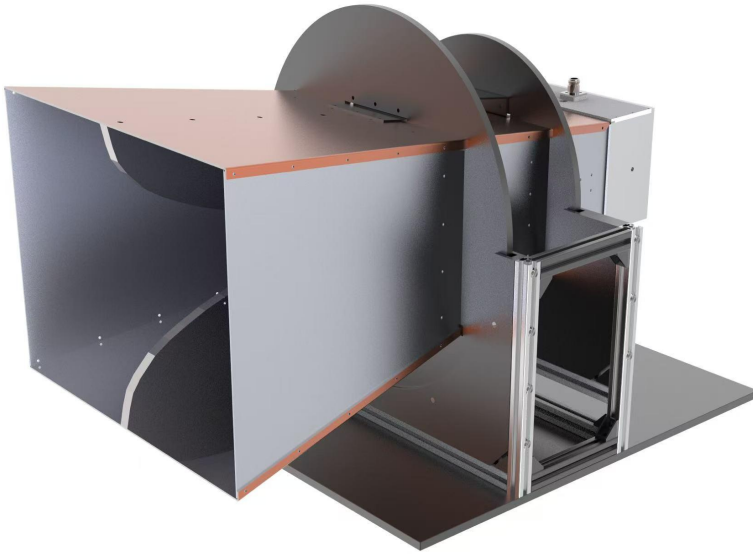


BROADBAND DUAL RIDGED HORN ANTENNA



0.4GHz-6GHz

Linear Polarized with high polarization purity
Low Return Loss / VSWR
Wide bandwidth
High Power handling capability

The Ultra wide-band dual ridged horn antenna OBH-460HG is designed for superior performance accross a wide range of frequency spectrum ensuring consistent signal strength. It can transmit a clear and precise signal even in a challenging environment. The gain increase with respect to the frequency up to approximately of 19dbi and a maximum power handling capability of upto 1400W.Especially, it performs even more outstandingly in the EMC/EMI test.

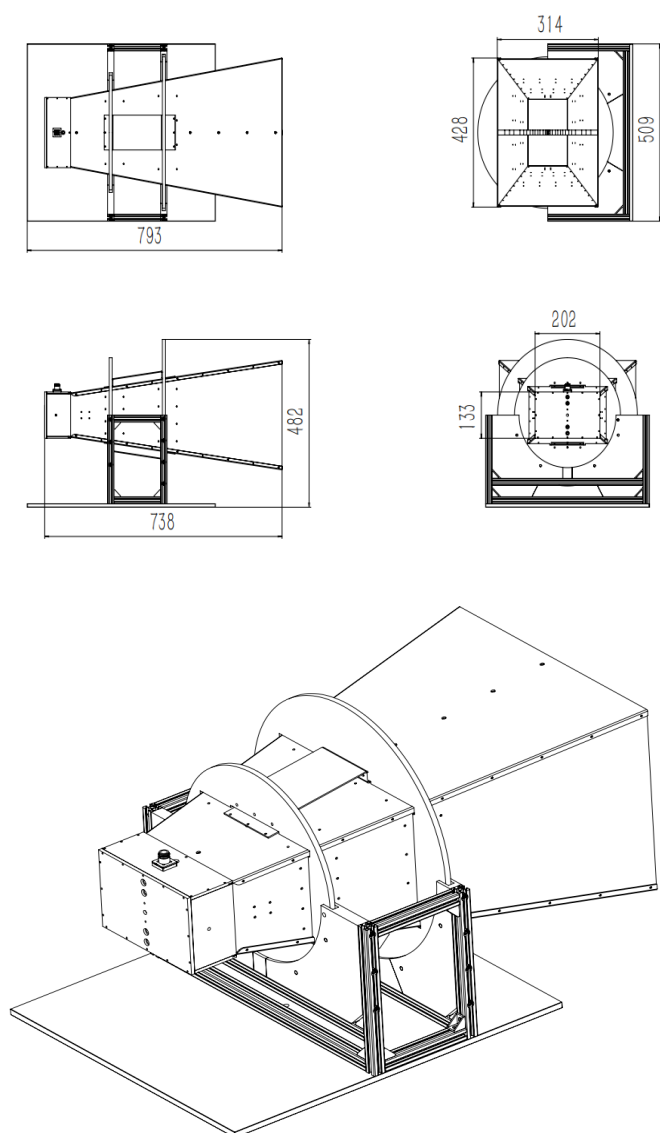
Electrical Specifications

Min. Frequency (GHz)	0.4
Max. Frequency (GHz)	6
Gain (dBi)	6-19
Impedance (Ohm)	50
Connector	N-type Female
VSWR	< 2Typ.
Input power(W)	400-1400

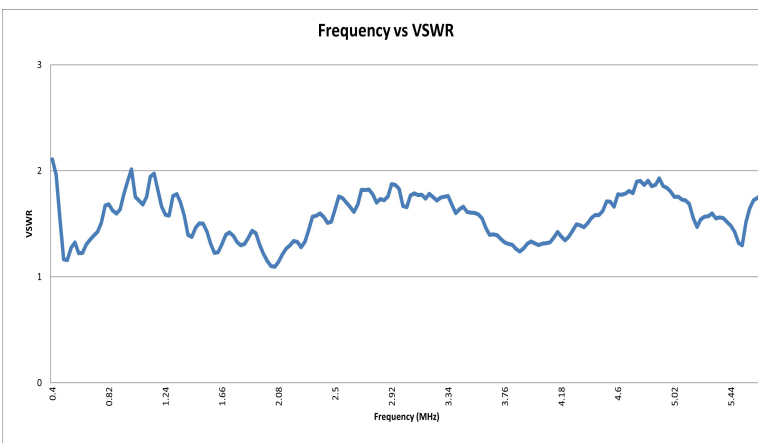
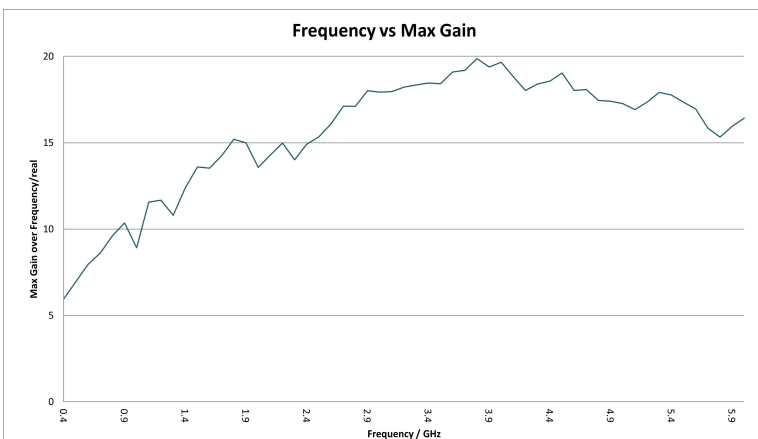
Mechanical Specifications

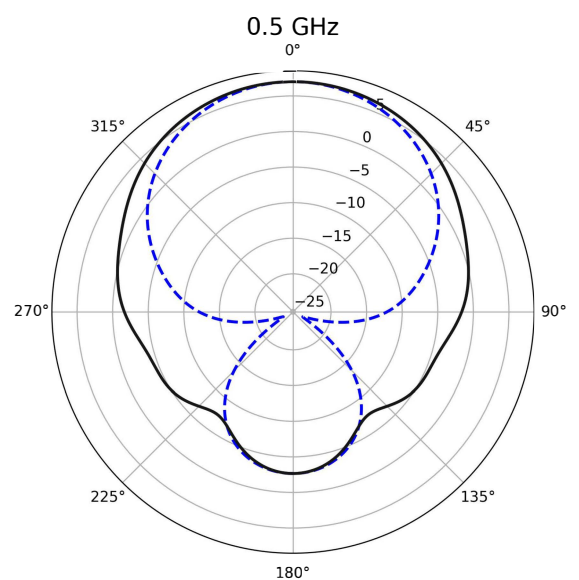
Weight	9.58kg
Dimensions	738*509*482
Material	Aluminium

Product Dimensions

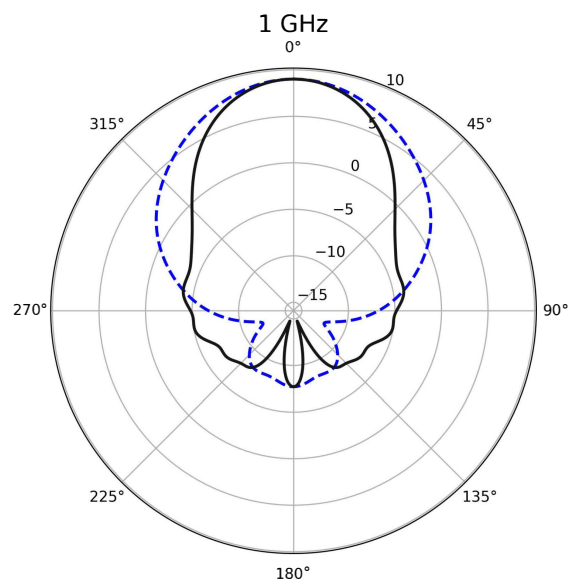


Plots

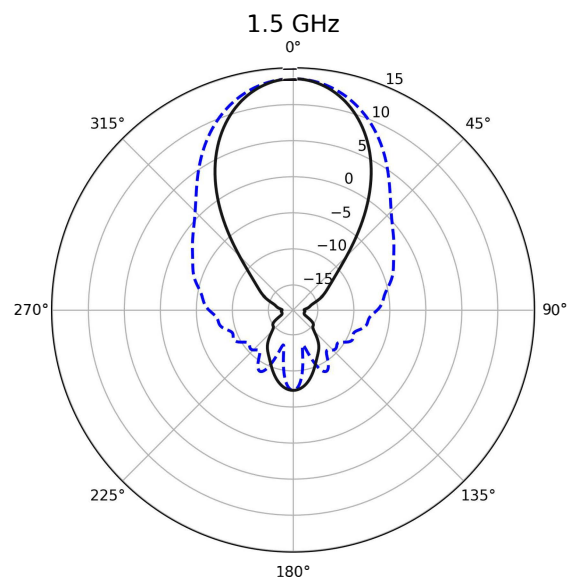




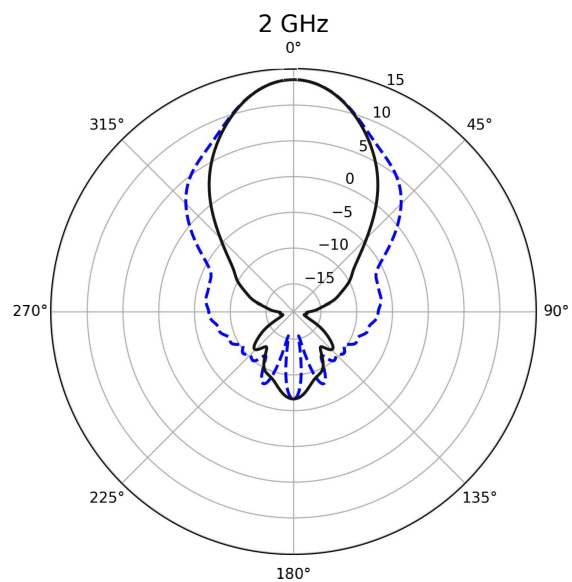
--- Gain(dB) Pattern-E HPBW 70.5° — Gain(dB) Pattern-H HPBW 92.4°



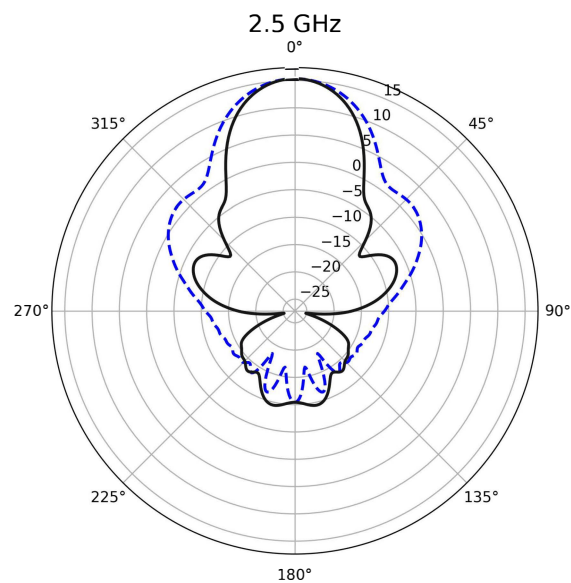
--- Gain(dB) Pattern-E HPBW 63.6° — Gain(dB) Pattern-H HPBW 47.3°



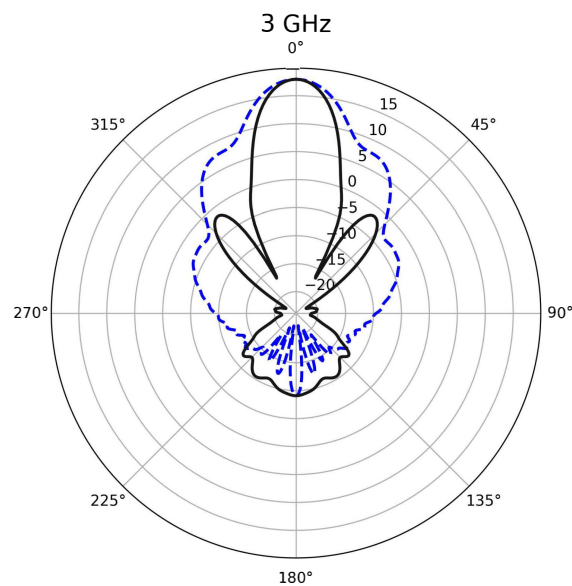
--- Gain(dB) Pattern-E HPBW 39.0° — Gain(dB) Pattern-H HPBW 32.4°



--- Gain(dB) Pattern-E HPBW 31.4° — Gain(dB) Pattern-H HPBW 30.9°



--- Gain(dB) Pattern-E HPBW 30.7° — Gain(dB) Pattern-H HPBW 25.8°



--- Gain(dB) Pattern-E HPBW 20.1° — Gain(dB) Pattern-H HPBW 15.4°

