DATE Sept. 15/55
SH. 1 OF 3
COMPILED BY

TMC   SPECIFICATION NO. S-10017

APPROVED

TITLE: PRE-TESTING OF AMC 6-2   JOB 4

1. A representative electrical test should be carried out on all
    AMC 6 units prior to taking measurements indicated on the T.M.C.
    test sheets.

2. The test consists of a point to point gain measurement to show
    quickly the location of circuit faults. The check points ar
    given in Table 5-2.

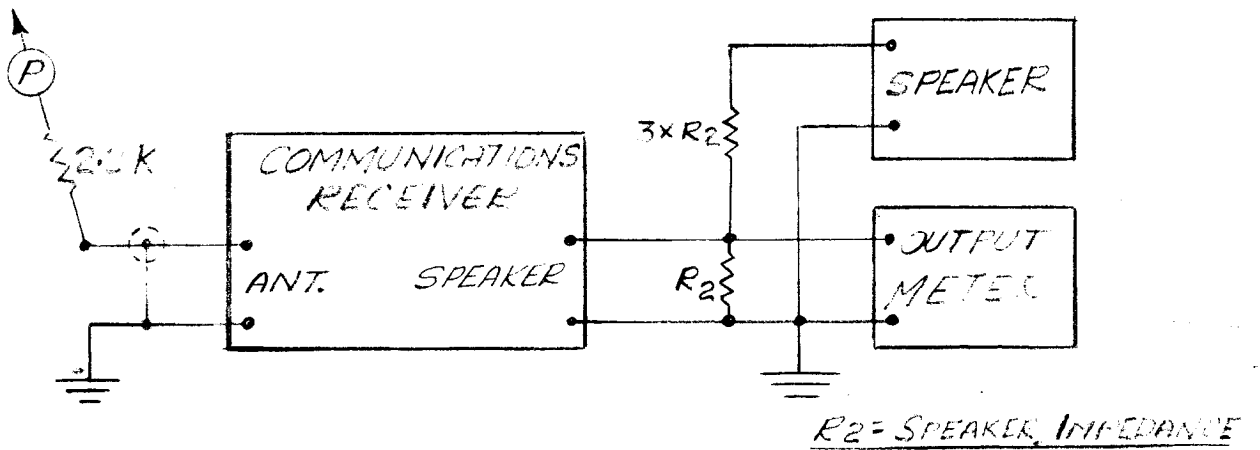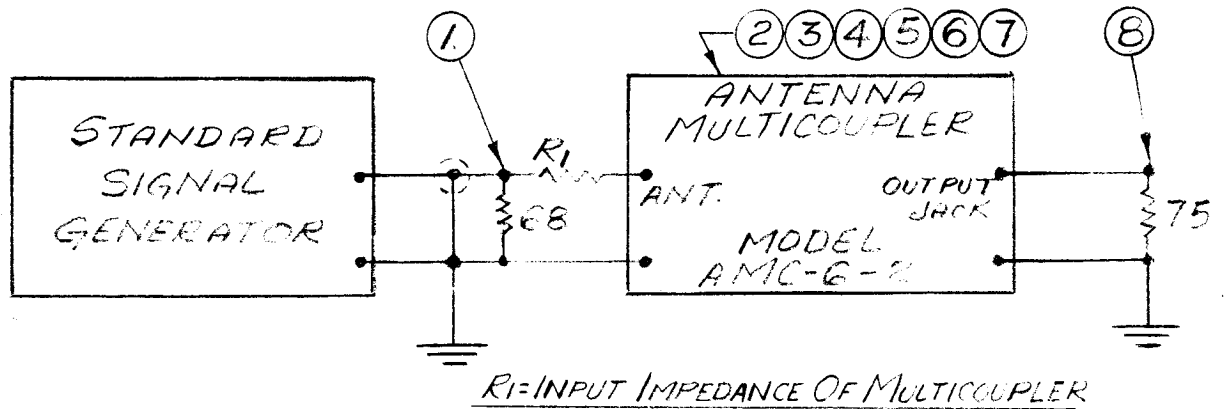3. Test set up for these measurements is shown in Fig. 5-1.

R_1 = INPUT IMPEDANCE OF MULTICOUPLER

R_2 = SPEAKER IMPEDANCE

fig. 5-1.

DATE Sept. 15/55		
SH. 2 OF 3		
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TMC   SPECIFICATION NO. S-10017

TITLE: JOB 4

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TABLE 5-2 GAIN TEST POINTS		
TEST POINT	LOCATION	SIGNAL GENERATOR ATTENUATOR SETTING - uv
1	Input - High Side of 68 Resistor	60*
2	Primary of T101 - Pin No. 1	120*
3	Secondary of T101 - Pin No. 3	100
4	Grid of V101 - Mid Point LA, LB	120
5	Plate Load V101 - Mid Point LG, LH	65
6	Grid of V102 - Pin No. 1	36
7	Grid of Output Tube - V103 to V108	45
8	Output - High side of 75 Resistor connected to jacks J102 to J107	80

NOTE: 1) Attenuator settings in table are for AMC 6-2/200U.

2) S101 is in filter "in" position.

3) Test frequency is 15 mc/s.

4) * Use 120 & 220 in place of 60 & 120 for AMC 6-2/75U tests.

4. Ratios between the readings in Table 5-2 are idicative of circuit or tube performance.

5. The representative test is to be taken at one frequency to keep testing time down to a few minutes. From the representative test the order of carrying out the rest of the electrical tests should be in the arrangement given in the TMC test sheets.

6. A simple record of the test should be kept on the test sheet given on page 3 of 3, Job 4.

DATE **SEPT 15/55**
SH. **3** OF **3**
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TMC   SPECIFICATION NO. S-*10017*

TITLE: PRE-TESTING OF AMC·6·2   JOB **4**

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NOTE — RECORD POINT 7 FOR V107 ONLY. RECORD TEST POINT 8 FOR EACH OUTPUT, USING TEST POINTS 1-6 FOR RECORDING READINGS	TEST POINT								SERIAL No.
	8	7	6	5	4	3	2	—	
	USE NEXT COLUMN								
	/////	/////							
	/////	/////							
	/////	/////							
	/////	/////							
	/////	/////							
	/////	/////							

JACK 1-6