

by connecting the 2B set to the chan-
TWD L key to ON HK.

the 2B set to OFF HK. Connect the
measure the received channel carrier.

5 db
value ± 5.0 db

W2EB cord and measure the relay

ired value.

the test stand.

the 2B set to ON HK and OFF HK
set follows the operation of the key

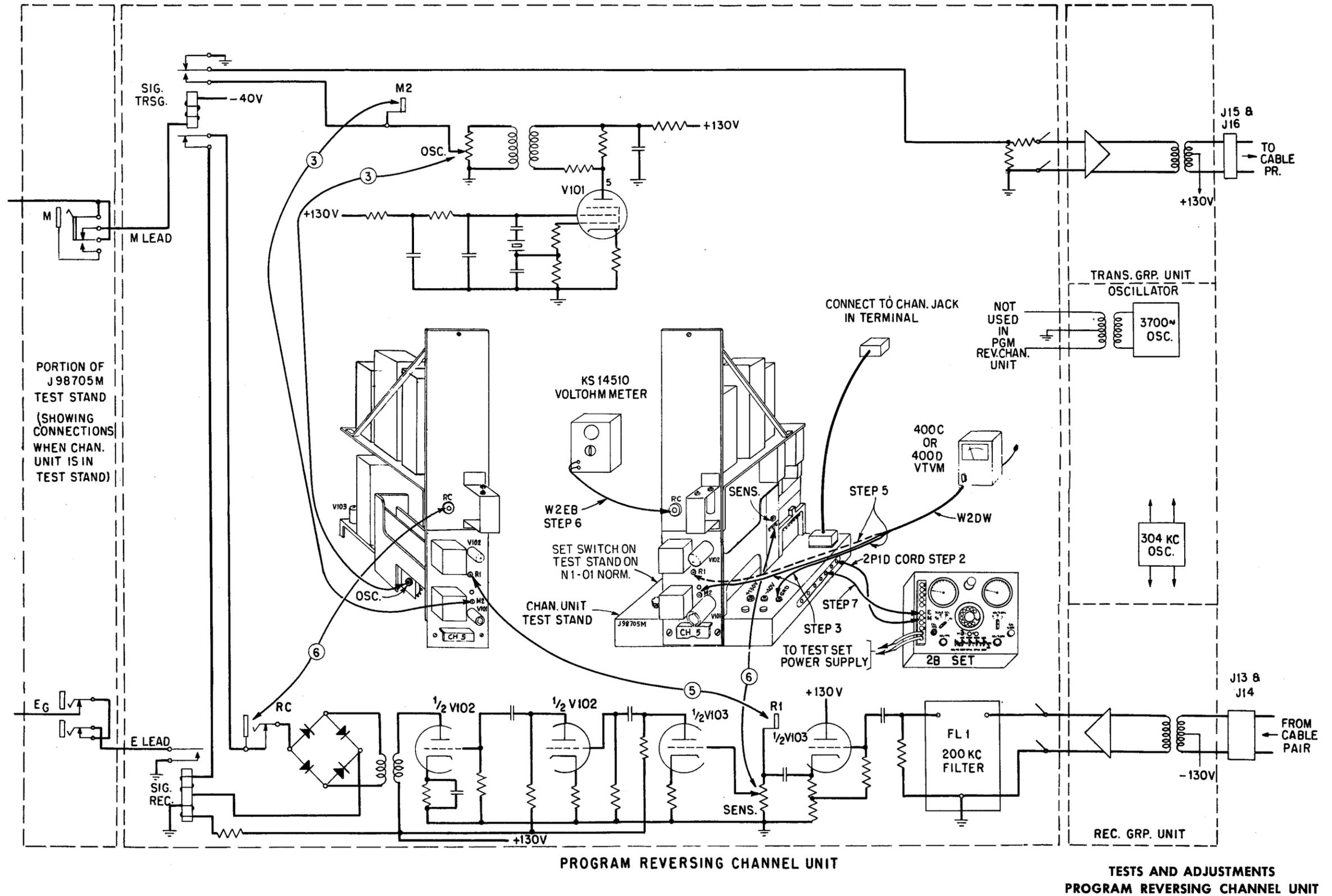
el unit in its terminal mounting.

re the oscillator output by connecting
ground. The measurement should be
the oscillator output is not met. If
at the SIG TRSG relay is operated.

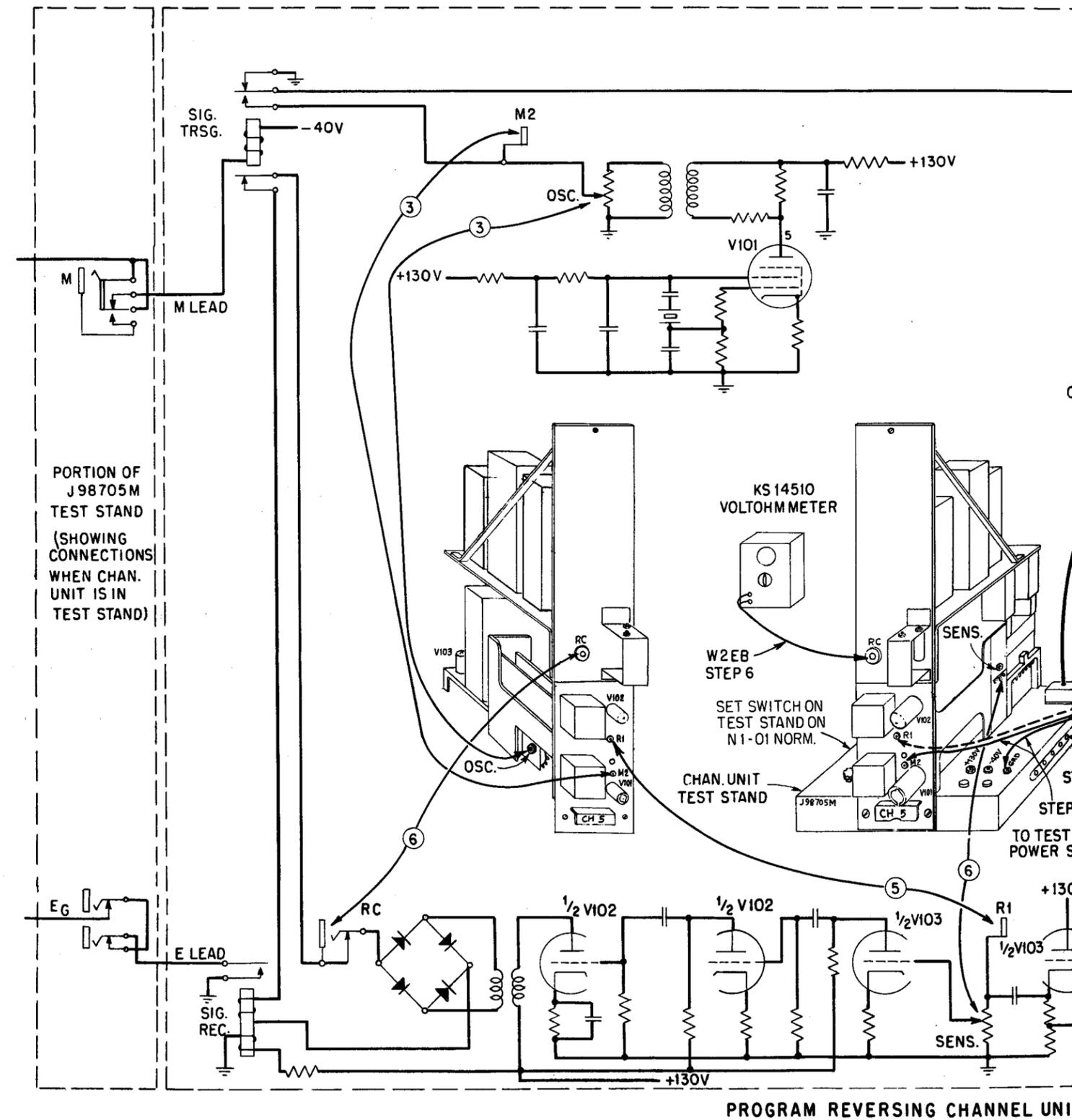
ot be met check the resistance of the

that the carrier output measurement
ment still is not met replace V103

ustment of the SENS potentiometer,
eck to determine that the SIG TRSG



STEP	PROCEDURE				
4	At the transmitting terminal ground the M lead by connecting the 2B set to the channel SIG L jack in the patch bay and operating the TWD L key to ON HK.				
5	At the receiving end operate the TWD L key of the 2B set to OFF HK. Connect the VTVM between the R1 jack and ground and measure the received channel carrier. Record the initial line-up reading.				
	<p>Requirements:</p> <table border="0"> <tr> <td>Initial line-up</td> <td>-13.5 ± 2.5 db</td> </tr> <tr> <td>Maintenance</td> <td>Recorded value ± 5.0 db</td> </tr> </table>	Initial line-up	-13.5 ± 2.5 db	Maintenance	Recorded value ± 5.0 db
Initial line-up	-13.5 ± 2.5 db				
Maintenance	Recorded value ± 5.0 db				
6	Patch the volt-ohmmeter to the RC jack using the W2EB cord and measure the relay current through the SIG REC relay.				
	<p>Requirement: 15.0 milliamperes dc</p> <p>Adjust the SENS potentiometer to obtain the required value.</p>				
7	Connect the E jack of the 2B set to the E _G jack of the test stand.				
8	At the distant terminal operate the TWD L key of the 2B set to ON HK and OFF HK and at the testing end observe the L lamp of the 2B set follows the operation of the key at the distant end.				
9	Remove all test connections and replace the channel unit in its terminal mounting.				
	<p>If the requirement in Step 3 cannot be met measure the oscillator output by connecting the VTVM between pin 5 of the V101 tube and ground. The measurement should be between +25.0 and +29.0 db. Replace V101 tube if the oscillator output is not met. If the requirement still cannot be met check to see that the SIG TRSG relay is operated.</p> <p>If the relay is operated and the requirement cannot be met check the resistance of the combining multiple.</p> <p>If the requirement of Step 5 cannot be met, check that the carrier output measurement at the distant end is within limits. If the requirement still is not met replace V103 tube.</p> <p>If the requirement of Step 6 cannot be met by adjustment of the SENS potentiometer, replace V103 and V102 tubes one at a time, also check to determine that the SIG TRSG relay is not operated.</p>				



PROGRAM REVERSING CHANNEL UNIT