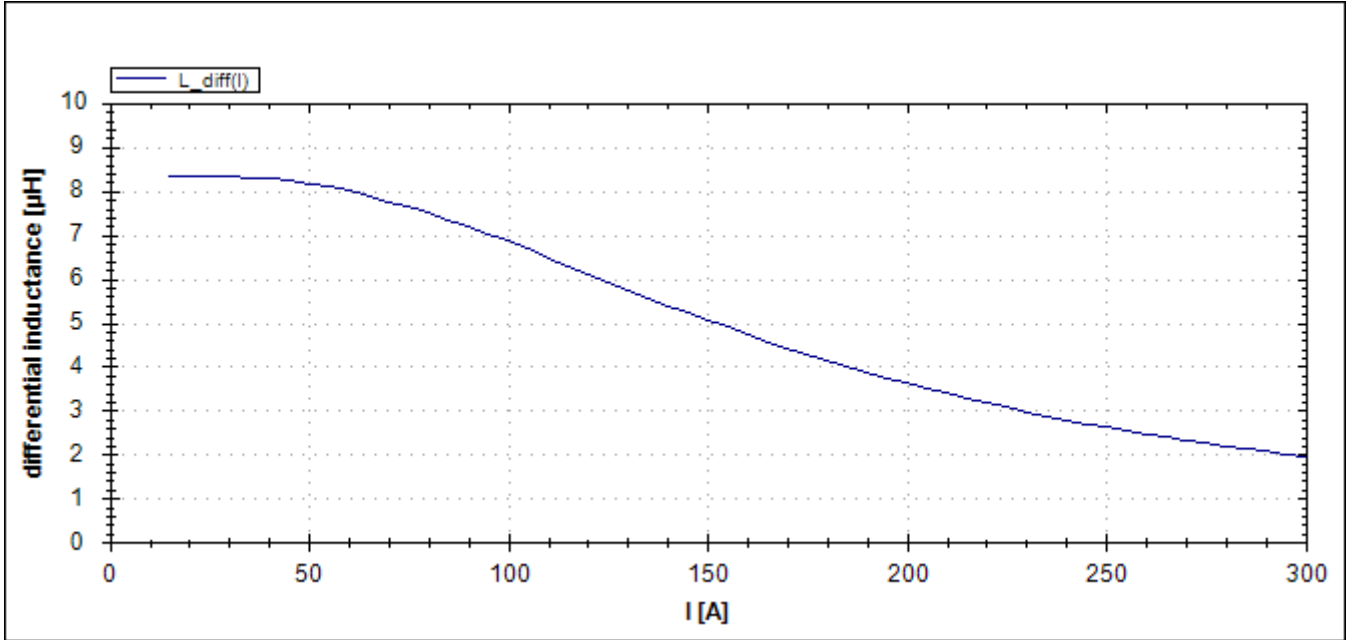


DPG10 Power Choke Tester

D.U.T.: HighFlux
 Inspector: ed-k
 Date: 3/11/2026 11:36:28 PM
 Parameters: 300 A / 80 V / 100 (22) μ s
 Resistance: 0.71 mOhm



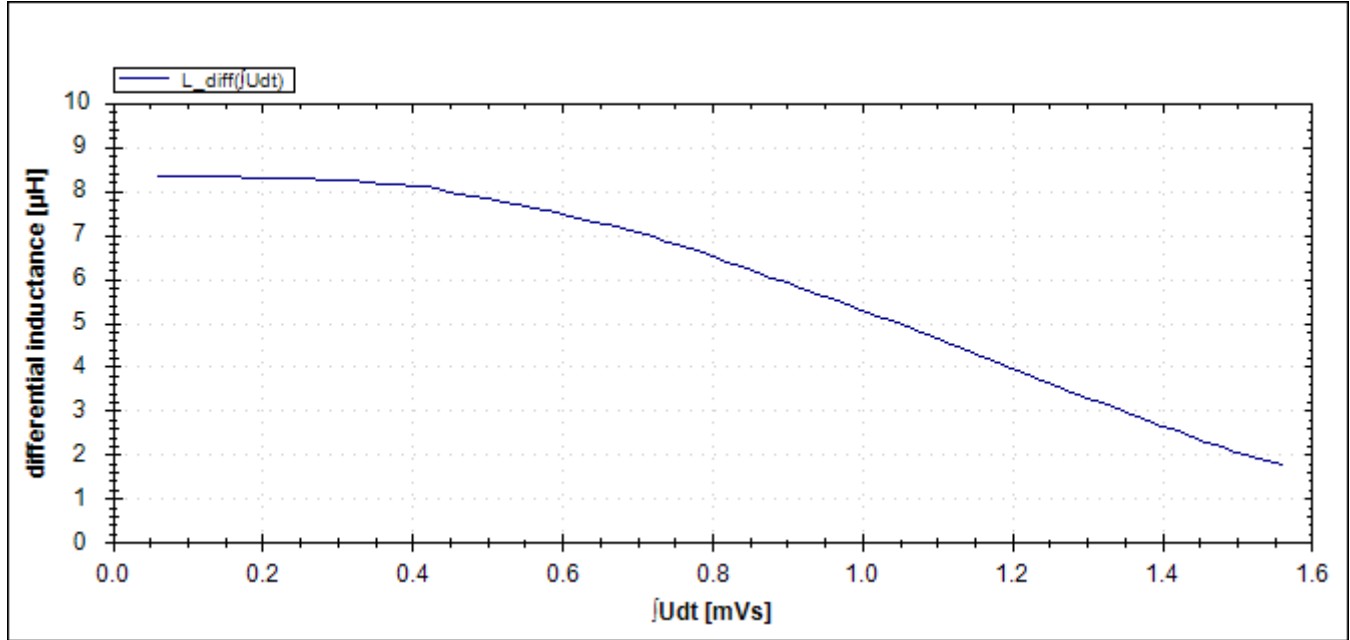
Current [A]	L _{diff} [μH]	Current [A]	L _{diff} [μH]	Current [A]	L _{diff} [μH]	Current [A]	L _{diff} [μH]	Current [A]	L _{diff} [μH]
		105	6.67	205	3.50				
		110	6.47	210	3.38				
15	8.32	115	6.28	215	3.27				
20	8.32	120	6.10	220	3.17				
25	8.32	125	5.93	225	3.06				
30	8.31	130	5.75	230	2.97				
35	8.30	135	5.56	235	2.87				
40	8.26	140	5.38	240	2.78				
45	8.23	145	5.23	245	2.70				
50	8.15	150	5.06	250	2.61				
55	8.12	155	4.89	255	2.53				
60	8.02	160	4.72	260	2.46				
65	7.88	165	4.56	265	2.39				
70	7.76	170	4.42	270	2.32				
75	7.63	175	4.29	275	2.25				
80	7.50	180	4.14	280	2.18				
85	7.34	185	4.01	285	2.12				
90	7.18	190	3.87	290	2.06				
95	7.02	195	3.74	295	2.00				
100	6.85	200	3.61	300	1.95				

Remarks:

High Flux toroidal core R58, 10 turns HFL 300x0.2

DPG10 Power Choke Tester

D.U.T.: HighFlux
 Inspector: ed-k
 Date: 3/11/2026 11:36:28 PM
 Parameters: 300 A / 80 V / 100 (22) μ s
 Resistance: 0.71 mOhm



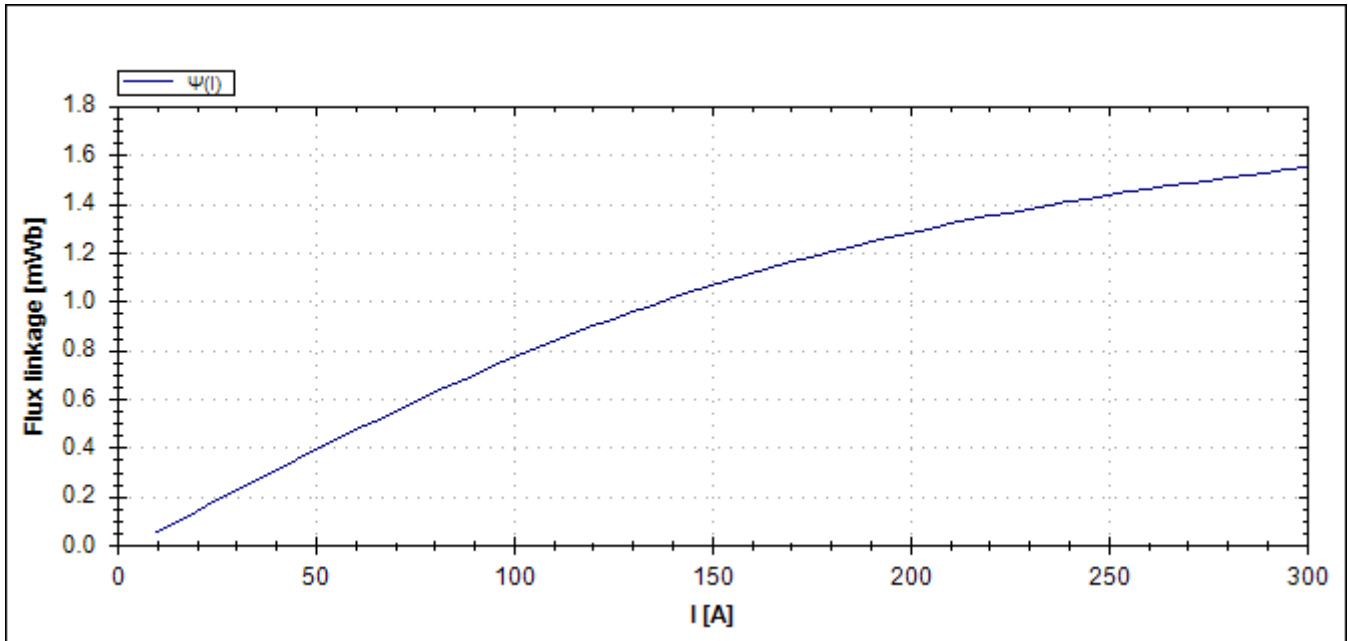
[Udt [mVs]]	L _{diff} [μH]	[Udt [mVs]]	L _{diff} [μH]	[Udt [mVs]]	L _{diff} [μH]	[Udt [mVs]]	L _{diff} [μH]	[Udt [mVs]]	L _{diff} [μH]
		0.42	8.09	0.82	6.38	1.22	3.82		
		0.44	8.01	0.84	6.26	1.24	3.69		
0.06	8.32	0.46	7.94	0.86	6.14	1.26	3.55		
0.08	8.32	0.48	7.88	0.88	6.03	1.28	3.42		
0.10	8.32	0.50	7.82	0.90	5.91	1.30	3.29		
0.12	8.32	0.52	7.75	0.92	5.80	1.32	3.16		
0.14	8.31	0.54	7.68	0.94	5.66	1.34	3.02		
0.16	8.31	0.56	7.62	0.96	5.53	1.36	2.90		
0.18	8.31	0.58	7.55	0.98	5.40	1.38	2.77		
0.20	8.30	0.60	7.47	1.00	5.28	1.40	2.64		
0.22	8.30	0.62	7.39	1.02	5.16	1.42	2.52		
0.24	8.30	0.64	7.30	1.04	5.03	1.44	2.40		
0.26	8.28	0.66	7.22	1.06	4.89	1.46	2.28		
0.28	8.26	0.68	7.12	1.08	4.75	1.48	2.17		
0.30	8.24	0.70	7.03	1.10	4.61	1.50	2.05		
0.32	8.23	0.72	6.94	1.12	4.48	1.52	1.94		
0.34	8.18	0.74	6.84	1.14	4.36	1.54	1.84		
0.36	8.16	0.76	6.74	1.16	4.23	1.56	1.74		
0.38	8.15	0.78	6.62	1.18	4.10				
0.40	8.12	0.80	6.49	1.20	3.96				

Remarks:

High Flux toroidal core R58, 10 turns HFL 300x0.2

DPG10 Power Choke Tester

D.U.T.: HighFlux
 Inspector: ed-k
 Date: 3/11/2026 11:36:28 PM
 Parameters: 300 A / 80 V / 100 (22) μ s
 Resistance: 0.71 mOhm



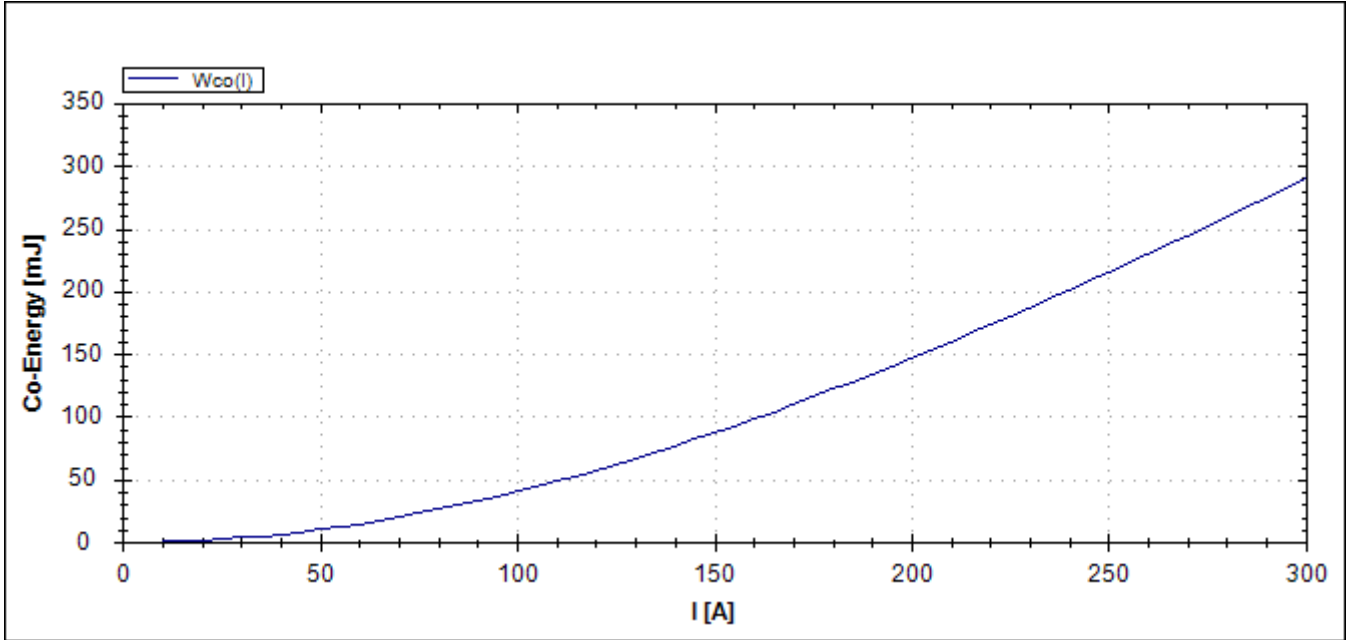
Current [A]	Ψ [mWb]	Current [A]	Ψ [mWb]	Current [A]	Ψ [mWb]	Current [A]	Ψ [mWb]	Current [A]	Ψ [mWb]
		105	0.802	205	1.30				
10	0.0581	110	0.835	210	1.32				
15	0.0992	115	0.867	215	1.33				
20	0.140	120	0.898	220	1.35				
25	0.182	125	0.928	225	1.36				
30	0.223	130	0.957	230	1.38				
35	0.265	135	0.986	235	1.39				
40	0.306	140	1.01	240	1.41				
45	0.348	145	1.04	245	1.42				
50	0.389	150	1.07	250	1.43				
55	0.429	155	1.09	255	1.45				
60	0.470	160	1.11	260	1.46				
65	0.510	165	1.14	265	1.47				
70	0.549	170	1.16	270	1.48				
75	0.587	175	1.18	275	1.50				
80	0.625	180	1.20	280	1.51				
85	0.662	185	1.22	285	1.52				
90	0.698	190	1.24	290	1.53				
95	0.734	195	1.26	295	1.54				
100	0.769	200	1.28	300	1.55				

Remarks:

High Flux toroidal core R58, 10 turns HFL 300x0.2

DPG10 Power Choke Tester

D.U.T.: HighFlux
 Inspector: ed-k
 Date: 3/11/2026 11:36:28 PM
 Parameters: 300 A / 80 V / 100 (22) μ s
 Resistance: 0.71 mOhm



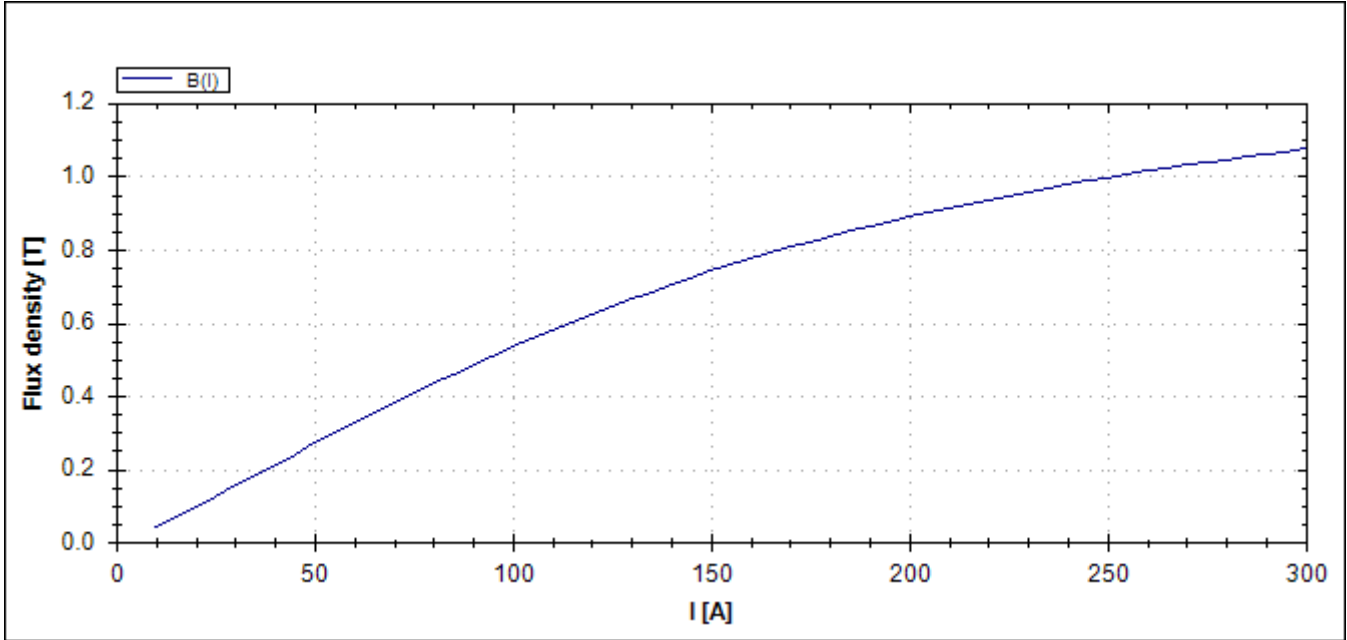
Current [A]	W_{CO} [mJ]	Current [A]	W_{CO} [mJ]	Current [A]	W_{CO} [mJ]	Current [A]	W_{CO} [mJ]	Current [A]	W_{CO} [mJ]
		105	44.2	205	153				
10	0.290	110	48.4	210	160				
15	0.786	115	52.7	215	166				
20	1.49	120	57.2	220	173				
25	2.40	125	61.9	225	180				
30	3.52	130	66.7	230	187				
35	4.84	135	71.6	235	194				
40	6.37	140	76.6	240	201				
45	8.11	145	81.8	245	208				
50	10.1	150	87.2	250	215				
55	12.2	155	92.6	255	222				
60	14.6	160	98.2	260	230				
65	17.1	165	104	265	237				
70	19.8	170	110	270	244				
75	22.8	175	116	275	252				
80	25.9	180	122	280	259				
85	29.2	185	128	285	267				
90	32.7	190	134	290	275				
95	36.4	195	140	295	282				
100	40.2	200	147	300	290				

Remarks:

High Flux toroidal core R58, 10 turns HFL 300x0.2

DPG10 Power Choke Tester

D.U.T.: HighFlux
 Inspector: ed-k
 Date: 3/11/2026 11:36:28 PM
 Parameters: 300 A / 80 V / 100 (22) μ s
 Resistance: 0.71 mOhm



Current [A]	B [T]	Current [A]	B [T]	Current [A]	B [T]	Current [A]	B [T]	Current [A]	B [T]
		105	0.557	205	0.901				
10	0.0403	110	0.580	210	0.913				
15	0.0689	115	0.602	215	0.925				
20	0.0975	120	0.624	220	0.936				
25	0.126	125	0.645	225	0.947				
30	0.155	130	0.665	230	0.957				
35	0.184	135	0.684	235	0.968				
40	0.213	140	0.703	240	0.977				
45	0.241	145	0.722	245	0.987				
50	0.270	150	0.740	250	0.996				
55	0.298	155	0.757	255	1.01				
60	0.326	160	0.774	260	1.01				
65	0.354	165	0.790	265	1.02				
70	0.381	170	0.805	270	1.03				
75	0.408	175	0.821	275	1.04				
80	0.434	180	0.835	280	1.05				
85	0.460	185	0.849	285	1.05				
90	0.485	190	0.863	290	1.06				
95	0.510	195	0.876	295	1.07				
100	0.534	200	0.889	300	1.07				

Remarks:

High Flux toroidal core R58, 10 turns HFL 300x0.2