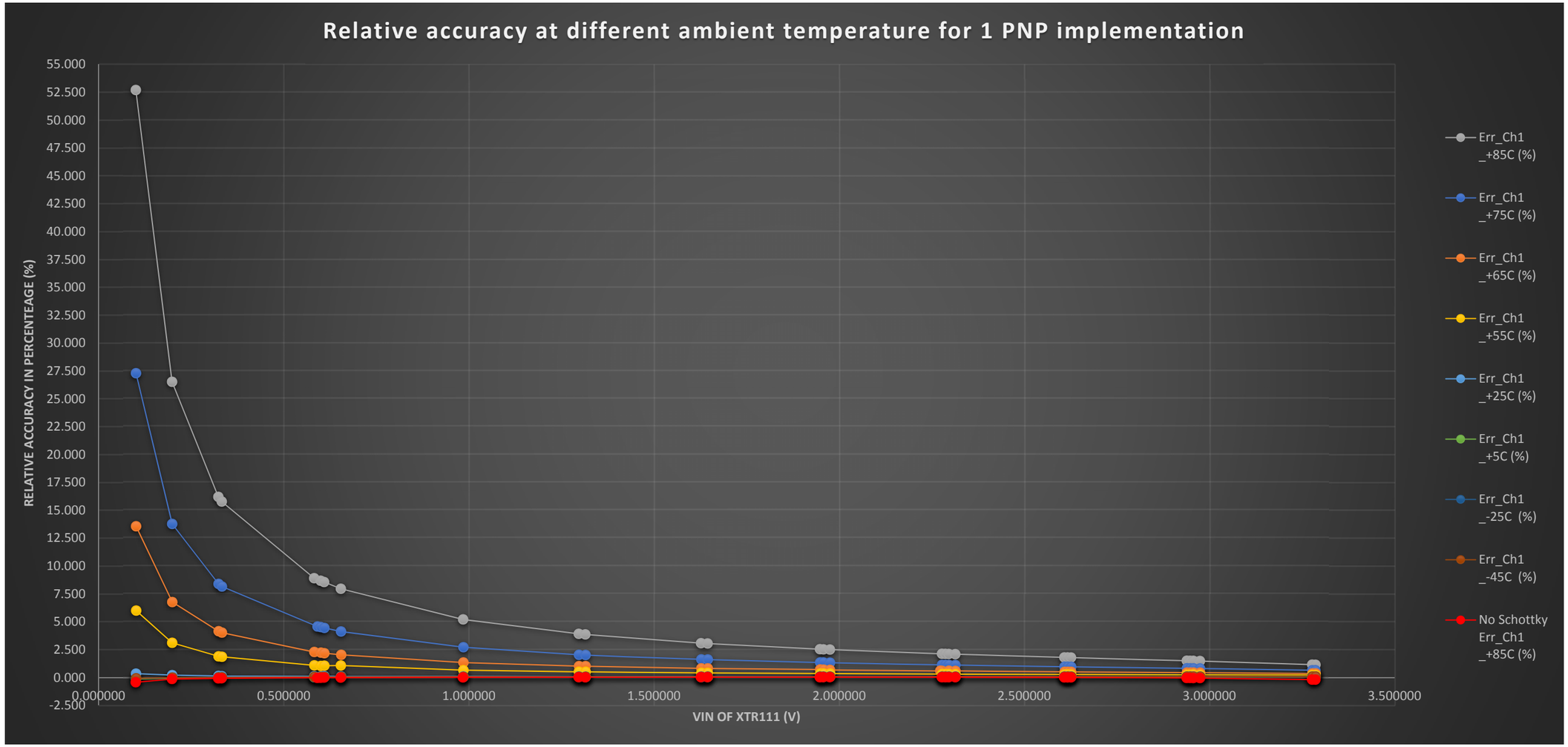

Figure 1. Relative accuracy of 4-20mA circuit measured at different temperature for MCU_Beta design

Comment:

1. All the curves in Figure1 are relative accuracy curve, which defined as the difference between measured current and calculated current in percentage.
2. The red curve in Figure1 was measured when Schottky diode D14 and D16 were removed. All the other curves were measured with Schottky diode D14 and D16 soldered on MCU board.
3. **After comparing these curves, we know that it was the protection Schottky diode caused the low relative accuracy at high temperature.**
4. **Relative accuracy of 4-20mA is much better than 2.5% in full 4-20mA output range even at +85C**