
TECHNICAL NOTE TN-1052
T2000 RF PCB and Control Board PCB
Compatibility

15th July 2005

Applicability

This Technical note applies only to the T2000 series of mobile radios.

1. Introduction

Early in production of the T2000 mobile the pin configuration of P1 (on the RF) and S1 (on the control/logic board) changed. On the whole, this change is not a problem as the radios in question are very early models and the quantity made in this configuration is low. However, Technical Support has been asked about this compatibility hence this Technical Note.

2. Information

What Changed?

The change comprises of the addition of an 8v regulator to the control PCB, with S1 pin 9 connected to 8v. On early issue control PCBs, the control PCB uses the RF PCB 8v regulator and S1 pin 9 is connected to ground.

Can I fit a later issue control PCB to an early issue RF PCB?

It is possible to modify the following control PCBs to fit to an early RF PCB...

- Remove the 8v regulator from the control PCB as follows
 - IPN 220-01206-06 – IC513
 - IPN 220-01207-09 – IC514
 - IPN 220-01208-05 – IC509
 - IPN 220-01209-05 – IC515
- Connect S1 pin 9 to ground

Can I fit an early issue control PCB to a later issue RF PCB?

Tait Electronics Ltd do **not** recommend fitting an early issue control PCB to a later issue RF PCBs. The modifications required do not make this a viable option.

