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 BA ME</p> | <ul style="list-style-type: none"> • Padalino, Brian C.
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- (54) **Communications device for scanning multiple frequencies and for detecting analog and digital video signals and associated methods**

(57) A communications device includes a radio frequency (RF) receiver being scannable over a plurality of different frequencies and an analog to digital (AD) converter coupled to the RF receiver. The AD converter is configured to generate a receive bitstream. A processor coupled to the RF receiver and the AD converter. The processor is configured to perform, in parallel, calculating a received power level from the receive bitstream, attempting analog video decoding from the receive bitstream, and attempting digital video decoding from the receive bitstream. The processor is also configured to lock the RF receiver to a current frequency or scan the RF receiver to a next frequency based upon the received power level, and the attempted analog and video decoding.

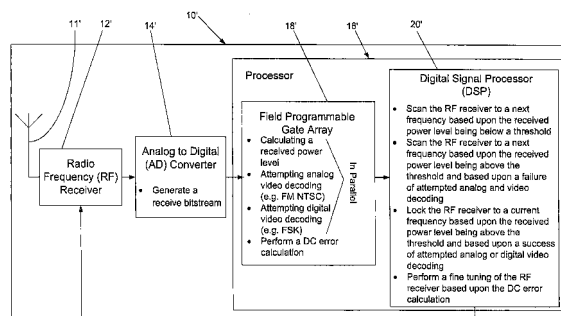


Fig. 2