

ASYNCHRONOUS CHANNEL FREQUENCY SCANNING

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ABSTRACT

A communication device (1) comprising a receiver (2) for receiving coded messages transmitted on one or more channels. There is a micro-processor (13), in
10 communication with the receiver (2) and a frequency synthesizer (4) coupled to both the micro-processor (13) and the receiver (2) to thereby control reception of the channels. The communication device (1) also has a memory
15 (14) storing a group of channel frequencies, wherein the micro-processor (13) is adapted, in combination with the frequency synthesizer (4), to control the receiver (2) to scan at least some of the channels during baud detect periods of a protocol cycle associated with at least one of the channels. Further, the micro-processor (13)
20 cyclically offsets a start of the baud detect periods after completion of a protocol cycle.

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FIG. 1 to accompany Abstract.