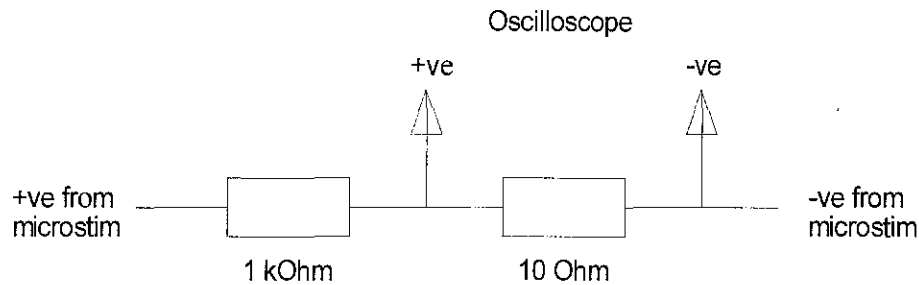


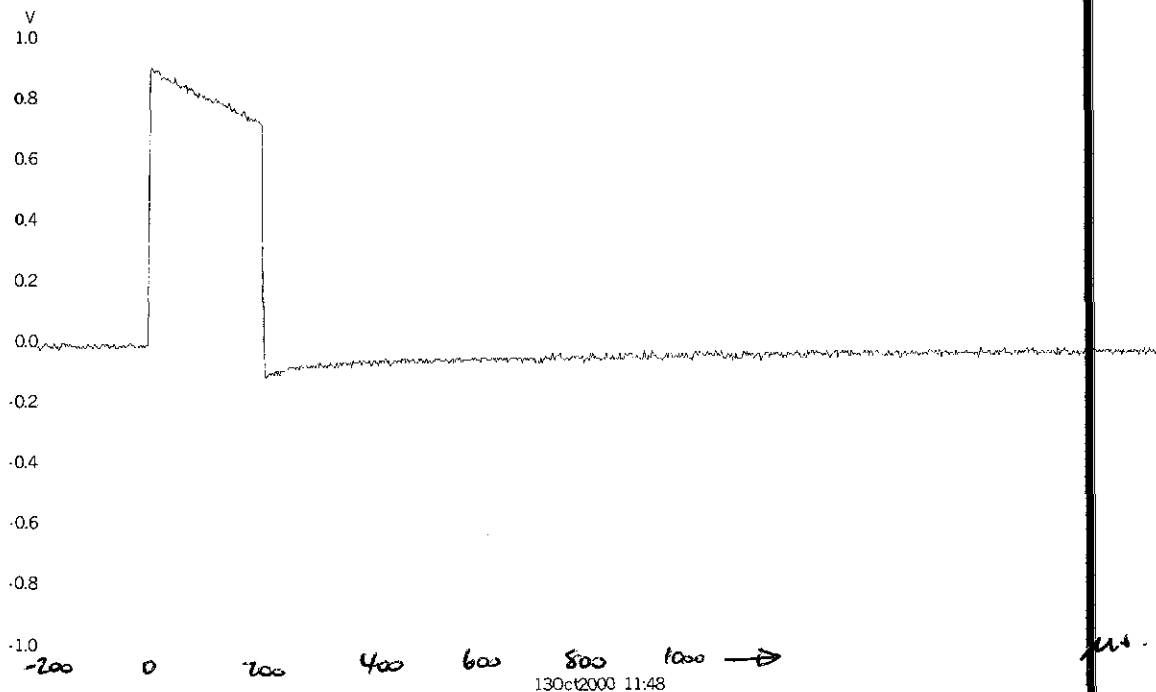
### Microstim test procedure.

Output from whichever Microstim model is controlled by the intensity pot. Output amplitude is over 20V at maximum intensity, therefore a test rig is required to reduce amplitude to a suitable level for checking with an oscilloscope. A storage scope may be required on the 1 Hz setting as the mark / space is very small. Checking of the space between pulse can be difficult.

### Test Adapter.

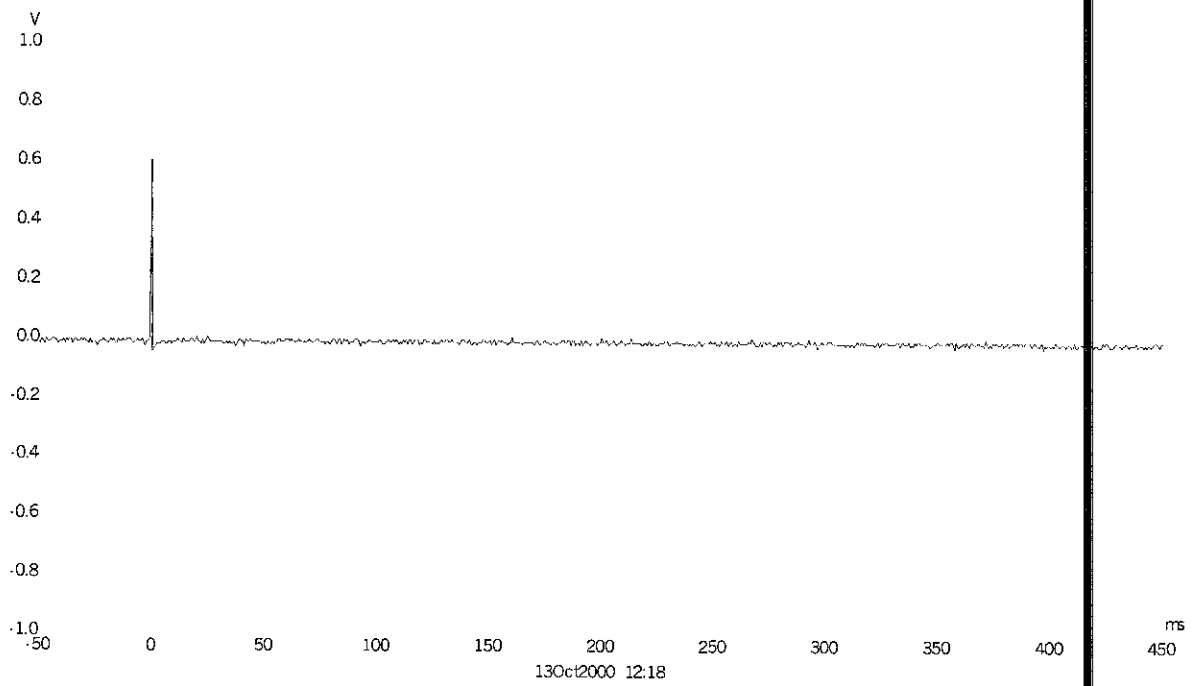


Typical pulse using this test adapter is shown below. This shape and amplitude of pulse is typical for all settings at maximum intensity. Pulse width is 200  $\mu$ s. Minimum setting on intensity pot should give zero output when scoped. Unit on which these results are based showed a slight jump in amplitude output with intensity pot increase, to 100mV from 0mV at approx 10% intensity.

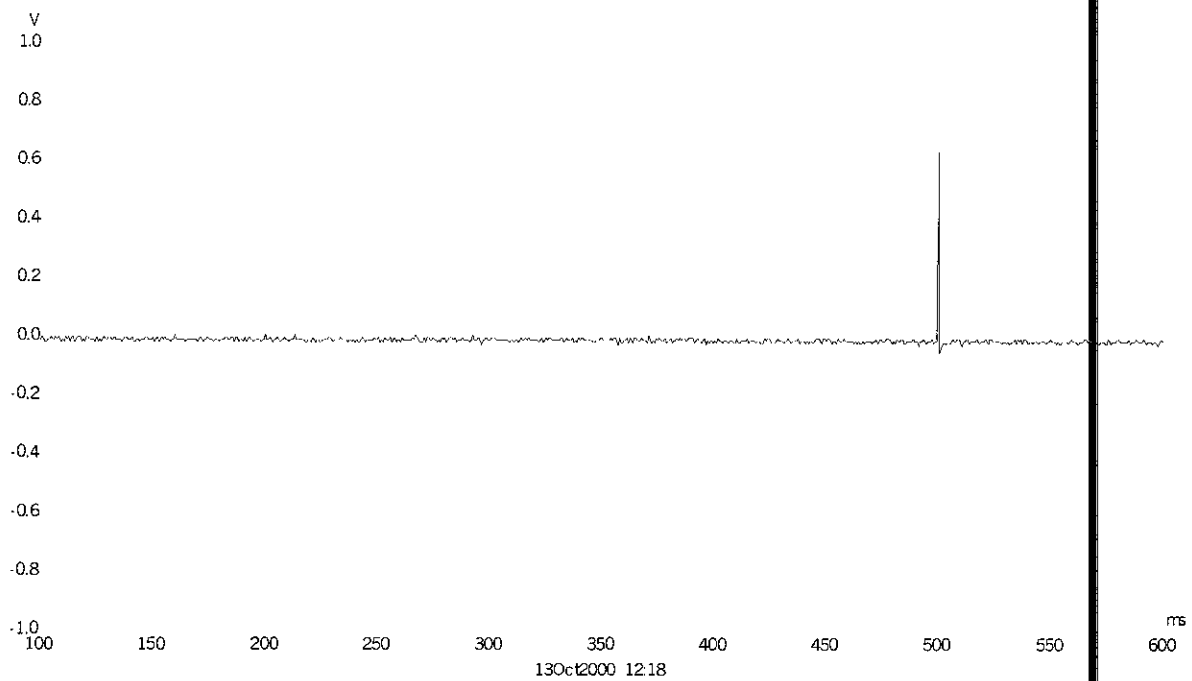


# Train of Four (T.O.F).

## 1<sup>st</sup> pulse.

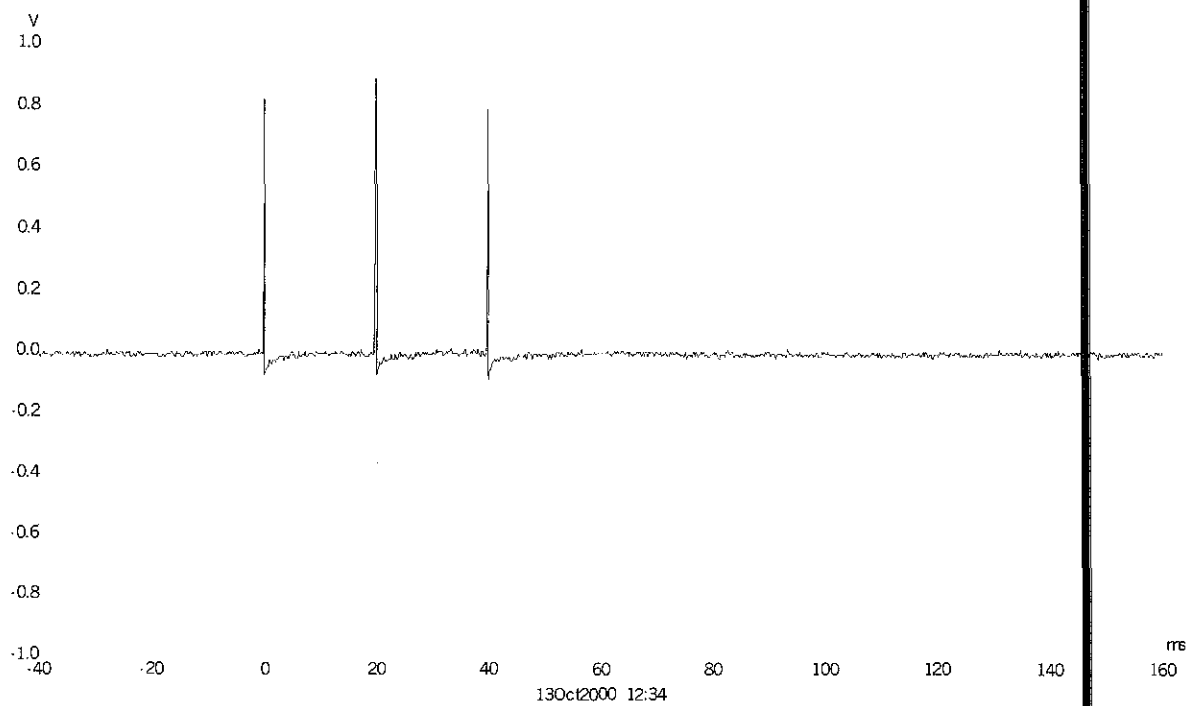


## 2<sup>nd</sup> pulse.



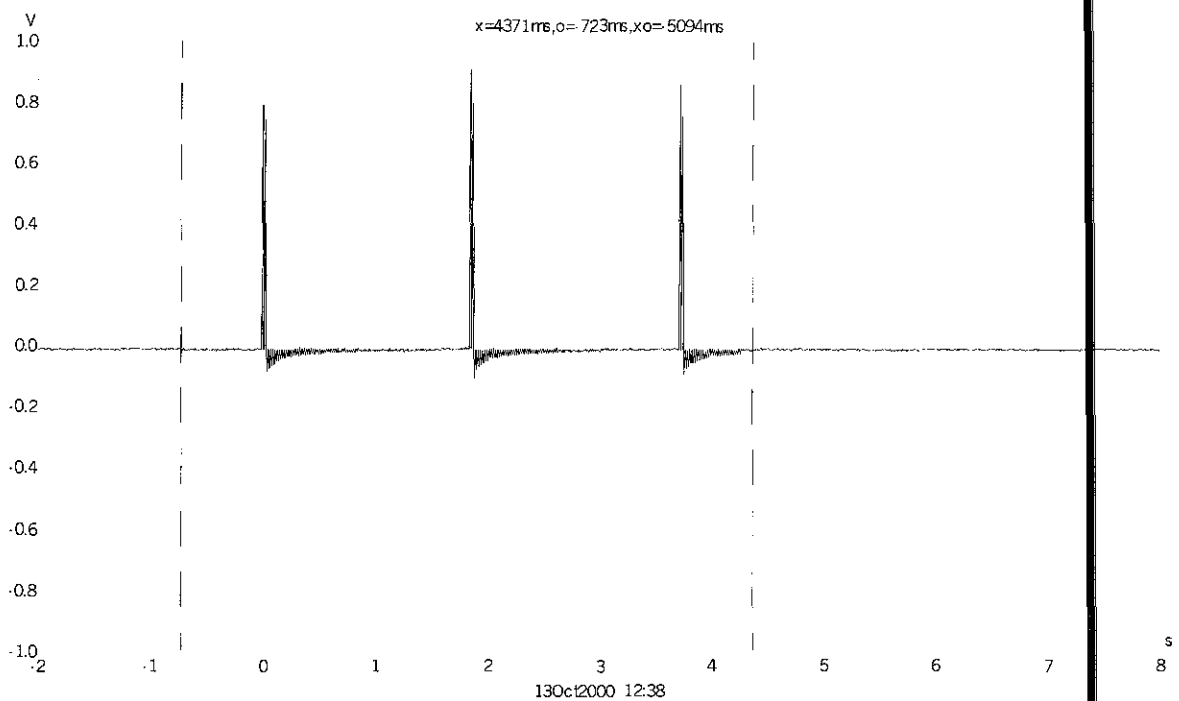
and so on for a total of four pulses....

### Double Burst Stimulation (D.B.S).

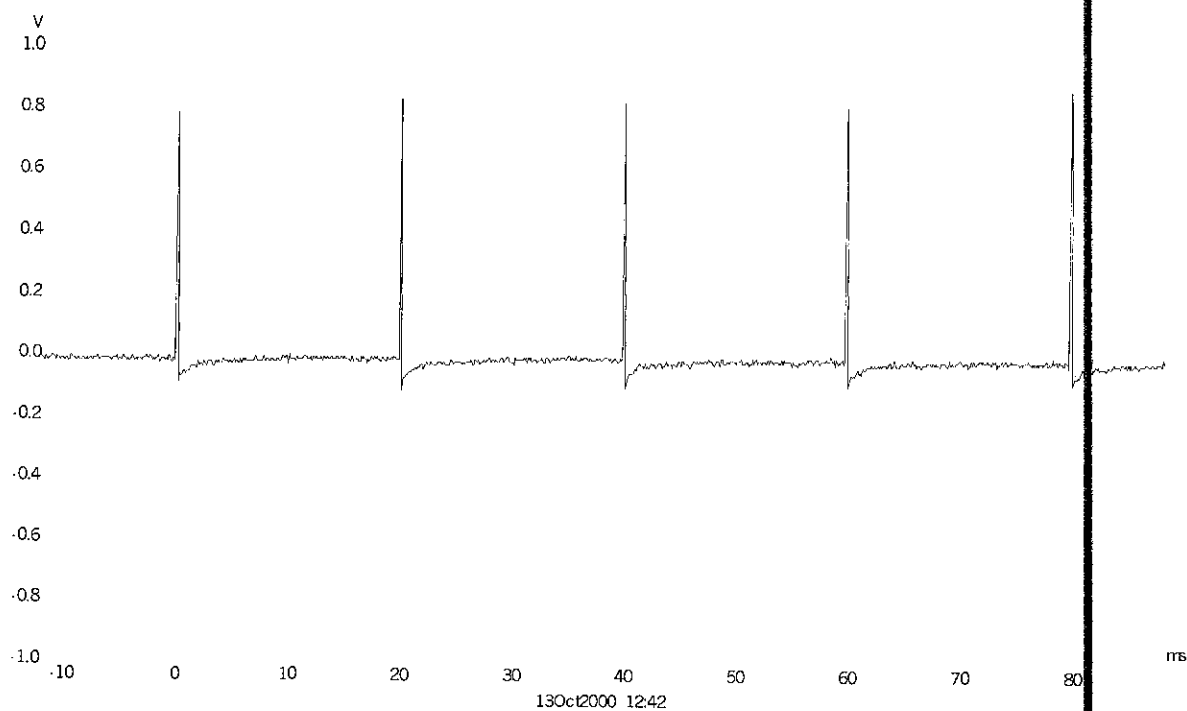


followed by a second burst of stimulation 750ms later.

### Post Tetanic Count (P.T.C).



1<sup>st</sup> burst of 50 Hz stimulation for 5 seconds,  
...followed by 3 second delay the 1 Hz.



1<sup>st</sup> burst at this spacing..

1 Hz output on maximum intensity.

Each pulse occurs at 1 second intervals. Typical pulse shown below

