Technical University of Denmark

Calibration of the DLP-SC-3300-02 probe

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This measurement has been carried out at the DTU-ESA Spherical Near-Field Antenna Test Facility for SATIMO, Rome, Italy.

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Abstract

This report documents the calibration measurement of the DLP-SC-3300-02 dual-linearly polarized near-field probe. The measurement comprises radiation pattern, directivity, gain, spectra of spherical wave coefficients, polarization characteristics, and complex channel balance at 41 frequencies, as well as input reflection coefficient at 401 frequencies in the frequency range from 33 GHz to 37 GHz. The measurement was carried out at the DTU-ESA Spherical Near-Field Antenna Test Facility in June 2013 for SATIMO, Rome, Italy.

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