

# Output ripple and switching transients

**Tested device:** OfflineFlyback\_V1.0\_revB (Vout = 24 Vdc)

**Test equipment:**

- Rigol DHO924S
- Tenma 72-13200

**Test conditions:**

- Ambient temperature: 22 °C
- Input voltage: 236,1 Vac

**Test results - no load (Vpp = 69 mV):**



Figure 1: Ripple and noise @ 0 W (1)



Figure 2: Ripple and noise @ 0 W (2)



Figure 3: Ripple and noise @ 0 W (3)

Test results - 55 W load ( $V_{pp} = 64$  mV):

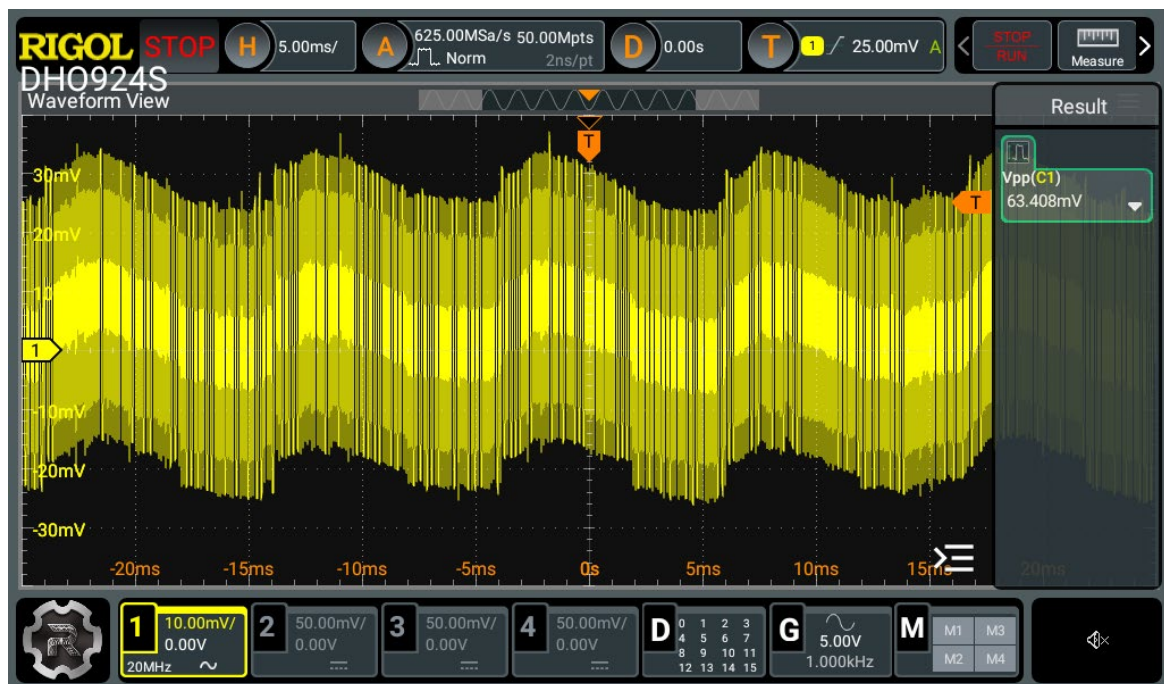


Figure 4: Ripple and noise @ 55 W (1)



Figure 5: Ripple and noise @ 55 W (2)



Figure 6: Ripple and noise @ 55 W (3)