



ATH26G40A-1 Antenna

- 26.5GHz-40GHz

Features

The Model ATH26G40A-1 is a wide band, low gain, wide beamwidth, high power microwave horn antenna. With a minimum gain of 9dB over isotropic, the Model ATH26G40A-1 supplies the high intensity fields necessary for RFI/EMI field testing within and beyond the confines of a shielded room. The Model ATH26G40A-1 is extremely compact and light weight for ready mobility, yet is built tough enough for the extra demands of outdoor use and easily mounts on a rigid waveguide by the waveguide flange. Part of a family of microwave frequency antennas, the Model ATH26G40A-1 provides the 26.5-40GHz response required for many often used test specifications.

The export classification for this equipment is EAR99. These commodities, technology or software are controlled for export in accordance with the U.S. Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

Specifications

FREQUENCY RANGE: 26.5-40 GHz

POWER INPUT (maximum): 240 watts CW

GAIN (over isotropic): See Curve

VSWR: Maximum, 1.3:1; Average, 1.2:1

BEAM WIDTH (average, E & H plane): See Curve

CONNECTOR: WR-28 waveguide

MOUNTING PROVISIONS: Waveguide flange

WEIGHT (maximum): 122 g. (4.3 oz.)

SIZE (WxHxD): 1.9 x 1.9 x 2.54 cm, (0.75 x 0.75 x 1.00 in)

EXPORT CLASSIFICATION: EAR99

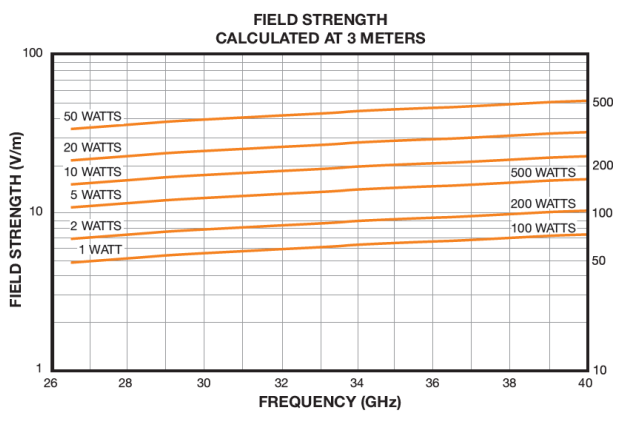
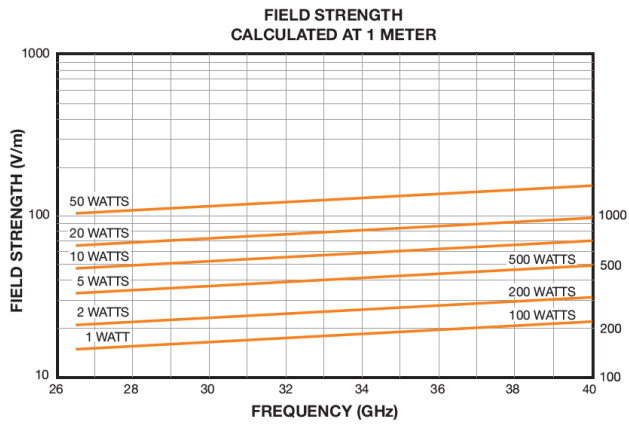
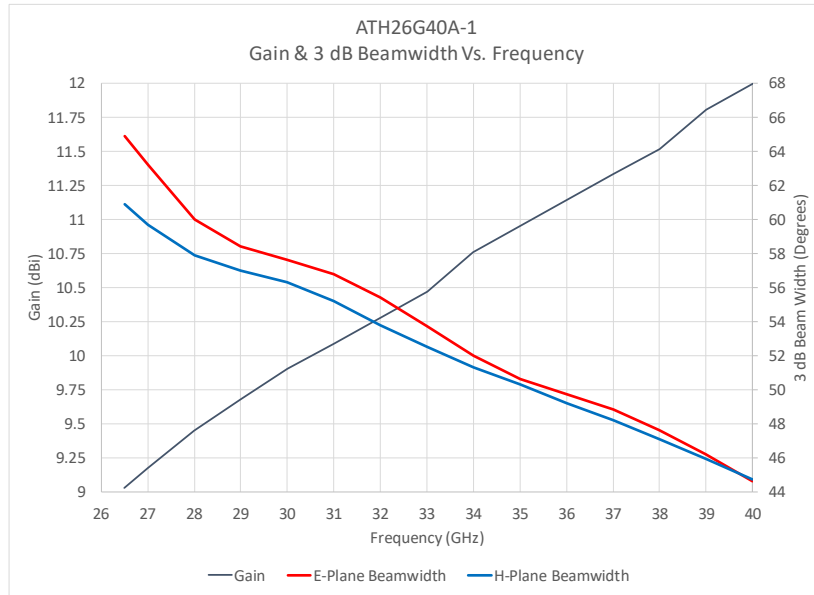
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Field strengths have been calculated in free-space conditions. Individual shielded rooms, amplifiers, and test-system conditions will influence performance. Field strength also varies with frequency and position of antenna and EUT in non-anechoic testing environments.