

DATE 6-26-59

SH. 1 OF 2

COMPILED BY

P.A.

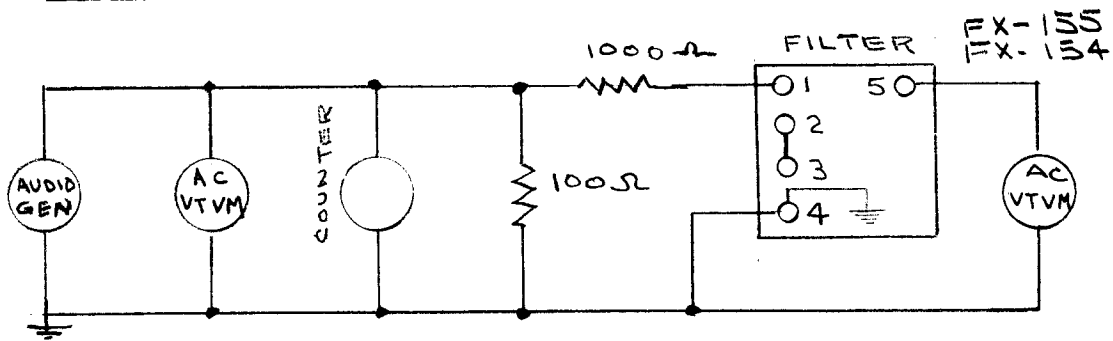
TMC SPECIFICATION NO. S-442

TITLE: TEST PROCEDURE FOR FX-154 and FX-155

JOB

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*OMP*A. SCHEMATICB. EQUIPMENT:

1. One Berkeley Counter; Model 5500
2. One Audio Oscillator; Model 200 CD, Hewlett Packard
3. One AC Voltmeter; Type No. 170; the Daven Company
4. One Audio VTVM; Model AV-3; the Heath Company
5. One 100Ω resistor 1/2 watt
6. One 1000Ω resistor 1/2 watt
7. One FX-155 (Filter)
8. One FX-154 (Filter)

C. PROCEDURE:

1. Connect equipment as shown. Pin #4 grounded to case.
2. Refer to filter specifications FX-154 and FX-155 (obtain drawings.)
3. Set input voltage to 1.0 volts
4. Tune Audio generator for maximum output voltage.
5. Use output meter as a DB indicator.
6. Once the input voltage is established, do not change it. Input voltage must not change within 10% of input voltage.

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amp

D. BANDPASS:

1. Set generator to 3 DB points and indicate the frequency on the chart below.
2. Output must be flat within bandpass range.

FX-154

F	db
	-3
	-3

FX-155

F	db
	-3
	-3

E. BAND REJECTION:

1. Set generator so that output meter indicates -50 DB and indicate frequencies on chart below.

FX-154

F	db
	-50
	-50

FX-155

F	db
	-50
	-50

F. INSERTION LOSS:

1. Tune generator for maximum output.
2. The output voltage should be no less than .31 volts. Indicate on chart below.

	INPUT VOLTS	OUTPUT VOLTS
FX-154	1	
FX-155	1	

TMC SPECIFICATION

NO.

REV:

COMPILED:

CHECKED:

APPD:

SHEET

OF

TITLE:

THE TECHNICAL MATERIEL CORPORATION
700 FENIMORE ROAD
MAMARONECK, NEW YORK 10543

TEST DATA FOR FX _____

1. BANDPASS

FREQUENCY	db
	-3
	-3

2. BAND REJECTION

FREQUENCY	db
	-50
	-50

3. INSERTION LOSS

INPUT VOLTS	OUTPUT VOLTS
1.0	
1.0	

MFG# _____

TESTER _____

DATE _____

