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(54) **RADIO FREQUENCY CIRCUIT**

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A radio frequency circuit includes a first circuit including a radio frequency input terminal, a radio frequency output terminal, and a control terminal, a power detector connected to the radio frequency output terminal, a correction circuit including a clock terminal, an enable terminal, an input terminal, and an output terminal, a first comparator connected between an output of the power detector and the clock terminal, and a second comparator connected between the output of the power detector and the enable terminal. The output terminal is connected to the control terminal. A reference voltage of the second comparator is higher than that of the first comparator.

