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Abstract of the Disclosure

10 A gain control circuit for a radio transmitter, such as
the radio transmitter portion of a radiotelephone operative to
transmit a $\pi/4$ DQPSK-modulated signal in discrete bursts. The
signal portion of the signal transmitted during each discrete burst
forms a slot and at least one of the slots includes a pre-determined
15 data sequence portion. The peak power level of the portion of the slot
comprising the pre-determined data sequence portion, once
amplified by amplifier circuitry of the radiotelephone, is measured by
measuring apparatus is compared with a stored value representative
of the peak power level of a corresponding portion of a slot amplified
20 to be of a desired signal level. Responsive to such comparison, the
amplification level of the amplifier circuitry is altered.

FIG. 7 accompanies this abstract.

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