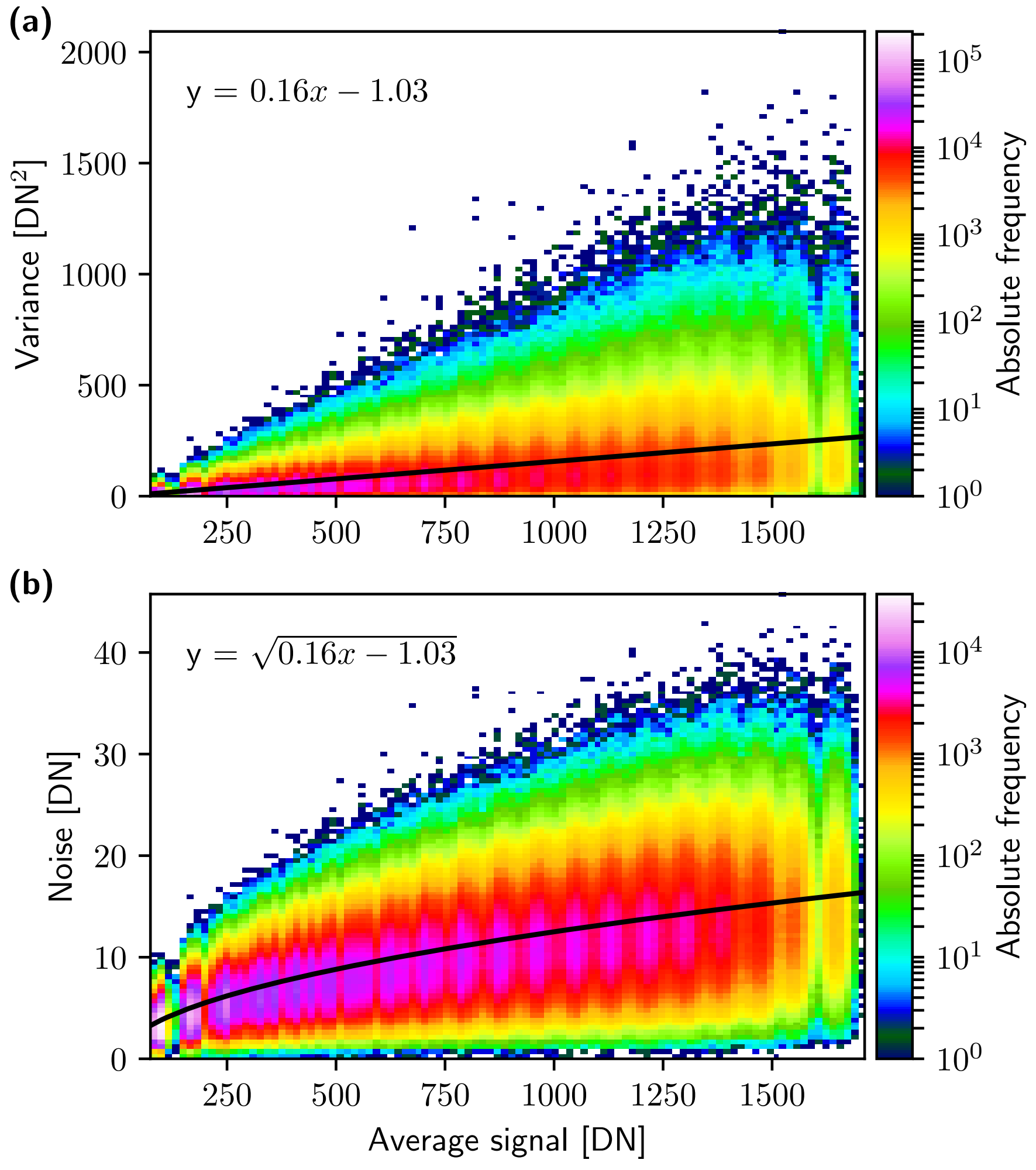
(a)
y = 0.16x − 1.03
Variance [DN²]
2000
1500
1000
500
0
250
500
750
1000
1250
1500
Absolute frequency
10⁵
10⁴
10³
10²
10¹
10⁰
(b)
y = √(0.16x − 1.03)
Noise [DN]
40
30
20
10
0
250
500
750
1000
1250
1500
Average signal [DN]
Absolute frequency
10⁴
10³
10²
10¹
10⁰