
Z30 Gen2 NFC Antenna

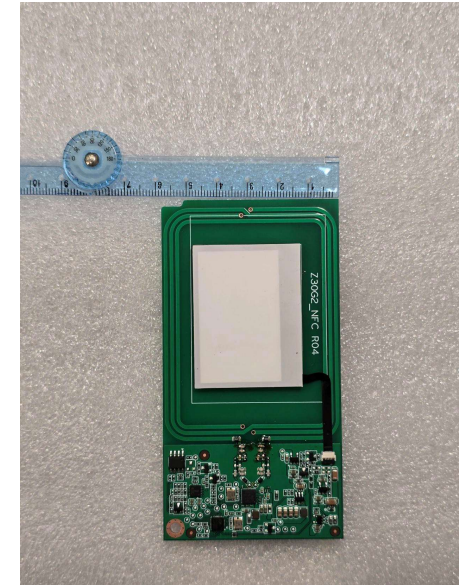
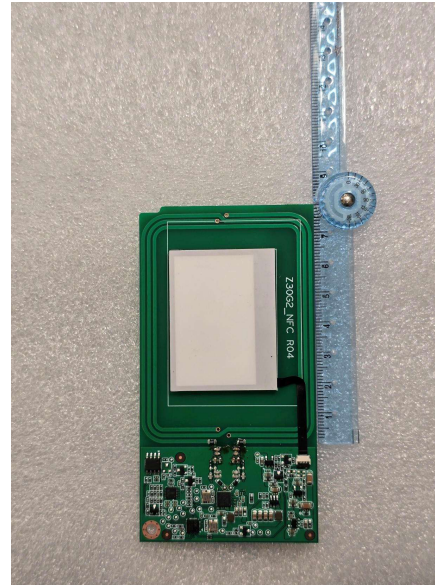


Antenna Version

Revision	Eng.	Date	Description
01	Claude Cheng	2025/10/29	Initial Release

Antenna Dimension

1. Dimension: 60mm x 80mm
2. Type: 3 turns PCB



NFC Matching Circuit

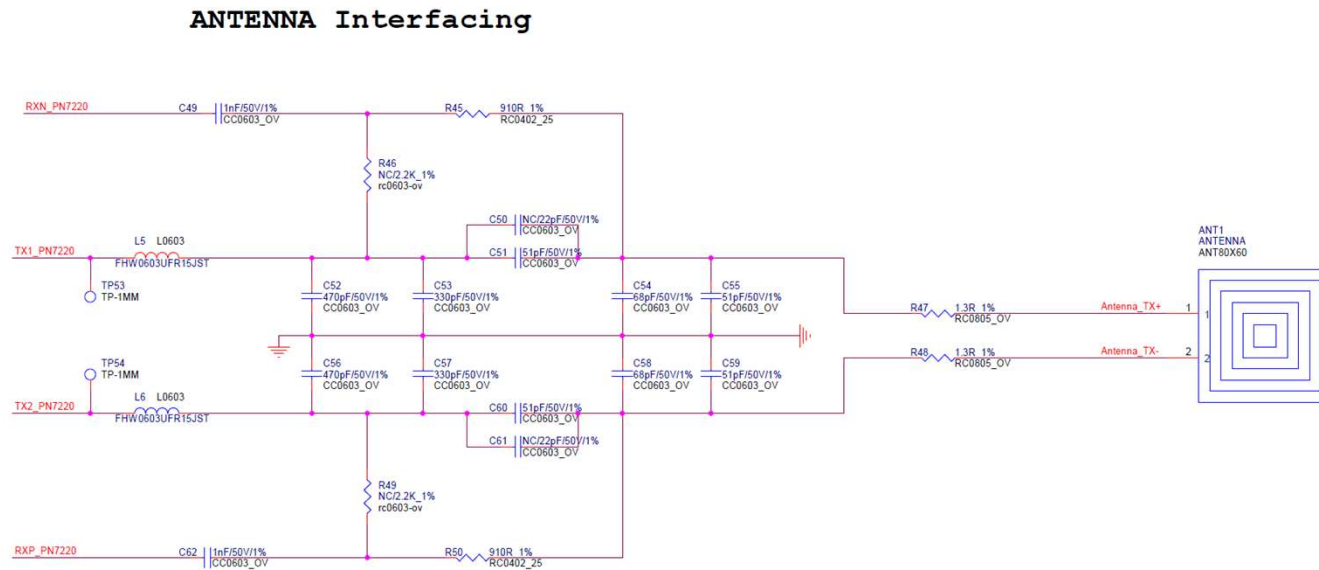
Change List:

C50: From NC to 18pF

C61: From NC to 18pF

C55: From 51pF to 15pF

C59: From 51pF to 15pF



Frequency Response

1. Impedence@13.56MHz: $16.5 + j2.4 \Omega$
2. Gain: 0dBi @ 13.56MHz

