



Dual-Ridged Horn

TTI-FEED-020180-DRHA-A-V1

Dual-Ridged Horn Antenna (DRHA)

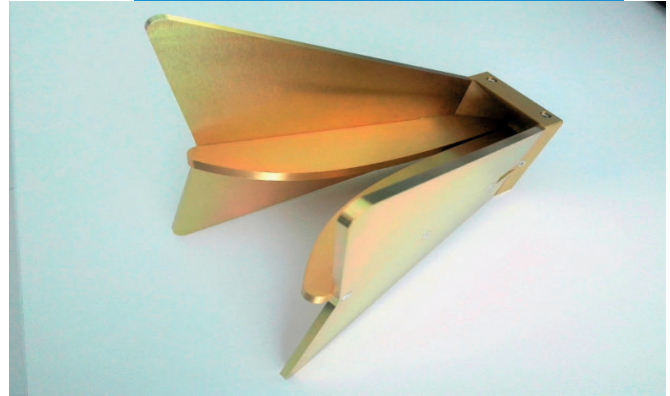
Overview

Our dual-ridged horn antenna is an ultra-wideband operation horn, allowing efficient automatic testing without standard bands breaks stopping, into a small and portable mechanical structure.

Our horns offer very low VSWR with very stable and high gain performance and low cross-polarization in frequency range, providing smooth radiation patterns, as a result from high accuracy design and high-quality manufacturing process.

TTI horns operates from 2 GHz to 18 GHz. Custom frequency bands are available upon request.

Each horn includes high precision customized mounting interfaces with levels and absorber plates. A detailed calibration report would be available upon request, critical for anechoic chamber applications.



Applications

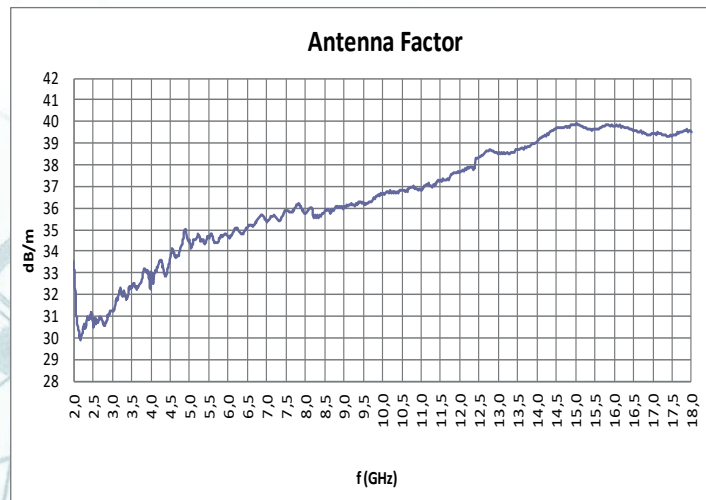
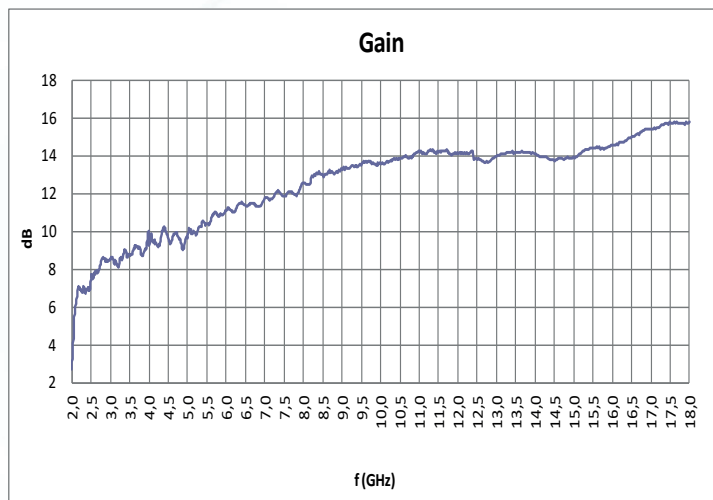
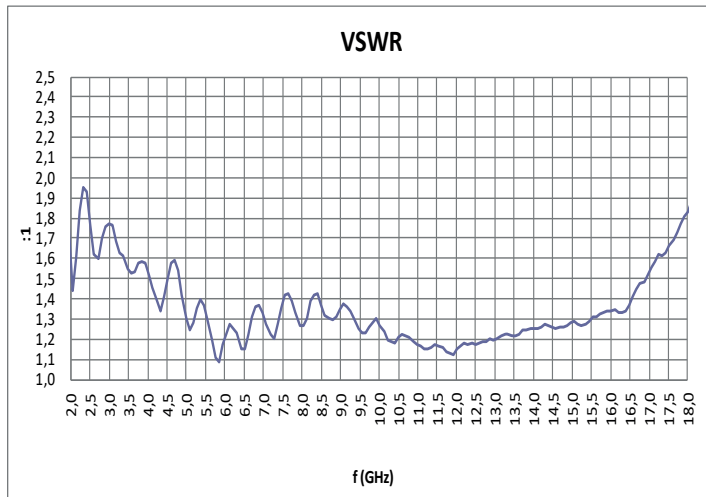
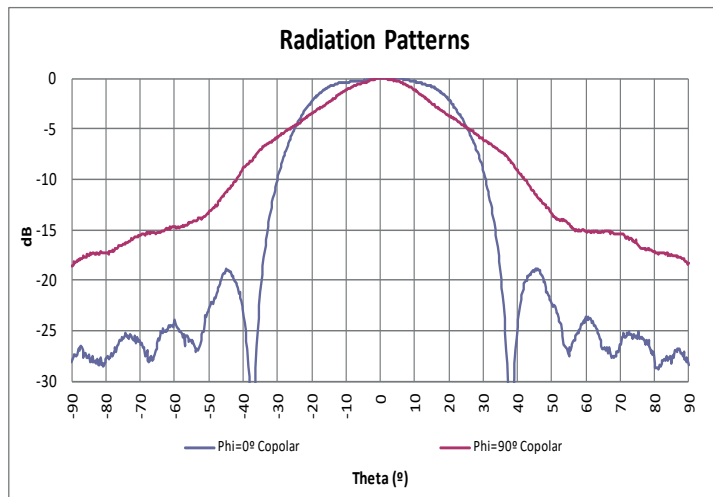
- EMC test measurements antenna
- Antenna test range reference gain antenna
- Polarization and channel balance calibration of Near-Field probes



TECHNICAL SPECIFICATIONS

Electrical

Frequency Range [GHz]	2.0 – 18.0
VSWR	< 2.0:1
Gain [dBi] (Typical)	2.5 – 16.0
Antenna Factor [dB/m] (Typical, At Far Field)	33.7 – 39.3
Crosspolar Discrimination [dB] (Typical, At Boresight)	> 25
Input/Output	SMA Connector



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Information contained in this document is subject to change without notice.

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