

Superdirective narrowband first-order probe versus wideband higher-order probe for spherical near-field antenna measurements at P-band - DTU Orbit (09/11/2017)

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A comparative study of the wideband 400-1200 MHz higher-order probe and the narrowband 431 MHz first-order probe, in terms of their advantages and disadvantages for spherical near-field antenna measurements at P-band, is presented. The comparison is based on the experimental data and focused on pattern shape and other electrical characteristics, work efforts related to physical handling, probe calibrations, and post processing.

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