KLM Bubbler updates

Prevent overcounting of bubbles

Prevent overcounting of bubbles

KLM Bubbler updates

Sayan

- Take a rising edge
- •If another rising edge found withing 200 ms (nominal bubble signal length), drop it

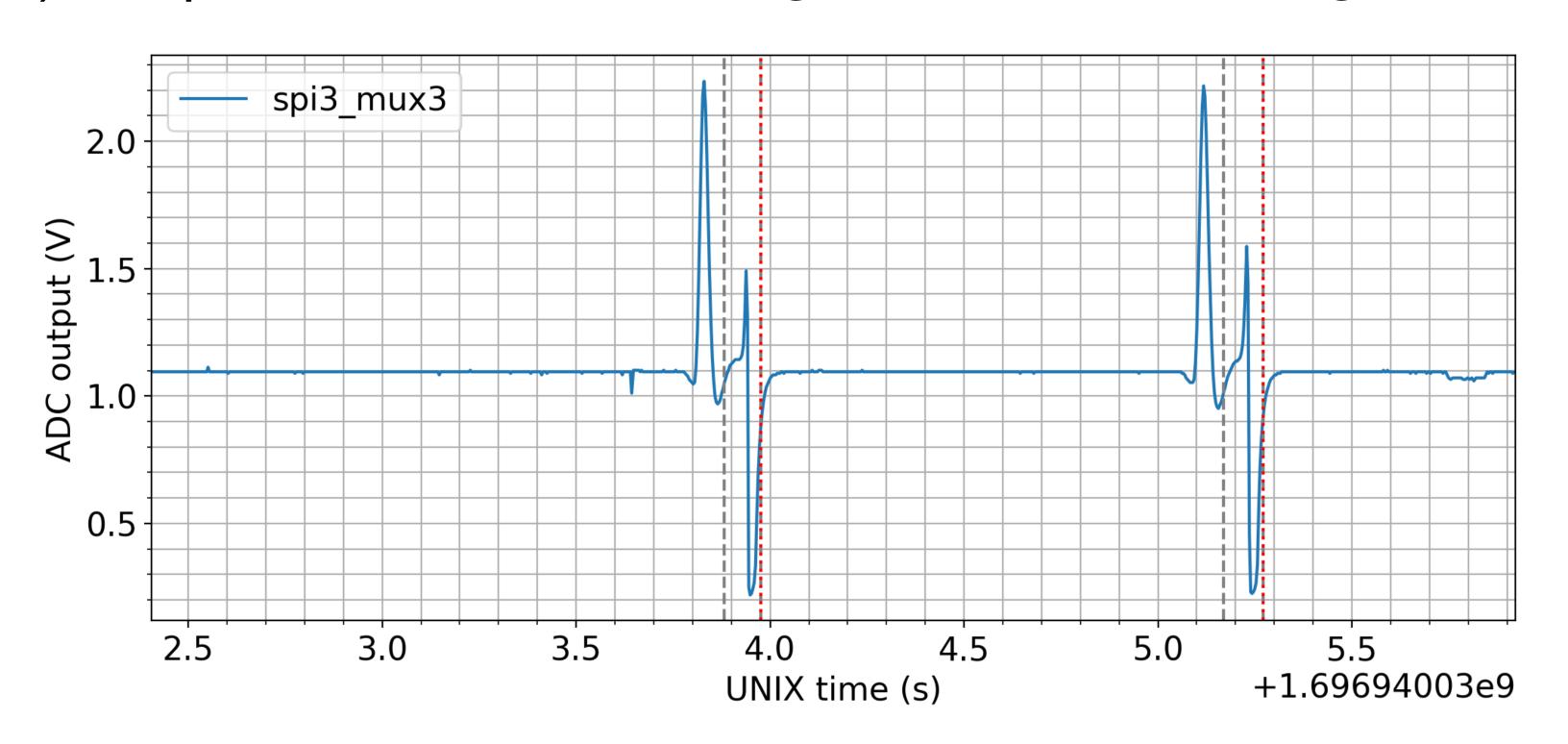
Prevent overcounting of bubbles

KLM Bubbler updates

Sayan

- Take a rising edge
- •If another rising edge found withing 200 ms (nominal bubble signal length), drop it

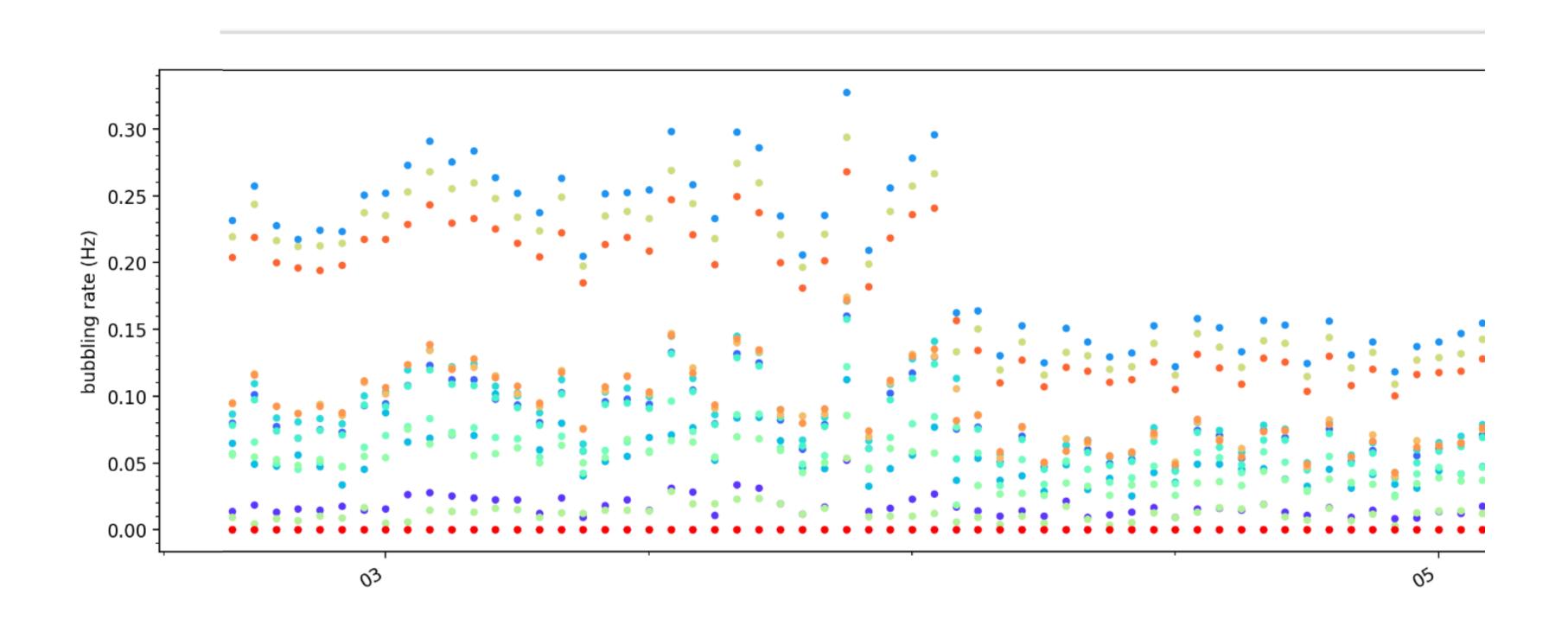
Red: signals after droping fakes Gray: signals before droping fakes



Prevent overcounting of bubbles

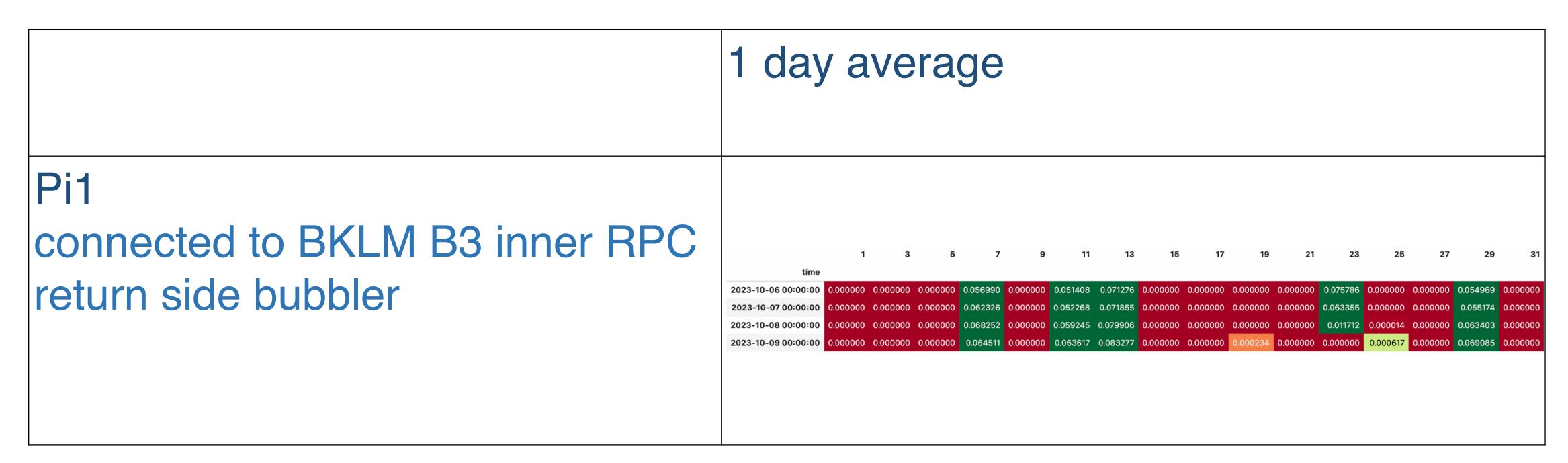
KLM Bubbler updates

Sayan



KLM Bubbler updates

Sayan

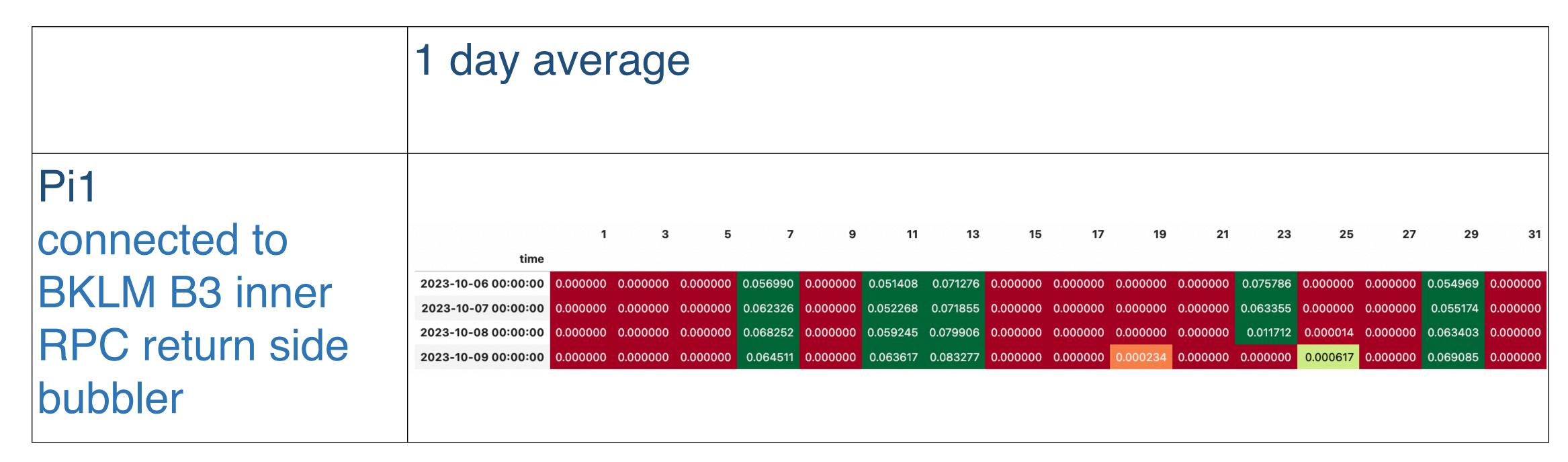


Red: no signals

green: signals

KLM Bubbler updates

Sayan



Red: no signals

green: signals

KLM Bubbler updates

Sayan

Readout	RPC	BB0	BB1	BB2	BB3
3	15				
5	14				
7	13				
9	12				
11	11				
13	10				
15	9				
17	8				
19	7				
21	6				
23	5				
25	4				
27	3				

Observe different inactive channels

Also observed by Michele, Seema, et al. last summer

KLM Bubbler updates

Sayan

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1696843884.5076, 1.119, 0.039, 0.057, 1.113, 0.075, 1.119, 1.125, 0.039, 0.075, 1.113, 0.015, -0.003, 1.119, 0.039, 1.137, 1.143, 1.696843884.5096, 1.119, 0.039, 0.063, 1.113, 0.075, 1.125, 1.125, 0.039, 0.075, 1.113, 0.015, -0.003, 1.113, 0.039, 1.131, 1.137, 1.696843884.5116, 1.119, 0.039, 0.063, 1.107, 0.075, 1.119, 1.125, 0.039, 0.075, 1.113, 0.015, -0.003, 1.119, 0.039, 1.137, 1.143, 1.696843884.5136, 1.125, 0.033, 0.057, 1.113, 0.075, 1.119, 1.125, 0.039, 0.075, 1.113, 0.015, -0.003, 1.119, 0.039, 1.131, 1.119, 1.696843884.5157, 1.125, 0.039, 0.057, 1.113, 0.075, 1.119, 1.131, 0.039, 0.075, 1.113, 0.015, -0.003, 1.119, 0.039, 1.137, 1.143, 1.696843884.5176, 1.119, 0.033, 0.057, 1.113, 0.075, 1.125, 1.125, 0.039, 0.075, 1.113, 0.015, -0.003, 1.119, 0.039, 1.137, 1.143, 1.696843884.5196, 1.119, 0.033, 0.057, 1.113, 0.075, 1.119, 1.125, 0.039, 0.075, 1.113, 0.015, -0.003, 1.119, 0.039, 1.137, 1.143, 1.696843884.5216, 1.119, 0.033, 0.057, 1.113, 0.075, 1.125, 1.125, 0.039, 0.075, 1.113, 0.015, -0.003, 1.119, 0.039, 1.137, 1.143, 1.696843884.5216, 1.119, 0.033, 0.057, 1.113, 0.075, 1.125, 1.125, 0.039, 0.075, 1.113, 0.015, -0.003, 1.119, 0.039, 1.137, 1.143, 1.696843884.5236, 1.119, 0.033, 0.057, 1.113, 0.075, 1.119, 1.125, 0.039, 0.075, 1.113, 0.015, -0.003, 1.119, 0.039, 1.137, 1.143, 1.696843884.5236, 1.119, 0.033, 0.057, 1.113, 0.075, 1.119, 1.125, 0.039, 0.075, 1.113, 0.015, -0.003, 1.119, 0.039, 1.137, 1.143, 1.696843884.5236, 1.119, 0.033, 0.057, 1.113, 0.075, 1.119, 1.125, 0.039, 0.075, 1.113, 0.015, -0.003, 1.119, 0.039, 1.137, 1.143, 1.696843884.5236, 1.119, 0.033, 0.057, 1.113, 0.075, 1.119, 1.125, 0.039, 0.075, 1.113, 0.015, -0.003, 1.119, 0.039, 1.137, 1.143, 1.696843884.5236, 1.119, 0.033, 0.057, 1.113, 0.075, 1.119, 1.125, 0.039, 0.075, 1.113, 0.015, -0.003, 1.119, 0.039, 1.137, 1.143, 1.143, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.144, 1.1
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Voltage from ADC

Nominally greater than 1.1 V around 0 V, no signal