



Sector antenna JSMA-17-50

Dual-polarized sector antenna JSMA-17-50 is designed for point-to-multipoint links at the frequency band 17 GHz. The antenna is designed for the links in the area with high interference and to divide of the area to the several sectors.

Electrical parameters:

Frequency range	17.1 – 17.3 GHz
Gain	15.5 ± 0.6 dBi
Return loss	≥ 18 dB
Beamwidth azimuth -3 dB / -6dB	50° / 62°
Beamwidth elevation -3 dB / -6dB	10° / 14°
Front to back ratio	≥ 38 dB
Cross-port isolation	≥ 45 dB
Polarization	Linear, vertical and horizontal

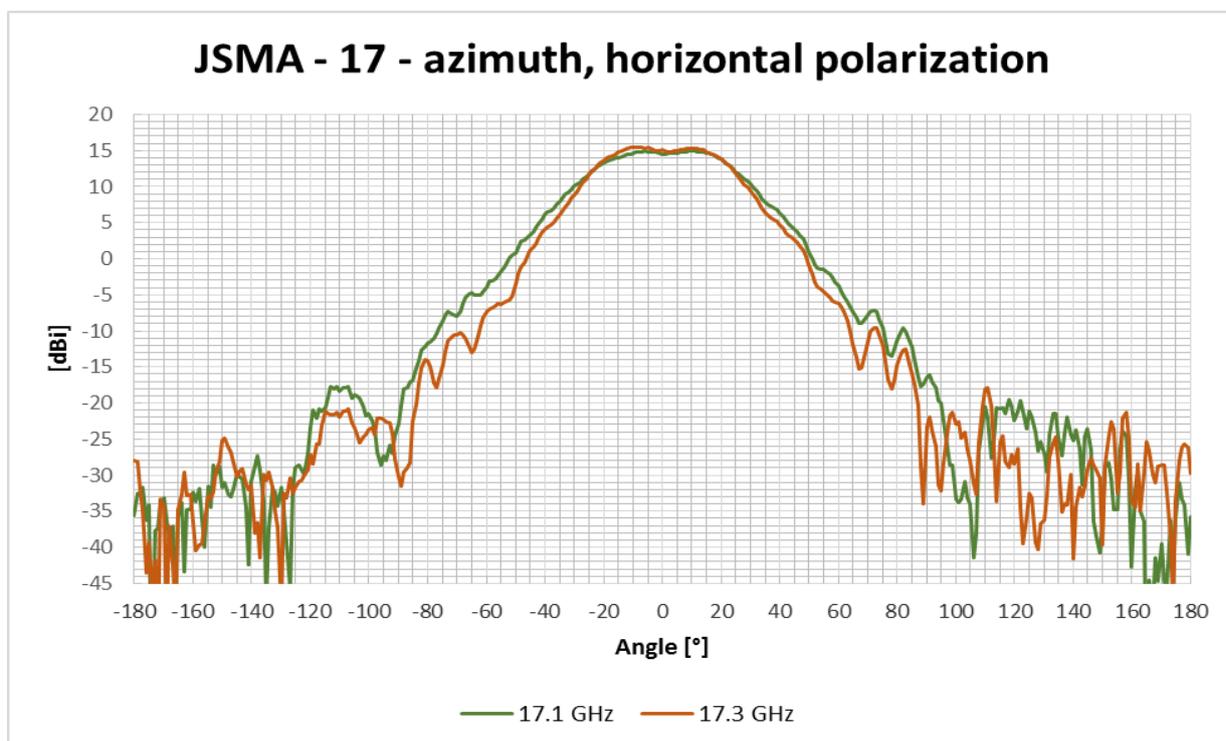
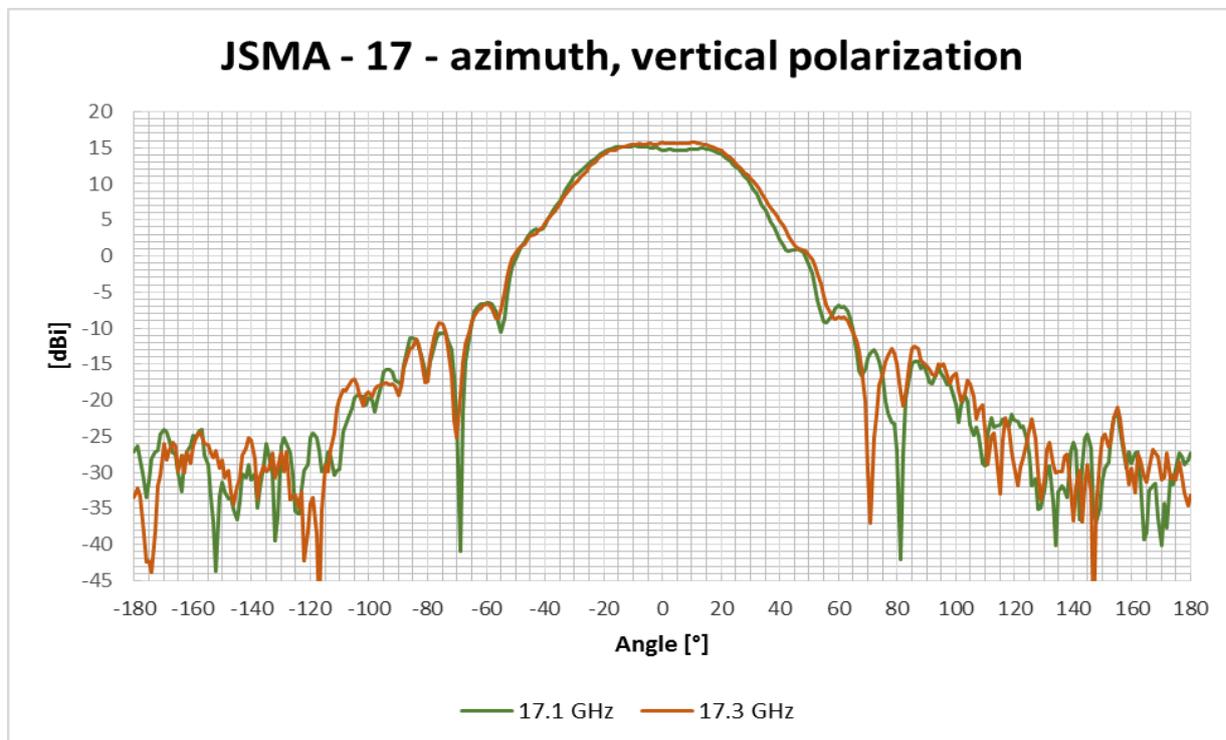
Mechanical parameters:

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)

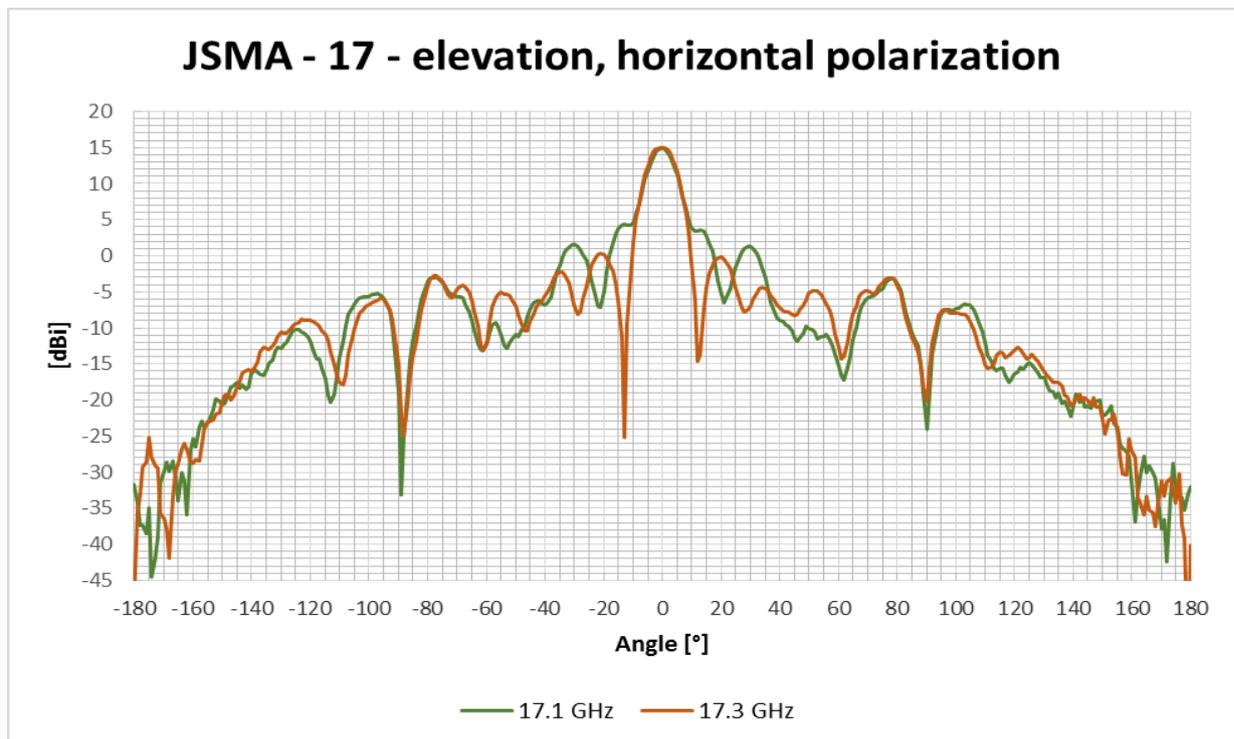
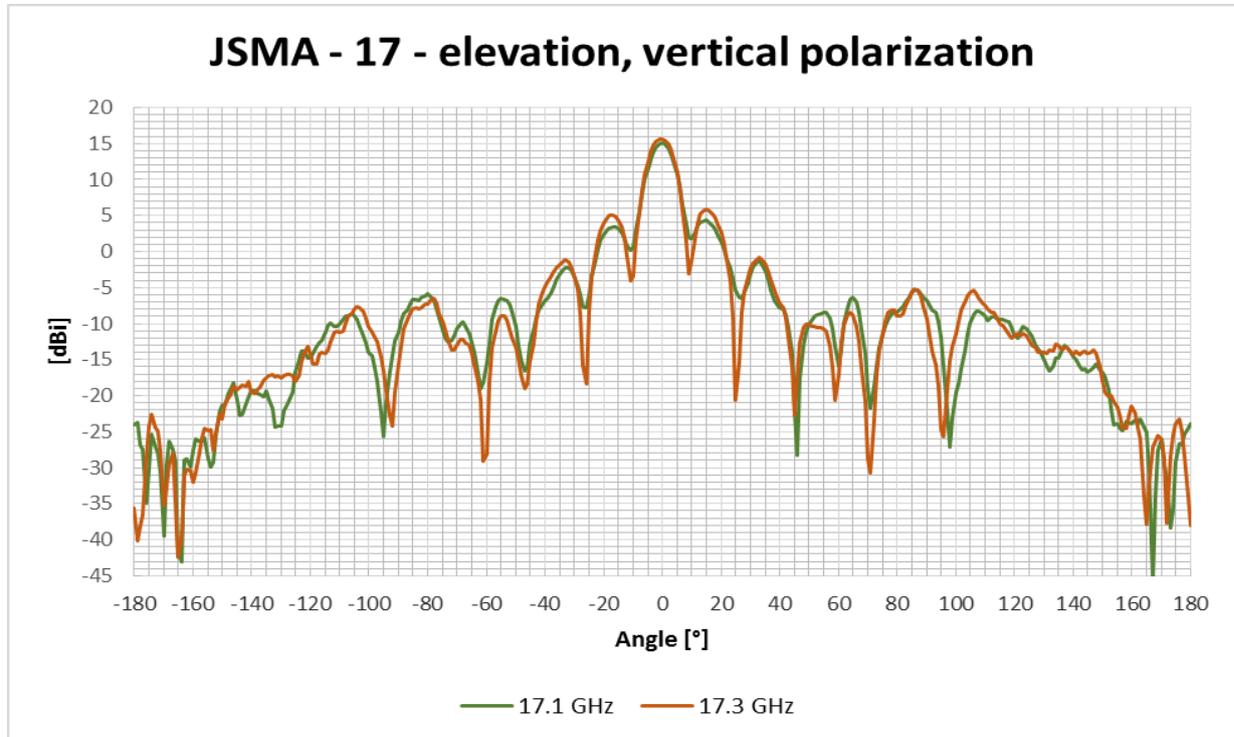
The antenna is supplied together with a massive holder that allows easy mounting on a mast. Holder can be installed separately on the mast. Subsequently, you can simply hang up the antenna with microwave unit into it. Whole antenna system has extreme wind stability. Holder allows fine setting elevation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

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The radiation pattern:



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Photogallery:



Contact:

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Outline:

