
Elo Pay 15" NFC Antenna

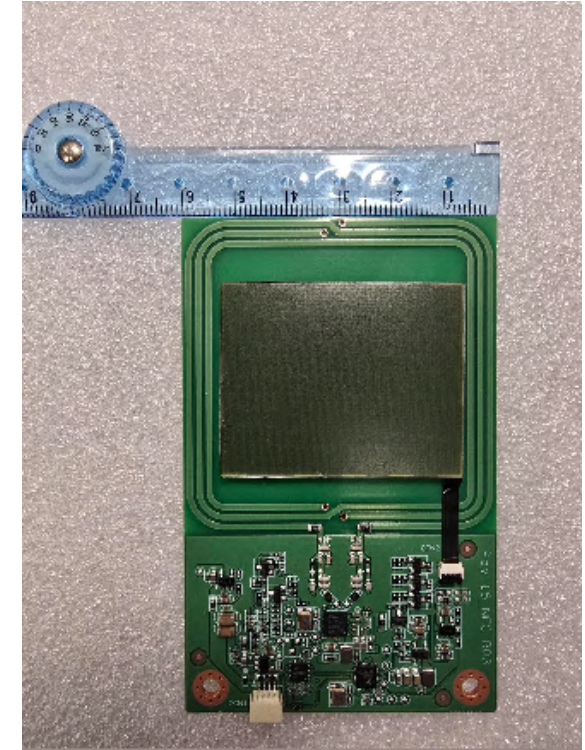
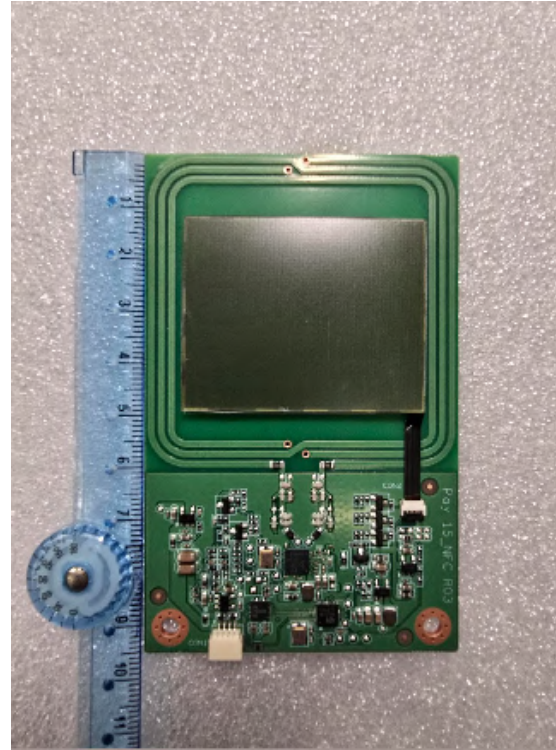


Antenna Version

Revision	Eng.	Date	Description
01	Claude Cheng	2025/11/21	Initial Release

Antenna Dimension

1. Dimension: 60mm x 60mm
2. Type: 3 turns PCB



NFC Matching Circuit

Change List:

L5&L6: From 150nH to 160nH

C52&C56: From 470pF to 390pF

C53&C57: From 330pF to 390pF

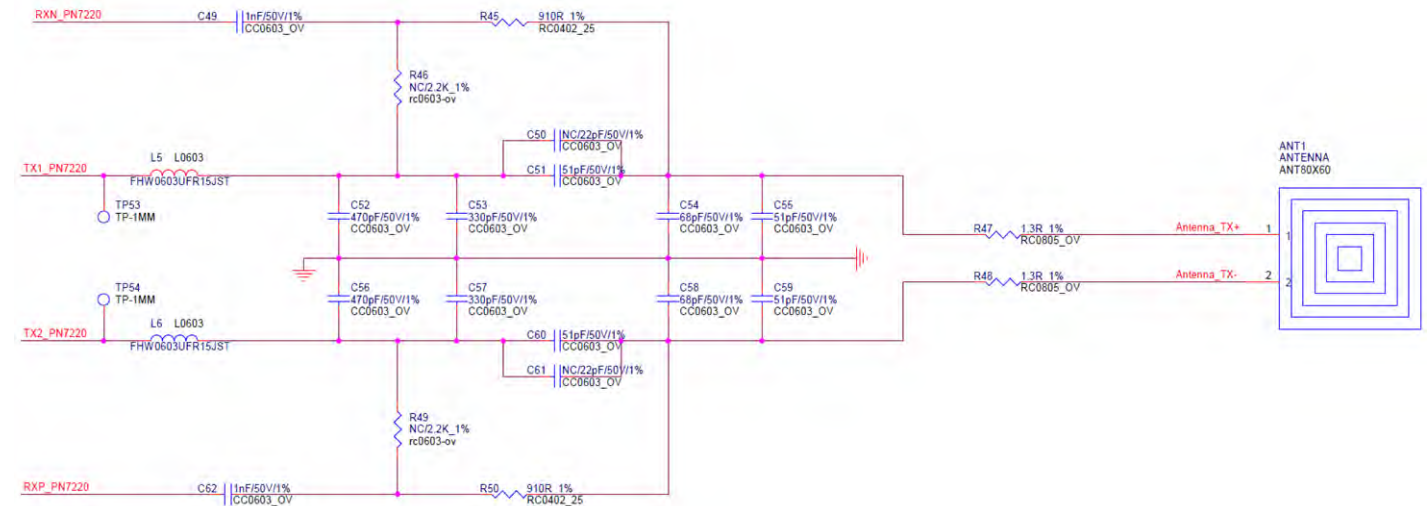
C51&C61: From 51pF to 47pF

C54&C58: From 68pF to 100pF

C55&C59: From 51pF to 18pF

R47&R48: From 1.3R to 0R

ANTENNA Interfacing



Frequency Response

1. Impedence@13.56MHz: $16.4\text{ohm} + j2.3\text{johm}$



