

# T-BERD 224 Application

## Transmitting VF Tones

The following procedure outlines how to use the T-BERD 224 to transmit a sweep of frequency tones covering the audible range. Please read the entire procedure **BEFORE** starting.

### Configuring the T-BERD 224

Step	Switch	Action
1		Configure the T-BERD 224 according to the T-BERD 224 <b>T1 Drop &amp; Insert Setup</b> card for in-service testing <b>or</b> , Configure the T-BERD 224 according to the T-BERD 224 <b>T1 Termination Setup</b> card for out-of-service testing <b>or</b> , Configure the T-BERD 224 according to the T-BERD 224 <b>DCS Testing Access (TAD) Setup</b> card for terminating at test access di-group.
2	CHANNEL FORMAT	Select <b>VF</b> .
3	LINE 1 & LINE 2 CHANNELS	Select the T1 channel ( <b>DS0</b> ) to transmit on.
4	SOURCE CONFIGURATION I	Select <b>LEVEL</b> .
4a	SOURCE CONFIGURATION II	Select the appropriate transmit level.
5	SOURCE CONFIGURATION I	Select <b>FREQ</b> to transmit desired tone frequency or select <b>SWEEP</b> to transmit full range of audible tone frequencies in stepped increments.
5a	SOURCE CONFIGURATION II	If <b>FREQ</b> is selected: A. Select the desired frequency.
6	INSERT (TX)	Select the T1 line to insert on ( <b>LINE 1</b> towards the Z-Side or <b>LINE 2</b> towards the A-Side).
7	DROP (RX)	Select the T1 line to receive channel to be analyzed (usually opposite to <b>INSERT</b> line).
8	VOLUME	Verify continually by listening to test tone.



20400 Observation Drive, Germantown, Maryland 20876-4023 USA  
 USA 1-800-638-2049 • +1-301-353-1550 • FAX +1-301-353-0234  
 Canada 1-888-689-2165 • +1-905-507-4117 • FAX +1-905-507-4126  
 www.ttc.com

TTC Technical Support  
**1-800-638-2049**