



SERVICE BULLETIN

EQUIPMENT TYPE 75A-3**BULLETIN NO. 2****DATE 10-27-54**

Subject: Suggest modifications of receivers, Serial No. 1300 and over having low-loss mechanical filters.

Procedure: The following changes in the 75A-3 will result in a 2 to 1 improvement in the blocking point of the receiver, and similar improvements in cross modulation characteristics of the receiver.

1. Change V-1 from 6CB6 to 6DC6.
2. Remove R-66 (120 ohms) and C-106 (cathode bypass), tie pins 2 and 7 of RF amplifier to ground.
3. Remove R-65 (1.5 megohm).
4. Change R-7 from 68 ohms, 1/2 watt to 180 ohms, 1/2 watt.
5. Change R-81 from 4.7K, 1/2 watt to 10K 1/2 watt.
6. Change R-67 to 150 ohms, 1/2 watt (meter shunt).
7. Remove AVC from pin 3 of mechanical filter box assembly. Connect pin 3 filter box to junction of R57, R58 (RF gain control and minimum bias resistor).

The above changes apply to sets using the low-loss mechanical filter. Similar revisions will also be made to receivers employing high-loss filters.

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