From QST, Oct, 1963, page 77

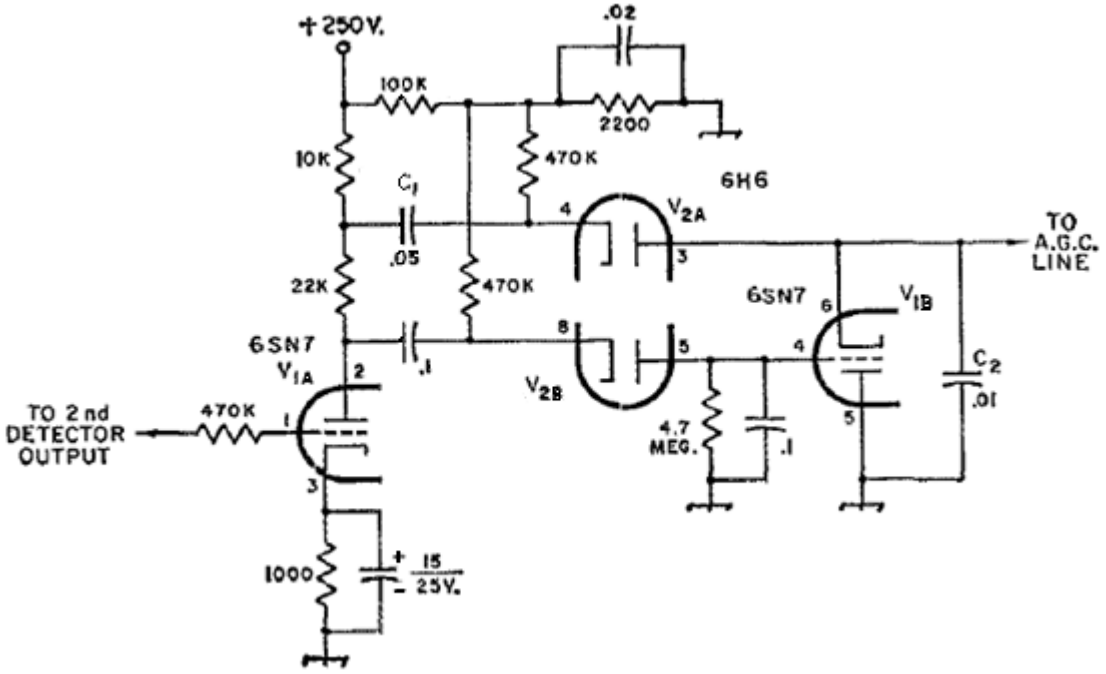

Figure 2 – K7UUC hang a.g.c. system. Capacitances are in microfarads, resistances are in ohms, resistors are ½ - watt.

HANG A.G.C.CIRCUIT

The circuit shown in Fig. 2 is a modification of the audio-hang system described by W0BFL, QST, October 1957, and has helped to give a new lease on life to my 17-year-old HQ-129-X receiver.

A comparison of the circuit in Fig. 2 with W0BFL's will show that this one is somewhat simpler. That is, only two diodes are required and no audio transformer is needed. Capacitors C_1 and C_2 were determined by experiment, so as to give a suitably fast attack. The resistor in the grid lead of V_{1A} reduces audio distortion that would otherwise occur because of grid-circuit clipping on strong signals.

Although my application required the use of a 6SN7GTB and a 6H6, more modern types such as the 12AU7 and 6AL5 can be substituted with no other changes. – Frank E. Stuart, *K7UUC*