LAB Obstacle Detection Sensor – Release Notes

Overview

The Obstacle Detection Sensor Demo uses TI's mmWave technology to detect different types of objects around the door and trunk of a car.

Features

The Obstacle Detection Demo generates 3D and 2D scatter plots for range, azimuth and elevation and is displayed using a PC based Matlab GUI. The default configuration defines the area of interest at a range of two meters from the mmWave sensor, but supports a range up to five meters. Frame rate point cloud detections are shown as dots, colored by elevation. Object clusters are shown as cubes around the point cloud dots. Within one meter, clusters are colored red. Clusters outside one meter are colored green.

Requirements

- AWR1642BOOST-ODS EVM with ES 2.0 silicon
- Matlab Runtime Library – R2017a (9.2)
- mmWave SDK v. 2.0.0.4

Resolved Incident Reports

Table 1 provides information on IR resolutions incorporated into this release.

Table 1   Resolved IRs for this Release

IR Parent/ Child Number	Severity Level	IR Description
n/a	n/a	n/a

Known Issues

Table 2 provides information on IRs that are known issues for this release.

Table 2   Known Issue IRs for this Release

IR Parent/ Child Number	Severity Level	IR Description
n/a	n/a	n/a

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.

- n/a