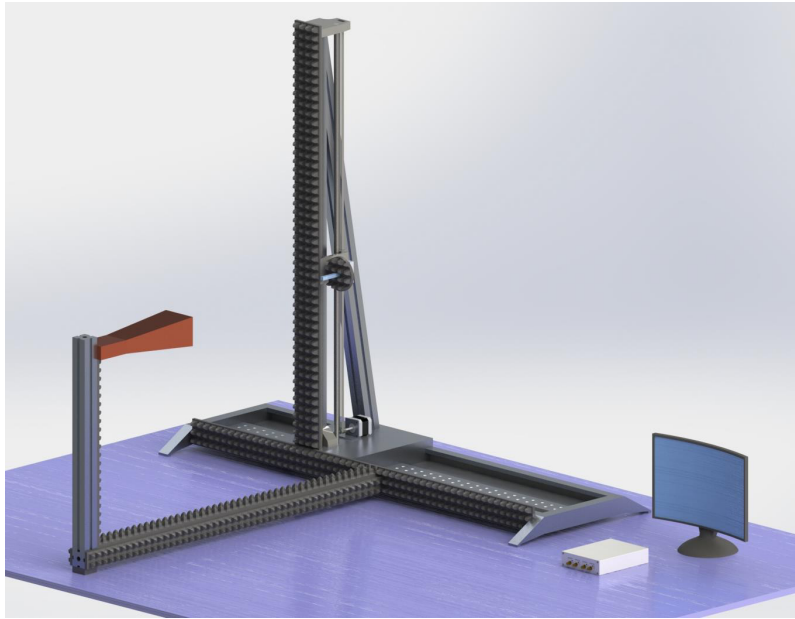


# Near-Field Antenna Measurements Study Lab



## Overview

The stand intended for students to study antenna measurements in Near Field, how restore the Far Field pattern from measured Near Field, required mathematical transforms, as well as required technique to achieve appropriate results.

- The system used in the educational process to familiarize users with antenna planar Near-Field measurements theoretical and practical methods and gain knowledge in the following areas:
- Near-Field antenna measurements fundamentals
- Near-Field to Far-Field conversion theory and technique
- Measurement of antenna parameters'

## Features

- Select the laboratory work from the menu
- Easy-to-use graphical user interface
- Practical experiments with RF system
- Step-by-step instructions to perform the experiments

## Hardware and Software

- Planar Near-Field scanner
- NI USRP
- Set of AUTs
- Specialized software
- User Manual