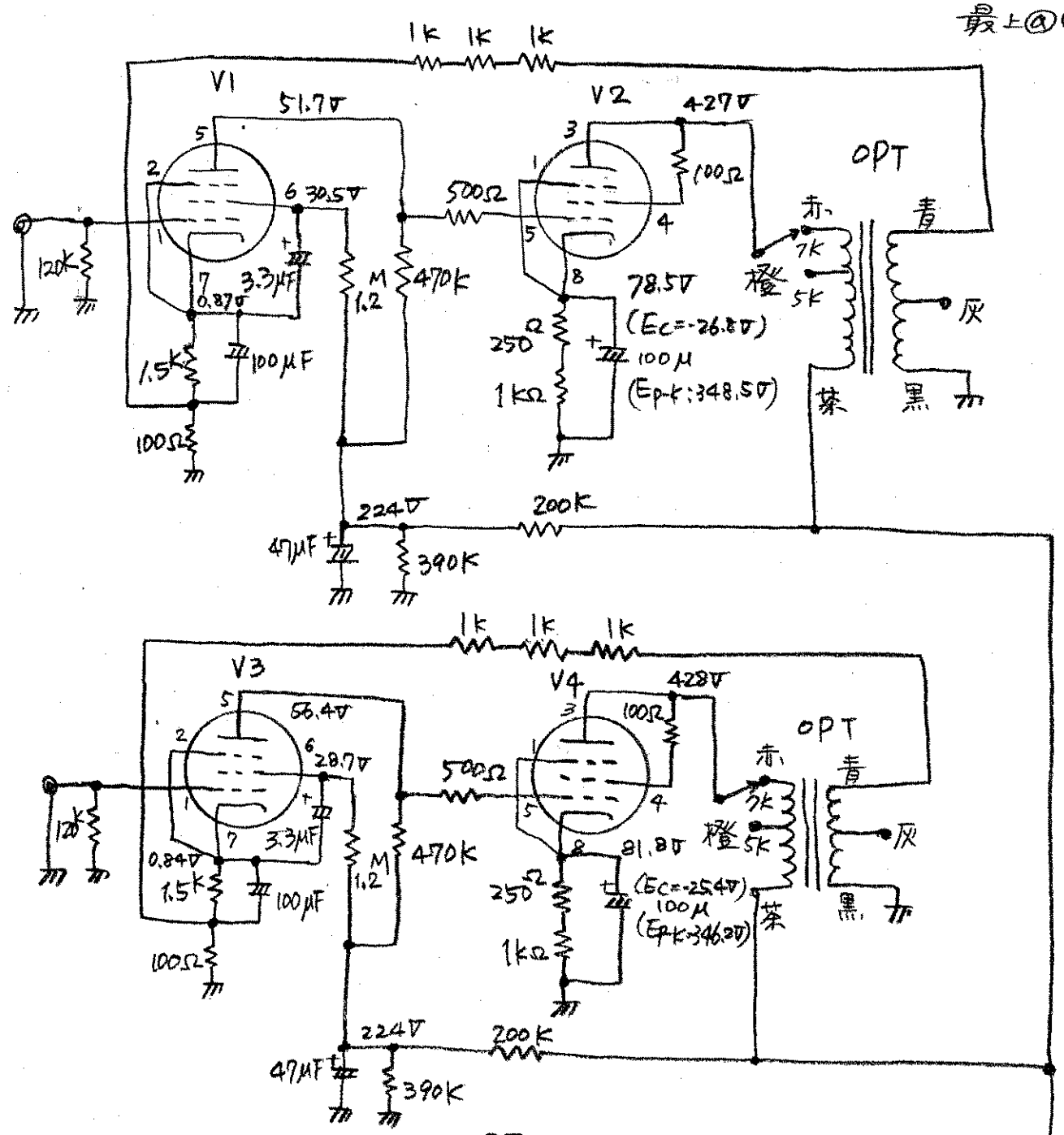
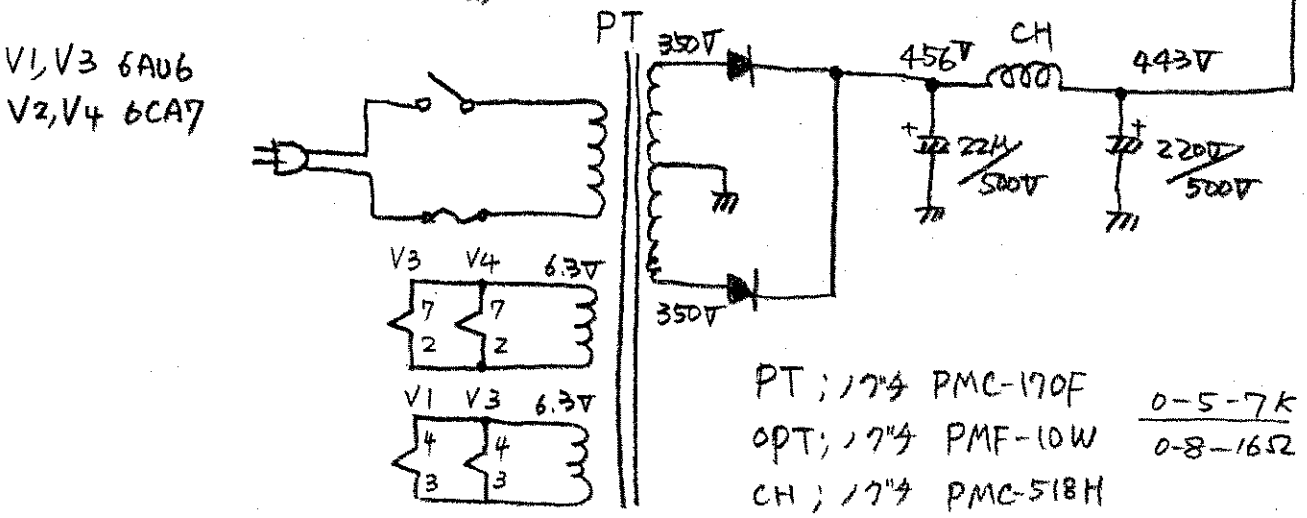
《6CA7-6AU6 直結SEアンプ》

99,4,28
最上@町田





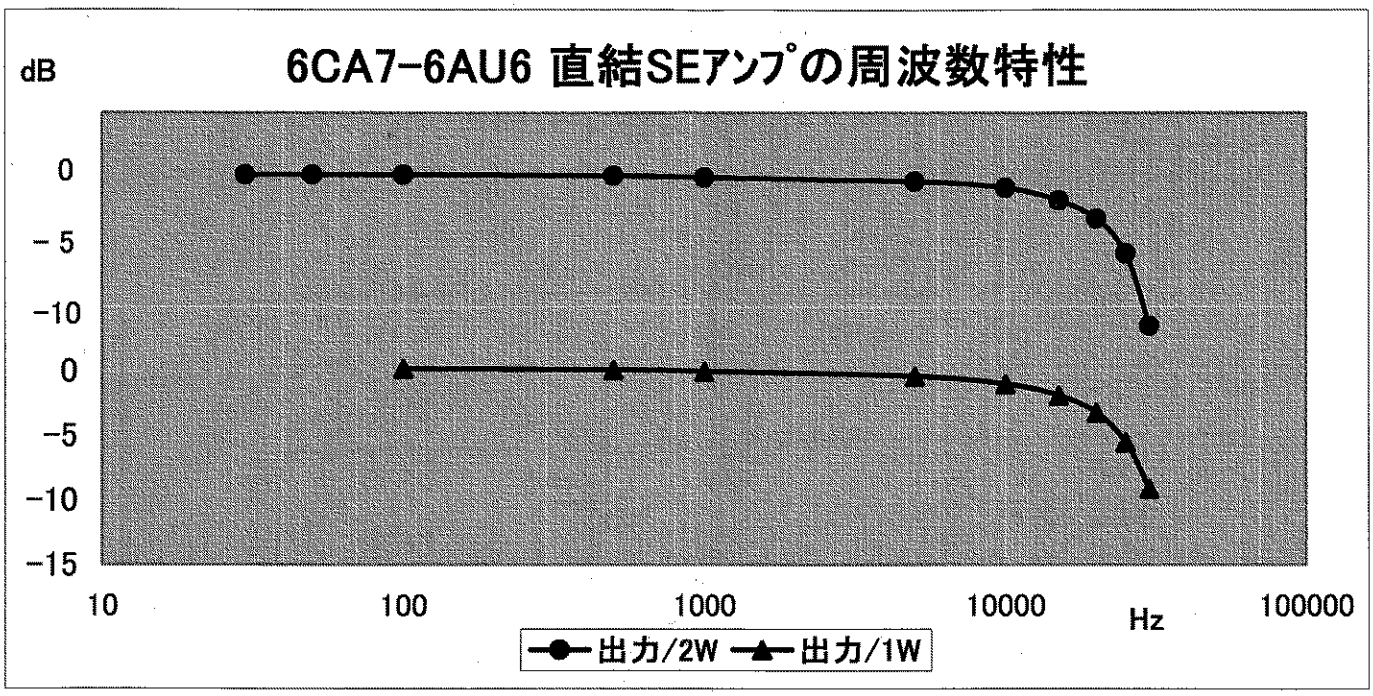
V1,V3 6AU6
V2,V4 6CA7

PT ; ノグチ PMC-170F
OPT; ノグチ PMF-10W
CH ; ノグチ PMC-518H

0-5-7K
0-8-16Ω

99.4.28
Mogami

Hz	30	50	100	500	基準 1000	5000	10000	15000	20000	25000	30000
出力/2W	0.2	0.2	0.2	0.1	0	-0.3	-0.8	-1.8	-3.2	-5.9	-11.5
出力/1W			0.2	0.1	0	-0.4	-1	-1.9	-3.2	-5.5	-9.1



6CA7-6AU6 直結SEアンプの電圧状態

2008.01.16
Migami

帰還なし　Pri;3.5kΩ　Sec;8Ω
測定周波数 1kHz　In=0V Ek-g1 27.5 Vdc

Vin	Vout	Pin	Pout	Epp	Ep	Ek	Ep-k	Ik			Epp	Ek	Ik
0	0	21.9	0	458	440	75.0	365.0	60.0			229.1	0.851	0.53
0.019	2.00	.	0.5						40.4	39.4			
0.027	2.82	22.0	1.0	457	439	75.9	363.1	60.7	40.4	39.4	229.0	0.849	0.53
0.034	3.47		1.5						40.2	39.4			
0.040	4.00	22.2	2.0	457	439	76.4	362.6	61.1	40.0	39.4	228.9	0.848	0.53
0.045	4.48		2.5						40.0	39.4			
0.050	4.91	22.3	3.0	456	439	77.0	362.0	61.6	39.8	39.4	229.0	0.848	0.53
0.055	5.30		3.5						39.7	39.4			
0.059	5.68	22.4	4.0	456	438	77.7	360.3	62.2	39.7	39.4	228.8	0.846	0.53
0.063	6.02		4.5						39.6	39.4			
0.066	6.33	22.3	5.0	454	435	78.2	356.8	62.6	39.6	39.4	228.0	0.841	0.53
0.070	6.64		5.5						39.5	39.4			
0.075	6.93	22.7	6.0	457	438	79.1	358.9	63.3	39.3	39.4	229.4	0.844	0.53
0.080	7.21		6.5						39.1	39.4			
0.086	7.47	22.8	7.0	456	437	79.9	357.1	63.9	38.8	39.4	228.8	0.839	0.52
0.093	7.75		7.5						38.4	39.4			
0.101	8.02	23.0	8.0	455	436	81.0	355.0	64.8	38.0	39.4	228.9	0.831	0.52
0.110	8.26		8.5						37.5	39.4			
0.120	8.50	23.3	9.0	456	436	82.2	353.8	65.8	37.0	39.4	228.8	0.822	0.51
Vac	Vac	W	W	Vdc	Vdc	Vdc	Vdc	mA	dB		Vdc	Vdc	mA

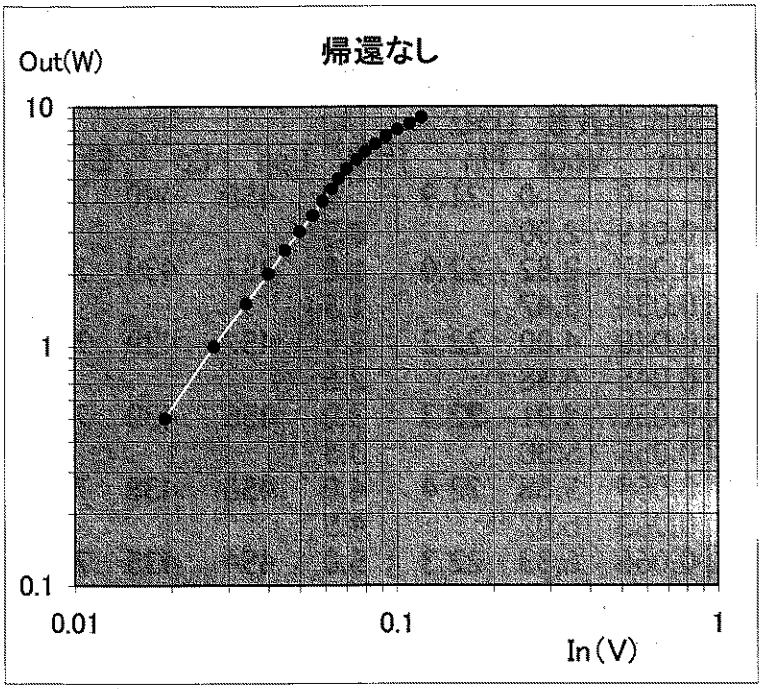
DF 1.9
4.01 8Ω
6.18 open

帰還あり　Pri;3.5kΩ　Sec;8Ω
測定周波数 1kHz　In=0V Ek-g1 27.5 Vdc

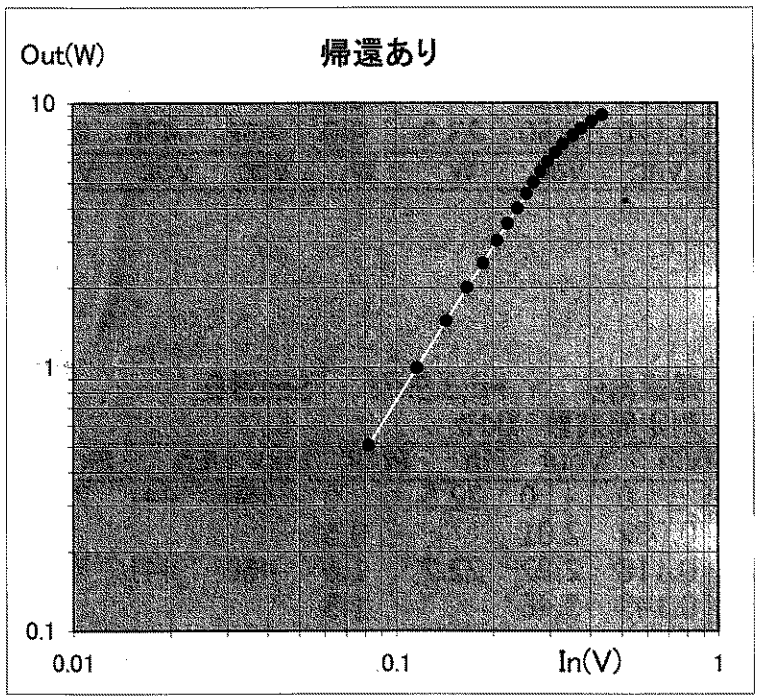
Vin	Vout	Pin	Pout	Epp	Ep	Ek	Ep-k	Ik			Epp	Ek	Ik
0	0	22.5	0	459	441	77.5	363.5	62.0			230.5	0.898	0.56
0.082	2.01		0.5						27.8	26.8			
0.116	2.82	22.7	1.0	460	441	78.0	363.0	62.4	27.7	26.8	230.7	0.899	0.56
0.143	3.46		1.5						27.7	26.8			
0.166	4.00	22.7	2.0	459	441	78.4	362.6	62.7	27.6	26.8	230.7	0.900	0.56
0.186	4.45		2.5						27.6	26.8			
0.206	4.91	22.6	3.0	457	438	78.8	359.2	63.0	27.5	26.8	229.9	0.895	0.56
0.222	5.29		3.5						27.5	26.8			
0.238	5.65	22.9	4.0	458	440	79.4	360.6	63.5	27.5	26.8	230.5	0.898	0.56
0.254	6.02		4.5						27.5	26.8			
0.267	6.32	23.0	5.0	458	439	80.2	358.8	64.2	27.5	26.8	230.2	0.895	0.56
0.281	6.62		5.5						27.4	26.8			
0.296	6.92	23.1	6.0	457	437	81.1	355.9	64.9	27.4	26.8	229.8	0.890	0.56
0.313	7.21		6.5						27.2	26.8			
0.330	7.47	23.2	7.0	456	437	81.8	355.2	65.4	27.1	26.8	229.7	0.882	0.55
0.354	7.75	23.3	7.5	456	436	82.3	353.7	65.8	26.8	26.8	229.5	0.875	0.55
0.376	8.00	23.4	8.0	456	436	83.0	353.0	66.4	26.6	26.8	229.4	0.866	0.54
0.406	8.26		8.5						26.2	26.8			
0.436	8.49	23.6	9.0	453	432	85.0	347.0	68.0	25.8	26.8	228.2	0.833	0.52
Vac	Vac	W	W	Vdc	Vdc	Vdc	Vdc	mA	dB		Vdc	Vdc	mA

DF 9.8
4.02 8Ω
4.43 open

増幅率	Out(Vac)	In(Vac)	Out(W)	利得dB
105.26	2	0.019	0.5	40.4
104.44	2.82	0.027	1.0	40.4
102.06	3.47	0.034	1.5	40.2
100.00	4	0.04	2.0	40.0
99.56	4.48	0.045	2.5	40.0
98.20	4.91	0.05	3.0	39.8
96.36	5.3	0.055	3.5	39.7
96.27	5.68	0.059	4.0	39.7
95.56	6.02	0.063	4.5	39.6
95.91	6.33	0.066	5.0	39.6
94.86	6.64	0.07	5.5	39.5
92.40	6.93	0.075	6.0	39.3
90.13	7.21	0.08	6.5	39.1
86.86	7.47	0.086	7.0	38.8
83.33	7.75	0.093	7.5	38.4
79.41	8.02	0.101	8.0	38.0
75.09	8.26	0.11	8.5	37.5
70.83	8.5	0.12	9.0	37.0



増幅率	Out(Vac)	In(Vac)	Out(W)	利得dB
24.51	2.01	0.082	0.5	27.8
24.31	2.82	0.116	1.0	27.7
24.20	3.46	0.143	1.5	27.7
24.10	4	0.166	2.0	27.6
23.92	4.45	0.186	2.5	27.6
23.83	4.91	0.206	3.0	27.5
23.83	5.29	0.222	3.5	27.5
23.74	5.65	0.238	4.0	27.5
23.70	6.02	0.254	4.5	27.5
23.67	6.32	0.267	5.0	27.5
23.56	6.62	0.281	5.5	27.4
23.38	6.92	0.296	6.0	27.4
23.04	7.21	0.313	6.5	27.2
22.64	7.47	0.33	7.0	27.1
21.89	7.75	0.354	7.5	26.8
21.28	8	0.376	8.0	26.6
20.34	8.26	0.406	8.5	26.2
19.47	8.49	0.436	9.0	25.8



出力(W)	帰還あり	帰還なし
0.5	27.8	40.4
1	27.7	40.4
1.5	27.7	40.2
2	27.6	40
2.5	27.6	40
3	27.5	39.8
3.5	27.5	39.7
4	27.5	39.7
4.5	27.5	39.6
5	27.5	39.6
5.5	27.4	39.5
6	27.4	39.3
6.5	27.2	39.1
7	27.1	38.8
7.5	26.8	38.4
8	26.6	38
8.5	26.2	37.5
9	25.8	37