

## SALES SERVICE BULLETIN NUMBER 230 A

Two Tone Generator, Model TTG-2  
O-579()/URT Generator, Signal



TMC Model TTG (O-579()/URT) is a two-tone generator designed to be used with distortion analyzing equipment in the testing of single sideband exciters and transmitters.

The TTG is unique for two important reasons:

1. The spacing of the two audio tones is such that the third, fifth and seventh order products may be presented.
2. Two RF tones are generated for the specific purpose of checking the proper operation of spectrum analyzing equipment.

The TTG is supplied with the necessary cables and connectors for quick installation. All controls are on the front panel with AF and RF output on the rear apron.

### TECHNICAL SPECIFICATIONS:

#### AUDIO FREQUENCY OSCILLATOR

**OUTPUT FREQUENCIES:** 935 cps  
2805 cps  
Either or both selectable from the front panel

**HARMONIC DISTORTION:** More than 65 db down

**INTERMODULATION DISTORTION:** More than 55 db down

**OUTPUT IMPEDANCE:** 600 ohms unbalanced or balanced

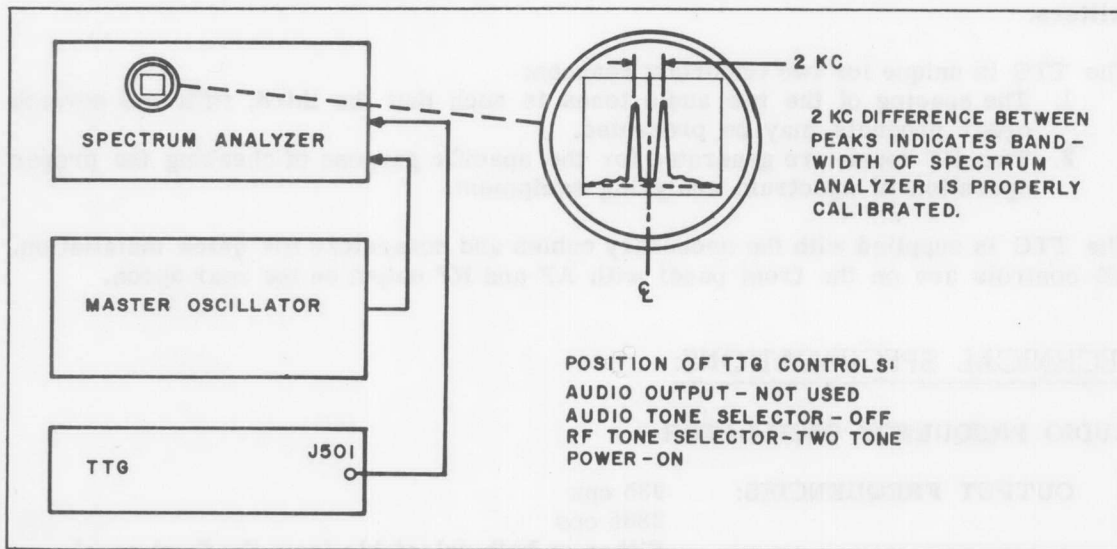
**OUTPUT LEVEL:** 0 to 0.5 volts continuously variable from front panel.

**OUTPUT CONNECTION:** Barrier Terminal Strip

## RADIO FREQUENCY OSCILLATOR:

OUTPUT FREQUENCIES:	1999 kc crystal controlled 2001 kc crystal controlled Either or both selectable from the front panel
DISTORTION:	More than 60 db down
OUTPUT IMPEDANCE:	70 ohms unbalanced
OUTPUT LEVEL:	1.0 volt
OUTPUT CONNECTOR:	BNC
CONTROLS:	Power Switch AF Tone Selector RF Tone Selector Audio Output Control
PRIMARY POWER:	115/230 volts, 50/60 cps, approximately 35 watts.
SIZE:	19" W x 5-1/4" H x 13-1/2" D.
SHIPPING WEIGHT:	50 lbs.
COMPONENTS AND CONSTRUCTION:	Equipment manufactured in accordance with JAN/MIL specifications wherever practicable.

## TYPICAL INSTALLATION



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