

	calc	meas
2	470	461.5
3	1000	993
	2100	2194
	330	323.7

⑦ calc $\frac{10.31}{2191 + 323.7} = .0041 \text{ A}$

Read: $.004 \text{ A}$

⑩ 1-3: 95.8 k Ω

1-2: 41.05 k Ω

⑪ calc: $V = V_s \left(\frac{41.05}{95.80} \right) = 4.4178 \text{ Volts}$

$V_s = 10.31$

Meas: 5.88 Volts

$V = V_s - V_{drop} = 10.31 - 4.4178$

$V = 5.892 \text{ Volts}$

⑫ Cap, C = 4.7 MF

Read: 4.8 MF

meas

① $V = 10.31$

Current: $\text{Cal} = \frac{10.31}{2191} = .0047 \text{ A}$

⑥ Read: .005 A

calc $R_{eq} = \frac{1}{\frac{1}{2191} + \frac{1}{323.7}} = 282.032 \Omega$

meas 282.5 Ω

⑧ $I = \frac{10.31}{282.05} = .03655 \text{ A}$

$.03655 \left(\frac{2191}{2191 + 323.7} \right) = .0318 \text{ A}$

meas = .032 A

$.03655 \left(\frac{323.7}{\text{tot}} \right) = .0042 \text{ A}$

meas = 0.005

33.4 μH