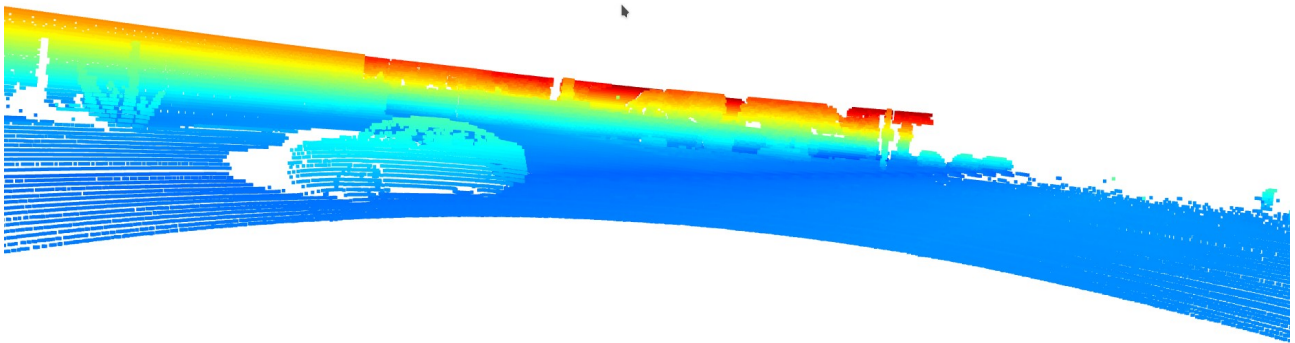


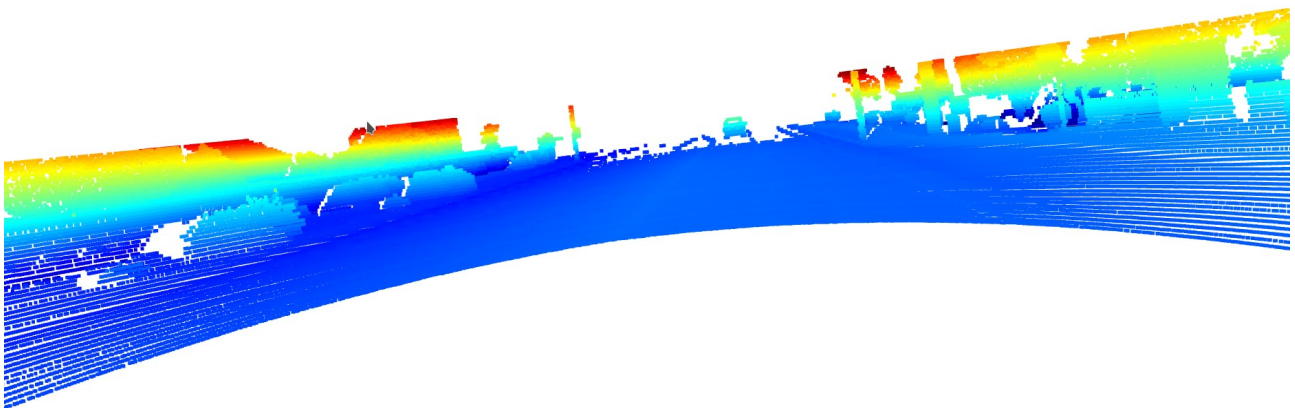
3D Object Detection

6 examples of vehicles with varying degrees of visibility in the point-cloud

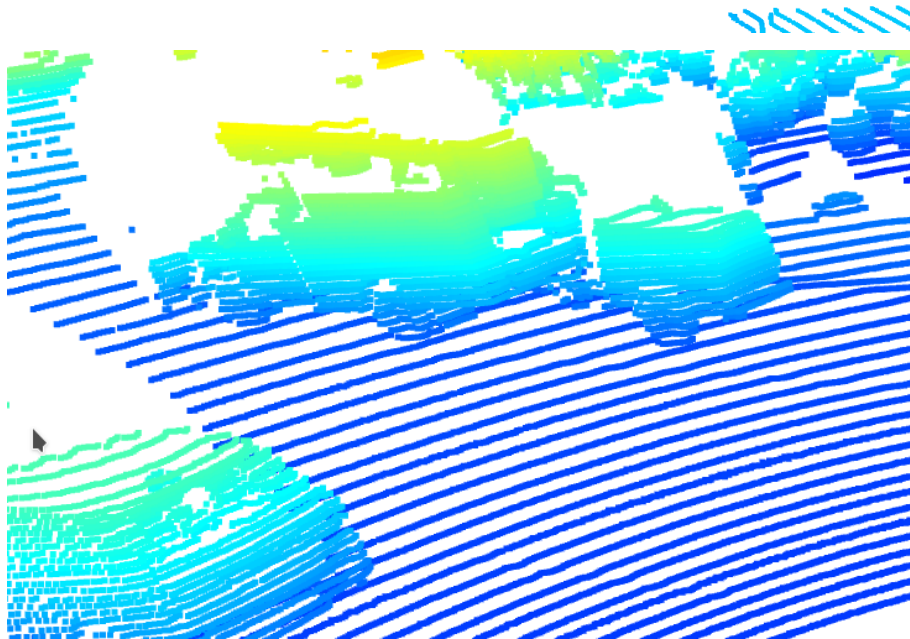
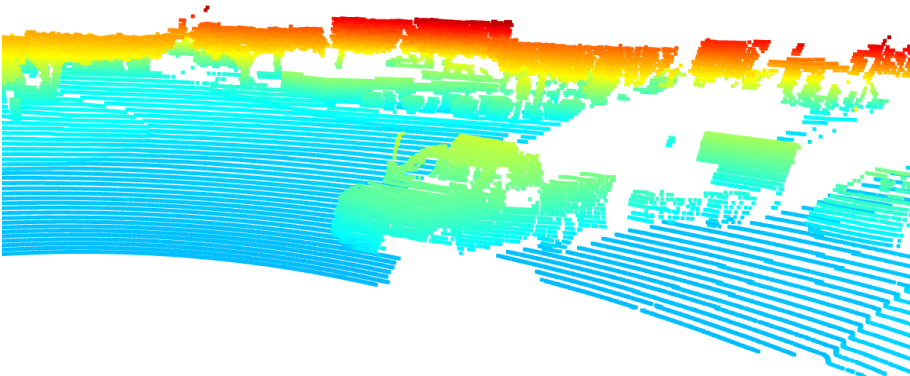
Vehicle to the side of the ego vehicle with low distance



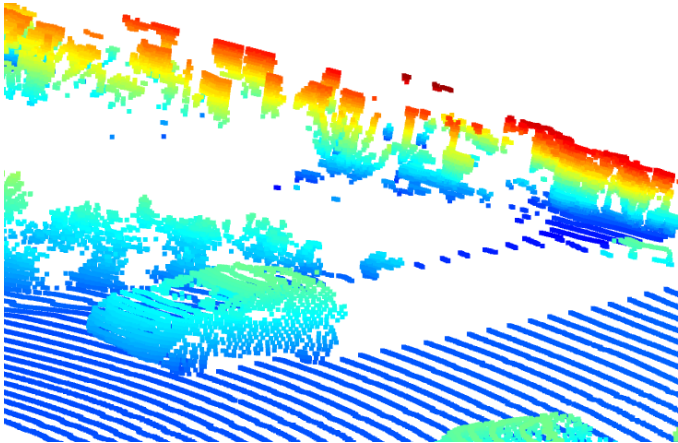
vehicle far ahead of the ego

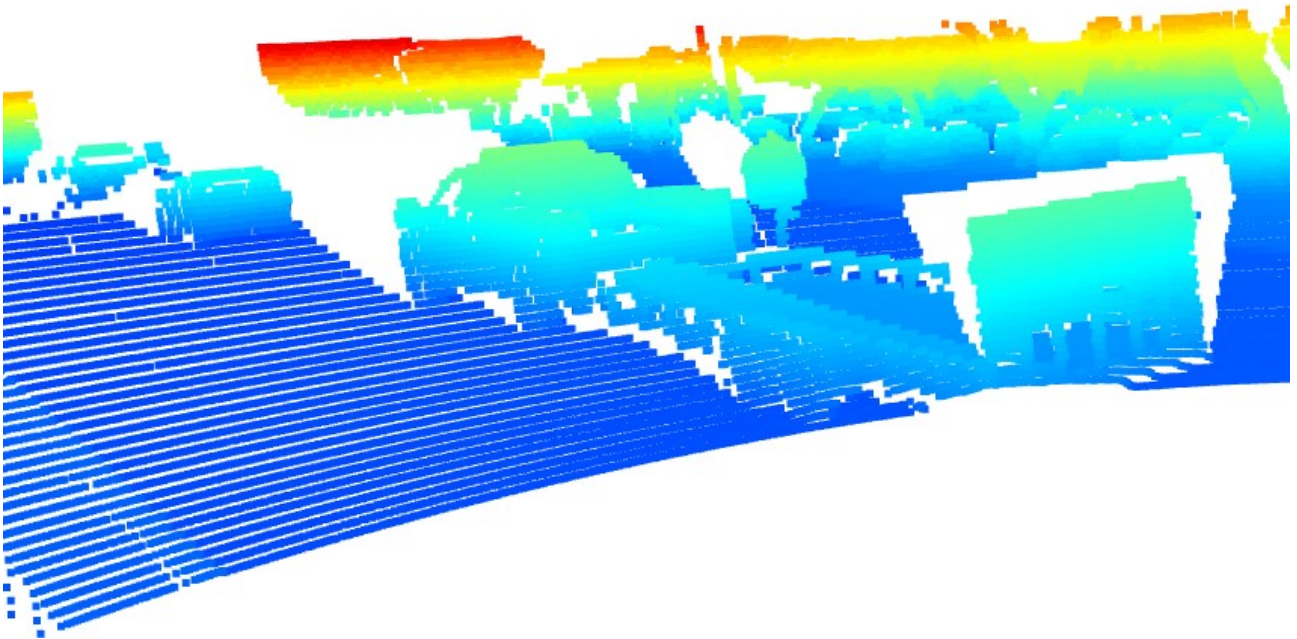


vehicle with trailer



vehicles to the side



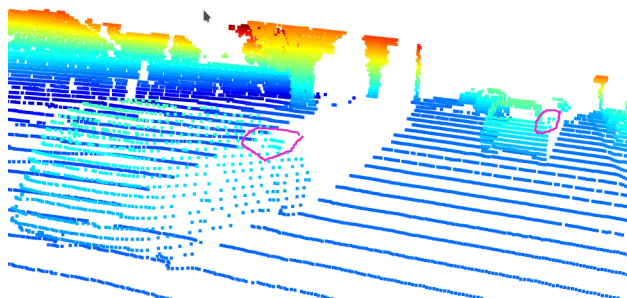


Stable features on most vehicles

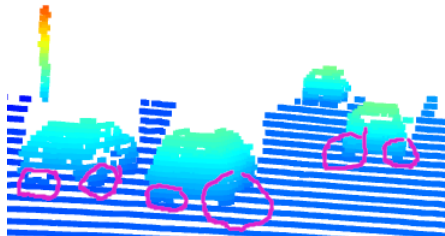
The license plate is clearly visible in the intensity image due to it's high reflectivity which is intended by law



The side mirror is visible as an overhanging geometry in the point cloud



The same applies to the tires



the front window also has a distinct lidar signature because often no points can be measured on it.

