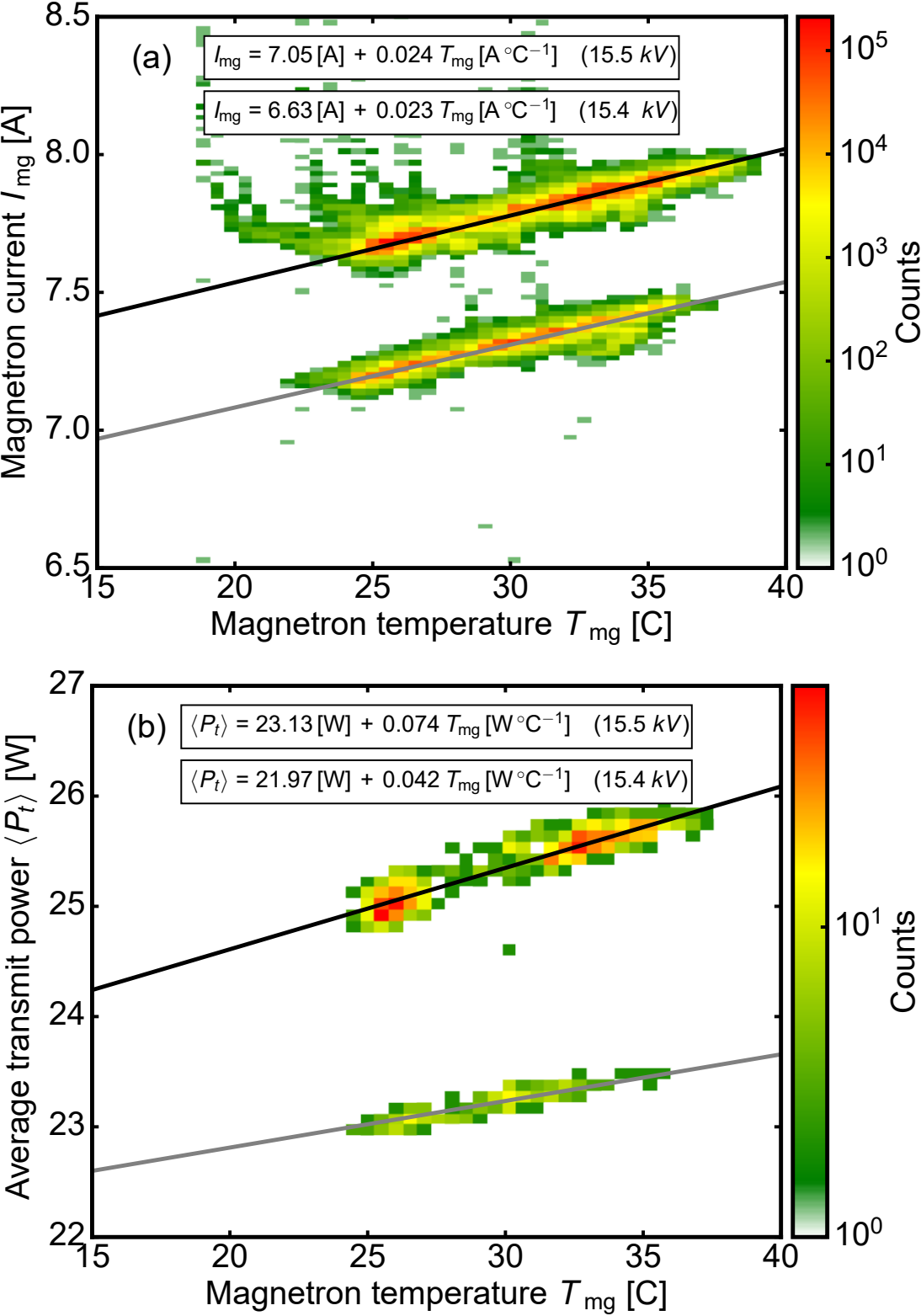
(a)
I_{mg} = 7.05 [A] + 0.024 T_{mg} [A °C^{-1}] (15.5 kV)
I_{mg} = 6.63 [A] + 0.023 T_{mg} [A °C^{-1}] (15.4 kV)
Magnetron current I_{mg} [A]
Magnetron temperature T_{mg} [C]
Counts
(b)
$\langle P_t \rangle$ = 23.13 [W] + 0.074 T_{mg} [W °C^{-1}] (15.5 kV)
$\langle P_t \rangle$ = 21.97 [W] + 0.042 T_{mg} [W °C^{-1}] (15.4 kV)
Average transmit power $\langle P_t \rangle$ [W]
Magnetron temperature T_{mg} [C]
Counts