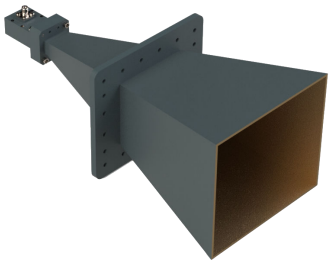
EC MICROWAVE
The door to the RF world

宽带喇叭天线

OBH-580D-20



OBH-580D-20双脊喇叭天线的工作带宽从6.0GHz到15GHz。天线支持线性极化波形。该天线适用于无线和电信通信天线的测试。

高增益和低电压驻波比允许测量微弱信号和产生高场强，而不会产生任何明显的回波损耗。OBH-580D-20根据ANSI C63.5-2006进行单独校准，使天线成为EMC/RF测量的理想选择。

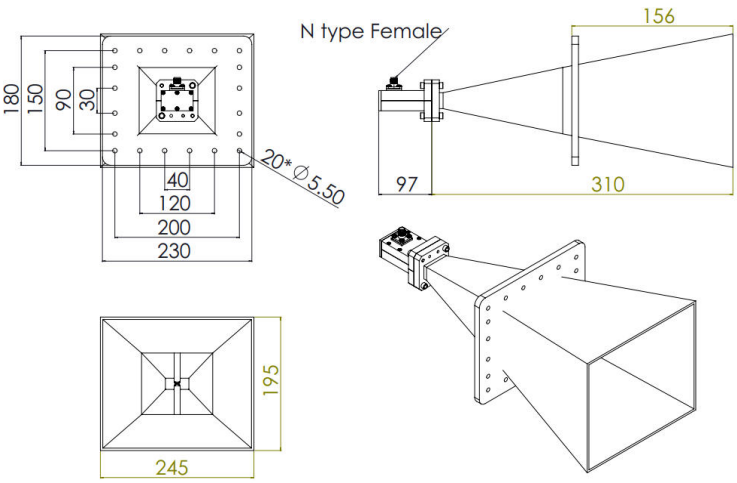
天线在其标称频率范围内提供非常低的SWR和非常宽的带宽。增益随着频率的增加而增加，最高约为。16 dBi，取决于牛的大小和形状。随频率增加的增益有助于补偿电缆损耗。

欧盟的多八臂天线制造工艺从浸入式钎焊转变为100%机械加工。这使得天线性能更加精确和可重复，这在较高频率下至关重要。

特点

高偏振纯度的线偏振
频率从　　到15
低回波损耗 驻波比
宽频带
均匀增益
高功率处理能力
根据　　对天线进行单独校准
重量轻，易于操作

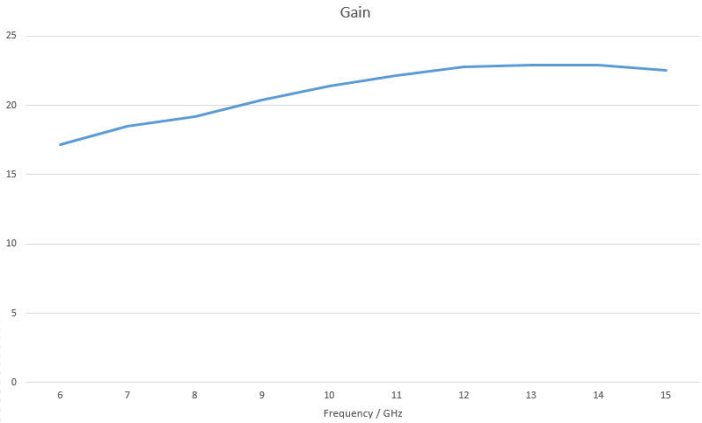
产品尺寸

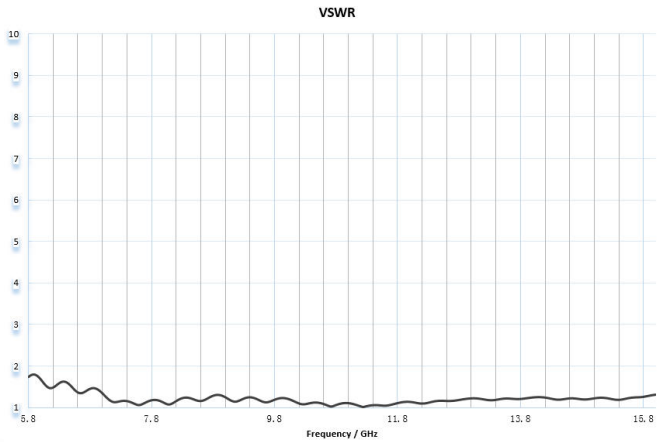


电气特性

型号	OBH-580D-20
天线类型	Dual-Ridge Horn
频率范围	6-15GHz
增益	20dB
驻波比	<2.0
极化方式	Single Linear
交叉极化差异	>45dB
阻抗	50Ohms

Test





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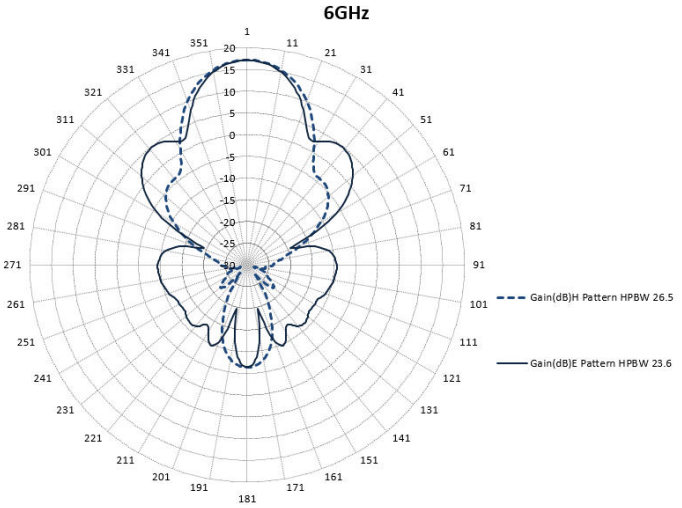
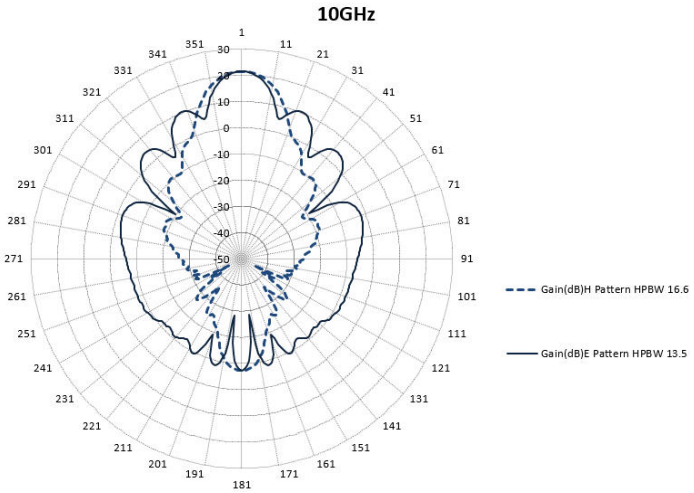
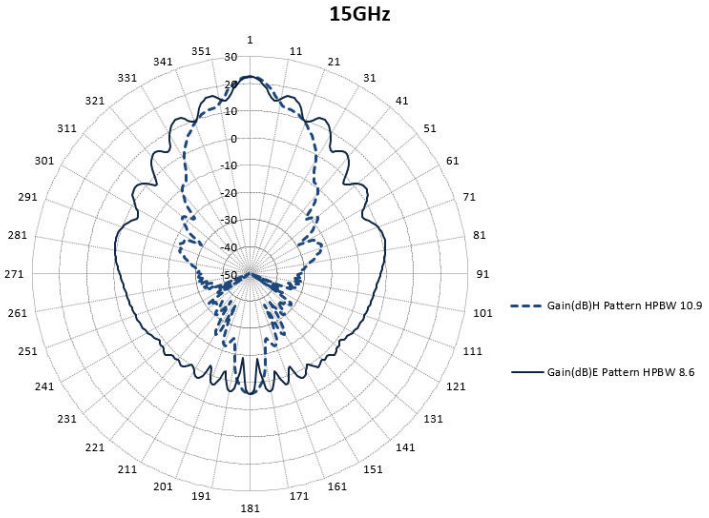

6GHz
Gain(dB)H Pattern HPBW 26.5
Gain(dB)E Pattern HPBW 23.6


10GHz
Gain(dB)H Pattern HPBW 16.6
Gain(dB)E Pattern HPBW 13.5


15GHz
Gain(dB)H Pattern HPBW 10.9
Gain(dB)E Pattern HPBW 8.6