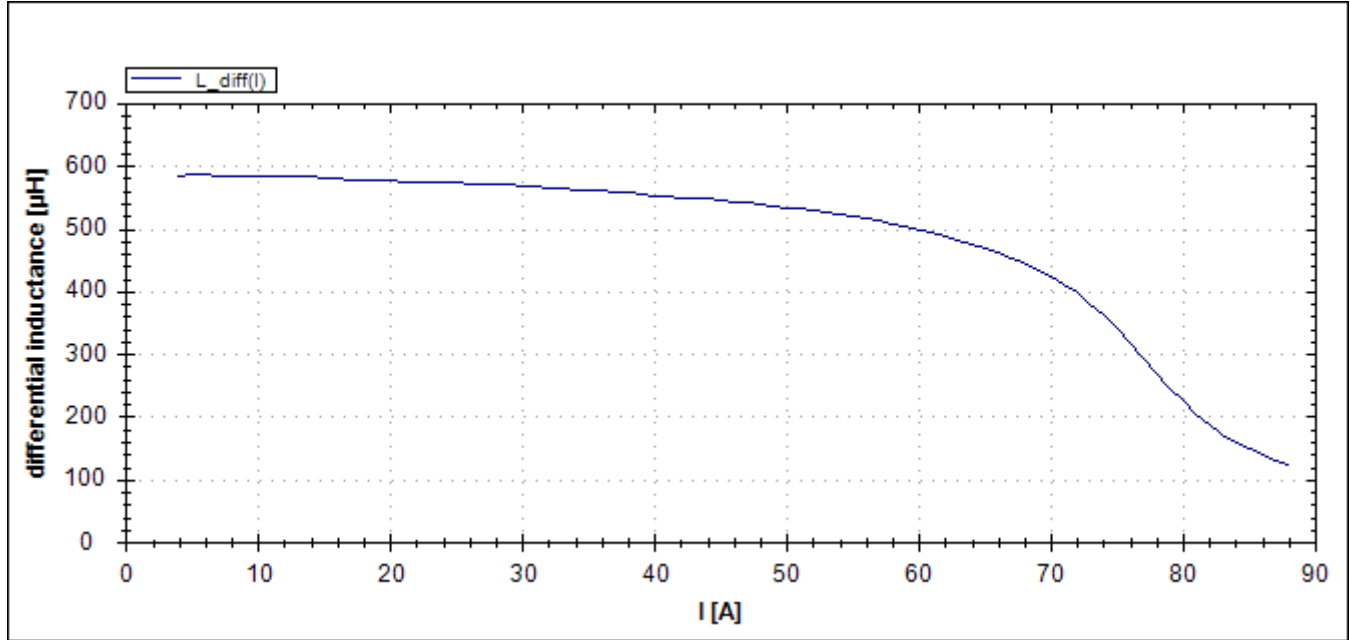


# DPG10 Power Choke Tester

D.U.T.: PFC choke  
 Inspector: ed-k  
 Date: 3/12/2026 12:12:19 AM  
 Parameters: 90 A / 100 V / 1000 (436)  $\mu$ s  
 Resistance: 39.6 mOhm



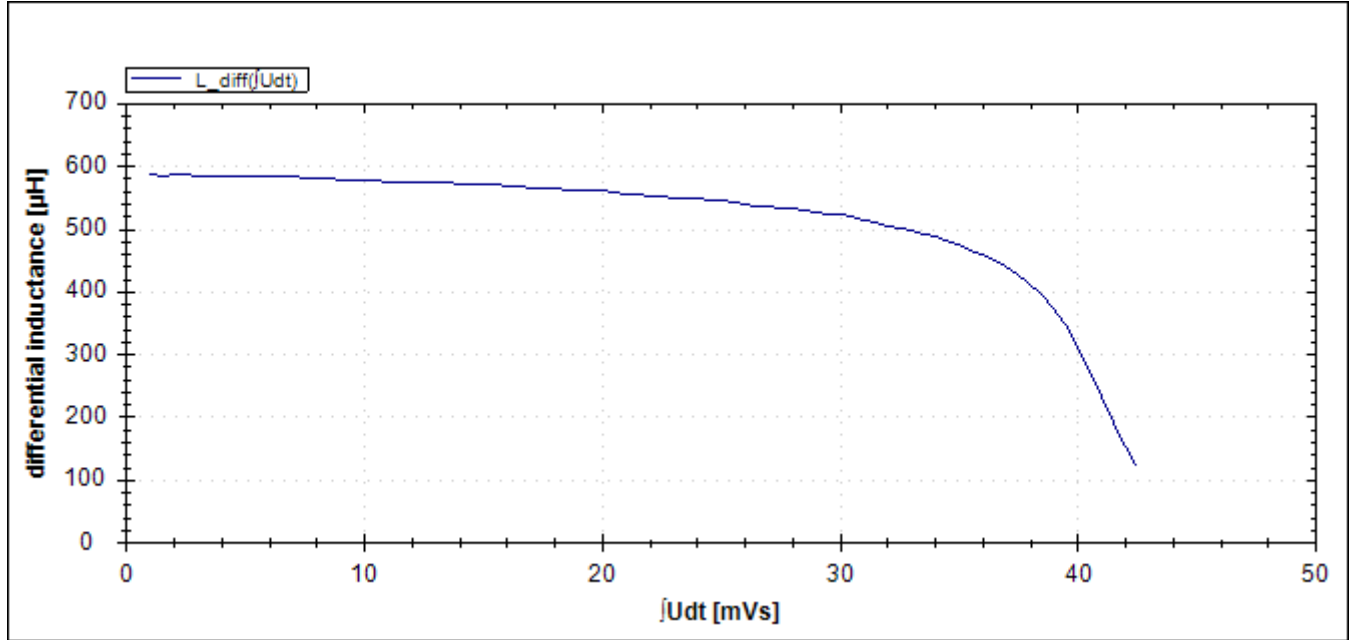
Current [A]	L <sub>diff</sub> [μH]	Current [A]	L <sub>diff</sub> [μH]	Current [A]	L <sub>diff</sub> [μH]	Current [A]	L <sub>diff</sub> [μH]	Current [A]	L <sub>diff</sub> [μH]
		21	575	41	551	61	494	81	204
		22	573	42	550	62	488	82	187
		23	573	43	548	63	482	83	172
4	584	24	573	44	547	64	476	84	159
5	585	25	572	45	545	65	469	85	148
6	585	26	572	46	543	66	462	86	138
7	585	27	571	47	540	67	454	87	130
8	583	28	570	48	537	68	445	88	123
9	583	29	569	49	534	69	435		
10	582	30	567	50	532	70	423		
11	583	31	566	51	531	71	411		
12	583	32	564	52	529	72	397		
13	583	33	563	53	526	73	380		
14	582	34	561	54	523	74	361		
15	580	35	561	55	520	75	340		
16	579	36	560	56	516	76	317		
17	578	37	559	57	512	77	293		
18	578	38	556	58	507	78	269		
19	578	39	554	59	502	79	246		
20	577	40	552	60	498	80	224		

Remarks:

AMCC63 core

# DPG10 Power Choke Tester

D.U.T.: PFC choke  
 Inspector: ed-k  
 Date: 3/12/2026 12:12:19 AM  
 Parameters: 90 A / 100 V / 1000 (436)  $\mu$ s  
 Resistance: 39.6 mOhm



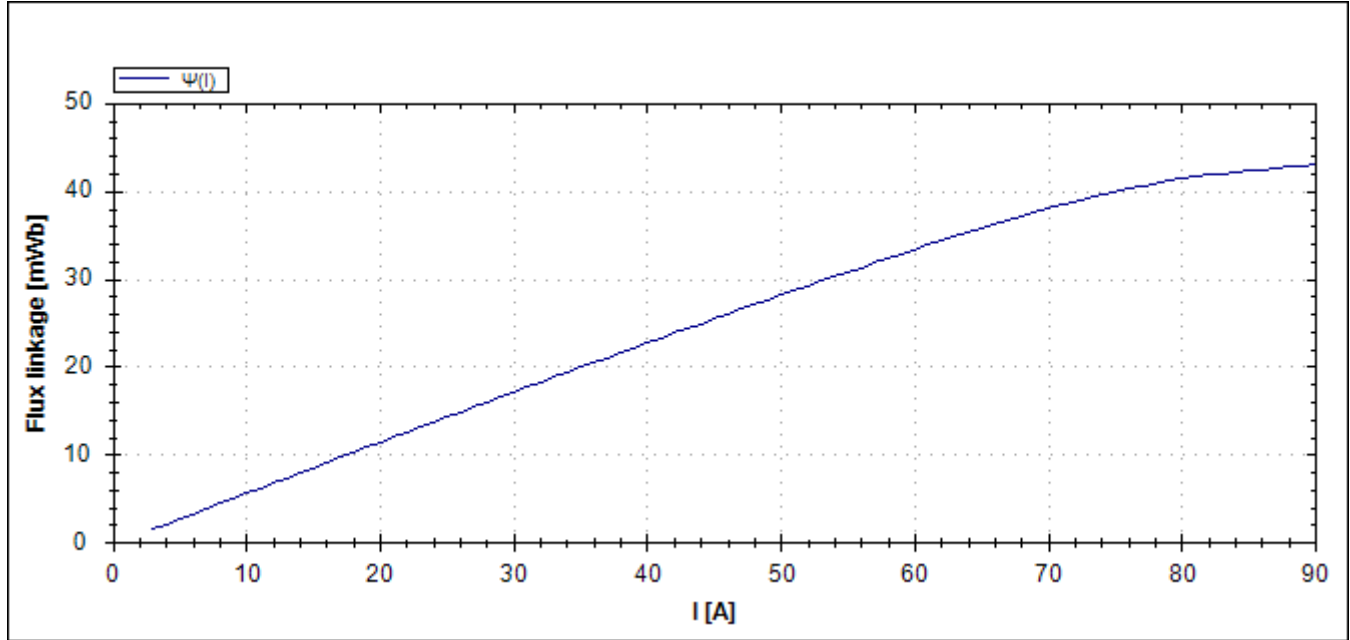
[Udt [mVs]]	L <sub>diff</sub> [μH]	[Udt [mVs]]	L <sub>diff</sub> [μH]	[Udt [mVs]]	L <sub>diff</sub> [μH]	[Udt [mVs]]	L <sub>diff</sub> [μH]	[Udt [mVs]]	L <sub>diff</sub> [μH]
		10.5	577	20.5	558	30.5	518	40.5	274
1.0	585	11.0	575	21.0	556	31.0	514	41.0	232
1.5	585	11.5	574	21.5	554	31.5	509	41.5	189
2.0	585	12.0	573	22.0	552	32.0	505	42.0	152
2.5	585	12.5	573	22.5	551	32.5	500	42.5	123
3.0	584	13.0	573	23.0	549	33.0	496		
3.5	584	13.5	572	23.5	549	33.5	492		
4.0	584	14.0	571	24.0	547	34.0	486		
4.5	584	14.5	571	24.5	546	34.5	480		
5.0	583	15.0	570	25.0	544	35.0	473		
5.5	583	15.5	569	25.5	542	35.5	466		
6.0	583	16.0	568	26.0	540	36.0	458		
6.5	582	16.5	567	26.5	537	36.5	448		
7.0	582	17.0	566	27.0	534	37.0	438		
7.5	581	17.5	564	27.5	532	37.5	426		
8.0	579	18.0	563	28.0	531	38.0	411		
8.5	579	18.5	561	28.5	529	38.5	394		
9.0	578	19.0	561	29.0	527	39.0	373		
9.5	578	19.5	560	29.5	524	39.5	346		
10.0	578	20.0	560	30.0	521	40.0	313		

Remarks:

AMCC63 core

# DPG10 Power Choke Tester

D.U.T.: PFC choke  
 Inspector: ed-k  
 Date: 3/12/2026 12:12:19 AM  
 Parameters: 90 A / 100 V / 1000 (436)  $\mu$ s  
 Resistance: 39.6 mOhm



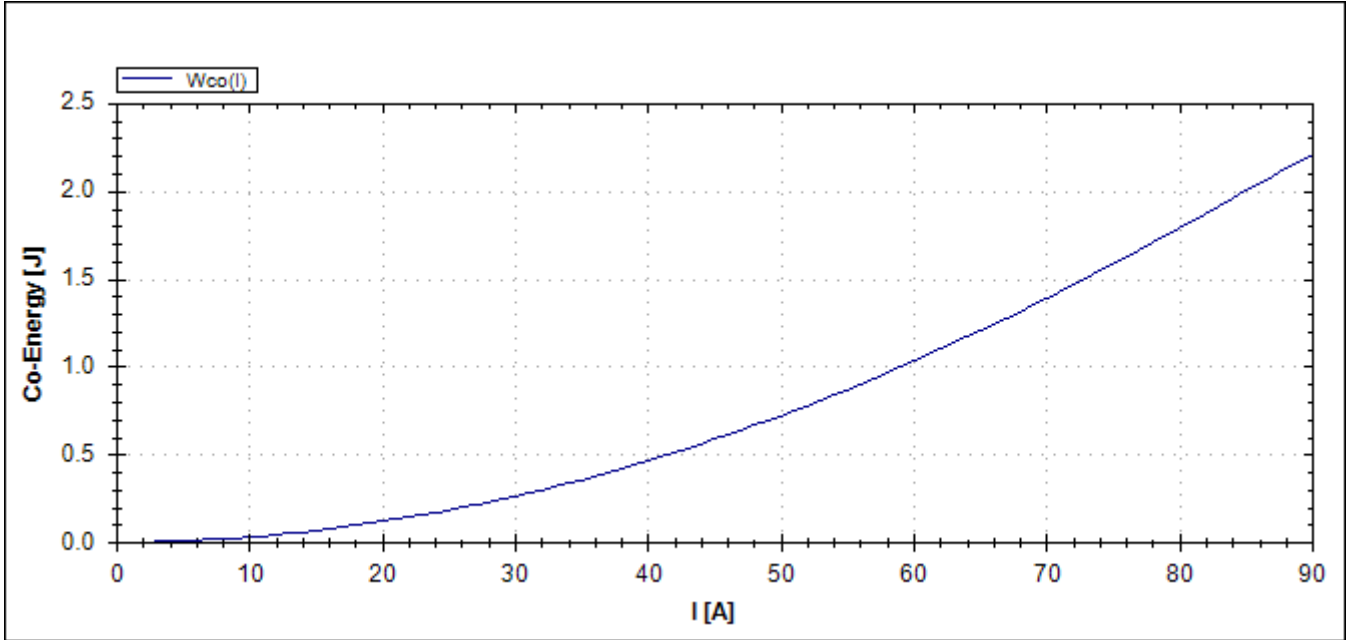
Current [A]	$\Psi$ [mWb]	Current [A]	$\Psi$ [mWb]	Current [A]	$\Psi$ [mWb]	Current [A]	$\Psi$ [mWb]	Current [A]	$\Psi$ [mWb]
		21	11.9	41	23.2	61	33.8	81	41.6
		22	12.5	42	23.8	62	34.3	82	41.8
3	1.46	23	13.1	43	24.3	63	34.8	83	42.0
4	2.04	24	13.6	44	24.9	64	35.2	84	42.1
5	2.62	25	14.2	45	25.4	65	35.7	85	42.3
6	3.21	26	14.8	46	26.0	66	36.2	86	42.4
7	3.79	27	15.4	47	26.5	67	36.6	87	42.6
8	4.38	28	15.9	48	27.0	68	37.1	88	42.7
9	4.96	29	16.5	49	27.6	69	37.5	89	42.8
10	5.54	30	17.1	50	28.1	70	38.0	90	42.9
11	6.13	31	17.6	51	28.6	71	38.4		
12	6.71	32	18.2	52	29.2	72	38.8		
13	7.29	33	18.8	53	29.7	73	39.2		
14	7.87	34	19.3	54	30.2	74	39.6		
15	8.45	35	19.9	55	30.7	75	39.9		
16	9.03	36	20.4	56	31.3	76	40.2		
17	9.61	37	21.0	57	31.8	77	40.6		
18	10.2	38	21.6	58	32.3	78	40.8		
19	10.8	39	22.1	59	32.8	79	41.1		
20	11.3	40	22.7	60	33.3	80	41.4		

Remarks:

AMCC63 core

# DPG10 Power Choke Tester

D.U.T.: PFC choke  
 Inspector: ed-k  
 Date: 3/12/2026 12:12:19 AM  
 Parameters: 90 A / 100 V / 1000 (436)  $\mu$ s  
 Resistance: 39.6 mOhm



Current [A]	W <sub>CO</sub> [J]	Current [A]	W <sub>CO</sub> [J]	Current [A]	W <sub>CO</sub> [J]	Current [A]	W <sub>CO</sub> [J]	Current [A]	W <sub>CO</sub> [J]
		21	0.127	41	0.485	61	1.06	81	1.83
		22	0.140	42	0.509	62	1.10	82	1.87
3	0.00146	23	0.153	43	0.533	63	1.13	83	1.91
4	0.00349	24	0.167	44	0.558	64	1.17	84	1.96
5	0.00612	25	0.181	45	0.584	65	1.20	85	2.00
6	0.00933	26	0.196	46	0.610	66	1.24	86	2.04
7	0.0131	27	0.211	47	0.636	67	1.28	87	2.08
8	0.0175	28	0.227	48	0.663	68	1.31	88	2.13
9	0.0225	29	0.243	49	0.691	69	1.35	89	2.17
10	0.0280	30	0.260	50	0.719	70	1.39	90	2.21
11	0.0341	31	0.278	51	0.747	71	1.43		
12	0.0408	32	0.296	52	0.777	72	1.47		
13	0.0481	33	0.315	53	0.806	73	1.50		
14	0.0560	34	0.334	54	0.836	74	1.54		
15	0.0645	35	0.354	55	0.867	75	1.58		
16	0.0735	36	0.375	56	0.898	76	1.62		
17	0.0831	37	0.396	57	0.930	77	1.66		
18	0.0933	38	0.417	58	0.963	78	1.71		
19	0.104	39	0.439	59	0.995	79	1.75		
20	0.115	40	0.462	60	1.03	80	1.79		

Remarks:

AMCC63 core