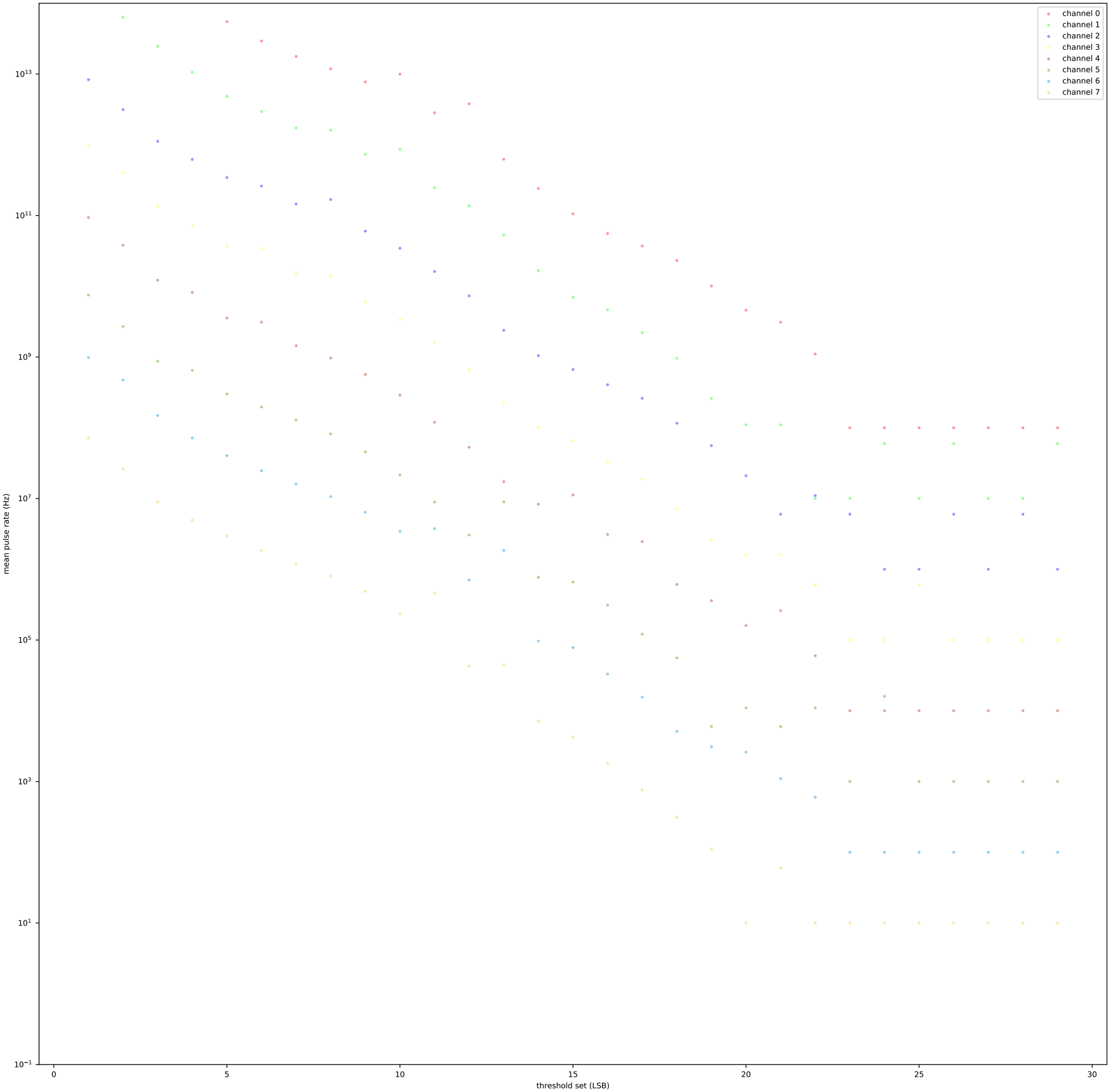
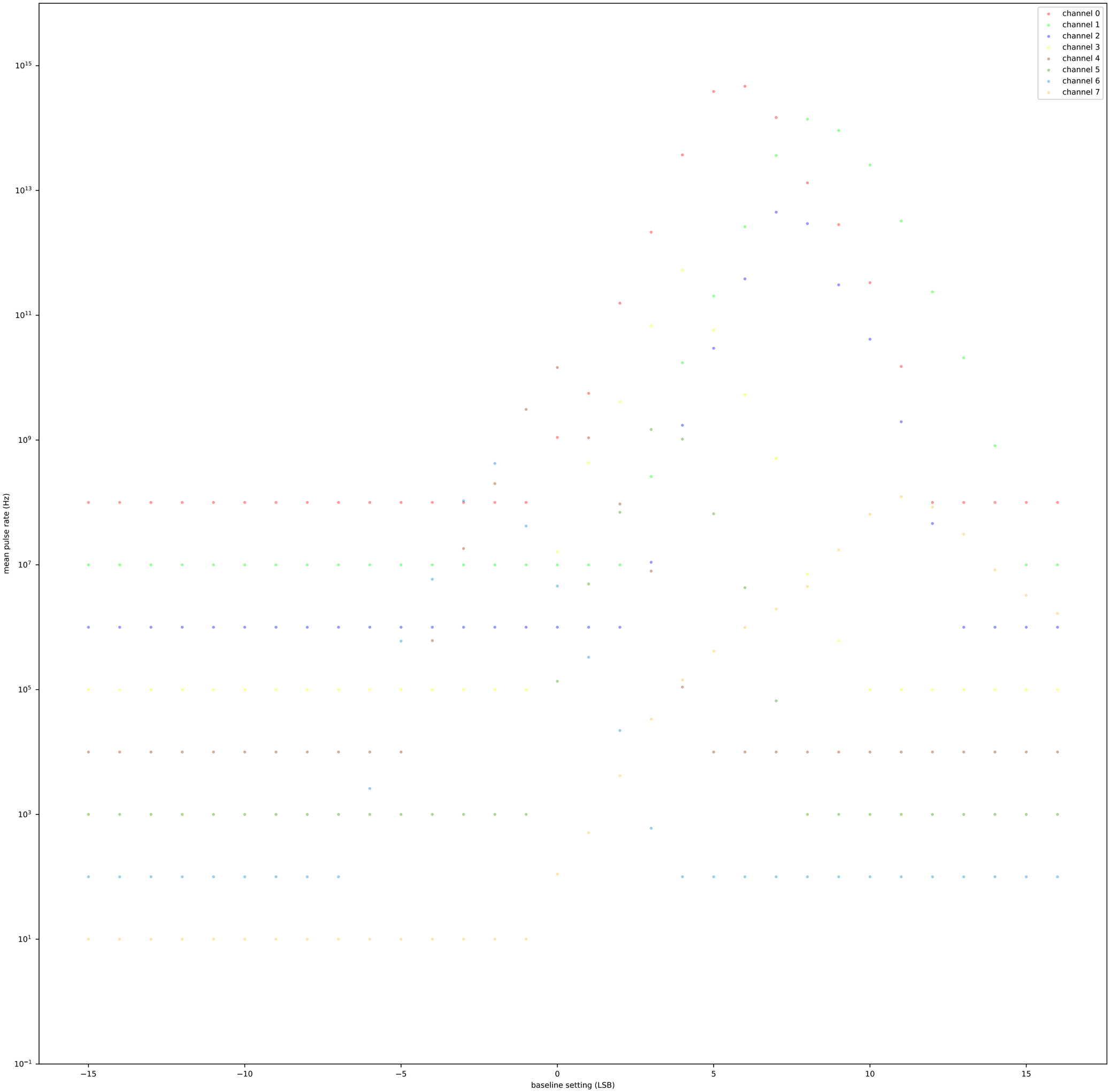
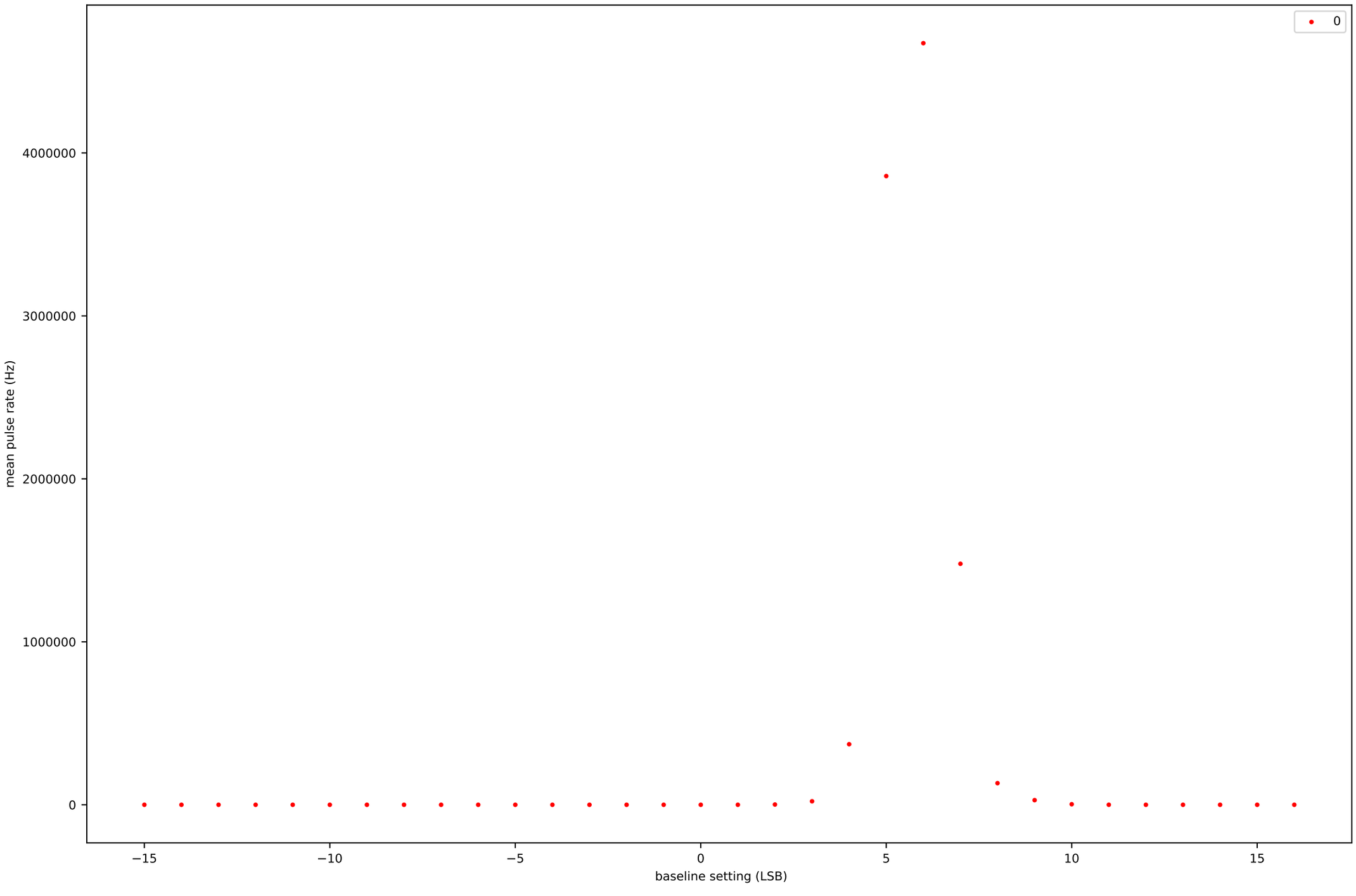
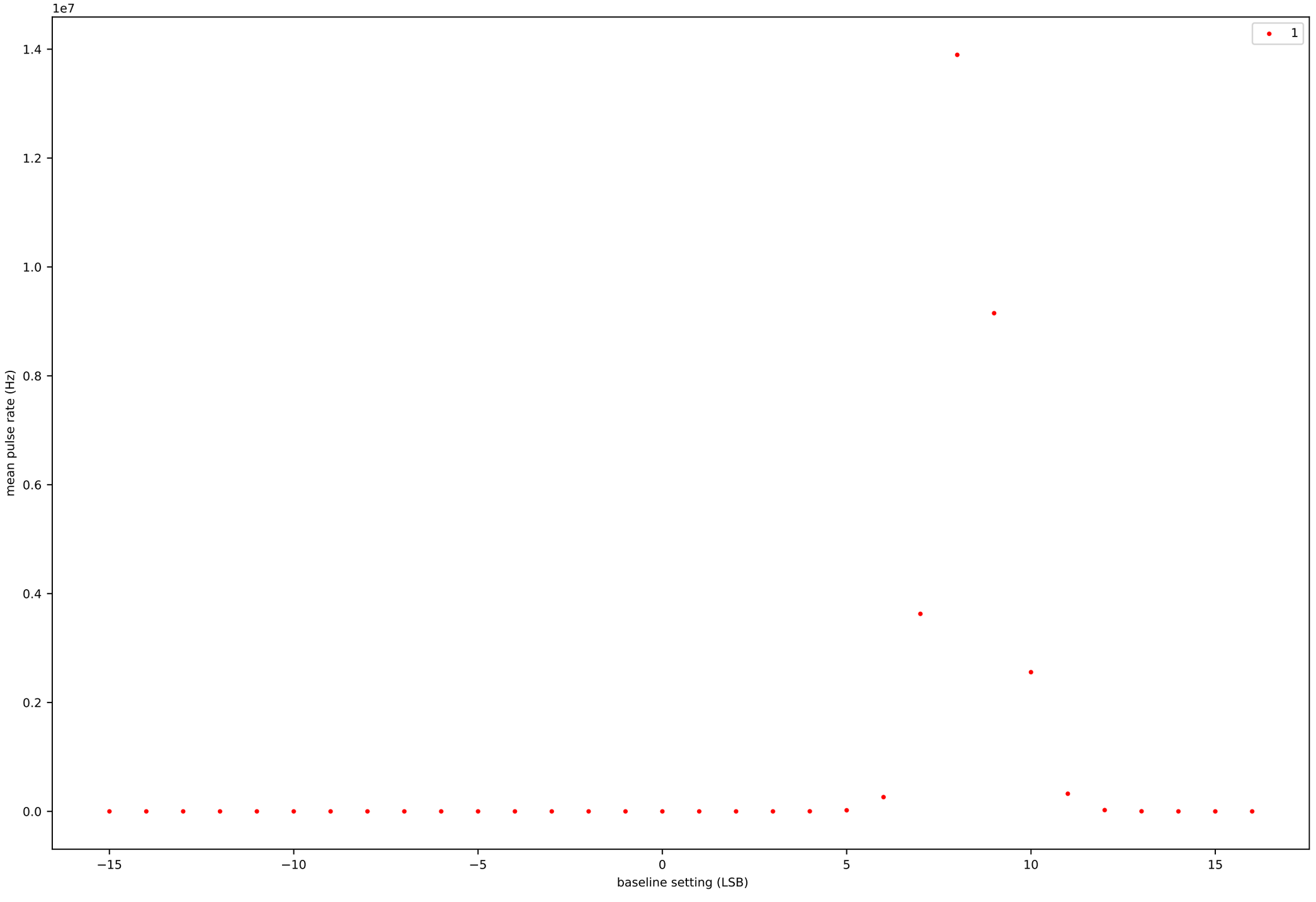
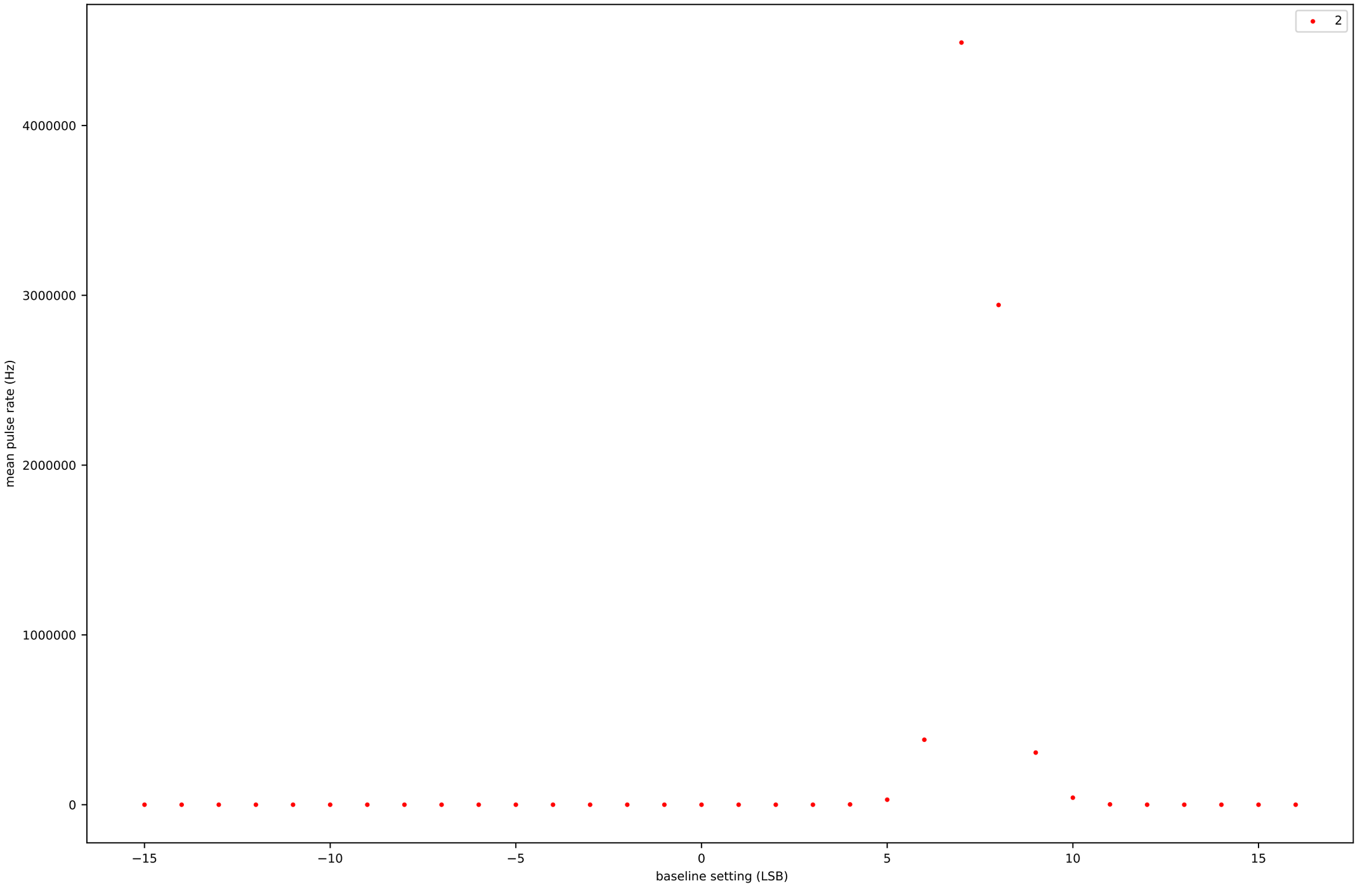
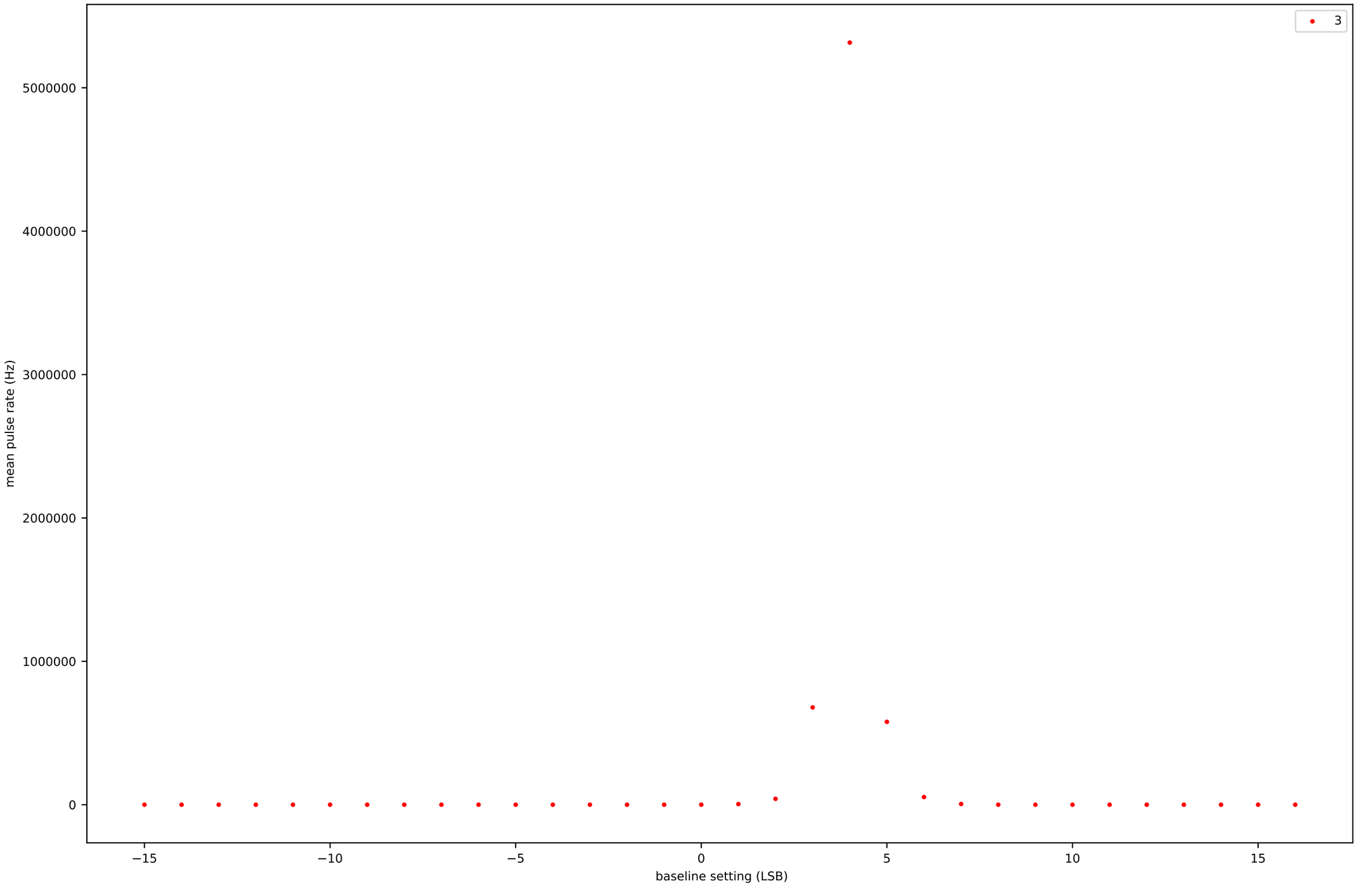

channel 0
channel 1
channel 2
channel 3
channel 4
channel 5
channel 6
channel 7
mean pulse rate (Hz)
10^{13}
10^{11}
10^{9}
10^{7}
10^{5}
10^{3}
10^{1}
10^{-1}
0
5
10
15
20
25
30
threshold set (LSB)

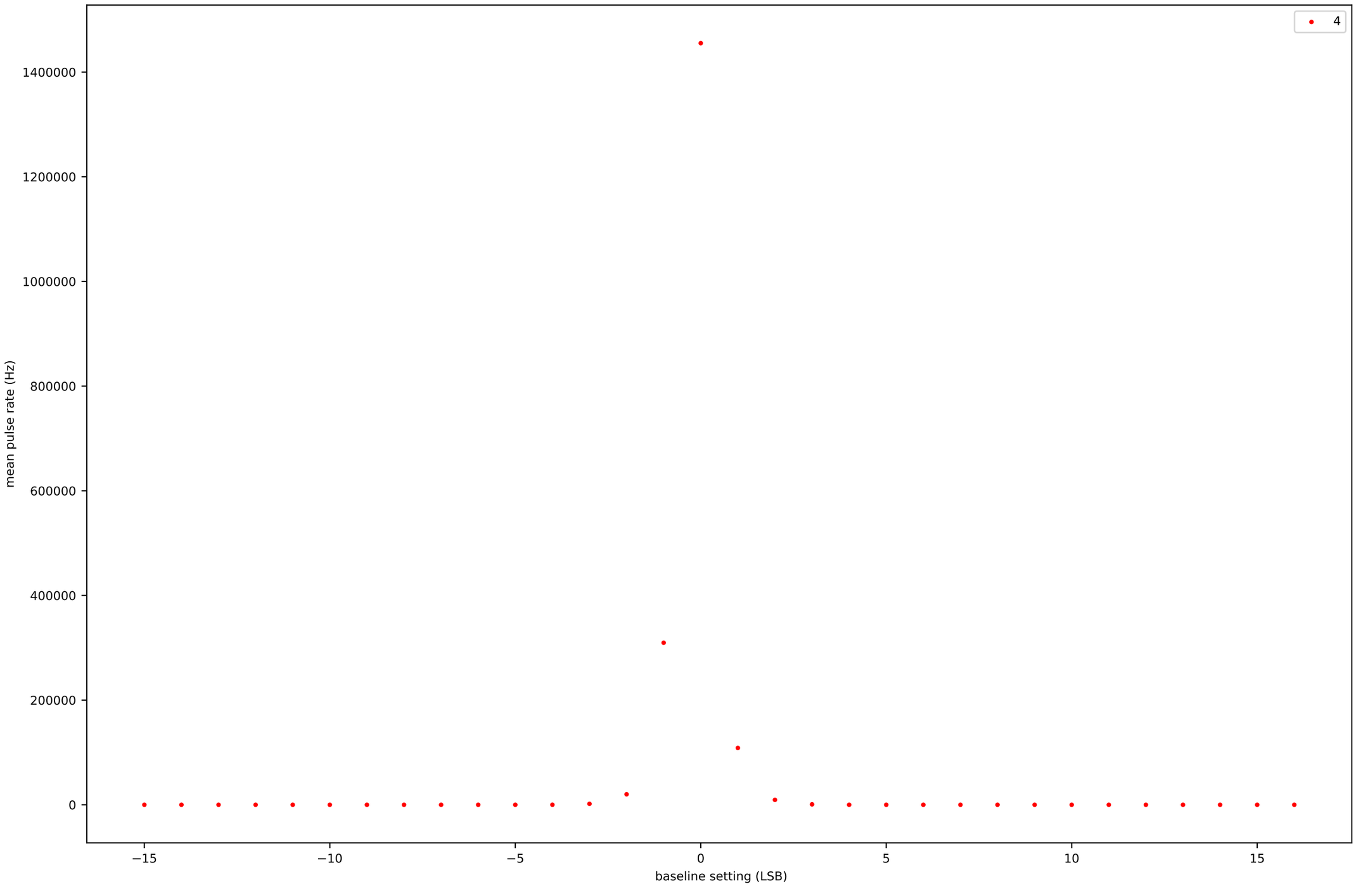

channel 0
channel 1
channel 2
channel 3
channel 4
channel 5
channel 6
channel 7
mean pulse rate (Hz)
10^{15}
10^{13}
10^{11}
10^{9}
10^{7}
10^{5}
10^{3}
10^{1}
10^{-1}
−15
−10
−5
0
5
10
15
baseline setting (LSB)

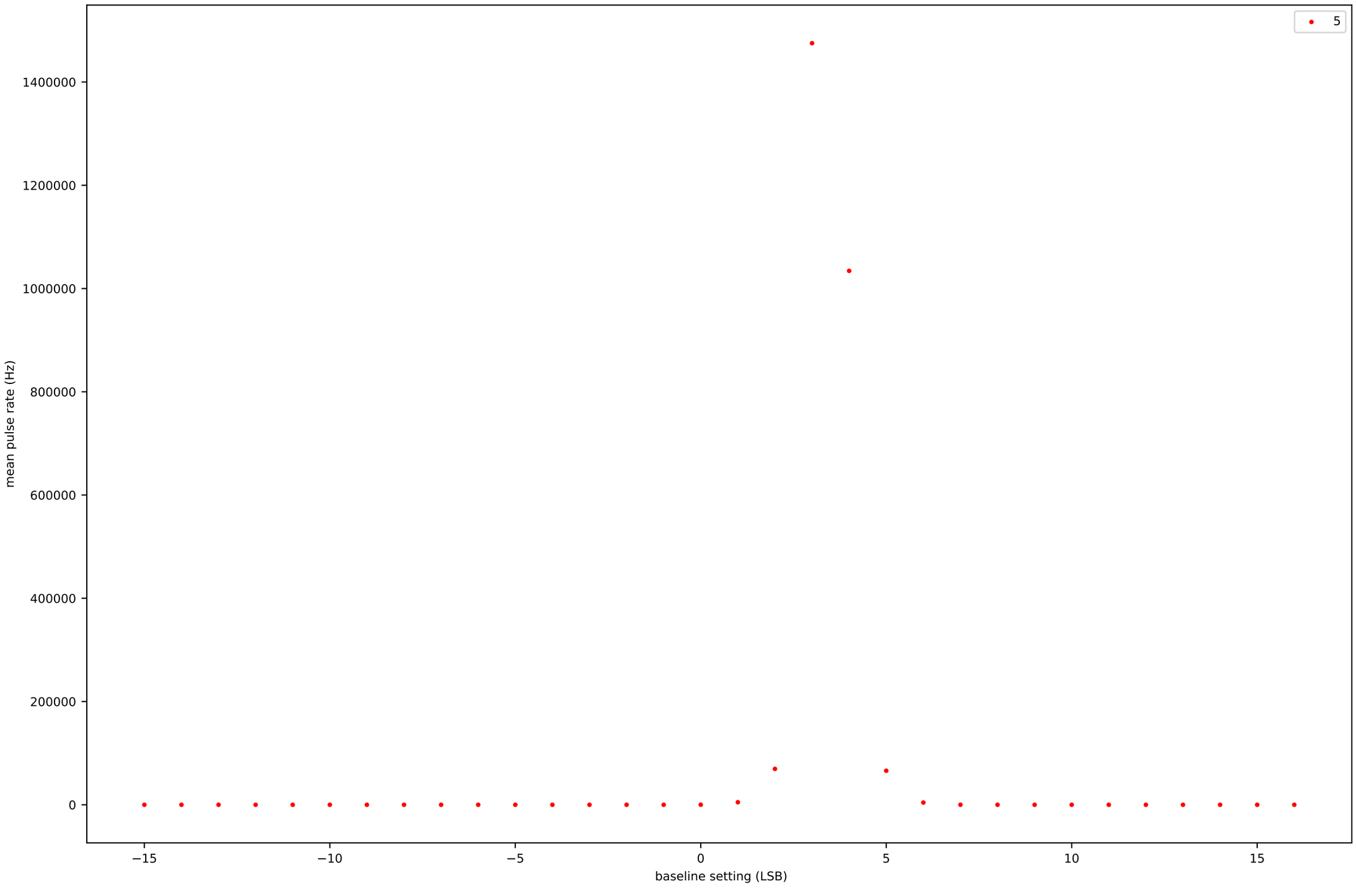

0
4000000
3000000
2000000
1000000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

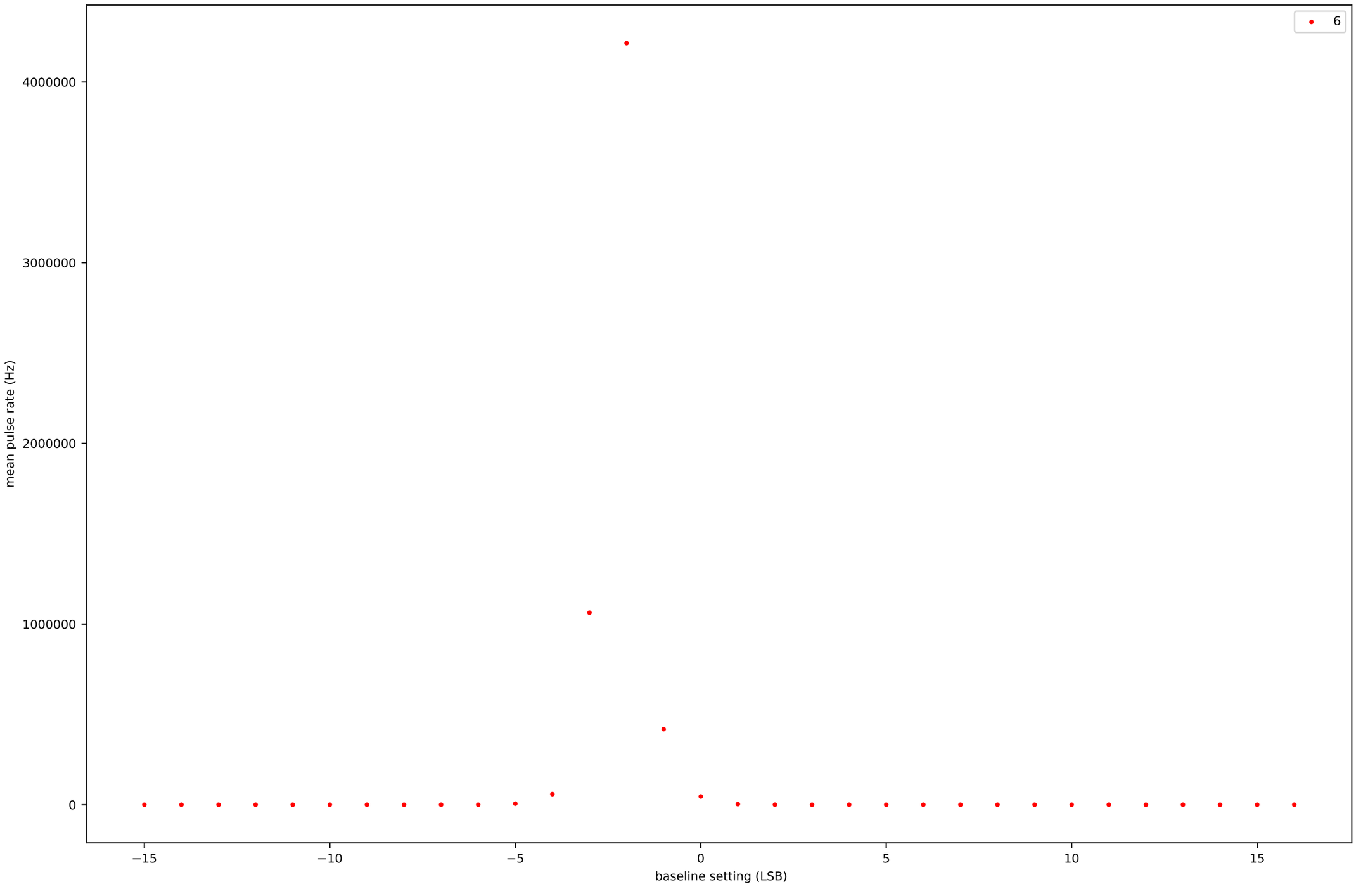

1e7
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)
1

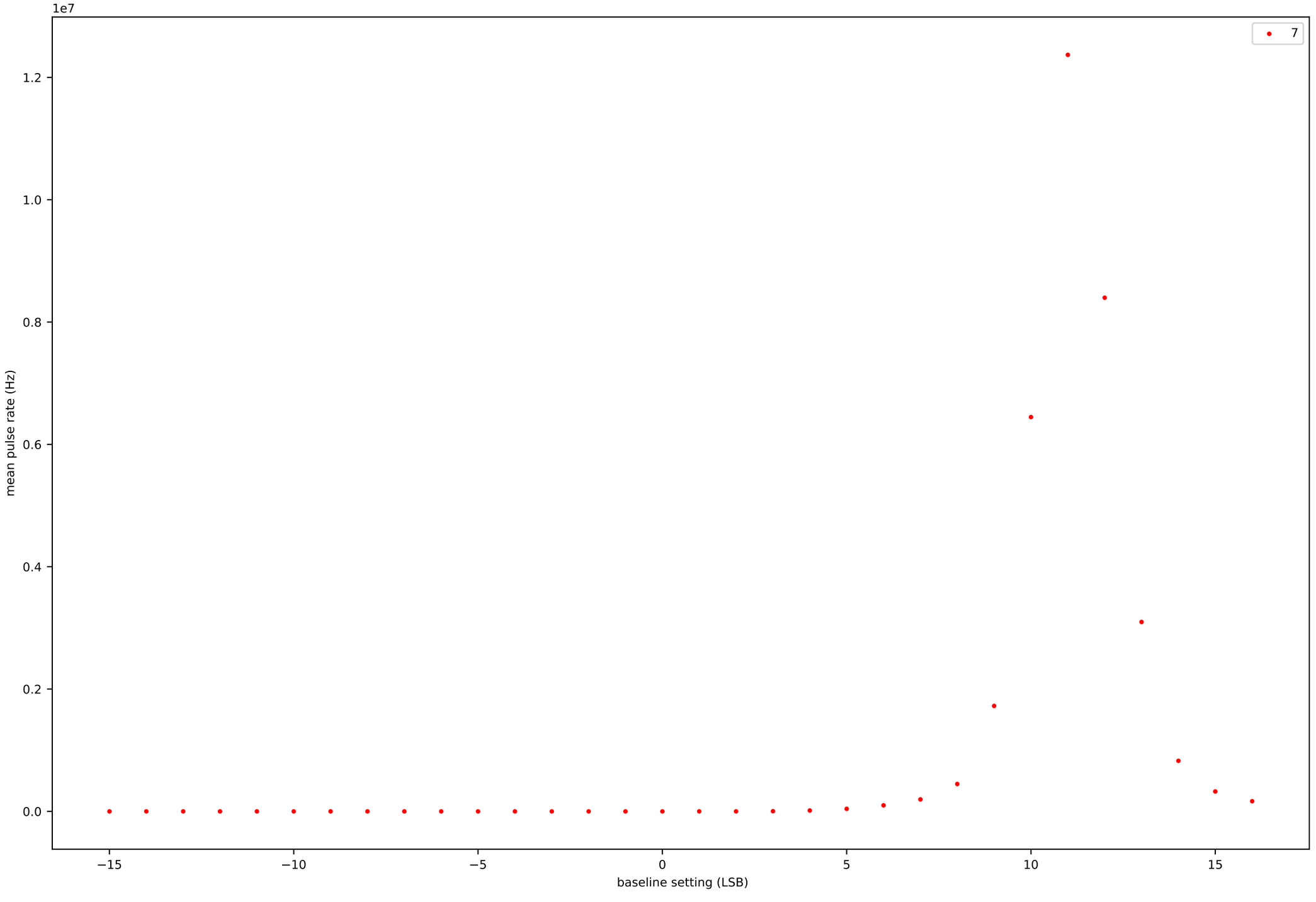

2
4000000
3000000
2000000
1000000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

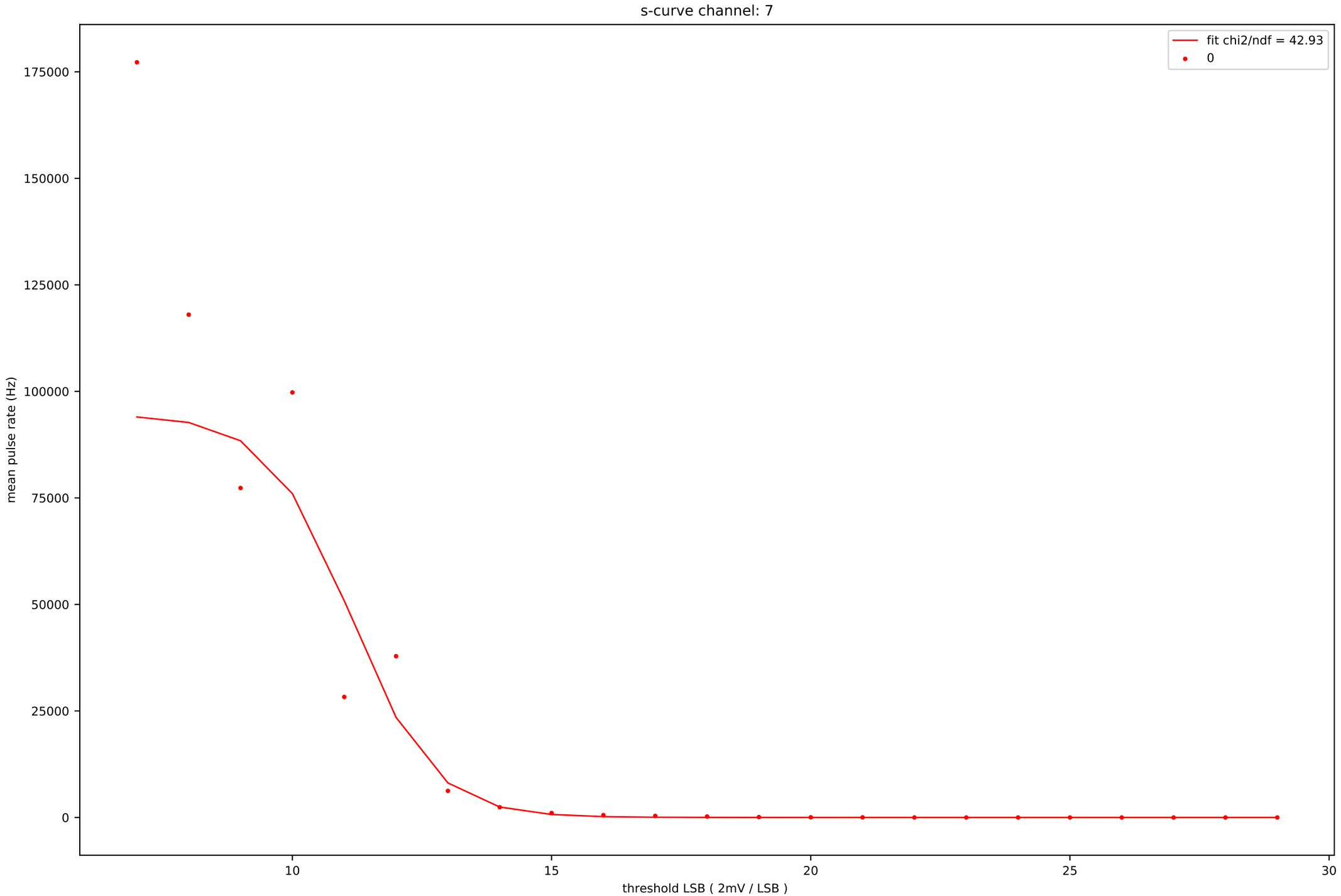

3
5000000
4000000
3000000
2000000
1000000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

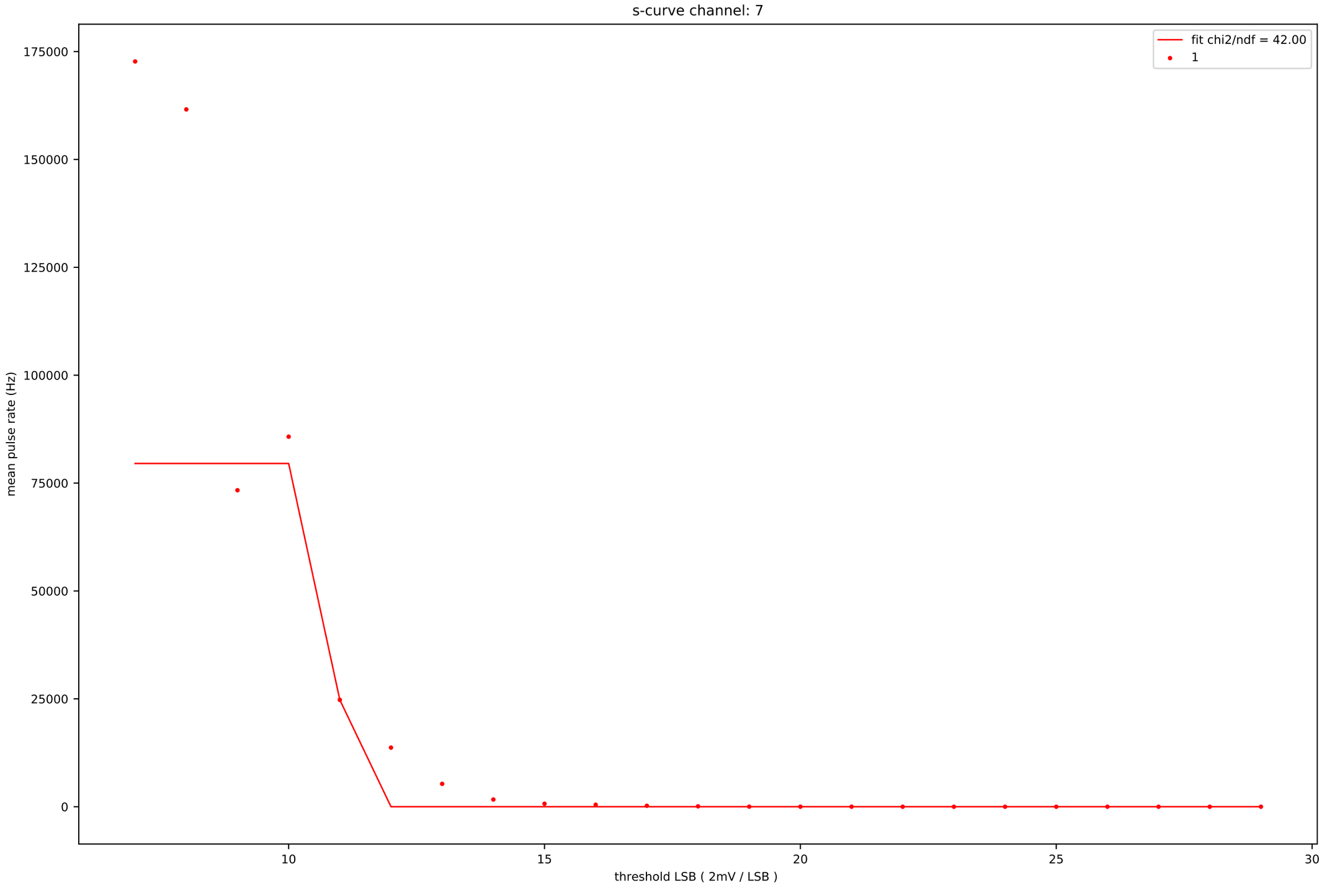

4
1400000
1200000
1000000
800000
600000
400000
200000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

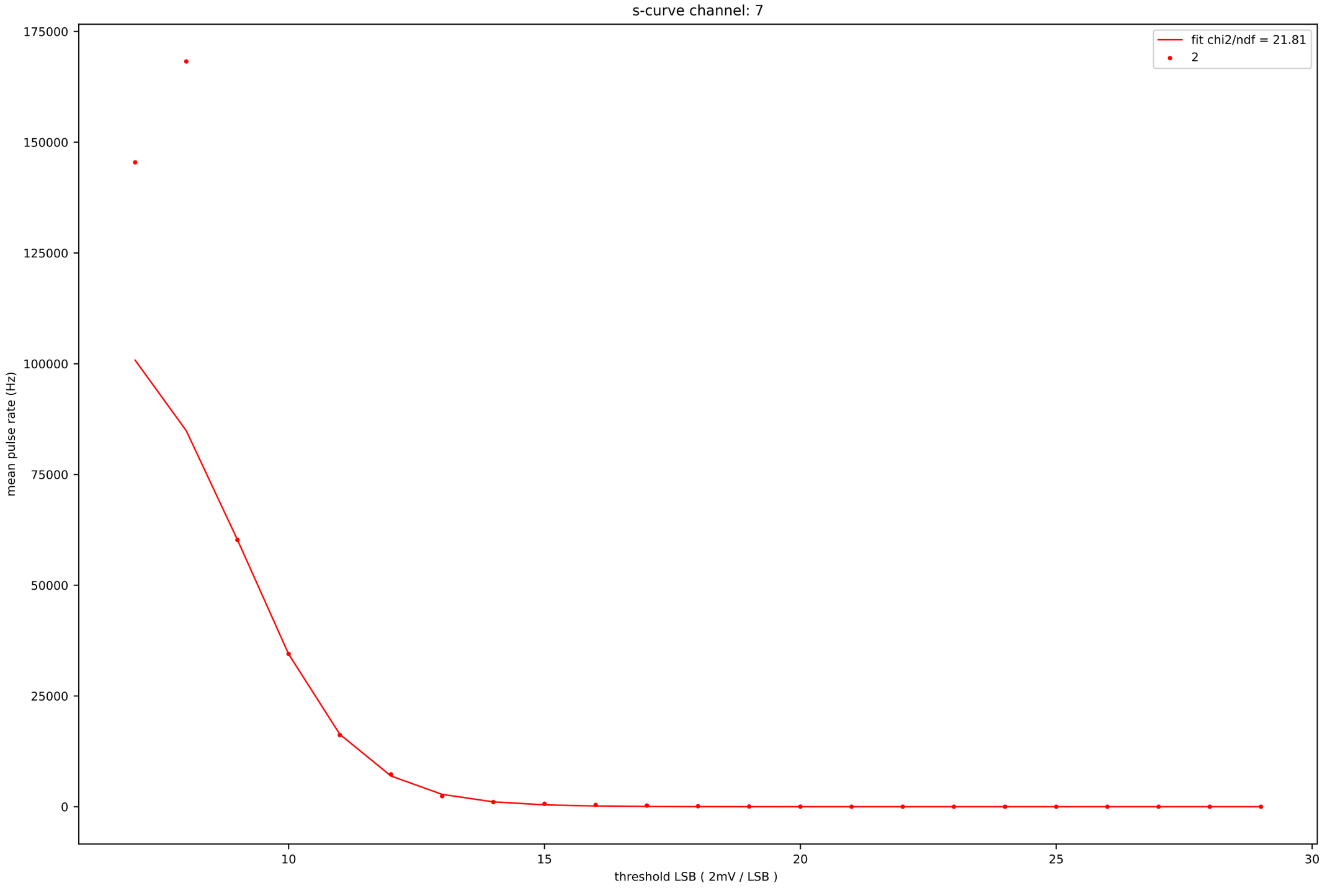

5
1400000
1200000
1000000
800000
600000
400000
200000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

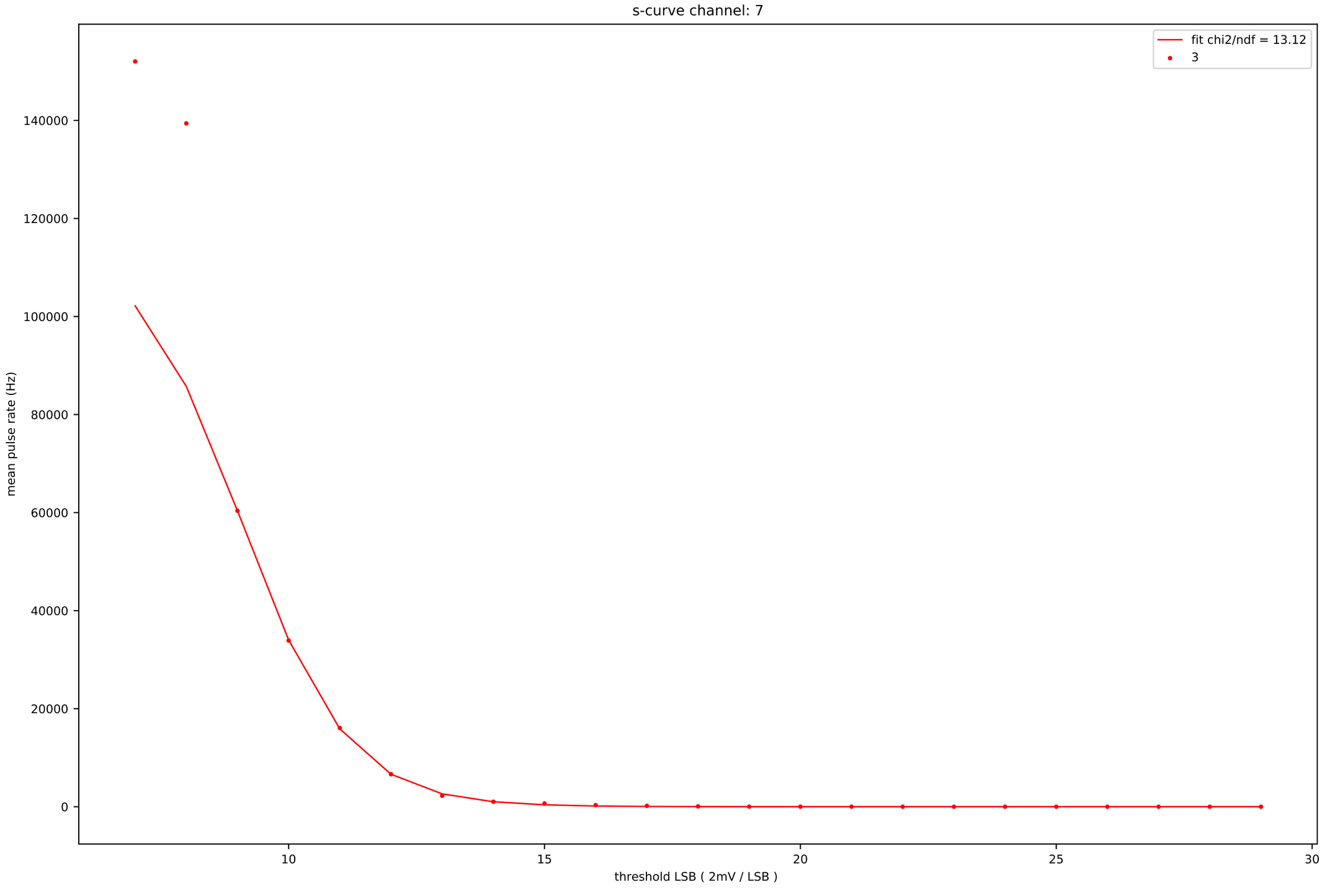

6
4000000
3000000
2000000
1000000
0
mean pulse rate (Hz)
−15
−10
−5
0
5
10
15
baseline setting (LSB)

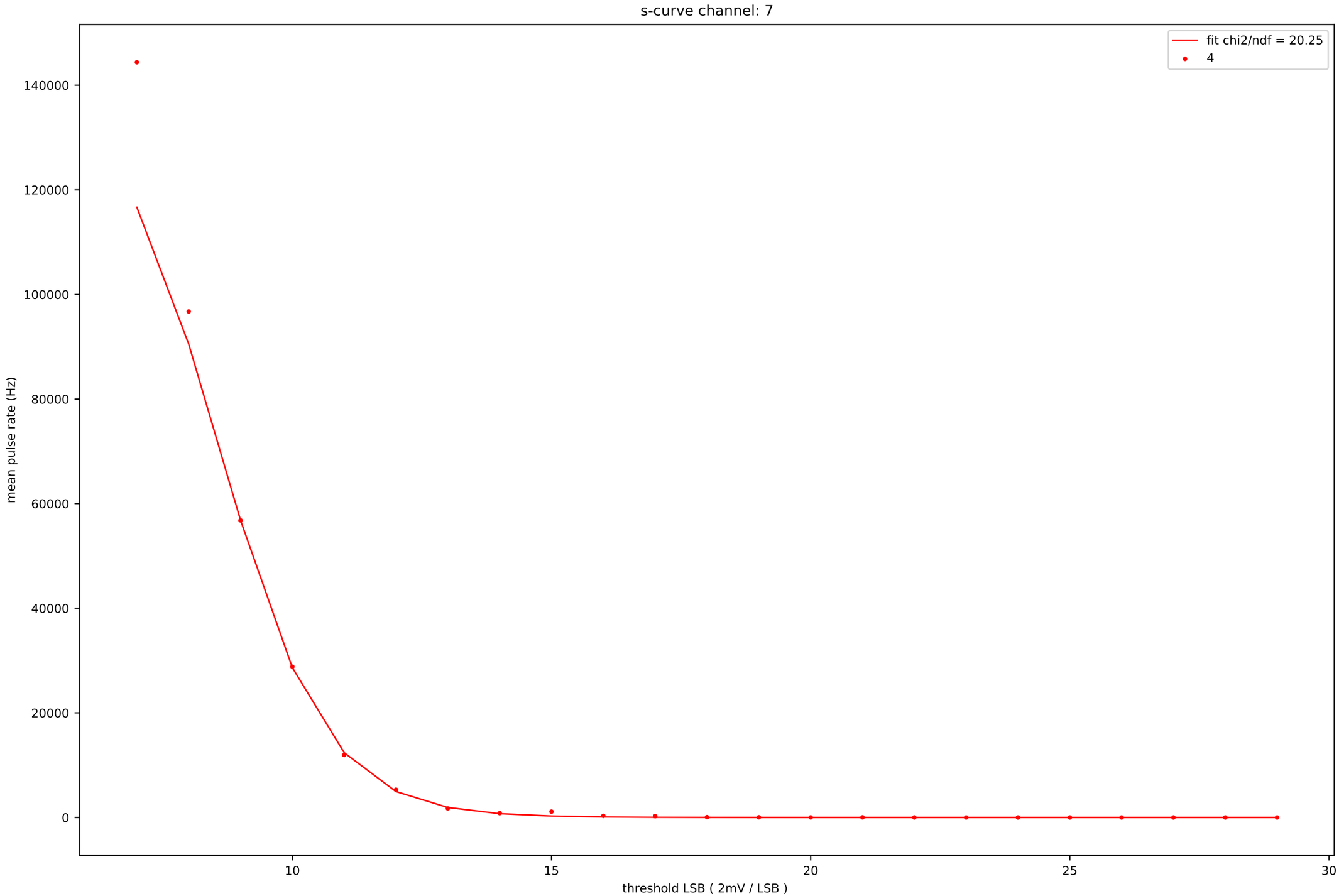

1e7
1.2
1.0
0.8
0.6
0.4
0.2
0.0
mean pulse rate (Hz)
7
−15
−10
−5
0
5
10
15
baseline setting (LSB)

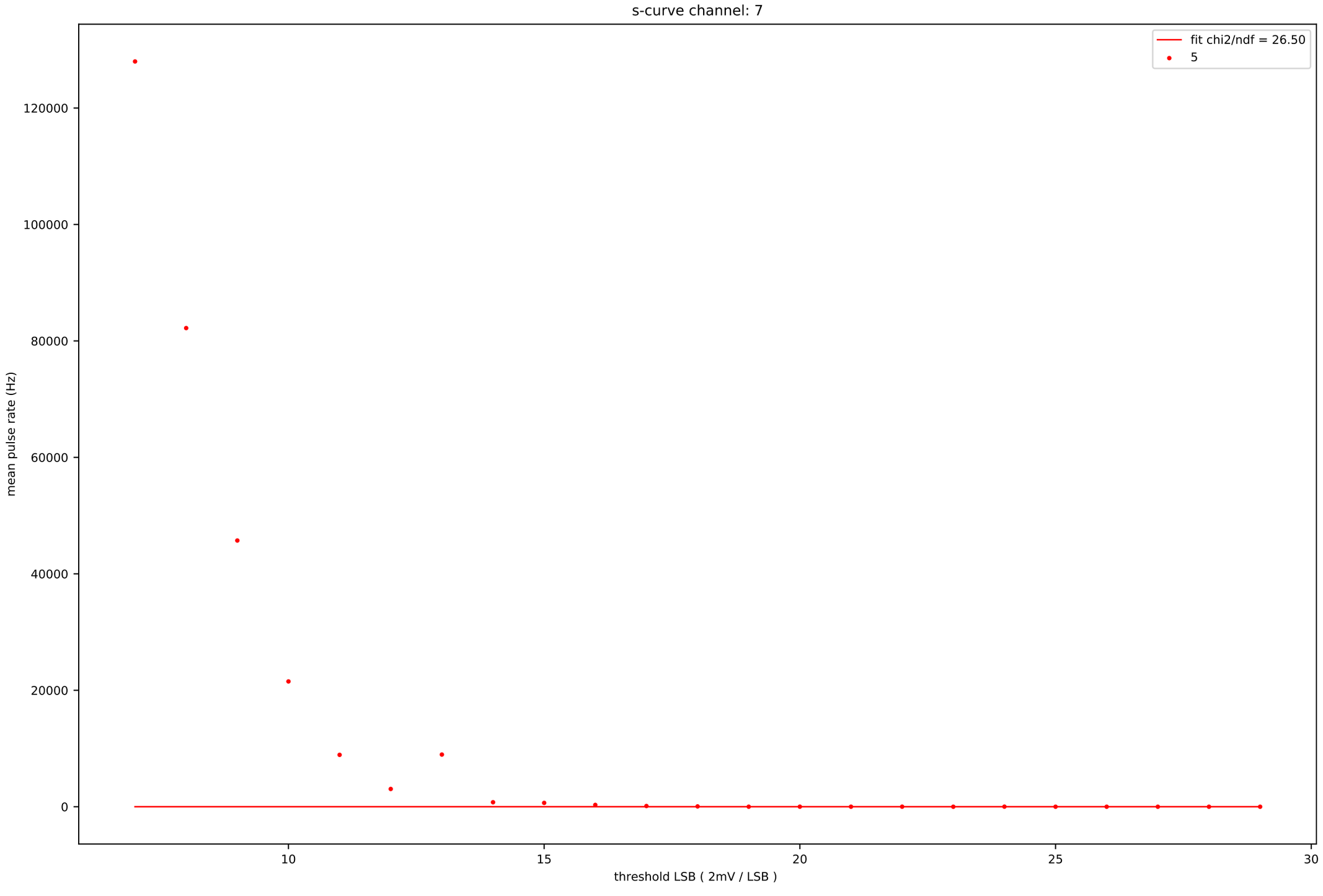

s-curve channel: 7
fit chi2/ndf = 42.93
0
mean pulse rate (Hz)
175000
150000
125000
100000
75000
50000
25000
0
10
15
20
25
30
threshold LSB (2mV / LSB)

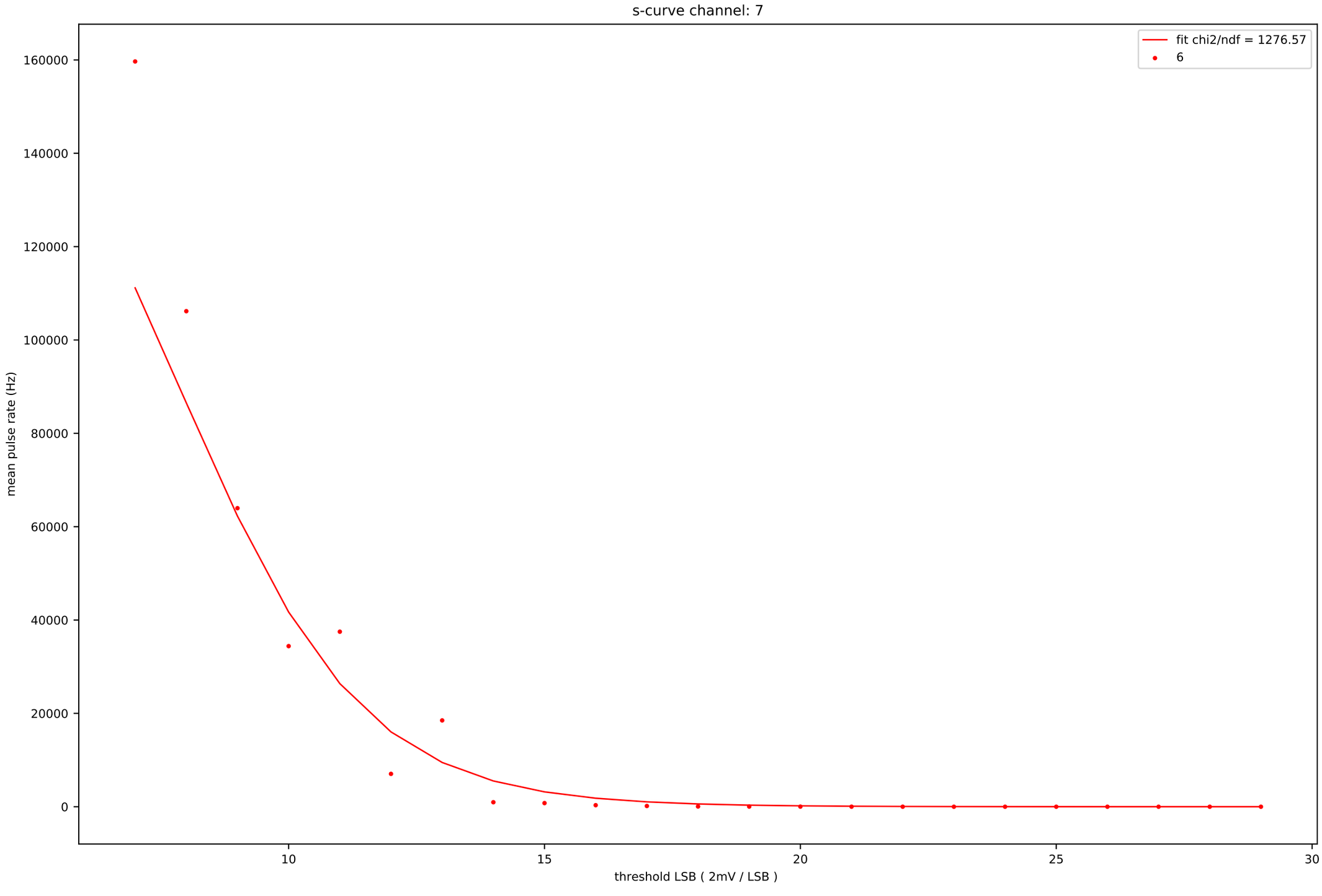

s-curve channel: 7
fit chi2/ndf = 42.00
1
175000
150000
125000
100000
75000
50000
25000
0
mean pulse rate (Hz)
10
15
20
25
30
threshold LSB (2mV / LSB)

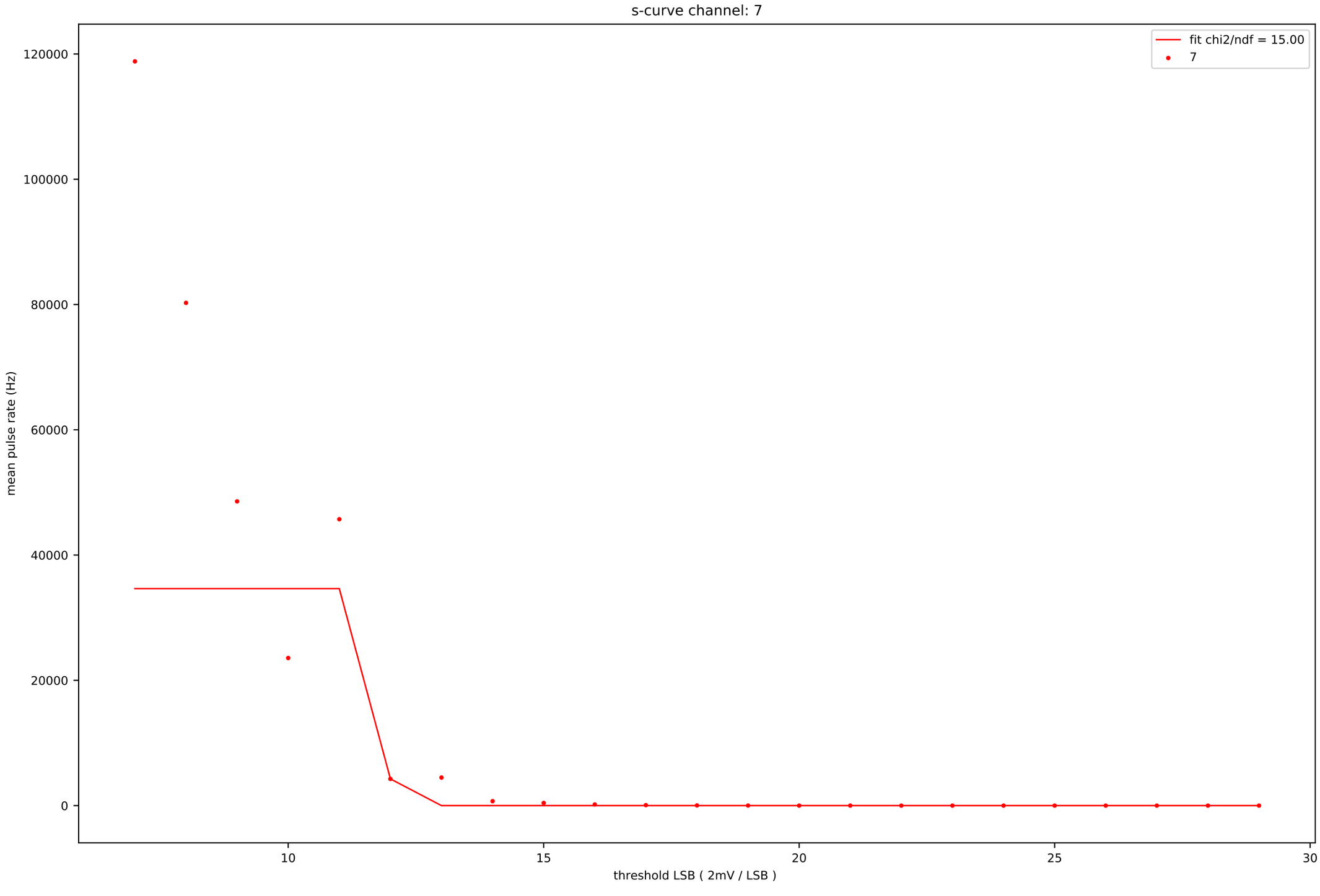

s-curve channel: 7
fit chi2/ndf = 21.81
2
175000
150000
125000
100000
75000
50000
25000
0
mean pulse rate (Hz)
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 13.12
3
mean pulse rate (Hz)
140000
120000
100000
80000
60000
40000
20000
0
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 20.25
4
mean pulse rate (Hz)
140000
120000
100000
80000
60000
40000
20000
0
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 26.50
5
mean pulse rate (Hz)
120000
100000
80000
60000
40000
20000
0
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 1276.57
6
160000
140000
120000
100000
80000
60000
40000
20000
0
mean pulse rate (Hz)
10
15
20
25
30
threshold LSB (2mV / LSB)


s-curve channel: 7
fit chi2/ndf = 15.00
7
120000
100000
80000
60000
40000
20000
0
mean pulse rate (Hz)
10
15
20
25
30
threshold LSB (2mV / LSB)