

fig1

LCD (Touch panel)

Trace for Y direction
from top to bottom

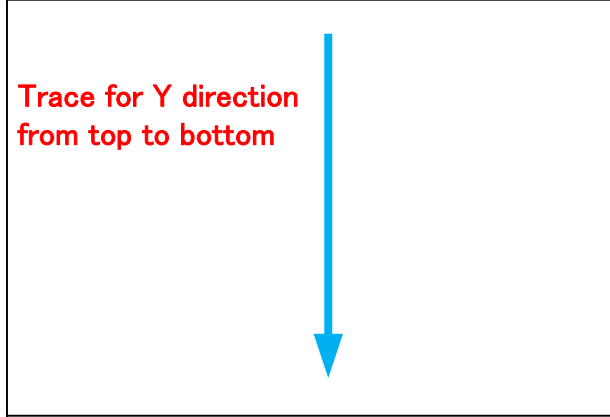


fig2

The whole span

Trace for Y direction from top to bottom

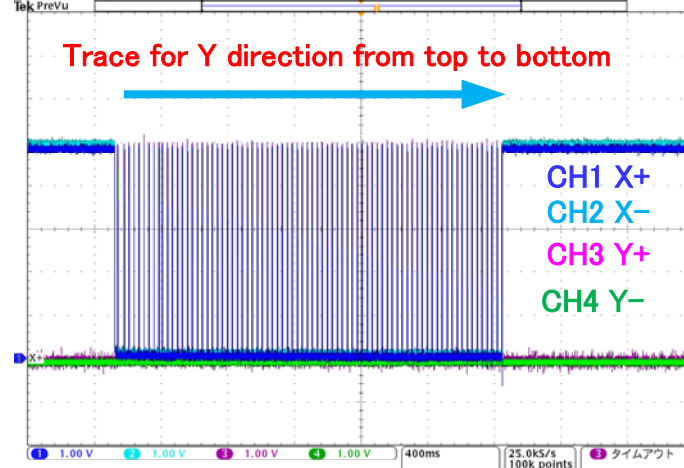
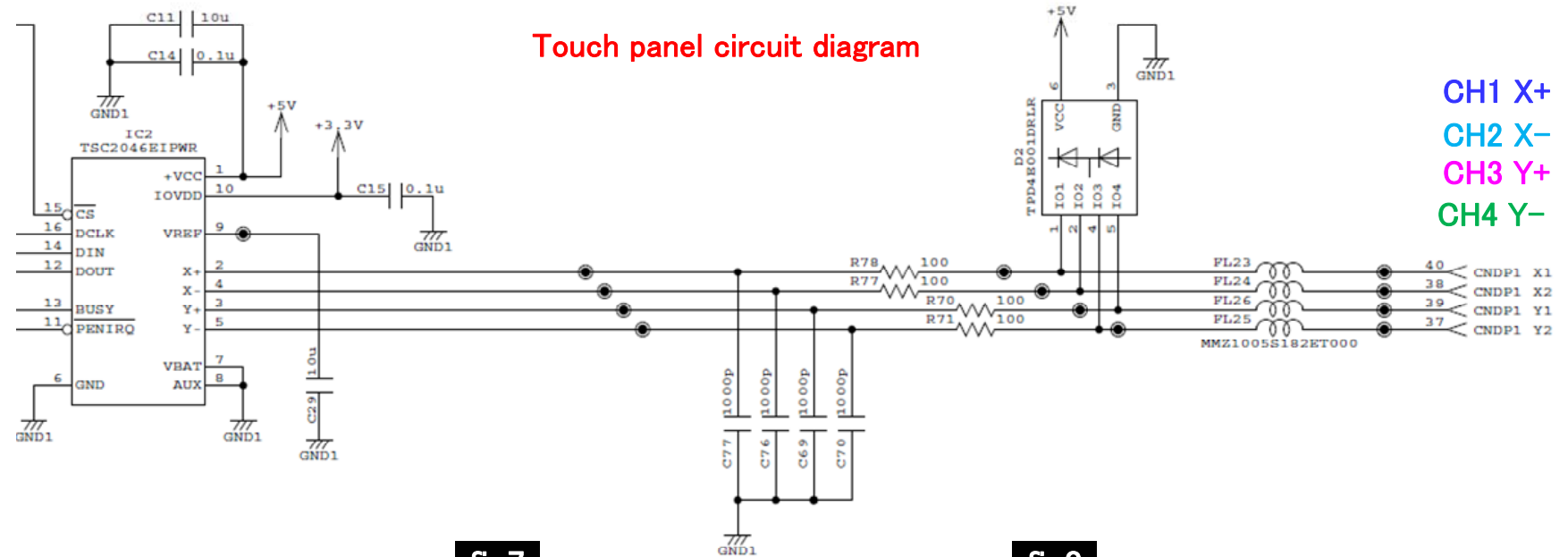


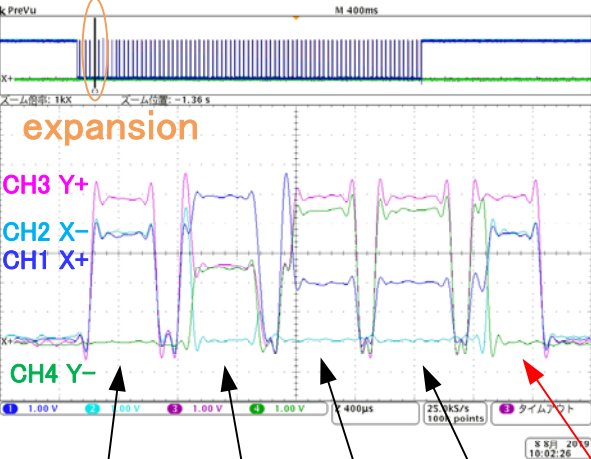
fig3

Touch panel circuit diagram



CH1 X+
CH2 X-
CH3 Y+
CH4 Y-

fig4



CH3 Y+ 5V
CH4 Y- GND
Detect Y coordinates

CH3 Y+ 5V
CH2 X- GND
Detect Z1

CH1 X+ 5V
CH2 X- GND
Detect X coordinates

CH3 Y+ 5V
CH2 X- GND
Detect Z2

fig5

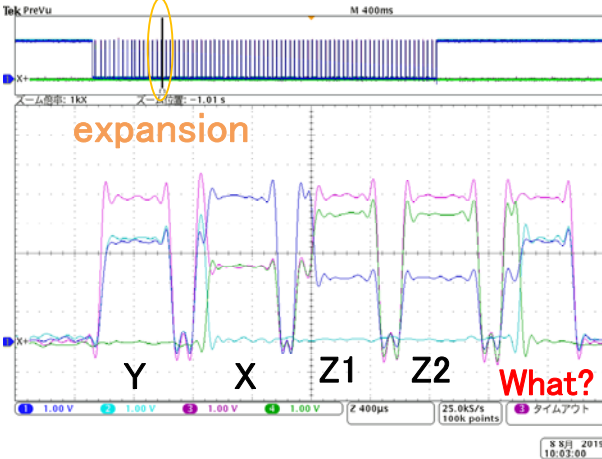


fig6

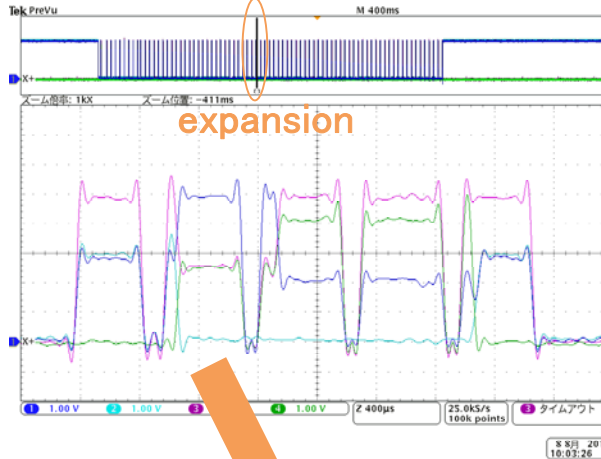


fig7

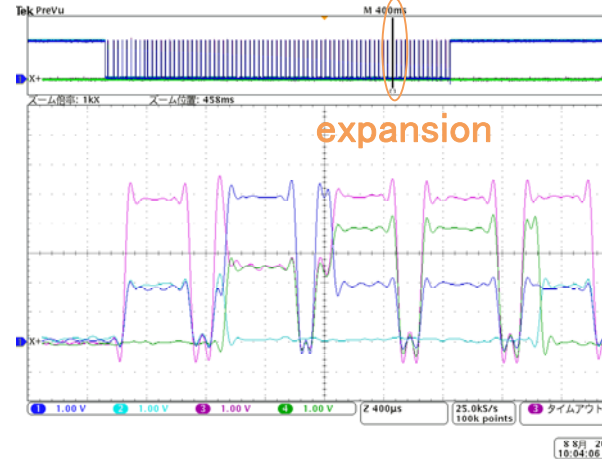


fig8

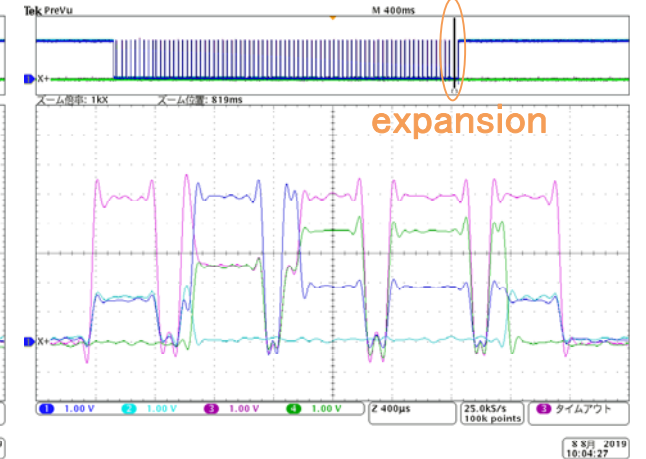
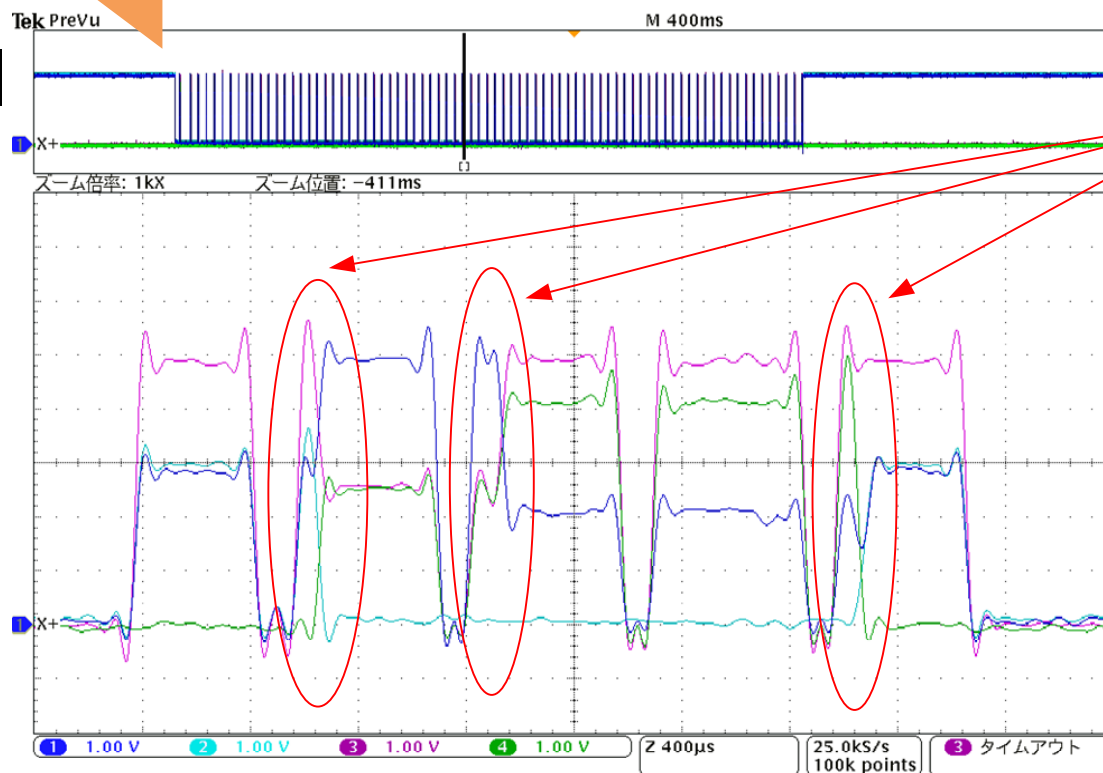


fig6A



QUESTION2
What are these changes?

QUESTION1
What does this last wave form detect?