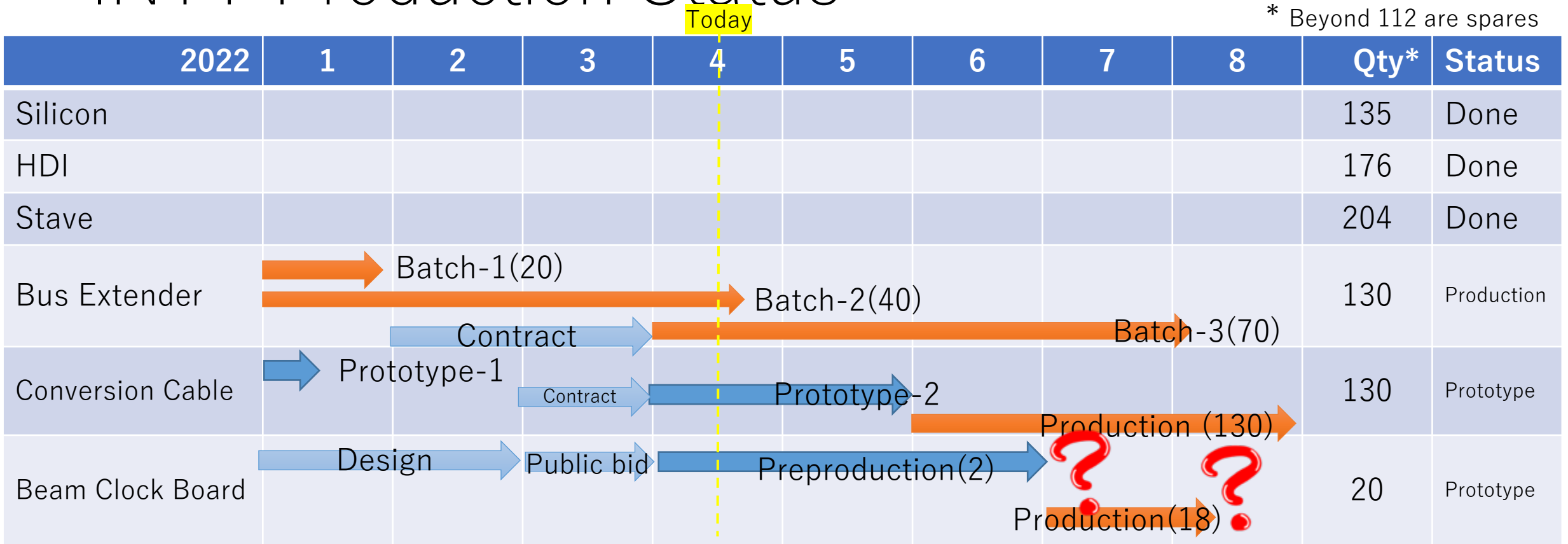
Production Status

RIKEN/RBRC

Itaru Nakagawa

INTT Production Status

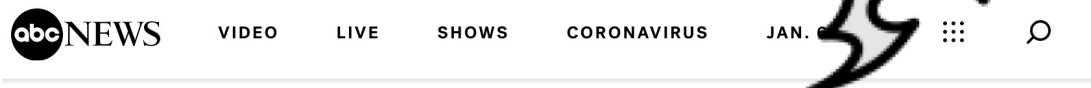
* Beyond 112 are spares



- Components procurements for BCDB by Arus co. is in progress. In optimistic scenario, they will complete procurements by 1st week of May.
- Batch-2(40) Bus Extender Production is on schedule. Expected delivery in next week. All cables are to be shipped to BNL right away.
- The harness of μ-coax cables for the prototype-II are expected to be delivered to Hayashi-REPIC by the 1st week of May. The delivery of prototype-II on schedule is getting feasible.

Potential Risk for Delay…

Factory is in Shenzhen



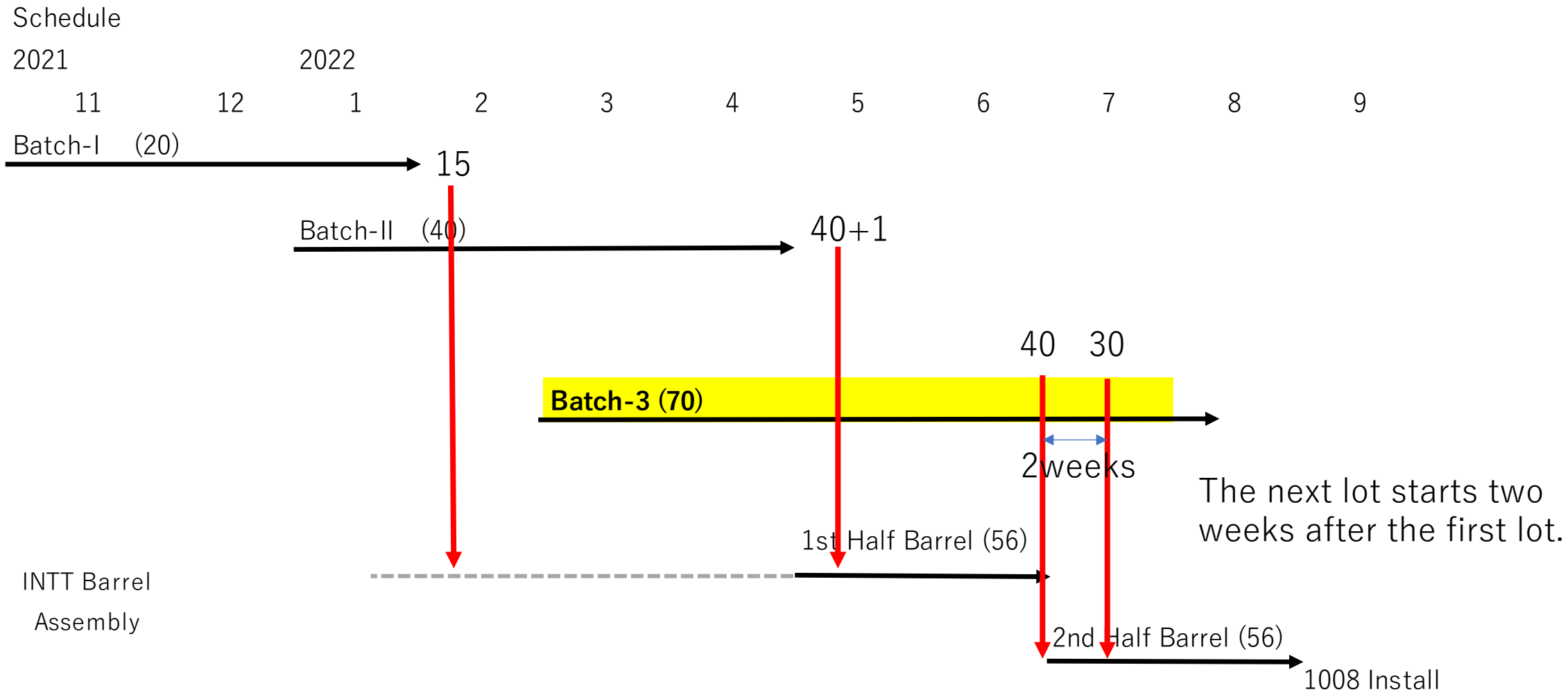
On Sunday, China ordered all of Shenzhen's 17.5 million residents into a seven-day lockdown, with three rounds of testing. All public transport is halted and all businesses, except essential services, will be closed until March 20.

As a result, Apple supplier Foxconn has shut two of its plants in the area and relocated production elsewhere.

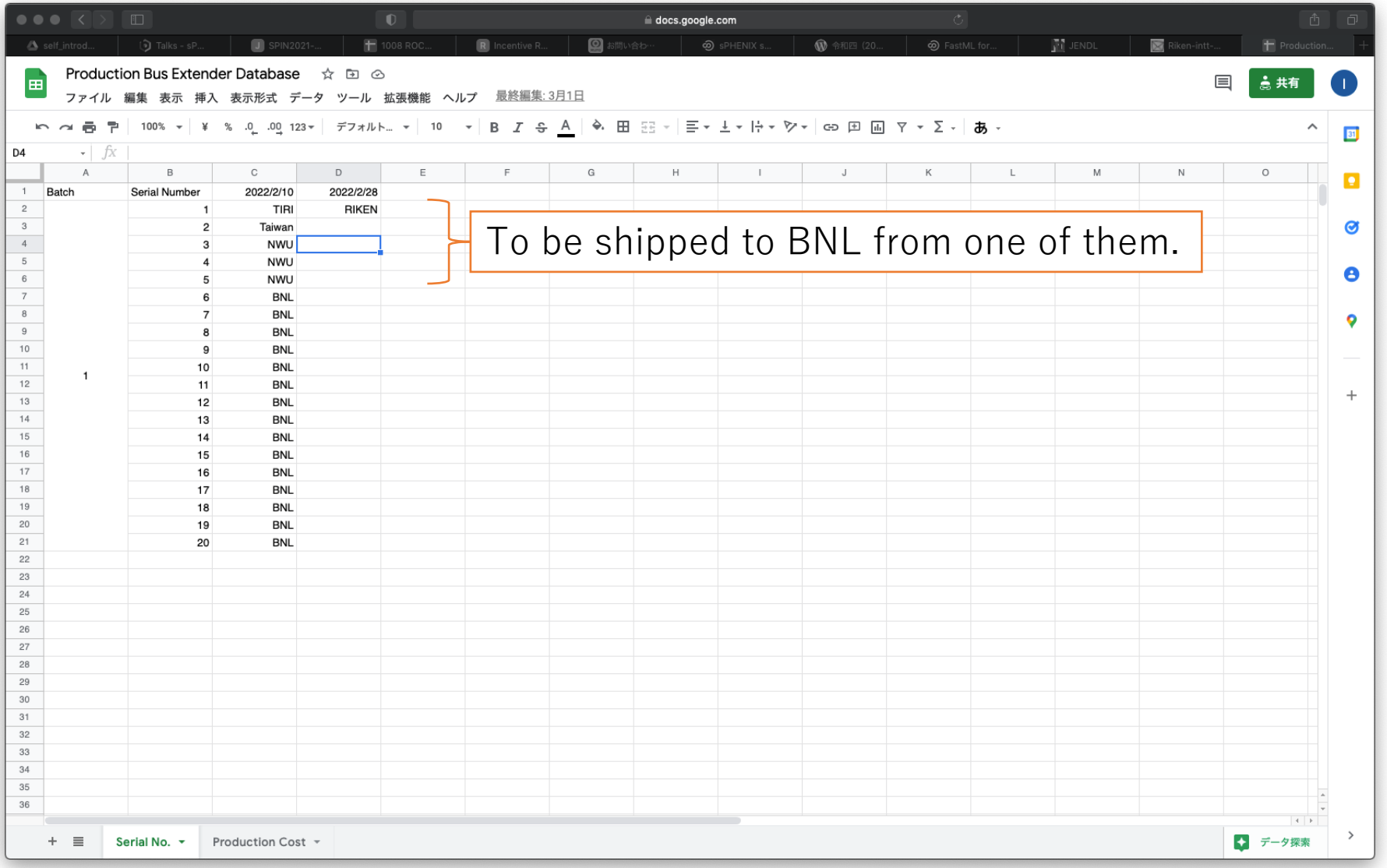
The lockdown and outbreaks threaten manufacturing and tech production in Shenzhen, known as China's Silicon Valley. It's home to Huawei and Tencent, and is home to one of the country's key ports.

-> Back in operation by now.

Bus Extender Production Batch-II, III



Batch-1 Bus Extender



	A	B	C	D
1	Batch	Serial Number	2022/2/10	2022/2/28
2	1	1	TIRI	RIKEN
3		2	Taiwan	
4		3	NWU	
5		4	NWU	
6		5	NWU	
7		6	BNL	
8		7	BNL	
9		8	BNL	
10		9	BNL	
11		10	BNL	
12		11	BNL	
13		12	BNL	
14		13	BNL	
15		14	BNL	
16		15	BNL	
17		16	BNL	
18		17	BNL	
19		18	BNL	
20		19	BNL	
21		20	BNL	

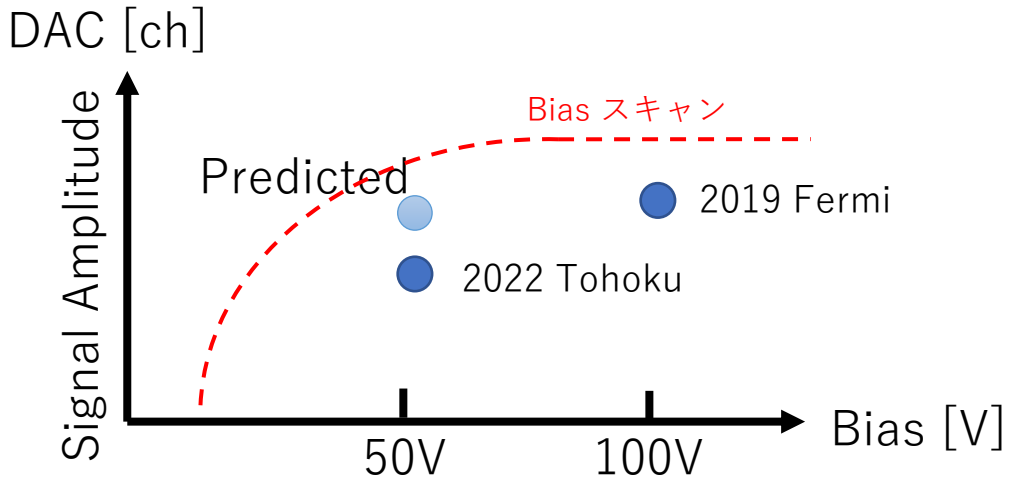
1008 ROC Test

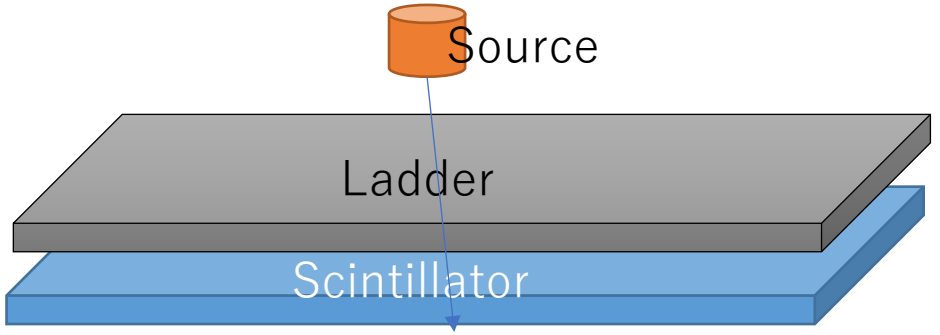
- 6 Class-1 ROCs are to be exported to BNL. It is now under paper work.
- Details are to be reported by Hikaru Imai soon.

Hikaru is training 3 new undergraduate students of Rikyyo University

Bias Response of Silicon Signal

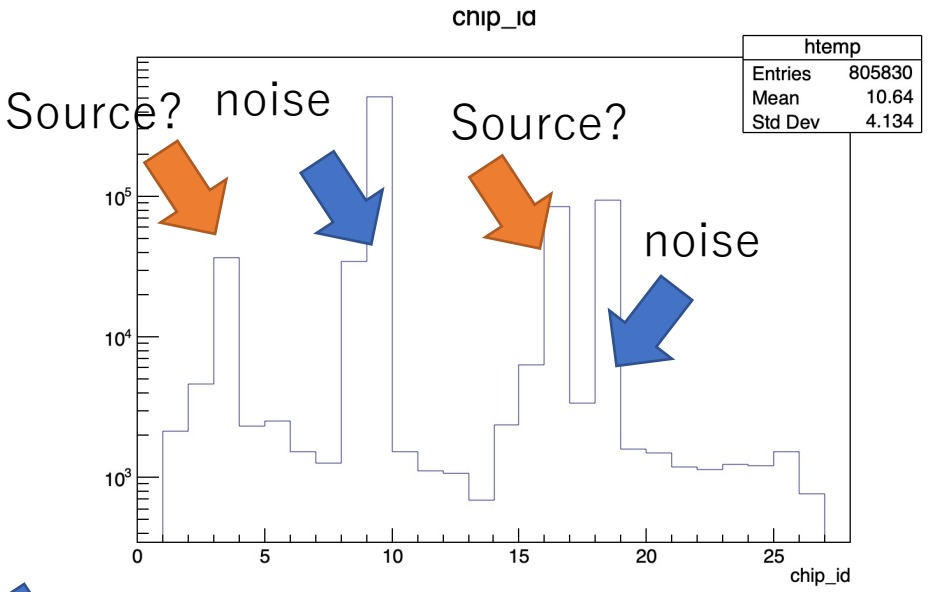
- The MIP position is smaller than what we expect from Hamamatsu's C-V observation.
- Here is the idea how we can investigate further on this remaining mysterious behavior.
- There are 56 x 4 = 224 Silicon Bais channels to be operated simultaneously.
- We should have some idea of the behavior of necessity <100V operation in case during the experiment.

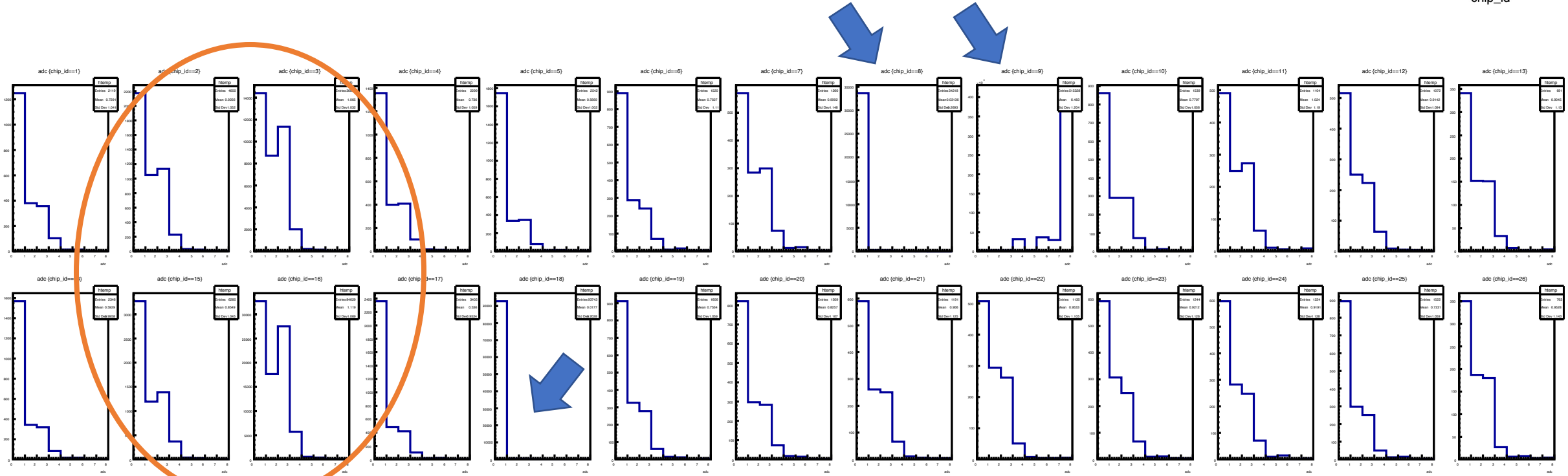




Can we identify the peak?

The operating voltage was 50V.
The peak may be identifiable.





External Trigger Preparation In RIKEN TB

- Trigger Scintillators, Bias Powers.
- MIN logic (Discri, level adapter, GG for delay)
- Trigger cables
- Bias power, Bias power cable
- Visual Scaler
- Etc..