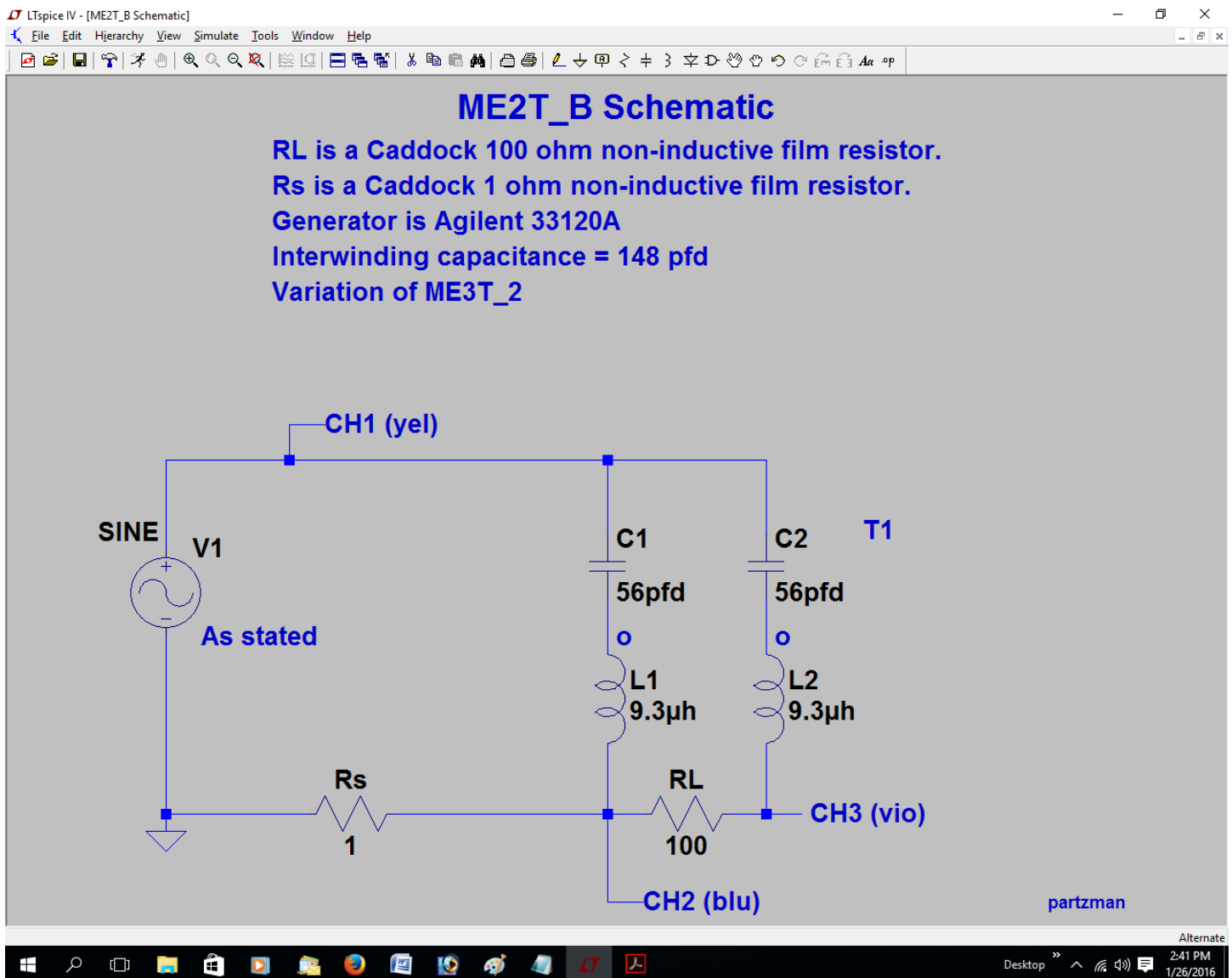
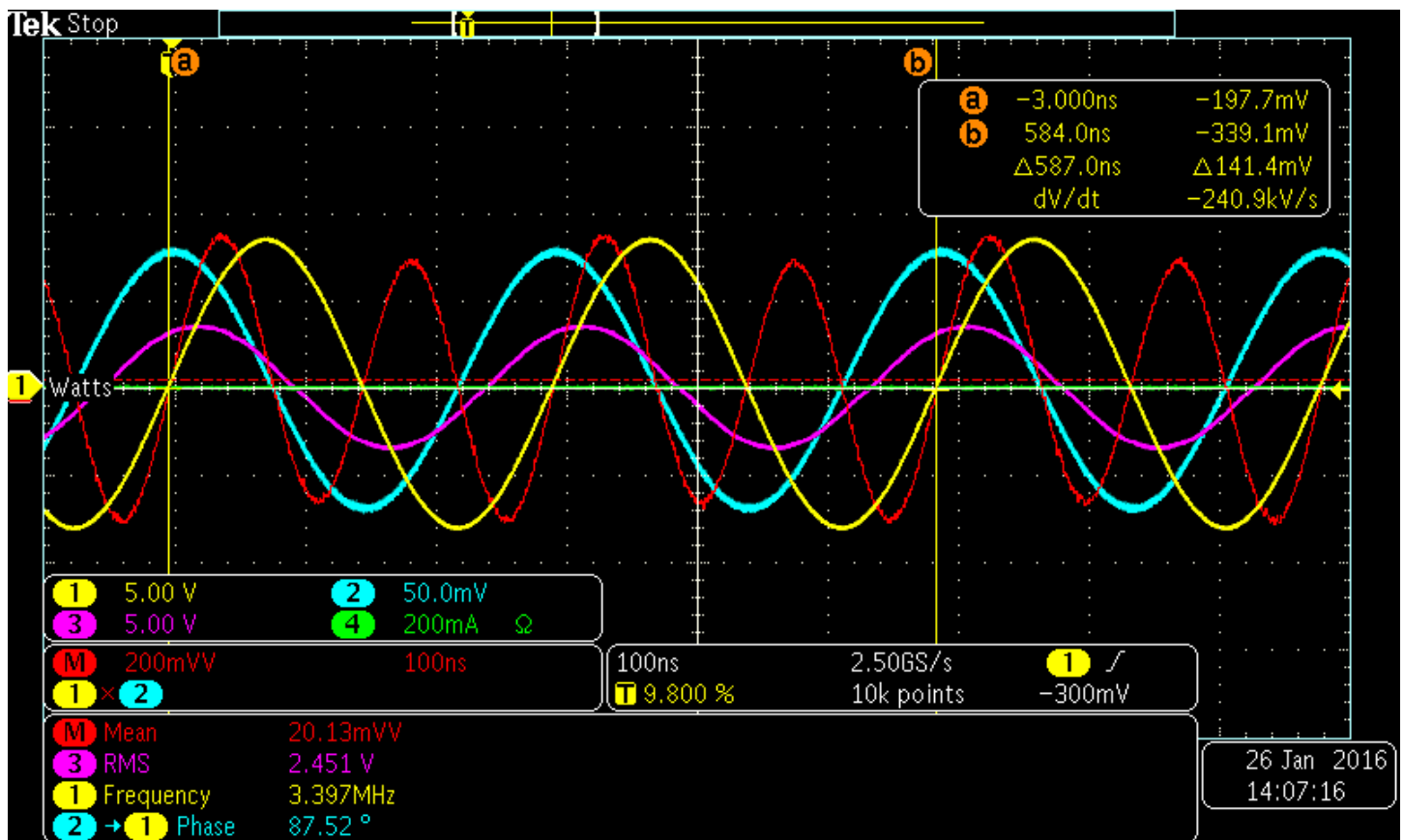


ME2T_2B Tests 1_26_16 jmf

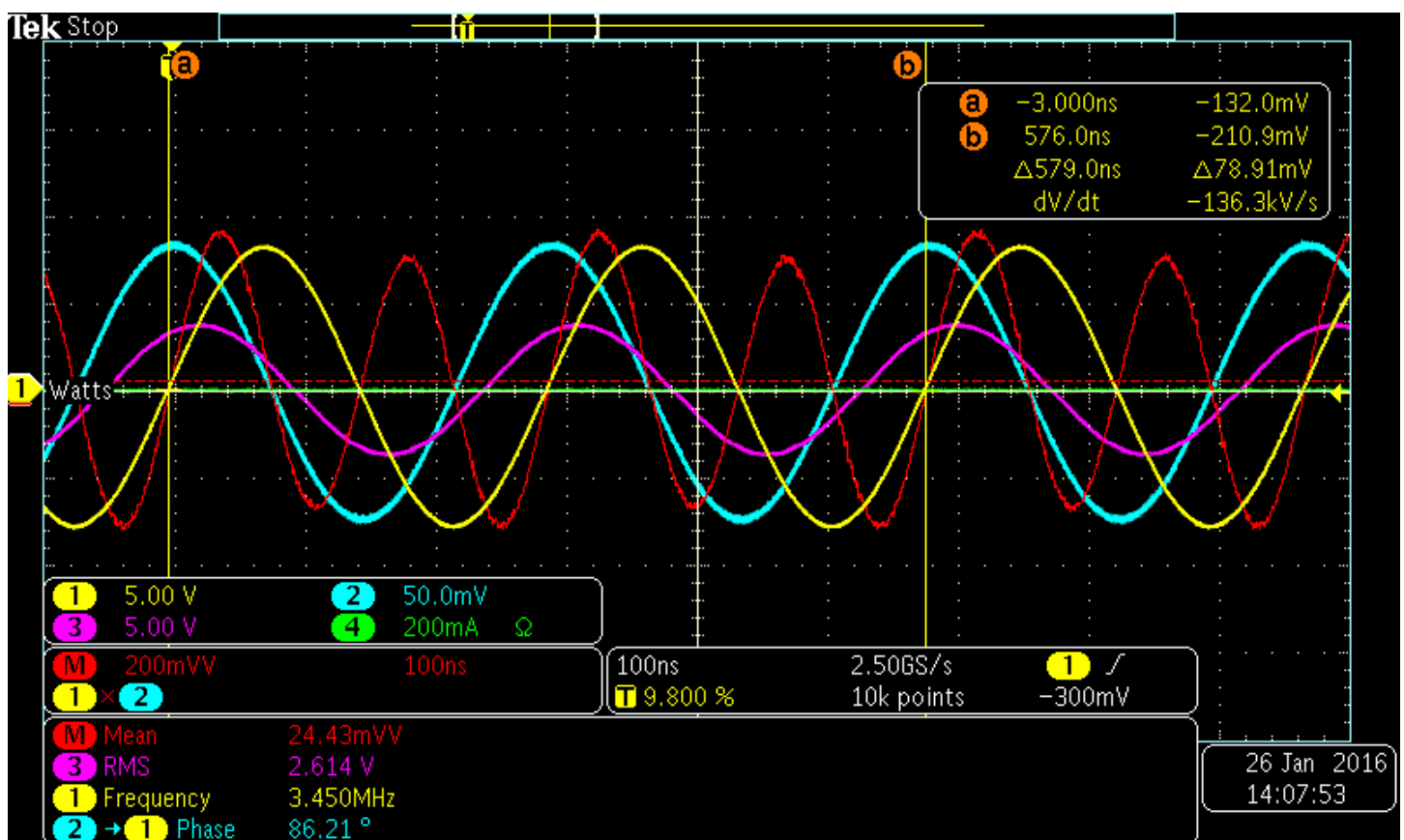
This test is a variation of the ME2T topology with the reversal of RL and C1 and C2. The Q is high and the power variations with frequency is apparent in the scope pix. T1 is two vertical windings with 15T each placed side by side and clamped for maximum inter-winding capacitance. The power range may be adjusted higher or lower by decreasing or increasing C1 and C2 respectively.



3.4 Mhz Pout = 60mw COP = 2.98



3.45 Mhz Pout = 68mw COP = 2.8



1lek Stop

a **b**

a	-3.000ns	-82.03mV
b	568.0ns	-144.5mV
	$\Delta 571.0$ ns	$\Delta 62.50$ mV
	dV/dt	-109.5kV/s

Watts

1	5.00 V	2	50.0mV
3	5.00 V	4	200mA Ω

M 200mVV 100ns

1 \times **2**

M Mean 34.43mVV

3 RMS 2.783 V

1 Frequency 3.501MHz

2 \rightarrow **1** Phase 84.31°

100ns 2.50GS/s **1** \nearrow

1 9.800 % 10k points -300mV

26 Jan 2016 14:04:30