is measured between terminal and receiver chassis (negative).

All readings will depend (in varying degree) upon the resistance of the meter. Readings not marked with an asterisk are subject to a variation of plus or minus 15%.

\# Voltages and currents in this circuit are influenced by the setting of the tuning capacitor C-105, and by the radio frequency band in use. Measurement (if any) taken at 2500 kilocycles.

* Accurate measurement of voltage and/or current in this circuit cannot be made with an "analyzer" due to loading effects.

o This voltage measurement is made between terminal and B minus. Negative terminal of voltmeter to B minus.

5.3 Stage Gain Measurements

5.31 The sensitivity measurements listed below are made under the following conditions. The Equipment to be tested is set up in accordance with Par. 4.15 with the 1300 to 2800 kilocycle band in operation. A signal generator is connected in accordance with Par. 4.23, except that the high output lead is attached to the grid of the tube specified in the list below, and the test signal is 456 ± 2 Kc. modulated 30%, 400 cycles. Both R.F. GAIN and A.F. GAIN controls of the receiver must be fully advanced; the CONTROL SWITCH must be in the MVC position.

5.32 With 6 milliwatt output at the phone jack, the test signal should be within the limits specified below. The same data will apply with 480 milliwatt output at speaker terminals E-102.

TERMINAL	TEST SIGNAL
V-102 Grid	22 ± 8 Microvolts
V-104 Grid	750 ± 200 Microvolts
V-105 Grid	60,000 ± 15,000 Microvolts
V-107A Grid	Over 1. Volt