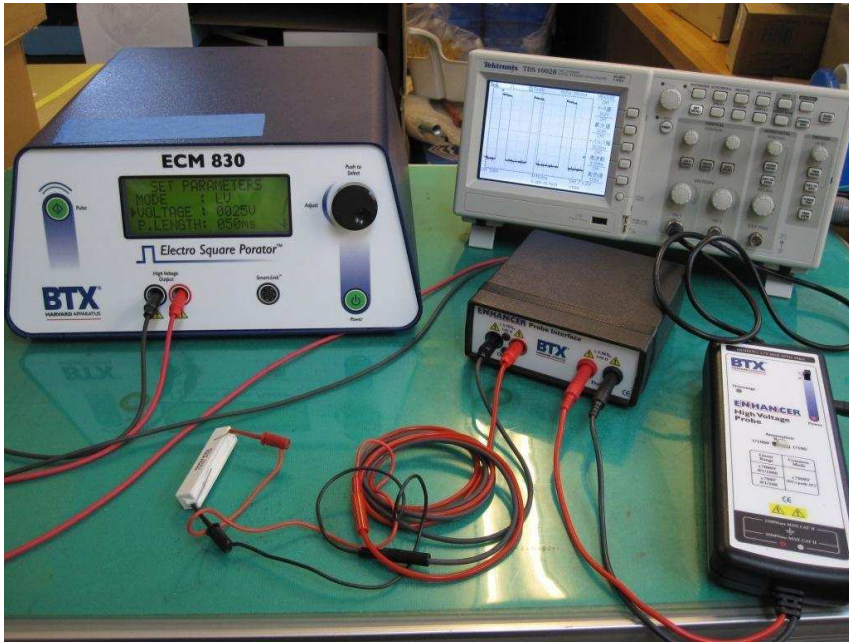
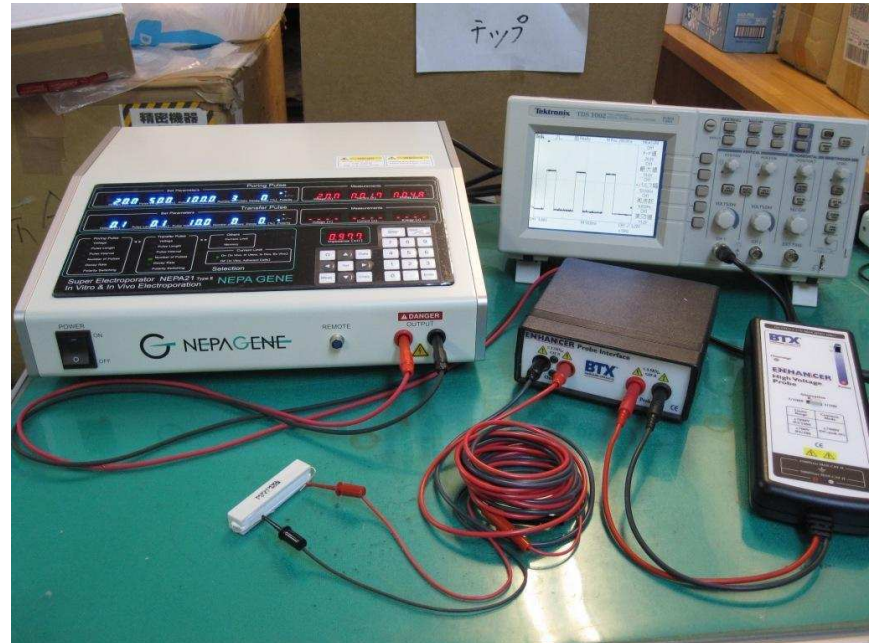


# Measurement and Display of Delivered EP Pulse

## Comparison of NEPA21 and BTX ECM830



**BTX ECM830**



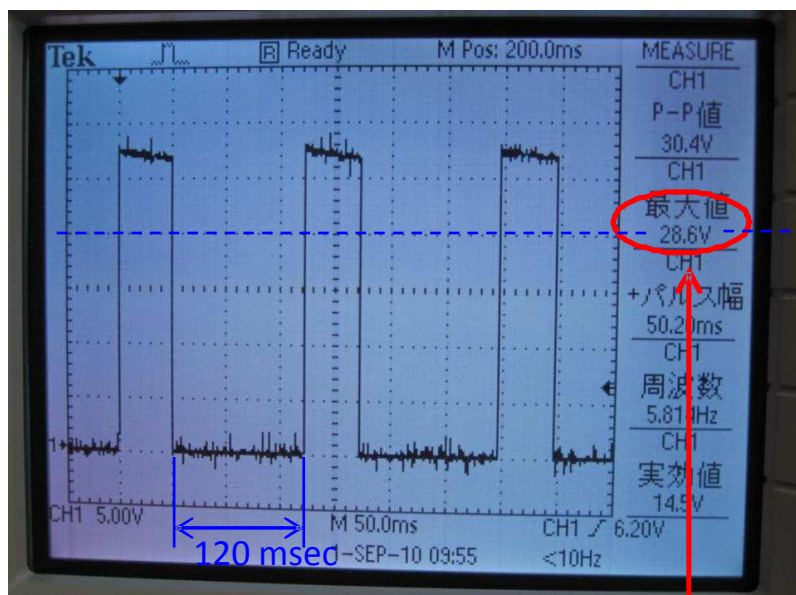
**Nepa Gene NEPA21**

We compared both devices using the following parameters:

- Setting Pulse Length: 50ms
- Setting Pulse Interval: 100ms
- Setting No. of Pulses: 3
- Setting Voltage: 20V, 25V, 30V, 40V, 50V
- Cement resister: 1000 ohms

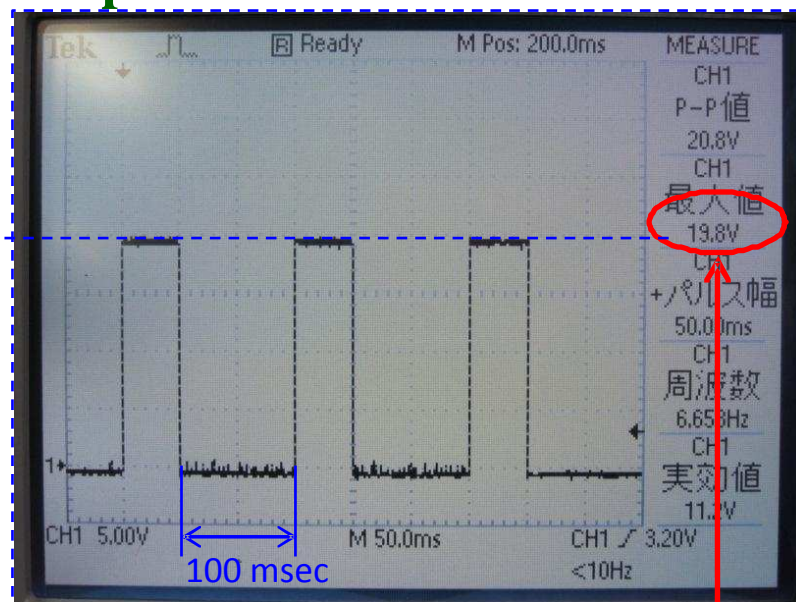
# Setting Voltage: 20V

## BTX ECM830



Actual Output Voltage: 28.6V

## Nepa Gene NEPA21



Actual Output Voltage: 19.8V

ECM830 Readout Voltage: 24V



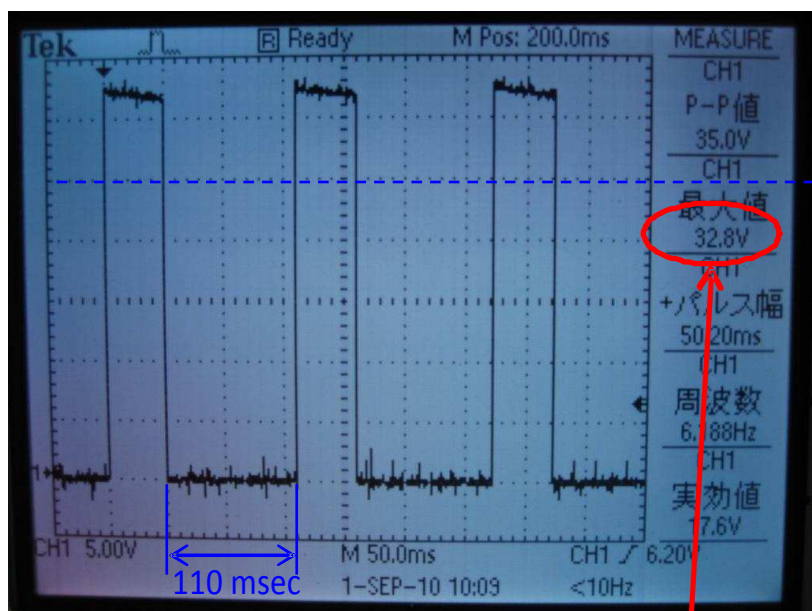
NEPA21 Readout Voltage: 20V





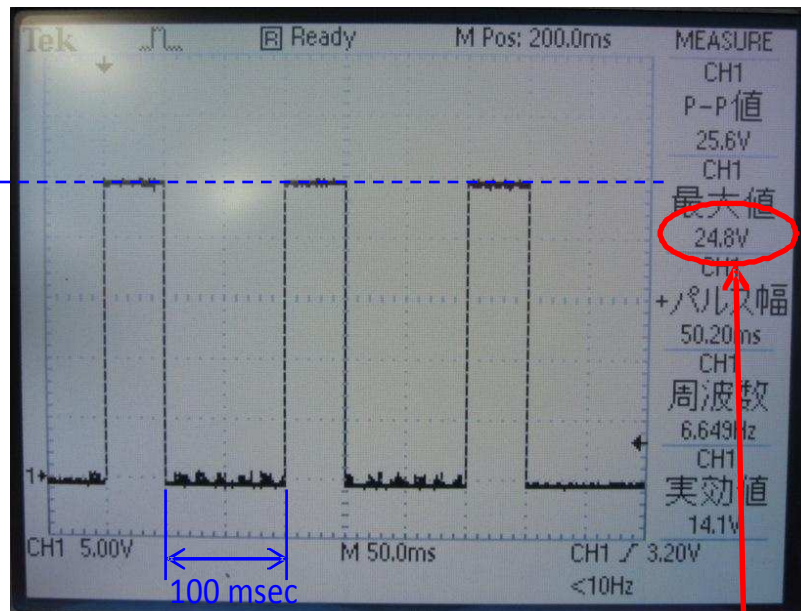
# Setting Voltage: 25V

## BTX ECM830



Actual Output Voltage: 32.8V

## Nepa Gene NEPA21



Actual Output Voltage: 24.8V

ECM830 Readout Voltage: 30V

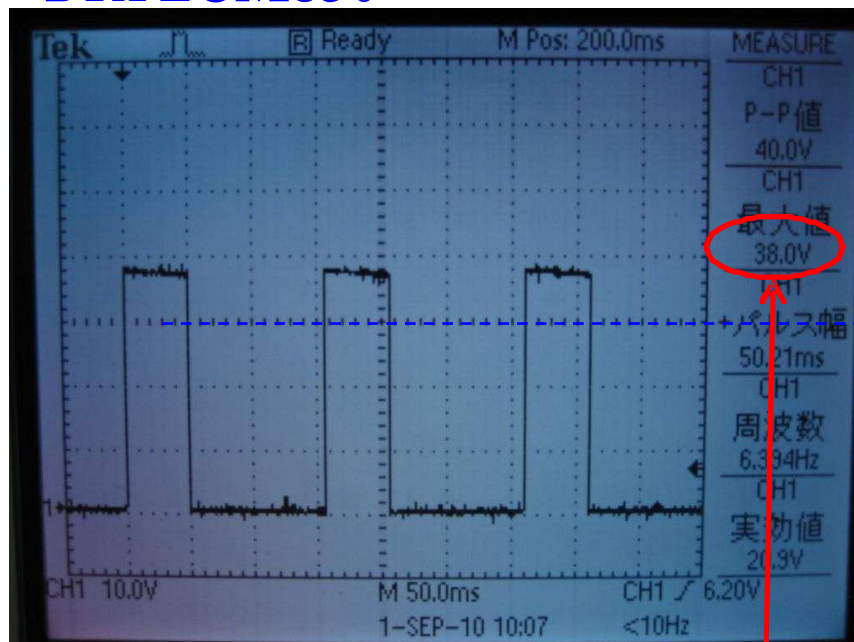


NEPA21 Readout Voltage: 25V



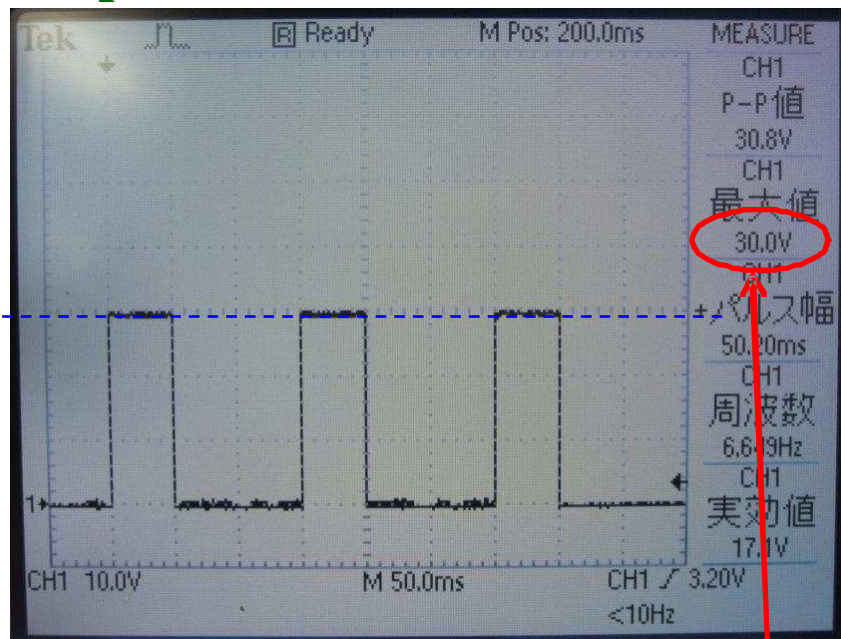
# Setting Voltage: 30V

## BTX ECM830



Actual Output Voltage: 38.0V

## Nepa Gene NEPA21



Actual Output Voltage: 30.0V

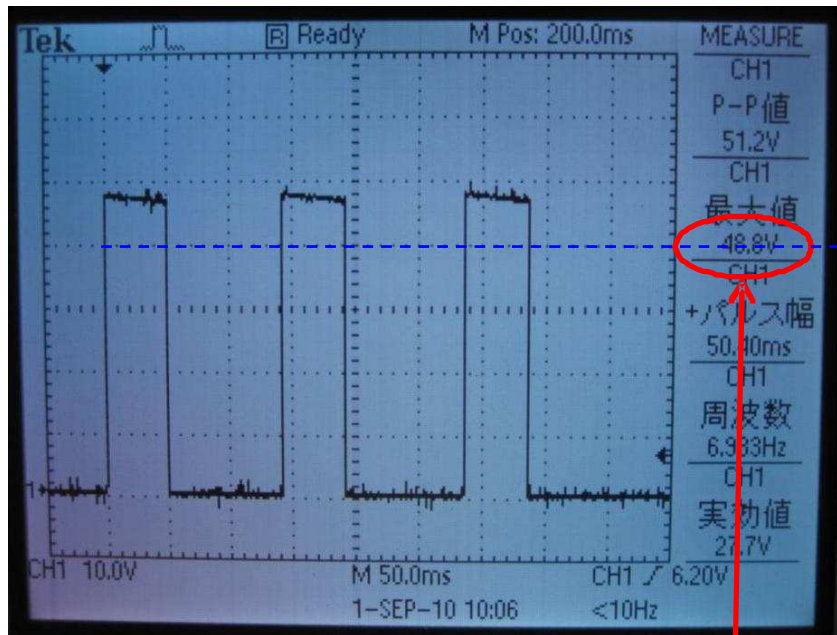
## NEPA21 Readout Voltage: 30.2V





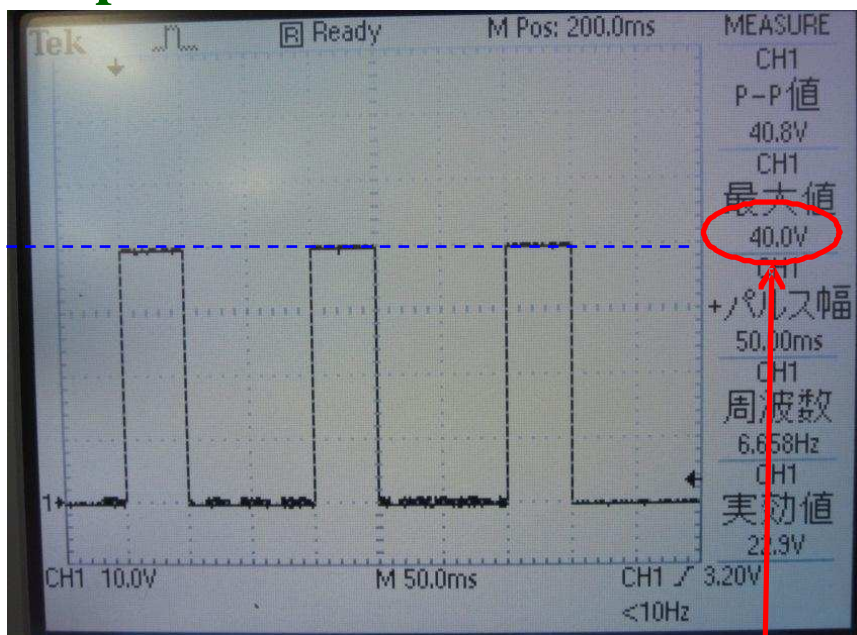
# Setting Voltage: 40V

## BTX ECM830



Actual Output Voltage: 48.8V

## Nepa Gene NEPA21



Actual Output Voltage: 40.0V

## ECM830 Readout Voltage: 45V

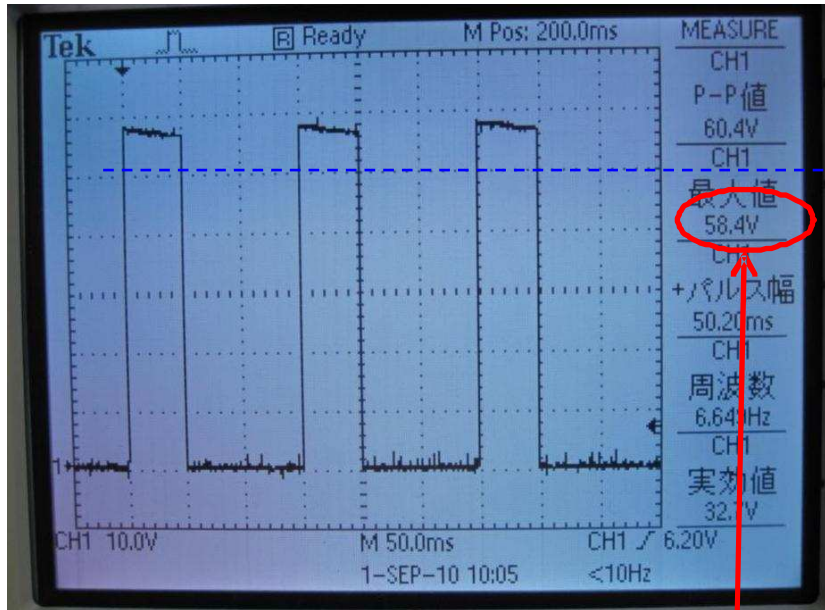


## NEPA21 Readout Voltage: 40.0V



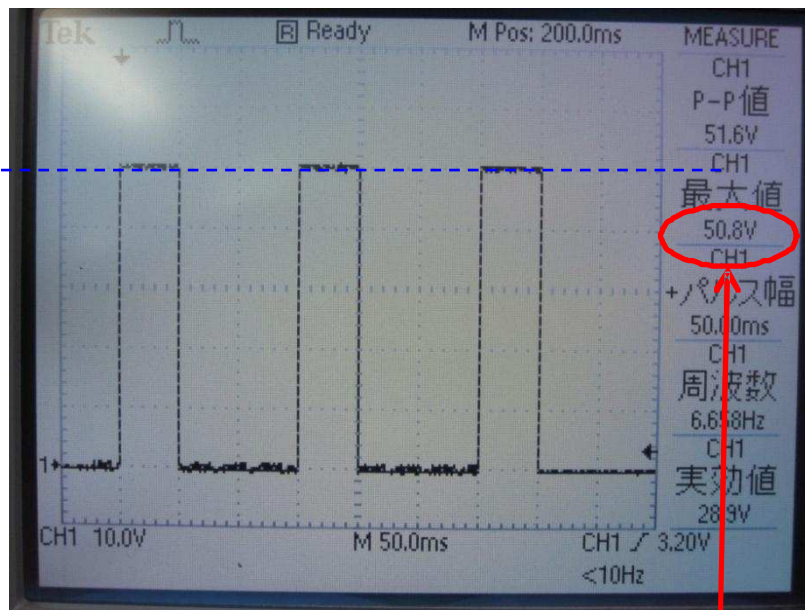
# Setting Voltage: 50V

## BTX ECM830



Actual Output Voltage: 58.4V

## Nepa Gene NEPA21



Actual Output Voltage: 50.8V

## ECM830 Readout Voltage: 54V



## NEPA21 Readout Voltage: 50.2V

