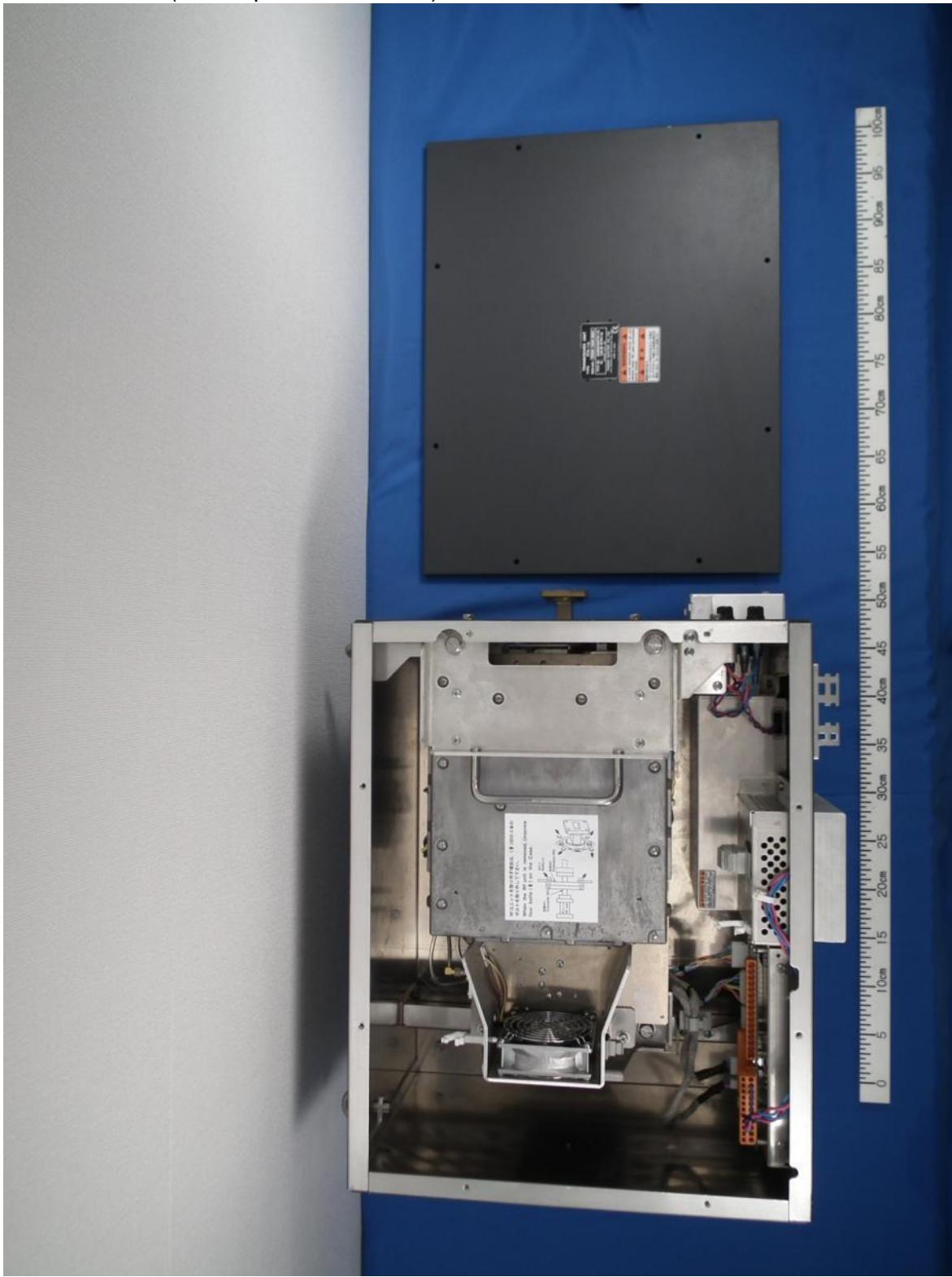


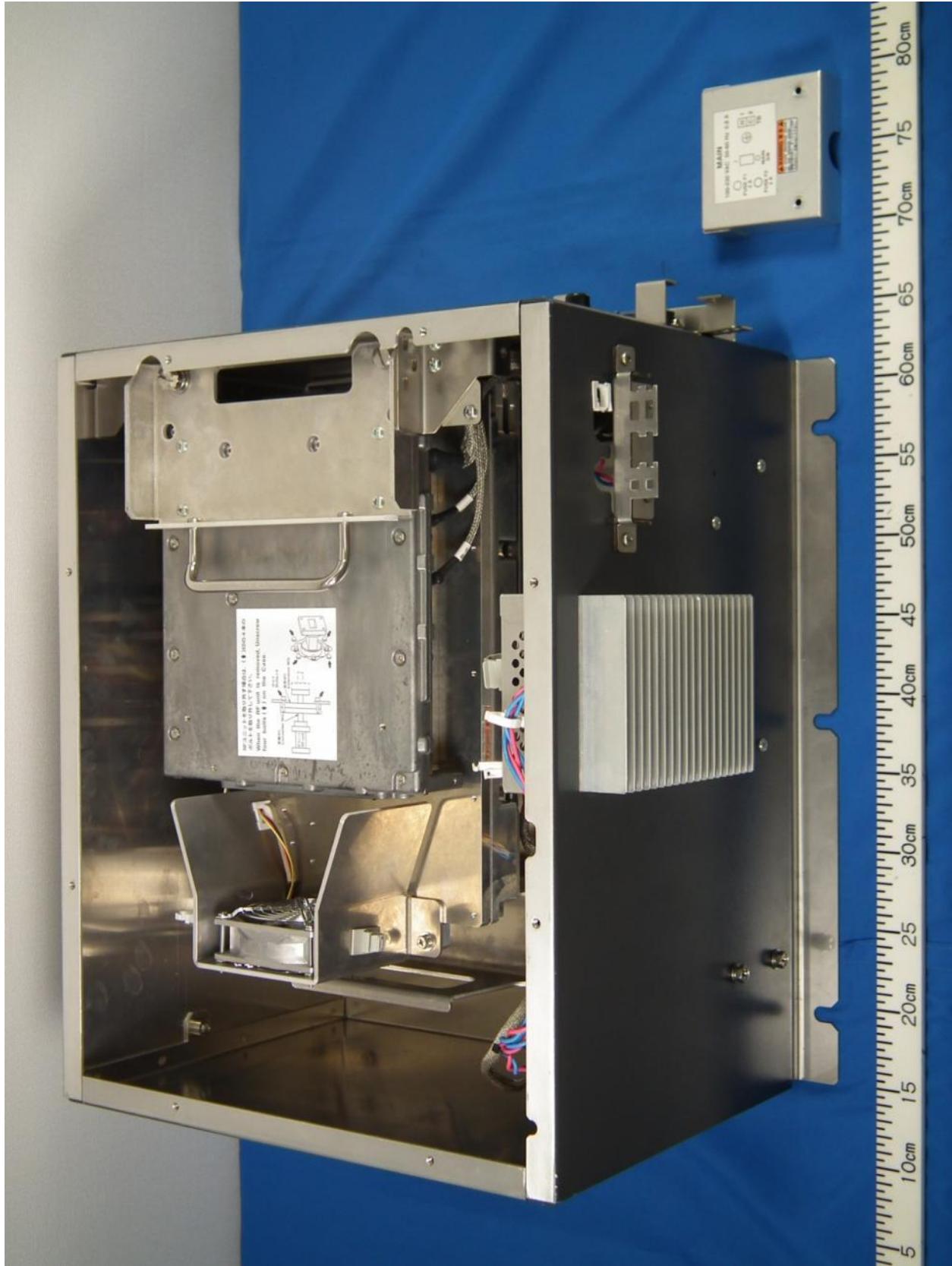
**Photographs of the Transceiver for Furuno Surveillance Radar FA-3220Z**

**1 Radar Transceiver RTR-116**

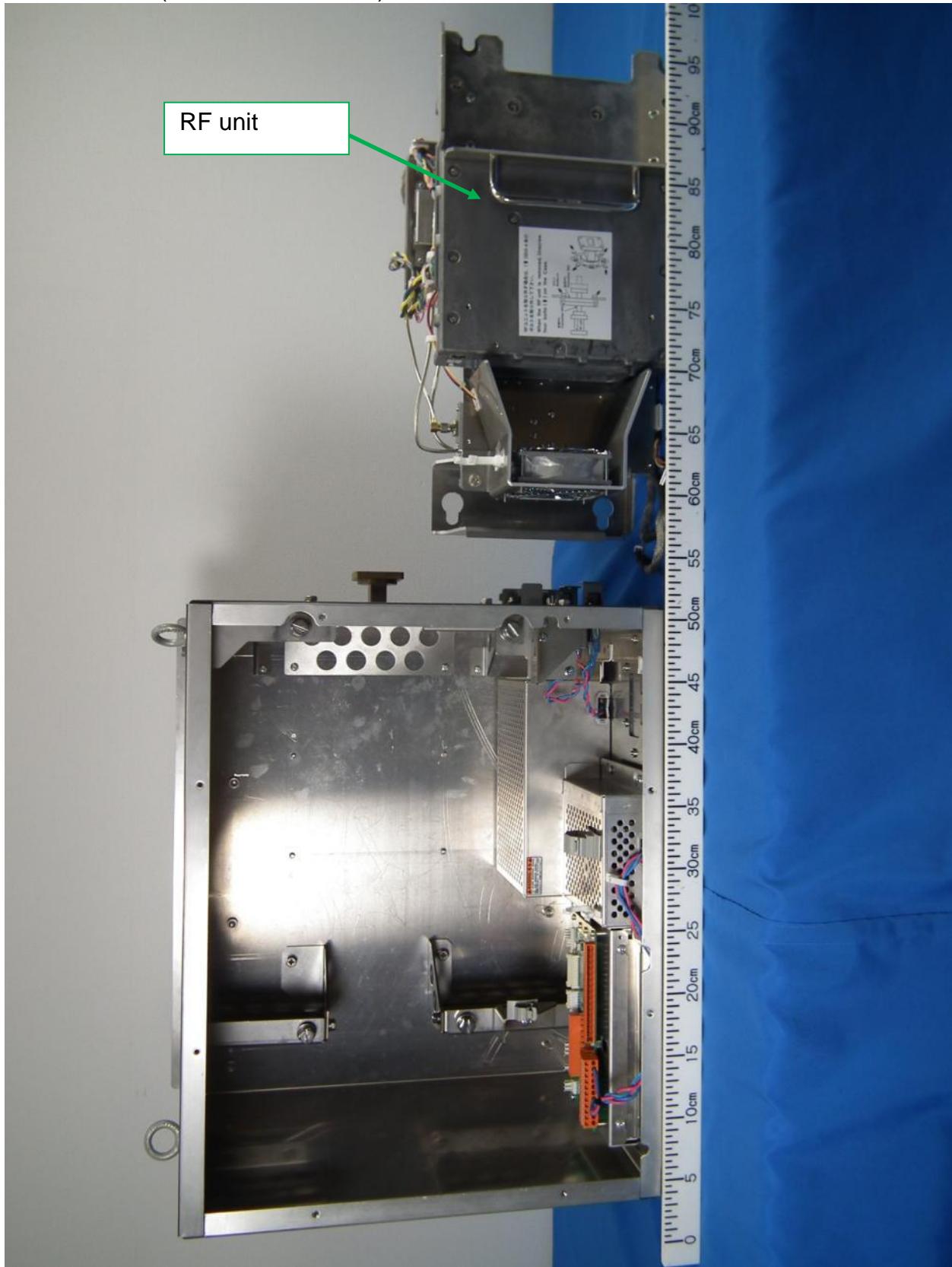
1.1 Inside View (with Top cover removed)



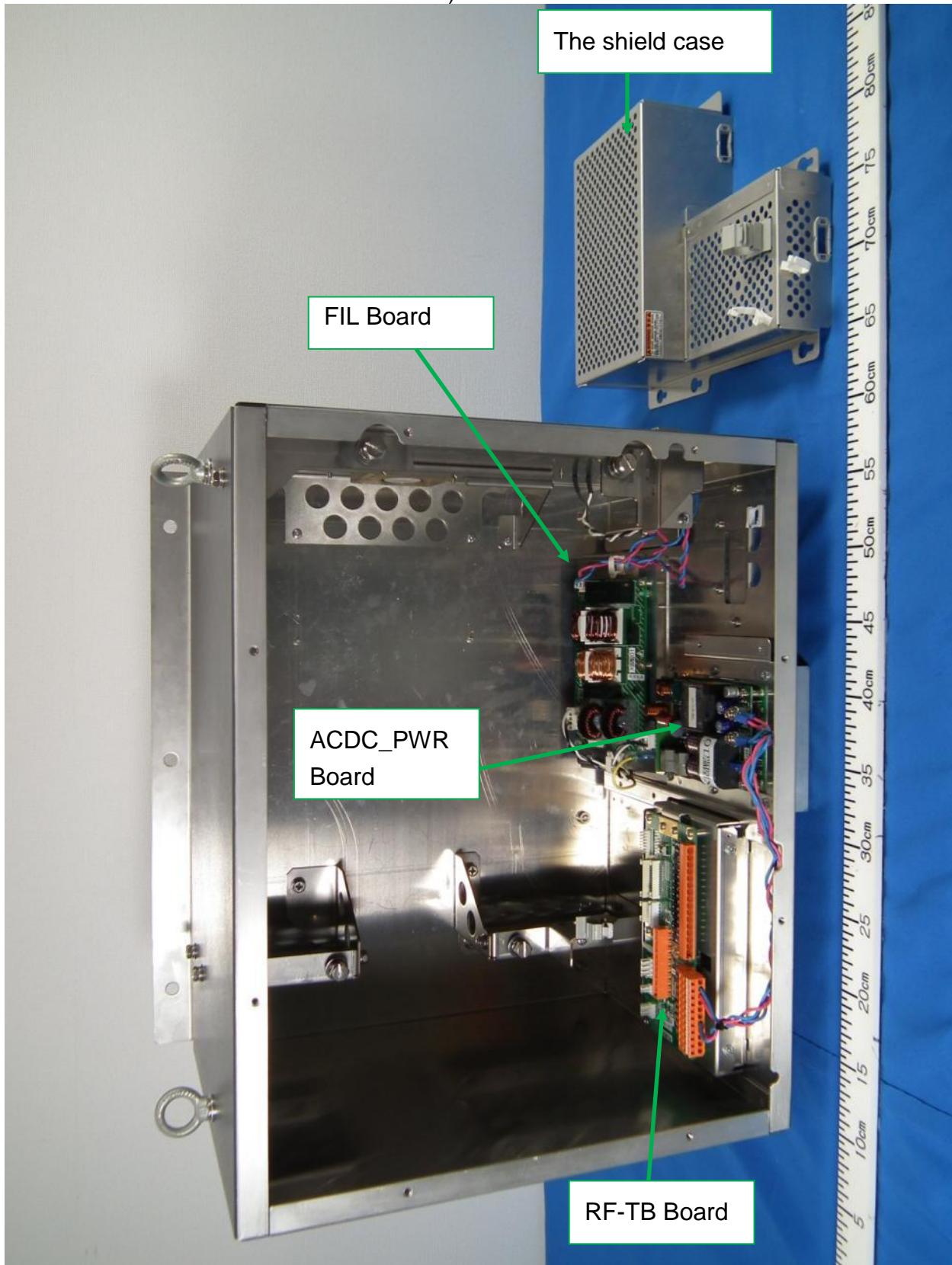
## 1.2 Inside View (with the cover of the cable entries on the right side removed)



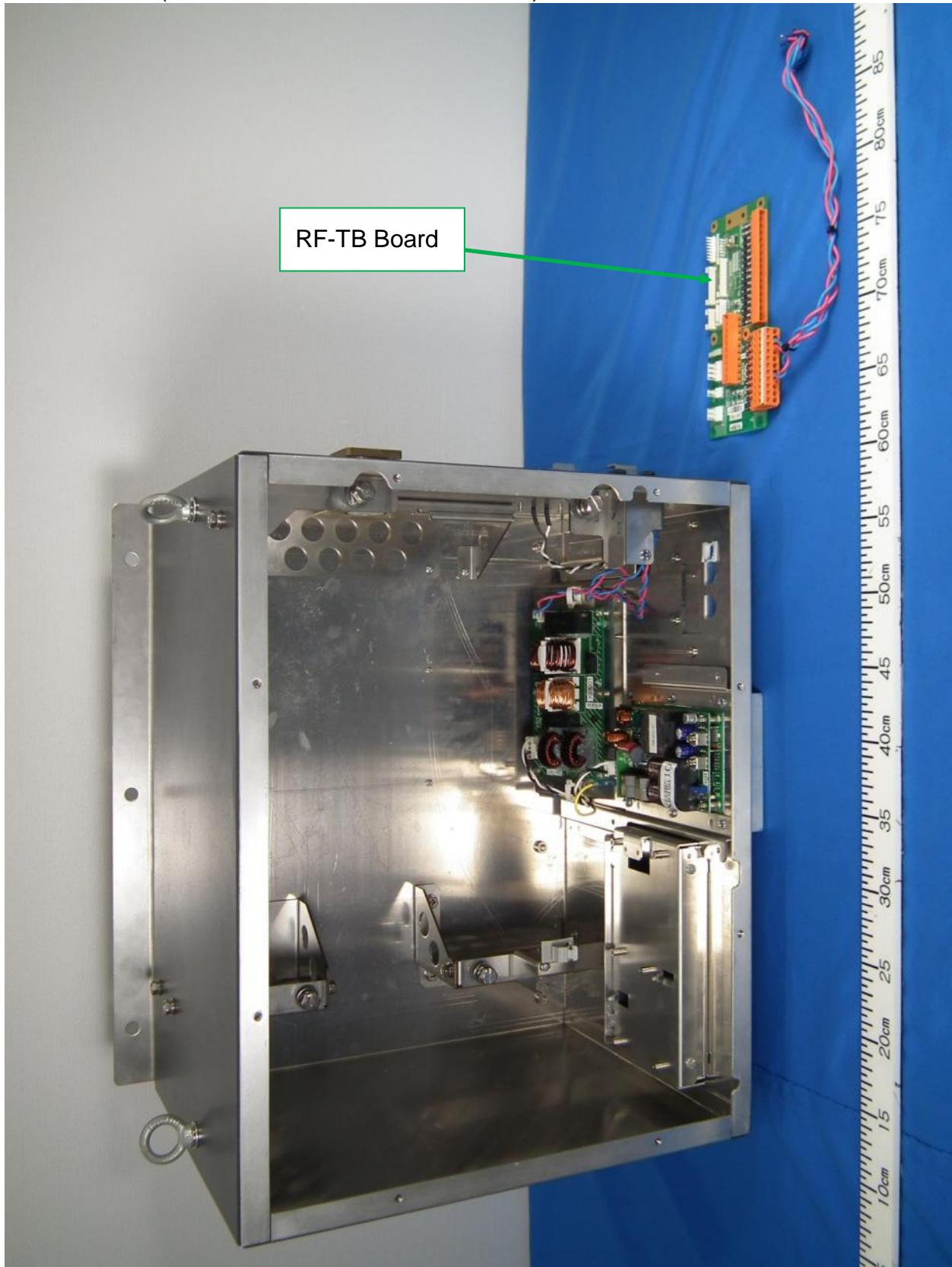
1.3 Inside View (with RF unit removed)



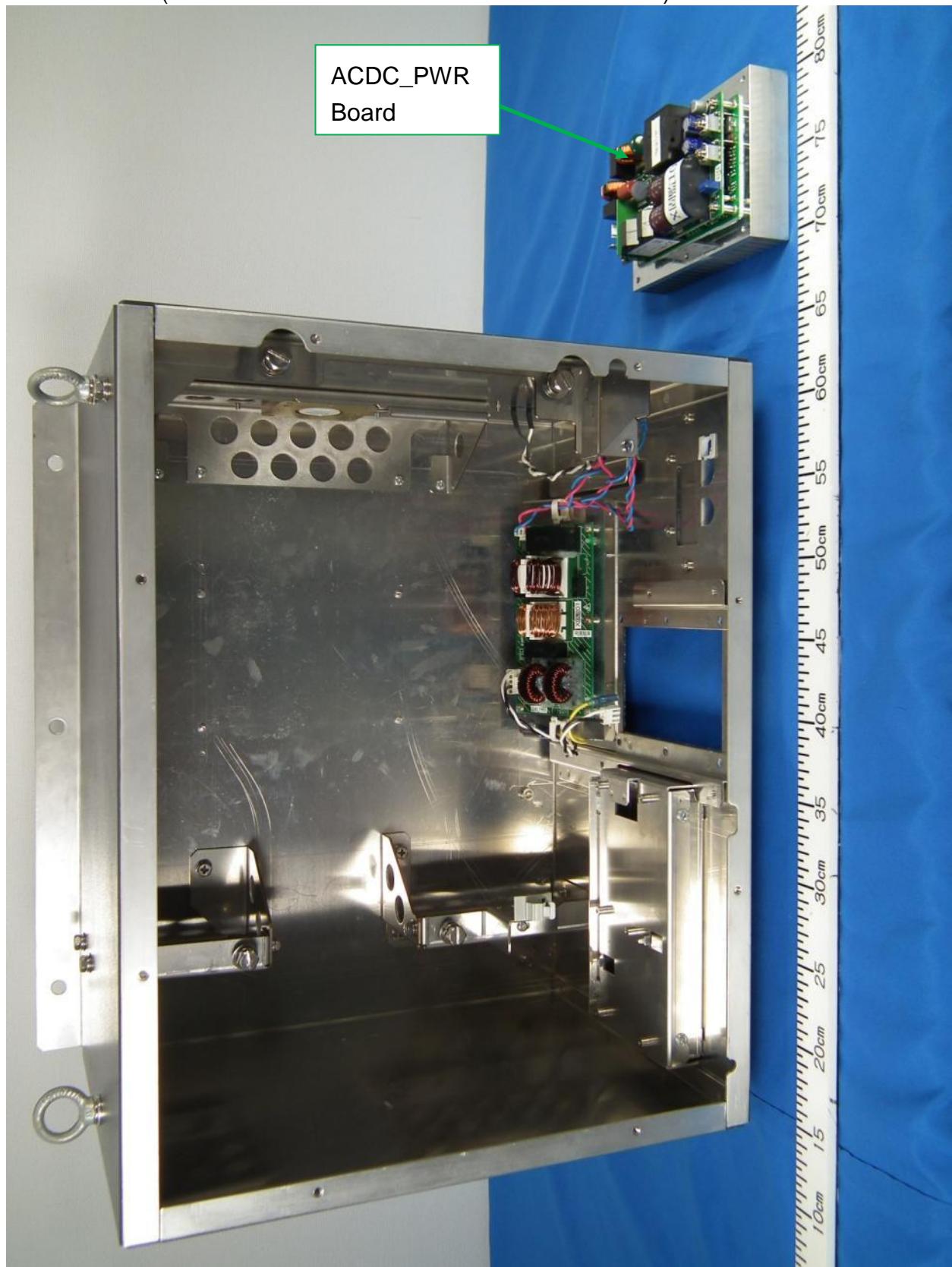
1.4 Inside View (with the Shield case removed, showing FIL Board 24P0141, ACDC-PWR Board GHA500F-48-J1 and RF-TB Board 03P9570 )



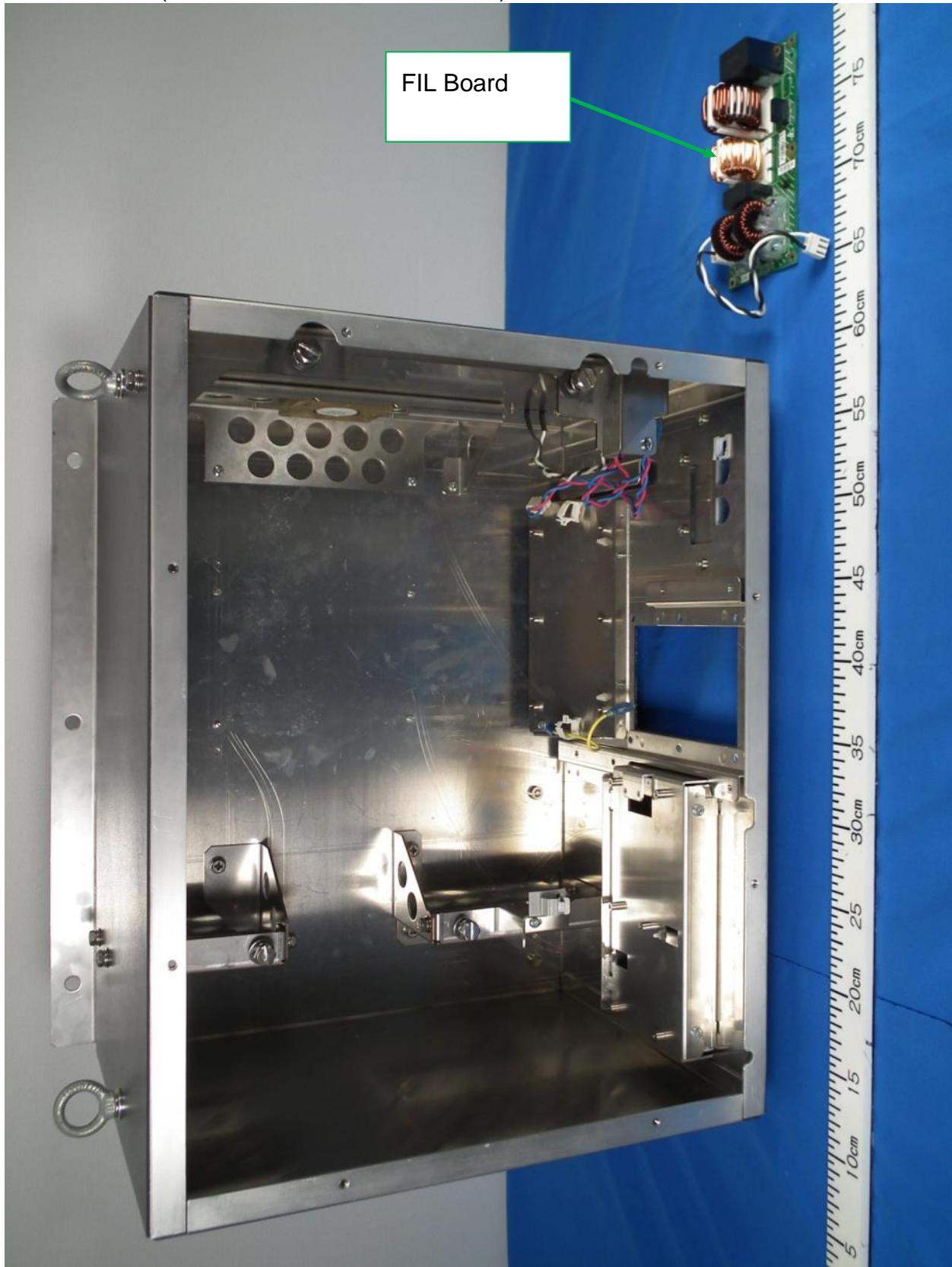
1.5 Inside View (with RF-TB Board 03P9570 removed)



1.6 Inside View (with ACDC-PWR Board GHA500F-48-J1 removed)

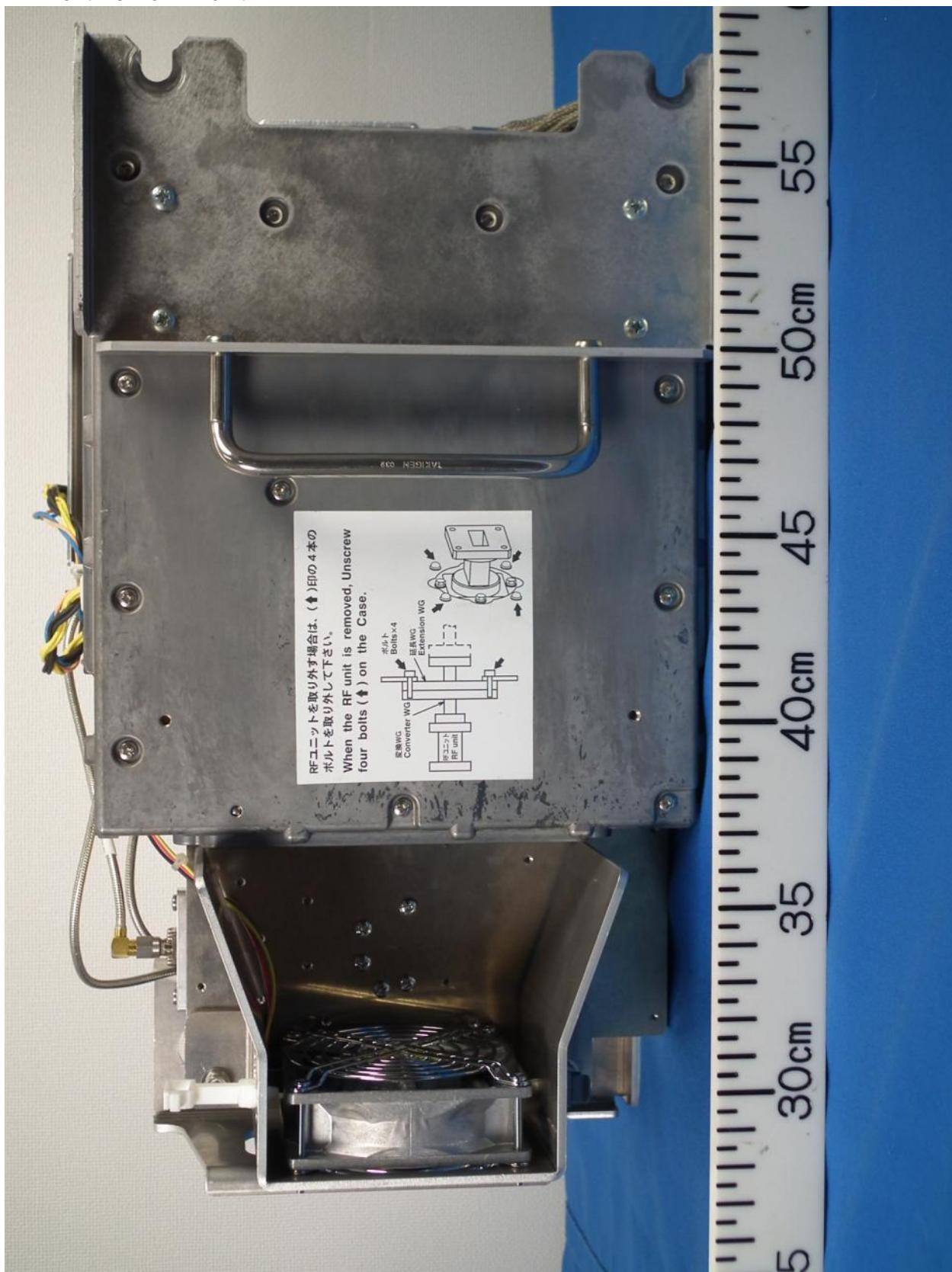


1.7 Inside View (with FIL Board 24P0141 removed)

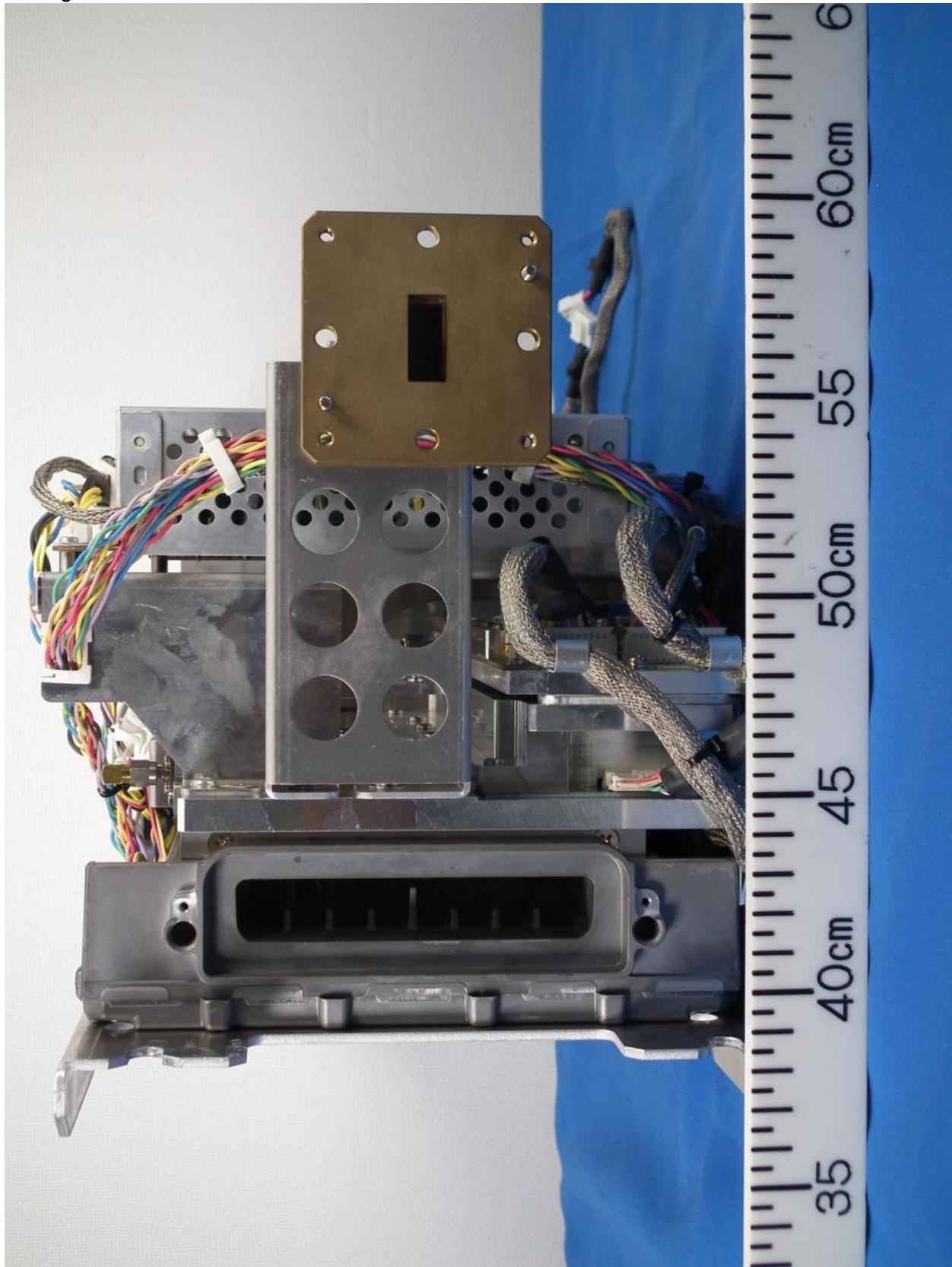


## 2 RF unit

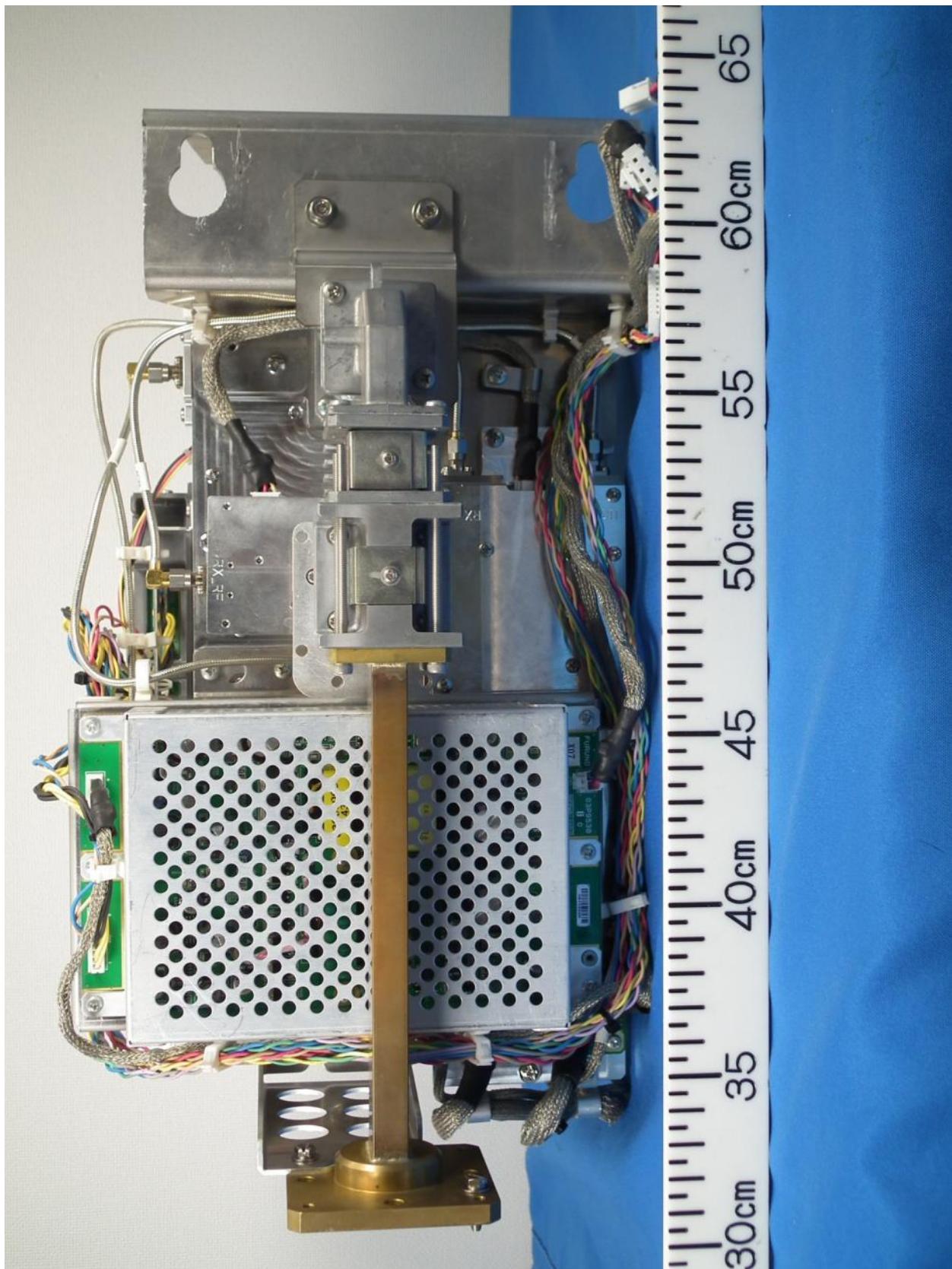
### 2.1 Front view of RF unit



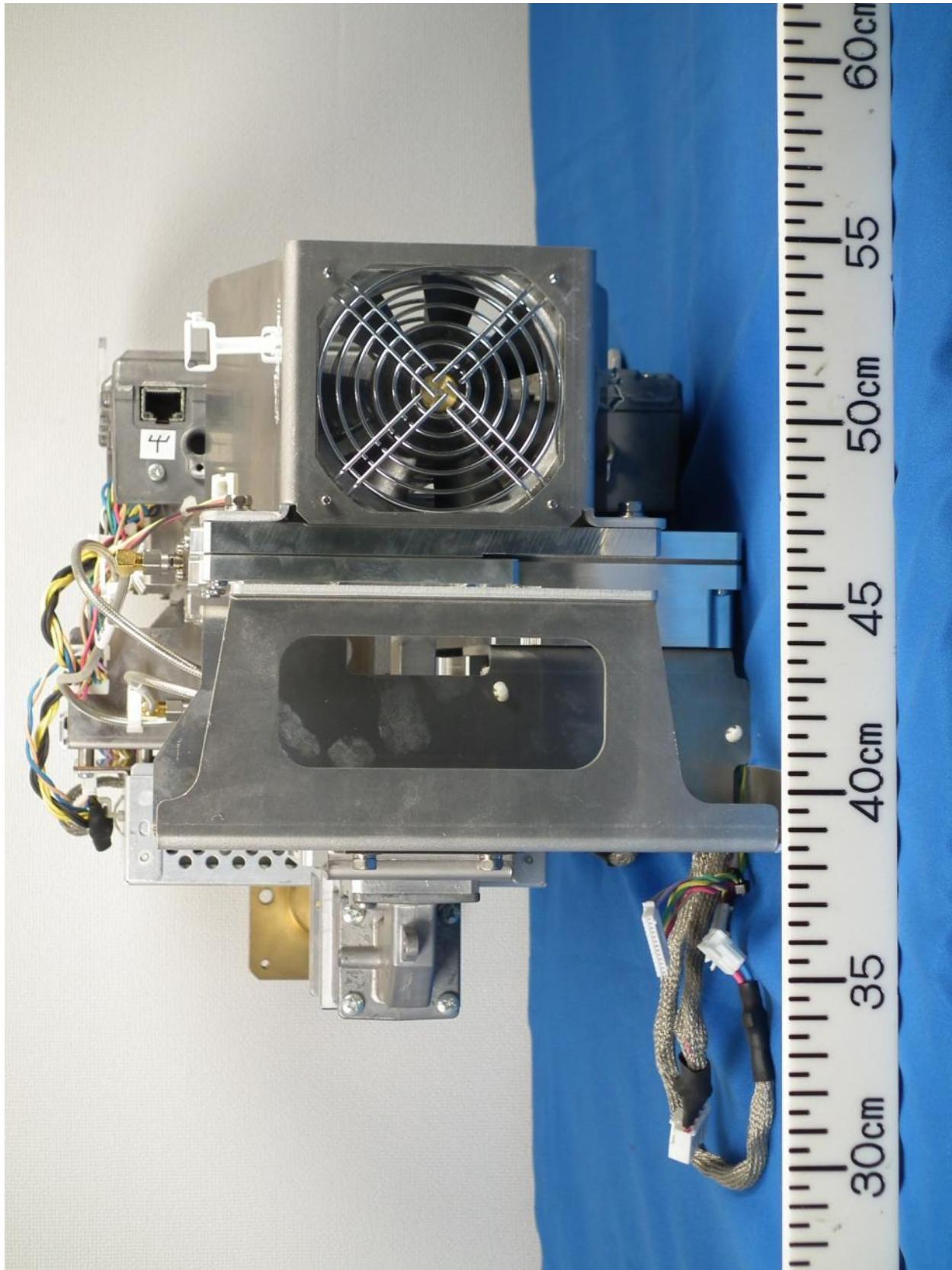
2.2 Right view of RF unit



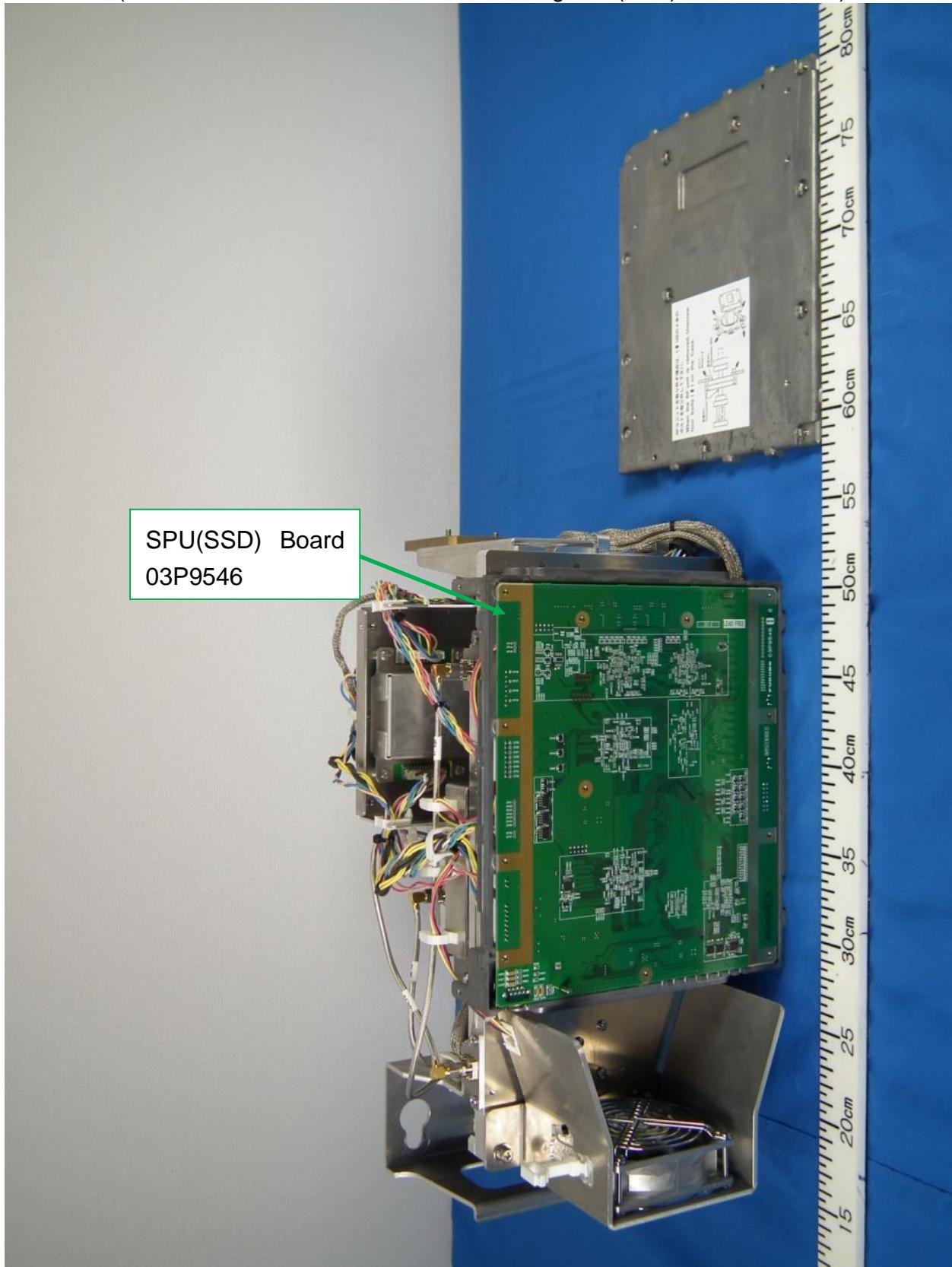
2.3 Rear view of RF unit



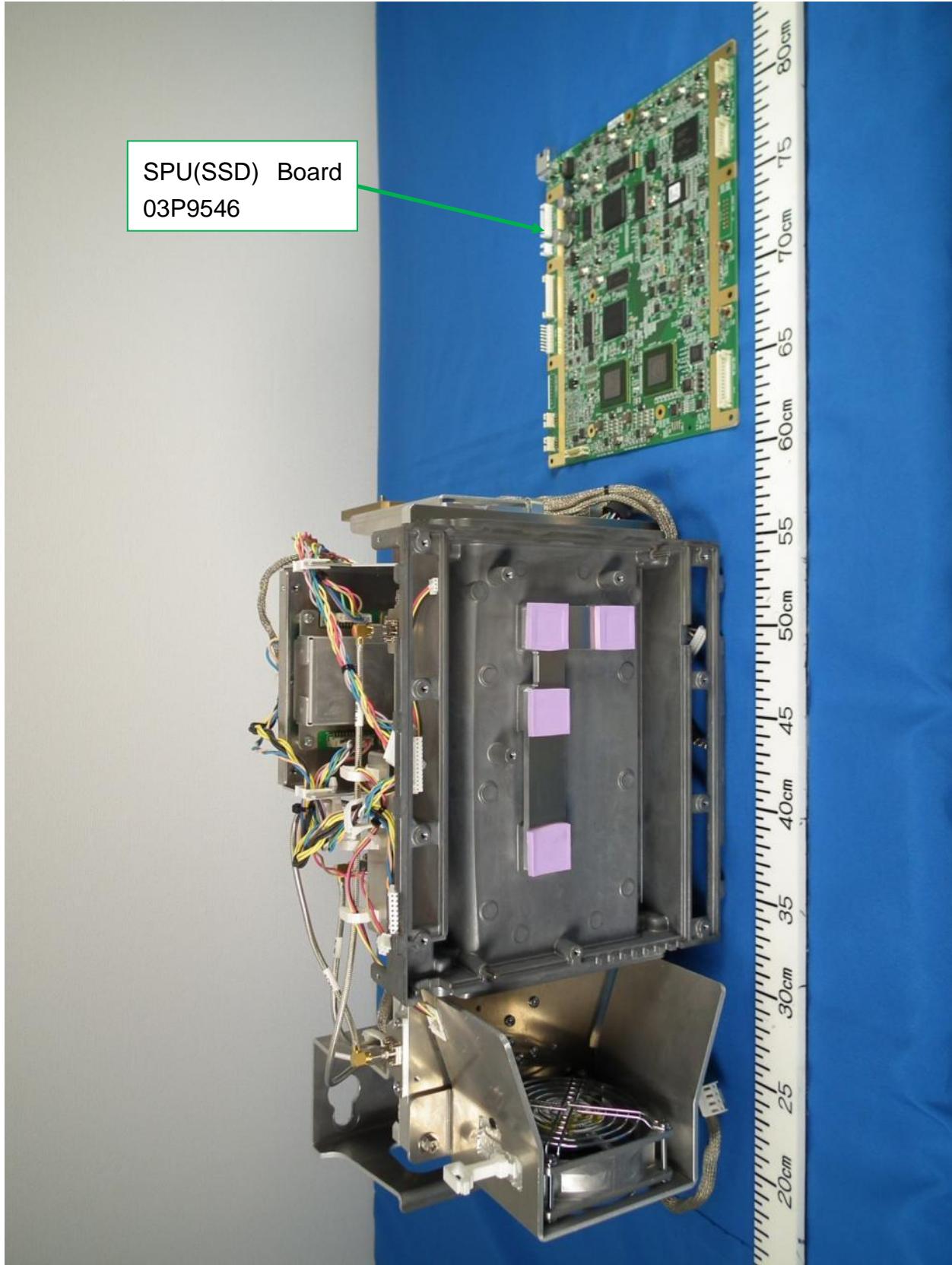
2.4 Left view of RF unit



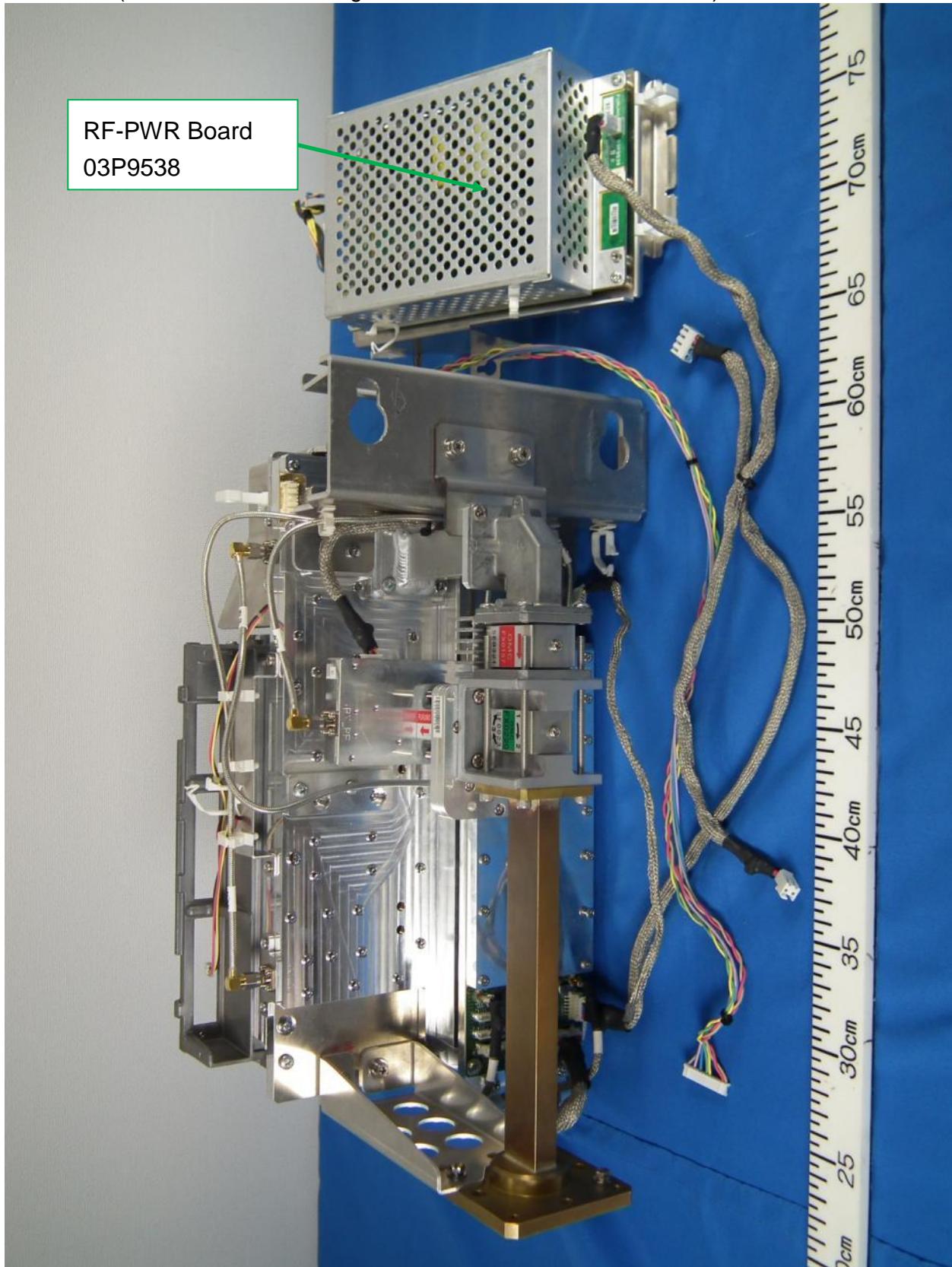
2.5 RF unit (with the cover of the case removed, showing SPU(SSD) Board 03P9546)



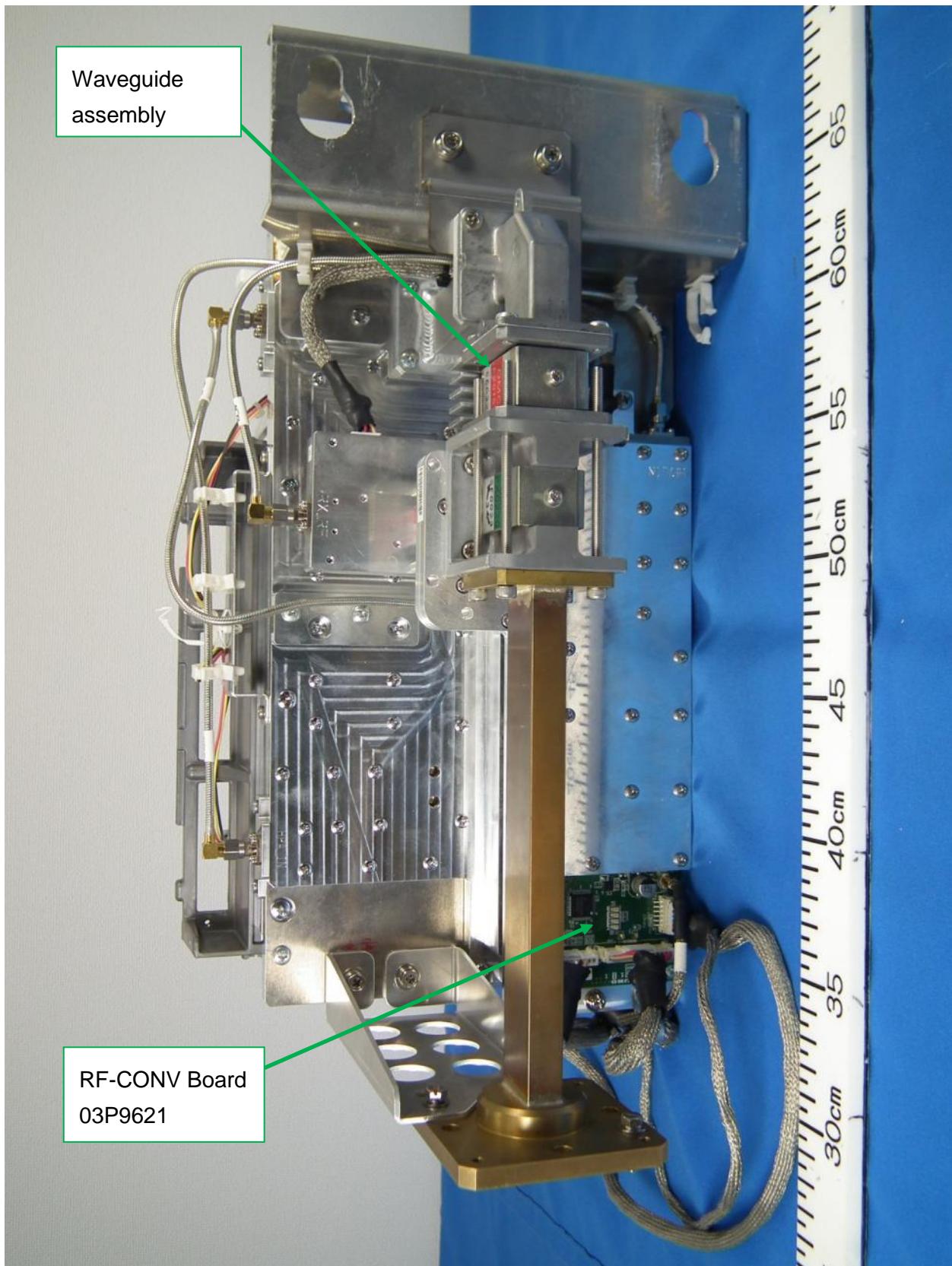
2.6 RF unit (with SPU(SSD) Board 03P9546 removed)



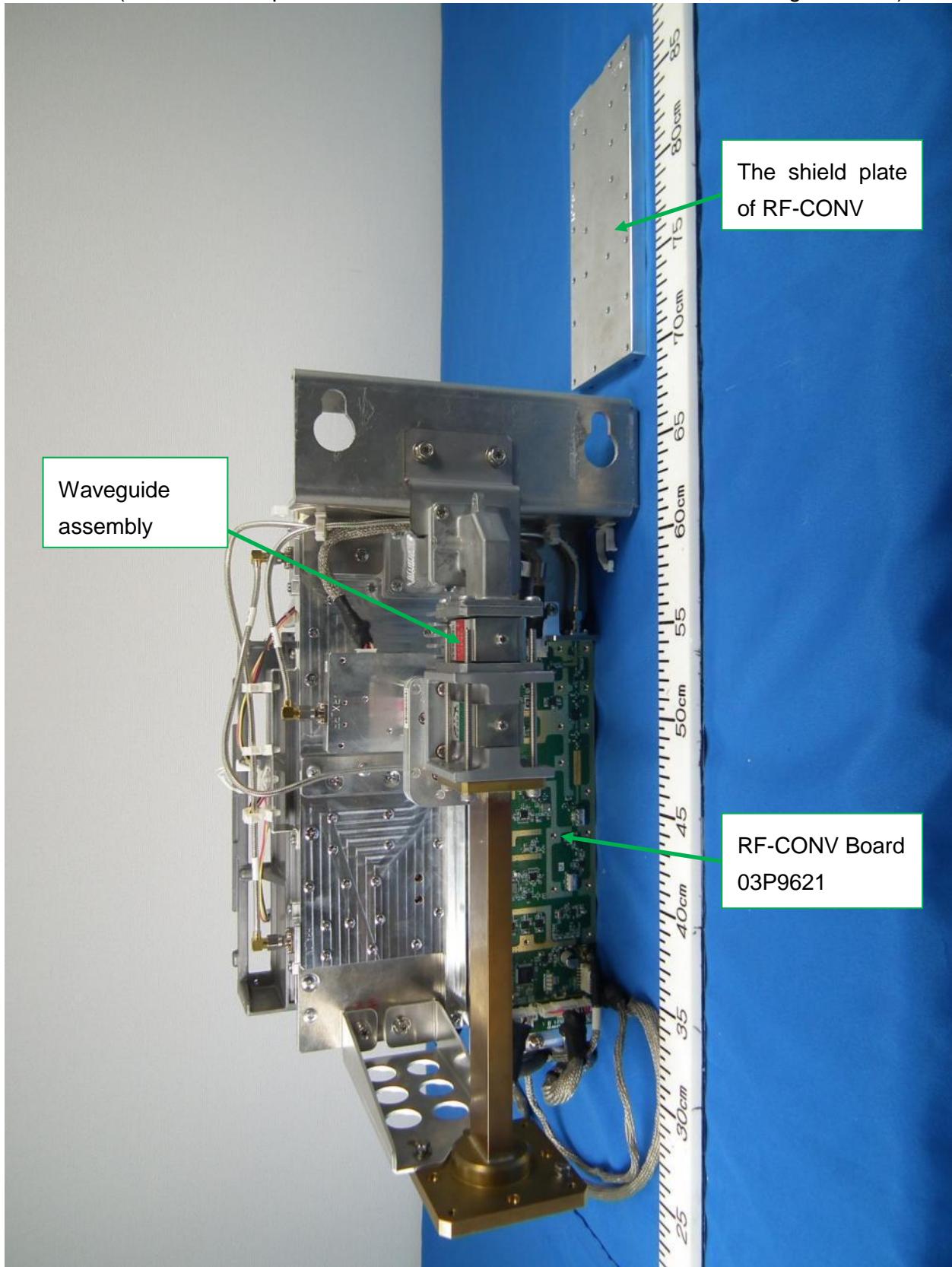
2.7 RF unit (with the case containing RF-PWR Board 03P9538 removed)



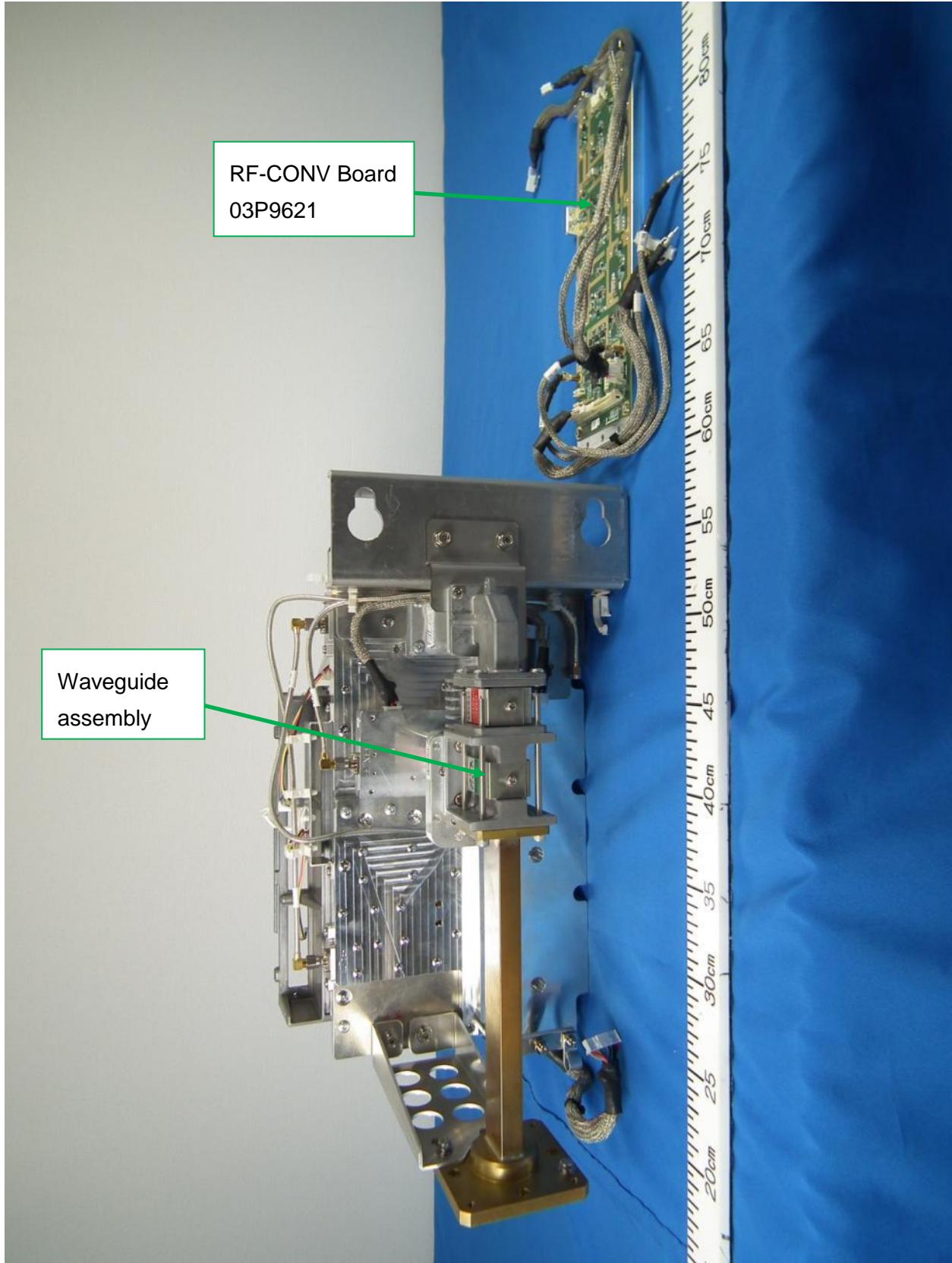
2.8 RF unit rear side view



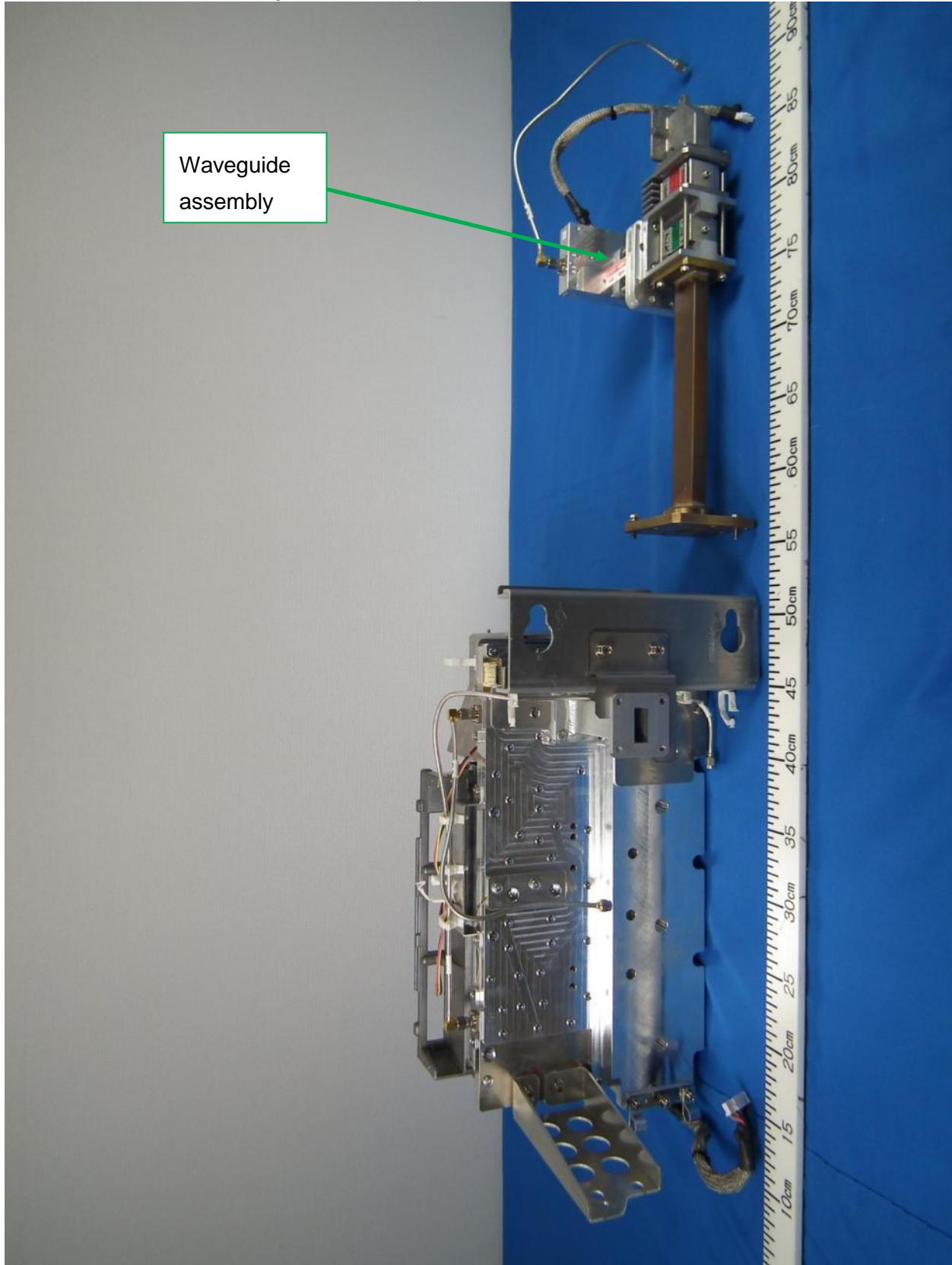
2.9 RF unit (with the shield plate of RF-CONV Board 03P9621 removed, showing 03P9621)



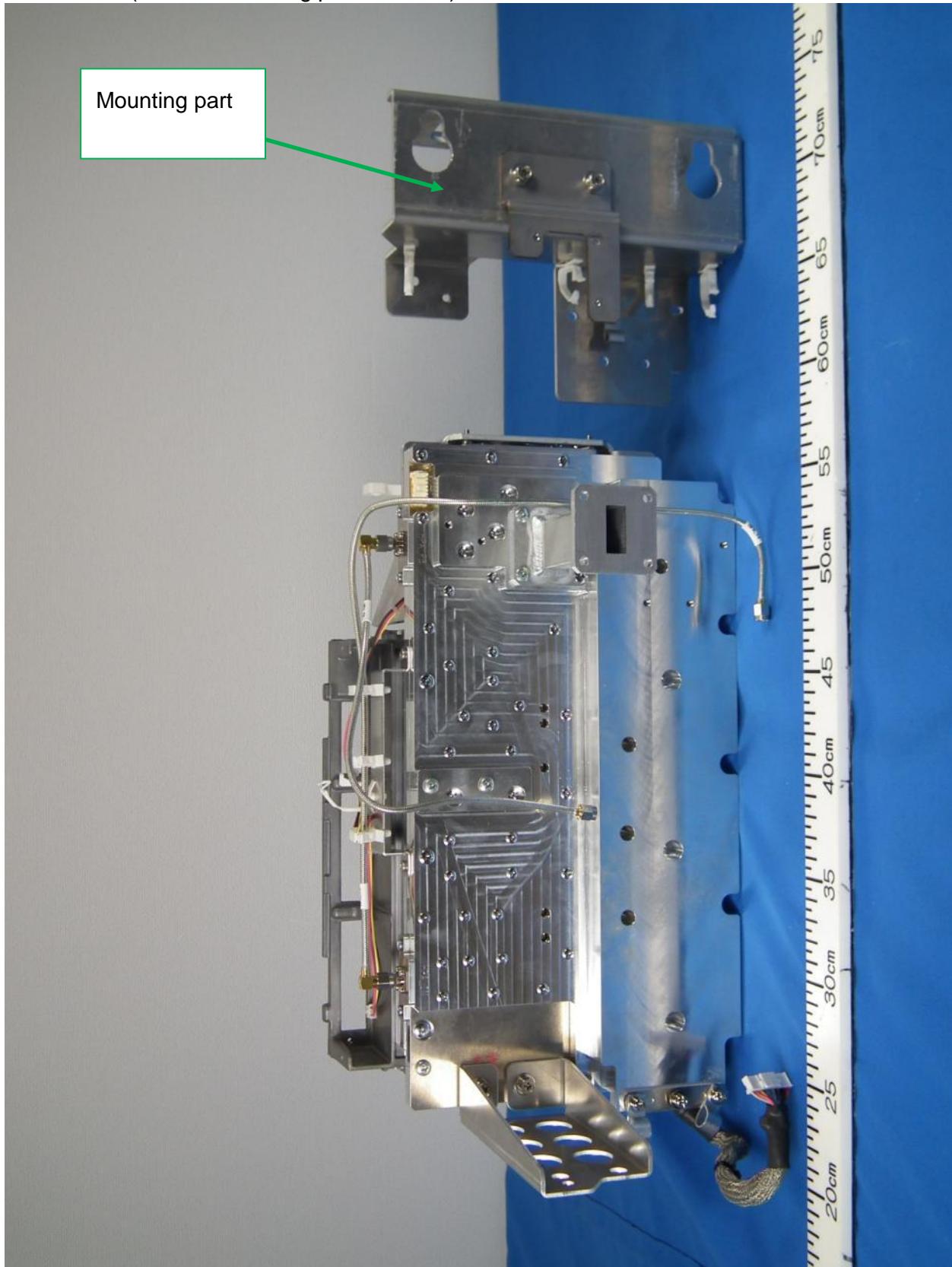
2.10 RF unit (with RF-CONV Board 03P9621 removed)



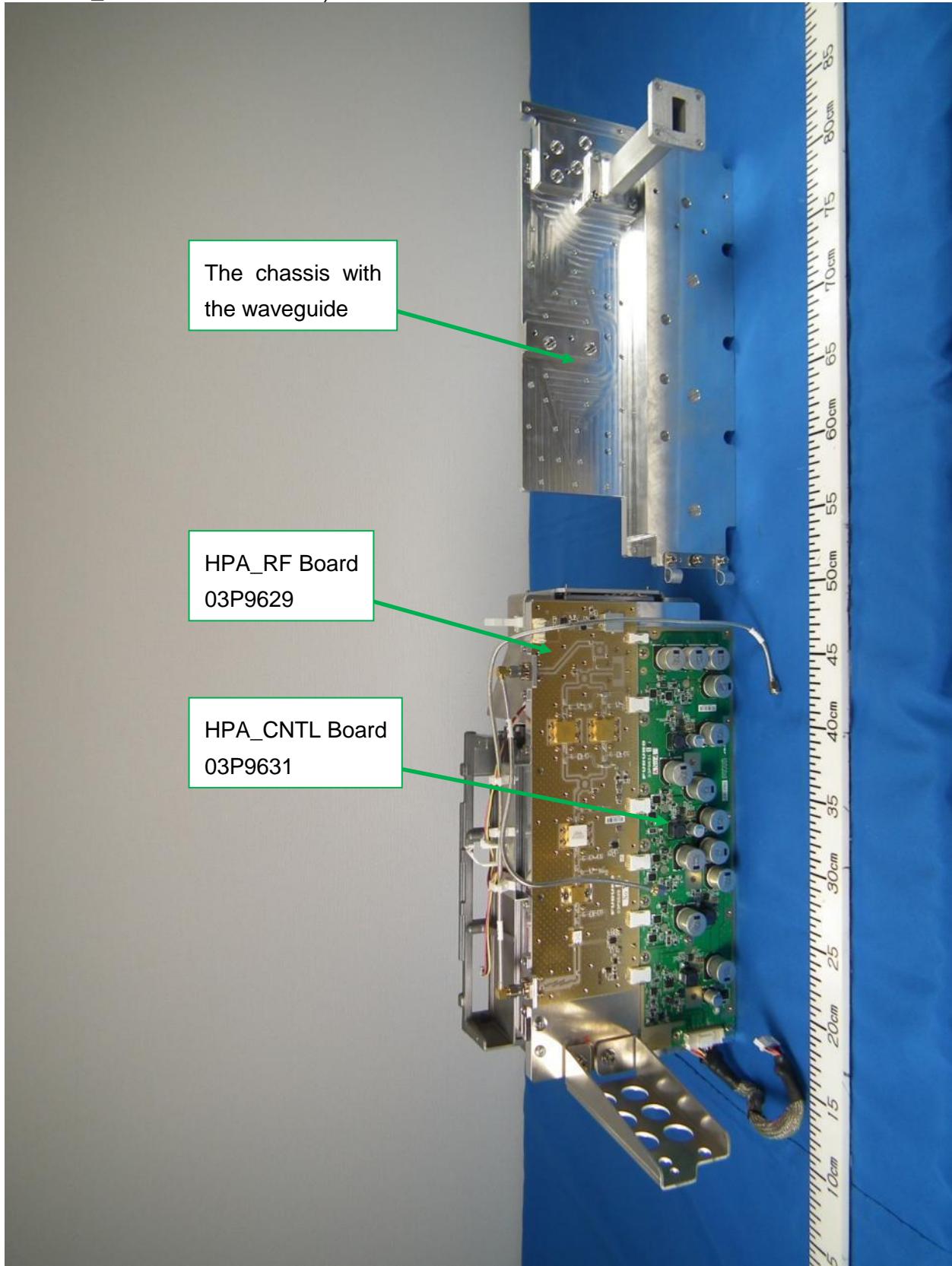
2.11 RF unit (with the waveguide assembly removed)



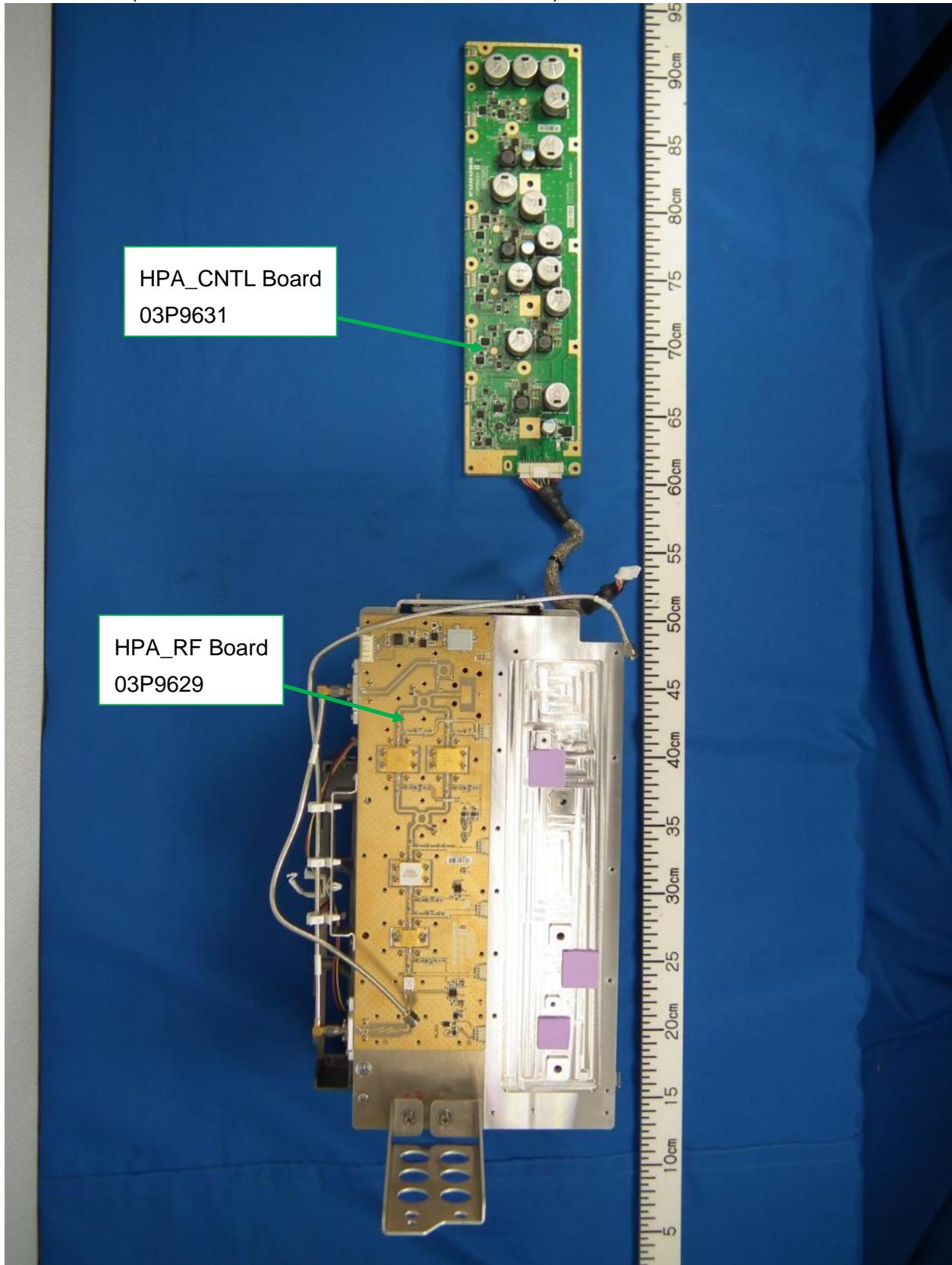
2.12 RF unit (with the mounting part removed)



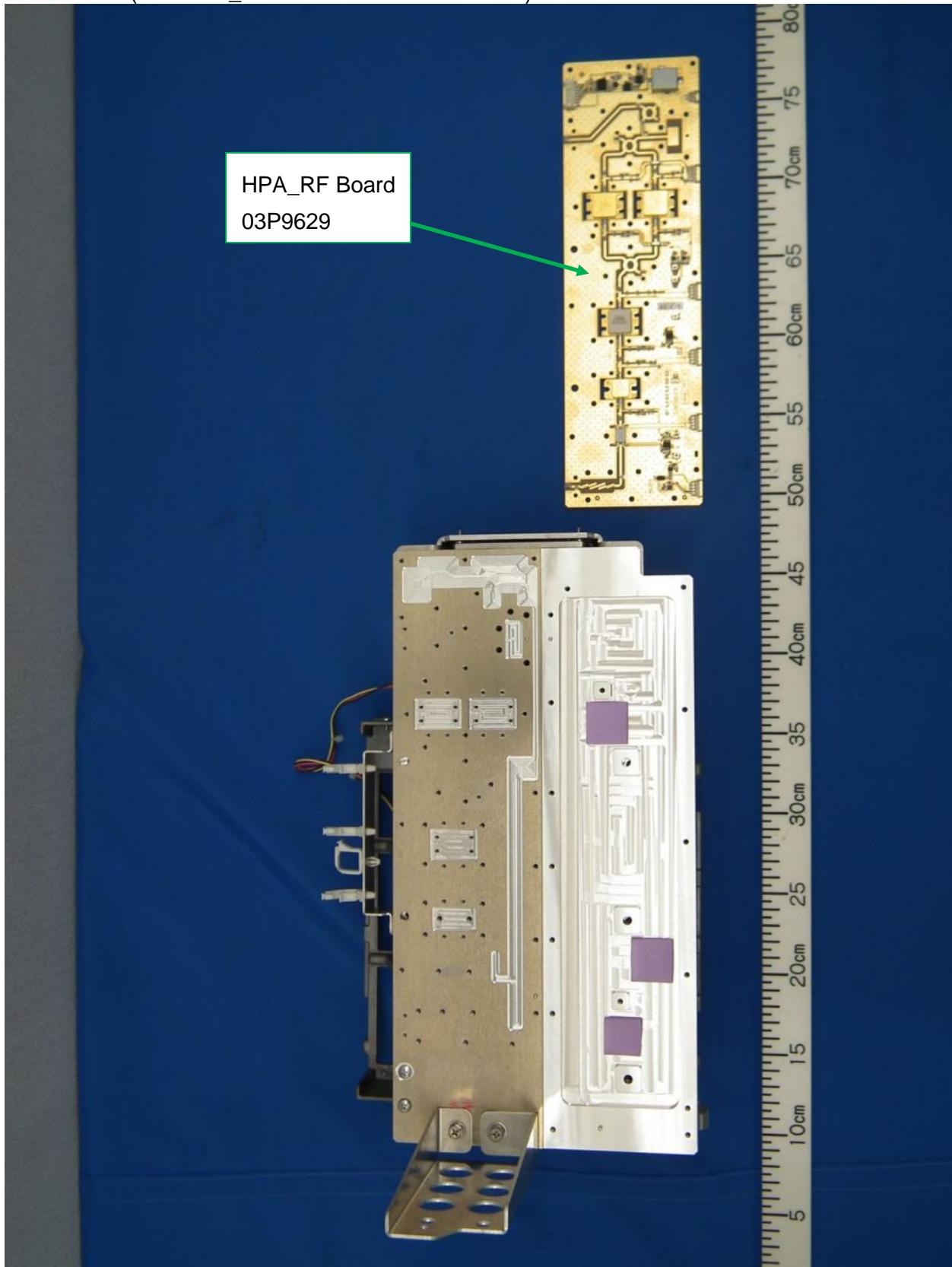
2.13 RF unit (with the chassis with the waveguide removed, showing HPA\_RF Board 03P9629 and HPA\_CNTL Board 03P9631)



2.14 RF unit (with HPA\_CNTL Board 03P9631 removed)

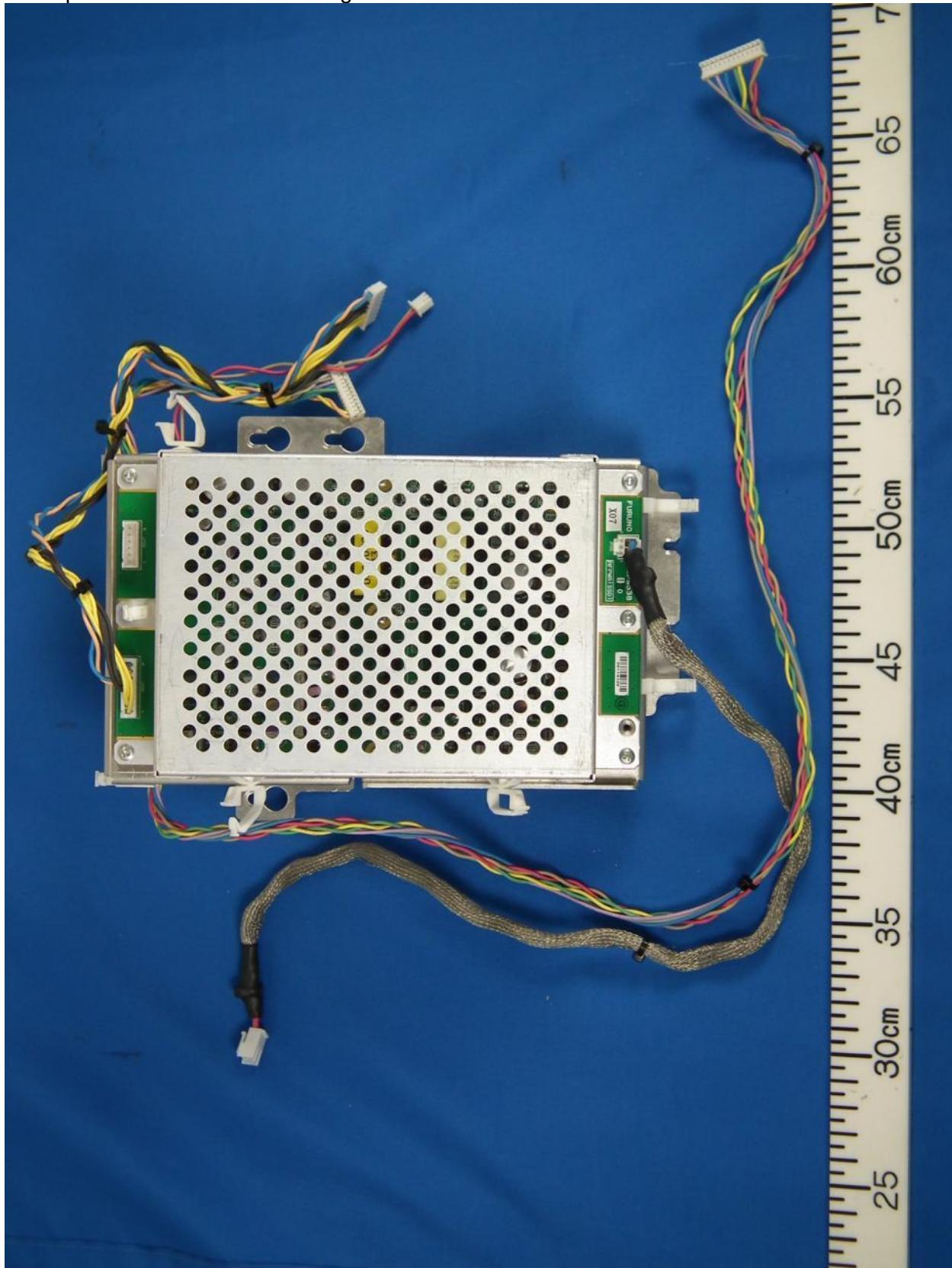


2.15 RF unit (with HPA\_RF Board 03P9629 removed)

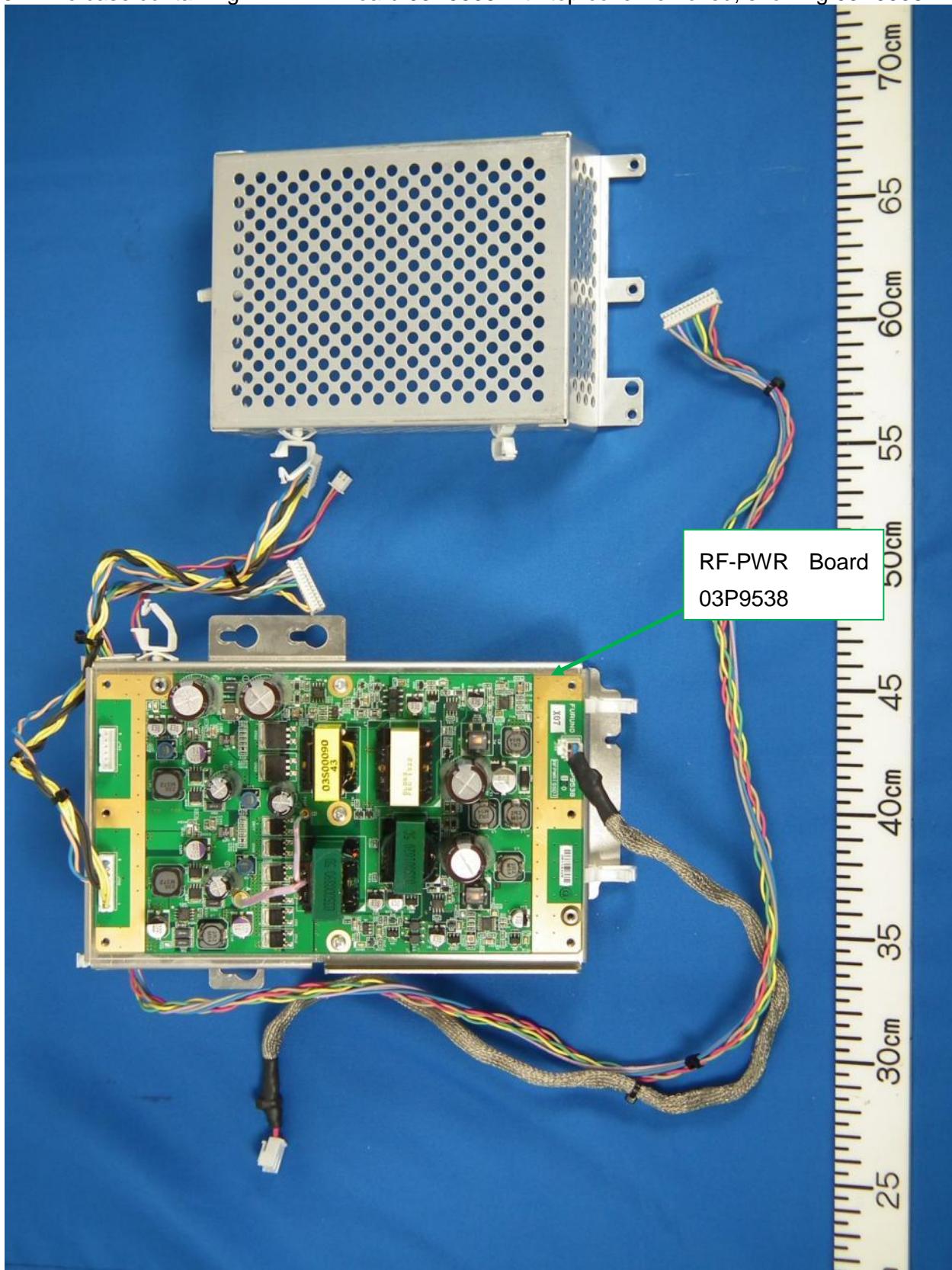


### 3 RF-PWR Board

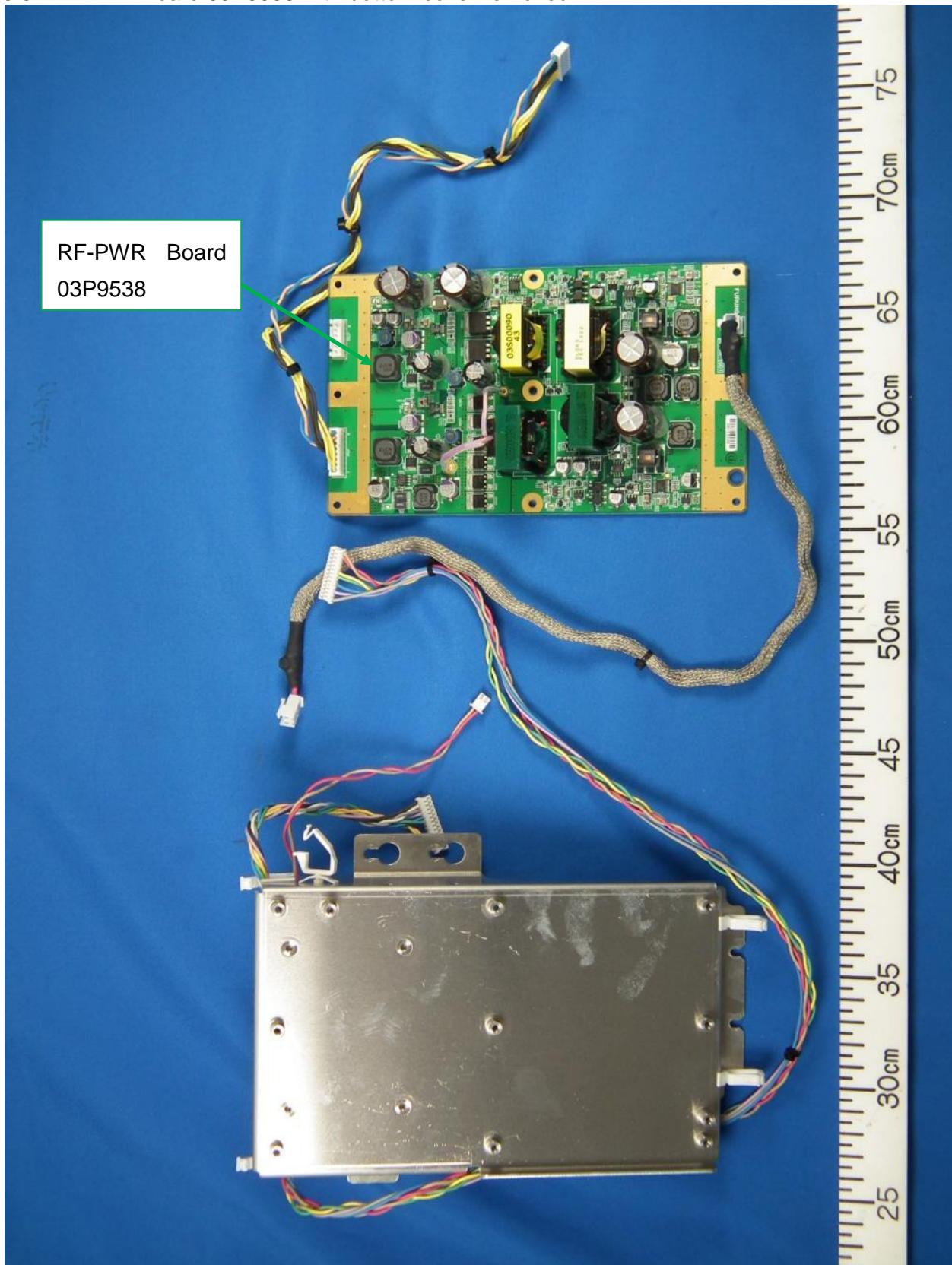
3.1 Top view of the case containing RF- PWR Board 03P9538



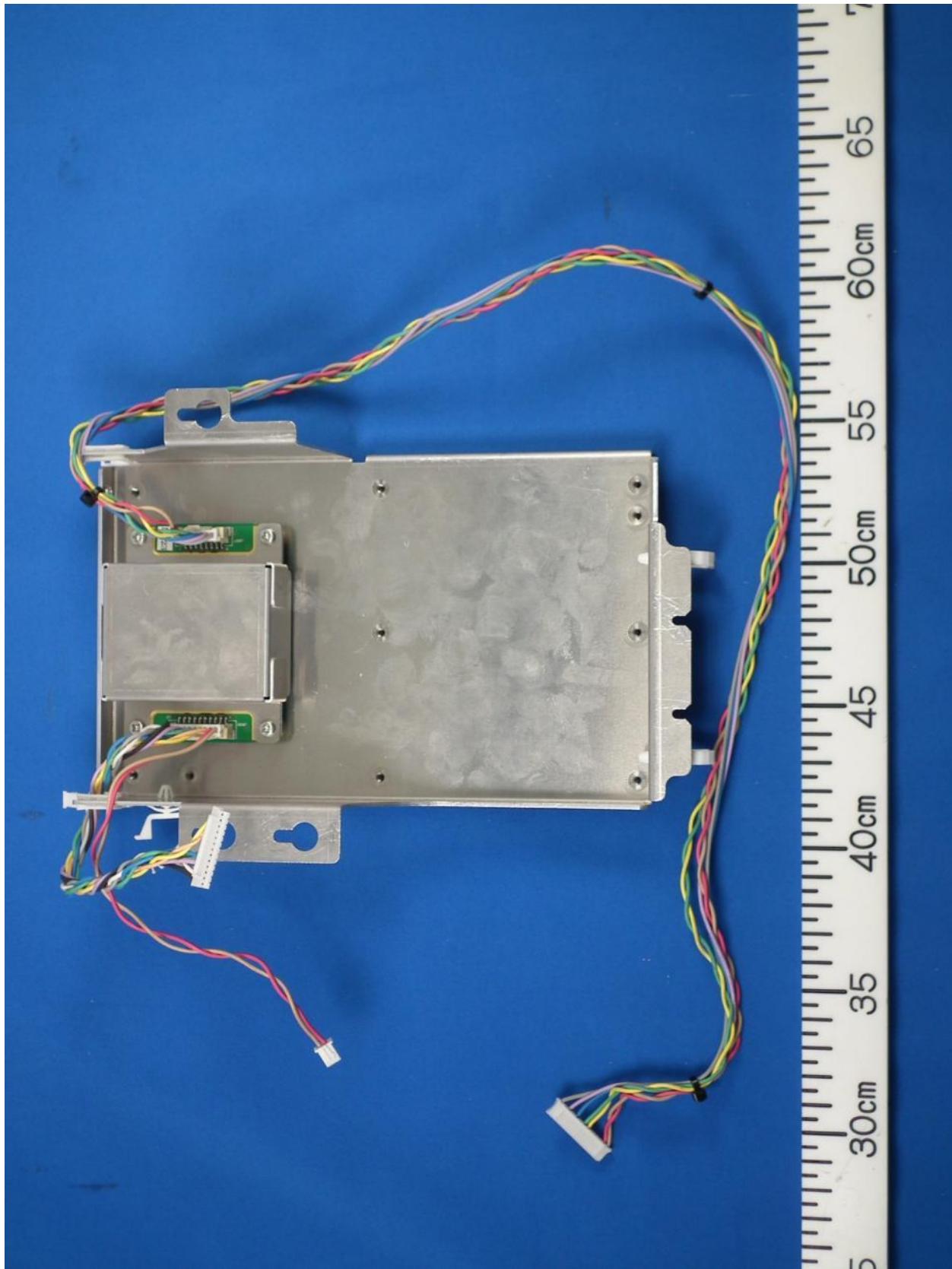
3.2 The case containing RF-PWR Board 03P9538 with top cover removed, showing 03P9538



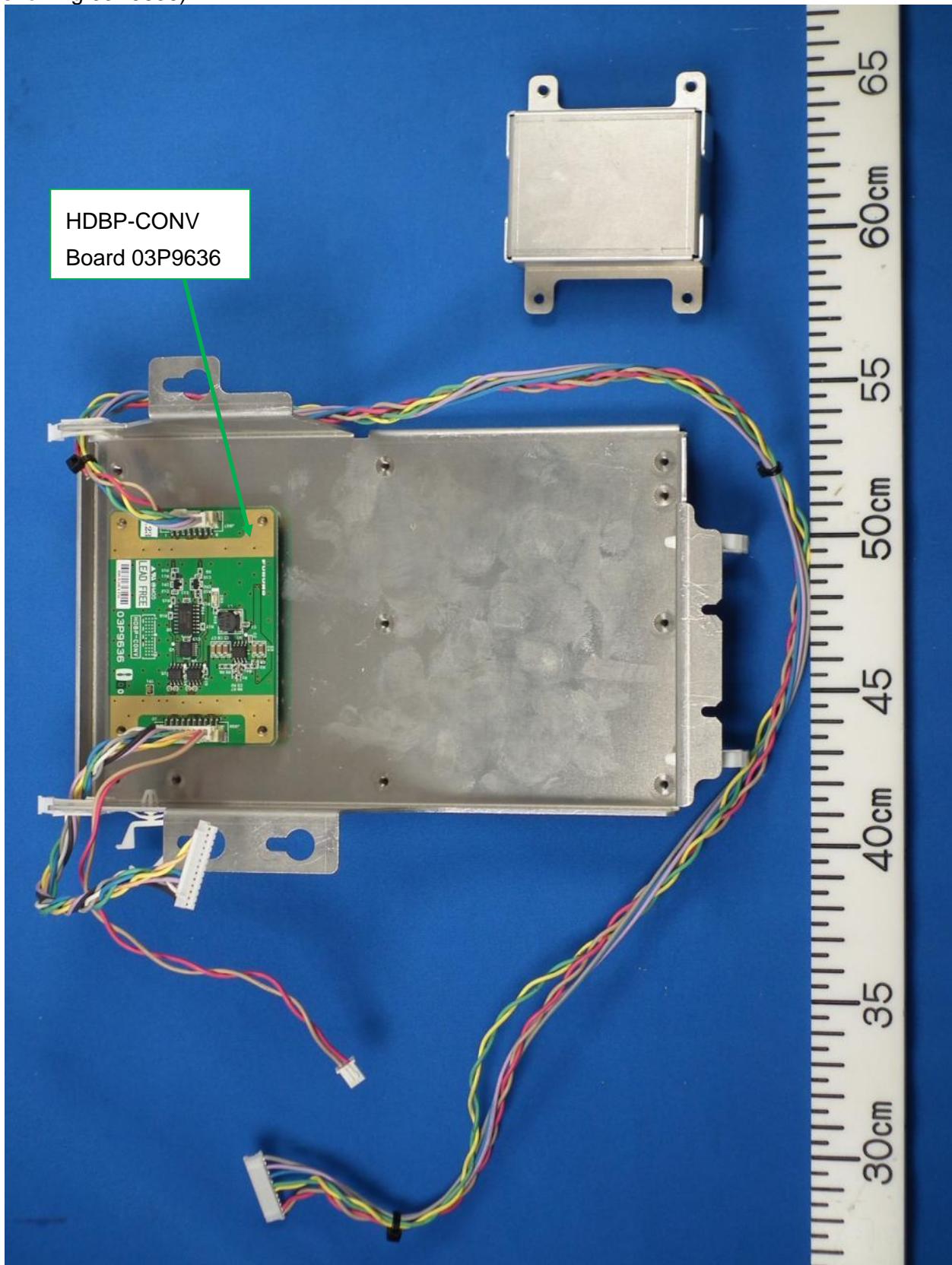
3.3 RF- PWR Board 03P9538 with bottom cover removed



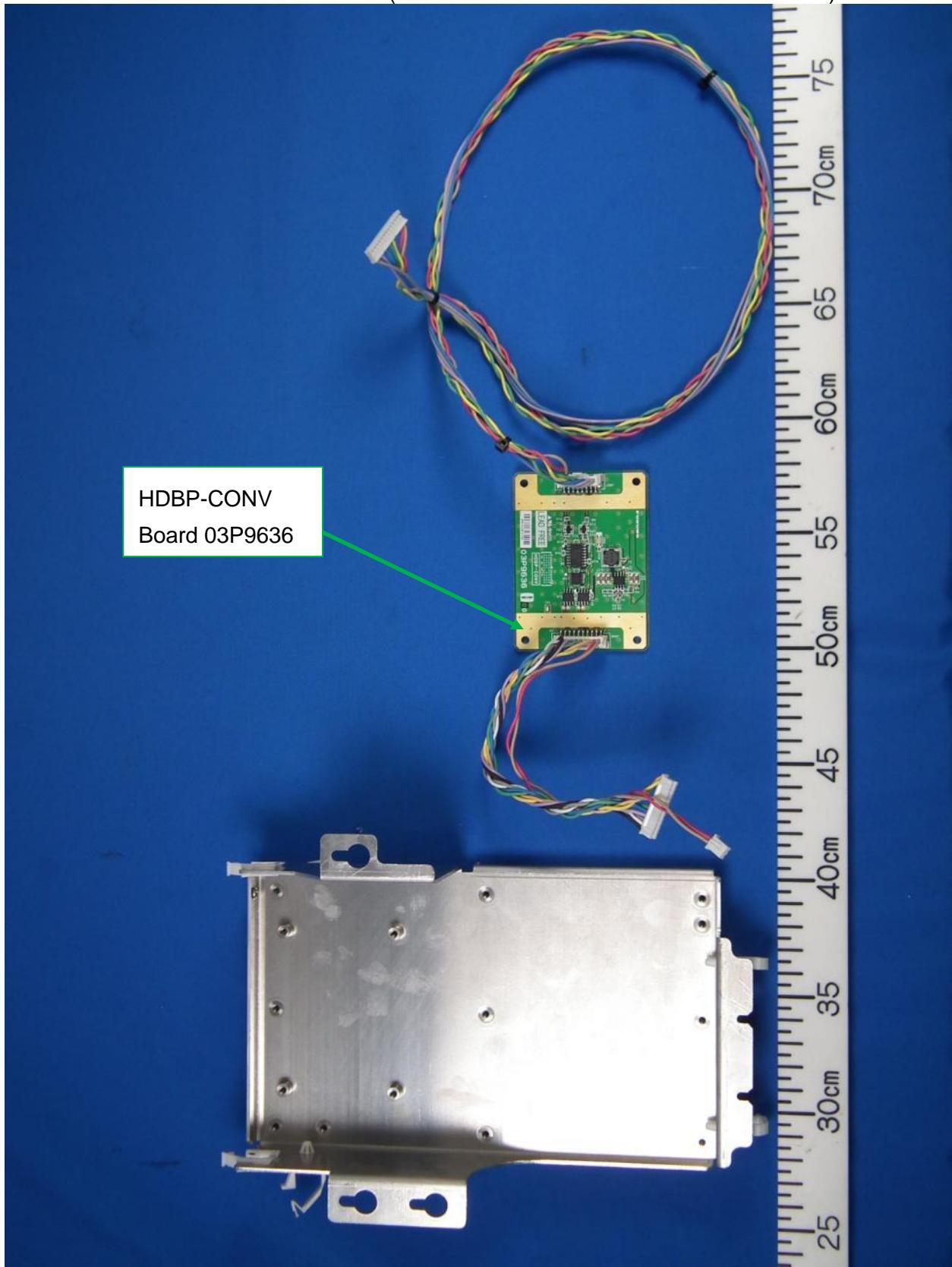
3.4 Back side view of the RF-PWR Board case bottom cover



3.5 RF-PWR Board case bottom cover (with the case of HDBP-CONV Board 03P9636 removed, showing 03P9636)

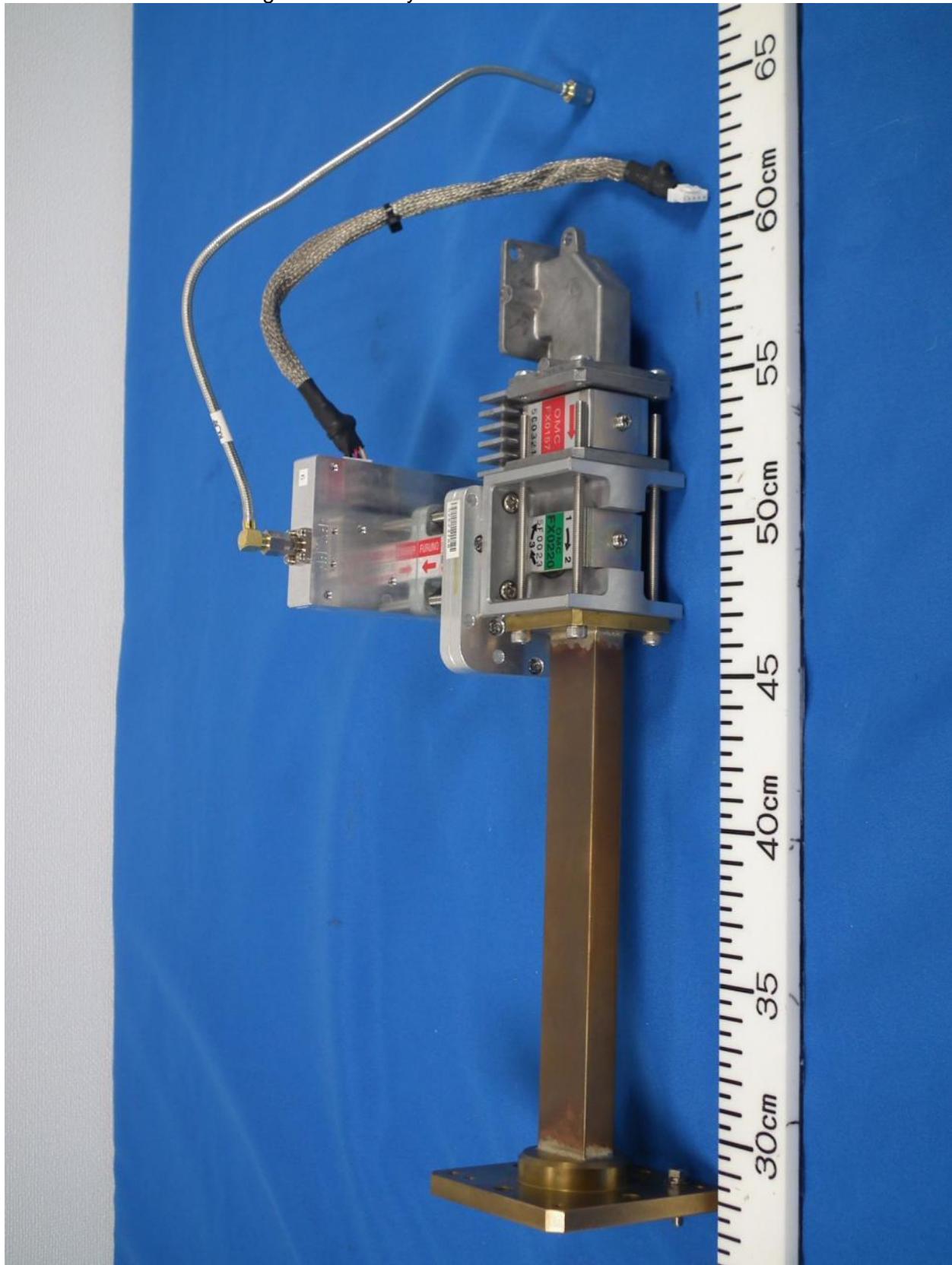


3.6 RF-PWR Board case bottom cover (with HDBP-CONV Board 03P9636 removed)

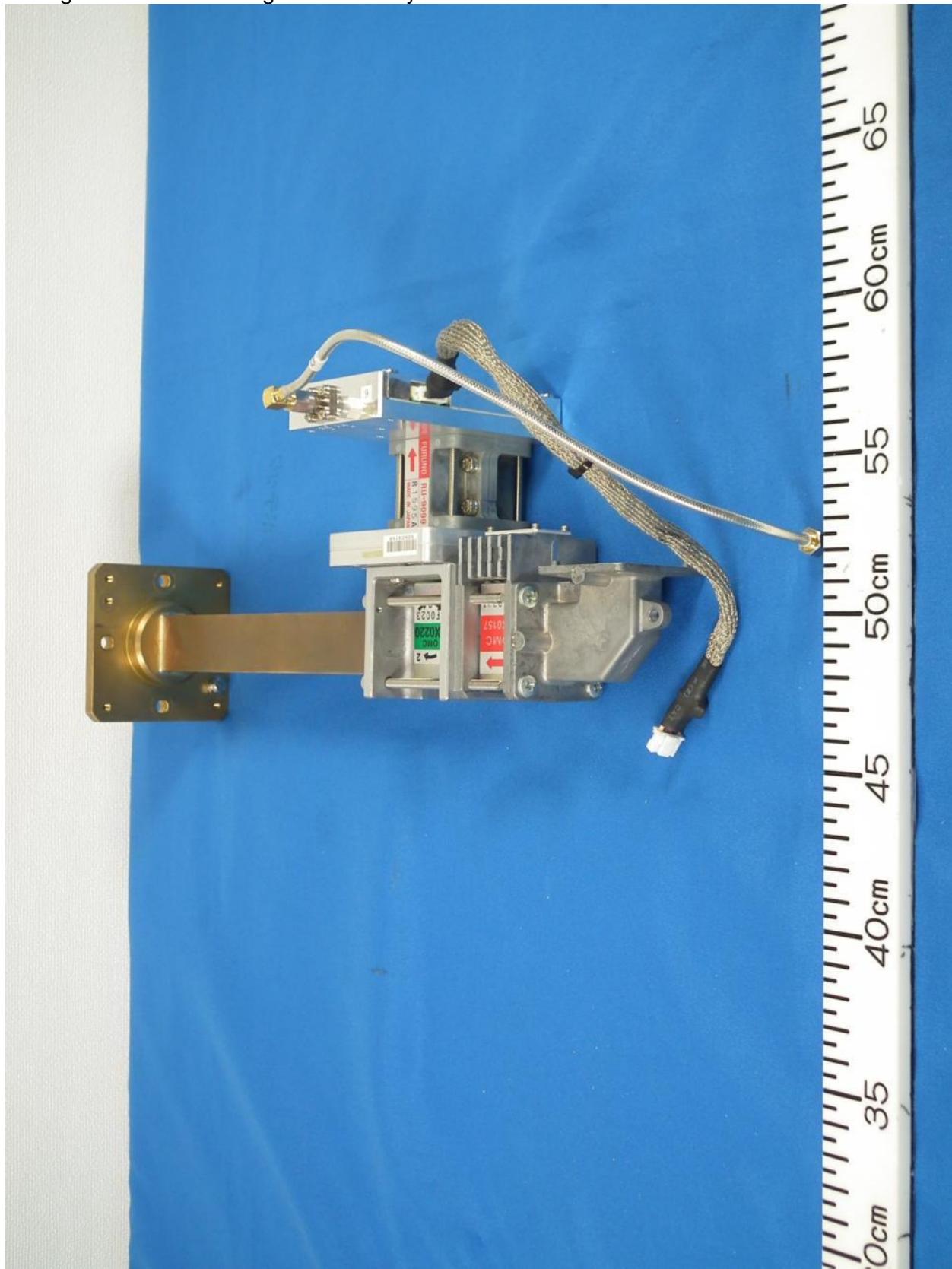


#### 4. Waveguide assembly

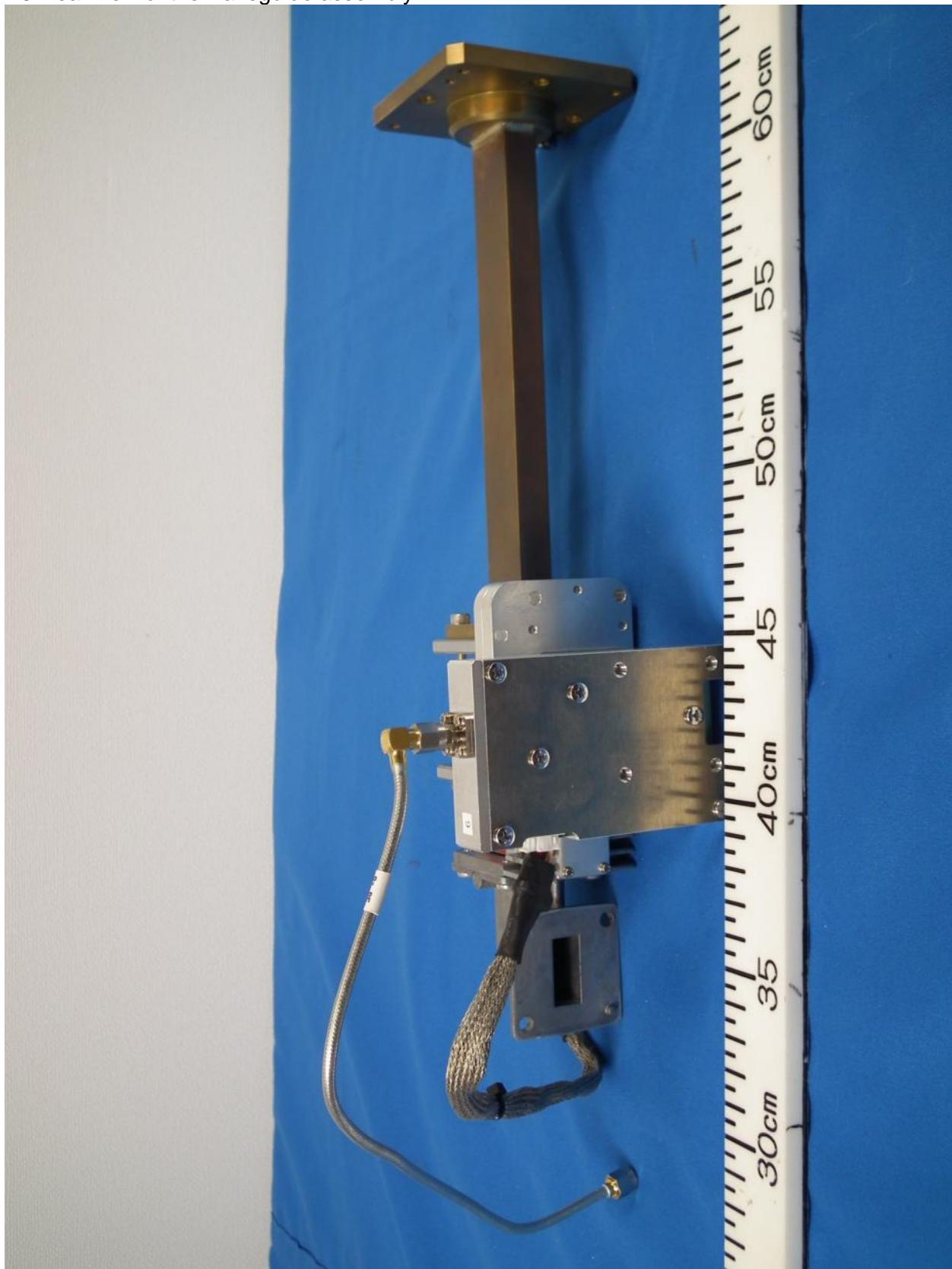
##### 4.1 Front view of the waveguide assembly



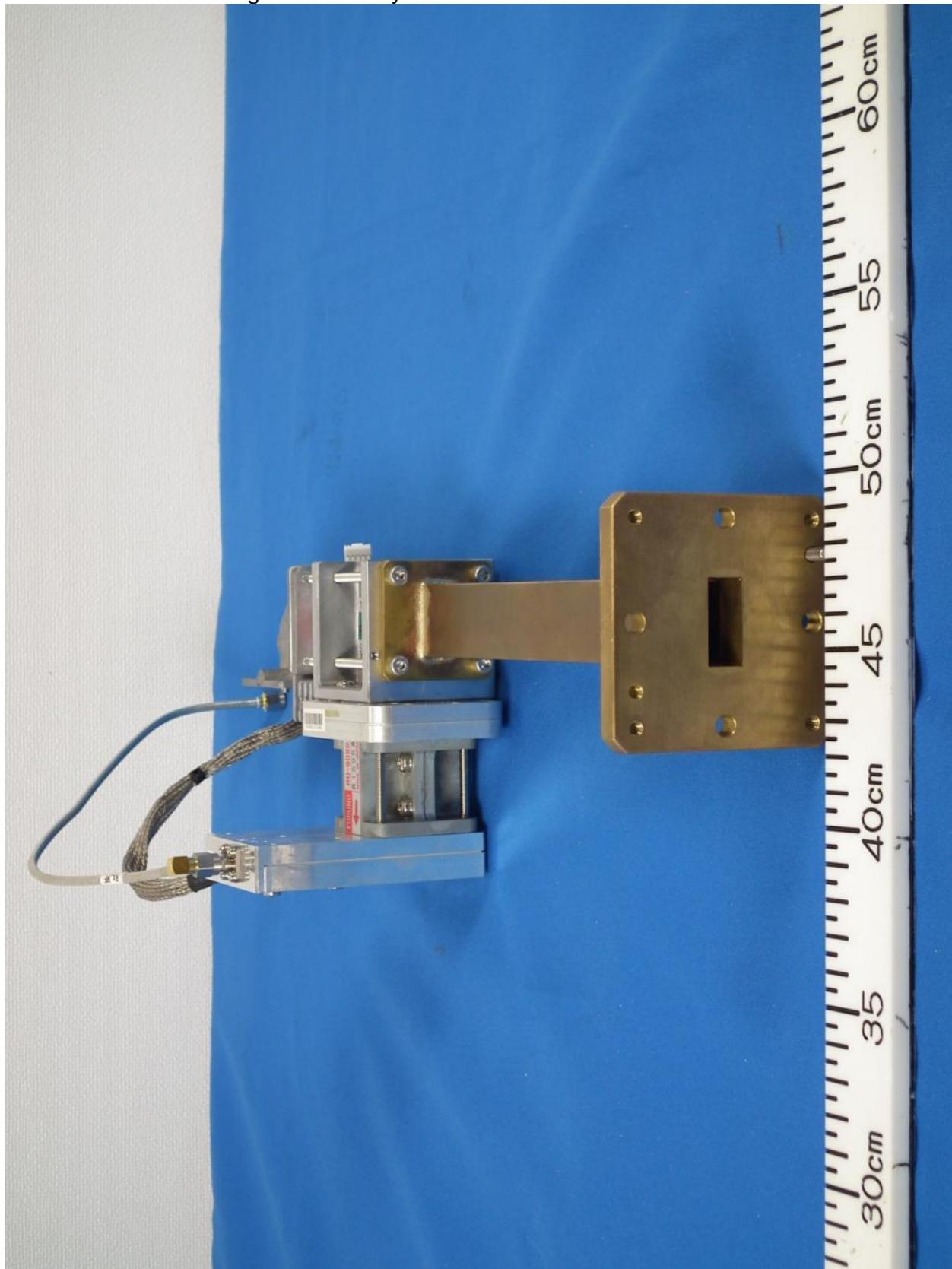
4.2 Right view of the waveguide assembly



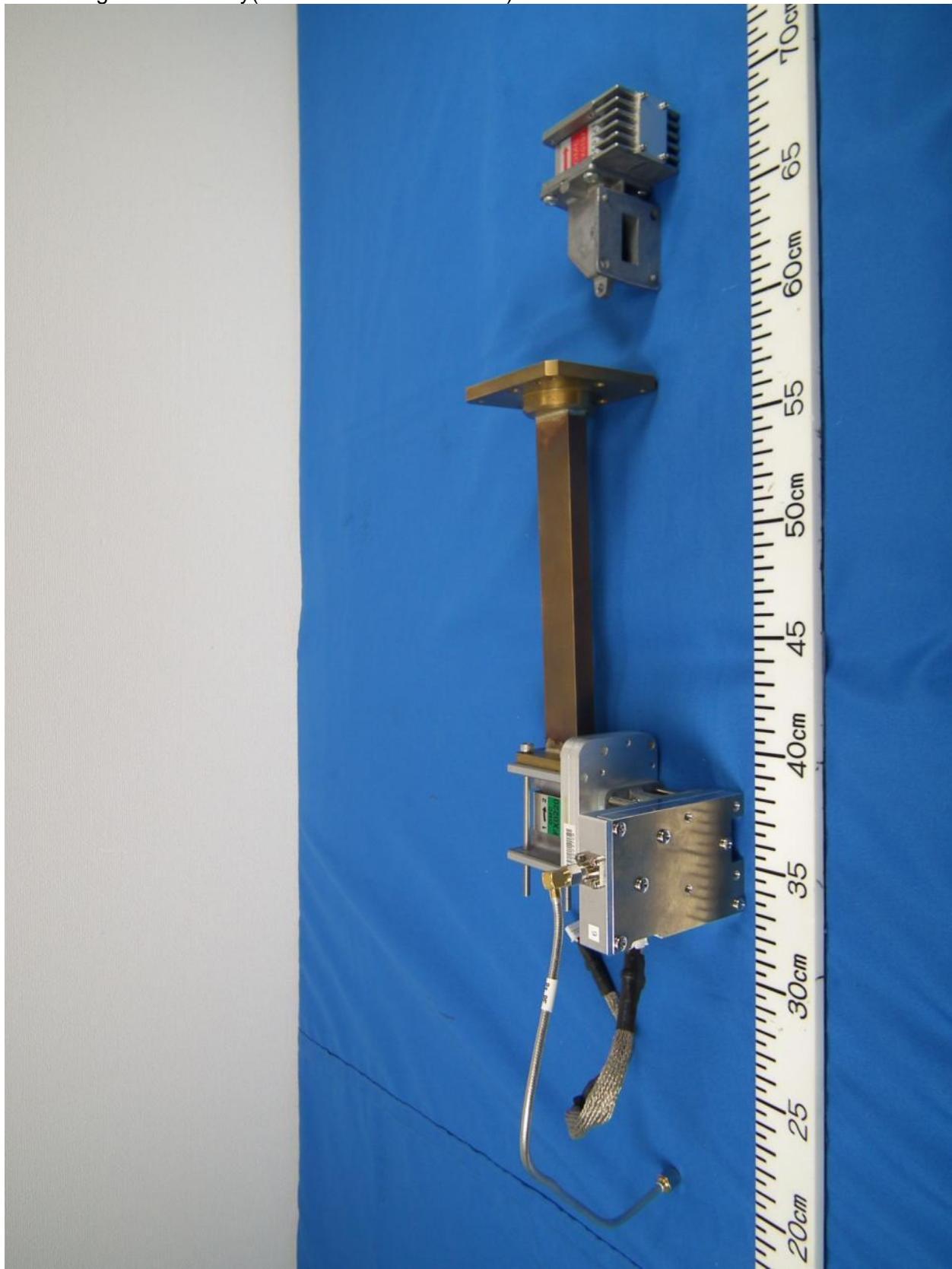
4.3 Rear view of the waveguide assembly



4.4 Left view of the waveguide assembly



4.5 Waveguide assembly (with the isolator removed)



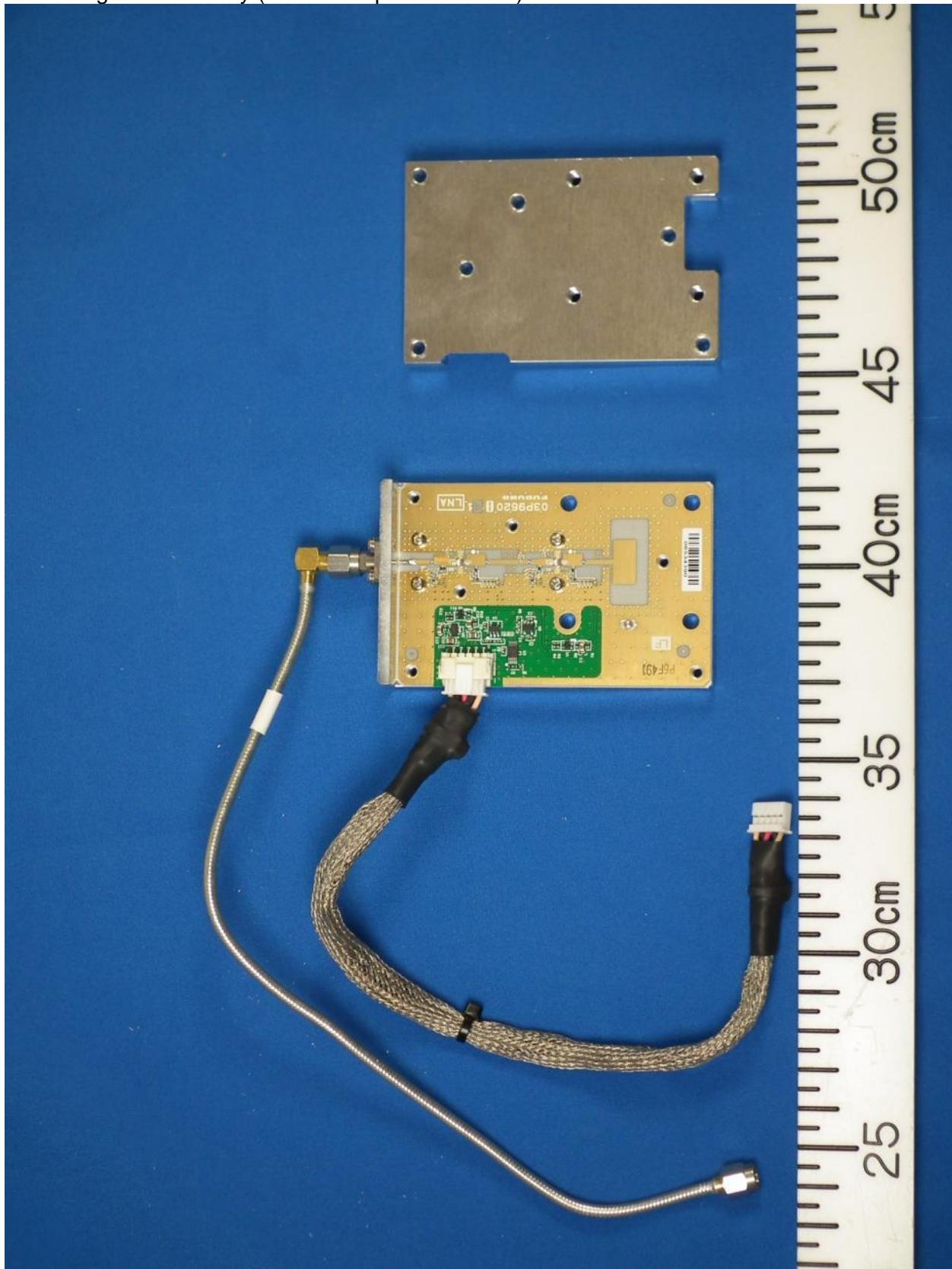
4.6 Waveguide assembly (with the waveguide removed)



4.7 Waveguide assembly (with the spurious filter and the limiter removed)



4.8 Waveguide assembly (with shield plate removed)



End of text