

YOA-080

Portable Broadband Omnidirectional Antenna

At a Glance

The YOA-080 is a portable broadband omnidirectional antenna with a frequency range of 400 MHz - 8 GHz.

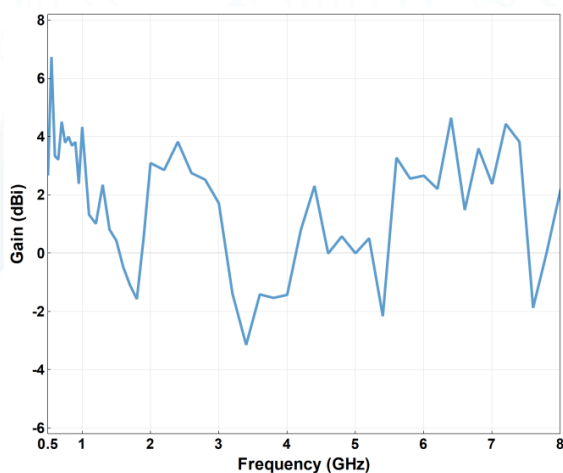


Specifications

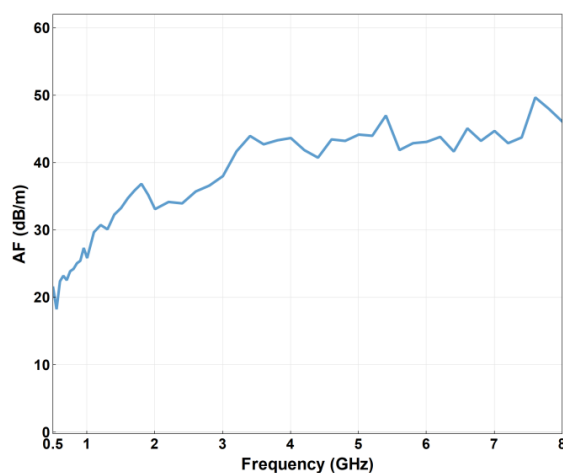
Specification	Value
Frequency range	400 MHz - 8 GHz
Gain	2 dBi (typ.)
VSWR	<3.0 (typ.)
RF connection	SMA(M)
Impedance	50 Ω
Polarization	Linear
Directivity	Omnidirectional in the horizontal plane
Maximum input power	10 W
Operating temperature	-20 to 50 °C
Dimensions (L x W x D)	210 x 43 x 13 mm
Weight	30 g

YOA-080 Gain and Antenna Factor

YOA-080 Gain

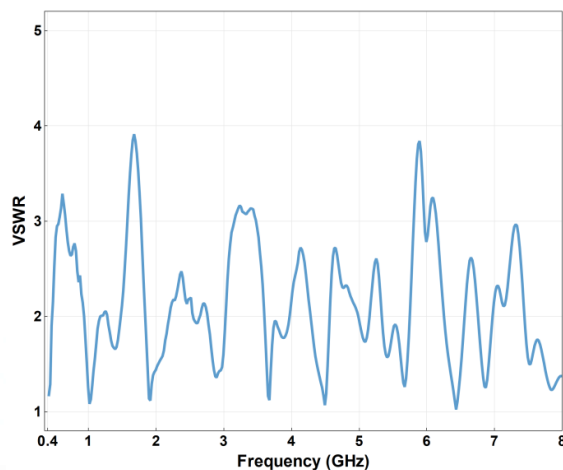


YOA-080 Antenna Factor

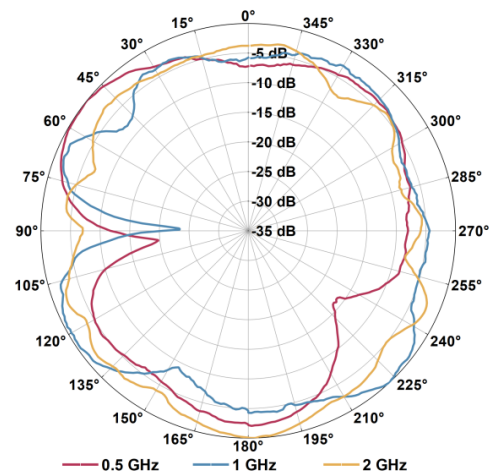


YOA-080 VSWR and Radiation Patterns

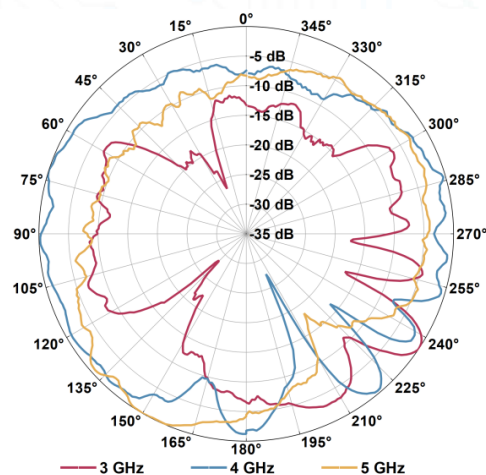
YOA-080 VSWR



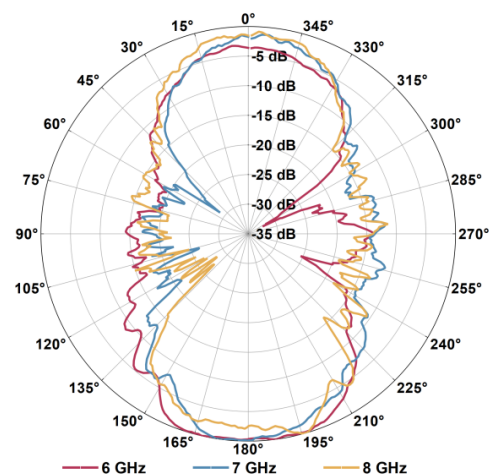
YOA-080 Low-Frequency Radiation Pattern



YOA-080 Mid-Frequency Radiation Pattern



YOA-080 High-Frequency Radiation Pattern



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