

BROADBAND DUAL RIDGED HORN ANTENNA



0.8GHz to 18GHz

Covers a wide frequency range including C, X and Ku bands

High power handling capability with a Max. of 1500W

Low VSWR and high Gain

Light weight and suitable for portable use

Applicable across multiple industries

The OBH-08180 Dual-Ridged Horn Antenna is a premier product, offering a broad operational spectrum from 800MHz to 18GHz, covering the C to Ku bands. It weighs just 1760g, making it easy to transport and deploy in field operations. Its low VSWR, high gain and performance ensures accurate integration into user systems and optimal performance in real-world conditions. Common applications are airborne, military and space, also excels in EMC testing, satellite communication and support 5G NR Sub-6GHz and higher-frequency bands.

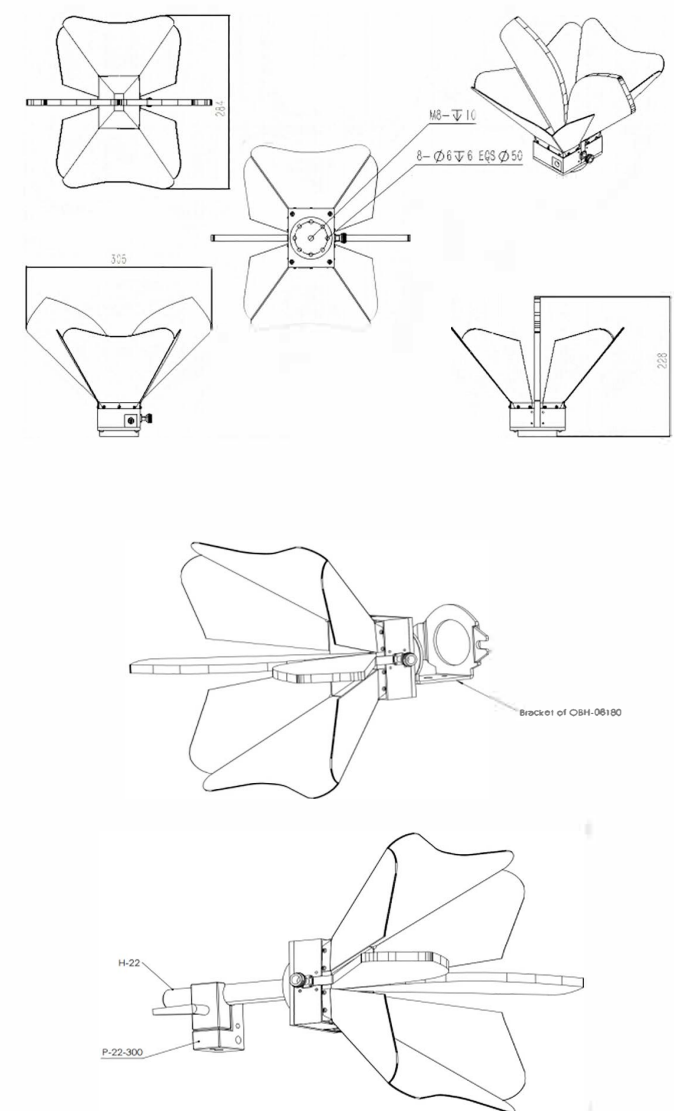
Electrical Specifications

Min. Frequency (GHz)	0.8
Max. Frequency (GHz)	18
Gain (dBi)	5-14
Polarization	Single Linear
Impedance(Ohm)	50
VSWR(Typ.)	1.5:1
Max.Power Handling	1500W
Connector	N-Type

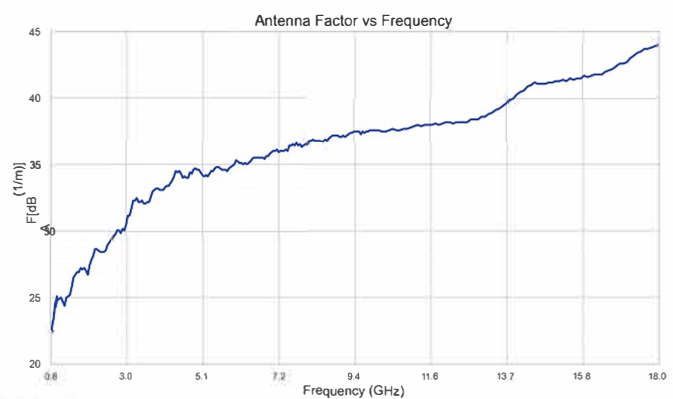
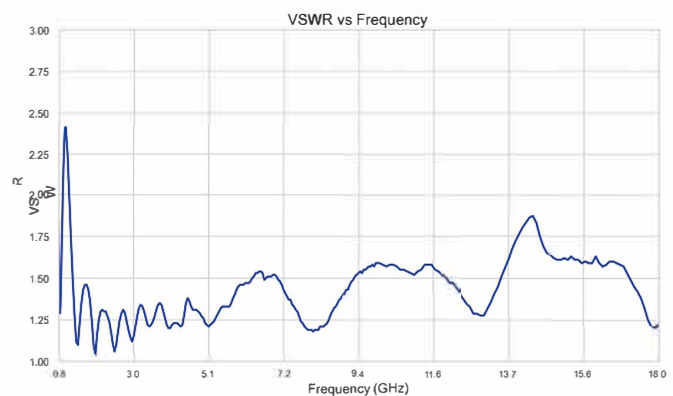
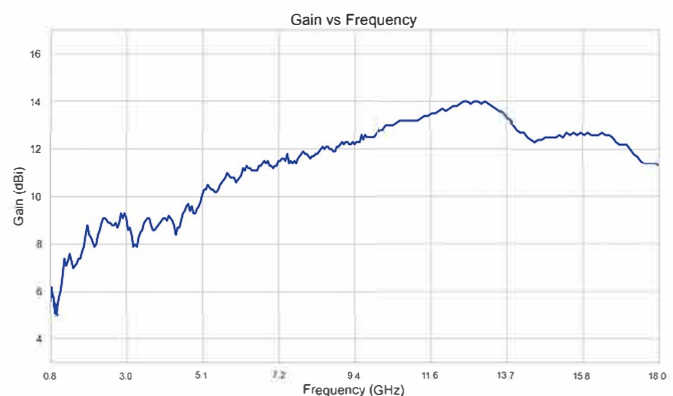
Mechanical Specifications

Weight	1.76kg
Dimensions	30 x 28 x 22.8cm
Package Weight	3.44Kg
Package Dimension	35 x 27 x 38 cm

Product Dimensions

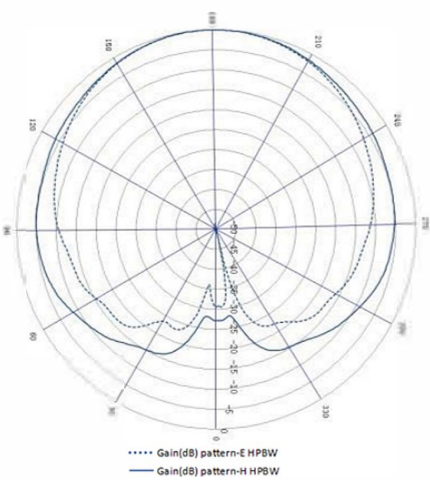


Plots

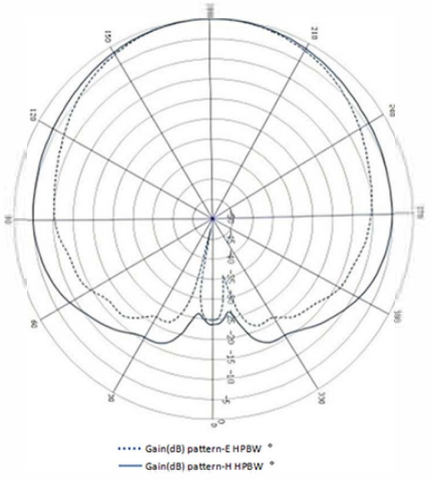


Patterns

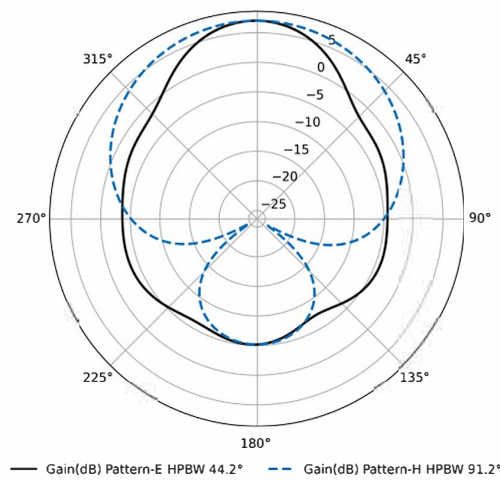
0.8GHz



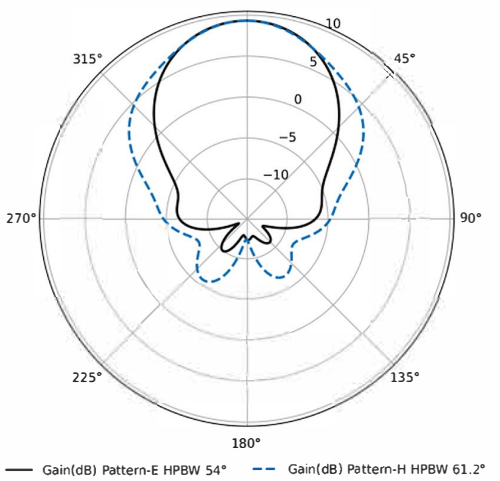
0.9GHz



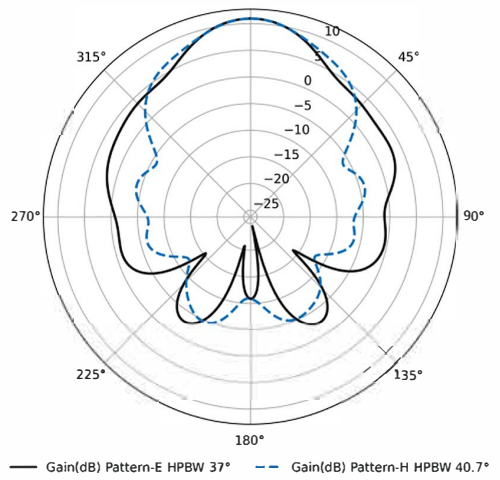
1 GHz
0°



2 GHz
0°



3 GHz
0°



4 GHz
0°

