

QYA-20T28G-01

Ultra-wideband Quasi-Yagi Antenna

Description

The QYA-20T28G-01 is an ultra-wideband quasi-Yagi antenna. This antenna array utilizes our company's patented ultra-wideband balun, which enables low-cost implementation. This antenna covers the frequency range of 20 to 28 GHz with high gain and low sidelobes. Quasi-Yagi antenna arrays capable of producing customer-specific gain and bandwidth are also available.



Applications

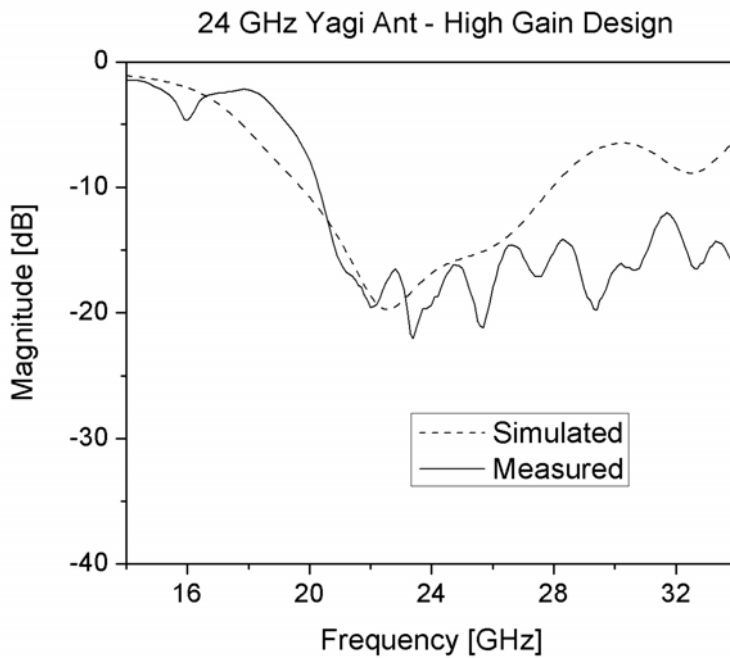
- ✓ 24 GHz Collision Avoidance
- ✓ Automotive Radar Systems
- ✓ Communication Systems
- ✓ Sensor Sub-assemblies
- ✓ Radiometers

Features

- ✓ Ultra-wideband
- ✓ High Gain
- ✓ Low Sidelobes
- ✓ Low VSWR
- ✓ Size: 10 x 20 mm

Electrical Specifications

Parameter	Units	Min.	Typ.	Max.
Frequency Range	GHz	20	-	28
Gain	dBi	5	5.5	6
Beamwidth	deg	75	80	85
Front-back Ratio	dBc	10	13	15

Return Loss

Radiation Pattern at 24 GHz (E-plane)
