

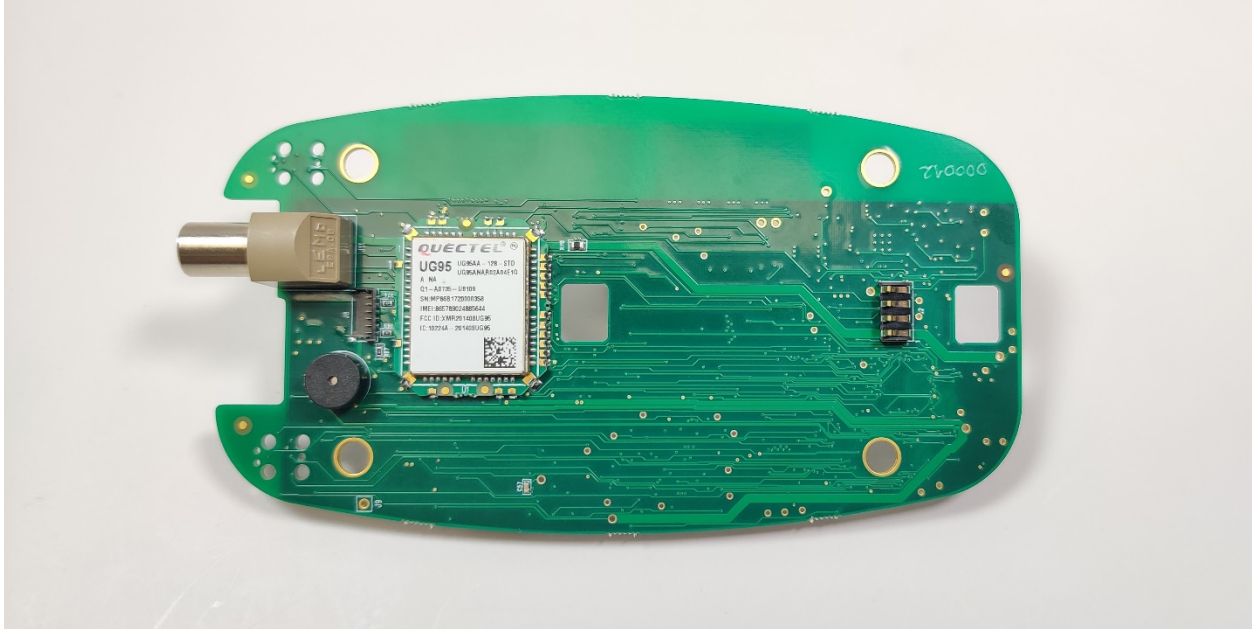
Internal Picture 1: Vesta Charging system composed of main board and enclosure and charging coil board.



Internal Picture 2: Top PCB layout for main board.



Internal Picture 3: Antennas present on the main board. 403MHz MICs antenna is Linx Technologies ANT-403-SP (left, black). GSM/UMTS antenna is Antenova A10315 that is disabled in Vesta Charger systems (right, blue).



Internal Picture 4: Bottom PCB layout for main board.



Internal Picture 5: Quetel UG95 3G modem that is firmware disabled in the Vesta Charger systems, but is populated.

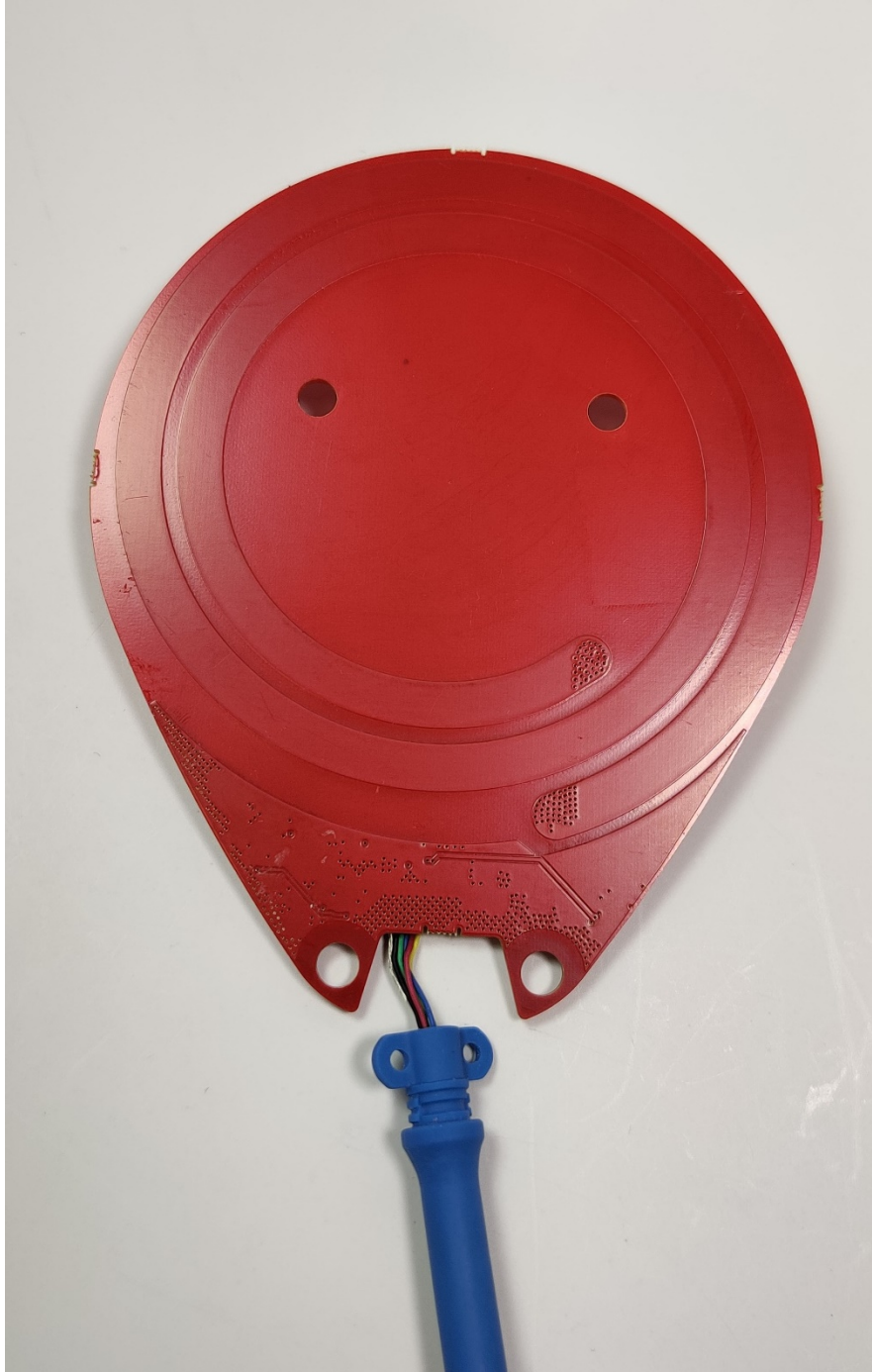




Internal Picture 6: Bottom PCB layout after removal from battery/enclosure and connector to charging coil board.



Internal Picture 7: Top PCB layout for charging coil board.



Internal Picture 8: Bottom PCB layout for charging coil board. A 2-turn PCB trace antenna encompasses the majority of the bottom layout and is used for the 13.56MHz wireless power transfer coil.