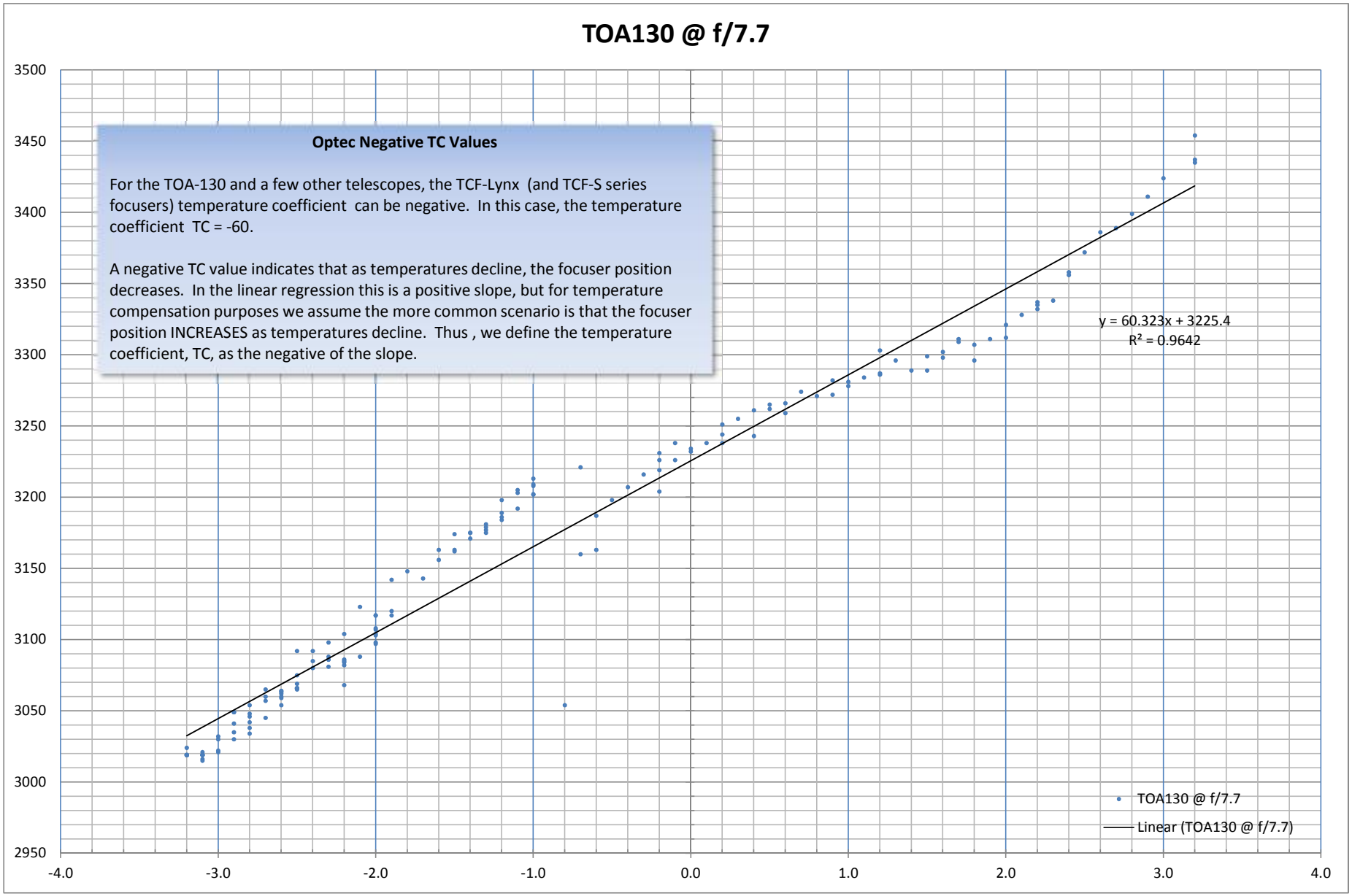

Optec Negative TC Values

For the TOA-130 and a few other telescopes, the TCF-Lynx (and TCF-S series focusers) temperature coefficient can be negative. In this case, the temperature coefficient TC = -60.

A negative TC value indicates that as temperatures decline, the focuser position decreases. In the linear regression this is a positive slope, but for temperature compensation purposes we assume the more common scenario is that the focuser position INCREASES as temperatures decline. Thus , we define the temperature coefficient, TC, as the negative of the slope.