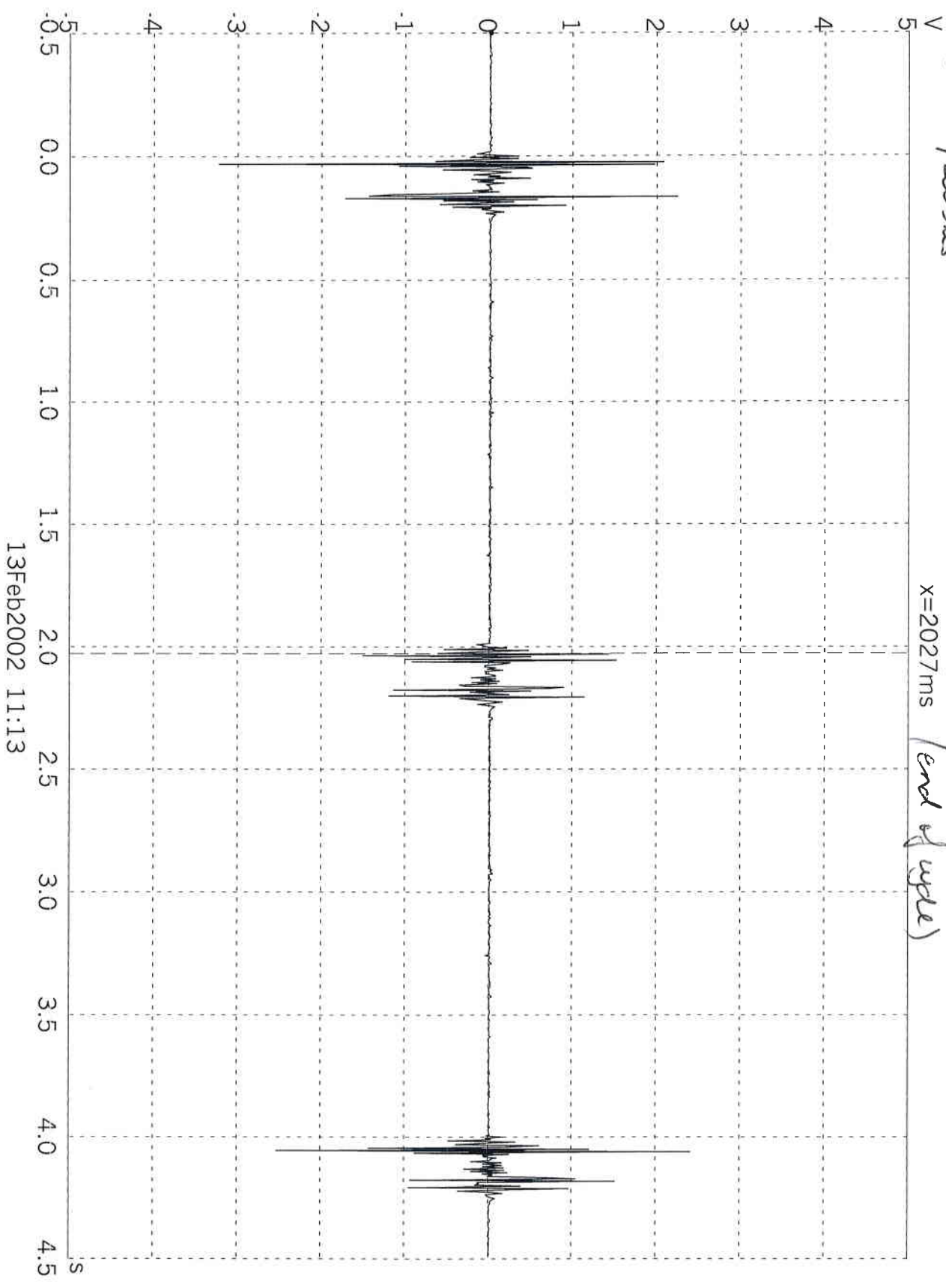


Test for accuracy: S_{20} : Transducer input of 4V prototype set to 30ppm

$Bpm = \frac{1}{2005ms} \times 60 = 29.95 Bpm$

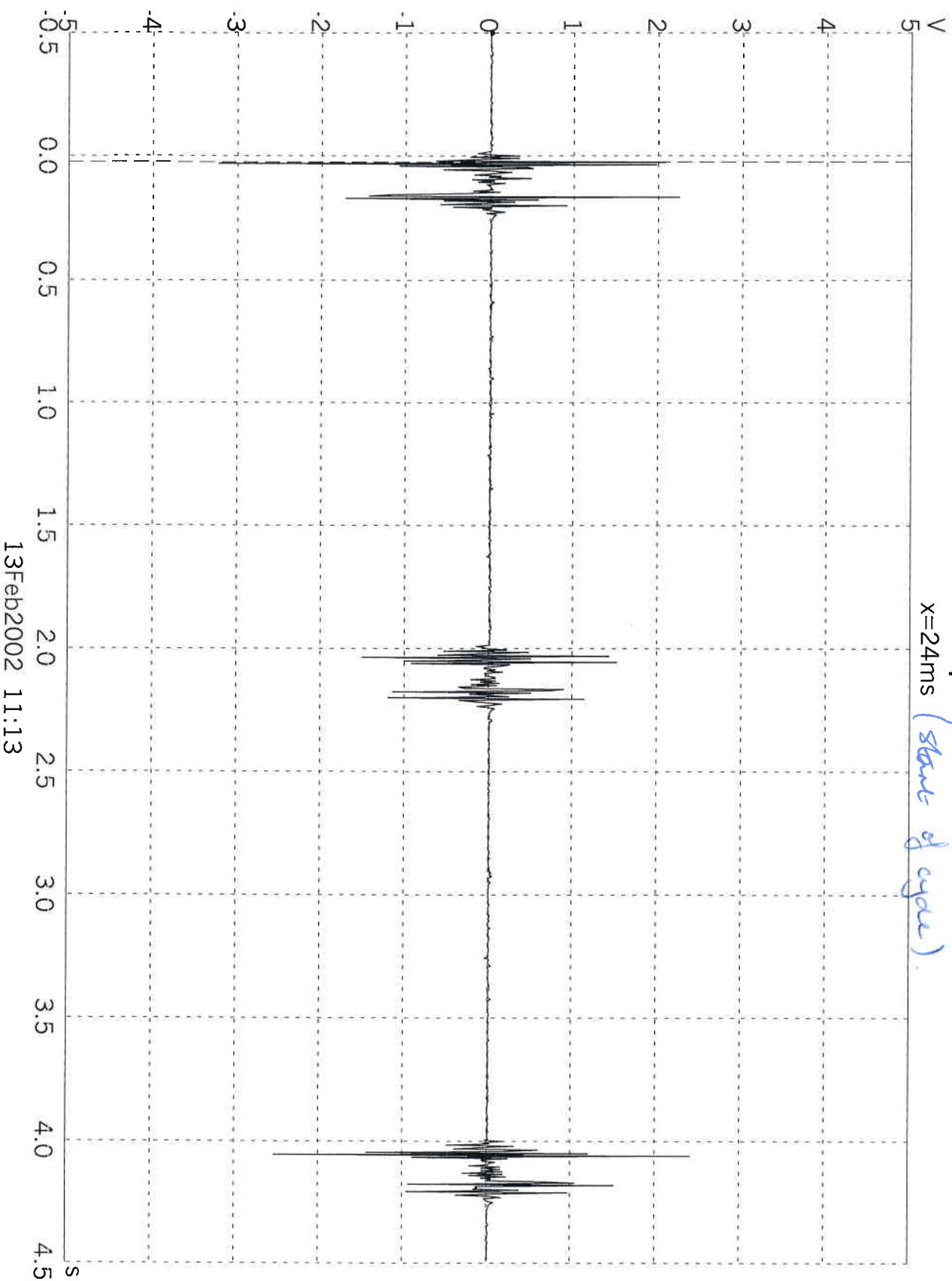
Scope

x=2027ms (end of cycle)



Test for accuracy: Sn: Transducer input of 4-H prototype set to 30bpm.

Scope
x=24ms (start of cycle)



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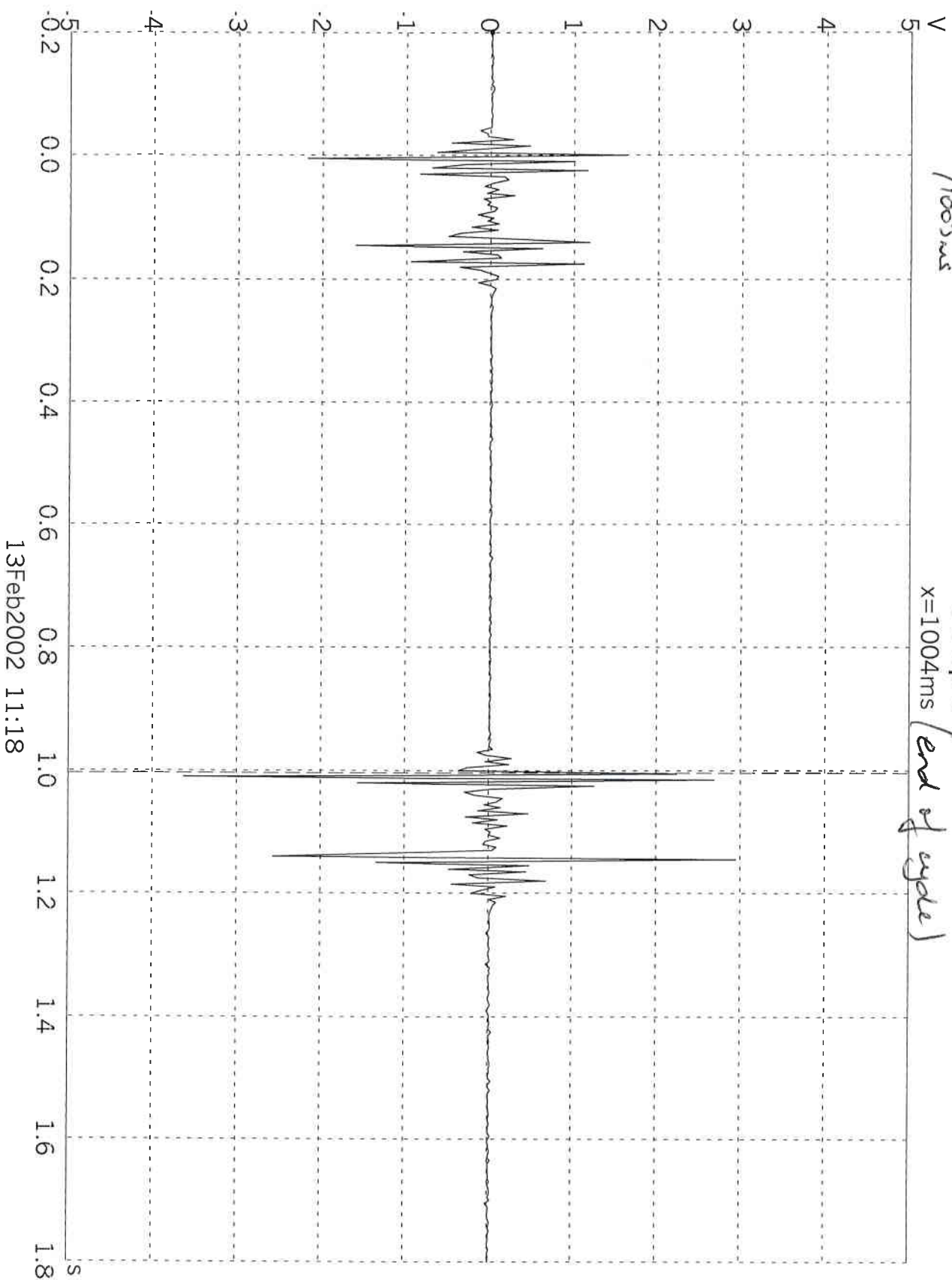
NONAME.PSD

Test for accuracy: So: Transducer output of 4th prototype (set to 60 bpm)

$$Bpm = \frac{1}{1000ms} \times 60 = 59.82 bpm$$

Scope

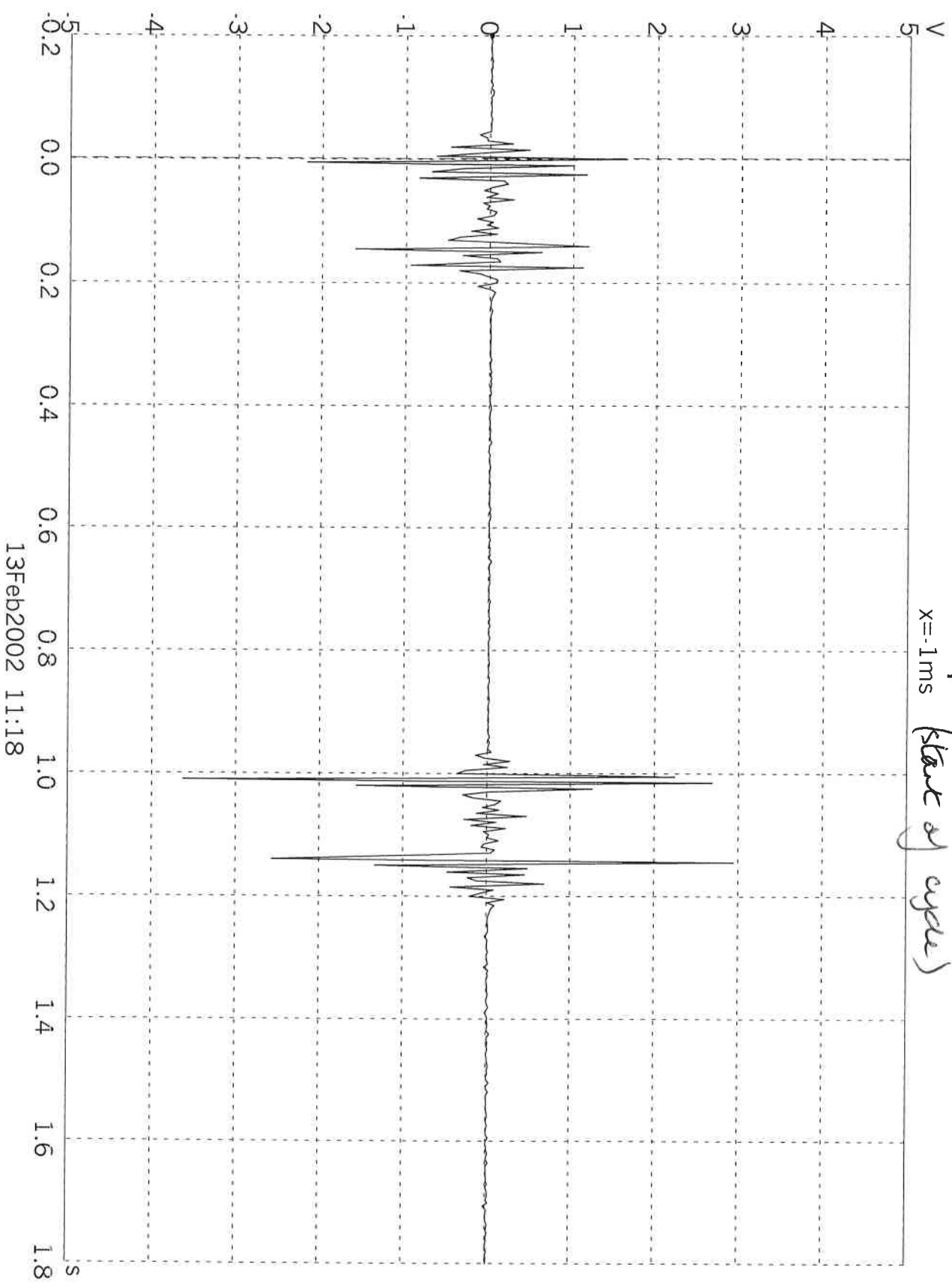
x=1004ms (end of cycle)



B1

Test for accuracy. Step 1: Transducer input if the prototype set to 600pm.

Scope
x=1ms (start of cycle)



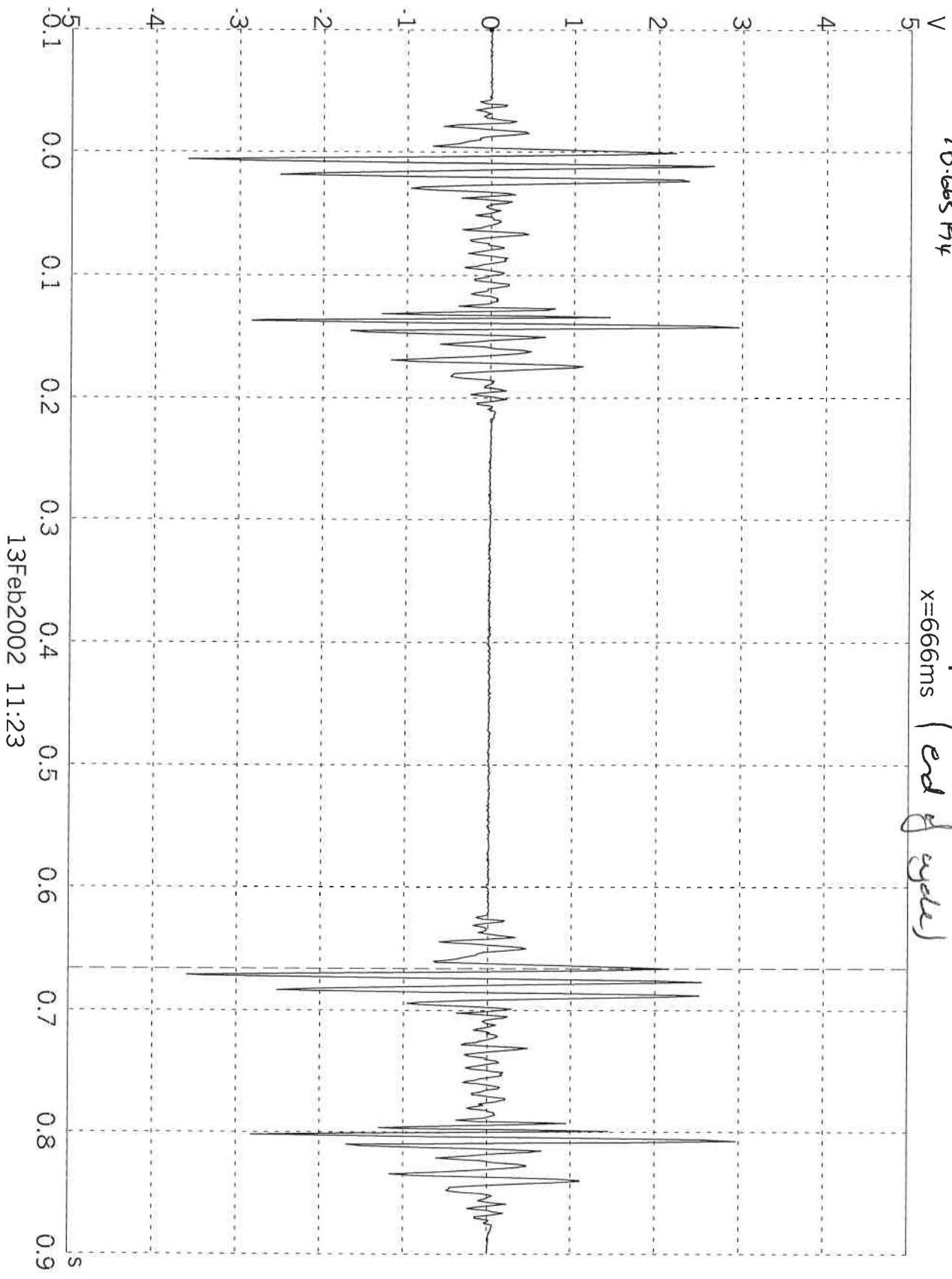
B2

Test for accuracy Δ : Transducer input of 5V pressure set to 90 bpm.

$$bpm = \frac{1}{0.665174} \times 60 = 90.20 \text{ bpm}$$

Scope (end of cycle)
x=666ms

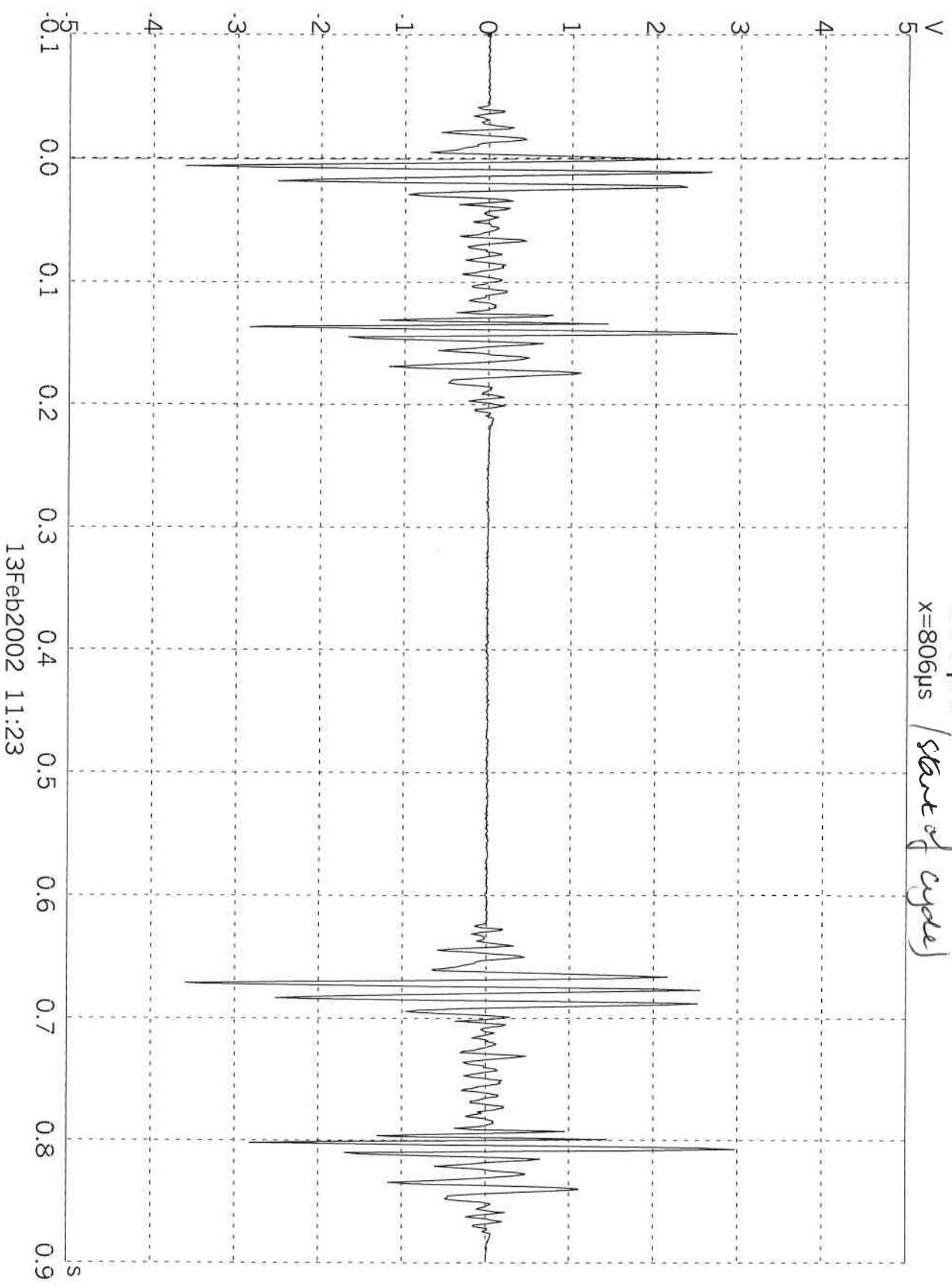
C1



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Test for accuracy: Si: Transducer input of 4th prototype set to 90 bpm.

Scope
x=806µs / (start of cycle)



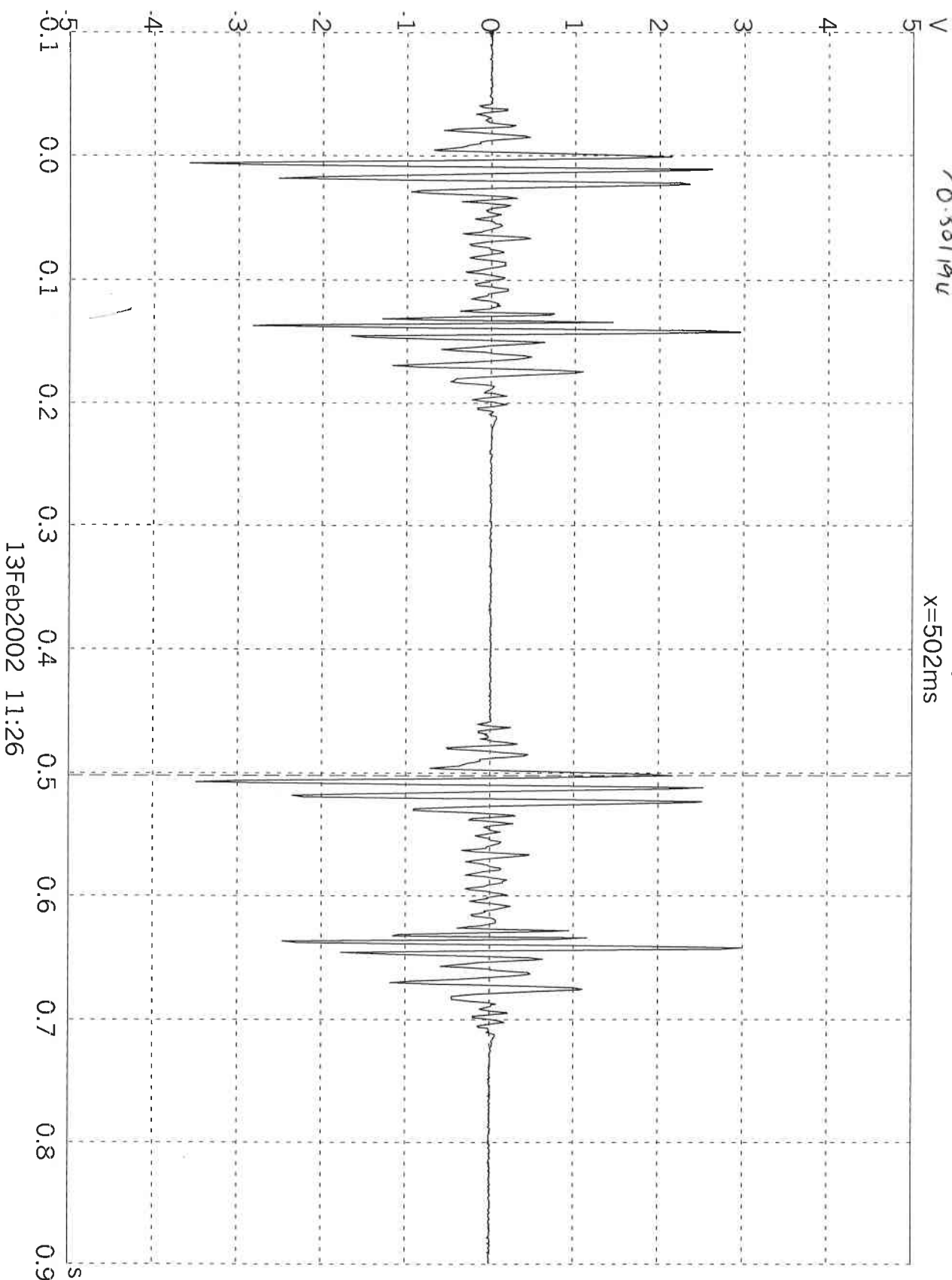
c2

Test for accuracy: So Transducer input of 1Hz (range set to 100Hz)

$f_{pm} = 1$ $\times 60 = 119.71 \text{ bpm}$
0.50194

Scope

x=502ms



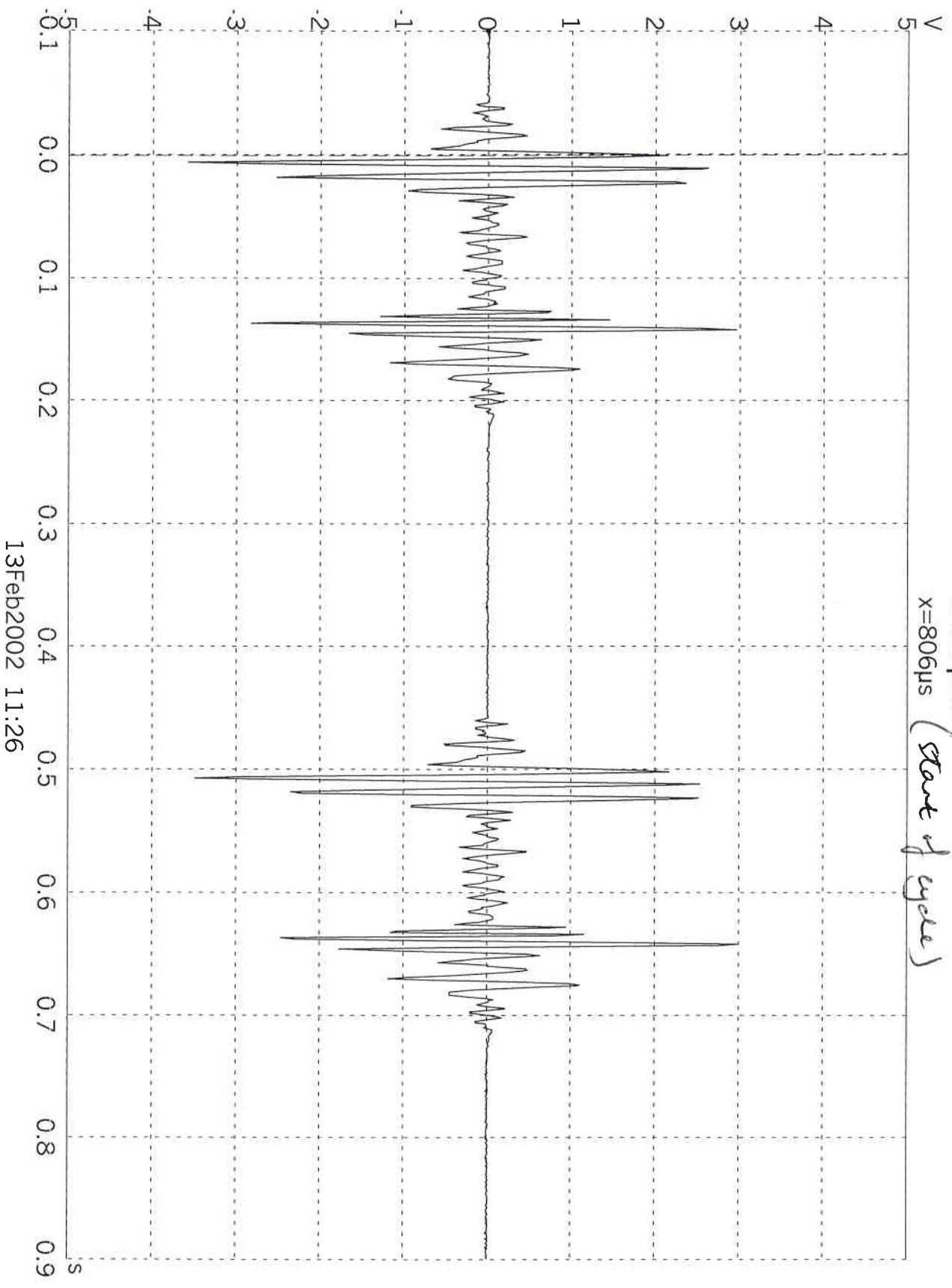
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NONAME.PSD

Test for accuracy: SN Transducer input of the prototype set to 120bps.

Scope
x=806µs (start of cycle)

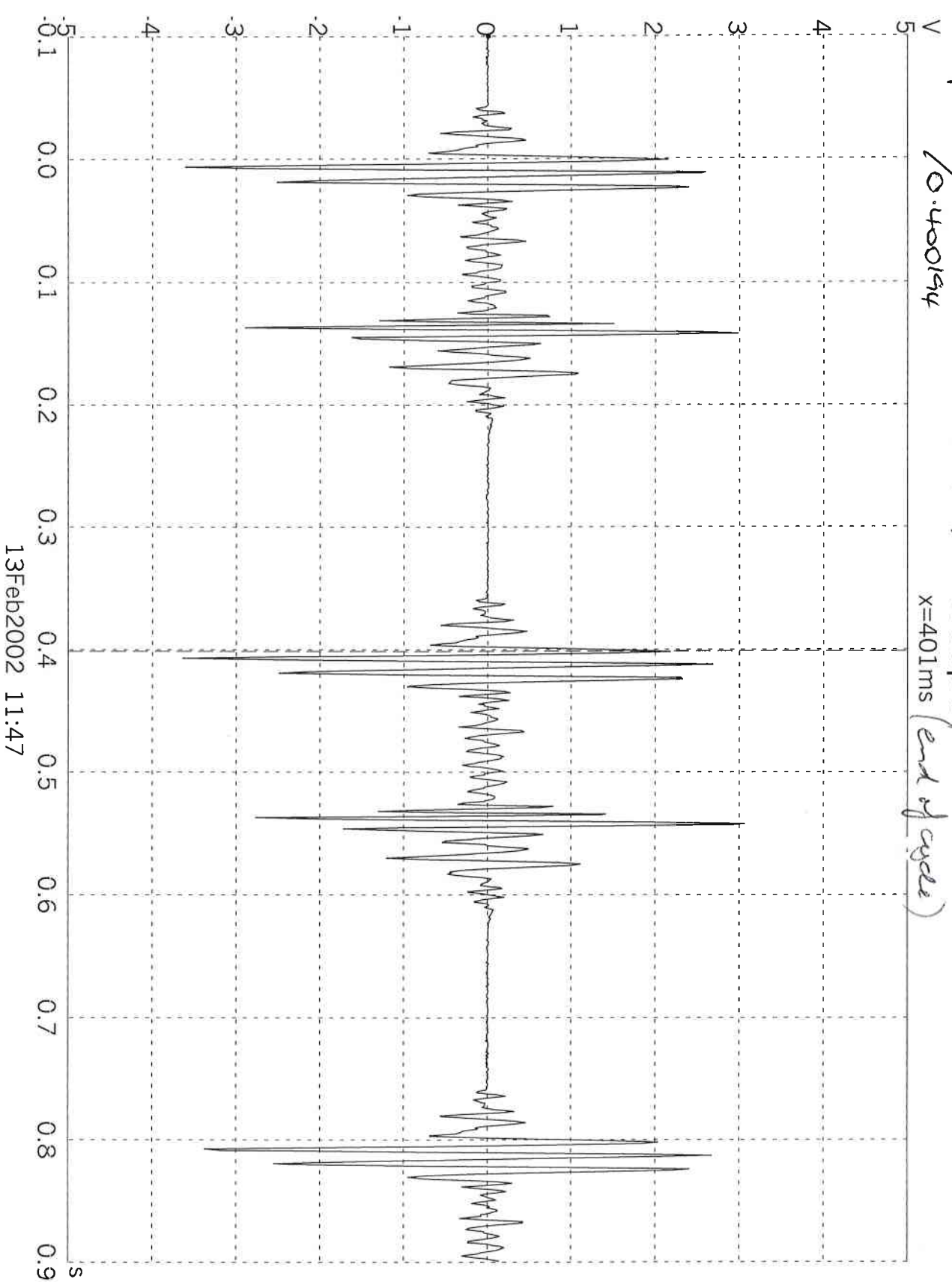
C4



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Test for accuracy: S11 Transducer input of the prototype set to 150Bpm

Bpm = $\frac{1}{0.400194} \times 60 = 149.93 \text{ bpm}$. Scope x=401ms (end of cycle)

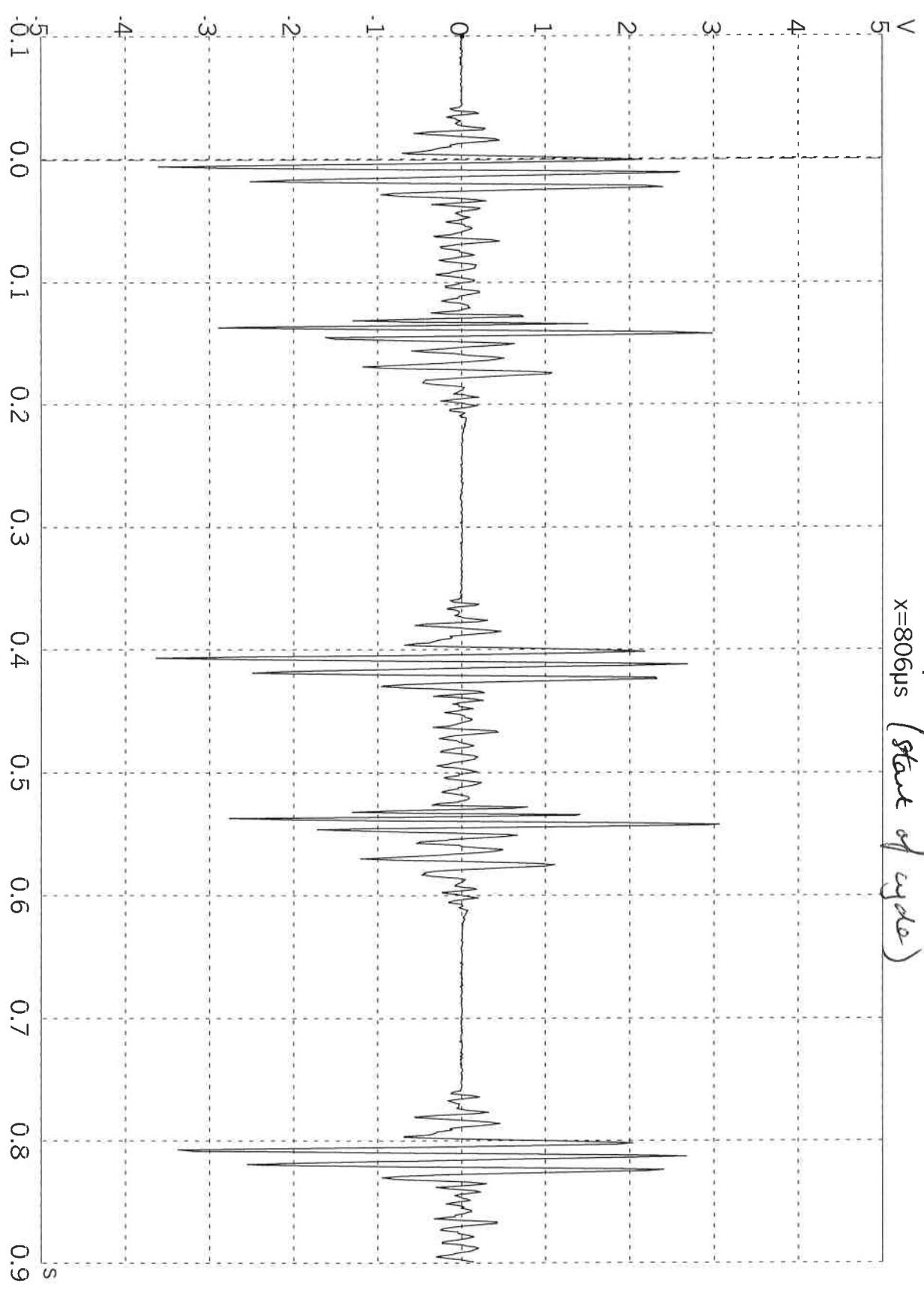


D1

Text for accuracy: So (Transducer input of the pressure set to 150 Bar)

Scope

x=806µs (start of cycle)



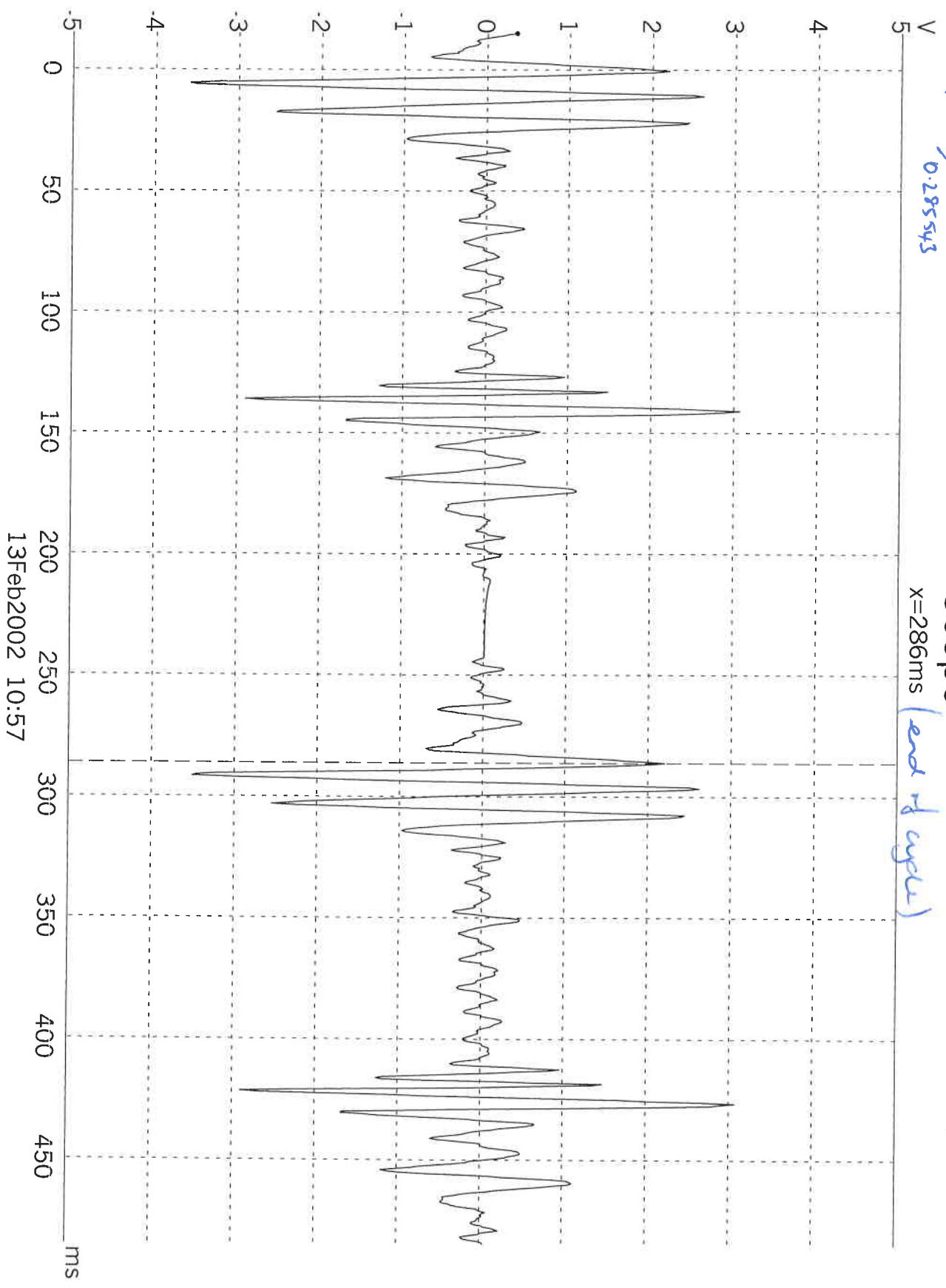
72

Text for accuracy: Si: Transducer output of fM prototype set to 200 bpm

$$Bpm = \frac{1}{0.285543} \times 60 = 200.13 bpm$$

Scope

x=286ms (end of cycle)

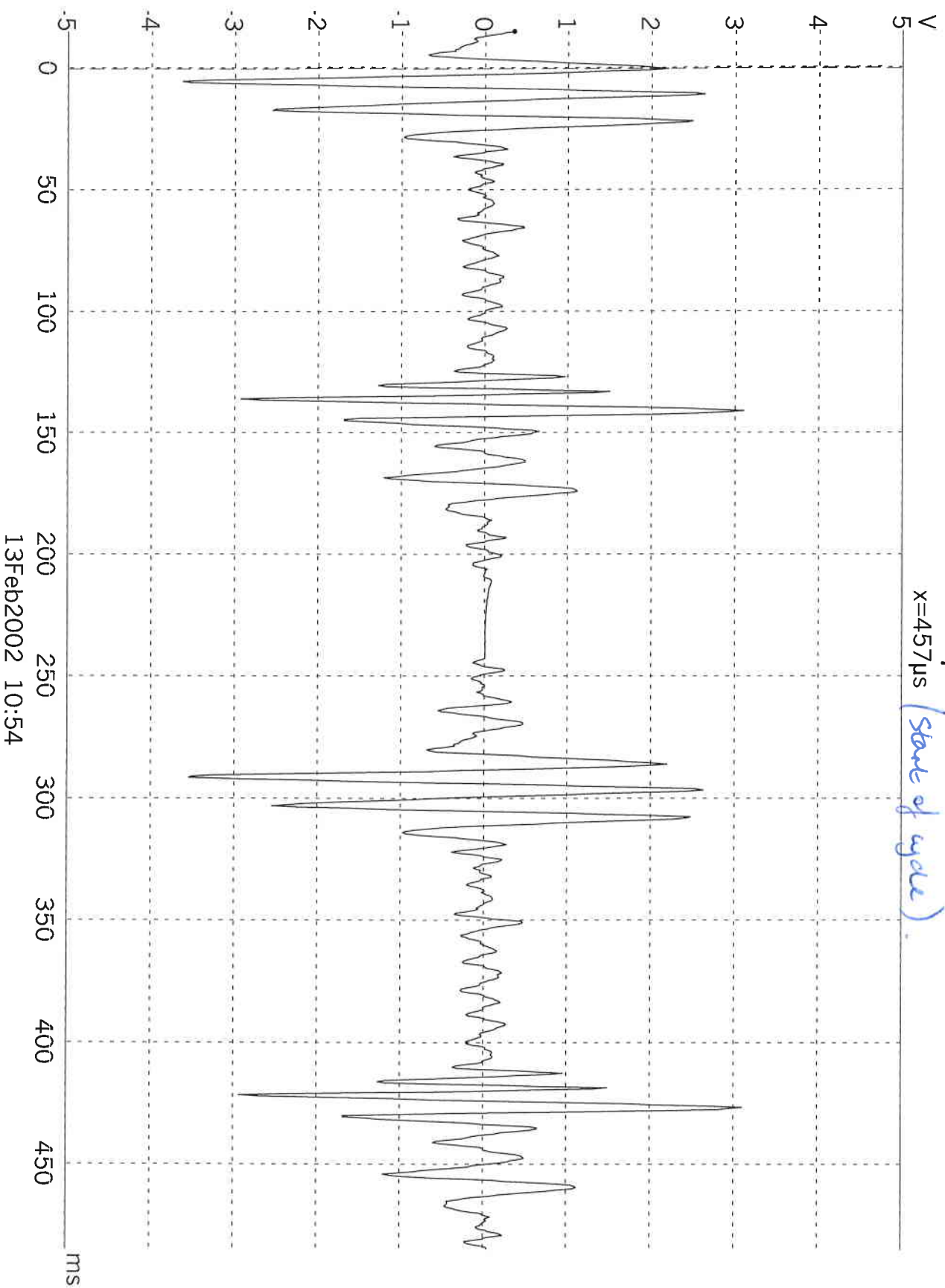


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Test for accuracy: Ss: Transducer output of the prototype set to 200 bpm.

Scope

x=457 μ s (start of cycle)



E2

Text for accuracy: $B_{pm} = 1 / 0.3335V3 \times 60 = 179.89 Bpm$. (transducer input of HR prototyp e set to 180 bpm.

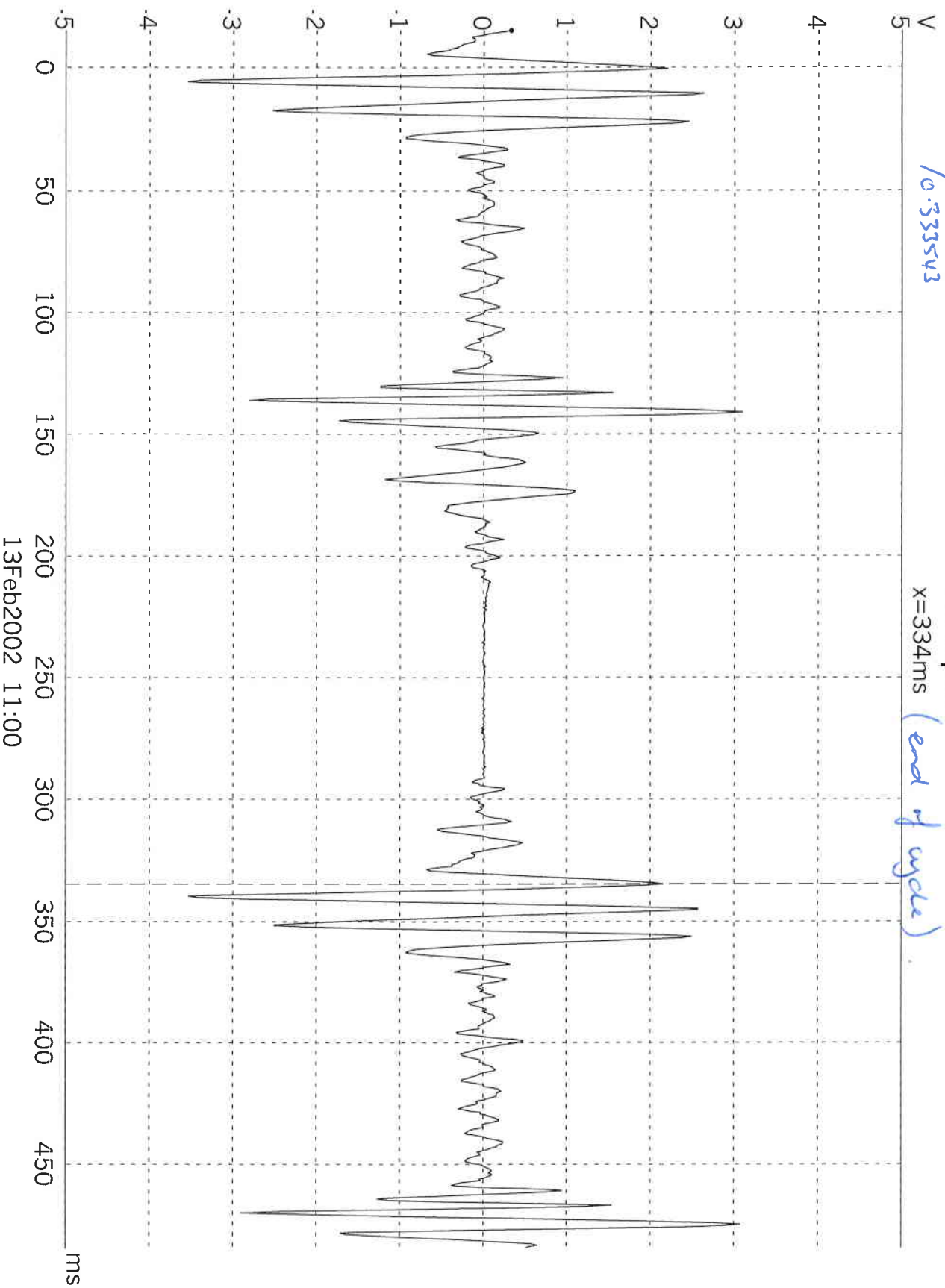
$$B_{pm} = 1 / 0.3335V3 \times 60 = 179.89 Bpm$$

Scope

x=334ms

(end of cycle)

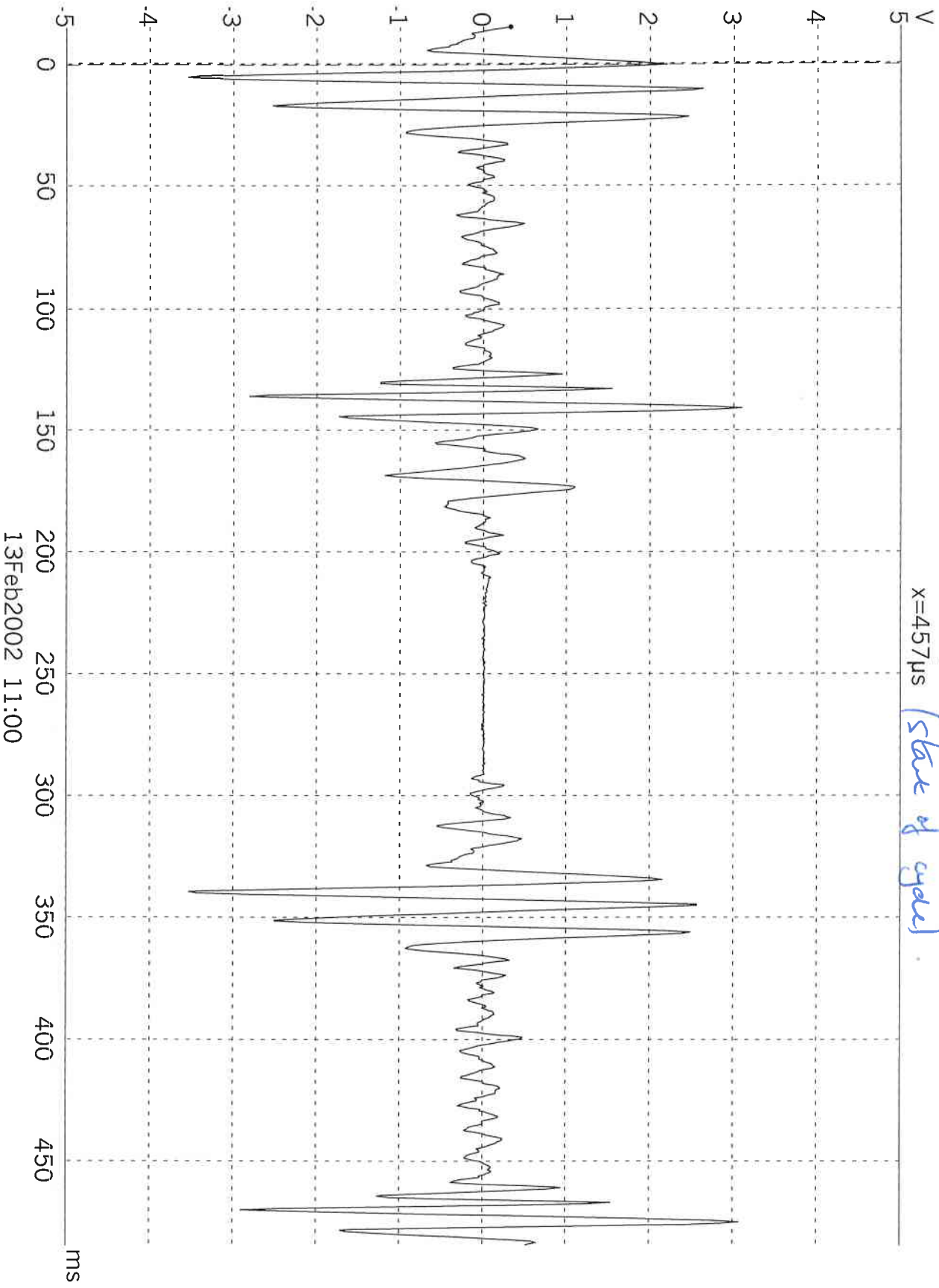
F1



Test for accuracy: On Transducer input of 44 pressure Set to 180 bpm.

Scope

x=457 μ s (Scale of cycle)



F2