



DRHA
2-18 GHz
Outdoor/Indoor

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.

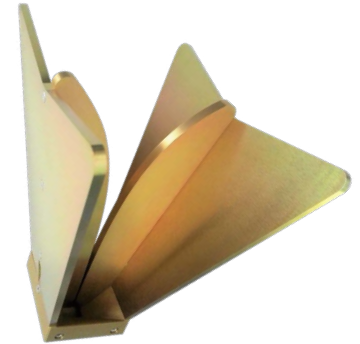
Horn offers very low VSWR with very stable and high gain performance and low cross-polarization in frequency range, providing smooth radiation patterns, as a result from high accuracy design and high-quality manufacturing process.

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

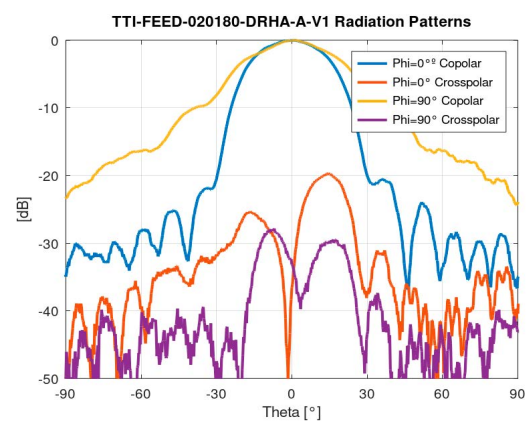
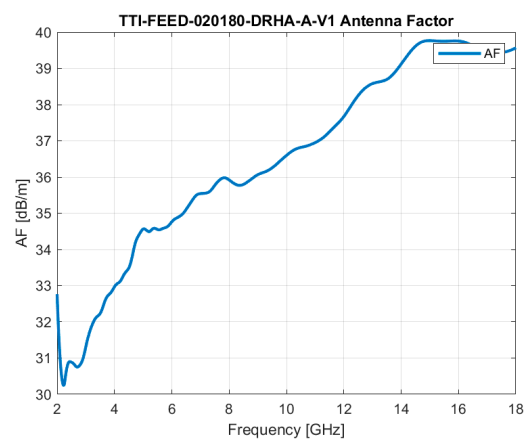
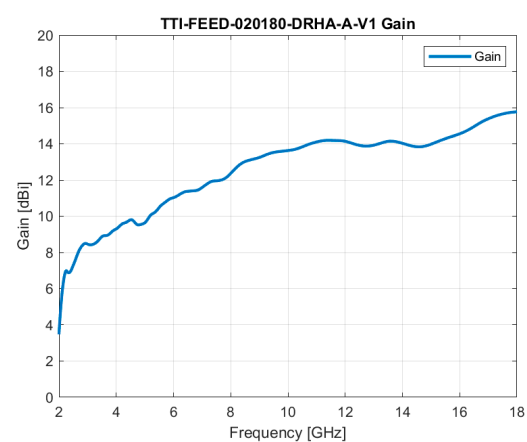
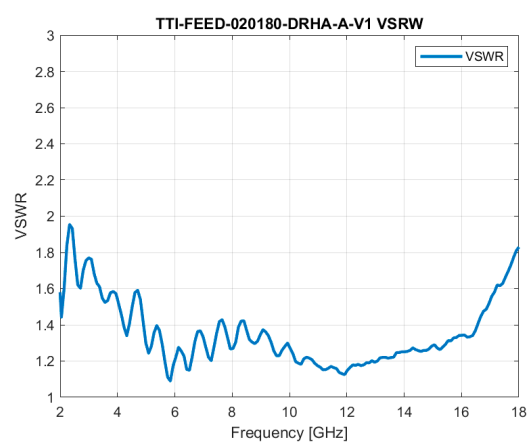
OPTIONS

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



PRODUCT CODE	Freq. range [GHz]	VSWR	Gain ¹ [dBi]	Antenna factor ² [dB/m]	Crosspolar discrimination ³ [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



TTI CONTACT

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NOTICE

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