# Offline QA
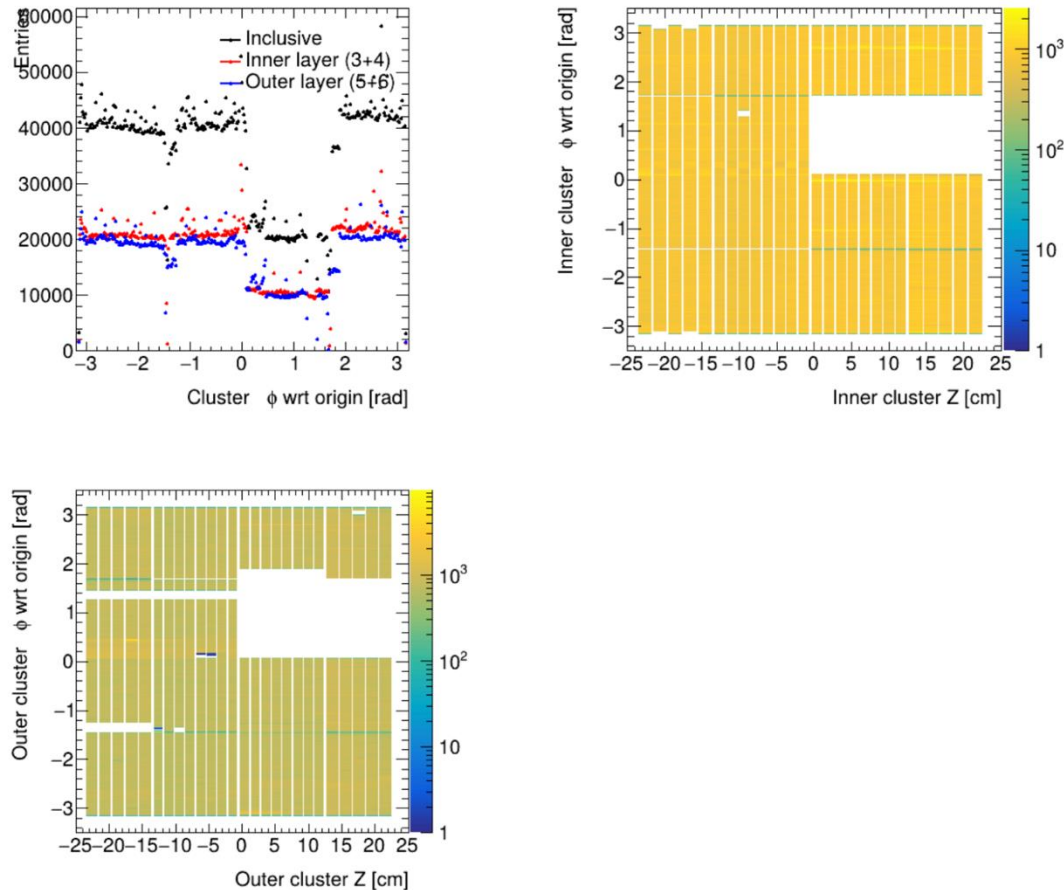
Yuko Sekiguchi

RIKEN

# Large acceptance missing in cluster distribution

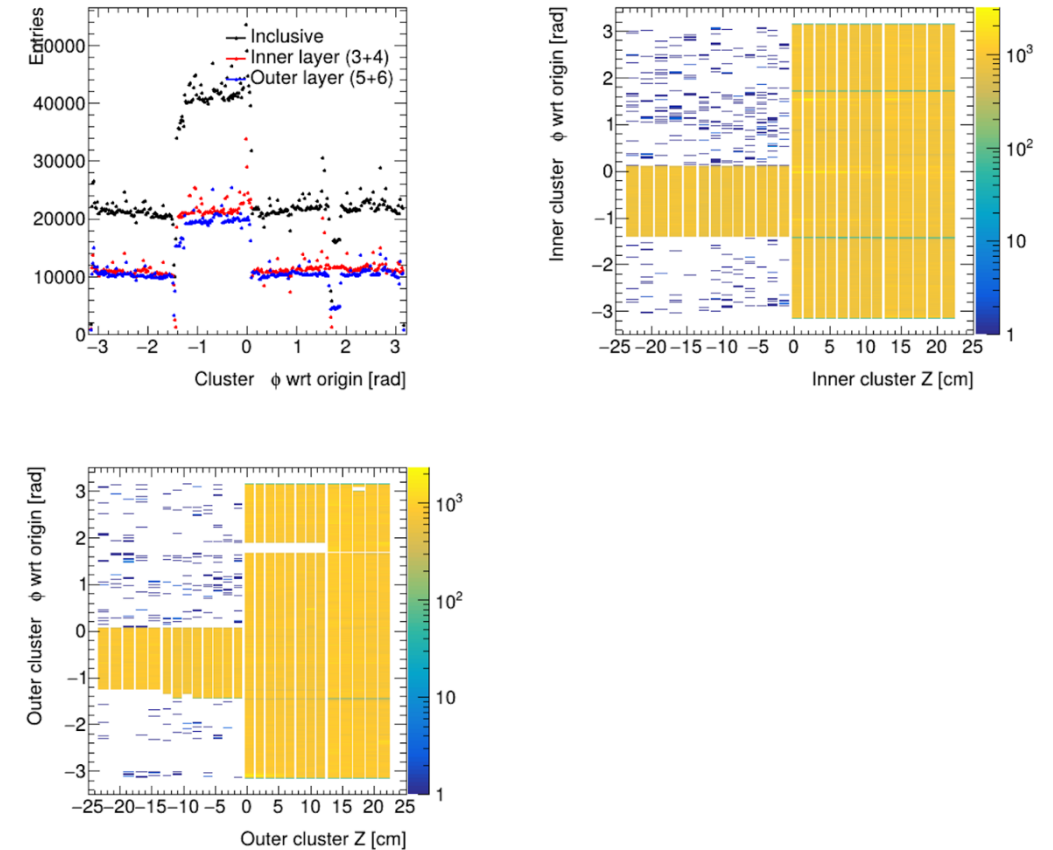- Two recent runs with large acceptance losses were reported by the offline shifter.
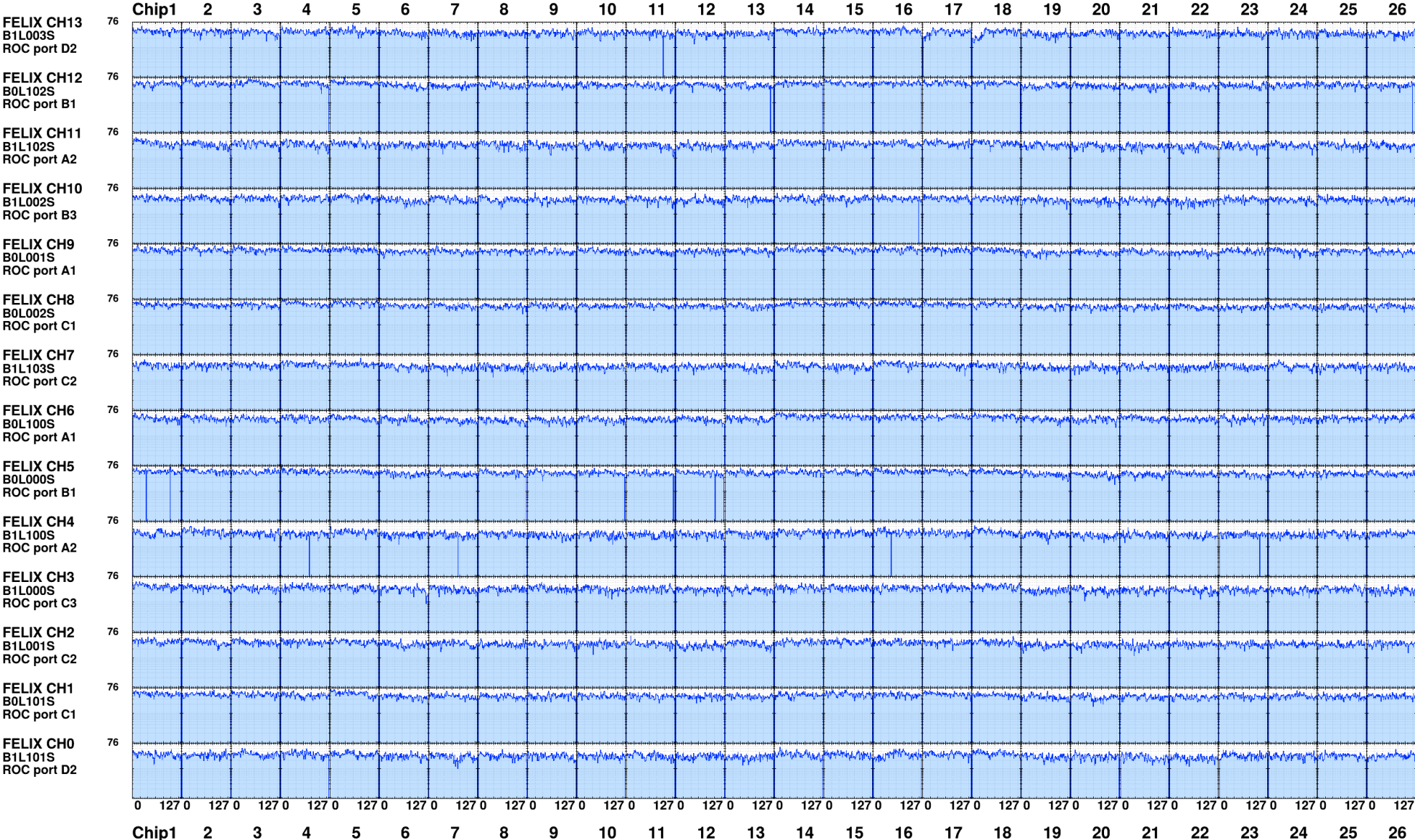
# Online monitor

- No issues were found in the online monitor. Nothing was recorded in the Elog.
- The duration times of these runs were 40 minutes and 1 hour.
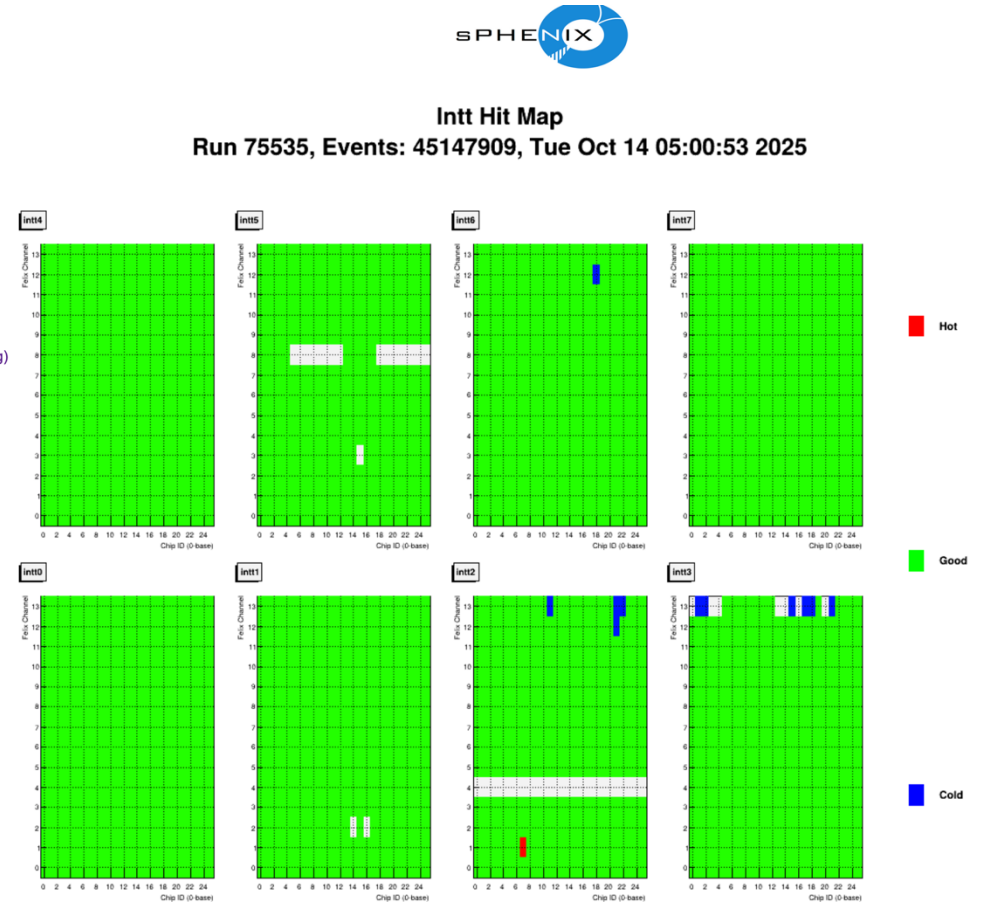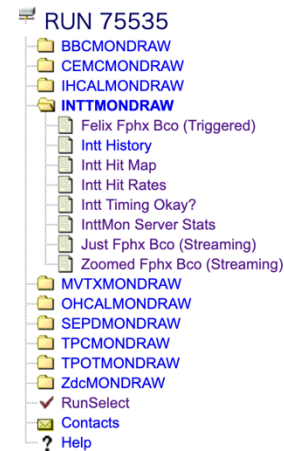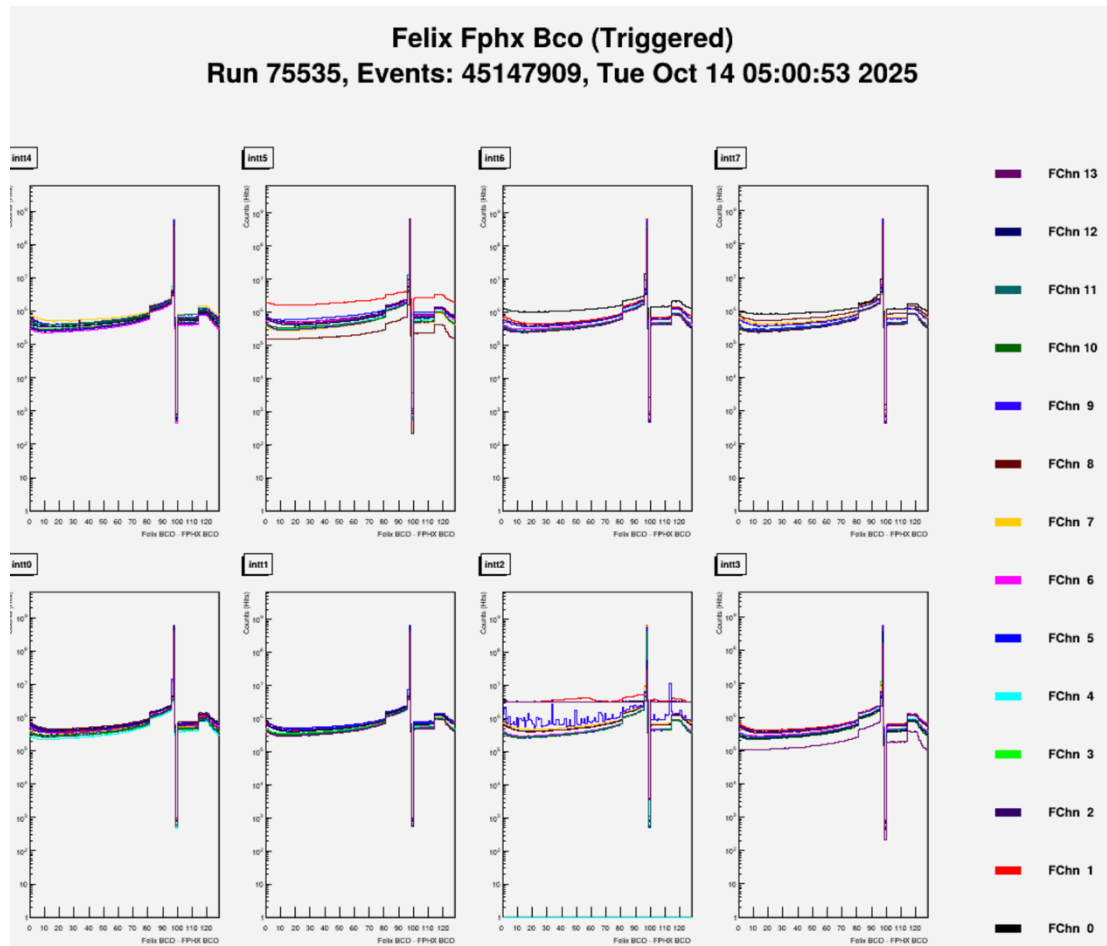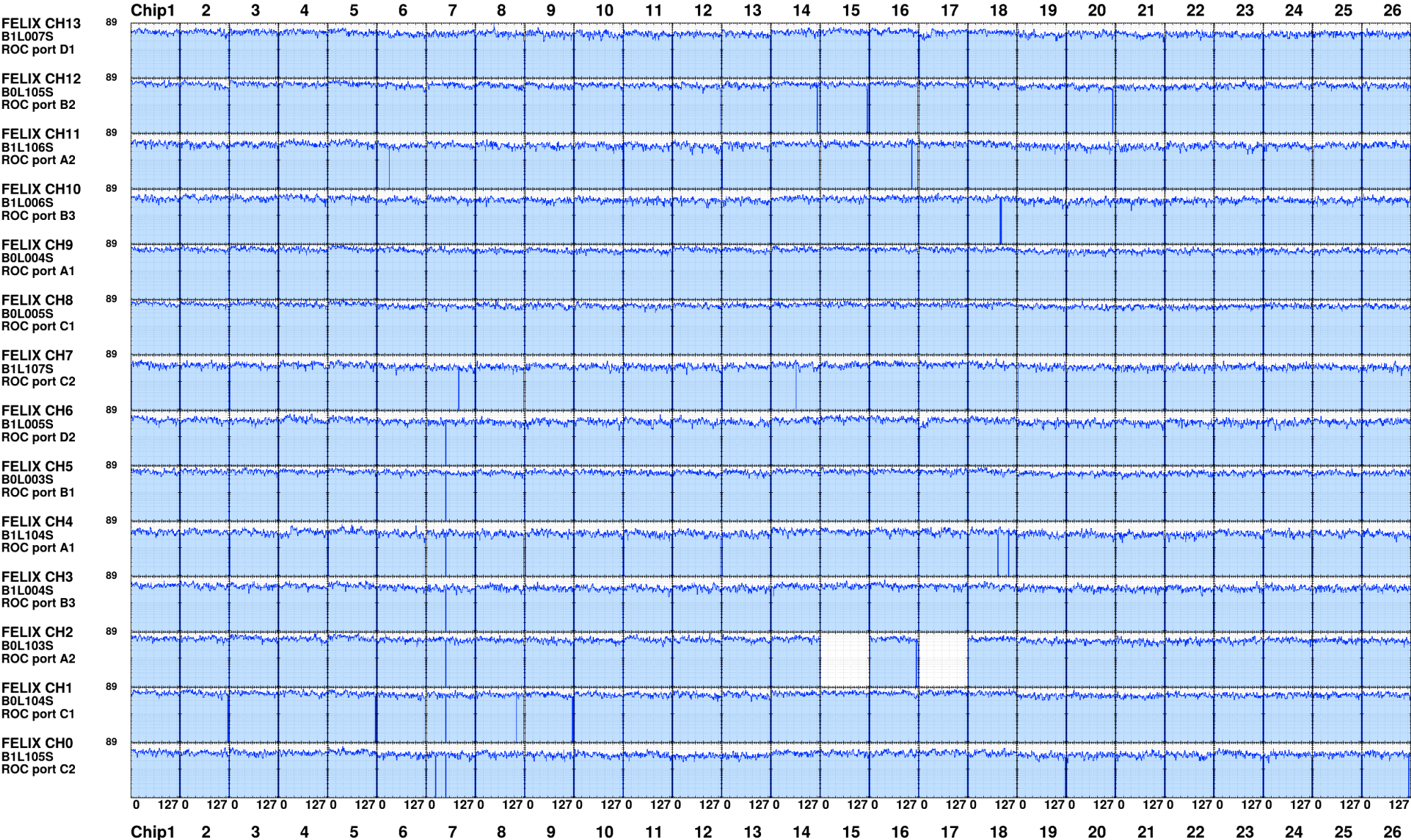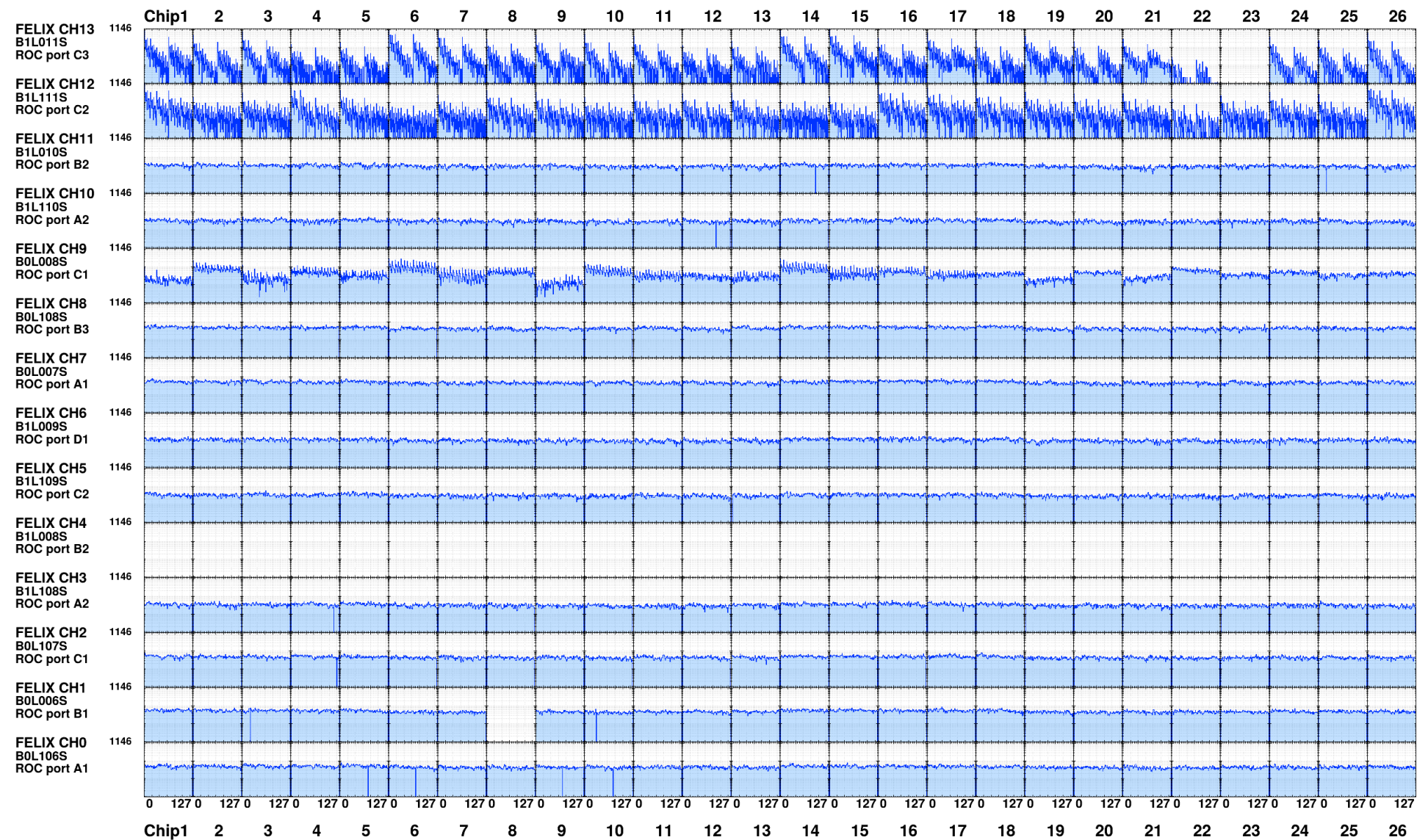
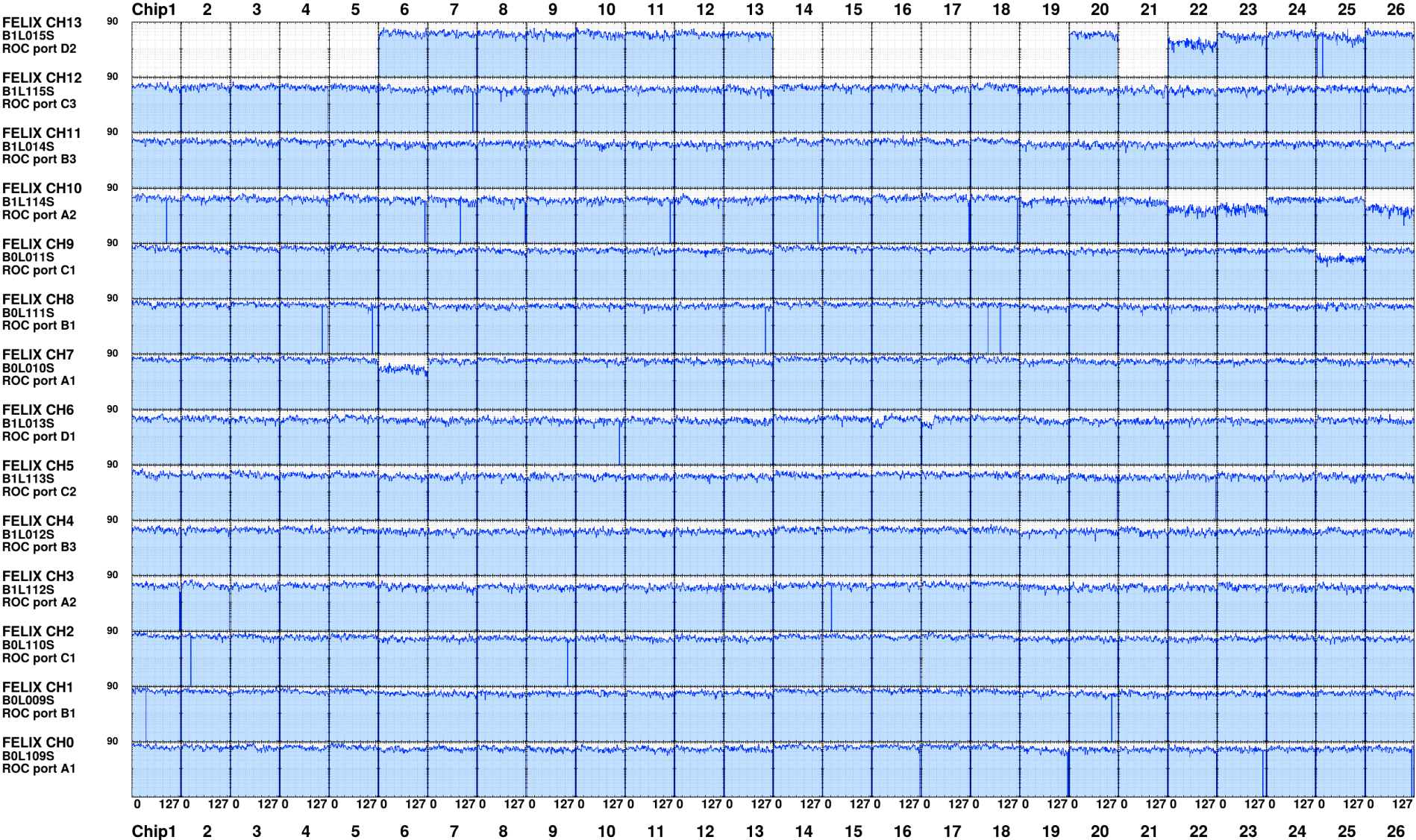# QA plots for Run75535

intt0

**intt1**

# QA plots for Run75535

intt2

**intt3**

# QA plots for Run75535

intt4

**intt5**
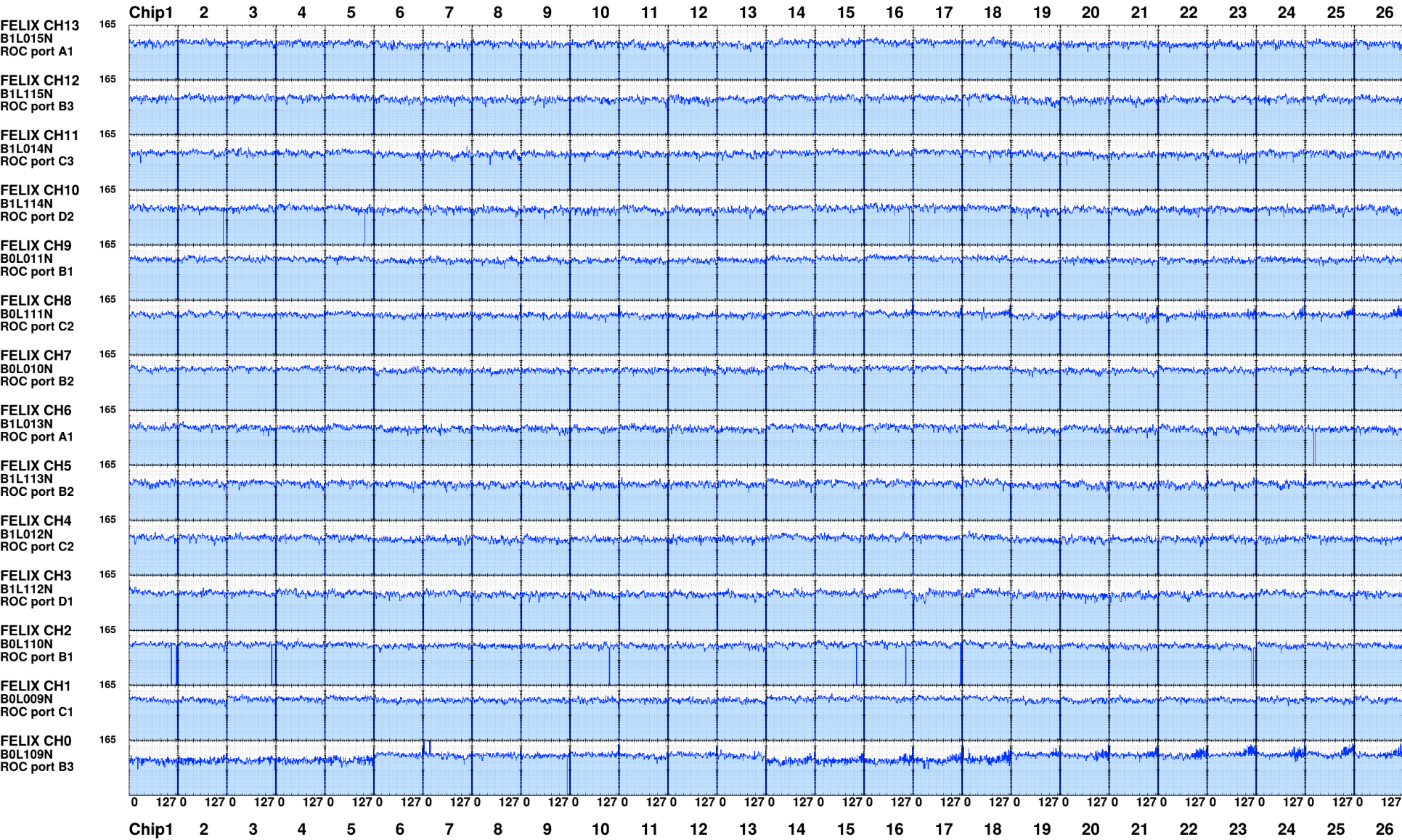
# QA plots for Run75535

**intt6**
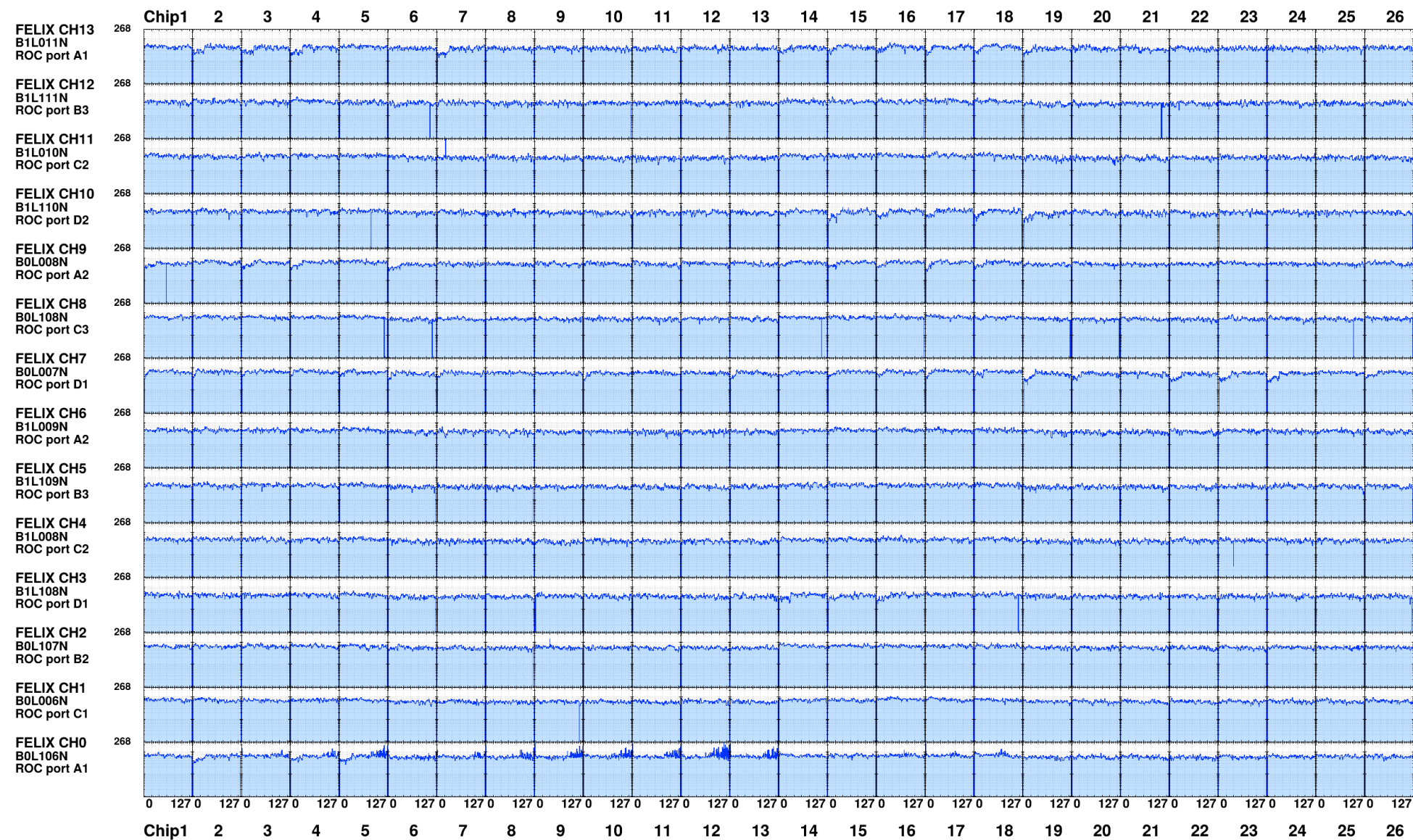
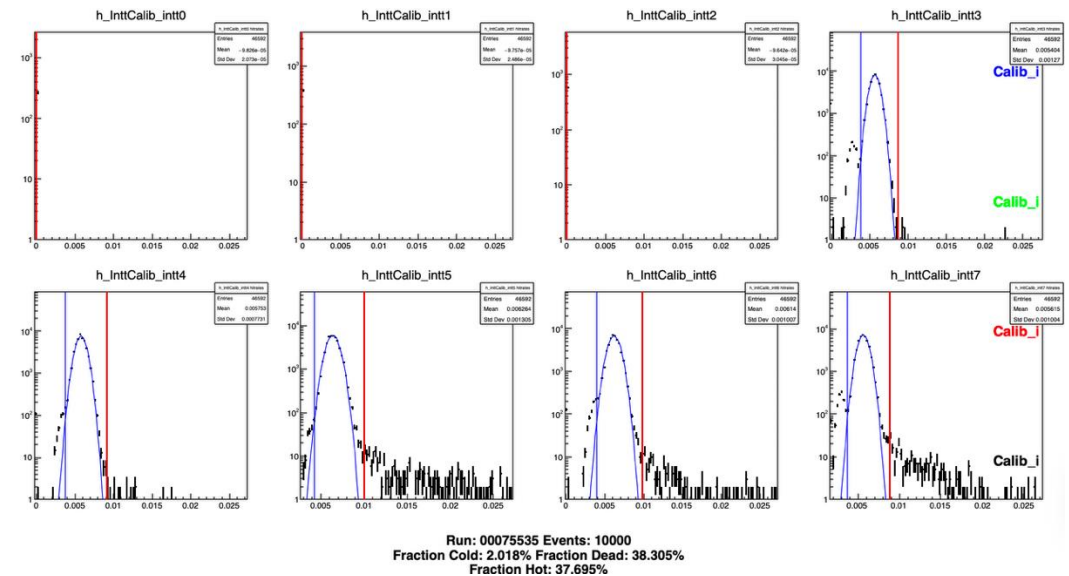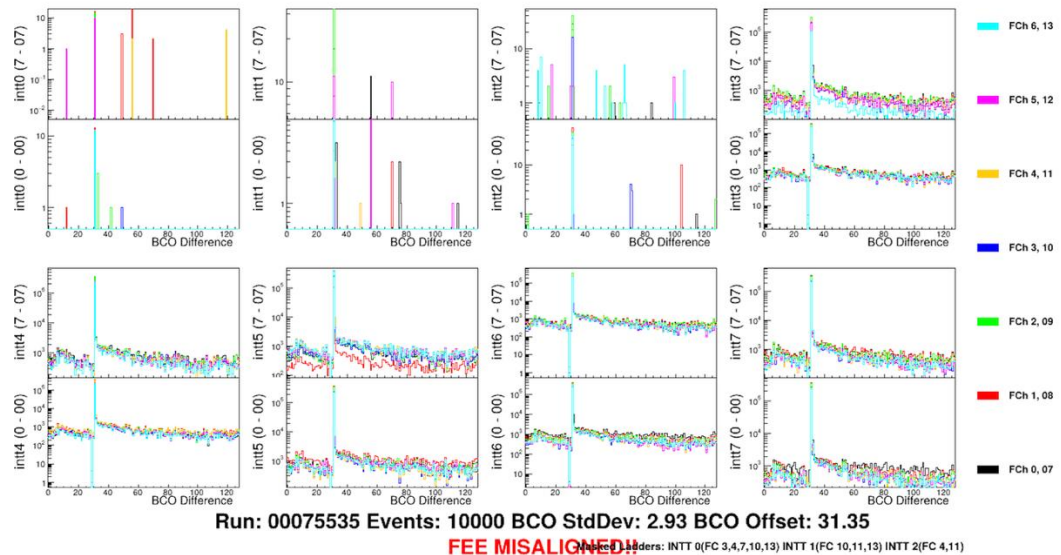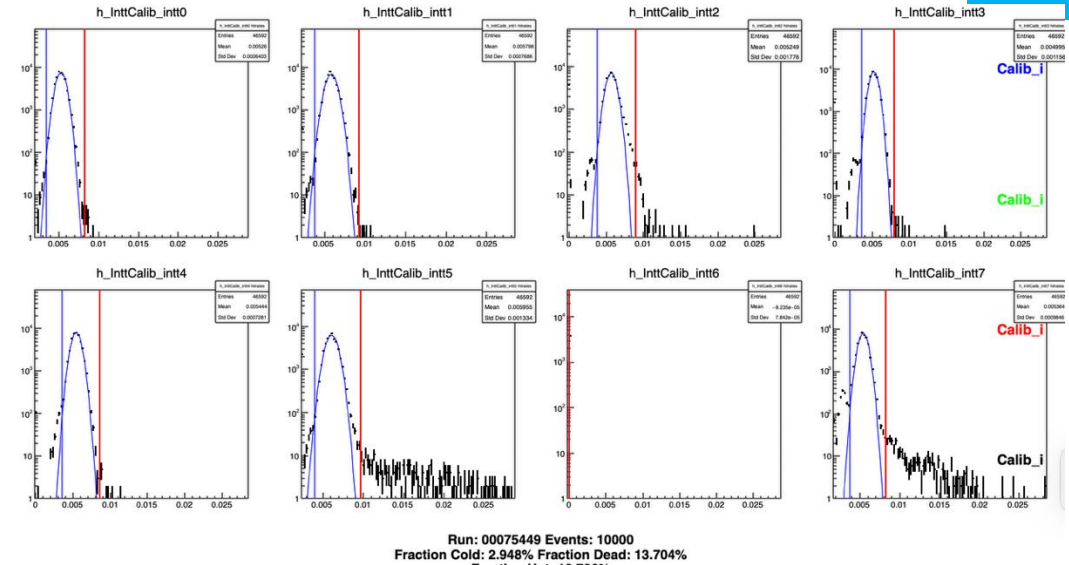# QA plots for Run75535

**intt7**

# η vs φ with INTT local decoder

- Similar to the offline cluster QA.
  - Checked 10k events
- The number of raw hits is low in INTT6 for Run75449 and in INTT0, 1, 2 for Run75535

Run 75449

Run 75535

Run: 00075449 Events: 10000 BCO StdDev: 0.00 BCO Offset: 97.00
GOOD
Masked Ladders: INTT 2(FC 4) INTT 6(FC 6,11,12)

Run: 00075449 Events: 10000
Fraction Cold: 2.948% Fraction Dead: 13.704%

Run: 00075535 Events: 10000 BCO StdDev: 2.93 BCO Offset: 31.35
FEE MISALIGNED!!
Masked Ladders: INTT 0(FC 3,4,7,10,13) INTT 1(FC 10,11,13) INTT 2(FC 4,11)

Run: 00075535 Events: 10000
Fraction Cold: 2.018% Fraction Dead: 38.305%
Fraction Hot: 37.695%
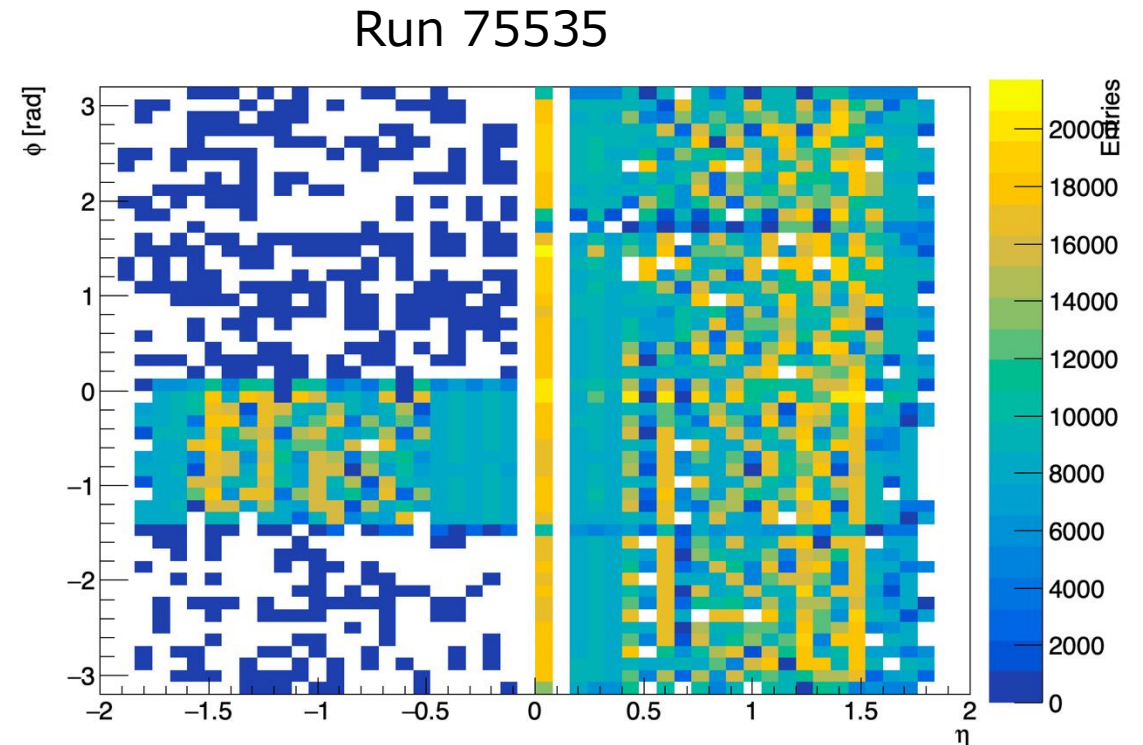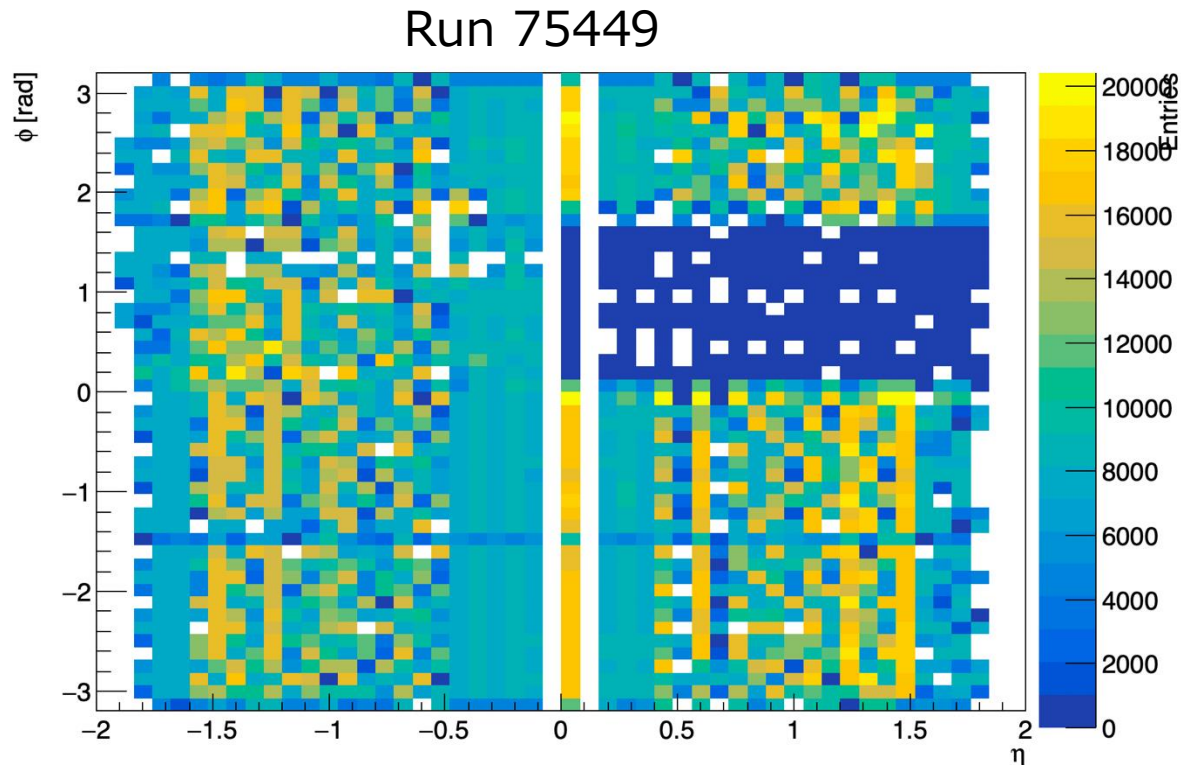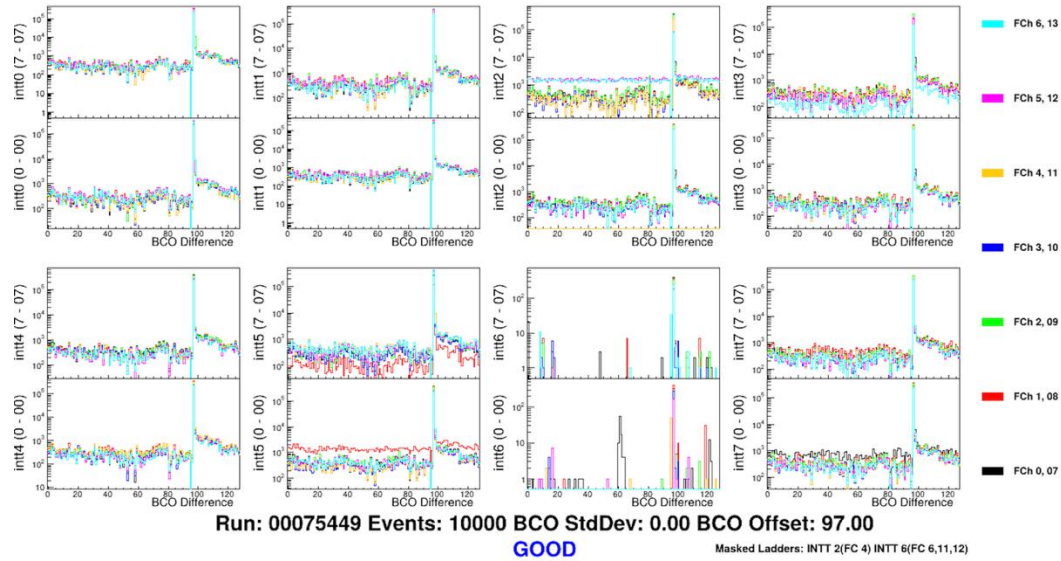
# Summary

- Large acceptance losses were reported in two recent runs with by the offline shifter.

- No issue visible in the online monitoring.

- The same issue is observed even when using the local decoder.