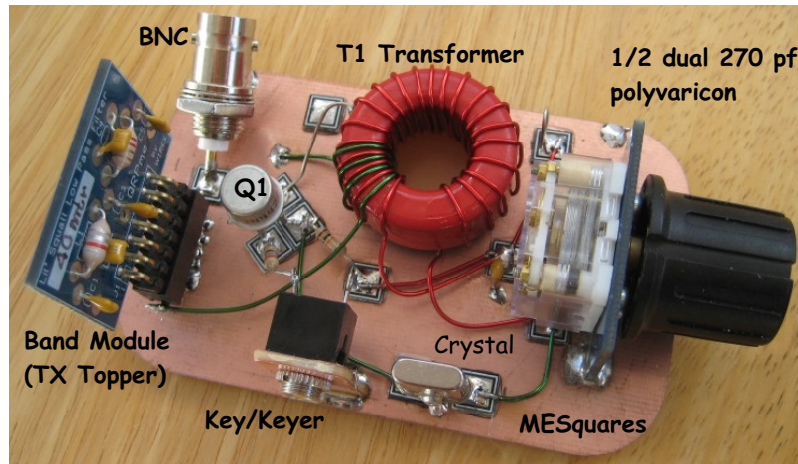


# Michigan Mighty Mite (MMM) W5USJ Version 6 Jan 2015



T106-2  
21t Primary  
Tap at 7t  
4t Secondary

## Test Setup:

Supply Voltage, 12.5 Vdc, QRPOmeter power meter, 2% accuracy

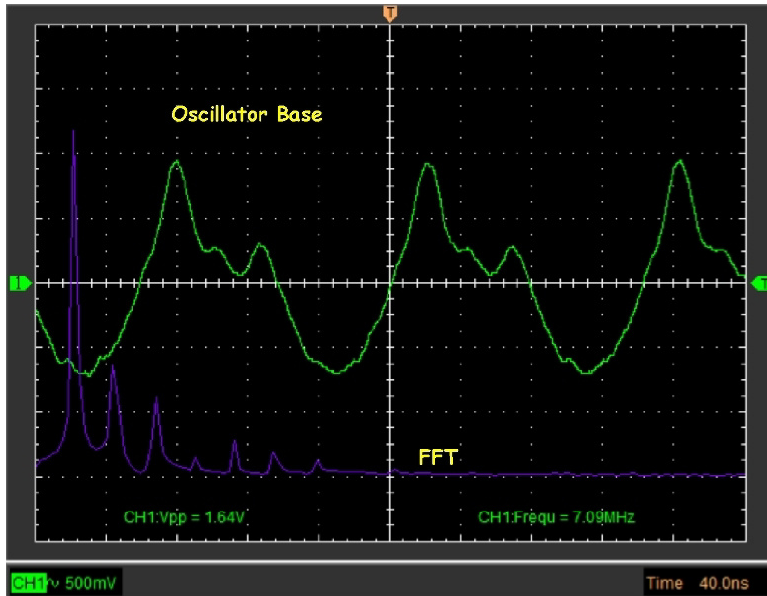
Crystal: 7047.5 kHz, actual 7050.9 kHz using MFJ-886 counter

O'scope: DSO-2250 USB Digital

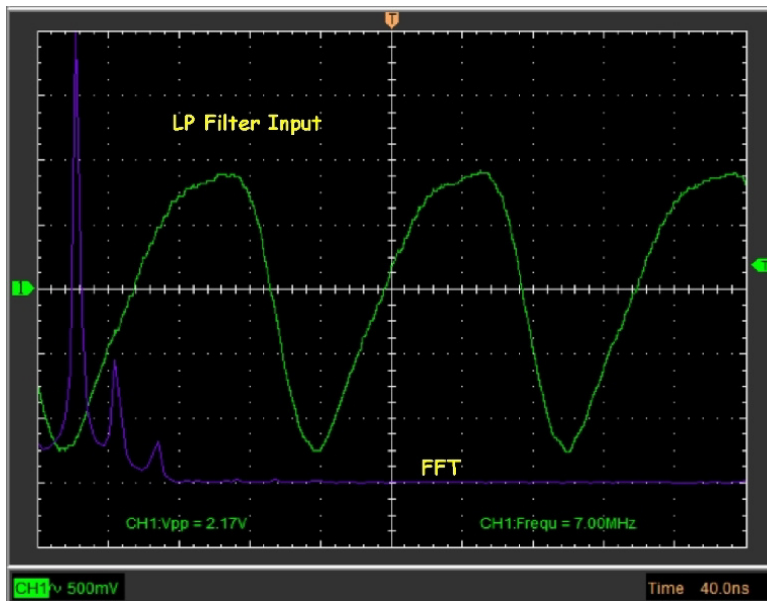
420 mW output to 50 Ohm dummy load with Topper LPF

Best output with 2N3553 and 2N2219A.

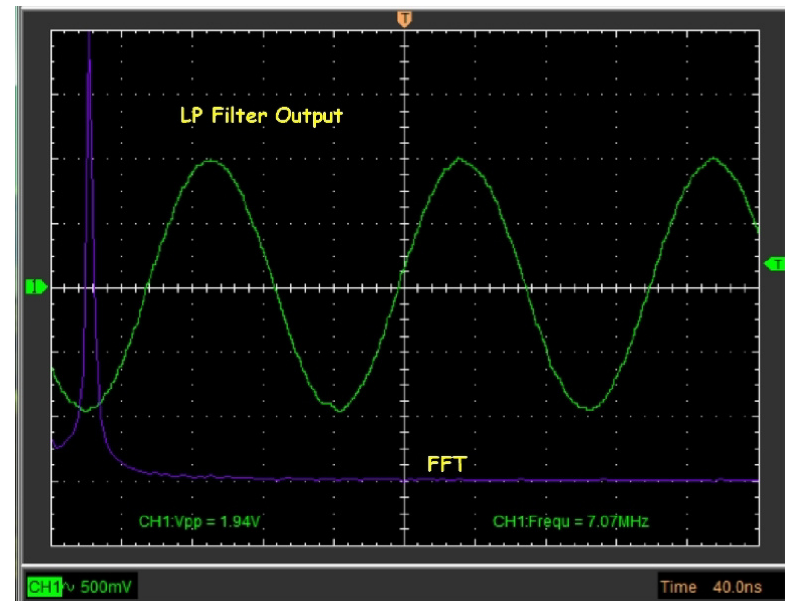
Note that base and LFP input signals varied significantly with different Q1



Not clean and significant harmonic content shown by FFT trace



Tuned output cleaned signal some but still has -37 dBm 2nd harmonic



Nice clean output with no discernible harmonic content