DATE 4-19-60
SH. ____ OF ____
COMPILED BY
T. G.

TMC SPECIFICATION NO. S 482 A

TITLE: FX158

JOB

APPROVED EG

FIGURE 2 OBSOLETE : SEE LATEST FX-158 DWG. (EMN 10337)

FX-158	Average db	Filter Under Test db	A = Accept R = Reject
1. 240,000 cps	0		
2. 242,500 cps	0		
3. 243,000 cps	0		
4. *249,000 cps	0		
5. 249,700 cps	0		
6. 250,000 cps	-22		
7. 250,300 cps	-47		
8. 251,000 cps	-51		
9. 257,000 cps	-60		
10. 257,500 cps	-60		
11. 260,000 cps	-60		

* Reference Point

DATE _____ DATE ON FILTER _____

TESTER _____ FX _____

SUPERVISOR _____ SERIAL # _____

FORM — 100

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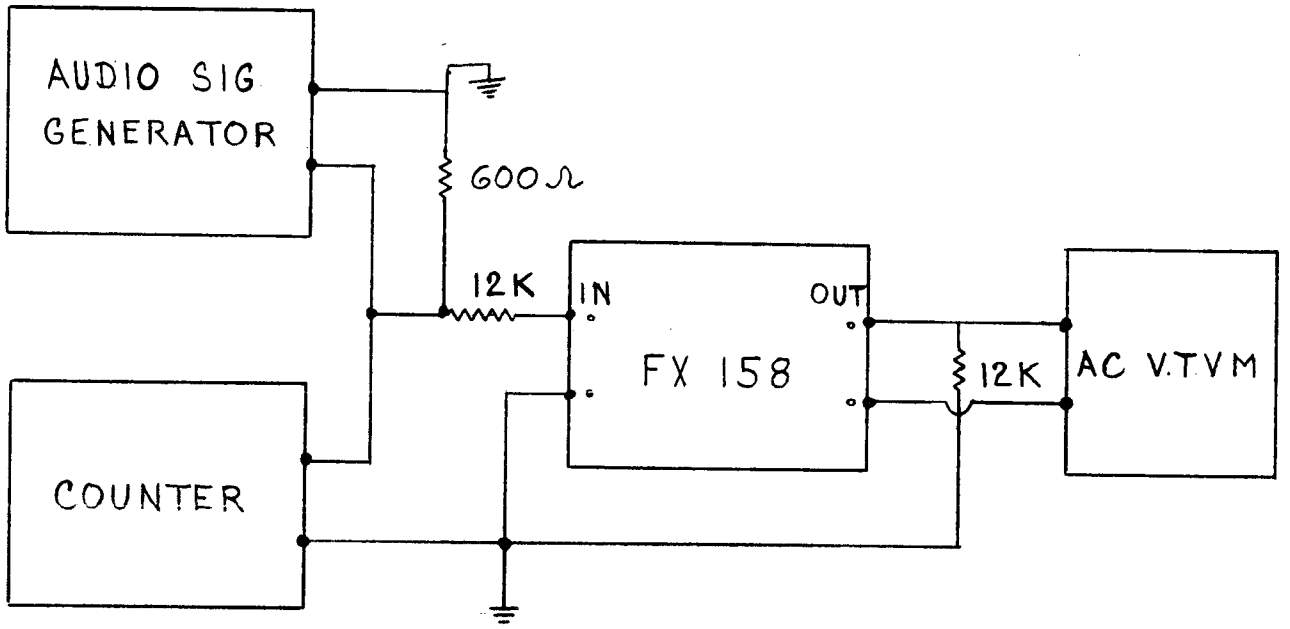

FIG 1

All Grounds The Same Point

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6. If the filter attenuation is more than - 1 db in the frequency range of

249,700 cps To 240,000 cps

Not less than -60 db @ 257,000 cps To 260,000

Should the readings differ, than the filter has to be rejected.

DATE 4-19-60 SH. ____ OF ____ COMPILED BY T. G.	TMC SPECIFICATION NO. S 482	
APPROVED	TITLE: Production Testing Of Crystal Filter FX-158 Lower Sideband	JOB

Test Specification For Crystal Filter #FX-158 Lower Sideband

Purpose:

Determination of proper operation of unit, elimination of defective assemblies.

Test Equipment Required:

1. Counter (capable of counting 250.000 cps)
2. Audio signal generator (H.P. 200 or EQIV)
3. V.T. V.M. AC type (Ballantine model 861)
4. 2 12K ohm resistors 1/2 watt.
5. 1 600 ohm resistor 1/2 watt.
6. FX-158
7. Obtain drawing of FX-158

Test Procedure:

1. Connect equipment to filter to be tested as shown (Fig. 1)
2. Set audio generator to 249 KC cps.
3. At this frequency set up your reference point.
4. This reference is obtained by having 1 volt output on the 1 V scale.
5. Using the output meter as a db indicator, make a note of how many db down from your reference the signal is. (SEE FIG. 2)

REVISION SHEET

THE TECHNICAL MATERIEL CORP.
MAMARONECK NEW YORK

S-482
LIST NO.

DATE	REV.	SHEET	EMN #	DESCRIPTION	APP.
11/4/63	A	TITLE	10337	Revised TITLE Sheet per EMN.	