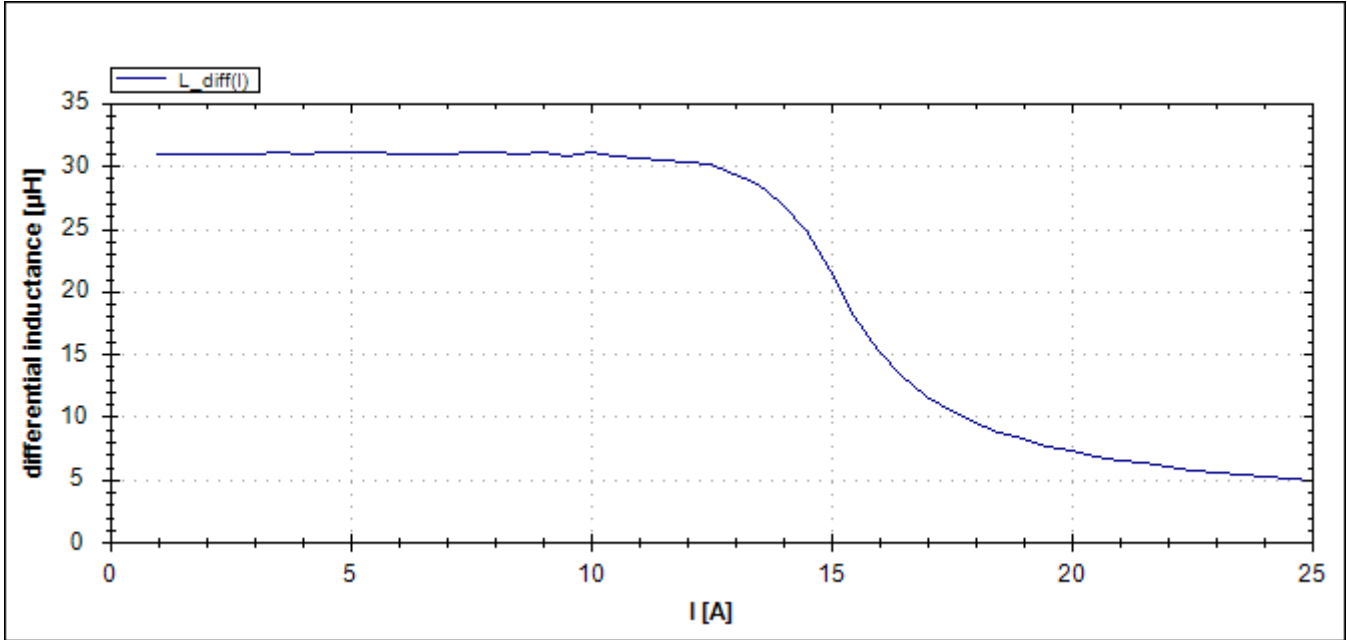


DPG10 Power Choke Tester

D.U.T.: Current Compensated Choke
 Inspector: ed-k
 Date: 3/13/2026 12:26:24 AM
 Parameters: 25 A / 20 V / 100 (29) μ s
 Resistance: 22.42 mOhm



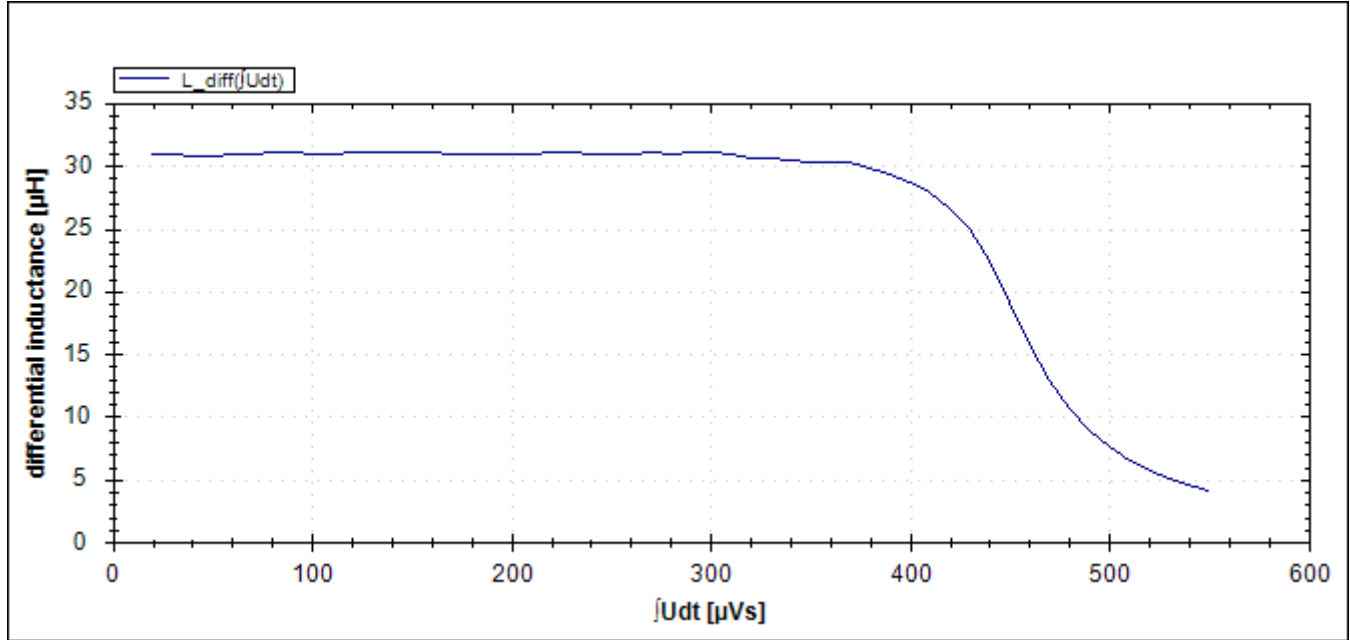
Current [A]	L _{diff} [μH]	Current [A]	L _{diff} [μH]	Current [A]	L _{diff} [μH]	Current [A]	L _{diff} [μH]	Current [A]	L _{diff} [μH]
		10.5	30.8	20.5	6.86				
1.0	31.0	11.0	30.6	21.0	6.53				
1.5	30.9	11.5	30.5	21.5	6.25				
2.0	31.0	12.0	30.3	22.0	5.99				
2.5	30.9	12.5	30.1	22.5	5.76				
3.0	31.0	13.0	29.4	23.0	5.55				
3.5	31.0	13.5	28.5	23.5	5.36				
4.0	30.9	14.0	27.0	24.0	5.18				
4.5	31.1	14.5	24.9	24.5	5.02				
5.0	31.0	15.0	21.6	25.0	4.87				
5.5	31.0	15.5	18.0						
6.0	30.9	16.0	15.2						
6.5	30.9	16.5	13.1						
7.0	30.9	17.0	11.6						
7.5	31.0	17.5	10.4						
8.0	31.1	18.0	9.52						
8.5	30.9	18.5	8.78						
9.0	31.0	19.0	8.17						
9.5	30.8	19.5	7.67						
10.0	31.0	20.0	7.24						

Remarks:

TDK B82725-A2802-N1, 2x 2,7mH / 8A, leakage inductance

DPG10 Power Choke Tester

D.U.T.: Current Compensated Choke
 Inspector: ed-k
 Date: 3/13/2026 12:26:24 AM
 Parameters: 25 A / 20 V / 100 (29) μ s
 Resistance: 22.42 mOhm



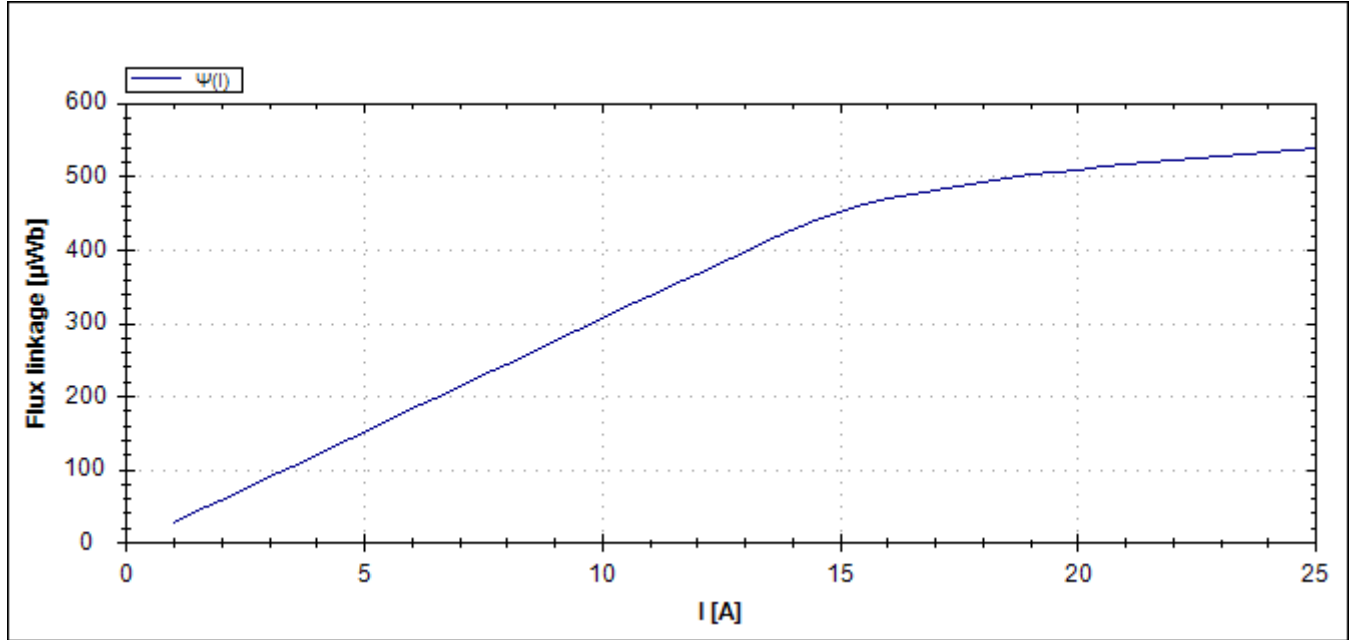
[Udt [μ Vs]	L_{diff} [μ H]	[Udt [μ Vs]	L_{diff} [μ H]	[Udt [μ Vs]	L_{diff} [μ H]	[Udt [μ Vs]	L_{diff} [μ H]	[Udt [μ Vs]	L_{diff} [μ H]
		210	30.9	410	27.8				
20	31.0	220	31.0	420	26.6				
30	30.9	230	31.0	430	25.0				
40	30.8	240	31.0	440	22.4				
50	30.8	250	30.9	450	19.0				
60	30.9	260	31.0	460	15.7				
70	30.9	270	31.0	470	12.8				
80	31.0	280	30.9	480	10.6				
90	31.1	290	31.0	490	8.86				
100	30.9	300	31.1	500	7.54				
110	31.0	310	30.9	510	6.51				
120	31.1	320	30.6	520	5.70				
130	31.1	330	30.5	530	5.04				
140	31.1	340	30.5	540	4.50				
150	31.1	350	30.3	550	4.07				
160	31.0	360	30.3						
170	30.9	370	30.2						
180	30.9	380	29.9						
190	30.9	390	29.3						
200	30.9	400	28.7						

Remarks:

TDK B82725-A2802-N1, 2x 2,7mH / 8A, leakage inductance

DPG10 Power Choke Tester

D.U.T.: Current Compensated Choke
 Inspector: ed-k
 Date: 3/13/2026 12:26:24 AM
 Parameters: 25 A / 20 V / 100 (29) μ s
 Resistance: 22.42 mOhm



Current [A]	Ψ [μ Wb]	Current [A]	Ψ [μ Wb]	Current [A]	Ψ [μ Wb]	Current [A]	Ψ [μ Wb]	Current [A]	Ψ [μ Wb]
		10.5	321	20.5	512				
1.0	27.2	11.0	336	21.0	516				
1.5	42.5	11.5	352	21.5	519				
2.0	57.8	12.0	367	22.0	522				
2.5	73.2	12.5	382	22.5	525				
3.0	88.6	13.0	397	23.0	528				
3.5	104	13.5	411	23.5	531				
4.0	120	14.0	425	24.0	533				
4.5	135	14.5	438	24.5	536				
5.0	151	15.0	450	25.0	538				
5.5	166	15.5	460						
6.0	182	16.0	469						
6.5	197	16.5	476						
7.0	213	17.0	482						
7.5	228	17.5	487						
8.0	244	18.0	492						
8.5	259	18.5	497						
9.0	275	19.0	501						
9.5	290	19.5	505						
10.0	306	20.0	509						

Remarks:

TDK B82725-A2802-N1, 2x 2,7mH / 8A, leakage inductance