



Technical Support

TECHNICAL NOTE

Technical Note TN-880

New T2000 TCXO Release

28th May 2004

Applicability

This Technical Note applies to all Series II T2000 Dual Bandwidth Mobile Radios

1. Introduction

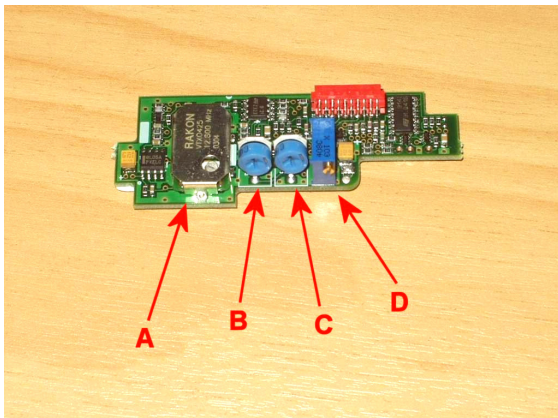
Information

A new TCXO has been introduced to the T2000 range of radios. The **X2TD25** is currently used on all Dual Bandwidth Conventional T2000 radios (T20XX-X43-XXX). The adjustments are the same as those on previous TCXO's with the addition of an extra tuning pot that controls an offset required in the Nth American market. This pot is only adjustable on T2020-343-G43 and T2020-343-TOO radios.

The pot is disabled in all other radio types and may be removed from radios that don't use it in the future.

The following picture shows the new TCXO with a description of the function of the individual pots.

X2TD25



A = Frequency Adjustment

B = Main Deviation adjustment

C = CTCSS Deviation adjustment

D = North American Frequency Off Set adjustment. This is disabled by the Programming Software in all radios except T2020-343-G43s and T2020-343-TOOs.

Compliance Issues None

CSO Instruction CSO's - Please inform all technical staff, and dealers of this Technical Note.

2. Issuing Authority

Name and Position of Issuing Officer Paul Anderson
Customer Support Engineer – T2000

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