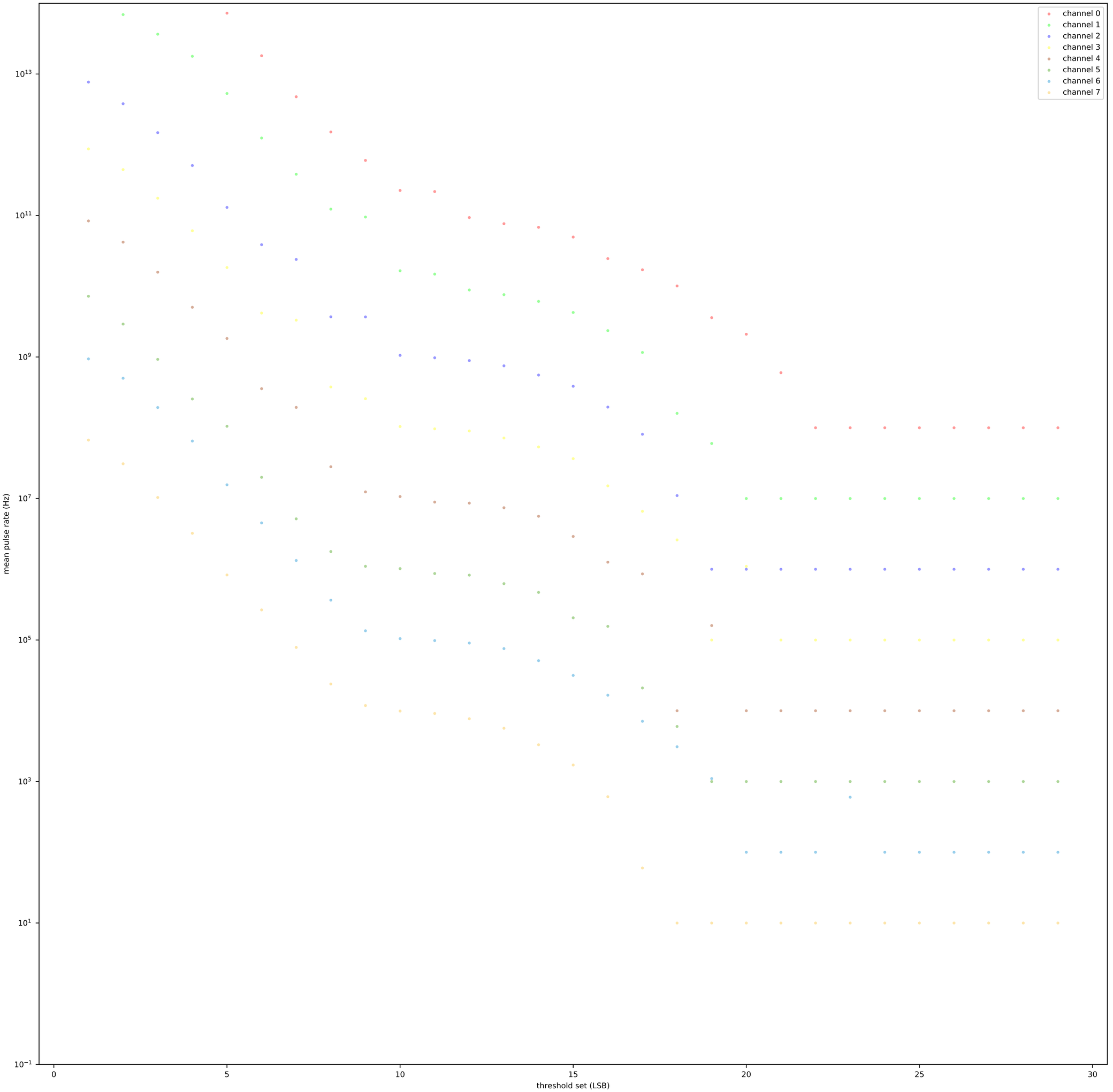
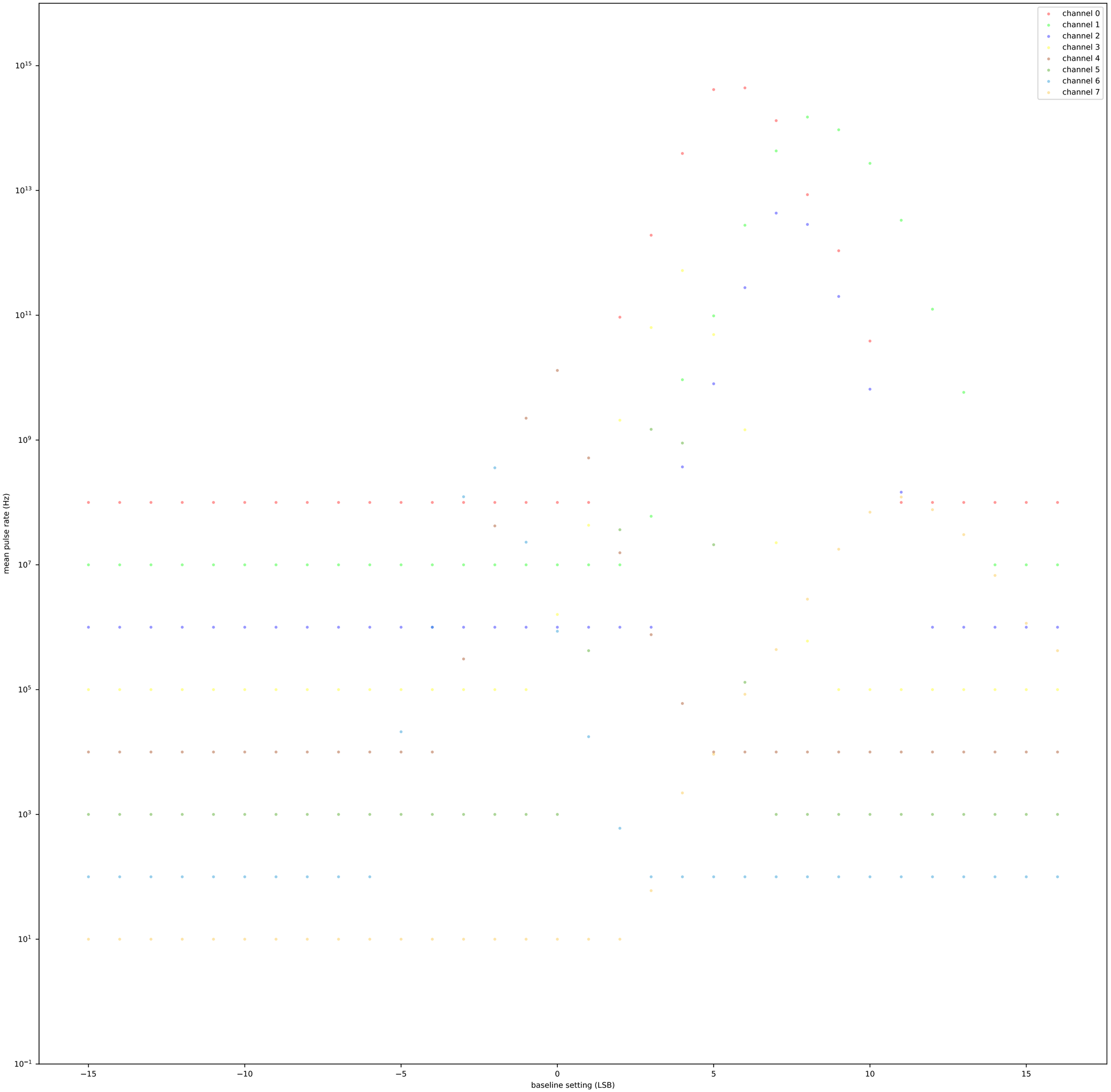
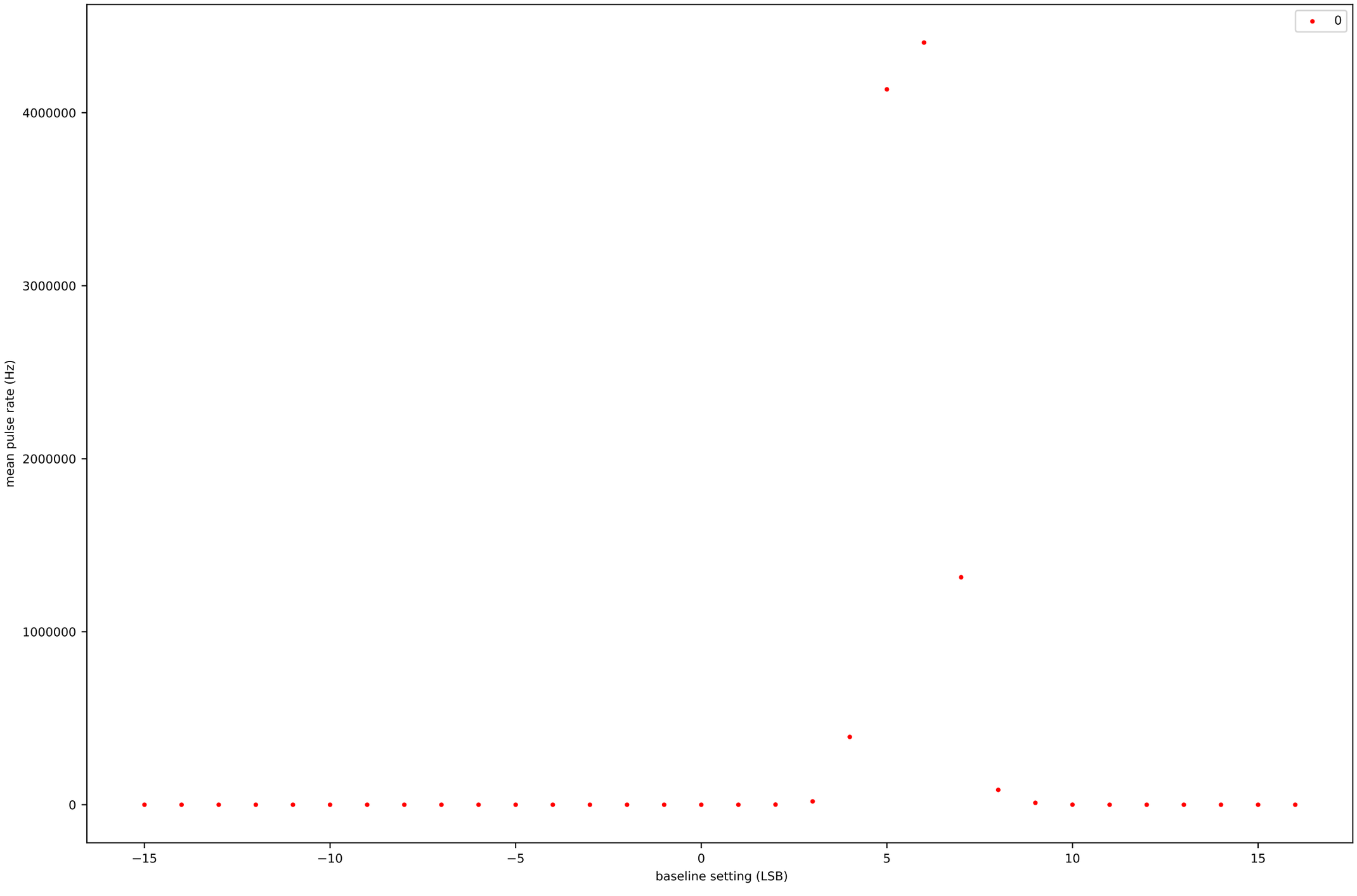
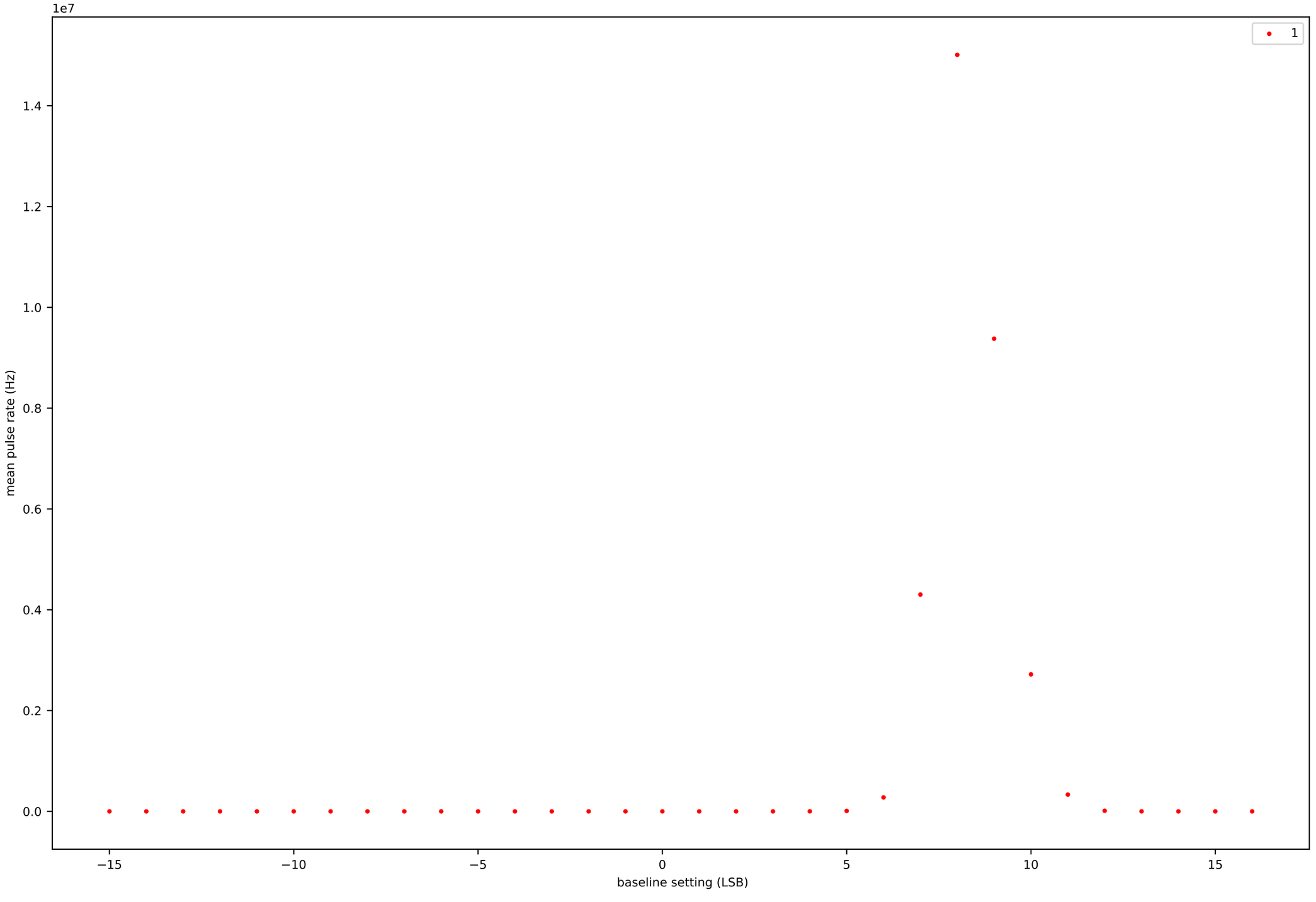
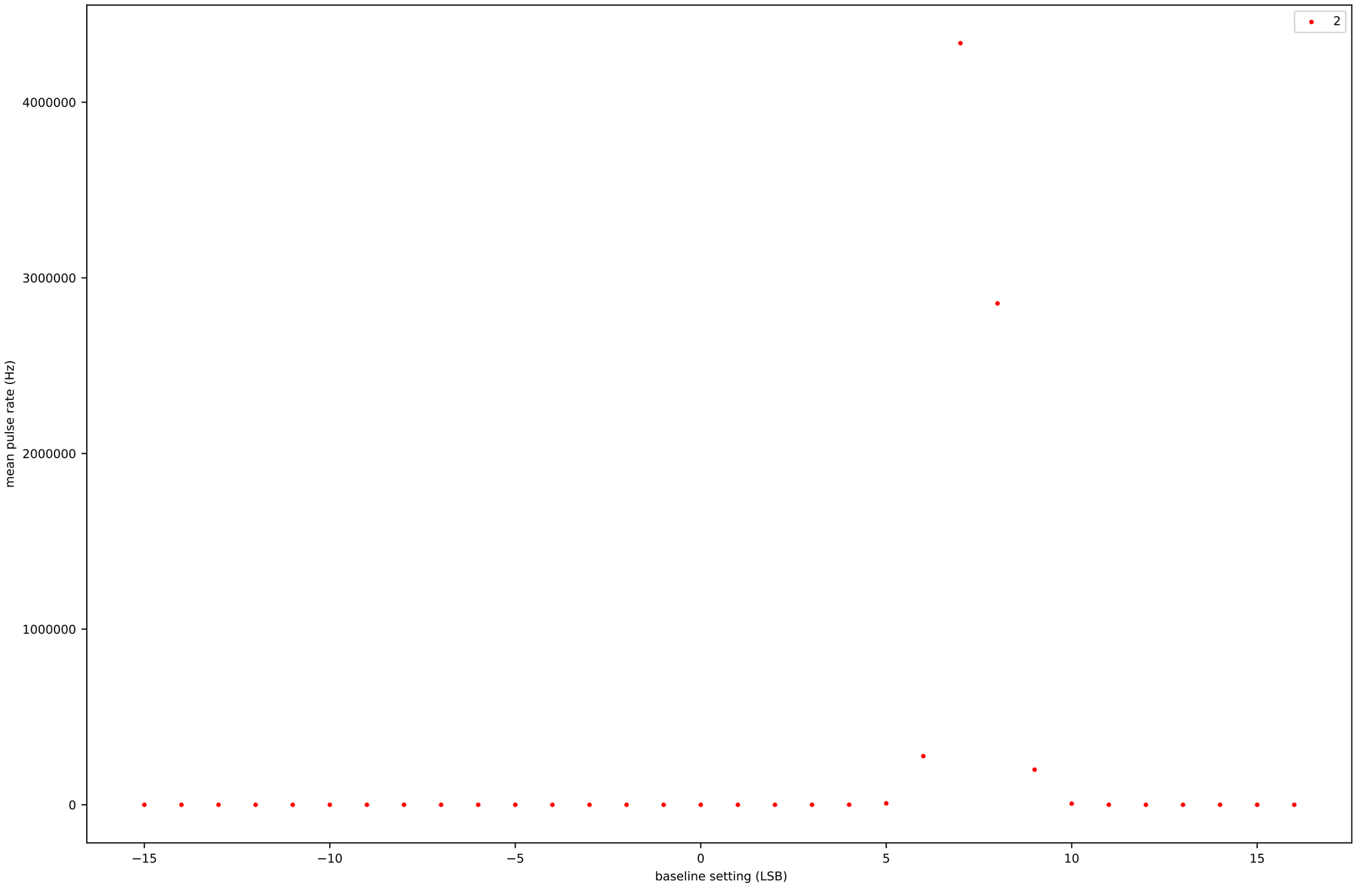
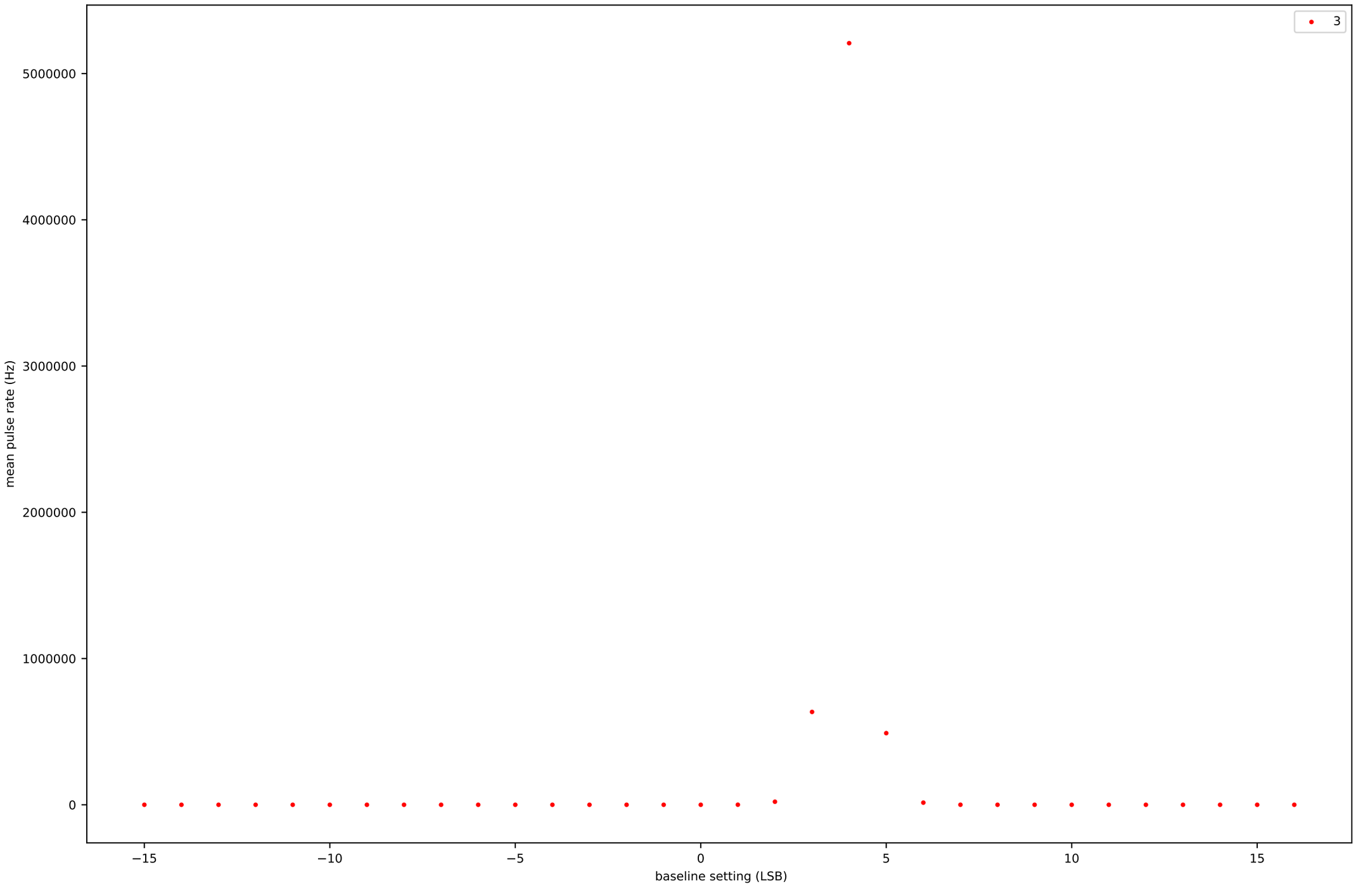

channel 0
channel 1
channel 2
channel 3
channel 4
channel 5
channel 6
channel 7
mean pulse rate (Hz)
10^{13}
10^{11}
10^{9}
10^{7}
10^{5}
10^{3}
10^{1}
10^{-1}
0
5
10
15
20
25
30
threshold set (LSB)

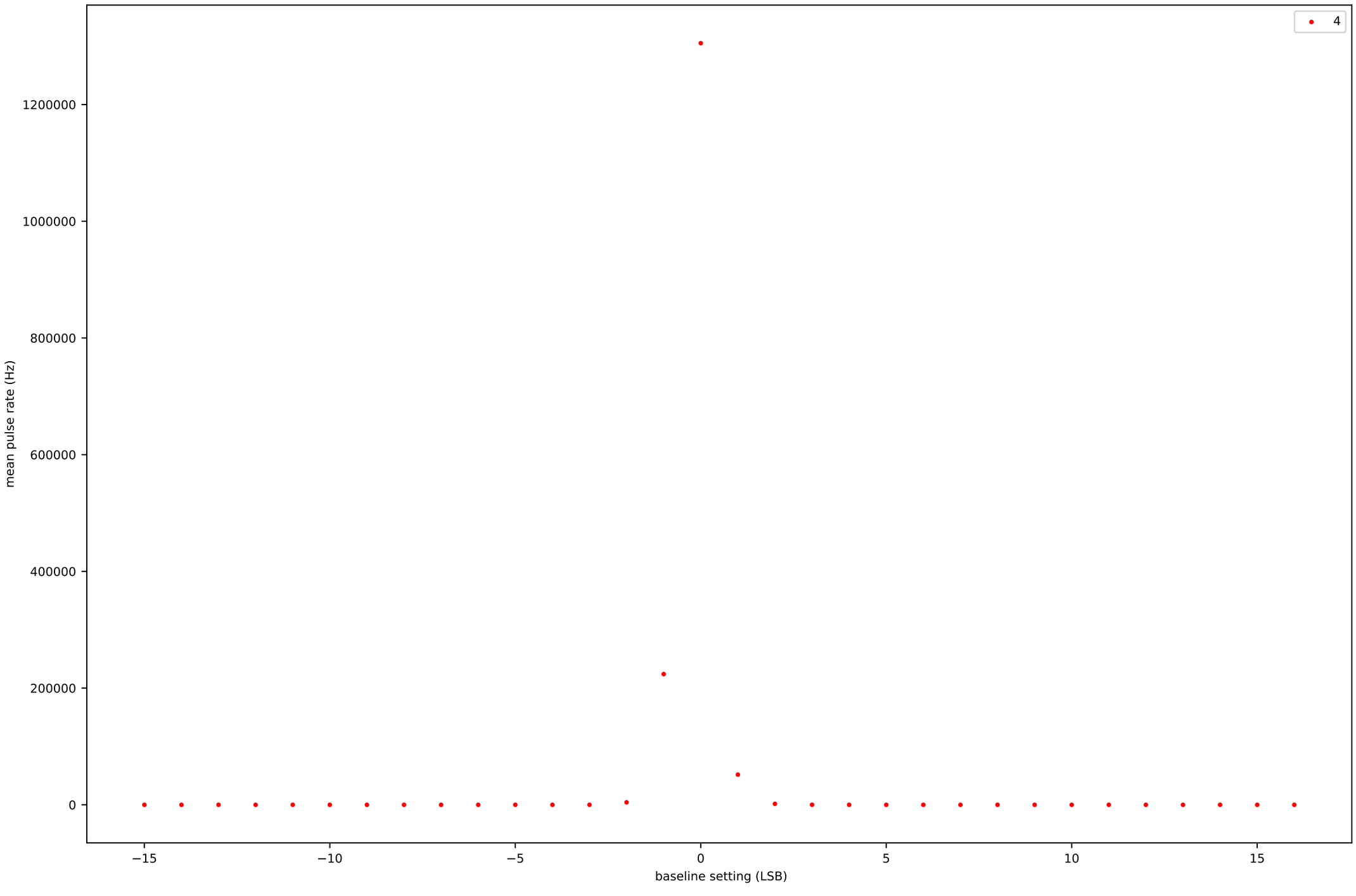

channel 0
channel 1
channel 2
channel 3
channel 4
channel 5
channel 6
channel 7
mean pulse rate (Hz)
10^{15}
10^{13}
10^{11}
10^{9}
10^{7}
10^{5}
10^{3}
10^{1}
10^{-1}
−15
−10
−5
0
5
10
15
baseline setting (LSB)

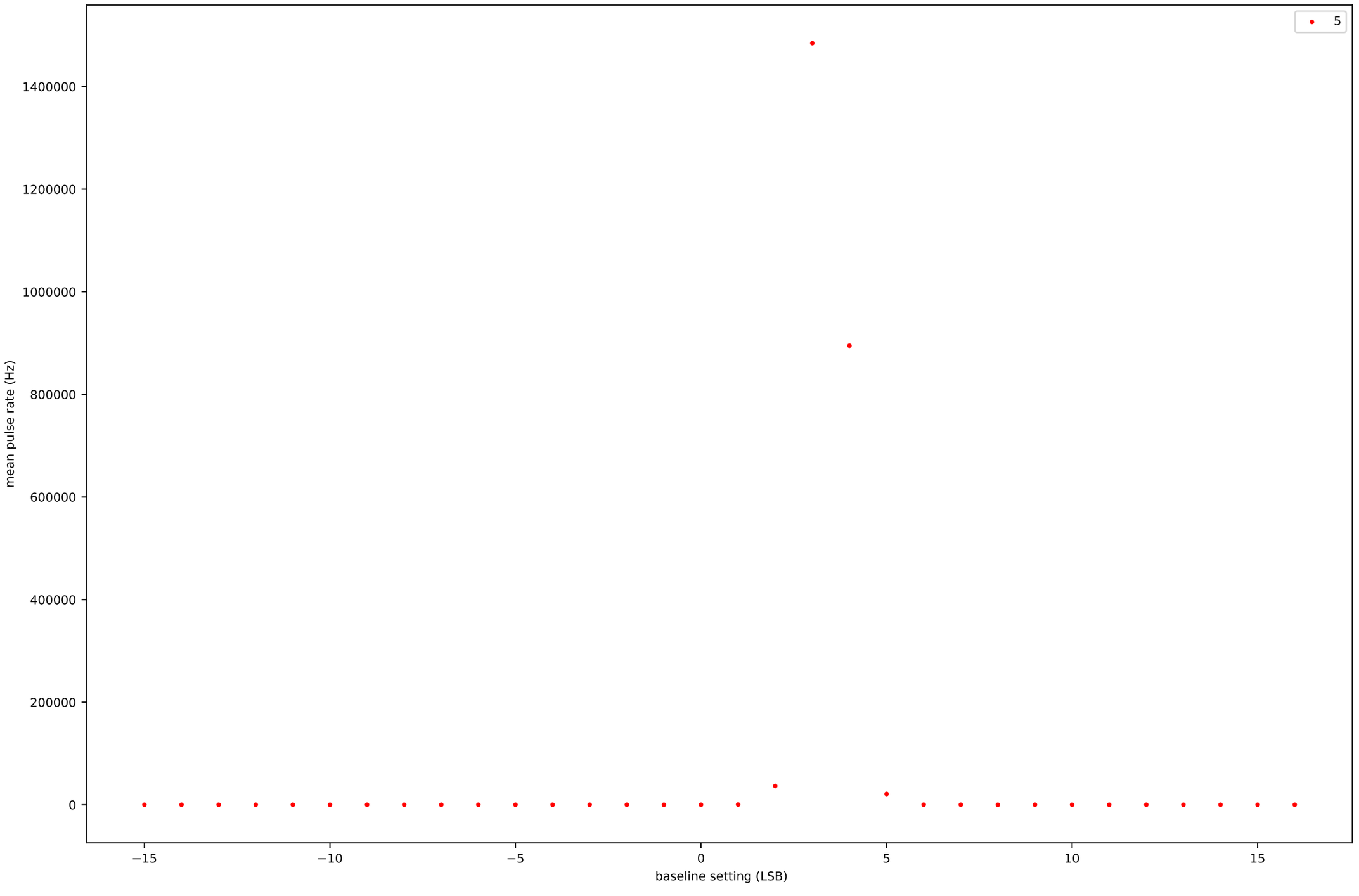

0
4000000
3000000
2000000
1000000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

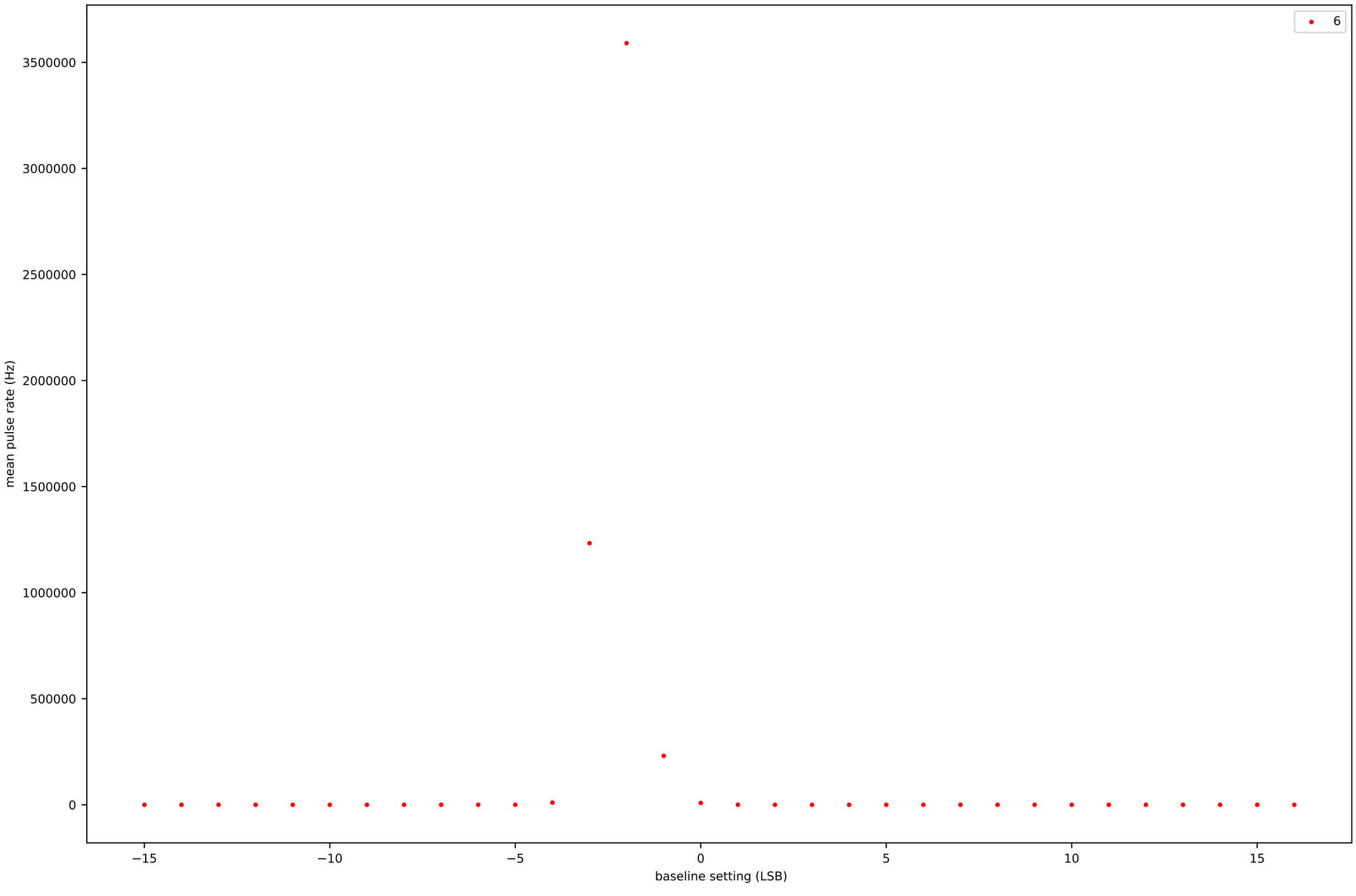

1e7
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)
1

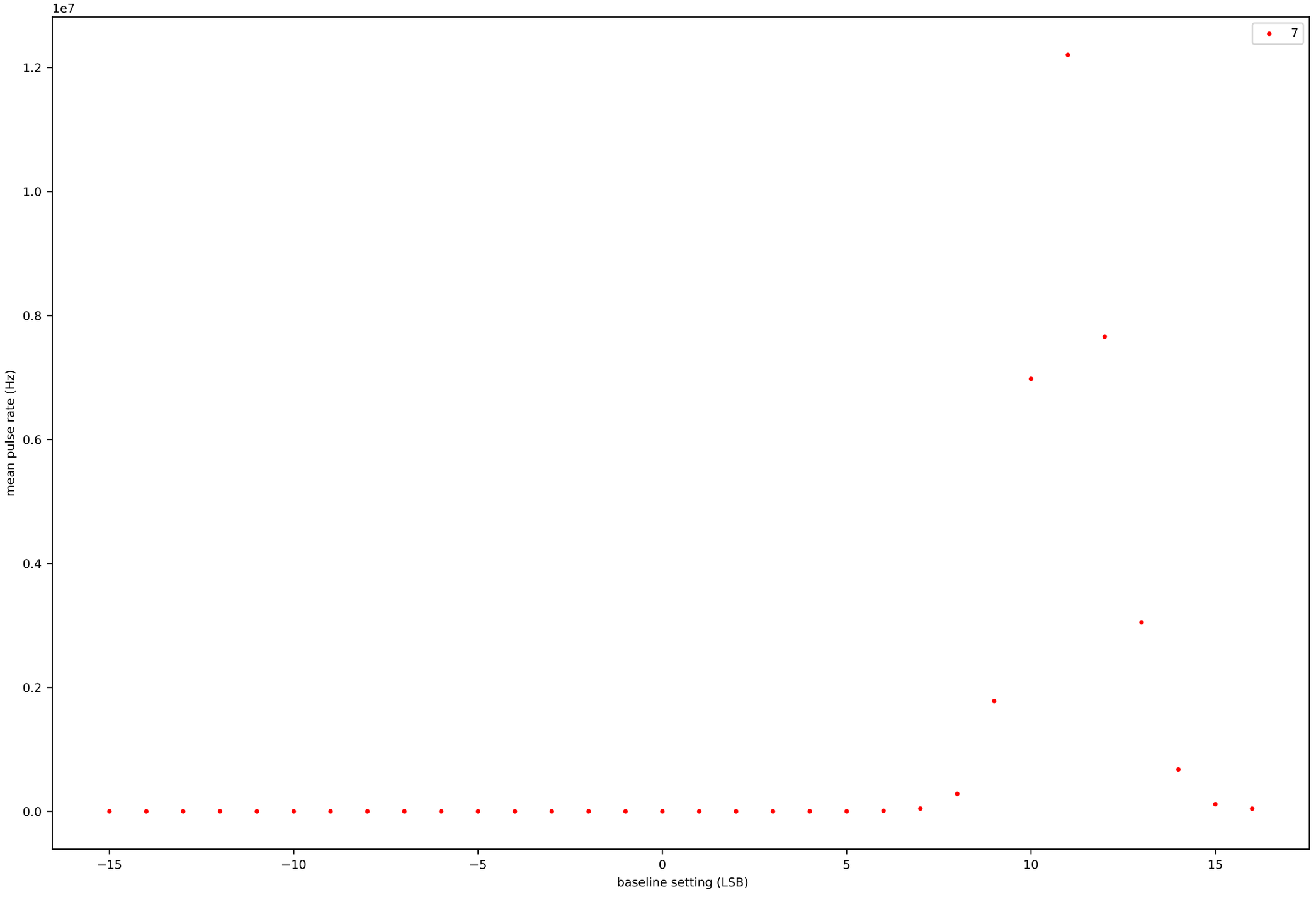

2
4000000
3000000
2000000
1000000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

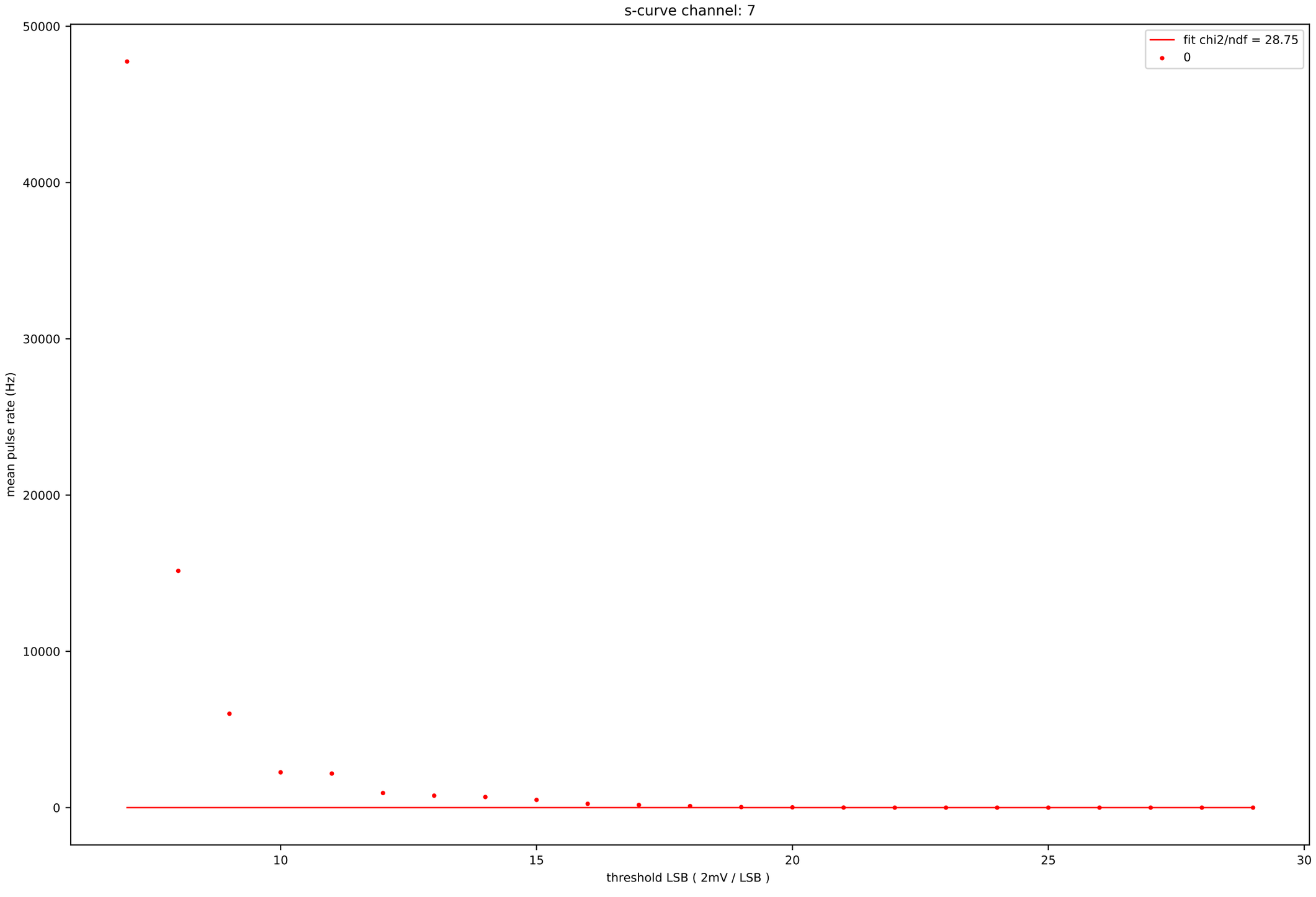

3
5000000
4000000
3000000
2000000
1000000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

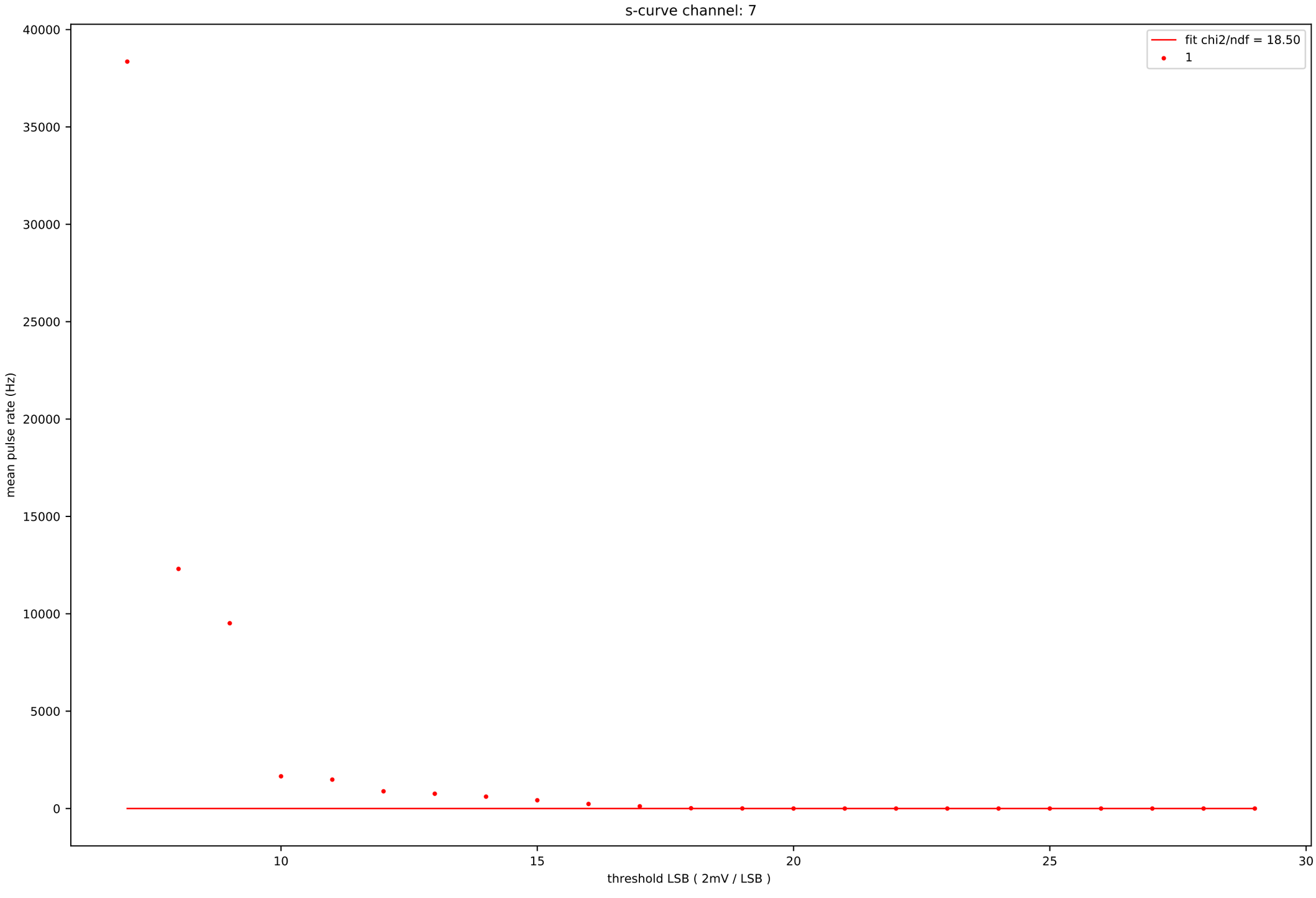

4
1200000
1000000
800000
600000
400000
200000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

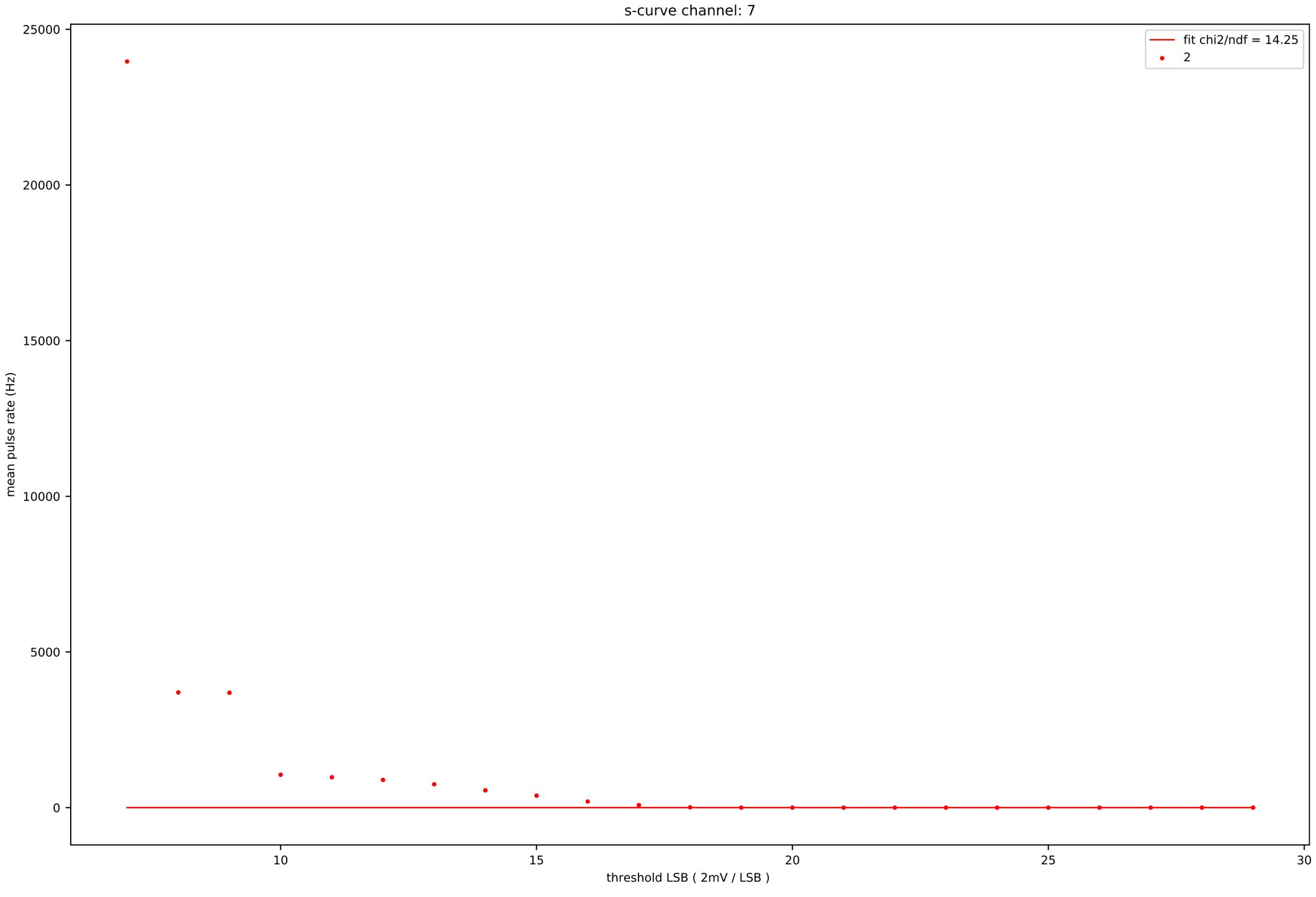

5
1400000
1200000
1000000
800000
600000
400000
200000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

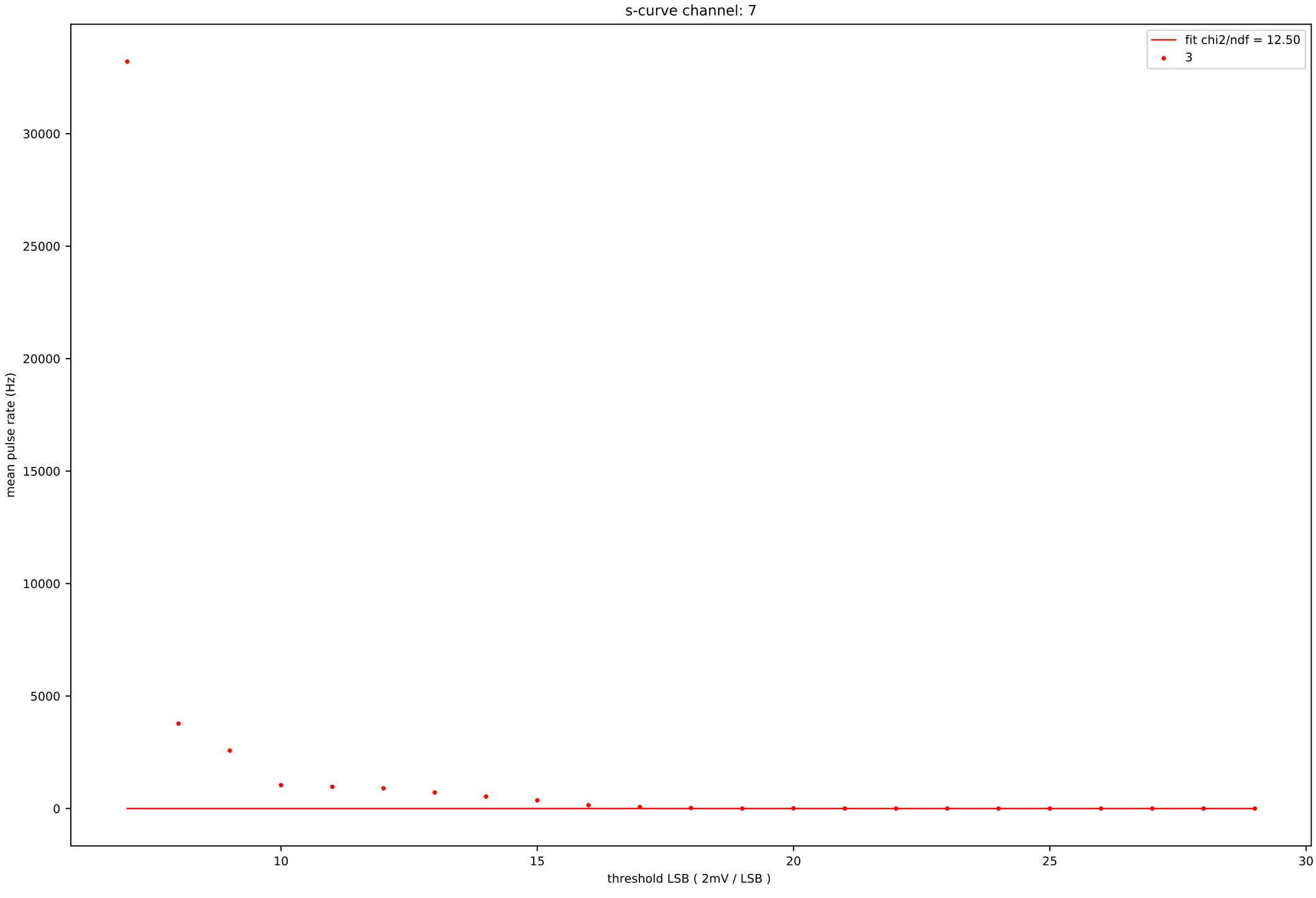

6
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

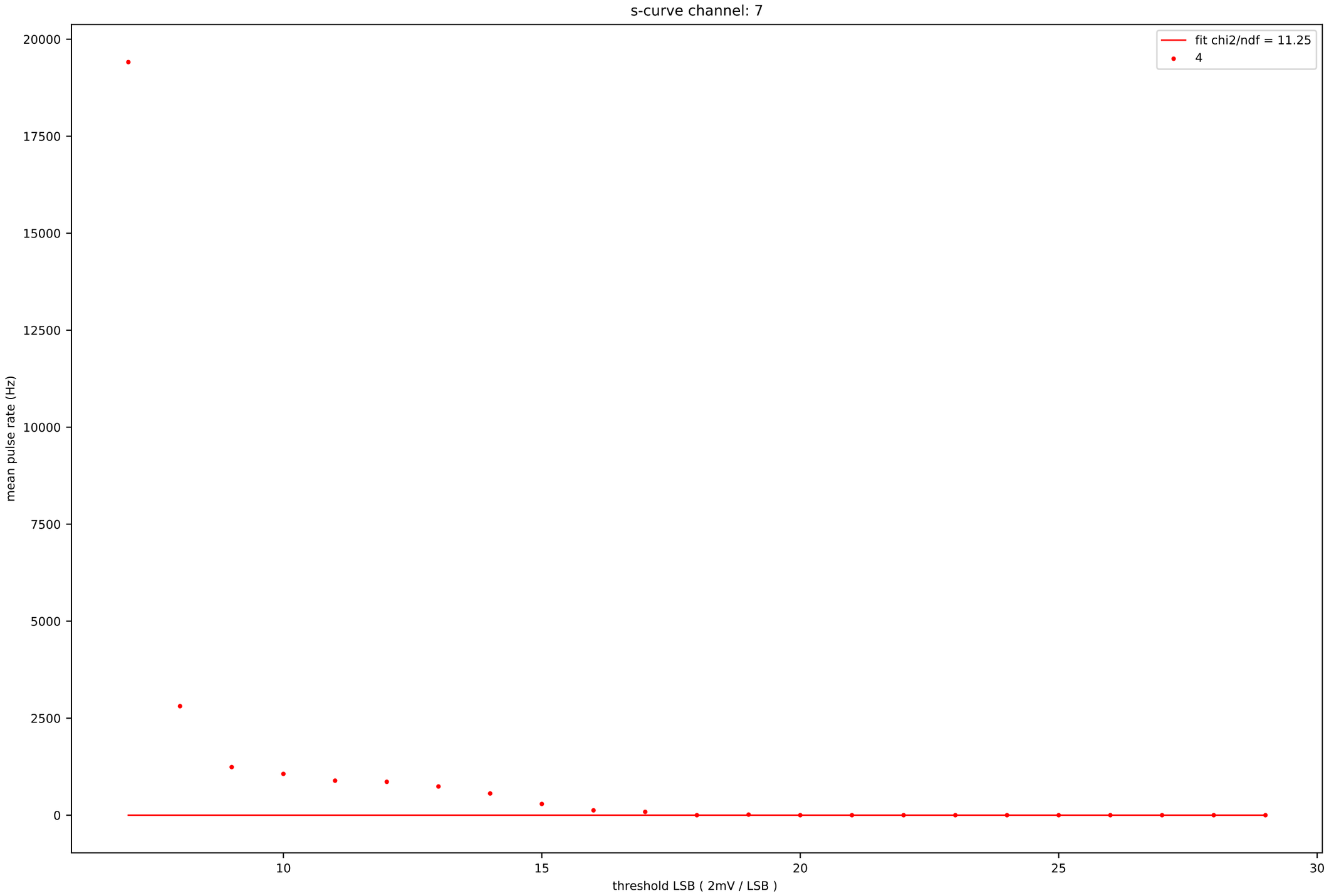

1e7
1.2
1.0
0.8
0.6
0.4
0.2
0.0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)
7

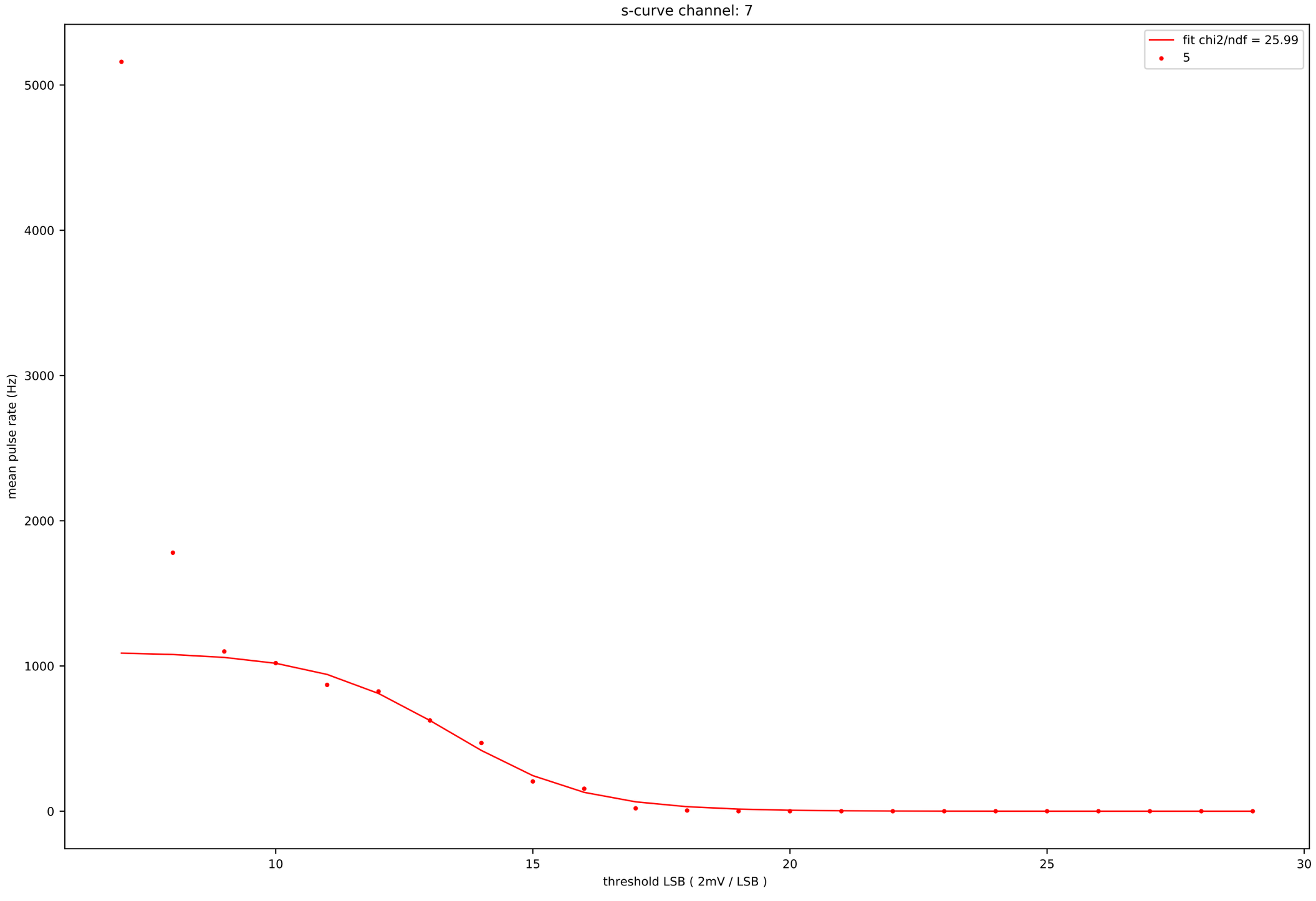

s-curve channel: 7
fit chi2/ndf = 28.75
0
50000
40000
30000
20000
10000
0
mean pulse rate (Hz)
10
15
20
25
30
threshold LSB (2mV / LSB)

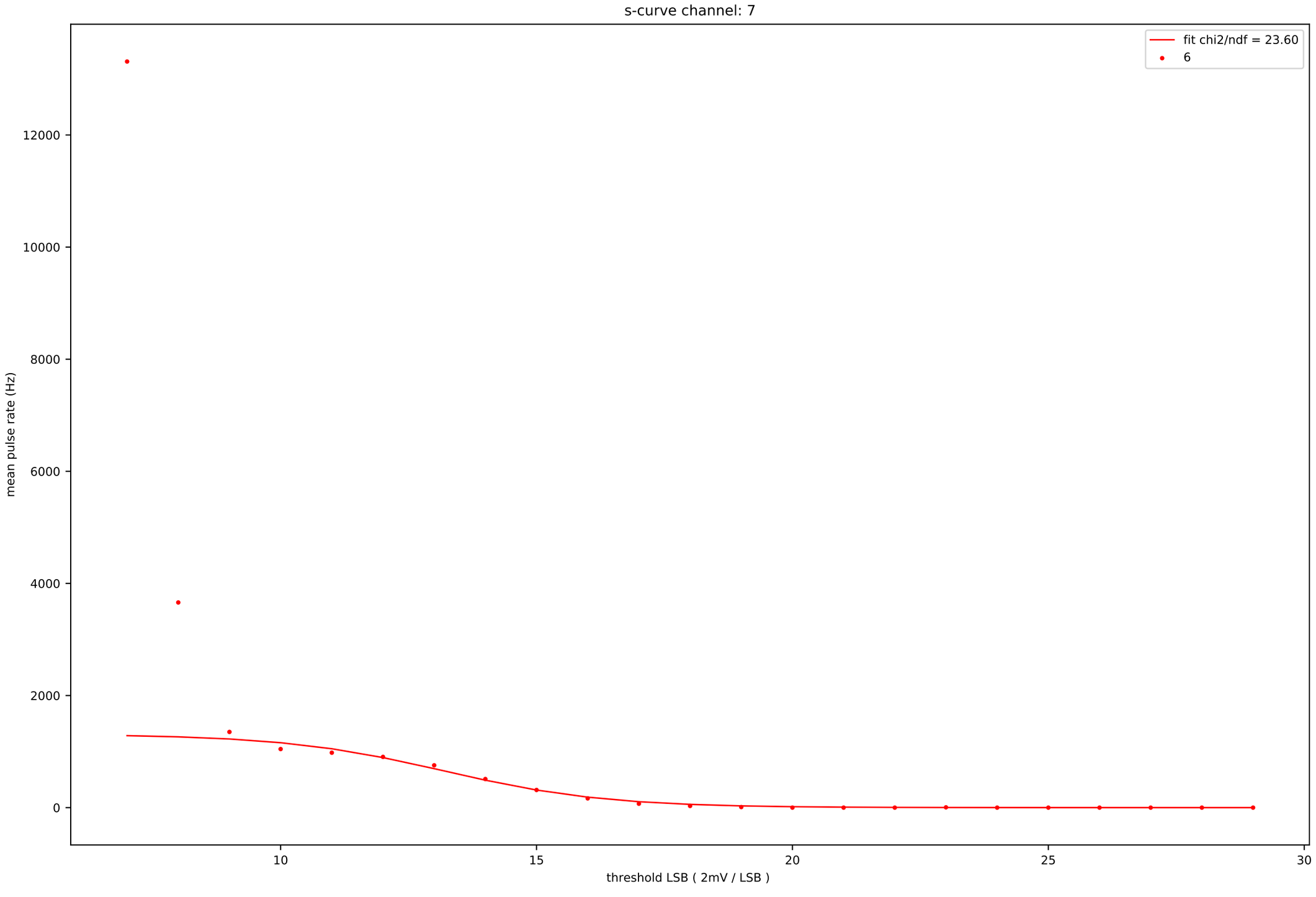

s-curve channel: 7
fit chi2/ndf = 18.50
1
mean pulse rate (Hz)
40000
35000
30000
25000
20000
15000
10000
5000
0
10
15
20
25
30
threshold LSB (2mV / LSB)

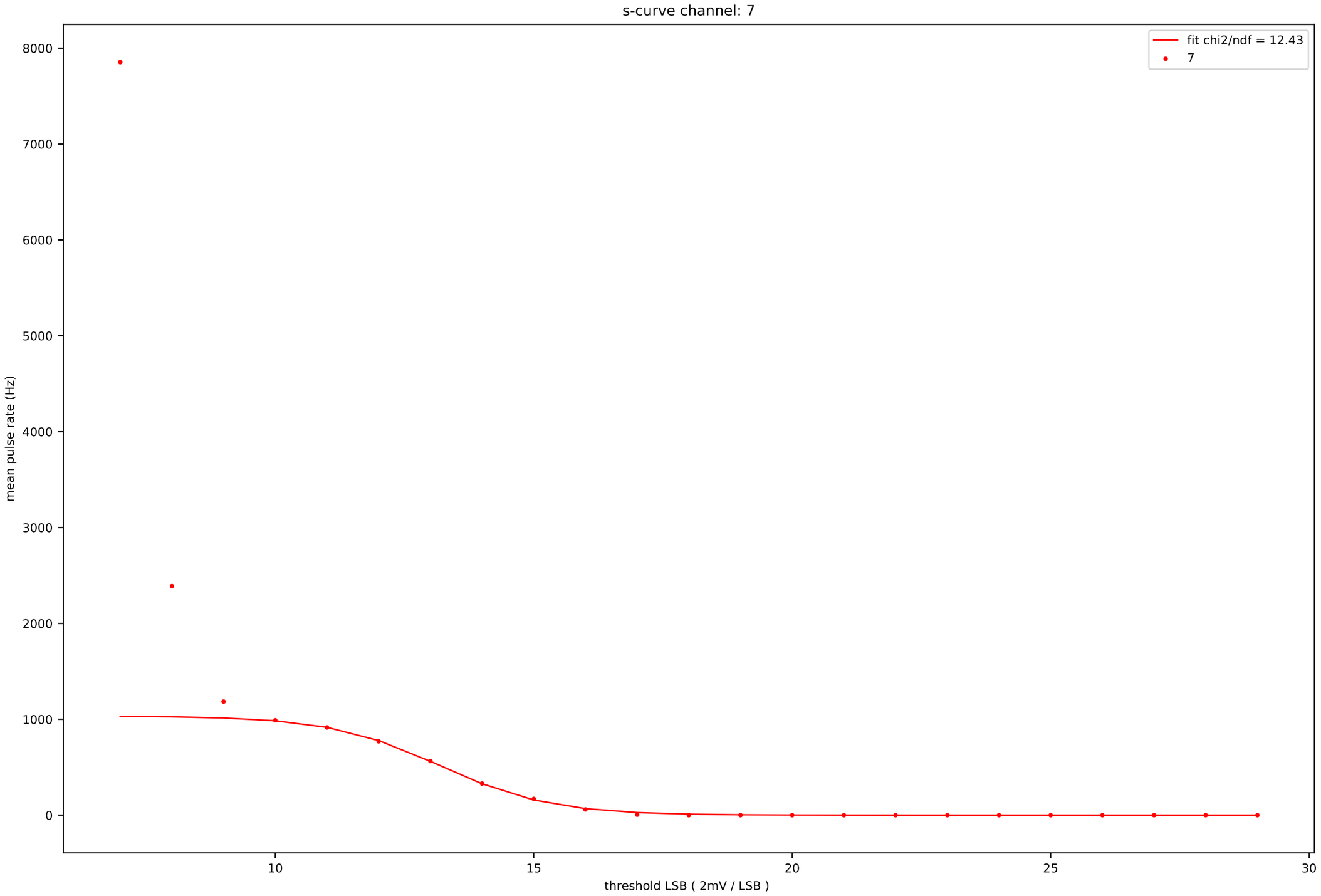

s-curve channel: 7
fit chi2/ndf = 14.25
2
25000
20000
15000
10000
5000
0
mean pulse rate (Hz)
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 12.50
3
mean pulse rate (Hz)
30000
25000
20000
15000
10000
5000
0
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 11.25
4
mean pulse rate (Hz)
20000
17500
15000
12500
10000
7500
5000
2500
0
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 25.99
5
mean pulse rate (Hz)
5000
4000
3000
2000
1000
0
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 23.60
6
mean pulse rate (Hz)
12000
10000
8000
6000
4000
2000
0
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 12.43
7
8000
7000
6000
5000
4000
3000
2000
1000
0
mean pulse rate (Hz)
10
15
20
25
30
threshold LSB (2mV / LSB)