

Duration 8000 ms

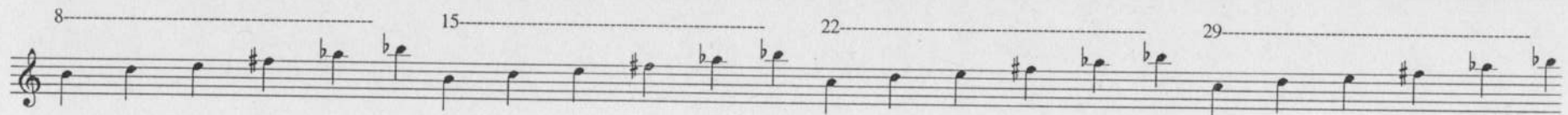
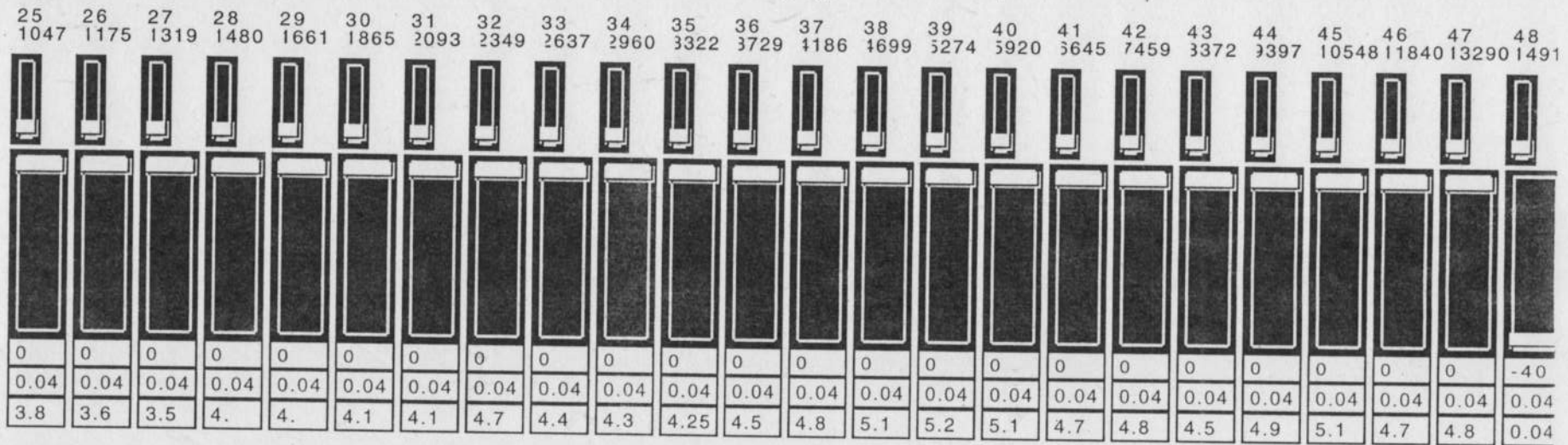
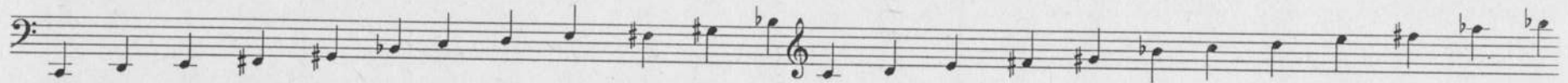
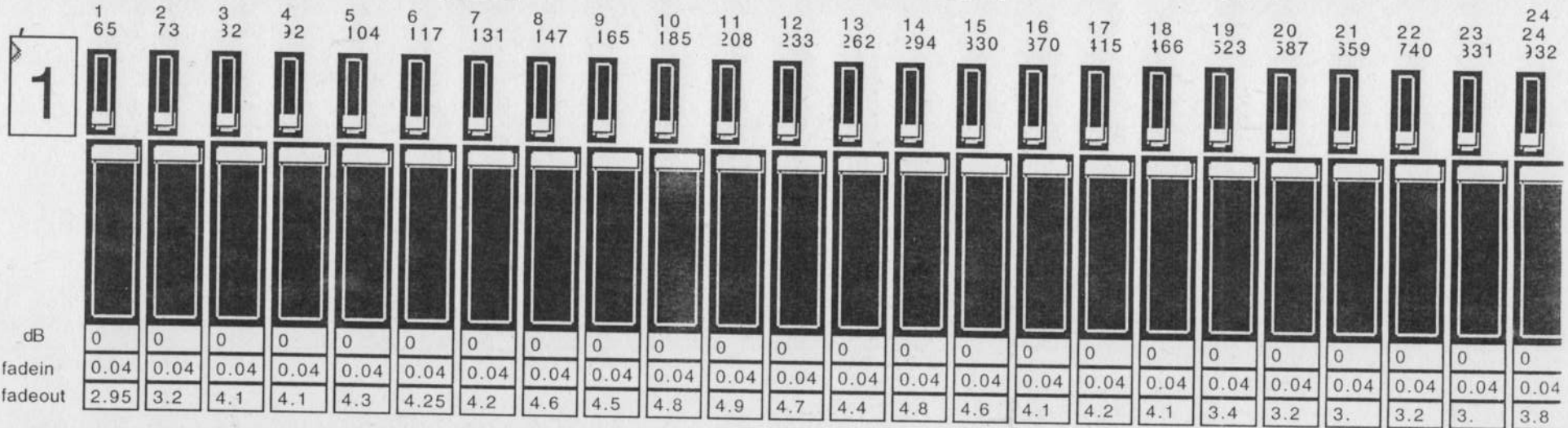
all on
 all off

show signal

all same fadein
 all same fadeout

show filter A

freeze spectrum



6500ms

all on
 all off

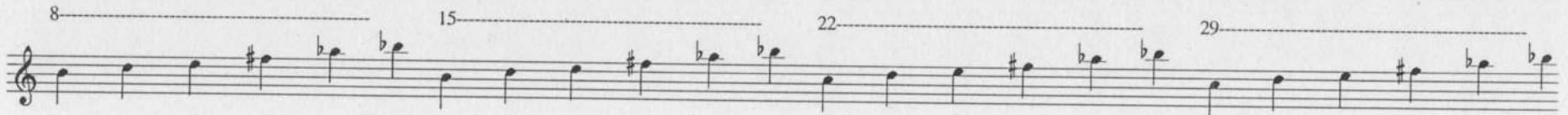
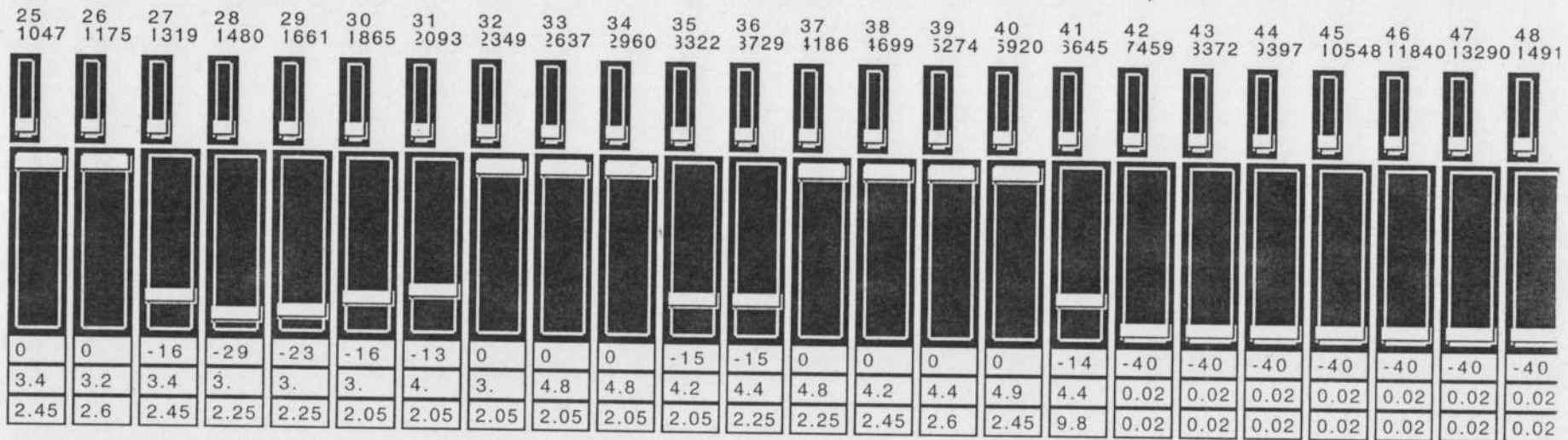
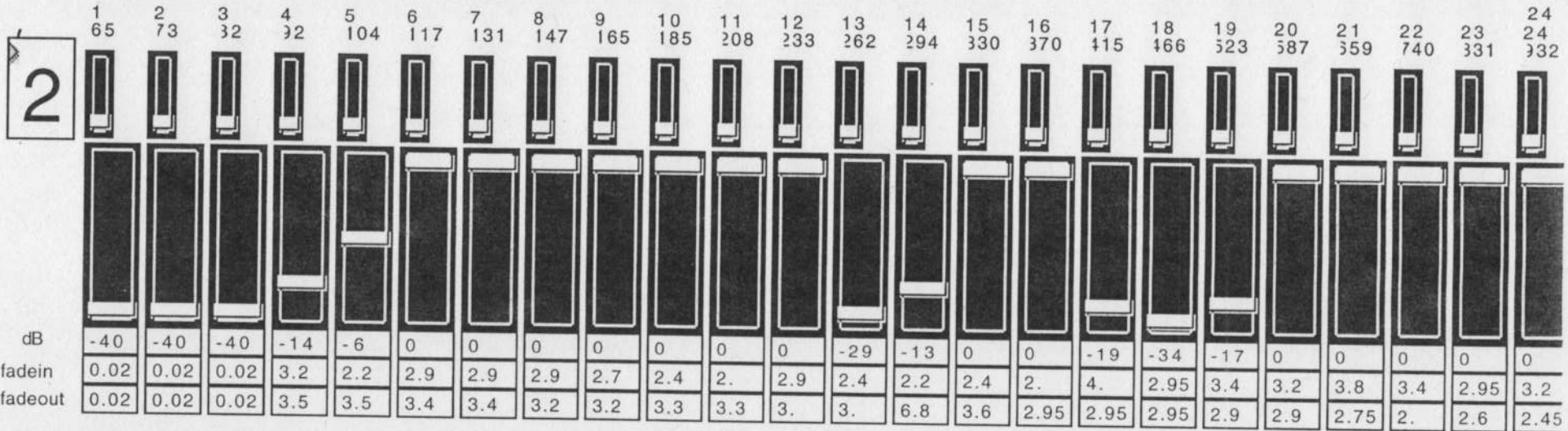
show signal

0.
 0.

all same fadein
 all same fadeout

show filter A

freeze spectrum



4500ms

all on
 all off

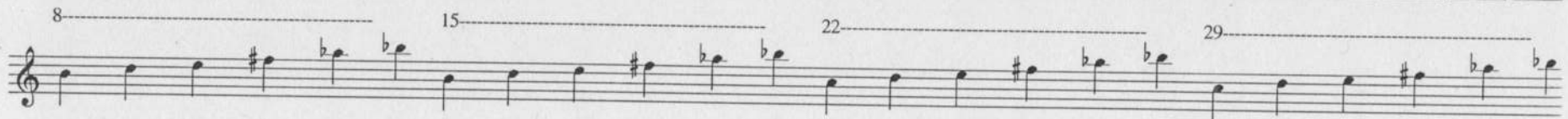
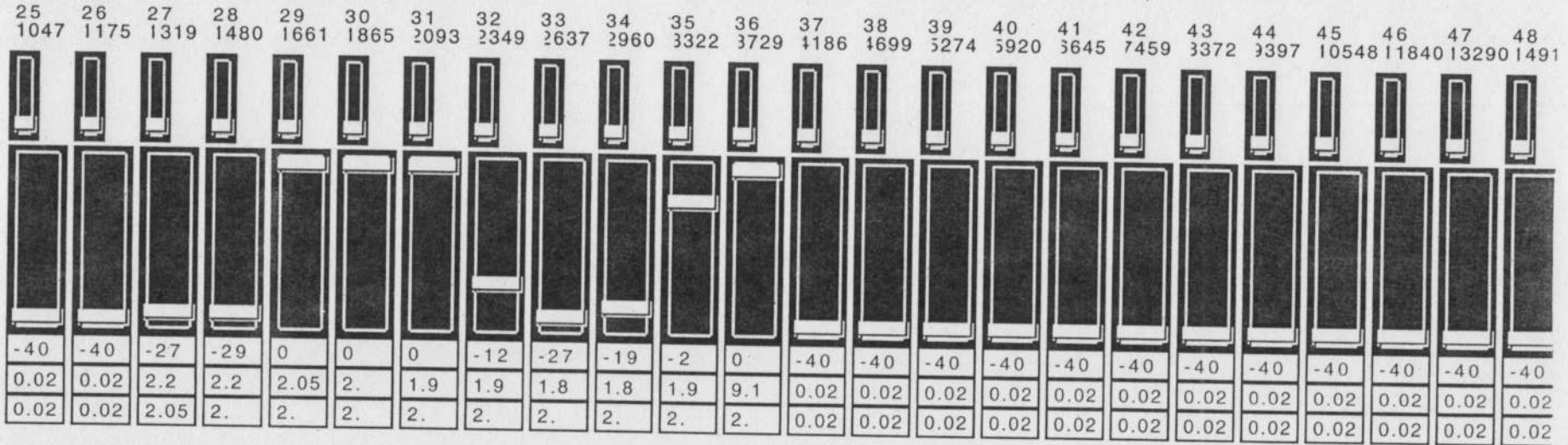
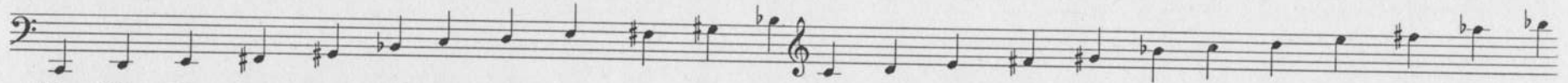
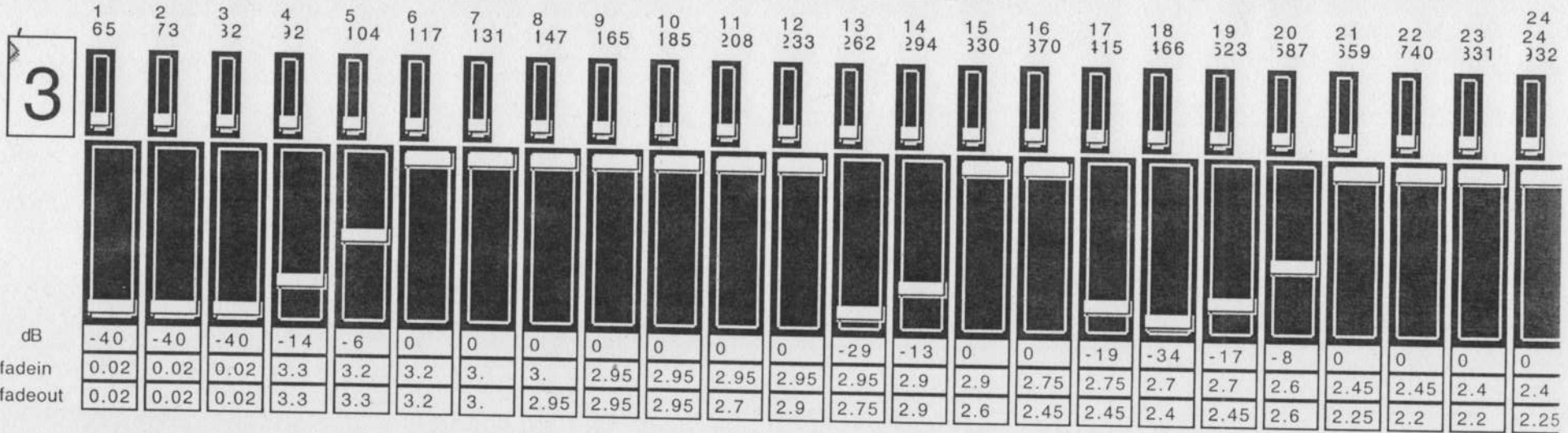
show signal

0.
 0.

all same fadein
all same fadeout

show filter A

freeze spectrum



3000 ms

all on
 all off

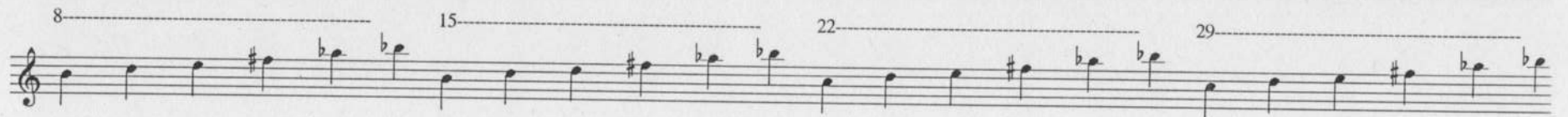
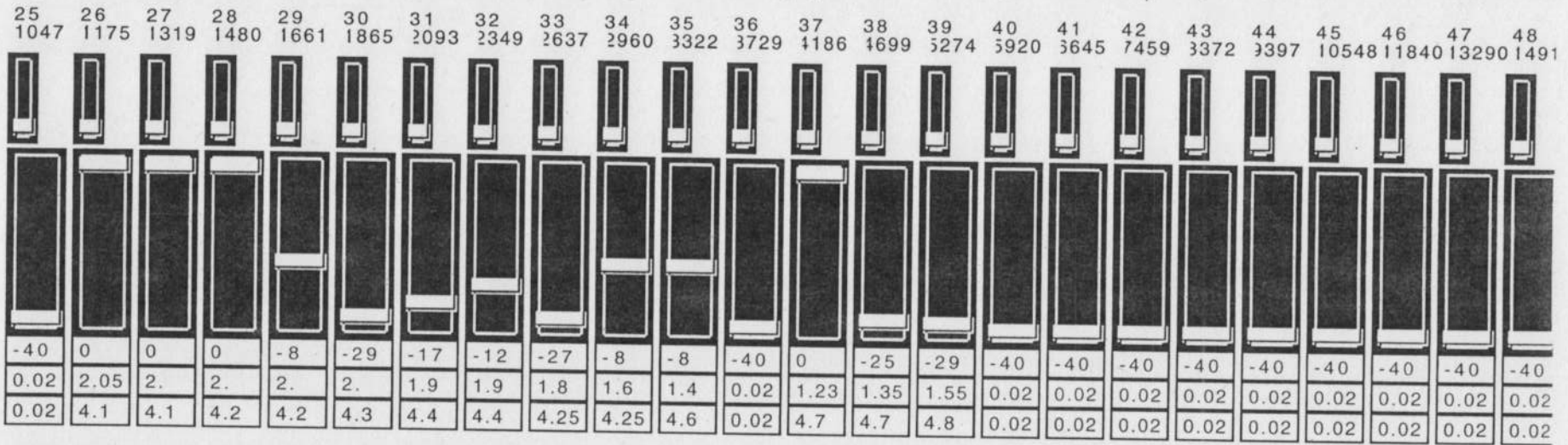
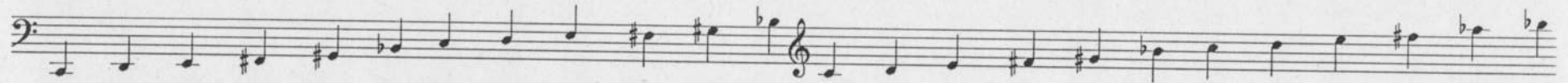
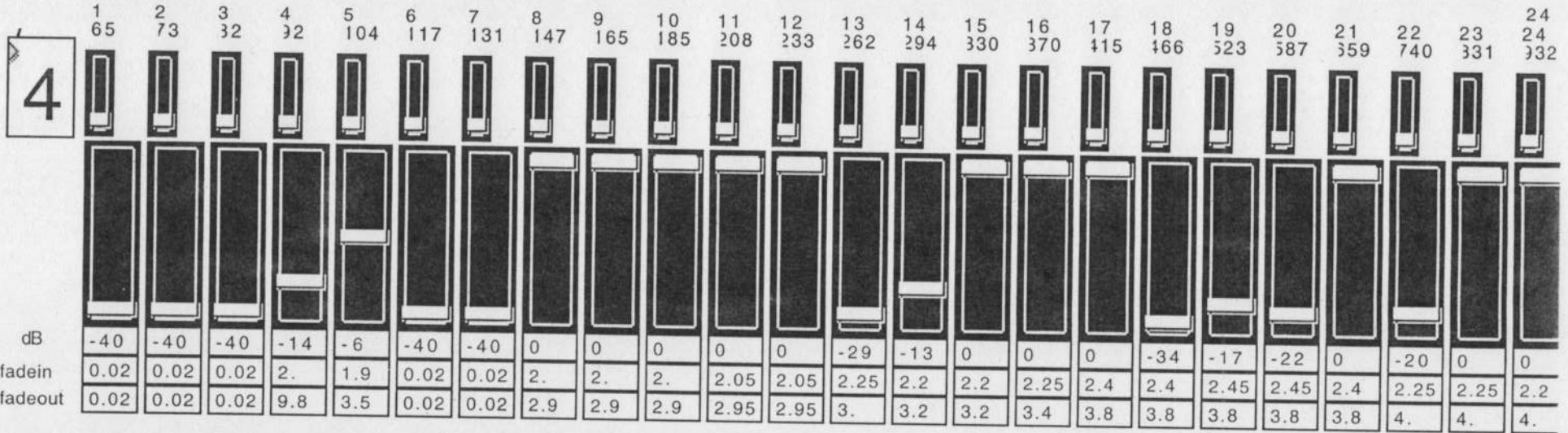
show signal

>0.
 <0.

all same fadein
 all same fadeout

show filter A

freeze spectrum



5500ms

- all on
- all off

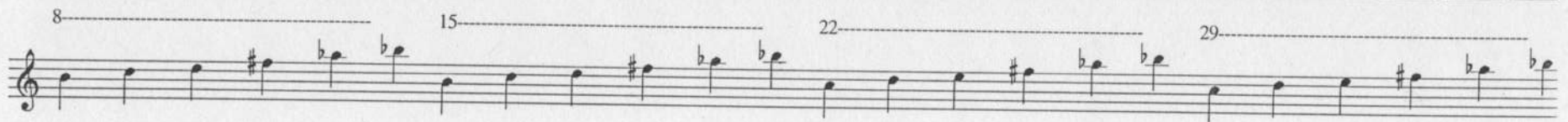
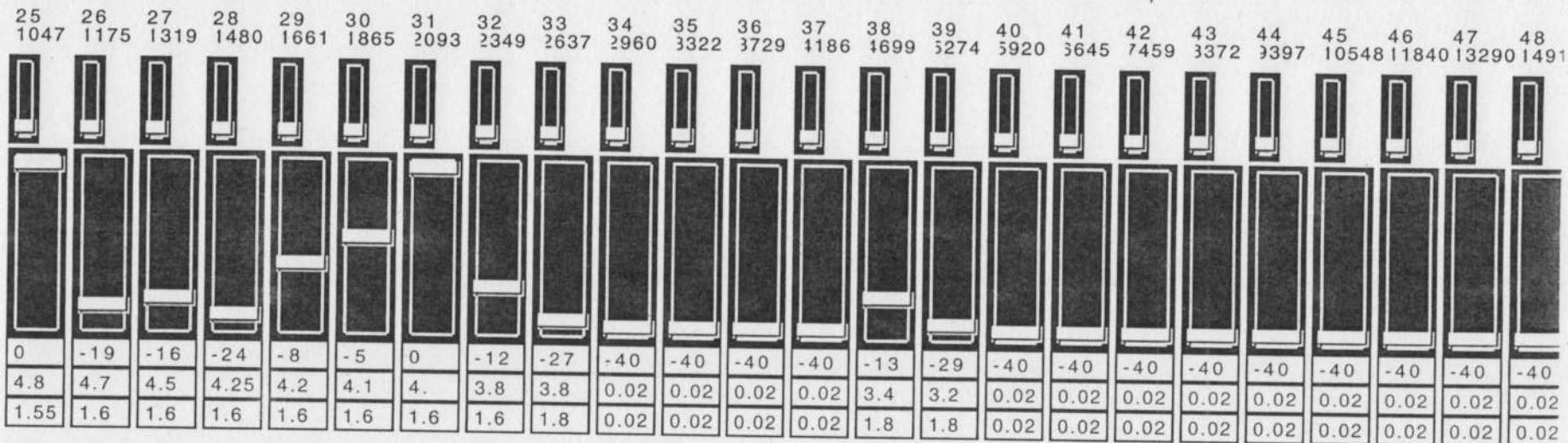
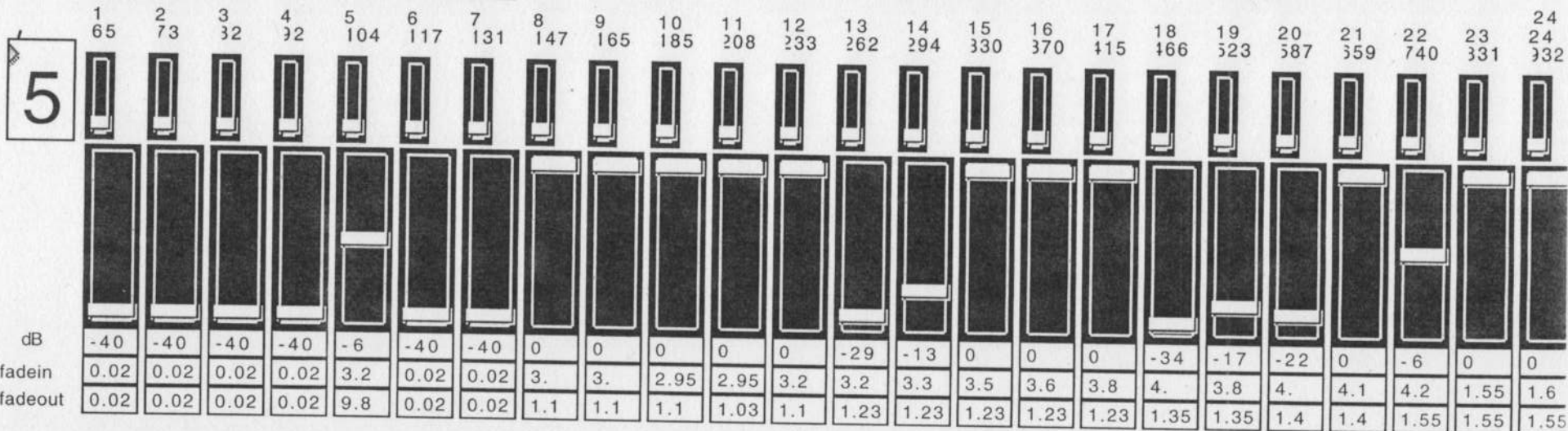
show signal

>0.
 >0.

all same fadein
all same fadeout

show filter A

freeze spectrum



2500ms

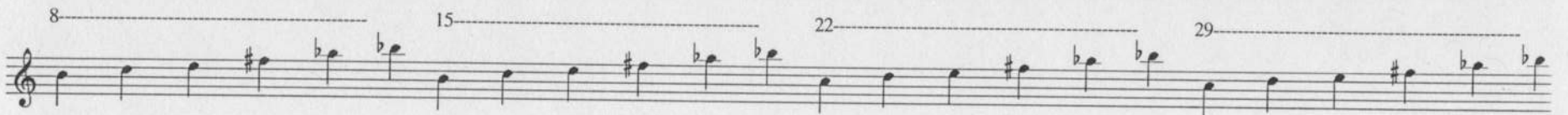
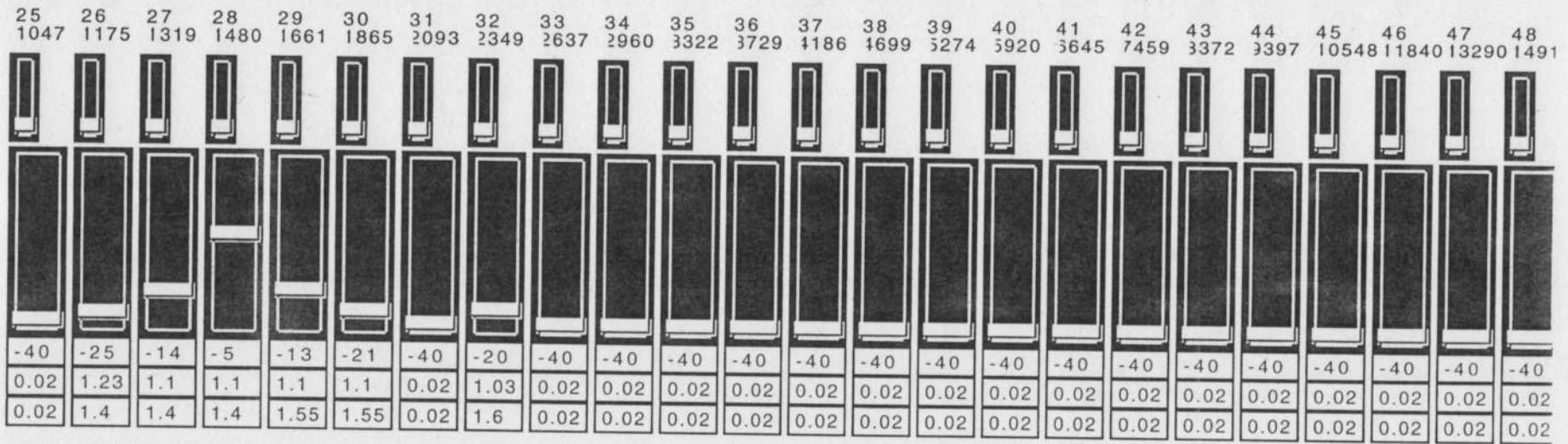
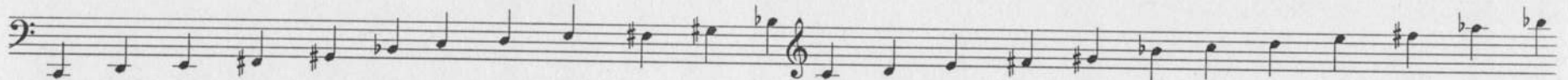
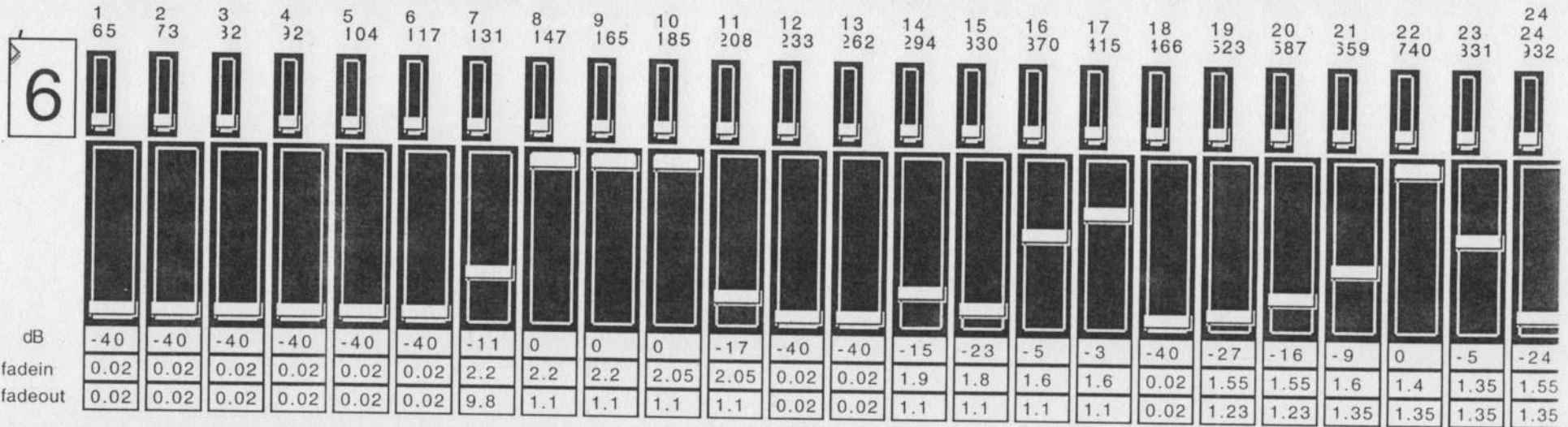
- all on
- all off

show signal

all same fadein
 all same fadeout

show filter A

freeze spectrum



2000ms

all on
 all off

show signal

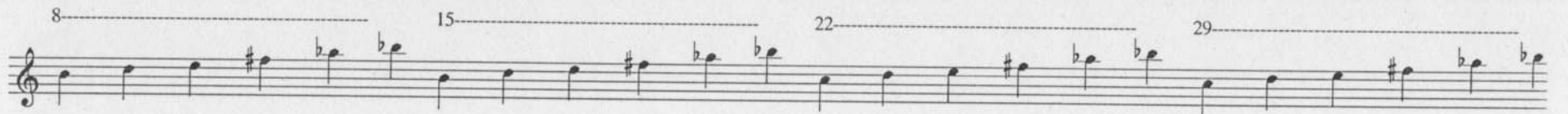
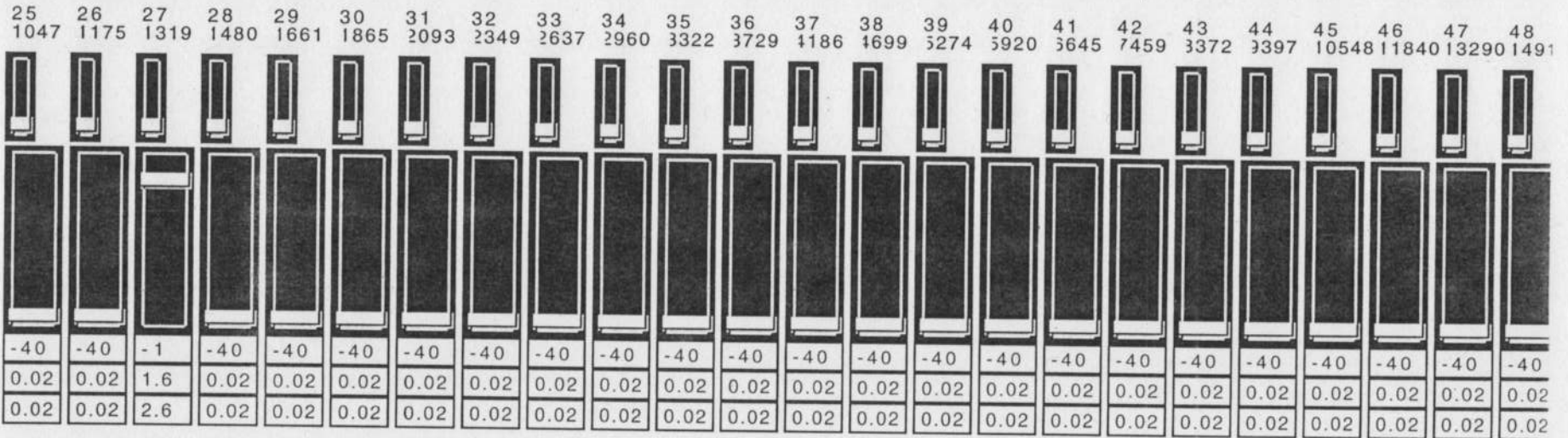
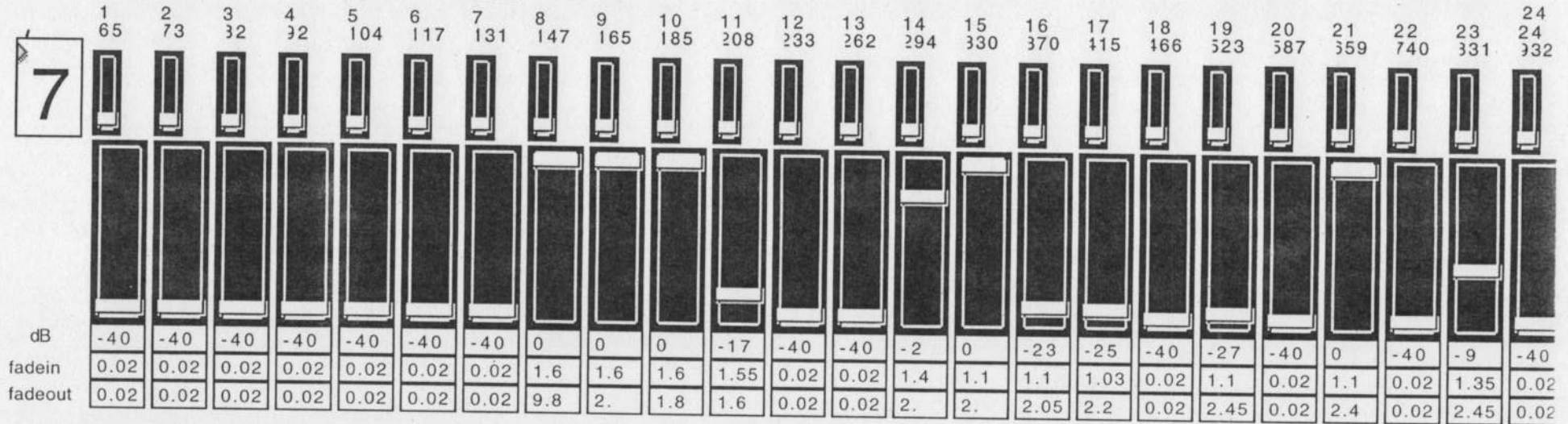
>0.
 >0.

all same fadein
all same fadeout

show filter A

freeze spectrum

7



3000 ms

all on
 all off

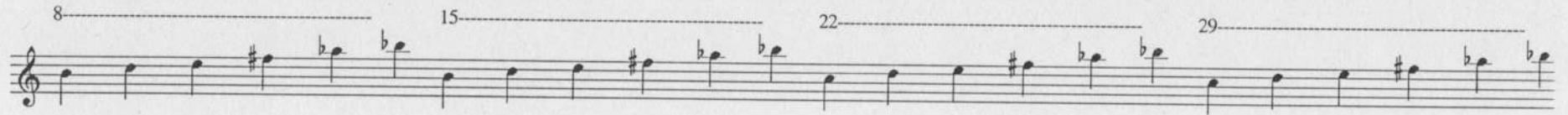
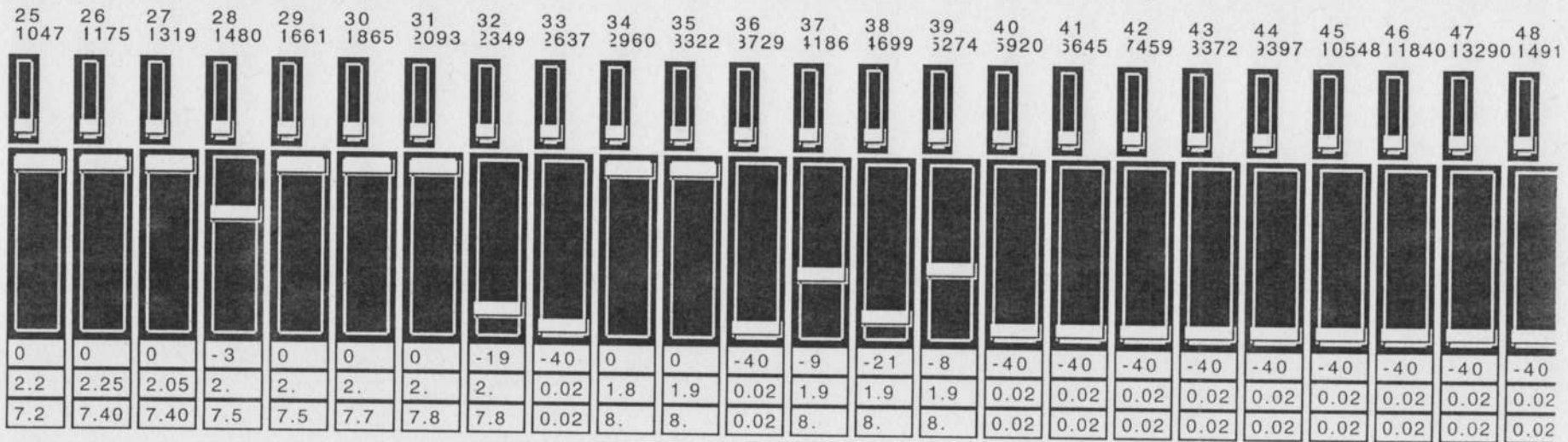
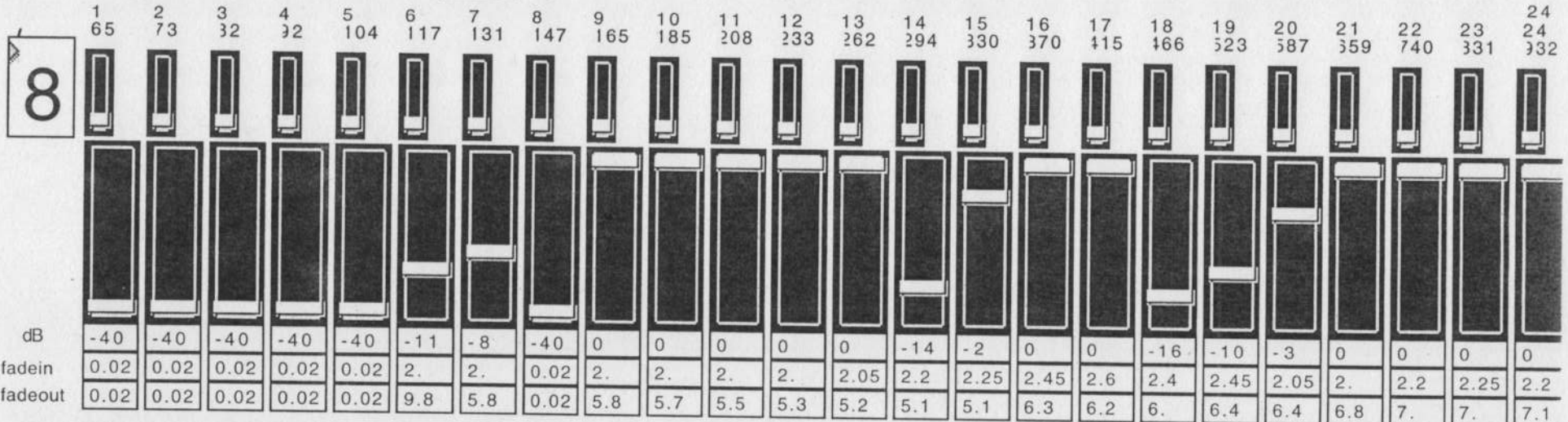
show signal

>0.
 >0.

all same fadein
all same fadeout

show filter A

freeze spectrum



9000ms

all on
 all off

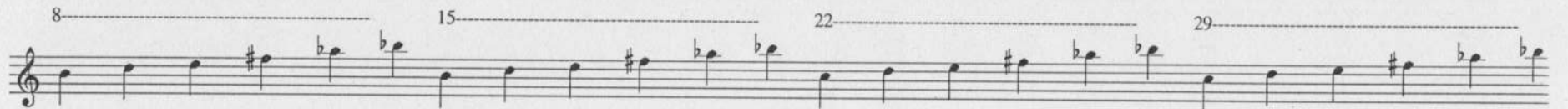
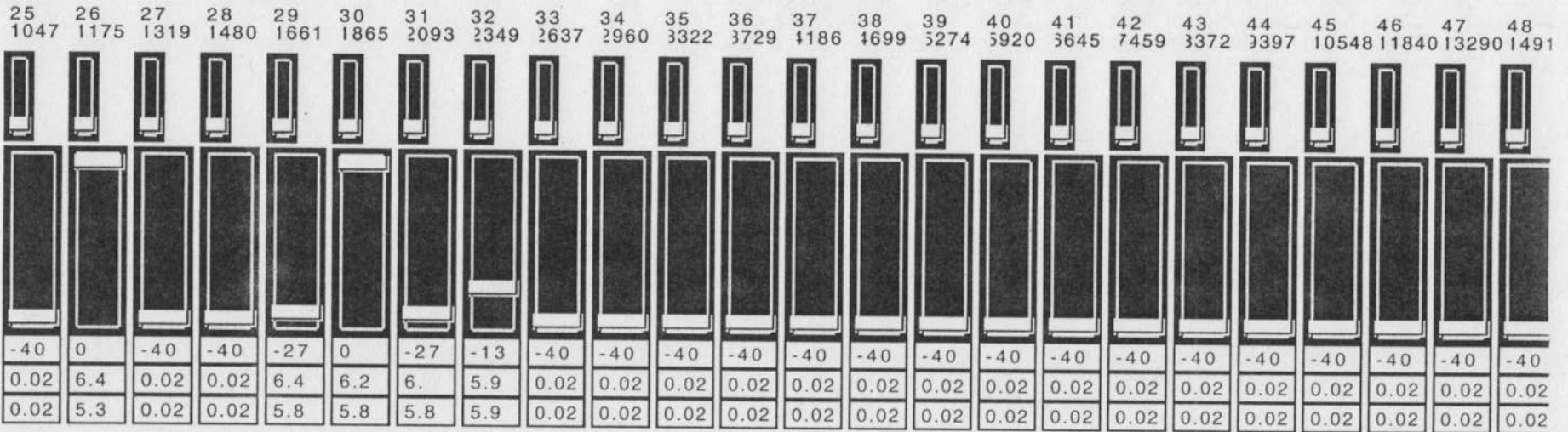
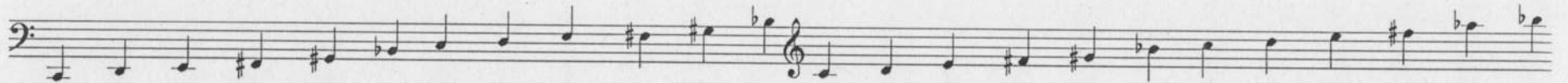
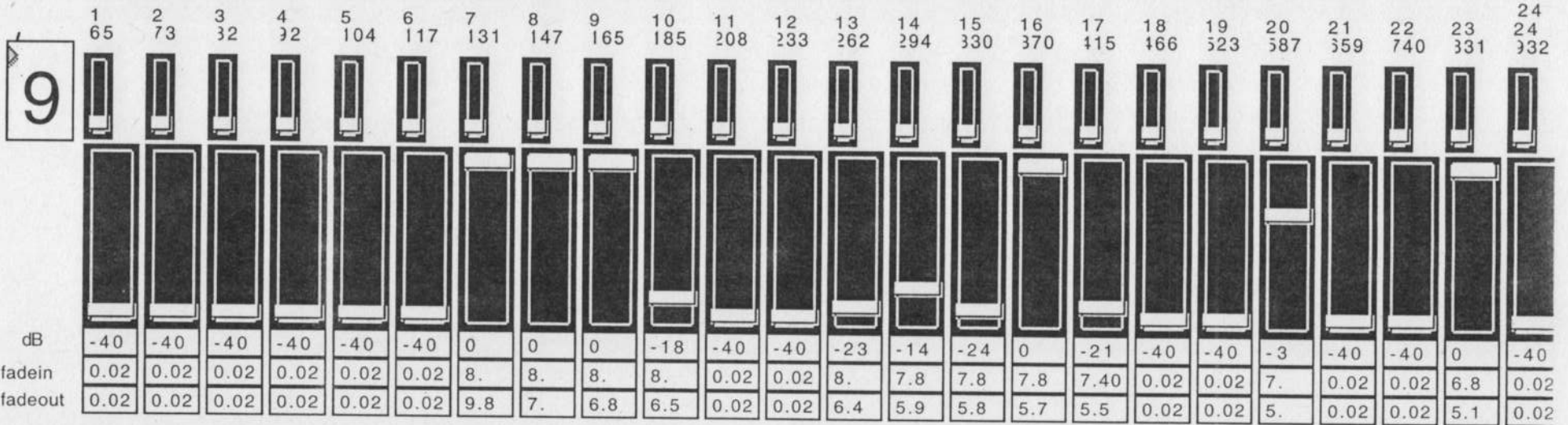
show signal

>0.
 >0.

all same fadein
all same fadeout

show filter A

freeze spectrum



8000ms

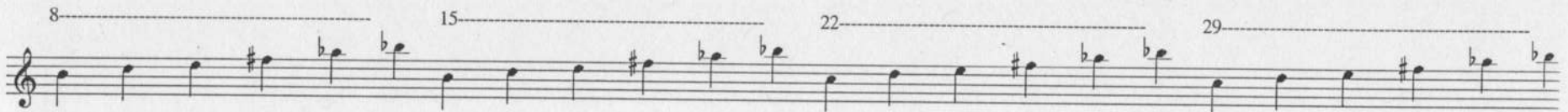
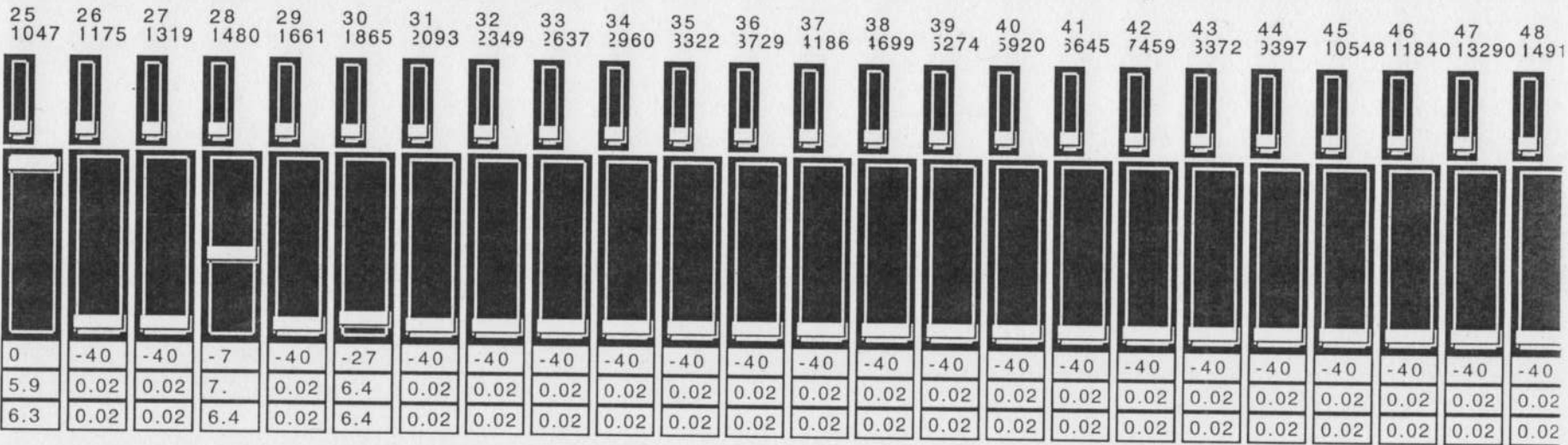
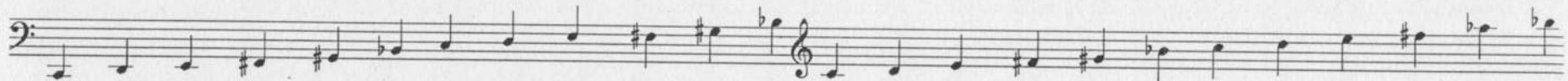
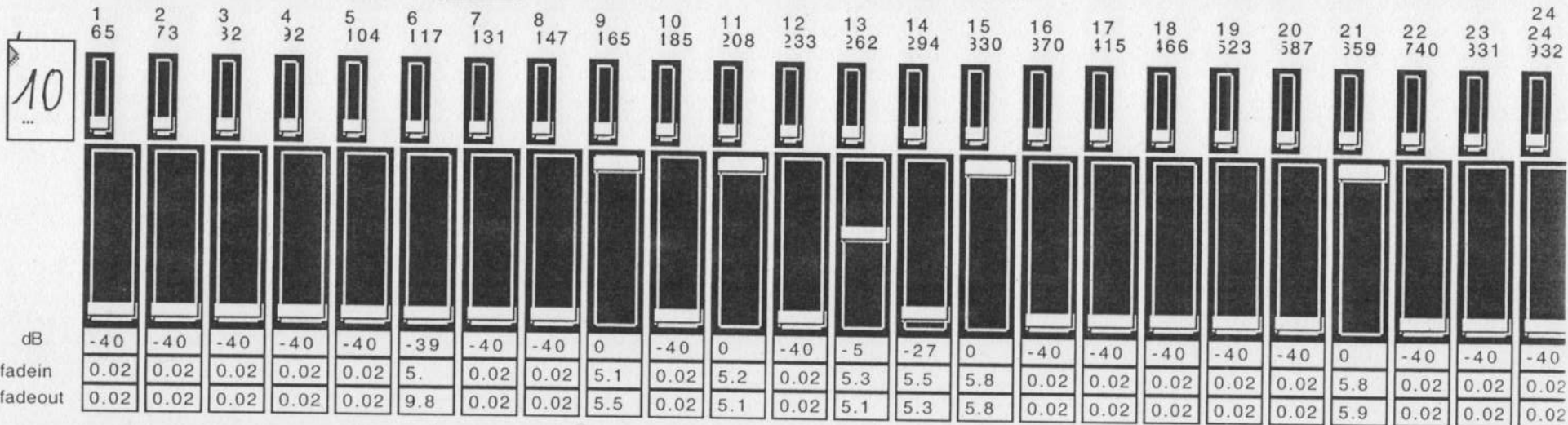
- all on
- all off

show signal

all same fadein
all same fadeout

show filter A

freeze spectrum



9500ms

all on
 all off

show signal

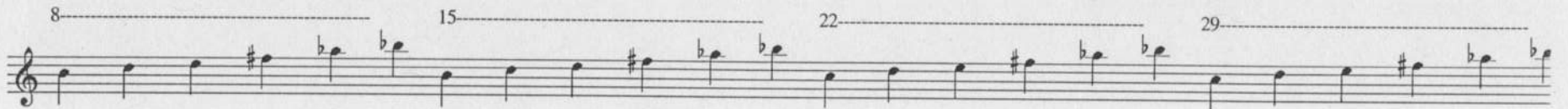
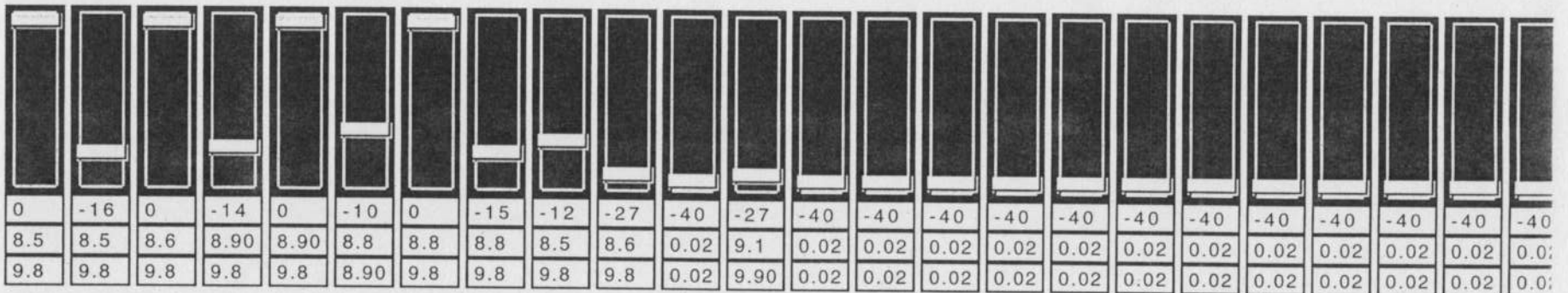
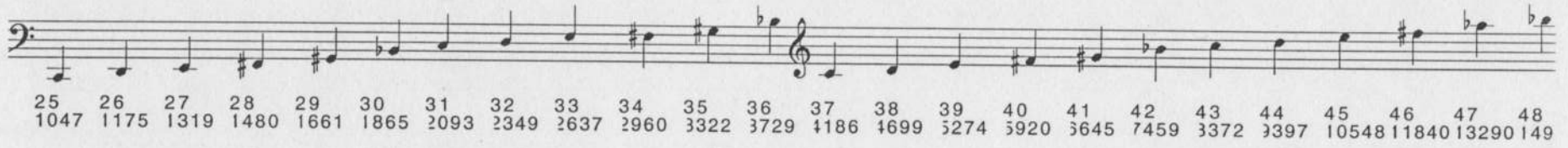
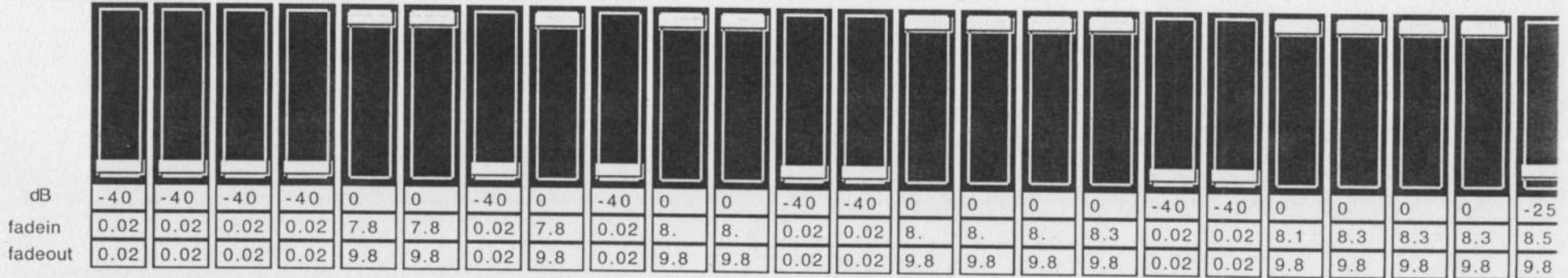
all same fadein
 all same fadeout

show filter A

freeze spectrum

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
65 73 32 32 104 117 131 147 165 185 208 233 262 294 330 370 415 466 523 587 659 740 831 932

13



9900ms End of sequence 1

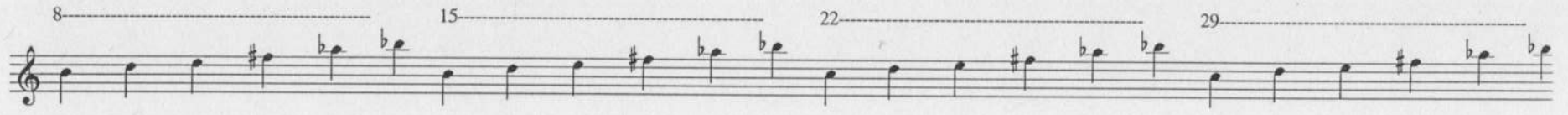
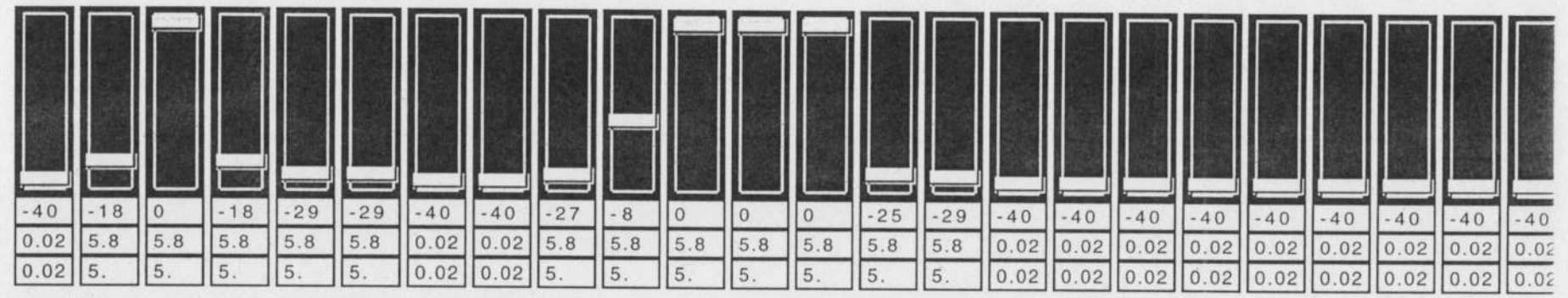
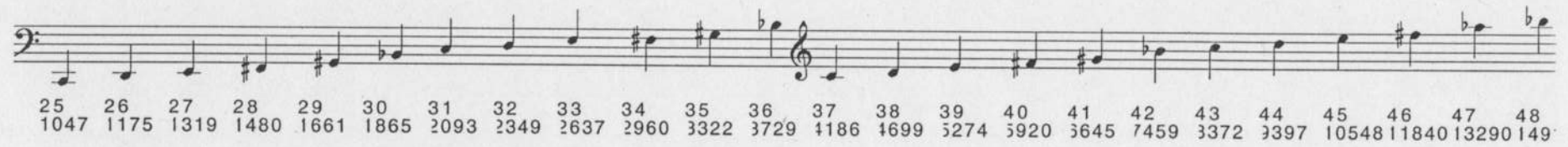
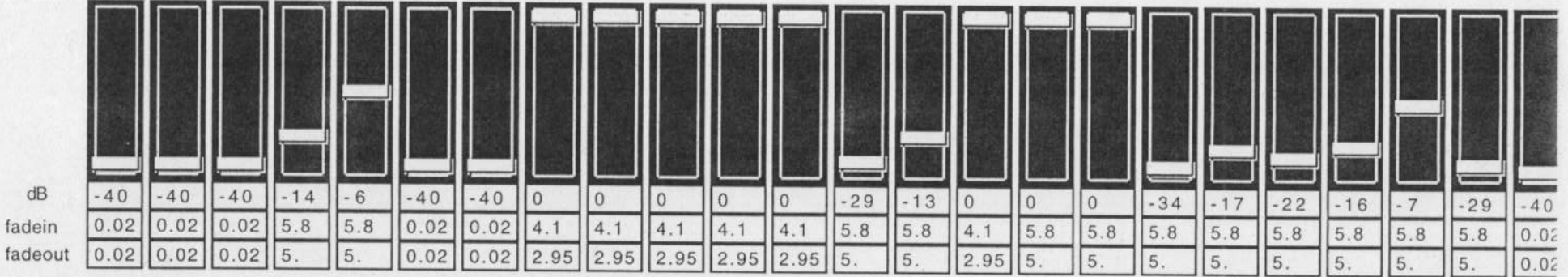
all on show signal all same fadein
 all off all same fadeout

show

freeze spectrum

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
 65 73 32 32 104 117 131 147 165 185 208 233 262 294 330 370 415 466 523 587 659 740 831 932

14



sequence ←

9000 ms

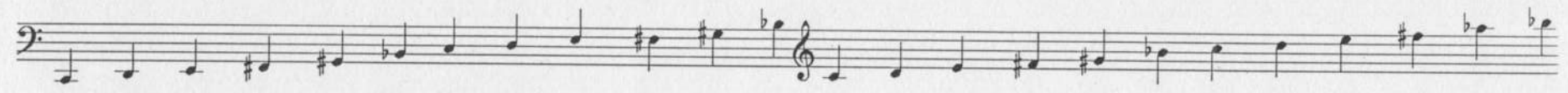
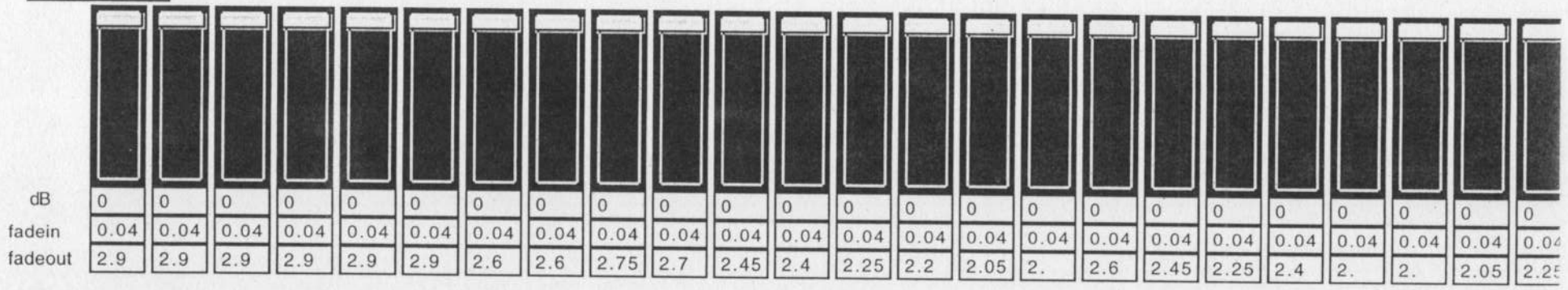
all on show signal all same fadein
 all off signal all same fadeout

show filter A

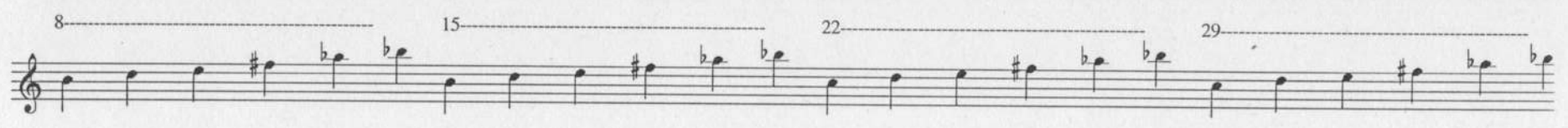
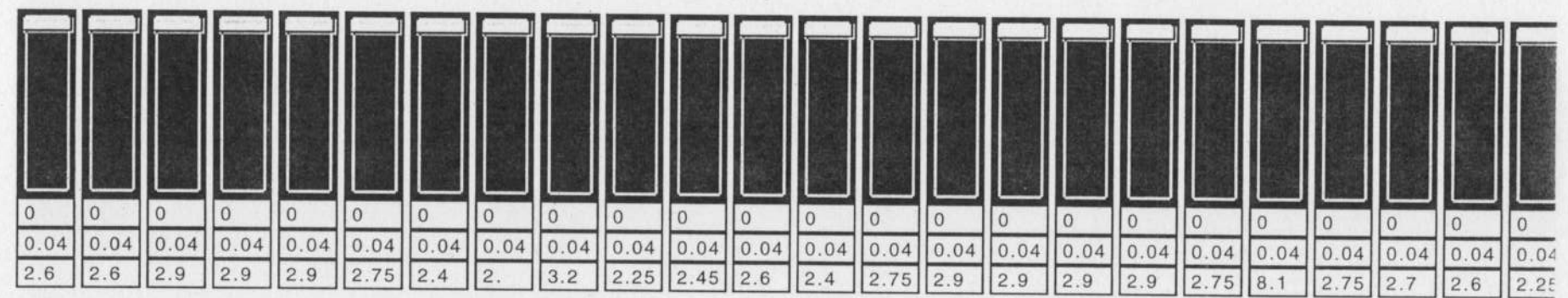
freeze spectrum

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
 65 73 32 32 104 117 131 147 165 185 208 233 262 294 330 370 415 466 523 587 359 740 331 332

15



25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
 1047 1175 1319 1480 1661 1865 2093 2349 2637 2960 3322 3729 4186 4699 5274 5920 3645 7459 3372 3397 10548 11840 13290 149



4000ms

- all on
- all off

show signal

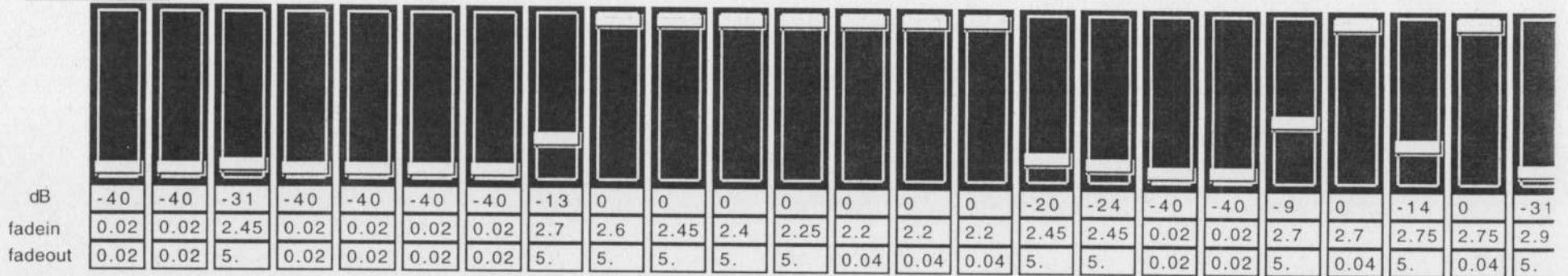
all same fadein
 all same fadeout

show

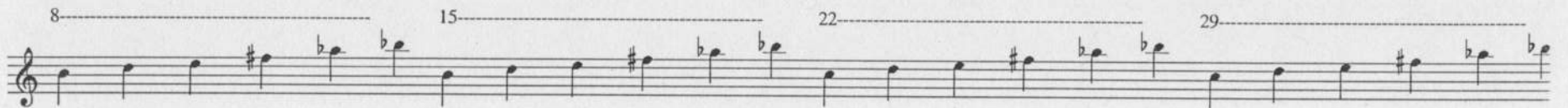
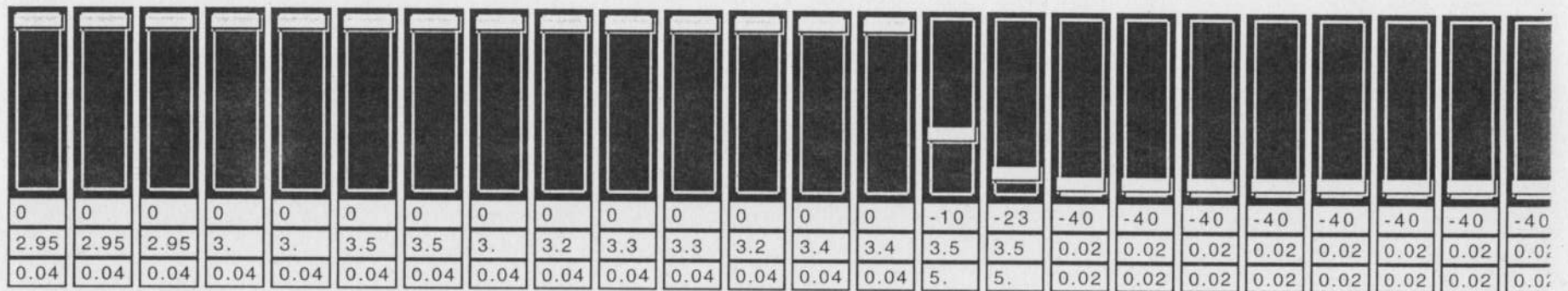
freeze spectrum

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
 65 73 32 32 104 117 131 147 165 185 208 233 262 294 330 370 415 466 523 587 659 740 831 932

16



25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
 1047 1175 1319 1480 1661 1865 2093 2349 2637 2960 3322 3729 4186 4699 5274 5920 6645 7459 8372 9397 10548 11840 13290 149



5500ms

all on
 all off

show signal

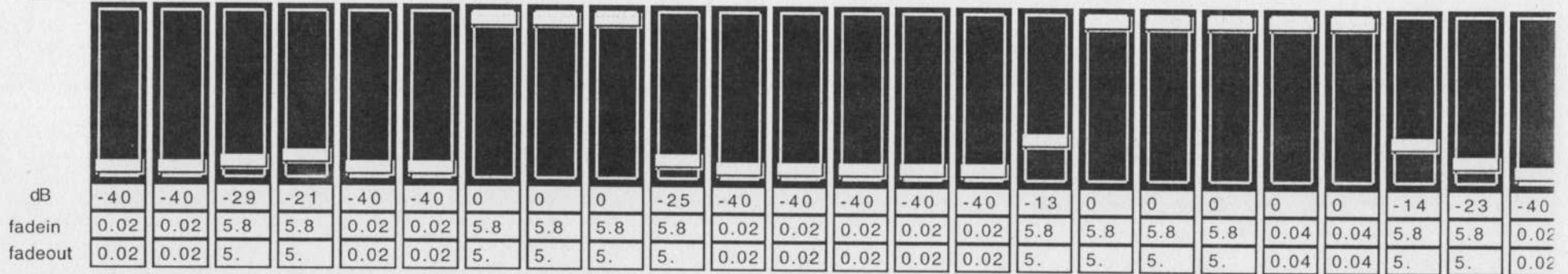
all same fadein
all same fadeout

show

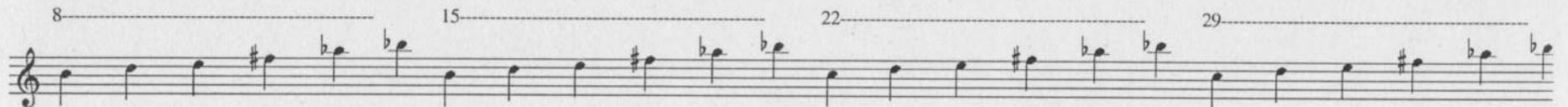
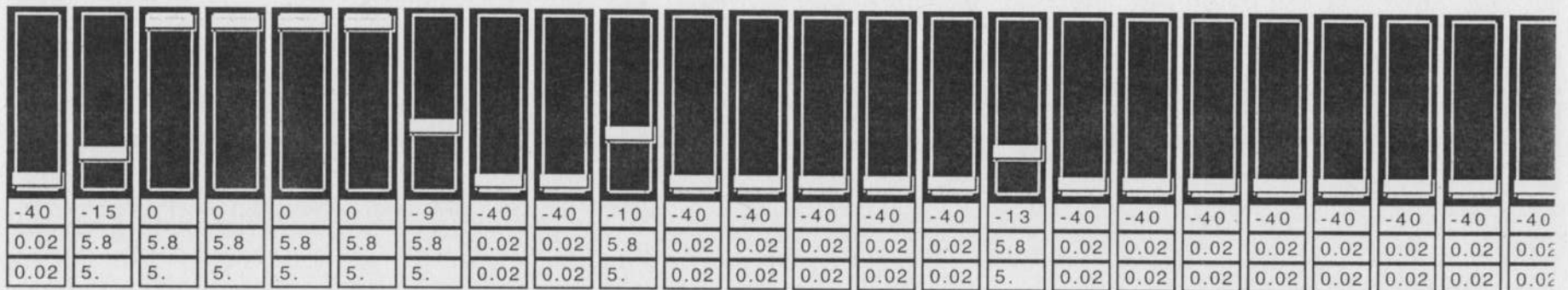
freeze spectrum

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
65	73	32	32	104	117	131	147	165	185	208	233	262	294	330	370	415	466	523	587	659	740	831	932

18



25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
1047	1175	1319	1480	1661	1865	2093	2349	2637	2960	3322	3729	4186	4699	5274	5920	6645	7459	8372	9397	10548	11840	13290	149



4500ms

all on
 all off

show signal

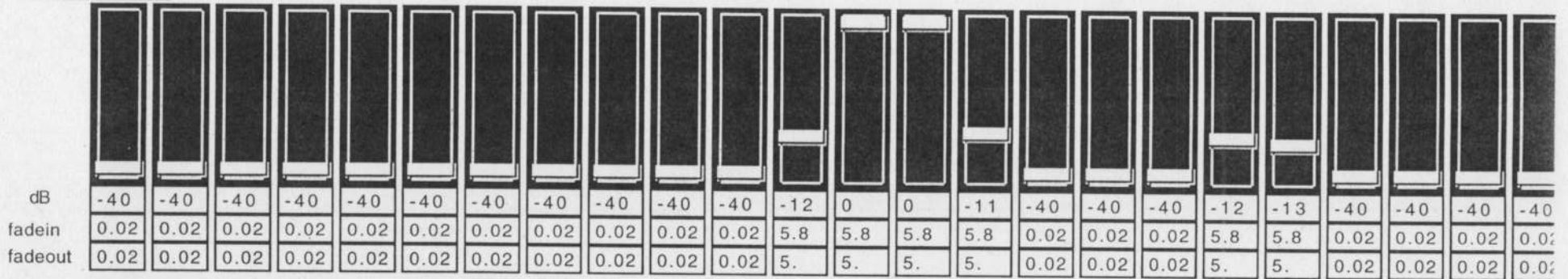
all same fadein
all same fadeout

show

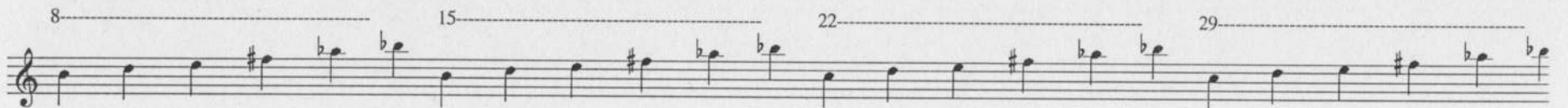
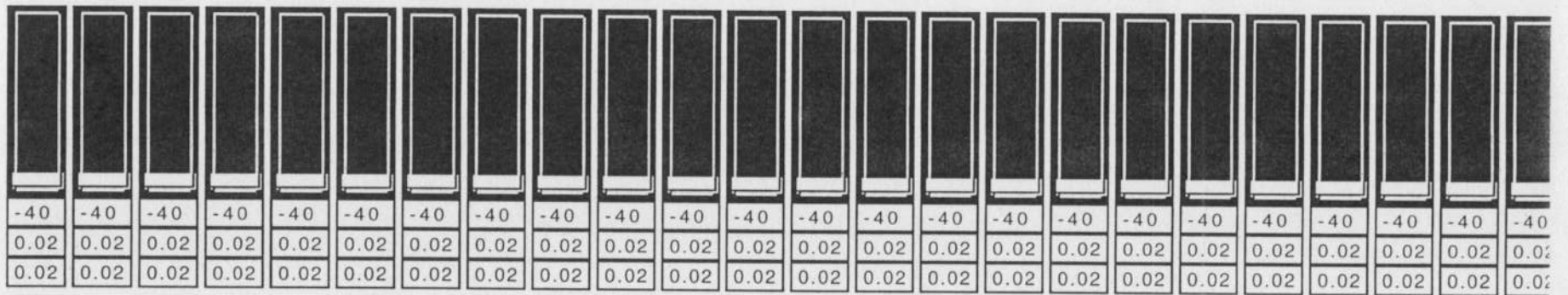
freeze spectrum

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
65	73	32	32	104	117	131	147	165	185	208	233	262	294	330	370	415	466	523	587	659	740	831	932

19



25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
1047	1175	1319	1480	1661	1865	2093	2349	2637	2960	3322	3729	4186	4699	5274	5920	6645	7459	8372	9397	10548	11840	13290	149



6000ms

all on
 all off

show signal

0.
 0.

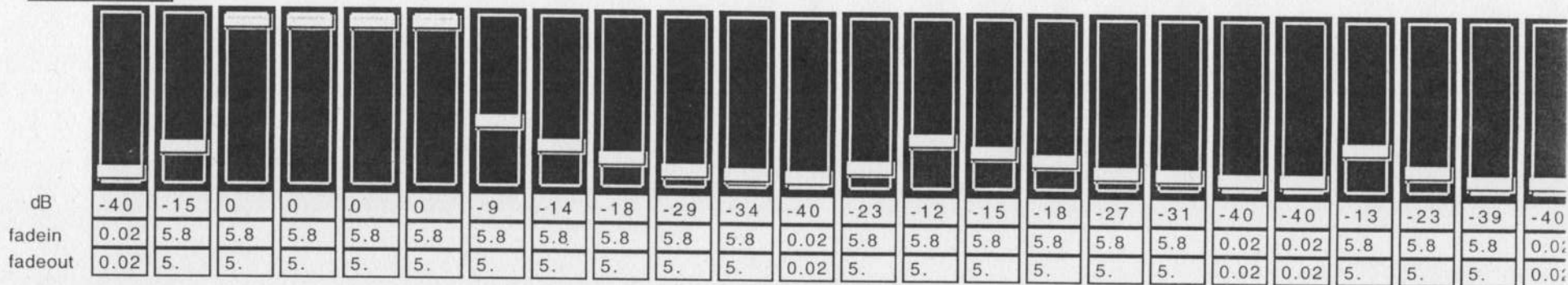
all same fadein
all same fadeout

show filter A

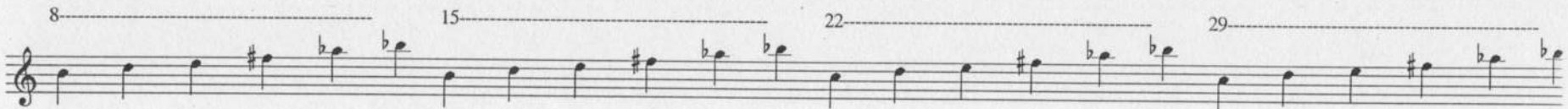
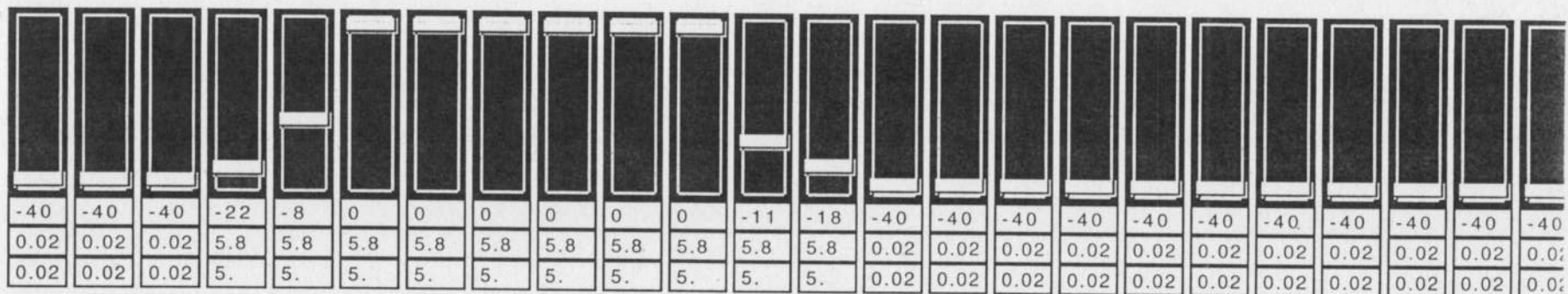
freeze spectrum

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
65	73	32	32	104	117	131	147	165	185	208	233	262	294	330	370	415	466	523	587	659	740	831	924

20



25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
1047	1175	1319	1480	1661	1865	2093	2349	2637	2960	3322	3729	4186	4699	5274	5920	6645	7459	8372	9397	10548	11840	13290	149



8000ms

- all on
- all off

show signal

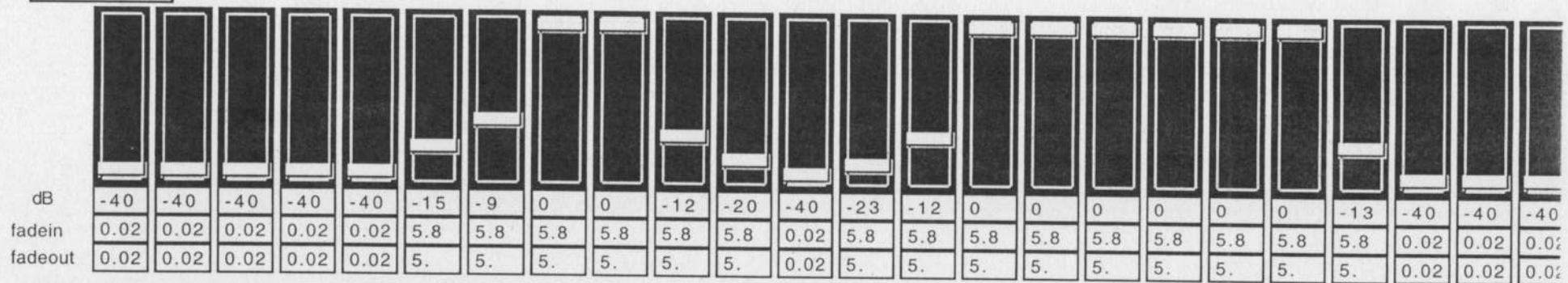
all same fadein
 all same fadeout

show filter A

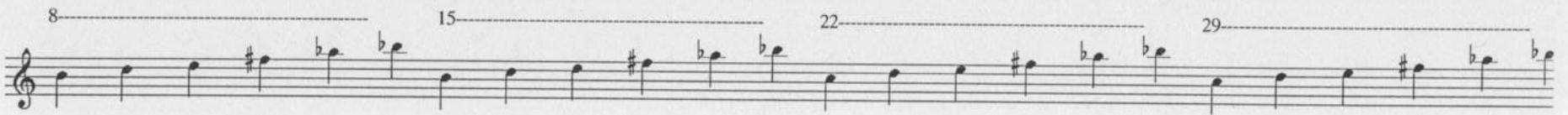
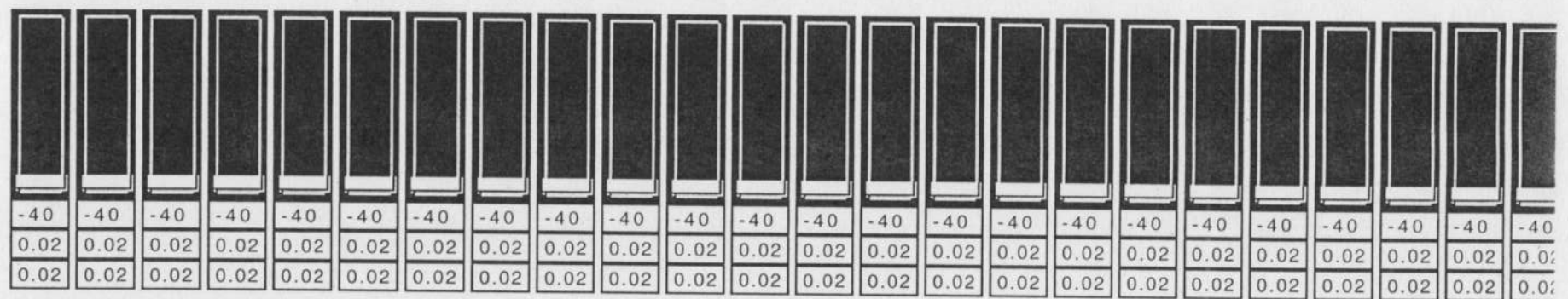
freeze spectrum

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
 65 73 32 32 104 117 131 147 165 185 208 233 262 294 330 370 415 466 523 587 659 740 831 932

21



25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
 1047 1175 1319 1480 1661 1865 2093 2349 2637 2960 3322 3729 4186 4699 5274 5920 6645 7459 8372 9397 10548 11840 13290 149



7000 ms

all on
 all off

show signal

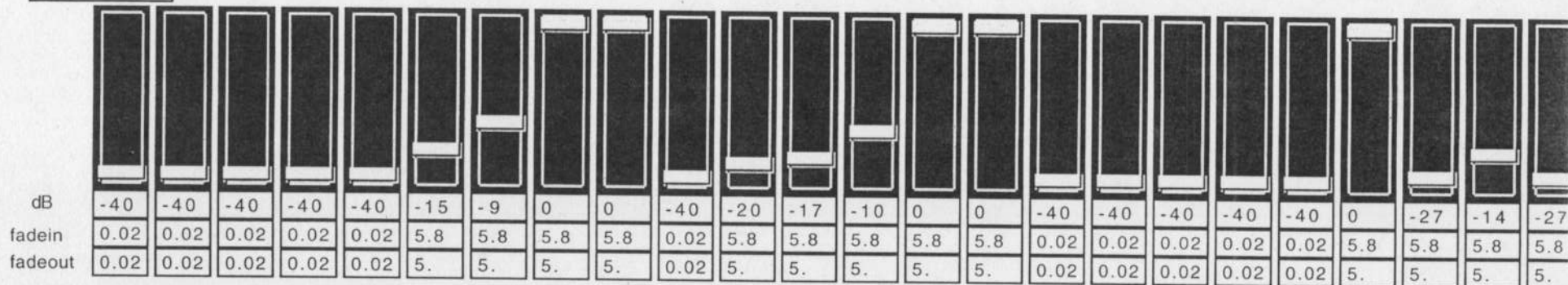
all same fadein
all same fadeout

show

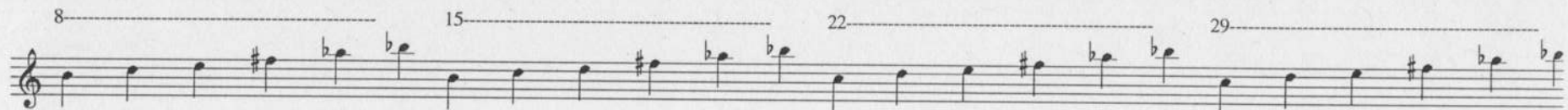
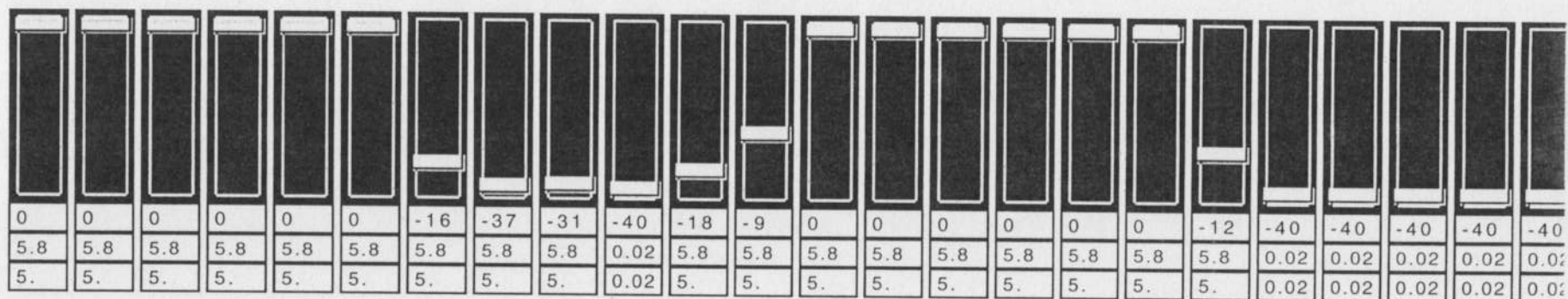
freeze spectrum

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
65	73	32	32	104	117	131	147	165	185	208	233	262	294	330	370	415	466	523	587	659	740	831	934

22



25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
1047	1175	1319	1480	1661	1865	2093	2349	2637	2960	3322	3729	4186	4699	5274	5920	6645	7459	8372	9397	10548	11840	13290	149



7000ms

- all on
- all off

show signal

all same fadein
all same fadeout

show

freeze spectrum

23

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
65	73	32	32	104	117	131	147	165	185	208	233	262	294	330	370	415	466	523	587	659	740	831	932

dB	-40	-40	0	0	-40	-40	-40	0	0	-40	-40	-27	-23	-18	-8	-3	0	0	0	0	-10	-34	-17	0
fadein	0.02	0.02	5.8	5.8	0.02	0.02	0.02	5.8	5.8	0.02	0.02	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
fadeout	0.02	0.02	5.	5.	0.02	0.02	0.02	5.	5.	0.02	0.02	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.

25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
1047	1175	1319	1480	1661	1865	2093	2349	2637	2960	3322	3729	4186	4699	5274	5920	6645	7459	8372	9397	10548	11840	13290	149

0	0	-7	-27	-17	0	0	-2	0	0	0	-9	-10	-15	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

8-----15-----22-----29-----

6000ms

- all on
- all off

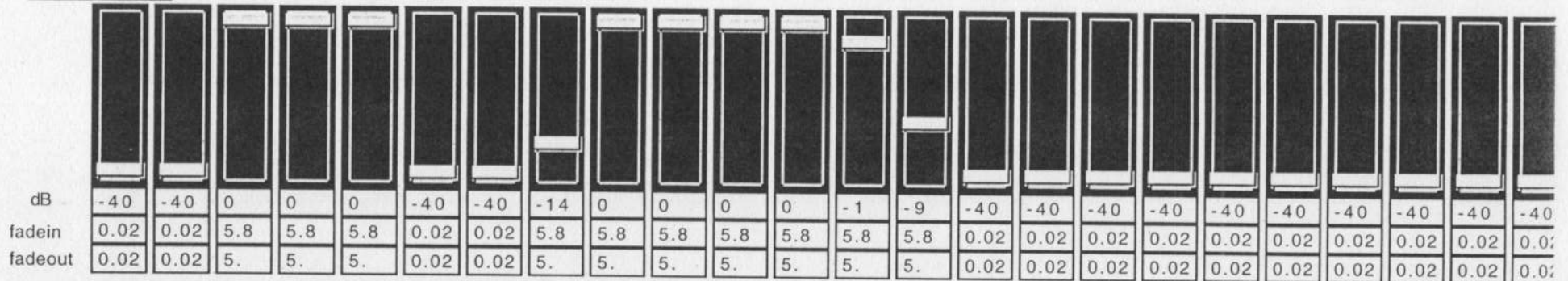
show signal

- all same fadein
- all same fadeout

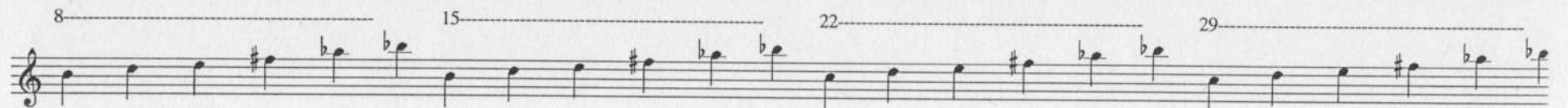
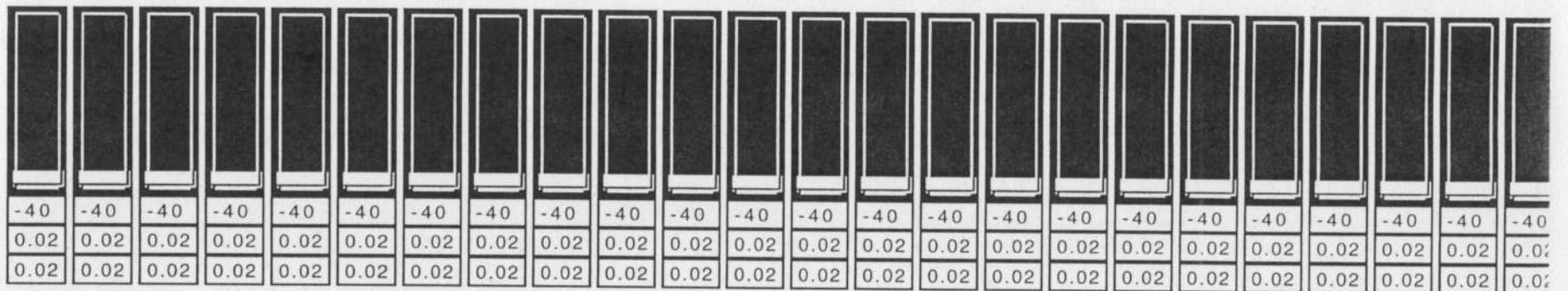
show

freeze spectrum

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	65	73	32	32	104	117	131	147	165	185	208	233	262	294	330	370	415	466	523	587	359	740	331	332
25																								



	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
	1047	1175	1319	1480	1661	1865	2093	2349	2637	2960	3322	3729	4186	4699	5274	5920	6645	7459	8372	9397	10548	11840	13290	149



7000ms

- all on
- all off

show signal

all same fadein
 all same fadeout

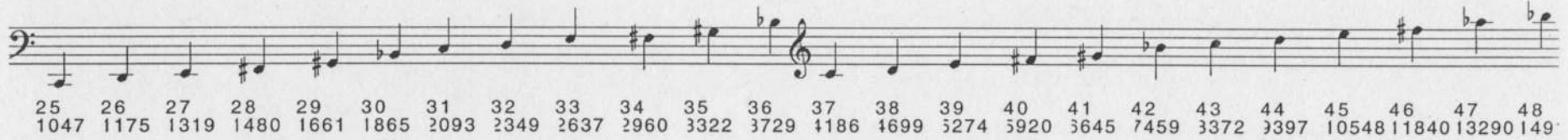
show

freeze spectrum

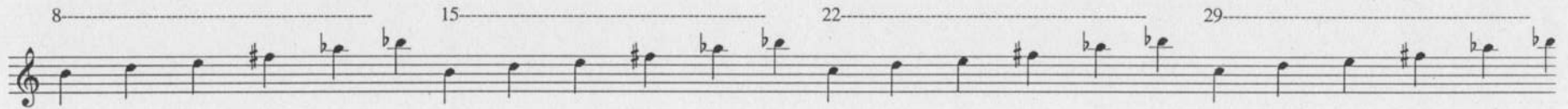
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
65	73	32	32	104	117	131	147	165	185	208	233	262	294	330	370	415	466	523	587	659	740	831	932

26

dB	-40	-40	0	0	-40	-40	-40	-14	0	-40	-40	-2	-1	-25	-40	-40	-40	-40	-40	-40	-40	-40	-40	0
fadein	0.02	0.02	5.8	5.8	0.02	0.02	0.02	5.8	5.8	0.02	0.02	5.8	5.8	5.8	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	5.8
fadeout	0.02	0.02	5.	5.	0.02	0.02	0.02	5.	5.	0.02	0.02	5.	5.	5.	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	5.



dB	-40	0	0	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
fadein	0.02	5.8	5.8	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
fadeout	0.02	5.	5.	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02



2000ms

- all on
- all off

show signal

all same fadein
all same fadeout

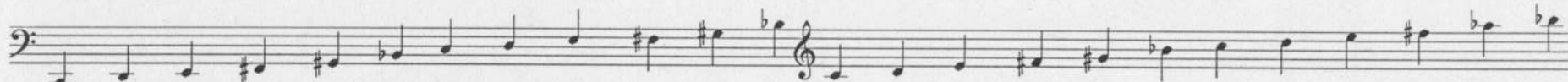
show filter A

freeze spectrum

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
65	73	32	32	104	117	131	147	165	185	208	233	262	294	330	370	415	466	523	587	659	740	831	924

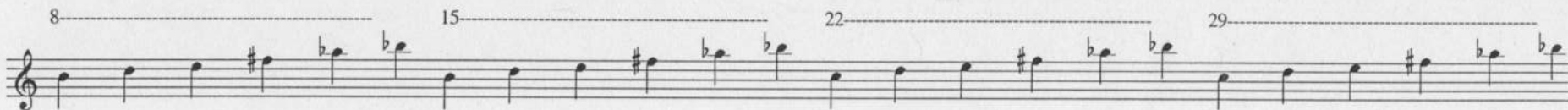
27

dB	-40	-40	-20	-40	-39	-40	-13	-40	0	-9	-40	-40	-6	-25	-40	-34	-12	-40	0	0	-9	-40	-40	-29
fadein	0.02	0.02	5.8	0.02	5.8	0.02	5.8	0.02	5.8	5.8	0.02	0.02	5.8	5.8	0.02	5.8	5.8	0.02	5.8	5.8	5.8	0.02	0.02	5.8
fadeout	0.02	0.02	5.	0.02	5.	0.02	5.	0.02	5.	5.	0.02	0.02	5.	5.	0.02	5.	5.	0.02	5.	5.	5.	0.02	0.02	5.



25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
1047	1175	1319	1480	1661	1865	2093	2349	2637	2960	3322	3729	4186	4699	5274	5920	6645	7459	8372	9397	10548	11840	13290	1491

dB	-40	-40	0	-27	-40	-40	-34	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
fadein	0.02	0.02	5.8	5.8	0.02	0.02	5.8	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
fadeout	0.02	0.02	5.	5.	0.02	0.02	5.	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02



5000ms

- all on
- all off

show signal

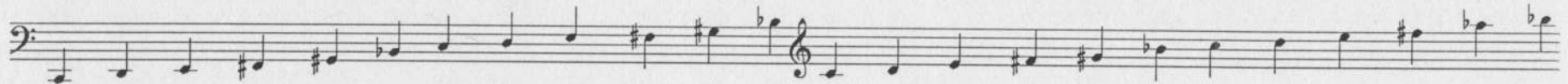
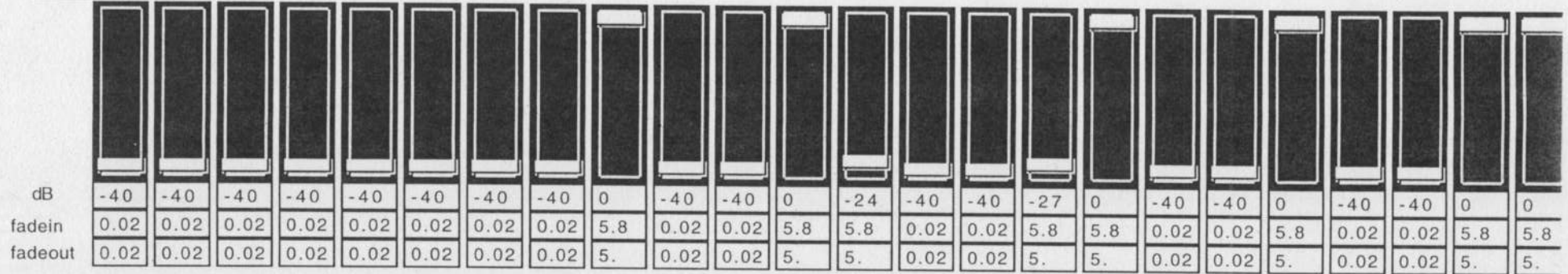
all same fadein
all same fadeout

show filter A

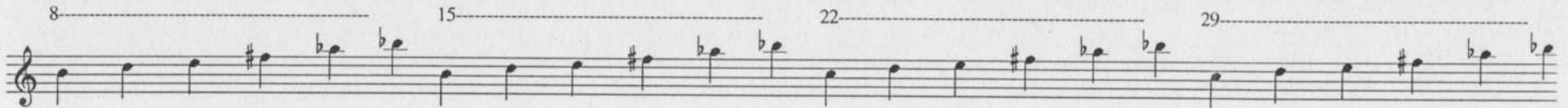
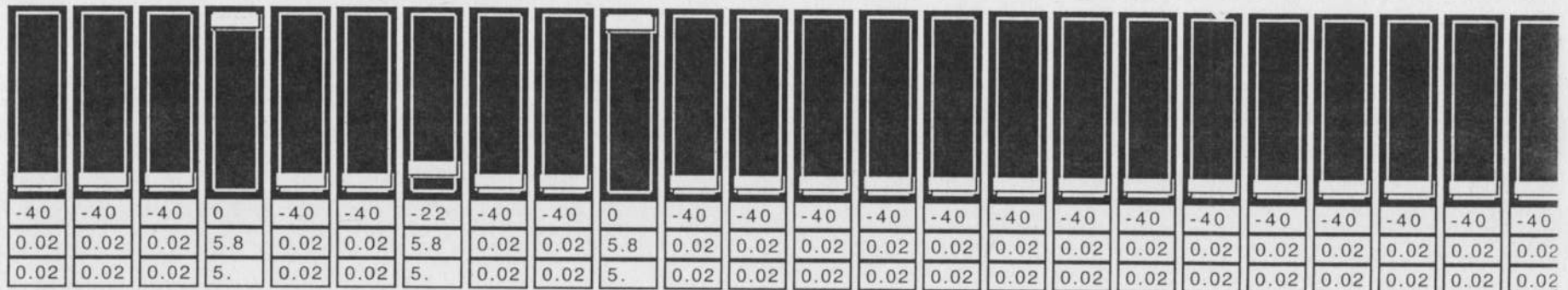
freeze spectrum

28

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
65 73 32 32 104 117 131 147 165 185 208 233 262 294 330 370 415 466 523 587 359 740 331 332



25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
1047 1175 1319 1480 1661 1865 2093 2349 2637 2960 3322 3729 4186 4699 5274 5920 3645 7459 3372 3397 10548 11840 13290 149



7000ms

- all on
- all off

show signal

- all same fadein
- all same fadeout

show

freeze spectrum

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
65	73	32	32	104	117	131	147	165	185	208	233	262	294	330	370	415	466	523	587	359	740	331	332

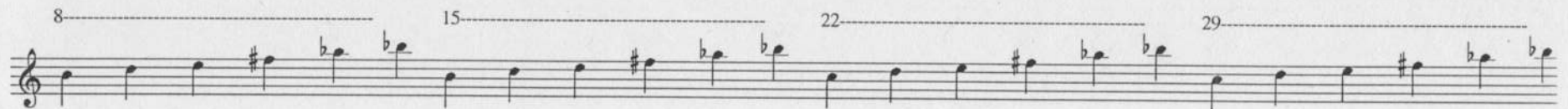
29

dB	-40	-40	-40	-40	-40	-40	-40	-40	-40	0	-40	-40	0	-40	-40	0	-40	-40	-40	0	-40	-29	-10	-40
fadein	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	5.8	0.02	0.02	5.8	0.02	0.02	5.8	0.02	0.02	0.02	5.8	0.02	5.8	5.8	0.02
fadeout	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	5.	0.02	0.02	5.	0.02	0.02	5.	0.02	0.02	0.02	5.	0.02	5.	5.	0.02



25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
1047	1175	1319	1480	1661	1865	2093	2349	2637	2960	3322	3729	4186	4699	5274	5920	3645	7459	3372	3397	10548	11840	13290	1491

dB	-40	-40	-40	0	-40	-40	-22	-40	-40	0	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
fadein	0.02	0.02	0.02	5.8	0.02	0.02	5.8	0.02	0.02	5.8	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
fadeout	0.02	0.02	0.02	5.	0.02	0.02	5.	0.02	0.02	5.	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02



6000ms

all on
 all off

show signal

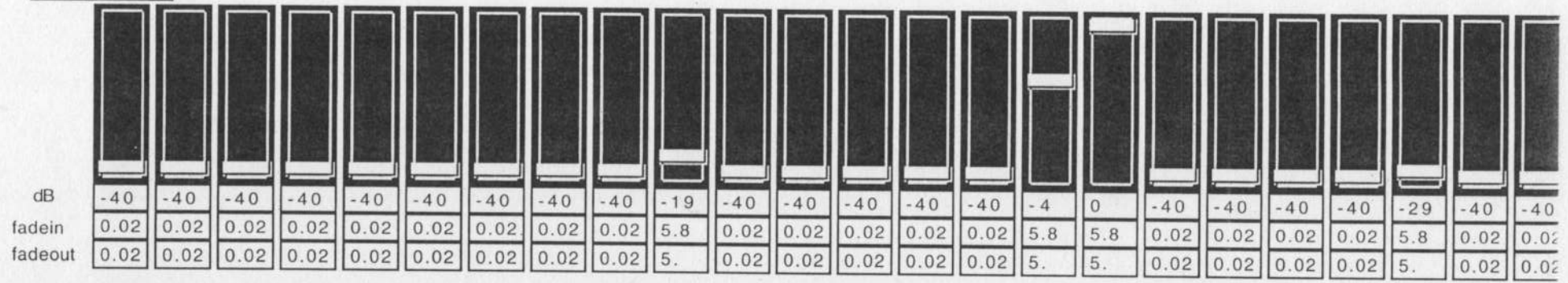
all same fadein
 all same fadeout

show

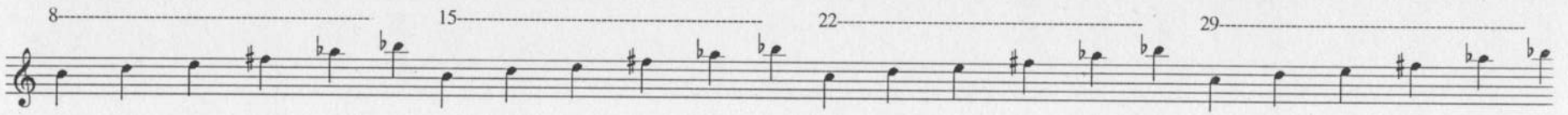
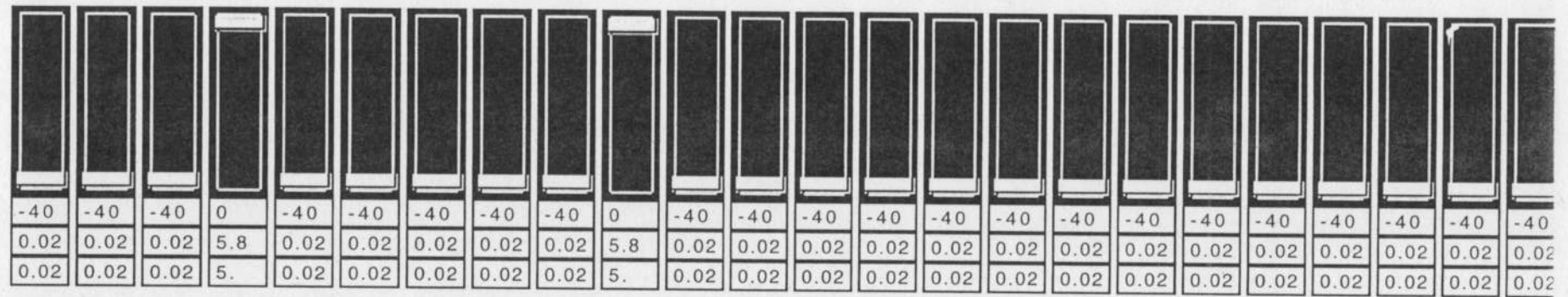
freeze spectrum

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
65	73	32	32	104	117	131	147	165	185	208	233	262	294	330	370	415	466	523	587	359	740	331	332

30



25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
1047	1175	1319	1480	1661	1865	2093	2349	2637	2960	3322	3729	4186	4699	5274	5920	3645	7459	3372	3397	10548	11840	13290	149



3000ms

- all on
- all off

show signal

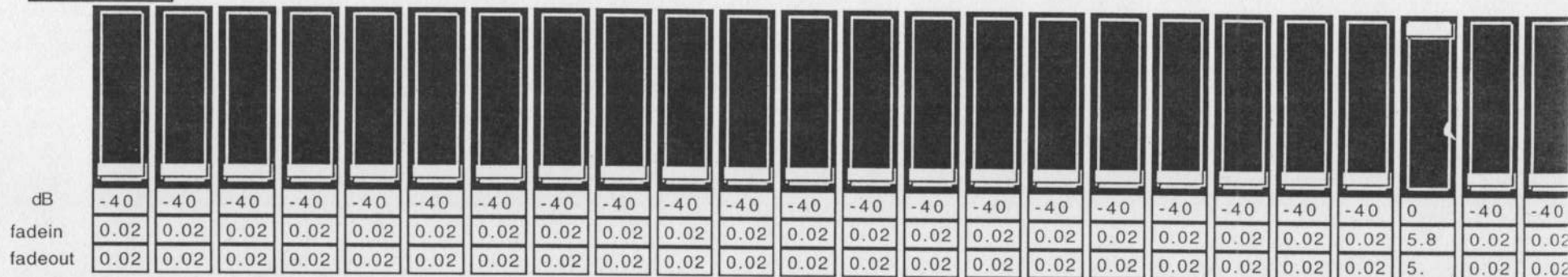
all same fadein
 all same fadeout

show

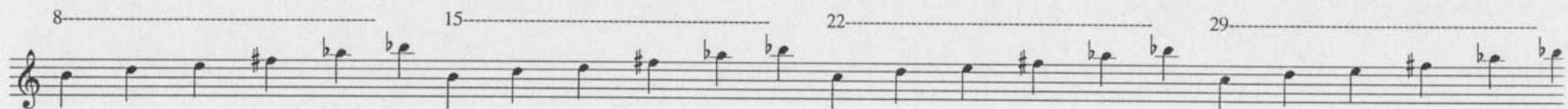
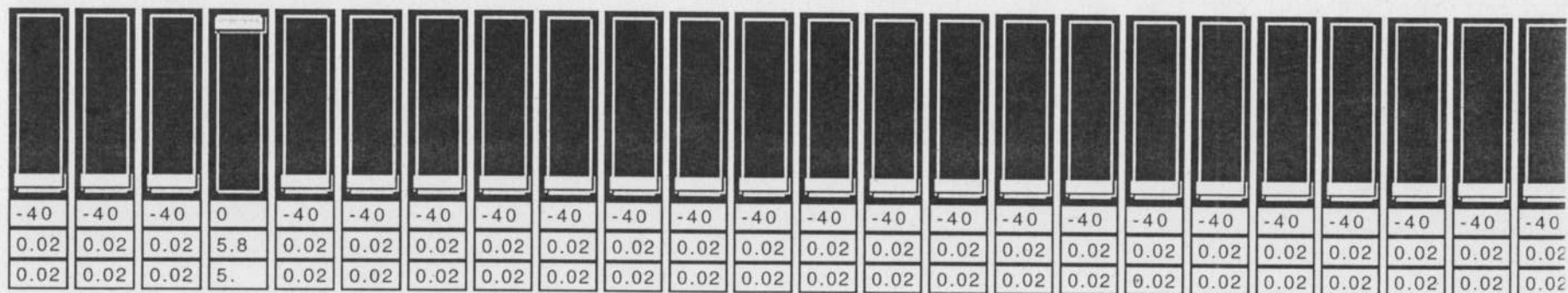
freeze spectrum

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
 65 73 32 32 104 117 131 147 165 185 208 233 262 294 330 370 415 466 523 587 359 740 331 332

31



25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
 1047 1175 1319 1480 1661 1865 2093 2349 2637 2960 3322 3729 4186 4699 5274 5920 3645 7459 3372 3397 10548 11840 13290 149



8000 ms

- all on
- all off

show signal

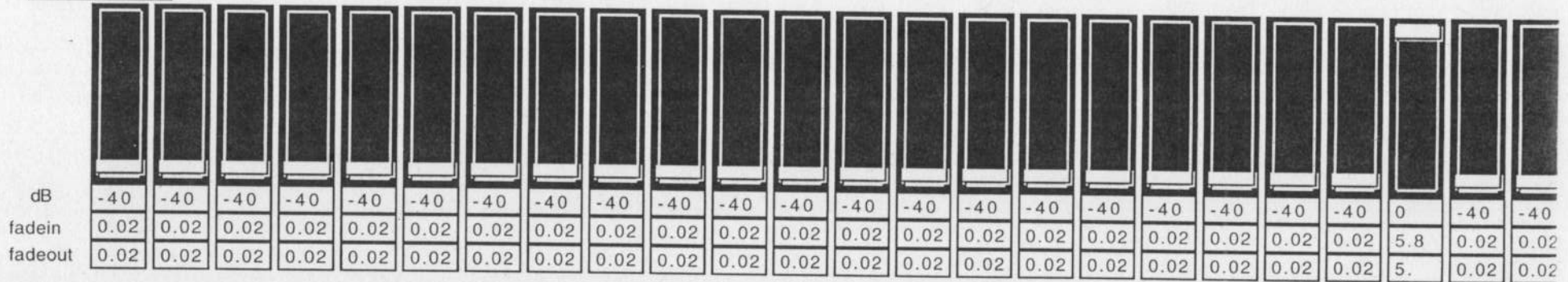
all same fadein
all same fadeout

show

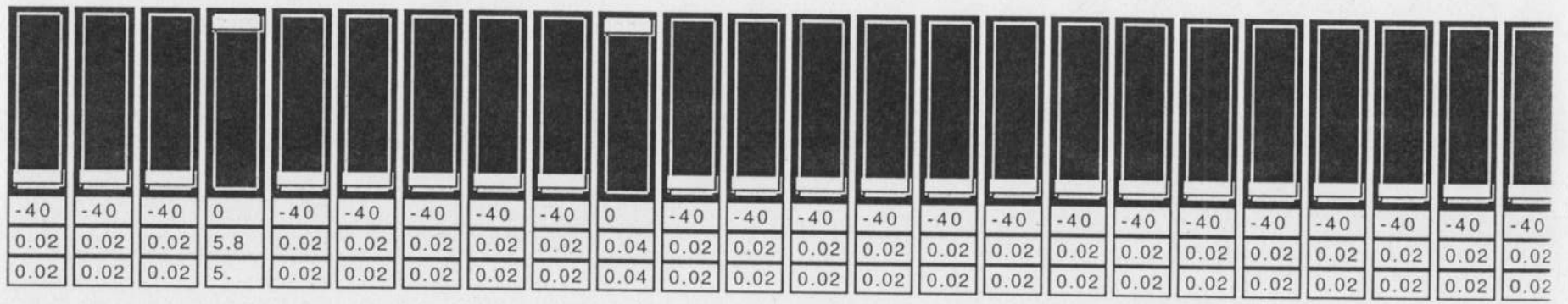
freeze spectrum

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
65 73 32 32 104 117 131 147 165 185 208 233 262 294 330 370 415 466 523 587 659 740 831 932

32



25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
1047 1175 1319 1480 1661 1865 2093 2349 2637 2960 3322 3729 4186 4699 5274 5920 6645 7459 8372 9397 10548 11840 13290 1491



8000ms

- all on
- all off

show signal

- all same fadein
- all same fadeout

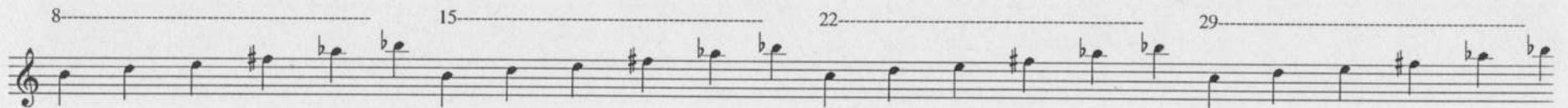
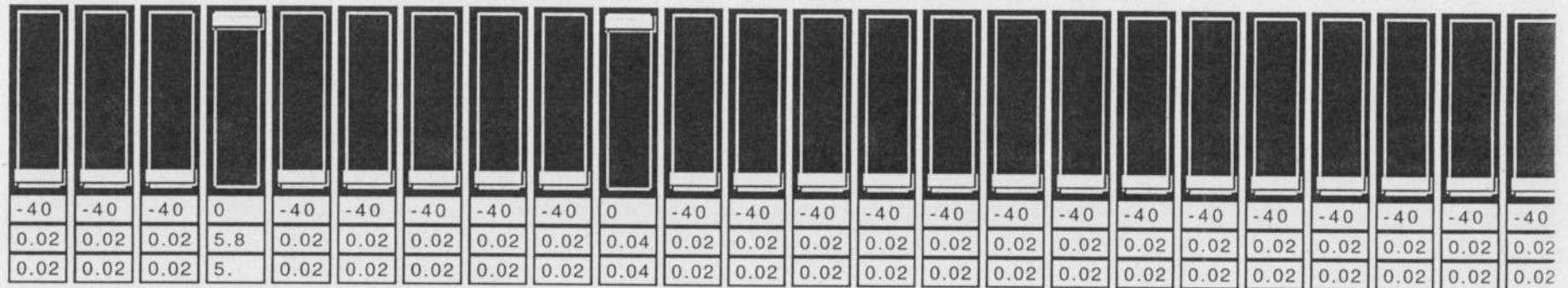
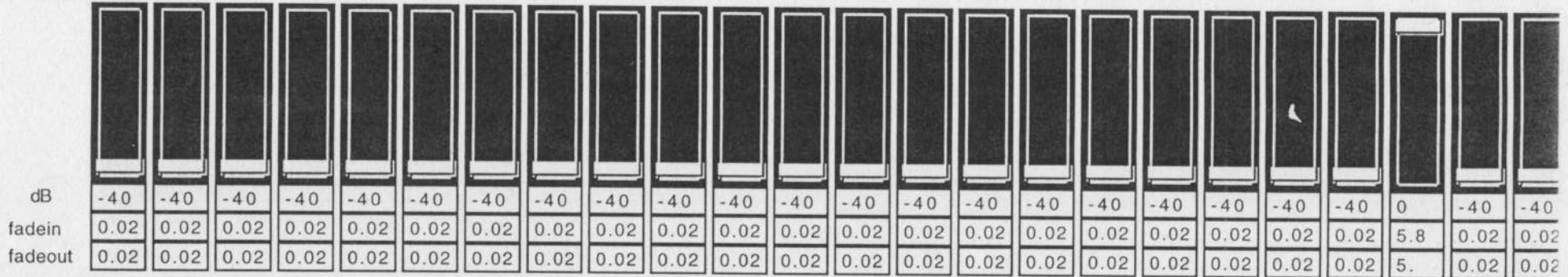
show

freeze spectrum

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
 65 73 32 32 104 117 131 147 165 185 208 233 262 294 330 370 415 466 523 587 659 740 831 932

33

wie Nr. 32 (Sicherheitsprogramm)



End of segment -

all on
 all off

show signal

all same fadein
 all same fadeout

show

freeze spectrum

34

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
65	73	32	32	104	117	131	147	165	185	208	233	262	294	330	370	415	466	523	587	659	740	831	932

