

Assembled Unit



Assembled Unit



Assembled Unit



Assembled Unit With Clips



Standard Clip



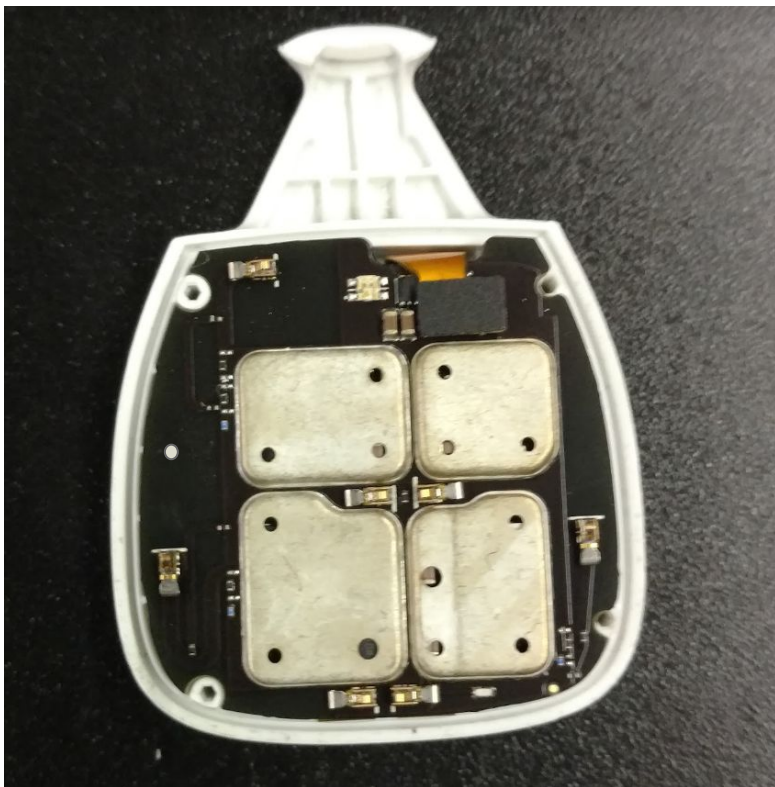
Loop Clip



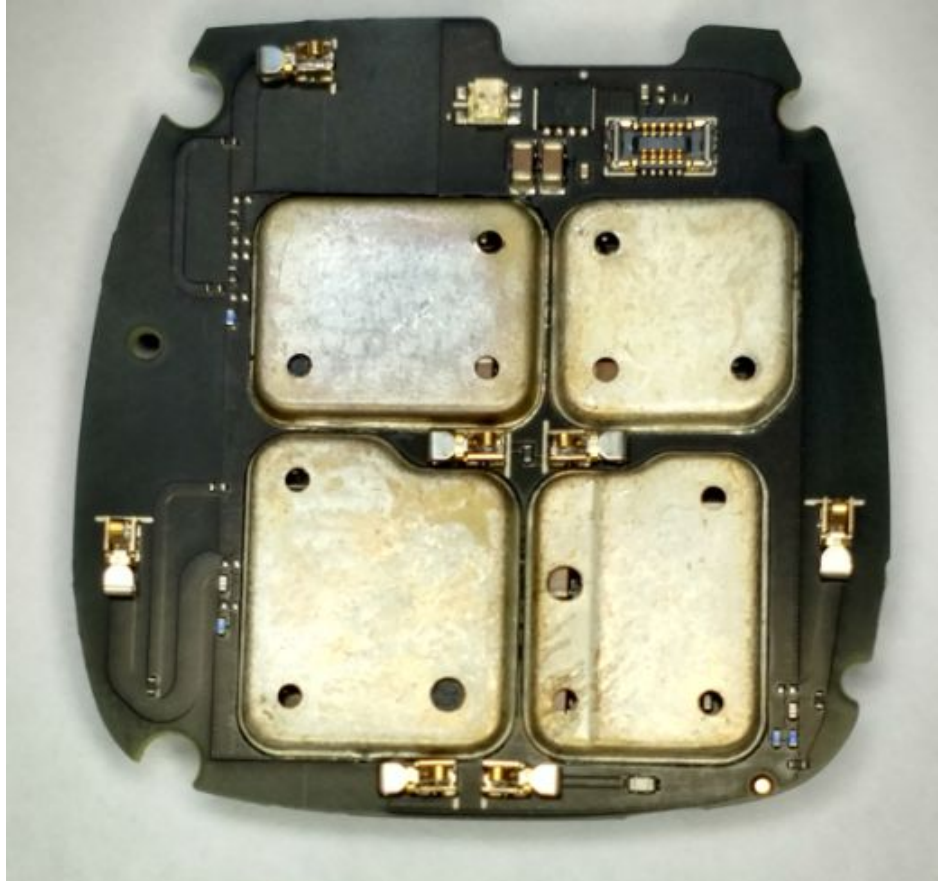
Assembled Unit



Unit Separated in Half to Show PCB and Bottom Housing Assembly and Top Housing Assembly



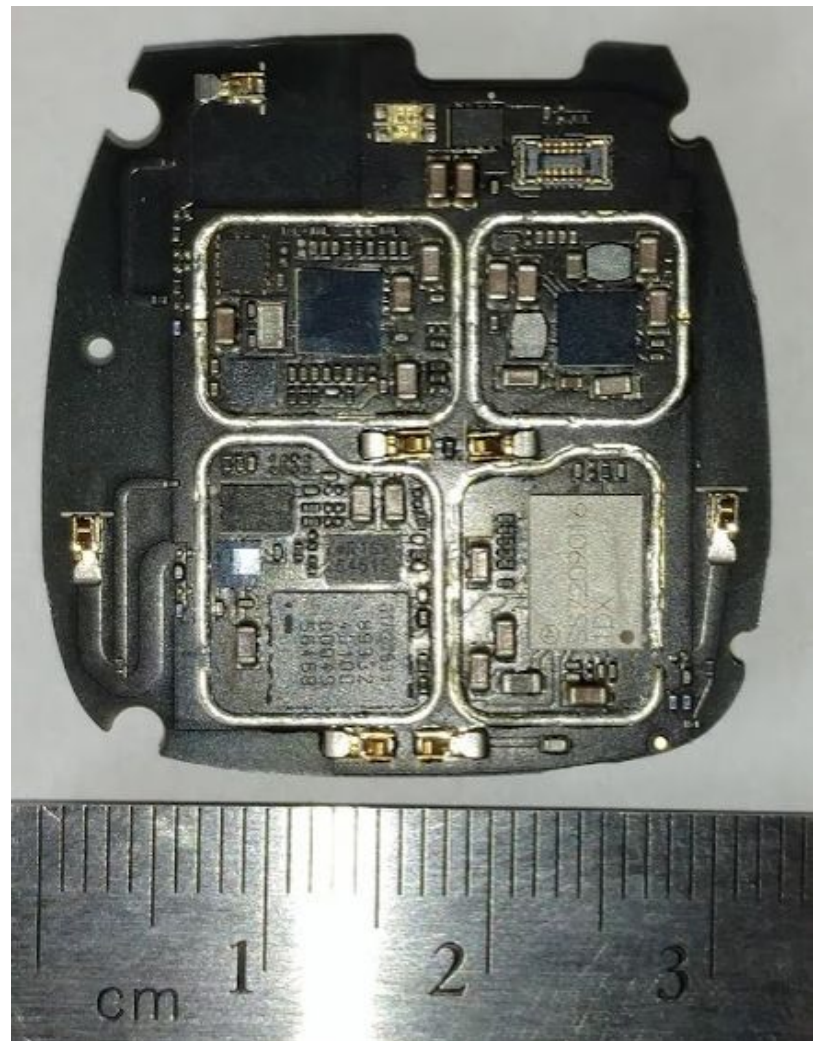
PCB Top Side



PCB Bottom Side



PCB Top Side with Shields Removed



Rear Housing Assembly



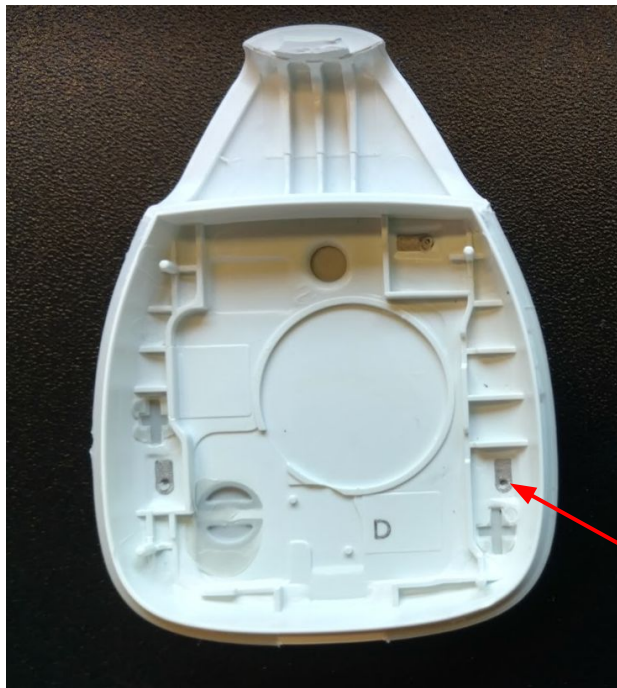
Rear Housing Assembly
with Battery Removed



Battery Assembly



Inside Bare Top Housing

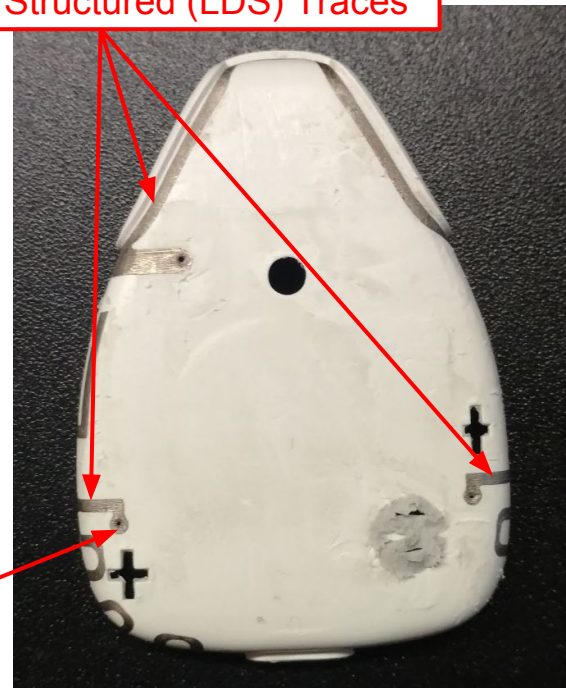


Outside Top Housing



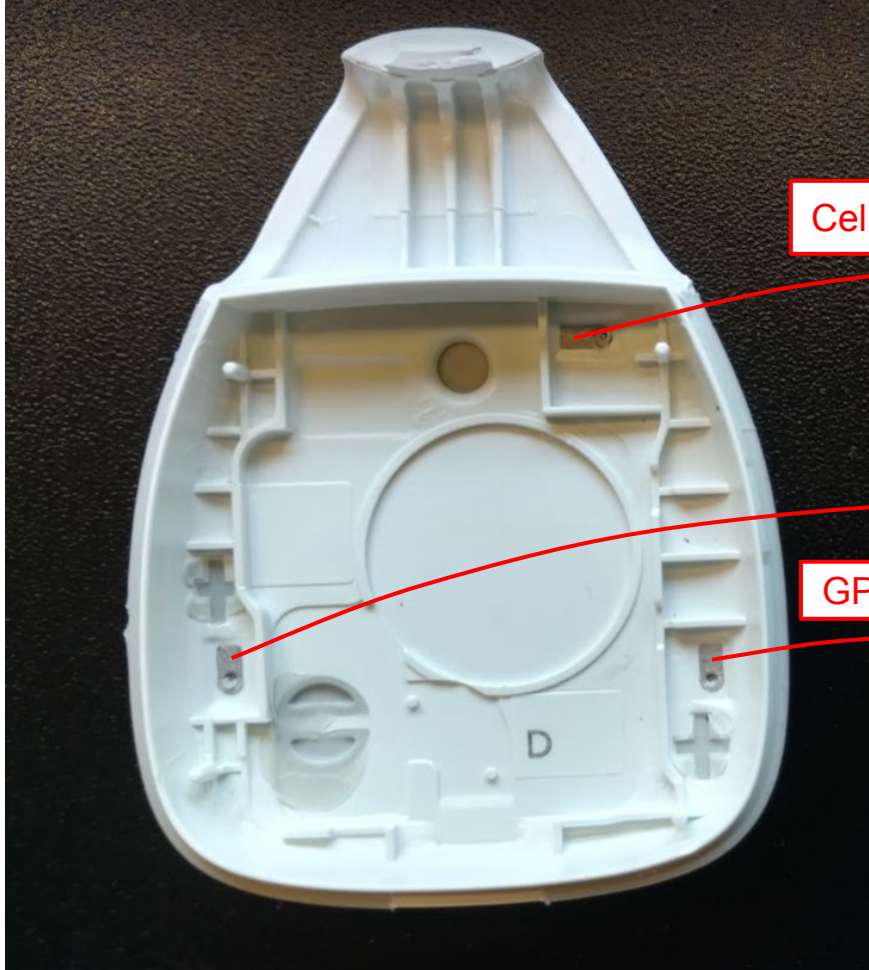
Outside Top Housing with
TPE Stripped Away

Laser Direct Structured (LDS) Traces



Laser Direct Structured Vias Through Housing (3)

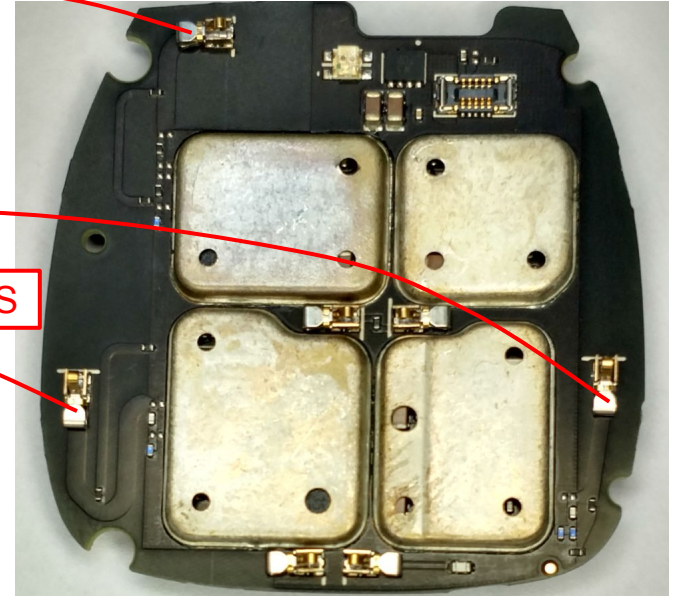
Antenna Trace Connections From PCB Spring
Contacts to LDS Pads on Housing



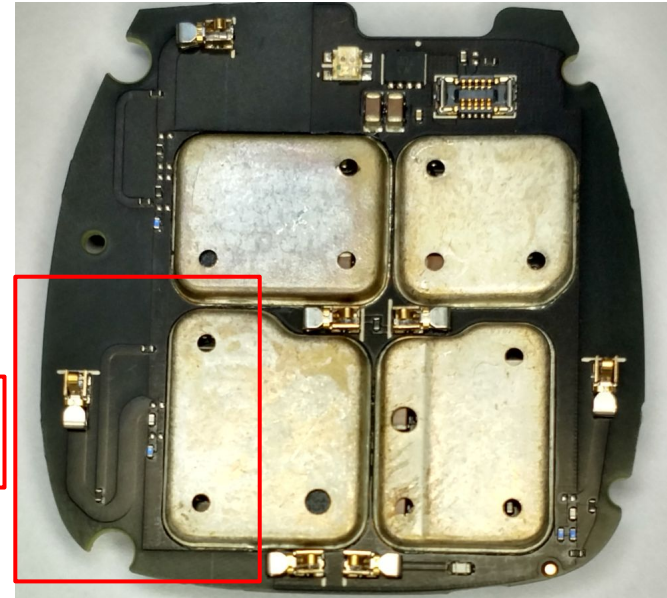
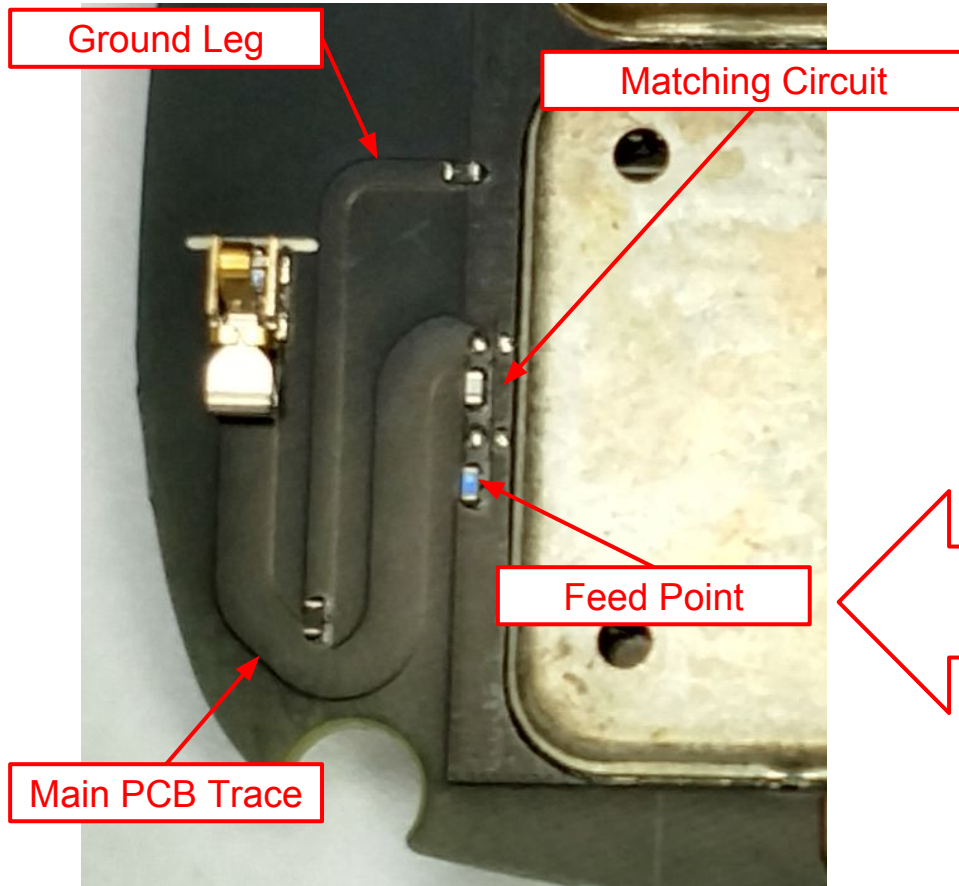
Cellular Dual Band

BT/WIFI

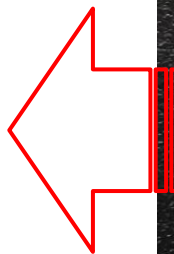
GPS/GLONASS



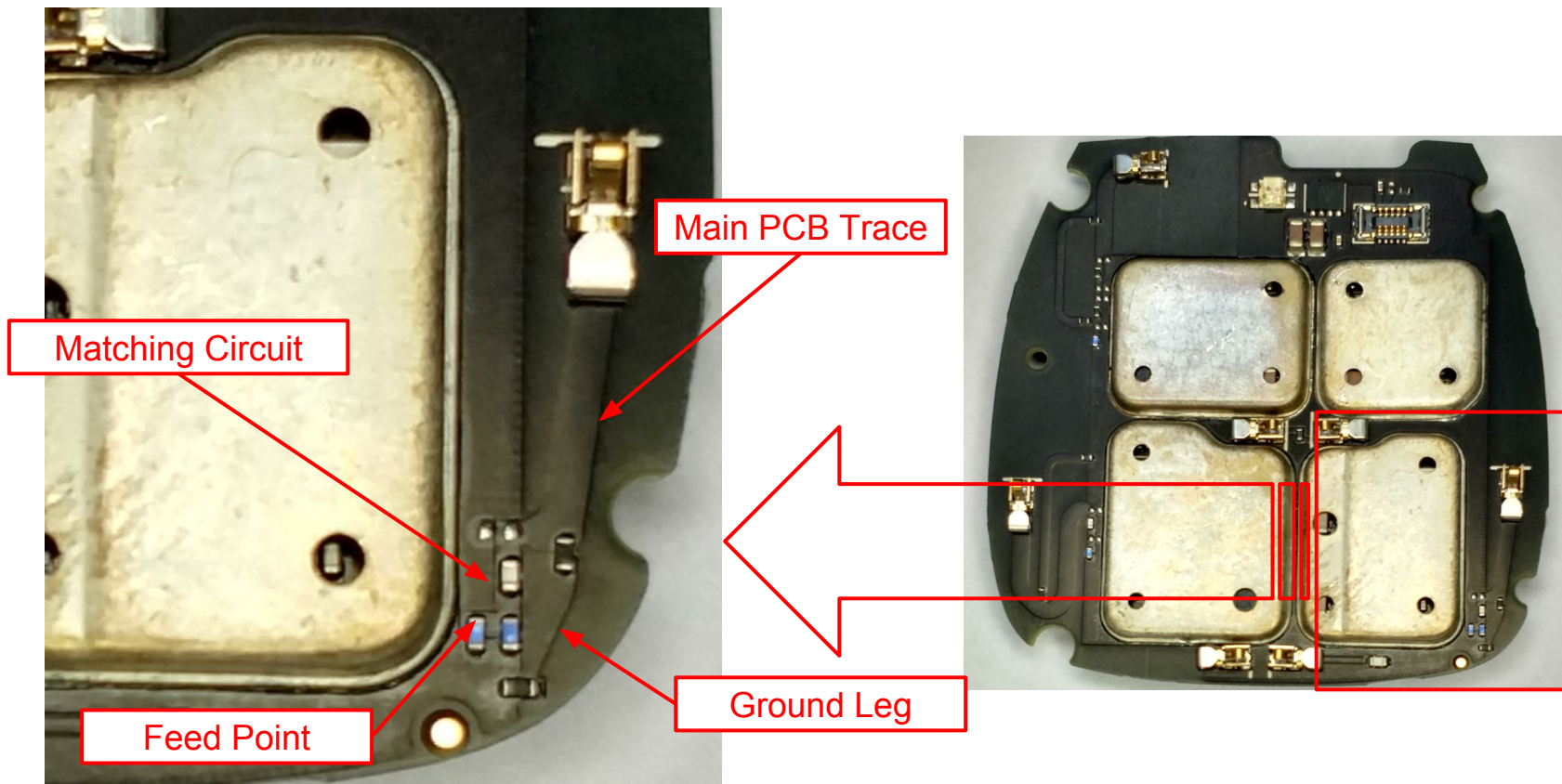
GPS/GLONASS PCB RF Circuit



GPS/GLONASS LDS Antenna Trace



BT/WIFI PCB RF Circuit



BT/WIFI LDS Antenna Trace



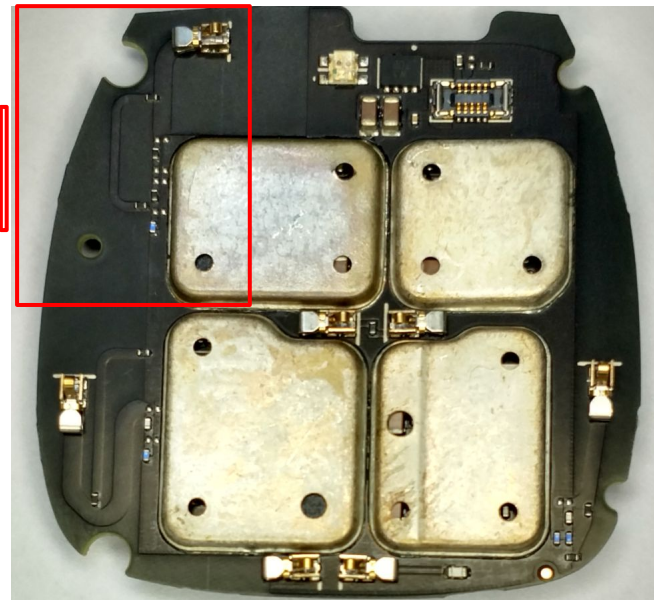
Cellular PCB RF Circuit

Main PCB Trace

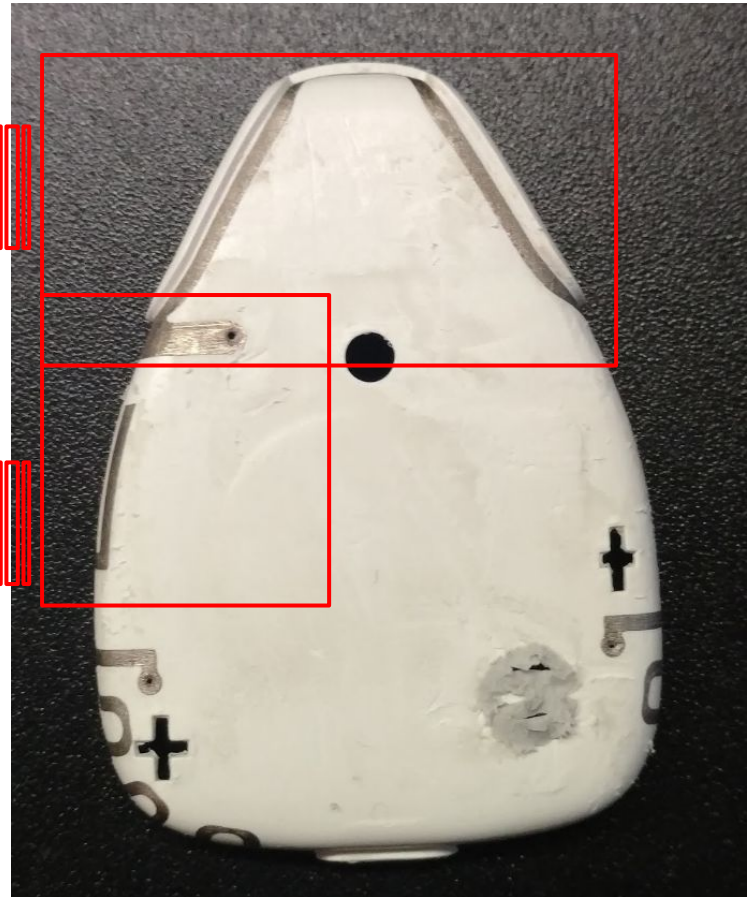
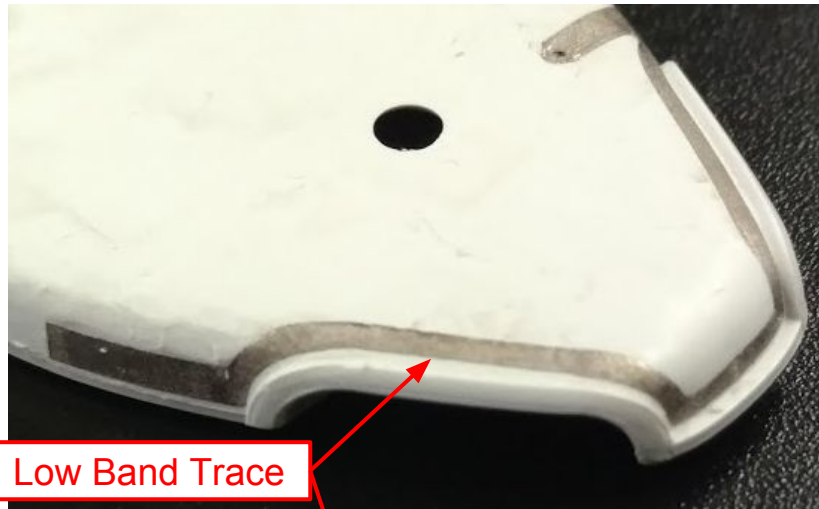
Ground Leg

Feed Point

Matching Circuits

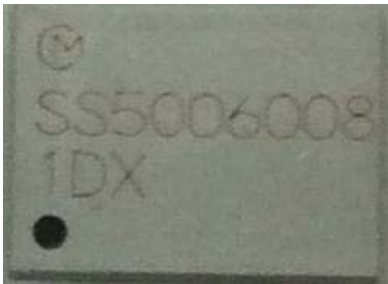


Cellular LDS Antennae Traces

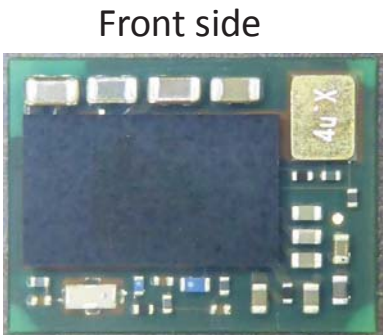


External / Internal Photo

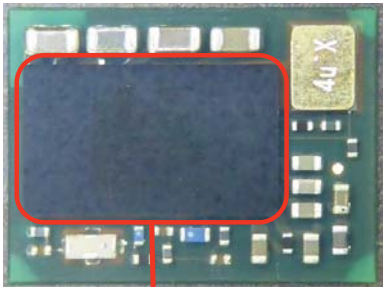
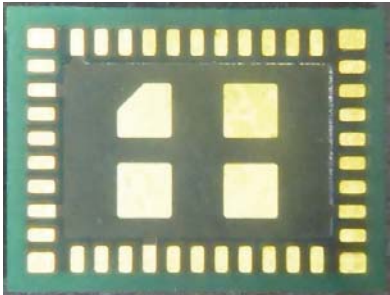
External

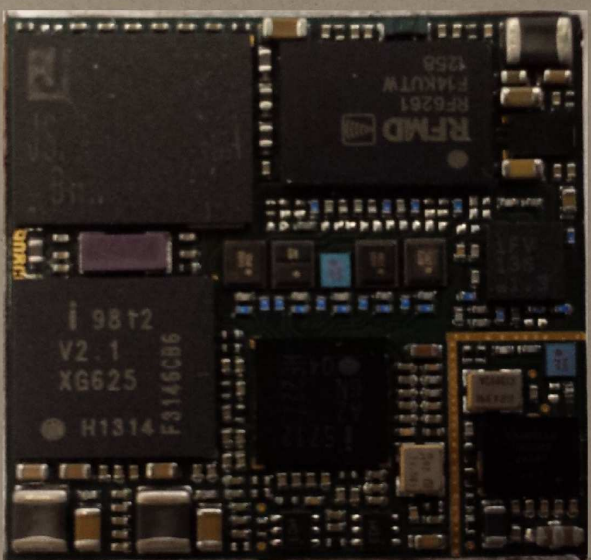


Internal



Back side





0 cm 1 2 3 4 5

2012

1 22 23 24 25 26 27

3

2