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PROPRIETARY AND CONFIDENTIAL

APDM Opal v1 Access Point (AP) Internal Photos

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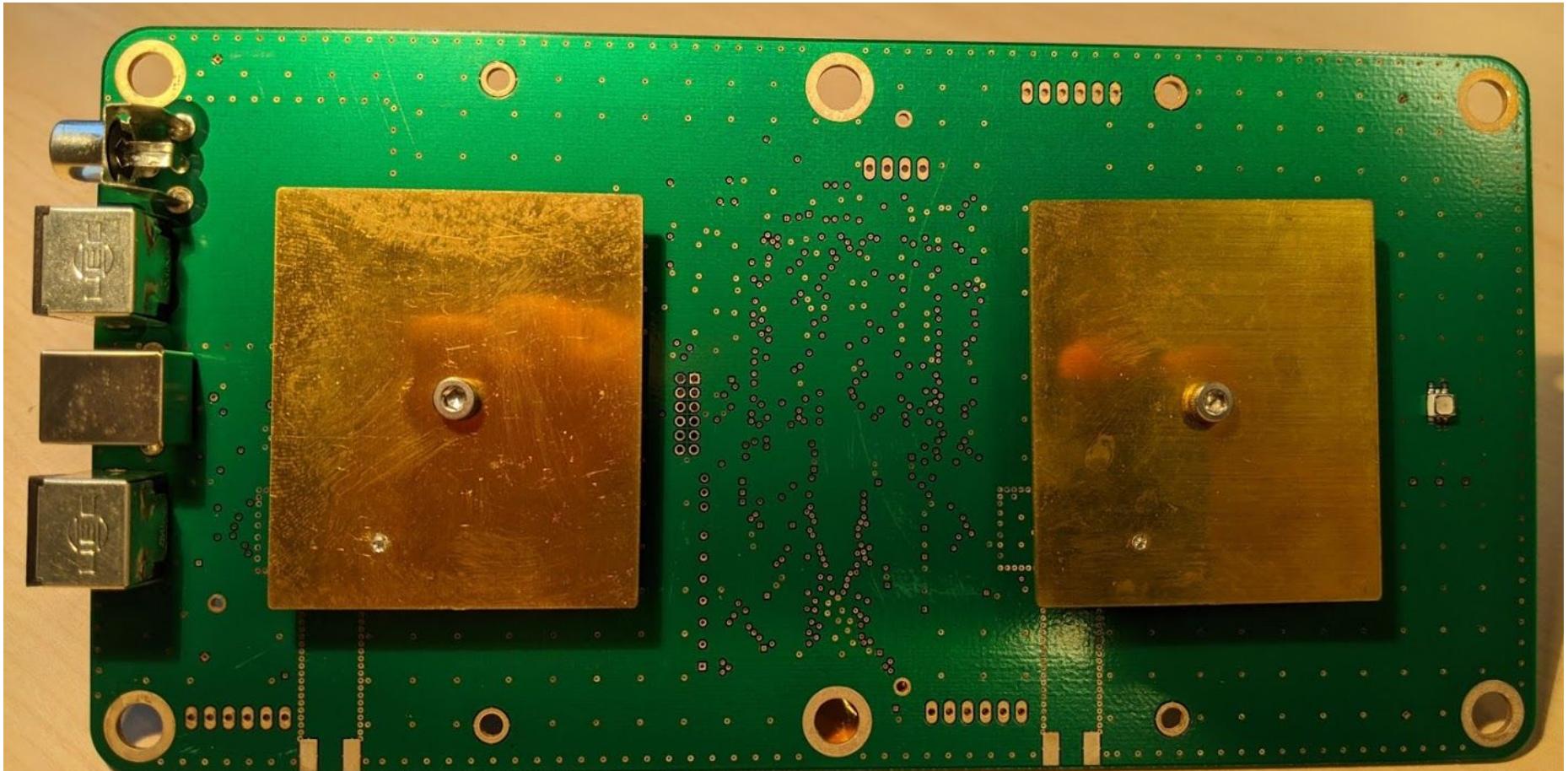


Figure 1: Front of PCBA, showing both 2.4 GHz RHCP patch antennas.
Note the central fastener and small feed pin in the lower left hand corner of each patch.
Antenna 1 is on the right, Antenna 2 is on the left.

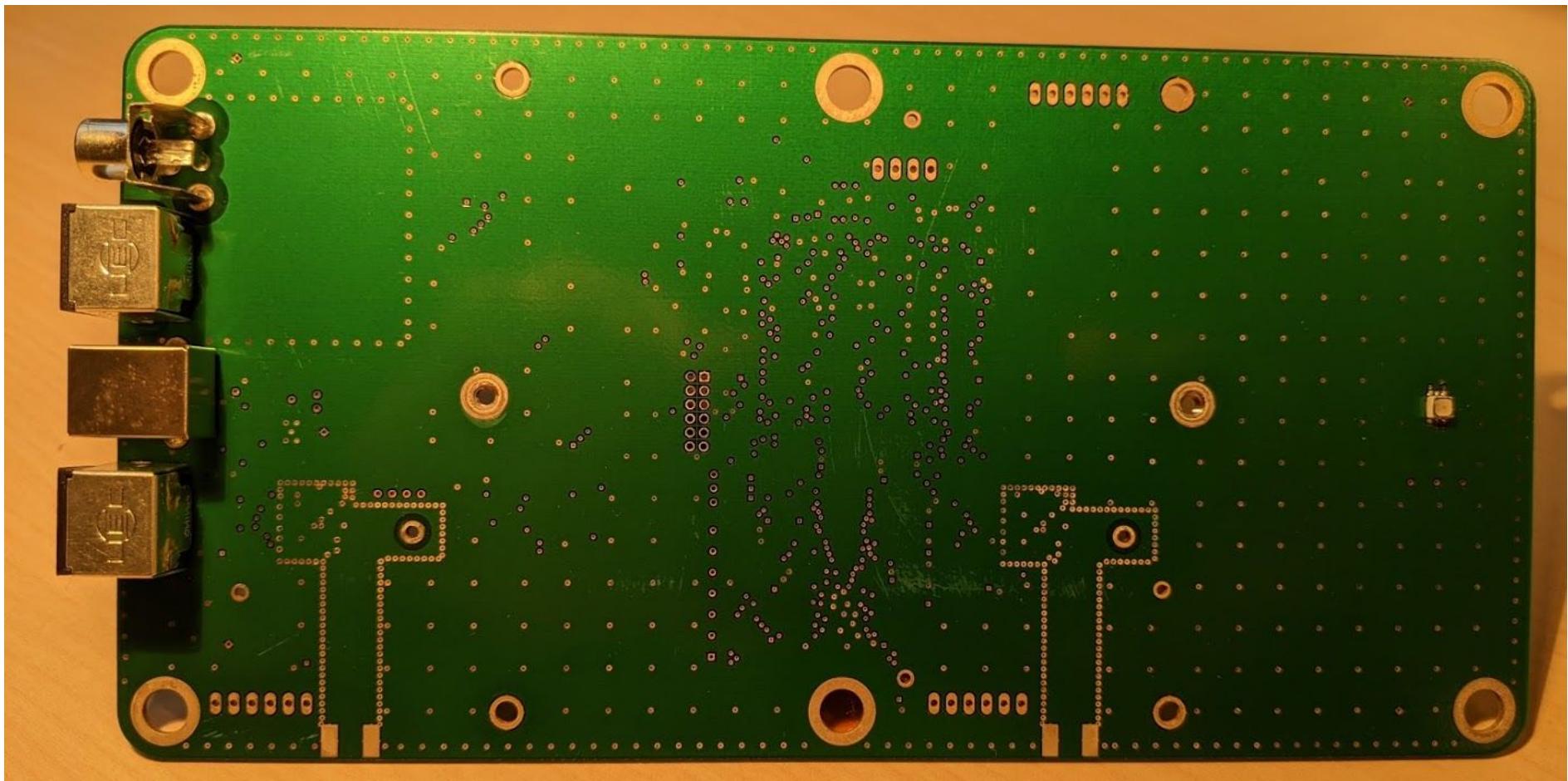


Figure 2: Front of PCBA, with patch antennas removed.
Note that there are no active components on the top surface of the PCBA.

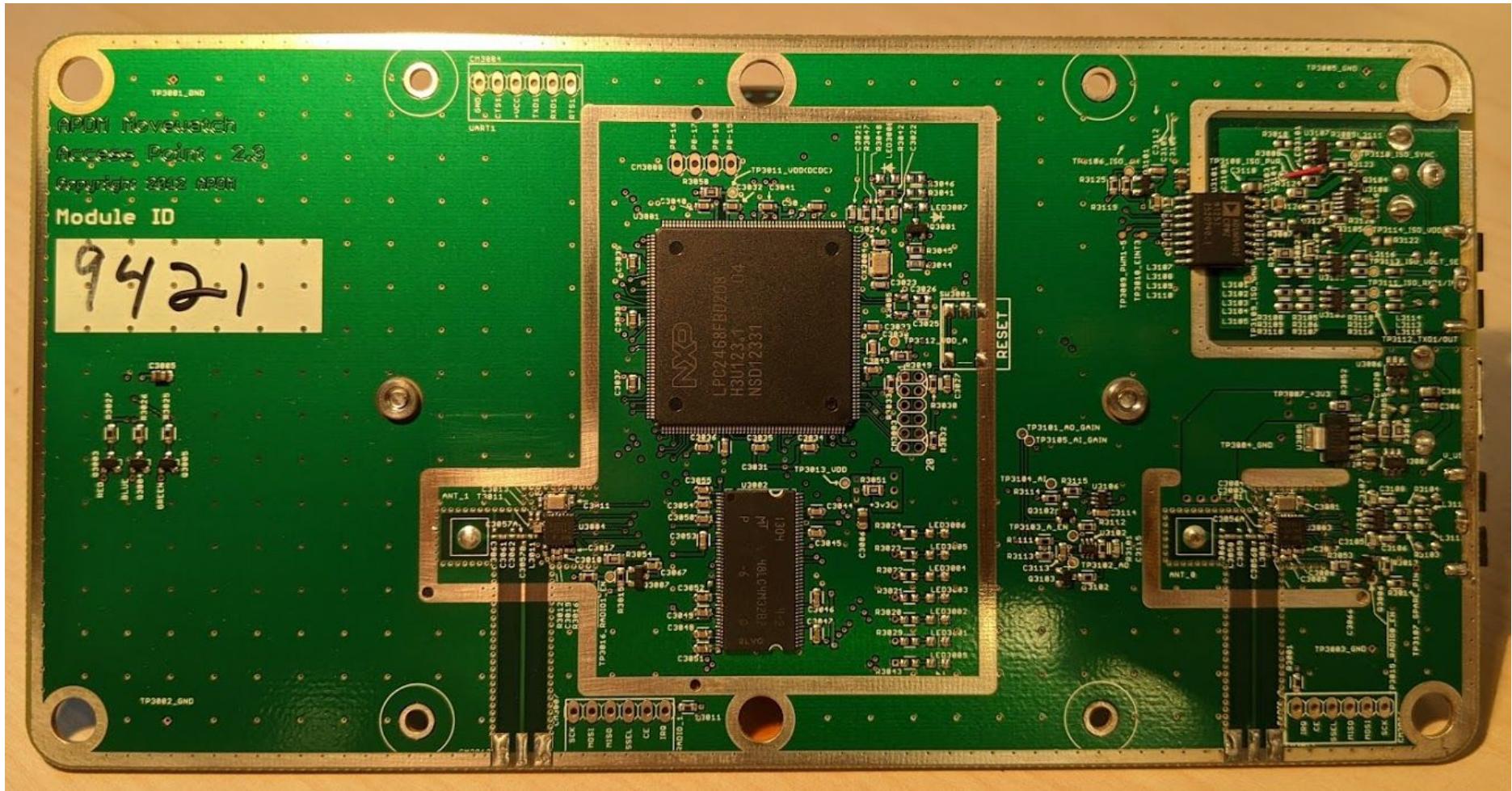


Figure 3: Back of the PCBA, showing the active components.

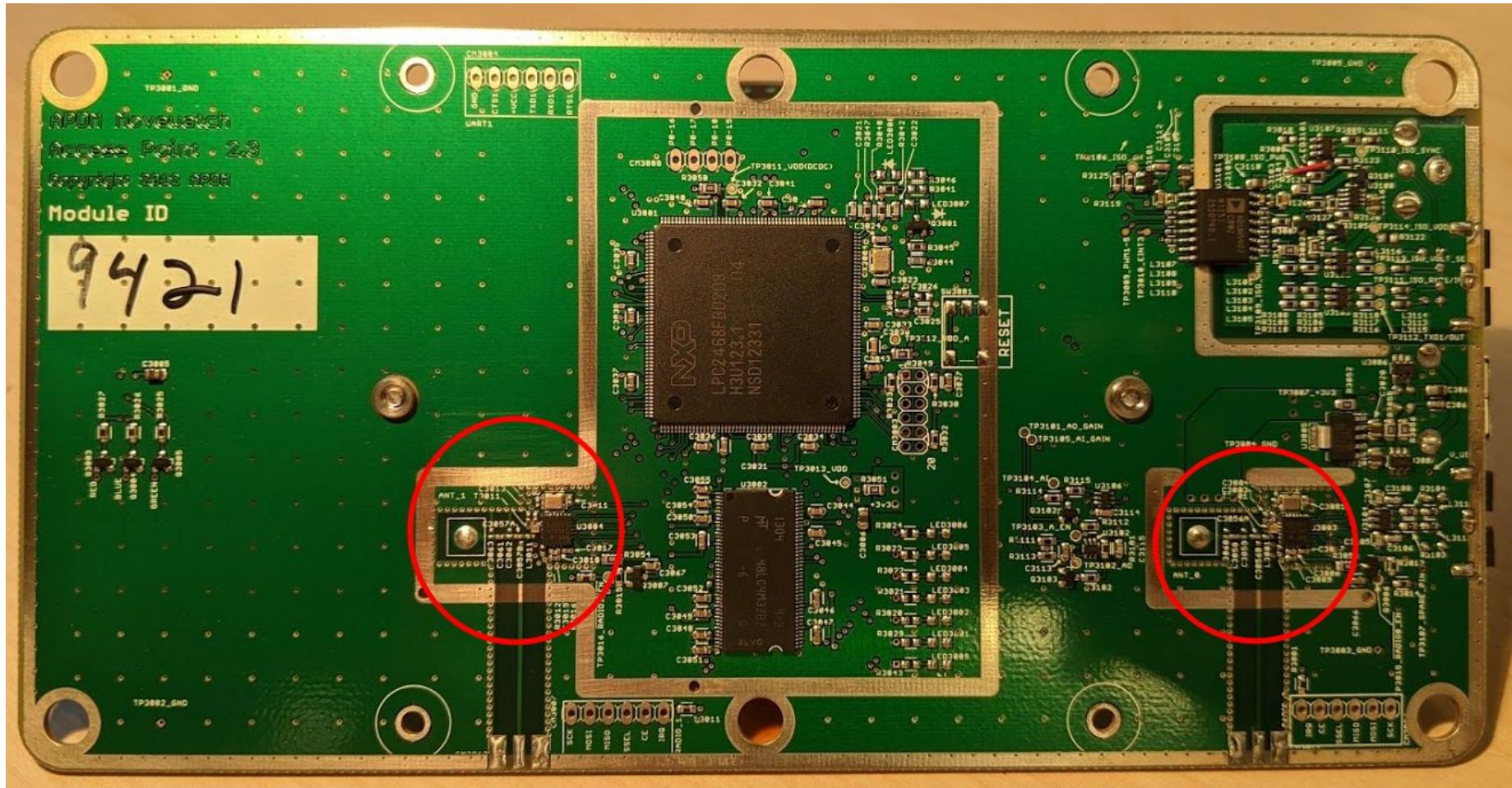


Figure 4: Back of the PCBA, nRF24L01+ radio ICs identified by red circles.

Radio 1 is on the left, Radio 2 is on the right.

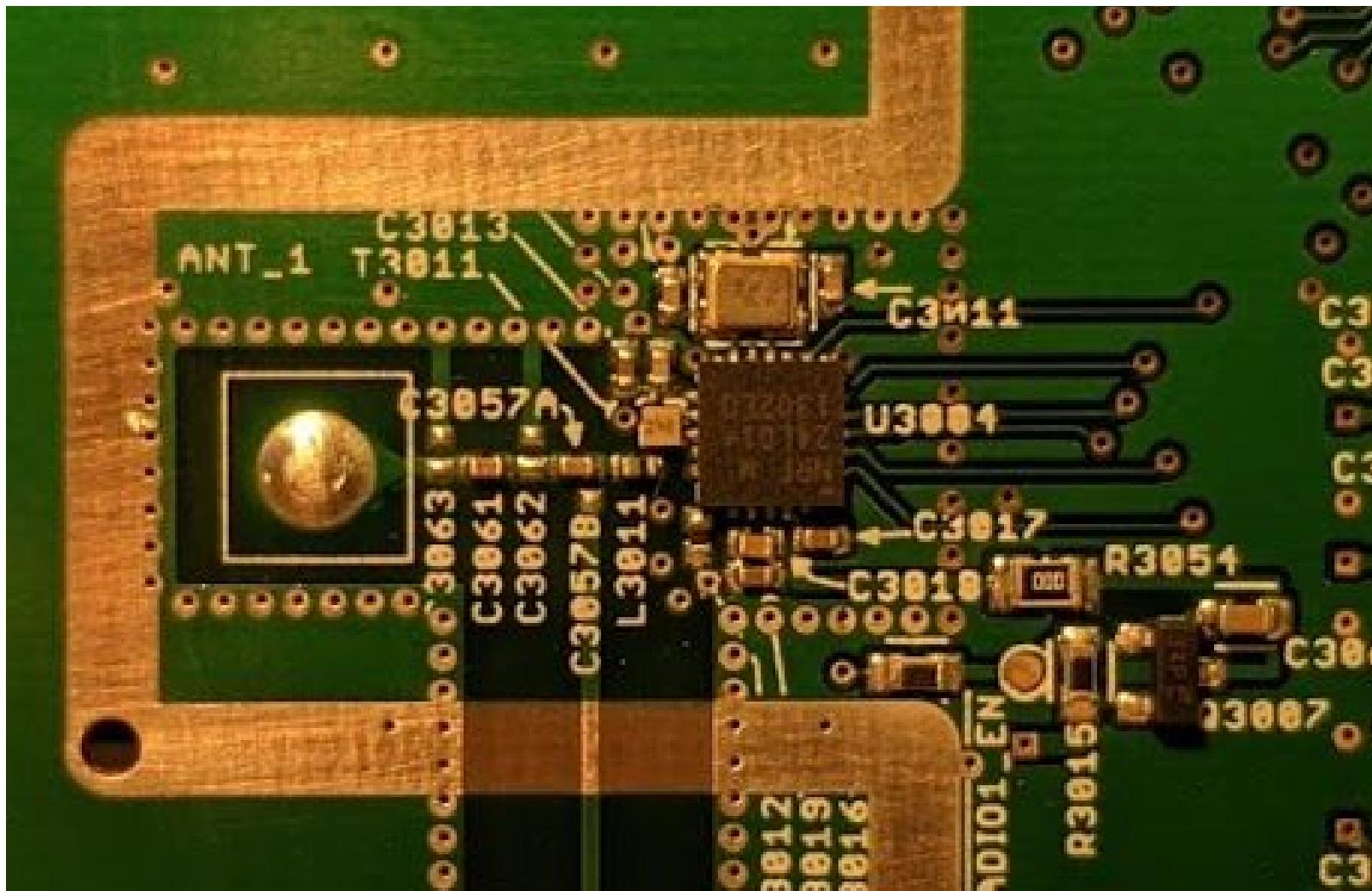


Figure 5: Detail of Radio 1 on back of PCBA which goes to Antenna 1

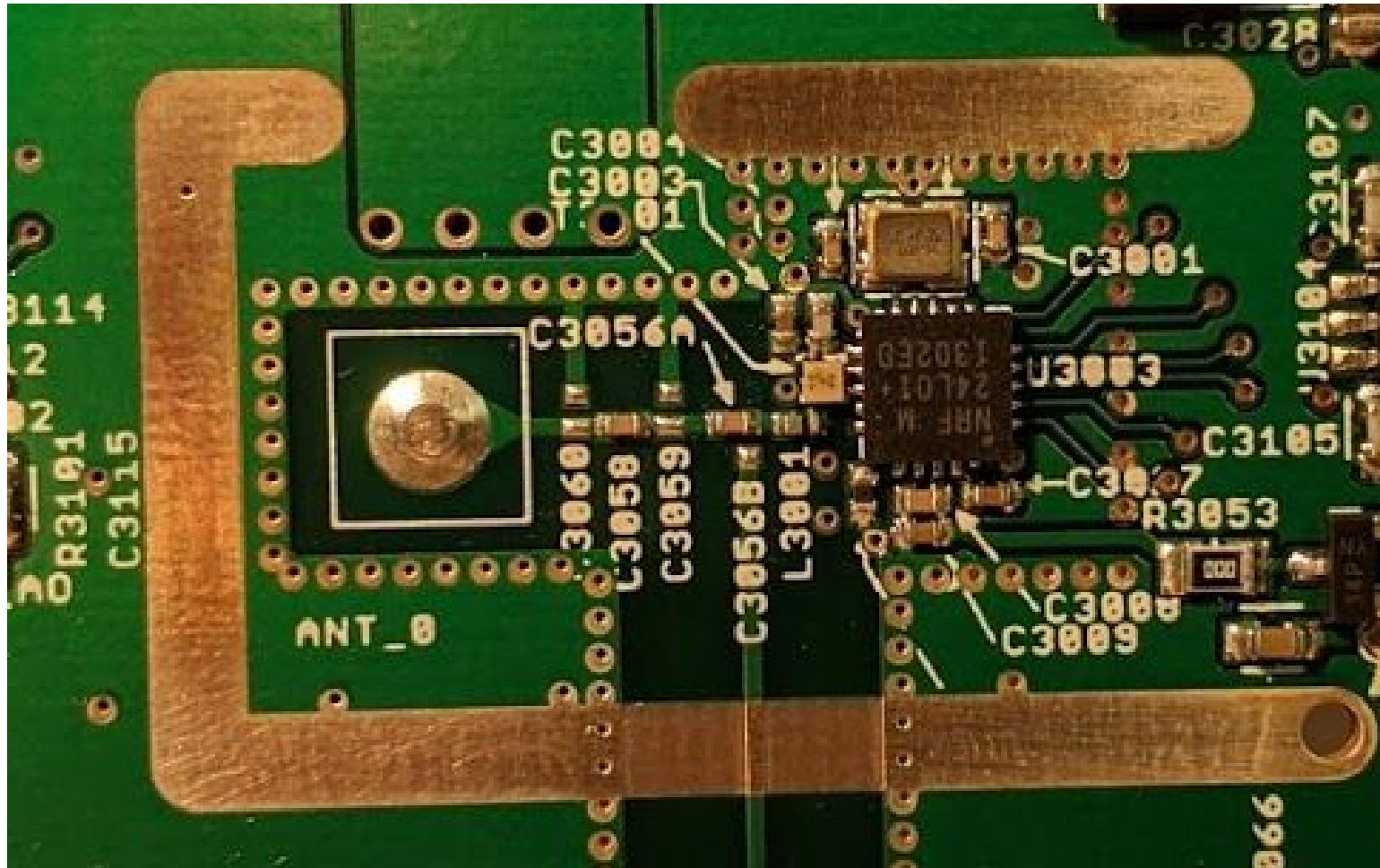


Figure 6: Detail of Radio 2 on back of PCBA which goes to Antenna 2