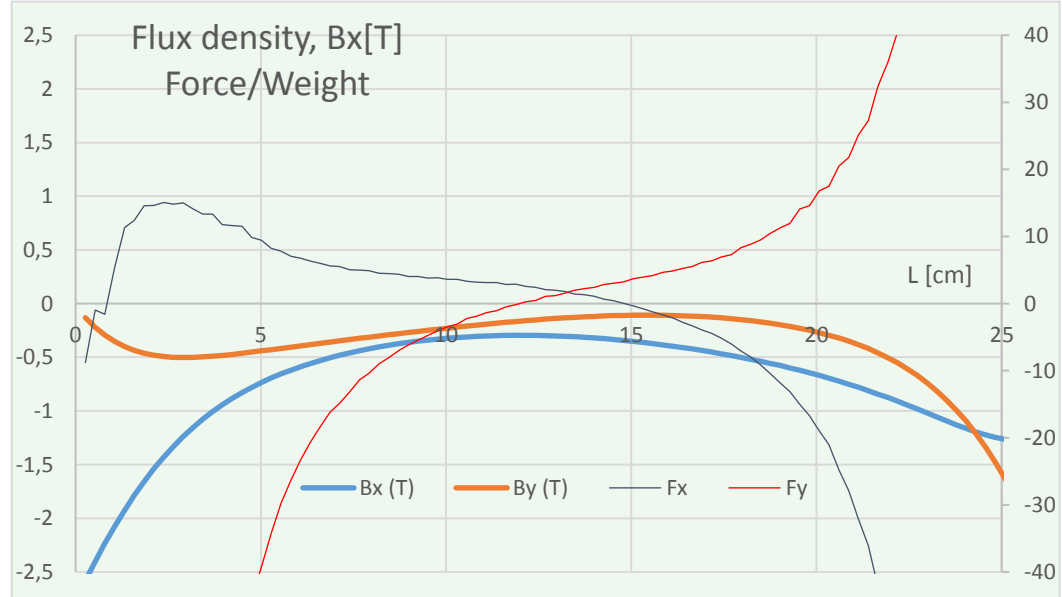
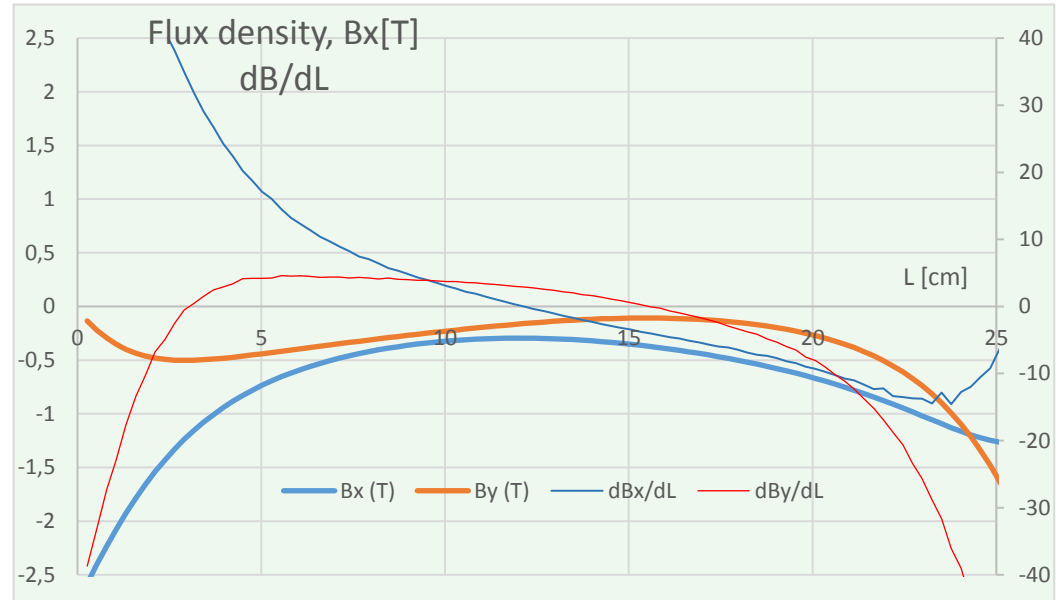


Five coils (7T) 0,+60, -60, (5T) +30, -30

Focus point 30 cm			grad(B) =		Force/Weight (100 nm)		
L (cm)	Bx (T)	By (T)	dBx/dL	dBy/dL	Fx	Fy	F
0	-2,7698	-0,031			-12,6	-631,49	631,61
0,2642	-2,5821	-0,134	71,053	-38,7	-8,81	-539,06	539,13
0,5283	-2,4037	-0,221	67,532	-33,16	-0,99	-477,57	477,57
0,7925	-2,2347	-0,293	63,972	-27,29	-1,57	-410,33	410,33
1,0567	-2,0757	-0,353	60,186	-22,81	5,422	-356,21	356,26
1,3209	-1,9273	-0,4	56,17	-17,65	11,34	-309,39	309,6
1,585	-1,7870	-0,436	53,124	-13,43	12,39	-258,27	258,57
1,8492	-1,6594	-0,463	48,297	-10,29	14,57	-223,46	223,93
2,1134	-1,5392	-0,481	45,496	-6,805	14,63	-192,7	193,25
2,3776	-1,4311	-0,494	40,916	-4,924	15,07	-164,61	165,3
2,6417	-1,3304	-0,5	38,129	-2,529	14,83	-140,96	141,74
2,9059	-1,2380	-0,502	34,974	-0,534	15,02	-120,05	120,98
3,1701	-1,1540	-0,501	31,794	0,4504	14,11	-102,11	103,08
3,4342	-1,0773	-0,497	29,042	1,5108	13,34	-88,4	89,401
3,6984	-1,0068	-0,49	26,684	2,4716	13,34	-77,061	78,207
3,9626	-0,9427	-0,482	24,251	2,9145	11,77	-66,435	67,469
4,2268	-0,8835	-0,474	22,426	3,3611	11,63	-59	60,136
4,4909	-0,8300	-0,463	20,235	4,1348	11,52	-51,726	52,994
4,7551	-0,7806	-0,452	18,721	4,1824	9,848	-43,915	45,005
5,0193	-0,7354	-0,44	17,104	4,2051	9,407	-39,158	40,272
5,2834	-0,6931	-0,429	16,02	4,2181	8,241	-34,269	35,246
5,5476	-0,6548	-0,417	14,504	4,595	7,787	-29,748	30,751
5,8118	-0,6199	-0,405	13,191	4,5004	7,066	-26,302	27,235
6,076	-0,5875	-0,393	12,271	4,5496	6,735	-23,313	24,266
6,3401	-0,5575	-0,381	11,34	4,4907	6,315	-20,606	21,552
6,6043	-0,5301	-0,37	10,371	4,3528	5,974	-18,361	19,308
6,8685	-0,5046	-0,358	9,6518	4,3755	5,61	-16,204	17,148
7,1327	-0,4811	-0,347	8,8948	4,3868	5,537	-14,861	15,858
7,3968	-0,4593	-0,336	8,262	4,2143	5,043	-13,201	14,132
7,661	-0,4397	-0,324	7,4186	4,3301	5,013	-11,362	12,419
7,9252	-0,4210	-0,313	7,0704	4,2316	4,919	-10,37	11,477



8,1893	-0,4040	-0,302	6,4445	4,078	4,517	-8,9829	10,055
8,4535	-0,3889	-0,291	5,7116	4,2165	4,487	-8,0637	9,2282
8,7177	-0,3748	-0,28	5,3407	4,0386	4,385	-7,021	8,278
8,9819	-0,3620	-0,27	4,8486	4,0045	4,026	-6,1637	7,3618
9,246	-0,3506	-0,26	4,3355	3,8963	4,019	-5,4319	6,7569
9,5102	-0,3401	-0,249	3,9629	3,8872	3,805	-4,7425	6,0804
9,7744	-0,3308	-0,239	3,5163	3,8039	3,853	-4,0768	5,6097
10,039	-0,3227	-0,229	3,0461	3,7075	3,617	-3,4637	5,0082
10,303	-0,3157	-0,22	2,6818	3,6894	3,618	-3,0635	4,741
10,567	-0,3099	-0,21	2,2008	3,5833	3,341	-2,2225	4,013
10,831	-0,3049	-0,201	1,875	3,5303	3,202	-1,8632	3,705
11,095	-0,3011	-0,192	1,4583	3,3636	3,147	-1,3488	3,4235
11,359	-0,2982	-0,183	1,0871	3,2955	3,121	-1,0473	3,292
11,624	-0,2963	-0,175	0,7245	3,1358	2,84	-0,5156	2,8863
11,888	-0,2953	-0,167	0,3485	3,0189	2,878	-0,1573	2,882
12,152	-0,2954	-0,159	-0,008	2,9205	2,544	0,2758	2,5587
12,416	-0,2964	-0,152	-0,375	2,75	2,426	0,4605	2,4691
12,68	-0,2982	-0,145	-0,697	2,5455	2,104	1,06726	2,3591
12,944	-0,3009	-0,139	-1,008	2,4356	2,002	1,15444	2,311
13,209	-0,3045	-0,133	-1,385	2,2	1,814	1,58142	2,4064
13,473	-0,3089	-0,128	-1,674	2,0492	1,403	1,98969	2,4344
13,737	-0,3142	-0,123	-2	1,7765	1,314	2,21466	2,5751
14,001	-0,3203	-0,119	-2,303	1,5909	1,102	2,41225	2,6519
14,265	-0,3272	-0,115	-2,614	1,3674	0,647	2,82385	2,8971
14,529	-0,3349	-0,112	-2,917	1,072	0,392	3,05624	3,0812
14,794	-0,3434	-0,11	-3,204	0,8642	0,009	3,25098	3,251
15,058	-0,3525	-0,109	-3,447	0,5455	-0,37	3,72757	3,7455
15,322	-0,3625	-0,108	-3,777	0,2917	-0,76	3,93129	4,005
15,586	-0,3731	-0,108	-4,03	-0,068	-1,25	4,16652	4,3493
15,85	-0,3844	-0,109	-4,292	-0,246	-1,71	4,65514	4,9576
16,115	-0,3966	-0,11	-4,589	-0,664	-2,13	4,8291	5,2764
16,379	-0,4092	-0,113	-4,777	-0,97	-2,78	5,22932	5,9238
16,643	-0,4227	-0,116	-5,11	-1,295	-3,31	5,50678	6,4241
16,907	-0,4369	-0,121	-5,371	-1,636	-3,91	6,15886	7,2951

17,171	-0,4518	-0,126	-5,67	-2,023	-4,44	6,39628	7,788
17,435	-0,4677	-0,132	-5,989	-2,386	-5,18	6,94223	8,6647
17,7	-0,4838	-0,14	-6,098	-2,936	-6,02	7,27243	9,4388
17,964	-0,5008	-0,149	-6,447	-3,326	-7,07	8,35558	10,943
18,228	-0,5190	-0,159	-6,864	-3,758	-7,99	8,85996	11,928
18,492	-0,5380	-0,17	-7,208	-4,163	-9,11	9,49584	13,158
18,756	-0,5574	-0,183	-7,364	-4,841	-10,5	10,4691	14,81
19,02	-0,5777	-0,197	-7,678	-5,311	-11,9	11,291	16,38
19,285	-0,5994	-0,213	-8,185	-5,977	-13,1	11,9753	17,766
19,549	-0,6217	-0,23	-8,455	-6,5	-15	14,0812	20,596
19,813	-0,6454	-0,25	-8,981	-7,545	-16,7	14,5812	22,177
20,077	-0,6700	-0,271	-9,314	-8,053	-19	16,8061	25,371
20,341	-0,6957	-0,295	-9,735	-9,027	-21,1	17,4932	27,386
20,605	-0,7227	-0,321	-10,21	-10,12	-24,8	20,5044	32,142
20,87	-0,7511	-0,351	-10,72	-11,12	-27,9	21,7807	35,401
21,134	-0,7802	-0,383	-11,05	-12,33	-32,1	25,116	40,753
21,398	-0,8110	-0,42	-11,67	-13,73	-36,1	27,2757	45,215
21,662	-0,8435	-0,46	-12,29	-15,19	-42,2	32,3545	53,151
21,926	-0,8757	-0,504	-12,2	-16,88	-48,4	35,9628	60,285
22,19	-0,9109	-0,554	-13,34	-18,75	-55,3	40,558	68,587
22,455	-0,9467	-0,608	-13,49	-20,6	-64,6	45,3063	78,932
22,719	-0,9828	-0,67	-13,68	-23,39	-74,4	49,9344	89,62
22,983	-1,0190	-0,738	-13,72	-25,66	-86,6	57,8993	104,18
23,247	-1,0572	-0,814	-14,47	-28,81	-102	66,3479	121,89
23,511	-1,0911	-0,898	-12,84	-31,64	-118	73,8337	139,03
23,776	-1,1297	-0,993	-14,57	-36,08	-137	83,1007	160
24,04	-1,1634	-1,096	-12,77	-39,05	-162	95,8621	188,38
24,304	-1,1950	-1,212	-11,97	-43,83	-189	109,103	218,3
24,568	-1,2229	-1,339	-10,57	-48,14	-222	123,956	254,6
24,832	-1,2472	-1,479	-9,205	-52,99	-260	139,597	294,89
25,096	-1,2637	-1,633	-6,25	-58,45	-301	157,742	339,74
25,361	-1,2763	-1,798	-4,755	-62,23	-357	186,547	402,53
25,625	-1,2797	-1,98	-1,288	-69,02	-408	209,022	457,99
25,889	-1,2723	-2,174	2,803	-73,52	-471	241,4	528,82

26,153	-1,2608	-2,386	4,3561	-80	-543	288,031	614,93
26,417	-1,2347	-2,612	9,8864	-85,76	-619	333,72	703,13