

**PROJECT / Compact Range for
millimeter wave antenna
measurements using dielectric
lenses**

COMPACT

Main Objective:

Implementation of an antenna measurement compact range that uses a dielectric lens as a collimating device, avoiding the positioning limitations associated with near-field systems. A new design used in the dielectric lens eliminates the need for a lens with edge serration that is commonly used to minimize edge diffraction. An overall system performance evaluation is performed.

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