# Internal Photos of the EUT

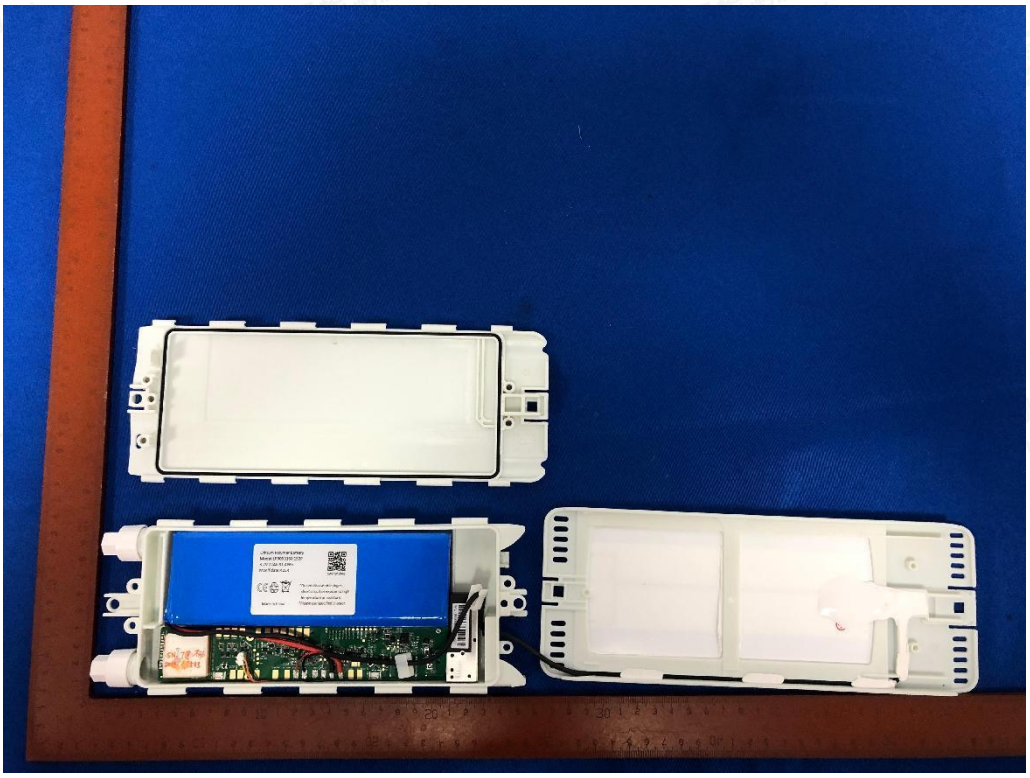

Fig. 1

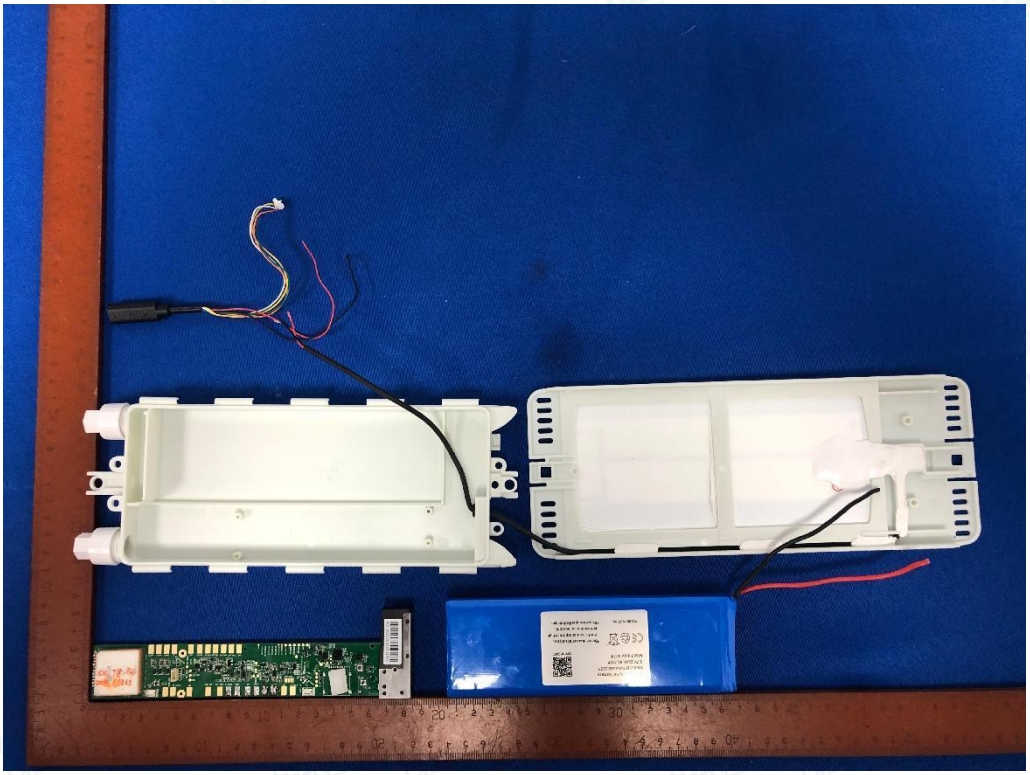

Fig. 2

Fig. 3

Fig. 4

Lithium Polymer Battery
Model:LP9053160 1S2P
3.7V 22Ah 81.4Wh
Man'f date:4224
S/N:1012662
*Do not disassemble,Ingest ,
short circuit,or expose to high
temperature or moisture.
*Please use specified charger.
Made In China

Fig. 5

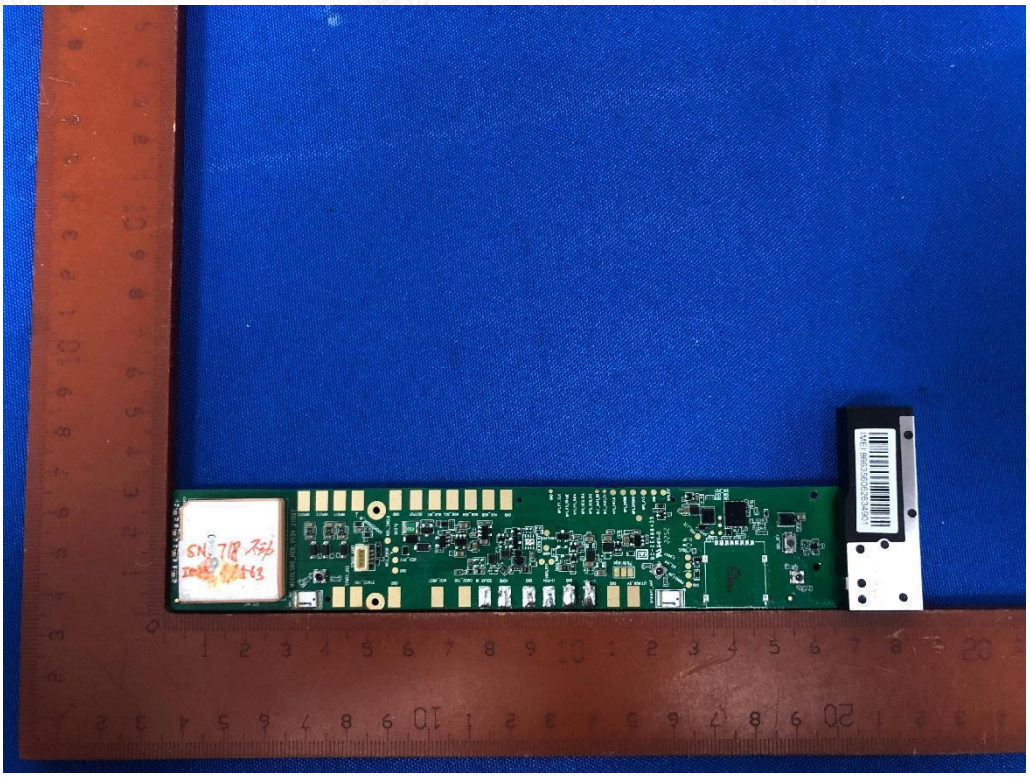

Fig. 6

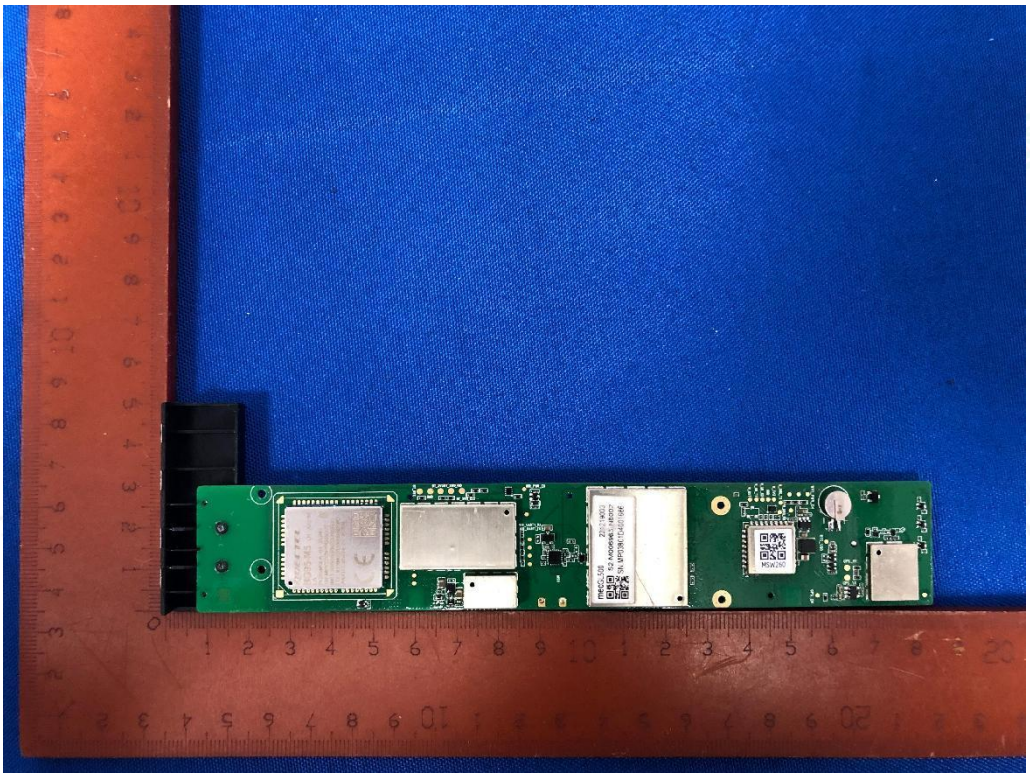

Fig. 7

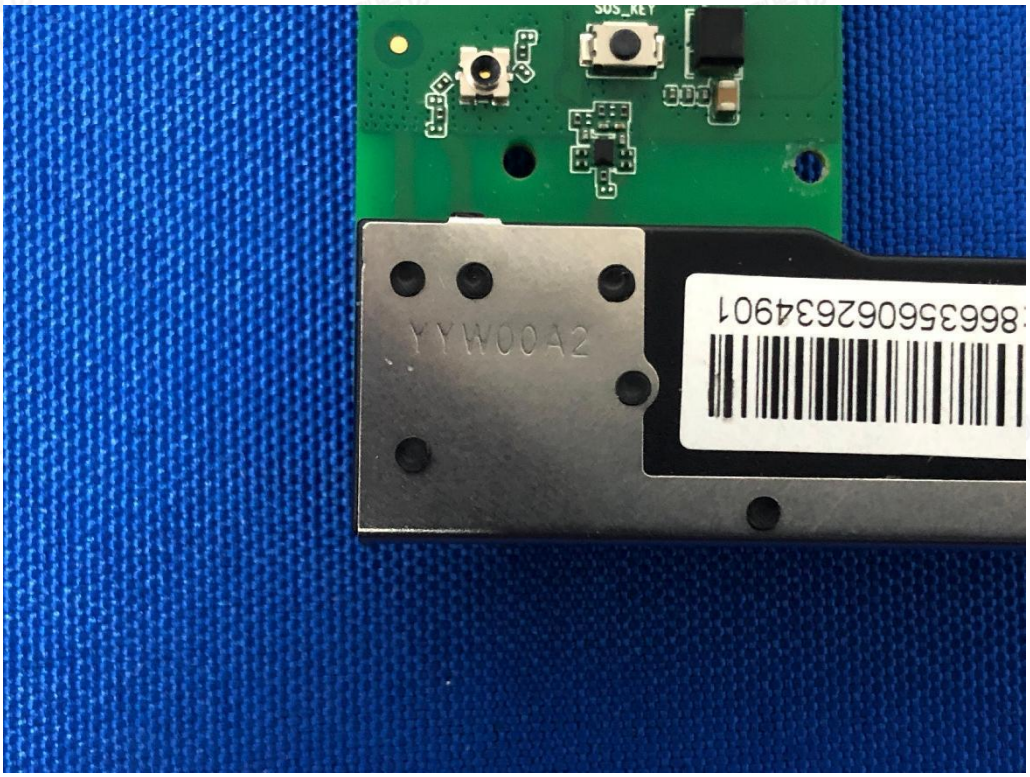


Fig. 8

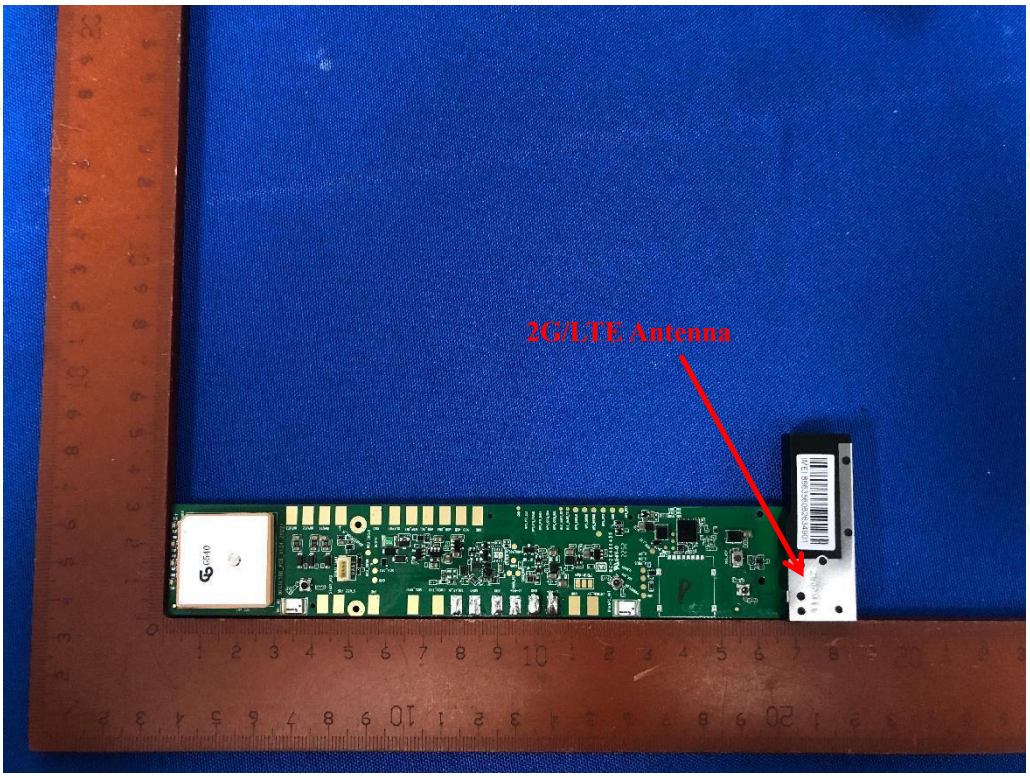
2G/LTE Antenna

Fig. 9

QUECTEL
BG95-M5 Q1-A5196
LA
BG95M5LA-64-SGNS
SN:MPY22CV49035572
IMEI:866356062346563
FCC ID:XMR202005BG95M5
ANATEL:05174-21-07968

Fig. 10

mecGL500
221219003
S2-M006963-N8002
SN:MP03801D4001686

Fig. 11

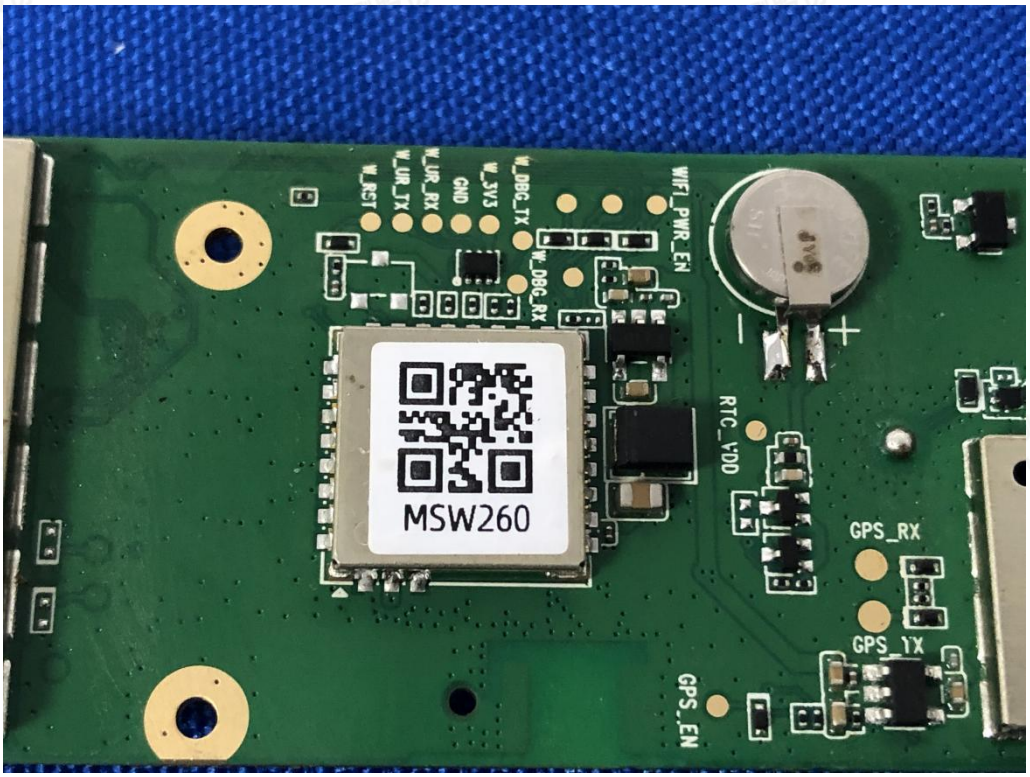
W_RST
W_UR_TX
W_UR_RX
GND
W_3V3
W_DBG_TX
W_DBG_RX
WIFI_PWR_EN
MSW260
RTC_VDD
GPS_RX
GPS_TX
GPS_EN

Fig. 12

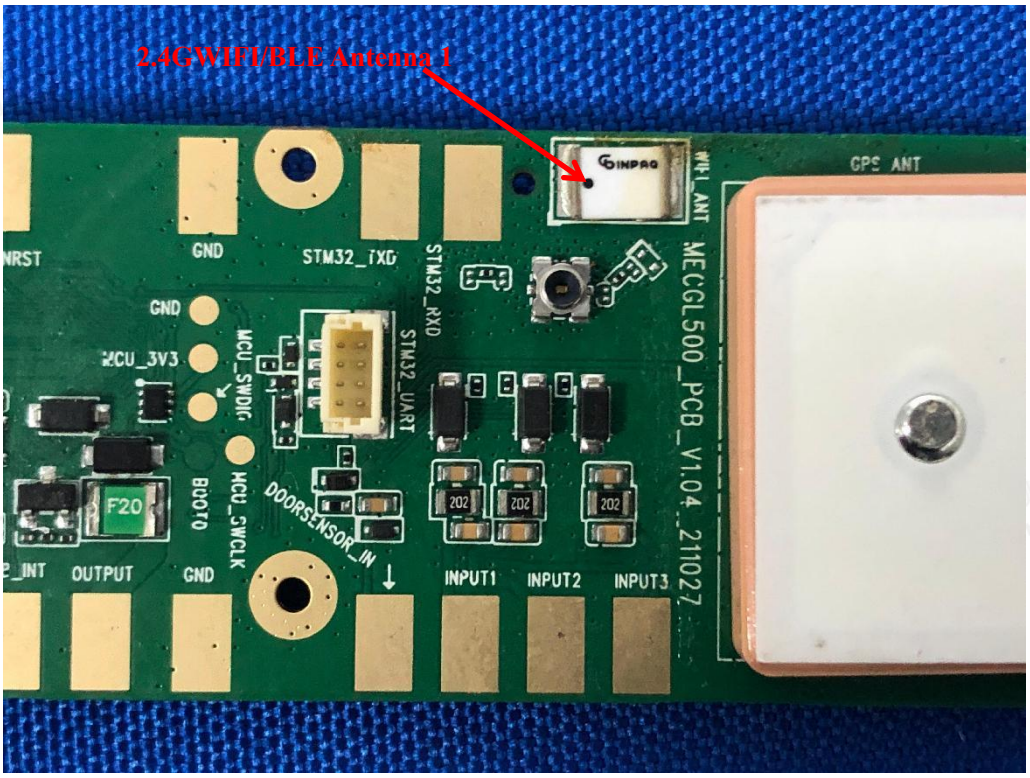
2.4GWIFI/BLE Antenna 1
GND
STM32_TXD
STM32_RXD
STM32_UART
MCU_3V3
MCU_SWDIO
MCU_SWCLK
BOOT0
F20
OUTPUT
DOORSENSOR_IN
INPUT1
INPUT2
INPUT3
GPS_ANT
MECGL500_PCB_V1.04_211027

Fig. 13

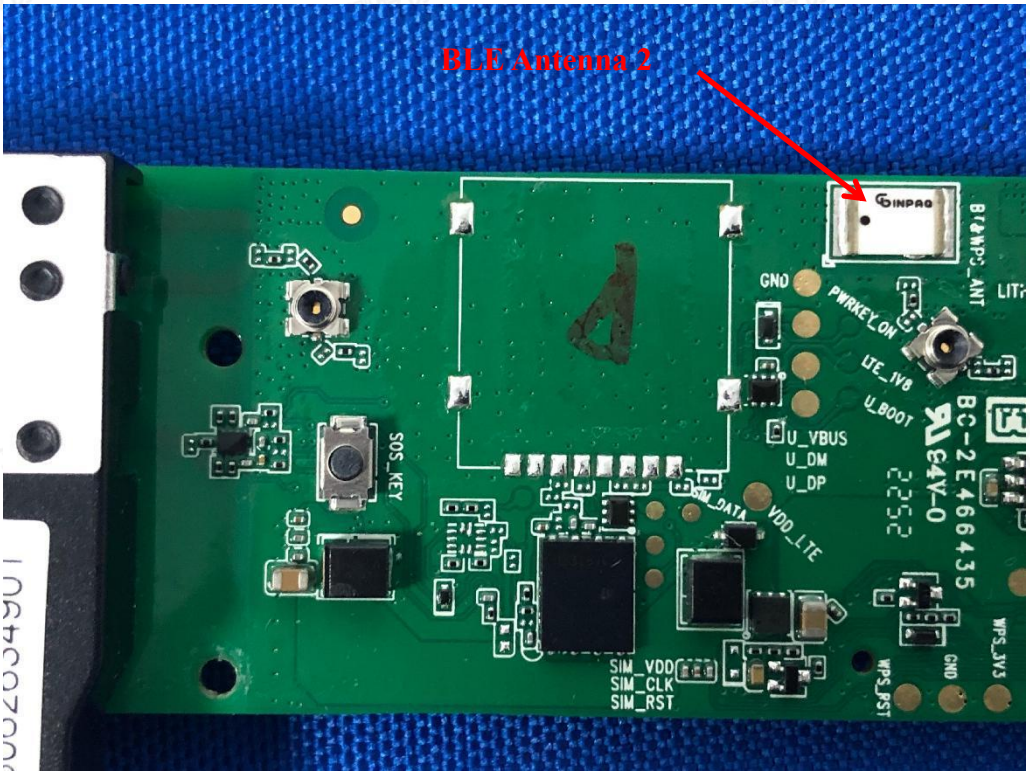
BLE Antenna 2
GND
PWRKEY_ON
LTE_1V8
U_BOOT
U_VBUS
U_DM
U_DP
SOS_KEY
SIM_DATA
VDD_LTE
SIM_VDD
SIM_CLK
SIM_RST
WPS_3V3
WPS_RST

Fig. 14

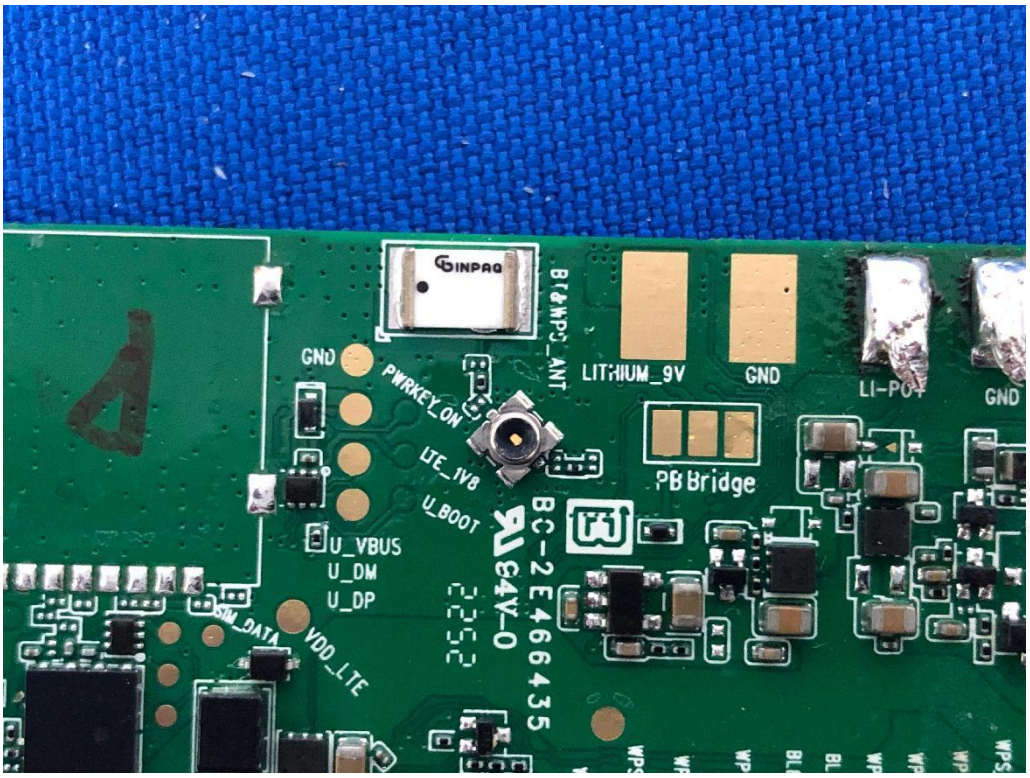
GND
PWRKEY_ON
LTE_1V8
U_BOOT
U_VBUS
U_DM
U_DP
VDD_LTE
LITHIUM_9V
GND
LI-PO+
GND
PB Bridge
BC-2E466435

Fig. 15

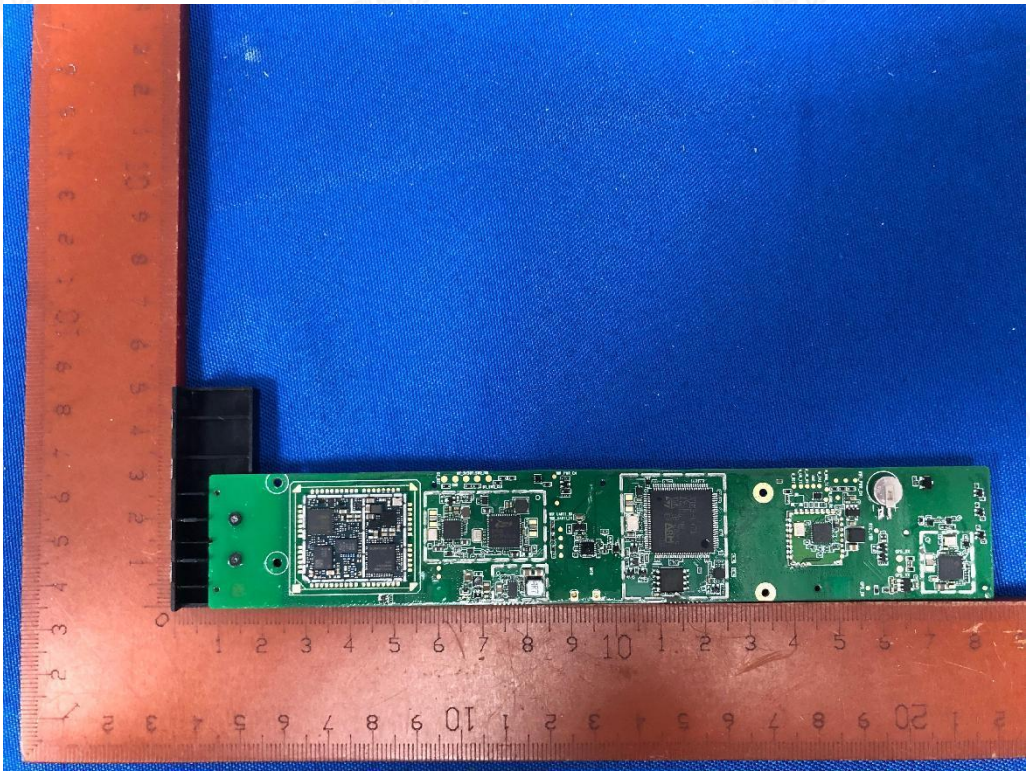

Fig. 16

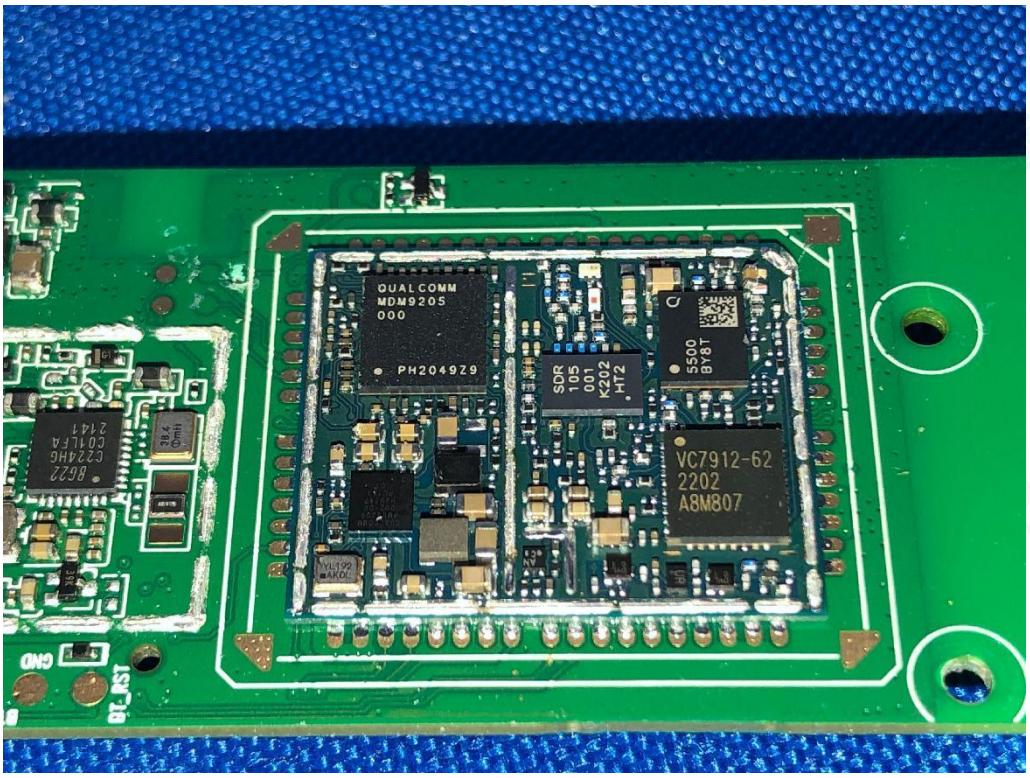
QUALCOMM
MDM9205
000
PH2049Z9
VC7912-62
2202
A8M807
GND
BT_RST

Fig. 17

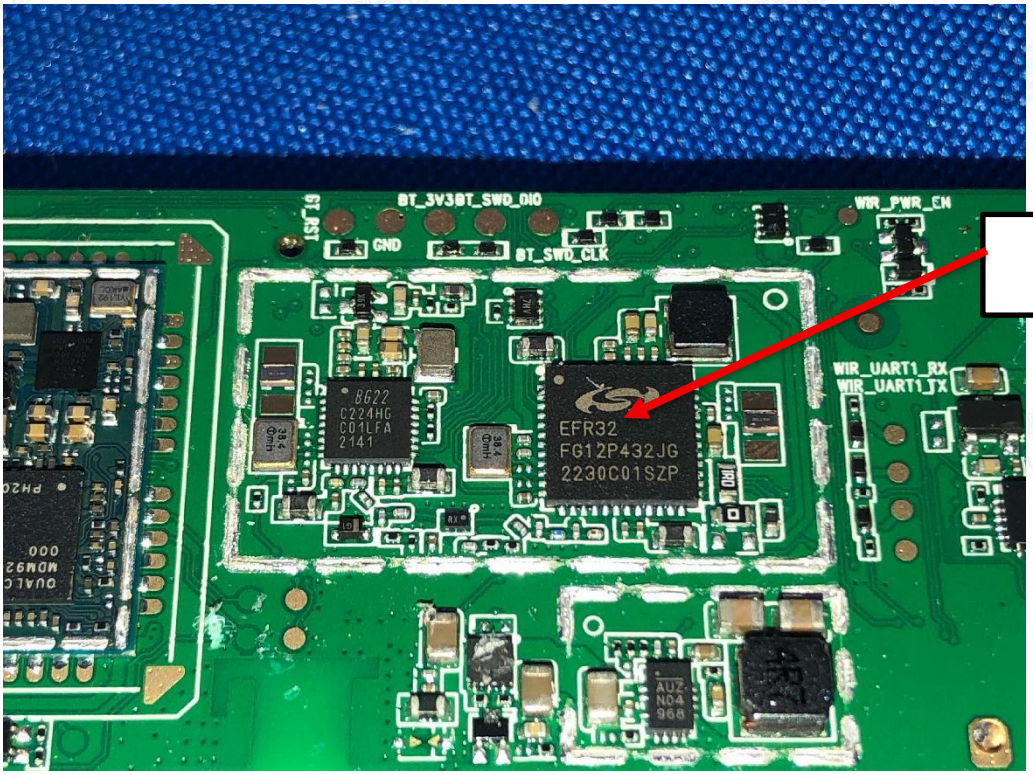
BT_3V3
BT_SWD_DIO
GND
BT_SWD_CLK
WIR_PWR_EN
WIR_UART1_RX
WIR_UART1_TX
8622
C224HG
C01LFA
2141
EFR32
FG12P432JG
2230C01SZP
BT Modular 2

Fig. 18

STM32L471
VGT6
AA201 9R
TWN 7B 222 4
ARM
MSO

Fig. 19

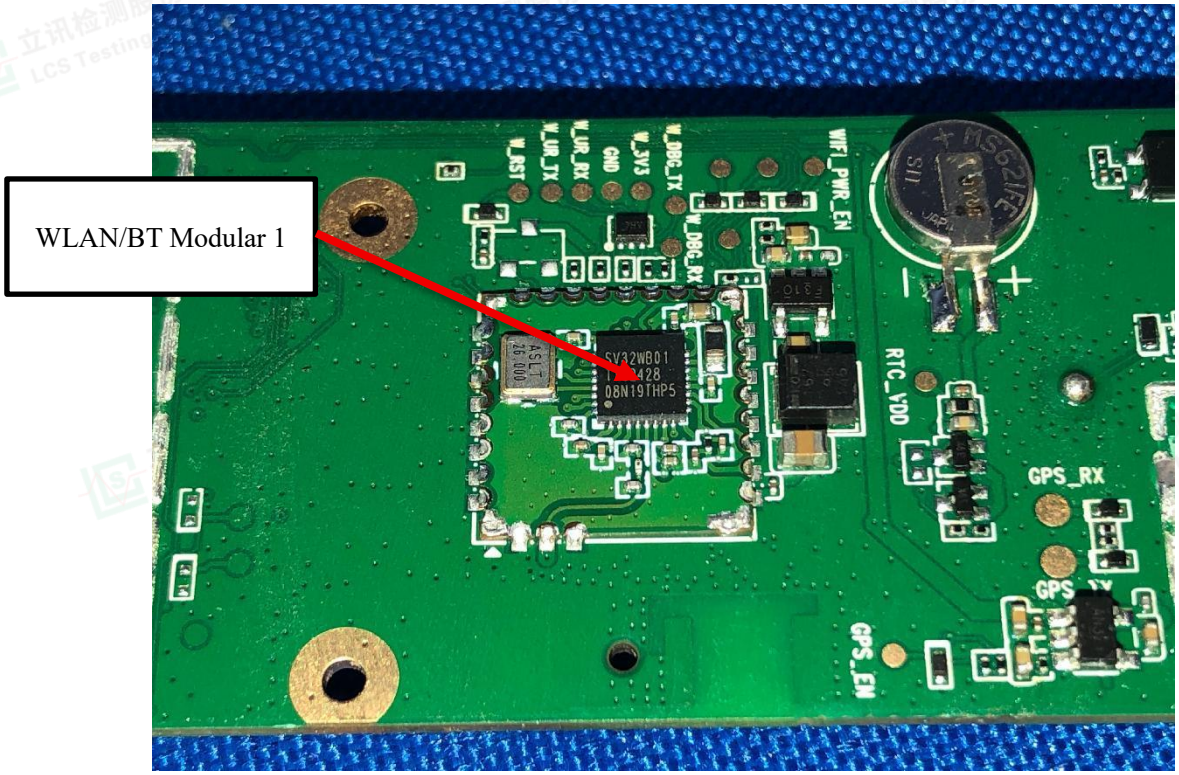
WLAN/BT Modular 1
W_RST
W_UR_TX
W_UR_RX
GND
W_3V3
W_DBG_TX
W_DBG_RX
WIFI_PWR_EN
RTC_VDD
GPS_RX
GPS_EN

Fig. 20

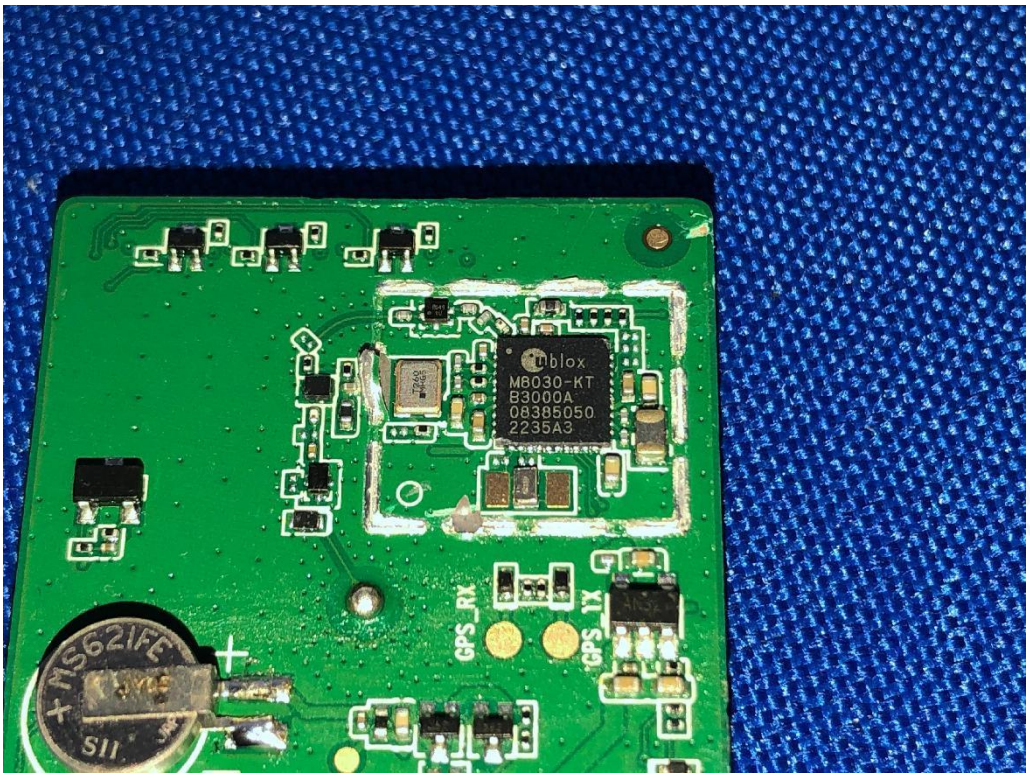
ublox
M8030-KT
B3000A
08385050
2235A3
GPS_RX
GPS_TX
MS621FE
SII

Fig. 21