

DATE 4/2/57
SH. 1 OF 4
COMPILED BY
O. I. P.

TMC SPECIFICATION NO. S-328

TITLE: PRODUCTION TESTING OF THE MODEL TTF

JOB

APPROVED [Signature]

COMPLETE INSTRUCTIONS
FOR THE
PRODUCTION TESTING
OF THE
MODEL TTF

DATE 4/2/57
SH. 2 OF 6
COMPILED BY
O. I. P.

TMC SPECIFICATION NO. S-328

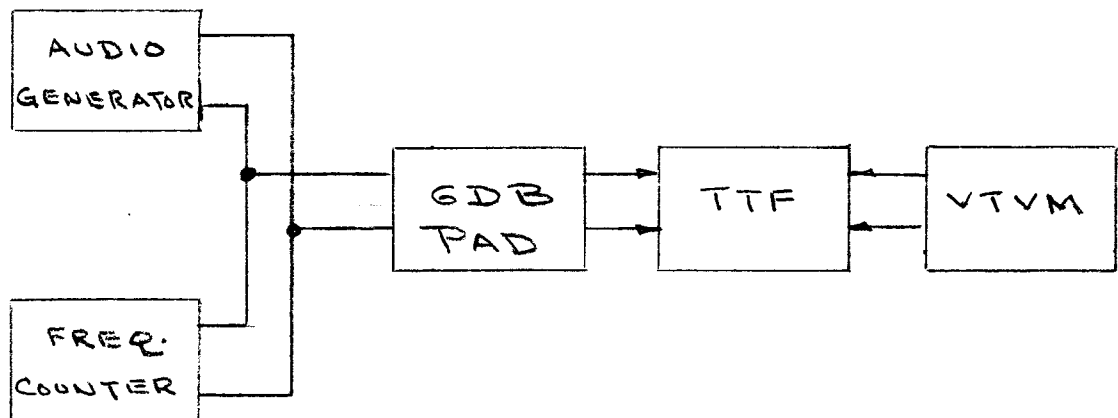
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1. TEST EQUIPMENT REQUIRED

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



2. TEST INSTRUCTIONS

- a). Inspect the unit for mechanical imperfections and for proper placement of filters.
- b). Visually inspect connection E302.
- c). Inspect the unit for obvious wiring errors. Be sure that the leads at the phone jacks are connected to their "Hot" terminals.
- d). Connect VTVM with 680 ohm load across terminal 1 and 4 at E301.
- e). Connect signal generator to the terminals of E303 using 6 db pad in accordance with the chart on the following page.

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[Handwritten signatures]

MODEL #	CONNECT TO TERMINALS	BANDPASS FLAT WITHIN 3 DB IN CPS	BAND REJECT THE OUTPUT MUST BE DOWN AT LEAST 20 db.
TTF-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
TTF-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
TTF-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
TTF-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
TTF-E	1 and 2	470 - 720	
	3 and 4	810 - 1060	
	5 and 6	1150 - 1400	
	7 and 8	1490 - 1740	
TTF-F	1 and 2	1830 - 2080	
	3 and 4	2170 - 2420	
	5 and 6	2510 - 2760	
	7 and 8	2850 - 3100	
TTF-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 a h Report Sheet must accompany the Model TTF.

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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. _____