

Dear all,

Here is the minutes from today's meeting.

o Taiwan report <Cheng-Wei>

- DAC0=40 pedestal measurement shouldn't be used to evaluate the pure noise rate measurement. It is only be used for the noise hit rate baseline for the source. Should evaluate the noise level of the ladder by the independent noise measurement by pedestal run with lowered threshold.
- Regarding the thicker tail of the residual distribution, Cheng-Wei sent the reference (<https://arxiv.org/pdf/1405.2759.pdf>) to Yasuyuki. **Yasuyuki** will take a look the reference and try to investigate the origin of the discrepancy between simulation and data.
- **Cheng-wei** should try the Independent mask noisy channel it should work for the external trigger.
- Because DAQ0 scan is time consuming, lets not execute DAQ0 scan for the QA ladder. Instead, evaluate hit rates by hit rates in the each DAQ bin.
- **Cheng-wei** continues to investigate the chip-by-chip rates variation if it can be explained by the gain which has independently measured by the calibration.

o Production Status <Itaru>

- Layout design work by Asuka is ongoing. To be finished by the end of January. Then we'll move on to the 2 pre-production.
- 20 preproduction bus extender is to be delivered in the middle of January. Itaru's proposal is following. Let Itaru know if you have different suggestion.
 - o 1 cable for testing and performance measurements in RIKEN and TIRI
 - o 3 cables to be used in NWU for the cosmic ray efficiency measurement.
 - o 16 cables to be shipped to BNL for the barrel assembly.
- Next 40 production is to be started in the 3rd week of January. The inspection fixture for the signal layer is under development in RIKEN for it.
- We had productive beam test data analysis boot camp in Dec.23-24 in NWU. The studies of the mini scintillator and correlation between the CAMAC data and INTT hits are to be reported by **Miu** or Takashi in near future.

Regards,

-itaru

On 2022/01/06 20:26, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

Jan. 6th Thursday 8PM in BNL = Jan. 7th Friday 10AM in Japan = Friday 9AM in Taiwan

*indico

<https://indico.bnl.gov/event/14089/>

*Zoom

<https://zoom.us/j/92149923535>

Best regards,

-itaru

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