

TMC SPECIFICATION

NO. s 1012

REV: *0*

COMPILED:

LB

CHECKED: *WMA*

APPD: *WMA*

SHEET 1

OF 3

TITLE:

Typed by mtp 9/10/65

HVRB-2 SOLID STATE RECTIFIER

for

GPT-40K TRANSMITTER

TMC SPECIFICATION

NO. S 1012

REV: 

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SHEET 2 OF 3

TITLE: HVRB-2 SOLID STATE RECTIFIER FOR GPT-40K TRANSMITTER

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A. INTRODUCTION

The HVRB-2 was developed to directly replace the standard mercury vapor type rectifier supply furnished with conventional TMC GPT-40K Transmitters.

The advantages are reduction in weight, heat and long life from this type of rectifier.

B. PRELIMINARY

Check unit for obvious wiring errors, poor solder connections, etc.

C. TEST EQUIPMENT REQUIRED

GPT-40K Transmitter with dummy load.

D. PROCEDURE

1. Install the HVRB-2 Solid State Rectifier in the GPT-40K Transmitter.
 2. Turn "ON" Main Power Breaker of the Transmitter.
 - ** 3. Turn on high voltage breaker. Voltage as read on PA Plate Voltmeter should be 11.5 KV +10% under no drive condition.
 - ** 4. Under full output, indicated, single tone, voltage should not vary more than +10%.
 5. Fill out Test Data Sheet. This completes test procedure for HVRB-2.
- ** Indicate completion and acceptance of portion(s) of this test preceded by (*) by recording required observed value, or by check (✓) mark as required on Test Data Sheet.

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TEST DATA SHEET

MFG. NO.: _____

SER. NO.: _____

B. PRELIMINARY INSPECTION

_____ OK

D. PROCEDURE

3. _____ Volts +10%

4. _____ Volts +10%

TESTED BY: _____

DATE: _____

APPROVED: _____

REMARKS:

