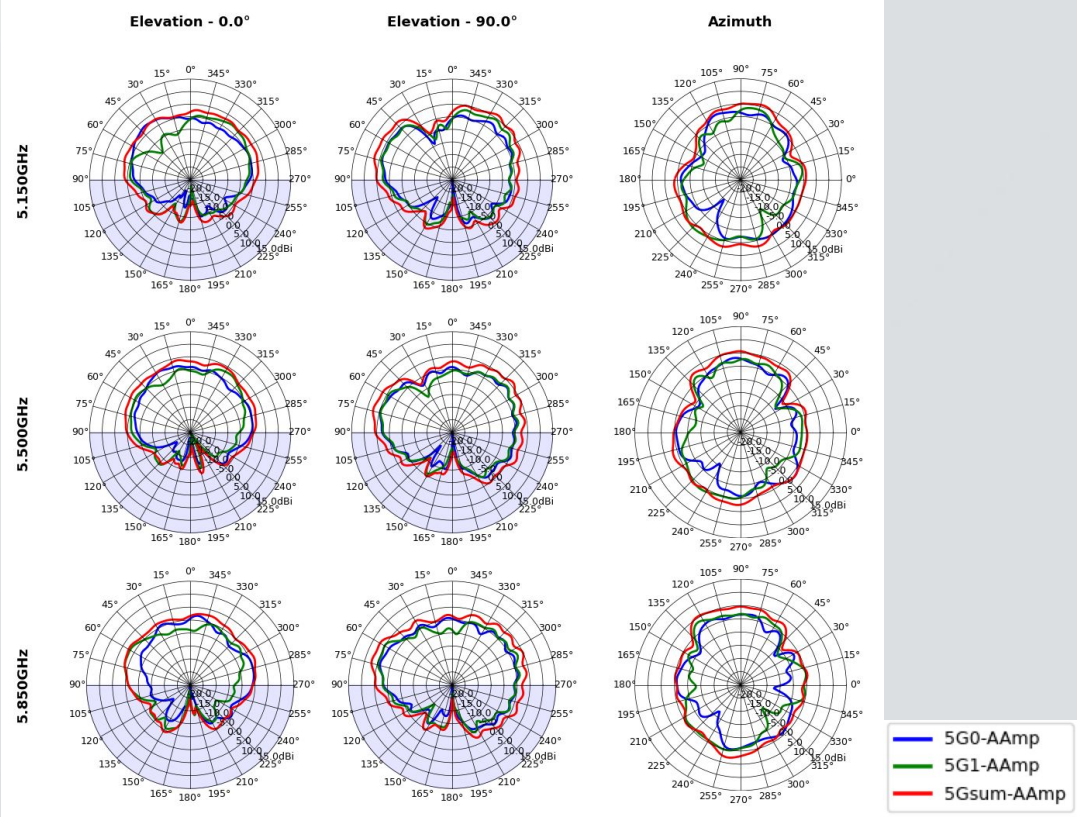
	2G
Working frequency	2400 – 2480 MHz
Antenna type	PIFA
Gain	4 dBi
Model	117-06395
Drawing	





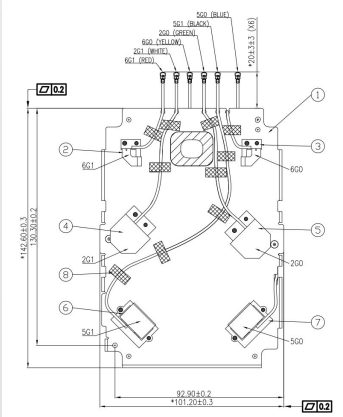
[U7-Pro-Wall XG] Antenna Performance

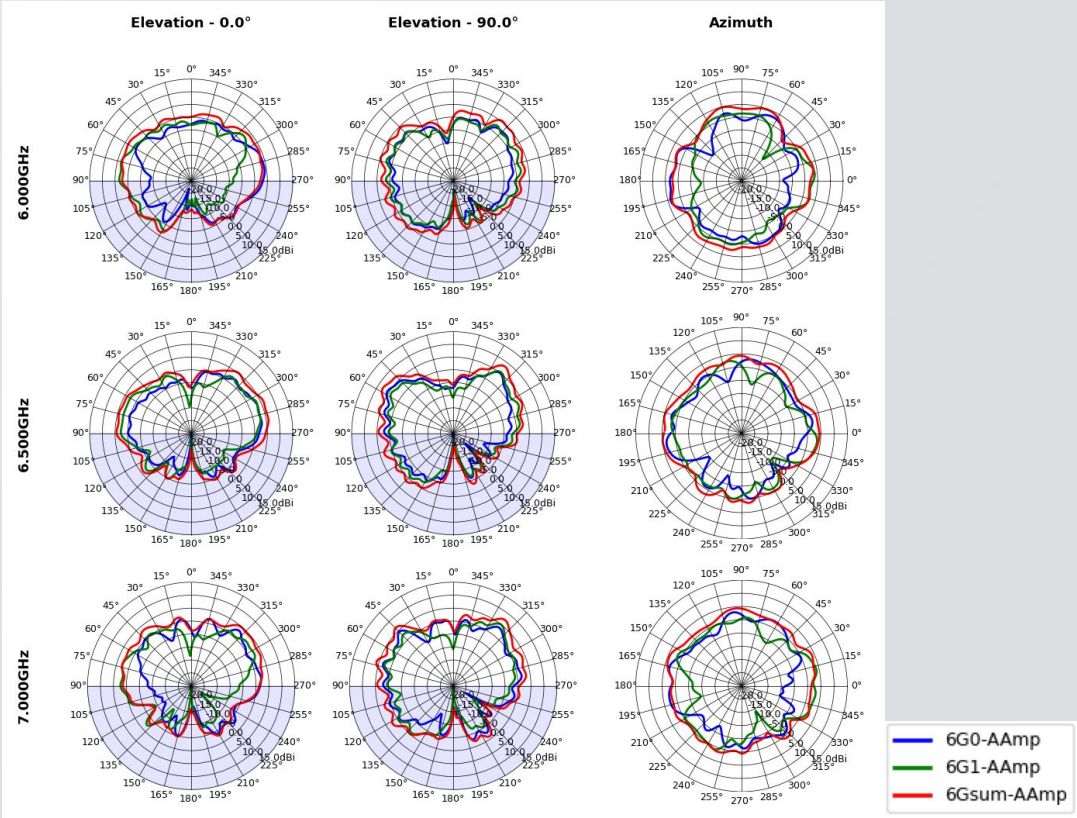
	5G
Working frequency	5150 – 5850 MHz
Antenna type	PIFA
Gain	6 dBi
Model	117-06395
Drawing	





[U7-Pro-Wall XG] Antenna Performance

	6G
Working frequency	5925 – 7125 MHz
Antenna type	PIFA
Gain	6 dBi
Model	117-06395
Drawing	





Manufacturer: Ubiquiti Inc.
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