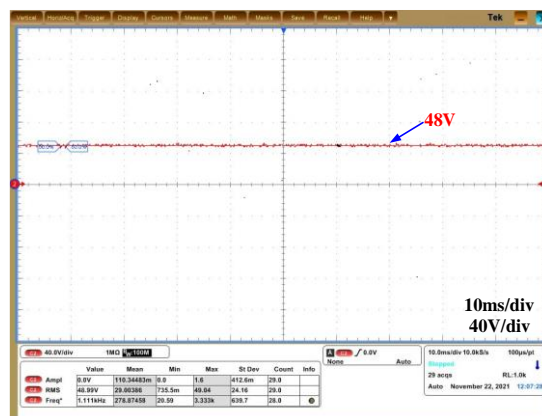


## Supplementary Material

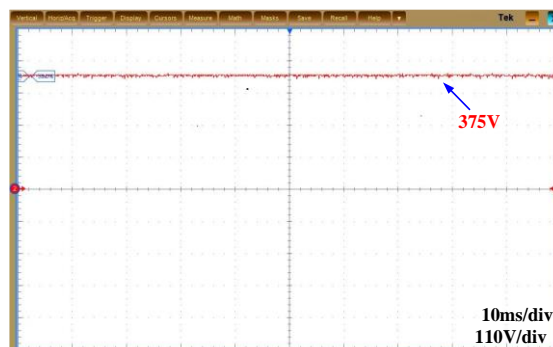
### 1 Supplementary Data

There is nothing to add to this section

### 2 Supplementary Figures and Tables



(A)



(B)

**Supplementary Figure 1.** Three-port converter output voltage waveforms (A) Low voltage side; (B) Medium voltage side