

BROADBAND DUAL RIDGED HORN ANTENNA



18GHz to 40GHz

Equipped with 2.92mm connector
Max. power handling capability of 50W
Without the waveguide to coaxial
adapter it can handle upto 500W
Low VSWR and high gain
Light weight and compact design

OBH-180400-20 is designed for superior performance across the frequency range from 18GHz to 40GHz. With the high gain of 20dBi and low VSWR enables it for accurate measuring of weak signals and the generation of high field strengths without any significant return loss, ensuring optimal signal integrity. Highly suitable for EMC/RF measurements. It is an ideal option for testing of wireless and telecommunication systems.

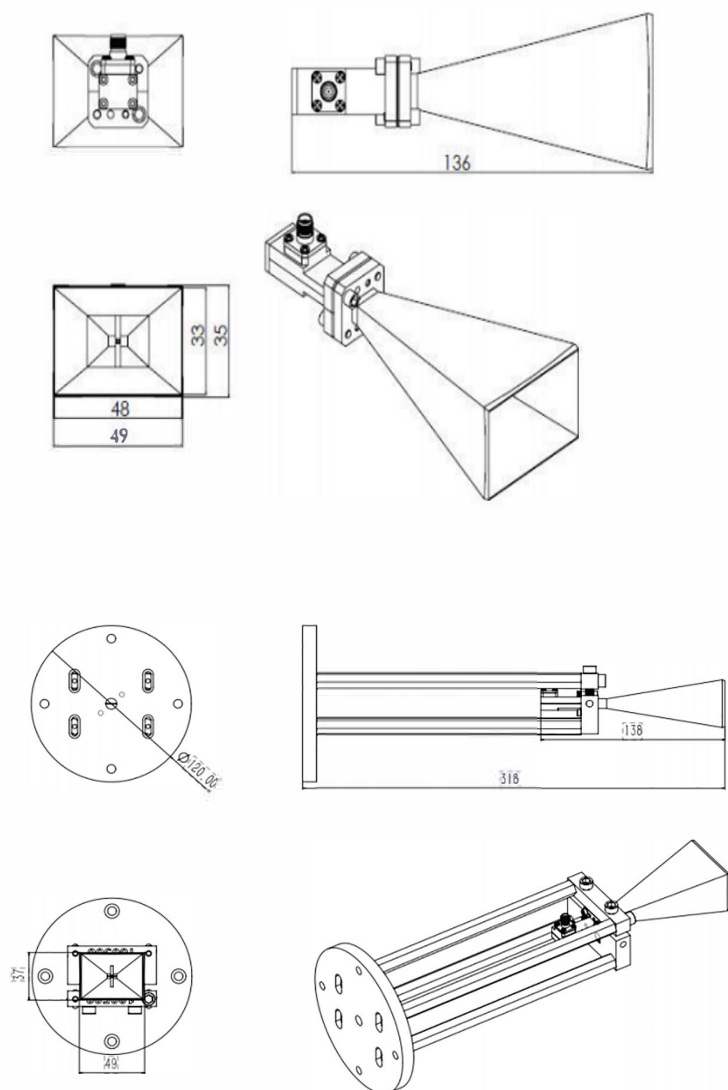
Electrical Specifications

Min. Frequency (GHz)	18
Max. Frequency (GHz)	40
Gain (dBi)	20
Polarization	Single Linear
Impedance(Ohm)	50
VSWR(Typ.)	1.5:1
Max.Power Handling	50W
Connector	2.92mm

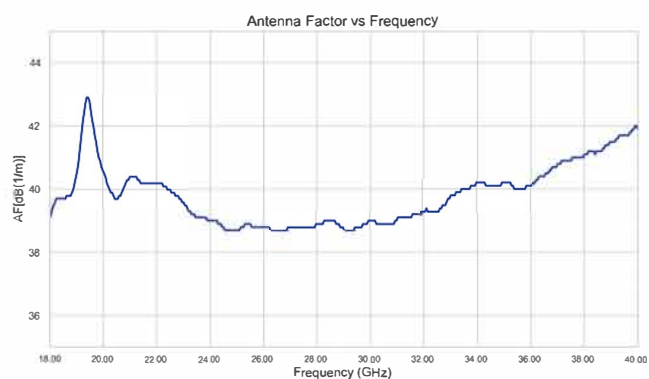
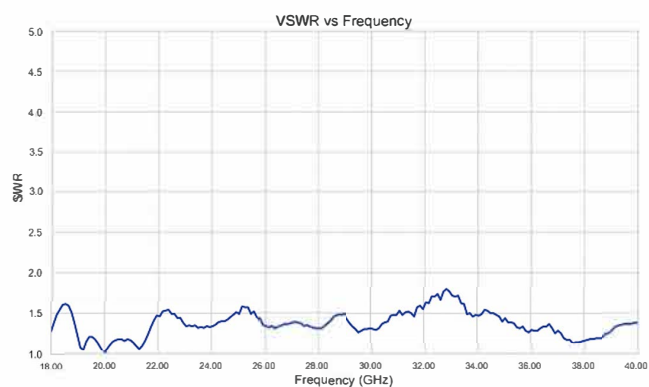
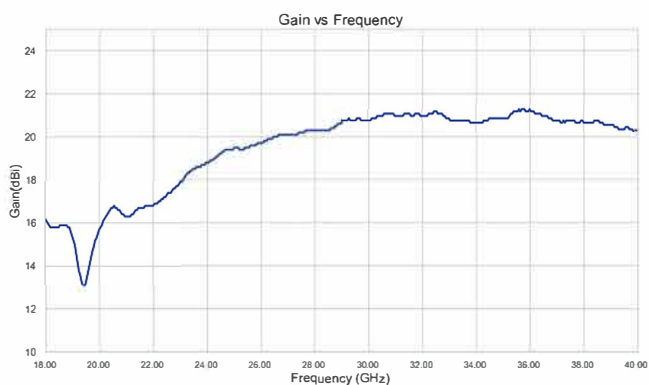
Mechanical Specifications

Weight	0.25kg
Dimensions	4.9 x 3.7 x 14.3cm
Package Weight	1Kg
Package Dimension	32 x 15 x 25 cm

Product Dimensions

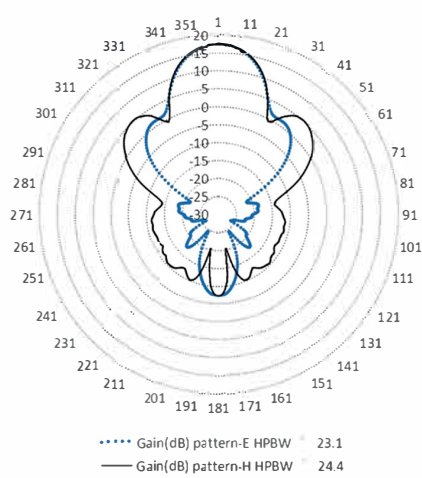


Plots

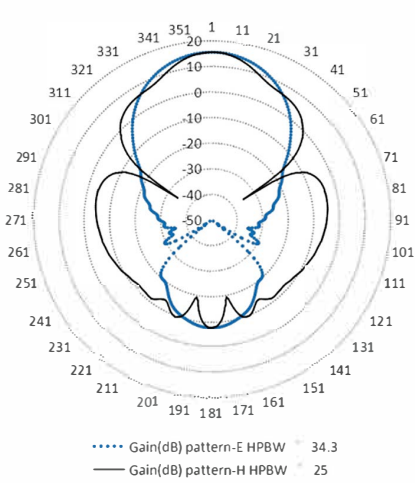


Patterns

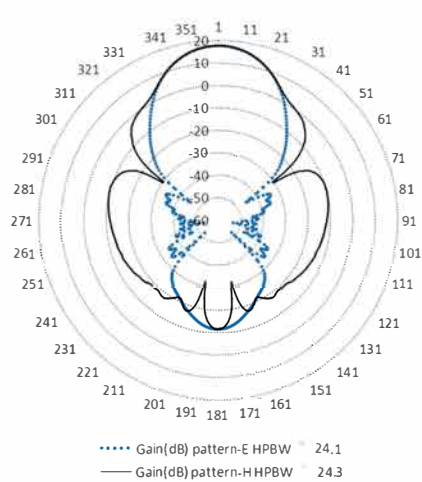
18GHz



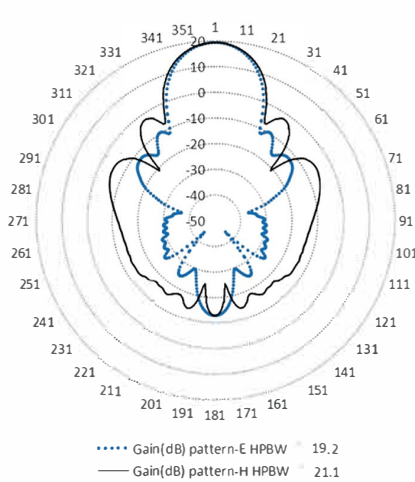
20GHz



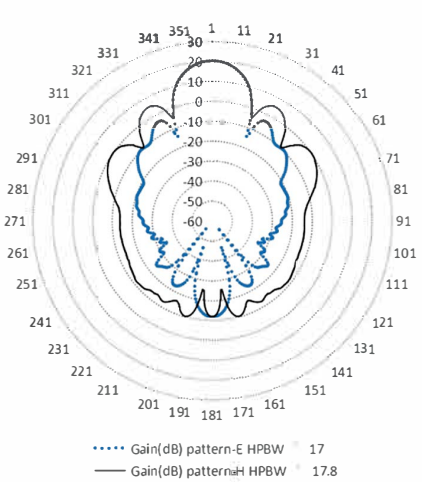
22GHz



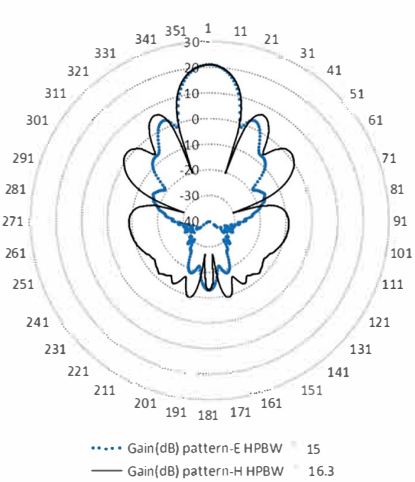
24GHz



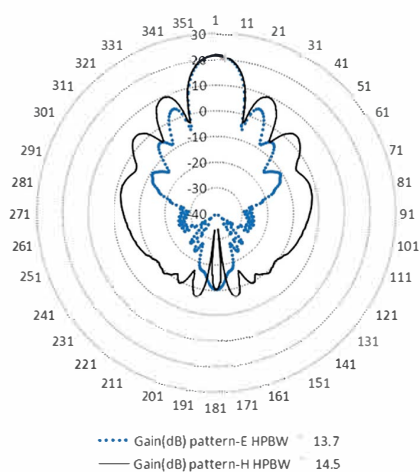
26GHz



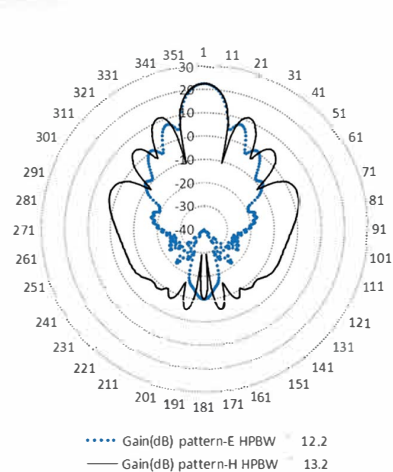
28GHz



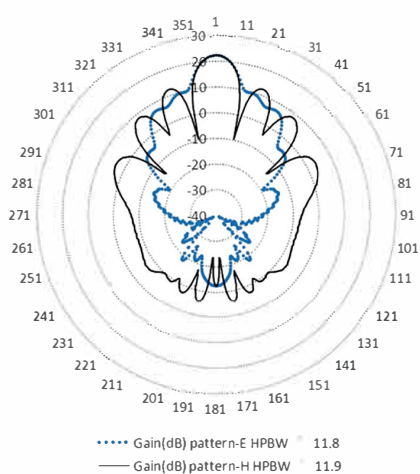
30GHz



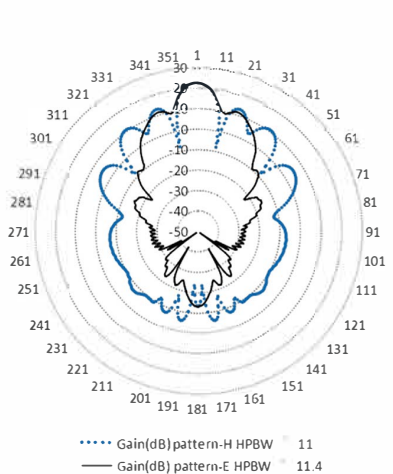
32GHz



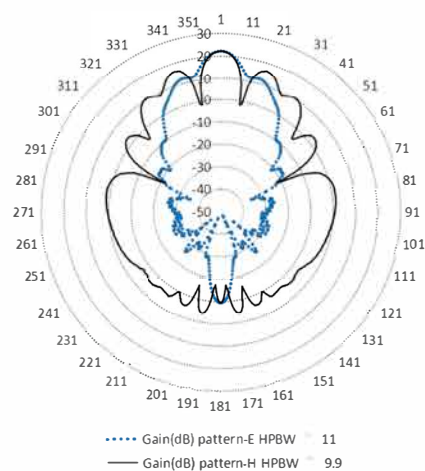
34GHz



36GHz



38GHz



40GHz

