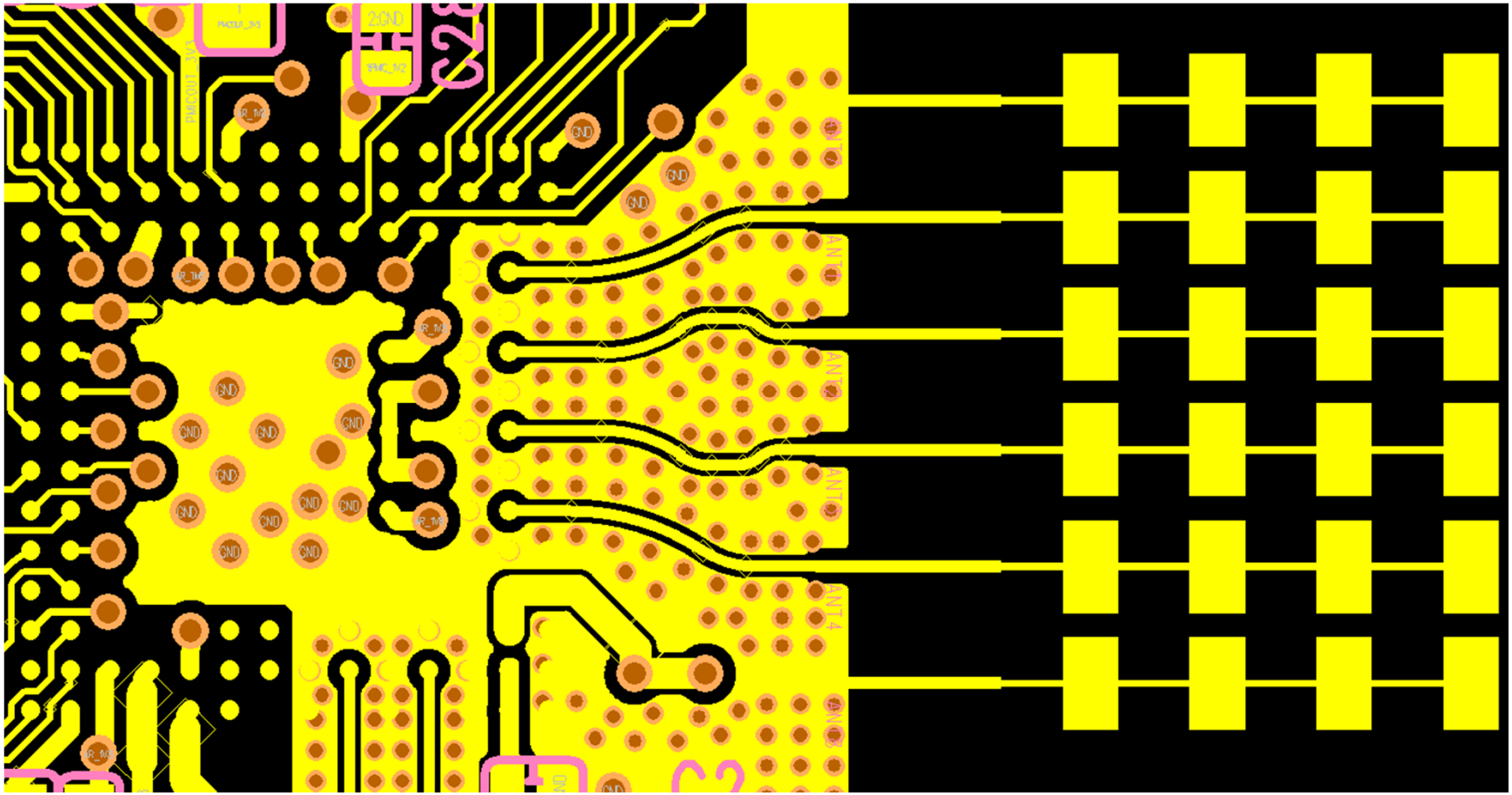
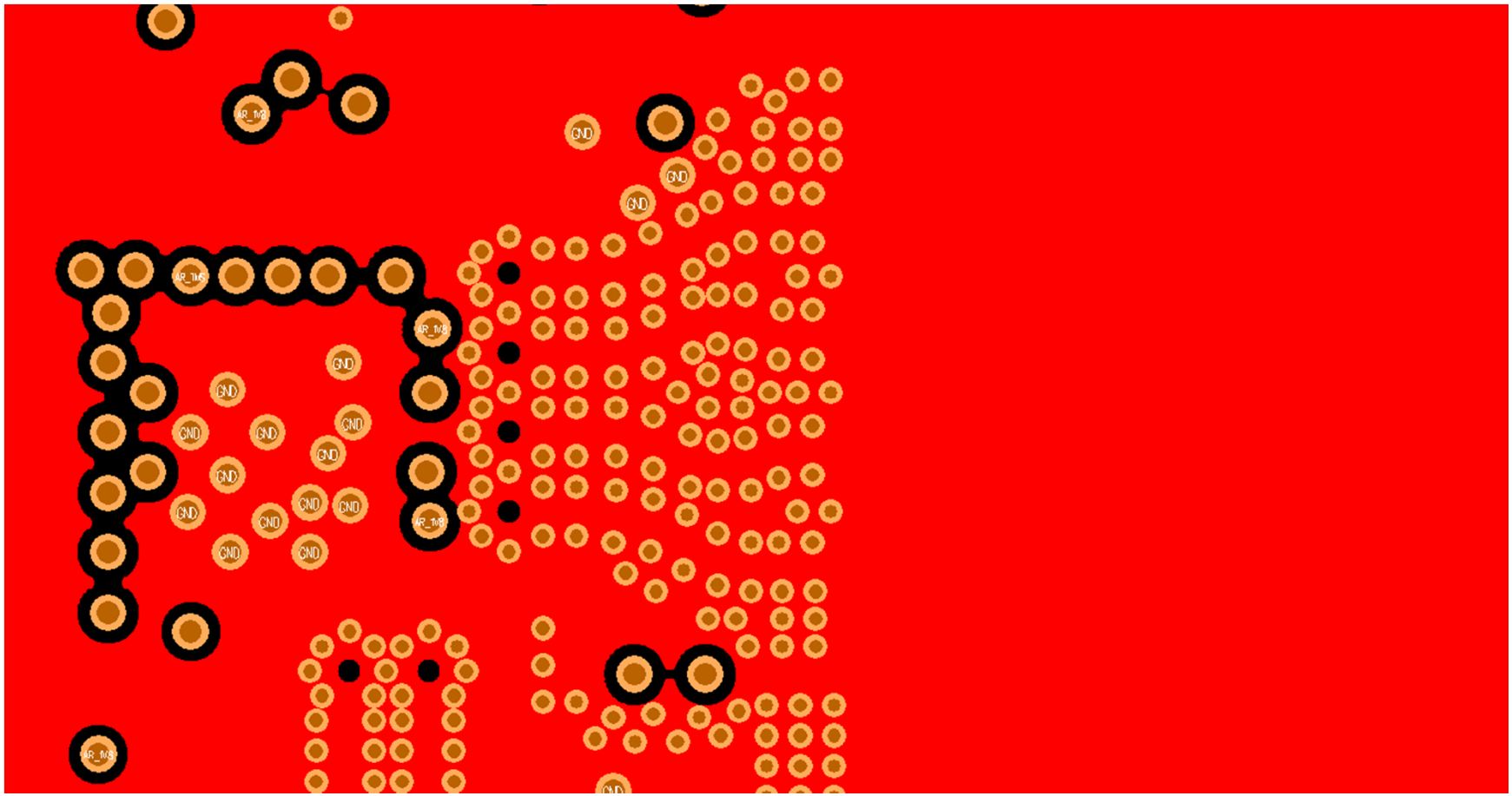
L1

RX Antenna



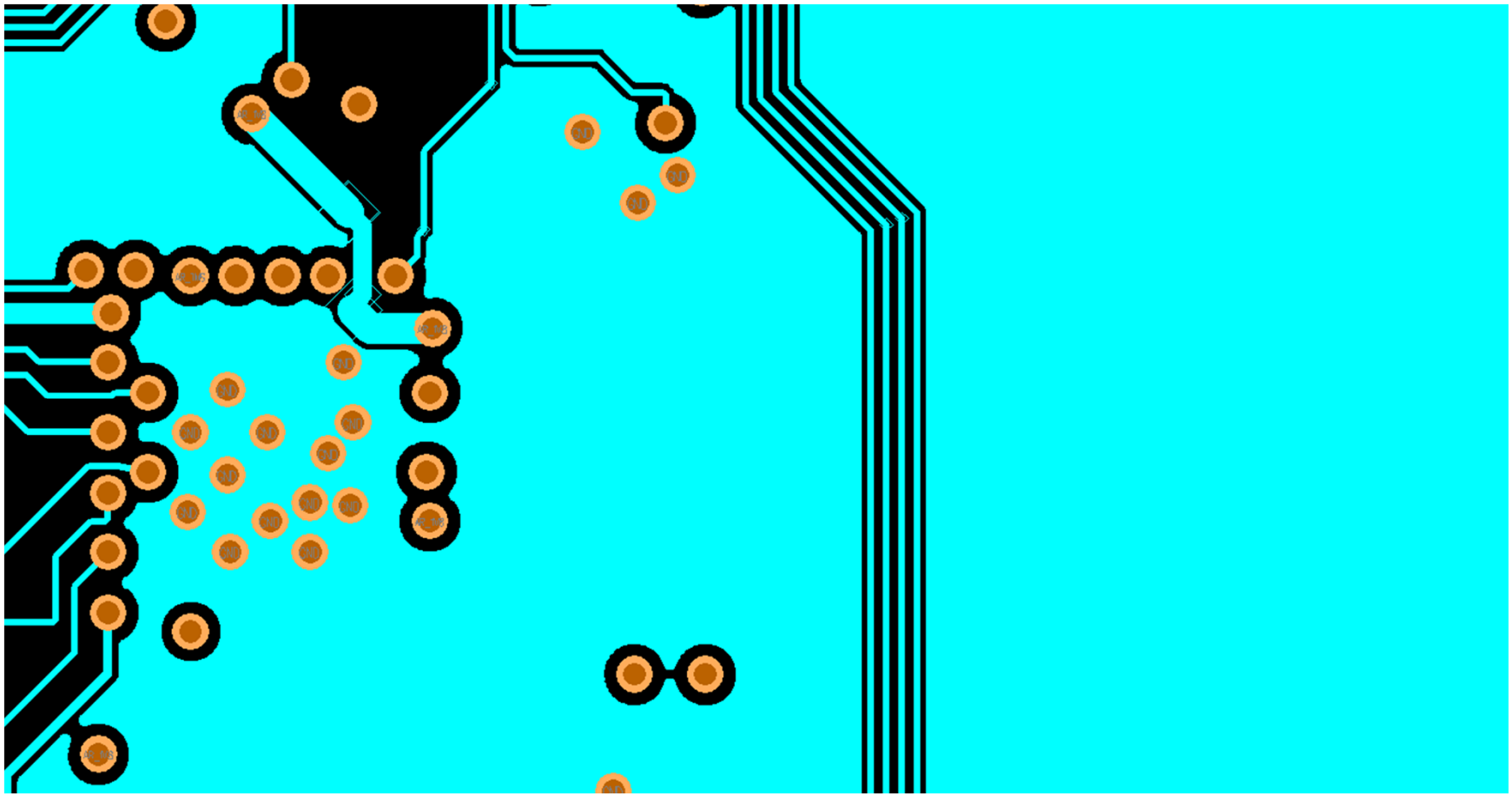
L2

RX Antenna



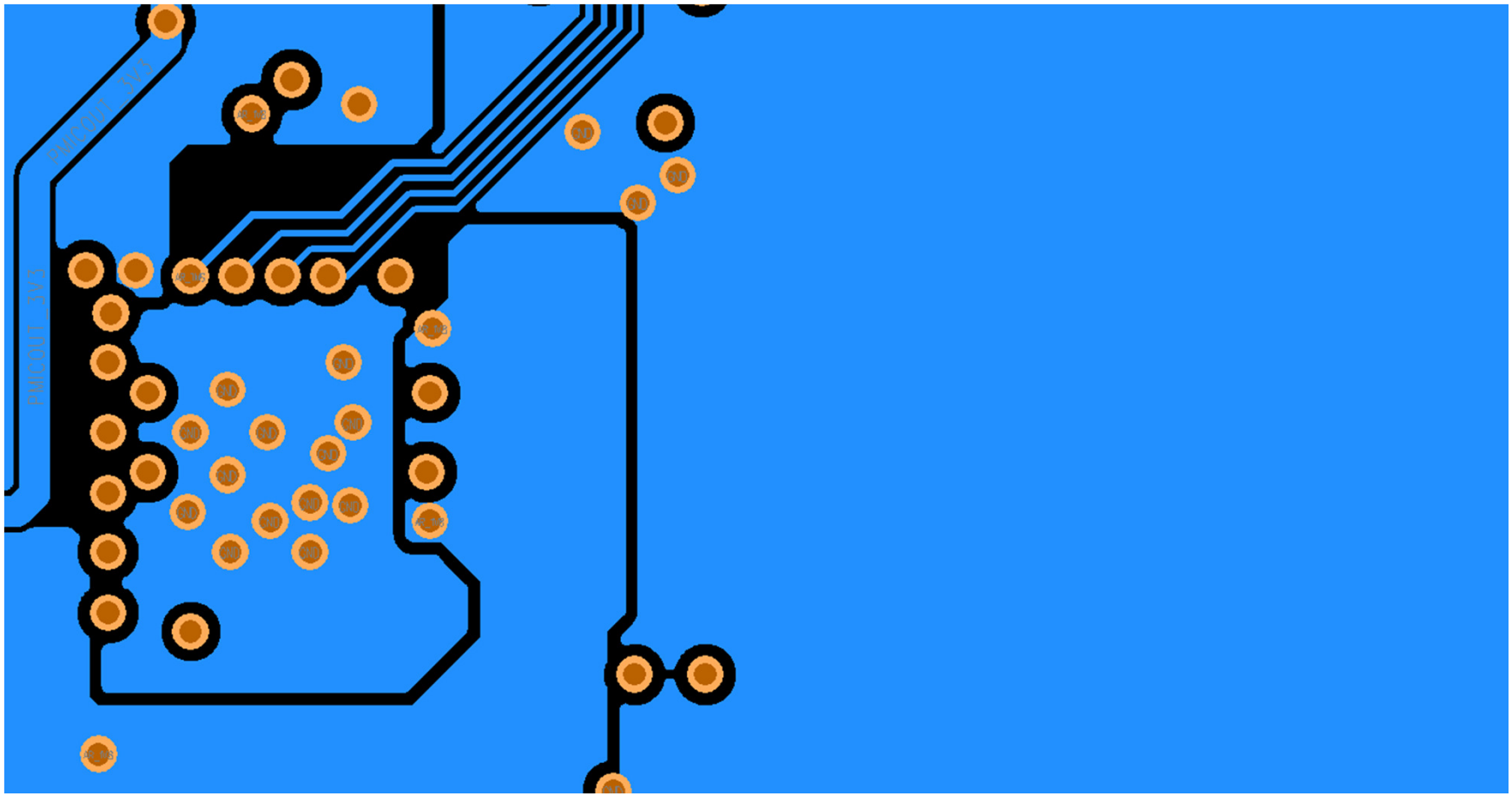
L3

RX Antenna



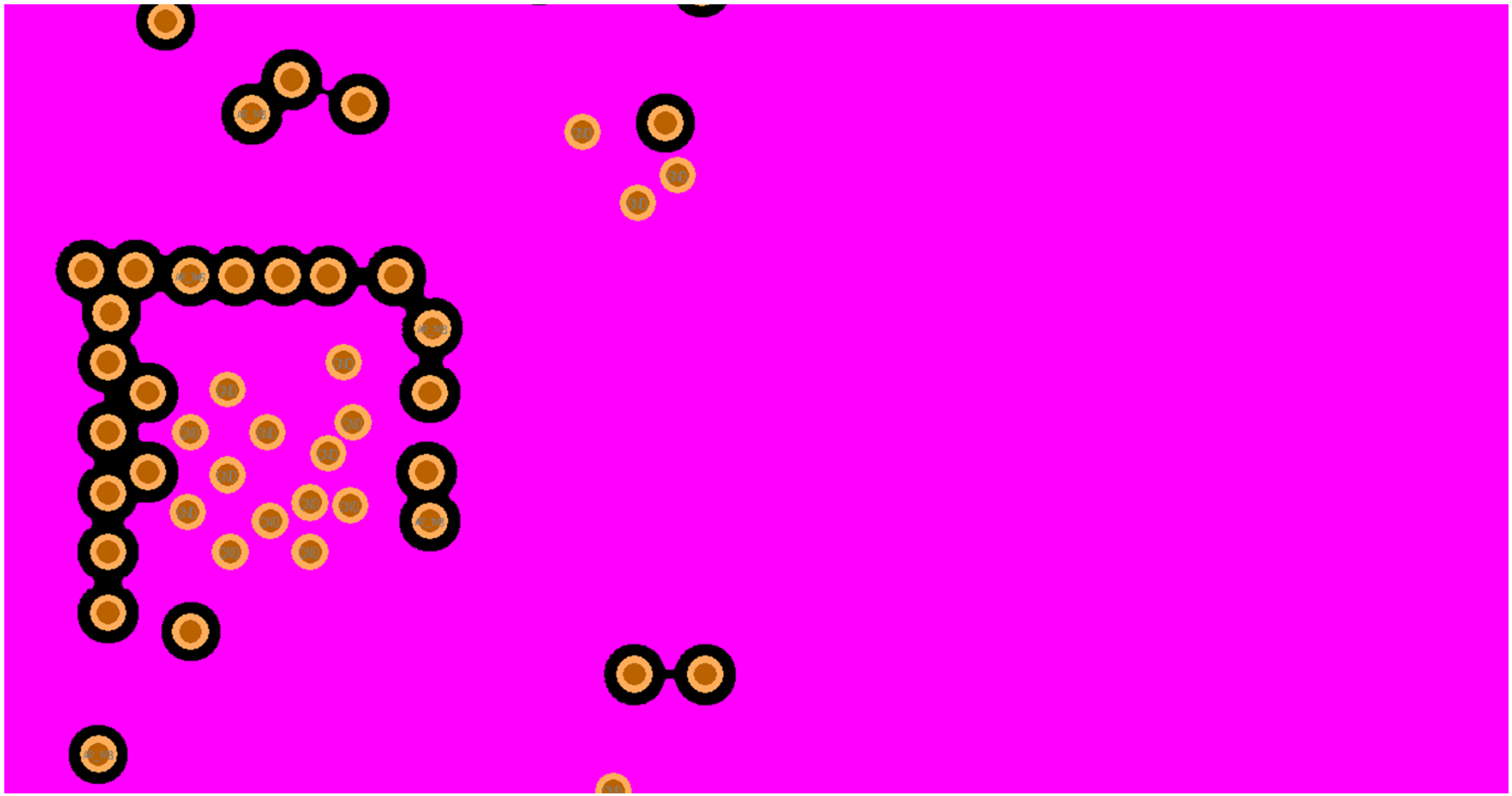
L4

RX Antenna



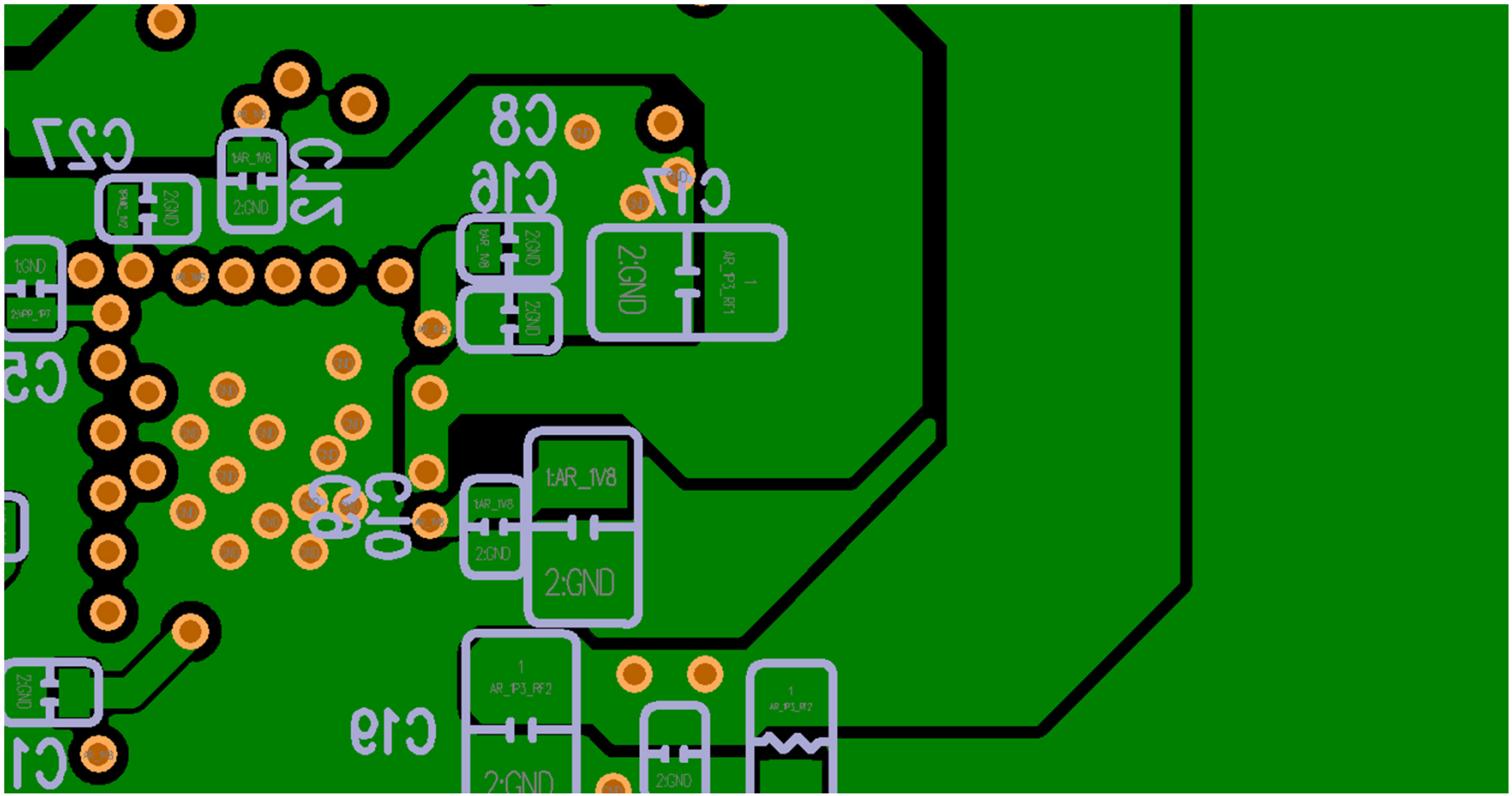
L5

RX Antenna



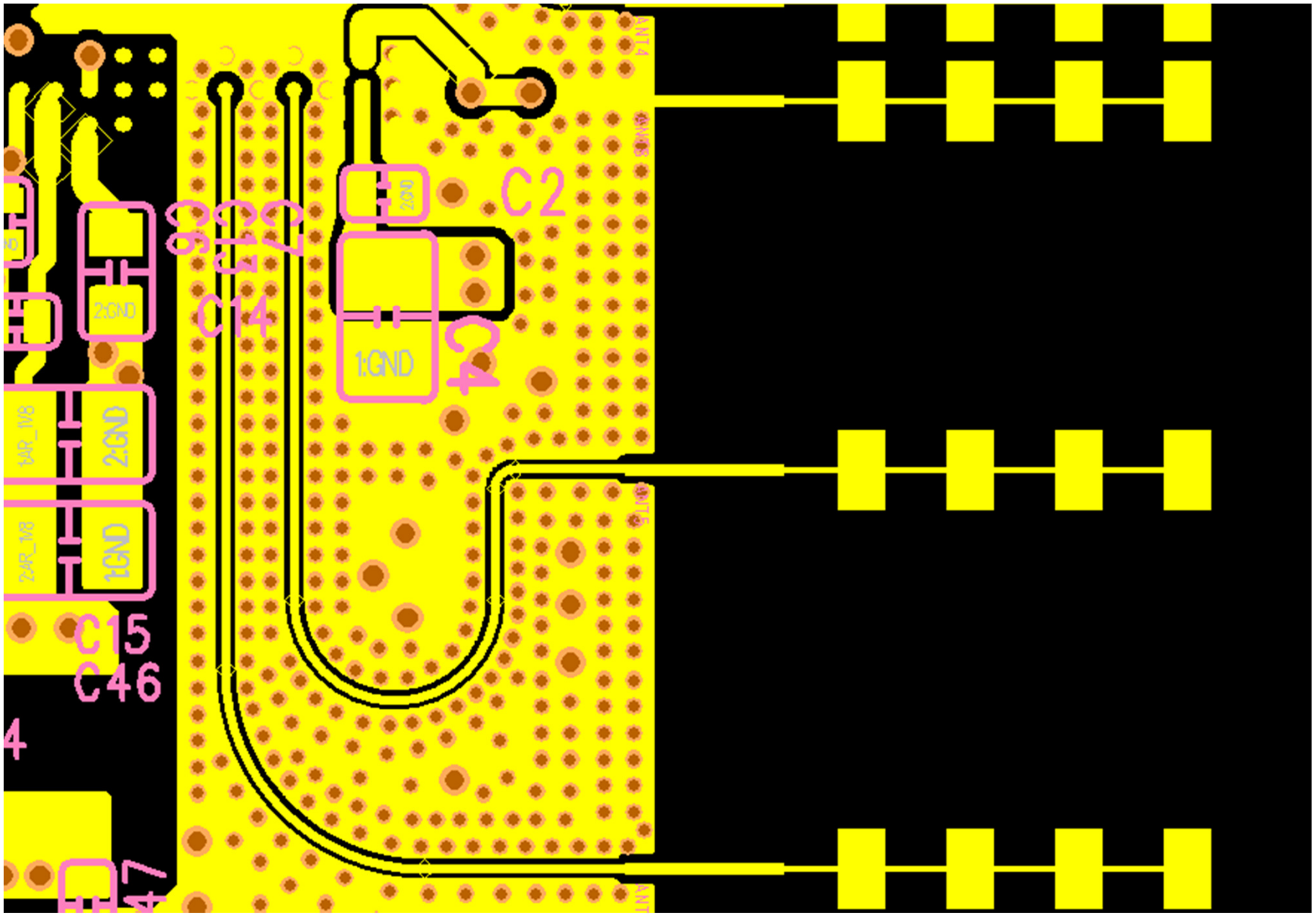
L6

RX Antenna



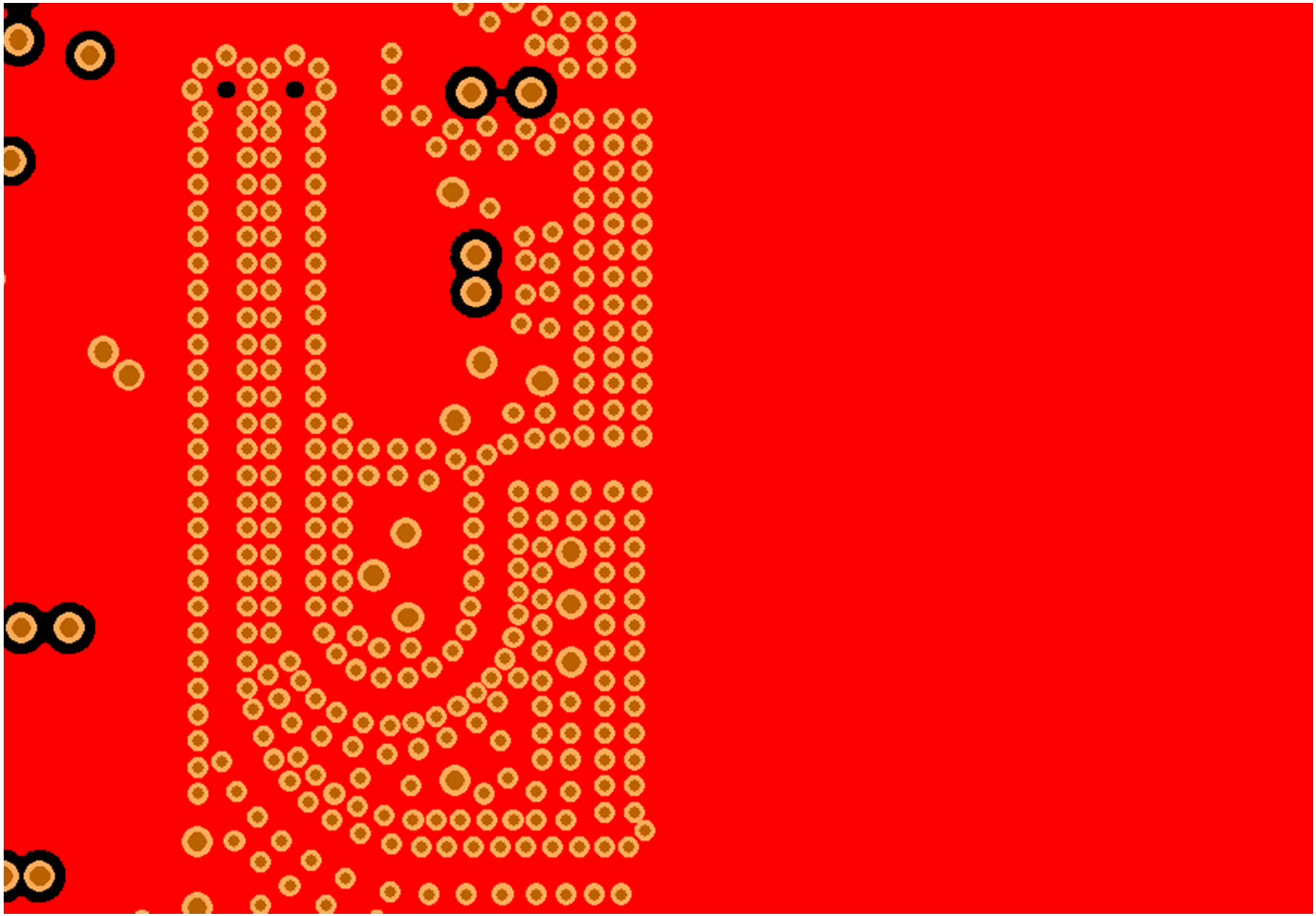
L1

TX Antenna



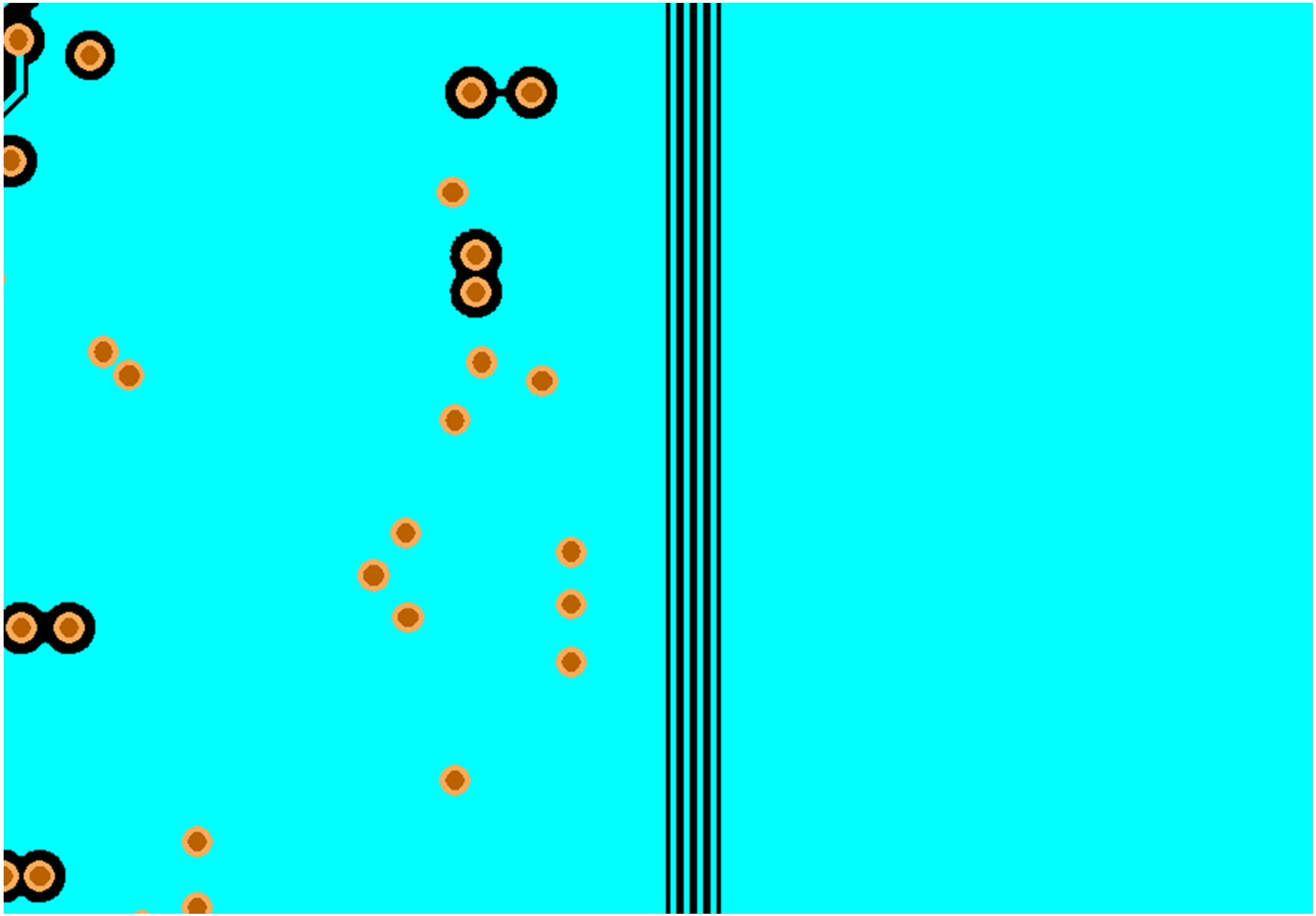
L2

TX Antenna



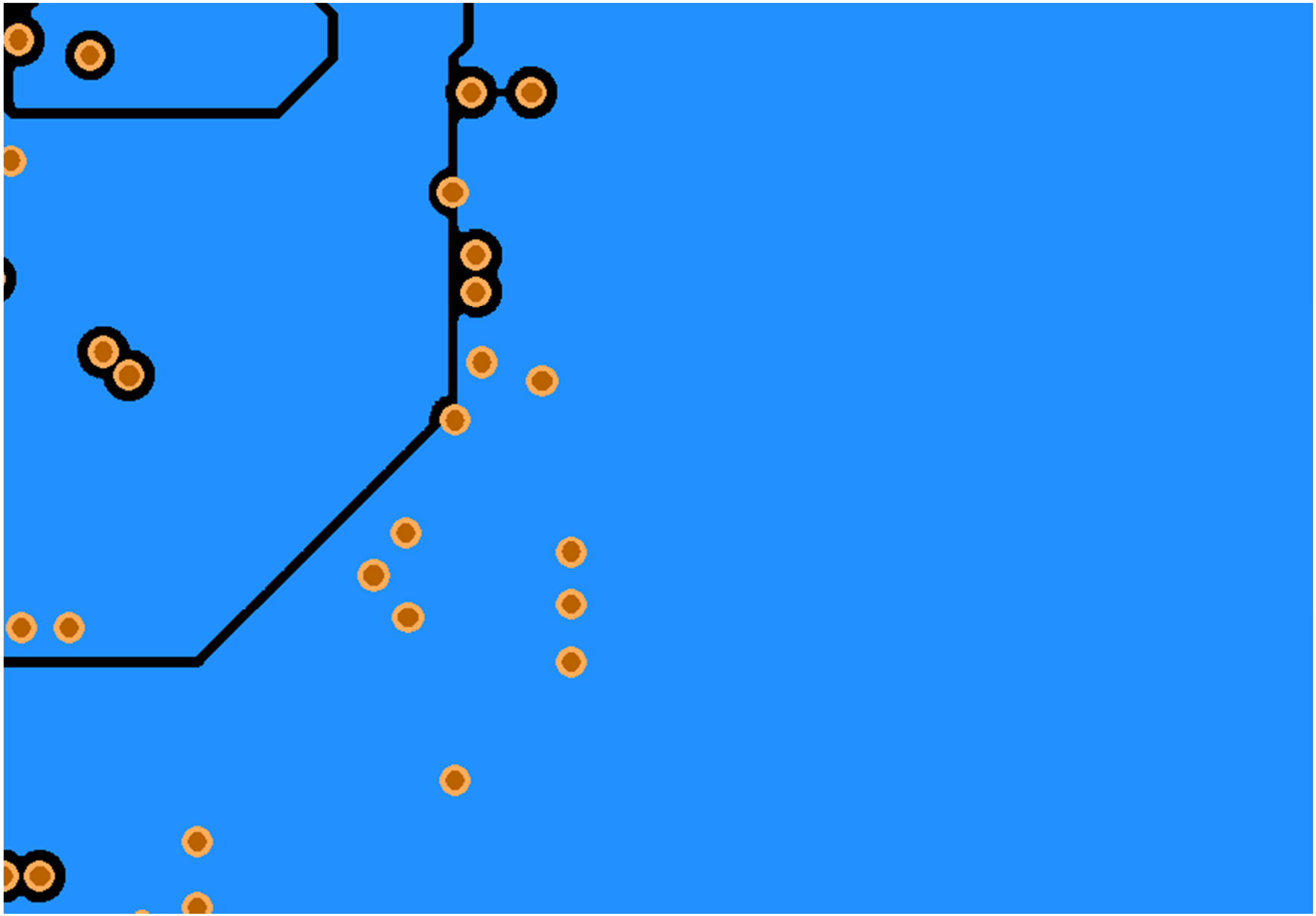
L3

TX Antenna



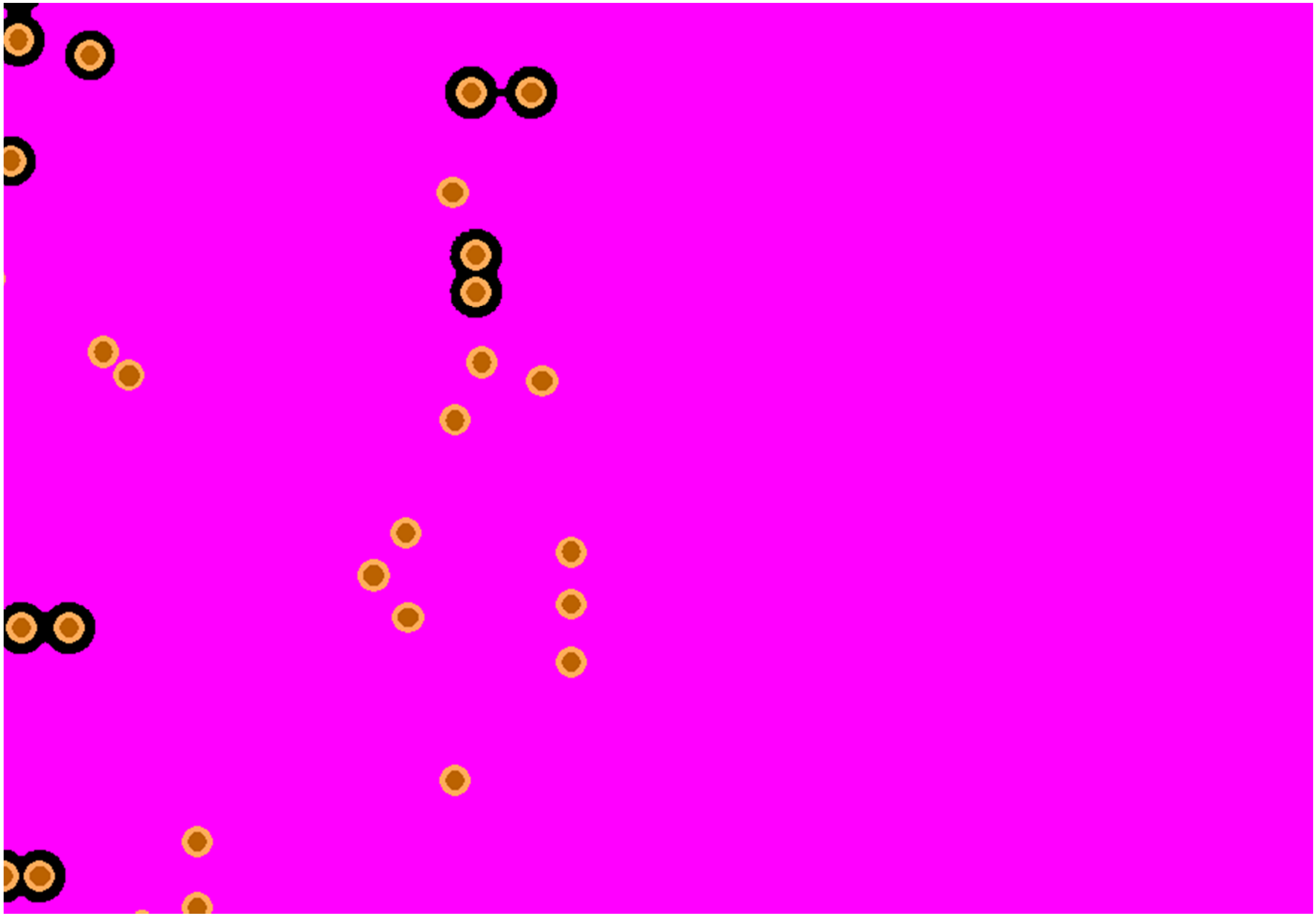
L4

TX Antenna

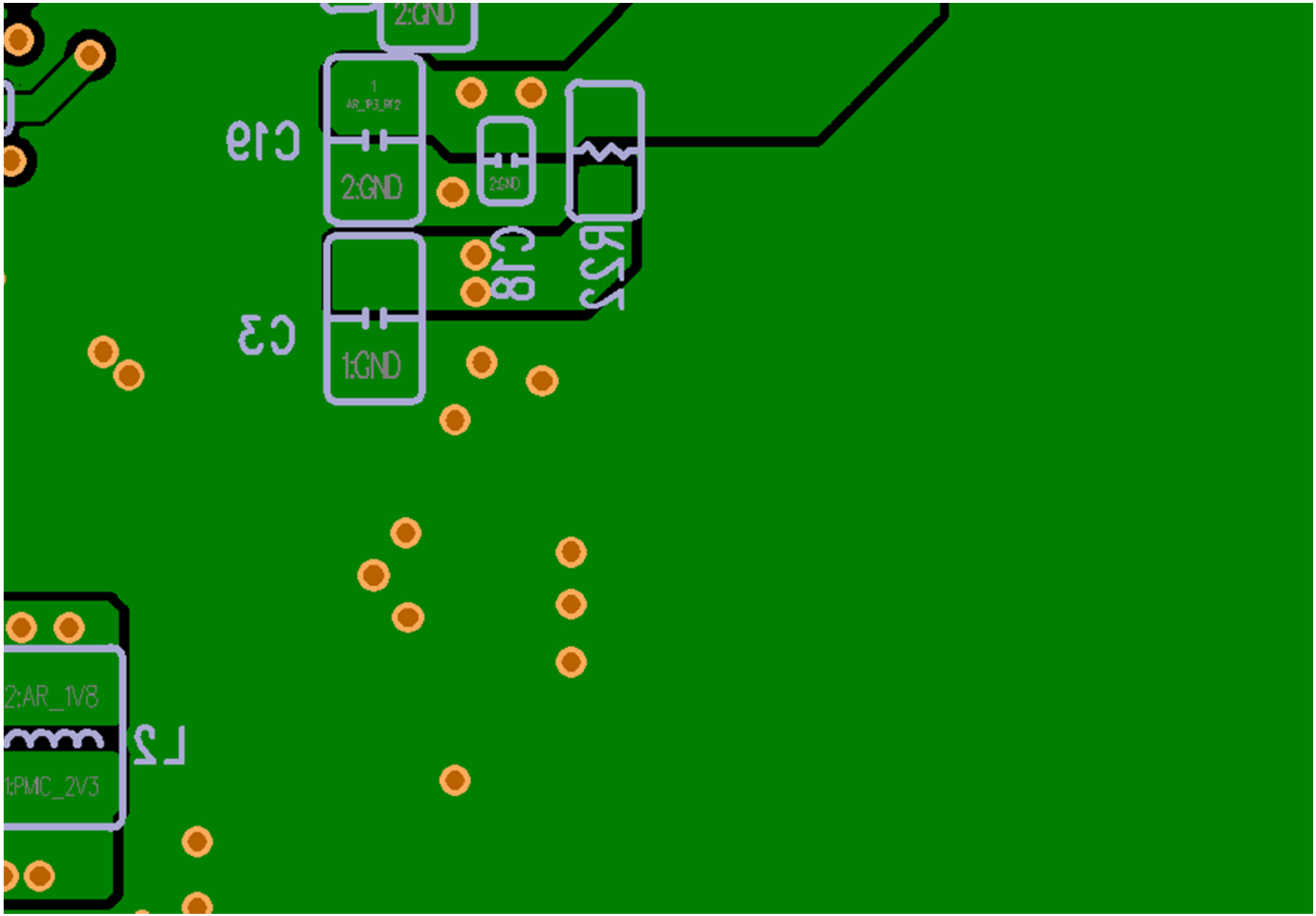


L5

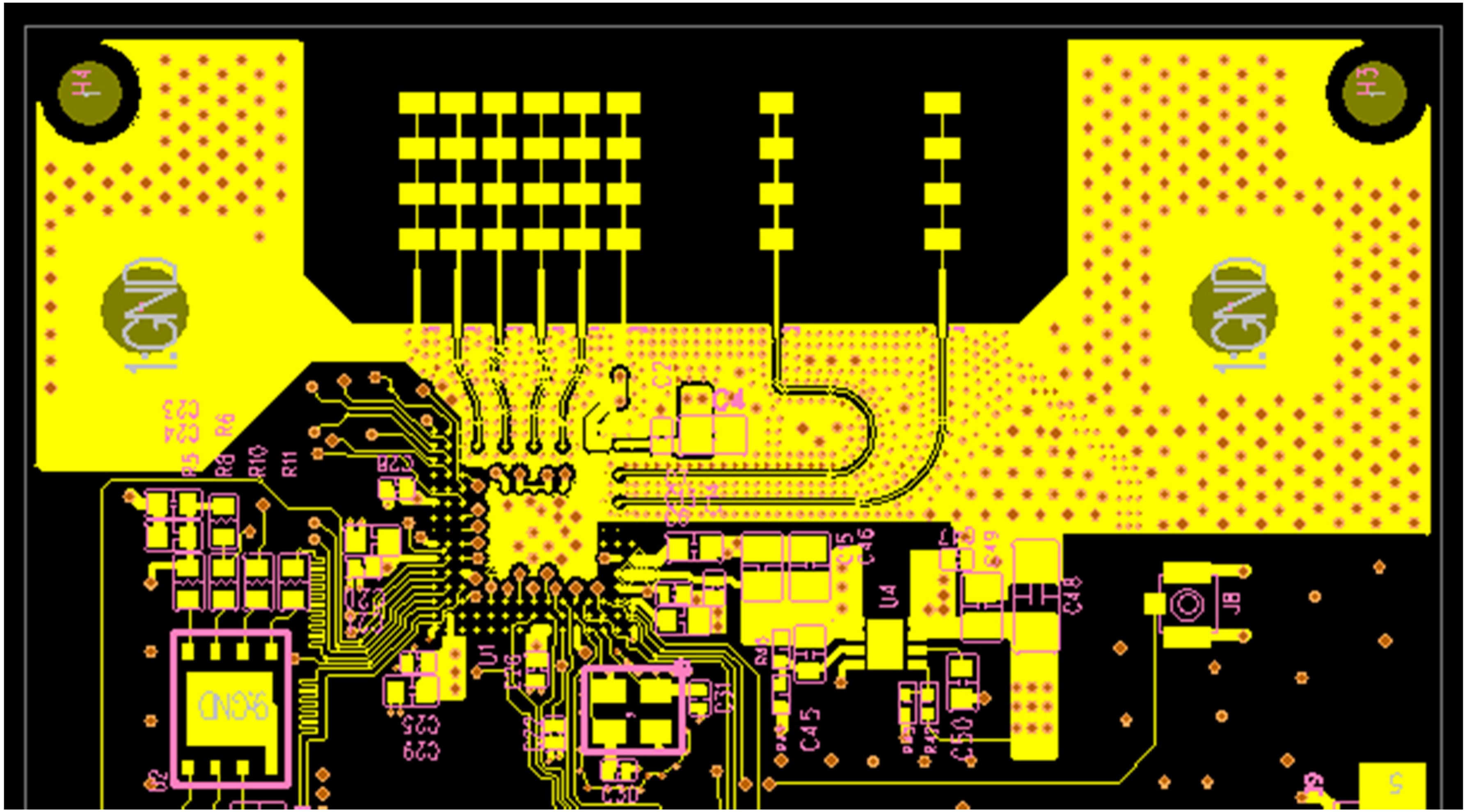
TX Antenna



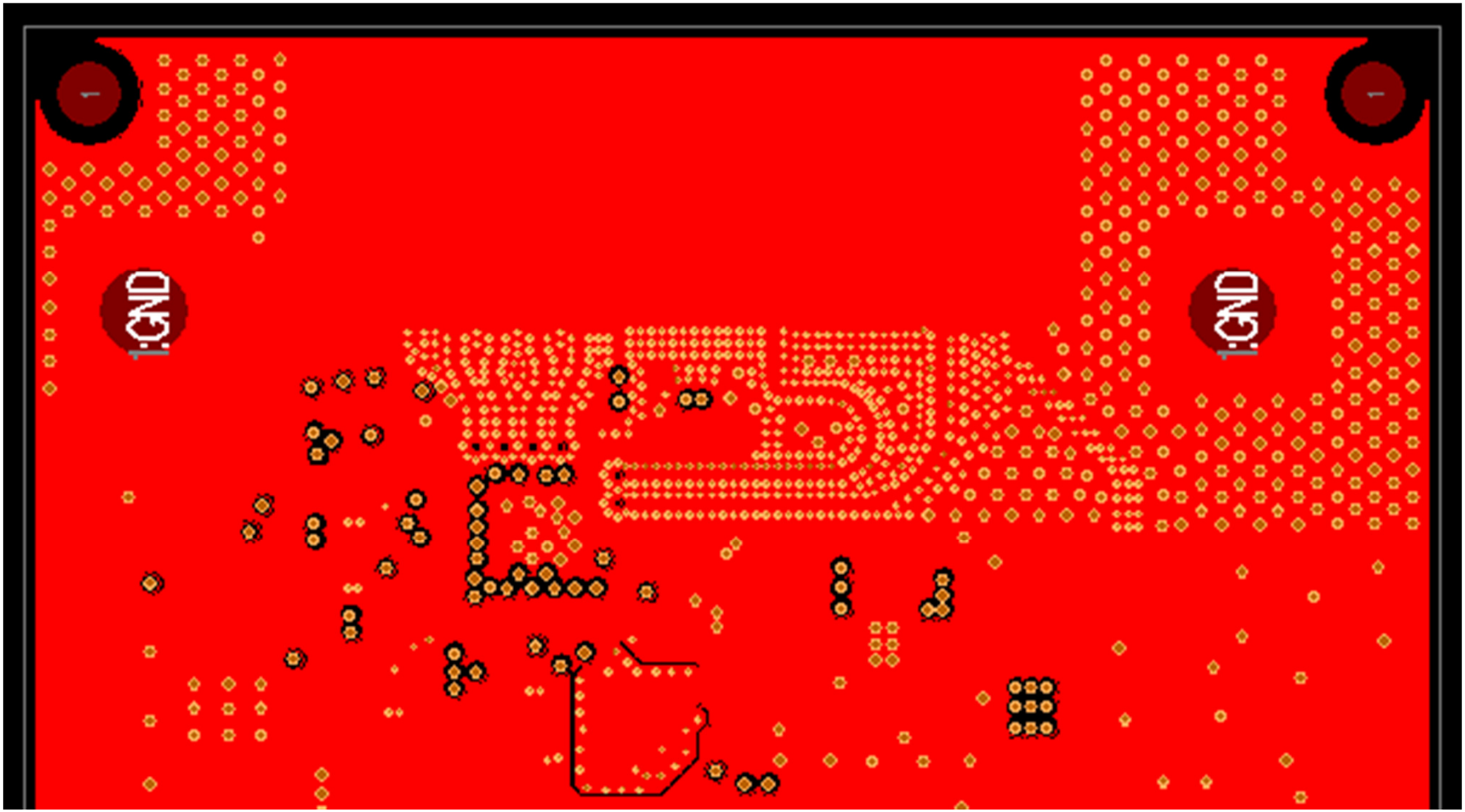
L6 TX Antenna



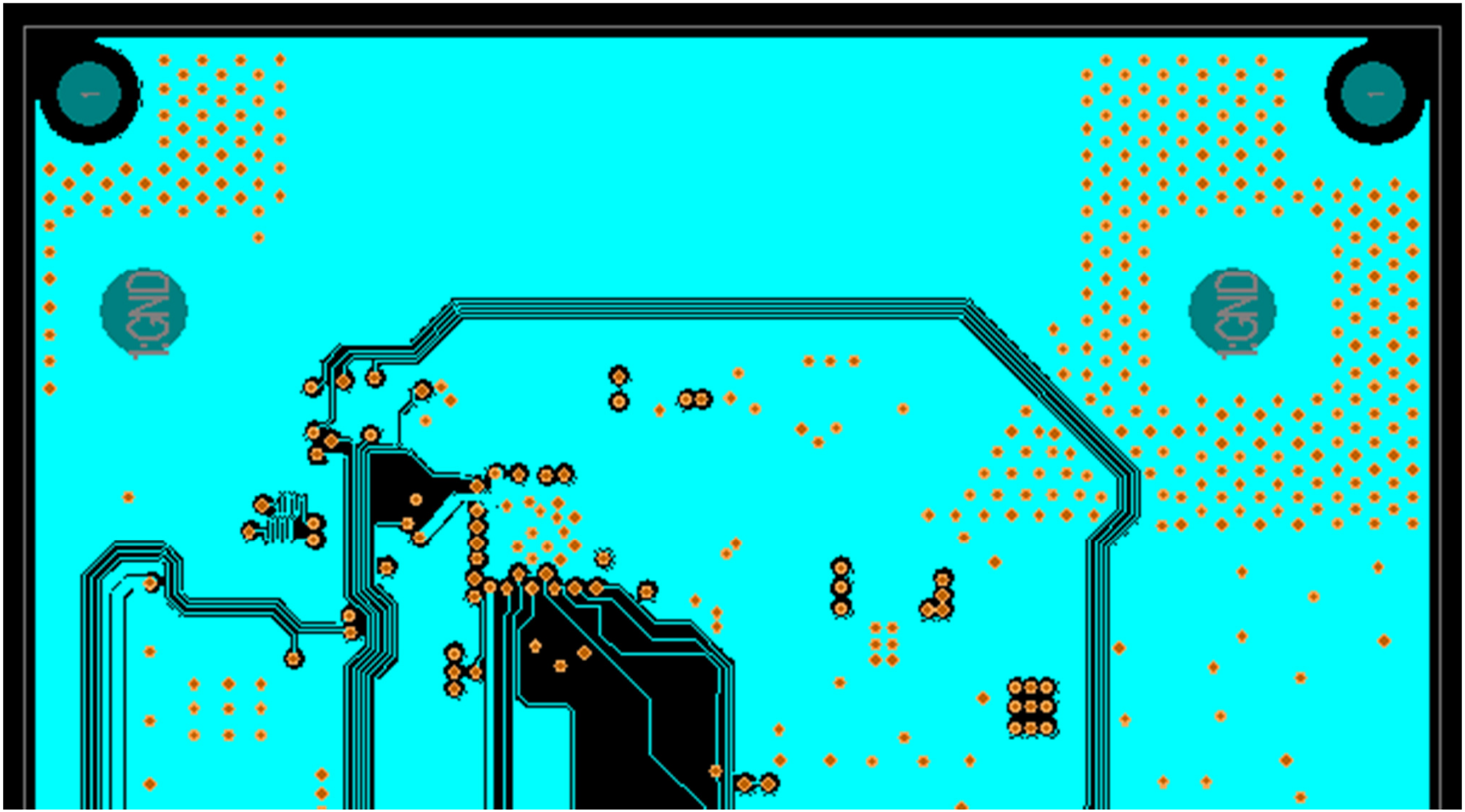
L1 Antenna



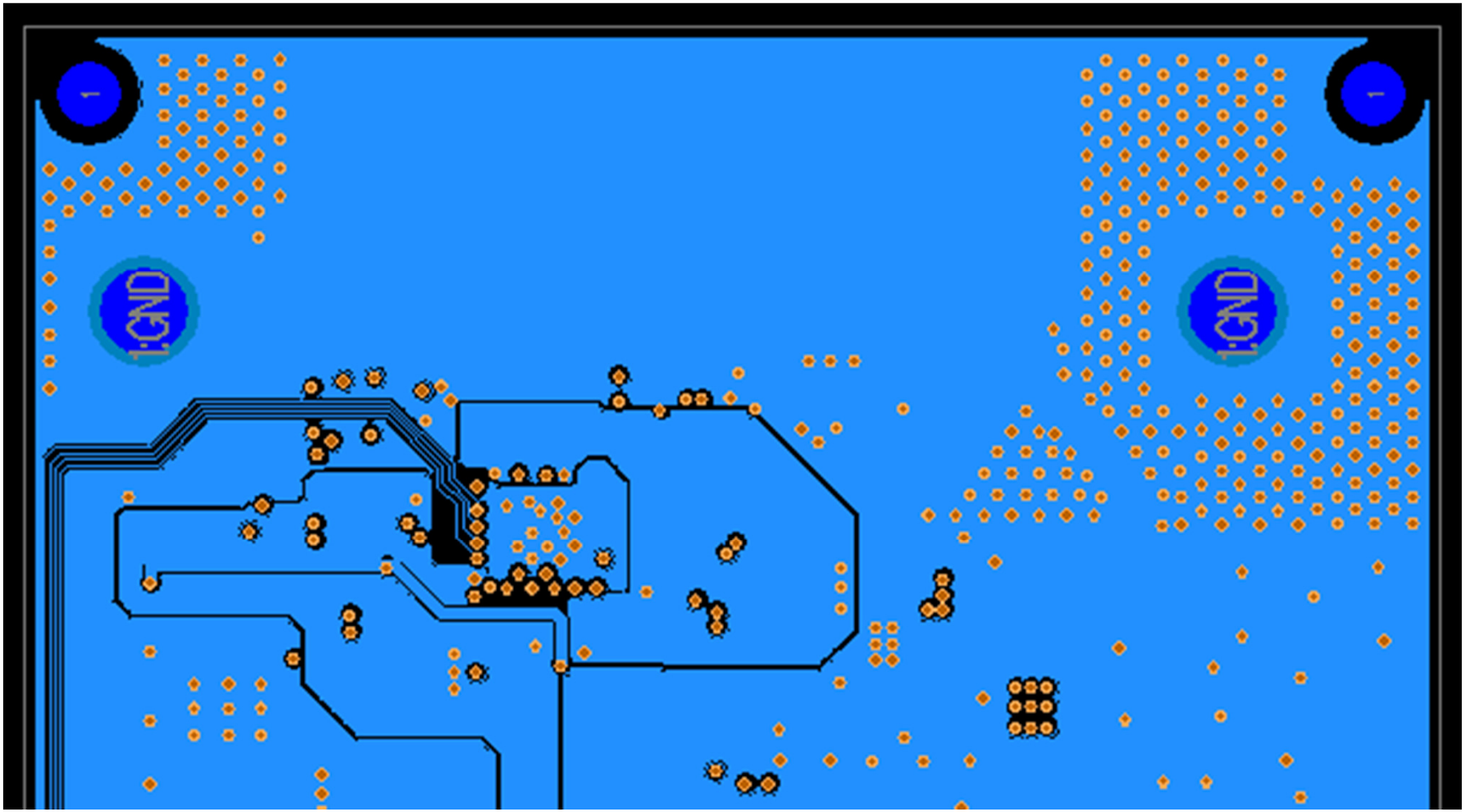
L2 Antenna



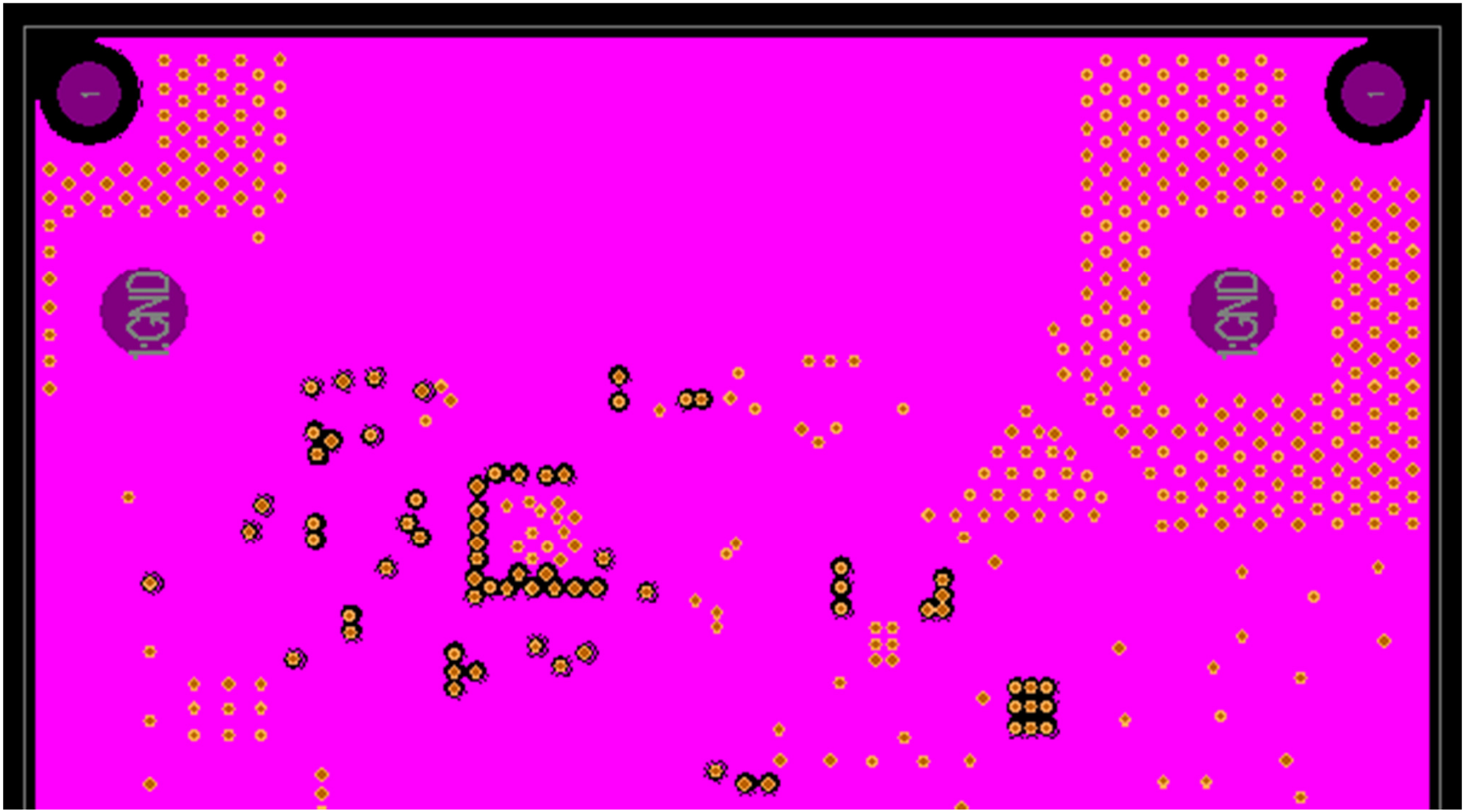
L3 Antenna



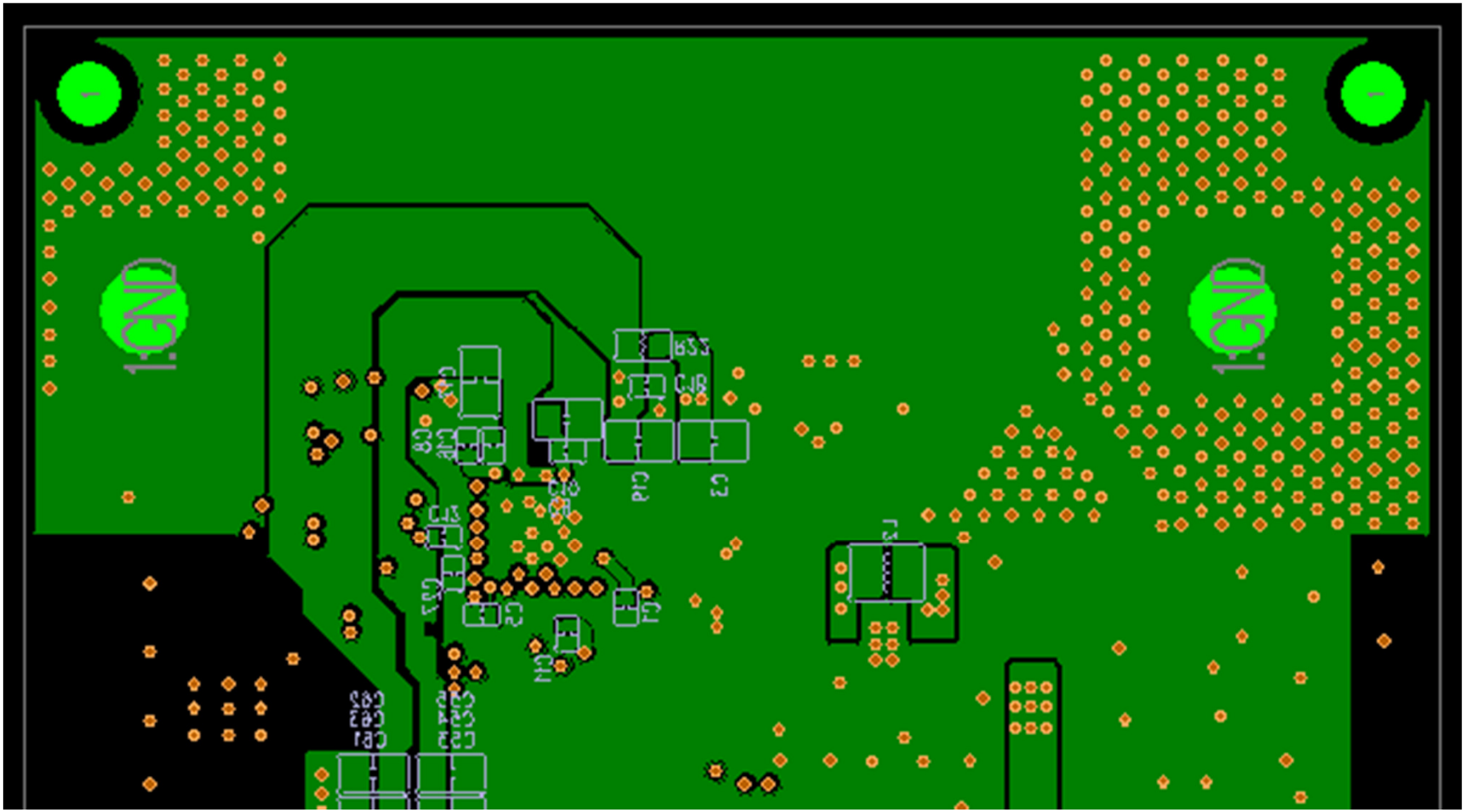
L4 Antenna



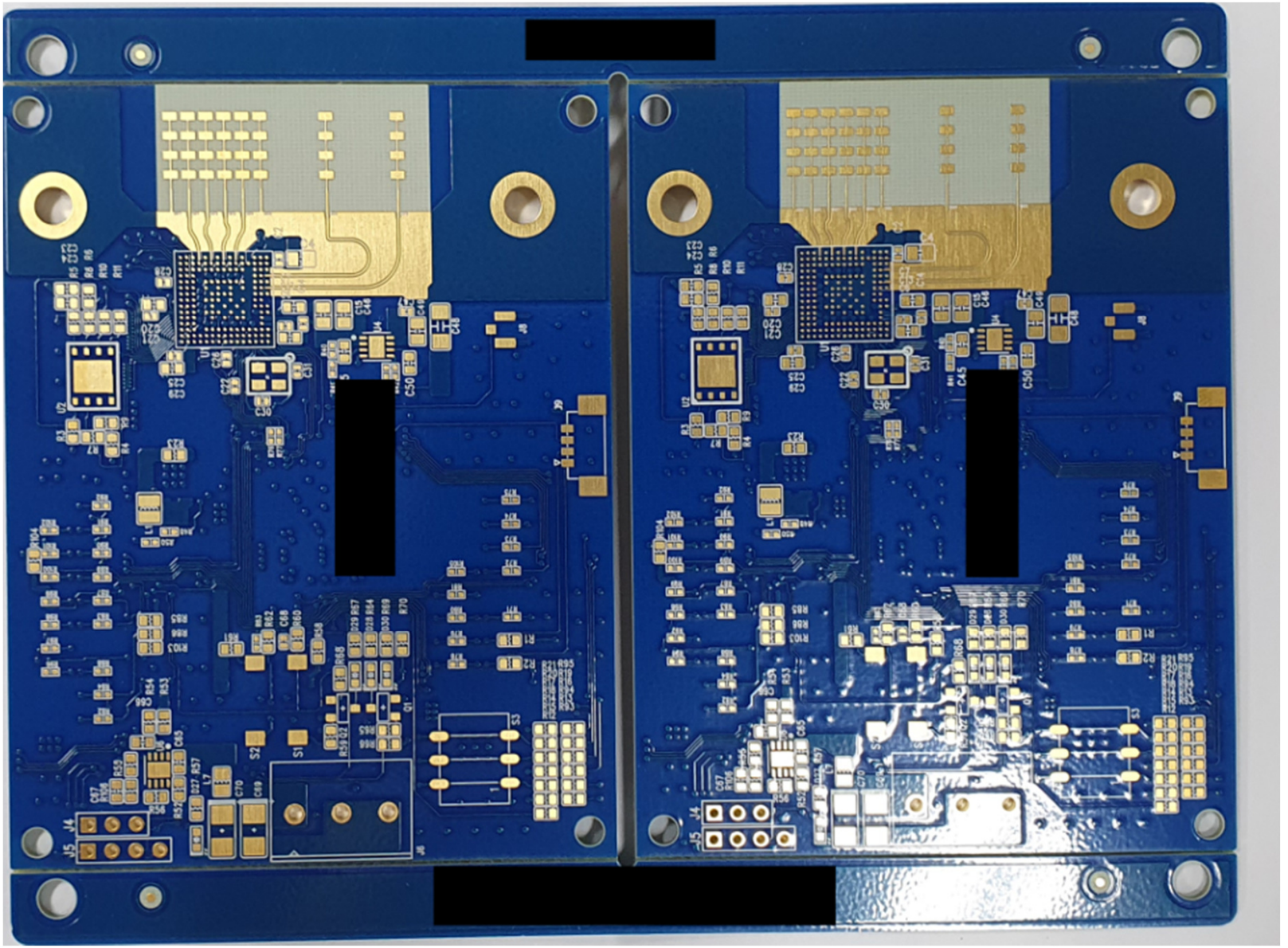
L5 Antenna



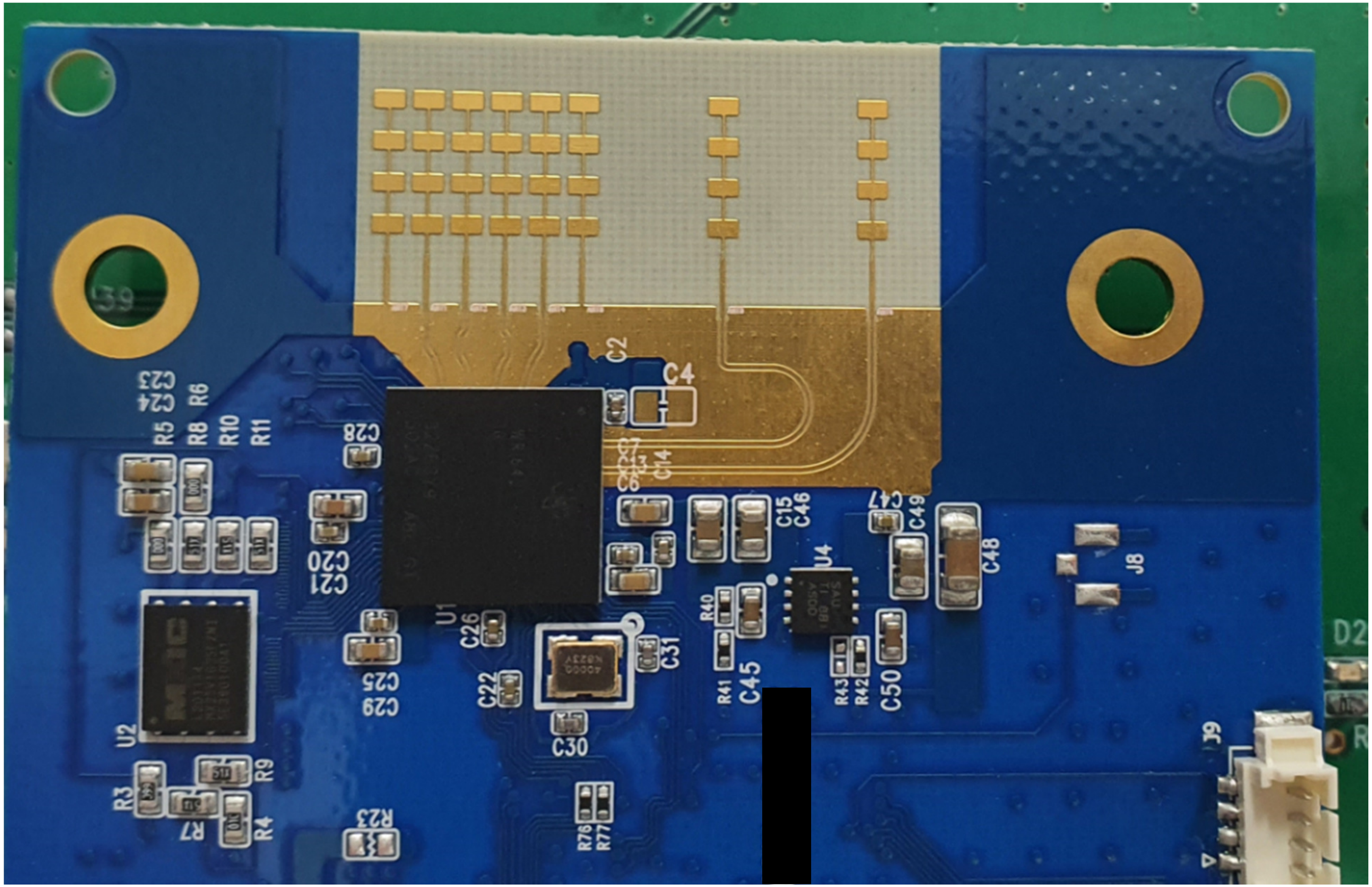
L6 Antenna



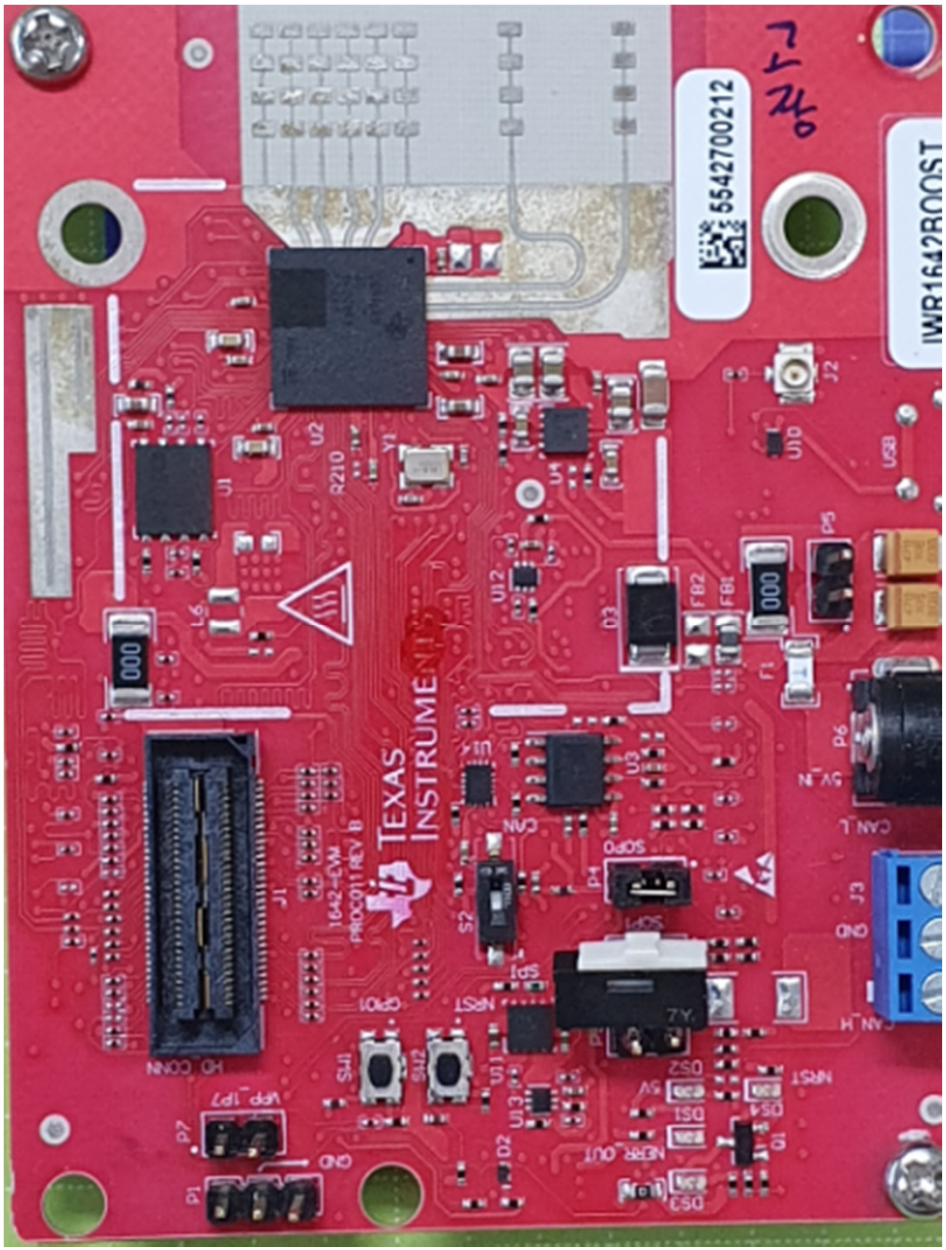
Result (Not SMT)



Result (SMT)

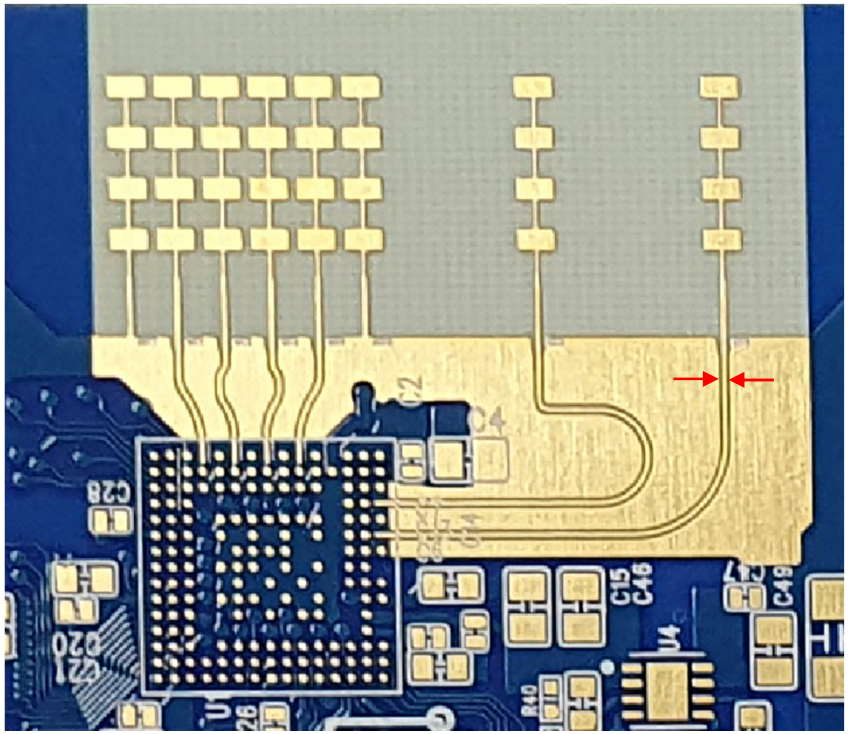

C23
C24
R6
R5
R8
R10
R11
C28
C2
C4
C7
C13
C14
C6
C15
C46
C47
C49
C48
U4
J8
C20
C21
U1
C26
C31
C22
C30
C25
C29
R40
R41
C45
R43
R42
C50
U2
R3
R9
R7
R4
R23
R76
R77
J9
D2

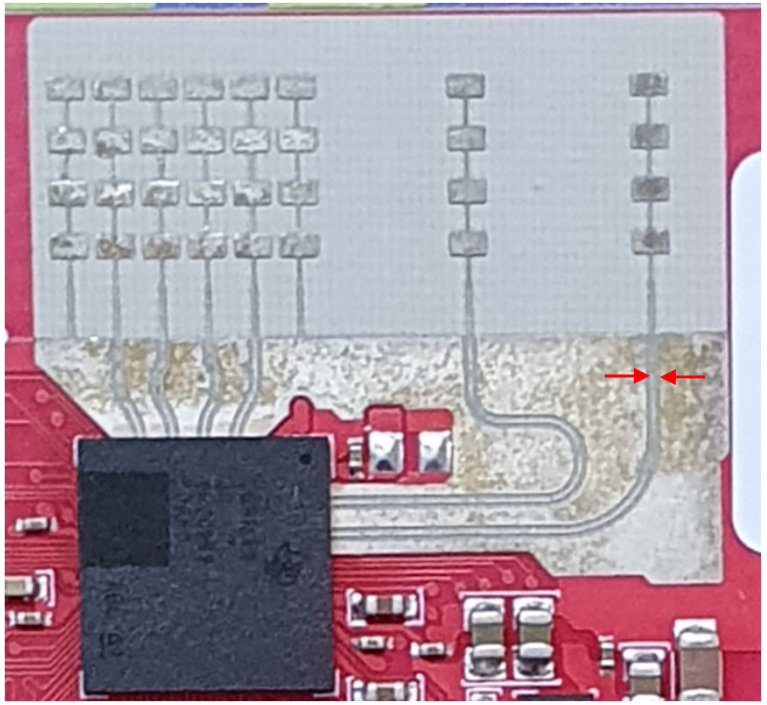
IWR1642 Boost



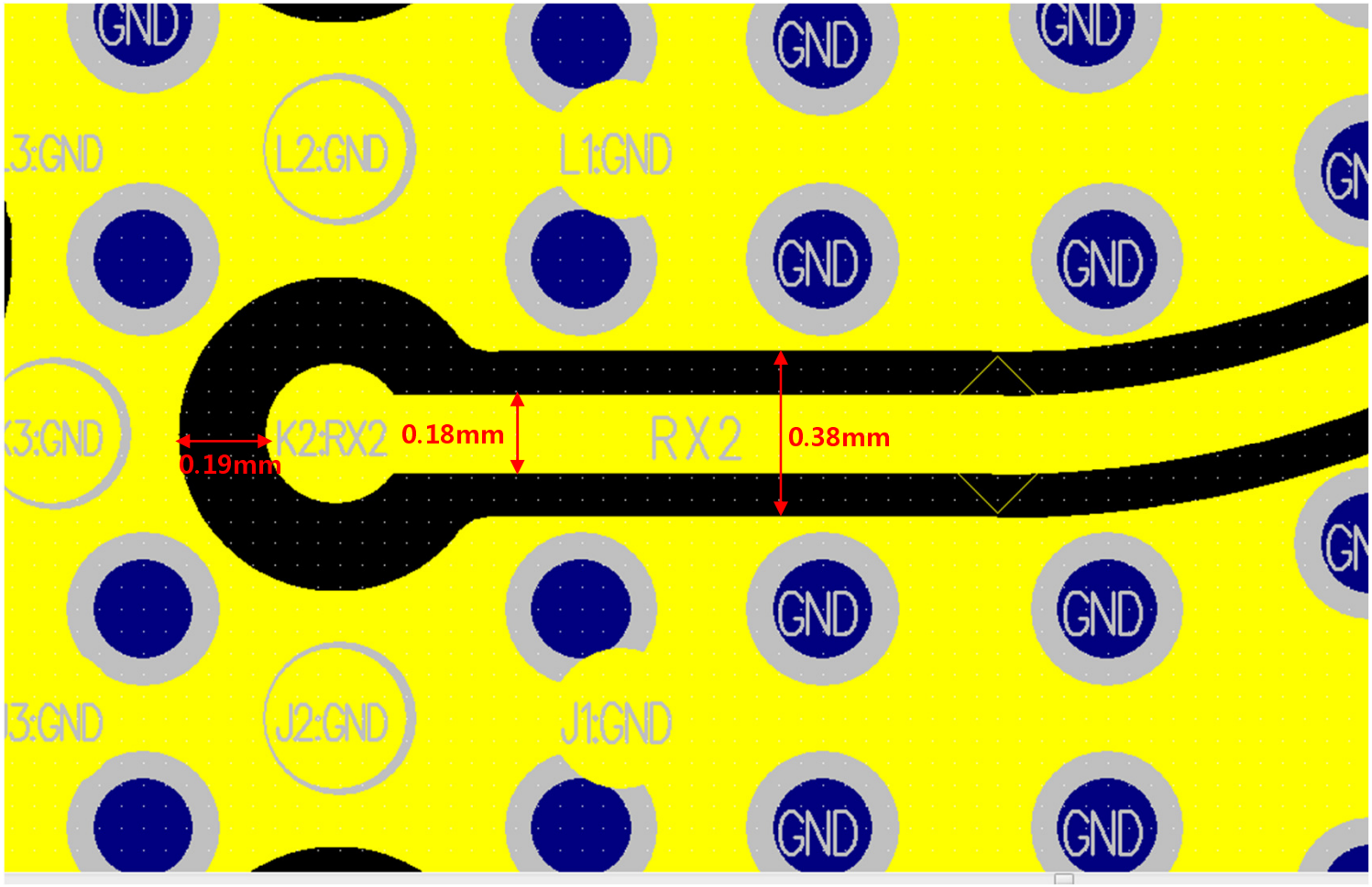
Question

If the gap between the wiring reaching the TX(RX) antenna and the surrounding ground is close, can performance degrade?





Space for Rx antenna



Space for Tx antenna