

DATE 11-11-59
SH. 1 OF 2
COMPILED BY
P. Albis

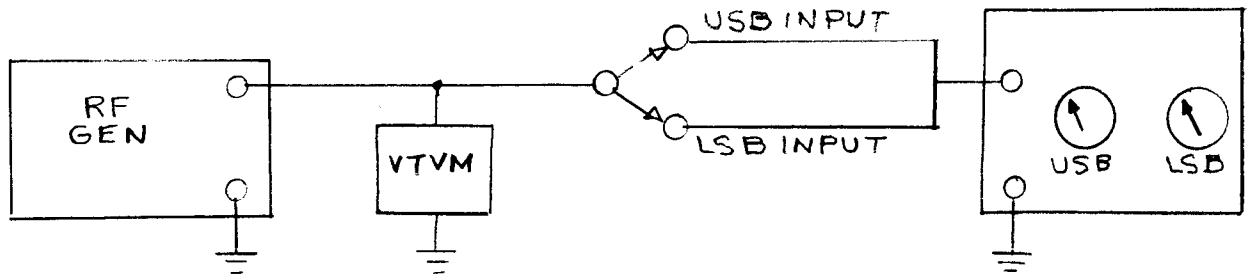
TMC SPECIFICATION NO. S 464

TITLE: TEST SPECIFICATION FOR MODEL SIM-2

JOB

APPROVED

1. Set up Procedure:



2. Set R.F. Generator at 250 Kc.
3. Hook R.F. Generator output into USB input jack.
4. Place VTVM across USB input terminals. (Daven voltmeter or Equivalent - High input impedance)
5. Set output to .01 volts maximum.
6. Adjust R407 to half resistance (approximately) so that the USB meter will indicate. Then tune L401 for maximum indication on the USB meter.
7. Turn R407 to maximum resistance. Needle on meter should peg the scale. Turn R407 to minimum resistance. Needle should read 0.
8. Adjust R407 to ODB indications on USB meter.
9. For LSB calibration, R.F. output generator is placed into LSB input jack. R414 is now adjusted. L402 is now tuned. Repeat steps 1 to 8.

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1. GENERAL INSPECTION:

- A. Check all leads for possible shorts and open connections.
- B. Check to see that fuses are in proper electrical circuits.
- C. Check all components for mechanical fitness.

2. ELECTRICAL AND MECHANICAL INSPECTION:

- A. Electrical Inspection _____ .
- B. Mechanical Inspection _____ .

3. SHORT CIRCUIT TEST:

- A. No power input required.
- B. Place ohmmeter from pin 1 & pin 6 (V401) to ground.
- C. Place ohmmeter from pin 1 & pin 6 (V400) to ground.
- D. V401 _____ open _____ short.
- E. V400 _____ open _____ short.

4. ALIGNMENT TEST:

- A. USB - Minimum of ± 7 Kc.

- 1. 1 db _____ + Kc.
- 2. 1 db _____ - Kc.
- 3. Total Bandwidth _____ Kc.

- 5. A. LSB - Minimum of ± 7 Kc.
Maximum of ± 15 Kc.

- 1. 1 db _____ + Kc.
- 2. 1 db _____ - Kc.
- 3. Total bandwidth _____ Kc.

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TESTED BY _____

APPROVED BY _____