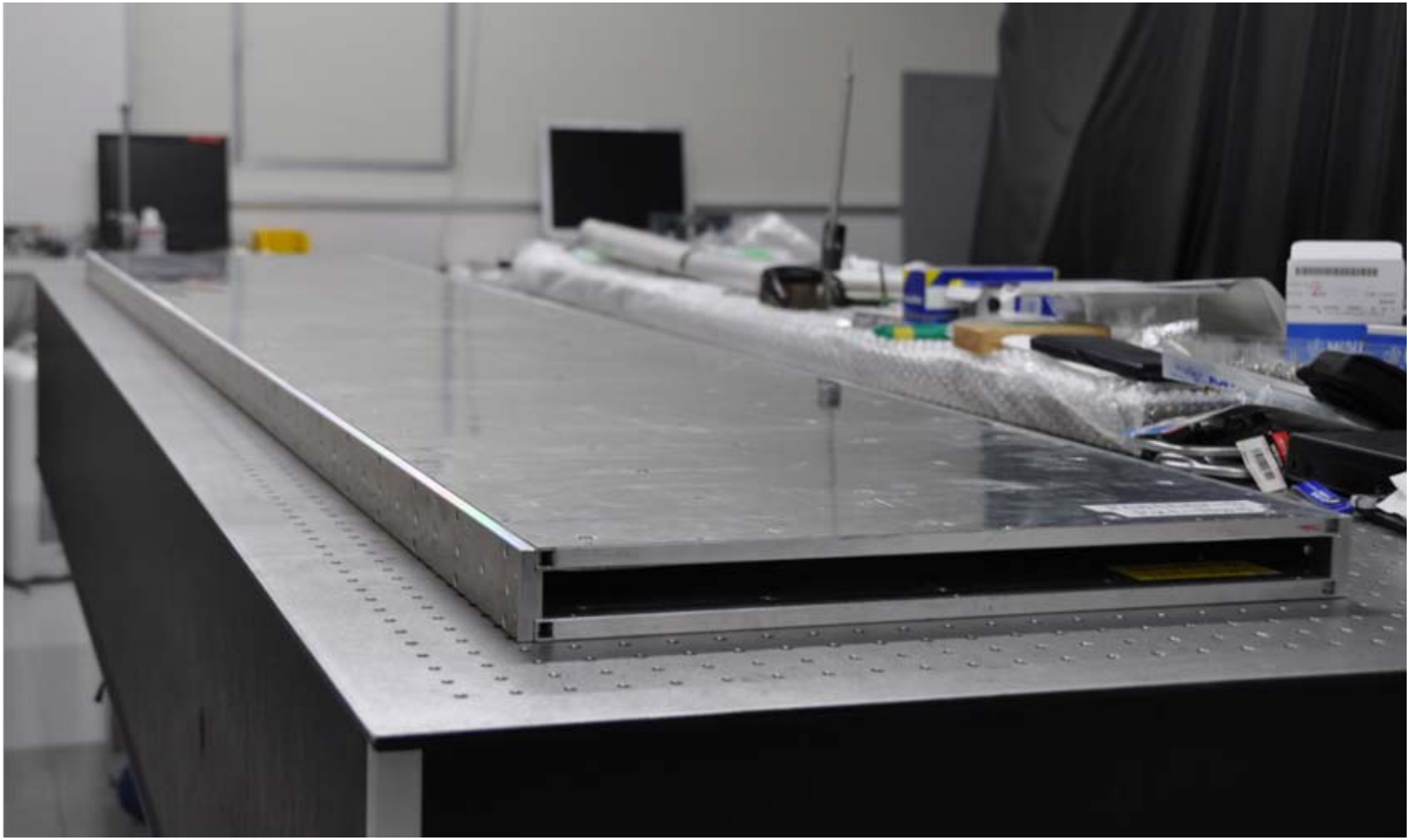
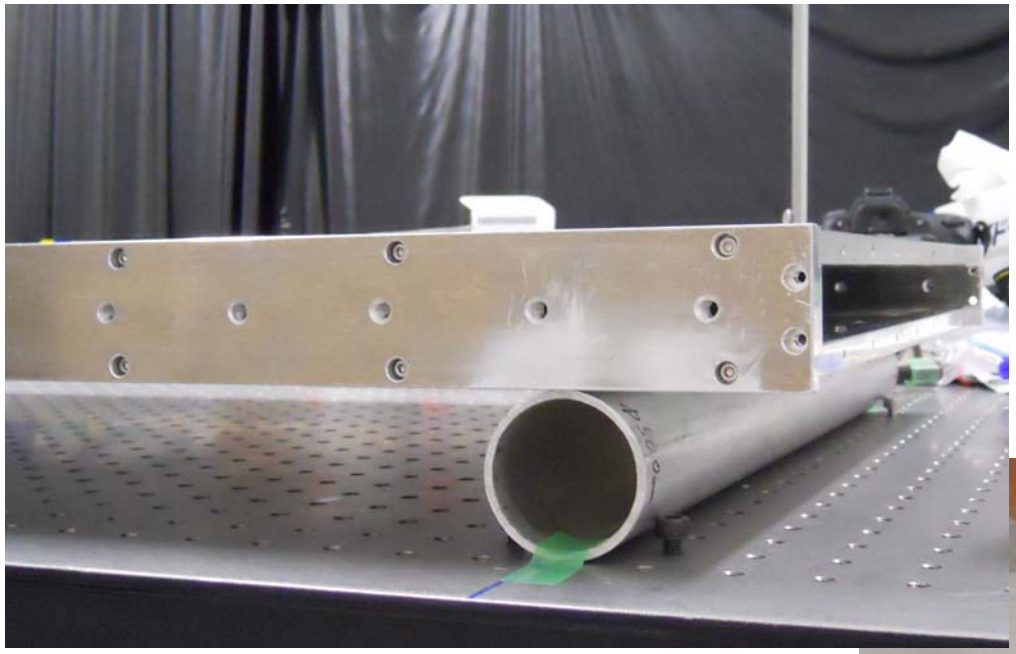
QBB for Beam Test

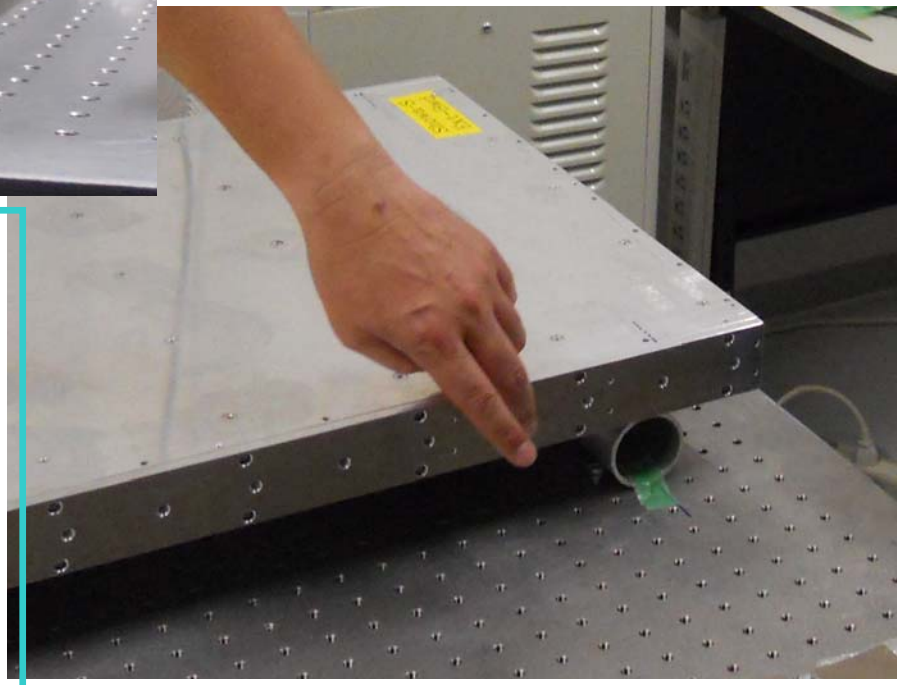


Side walls and honeycomb panels are 10mm thick.

Deflection Test Set Up: with “simply supported” ends



~42mm diameter aluminum pipe is secured to the optical table at each end of the QBB to allow for “simply supported” deflection measurements.

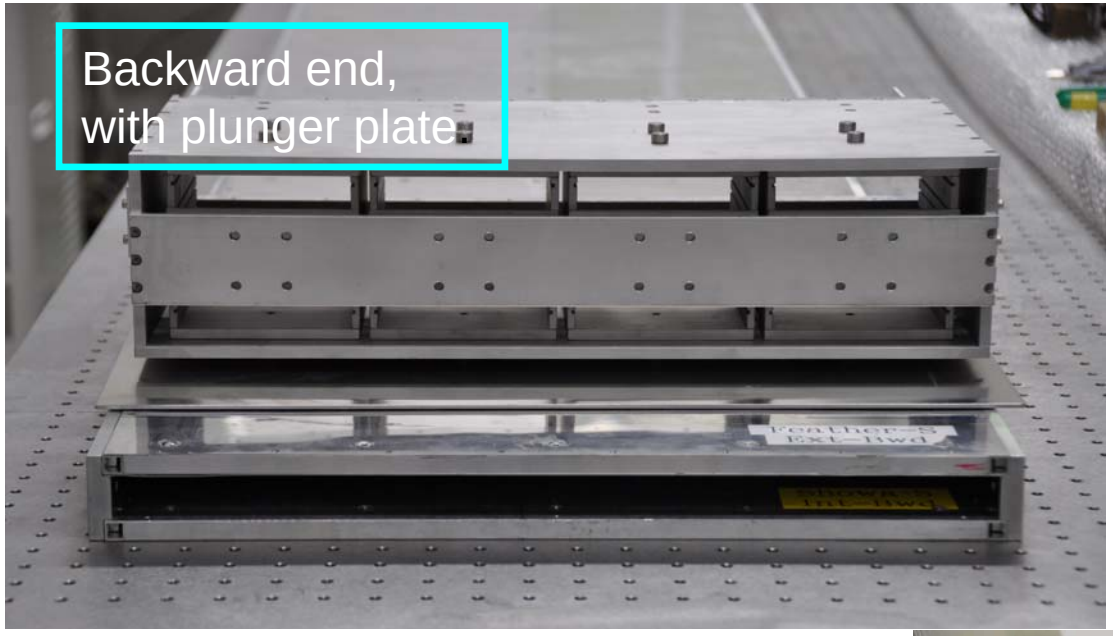


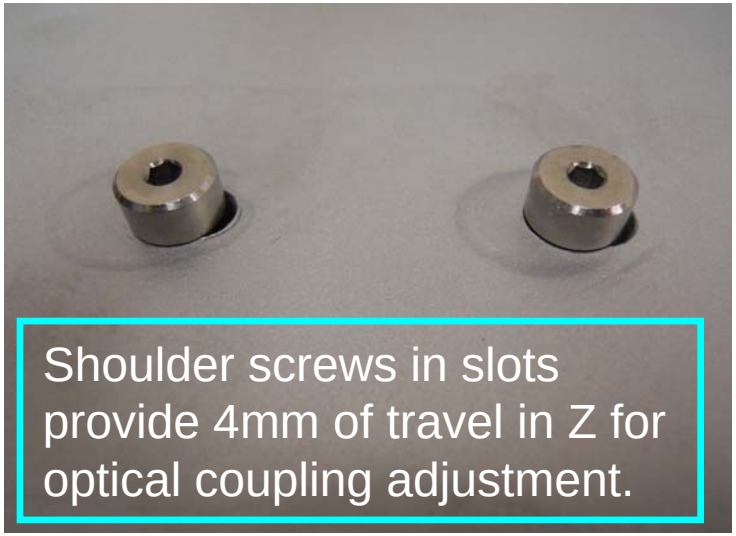
Aluminum plates are placed into the QBB sequentially to increase the load and to mimic the quartz.

Deflection measurements are taken at six positions as the load increases.

“No load” measurements are taken at the beginning and end of each run.

Hawaii designed read-out module with implementations by Kohriki-san.





Integration pictures: a successful marriage of East meets West.

Kawai-san: senior Nagoya engineer/supervisor who did final the final machining and assisted with making the integration successful.

Many Mahalos, as we say in Hawaii!