SPPO

	TMC SPECIF	CATION		NO. S-880	
REV: D					
COMPILED: LB	CHECKED:	APPD:	28 BH	SHEET 1 OF	3
TITLE:			da		
Typed by m	tp 11/23/64				

TEST PROCEDURE

for

TER-3500-50U

TMC FORM SPEC 1

				TN	1C	SPE	CIF	FIC	ATI	ON				NO. S8	80			
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COMPIL	.ED:	I	ĽΒ	-	CHE	CKED:	Z	AL.		API	PD:	0	25	SHEET	2	OF	3	
TITLE	T	EST	PRO	CEDUR	E FOR	R TER-	-3500	<b>-</b> 50U										
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## A. Test Equipment Required

1. GPT-10K with facilities to measure forward and reflected power.

## B. Mechanical Inspection

- 1. Check all mechanical and electrical connections for loose assembly.
- 2. Visually check the two glass resistors for scratches and imperfections.
- 3. Check the spark gap spacing. This must be set for 1/8 inch.

## C. Electrical Test

- 1. Connect TER to transmitter output.
- 2. Referring to Test Data Sheet, check all frequencies indicated at 1800 watts average power. Record information required on Test Data Sheet.
  - 3. Referring to Print GP169, calculate and record SWR at tested frequencies.
- 4. Remove power from transmitters; disconnect load and resistors. Visually inspect for damage.
- 5. The TER is acceptable if the SWR is below 2:1, and all the above checks are OK.

E: TEST PROCEDURE FOR TER-3500-50U  Typed by mtp 11/23/64  THE TECHNICAL MATERIEL CORP. TOO FENIMORE RD. MAMARONECK, N.Y.  TEST DATA SHEET  SERIAL NO.:  Electro/Mechanical Inspection OK  Spark Gap OK  Frequency response & power test (3 minutes)*  FMC Forward Watts Reflected Watts SWR(a) 28 20 * 2  (a) Refer to GP169  DATE:  TESTER:		TM	CS	PE(	IFI	CA	TIC	NC						NO	o. s_	880		
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Typed by mtp 11/23/64  THE TECHNICAL MATERIEL CORP. 700 FENIMORE RD. MAMARONECK, N.Y.  TEST DATA SHEET  SERIAL NO.:  Electro/Mechanical Inspection OK Spark Gap OK Frequency response & power test (3 minutes)*  FMC Forward Watts Reflected Watts SWR(a)  28  20  * 2  (a) Refer to GP169	PILED: LB		CHECK	(ED: g	15			APP	D: (	2	8	<u> </u>		SH	EET	3	 OF	
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TMC FORM SPEC

1M-8-64-AINS.

REVISION		SHEET		THE TECHNICAL MATERIEL CORP. MAMARONECK NEW YORK	S-880				
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