

Internal View of 1VY001

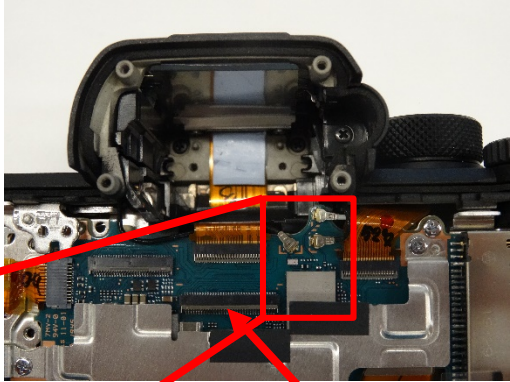


Front View

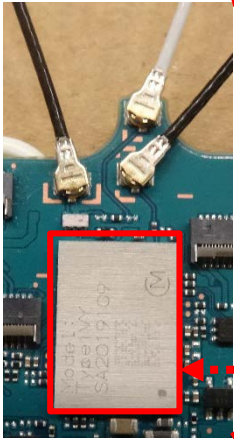


Rear View

Removing the rear cabinet and EVF

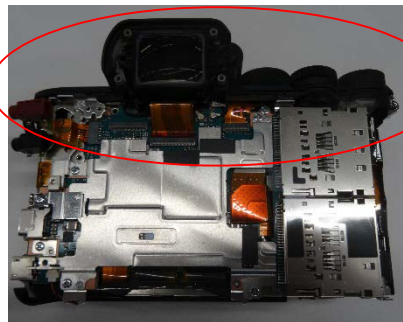
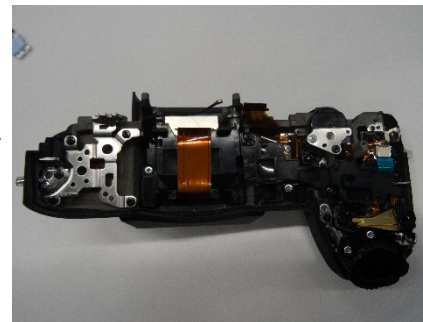
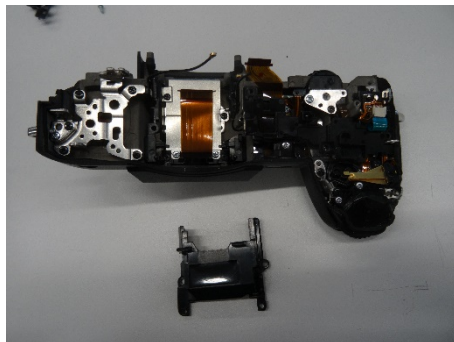


Main Unit (SY-1108 surface)

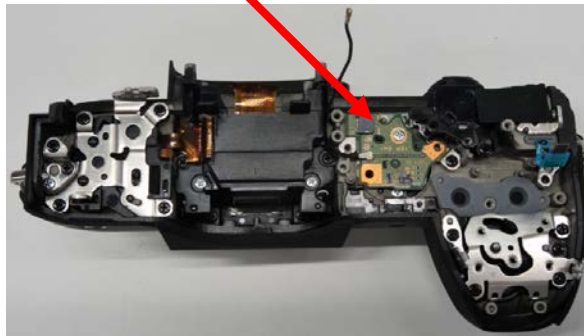
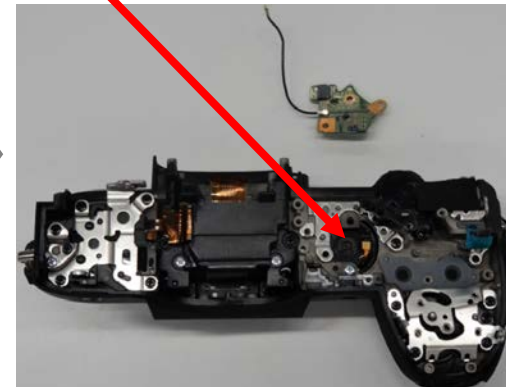


Wi-Fi/BT module (Type-1VY)

WiFi antenna(2.4/5GHz Chain0)

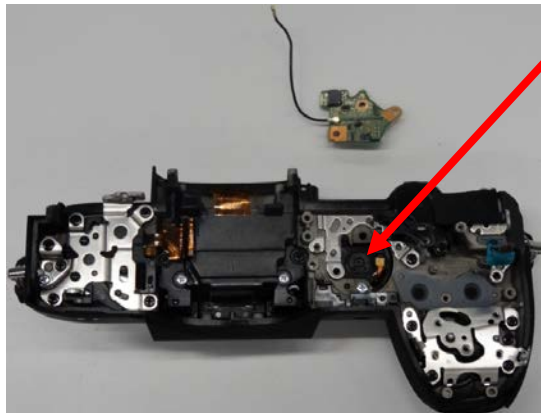
Remove the
Rear CabinetRemove the
Top CabinetRemove FPC/SUS plates
from Top Cabinet

AN-1034 PCB is visible

After removing AN-1034,
WiFi Antenna (FPC-2023) is visible

WiFi antenna(2.4/5GHz Chain0)

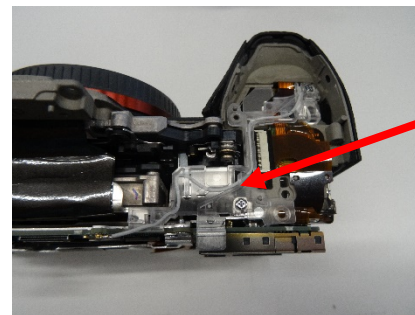
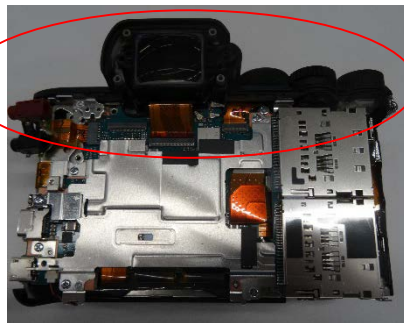
WiFi Antenna (FPC-2023) is folded inside the dial like this



WiFi Antenna (FPC-2023) in normal shape (not folded)

WiFi antenna(2.4GHz chain 1)

Remove the
Rear Cabinet



Coaxial cable(110mm)
is visible

Remove the
Grip Rubber

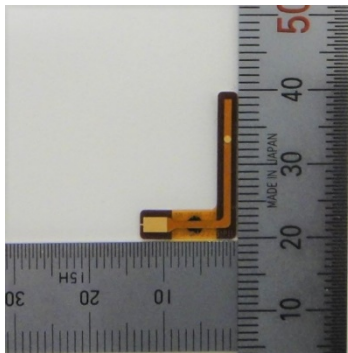


After removing plastic parts,
WiFi Antenna (AN-1006) is visible

AN-1035 PCB is visible



WiFi antenna (2.4GHz chain 1) WiFi Antenna (AN-1006) is folded

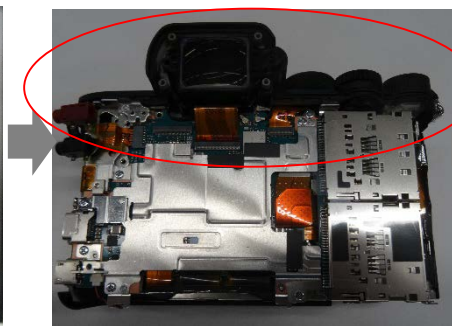


WiFi Antenna (AN-1006) in normal shape (not folded)

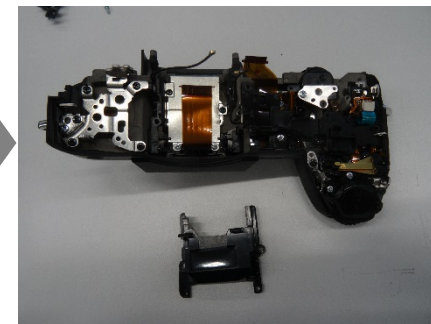
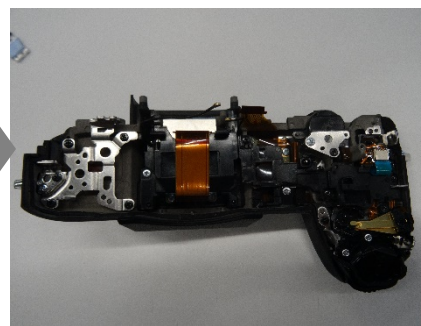
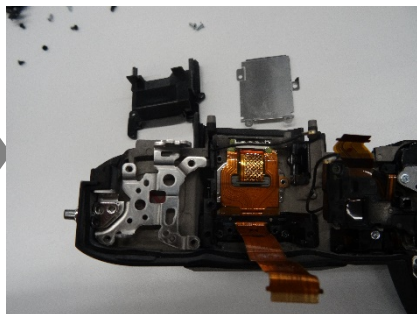
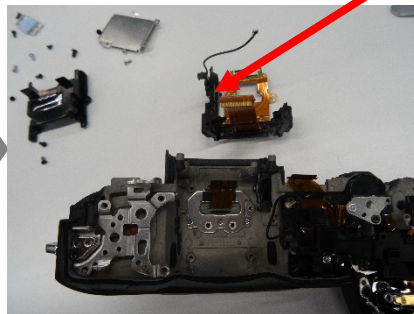
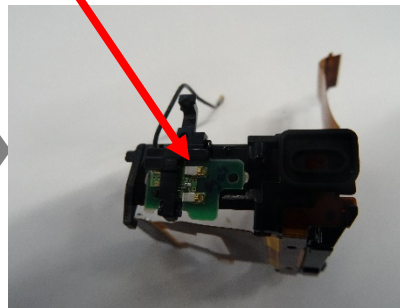
WiFi antenna(5GHz Chain 1)



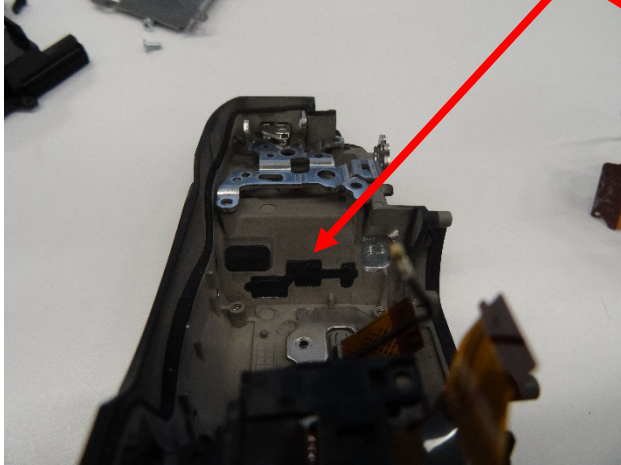
Remove the rear Cabinet



Remove the Top Cabinet

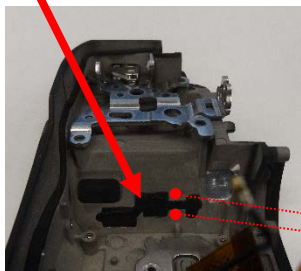
Remove FPC/SUS plates
from Top CabinetAfter removing FPC/SUS plates,
AN1037 PCB is visibleAfter removing FPC/SUS plates and
AN1037 PCB,
SLA-2001 is visible

WiFi Antenna (SLA-2001)

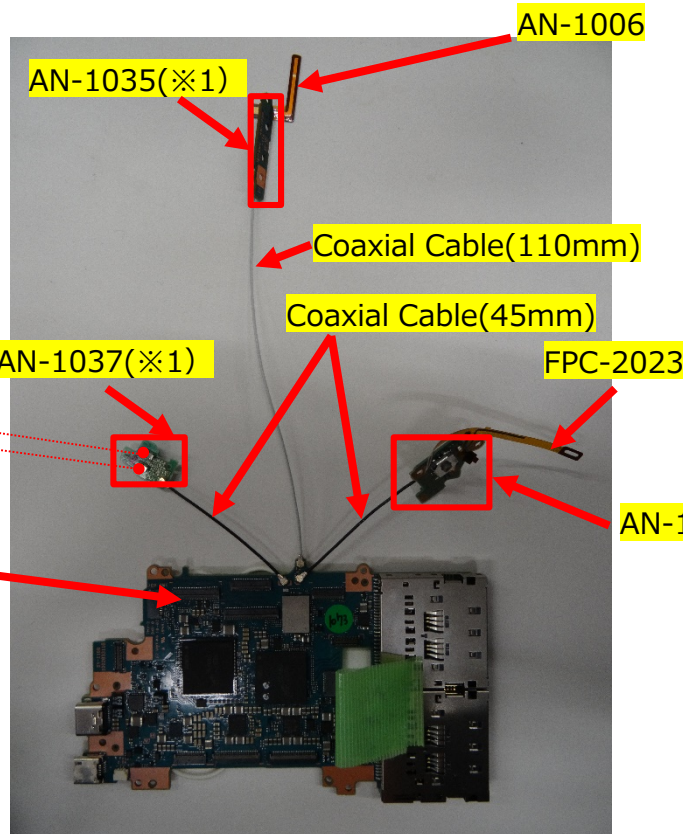
Top Cabinet
Coated with paintTop Cabinet
Without coating

How WiFi Antenna is connected to Main Unit (SY-1108)

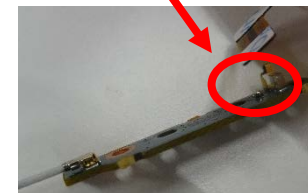
AN-1037 is connected to SLA-2001 by
On Board Contact



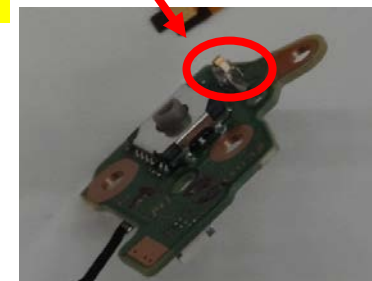
Main Unit (SY-1108)



AN-1035 is connected to AN-1006 by
On Board Contact



AN-1034 is connected to FPC-2023 by
On Board Contact



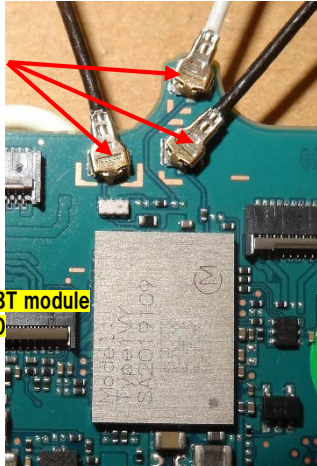
(※1) These board is used for RF antenna matching adjustment.
It is not used for controlling antenna characteristics.

(※2) For details on inside of the red square, please see the next page.

SY-1108 - A side

Coaxial Receptor

WLAN/BT module
CP3500



SY-1108 - A pattern

Coaxial Receptor

RF Line (2.4GHz chain1)

14.03mm

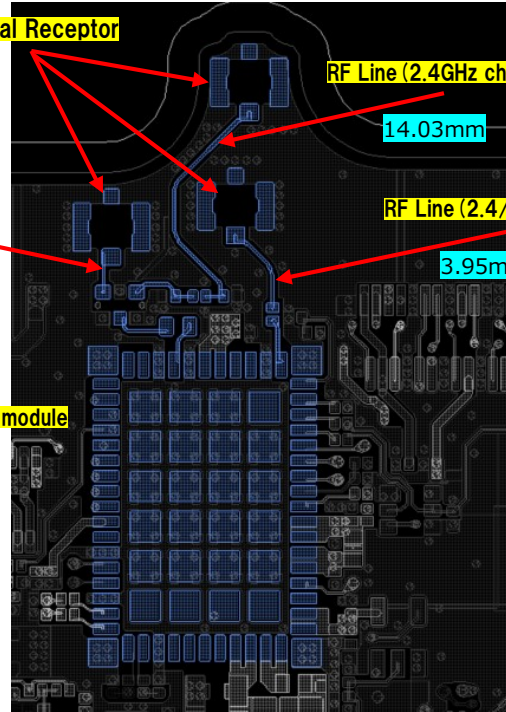
RF Line (5GHz chain1)

4.94mm

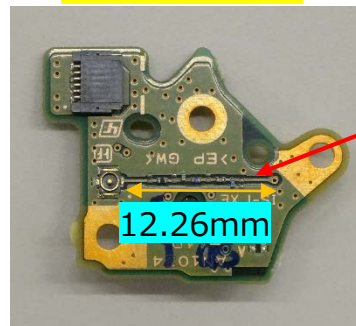
RF Line (2.4/5GHz chain0)

3.95mm

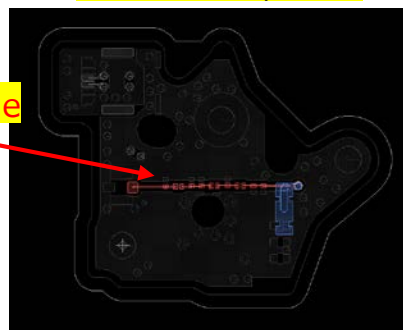
WLAN/BT module
CP3500



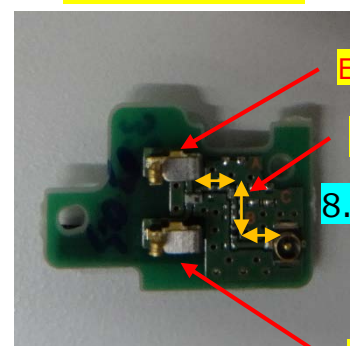
AN-1034 - A side



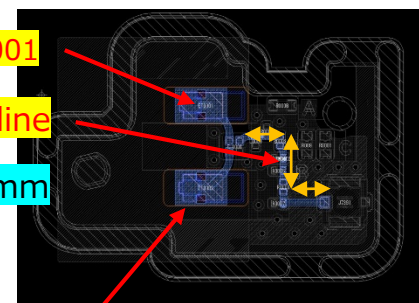
AN-1034 - A pattern



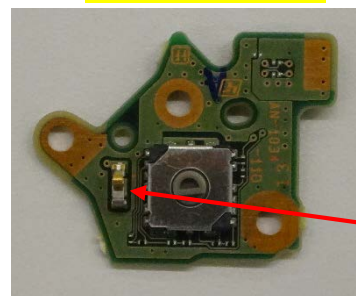
AN-1037 - A side



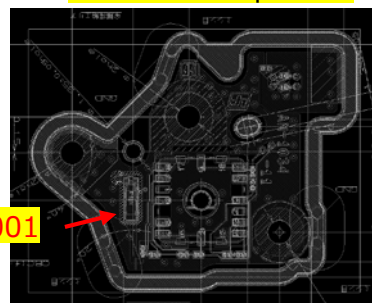
AN-1037 - A pattern



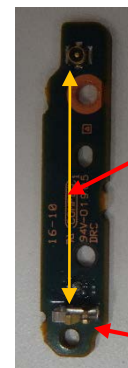
AN-1034 - B side



AN-1034 - B pattern



AN-1035 - A side



AN-1035 - A pattern

