



Log Periodic Dipole Array

Single Linear-Polarized High Crosspolar Log Periodic Dipole Array (SL-HX-LPDA)

Overview

Our Single Linear-Polarized High Crosspolar Log Periodic Dipole Array antennas are wideband operation antennas consisting of sequences of linear dipoles connected forming coplanar arrays, allowing efficient automatic testing without standard bands breaks stopping, into lightweight structures.

TTI antennas offer very low VSWR with high gain and very low cross-polarization in frequency range. LPDA antennas are covered by radome structures, in order to protect them and form more stable mechanical structures.

Custom frequency bands are available upon request.

Each antenna 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.

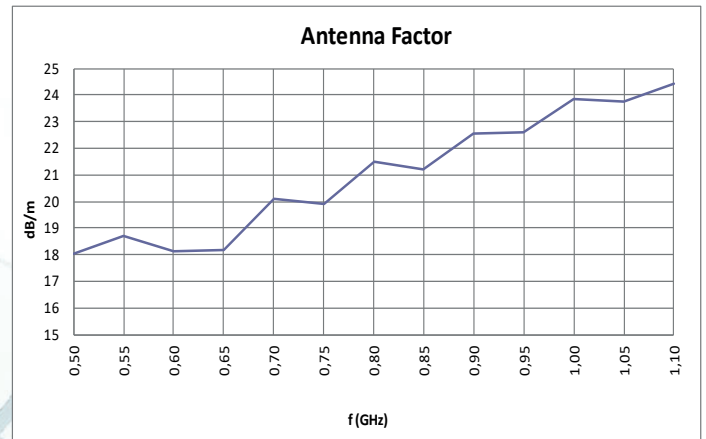
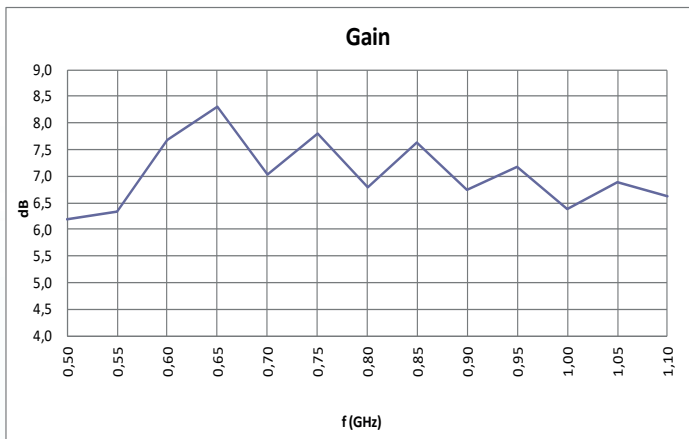
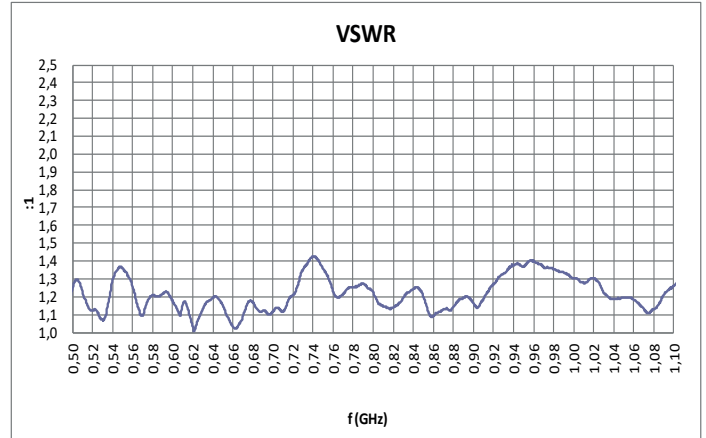
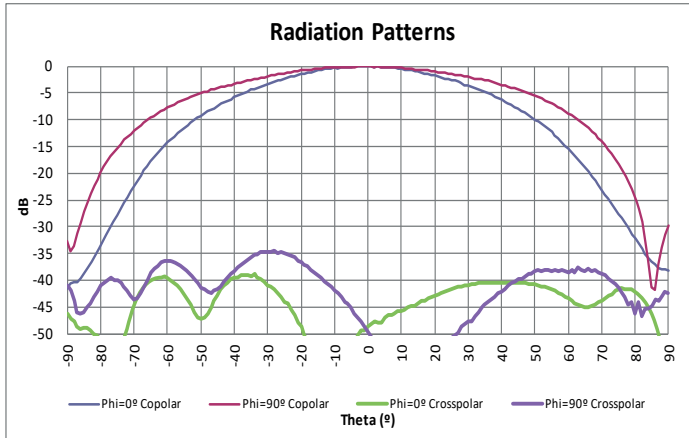


Applications

- EMC test measurements antenna
- Compact antenna test range feeds
- Spherical near-field antenna test range feeds
- Far-field antenna test range sources

TECHNICAL SPECIFICATIONS

Product Code	Frequency Range [GHz]	VSWR	Gain [dBi] (Typical)	Antenna Factor [dB/m] (Typical, At Far Field)	Crosspolar Discrimination [dB] (Typical, At Boresight)	Input/Output
TTI-FEED-UHF-005011-A-V1	0.50 – 1.10	< 2.0:1	7.0	18.0 – 24.0	> 35	SMA Connector
TTI-FEED-UHF-006020-A-V1	0.65 – 2.00	< 2.0:1	7.0	19.0 – 31.0	> 35	SMA Connector



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