

Acuros Sensor Photoresponse Linearity Data

The data below shows typical linearity (Fig 1) and the deviation from linearity (Fig 2) collected from an Acuros HD sensor. It is representative of performance for all cameras in the Acuros family.

The data was collected and analyzed according to the EMVA 1288 specification.

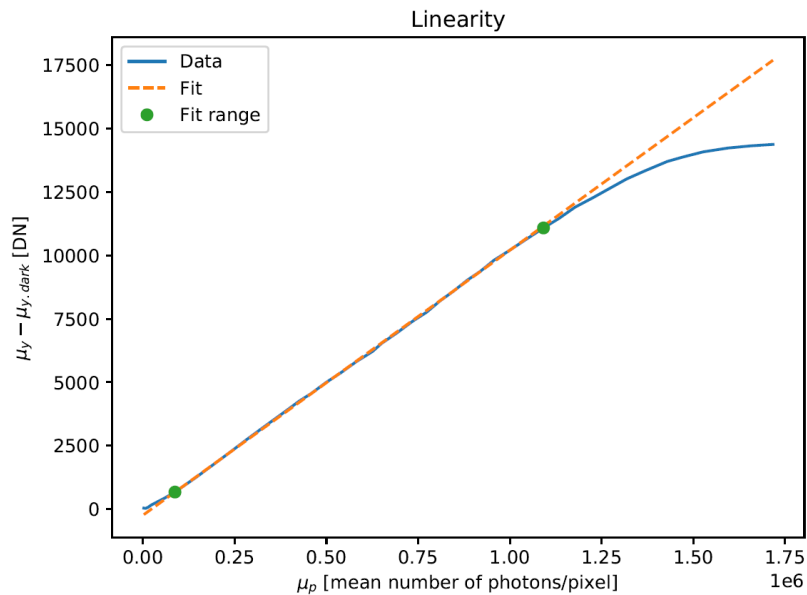


Figure 1. Plot of Acuros HD camera photoresponse linearity data collected using the EMVA 1288 specification. The excitation wavelength used for this measurement was 1550 nm. Note that raw sensor data without non-uniformity corrections (NUC) or bad pixel replacement was used for this analysis.

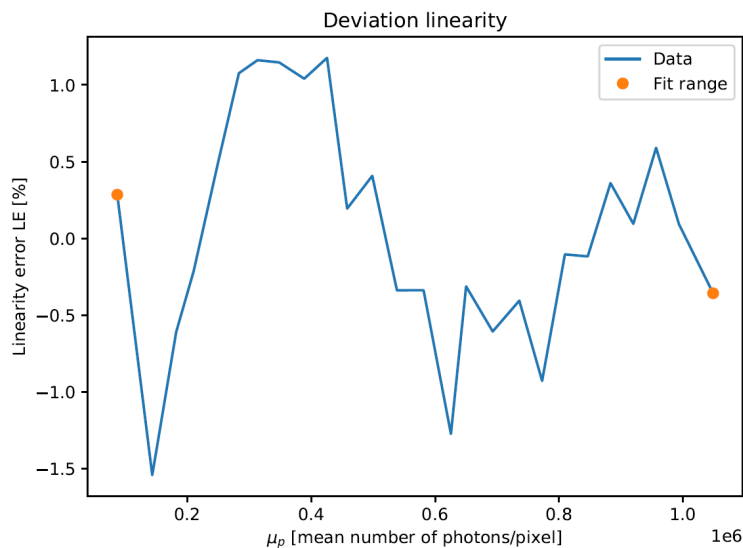


Figure 2. Plot of Acuros HD camera photoresponse deviation from linearity as a function of photon flux collected and analyzed using the EMVA 1288 specification. The excitation wavelength used for this measurement was 1550 nm. Note that raw sensor data without non-uniformity corrections (NUC) or bad pixel replacement was used for this analysis.