

Wedge status

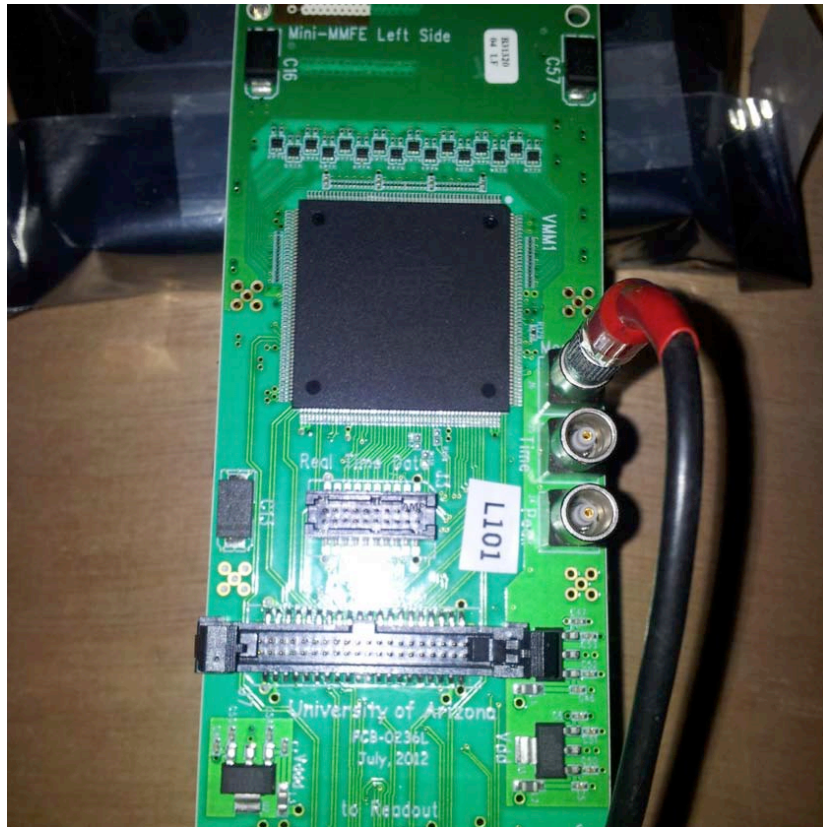
- New mechanical envelope has been developed and tested : it seems that the carbon fiber gives the best results
- Solution to avoid to glue the sensor on the tungsten : small screws and inserts in the permaglass : easy to uninstall

700 μ m
sensor,
HV and
readout



Small screws
inside
preformed
holes : less
than 700 μ m

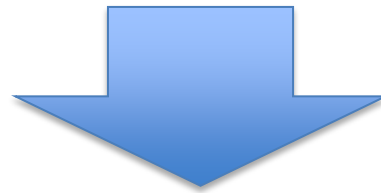
Panasonic connectors on kapton fanout



VMM1 chip : peaking time from 25 ns to 200 ns gain from 1fC/mV to 16 fC/mV : on going tests (nice pulses on the scope, need to check the DAQ now)

General remarks :

- Not enough statistic from the CERN test beam
- We can have between 4 and 8 wedges to test



we need test beam 😊

One week will be good and ten days perfect !

In case of positive decision we need to think already now about sensors preparation for module assembly (test and select them).