

The Quectel logo is located in the top left corner. It features the word "QUECTEL" in a bold, white, sans-serif font. A red swoosh underline is positioned beneath the "Q".

QUECTEL

The Quectel logo is located on the left side of the image. It features the word "Quectel" in a bold, red, sans-serif font. A red swoosh underline is positioned beneath the "Q".

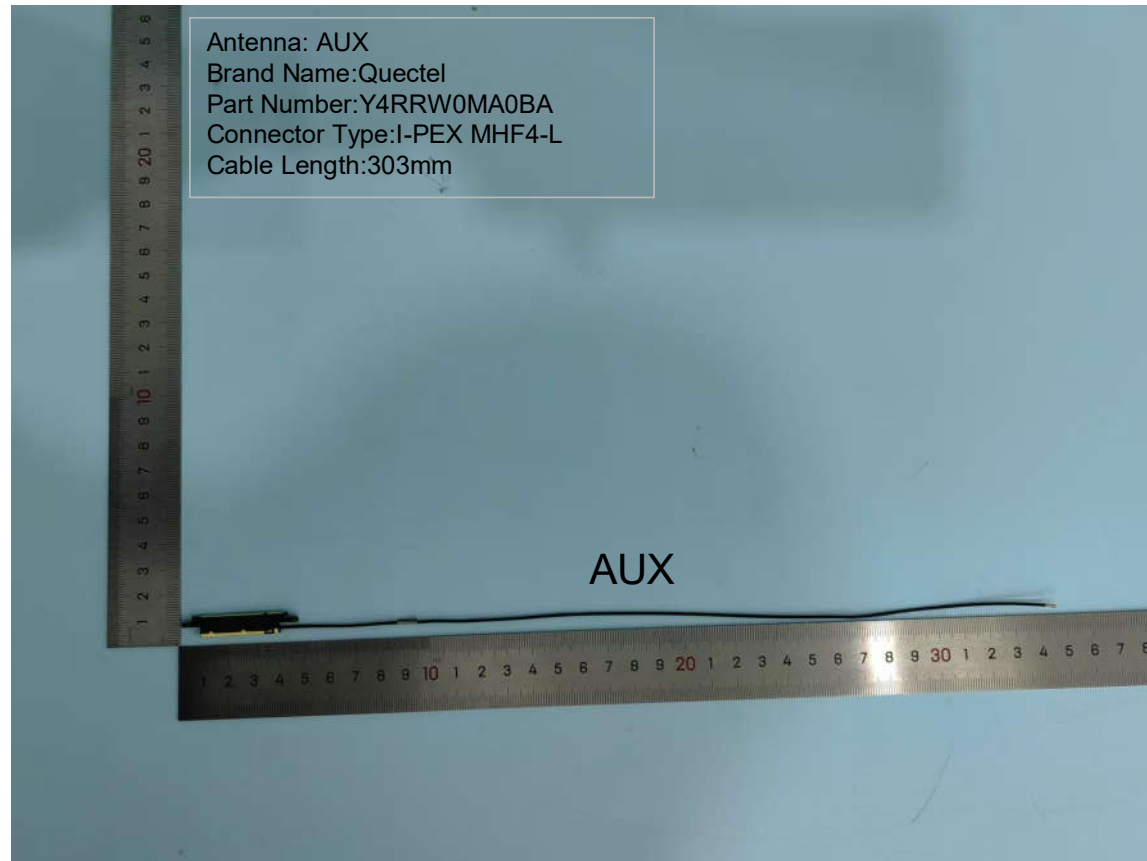
Quectel

Y4RRW0MA0BA

2024/12/18

Build a Smarter World

AUX Antenna Photos



AUX Antenna Specification



Antenna vendor Part Number (Main & Aux parts)	Type	Antenna Vendor	2.4GHz	5.15-5.35GHz	5.47-5.725GHz	5.725-5.850GHz	5.925-7.125GHz	Cable loss (dB)	Connector Type	Cable length
Aux : Y4RRW0MA0BA	PIFA	Quectel	2.58	2.71	2.96	3.16	3.80	0.80dB @ 2.4GHz 1.26dB @ 5GHz 1.37dB @ 5.925~6.425GHz 1.40dB @ 6.425~6.525GHz 1.47dB @ 6.525~6.875GHz 1.52dB @ 6.875~7.125GHz	I-PEX MHF4-L	303mm

AUX Antenna Data



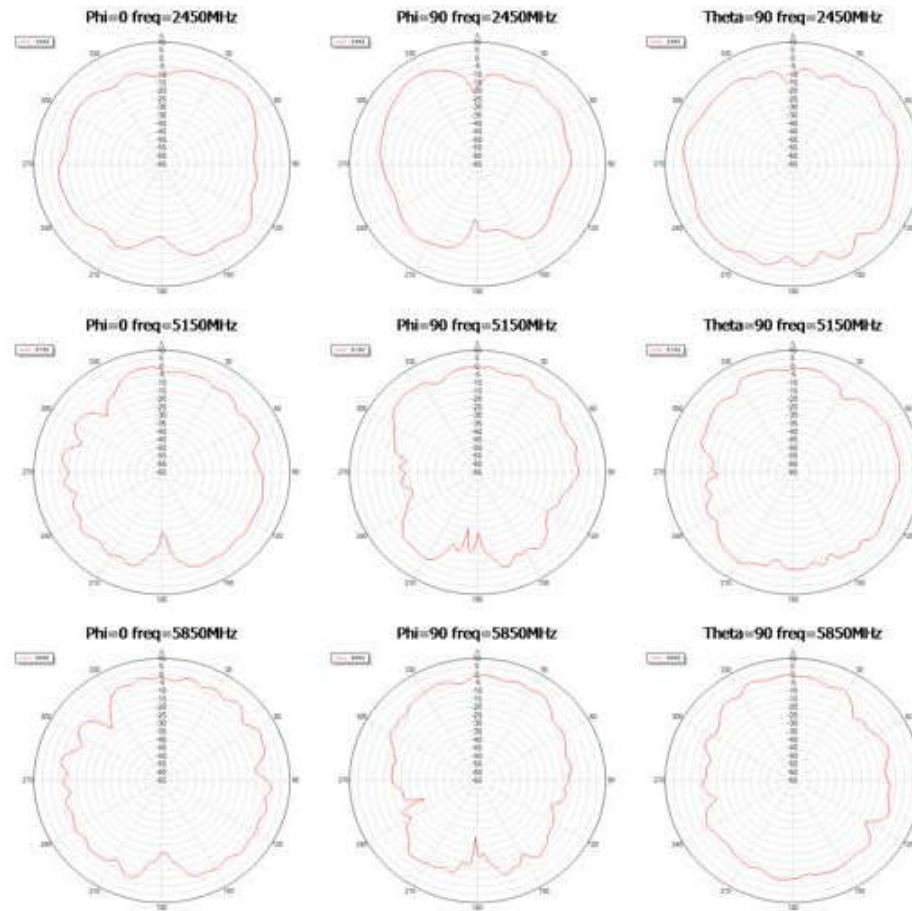
Antenna Data			
Frequency (MHz)	Efficiency (dB)	Gain(dBi)	Efficiency (%)
2400	-4.37	2.03	36.53
2450	-3.68	2.58	42.84
2500	-4.18	2.12	38.18
5150	-4.89	2.71	32.40
5250	-4.85	2.26	32.70
5350	-5.05	2.38	31.29
5450	-5.18	2.96	30.34
5550	-4.73	2.90	33.64
5650	-4.53	2.79	35.27
5750	-4.78	1.90	33.26
5850	-4.58	3.16	34.86
5925	-5.05	1.78	31.26
6125	-4.61	2.17	34.57
6425	-4.58	2.47	34.86
6525	-4.70	2.80	33.91
6725	-4.70	3.80	33.92
6825	-4.99	2.79	31.69
7025	-4.60	2.15	34.70
7125	-5.15	2.29	30.58

AUX Antenna Data

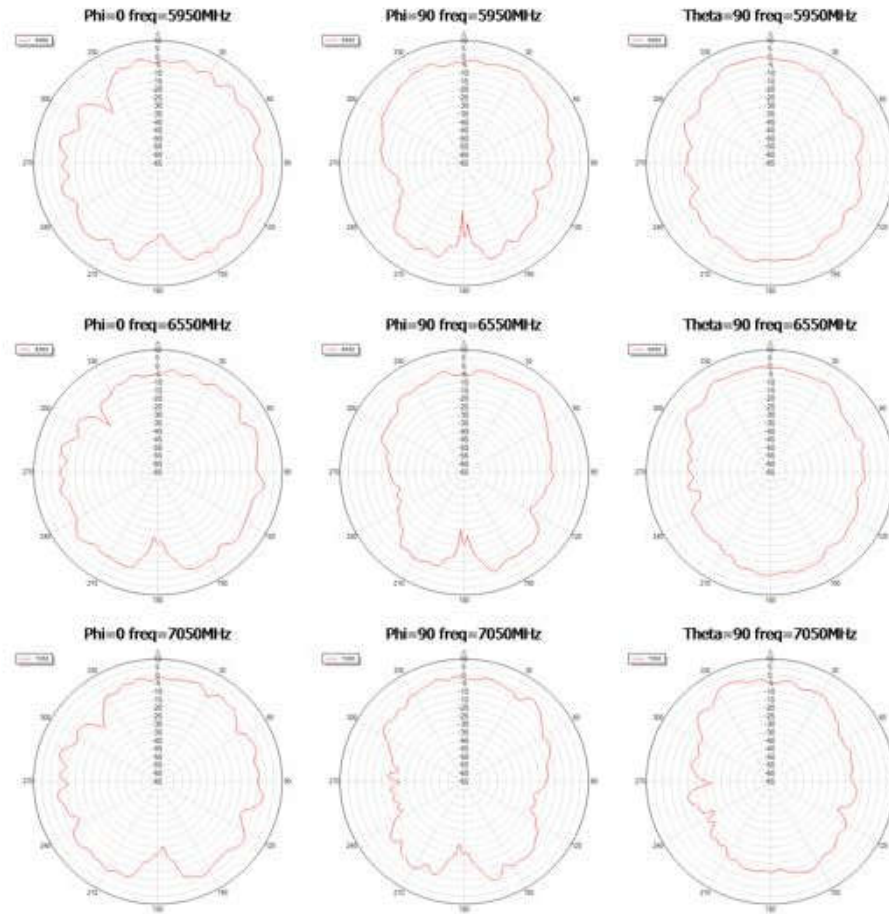


Brand	Main/Aux	Model	Peak gain with cable loss	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length (mm)
Quectel	AUX	Y4RRW0MA0BA	2.58dBi @ 2.4GHz 3.16dBi @ 5GHz 2.17dBi @ 5.925~6.425GHz 2.47dBi @ 6.425~6.525GHz 3.80dBi @ 6.525~6.875GHz 2.29dBi @ 6.875~7.125GHz	0.80dB @ 2.4GHz 1.26dB @ 5GHz 1.37dB @ 5.925~6.425GHz 1.40dB @ 6.425~6.525GHz 1.47dB @ 6.525~6.875GHz 1.52dB @ 6.875~7.125GHz	PIFA	I-PEX MHF4-L	303

AUX Antenna 2D Radiation Pattern



AUX Antenna 2D Radiation Pattern





We are a global IoT solutions provider, backed by outstanding support and services, to deliver a smarter world.

- Unbeatable choice from the broadest module portfolio in the world
- High quality range of off-the-shelf and customized antennas
- Superb support with the largest R&D team in the industry
- Continuous innovation – in 5G, LPWA, Automotive, Smart module technology
- A passionate, dedicated team of "Quectelers" ensures our customers always come first

Thank You

Build a Smarter World

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai 200233, China

Tel: **+86 21 5108 6236** Sales Support: sales@quectel.com

Technical Support: support@quectel.com General: info@quectel.com