



TECHNICAL NOTE TN-1049-SR
T1510/T1511/T1711 Modem Software V7.02
1 August 2005

Applicability T1510, T1511 CCM & T1711 CMM

1. Introduction

This version contains an enhancement for FFSK audio muting.

2. Changes

New Feature: Received FFSK is now muted.

The other radio parties in a call do not hear FFSK transmitted by a radio (e.g. clear-down message). The CMM mutes the received audio if it detects FFSK.

If the call is a NPD call, the audio should never be muted. The MIN software informs the modem software if a call requires muting. The modem software performs the actual audio muting if required.

3. Known Issues and Limitations

None

4. Compatibility

Products this Software is approved for inclusion in:

- T1510 Channel Control Module.
- T1511 Channel Control Module.
- T1711 Channel Management Module.

Hardware compatibility:

- Q1510MOD requires 64k*8 EPROM (27C512). Used in T1510 CCM hardware. Note: Technical Instruction 430 should be performed to accommodate this on CCMs with PCB IPN 220-01212-02 or older. Note that the code begins at \$C000.
- Q1511MOD requires 128k*8 FLASH (29F010). Used in T1511 CCM hardware. Note that the code begins at \$4000.
- Q1711MOD requires 128k*8 FLASH (29F010). Used in T1711 CMM hardware. Note that the code begins at \$4000.

Software compatibility:

Q1510MIN / Q1511MIN / Q1711MIN version **7.08 or later** audio muting is required.

5. Issuing Authority

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Document History Original Release 1 August 2005 JN