ABSTRACT

A television receiver includes a single tuner (102) for tuning both television channels and broadcast FM stations. The tuner (102) is operated at a fixed gain setting in FM reception mode. The tuner serves as the first conversion stage of a double conversion FM receiver, wherein the mixer of an FM radio integrated circuit serves as the second coversion stage. The arrangement operates at a specific and non-arbitrary first IF frequency. The FM receiver is also capable of automatically receiving an information service such as National Weather Service broadcasts on that one of NWS's seven allocated frequencies which is operating in a listener's area. The receiver provides an on-screen display (410) of the currently tuned FM channel number.

This Sheet Has Been Replaced

