

TMC SPECIFICATION

NO. S 1075

REV: *0*

COMPILED: A.D.

CHECKED:

APPD: *[Signature]*

SHEET 1 OF 4

TITLE:

Typed by mtp 3/1/66

TEST SPECIFICATION

for

HFD-1S

TMC SPECIFICATION

NO. S 1075

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SHEET 2 OF

TITLE: TEST SPECIFICATION FOR HFD-1S

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I. EQUIPMENT REQUIRED

1. RF Signal Generator.
2. RF VTVM - Ballantine 314.

II. PROCEDURE

1. Using an UG273/U UHF to BNC adapter, place a DL-100-4 50-ohm termination on each of the four HFD outputs.
2. Connect the signal generator to the HFD input through a 2K ohm resistor. Ground side of generator to HFD chassis.
3. Connect the VTVM to Pin A on the TR-137 potted transformer inside the HFD chassis.
4. Set the generator to 2 mc and the output for .01V on the Ballantine.
 - a. The generator output should be no higher than .4V to obtain the above reading.
5. Connect the Ballantine to the #1 output. Connect the meter to the connector on the inside of the chassis as the DL-100-4's must still be connected.
 - a. The voltage should be a minimum of .004.
6. Repeat Step 5 for the other three outputs.
7. The ratio of the lowest output voltage to the higher output voltage should be no greater than 1.12.
8. Repeat Steps 1 through 7 at 4 mc and 6 mc.
9. Record all readings on the Test Data Sheet.

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TITLE: TEST SPECIFICATION FOR HFD-1S

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THE TECHNICAL MATERIEL CORP.

MAMARONECK, N.Y.

TEST DATA SHEET - HFD-1S

SERIAL NO.: _____

MFG. NO.: _____

FREQ.	VOLTAGE AT PIN A OF TR-137	VOLTAGE AT OUTPUT #1	VOLTAGE AT OUTPUT #2	VOLTAGE AT OUTPUT #3	VOLTAGE AT OUTPUT #4
2 MC					
4 MC					
6 MC					

DATE: _____

TESTER: _____

