

TMC SPECIFICATION

NO. S 888

REV: 0

COMPILED: B. NAP

CHECKED: RB

APPD RB RJC

SHEET COVER OF

TITLE:

Typed 12/23/64 by SS.

SBG-1X SYSTEM

TEST PROCEDURE

TMC SPECIFICATION

NO. S 888

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APPD *OB*

SHEET 1 OF 1

TITLE: SBG-1X SYSTEM TEST PROCEDURE

12/23/64 by SS.

I. PRELIMINARY

Secure copy of S-527 and follow preliminary instructions.

II. TEST EQUIPMENT REQUIRED

1. HP-200 Audio Generator or equivalent.
All other equipment in S-527.

III. TEST EQUIPMENT SETUP

1. Remove fanning strip from E-201 of the CBE. Proceed as outlined in S-527 thru VIII F.

IV. TMX CHECK

1. Remove TTG from CBE.
2. Connect fanning strip to CBE.
3. Connect the audio generator to the AI terminals of the audio input box. A single conductor shielded wire can be used for this purpose. Connect the shield to terminal 1 and 2 of the barrier strip. The insulated wire should be connected to terminal 3. For A2, connect the shield to terminals 5 and 6. The insulated wire connects to terminal 4. Use the same hookup for multiplexer B, connections.
4. Set output level control on multiplexer A to middle position and direct switch to ON, translated switch to OFF, output to LINE.
5. Set audio generator to 1 KC.
6. Set output of the audio generator to read 0 DB on the multiplexer A meter.
7. Set the CBE controls as follows:
 - a. Carrier Level - MIN
 - b. LSB - OFF
 - c. USB - CHANNEL 1
 - d. USB Gain - 0 DB
8. Read frequency on counter. It should read 1 KC above the carrier frequency used.
9. Remove the audio generator from the AI terminals and connect to the A2 terminals.
10. On the multiplexer A set the direct switch to OFF and the translated switch to ON.
11. Check the gain controls on the generator and CBE and set to the correct levels if necessary.
12. The frequency of the output should now read 5290 cps above the carrier frequency used.
13. To check multiplexer B, repeat the above procedures using Channel 2 of the CBE, and the B1 and B2 terminals of the audio input box.

DATE _____
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