



Figure 1: RCE bench-top system: ZCU102+FMC

**Front:** 10G optical fiber to back-end DAQ system



**Back:** miniDP cable interface to pixel detector



Figure 2: ATCA system for Rd53a/b

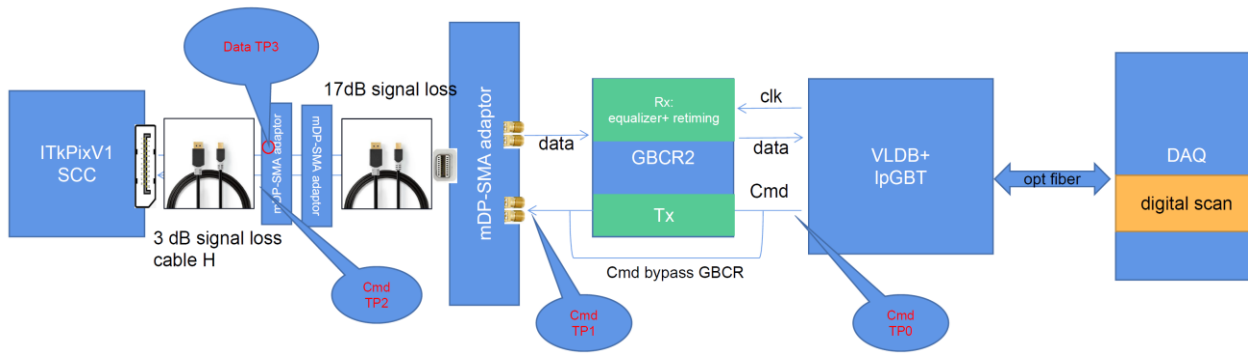


Figure 3: ATLAS ITk Pixel system data transmission demonstration