

DYNAMIC SELECTION OF 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
10 channels. There is also a micro-processor (13) in communication with the receiver (2), for processing the coded messages. A frequency synthesizer (4) is coupled to both the micro-processor (13) and the receiver (2), the frequency synthesizer (4) is adapted to control the
15 receiver (2) to thereby control reception of the channels. There is also a memory 14 storing a group of channel frequencies, wherein the micro-processor (13) is adapted to dynamically select one or more of the channel frequencies and in combination with the frequency
20 synthesizer (4), control the receiver (2) to scan, in a single scan interval, the frequencies that have been dynamically selected.

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FIG. 1 to accompany Abstract.

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