

Chart 8 XMT Crystal Oscillator Frequency Correction

PURPOSE

Provides procedures to correct the transmit frequency of the crystal oscillator on the UD-35() Transmitter module.

For a list of crystal frequencies, refer to the appropriate application drawing in the Diagrams section.

TEST EQUIPMENT REQUIRED

Frequency Counter HP-53151A

Test Lead and Tool Kit

Allow a 1-hour warm-up period for radio and test equipment before starting applicable tests or improper frequency adjustment can result. If waiting for initial alignment is impractical, it may be performed after a warm-up period of 5 minutes minimum; however, crystal frequency should be rechecked after full warmup.

STEP	PROCEDURE
<input type="checkbox"/> 1	Verify that carrier frequencies from station license or construction permit conform to labels on UD-35() Transmitter.
<input type="checkbox"/> 2	Perform procedure shown on Figure 9-14 .
<input type="checkbox"/> 3	STOP. This procedure is complete.

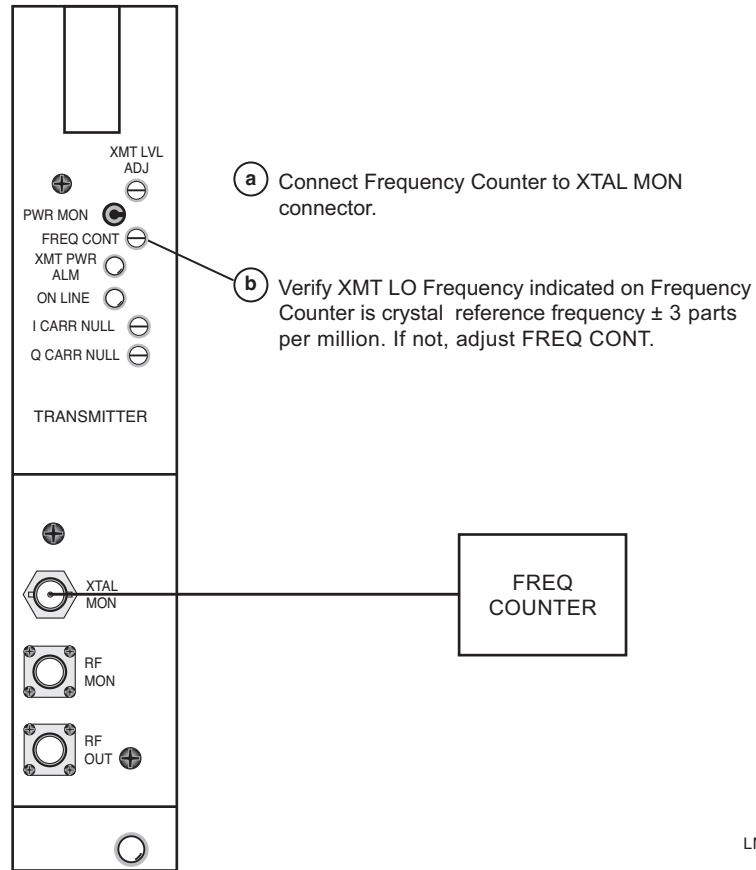


Figure 9-14 XMT Crystal Oscillator Frequency Check