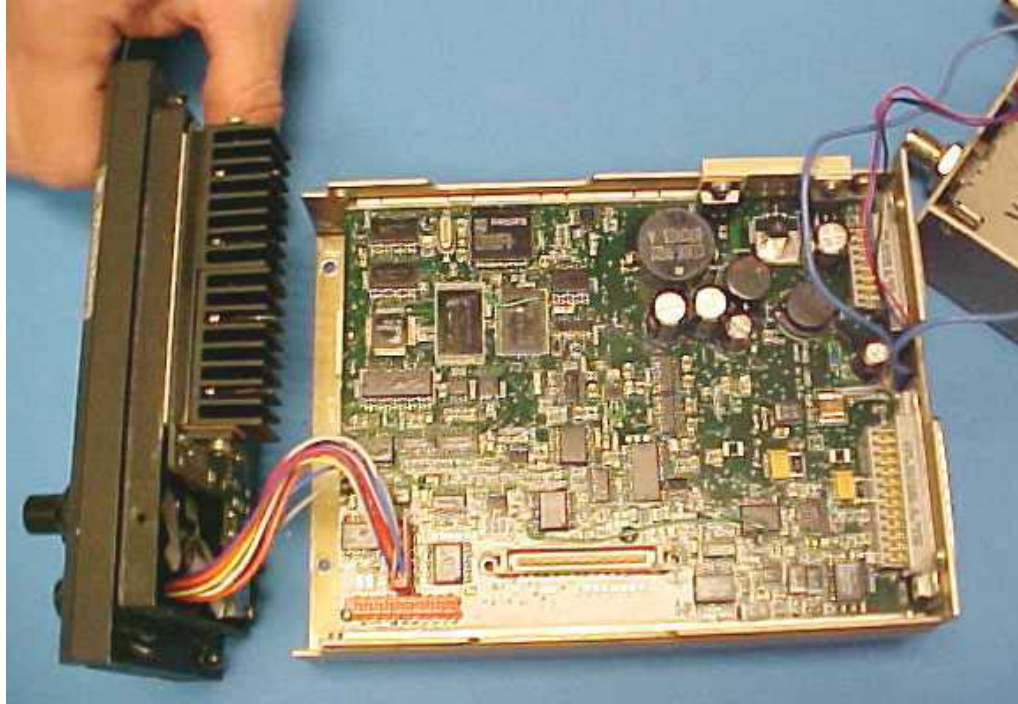# Internal Photos Of Complete Assembly

All versions of the P-2000/C-2000/RT-2000 Use the same internal connections and shielding as shown below:
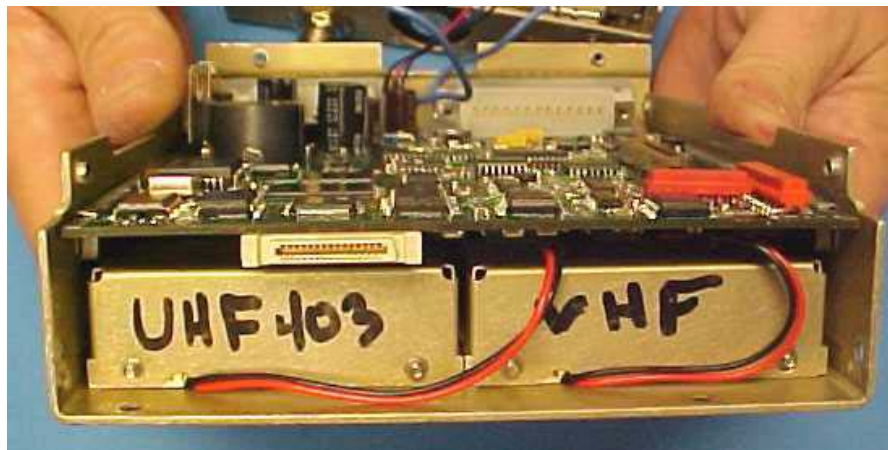

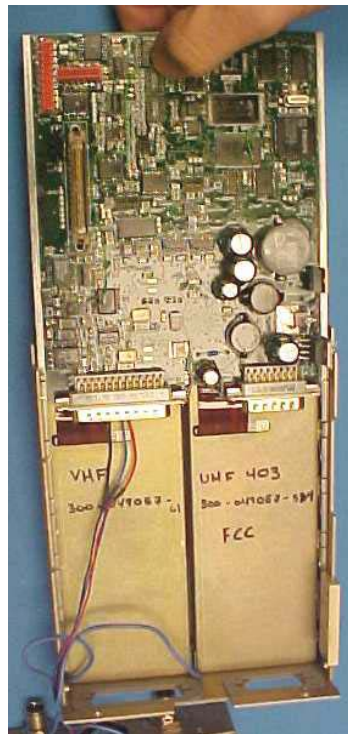Unit Completely Assembled - Top View

Unit Opened Showing Connection between Power Supply and CPU Board Ribbon Cable. Also Blue RF cables run from ITM module to Power Amp Modules.
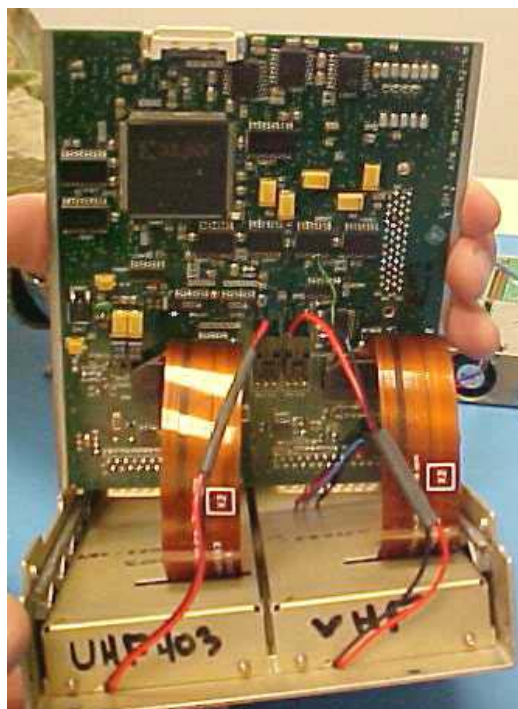
Step 3: Remove Front Panel/Display Assembly to show Front Loading Connector and CPU Board Connection Via Cable Assembly.
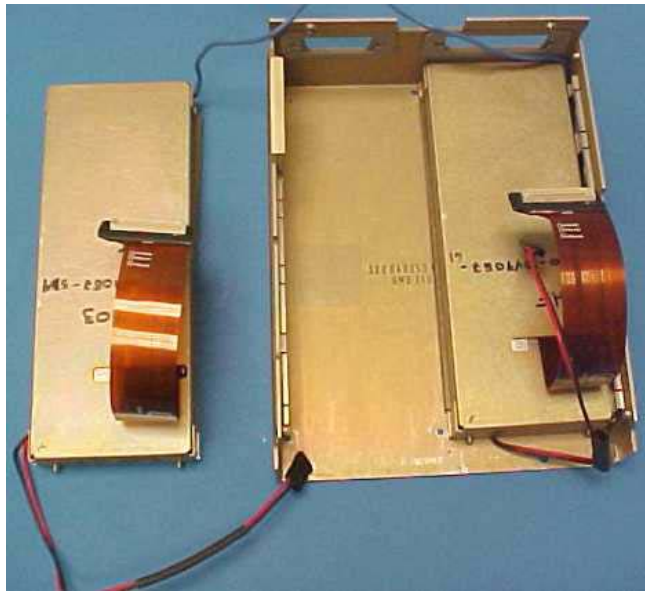

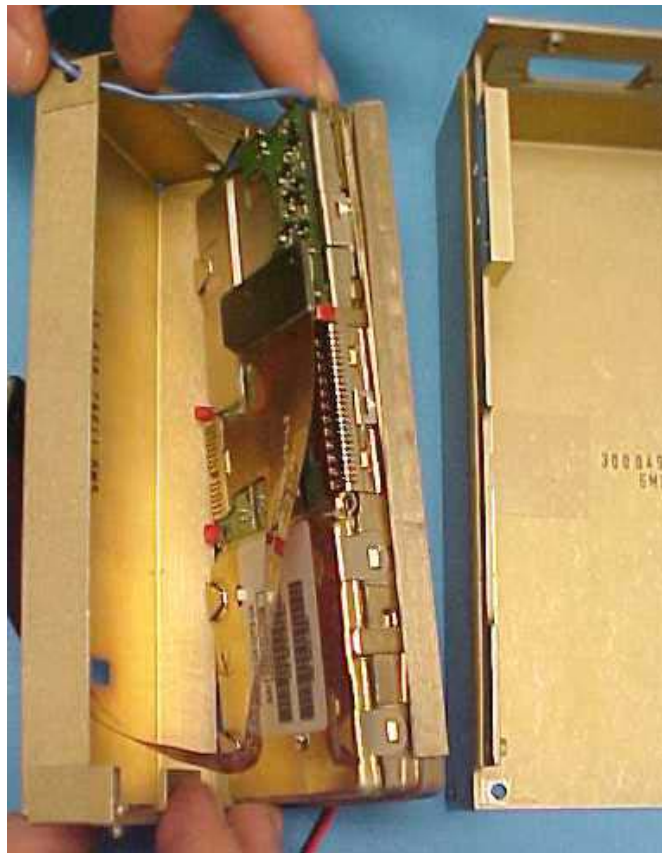View of ITM modules located below the CPU board. The Black and Red wires provide 8VDC power to the ITM Modules.

Step 4: Slide CPU Board Out To Reveal ITM Modules inside. Interconnect is accomplished with Flex-cables. One for each ITM Module.
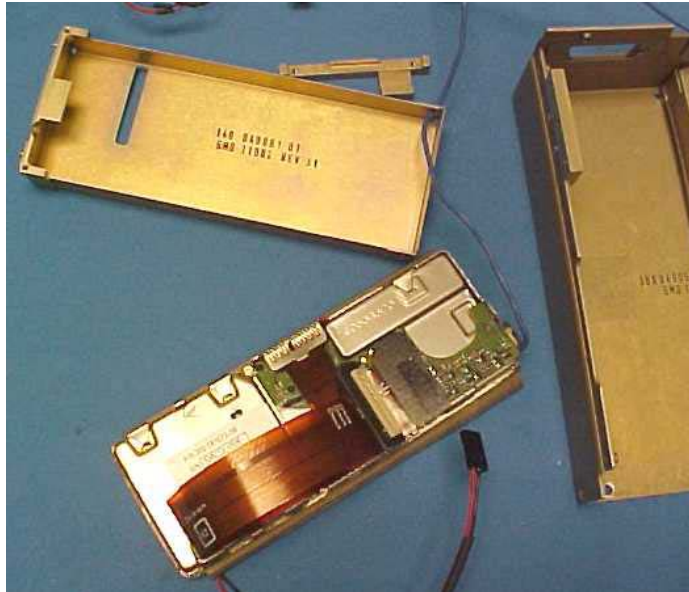

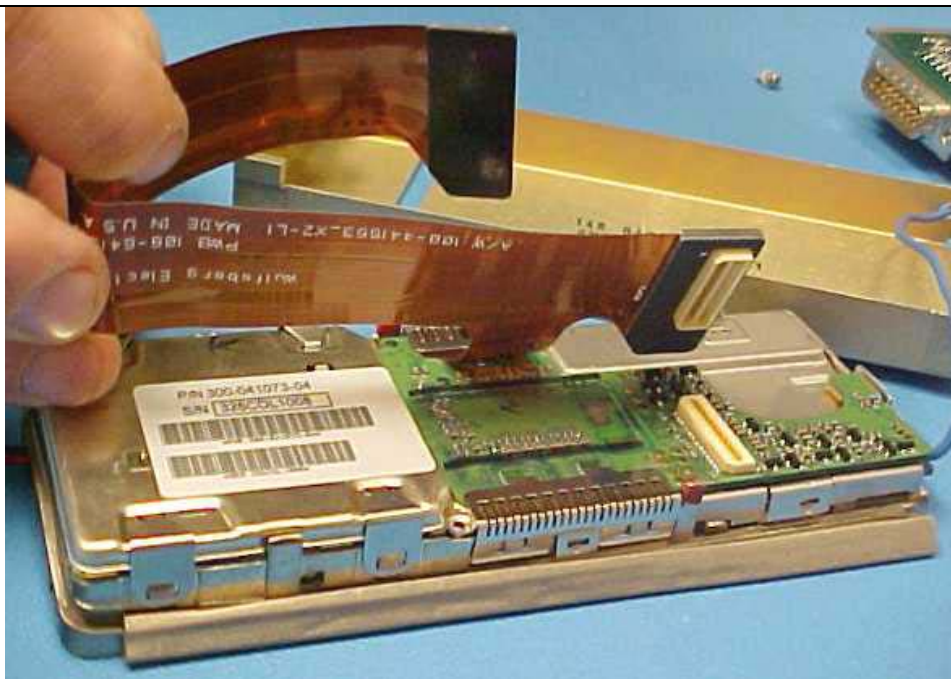View of Flex-cables and Power cables from each ITM to the CPU Board

Step 5: CPU board completely removed. One ITM and Cover has been removed from chassis.

Step 6: ITM Cover removed reveals the ITM module inside with ribbon cable and blue RF cable.
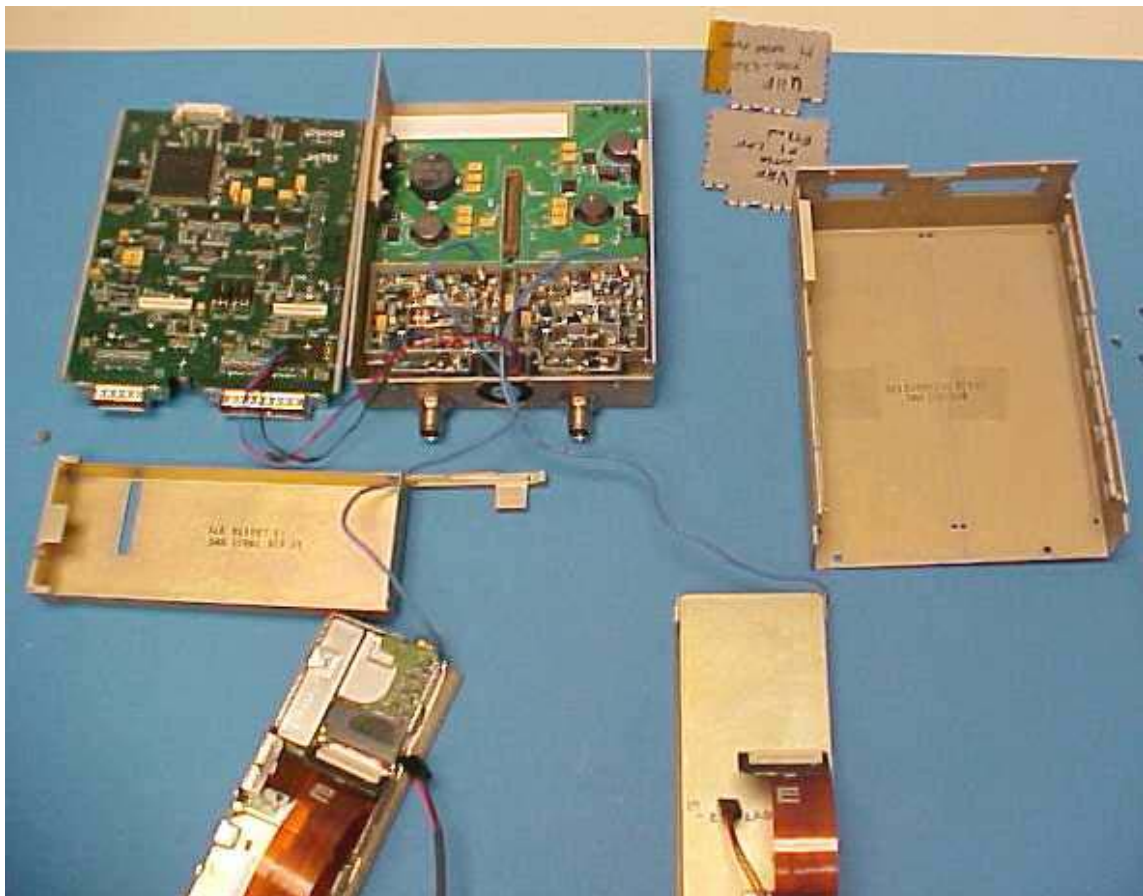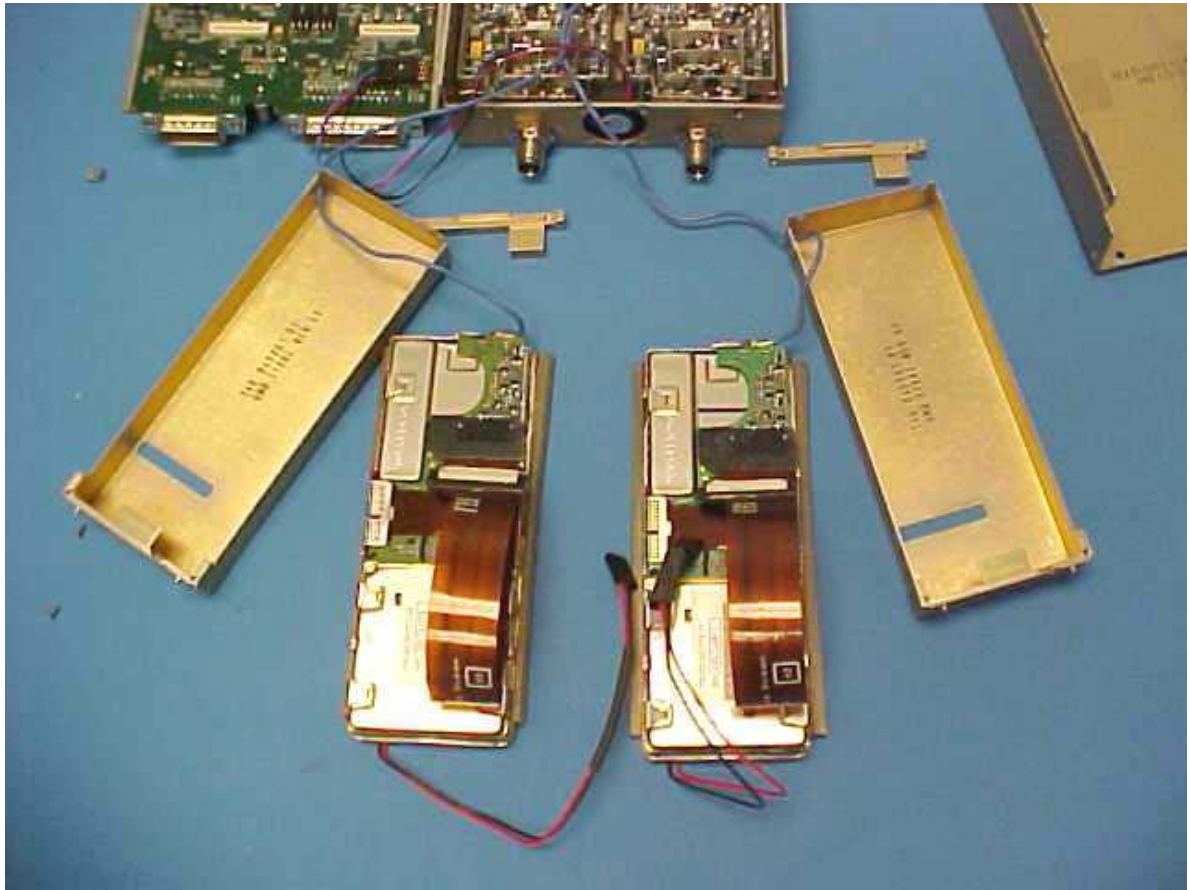
Step 7: ITM Module without Cover

View of ITM end of the Flex-cable.

View of Power cables on underside of ITM

Step 8: System with covers removed from Power Amplifier Modules.

Step 9: Both ITM Modules with covers removed

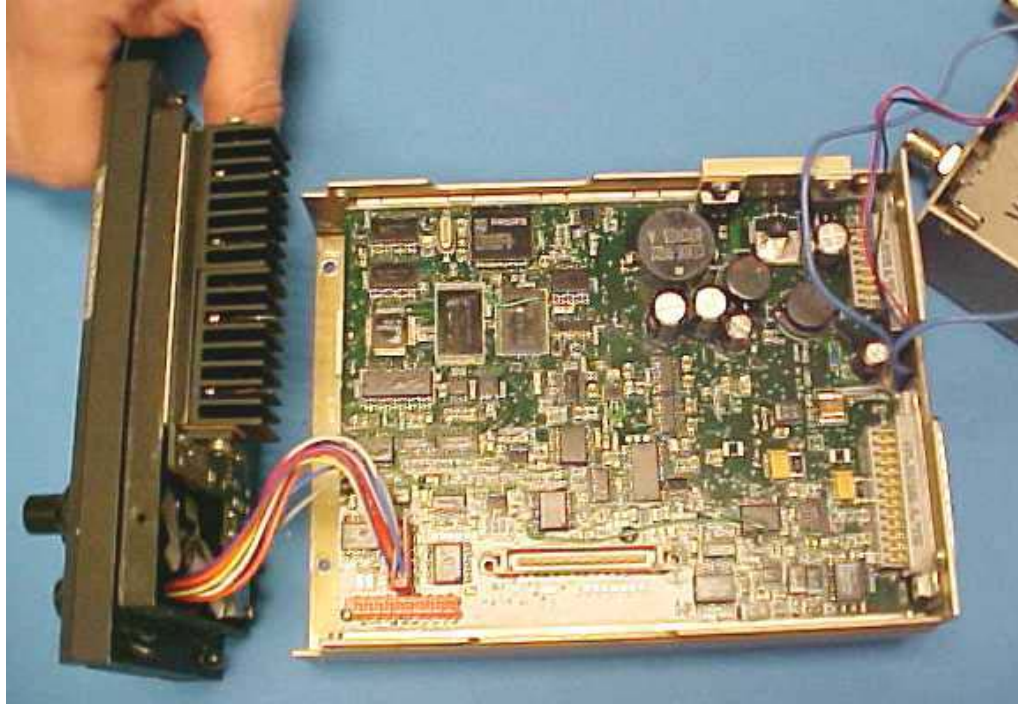# Internal Photos Of Complete Assembly

All versions of the P-2000/C-2000/RT-2000 Use the same internal connections and shielding as shown below:
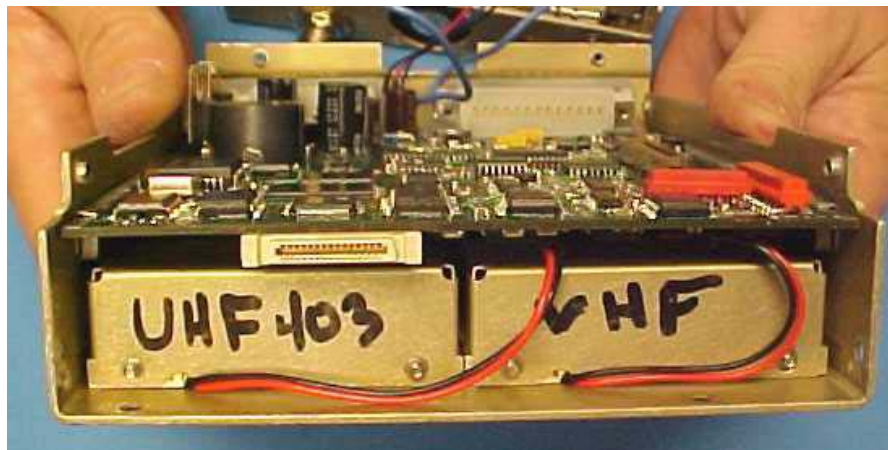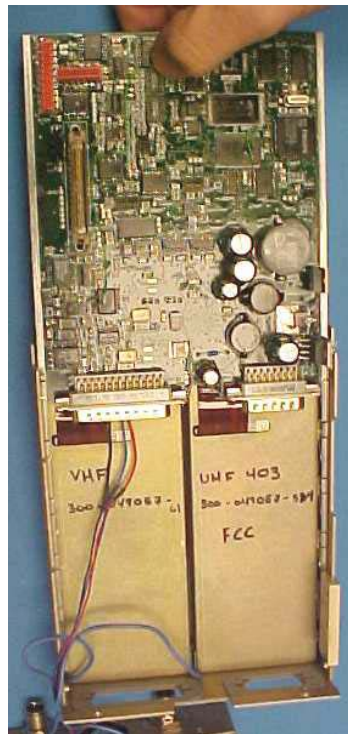

Unit Completely Assembled - Top View

Unit Opened Showing Connection between Power Supply and CPU Board Ribbon Cable. Also Blue RF cables run from ITM module to Power Amp Modules.

Step 3: Remove Front Panel/Display Assembly to show Front Loading
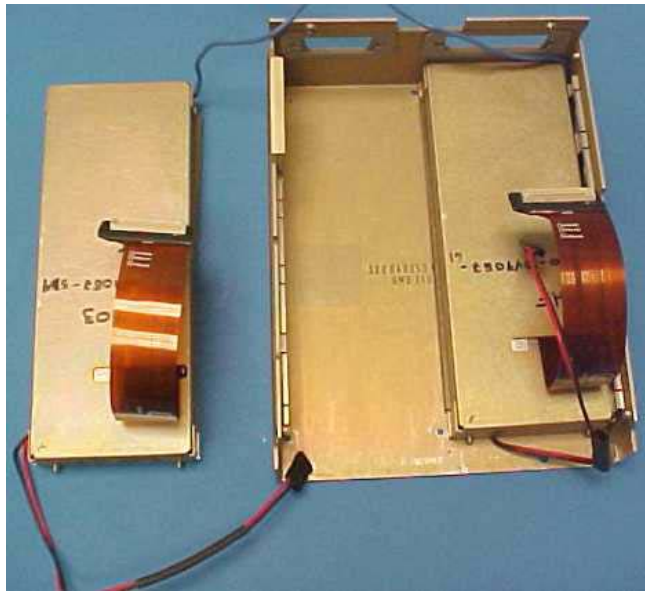Connector and CPU Board Connection Via Cable Assembly.

View of ITM modules located below the CPU board. The Black and Red wires
provide 8VDC power to the ITM Modules.

Step 4: Slide CPU Board Out To Reveal ITM Modules inside. Interconnect is accomplished with Flex-cables. One for each ITM Module.
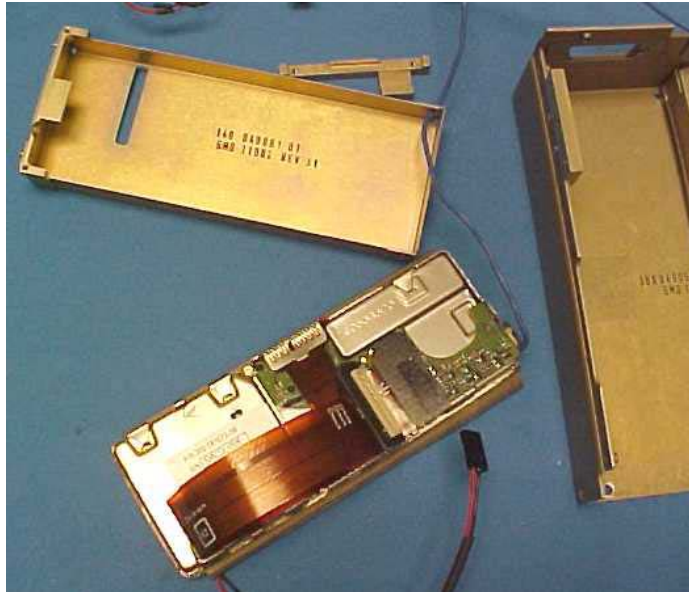

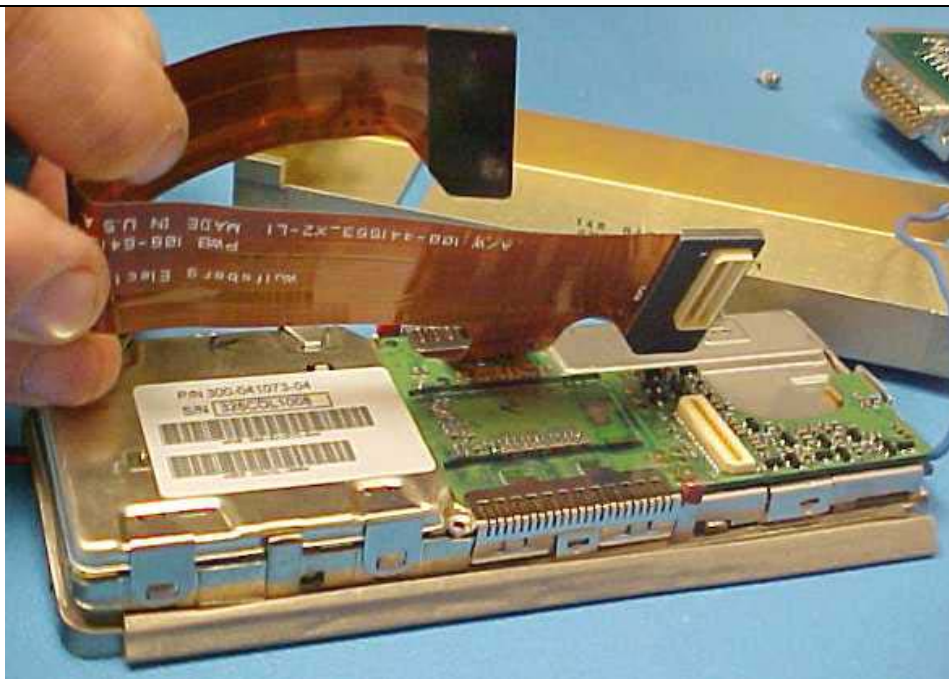View of Flex-cables and Power cables from each ITM to the CPU Board

Step 5: CPU board completely removed. One ITM and Cover has been removed from chassis.

Step 6: ITM Cover removed reveals the ITM module inside with ribbon cable and blue RF cable.
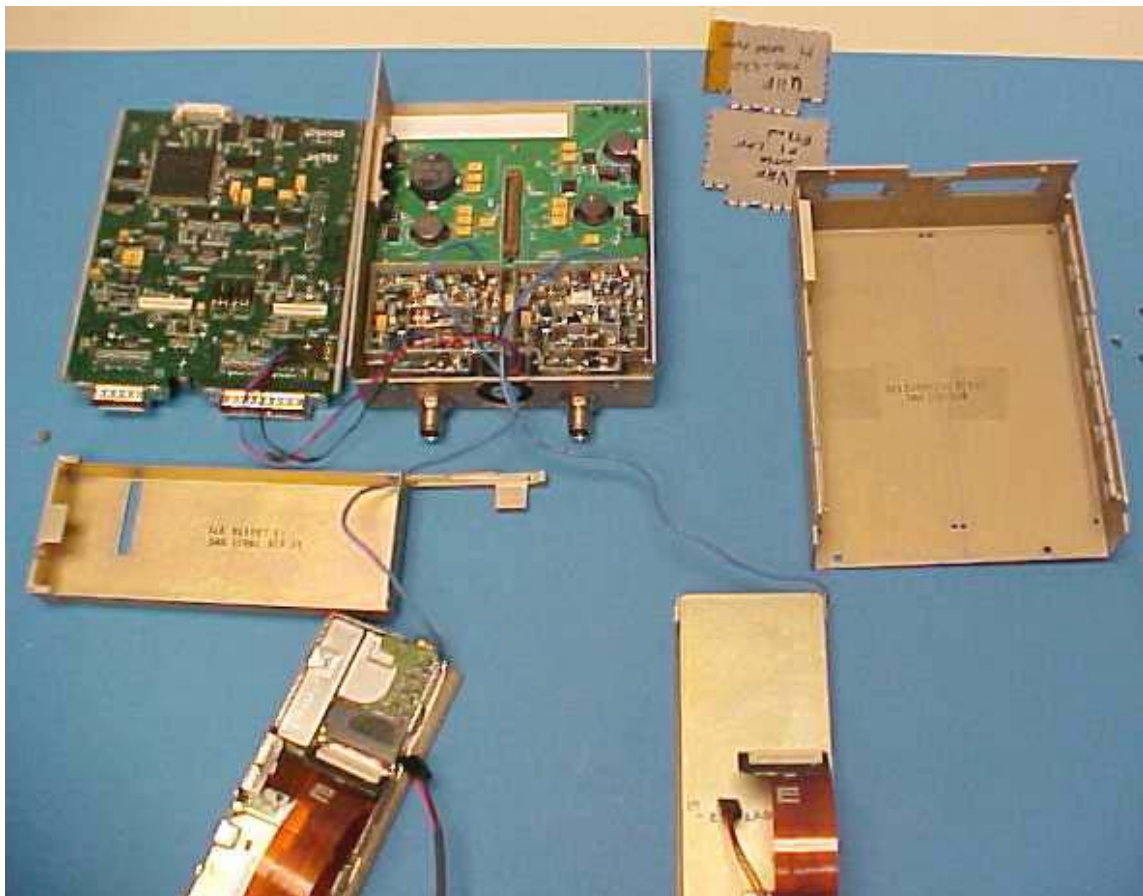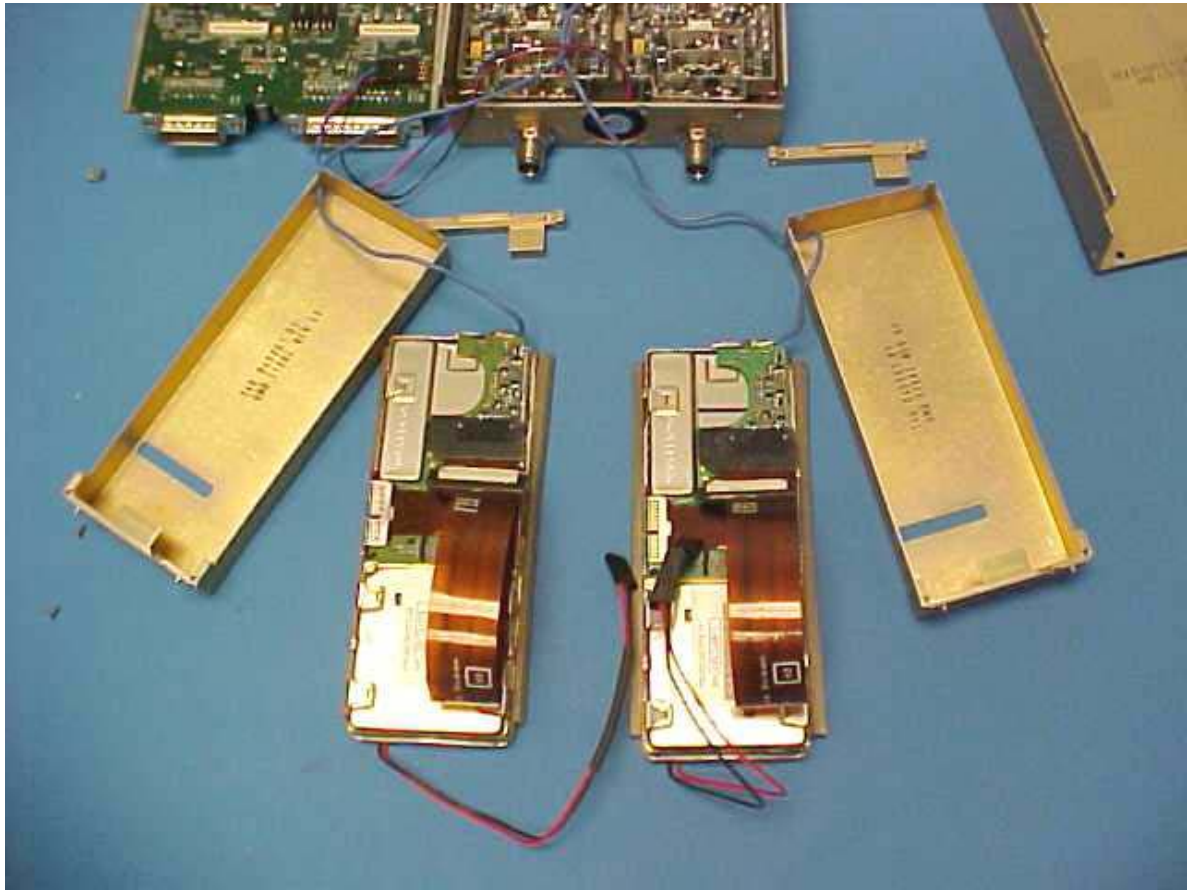
Step 7: ITM Module without Cover

View of ITM end of the Flex-cable.

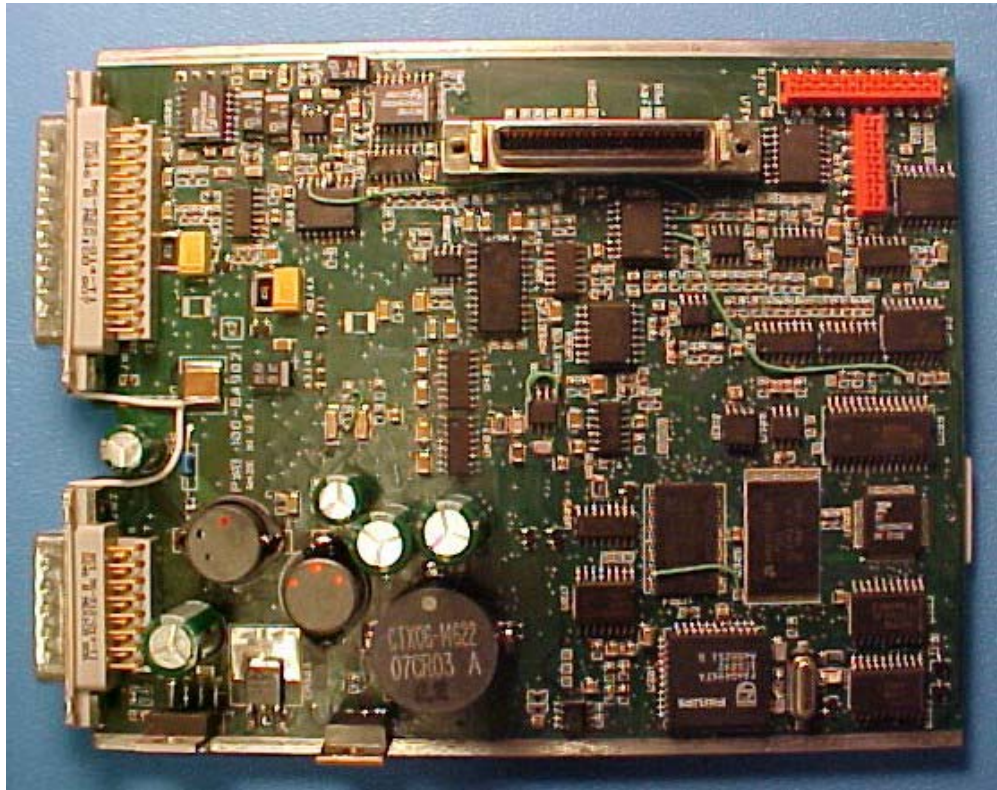View of Power cables on underside of ITM

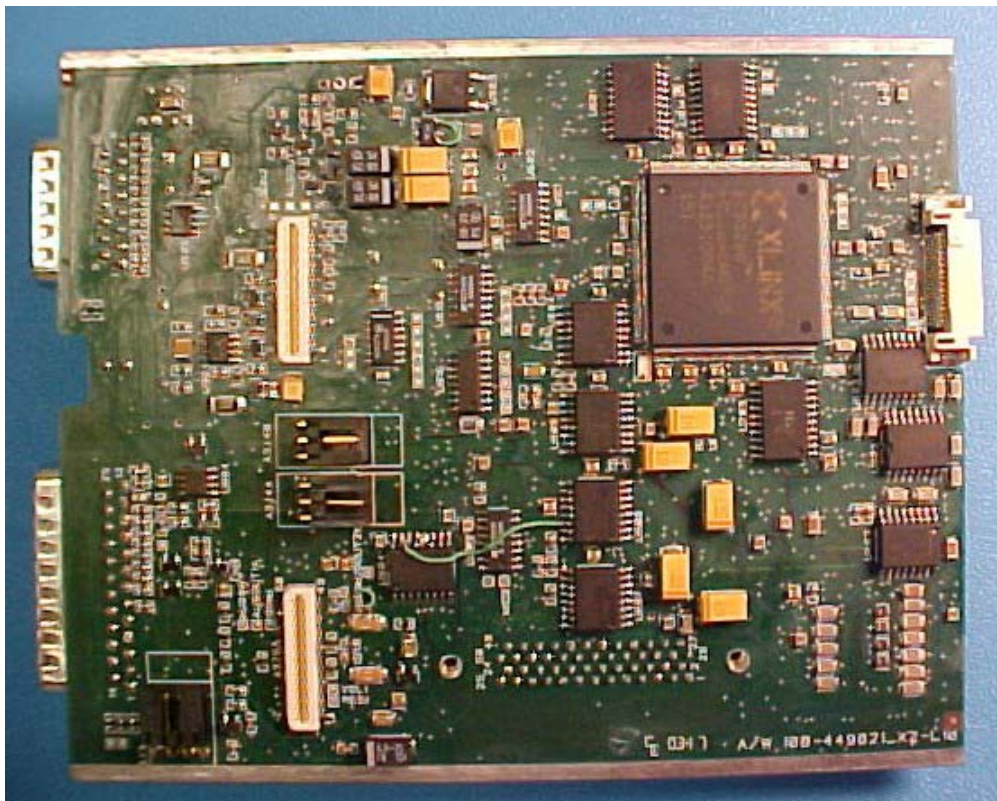Step 8: System with covers removed from Power Amplifier Modules.

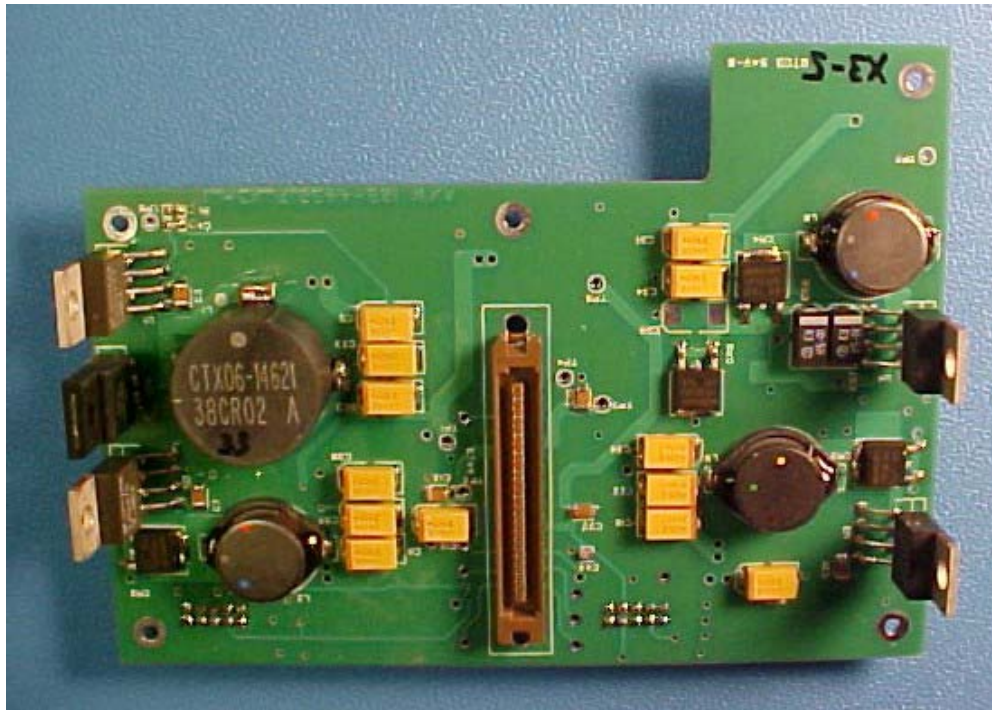Step 9: Both ITM Modules with covers removed
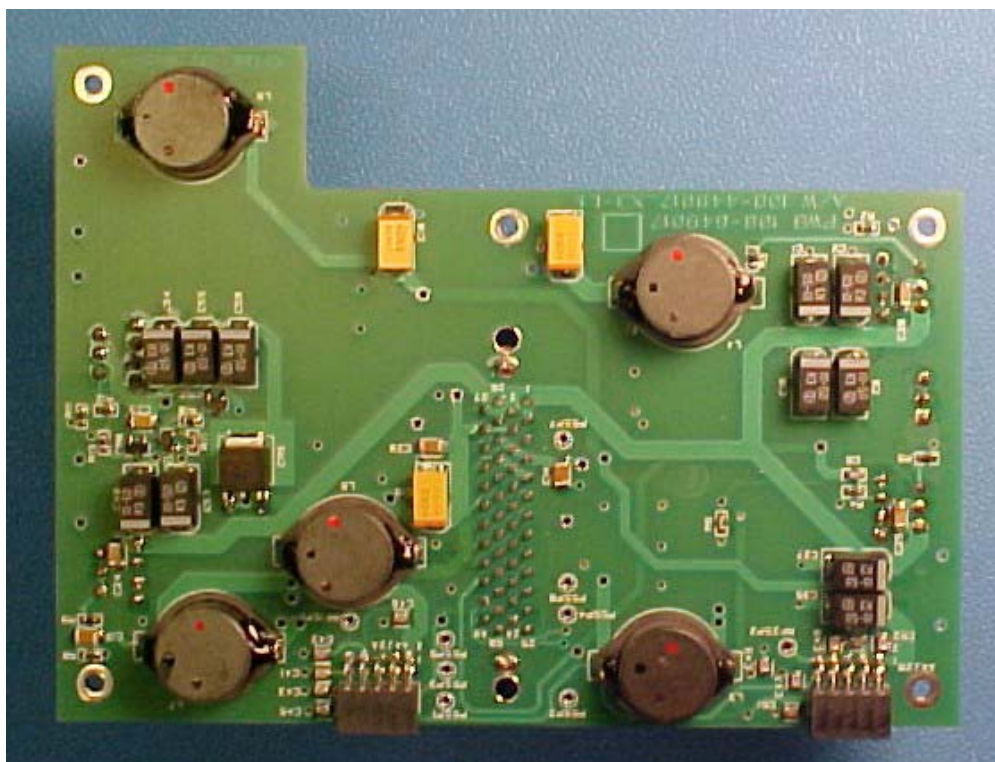
FRW2000-VHFA: Internal Photos
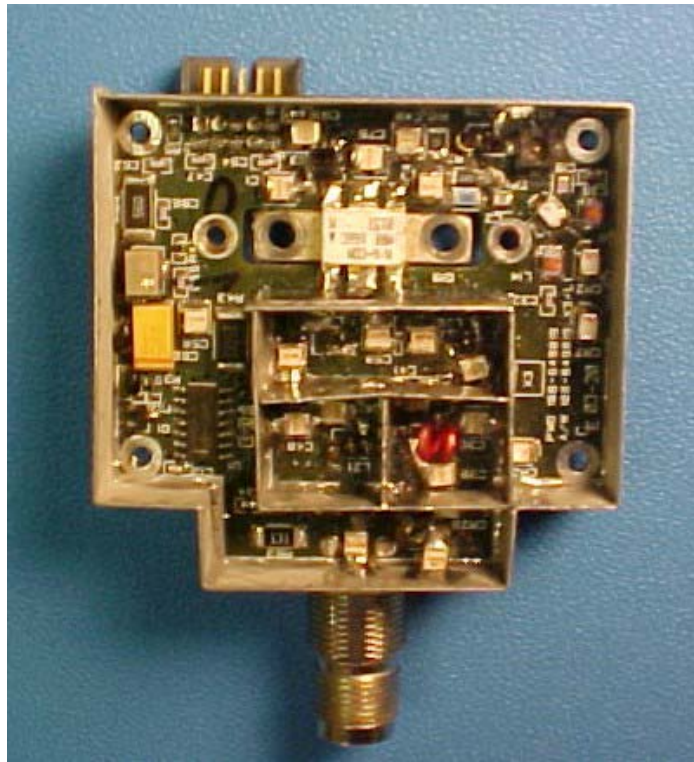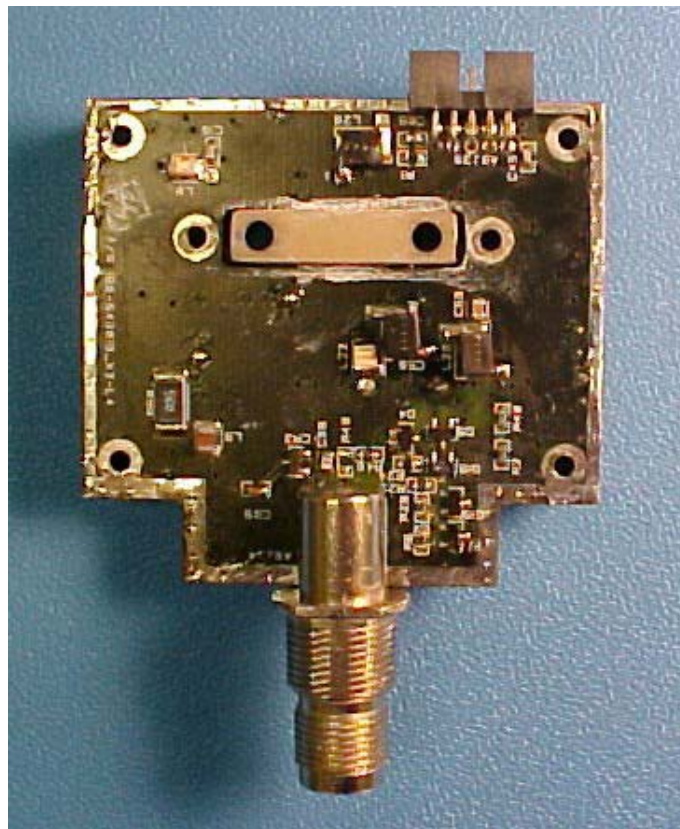

CPU Board - Top View

CPU Board - Bottom View

Power Supply Board - Top View

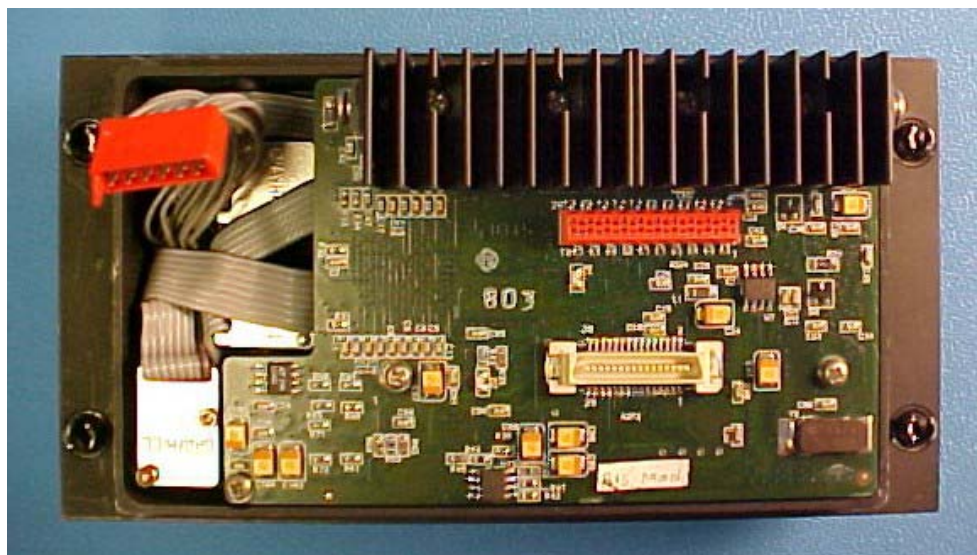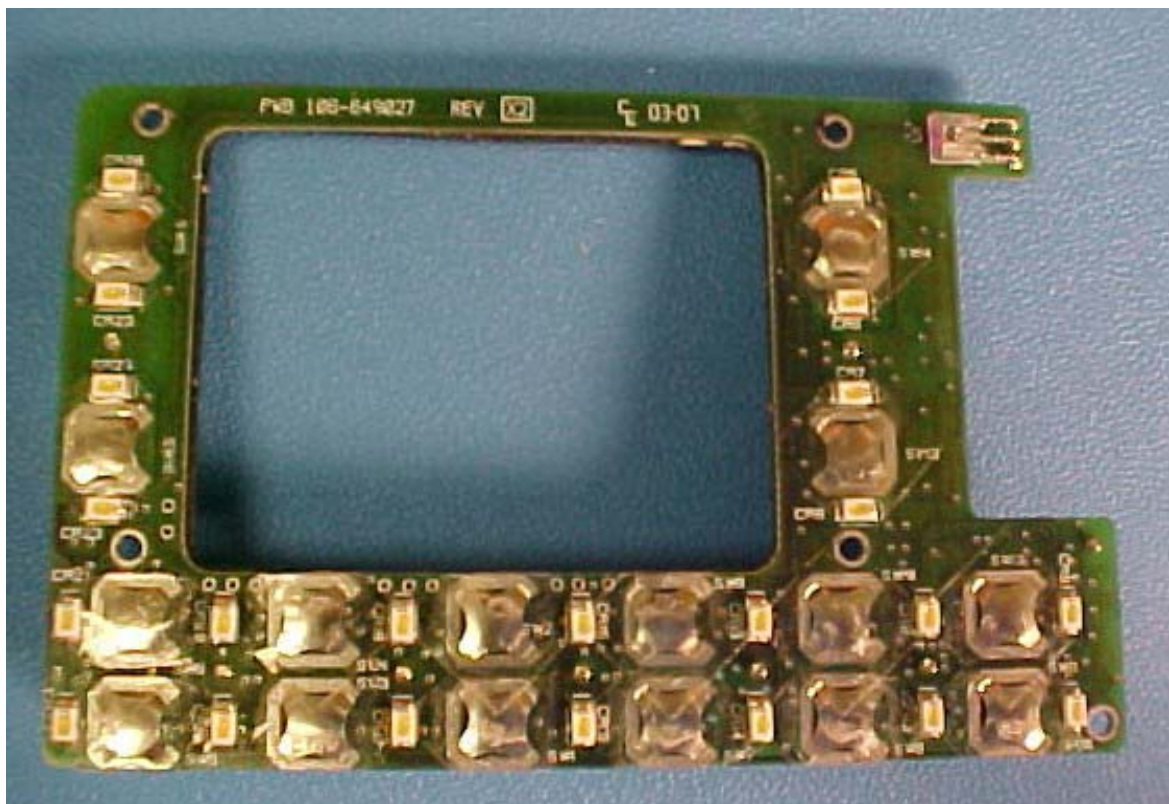Power Supply Board - Bottom View

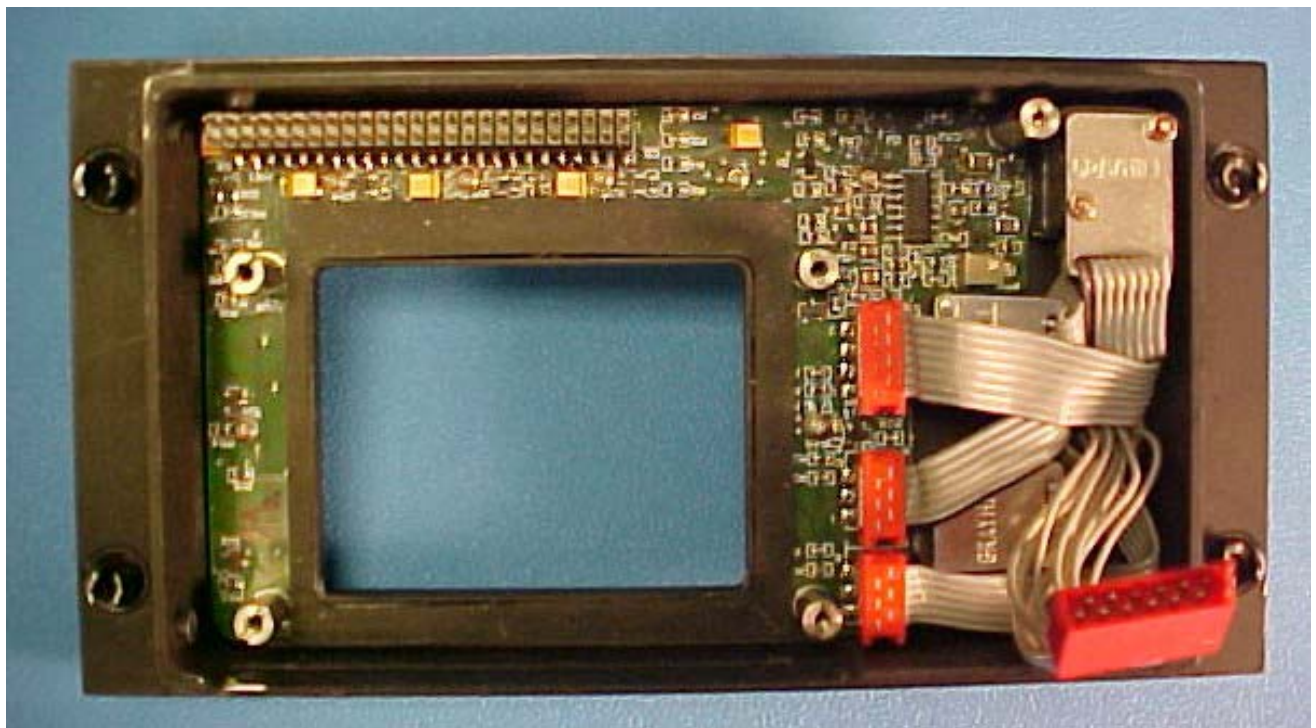VHF Power Amp - Top View

VHF Power Amp Board - Bottom View
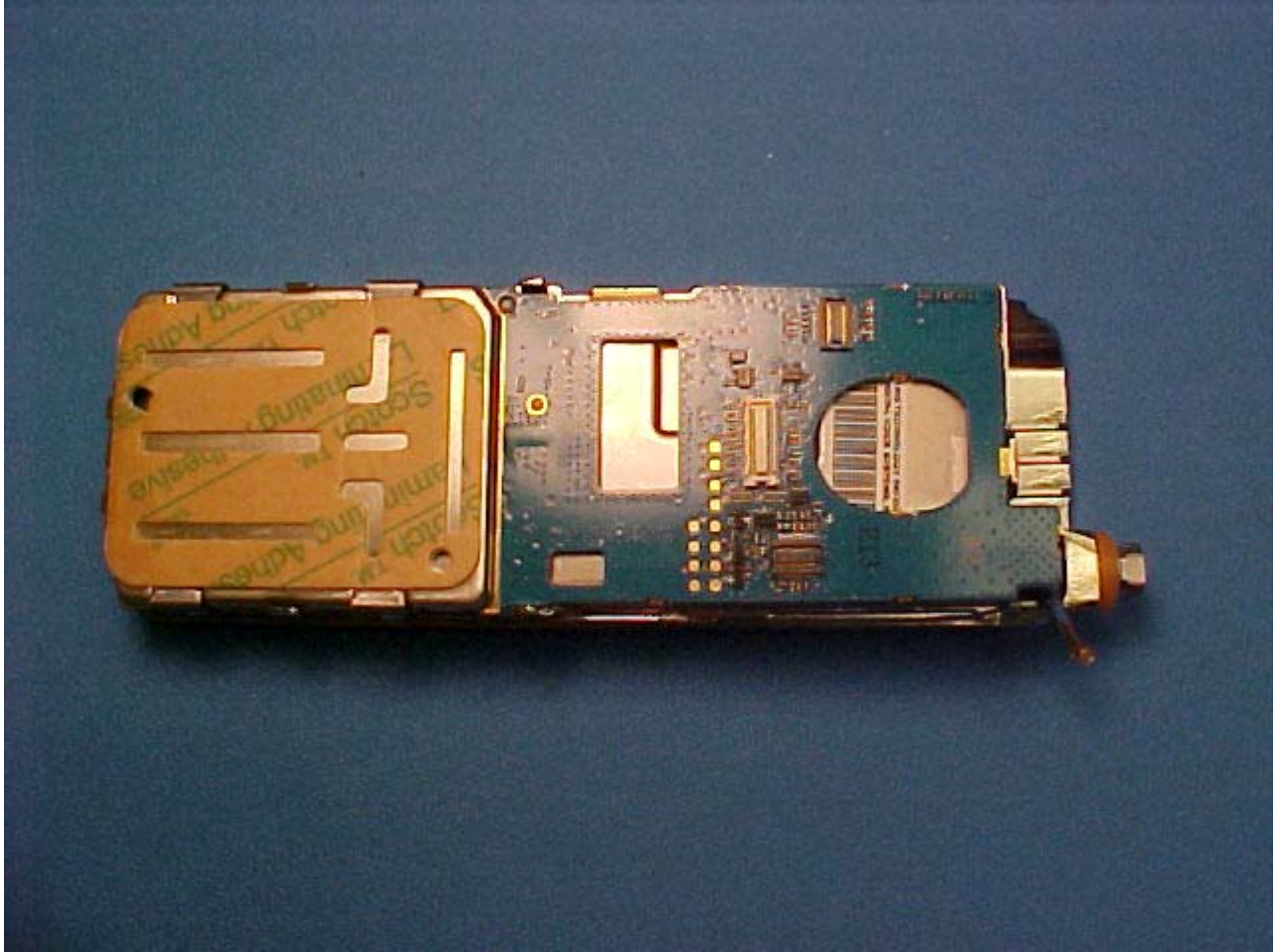
Display Board - Top View
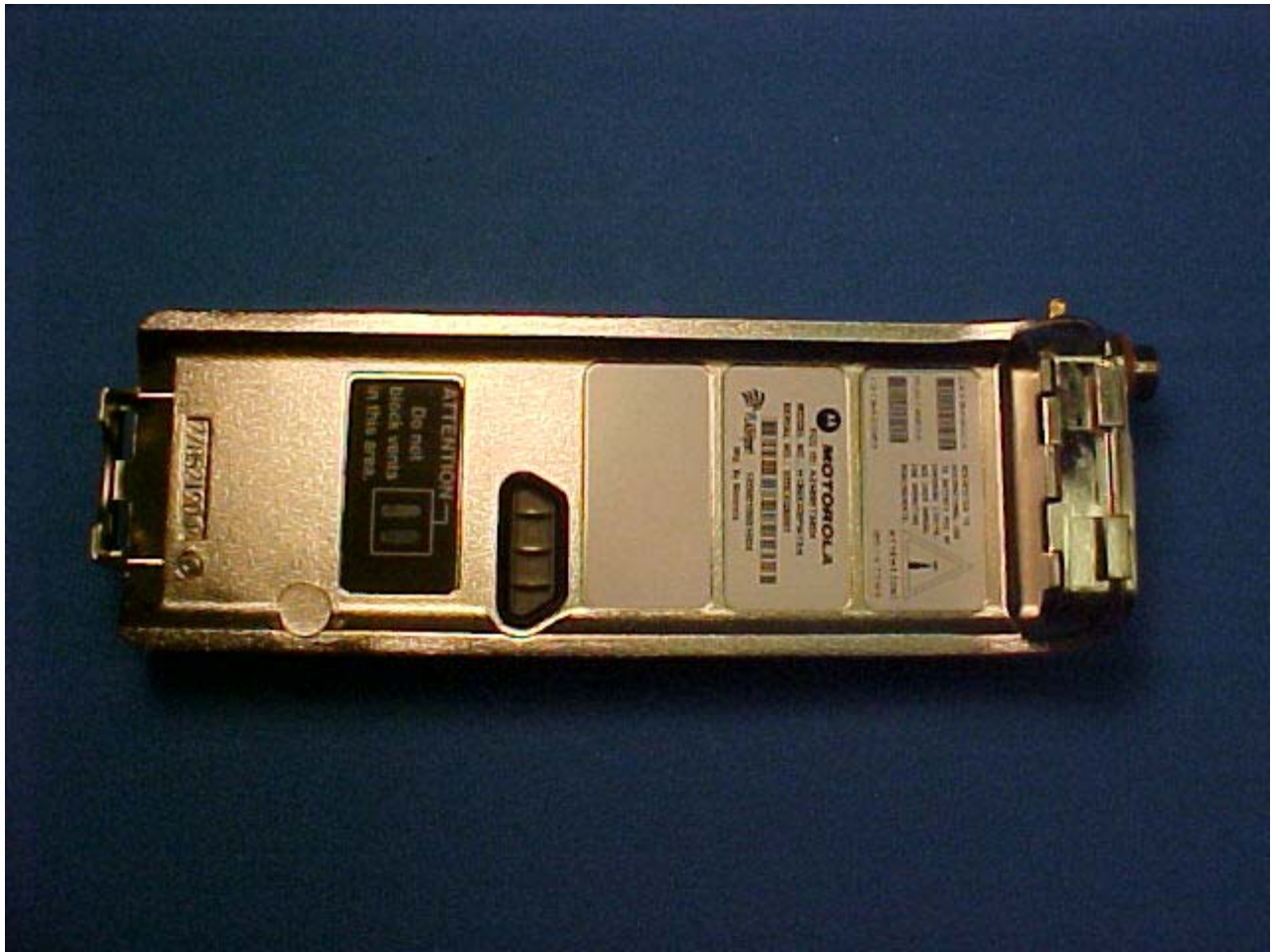

Display Board - Bottom View

Switch Board - Top View
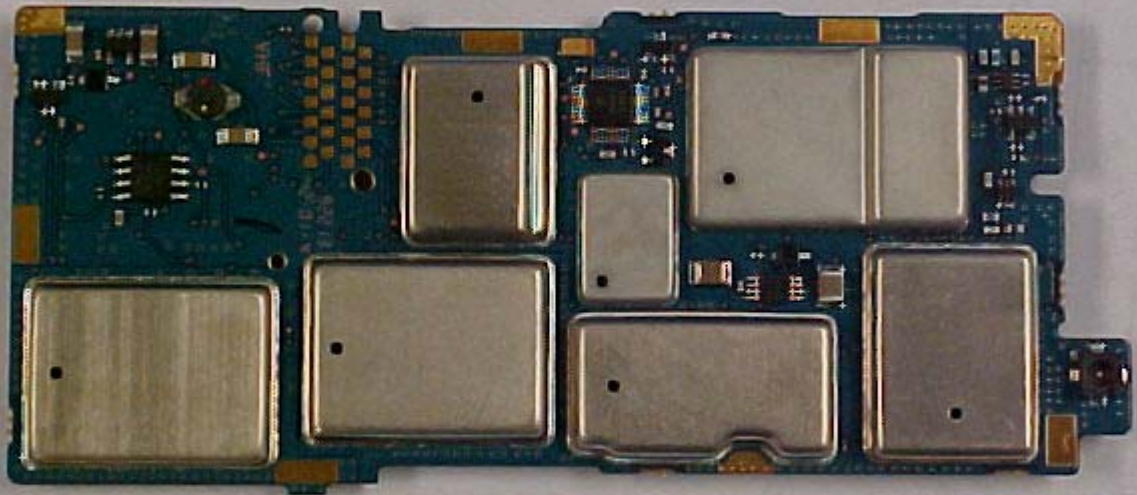

Switch Board - Bottom View

VHF Integrated Transceiver Module - Top View

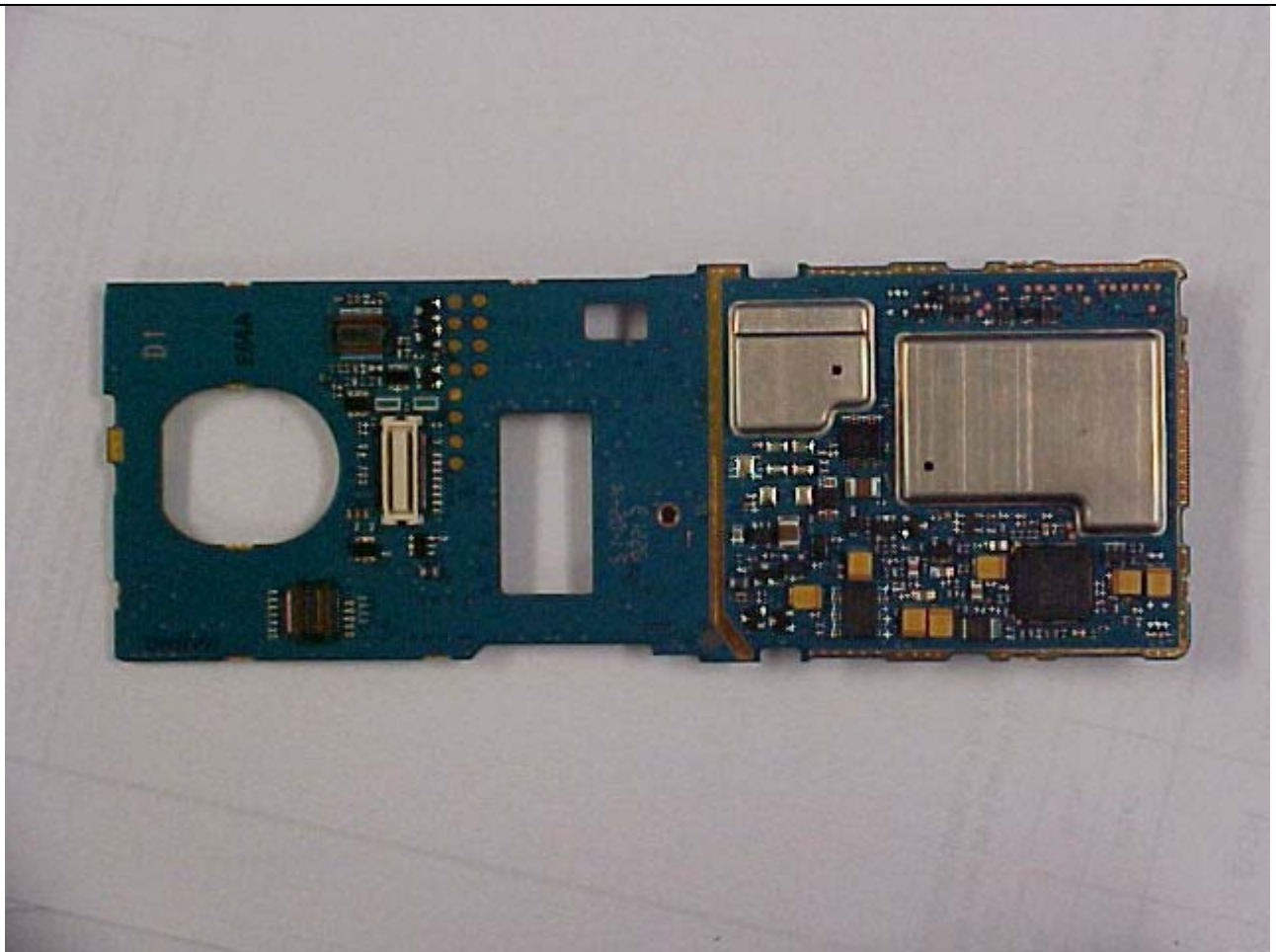VHF Integrated Transceiver Module - Bottom View

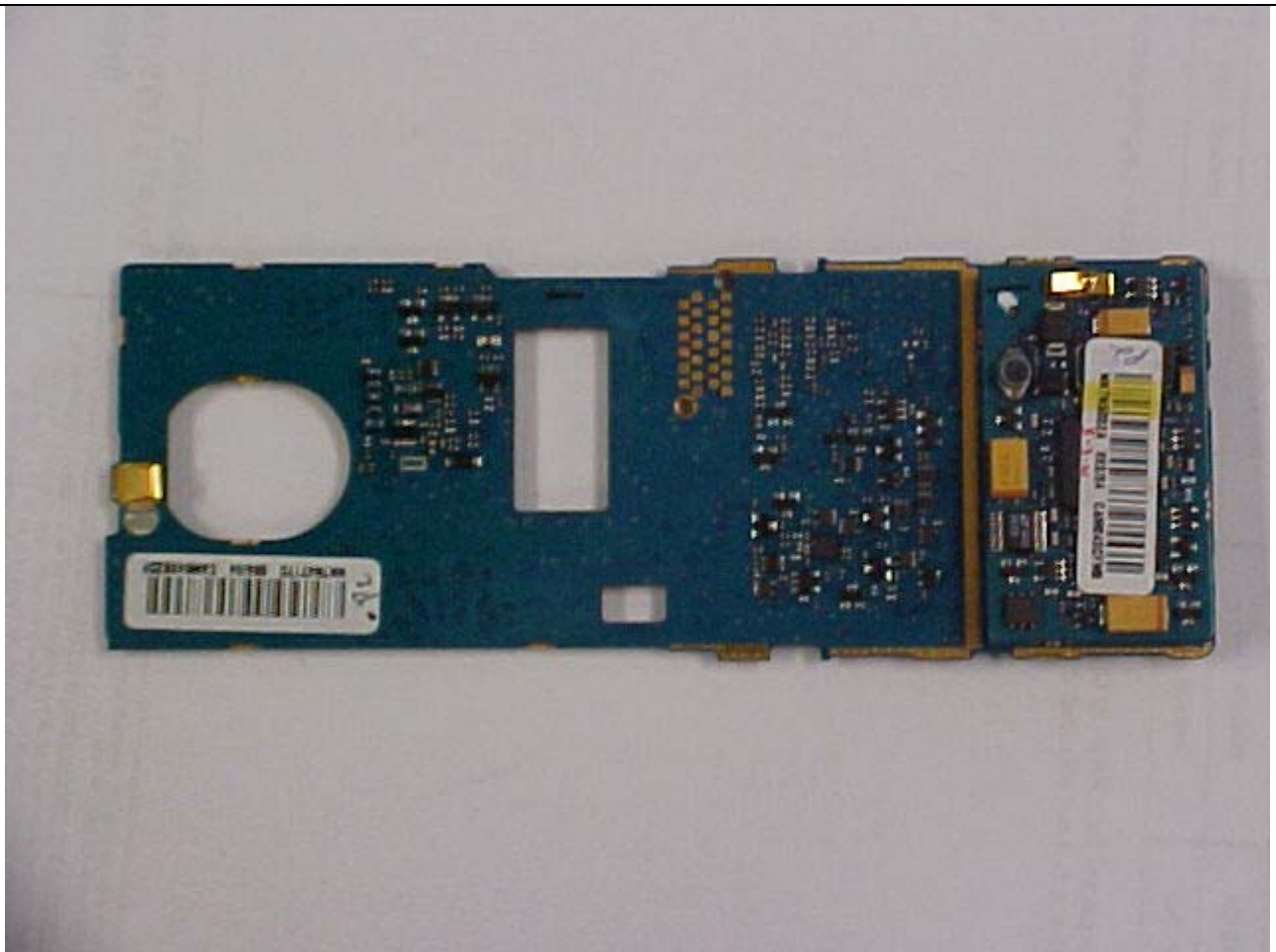VHF Integrated Transceiver Module: FCC ID- AZ489FT3804

VHF MHz Integrated Transceiver Module – Transceiver Board Top View

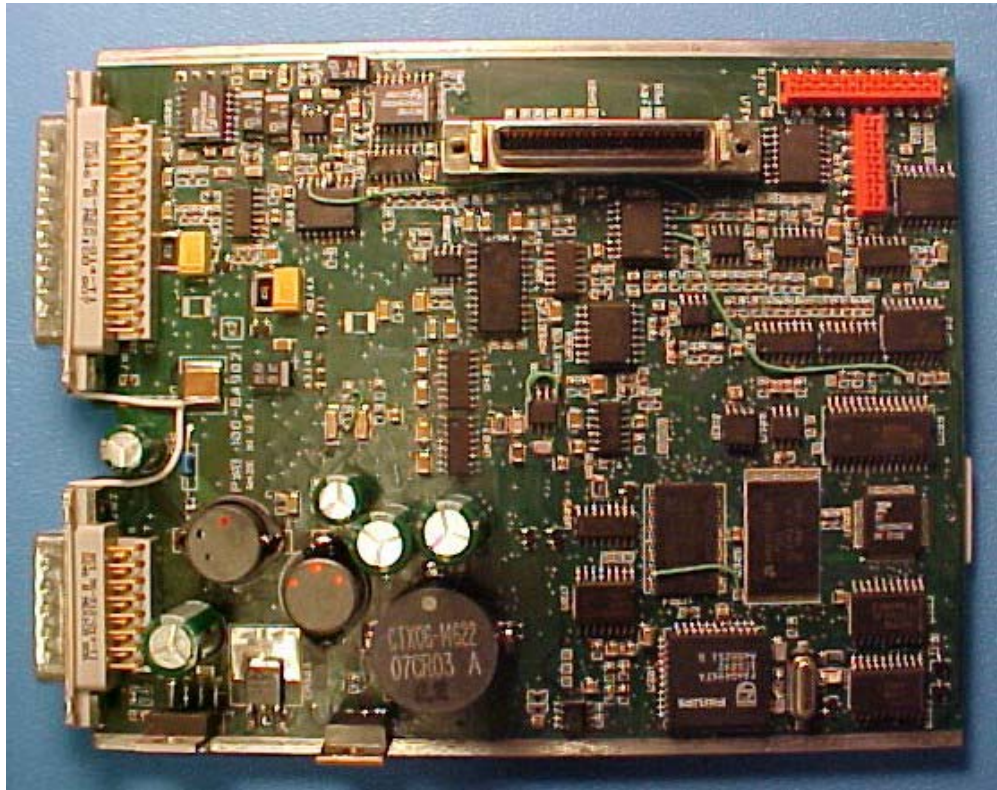VHF MHz Integrated Transceiver Module – Transceiver Board Bottom View

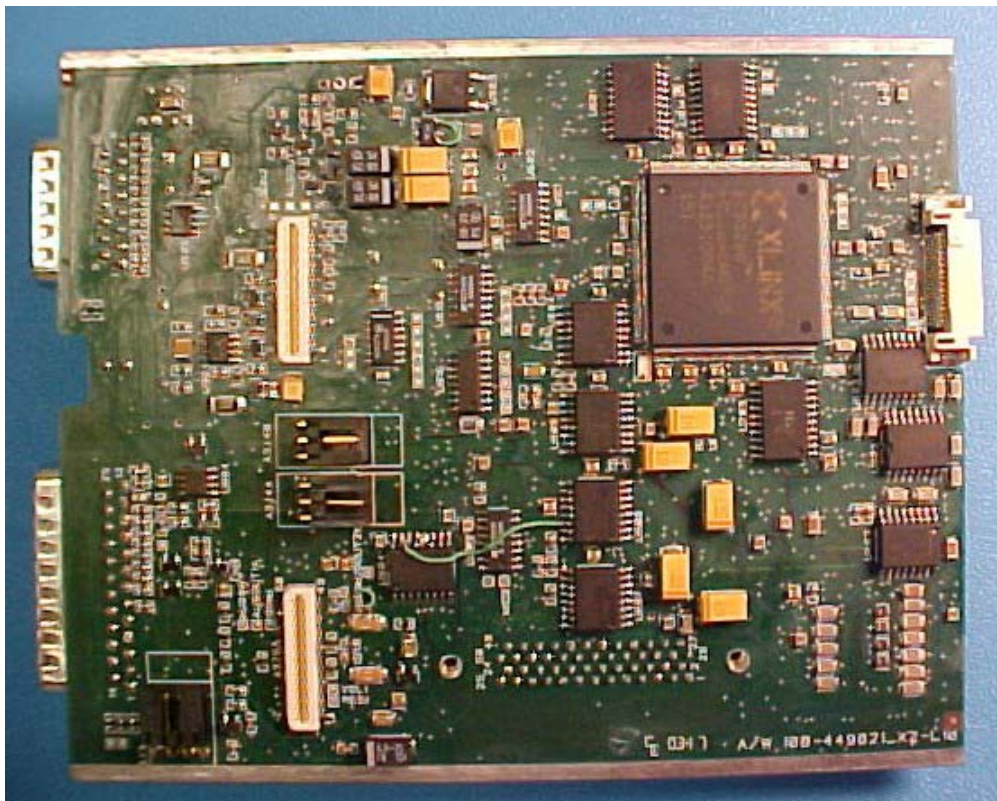VHF MHz Integrated Transceiver Module – Vocon Board Top View

VHF MHz Integrated Transceiver Module – Vocon Board Bottom View
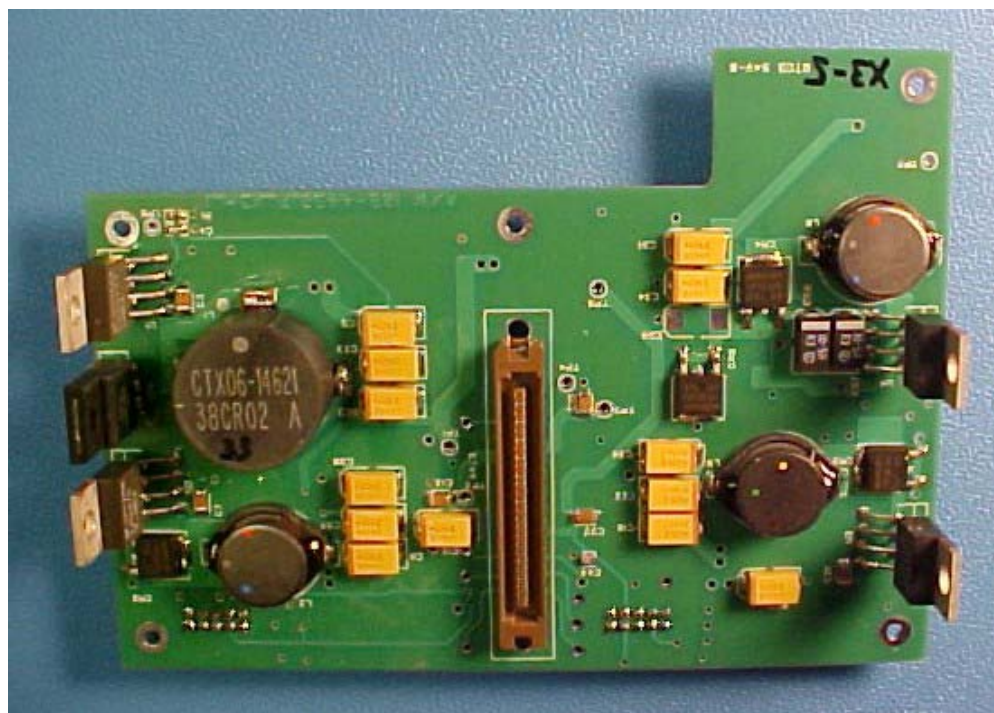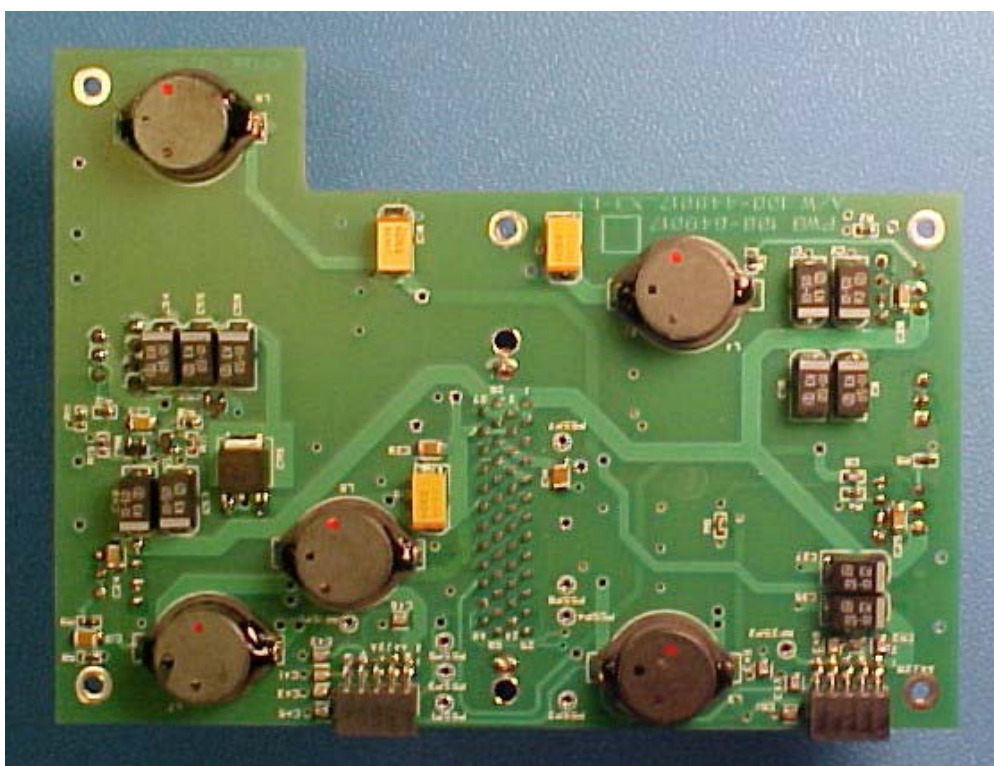
FRW2000-VHFA: Internal Photos
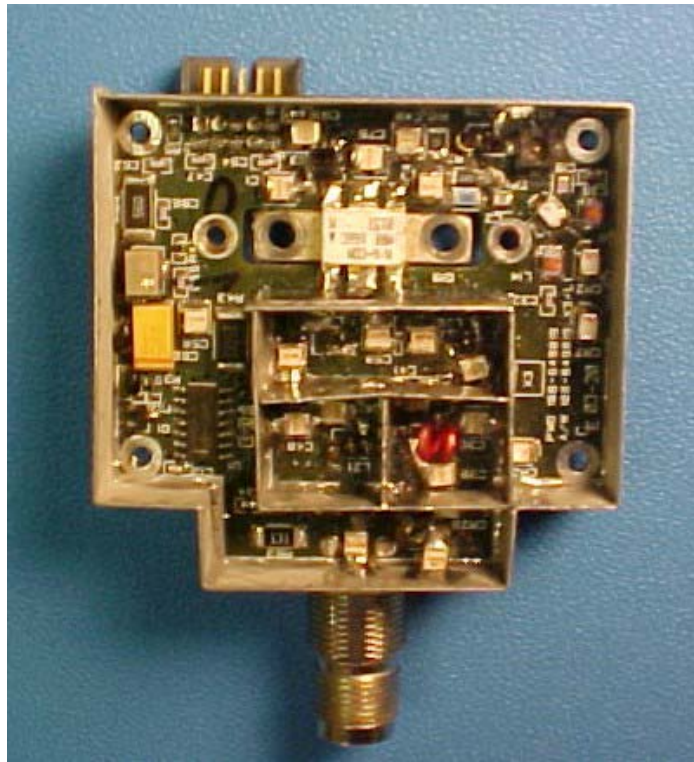

CPU Board - Top View
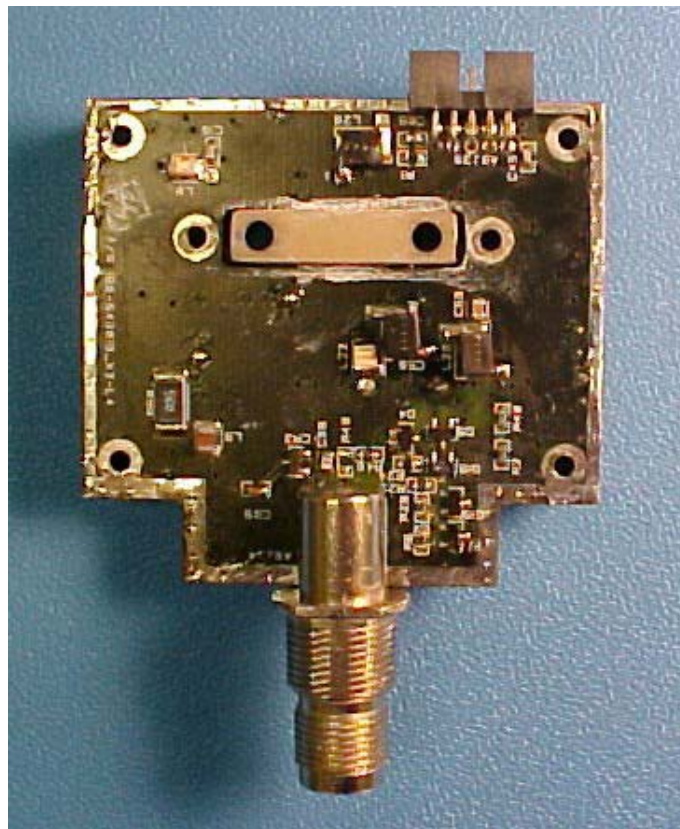

CPU Board - Bottom View

Power Supply Board - Top View
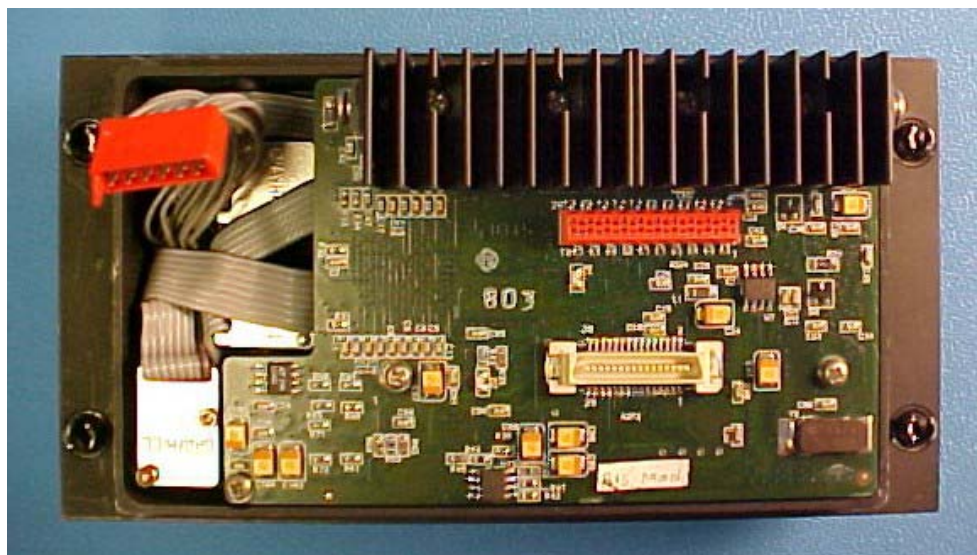

Power Supply Board - Bottom View
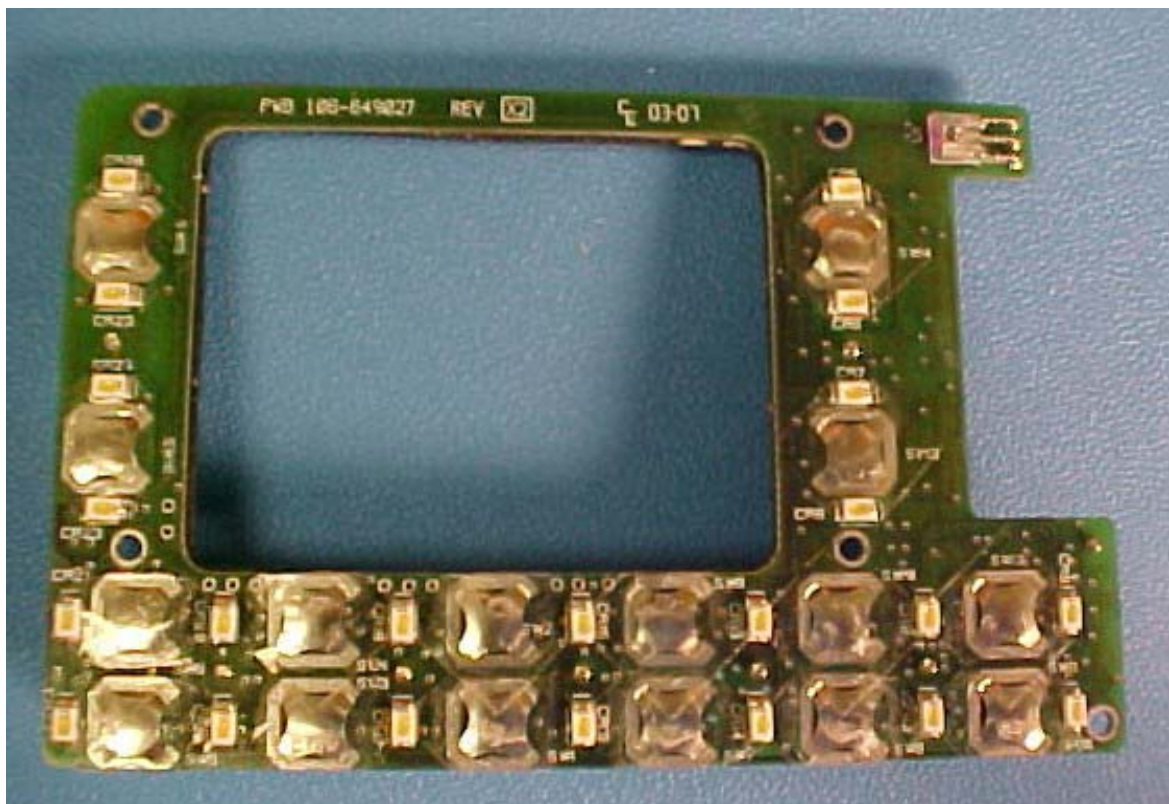
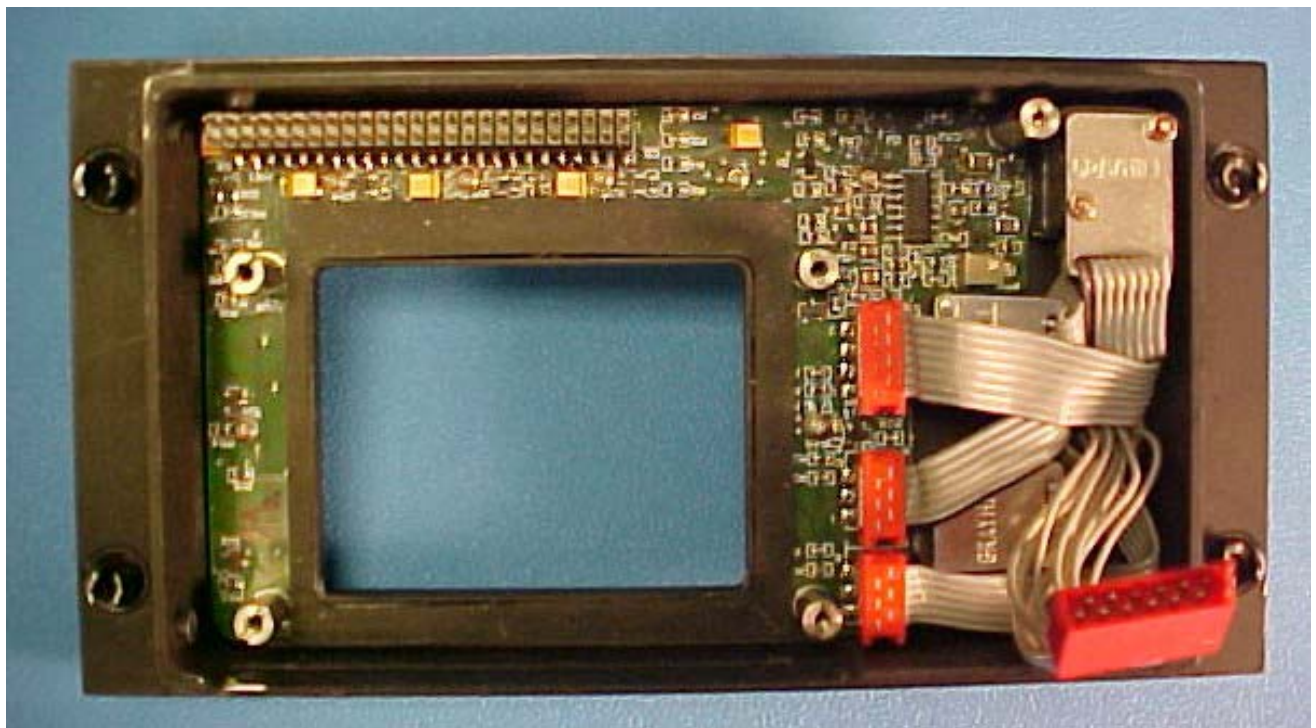VHF Power Amp - Top View

VHF Power Amp Board - Bottom View
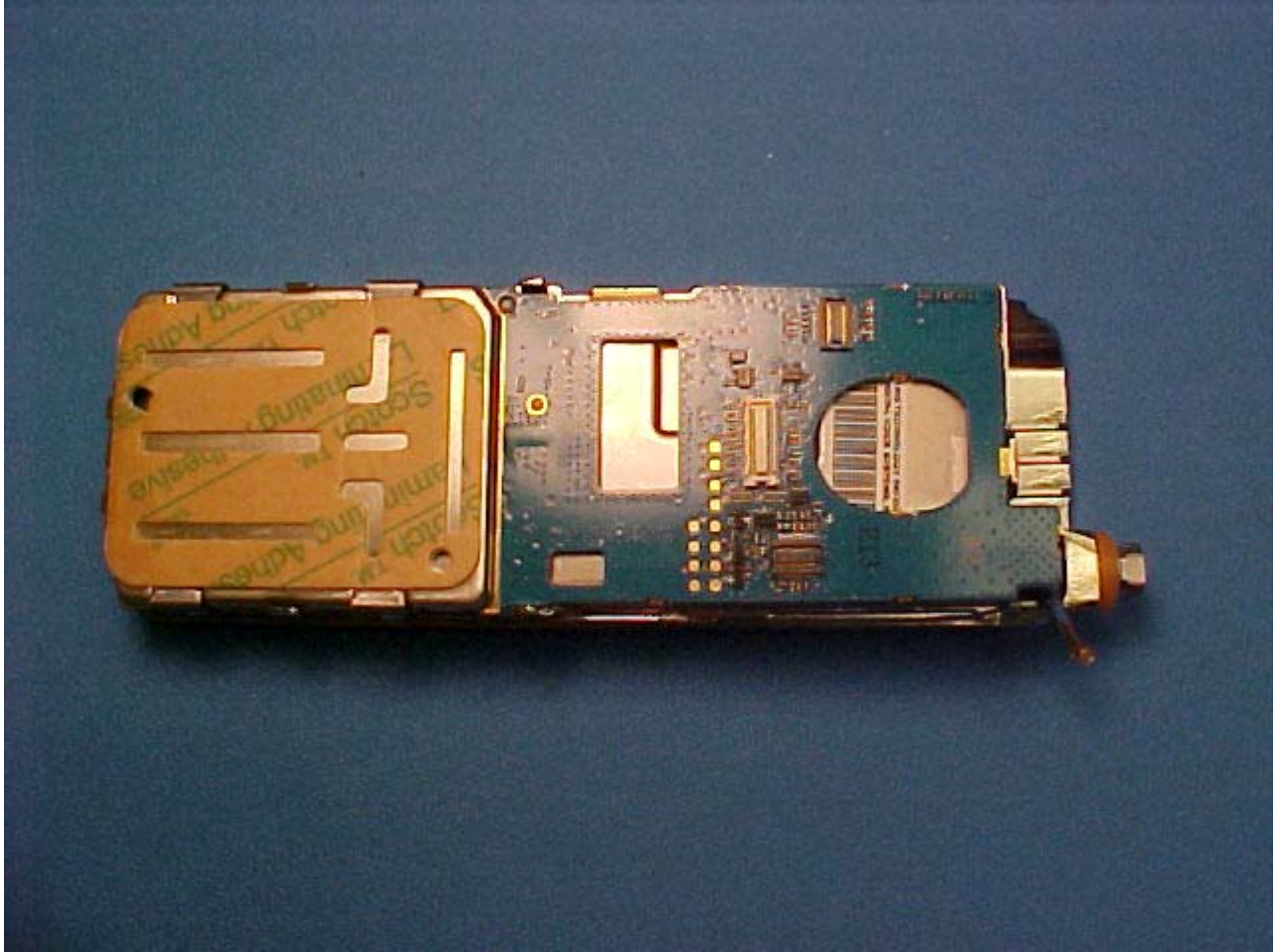
Display Board - Top View
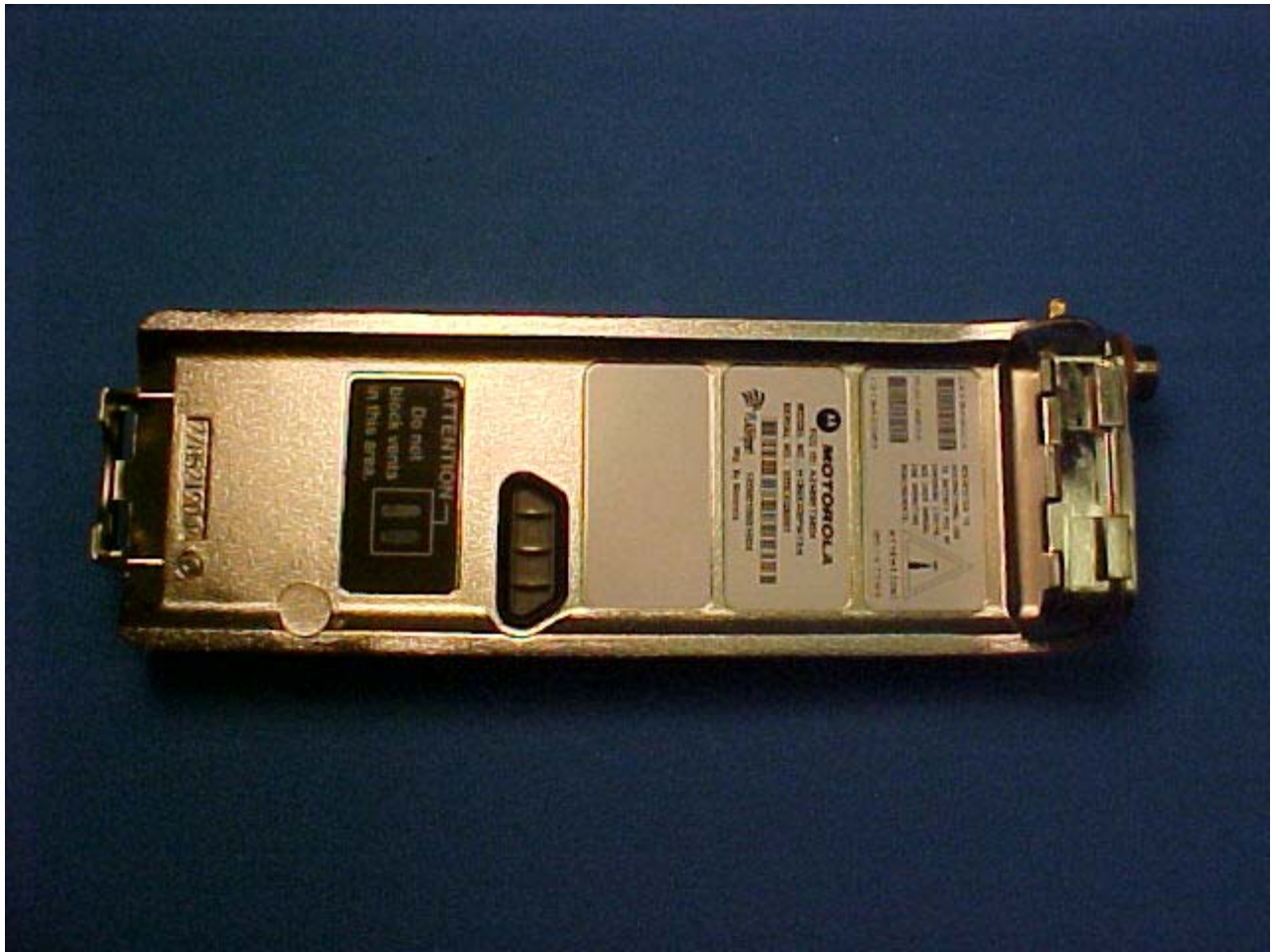

Display Board - Bottom View

Switch Board - Top View
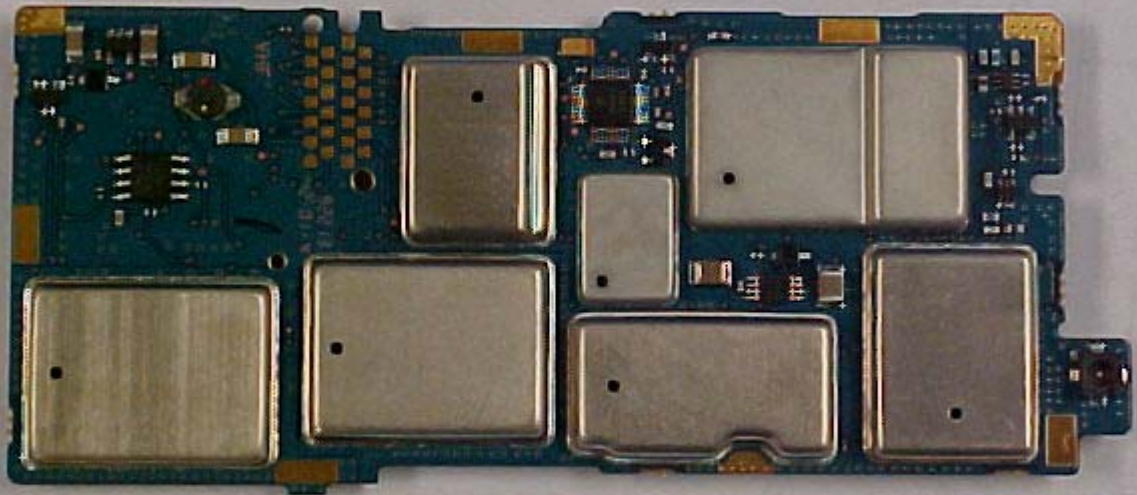

Switch Board - Bottom View

VHF Integrated Transceiver Module - Top View

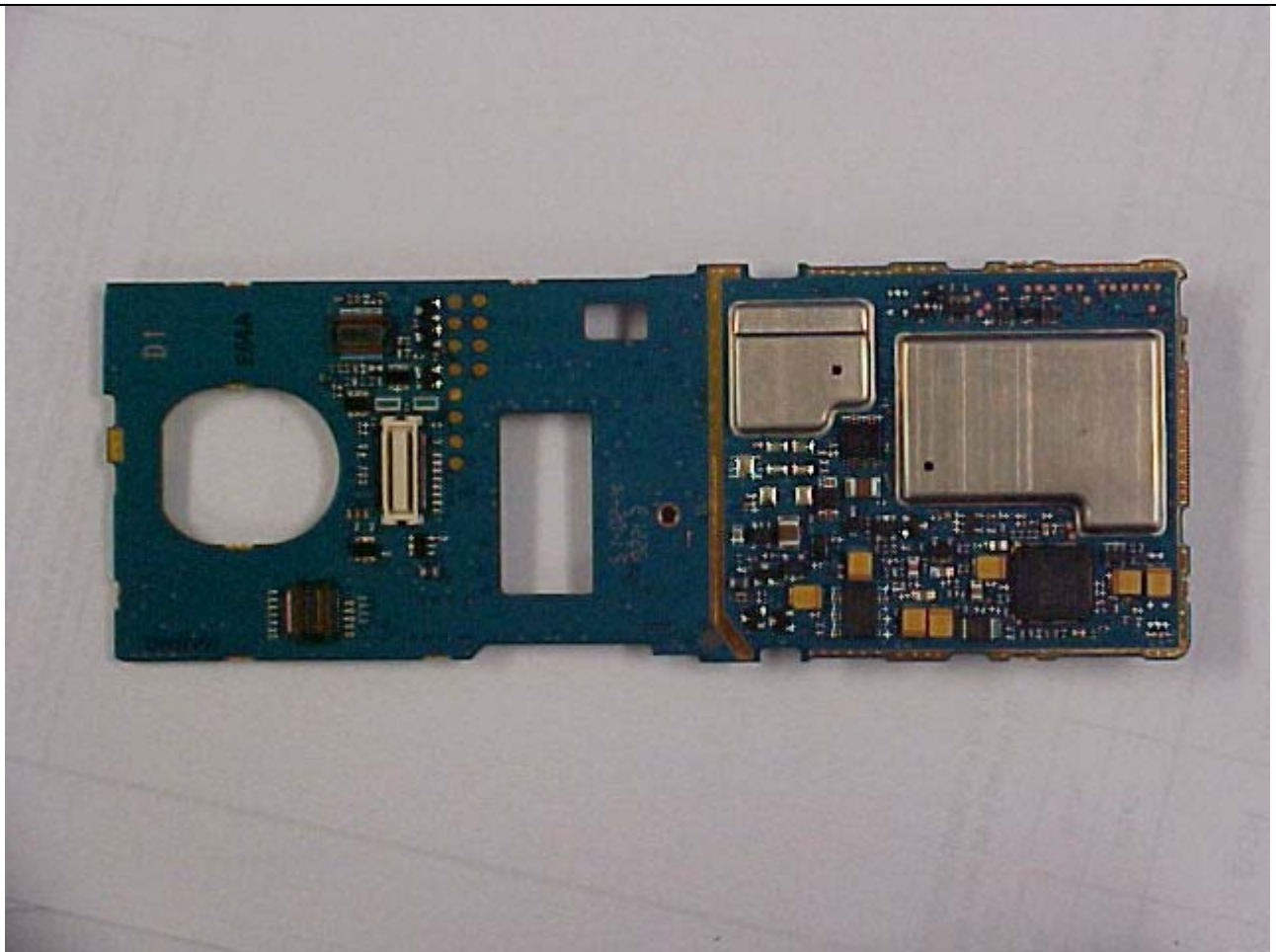VHF Integrated Transceiver Module - Bottom View

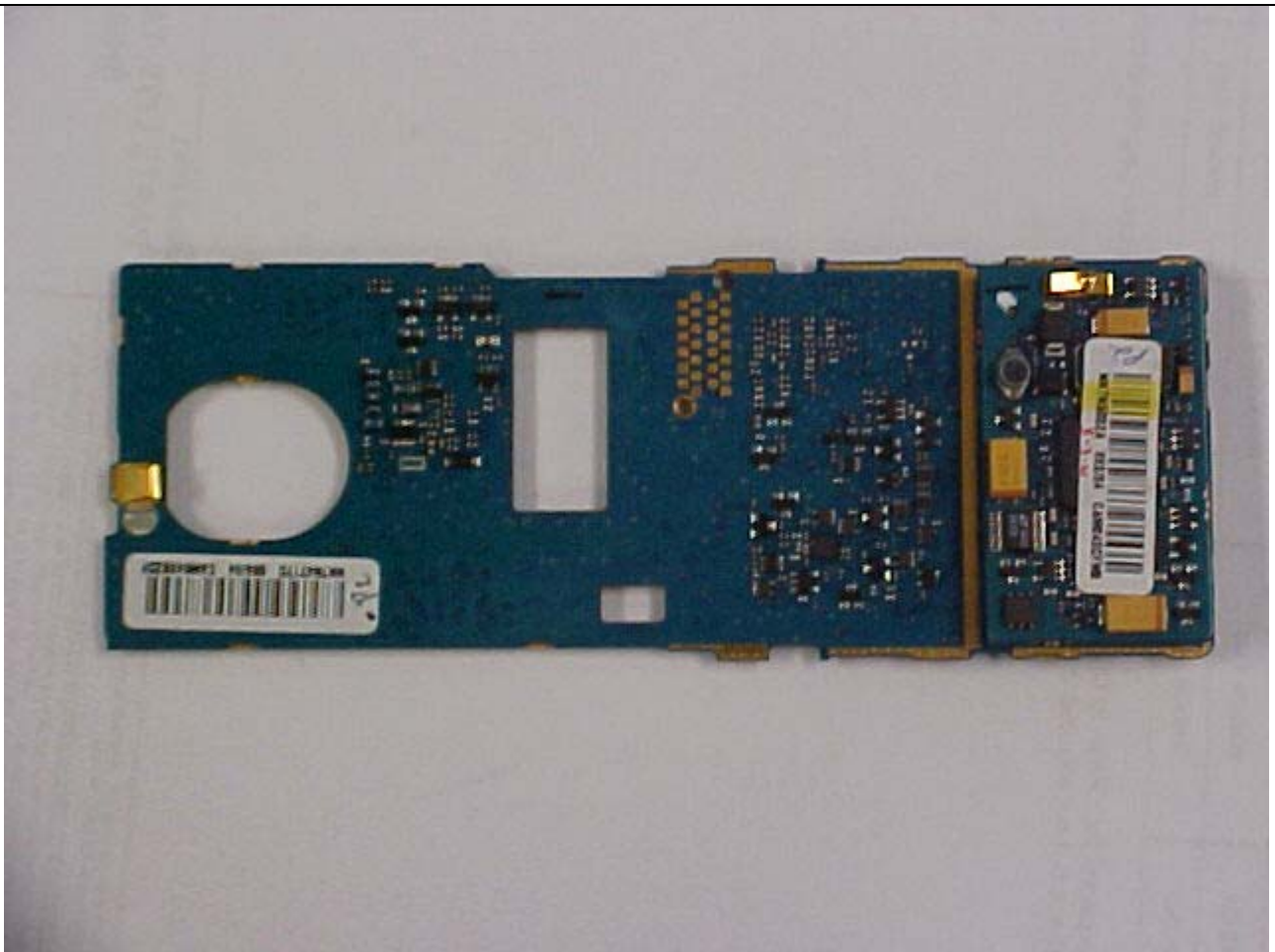VHF Integrated Transceiver Module: FCC ID- AZ489FT3804

VHF MHz Integrated Transceiver Module – Transceiver Board Top View

VHF MHz Integrated Transceiver Module – Transceiver Board Bottom View

VHF MHz Integrated Transceiver Module – Vocon Board Top View

VHF MHz Integrated Transceiver Module – Vocon Board Bottom View