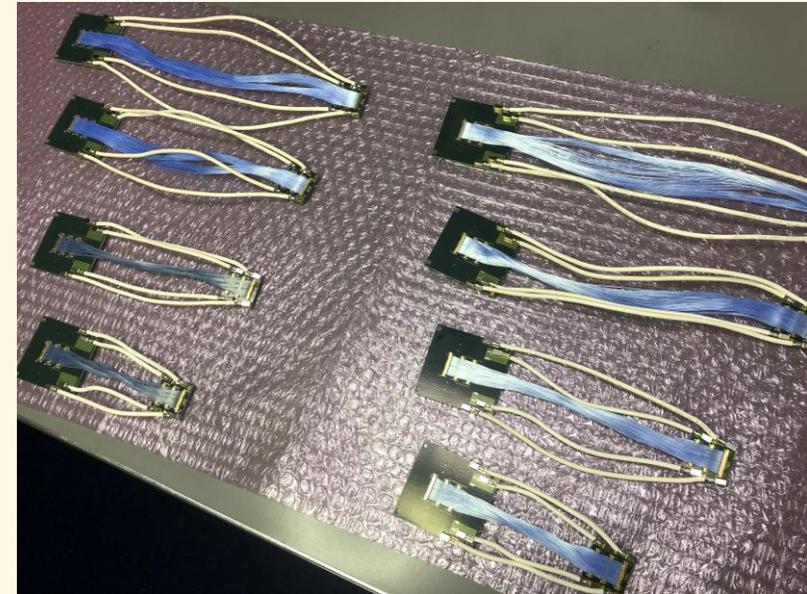


Micro coax cable Prototype II

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Abstract

- Micro-Coax cable based on conversion cables were delivered from Hayasi-REPIC.
- Attempted to take calibration data with these micro coax cables.
- I will report the result of calibration test.



Micro coax cable

column A/C type

column B/D type

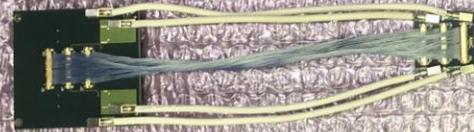
A/C 25cm



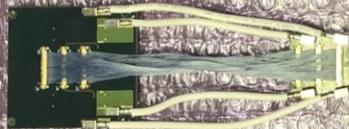
A/C 20cm



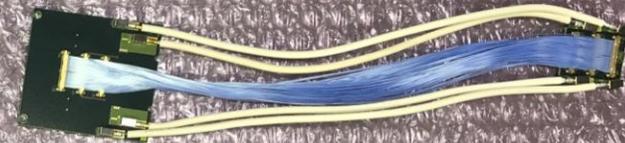
A/C 15cm



A/C 10cm



B/D 25cm



B/D 20cm



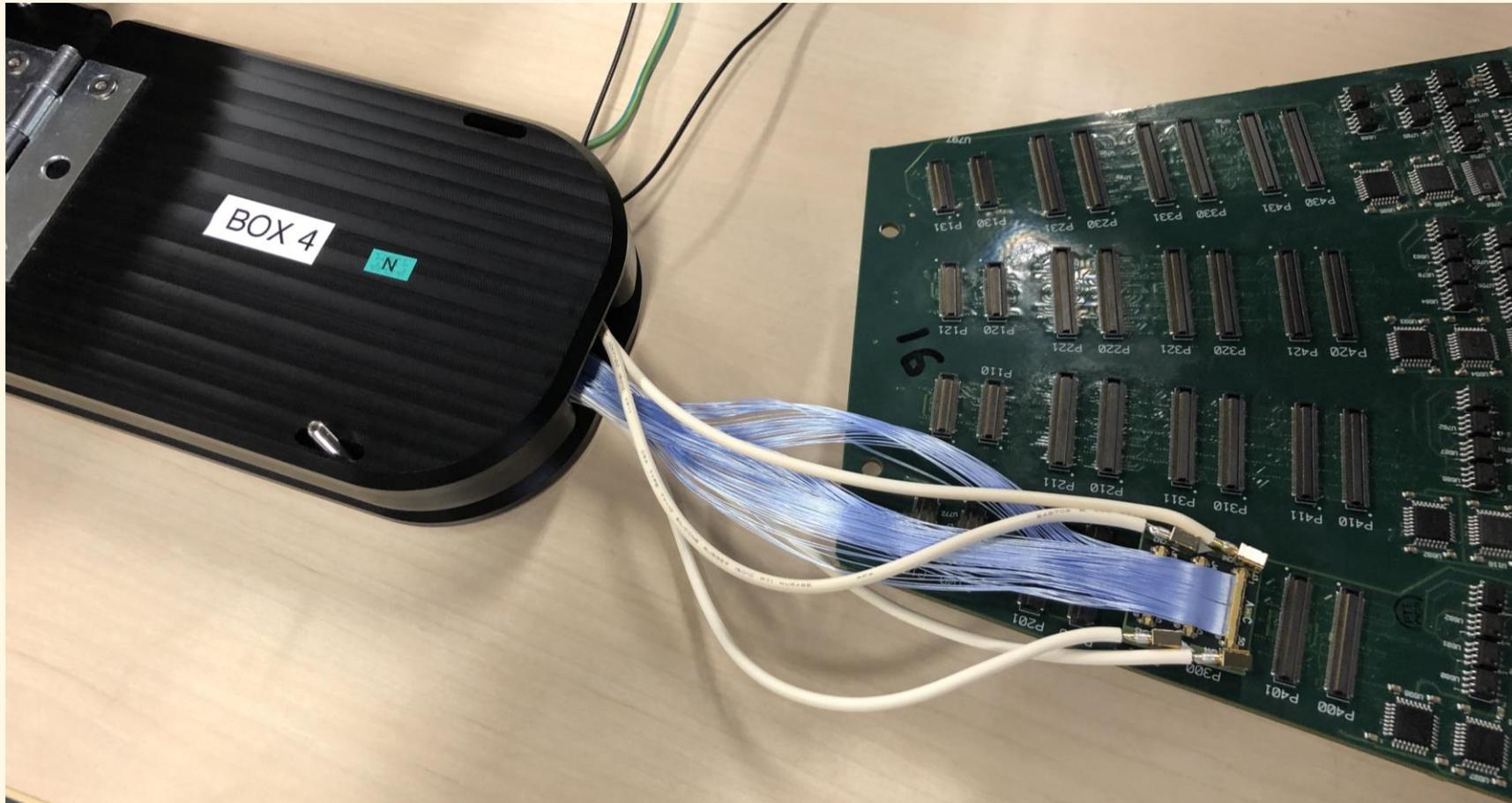
B/D 15cm



B/D 10cm

Test1

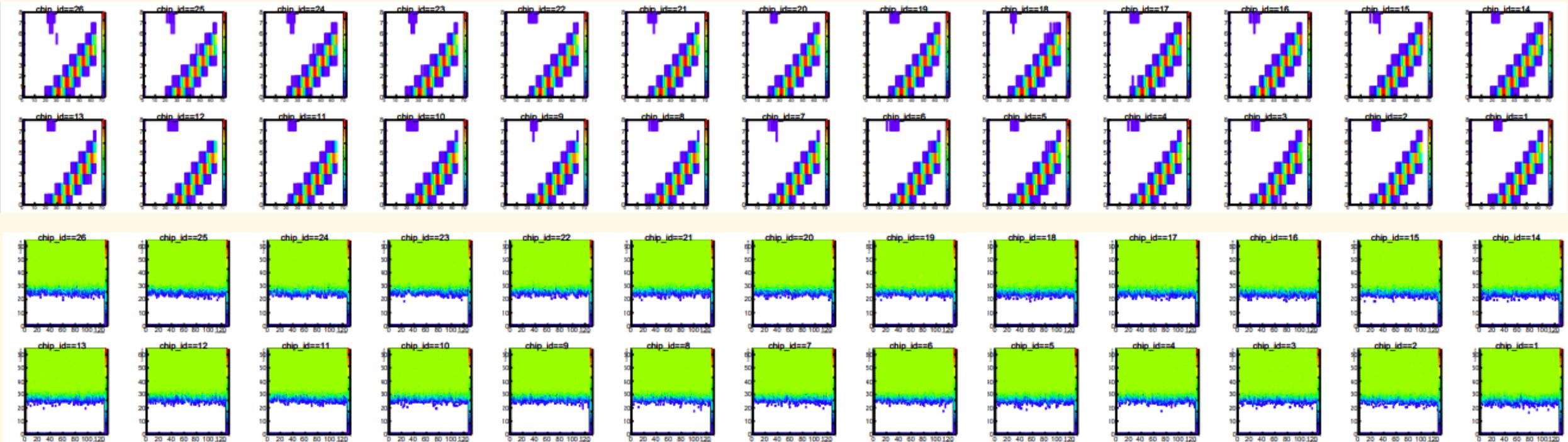
- I connected this coax-cable between HDI and ROC.
(without BEX)



Test1 result

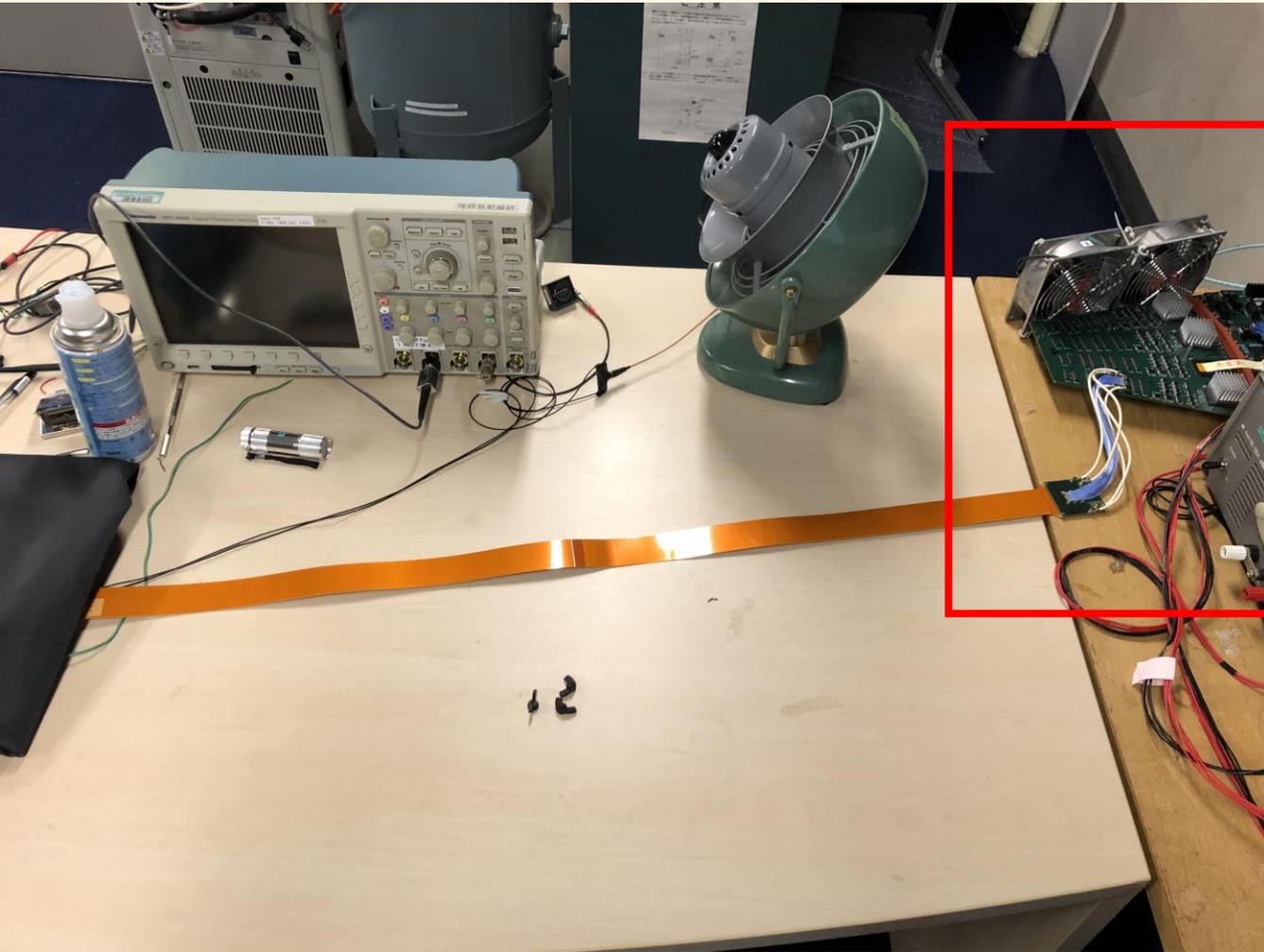
- Observed good calibration results for **all cables** (AC/BD for 4 different lengths)

Example: type A/C ,length 10cm



Test2

- Data taking with BEX.

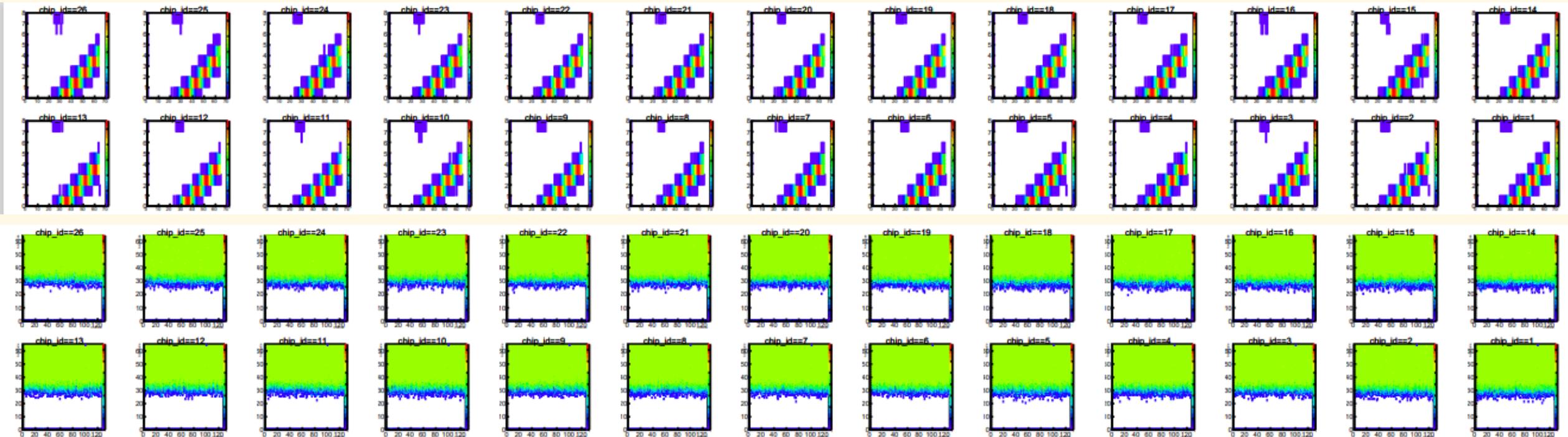


good flexibility!

Test2 result

- Observed good calibration results for **all cables** (AC/BD for 4 different lengths) **with BEX** as well.

Example: type A/C ,length 10cm, **with BEX**



Test3

I tried to connect all cables to ROC.

not overlap another cable.

-> good size.



Summary

- Observed successful calibration data taking for all micro coax cables regardless of A/C B/D type and length.
- Demonstrated good flexibility in transverse plane.

