

DATE 5-3-56  
SH. 1 OF 1  
COMPILED BY

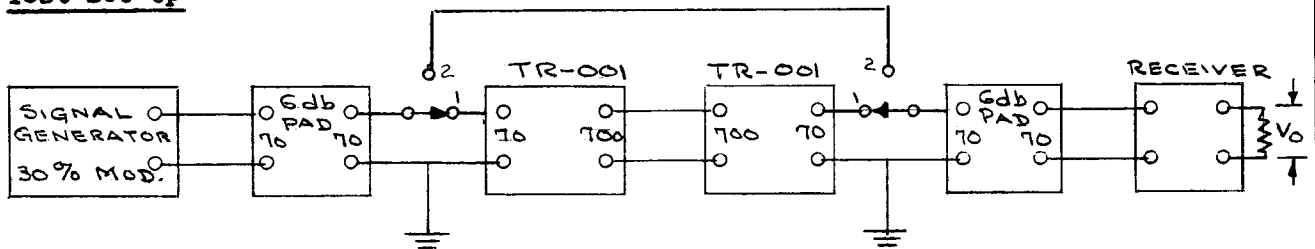
# TMC SPECIFICATION NO. S-291

TITLE: INSERTION LOSS TR-001

JOB

APPROVED ARP

## Test Set Up



a) Position 1

Set signal generator level  $V_1$  for convenient receiver output ( $V_0$ ) below overload point and well above noise.

b) Position 2

Without disturbing receiver controls, remove the two TR-001 transformers and connect 6 db pads together. Adjust signal generator output for reference receiver output level ( $V_0$ ) indicated as  $V_2$ .

c) Insertion loss each transformer (since each unit is identical).

$$I.L. = 20 \log \frac{V_2}{V_1}$$

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