

Antenna Type : PCB Antenna

Brand : Quanta Computer Inc

Address : No.188 , WenHua 2nd Rd., Guishan
Taoyuan City , Taiwan

Model : MHC

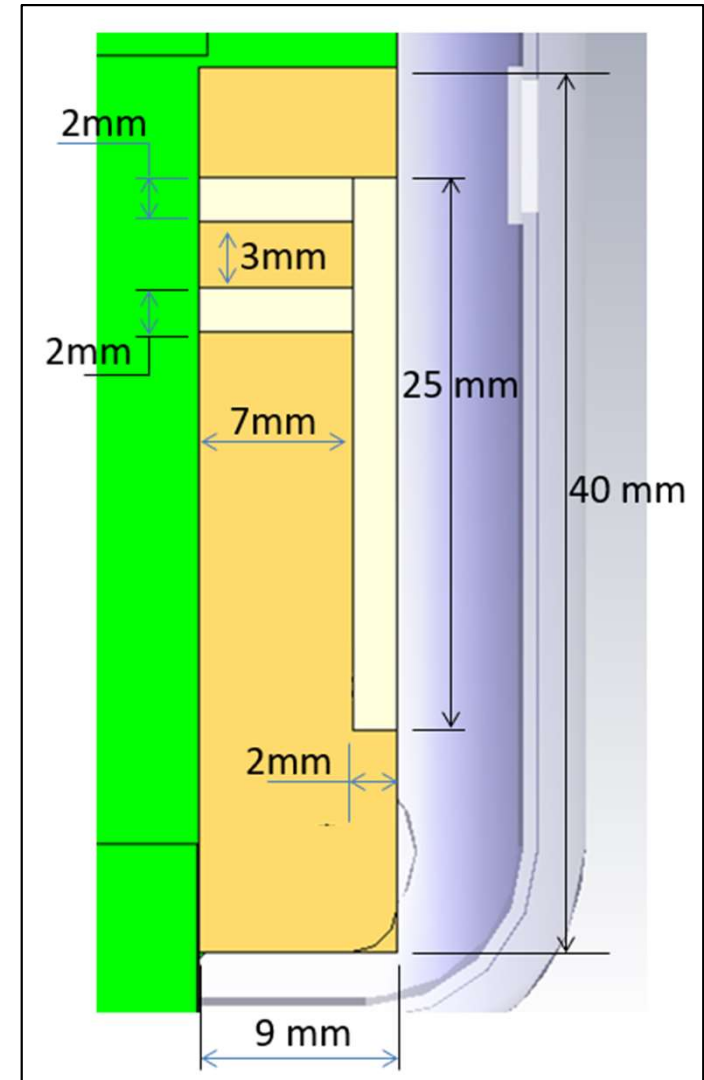
Gain : 2.40GHz , 0.96 dBi
2.44GHz , 0.92 dBi
2.48GHz , 1.82 dBi

Antenna Dimension: 40 mm * 9 mm

Thickness : 1.2 mm

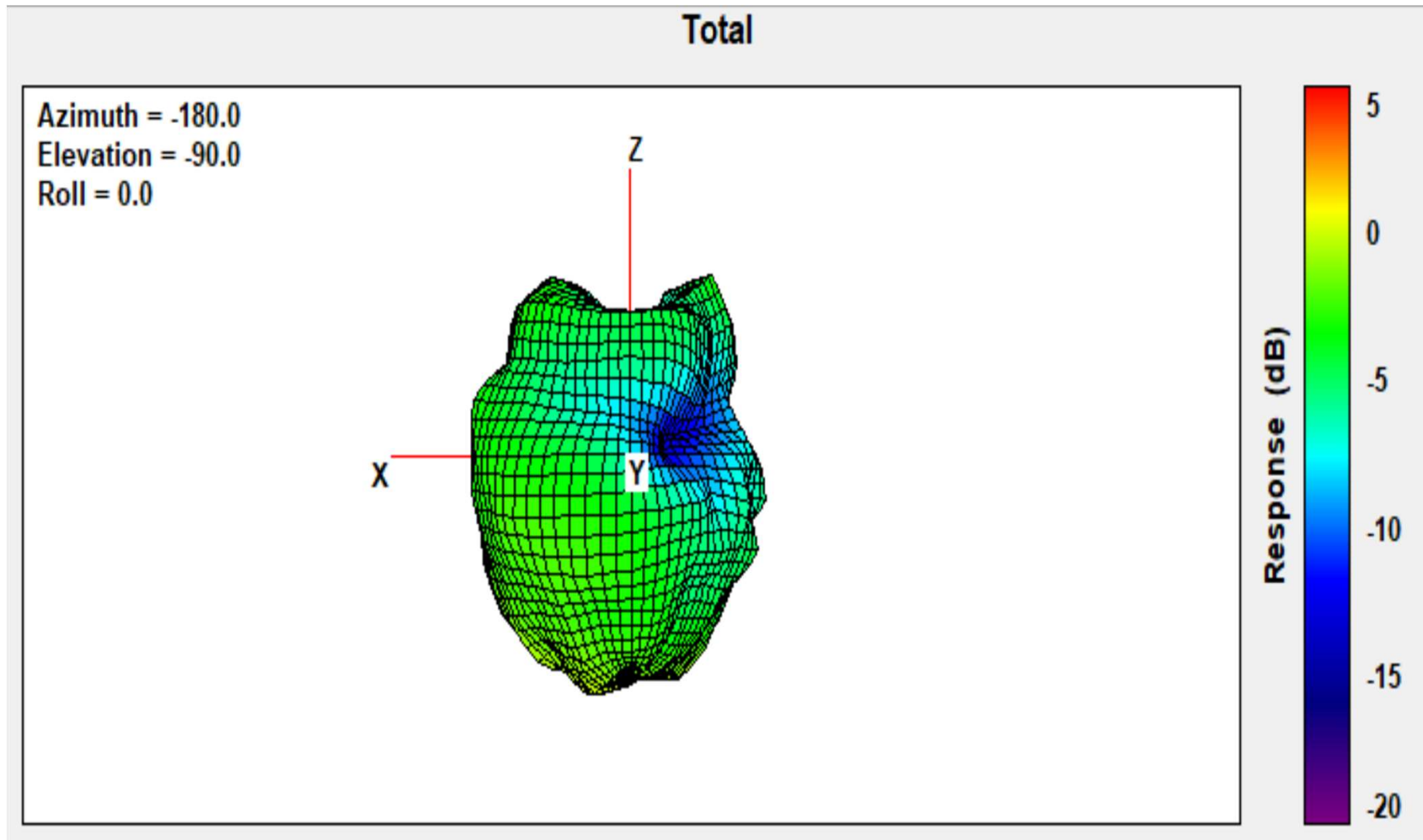
Dielectric constant : 3.7

Impedance : 50 ohm



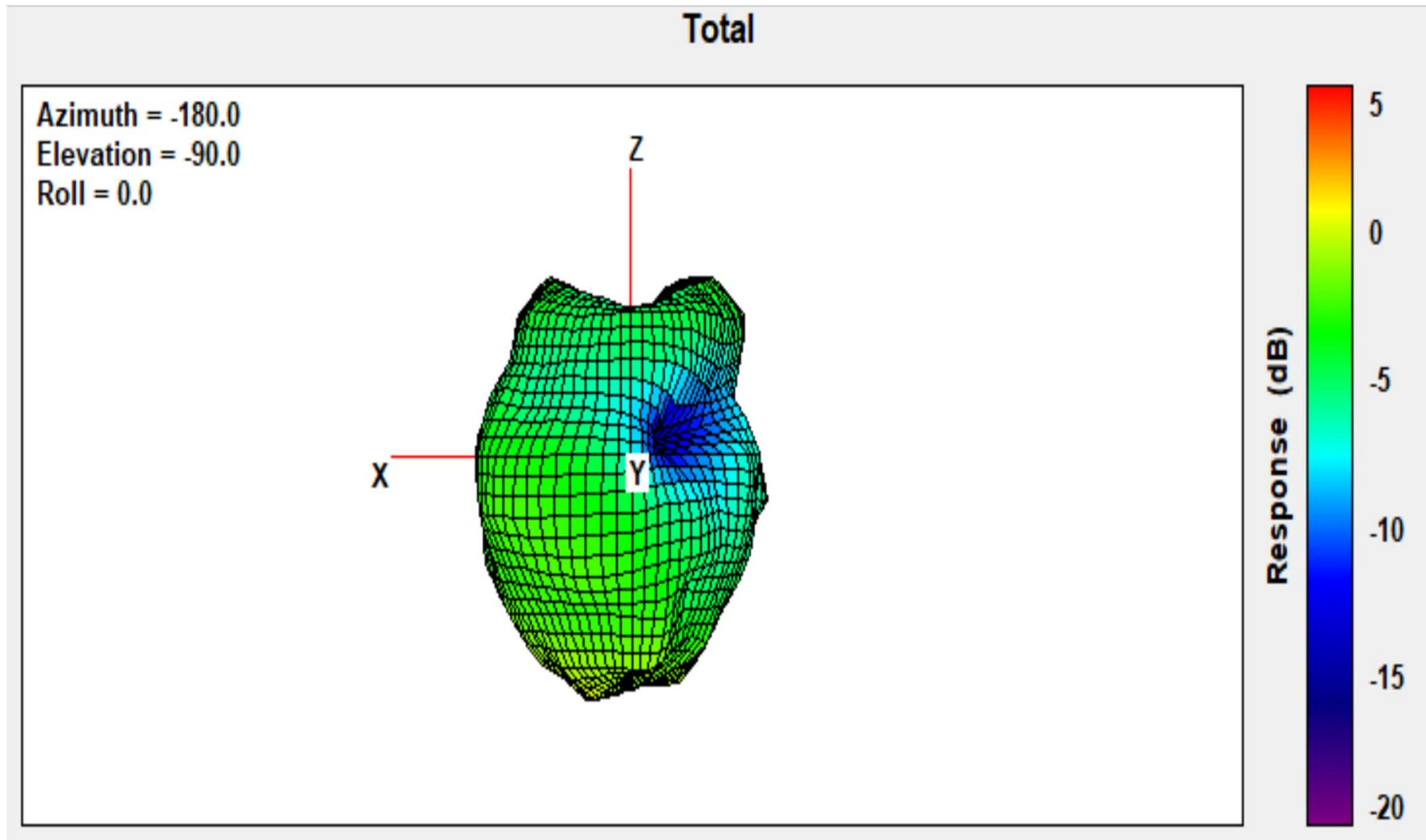
QOCA bioreader

Antenna Radiated pattern-2.4GHz



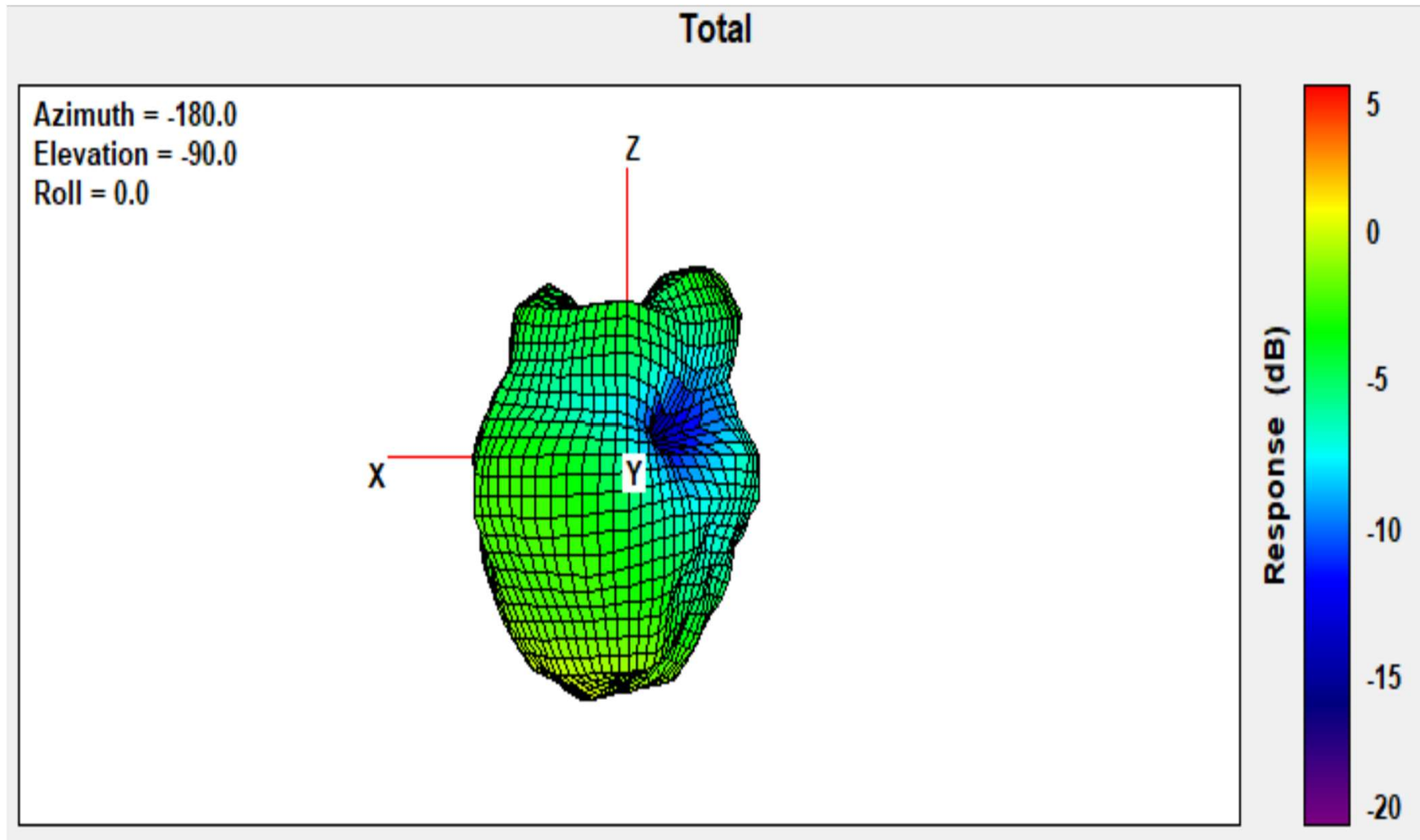
QOCA bioreader

Antenna Radiated pattern-2.44GHz



QOCA bioreader

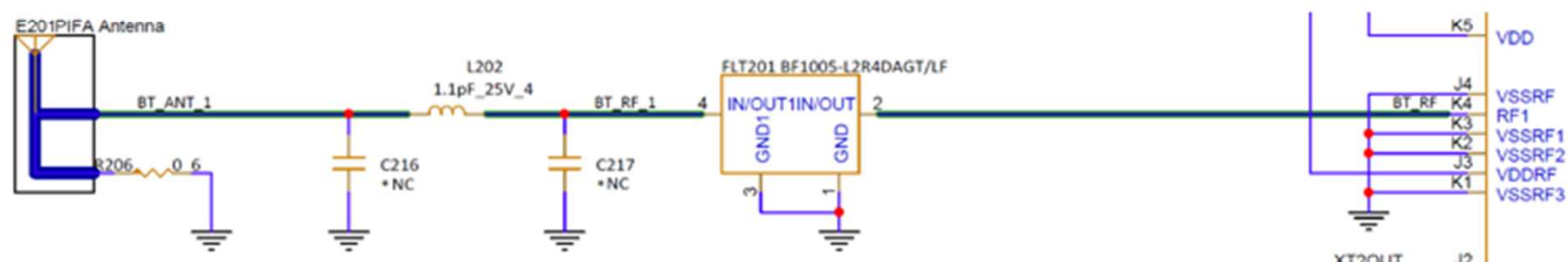
Antenna Radiated pattern-2.48GHz



Thickness: 1.2 mm (6-Layers) ←

Dielectric constant: 3.7 ←

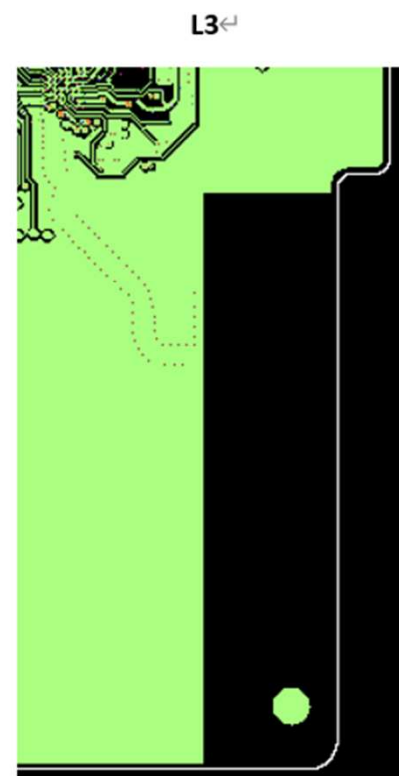
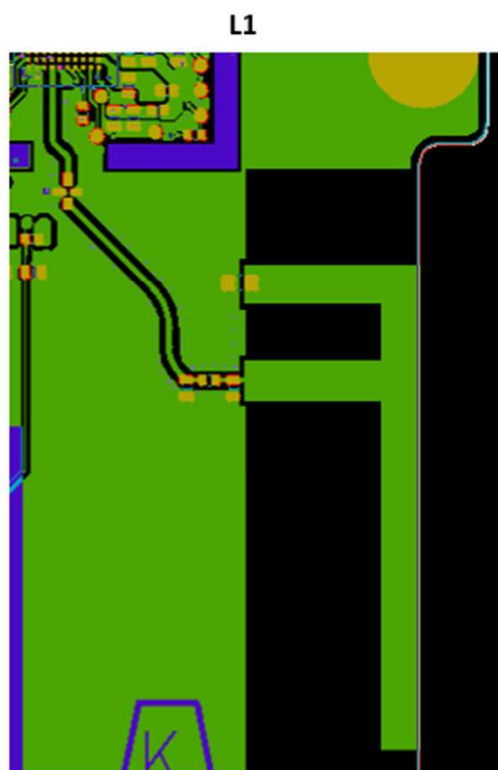
Schematic ←



Matching Circuit ←		
C216 ←	L202 ←	C217 ←
DNP ←	1.1pF ←	DNP ←

PCB Layout (from "RF1" pin to PIFA antenna) ←

- No ground on layer 2 under RF trace ←



EUT Setup Photograph

