

File: TELAXIS2006IP.doc
Internal Unit Photographs,
FiberLeap Access Unit Model AU2006

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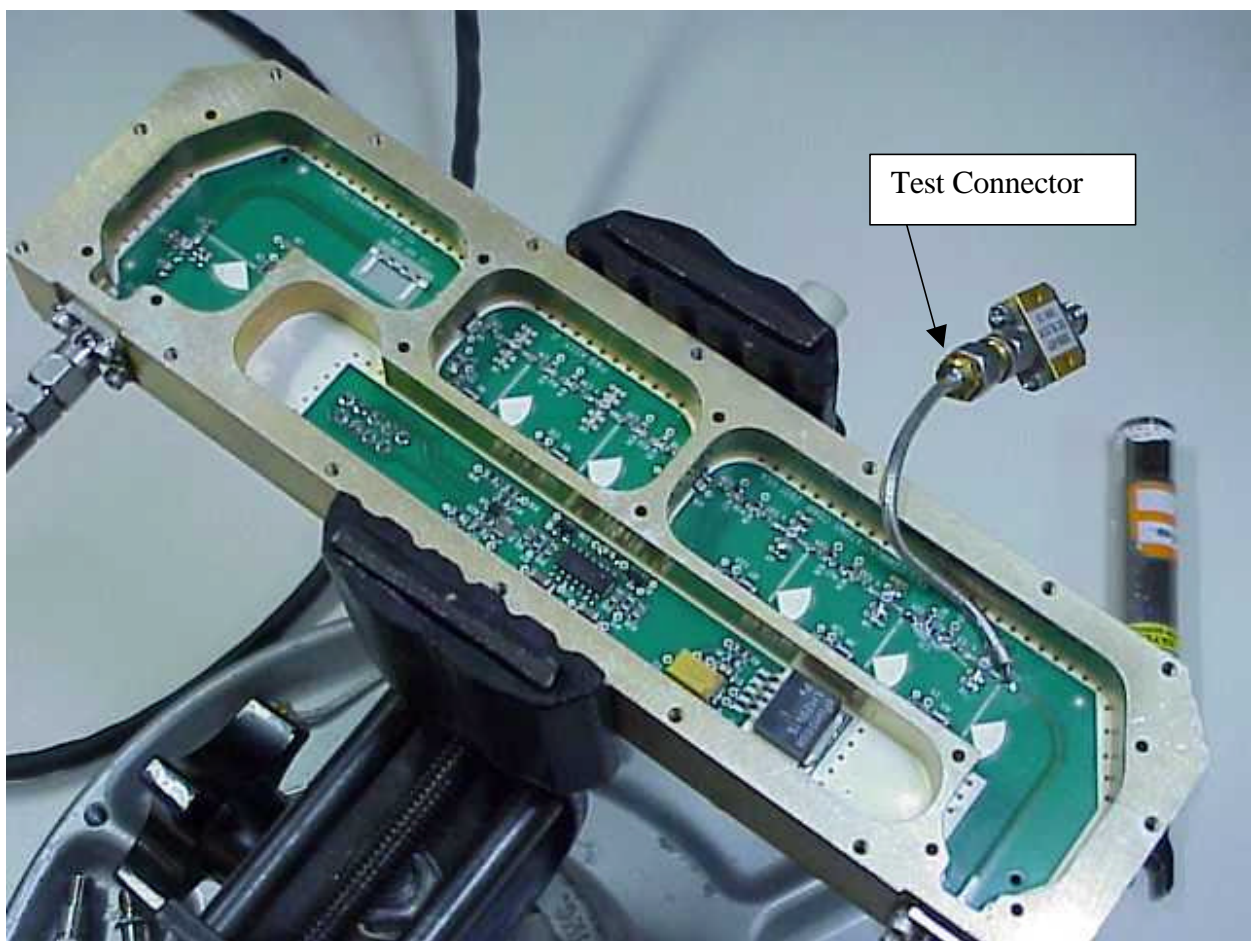
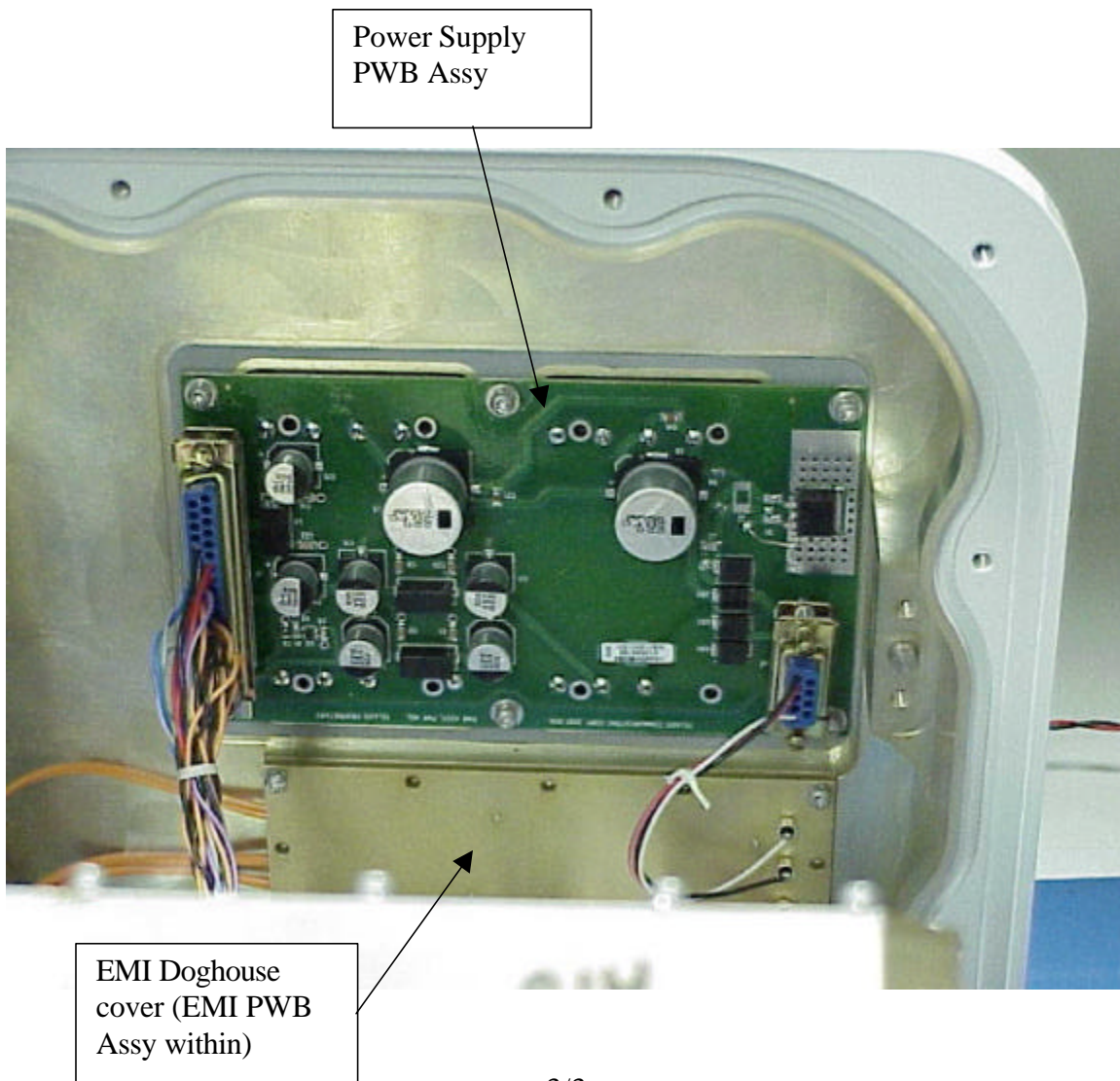


Photo of IF Module with top cover removed. Photo taken at completion of module test before installation of module into top assembly. Test connector was installed only during module test.

Photo showing Power Supply PWB Assy installed in bottom of housing.



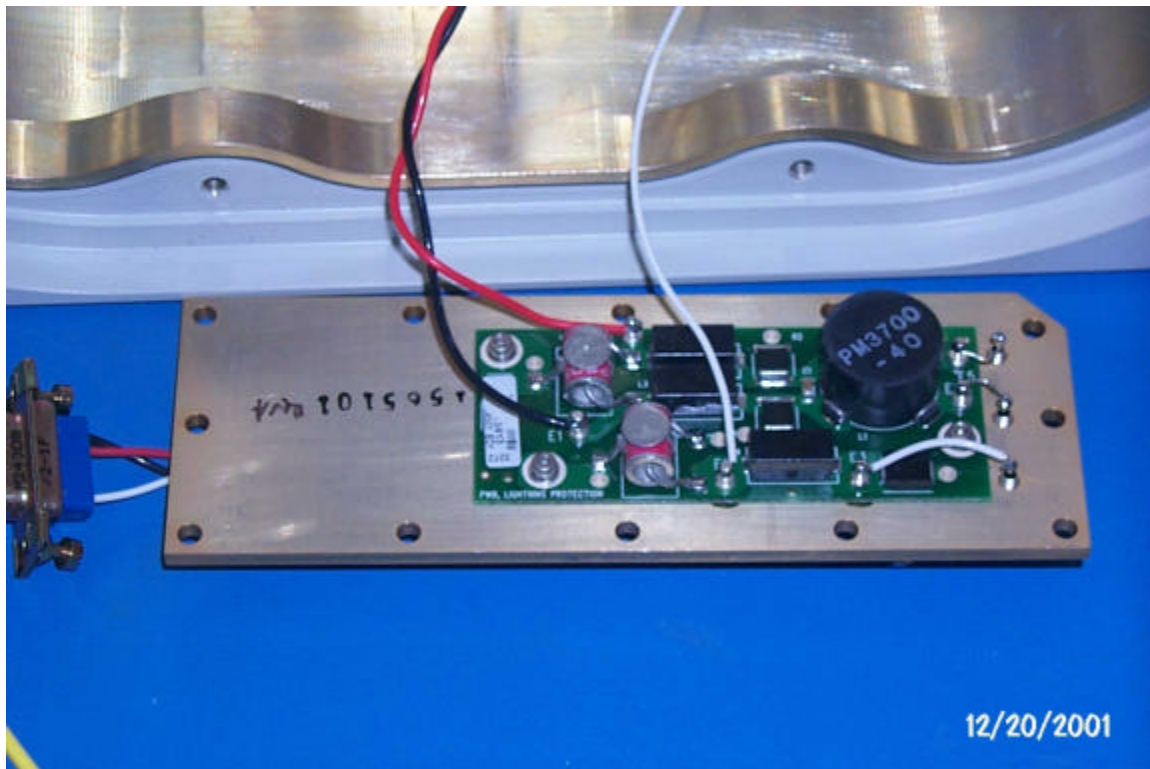


Photo of EMI Filter/Lightning Protection Board Assembly mounted on cover of “EMI Doghouse”. Shown after test of this module and just prior to the cover being installed in the housing.

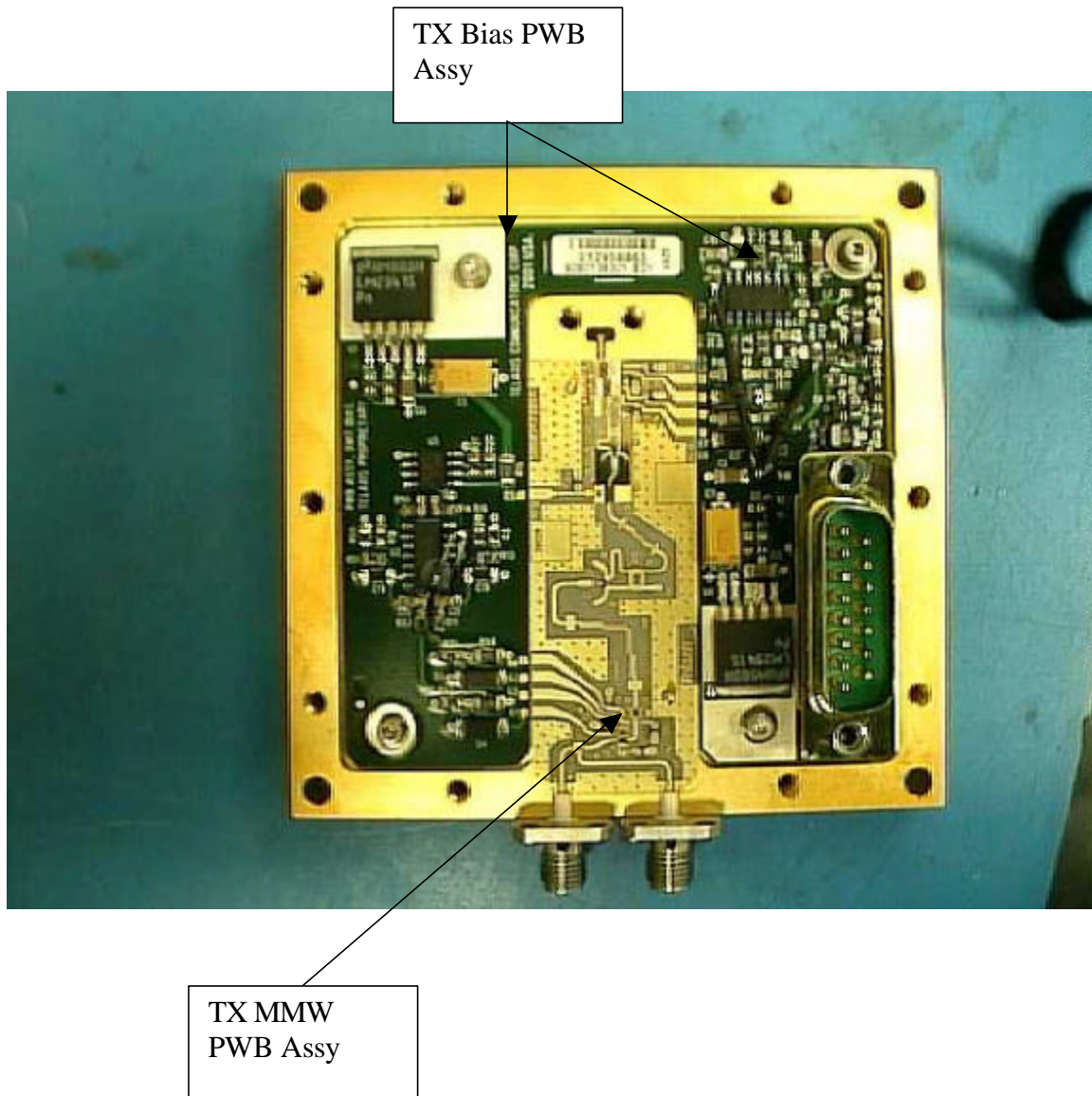


Photo of TX Module Assy with cover removed.

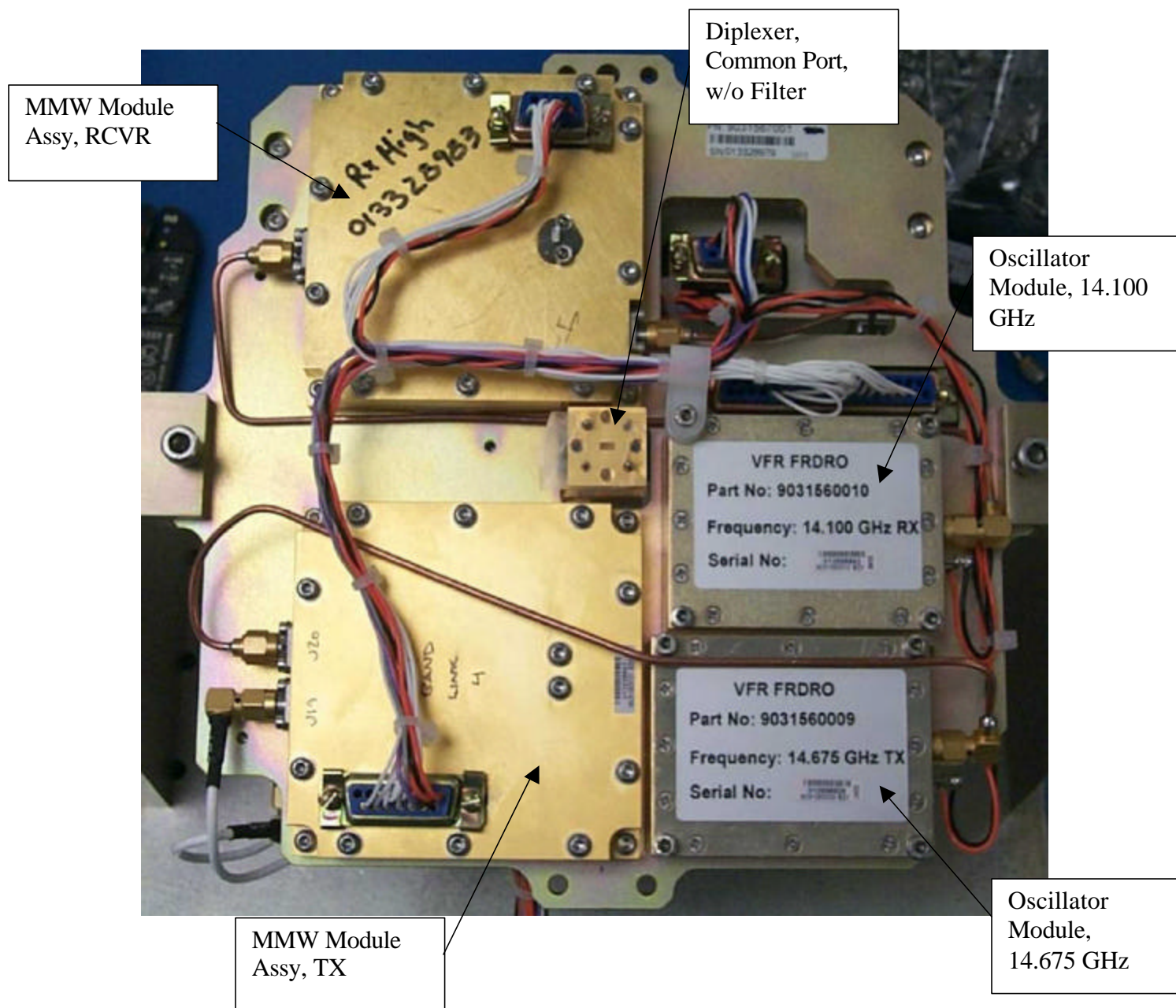


Photo of Module Plate Assembly, MMW module side, showing wiring interconnects. Prior to assembly into housing.

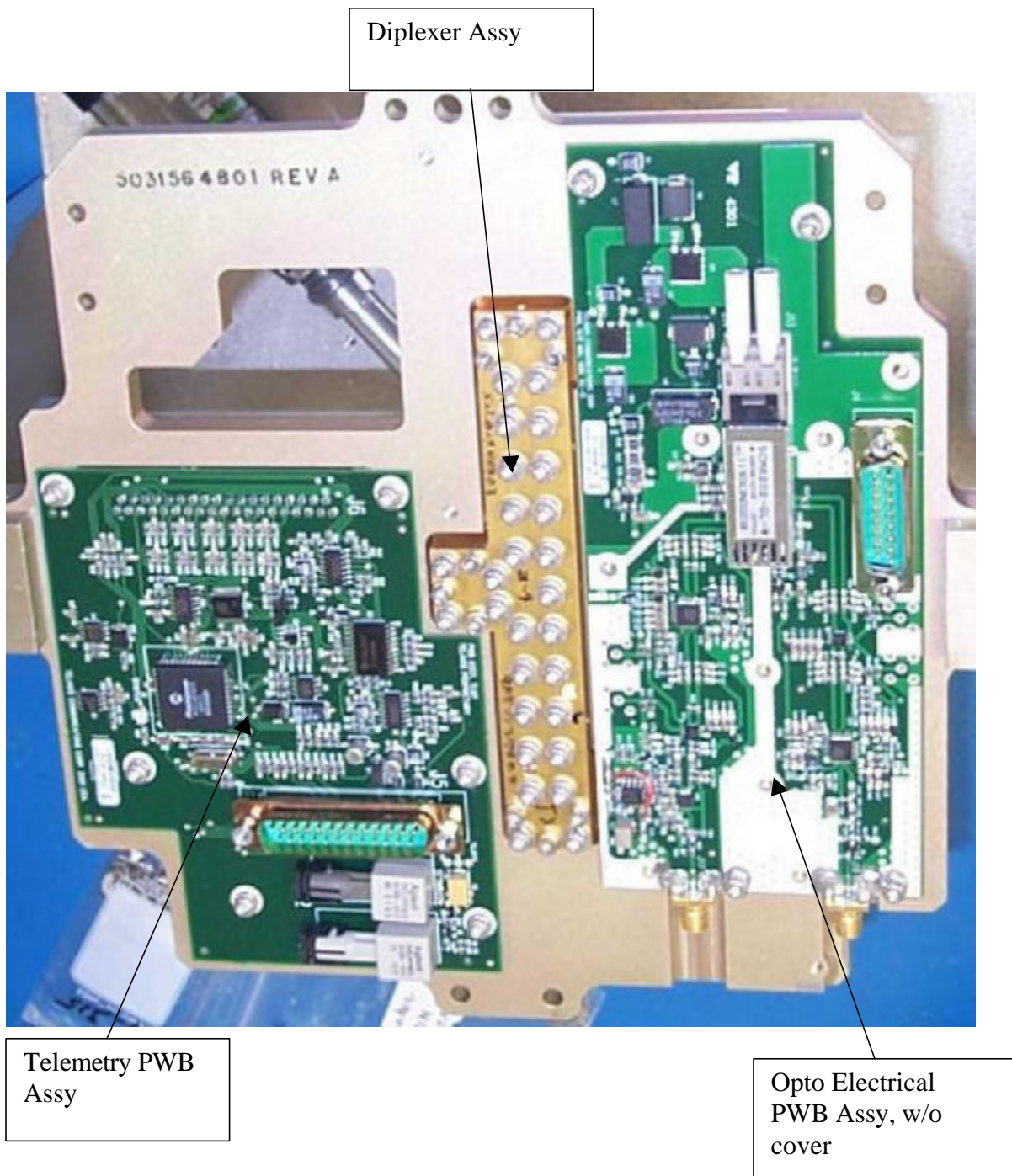


Photo of Plate Module Assy showing Opto/Electrical PWB Assy installed on plate but with cover removed. Prior to installation of plate in housing.

Photo of RX Module Assy with cover removed.

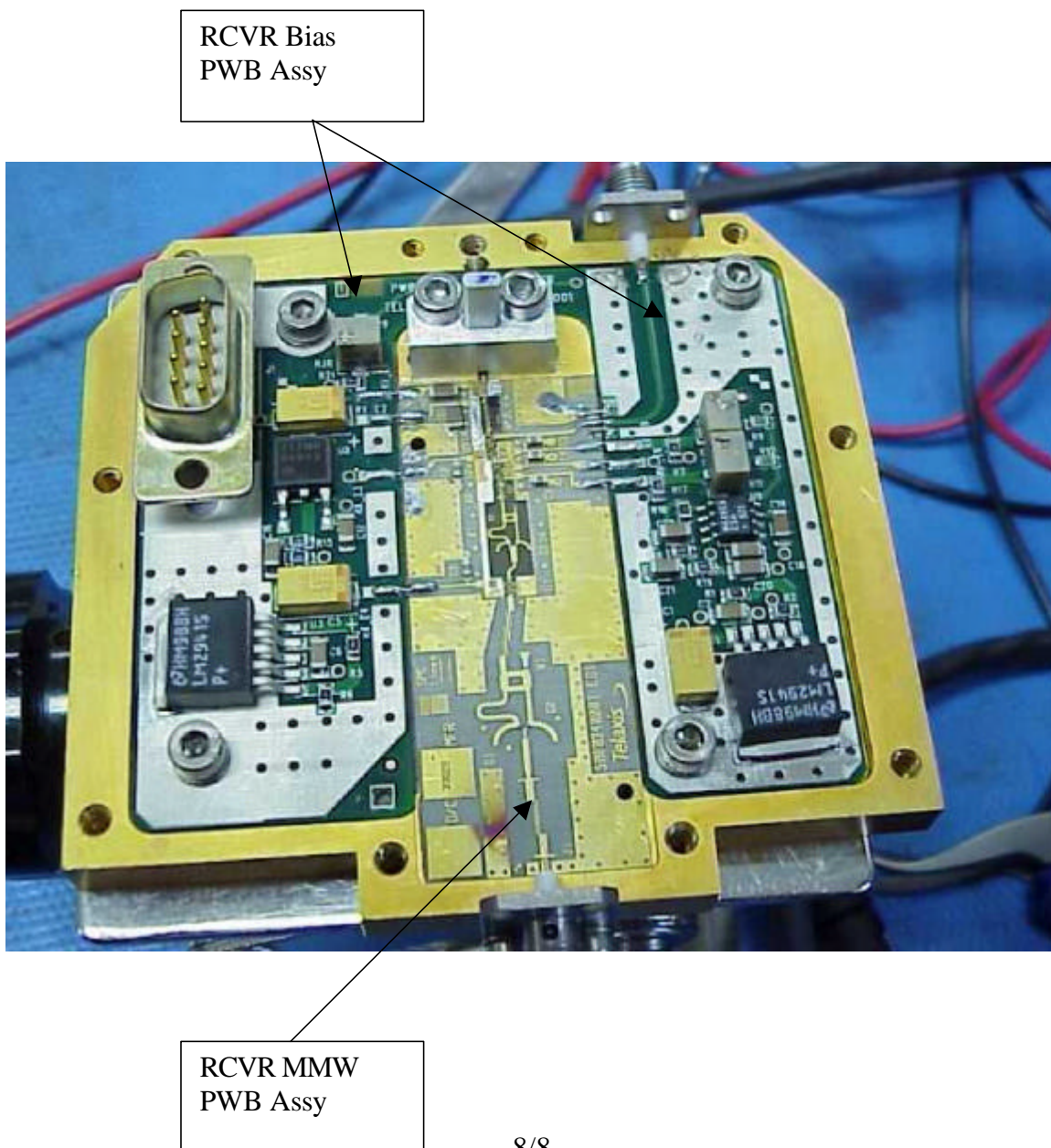
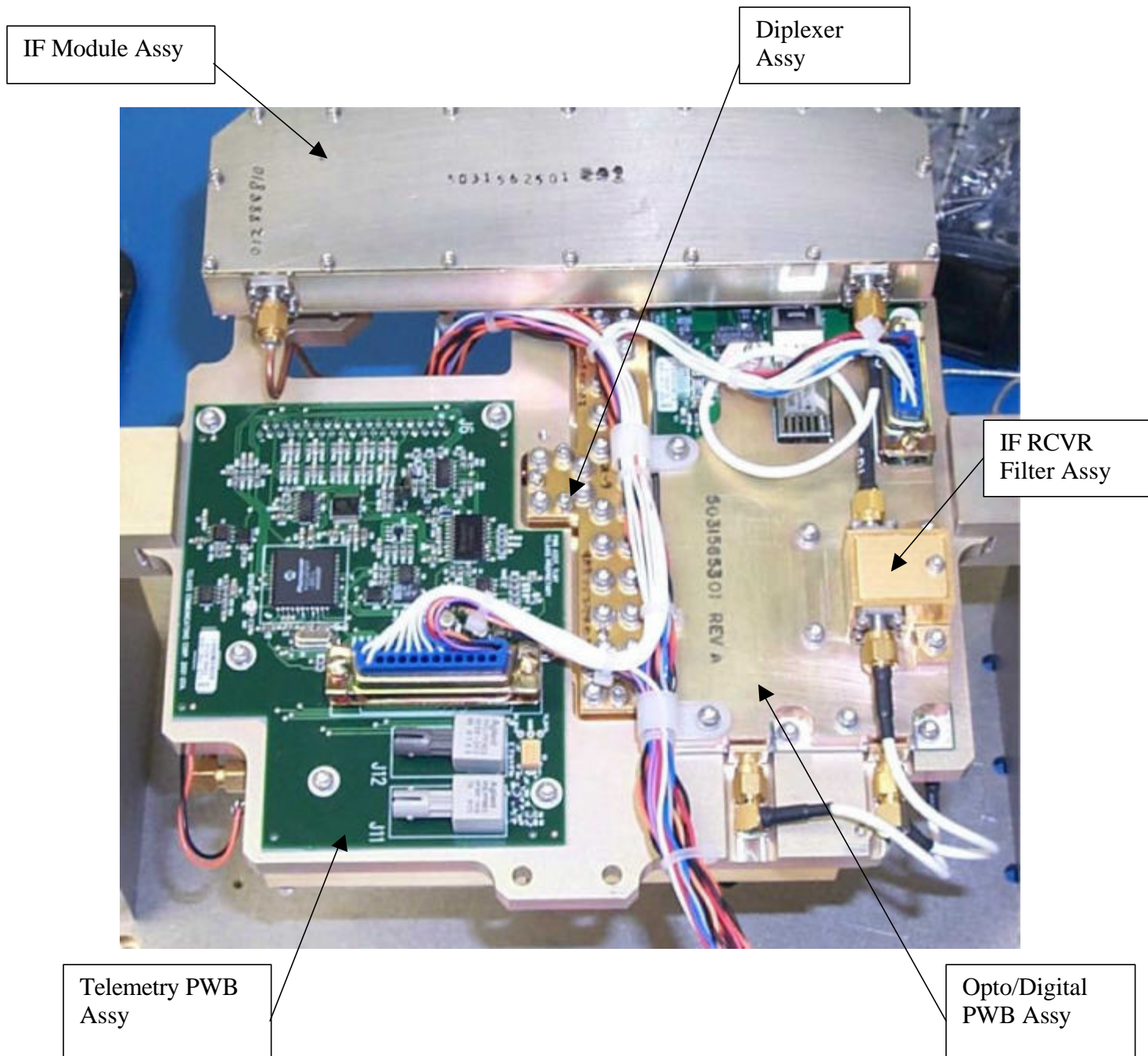
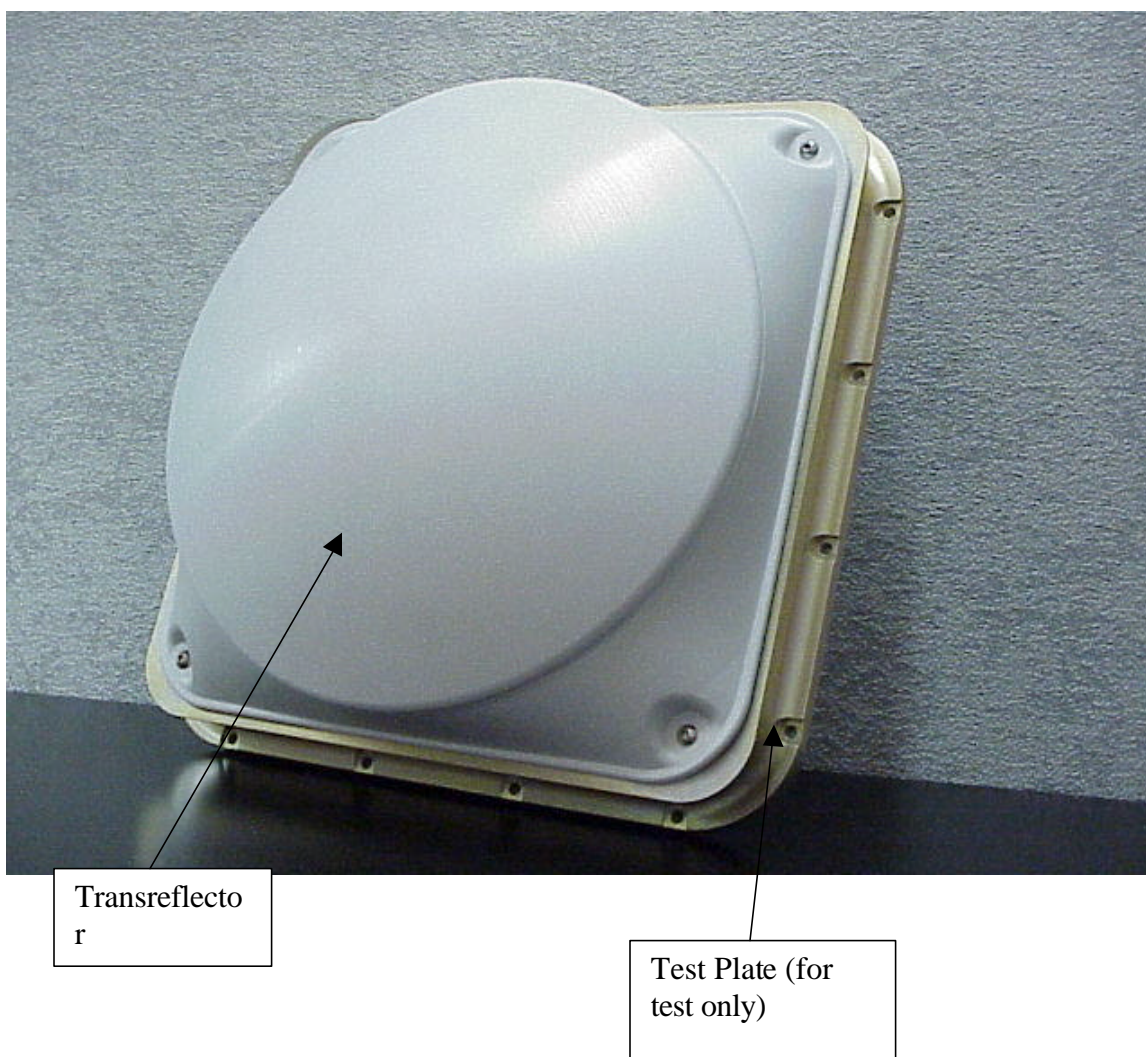


Photo of Module Plate Assembly, PWB side, showing wiring interconnects. Prior to assembly into housing.



The transreflector antenna comprises three principal components: (1) a linearly polarized feed horn, (2) a transreflector, and (3) a polarization twist-reflector. The photos below identify these components in our 60 GHz production prototype.

These photographs of the 60 GHz Transreflector antenna are shown on a test plate. (i.e., the twist reflector would normally be mounted on the rear surface of the Access Unit housing, but in this antenna assembly it was mounted on a test plate for convenience during development and initial production testing.)



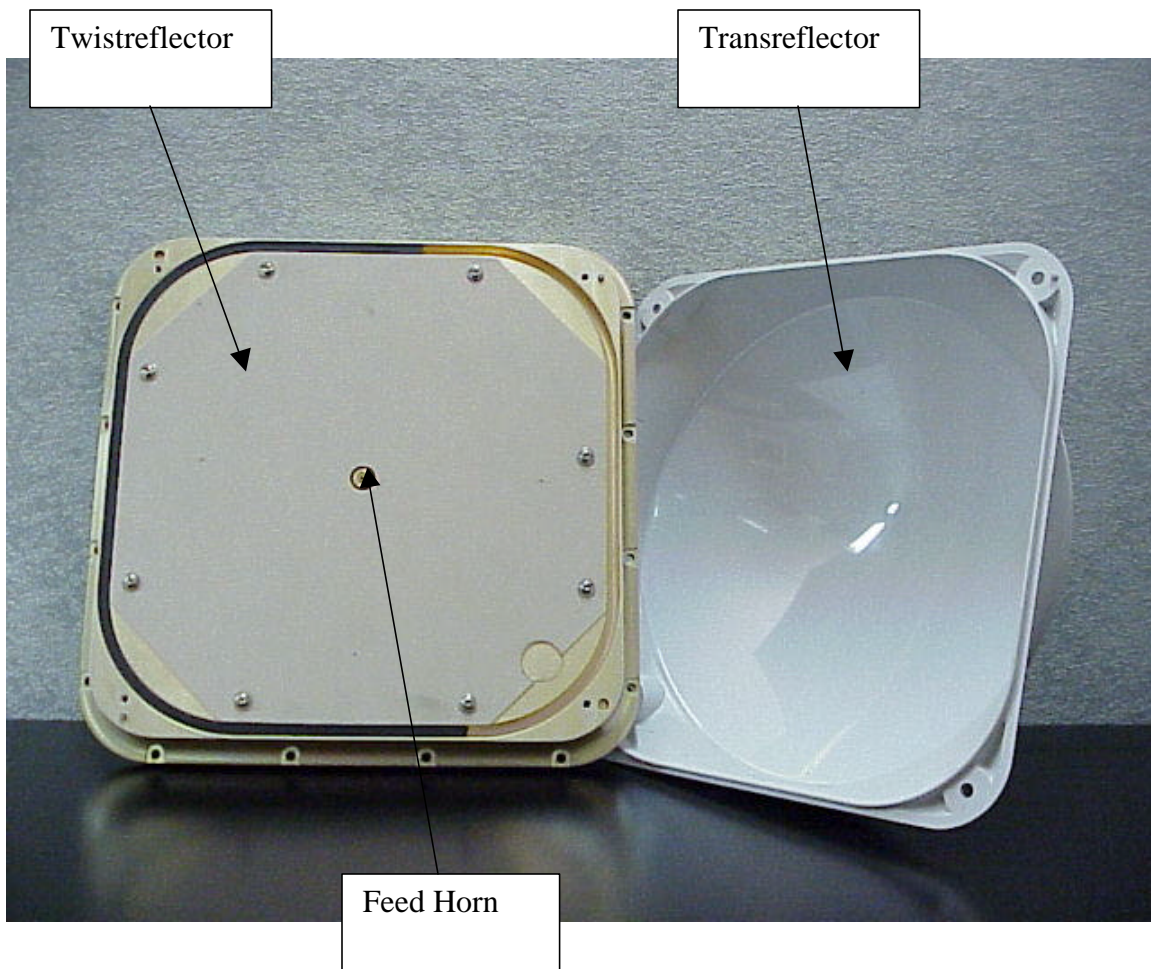


Photo with Transreflector removed.