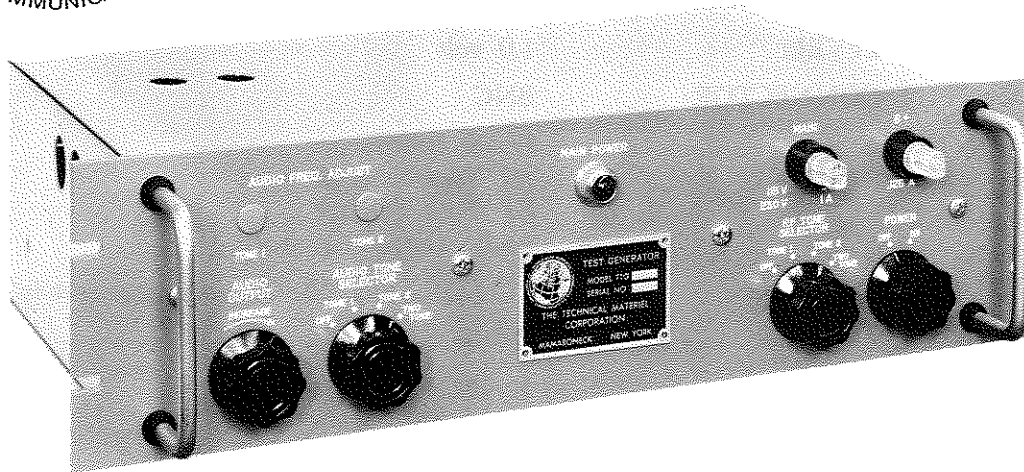
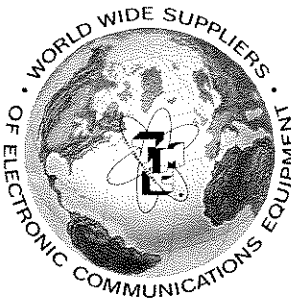


JUL 7 1965

TECHNICAL BULLETIN NUMBER 6002

Two Tone Generator  
Model TTG-2  
O-579A/URT



The Technical Materiel Corporation's Model TTG-2 (O-579A/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-2 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-2 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

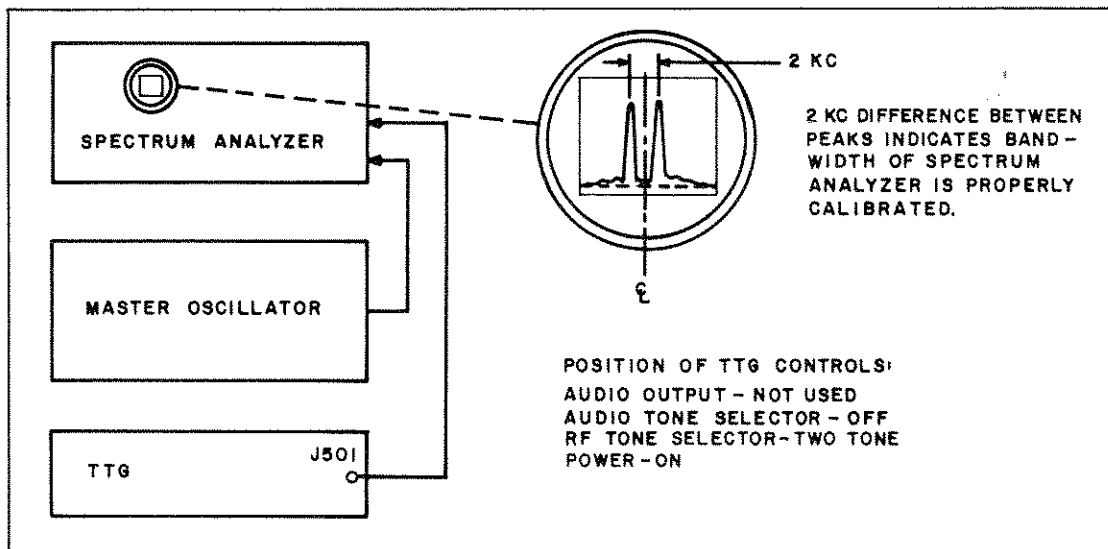
OUTPUT FREQUENCIES:	935 cps 2805 cps Either or both selectable from the front panel
HARMONIC DISTORTION:	More than 60 db down
INTERMODULATION DISTORTION:	More than 55 db down
OUTPUT IMPEDANCE:	600 ohms unbalanced
OUTPUT LEVEL:	0 to 0.5 volts continuously variable from front panel
OUTPUT CONNECTION:	Barrier Terminal Strip

## Two Tone Generator, Model TTG-2

### 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 5¼" H x 13½" D
SHIPPING WEIGHT:	50 lbs.
COMPONENTS AND CONSTRUCTION:	Equipment manufactured in accordance with JAN/MIL specifications wherever practicable.

### TYPICAL INSTALLATION



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