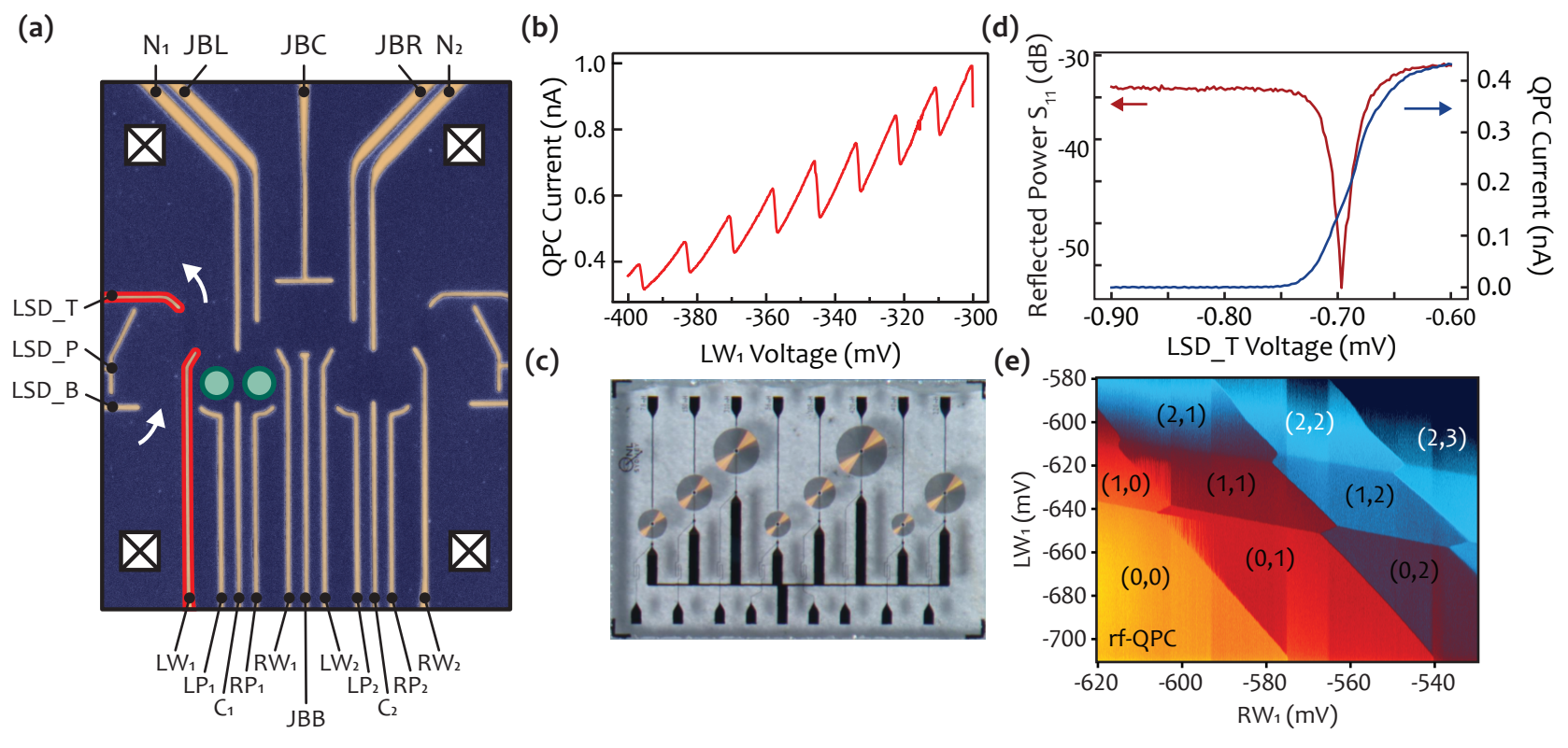
(a)
N₁ JBL JBC JBR N₂
LSD_T
LSD_P
LSD_B
LW₁ LP₁ C₁ RP₁ RW₁ JBB LW₂ LP₂ C₂ RP₂ RW₂
(b)
QPC Current (nA)
1.0
0.8
0.6
0.4
-400 -380 -360 -340 -320 -300
LW₁ Voltage (mV)
(c)
(d)
Reflected Power S₁₁ (dB)
-30
-40
-50
QPC Current (nA)
0.4
0.3
0.2
0.1
0.0
-0.90 -0.80 -0.70 -0.60
LSD_T Voltage (mV)
(e)
LW₁ (mV)
-580
-600
-620
-640
-660
-680
-700
(2,1)
(2,2)
(2,3)
(1,0)
(1,1)
(1,2)
(0,1)
(0,2)
(0,0)
rf-QPC
-620 -600 -580 -560 -540
RW₁ (mV)