

|                             |                          |                             |   |
|-----------------------------|--------------------------|-----------------------------|---|
| DATE                        | 5/20/62                  | TMC SPECIFICATION NO. S 688 | A |
| SHEET                       | 1 OF 4                   |                             |   |
| N?P.<br>COMPILED            | <i>C.N.P.</i><br>CHECKED | TITLE: RAC-1 TEST PROCEDURE |   |
| APPROVED <i>[Signature]</i> |                          |                             |   |

**SUPERSEDED**  
**REPLACED BY**  
S-133 & S-730



RAC-1 TEST PROCEDURE

|                             |                                |                             |
|-----------------------------|--------------------------------|-----------------------------|
| A                           | TMC SPECIFICATION NO. 2<br>888 | DATE: 6/20/52               |
|                             |                                | SHEET 2 OF 4                |
| TITLE: RAC-1 TEST PROCEDURE |                                | CHECKED: <i>[Signature]</i> |
|                             |                                | COMPILED: N.P.              |
|                             |                                | APPROVED                    |

TEST EQUIPMENT REQUIRED

- 1 \_\_\_\_\_ RF VTVM Hewlett Packard Model 410B (or equivalent)
- 1 \_\_\_\_\_ RF generator Measurements Corporation Model 65B (or equivalent).
- 2 \_\_\_\_\_ 100 ohm  $\frac{1}{2}$  watt resistors.
- 2 \_\_\_\_\_ 350 ohm resistors.
- 1 \_\_\_\_\_ 68 ohm  $\frac{1}{2}$  watt resistor.

on test data sheet.  
 Connect equipment as shown on sheet two. Record readings

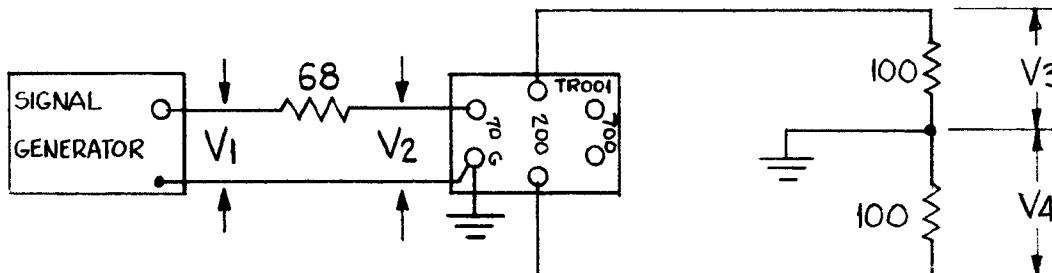
N.P.  
COMPILED

*N.P.*  
CHECKED

TITLE: **RAG-1 TEST PROCEDURE**

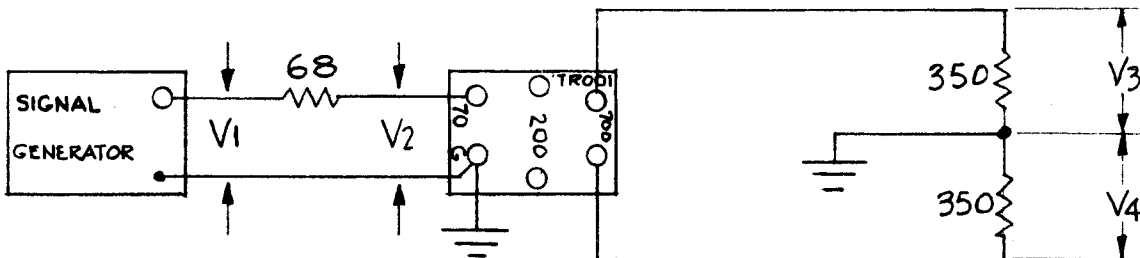
APPROVED

USING A 200 OHM LOAD



| FREQUENCY | RF VOLTS |     |     |     |
|-----------|----------|-----|-----|-----|
| MC        | V1       | V2  | V3  | V4  |
| 2         | 1.0      | .45 | .34 | .34 |
| 8         | 1.0      | .49 | .39 | .40 |
| 32        | 1.0      | .55 | .45 | .48 |

USING A 700 OHM LOAD



| FREQUENCY | RF VOLTS |     |     |     |
|-----------|----------|-----|-----|-----|
| MC        | V1       | V2  | V3  | V4  |
| 2         | 1.0      | .46 | .59 | .60 |
| 8         | 1.0      | .50 | .70 | .70 |
| 32        | 1.0      | .53 | .73 | .82 |

BASED ON POTTED UNIT, TOLERANCE  $\pm 10\%$ .

|                            |                                    |     |   |
|----------------------------|------------------------------------|-----|---|
| DATE <u>6/20/62</u>        | <b>TMC SPECIFICATION NO. S</b>     | 688 | A |
| SHEET <u>4</u> OF <u>4</u> |                                    |     |   |
| N.P. COMPILED              | TITLE: <u>RAC-1 TEST PROCEDURE</u> |     |   |
| APPROVED                   |                                    |     |   |

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, N. Y.

RAC-1 TEST DATA SHEET

SERIAL NO. \_\_\_\_\_

MFG. NO. \_\_\_\_\_

200 OHM TERMINALS

| FREQUENCY | RF VOLTS |    |    |    |
|-----------|----------|----|----|----|
| MC        | V1       | V2 | V3 | V4 |
| 2         | 1.0      |    |    |    |
| 8         | 1.0      |    |    |    |
| 32        | 1.0      |    |    |    |

700 OHM TERMINALS

| FREQUENCY | RF VOLTS |    |    |    |
|-----------|----------|----|----|----|
| MC        | V1       | V2 | V3 | V4 |
| 2         | 1.0      |    |    |    |
| 8         | 1.0      |    |    |    |
| 32        | 1.0      |    |    |    |

DATE \_\_\_\_\_

TESTER \_\_\_\_\_

