

## Re: Magic Sinewave short sequence

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  - *Date:* Sat, 31 Mar 2007 20:35:54 +0200
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"Henry Kiefer" <otc\_friend@xxxxxxx> wrote in message  
[news:460e837c\\$0\\$23143\\$9b4e6d93@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:460e837c$0$23143$9b4e6d93@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

I need a short bit sequence not more than say 300 bits long. Lower harmonics are much more important to me. Behind say the 9th I don't care.

Stupid suggestion:

How about brute force? Use a Genetic Algorithm to guess a bit sequence, express it's fitness in the product of correlation to the desired output and the RMS of the lower harmonics calculated as an FFT of the waveform.

To me, it does not matter if the computer have to run for a few days – this gives time for fun things.