

## CONFIDENTIAL INFORMATION

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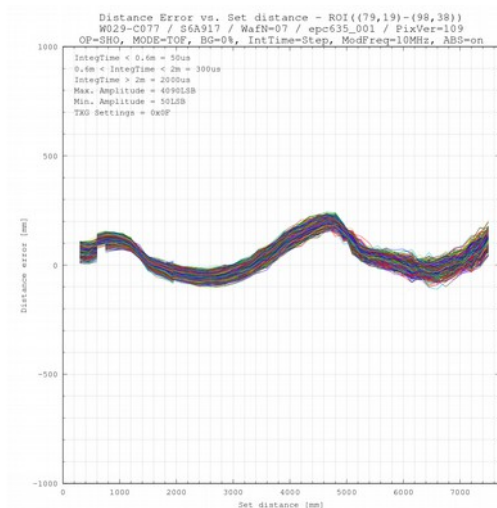
### Sales Representative

or the

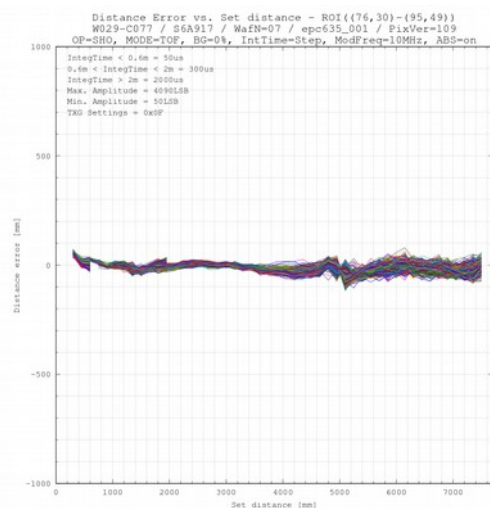
### ESPROS Sales Department

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A modern TOF sensor chip offers a fully digital interface to the control circuitry of a TOF camera. The first time user naturally expects straight forward implementation and digital accuracy of the measured signals. Unfortunately, this is often followed by tremendous disillusion because of the many physical effects influencing the final performance of 3D TOF cameras. Calibration and compensation is essential to reach the goal. This paper describes the error sources in 3D TOF sensor chips and how to compensate them on camera level.



*Figure 1: No calibration*



*Figure 2: Calibrated*

by Beat De Coi, Silvio Honegger

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