

Denis Lalonde
Radio Compliance Discipline
Leader

Solelectron Technical Centre
21 Richardson Side rd
Kanata ON K2K 2C1 · Canada

Tel 613 271-5322

Fax 613 271-2581

<http://www.solelectrontechnicalctr.com/>

November 16, 2004

American TCB, Inc.
6731 Whittier Avenue
Suite C110
McLean, VA 22101

Re: FCCID:OWDTR-0032-E and IC:3636B-0017

Dear Sir or Madam:

This is a FCC Part 90 and Industry Canada Class 2 Permissive Change application for the M/A-COM MASTRIII VHF base station that operates between 136 and 174 MHz. The FCCID of this equipment is OWDTR-0032-E and the Industry Canada certification number is 3636B-0017.

The MASTRIII VHF base station has last been granted authorization in May 2004. A modified power amplifier is now introduced. The changes include:

1. replacement of the now obsolete final transistor
2. matching capacitor modifications for the new transistor
3. circulator replacement. The previous PA included a 136 - 174 MHz circulator. Operation over this frequency range will now be achieved with the use of 2 power amplifiers (136 - 154 MHz, and 150 - 174 MHz). The only difference between the 2 PA's is the frequency range of the circulators; the PA's are otherwise identical. The circulator is a limited-bandwidth passive device located at the output of the PA, whose only function is to direct reflected power away from the final stage and into a dummy load.

Please call me or write if you have any questions or comments.

Regards,

Denis Lalonde
email: denislalonde@solelectron.com
Solelectron Technical Centre