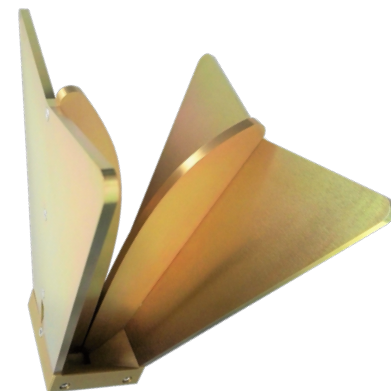


# Dual-Ridged Horn Antenna



HIGH GAIN, LOW VSWR AND HIGH-PRECISION THAT MAKE DESIGN AND MANUFACTURING DRHA FAMILY AN EXCELLENT OPTION FOR EMC AS REFERENCE GAIN ANTENNAS



## Overview

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.

Horn offers 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.

Horn operates from 2 GHz to 18 GHz, custom frequency bands are available upon request.

High precision mounting interface with level and absorber collar for anechoic chamber applications and detailed calibration report (option).



## Applications

- \* Satellite communications
- \* Radiated immunity EMC test measurements antenna
- \* Radiated emissions EMC test measurements antenna
- \* Antenna test range reference gain antenna
- \* Linearly-polarized standard for polarization and channel balance calibration of Near-Field probes

## KEY FEATURES

- \* Linear polarization
- \* Wide bandwidth
- \* Stable and high gain performance
- \* Low cross polarization
- \* Low VSWR
- \* High precision design
- \* High precision manufacturing

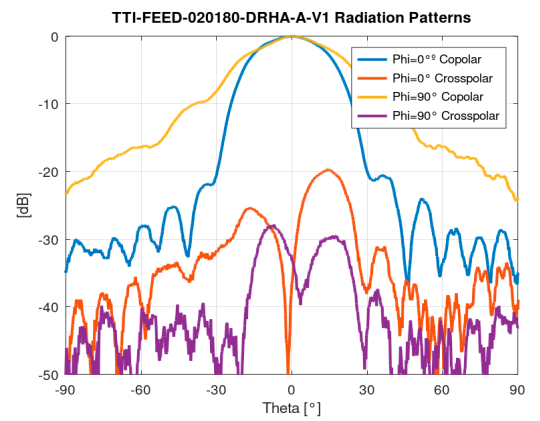
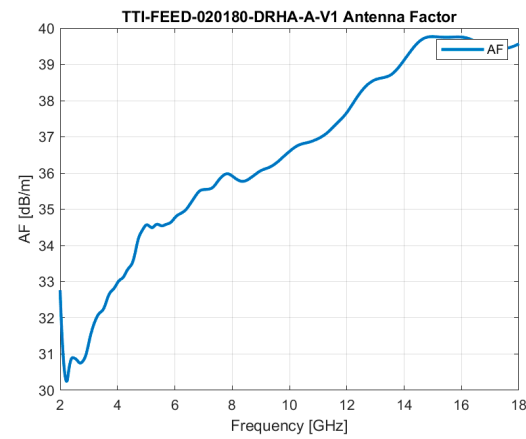
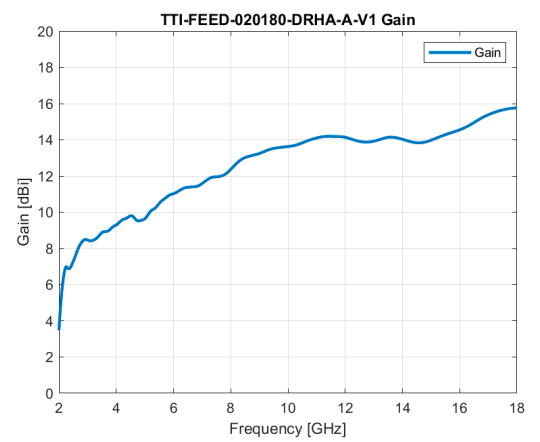
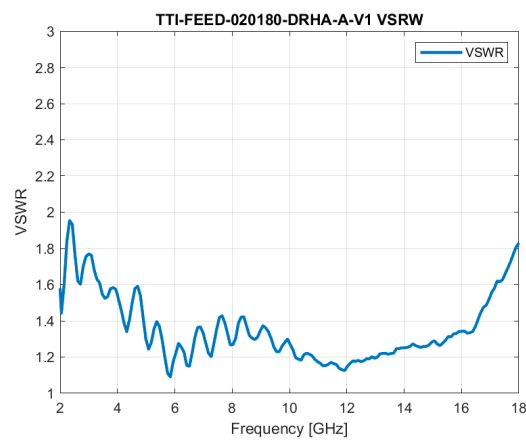
## OPTIONS

- \* Detailed calibration report
- \* Absorber collar
- \* Custom mounting interface
- \* Storage case

PRODUCT CODE

PRODUCT CODE	Freq. range [GHz]	VSWR	Gain <sup>1</sup> [dBi]	Antenna factor <sup>2</sup> [dB/m]	Crosspolar discrimination <sup>3</sup> [dB]	RF interface
TTI-FEED-020180-DRHA-A	2.00 - 18.00	< 2.0:1	14.0 ± 0.5	33.7 - 39.3	30	SMA (f)

 Typical measured data



 [ttinorte.es](http://ttinorte.es)  
[sales@ttinorte.com](mailto:sales@ttinorte.com)

Custom frequency bands are available upon request