

A RADIO RECEIVER FOR PROCESSING A MULTI-CARRIER SIGNAL WITH A LARGE DYNAMIC RANGE

Abstract

A radio receiver front end is disclosed that processes a multi-carrier signal with a large dynamic range. An illustrative embodiment of the present invention incorporates both feedforward (232) and feedback (240) mechanisms to suppress the amplitude of spurious carrier signals so as to prevent those signals from flooding the dynamic range of the mixer that mixes down the multi-carrier signal.

Fig. 2