Rhein Tech Laboratories, Inc. 360 Herndon Parkway Suite 1400 Herndon, VA 20170 http://www.rheintech.com Client: M/A COM, Inc. Model: MASTR III VHF Base Station ID's: OWDTR-0048-E/3636B-0048 Standards: Part 90/RSS-119 Report #: 2007124-001

## Appendix N: Internal Photographs

Please refer to the following pages.

Figure 1: AC/DC Power Supply Front Cover



Figure 2: AC/DC Power Supply Top Cover

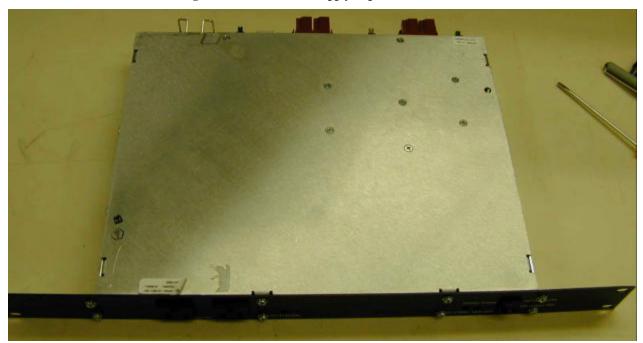


Figure 3: AC/DC Power Supply Back Connectors



Figure 4: AC/DC Power Supply Bottom Cover

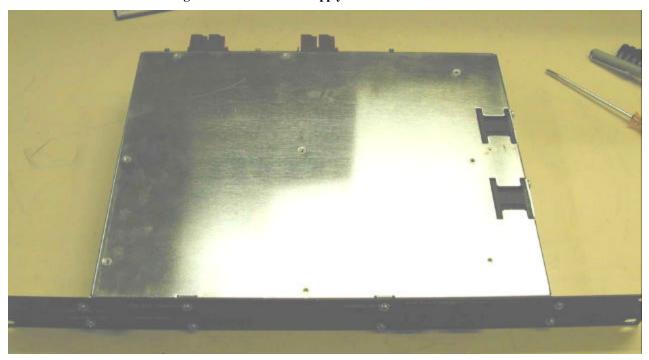


Figure 5: AC/DC Power Supply Top of Board





Figure 11 a). DSP module front

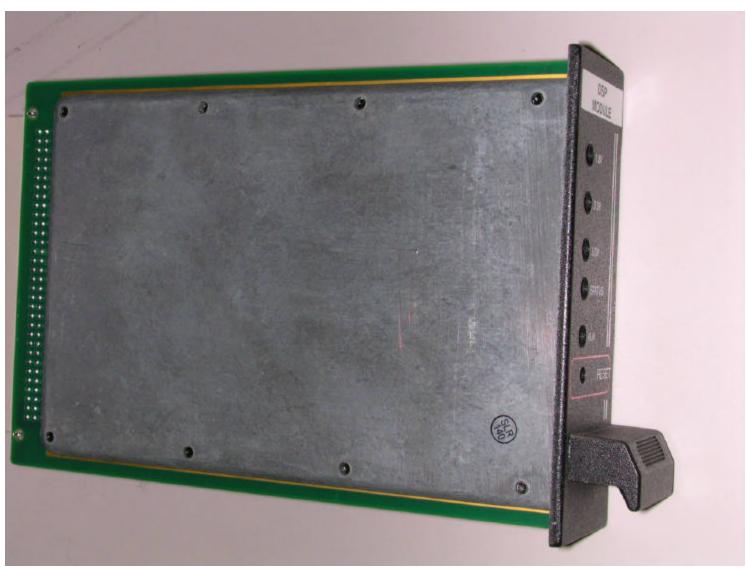


Figure 11 b) DSP module back



Figure 12. DSP module (component side)

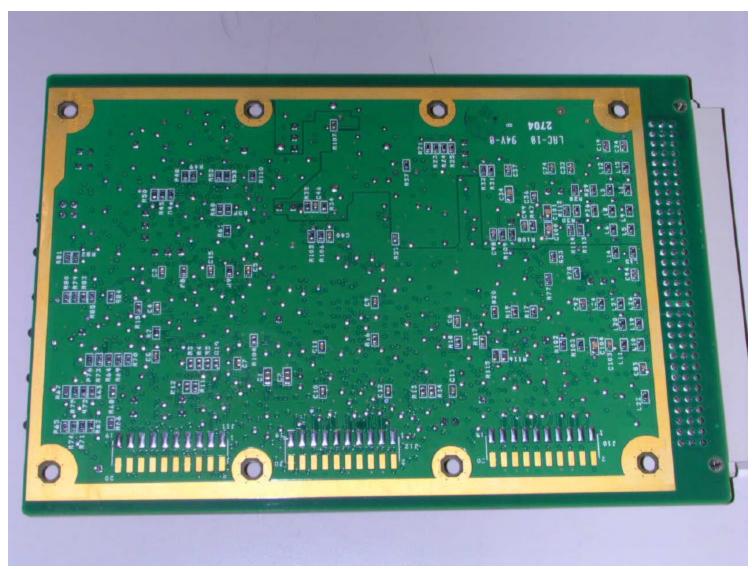
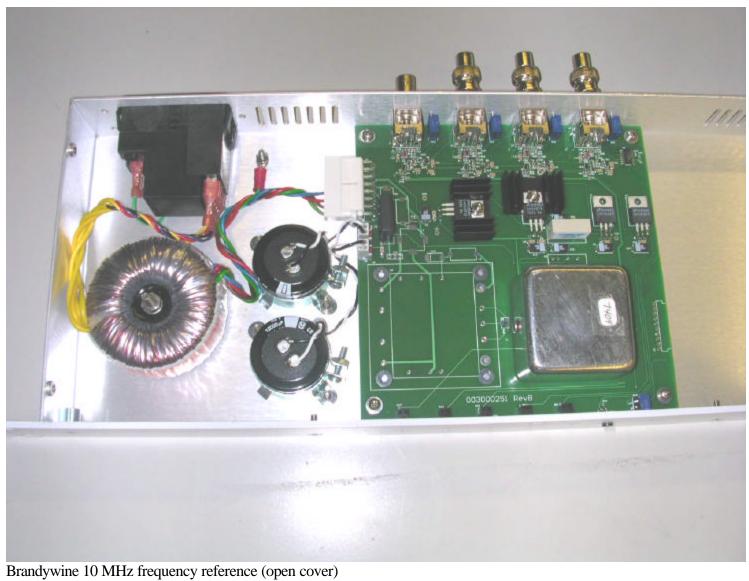


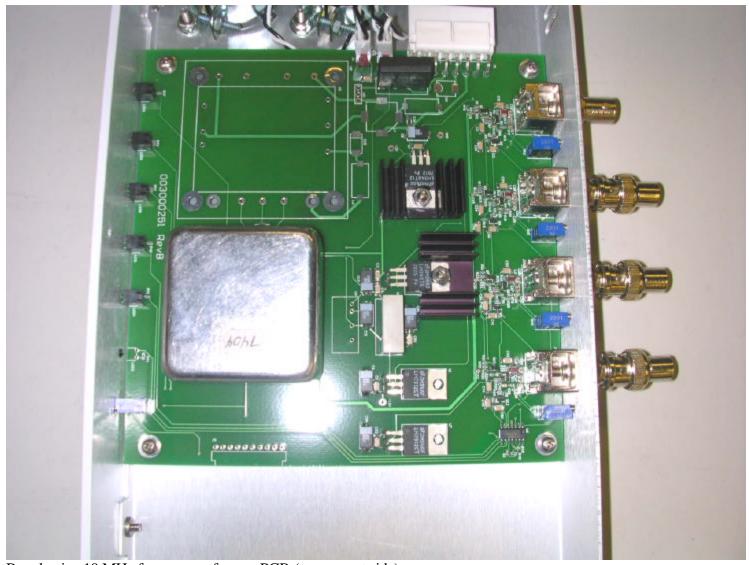
Figure 13. DSP module (secondary side)



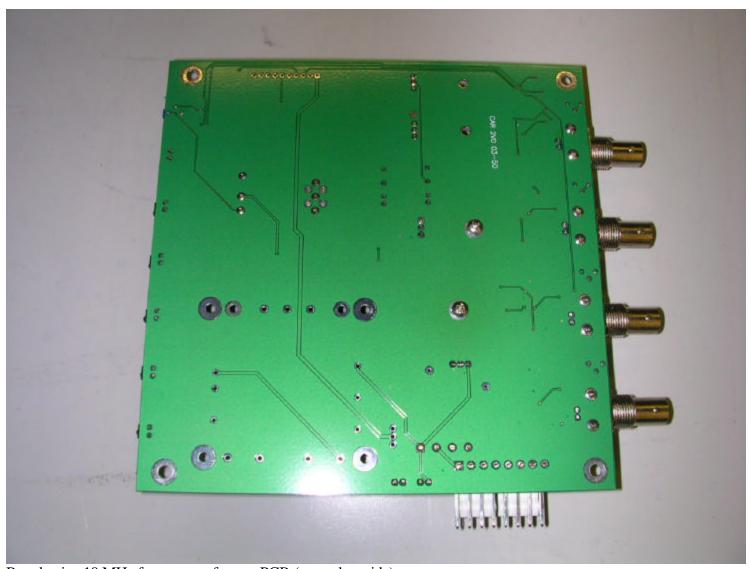


Brandywine 10 MHz frequency reference (back)





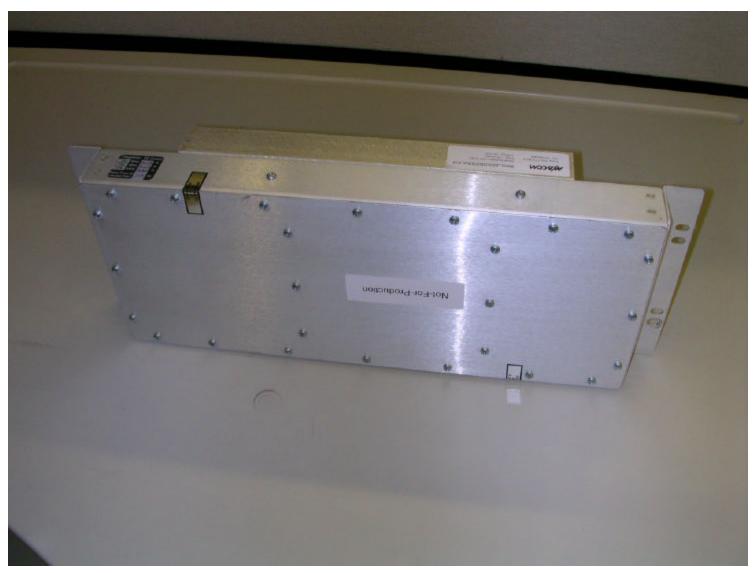
Brandywine 10 MHz frequency reference PCB (component side)



Brandywine 10 MHz frequency reference PCB (secondary side)



Power Amplifier External View



Power Amplifier Back View



Internal Picture 1



Internal Picture 2



Internal Picture 3 - Low Frequency Split