

DATE January 17, 1963

SHEET 1 OF 3

TMC SPECIFICATION NO. S-701

B

NP
COMPILED

N.P.
CHECKED

TITLE:

APPROVED

BP

TER-500-600 TEST PROCEDURE

DATE

SHEET 2 OF 3

TMC SPECIFICATION NO. S - 701

B

COMPILED

CHECKED

TITLE: TER-500-600 TEST PROCEDURE

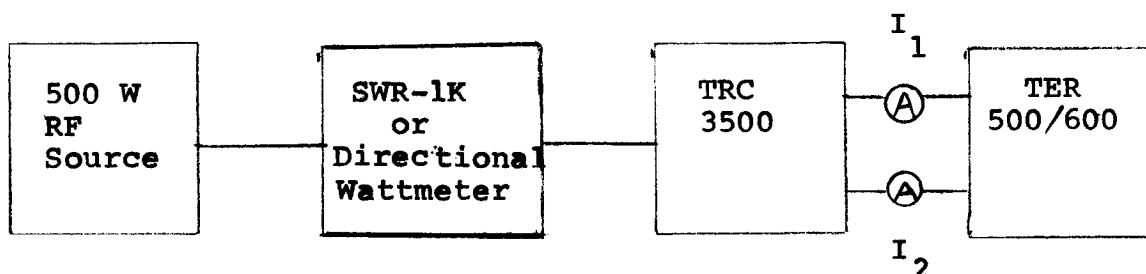
APPROVED

A. TEST EQUIPMENT REQUIRED

1. VOM, Simpson Mo. 260 or equivalent.
2. PAL-1K Transmitter or equivalent. Capable of at least 500 watts
3. SWR-1K or equivalent.
4. TRC-3500 or equivalent.
5. Two RF Ammeters (0-5A)

B. PRELIMINARY

1. Check all mechanical connections to see that they are secure.
2. Check the spacing of the spark gap. This should be set for $\frac{1}{4}$ inch.
3. Connect VOM between the two bowl terminals. The resistance should be 600 ohm \pm 10%. Connect VOM between each bowl terminal and ground. The resistance should be 300 ohm \pm 10%.
4. Connect TER unit as per Fig. 1. Check at 2, 14, and 28 mc approximately 10 minutes each, with not more than 500W on the SWR-1K meter or equivalent.
5. I_1 and I_2 must indicate .92 each.

Fig. 1

DATE _____		TMC SPECIFICATION NO. S-701	B
SHEET <u>3</u> OF <u>3</u>			
COMPILED	CHECKED	TITLE: TER-500-600 TEST PROCEDURE	
APPROVED			

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, N.Y.

TER-500-600 TEST DATA SHEET

SERIAL NO. _____

MFG. NO. _____

Mechanical Connections _____ OK

Resistance Check:

- a) bowl to bowl 600 ohm \pm 10% _____ Ω
- b) bowl to ground 300 ohm \pm 10% _____ Ω

Power Test:

I₁ _____ A

I₂ _____ A

DATE _____

TESTER _____

