

DATE 1/2/57  
SH. 1 OF 4

TMC SPECIFICATION NO. S-329

COMPILED BY  
O. I. P.

TITLE: PRODUCTION TESTING OF THE MODEL TRF

JOB

APPROVED

*MOO* *AJJ*

COMPLETE INSTRUCTIONS  
FOR THE  
PRODUCTION TESTING  
OF THE  
MODEL TRF

DATE 4/2/57  
SH. 2 OF 4  
COMPILED BY  
O. I. P.

# TMC SPECIFICATION NO. S-329

TITLE: PRODUCTION TESTING OF THE MODEL TRF

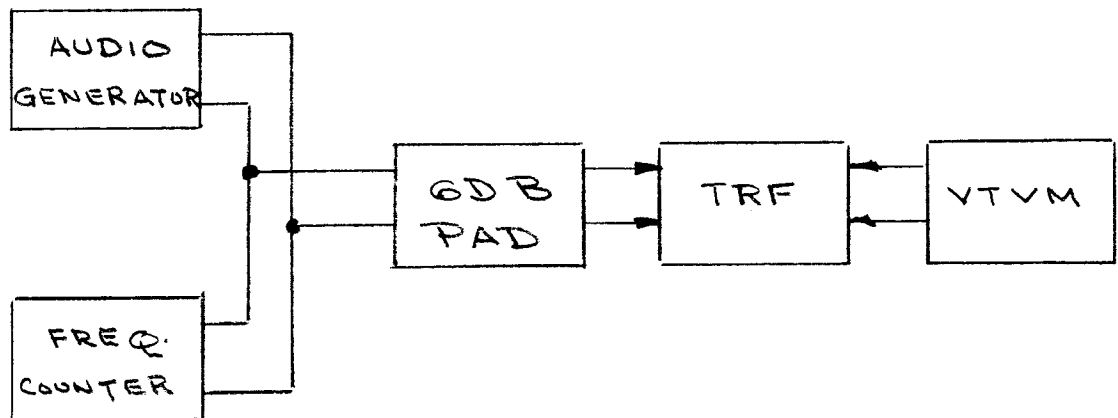
JOB

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*[Signature]* AJJ

## 1. TEST EQUIPMENT REQUIRED

- a). Audio signal generator, Heathkit Model or equivalent.
- b). AC VTVM, Heathkit Model AV-2 or equivalent.
- c). Frequency counter, Berkeley 5500 or equivalent.
- d). 6 db pad



## 2. TEST INSTRUCTIONS

- a). Inspect the unit for mechanical imperfections and for proper placement of filters.
- b). Inspect the unit for obvious electrical errors. Be sure that the leads at the phone jacks are connected to their "Hot" terminals.
- c). Connect signal generator to the terminals 1 and 4 of E601 using a 6 db pad.
- d). Set R601, 602, 603, and 604 to fully clockwise position.
- e). Connect VTVM across terminals of E603 in accordance with the chart on the following page.

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 SH. 3 OF 4

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*WOP AJJ*

MODEL #	CONNECT TO TERMINALS	BANDPASS FLAT WITHIN 3 DB IN CPS	BAND REJECT THE OUTPUT MUST BE DOWN AT LEAST 36 db.
TRF-A	1 and 2	375 - 475	265 - 585
	3 and 4	545 - 645	435 - 755
	5 and 6	715 - 815	605 - 925
	7 and 8	885 - 985	765 - 1105
TRF-B	1 and 2	1055 - 1155	935 - 1275
	3 and 4	1225 - 1325	1105 - 1445
	5 and 6	1395 - 1495	1275 - 1615
	7 and 8	1565 - 1665	1445 - 1785
TRF-C	1 and 2	1735 - 1835	1615 - 1955
	3 and 4	1905 - 2005	1785 - 2125
	5 and 6	2075 - 2175	1955 - 2295
	7 and 8	2245 - 2345	2125 - 2465
TRF-D	1 and 2	2415 - 2515	2295 - 2635
	3 and 4	2585 - 2685	2465 - 2805
	5 and 6	2755 - 2855	2635 - 2975
	7 and 8	2925 - 3025	2805 - 3145
TRF-E	1 and 2	470 - 720	
	3 and 4	810 - 1060	
	5 and 6	1150 - 1400	
	7 and 8	1490 - 1740	
TRF-F	1 and 2	1830 - 2080	
	3 and 4	2170 - 2420	
	5 and 6	2510 - 2760	
	7 and 8	2850 - 3100	
TRF-G	1 and 2	725 - 1145	
	3 and 4	1235 - 1655	
	5 and 6	1745 - 2165	
	7 and 8	2255 - 2675	

Units which meet the specifications above must be placed in its final form with cover plates on etc. and prepared for shipment. One copy of each Report Sheet must accompany the Model TRF.

DATE 4/4/57  
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APPROVED *[Signature]* ATT

SAMPLE  
 TEST REPORT SHEET  
 FOR THE  
 MODEL  
 (CIRCLE MODEL #)

TTF-A    TTF-B    TTF-C    TTF-D    TTF-E    TTF-F    TTF-G  
 TRF-A    TRF-B    TRF-C    TRF-D    TRF-E    TRF-F    TRF-G

					<u>ACCEPT</u>	<u>REJECT</u>
TEST	I	MECHANICAL INSPECTION			_____	_____
TEST	II	PROPER PLACEMENT OF FILTERS			_____	_____
TEST	III	BANDPASS AND SKIRT WITH:				
		CHANNEL I			_____	_____
		CHANNEL II			_____	_____
		CHANNEL III			_____	_____
		CHANNEL IV			_____	_____

ACCEPTED \_\_\_\_\_ DATE \_\_\_\_\_

TESTED BY \_\_\_\_\_ SERIAL NO. \_\_\_\_\_