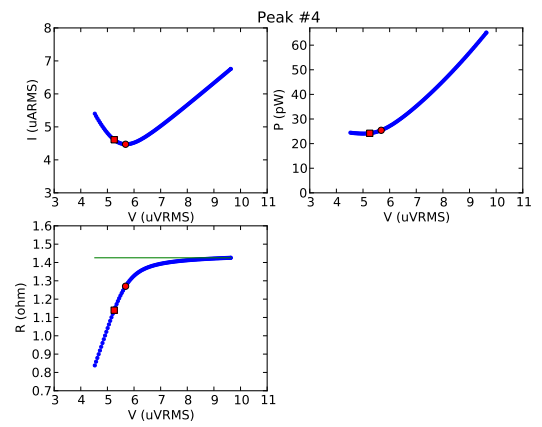
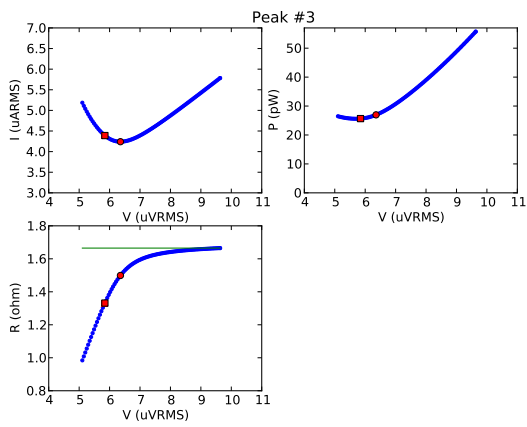
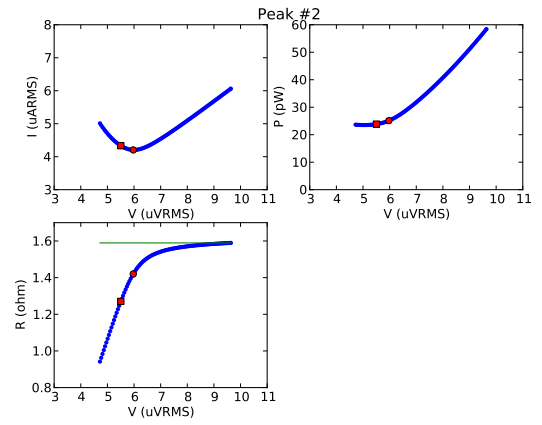
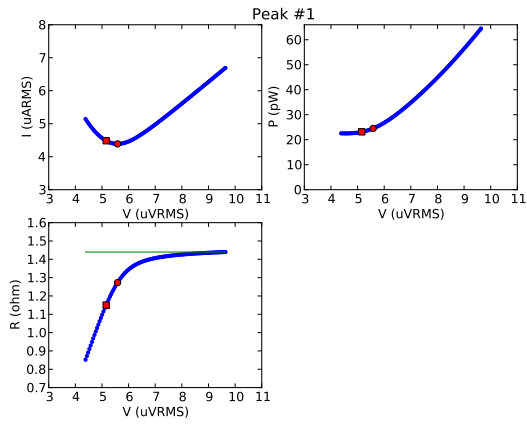
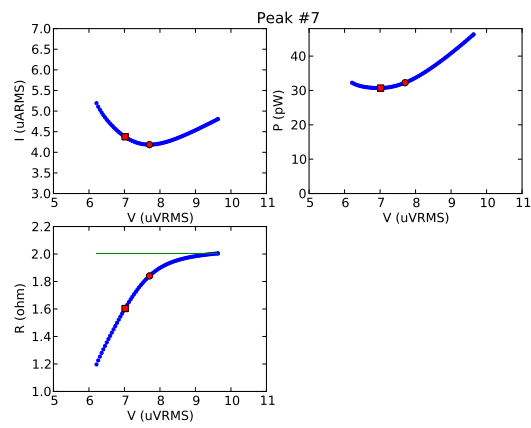
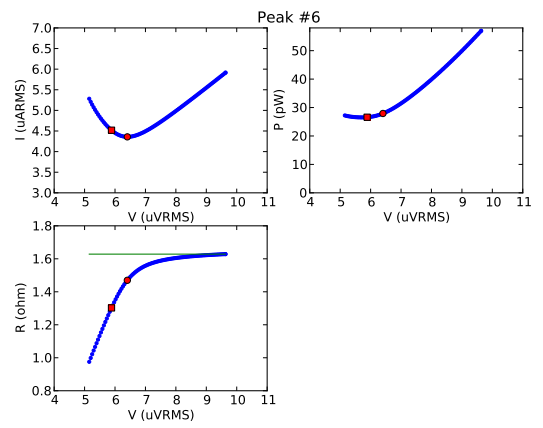
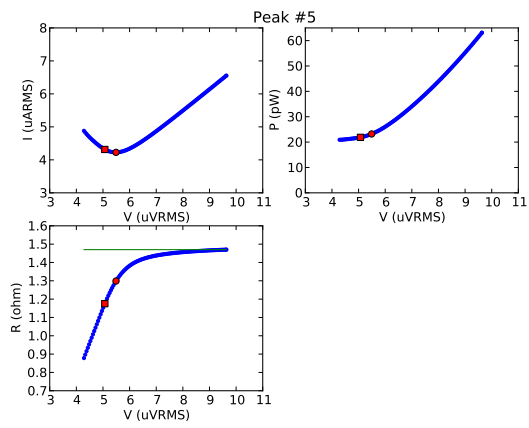
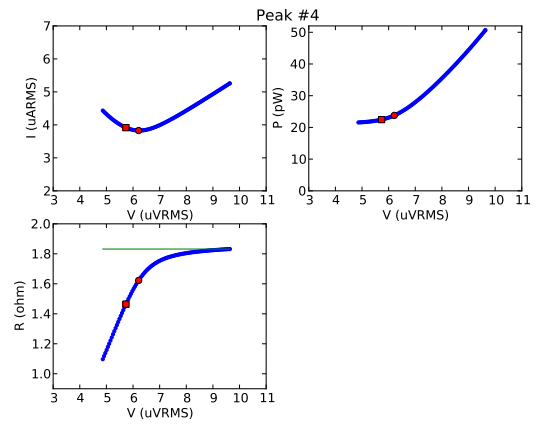
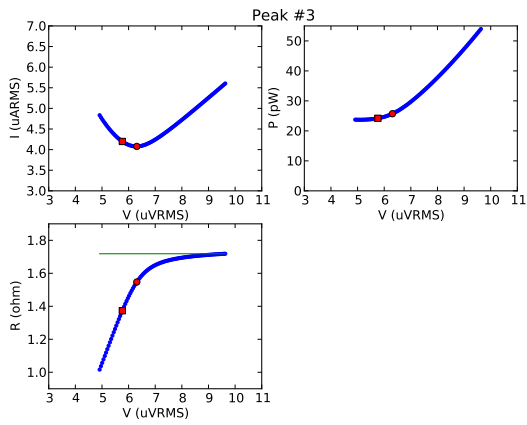
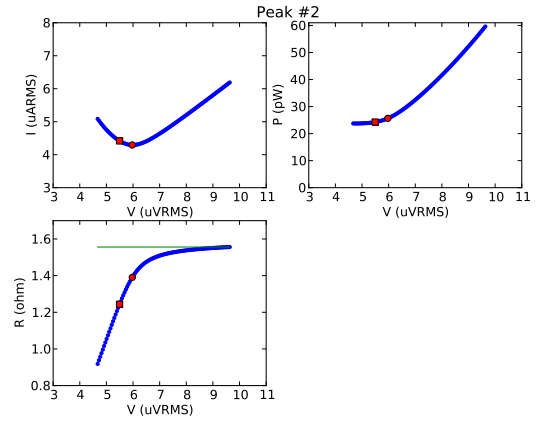
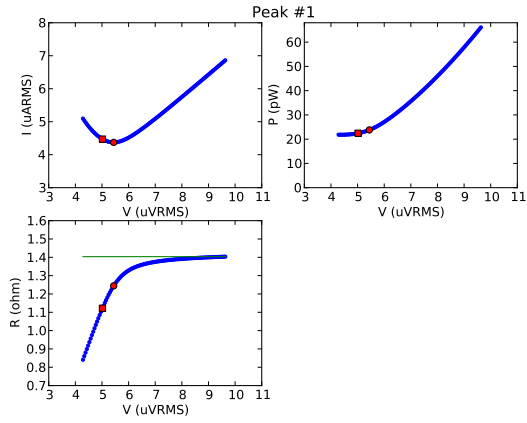


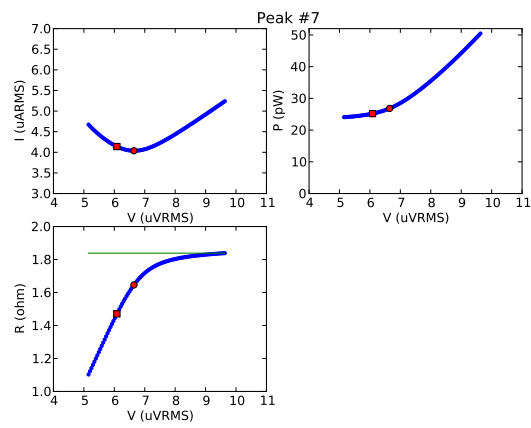
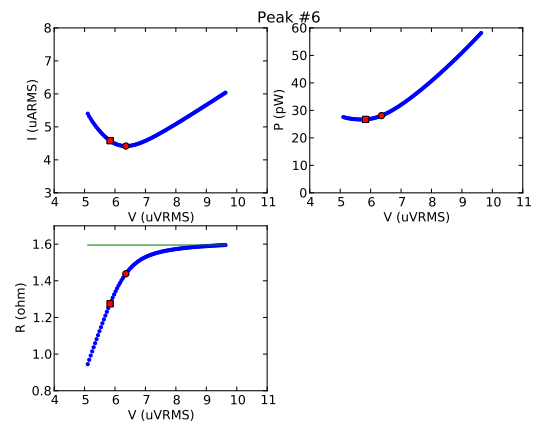
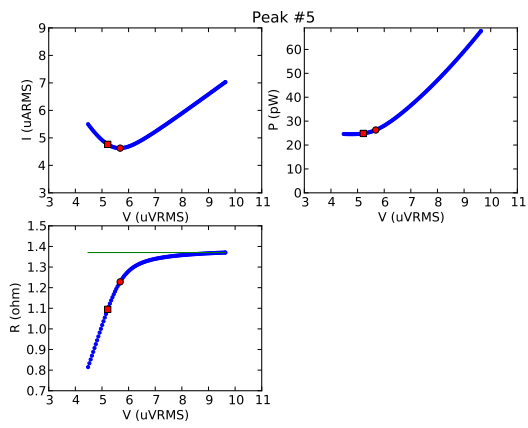
Comb A



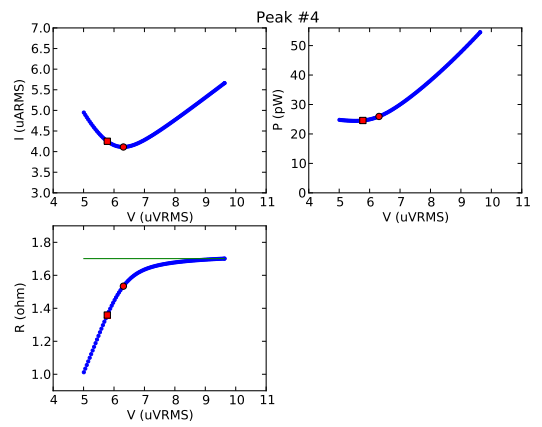
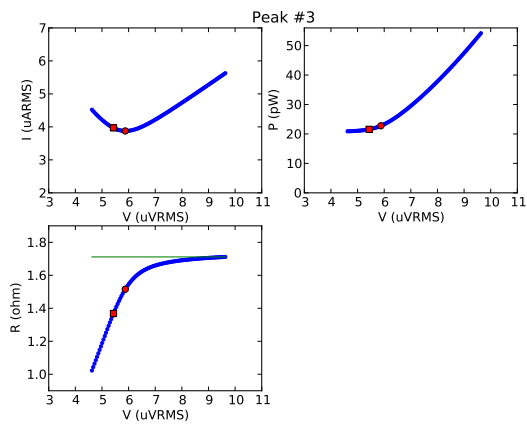
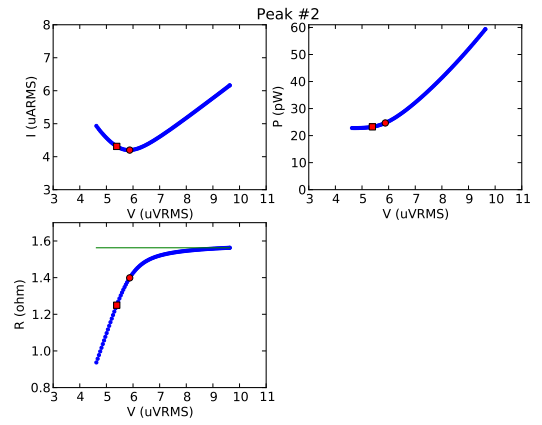
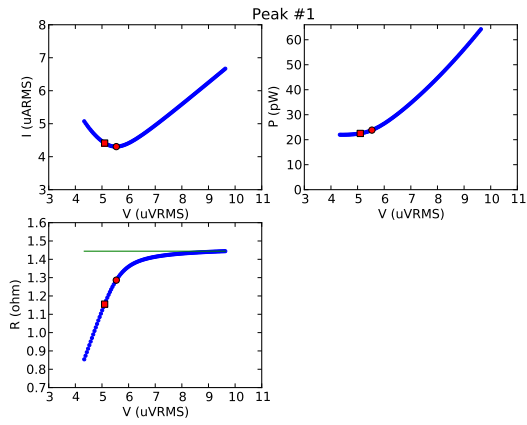


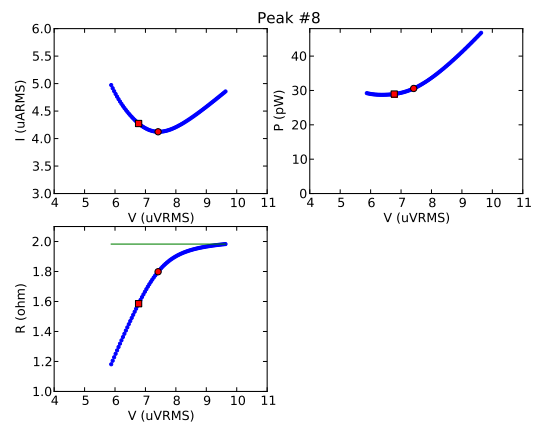
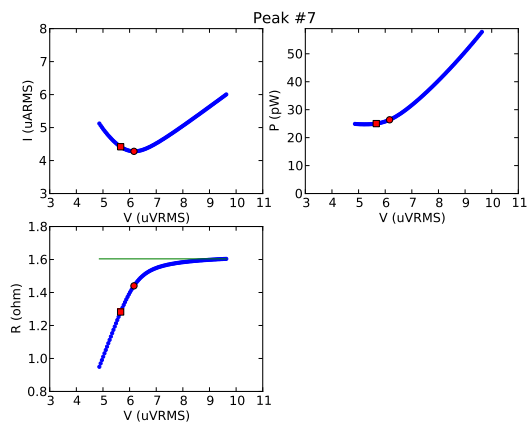
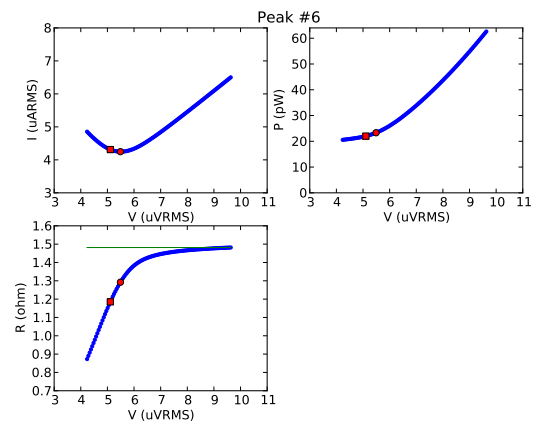
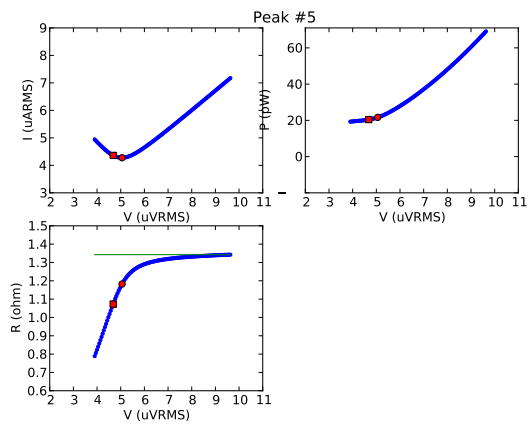
Comb B



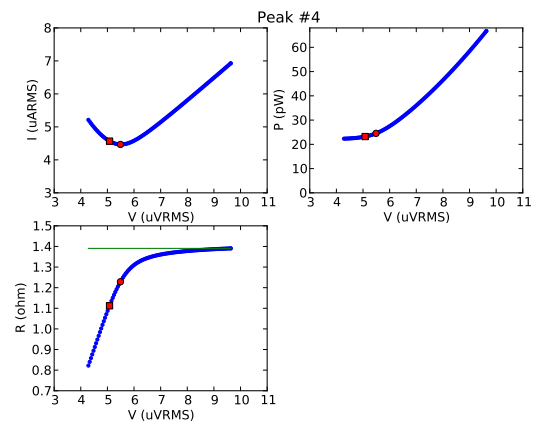
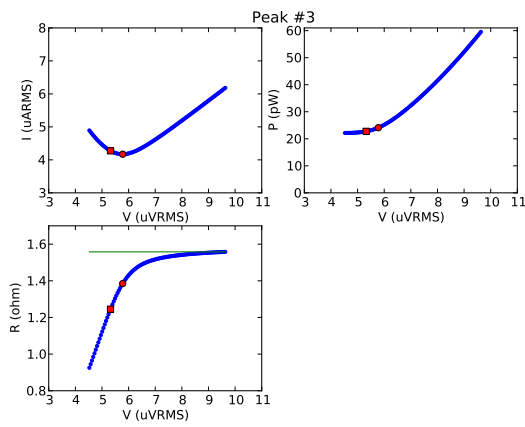
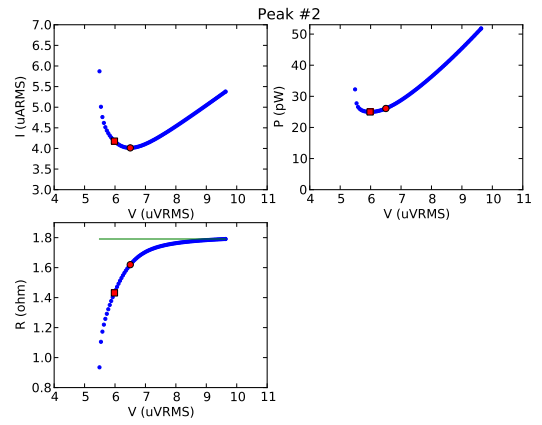
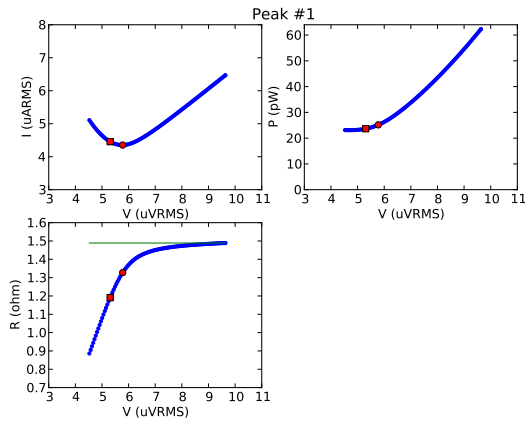


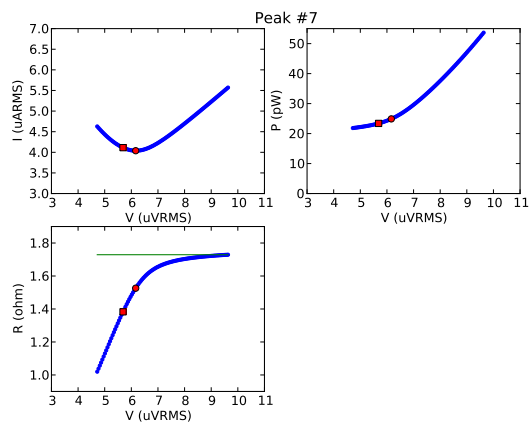
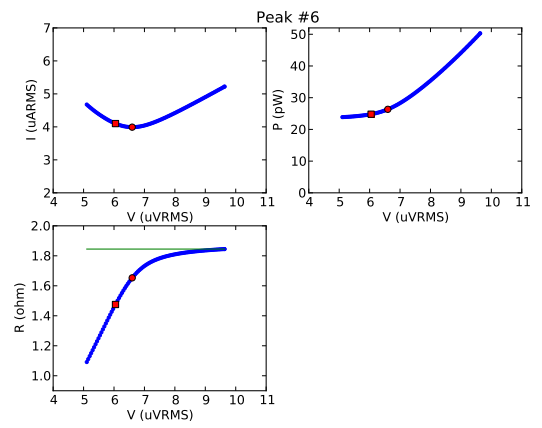
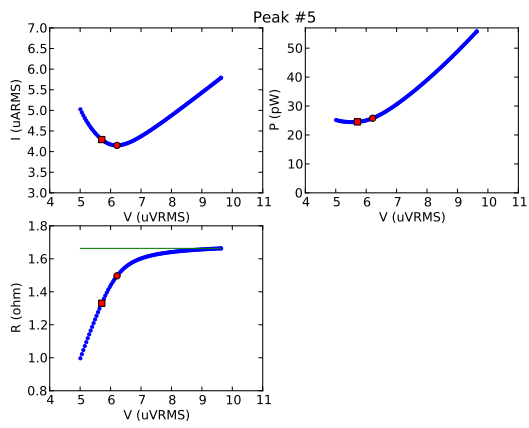
Comb C



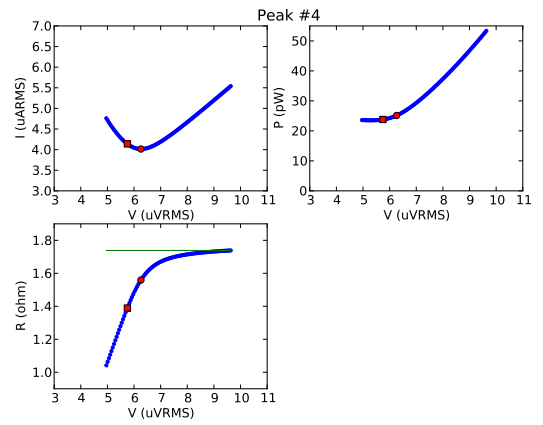
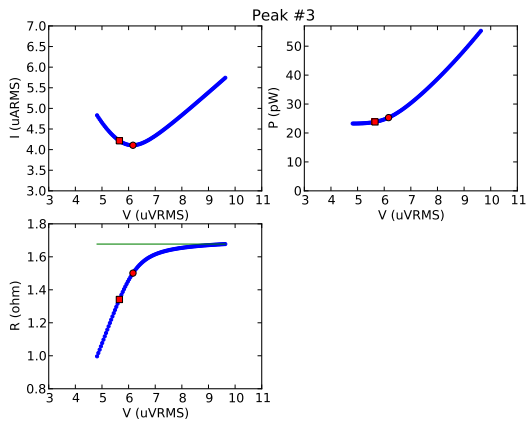
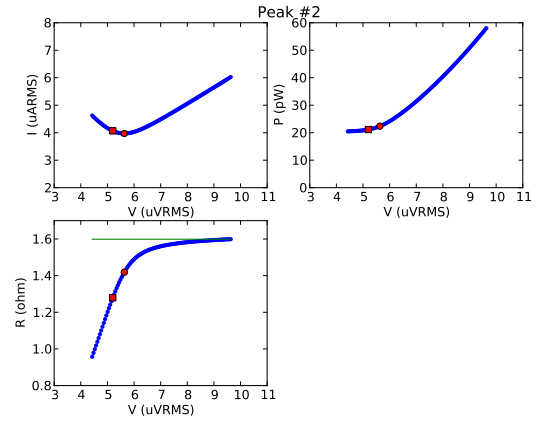
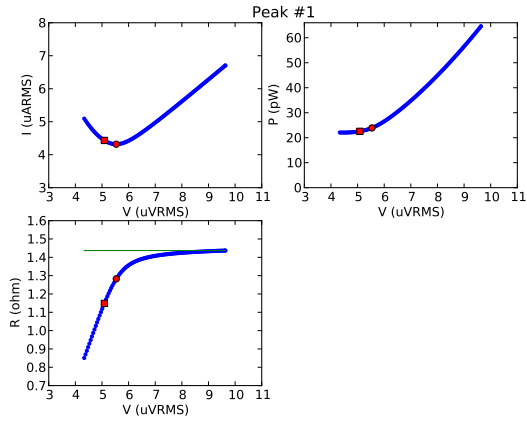


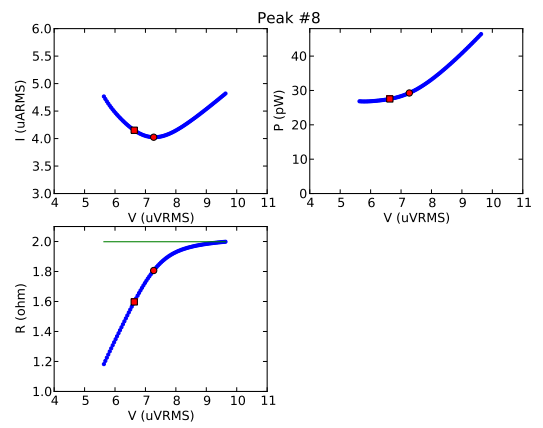
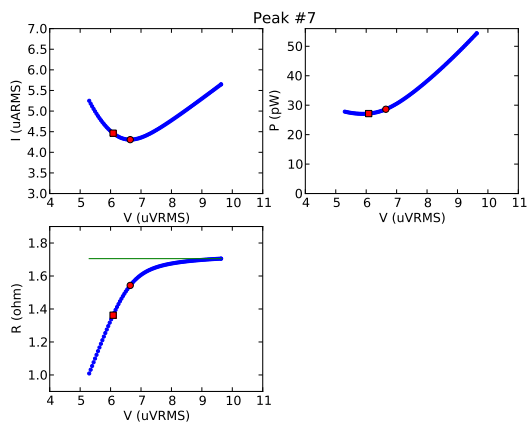
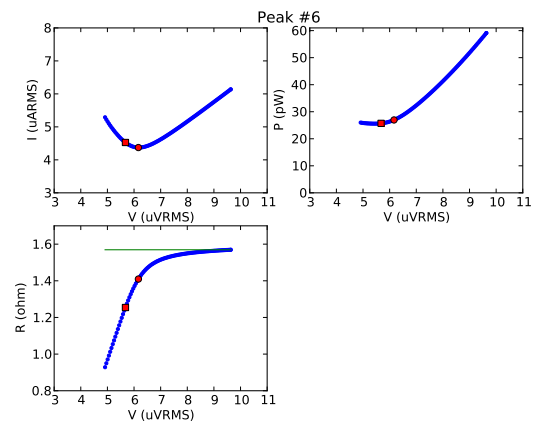
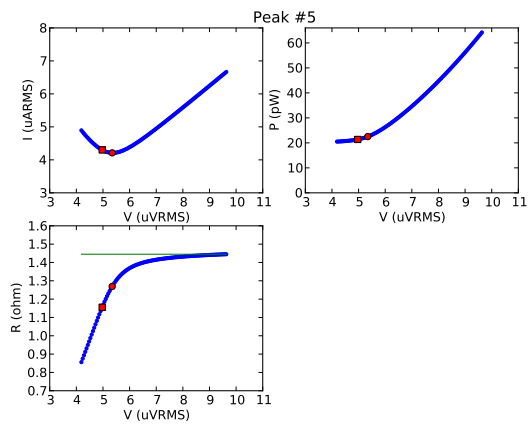
Comb D



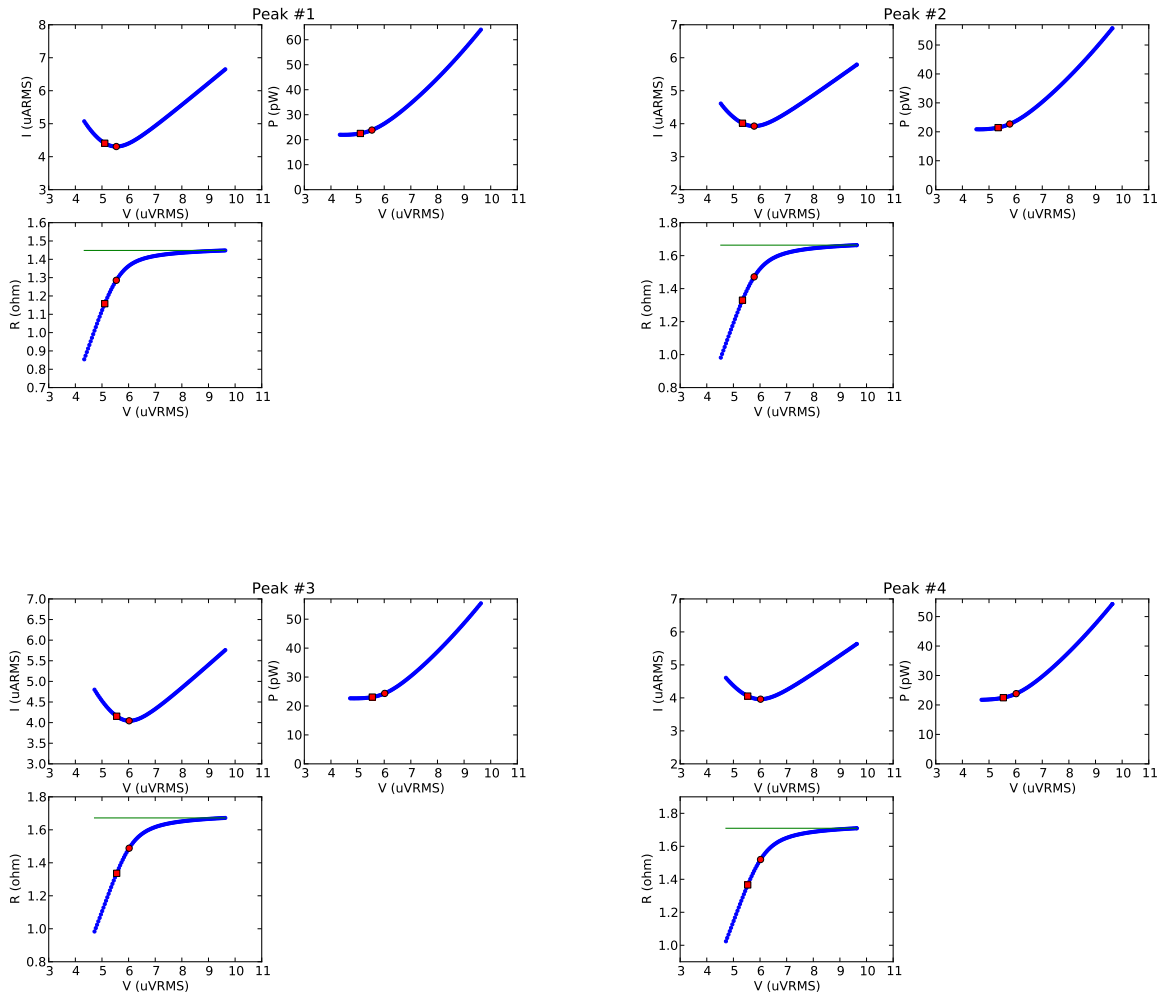


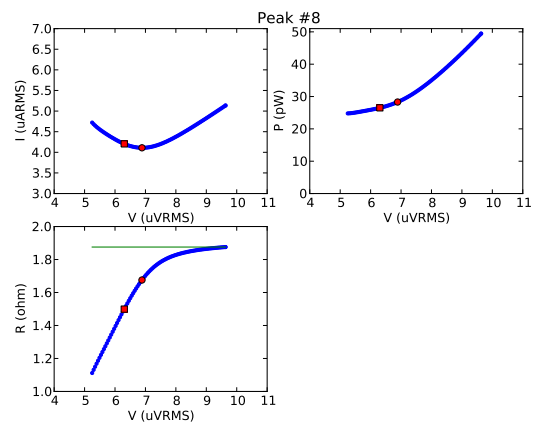
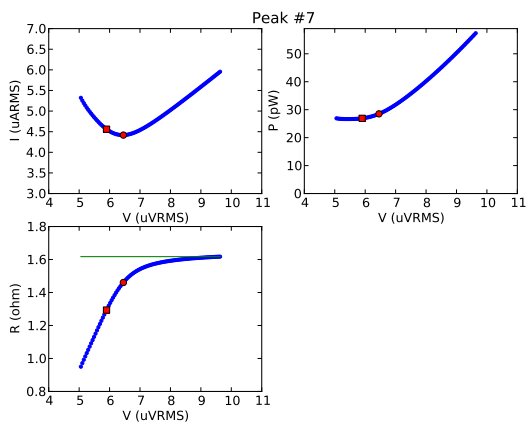
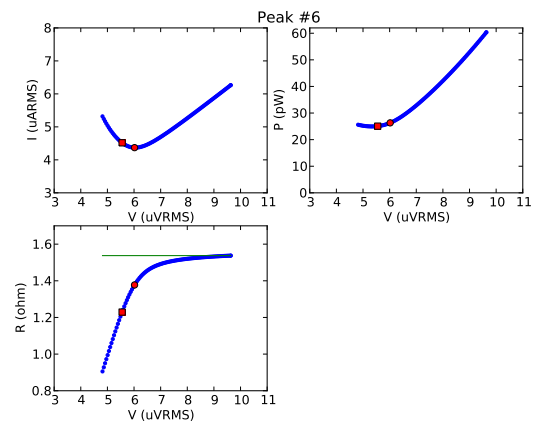
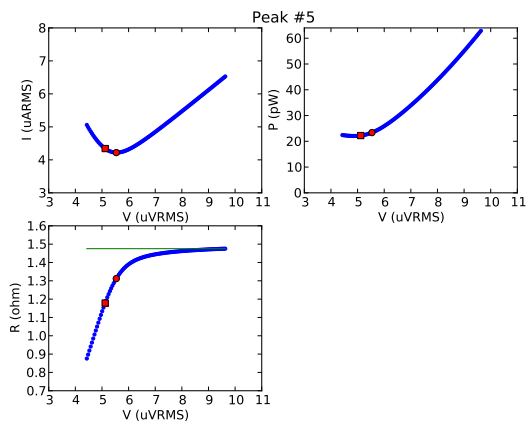
Comb E



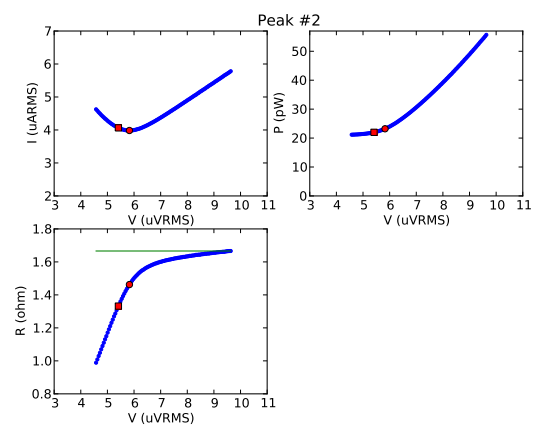


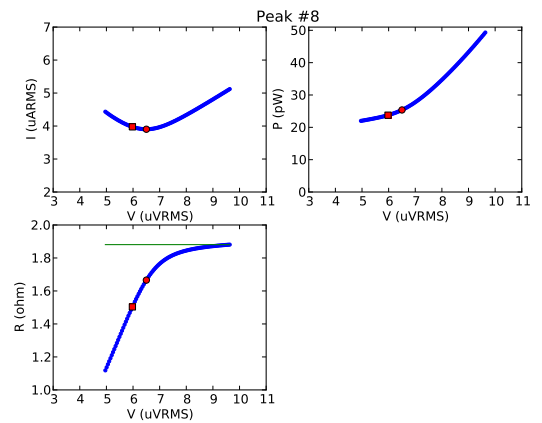
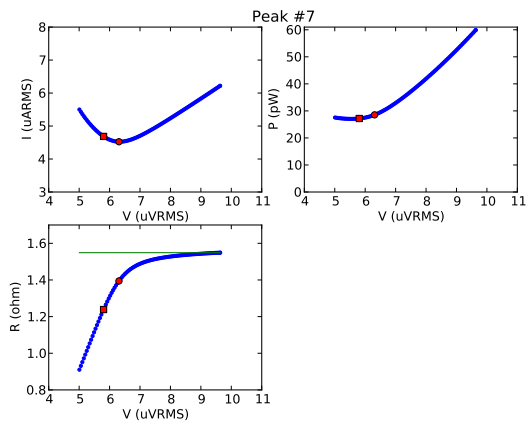
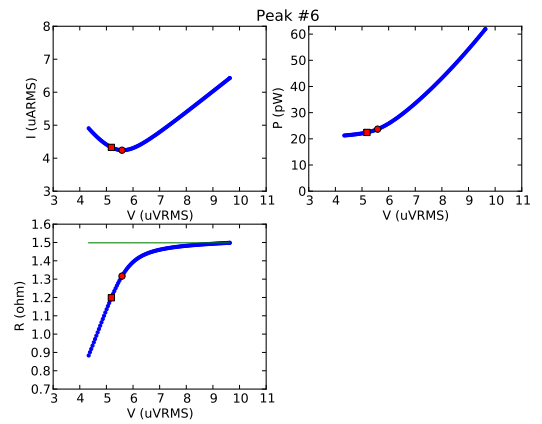
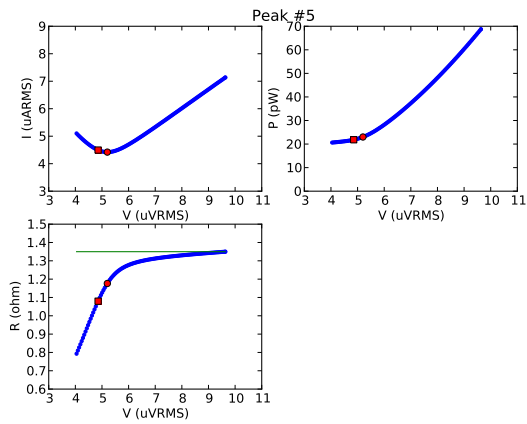
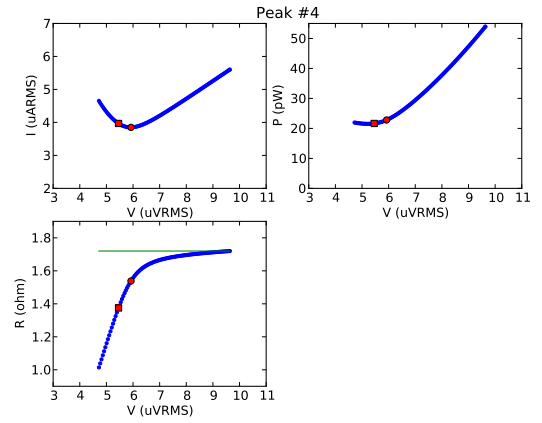
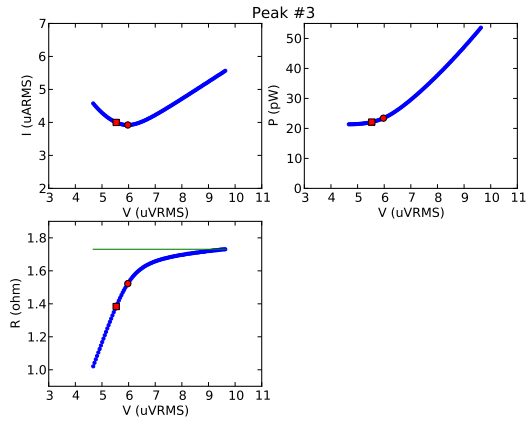
Comb J



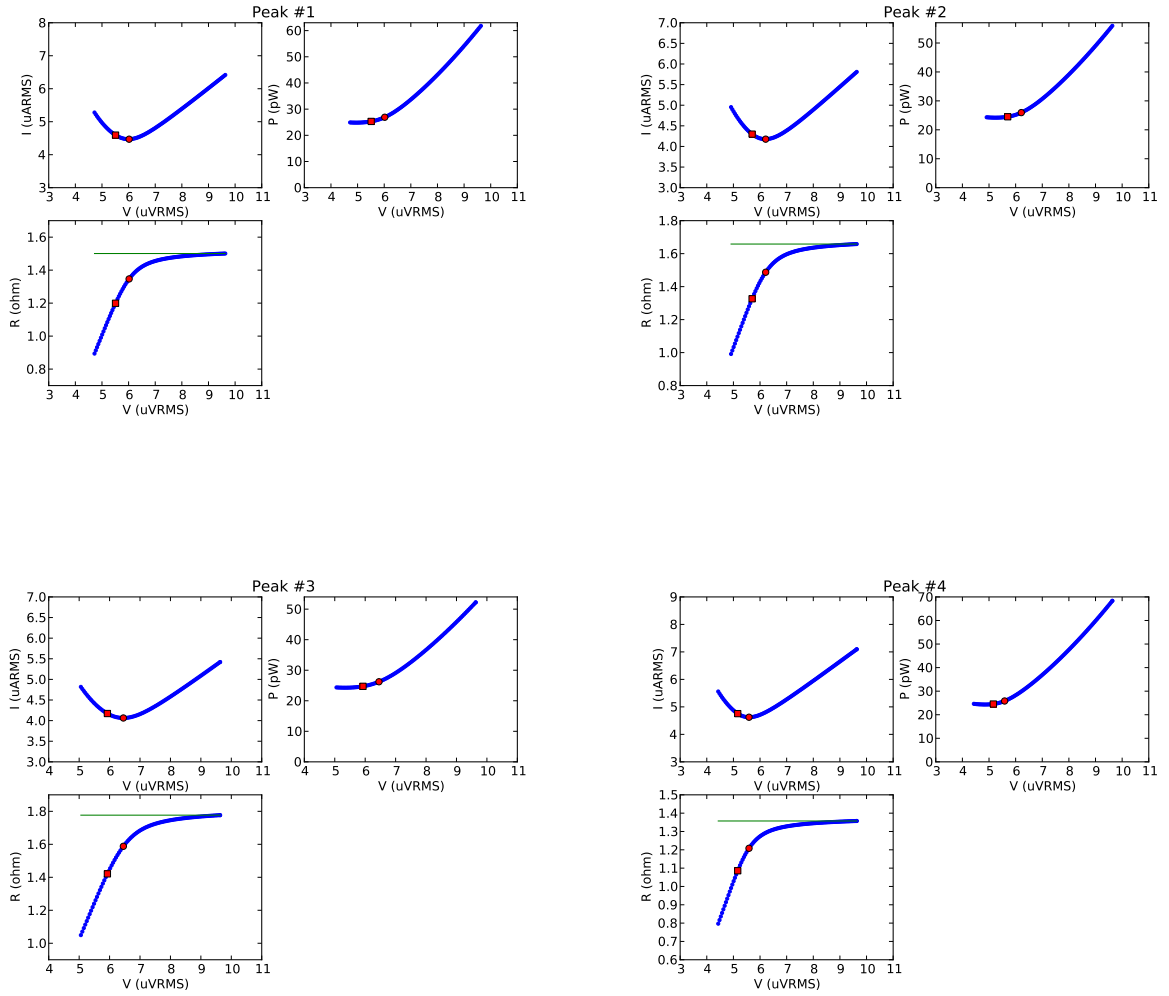


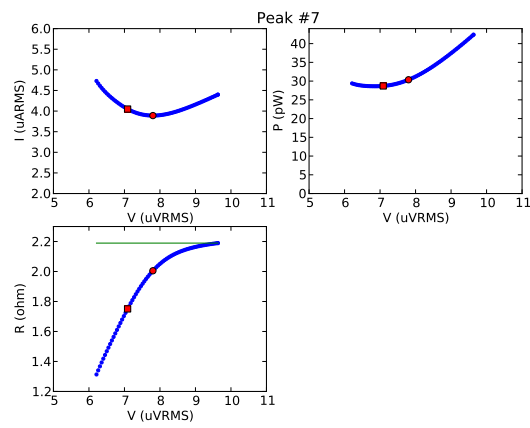
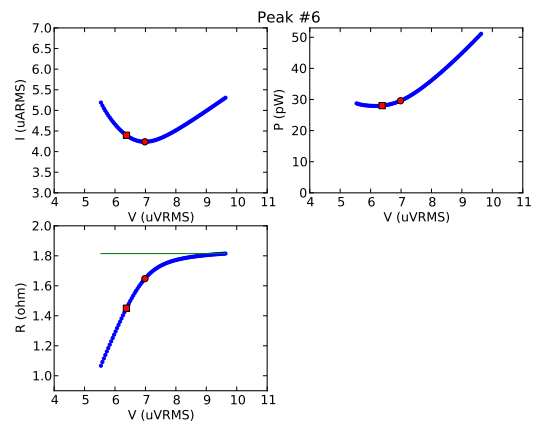
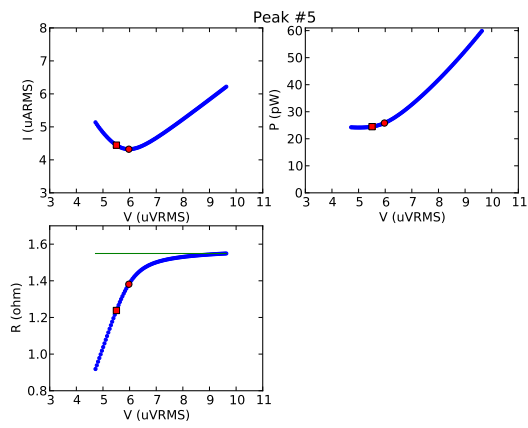
Comb K



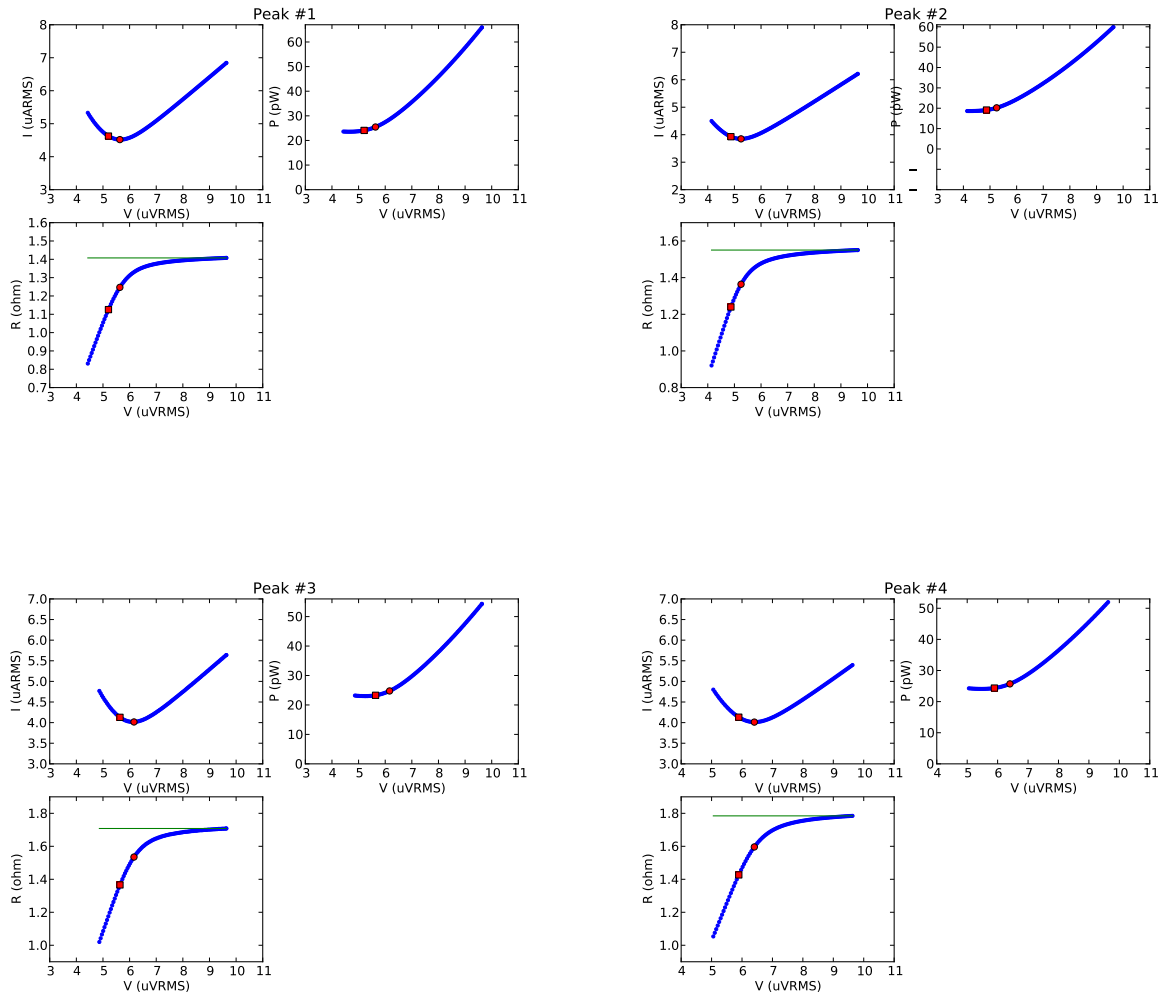


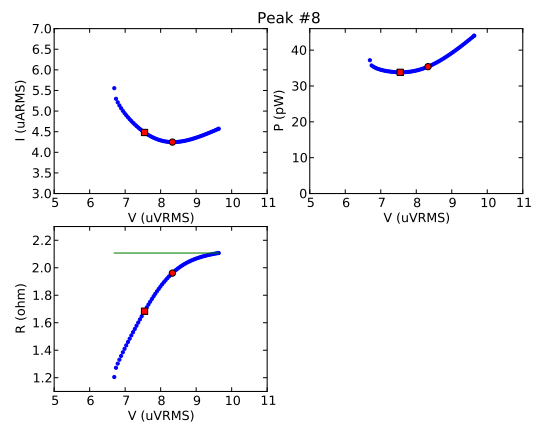
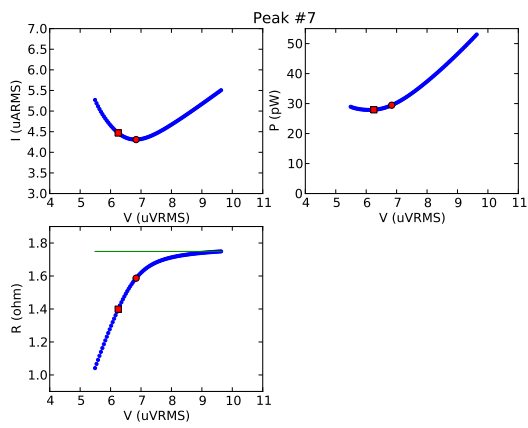
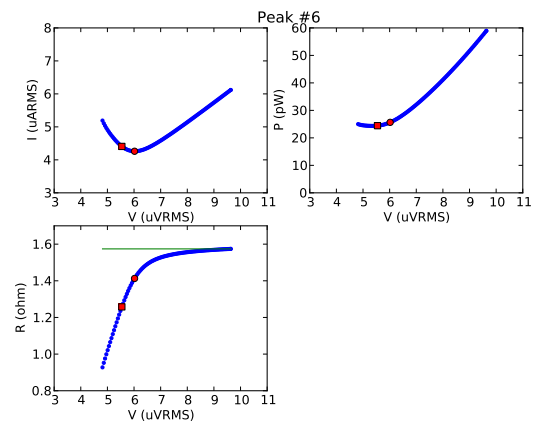
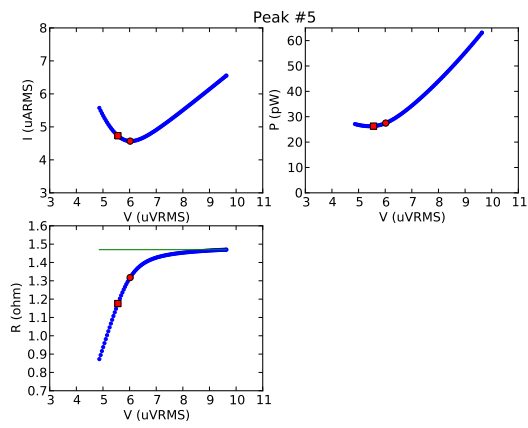
Comb L



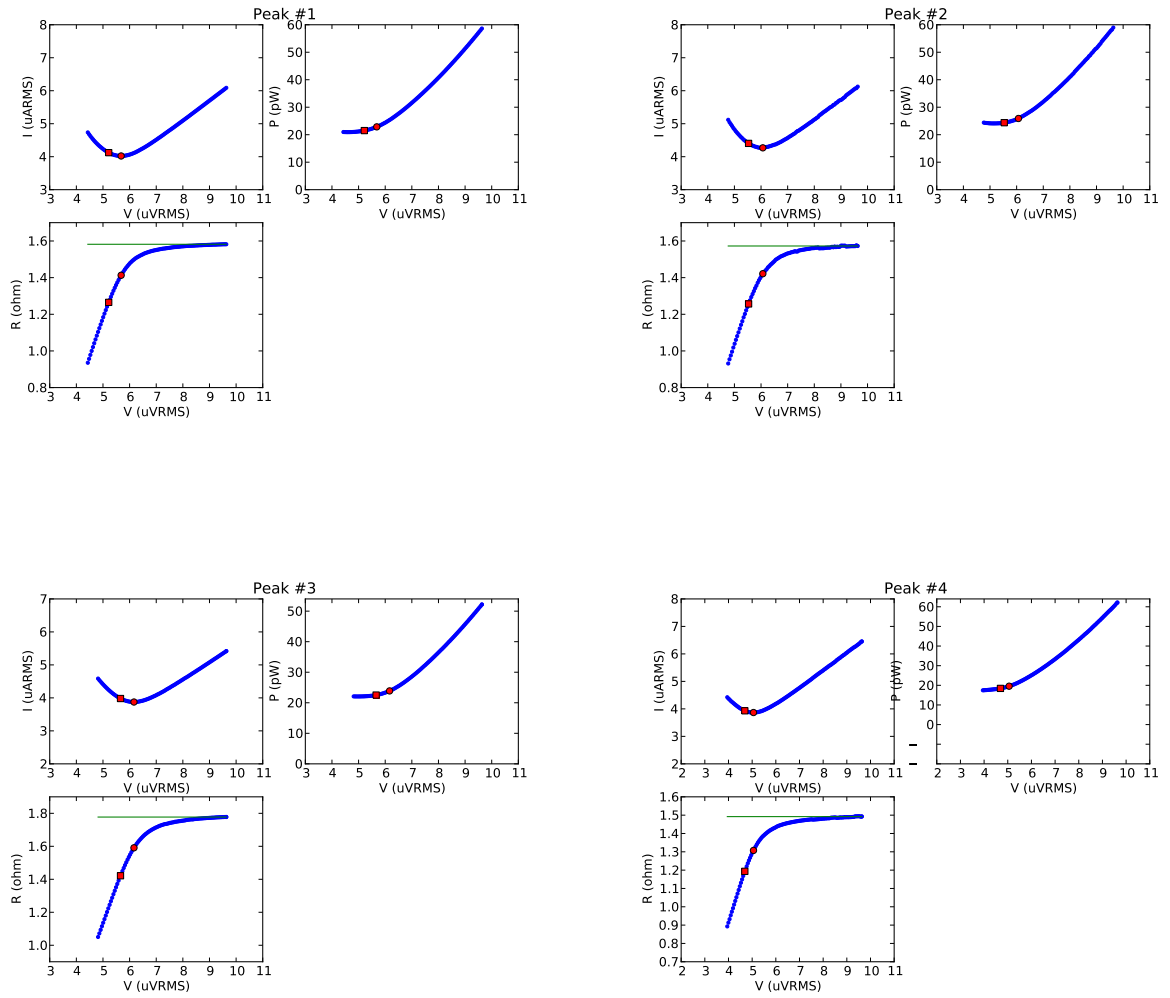


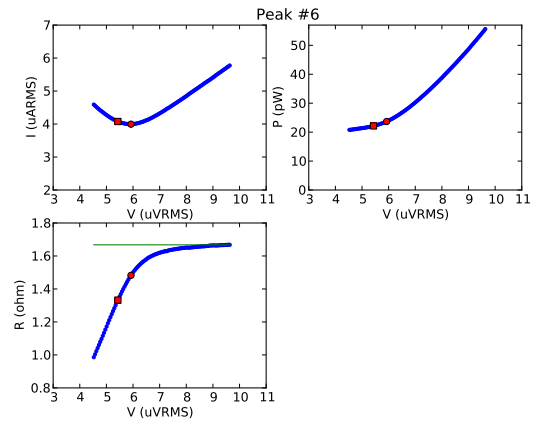
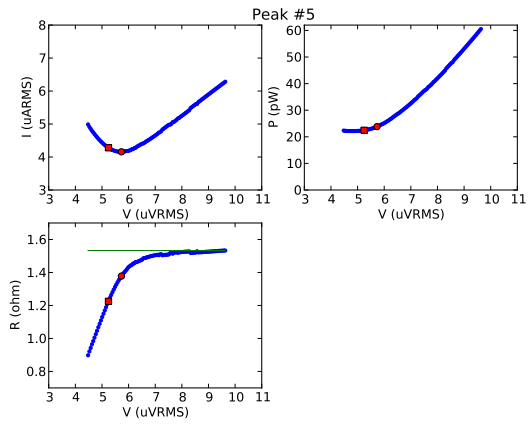
Comb M



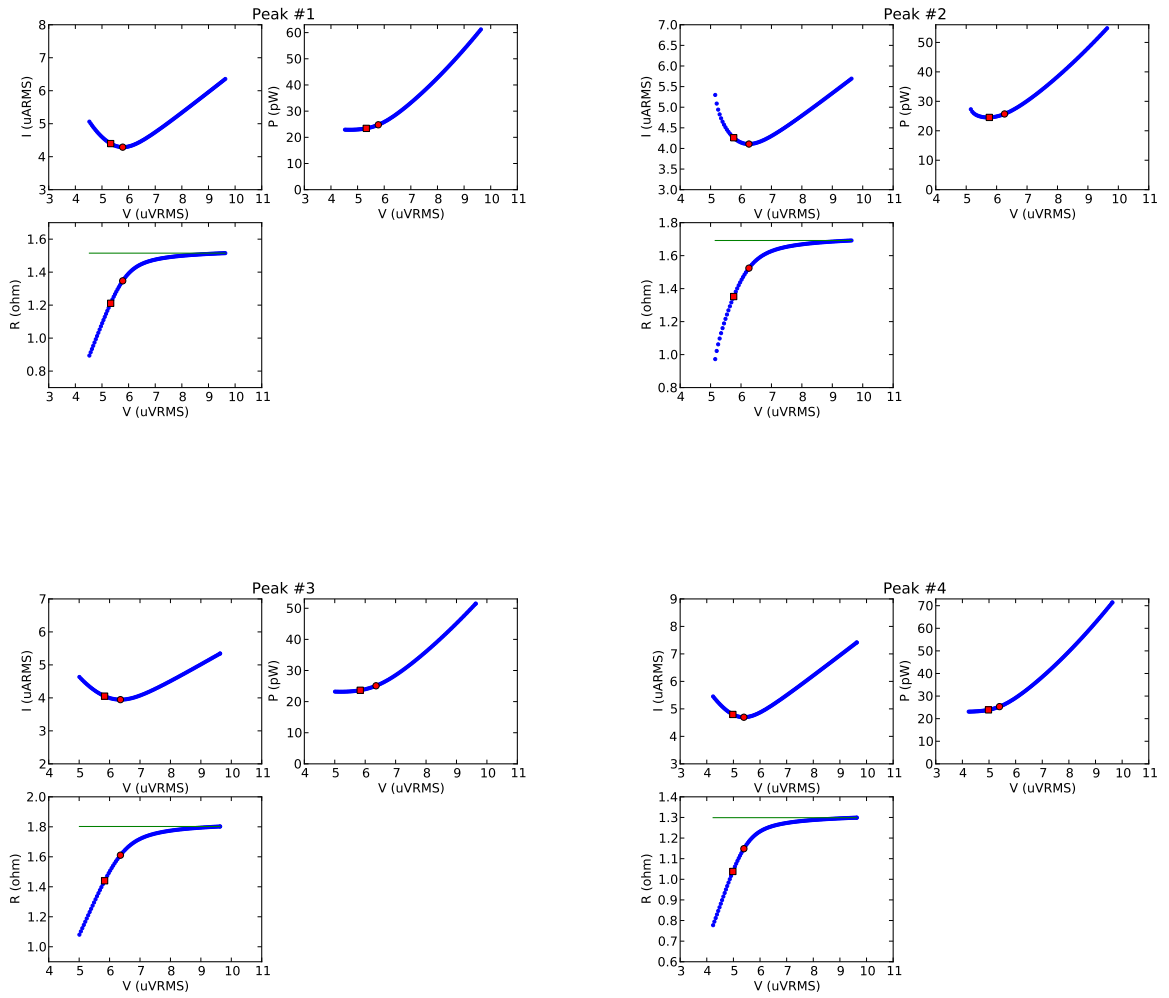


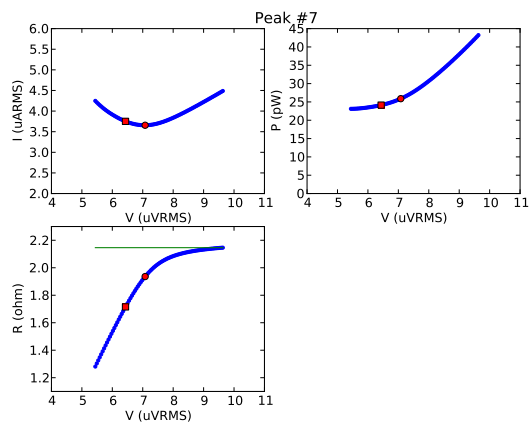
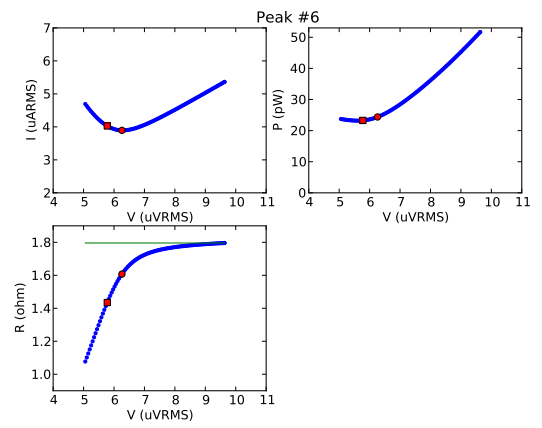
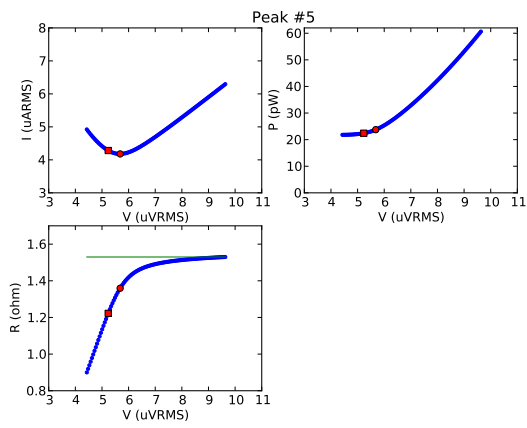
Comb O



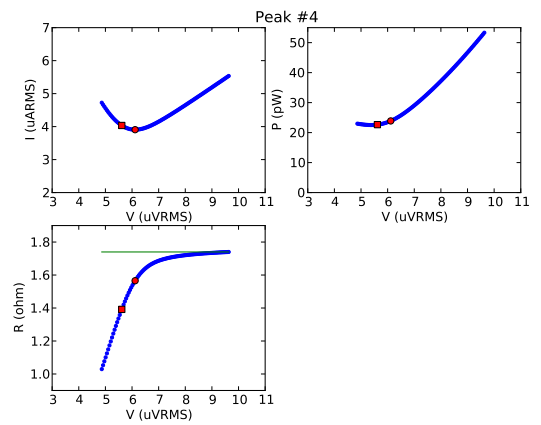
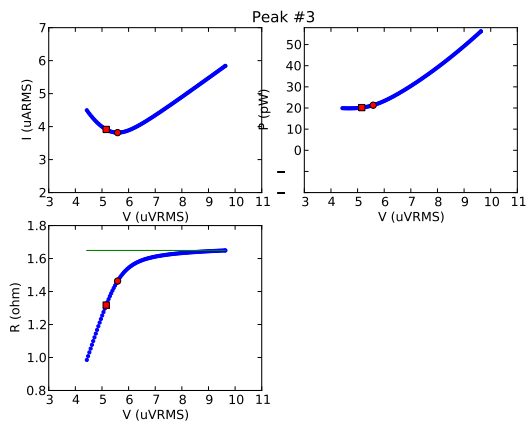
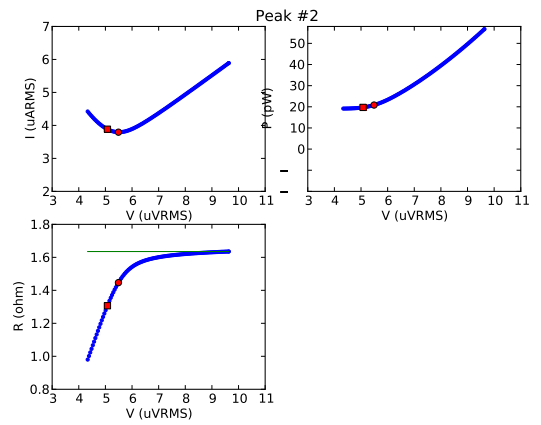
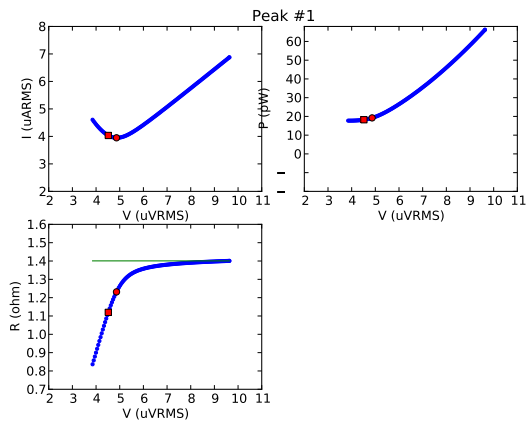


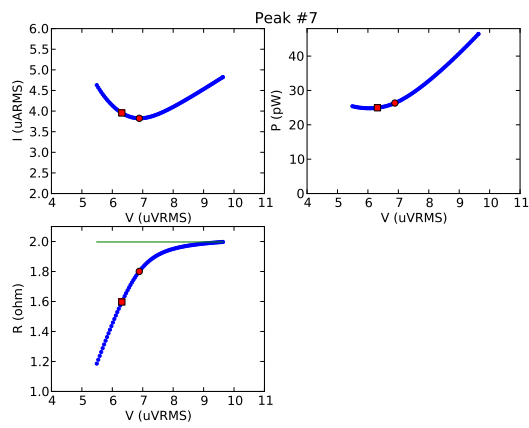
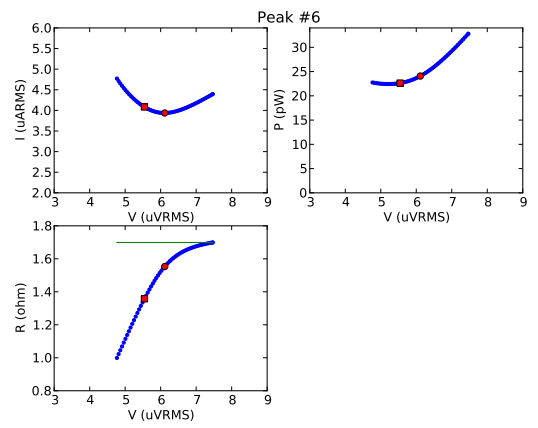
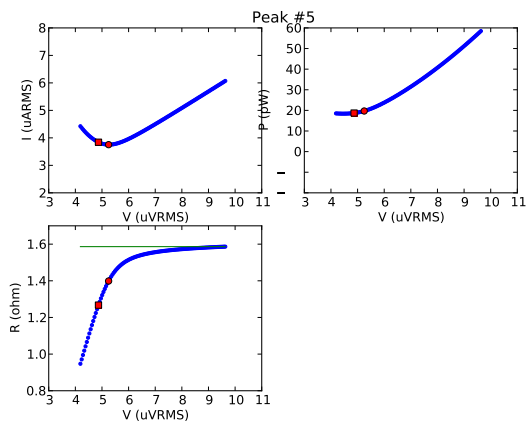
Comb P



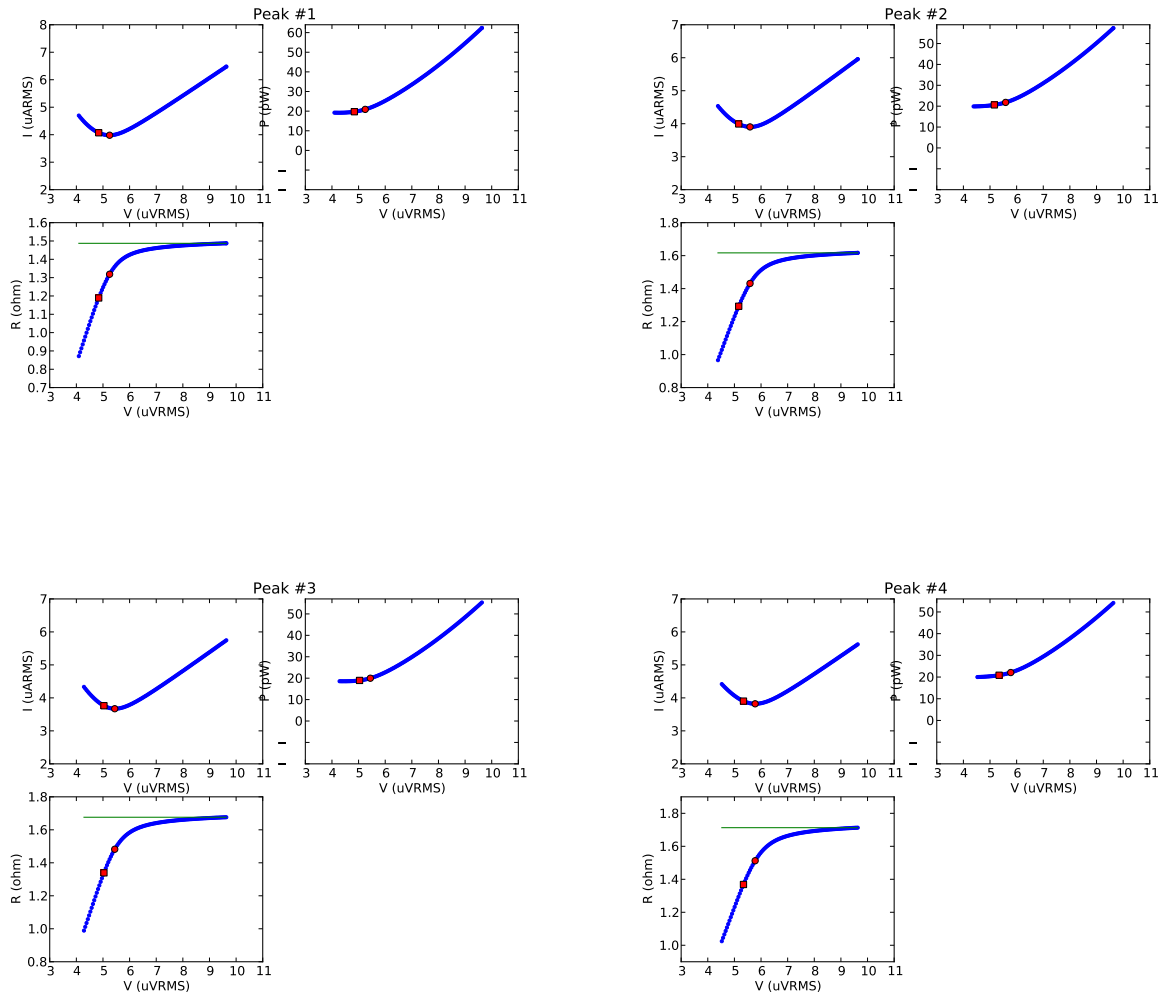


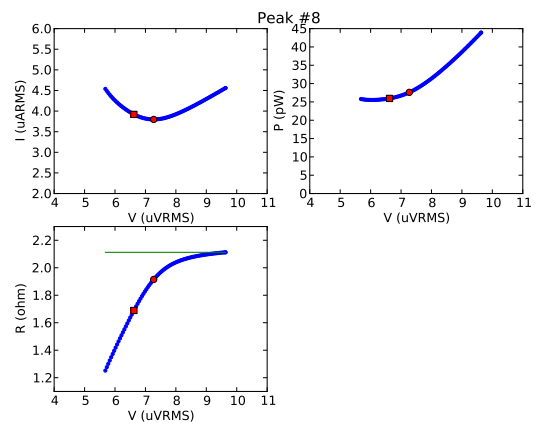
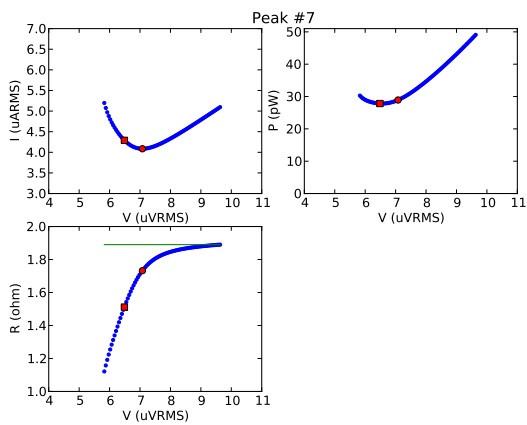
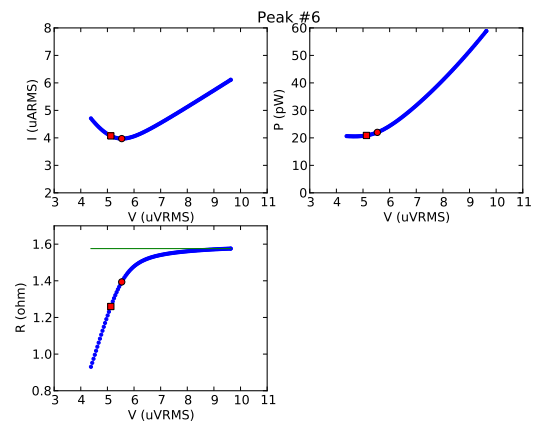
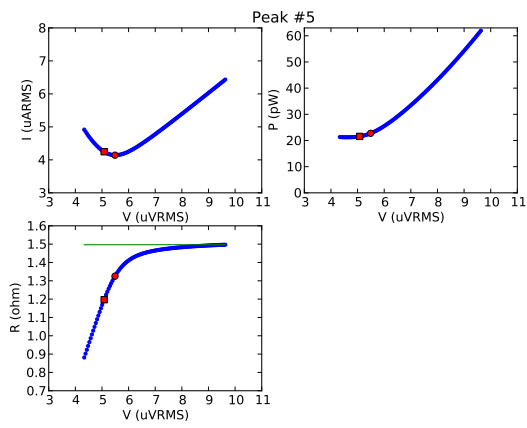
Comb Q



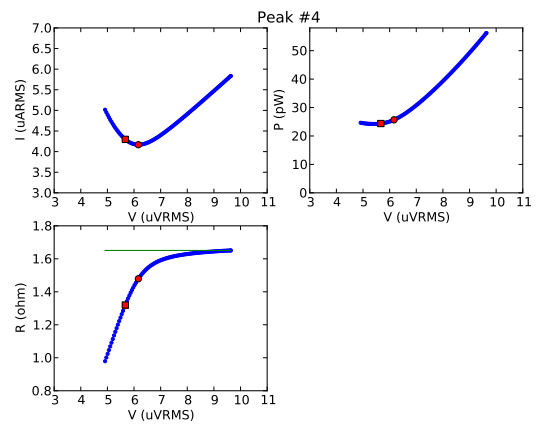
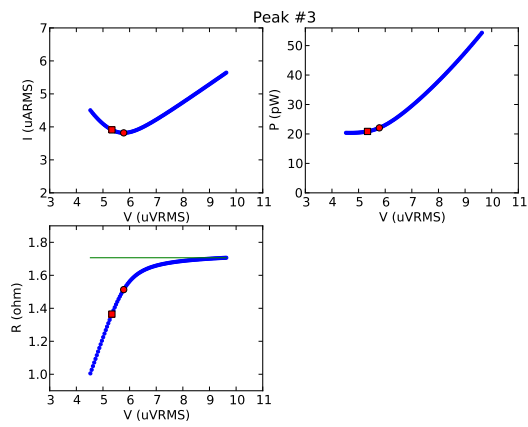
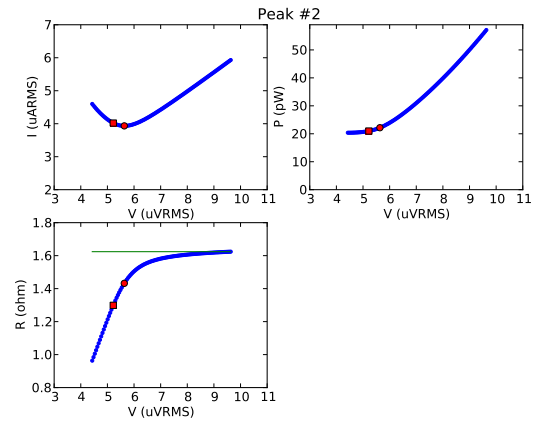
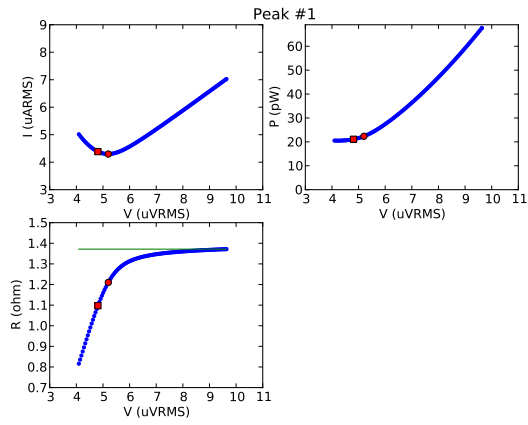


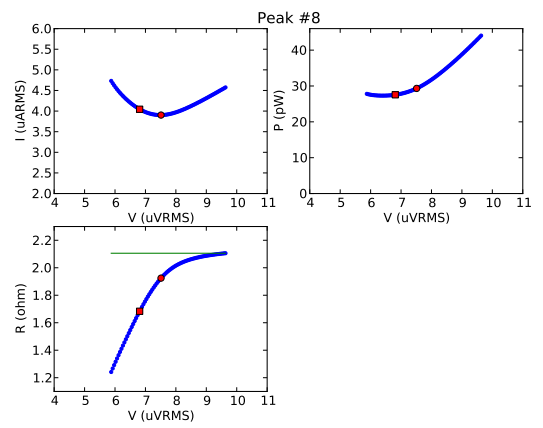
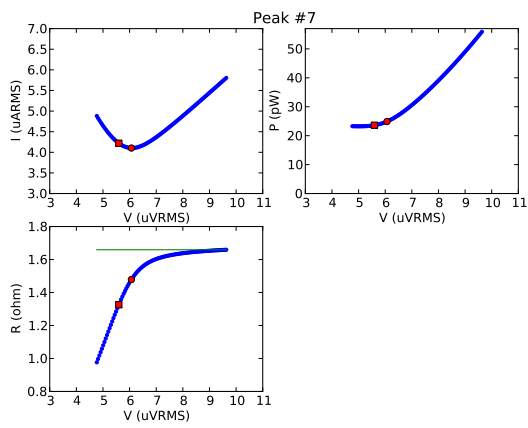
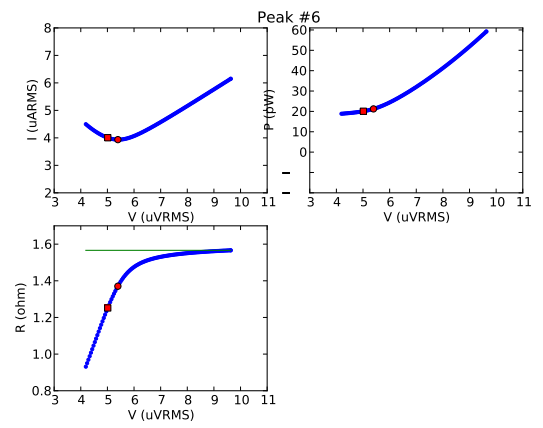
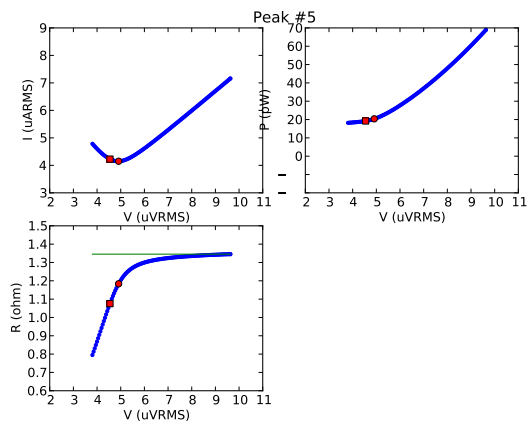
Comb R



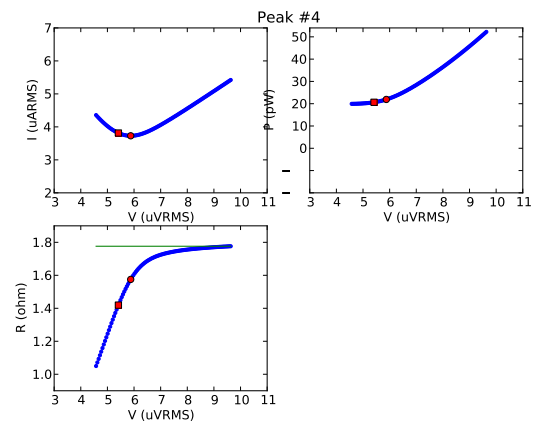
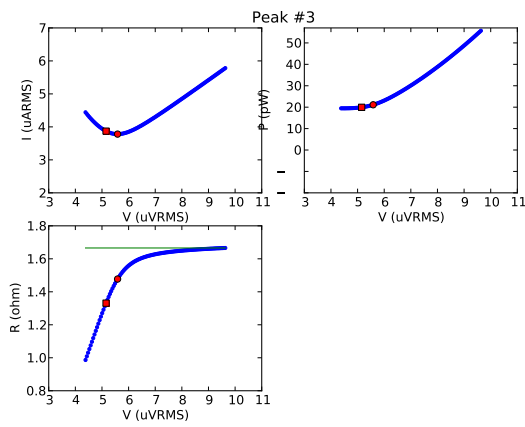
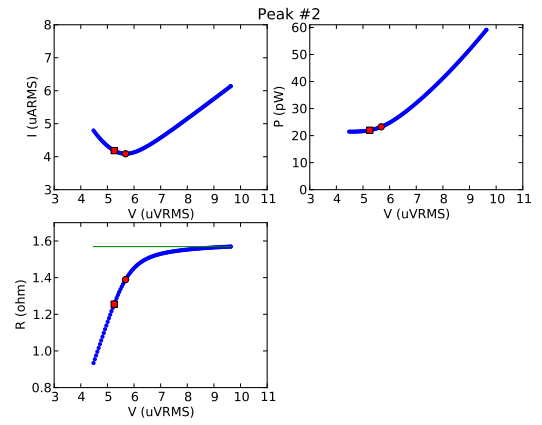
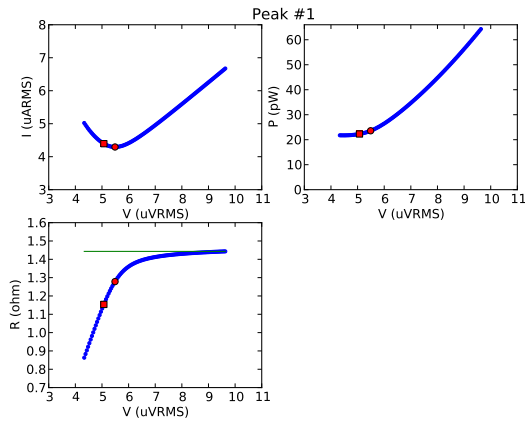


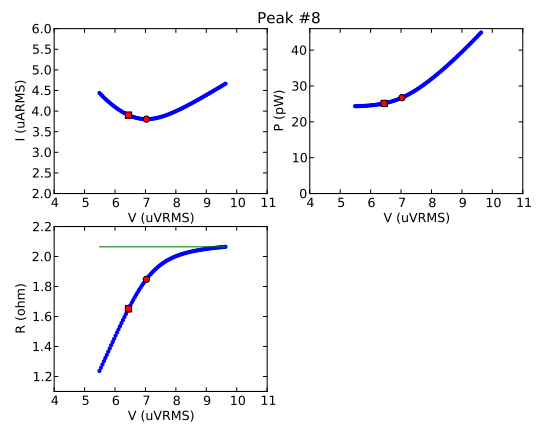
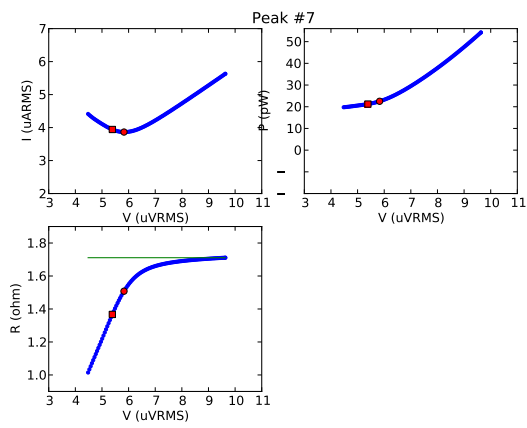
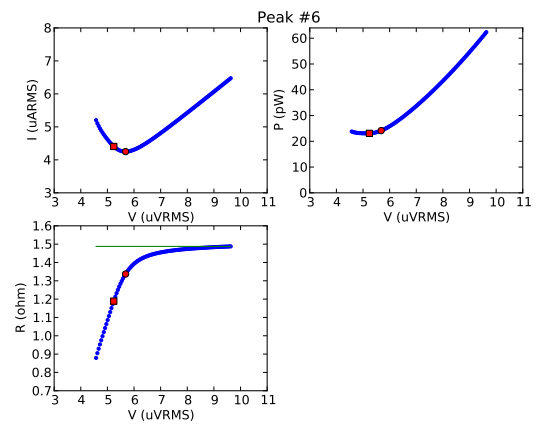
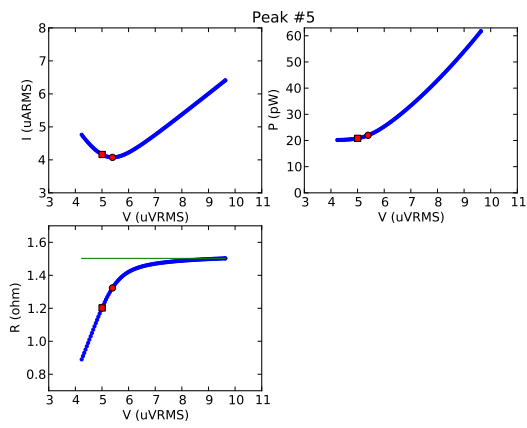
Comb S



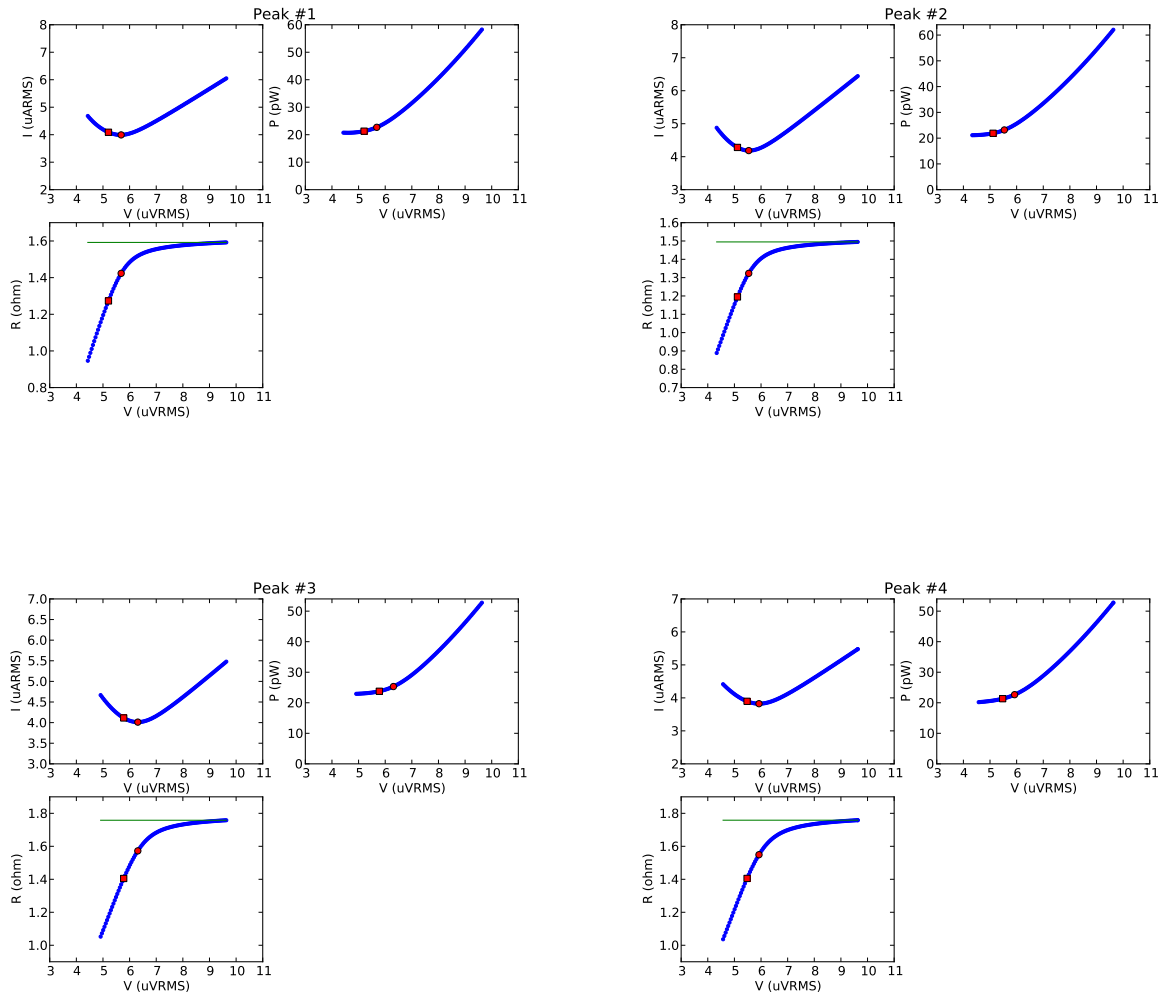


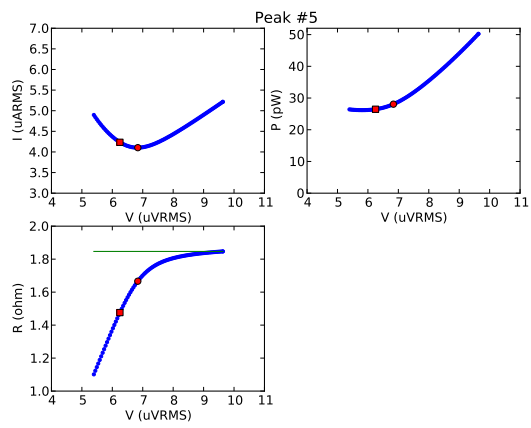
Comb T



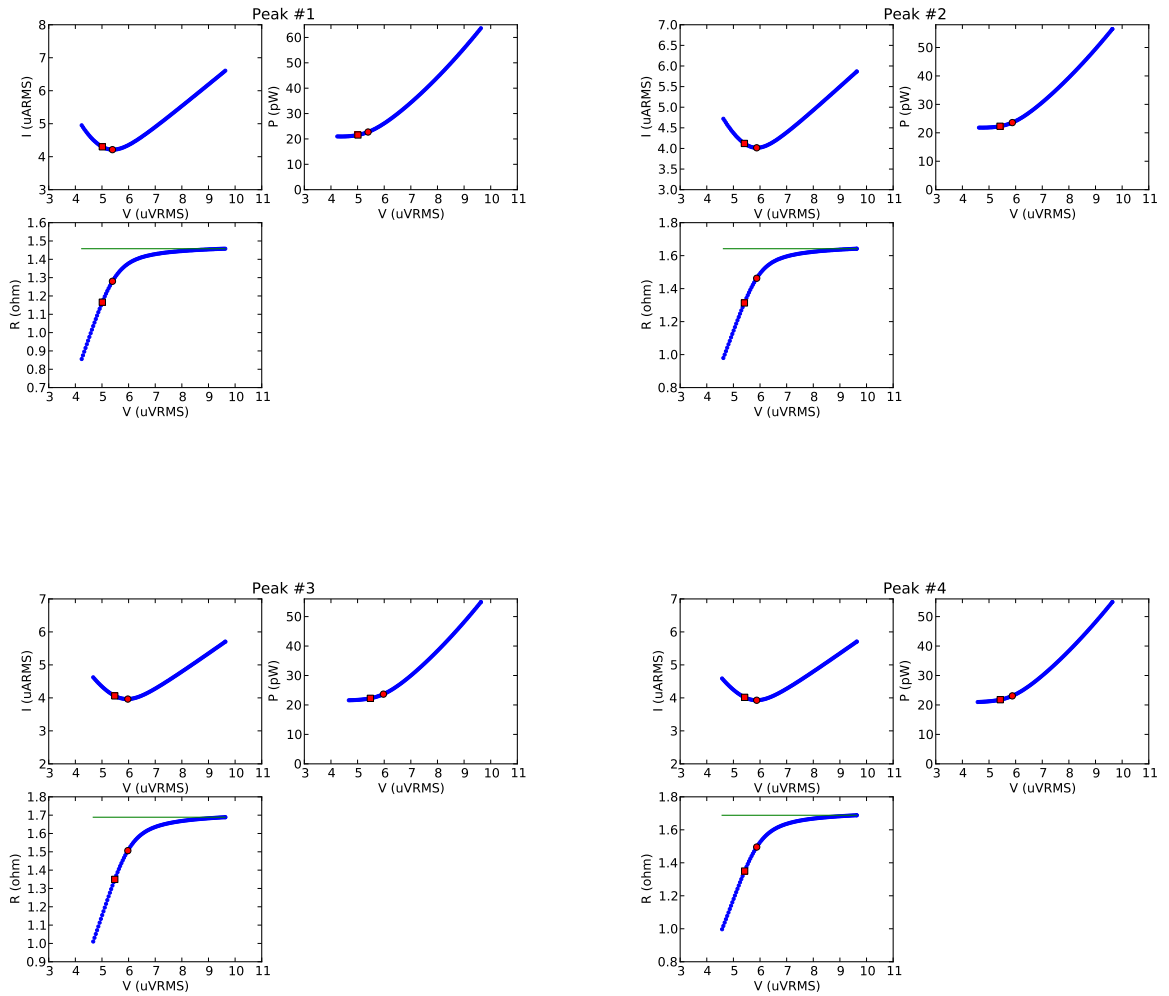


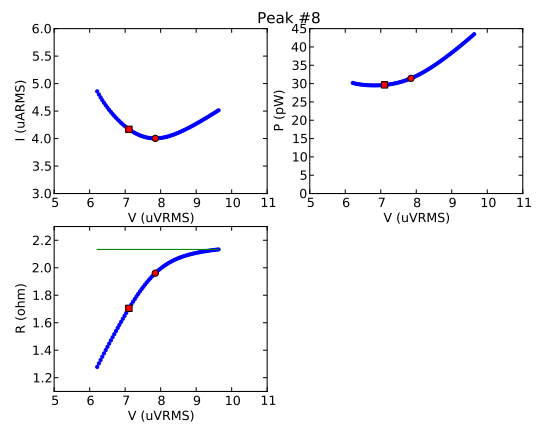
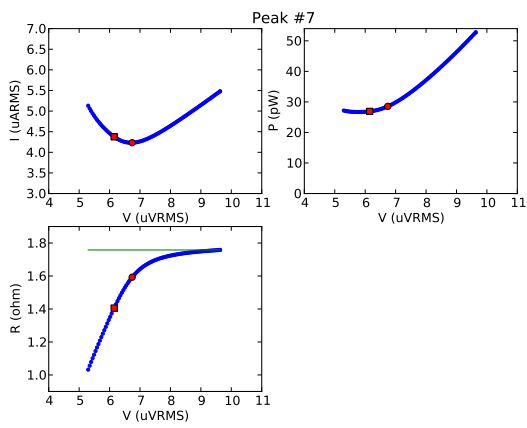
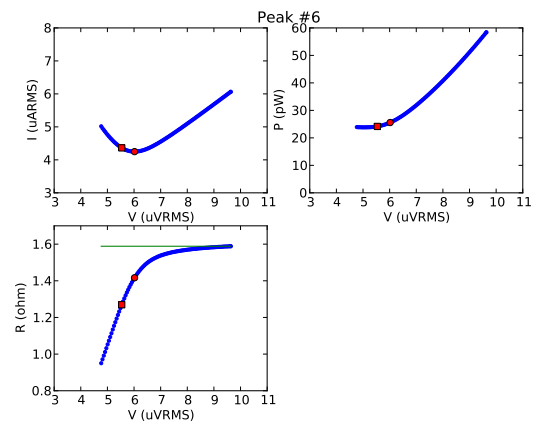
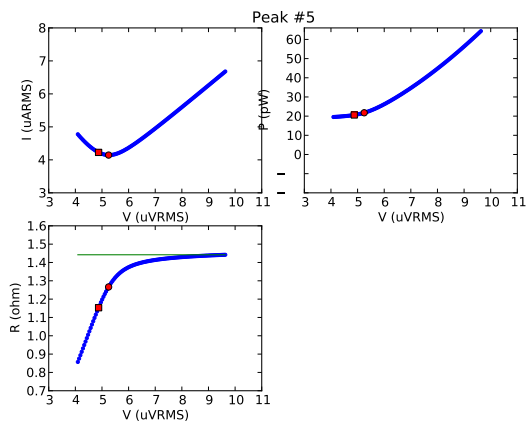
Comb U



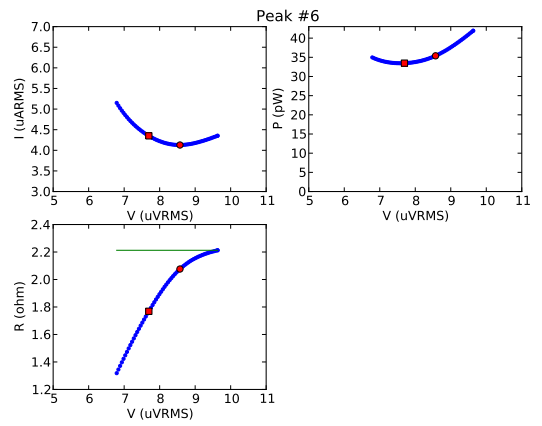
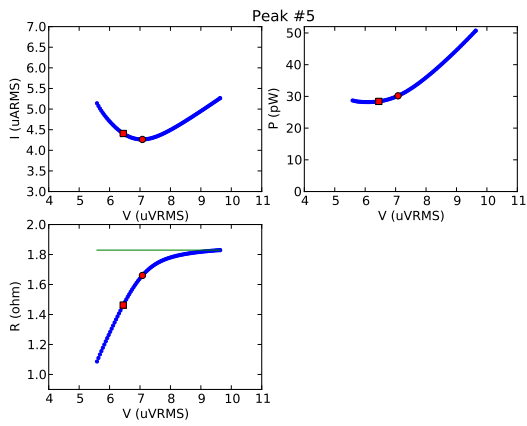
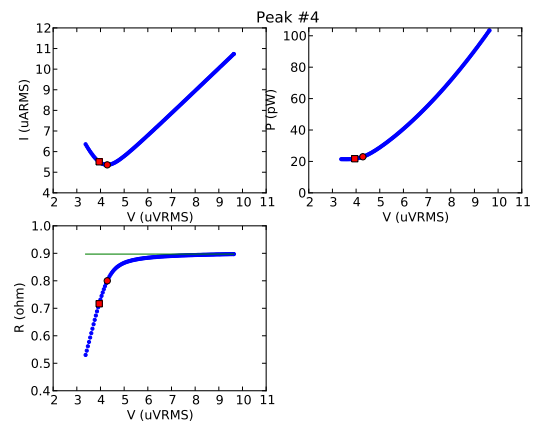
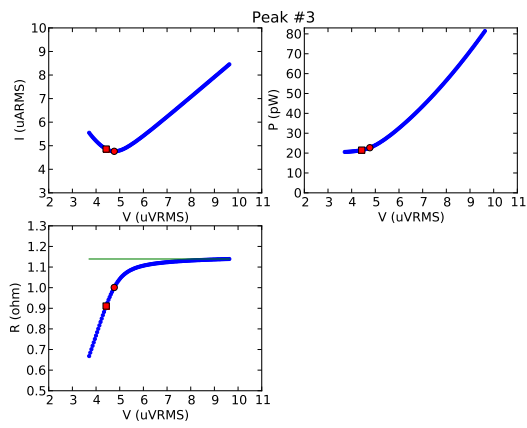


Comb V





Comb X



Parameters

Table 1: Parameters for bolometer comb A

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	24.51	1.44	23.68	1.40
2	25.11	1.59	24.16	1.54
3	26.96	1.67	25.74	1.60
4	25.42	1.43	23.41	1.34
5	23.20	1.47	21.17	1.37
6	27.91	1.63	25.46	1.51
7	32.25	2.00	30.14	1.89

Table 2: Parameters for bolometer comb B

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	23.80	1.40	23.34	1.38
2	25.64	1.56	25.07	1.53
3	25.72	1.72	25.06	1.68
4	23.78	1.83	23.06	1.79
5	26.29	1.37	23.94	1.27
6	28.09	1.60	25.86	1.49
7	26.83	1.84	24.97	1.74

Table 3: Parameters for bolometer comb C

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	23.84	1.44	23.31	1.42
2	24.68	1.56	23.99	1.53
3	22.77	1.71	22.08	1.67
4	25.94	1.70	24.87	1.64
5	21.62	1.34	19.77	1.25
6	23.32	1.48	21.33	1.39
7	26.38	1.60	24.03	1.49
8	30.58	1.98	28.56	1.88

Table 4: Parameters for bolometer comb D

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	25.15	1.49	24.74	1.47
2	26.09	1.79	25.65	1.77
3	24.11	1.56	23.10	1.51
4	24.53	1.39	22.85	1.32
5	25.78	1.66	24.24	1.58
6	26.33	1.84	24.83	1.76
7	24.90	1.73	22.07	1.58

Table 5: Parameters for bolometer comb E

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	23.91	1.44	23.38	1.41
2	22.38	1.60	21.79	1.57
3	25.31	1.68	24.53	1.64
4	25.13	1.74	24.17	1.69
5	22.51	1.45	20.86	1.36
6	26.96	1.57	24.90	1.47
7	28.62	1.71	26.41	1.60
8	29.27	2.00	27.37	1.89

Table 6: Parameters for bolometer comb J

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	23.86	1.45	23.43	1.43
2	22.70	1.66	22.24	1.64
3	24.34	1.67	23.66	1.63
4	23.84	1.71	23.00	1.66
5	23.37	1.48	21.89	1.40
6	26.31	1.54	24.42	1.45
7	28.51	1.62	26.29	1.52
8	28.30	1.88	26.40	1.78

Table 7: Parameters for bolometer comb K

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	0.00	1.53	0.00	1.50
2	23.21	1.67	22.63	1.63
3	23.42	1.73	22.70	1.69
4	22.80	1.72	21.84	1.66
5	22.99	1.35	20.96	1.26
6	23.70	1.50	21.70	1.40
7	28.54	1.55	25.77	1.43
8	25.37	1.88	23.46	1.77

Table 8: Parameters for bolometer comb L

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	26.91	1.50	26.47	1.48
2	25.95	1.66	25.42	1.63
3	26.22	1.78	25.58	1.74
4	25.83	1.36	23.91	1.28
5	25.81	1.55	24.03	1.46
6	29.59	1.81	27.82	1.73
7	30.35	2.19	28.90	2.10

Table 9: Parameters for bolometer comb M

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	25.46	1.41	24.86	1.38
2	20.20	1.55	19.62	1.52
3	24.75	1.71	23.99	1.67
4	25.70	1.78	24.76	1.73
5	27.50	1.47	25.53	1.39
6	25.65	1.57	23.69	1.48
7	29.46	1.75	27.31	1.64
8	35.39	2.11	33.43	2.01

Table 10: Parameters for bolometer comb O

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	22.85	1.58	22.44	1.56
2	25.90	1.57	24.97	1.53
3	23.88	1.78	23.03	1.73
4	19.55	1.49	18.22	1.41
5	23.83	1.53	21.95	1.44
6	23.67	1.67	21.84	1.57
7	0.00	2.07	0.00	1.97

Table 11: Parameters for bolometer comb P

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	24.79	1.52	24.42	1.50
2	25.71	1.69	25.26	1.67
3	25.08	1.80	24.54	1.77
4	25.33	1.30	23.39	1.22
5	23.75	1.53	22.17	1.45
6	24.38	1.80	22.89	1.71
7	25.88	2.15	24.66	2.06

Table 12: Parameters for bolometer comb Q

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	19.21	1.40	18.70	1.37
2	20.83	1.64	20.28	1.60
3	21.32	1.65	20.56	1.60
4	23.89	1.74	22.90	1.68
5	19.70	1.59	18.43	1.51
6	24.08	1.70	22.54	1.61
7	26.34	2.00	24.52	1.89

Table 13: Parameters for bolometer comb R

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	20.90	1.49	20.53	1.47
2	21.80	1.62	21.32	1.59
3	19.98	1.68	19.40	1.64
4	22.08	1.71	21.29	1.67
5	22.74	1.50	21.34	1.43
6	22.00	1.58	20.45	1.49
7	28.93	1.89	27.33	1.80
8	27.61	2.11	26.14	2.02

Table 14: Parameters for bolometer comb S

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	22.35	1.37	21.77	1.34
2	22.17	1.62	21.59	1.59
3	22.07	1.71	21.34	1.66
4	25.69	1.65	24.51	1.59
5	20.38	1.35	18.61	1.26
6	21.23	1.57	19.59	1.47
7	24.90	1.66	22.77	1.55
8	29.32	2.11	27.58	2.00

Table 15: Parameters for bolometer comb T

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	23.57	1.44	23.14	1.42
2	23.24	1.57	22.70	1.54
3	21.12	1.67	20.53	1.63
4	21.91	1.78	21.20	1.73
5	21.98	1.50	20.68	1.43
6	24.15	1.49	22.28	1.40
7	22.52	1.71	21.00	1.62
8	26.75	2.06	25.27	1.97

Table 16: Parameters for bolometer comb U

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	22.69	1.59	22.27	1.57
2	23.18	1.49	22.24	1.45
3	25.31	1.76	24.38	1.71
4	22.65	1.76	21.53	1.69
5	28.06	1.85	25.92	1.73

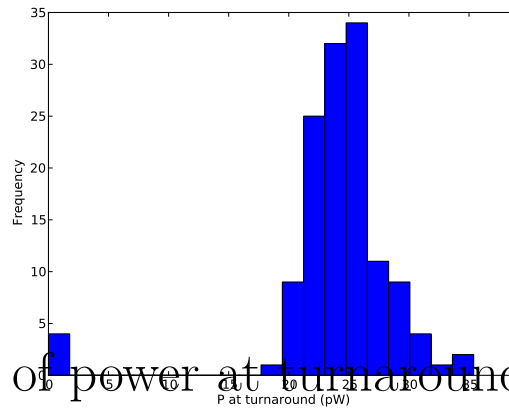
Table 17: Parameters for bolometer comb V

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	22.72	1.46	22.33	1.44
2	23.59	1.64	23.12	1.62
3	23.67	1.69	23.06	1.65
4	23.08	1.69	22.27	1.64
5	21.76	1.44	20.37	1.37
6	25.58	1.59	23.91	1.51
7	28.54	1.76	26.73	1.67
8	31.42	2.13	29.86	2.04

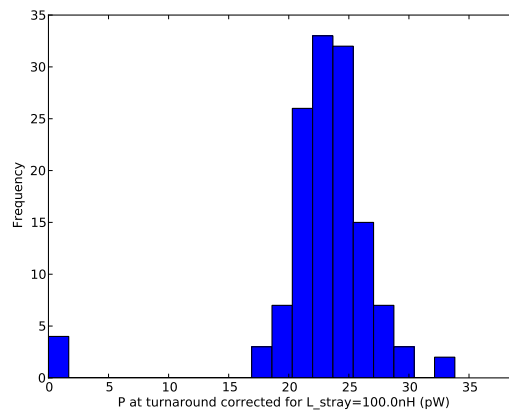
Table 18: Parameters for bolometer comb X

Peak ID	P_{turn} pW	R_n Ω	$P_{turn}(L_{stray} = 100.0nH)$ pW	$R_n(L_{stray} = 100.0nH)$ Ω
1	0.00	1.86	0.00	1.84
2	0.00	1.78	0.00	1.75
3	22.71	1.14	20.39	1.05
4	22.96	0.90	18.22	0.75
5	30.18	1.83	28.43	1.74
6	35.39	2.21	33.82	2.13

Distribution of power at turnaround ($24.1 \pm 5.1 \text{ pW}_{RMS}$)



Distribution of power at turnaround corrected with $L_{stray} = 100.0 \text{ nH}$ ($22.9 \pm 4.8 \text{ pW}_{RMS}$)



Distribution of power at turnaround $V^2/R_{n_netanal}$ (21.6 ± 5.8 pW_{RMS})

