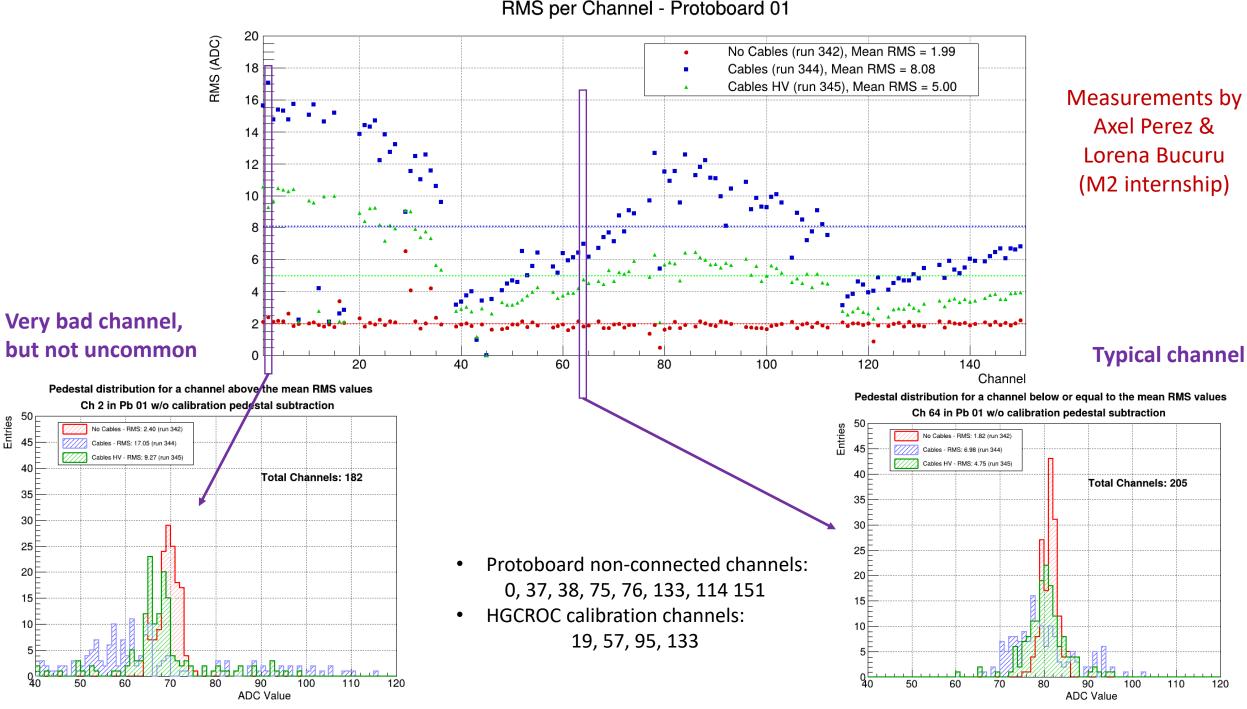
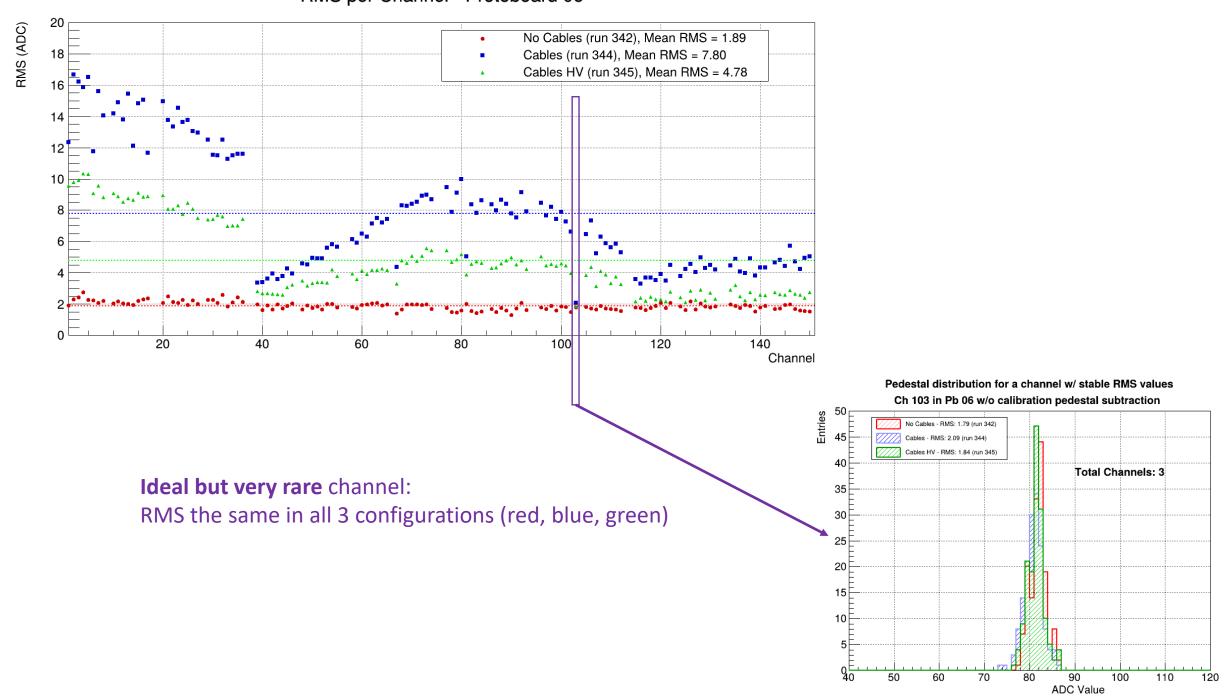
- > The following plots show the pedestal RMS of one particular sample of the waveform (sample 2)
- > Pedestals are shown for 3 different protoboards and as a function of the channel number for 3 different cases:
 - Protoboards not connected to the sensors: red
 - Protoboards connected to the sensors (but the SiPM are not polarized): blue
 - Protoboards connected and sensors polarized: green

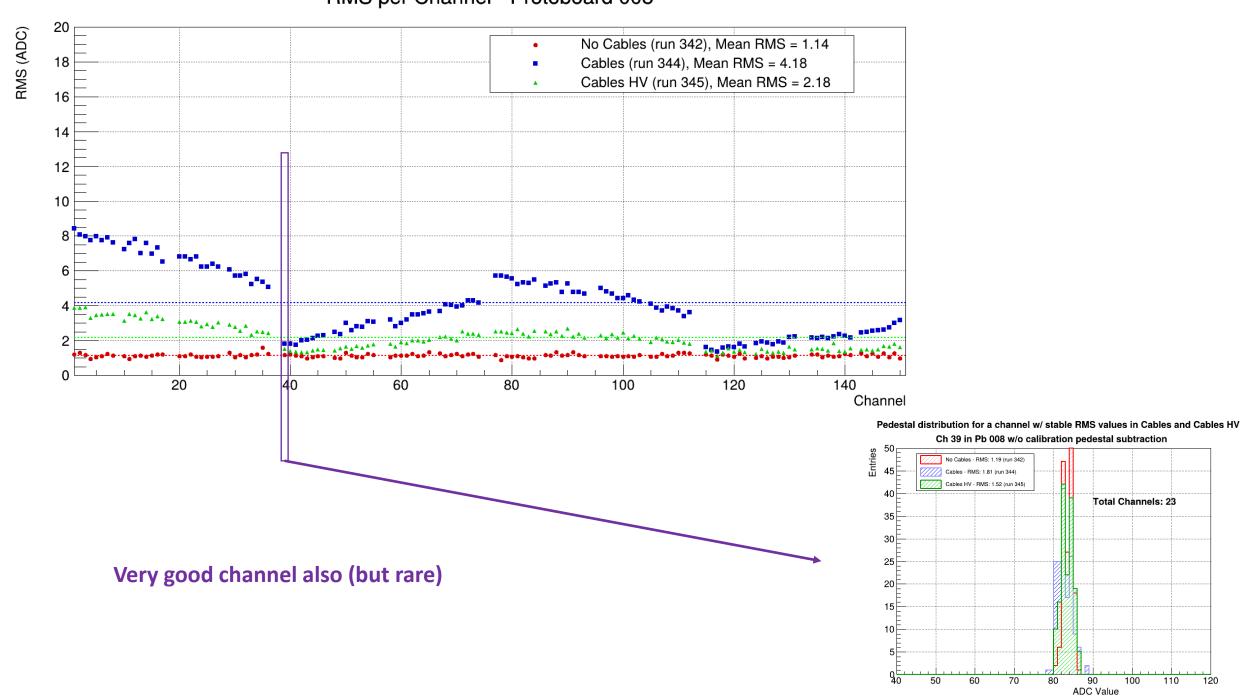
RMS per Channel - Protoboard 01



RMS per Channel - Protoboard 06



RMS per Channel - Protoboard 008



A few observations:

- > Significant increased in the RMS of pedestals when sensors are connected
- Slight decrease when sensor are polarized
- > Similar patern in all 3 protoboards as a function of the channel number
- ➤ Protoboard 8 is better than protoboard 1 and 6 (for all three cases: without sensors, with sensors connected, with sensors connected and powered)