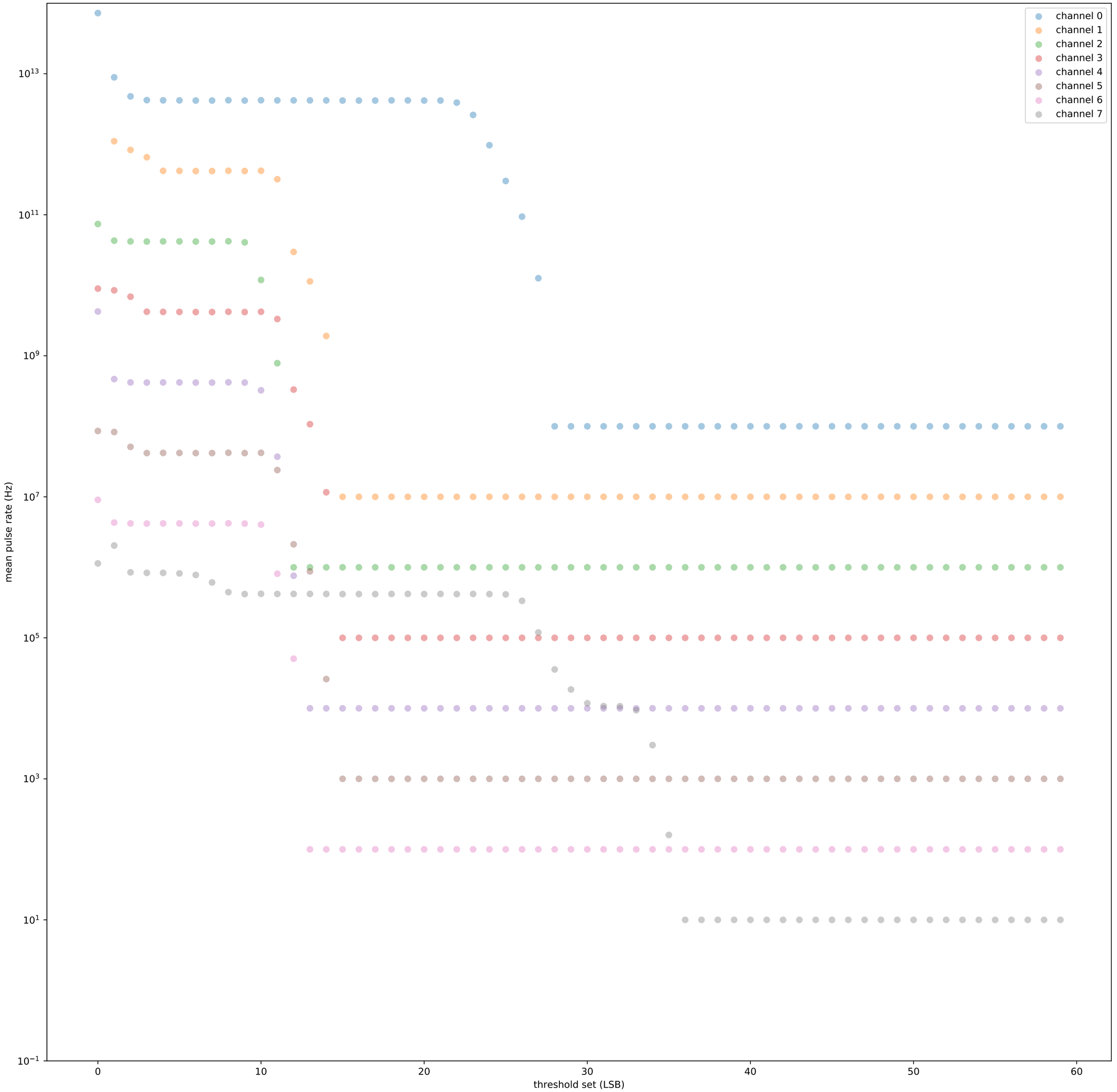
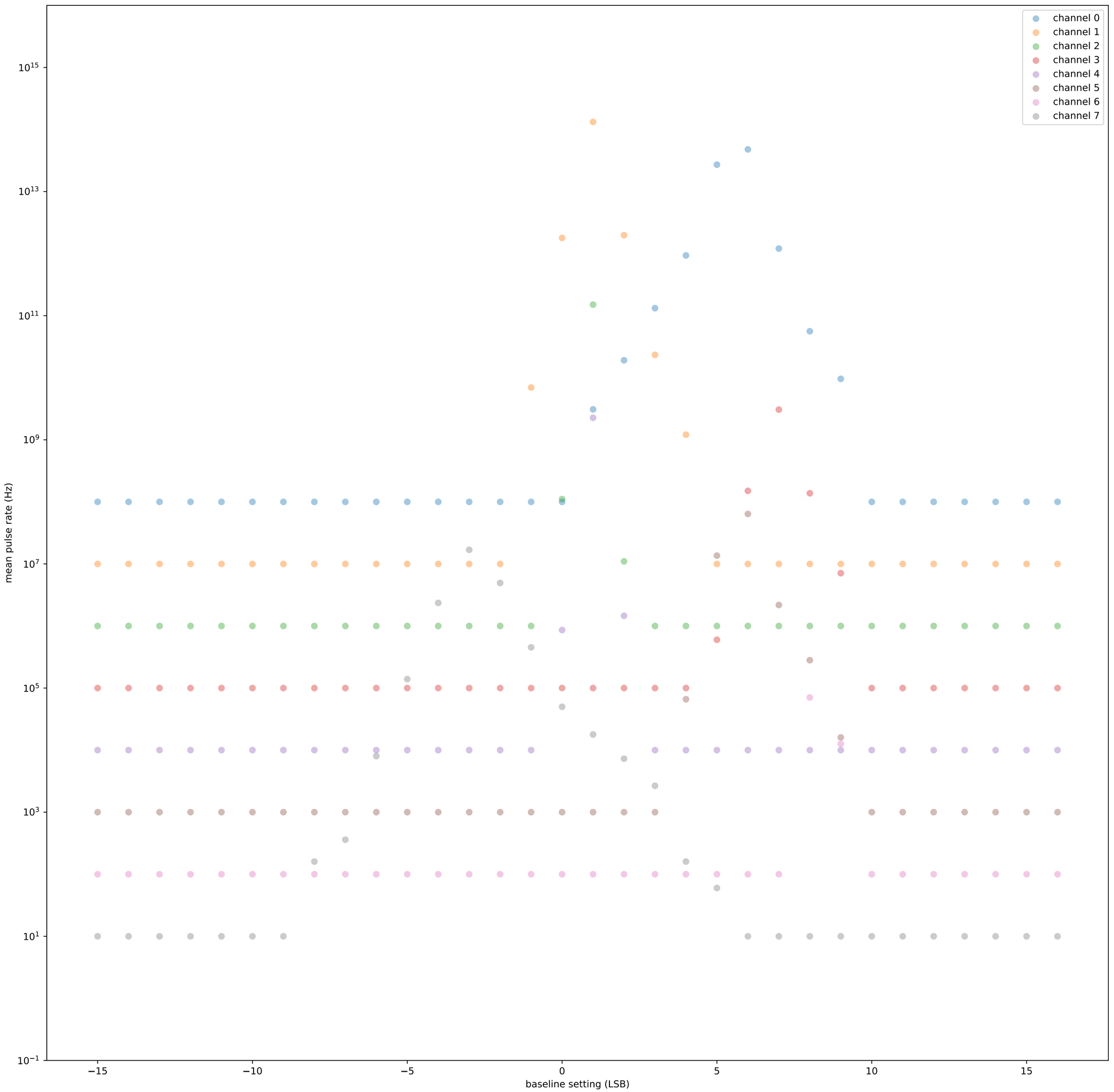
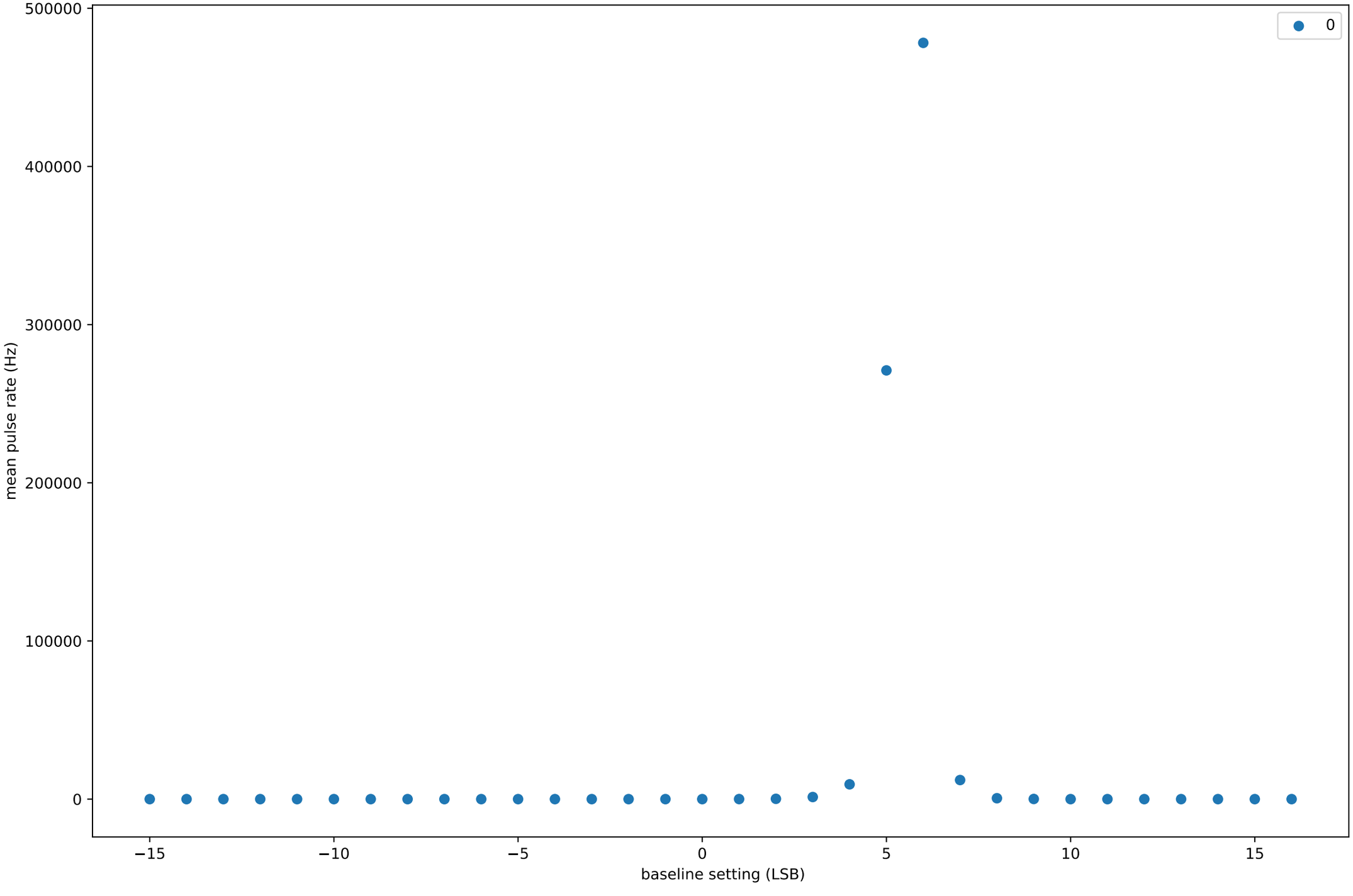
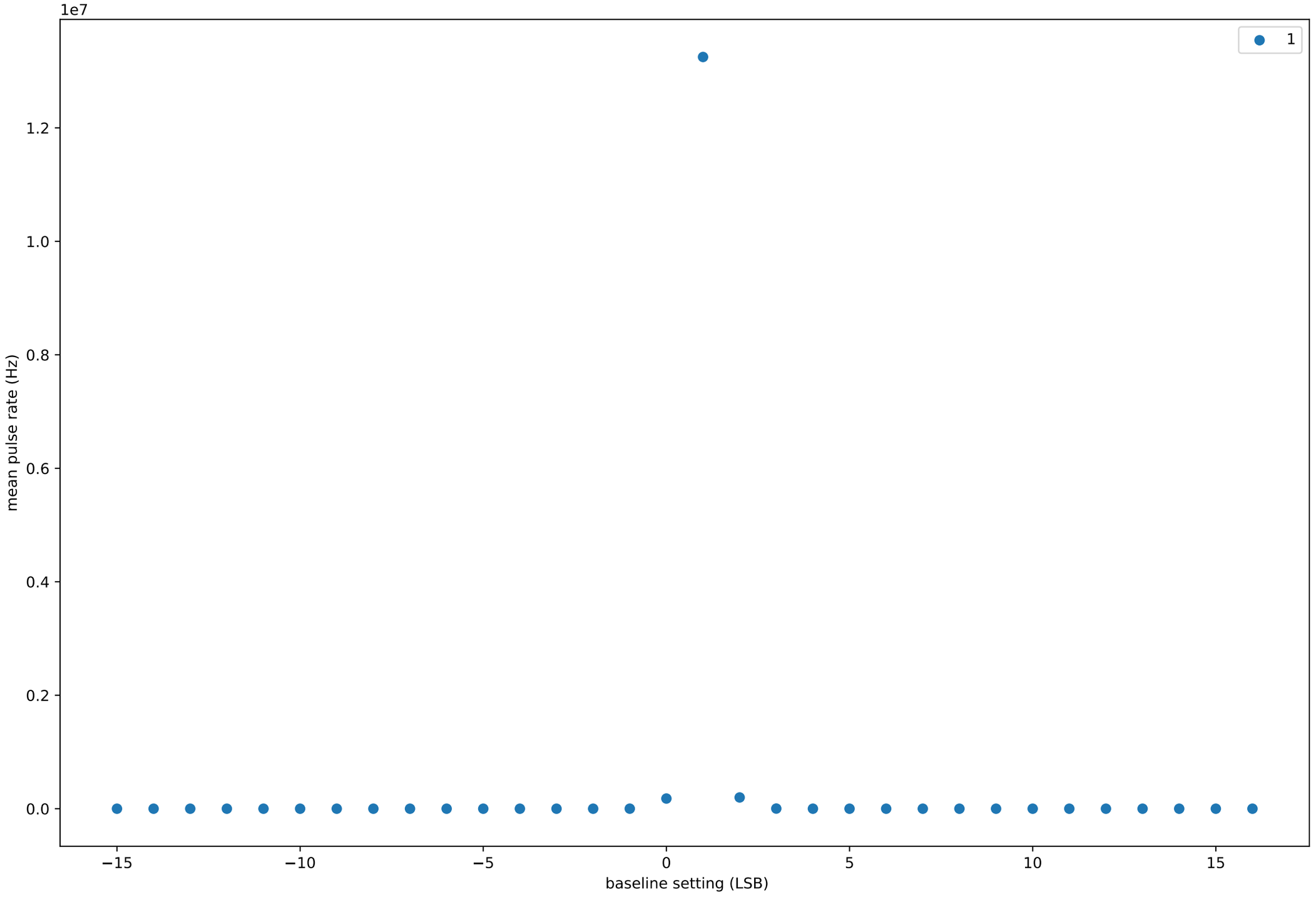
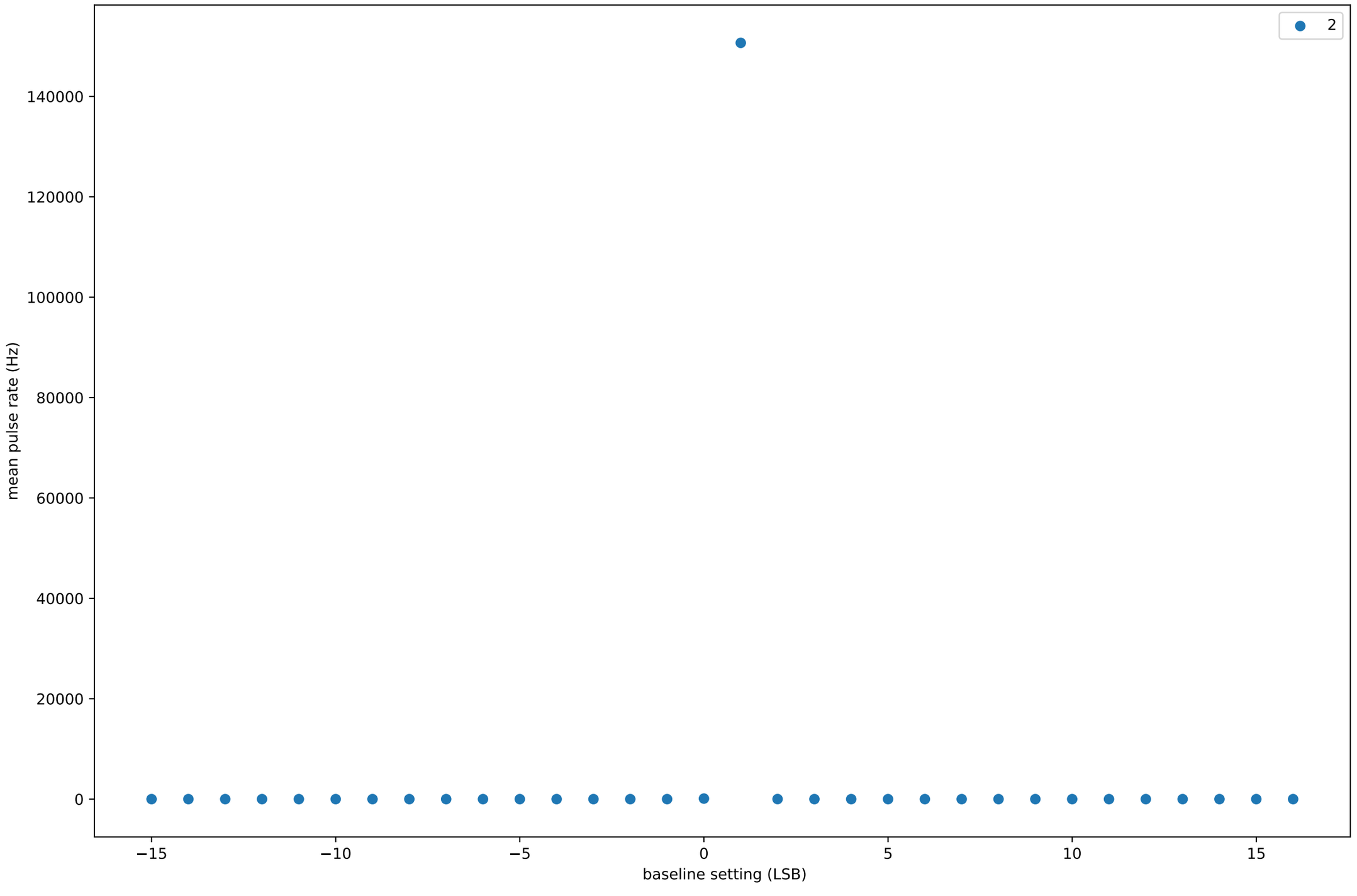
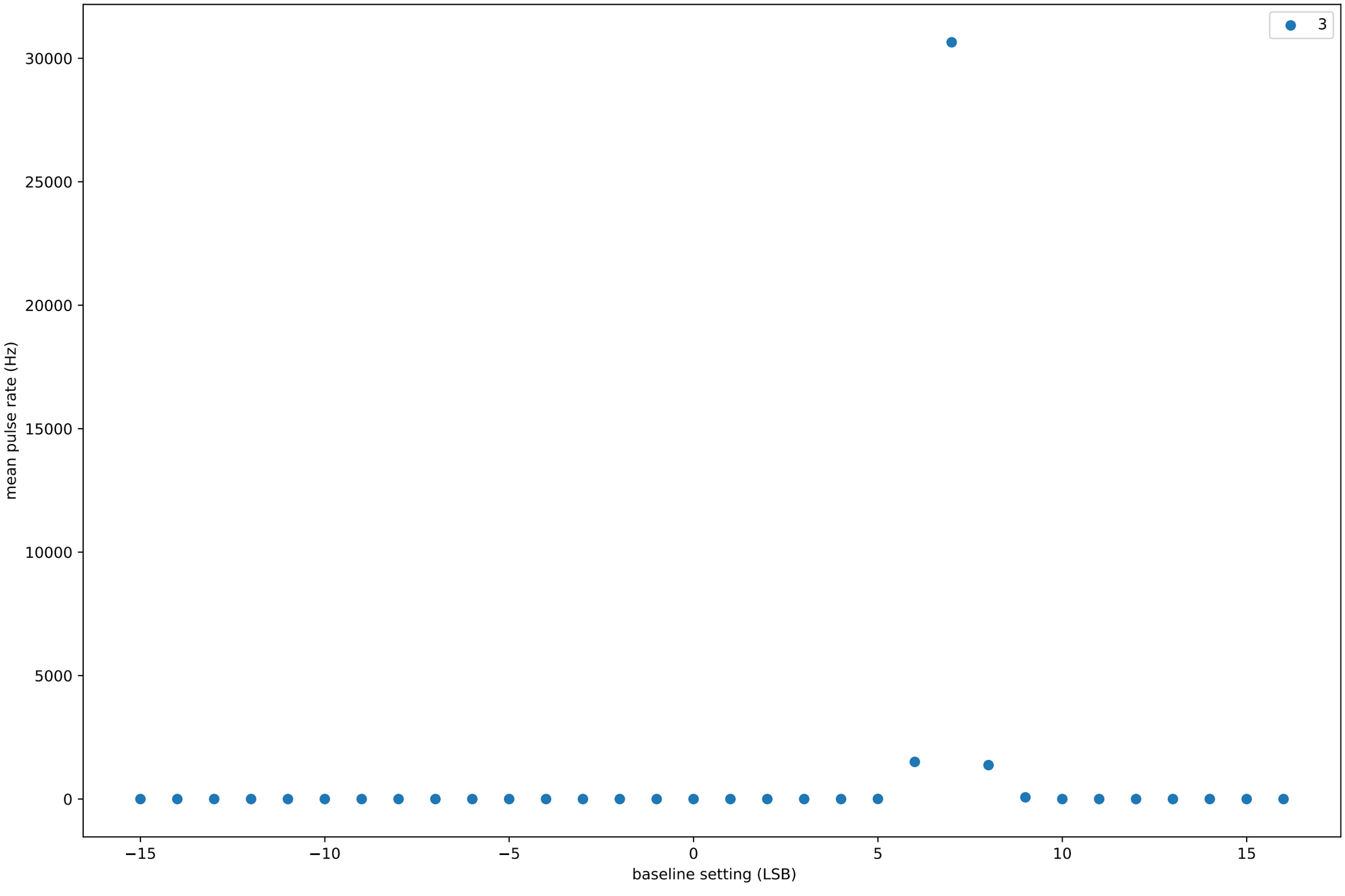

channel 0
channel 1
channel 2
channel 3
channel 4
channel 5
channel 6
channel 7
mean pulse rate (Hz)
10^{13}
10^{11}
10^{9}
10^{7}
10^{5}
10^{3}
10^{1}
10^{-1}
0
10
20
30
40
50
60
threshold set (LSB)

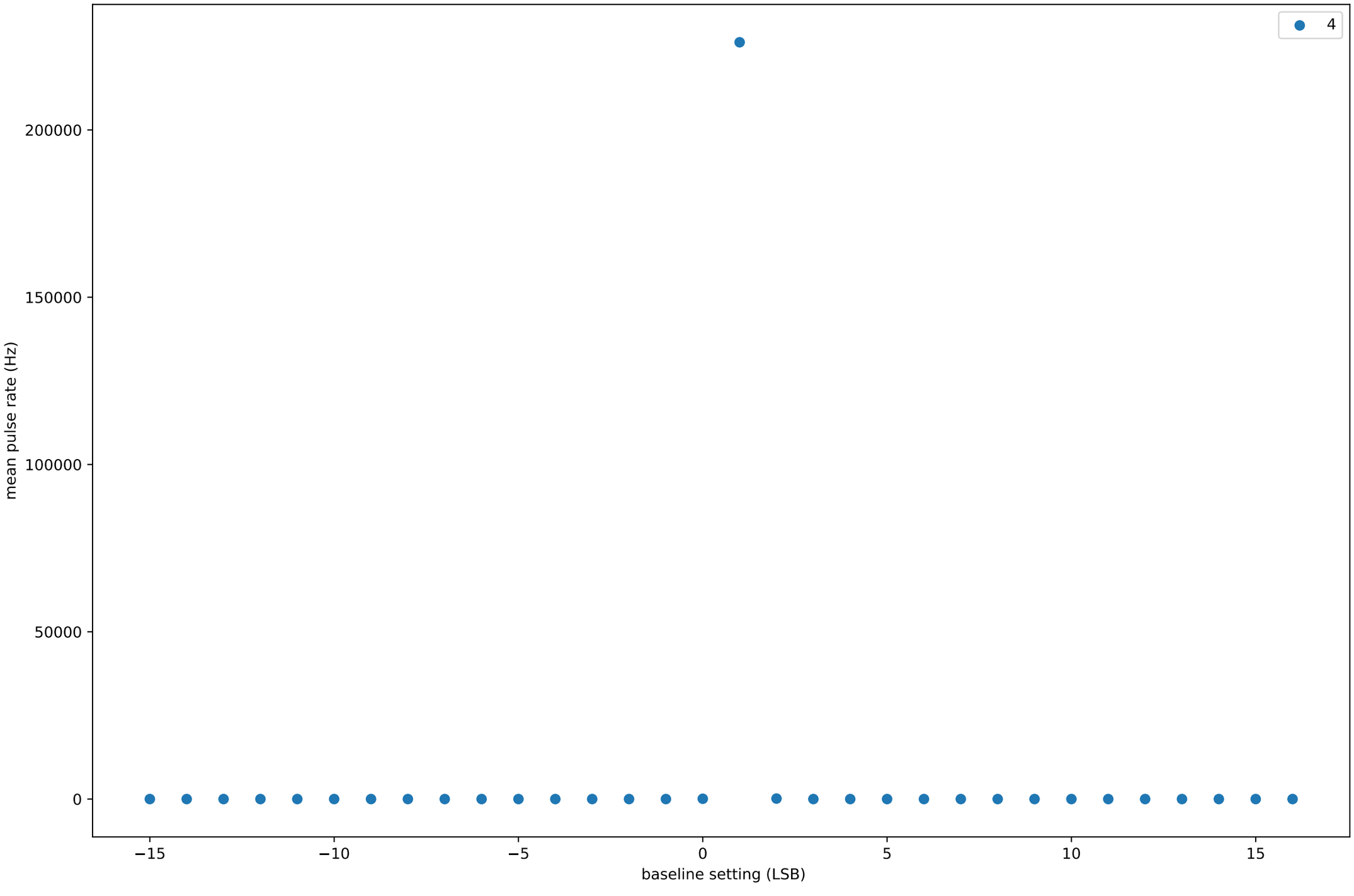

channel 0
channel 1
channel 2
channel 3
channel 4
channel 5
channel 6
channel 7
mean pulse rate (Hz)
10^{15}
10^{13}
10^{11}
10^{9}
10^{7}
10^{5}
10^{3}
10^{1}
10^{-1}
−15
−10
−5
0
5
10
15
baseline setting (LSB)

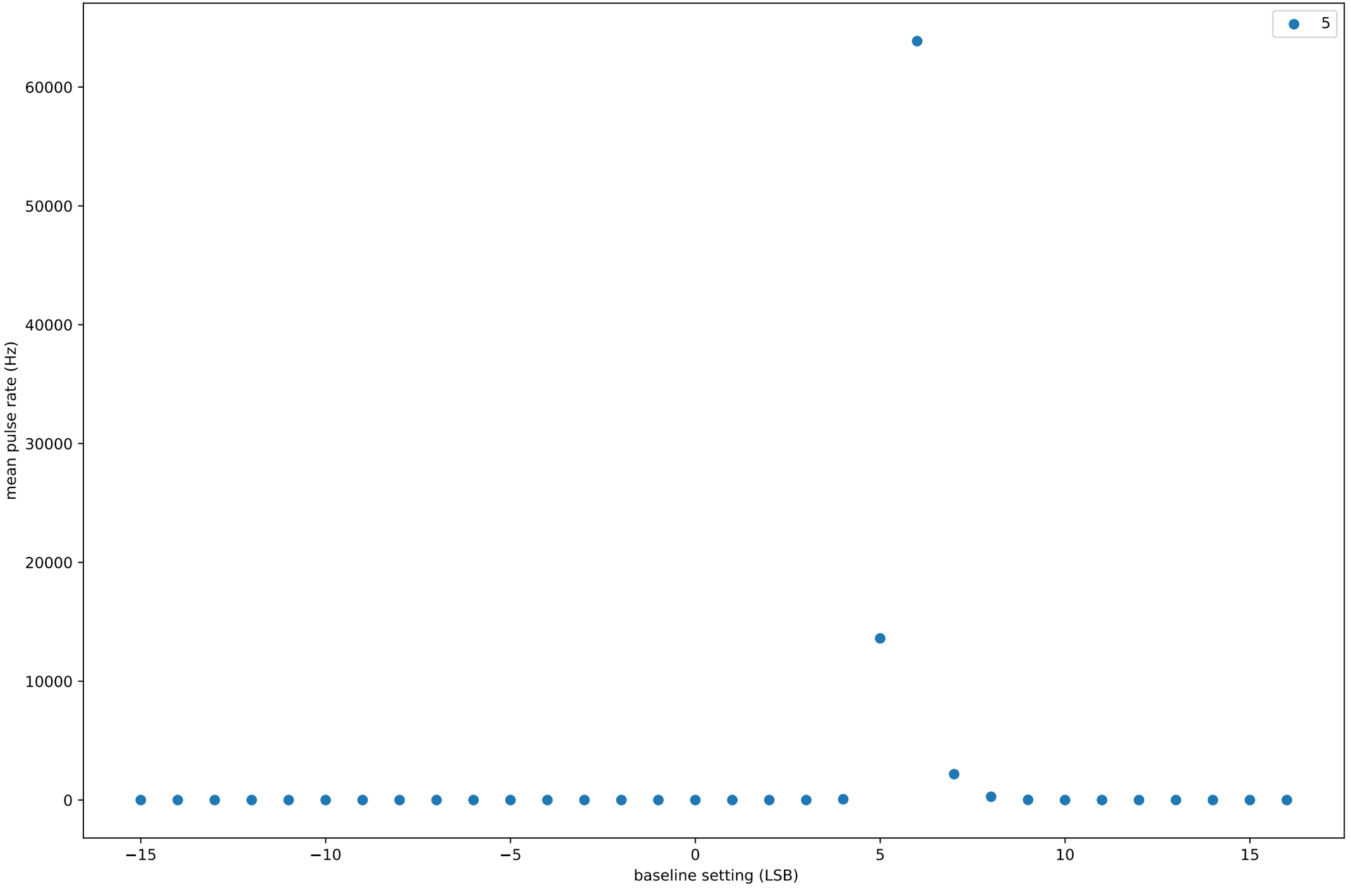

500000
400000
300000
200000
100000
0
mean pulse rate (Hz)
0
−15
−10
−5
0
5
10
15
baseline setting (LSB)

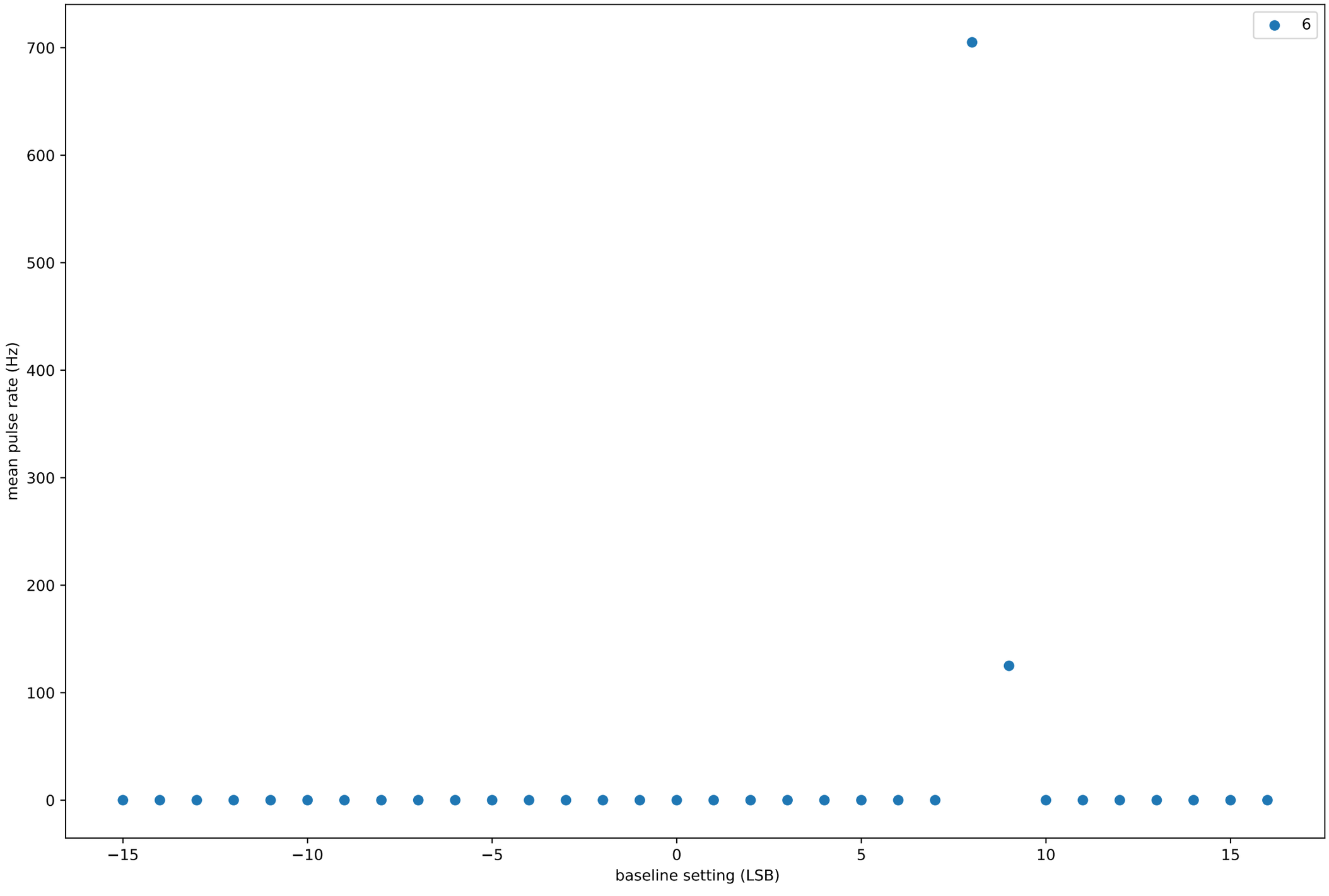

1e7
1.2
1.0
0.8
0.6
0.4
0.2
0.0
mean pulse rate (Hz)
1
−15
−10
−5
0
5
10
15
baseline setting (LSB)

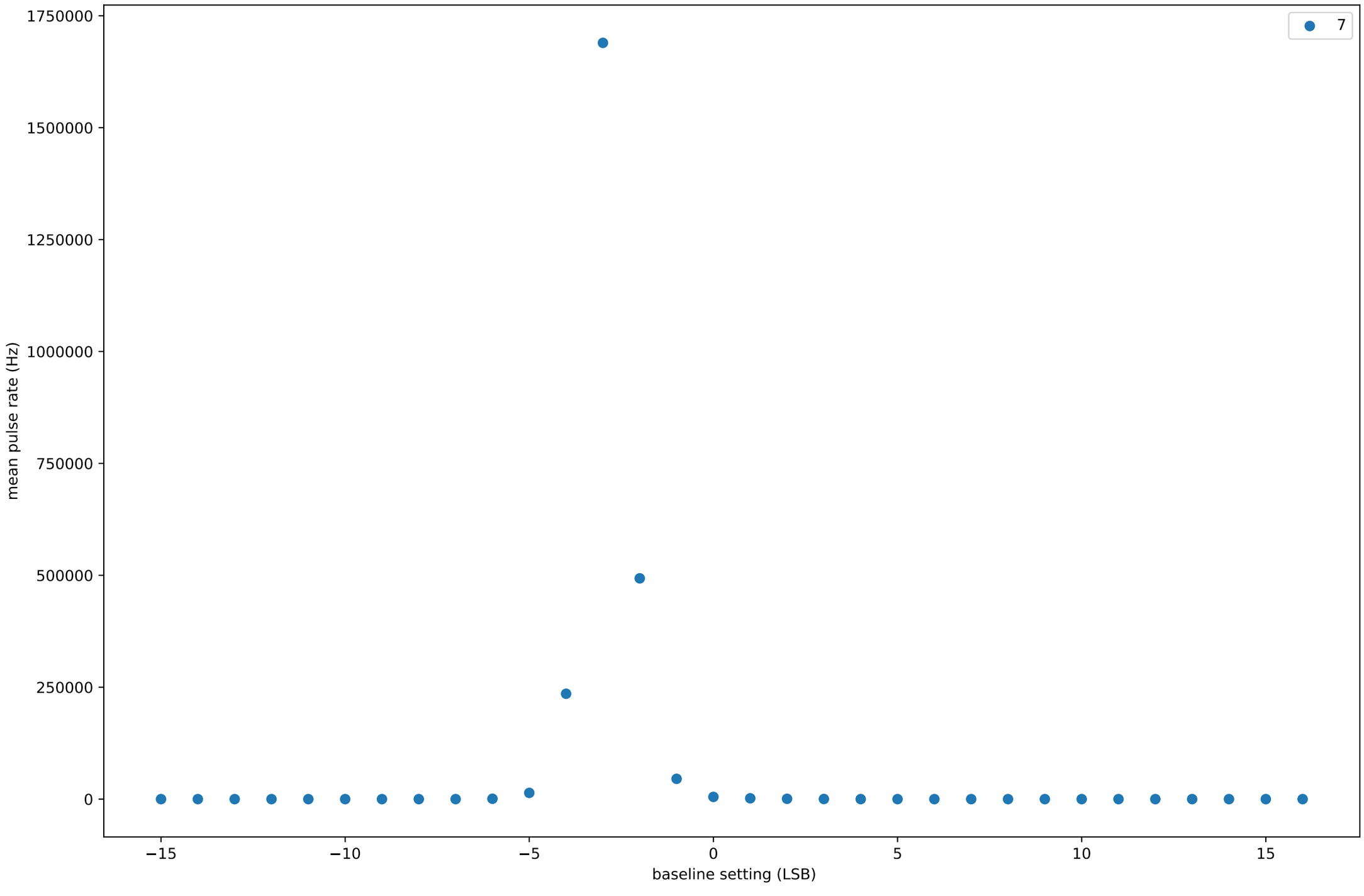

2
140000
120000
100000
80000
60000
40000
20000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

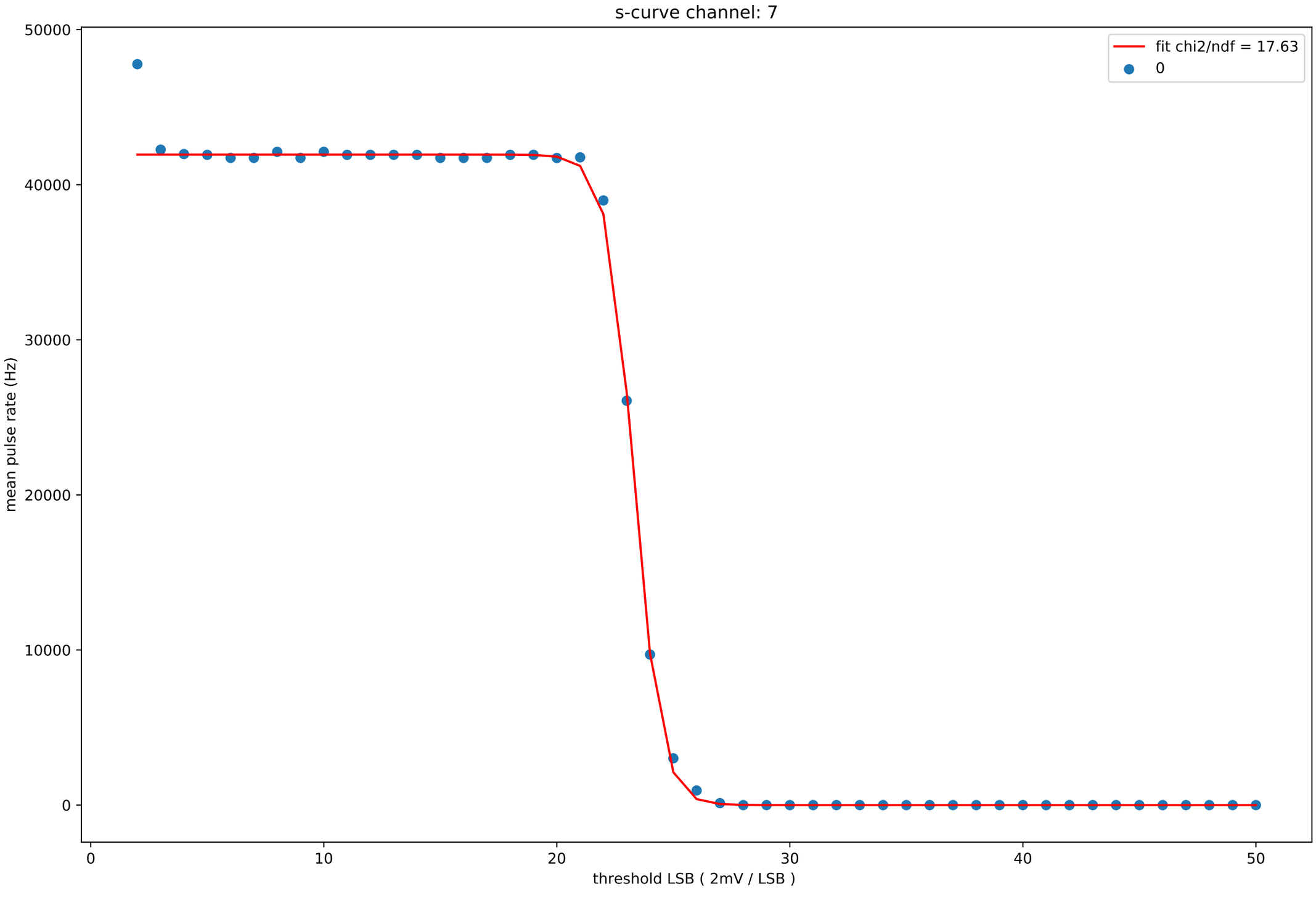

3
30000
25000
20000
15000
10000
5000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

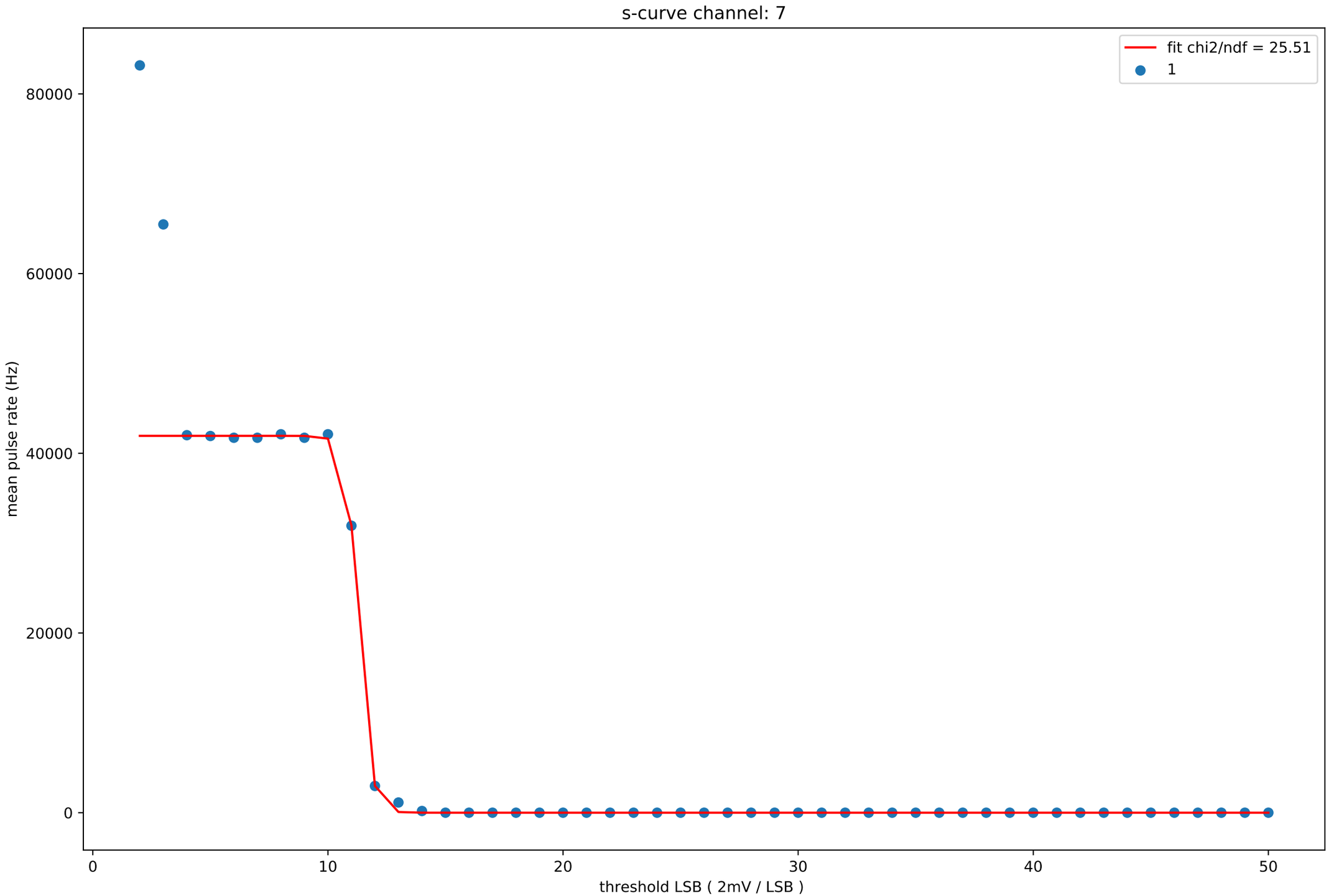

4
200000
150000
100000
50000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

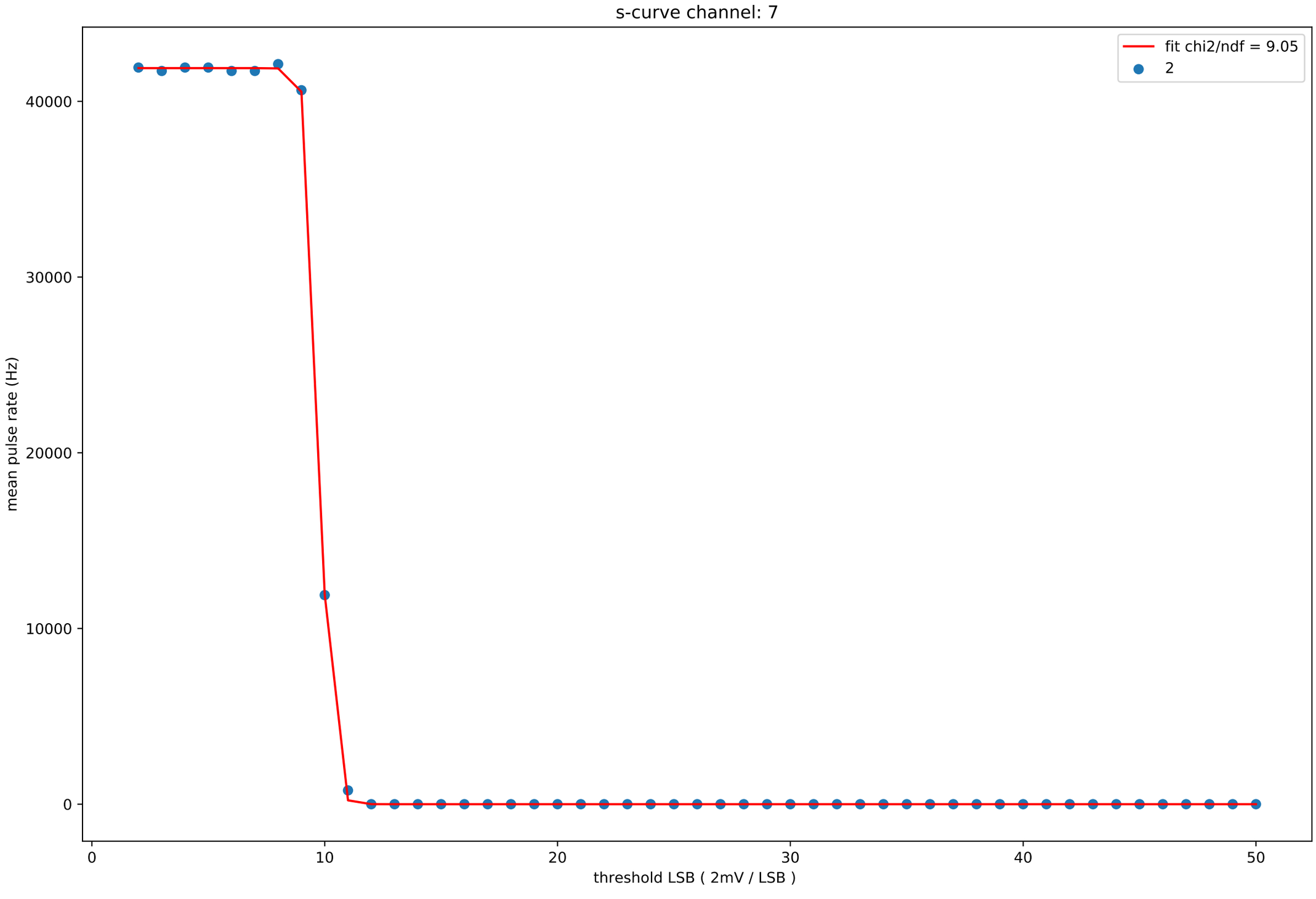

5
60000
50000
40000
30000
20000
10000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

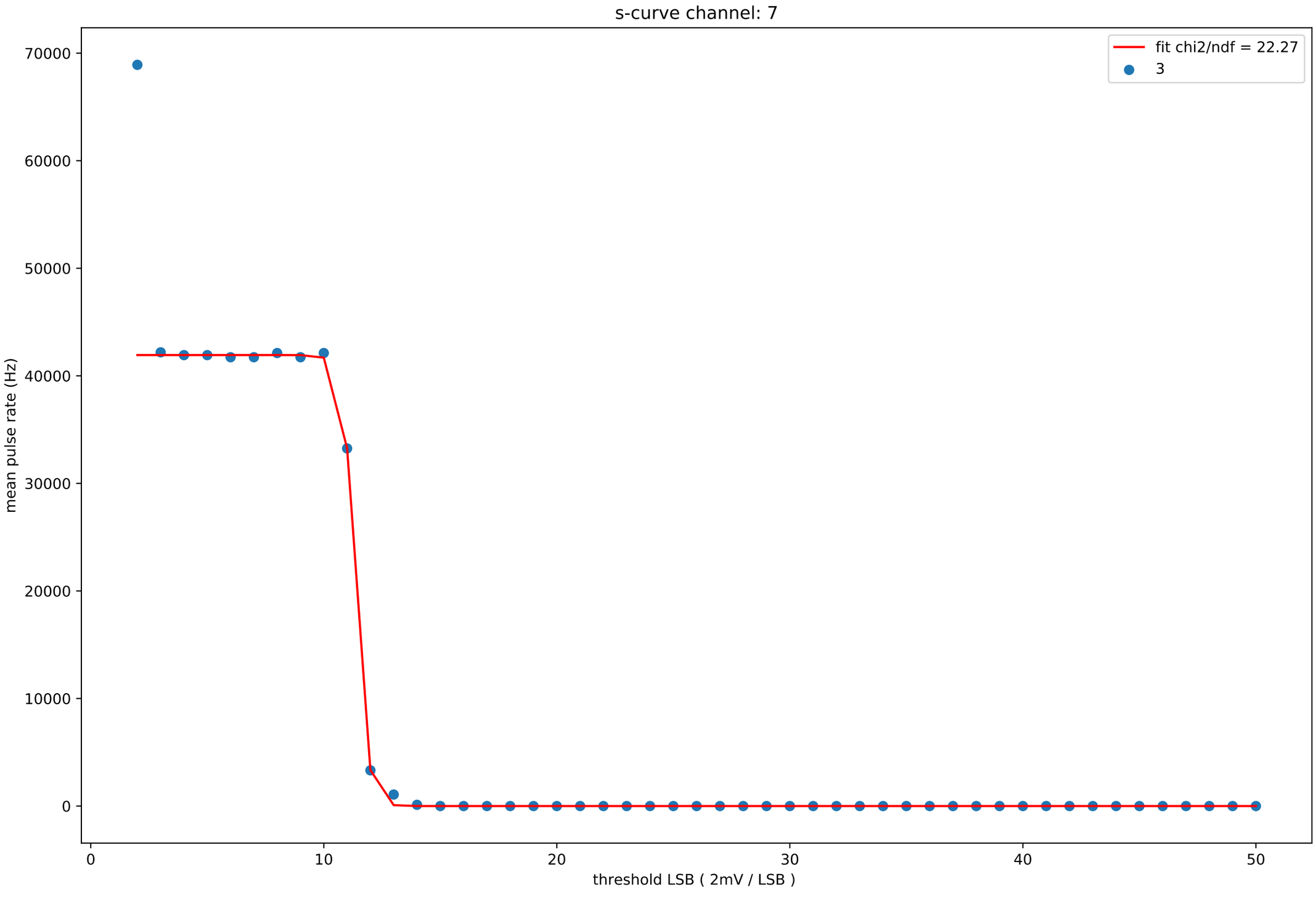

6
700
600
500
400
300
200
100
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

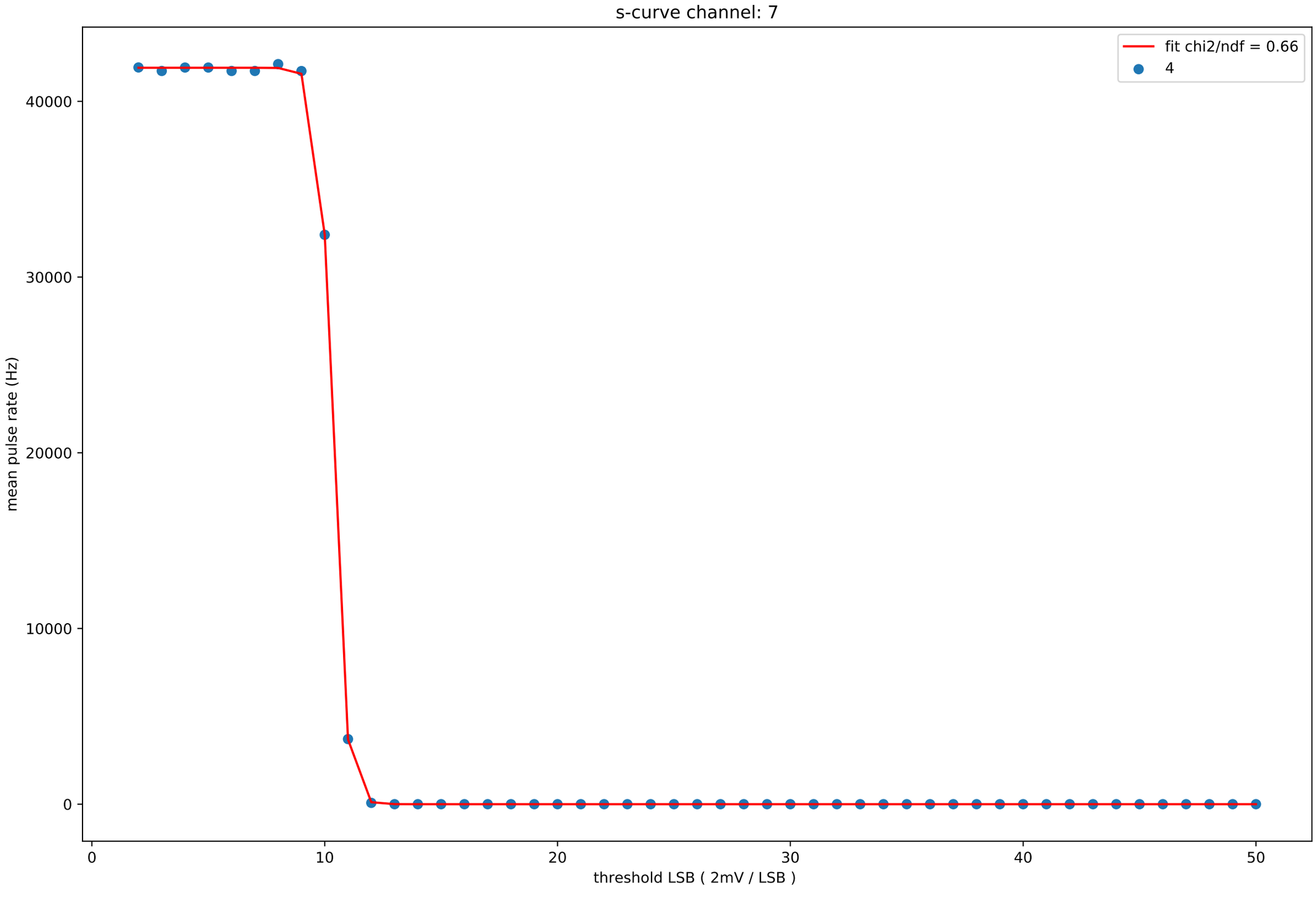

7
1750000
1500000
1250000
1000000
750000
500000
250000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

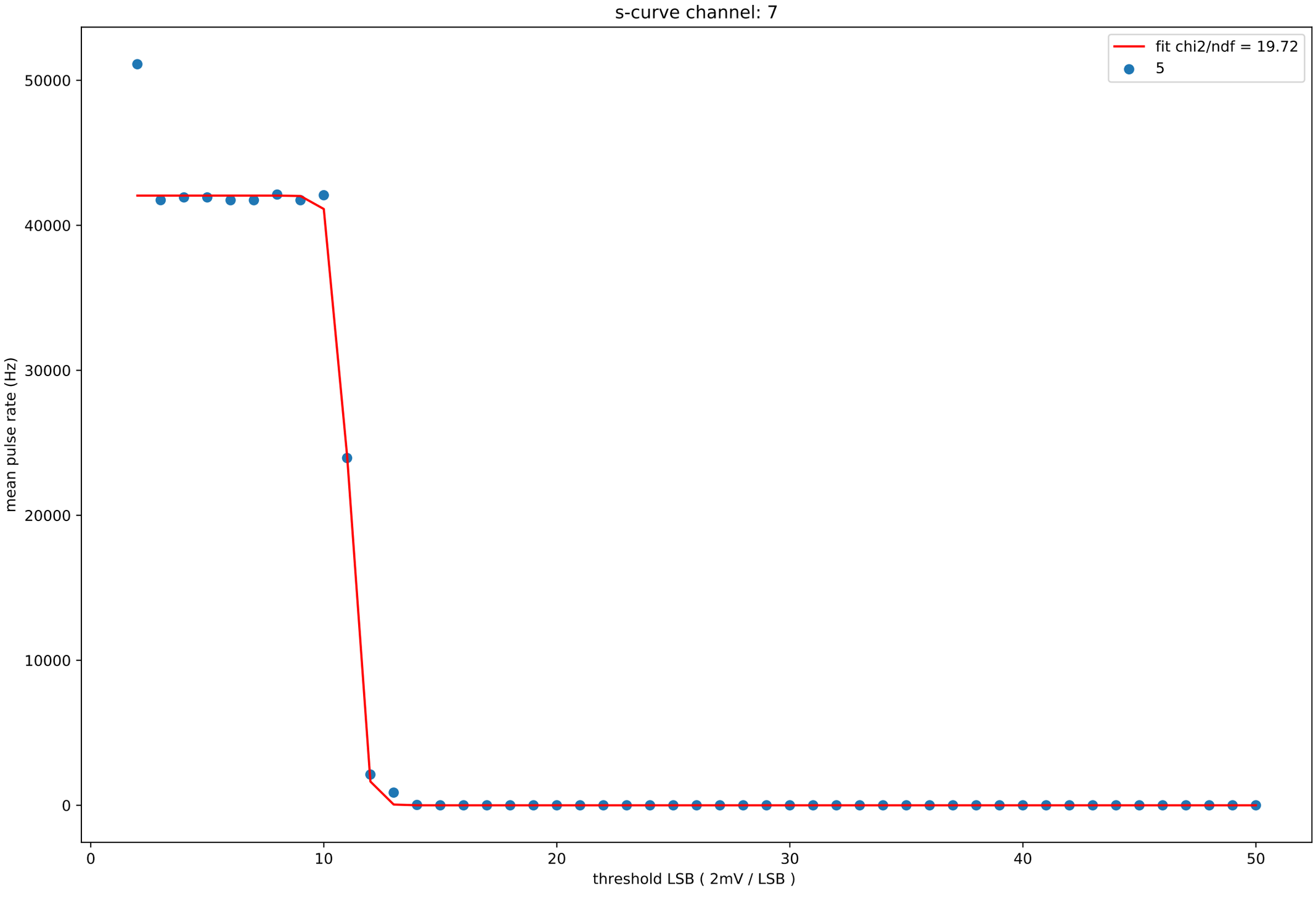

s-curve channel: 7
fit chi2/ndf = 17.63
0
mean pulse rate (Hz)
50000
40000
30000
20000
10000
0
0
10
20
30
40
50
threshold LSB (2mV / LSB)

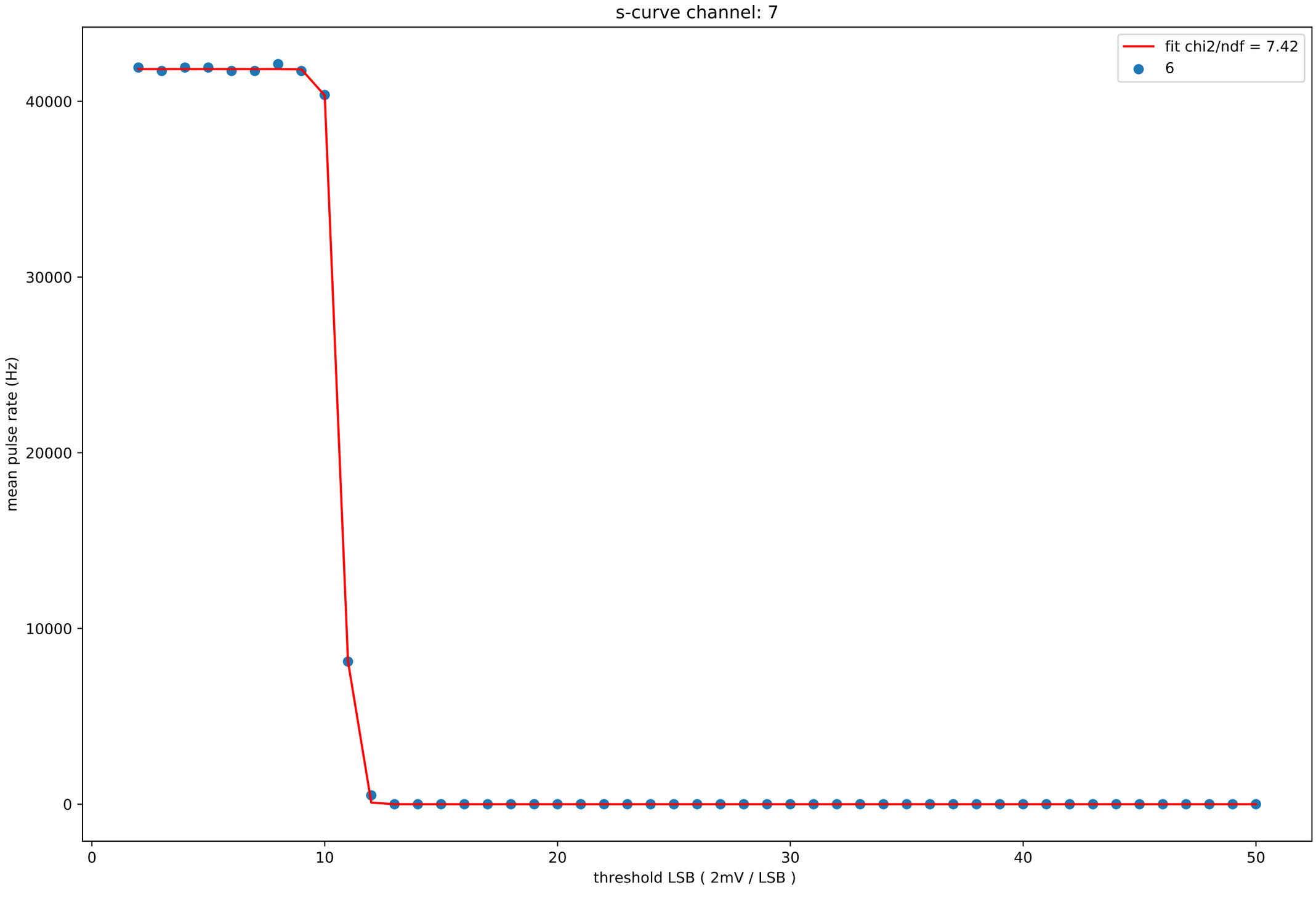

s-curve channel: 7
fit chi2/ndf = 25.51
1
80000
60000
40000
20000
0
mean pulse rate (Hz)
0
10
20
30
40
50
threshold LSB (2mV / LSB)

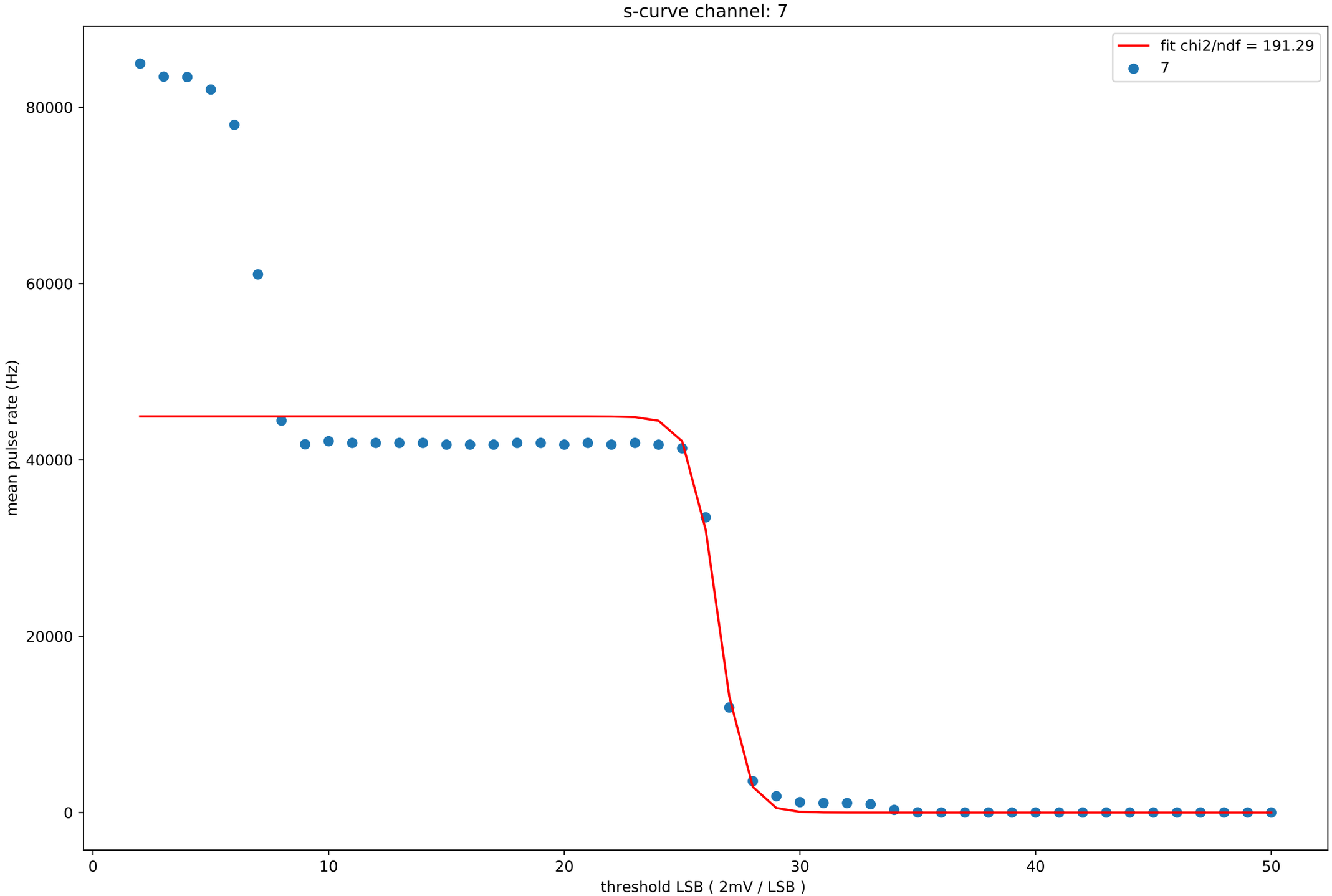

s-curve channel: 7
fit chi2/ndf = 9.05
2
40000
30000
20000
10000
0
mean pulse rate (Hz)
0
10
20
30
40
50
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 22.27
3
mean pulse rate (Hz)
70000
60000
50000
40000
30000
20000
10000
0
0
10
20
30
40
50
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 0.66
4
mean pulse rate (Hz)
40000
30000
20000
10000
0
0
10
20
30
40
50
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 19.72
5
mean pulse rate (Hz)
50000
40000
30000
20000
10000
0
0
10
20
30
40
50
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 7.42
6
mean pulse rate (Hz)
40000
30000
20000
10000
0
0
10
20
30
40
50
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 191.29
7
80000
60000
40000
20000
0
mean pulse rate (Hz)
0
10
20
30
40
50
threshold LSB (2mV / LSB)