

mmWave Demo Visualizer (IWR6843AOP)

Options

Help

SDK version

3.2

Antenna Config (Azimuth Res - deg)

4Rx,3Tx(15 deg + Elevator

Desirable Configuration

Best Range Resolution

Frequency Band (GHz)

60-64

Scene Selection

Frame Rate (fps)



10

Range Resolution (m)



0.044

Maximum Unambiguous Range (m)



9.06

Maximum Radial Velocity (m/s)



2

Radial Velocity Resolution (m/s)

0.26

0.26

Plot Selection



Scatter Plot



Range Azimuth Heat Map



Range Profile



Range Doppler Heat Map



Noise Profile



Statistics

SEND CONFIG TO MMWAVE DEVICE

SAVE CONFIG TO PC

RESET SELECTION

Range resolution (m)	0.0436
Max Unambiguous Range (m)	8.9297
Max Radial Velocity (m/s)	2.0019
Radial Velocity Resolution (m/s)	0.2502
Azimuth Resolution (Deg)	14.5

Start Frequency (Ghz)	60.0000
Slope (MHz/us)	70.0000
Samples per chirp	256
Chirps per frame	48
Sampling rate (Msps)	5.2090
Sweep Bandwidth (GHz)	3.4402
Frame periodicity (msec)	100
Transmit Antennas	3
Receive Antennas	4