

Re: Lowest power tune detector.

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- *From:* "Luhan" <[luhanis@xxxxxxxx](mailto:luhanis@xxxxxxxx)>
  - *Date:* 24 Apr 2006 10:20:58 -0700
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John Jardine. wrote:

Your're pretty much looking at a multi tone telemetry system. The 60's sounding rockets needed racks full of equipment to do similar. Even now you'll need some -heavy- signal massaging using quite a powerful DSP/Micro. Small PICs won't touch it. FFTs' are way over the top. Need to be using something like the Goertzel algorithm.

Wrong you are. I have DTMF decoder implemented in a PIC. Its been answering my phone calls for a couple of years now, so I know it works.

Check it out at...

<http://members.cox.net/berniekm/qdft.html>

Luhan

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