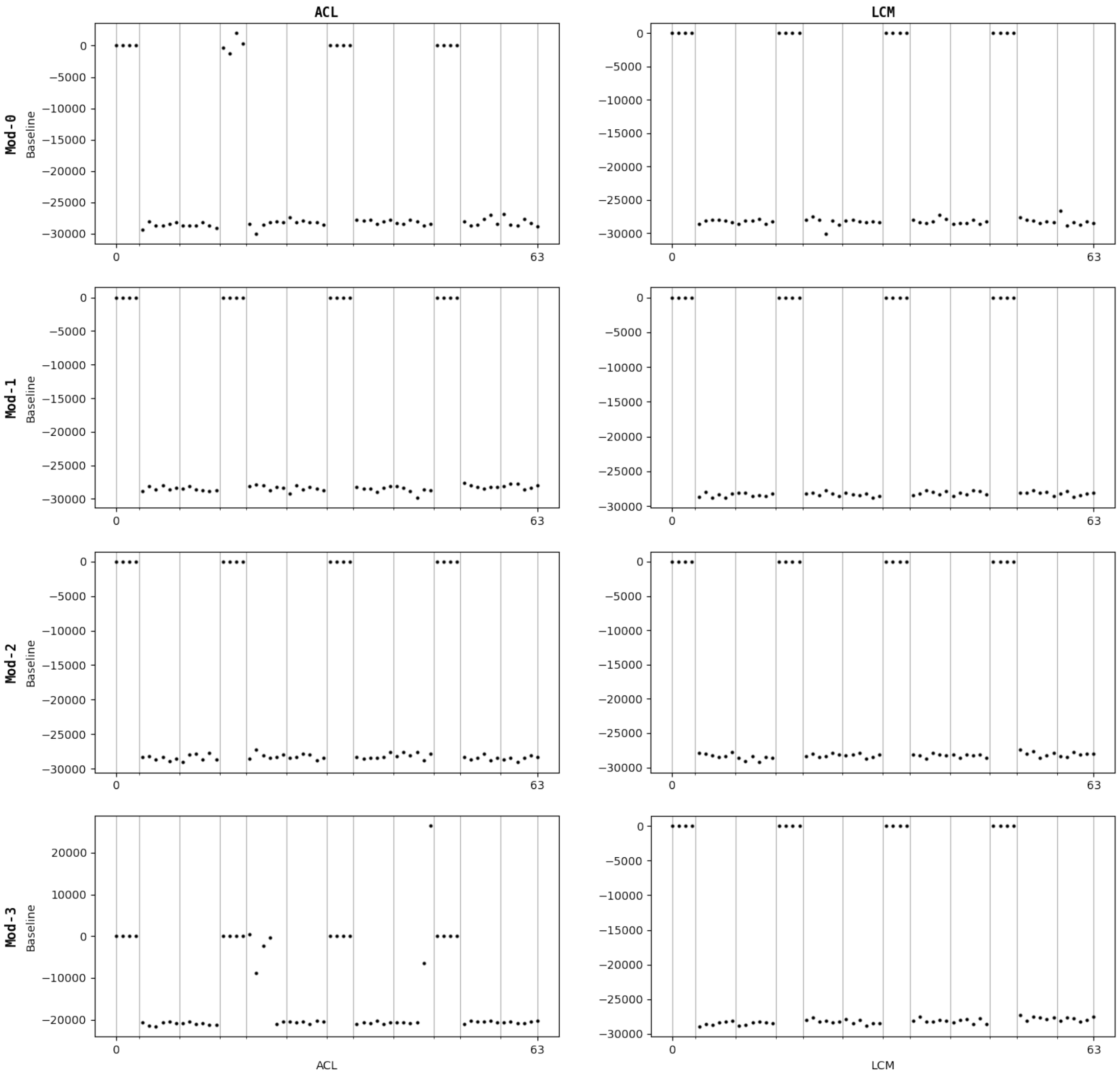
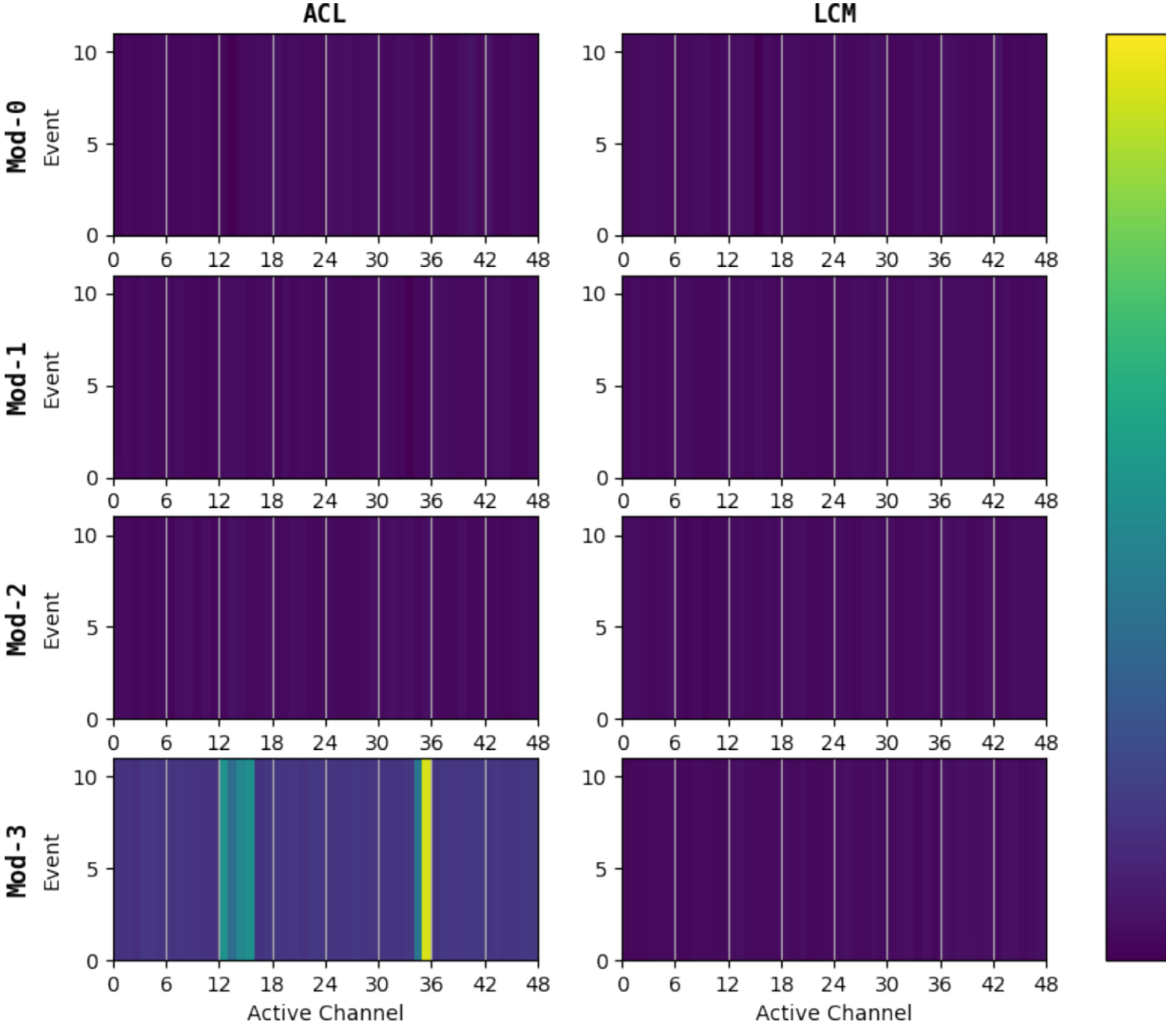
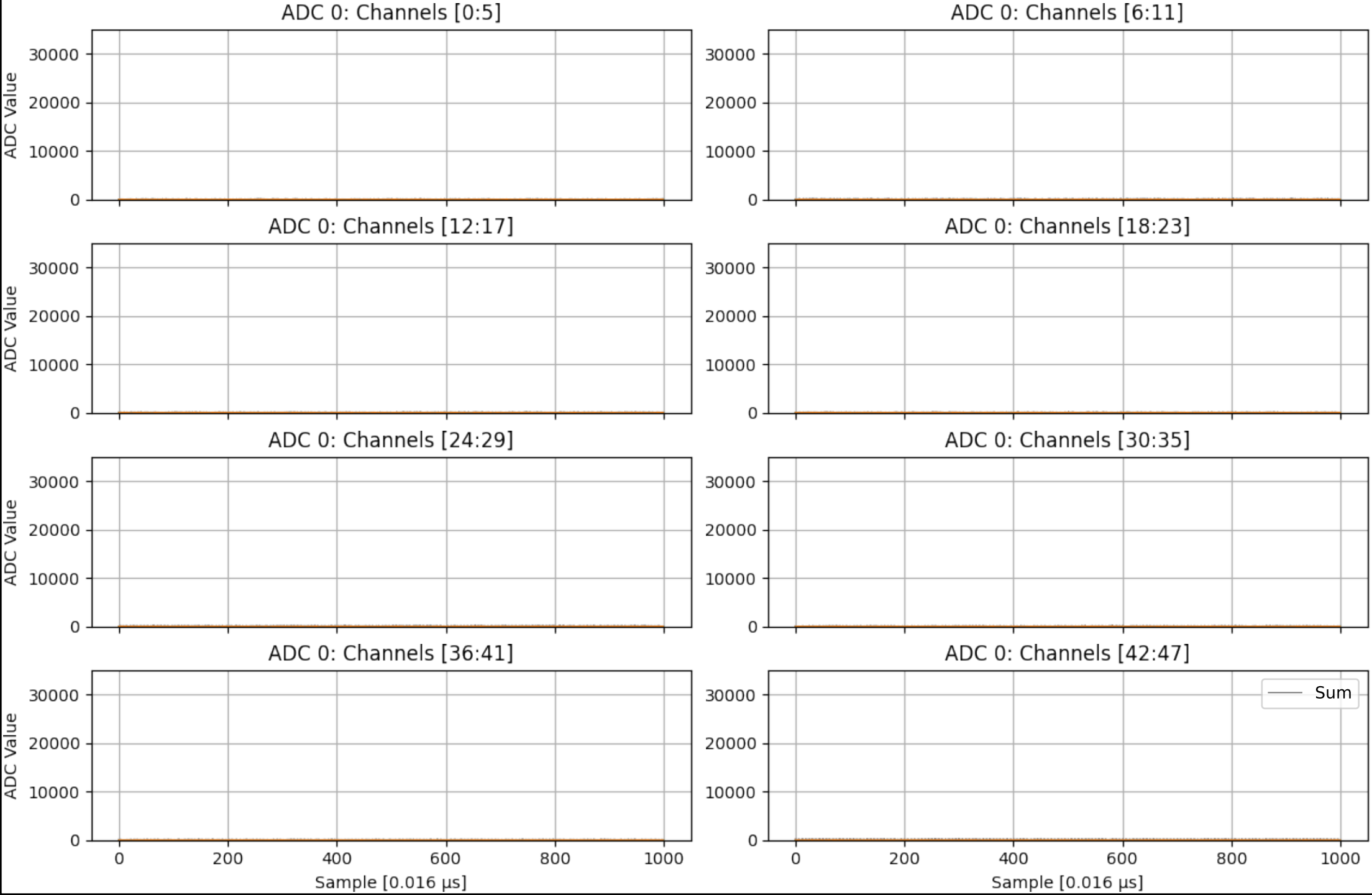
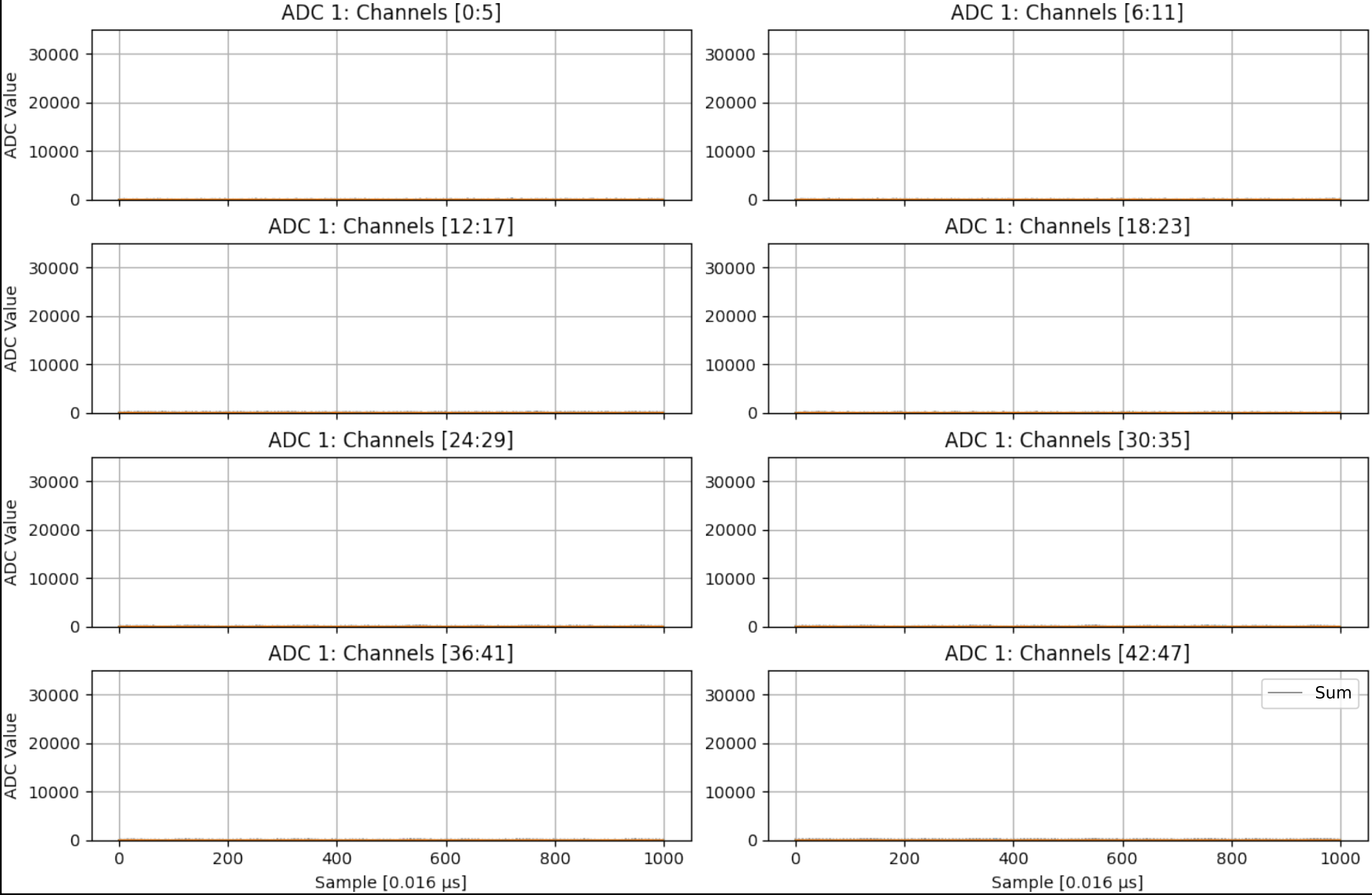
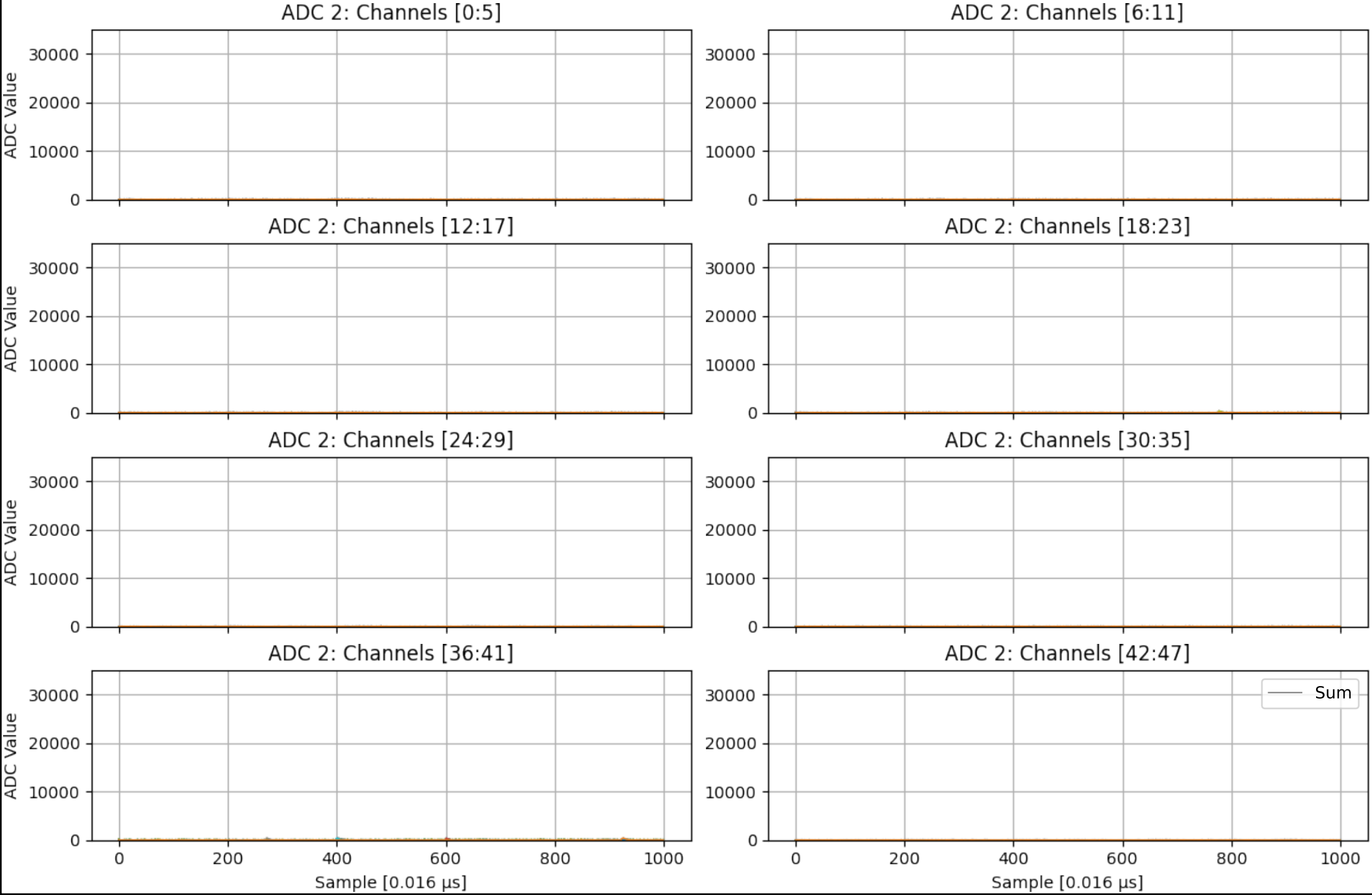
.

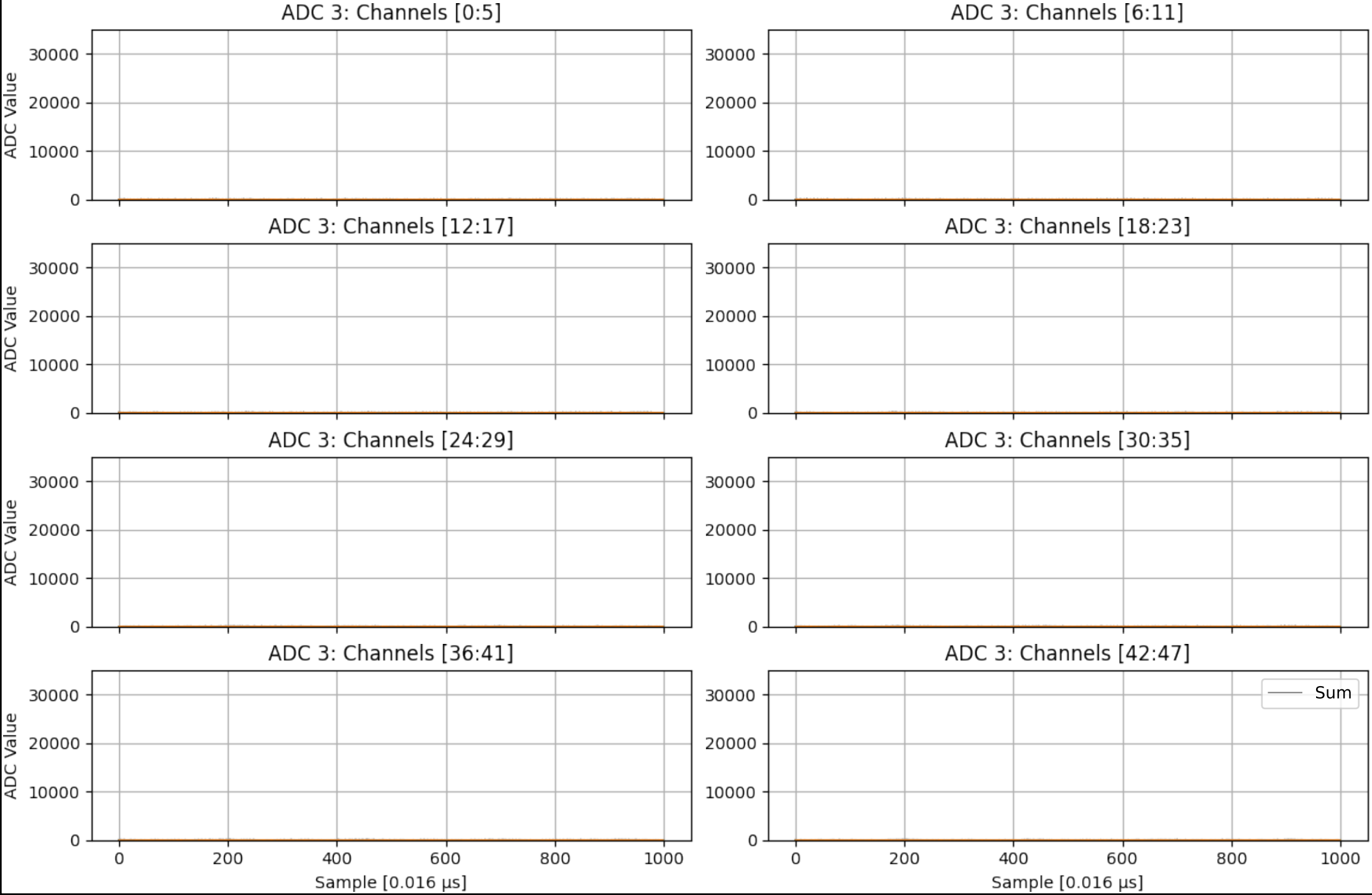

ACL
LCM
Mod-0
Baseline
Mod-1
Baseline
Mod-2
Baseline
Mod-3
Baseline
0
−5000
−10000
−15000
−20000
−25000
−30000
10000
20000
0
63
ACL
LCM

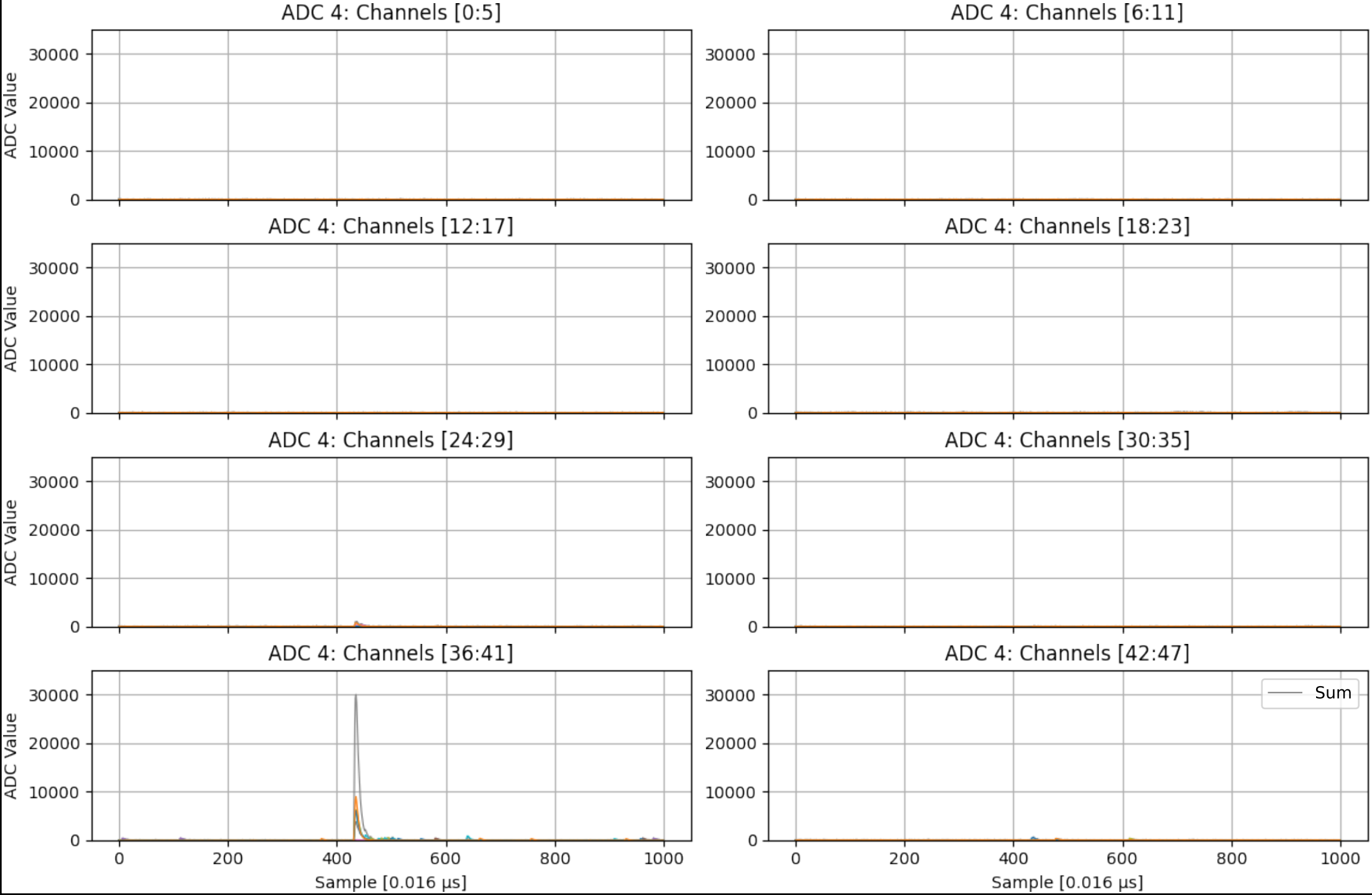

ACL
LCM
Mod-0
Mod-1
Mod-2
Mod-3
Event
Active Channel
0
5
10
0
6
12
18
24
30
36
42
48

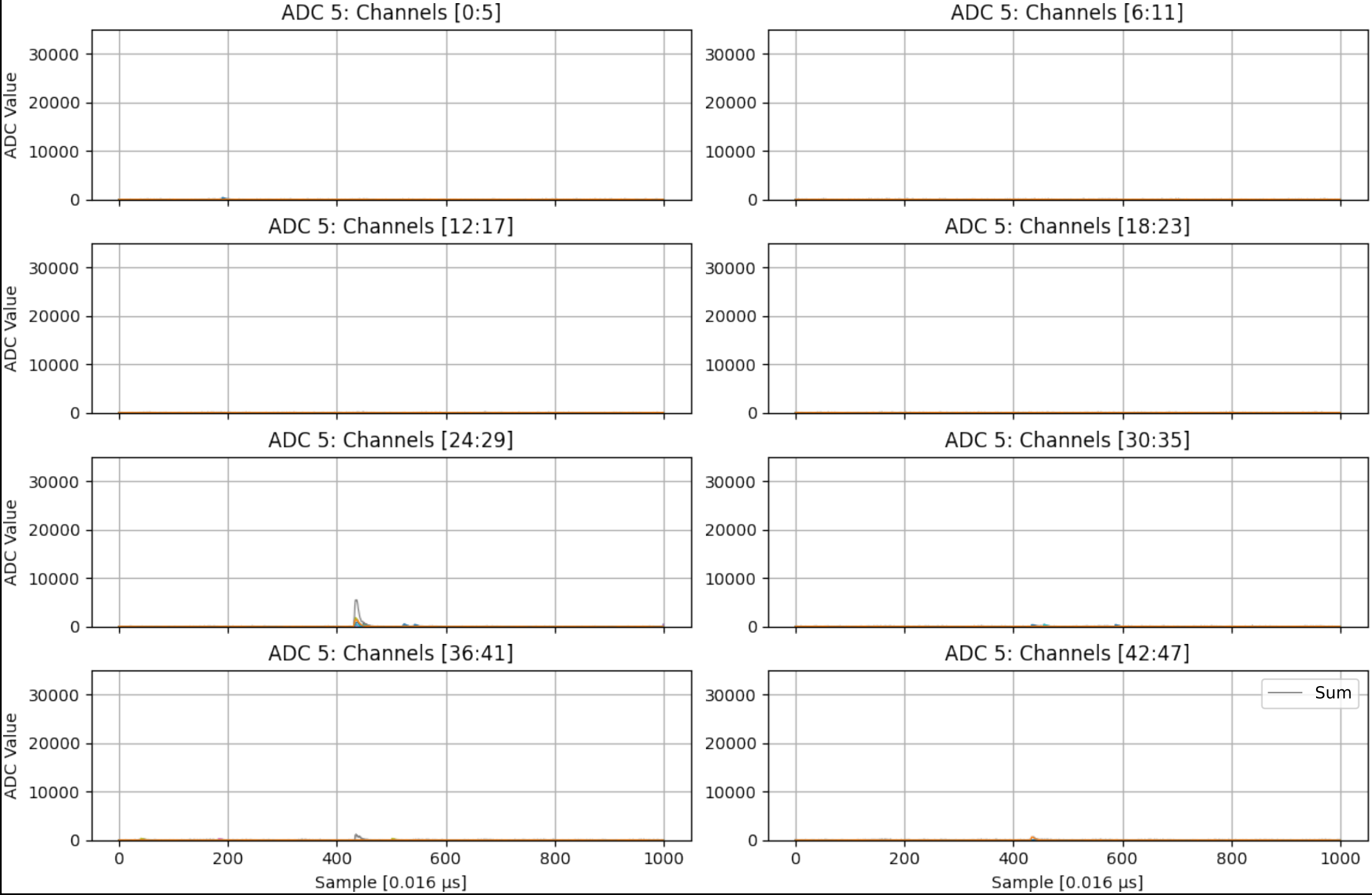

ADC 0: Channels [0:5]
ADC 0: Channels [6:11]
ADC 0: Channels [12:17]
ADC 0: Channels [18:23]
ADC 0: Channels [24:29]
ADC 0: Channels [30:35]
ADC 0: Channels [36:41]
ADC 0: Channels [42:47]
ADC Value
0
10000
20000
30000
0
200
400
600
800
1000
Sample [0.016 µs]
Sum

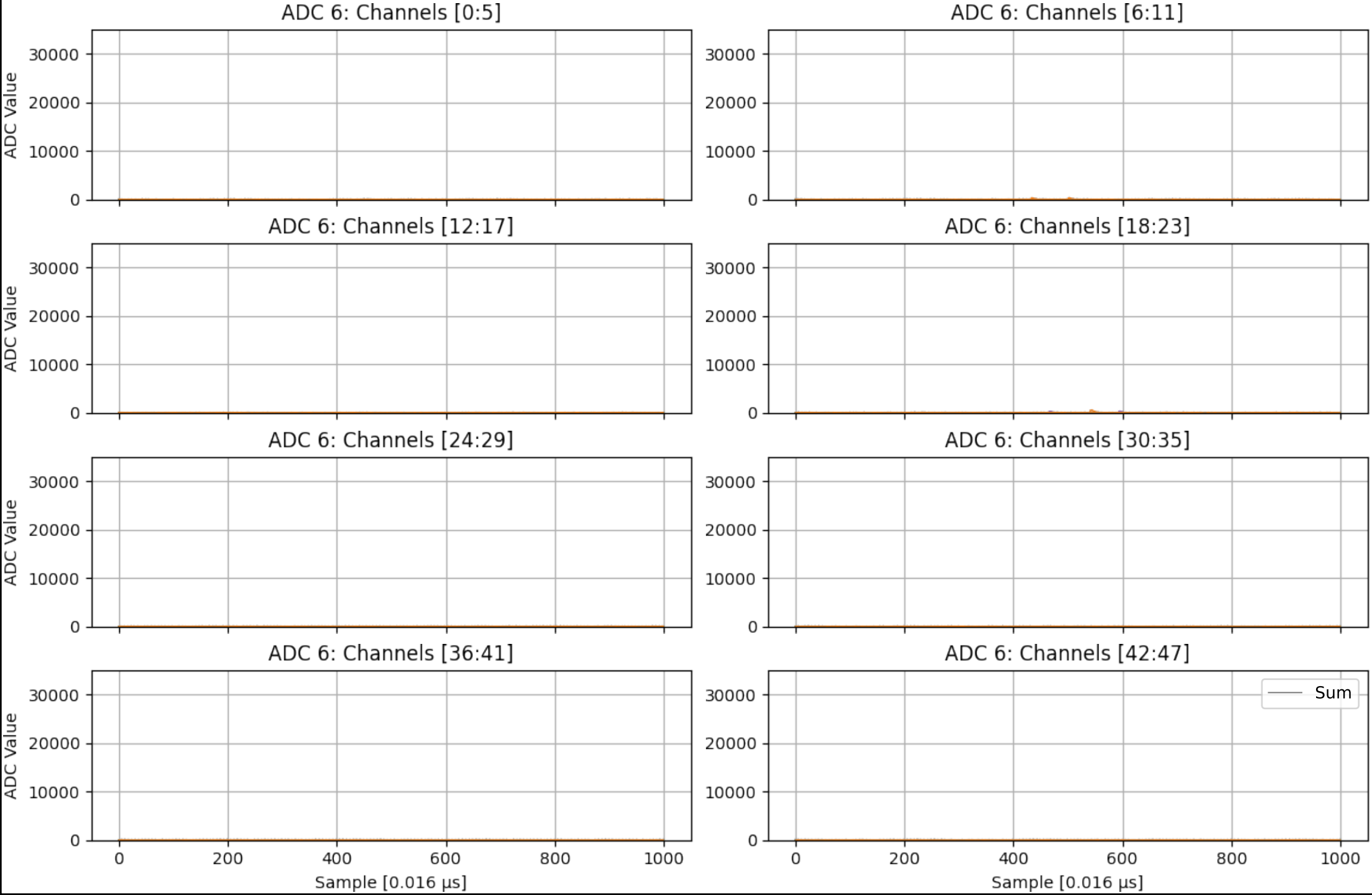

ADC 1: Channels [0:5]
ADC 1: Channels [6:11]
ADC 1: Channels [12:17]
ADC 1: Channels [18:23]
ADC 1: Channels [24:29]
ADC 1: Channels [30:35]
ADC 1: Channels [36:41]
ADC 1: Channels [42:47]
ADC Value
0
10000
20000
30000
0
200
400
600
800
1000
Sample [0.016 µs]
Sum

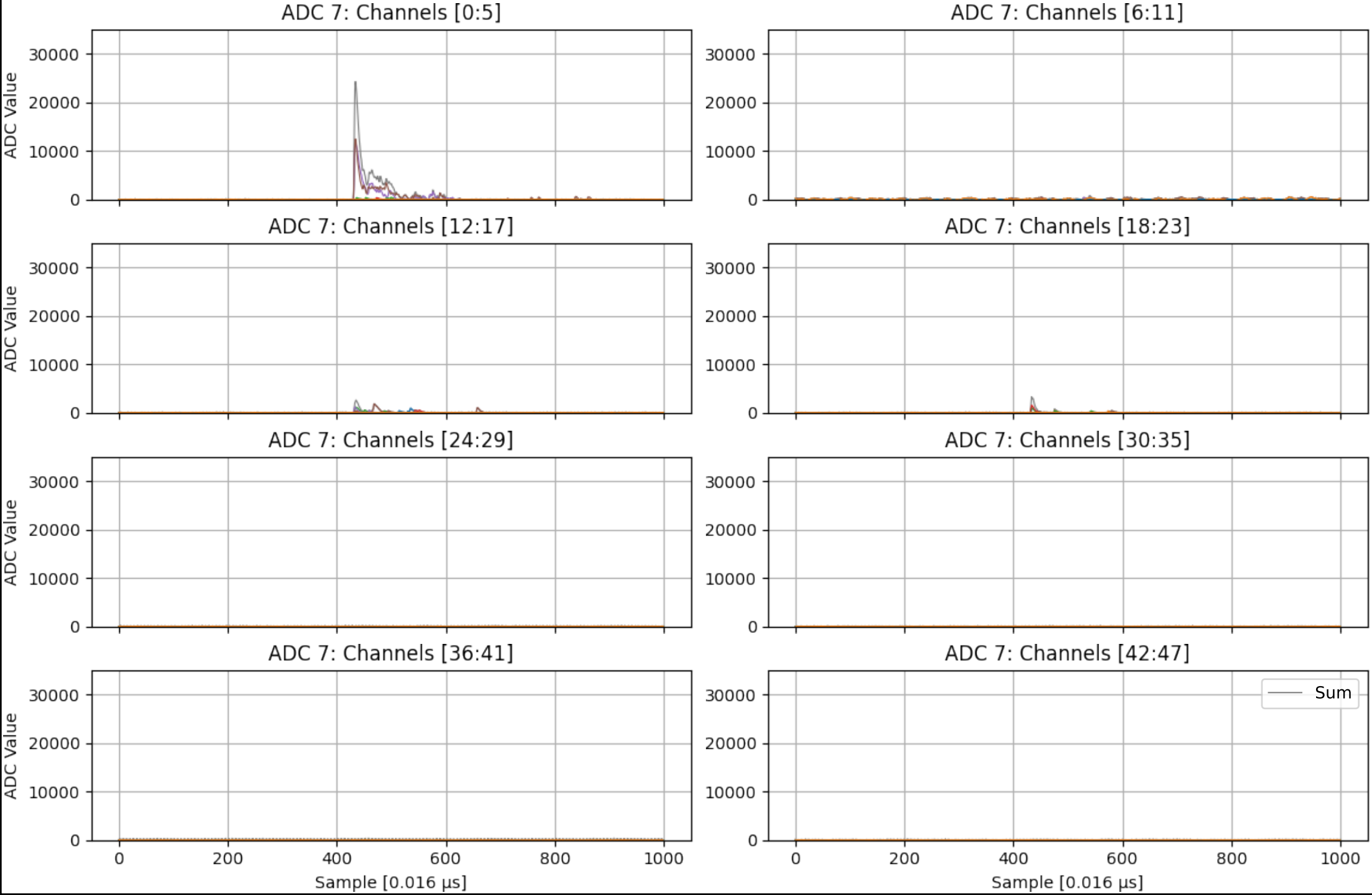

ADC 2: Channels [0:5]
ADC 2: Channels [6:11]
ADC 2: Channels [12:17]
ADC 2: Channels [18:23]
ADC 2: Channels [24:29]
ADC 2: Channels [30:35]
ADC 2: Channels [36:41]
ADC 2: Channels [42:47]
ADC Value
0
10000
20000
30000
0
200
400
600
800
1000
Sample [0.016 µs]
Sum


ADC 3: Channels [0:5]
ADC 3: Channels [6:11]
ADC 3: Channels [12:17]
ADC 3: Channels [18:23]
ADC 3: Channels [24:29]
ADC 3: Channels [30:35]
ADC 3: Channels [36:41]
ADC 3: Channels [42:47]
ADC Value
0
10000
20000
30000
0
200
400
600
800
1000
Sample [0.016 µs]
Sum


ADC 4: Channels [0:5]
ADC 4: Channels [6:11]
ADC 4: Channels [12:17]
ADC 4: Channels [18:23]
ADC 4: Channels [24:29]
ADC 4: Channels [30:35]
ADC 4: Channels [36:41]
ADC 4: Channels [42:47]
ADC Value
0
10000
20000
30000
0
200
400
600
800
1000
Sample [0.016 µs]
Sum


ADC 5: Channels [0:5]
ADC 5: Channels [6:11]
ADC 5: Channels [12:17]
ADC 5: Channels [18:23]
ADC 5: Channels [24:29]
ADC 5: Channels [30:35]
ADC 5: Channels [36:41]
ADC 5: Channels [42:47]
ADC Value
0
10000
20000
30000
0
200
400
600
800
1000
Sample [0.016 µs]
Sum


ADC 6: Channels [0:5]
ADC 6: Channels [6:11]
ADC 6: Channels [12:17]
ADC 6: Channels [18:23]
ADC 6: Channels [24:29]
ADC 6: Channels [30:35]
ADC 6: Channels [36:41]
ADC 6: Channels [42:47]
ADC Value
0
10000
20000
30000
0
200
400
600
800
1000
Sample [0.016 µs]
Sum


ADC 7: Channels [0:5]
ADC 7: Channels [6:11]
ADC 7: Channels [12:17]
ADC 7: Channels [18:23]
ADC 7: Channels [24:29]
ADC 7: Channels [30:35]
ADC 7: Channels [36:41]
ADC 7: Channels [42:47]
ADC Value
0
10000
20000
30000
0
200
400
600
800
1000
Sample [0.016 µs]
Sum

ACL

LCM

Mod-0

Mod-1

Mod-2

Mod-3

Max Amp [ADC]

Event ID

ACL

LCM

Mod-0

Mod-1

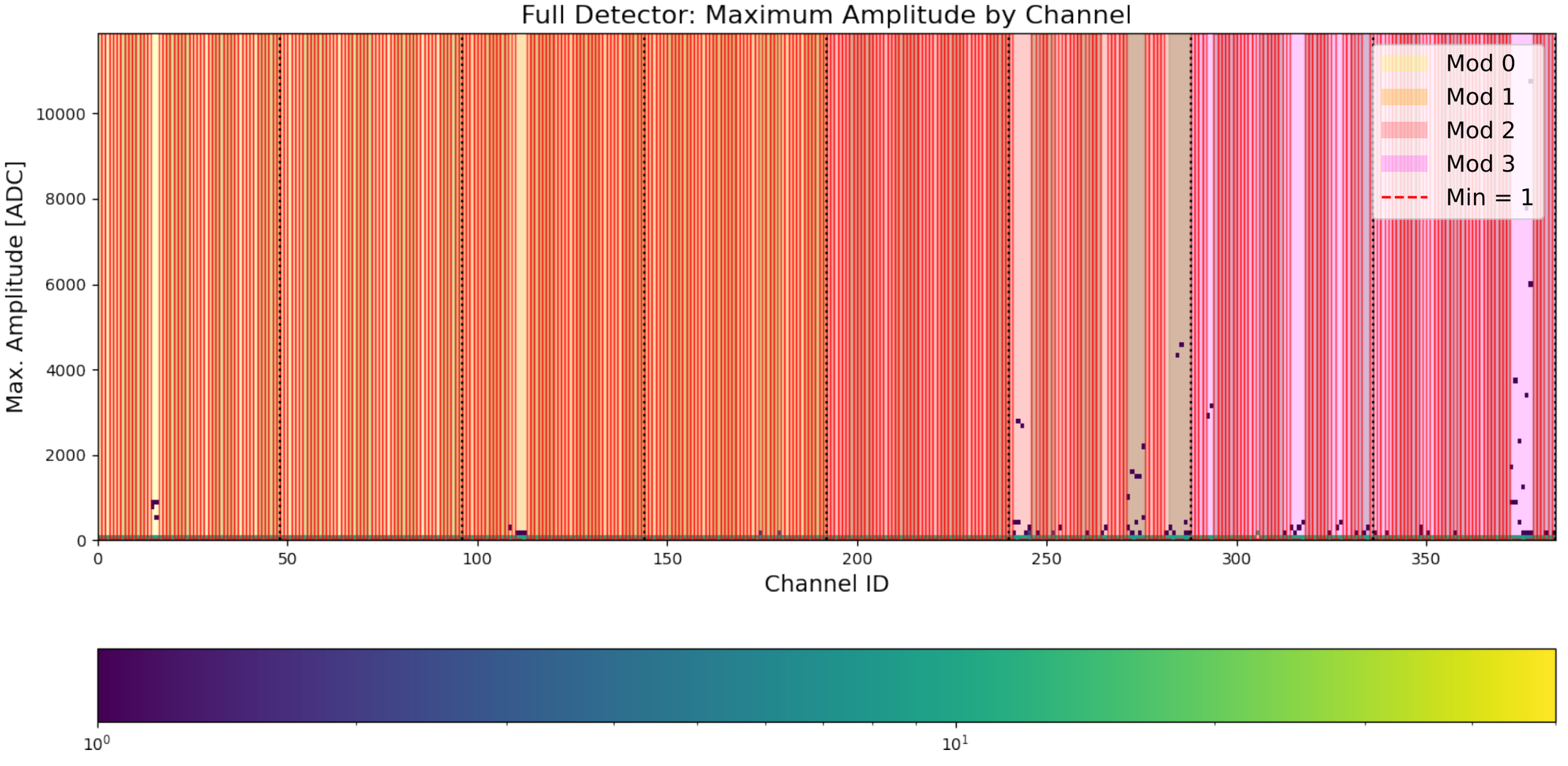
Mod-2

Mod-3

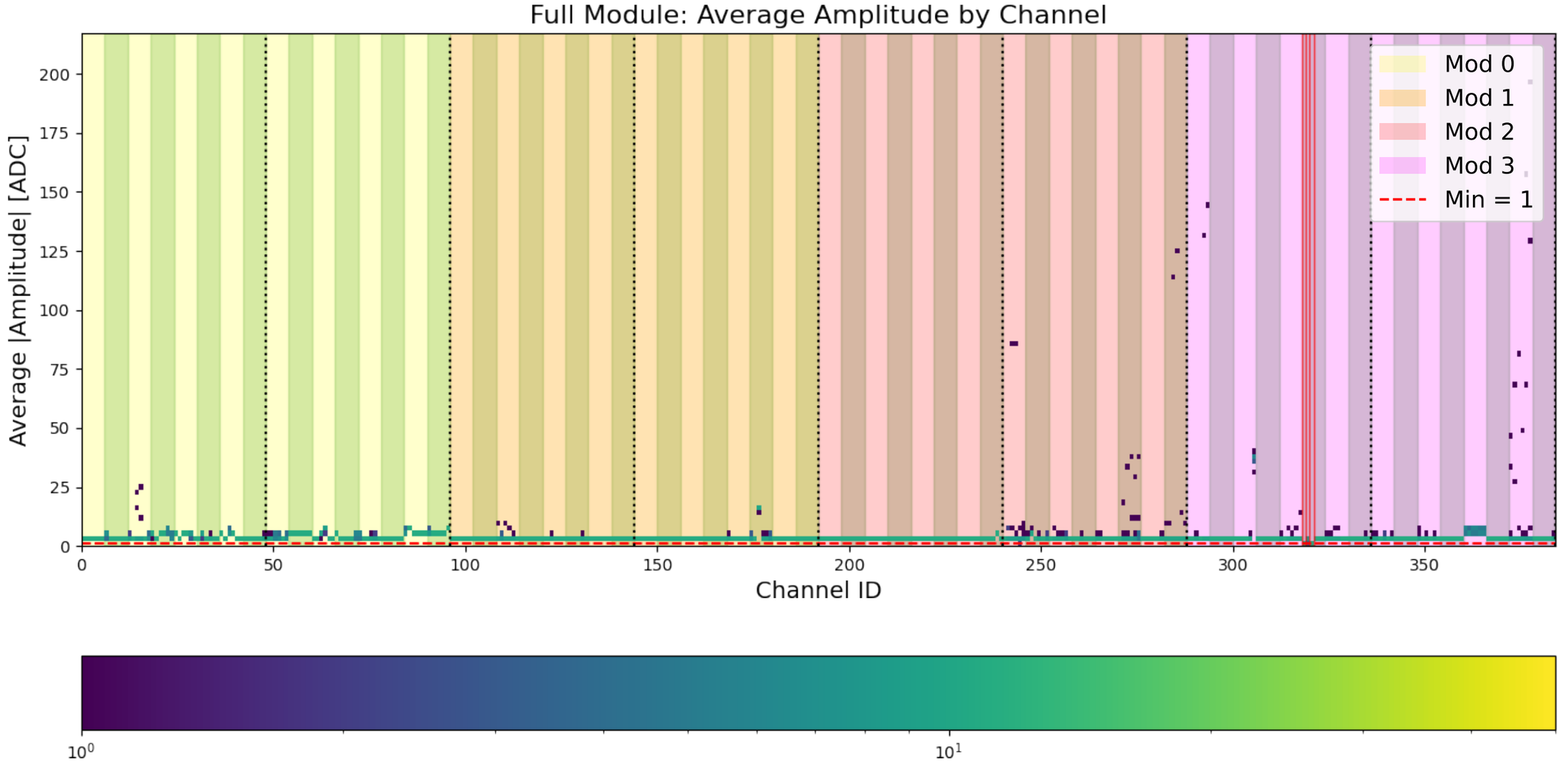
Max Amp [ADC]

Channel

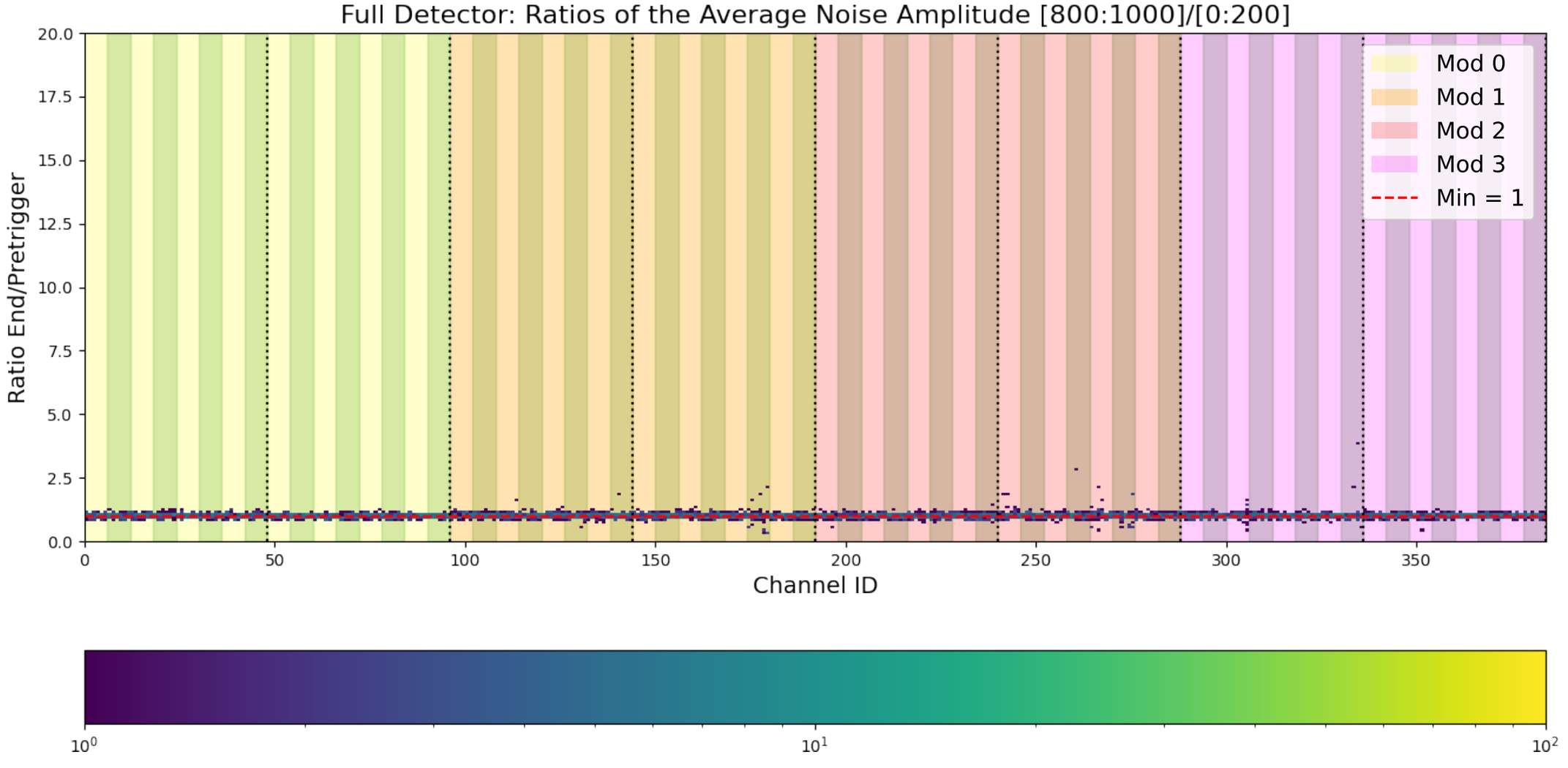
355 356 358 359 360 361 362 363 364 365 366 367 368 369 370 371 378 379
380 382]

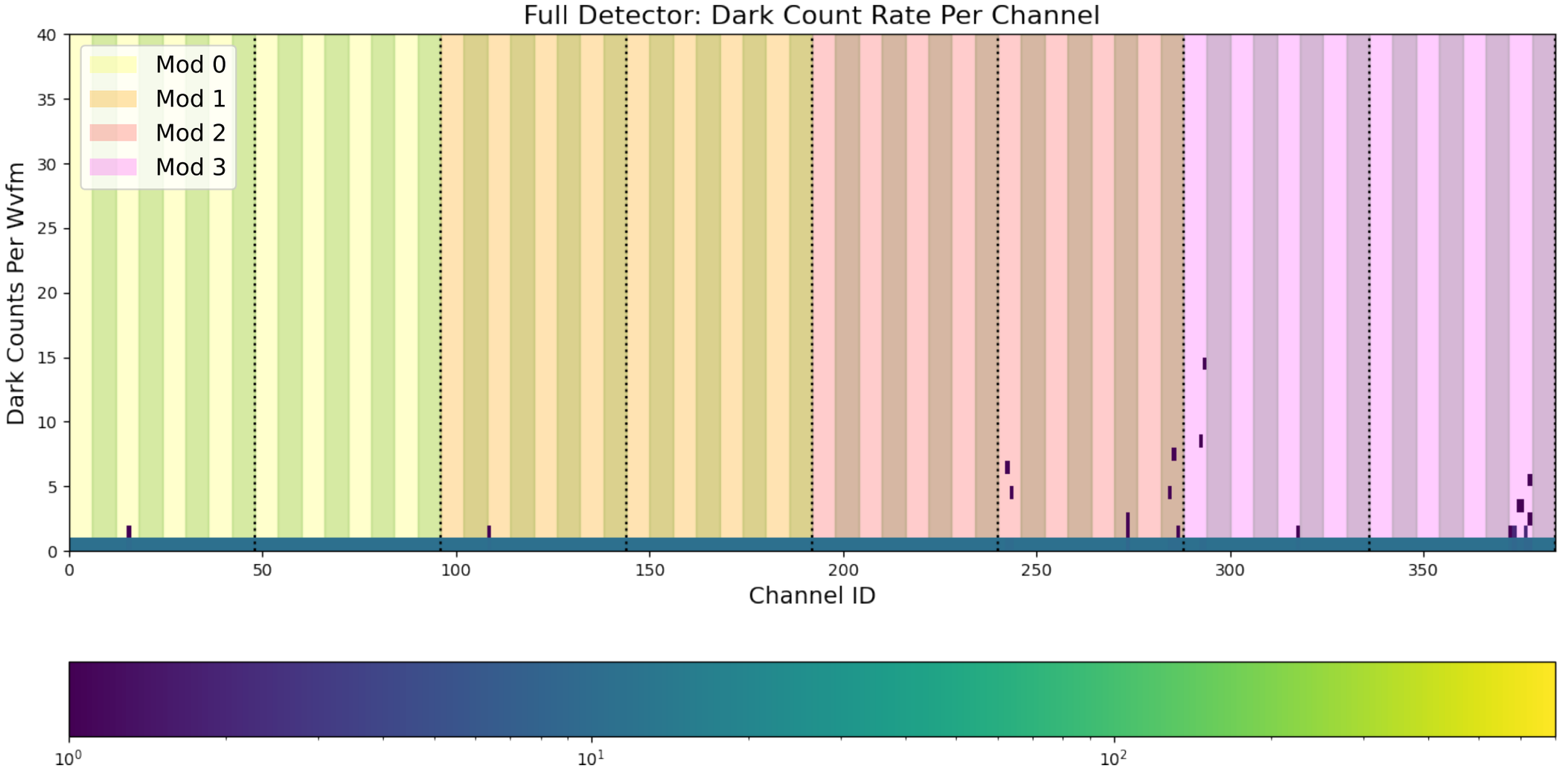


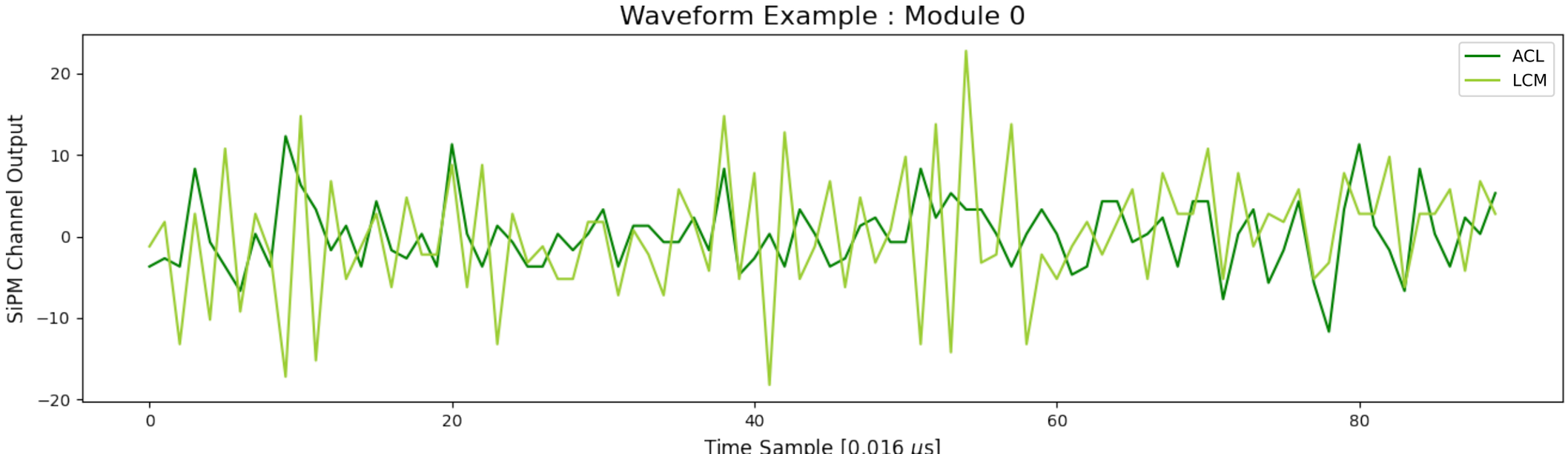
Zero-Indexed Minimal Response Channels:[318 320]



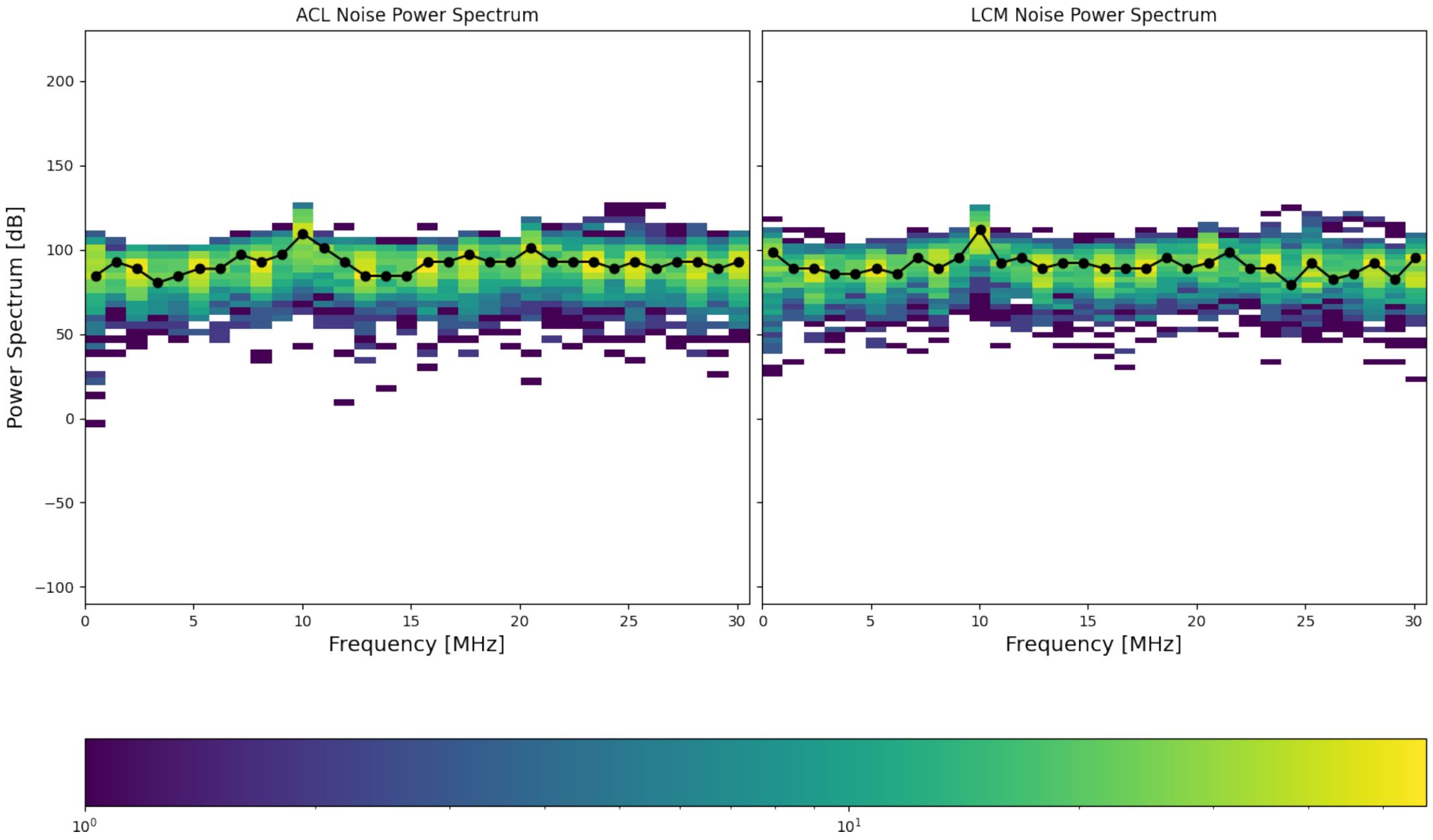
Zero-Indexed Minimal Response Channels:[]

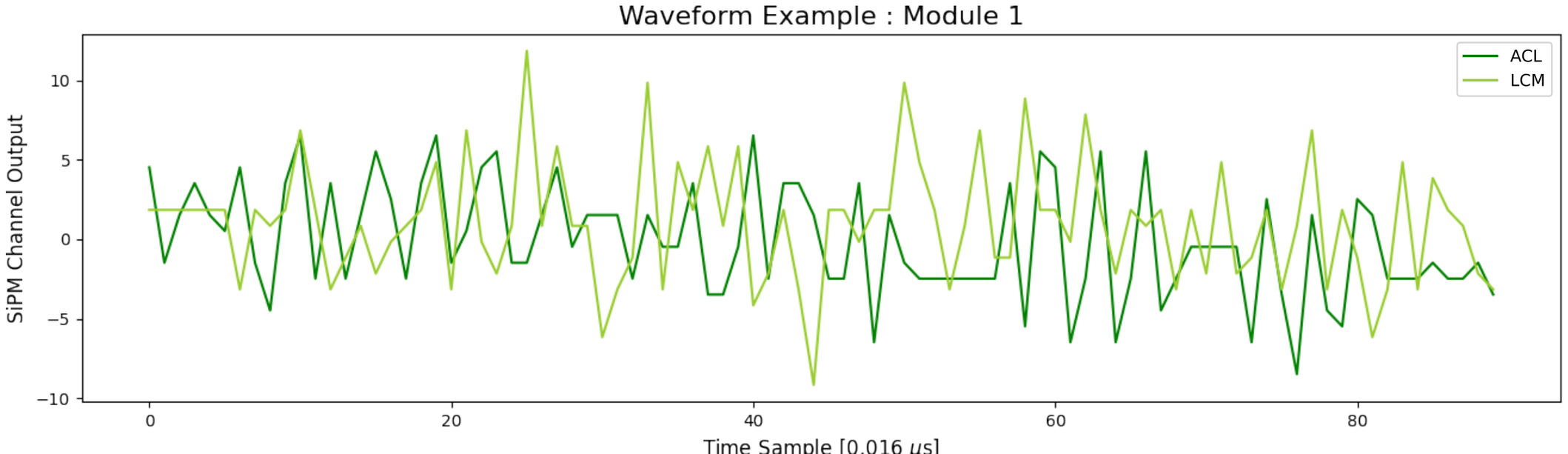



Full Detector: Dark Count Rate Per Channel
Mod 0
Mod 1
Mod 2
Mod 3
Dark Counts Per Wvfm
Channel ID
0
5
10
15
20
25
30
35
40
0
50
100
150
200
250
300
350
10^0
10^1
10^2

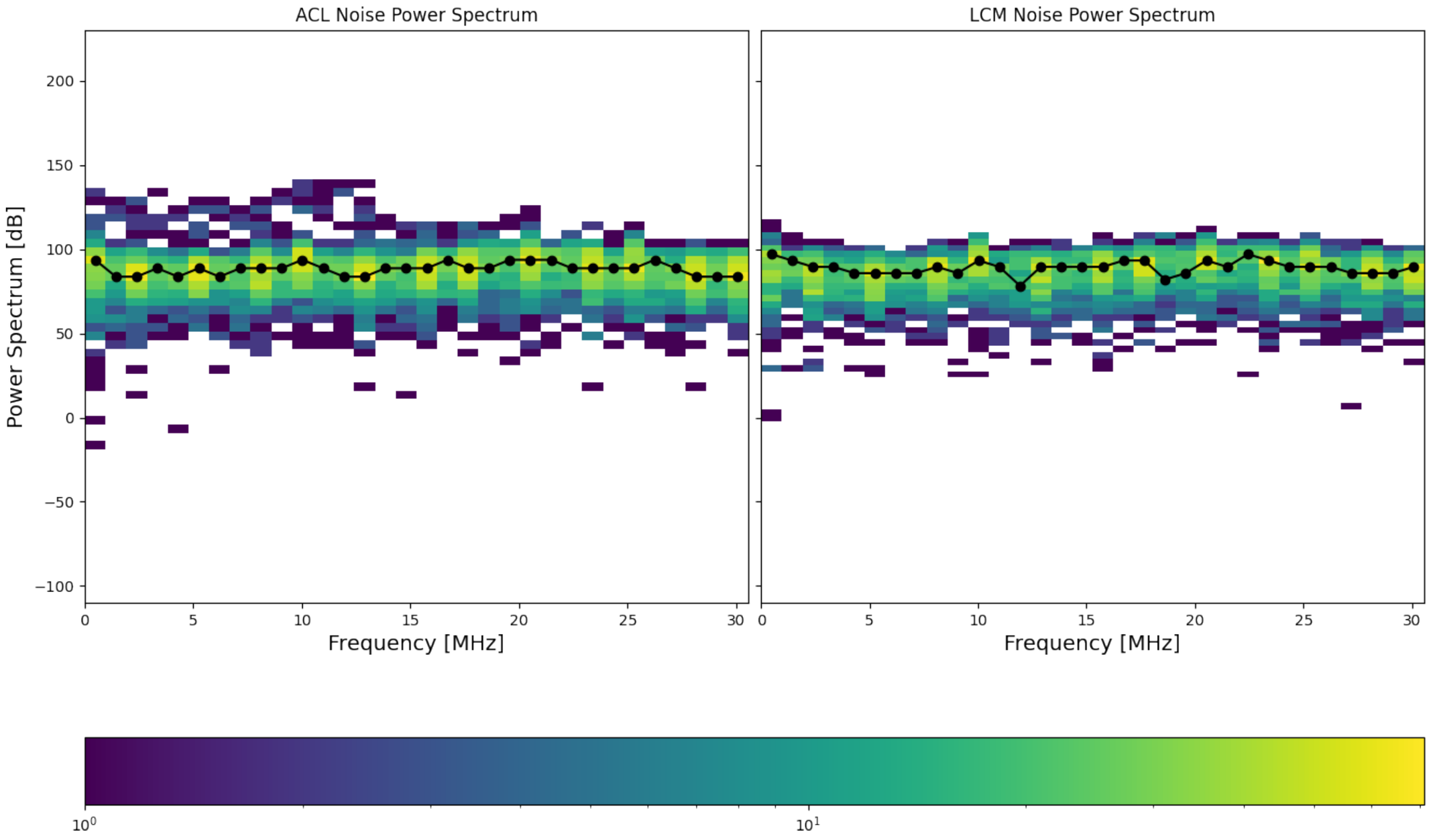

Waveform Example : Module 0
ACL
LCM
SiPM Channel Output
20
10
0
−10
−20
0
20
40
60
80
Time Sample [0.016 μs]

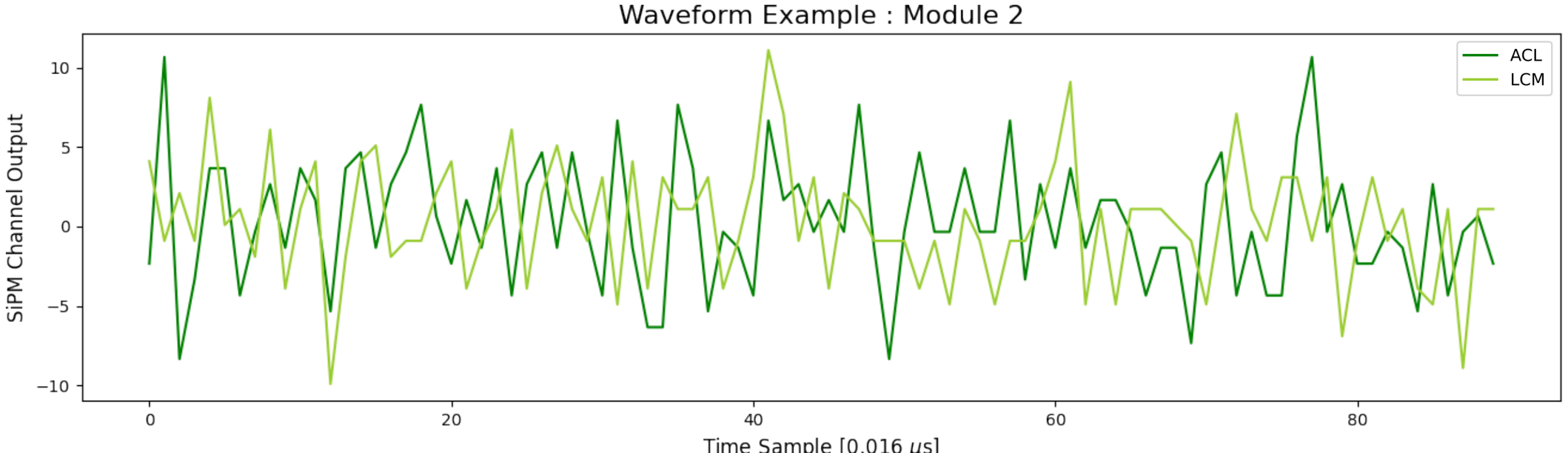
Module 0: Noise FFT, 143 Waveforms



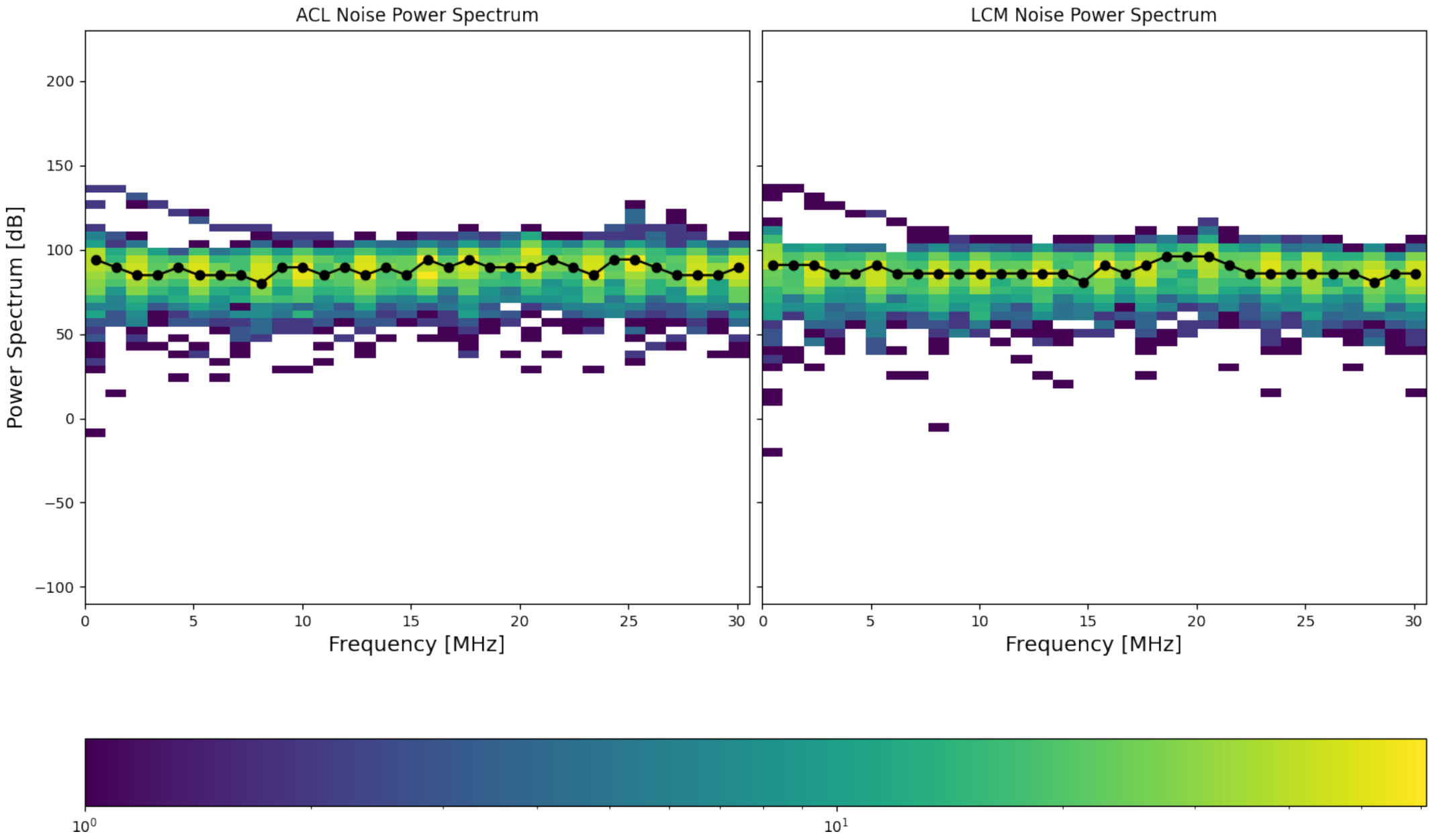

Waveform Example : Module 1
ACL
LCM
SiPM Channel Output
10
5
0
−5
−10
0
20
40
60
80
Time Sample [0.016 μs]

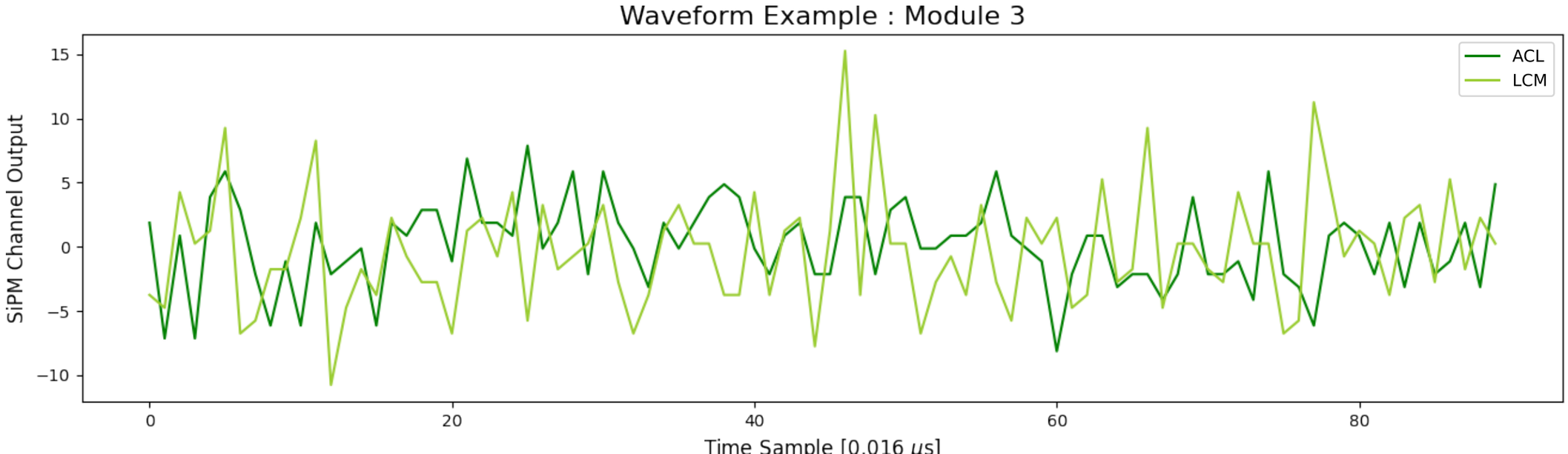
Module 1: Noise FFT, 141 Waveforms




Waveform Example : Module 2
ACL
LCM
SiPM Channel Output
10
5
0
−5
−10
0
20
40
60
80
Time Sample [0.016 μs]

Module 2: Noise FFT, 141 Waveforms




Waveform Example : Module 3
SiPM Channel Output
Time Sample [0.016 μs]
ACL
LCM
15
10
5
0
−5
−10
0
20
40
60
80

Module 3: Noise FFT, 137 Waveforms