



LAB Medium Range Radar – Beam Steering -Release Notes-

Overview

This lab demonstrates beam steering using mmWave technology. The user can steer the beam, estimate, track the position (in the azimuthal plane) and the velocity of objects in its field of view up to 150 m.

Features

- Supports mmWave SDK 3.2.0.4
- Supports AWR1843BOOST EVM

New and Updated Features

- Beam steering with configurable max/min angle and step size
- HWA used for 1D and 2D FFT

Known Issues

- In USRR/MRR mode only MRR subframe has correct output
- USRR mode not working
- MRR mode not working

Work Arounds for Major Known Issues

Following are workarounds for each known issue with a major severity that exists in this release.

- n/a

Limitations

The following is a list of known limitations for this release that were known at the time of release.

- Matlab GUI may freeze when displaying a rich point cloud

Installation Instructions

- Refer to Getting Started Guide