



Antenna JCMA-17

Dual-polarized directional antenna JCMA-17-50 is designed for links at the frequency band 17 GHz. The antenna is designed as small antenna for directional links for short distance.

Electrical parameters:

Frequency range	17.1 – 17.3 GHz
Gain	22.6 ± 0.6 dBi
Return loss	≥ 18 dB
Beamwidth _{-3 dB}	11°
Front to back ratio	≥ 45 dB
Cross-port isolation	≥ 45 dB
Polarization	vertical / horizontal

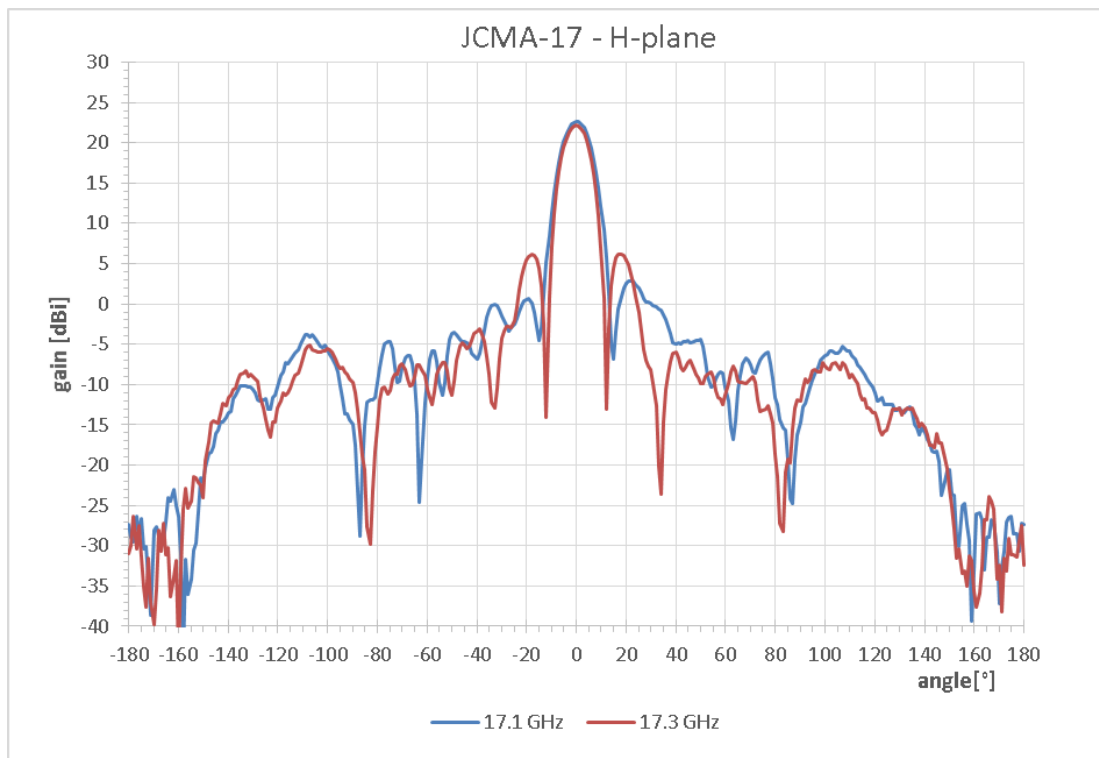
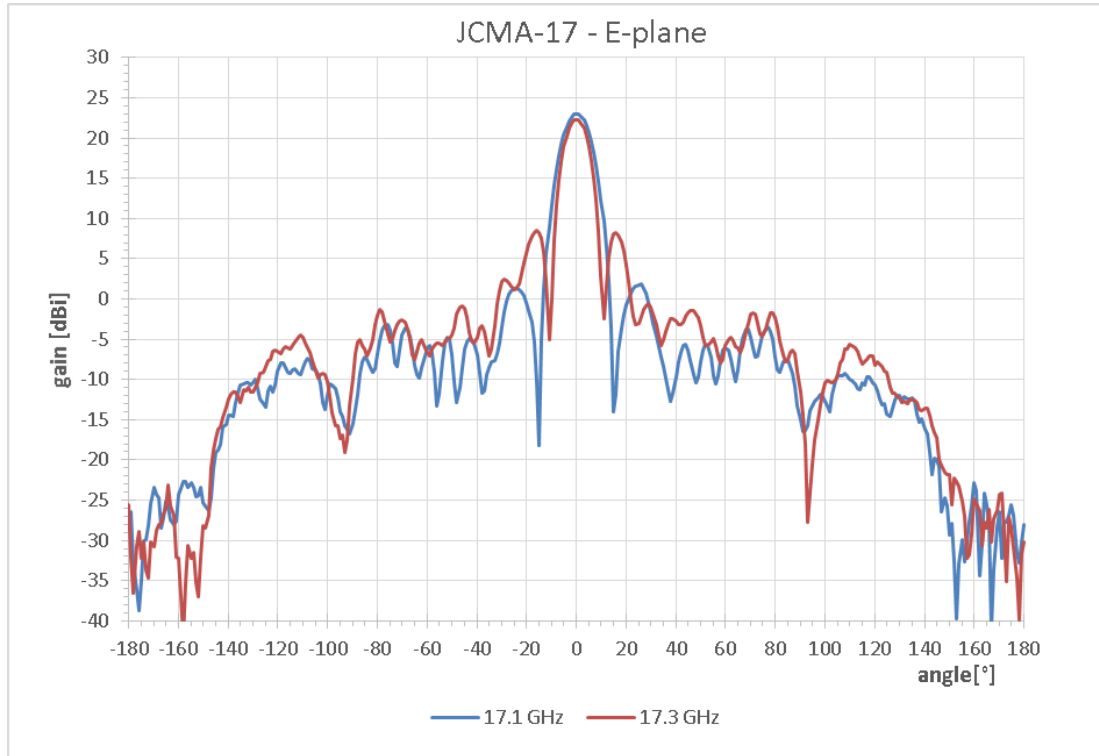
Mechanical parameters:

Input / output	Circular waveguide Ø 11 mm
Cover	UV steady plastic ABS
Installation for mast	Ø 40 - 120 mm
Weight of antenna	2.2 kg (4.9 lbs)
of holder	3.5 kg (7.7 lbs)

The antenna is supplied together with a massive holder that allows easy mounting on a mast. Holder can be installed separately on the mast. Subsequently, you can simply hang up the antenna with microwave unit into it. Whole antenna system has extreme wind stability. Holder allows fine setting elevation (of gradient) and azimuth ± 20°.

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The radiation pattern:





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Photogallery:



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Outline:

