



Technical Note TN-595

Changes to T3000 440 – 470MHz Radios

1 October 1999

Applicability

All new production T3000 radio's in the 440 – 470MHz range.
(T30XX-52XX)

1. Introduction

What is happening?

Current production of T30XX-52XX radios is using a Motorola power module. The module number is MHW707-2 with an IPN of 004-00070-72.

Motorola recently informed Tait Electronics Ltd that they were no longer going to continue production of the MHW707-2 power module. Since then, the Mobile Radio Design Support group has been working on a solution.

2. New Power Module.

Explanation

The power module the Tait Mobile Radio manufacture for the T30XX-53XX range has been modified to create a new power module called a **X3P5200**. The module has been designed to replace the obsolete Motorola MHW707-02 power module. The X3P5200 will operate in the 440 to 470MHz range.

The first job number with this new power module was: **133414**
The first serial number with the new power module is: **638221 (T3010-5222-M10)**

For details of the actual component changes, please feel free to contact Mobile Radio Customer Support.

3. Issuing authority

**Name and position
of issuing officer**

Barry Crates
Mobile Radio Customer Support Engineer.