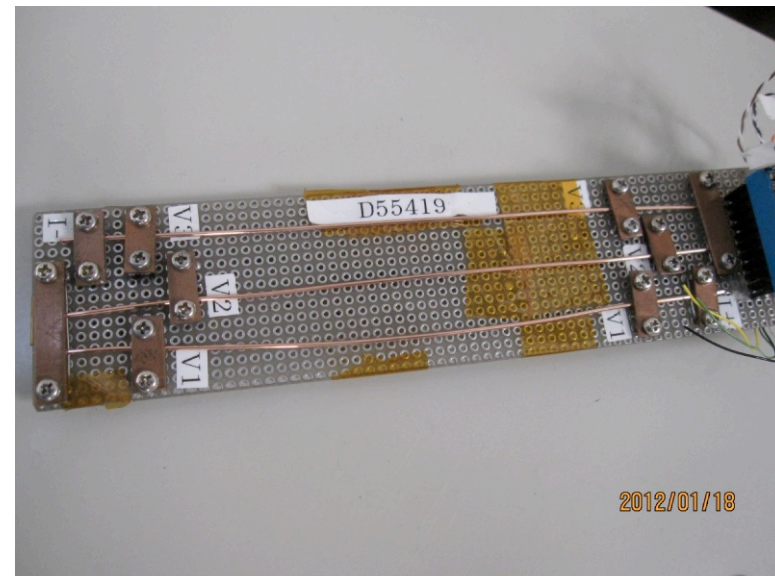


Material Selection for the Masses (4) and Lab Preparation  
2012/2/8 Chihiro Tokoku

[ 1 ] RRR measurement of Copper Alloy

	Cu-Ag (Cu-0.03%Ag)		Cu-Sn (Cu-0.03%Sn)		Cu-Zr	OFC (Cu>99.99%)
Conductivity	95%IACS		99%IACS			101%IACS
Anneal	None	400C, 1hr	None	400C, 1hr	-	-
RRR	<b>30.2</b>	<b>191.6</b>	<b>9.75</b>	<b>12.3</b>	13.8	~300 (C10110) ~6000 (7N)

- Sample were provided by Furukawa-Electric.
- Annealing and test was done at KEK.
- Cu-Zr and Cu-Ag by Hitachi-Cable will be tested.
- Cu-Sn is a good candidate with several tens of RRR.



2012/01/18

## [ 2 ] Preparation of Lab 101

- Base plate anchored. Compressor and chiller installed.
- Lab's basic equipments furnished.
- Wiring and ducting work in progress.

