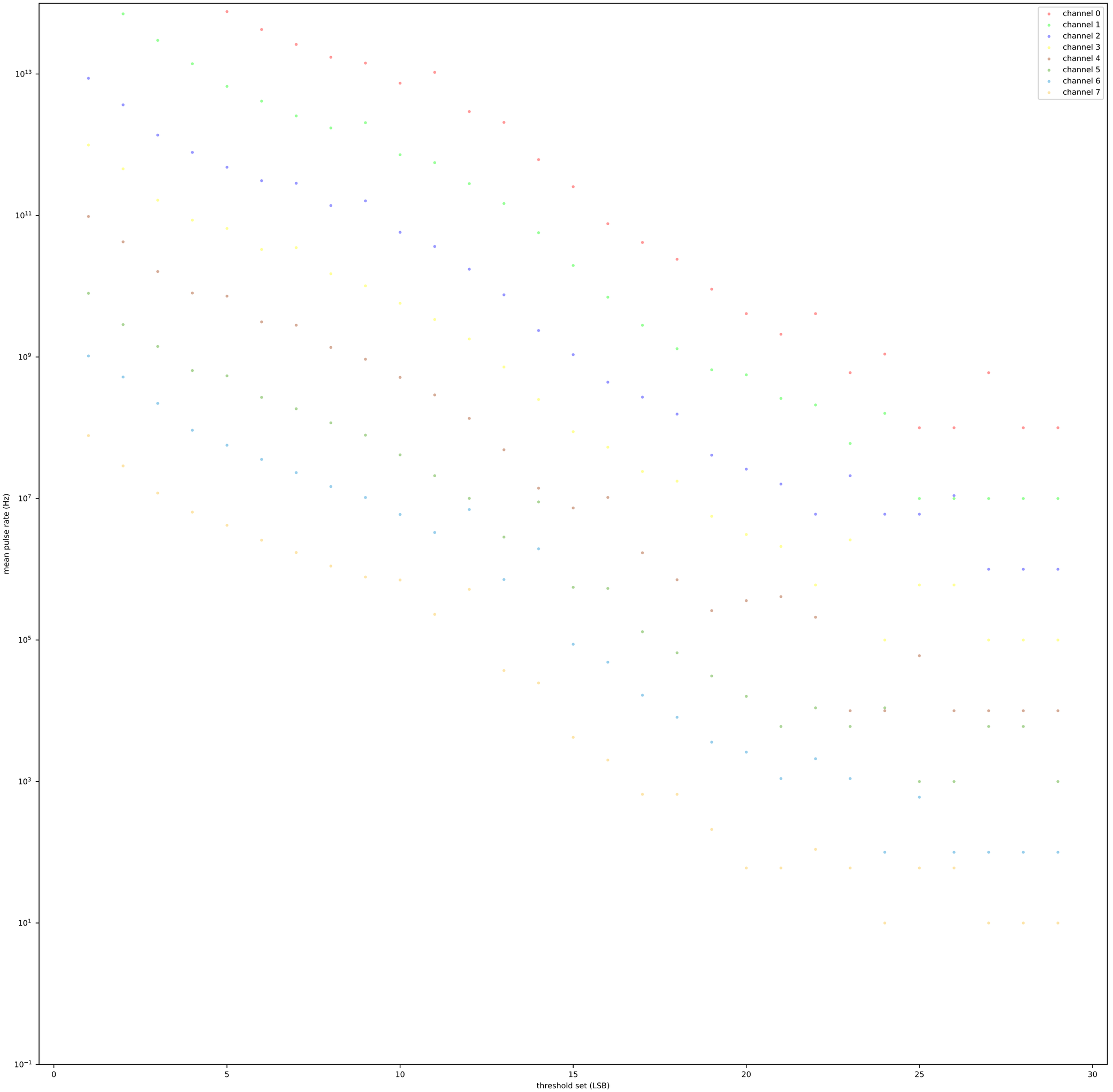
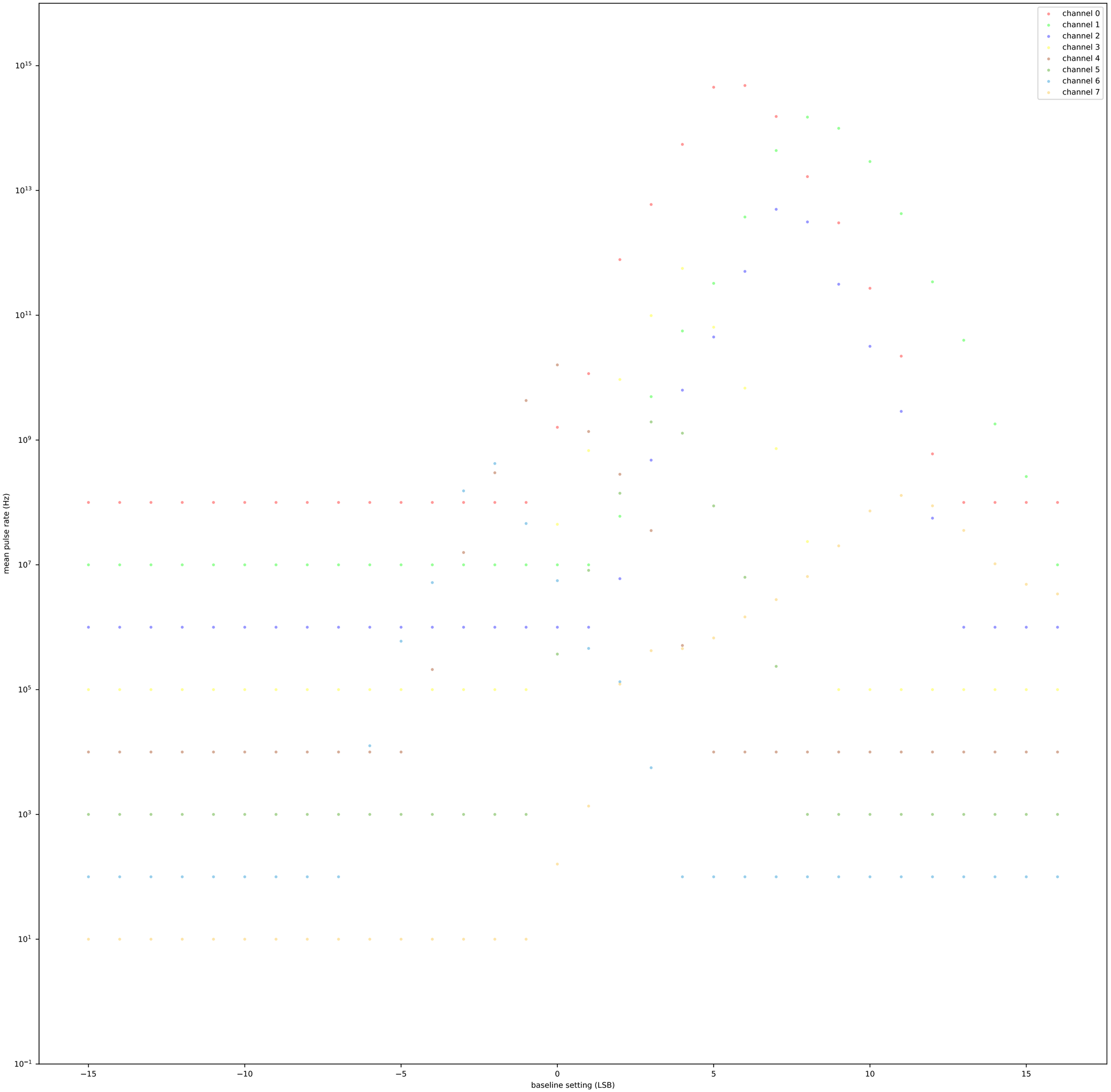
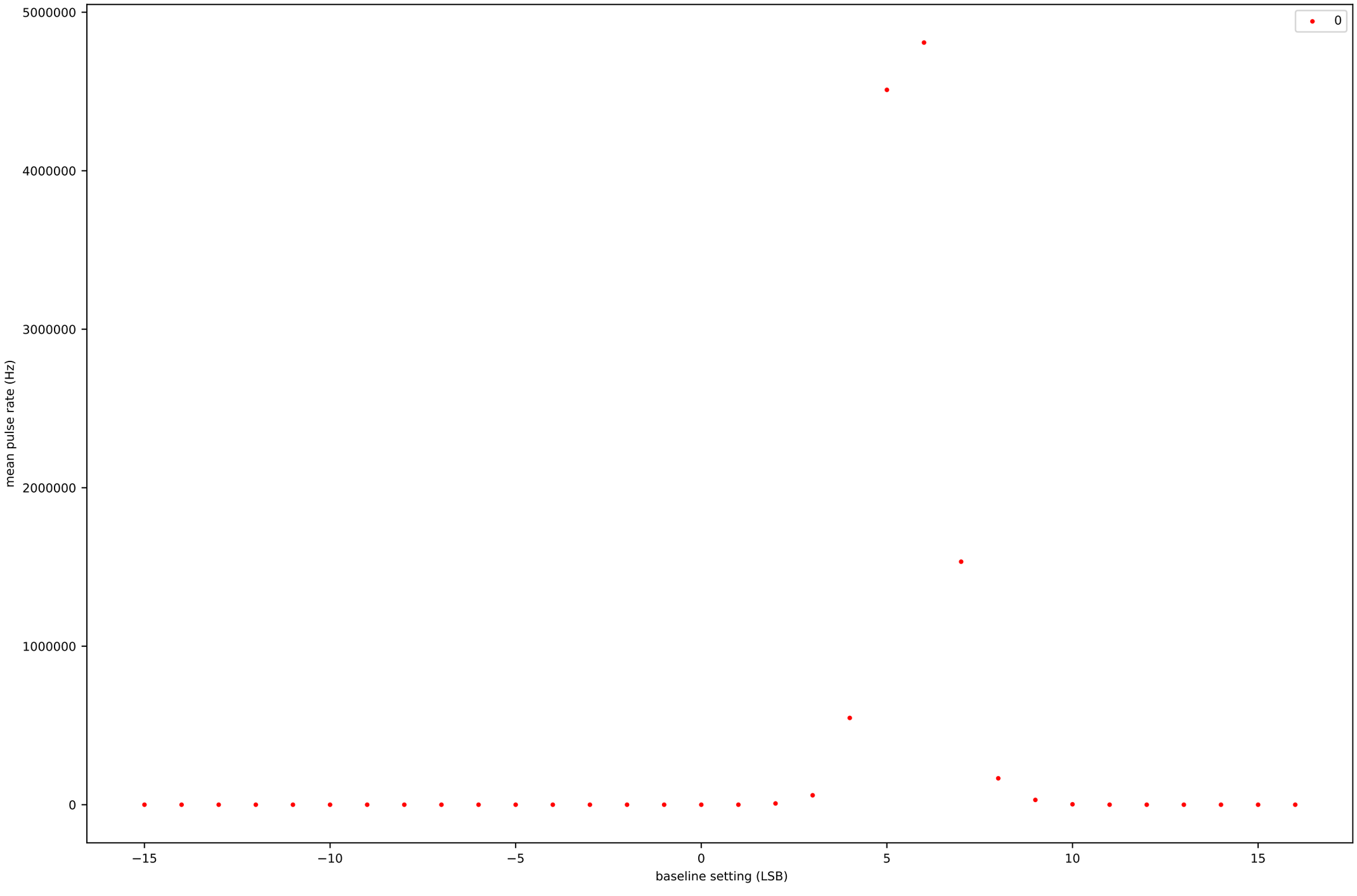
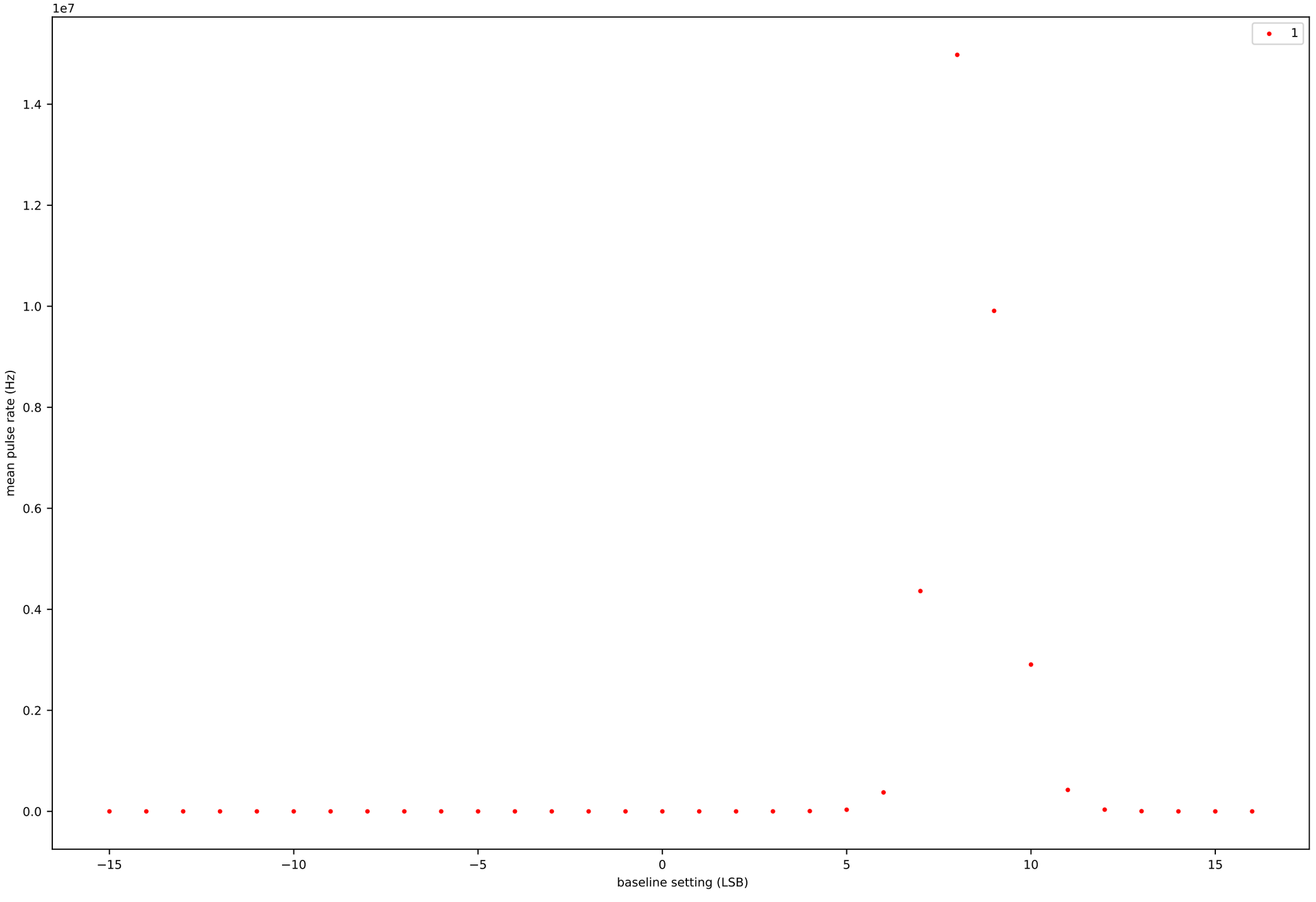
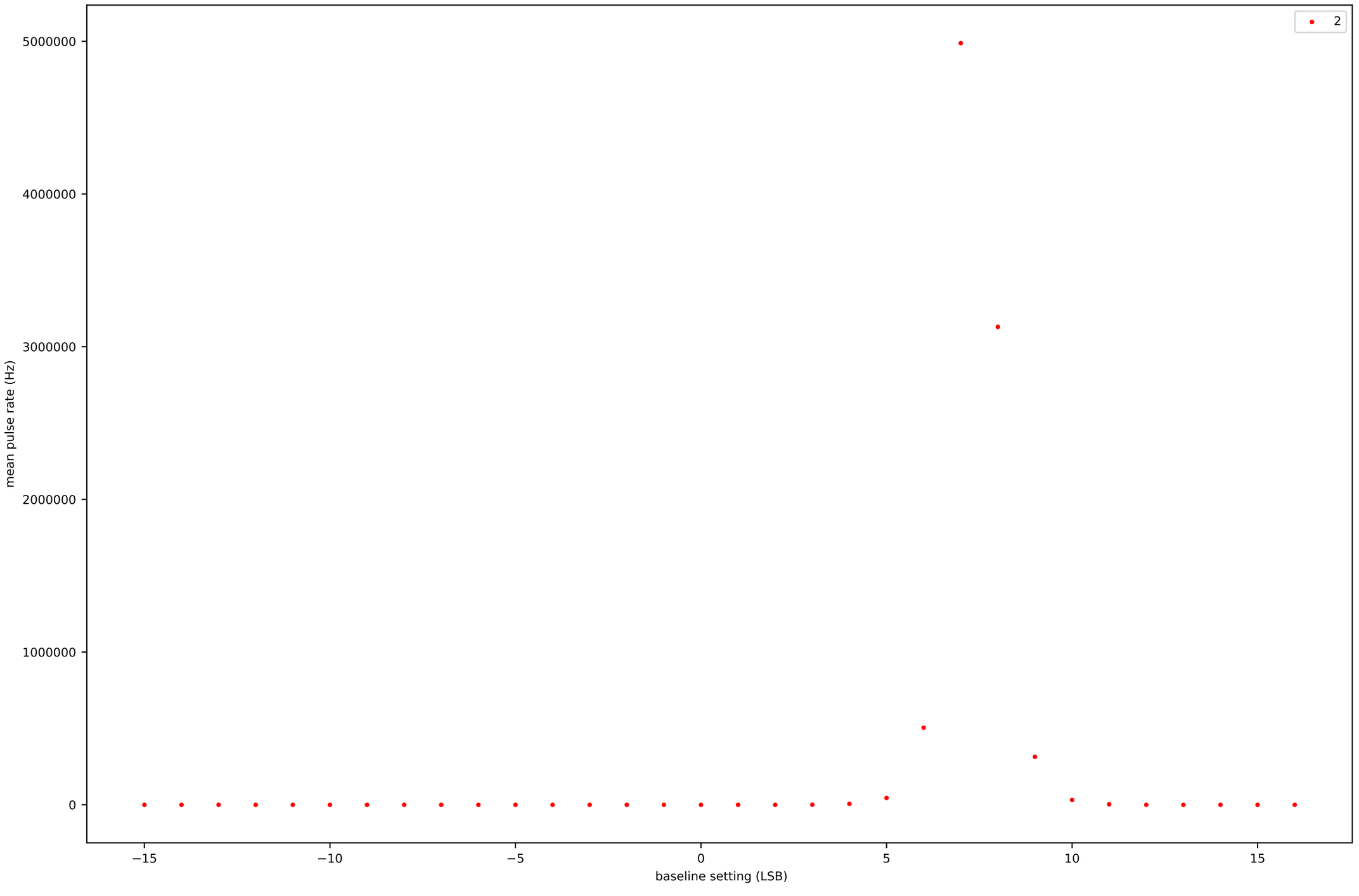
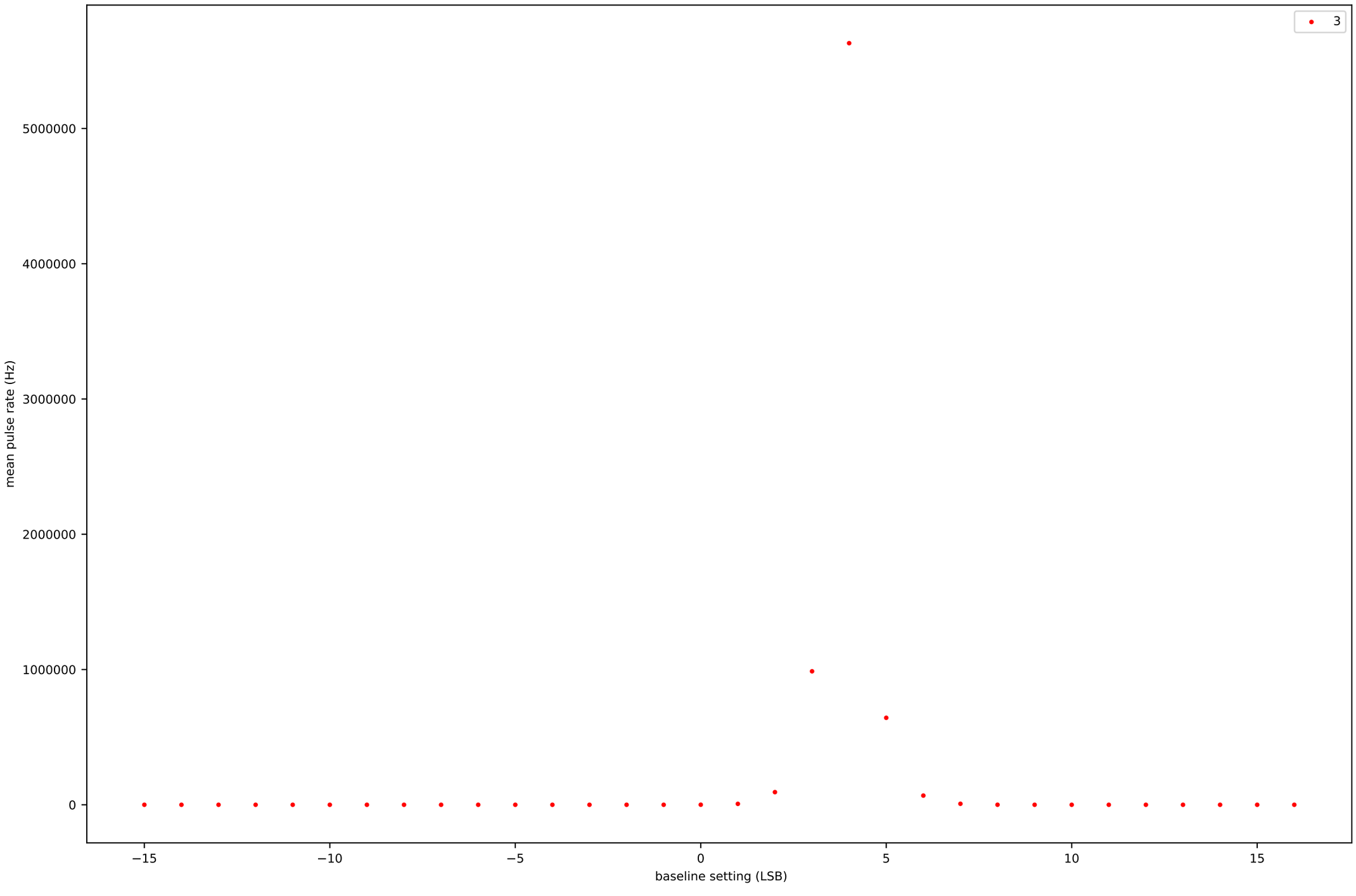

channel 0
channel 1
channel 2
channel 3
channel 4
channel 5
channel 6
channel 7
mean pulse rate (Hz)
10^{13}
10^{11}
10^{9}
10^{7}
10^{5}
10^{3}
10^{1}
10^{-1}
0
5
10
15
20
25
30
threshold set (LSB)

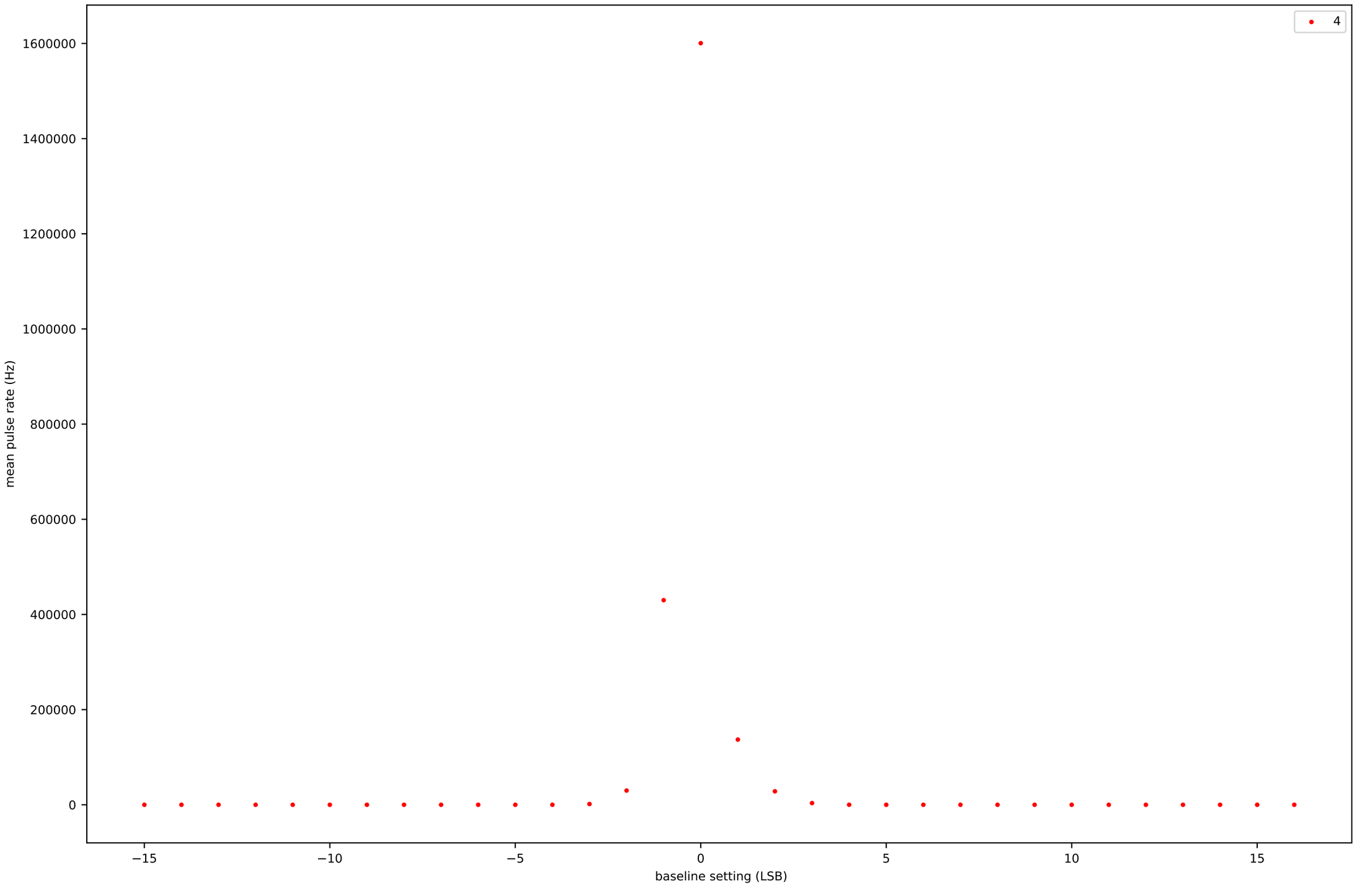

channel 0
channel 1
channel 2
channel 3
channel 4
channel 5
channel 6
channel 7
mean pulse rate (Hz)
10^{15}
10^{13}
10^{11}
10^{9}
10^{7}
10^{5}
10^{3}
10^{1}
10^{-1}
−15
−10
−5
0
5
10
15
baseline setting (LSB)

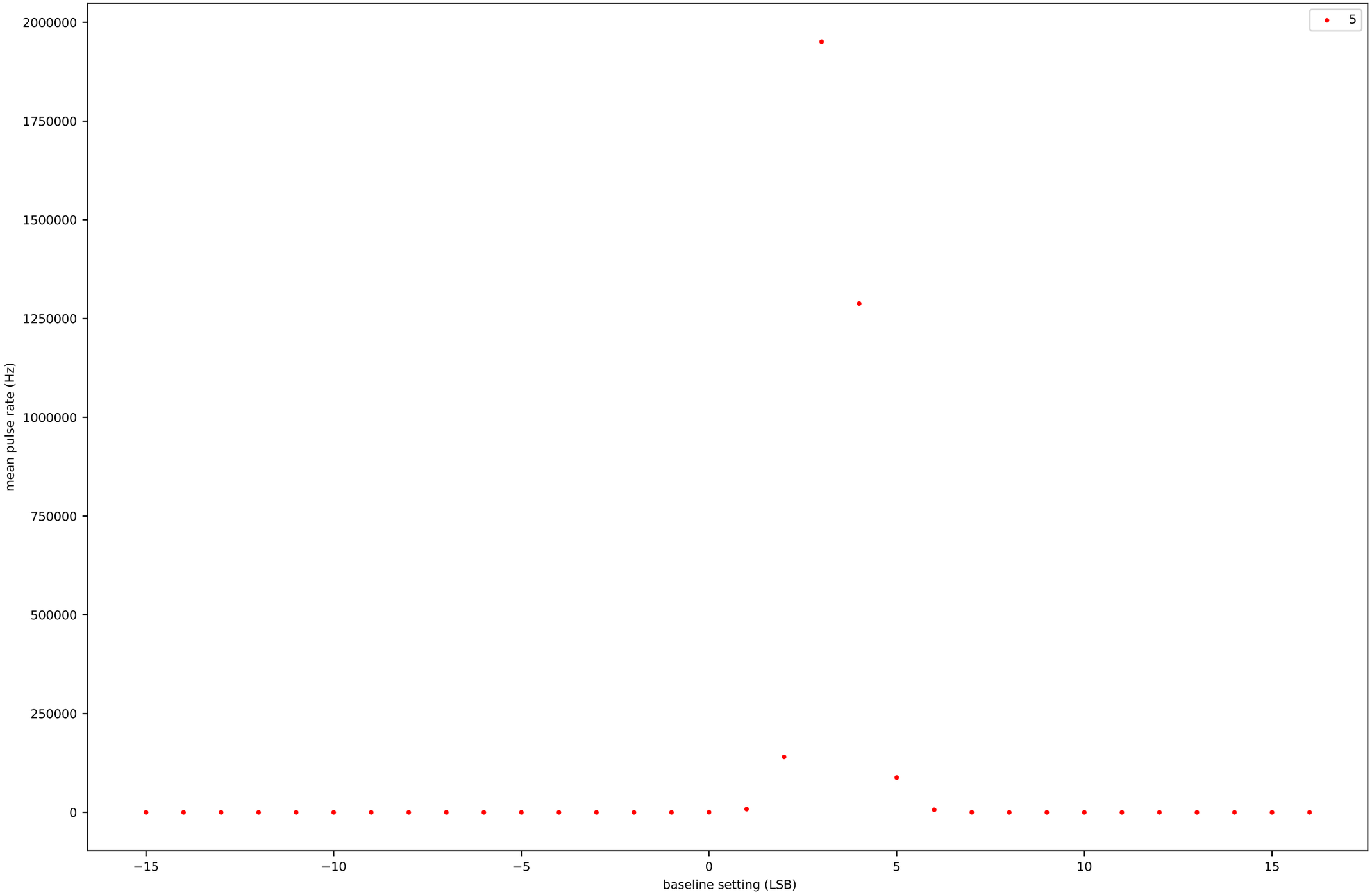

0
5000000
4000000
3000000
2000000
1000000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

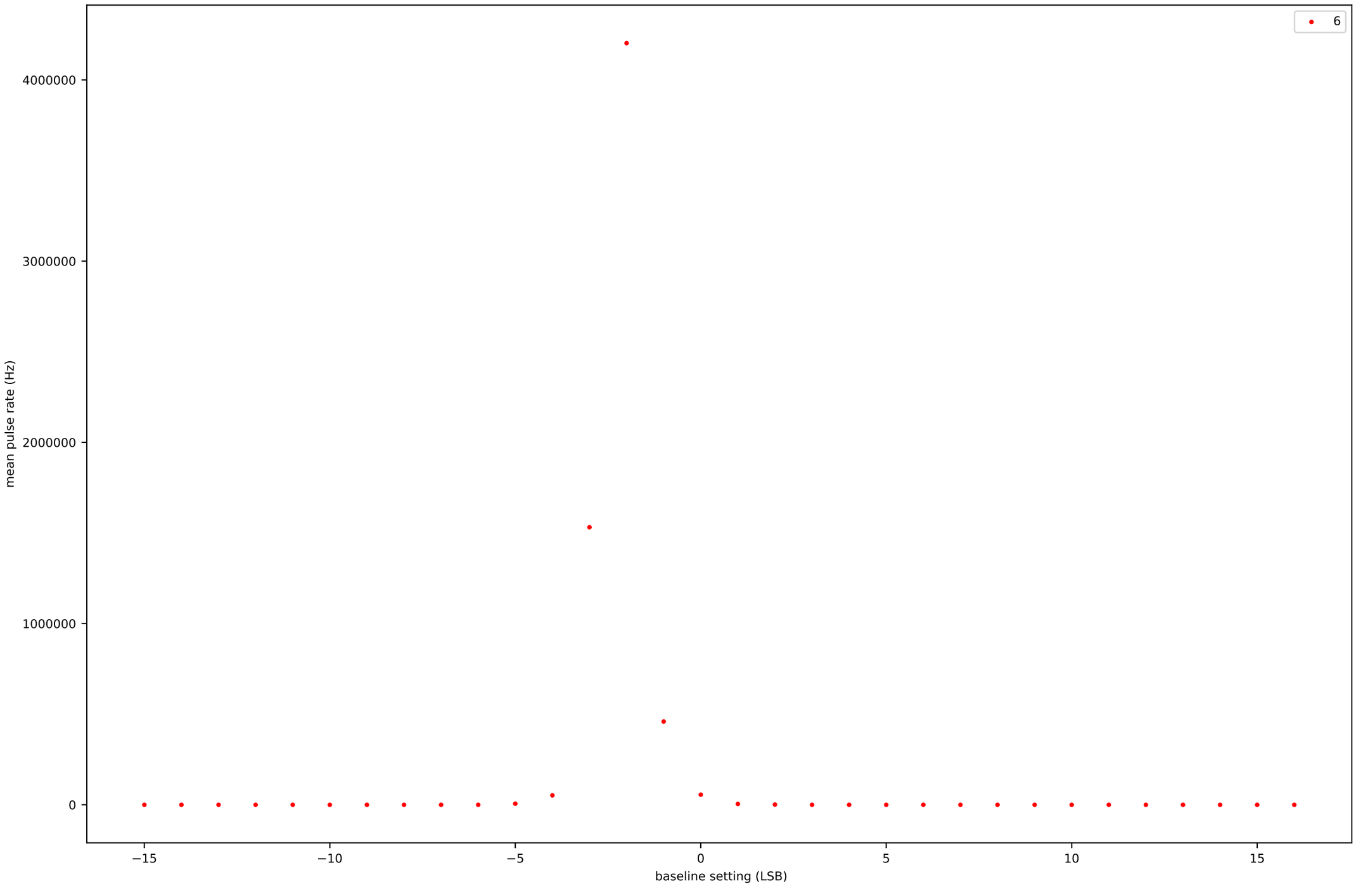

1e7
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)
1

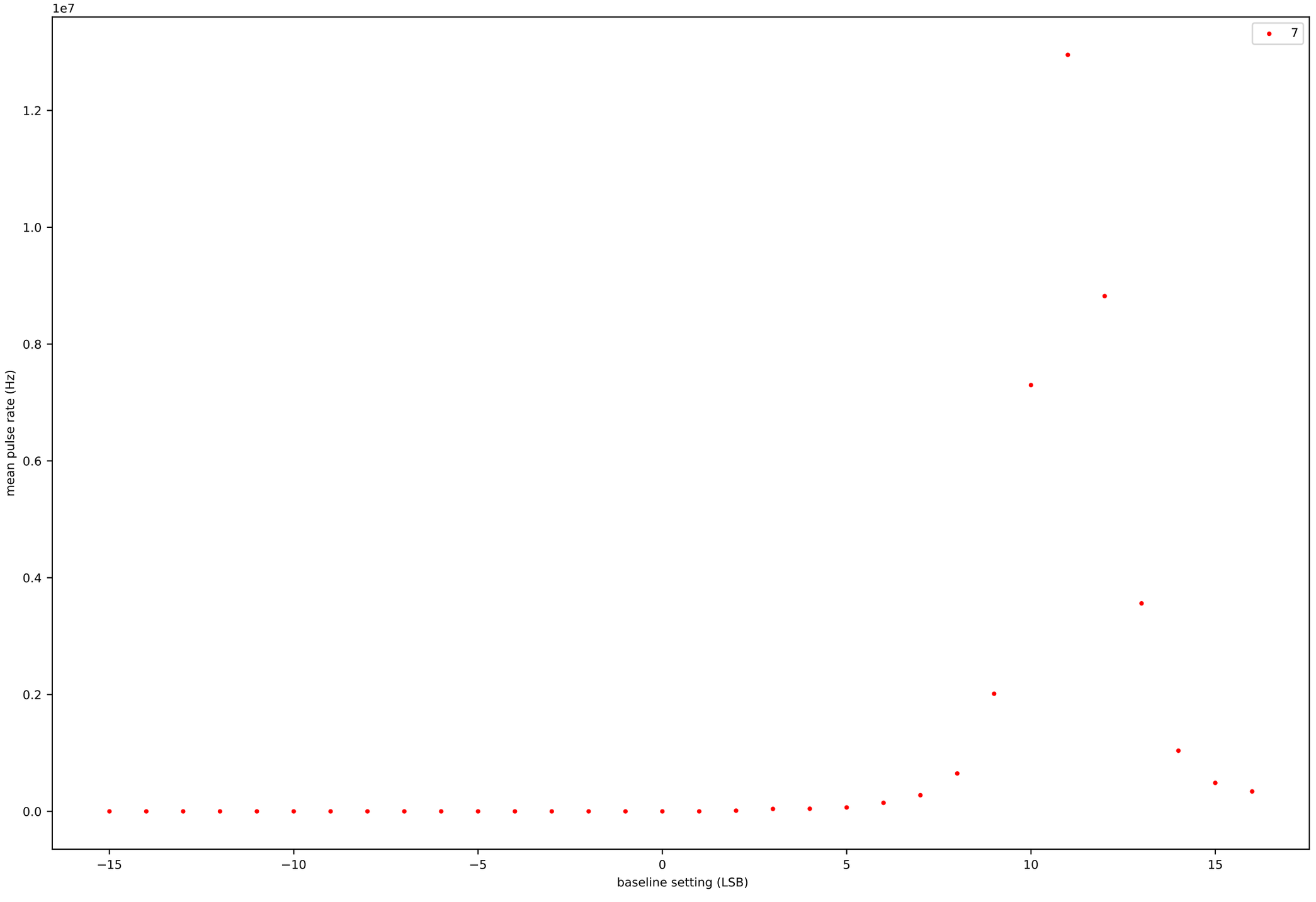

2
5000000
4000000
3000000
2000000
1000000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

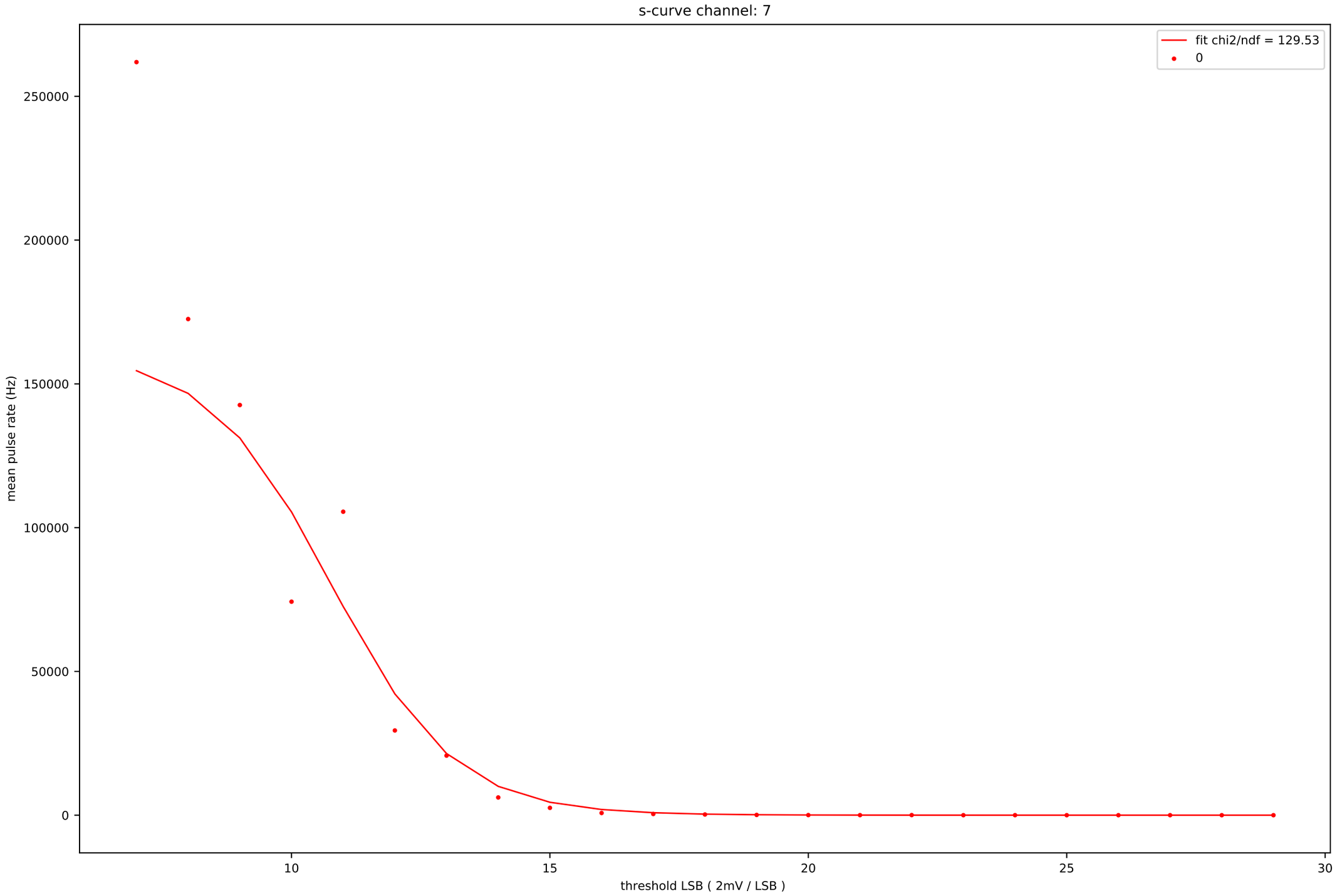

3
5000000
4000000
3000000
2000000
1000000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

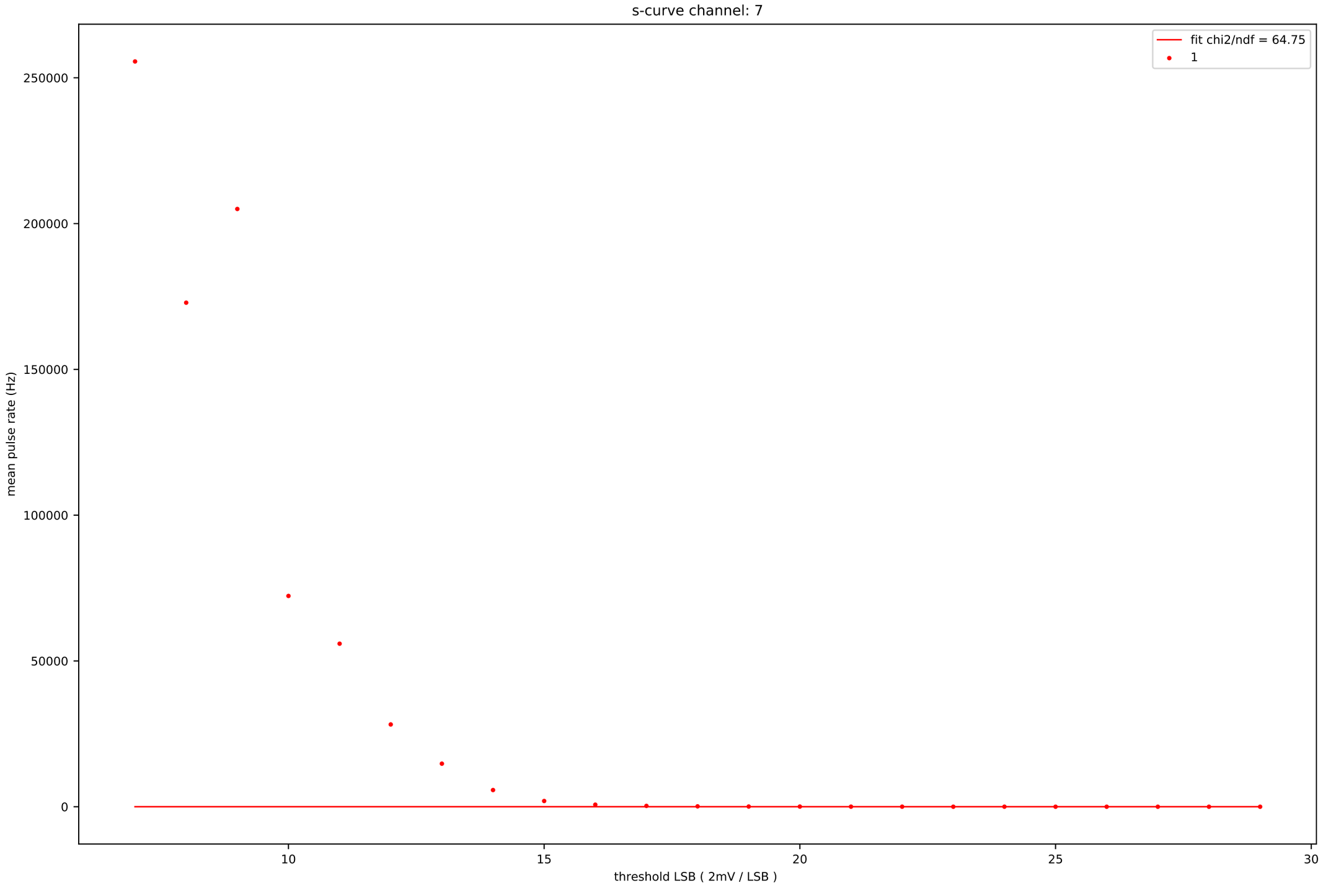

4
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

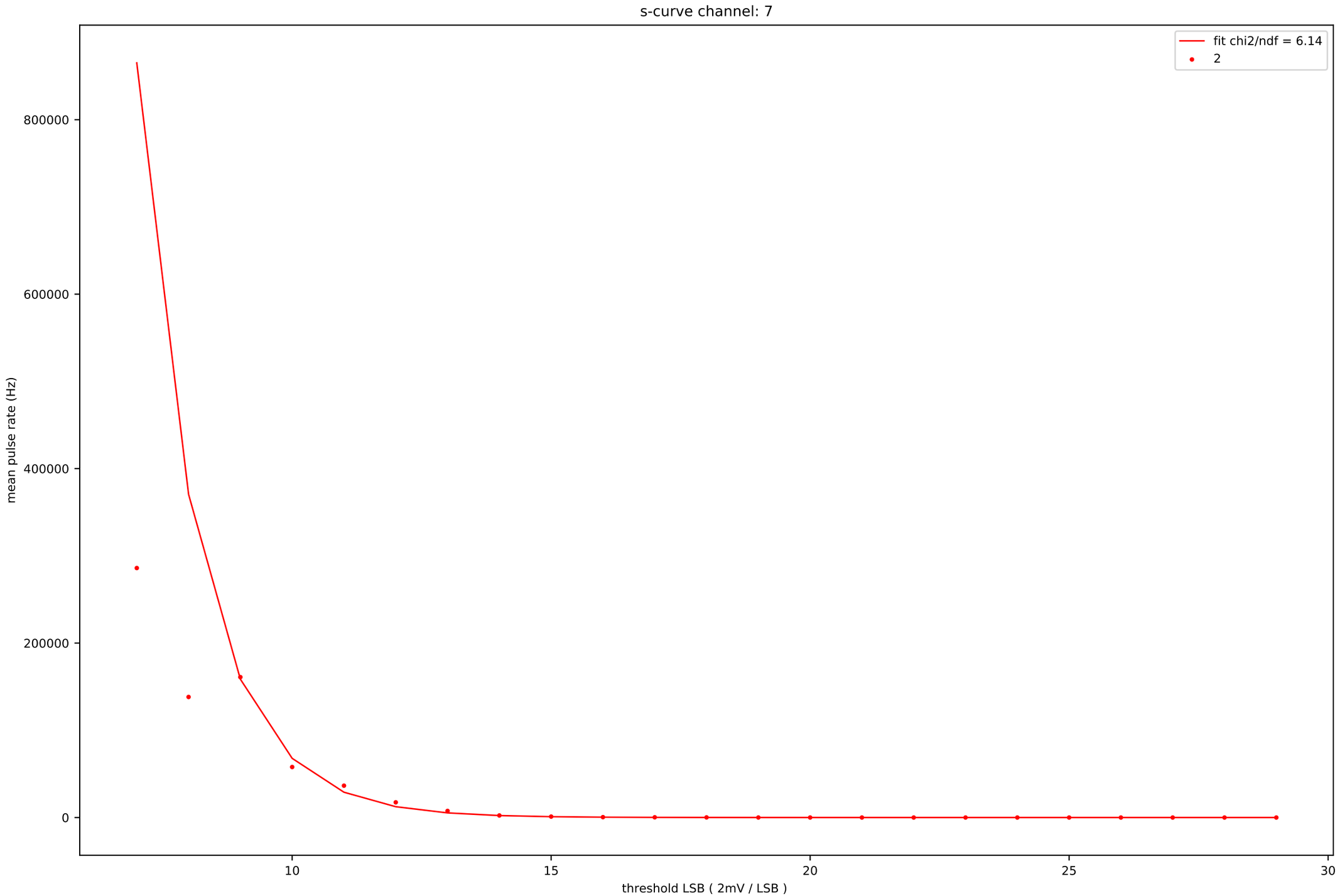

5
2000000
1750000
1500000
1250000
1000000
750000
500000
250000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

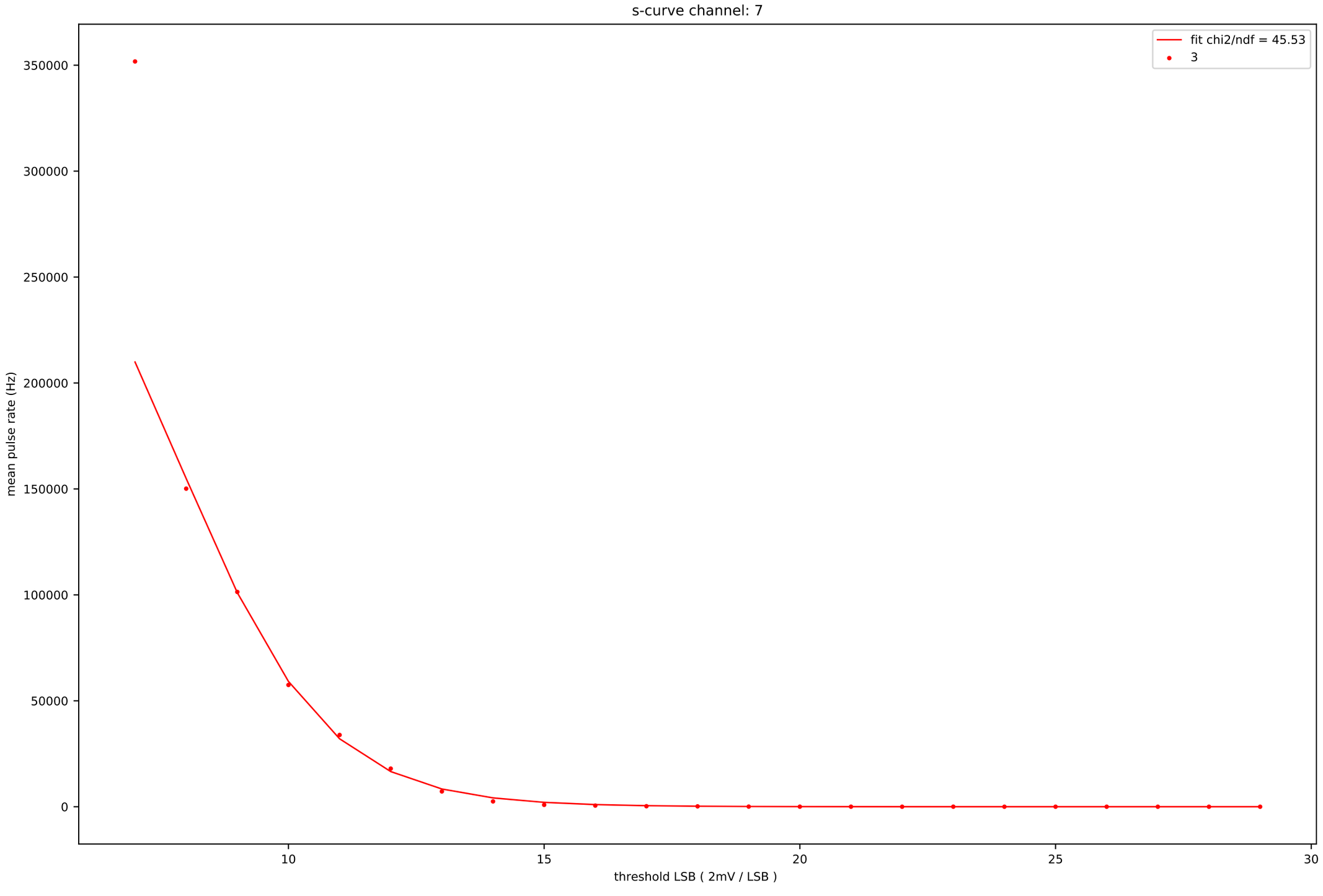

6
4000000
3000000
2000000
1000000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

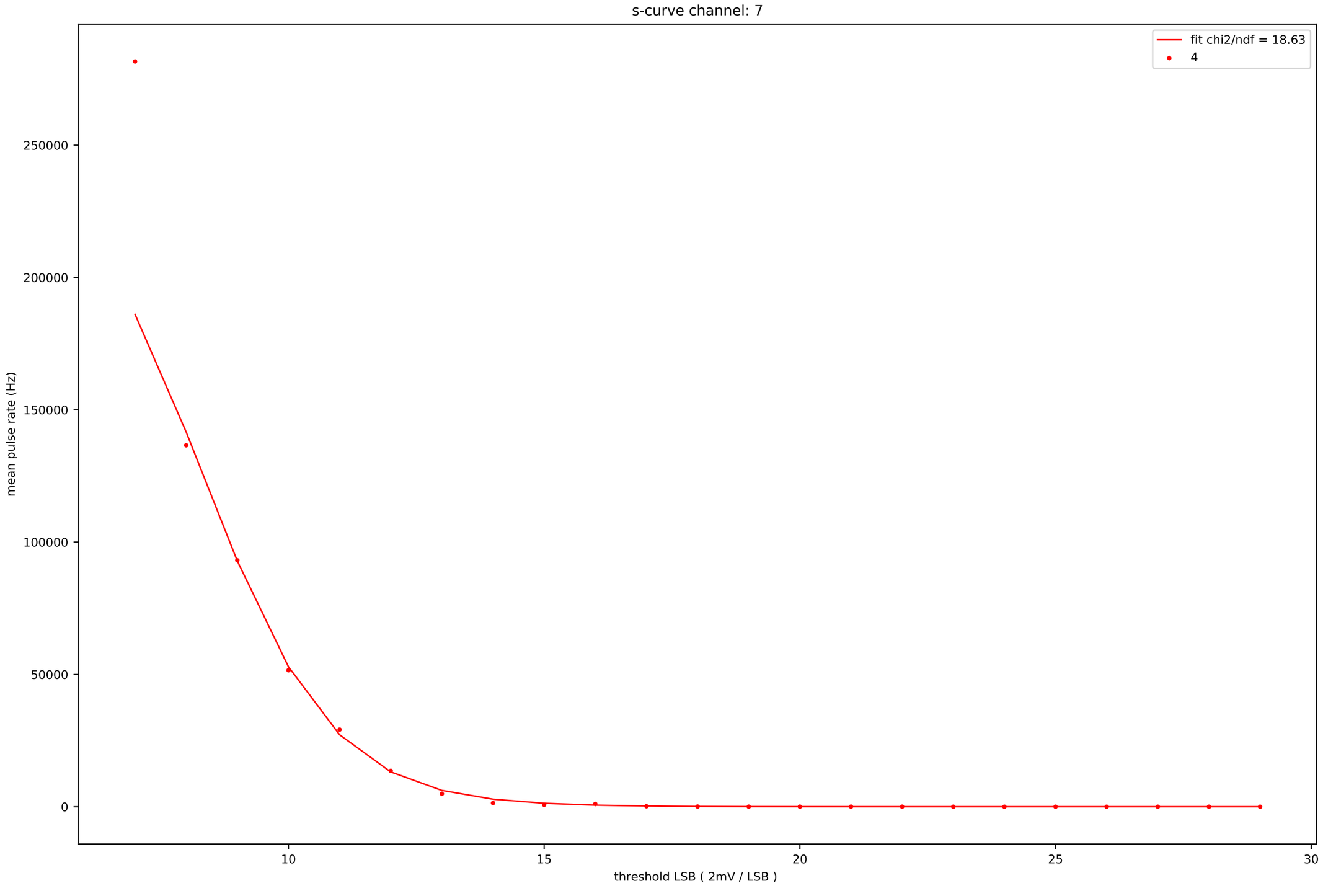

1e7
1.2
1.0
0.8
0.6
0.4
0.2
0.0
mean pulse rate (Hz)
7
−15
−10
−5
0
5
10
15
baseline setting (LSB)

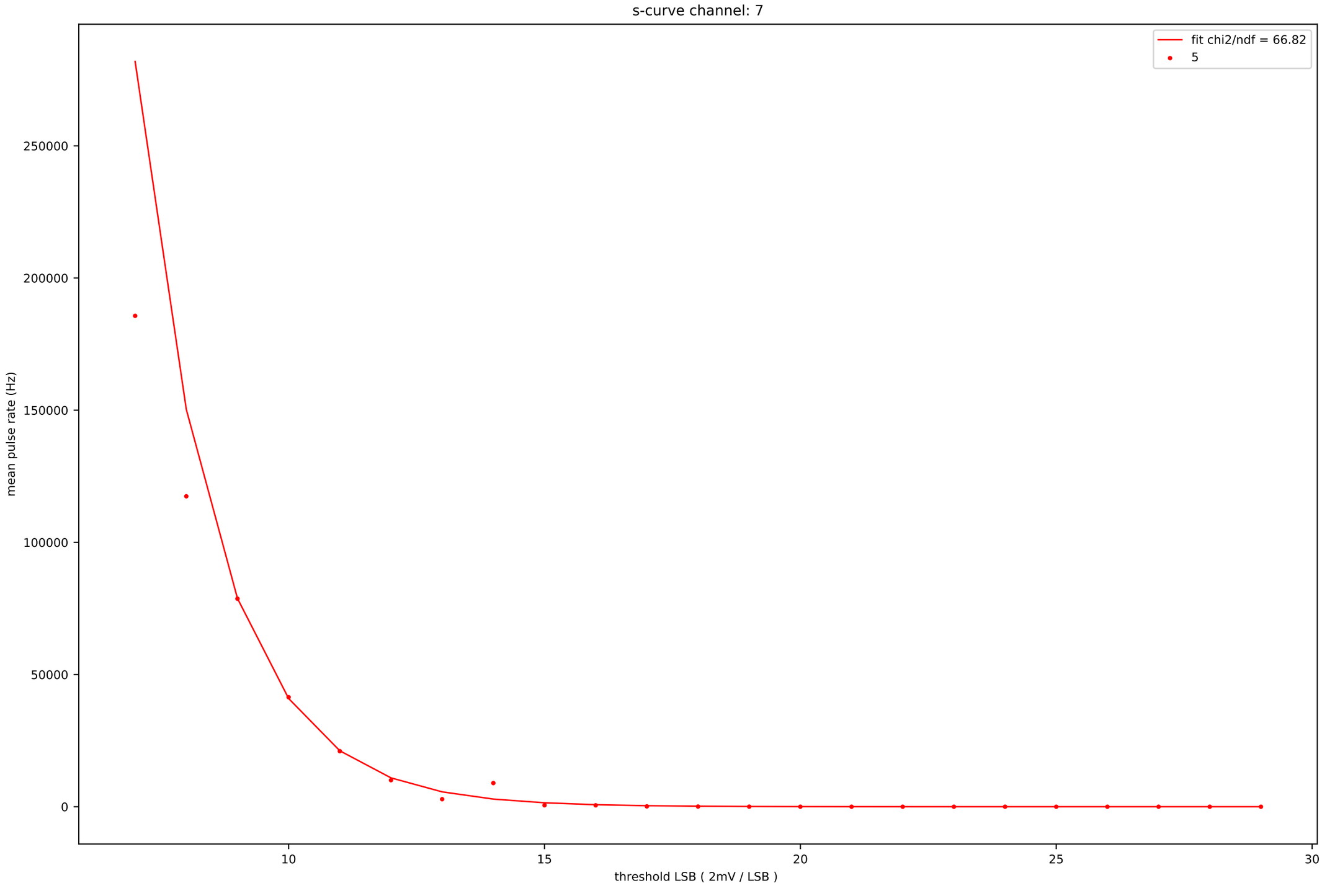

s-curve channel: 7
fit chi2/ndf = 129.53
0
250000
200000
150000
100000
50000
0
mean pulse rate (Hz)
10
15
20
25
30
threshold LSB (2mV / LSB)

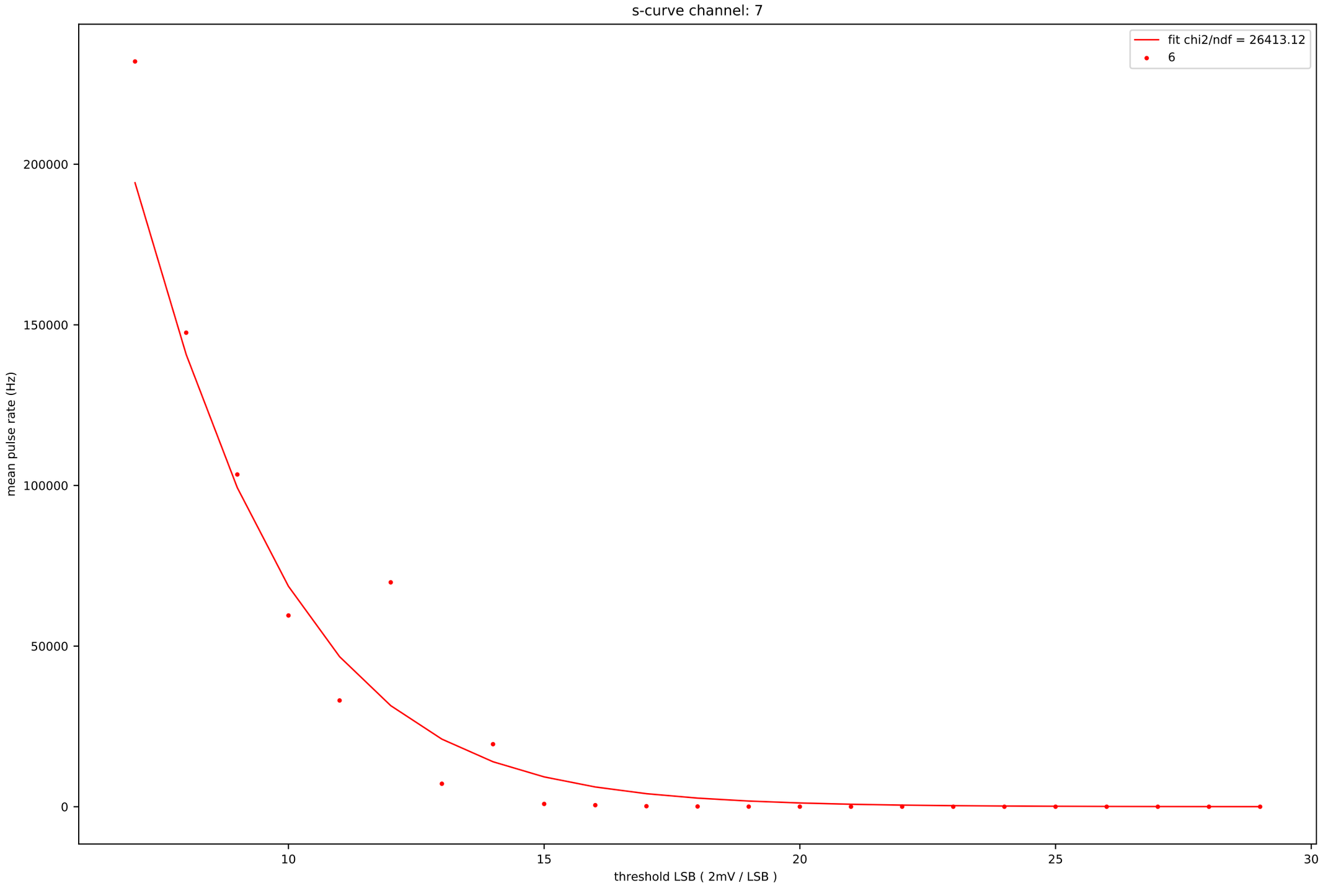

s-curve channel: 7
fit chi2/ndf = 64.75
1
250000
200000
150000
100000
50000
0
mean pulse rate (Hz)
10
15
20
25
30
threshold LSB (2mV / LSB)

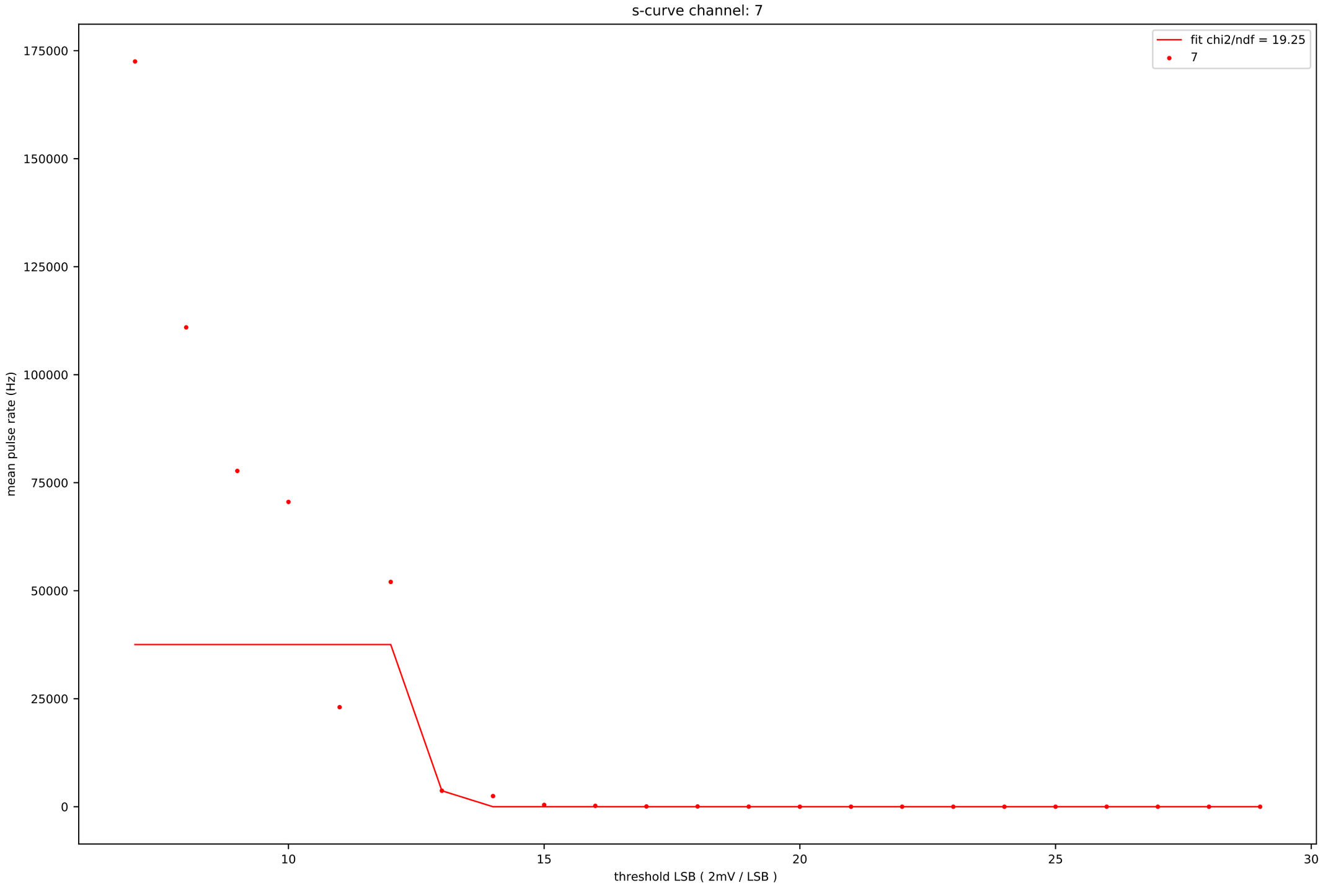

s-curve channel: 7
fit chi2/ndf = 6.14
2
800000
600000
400000
200000
0
mean pulse rate (Hz)
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 45.53
3
350000
300000
250000
200000
150000
100000
50000
0
mean pulse rate (Hz)
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 18.63
4
mean pulse rate (Hz)
250000
200000
150000
100000
50000
0
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 66.82
5
mean pulse rate (Hz)
250000
200000
150000
100000
50000
0
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 26413.12
6
200000
150000
100000
50000
0
mean pulse rate (Hz)
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 19.25
7
175000
150000
125000
100000
75000
50000
25000
0
mean pulse rate (Hz)
10
15
20
25
30
threshold LSB (2mV / LSB)