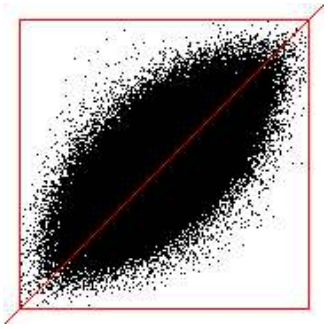
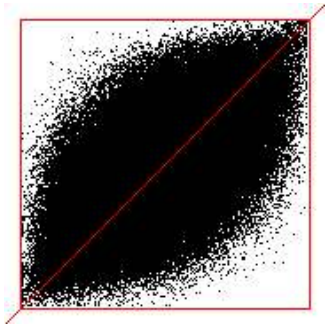
## Fattore di Cresta del segnale musicale
## Eric Levi : "Era"

Eric Levi "Era" (Philps, Mercury 1996) - Questo CD è registrato con un livello qualitativo migliore rispetto alla media della musica pop. La traccia 9 è addirittura decente anche se il CF è pur sempre basso. Tutte le tracce sono limitate ed il fattore di cresta va da 4.13 a 5.77. La distribuzione dell'ampiezza è tipica della musica compressa

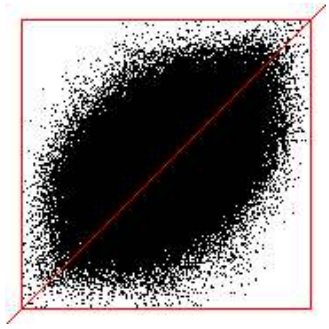
| Traccia | Picco | FCresta | S/R | S/R 250 mS |
|---|---|---|---|---|
| era_01 | 32546 | 5.57 | 0.53 | 2.78/2.62 |
| era_01 | 32546 | 5.57 | 0.53 | 2.78/2.62 |
| era_02 | 32310 | 4.47 | 1.76 | 2.46/2.37 |
| era_03 | 32648 | 5.30 | 1.60 | 2.90/2.67 |
| era_04 | 32767 | 5.11 | 1.77 | 2.79/2.88 |
| era_05 | 32558 | 4.56 | 2.36 | 2.46/2.43 |
| era_06 | 32685 | 4.13 | 2.40 | 2.72/2.55 min cf |
| era_07 | 31816 | 4.67 | 0.85 | 2.43/2.12 |
| era_08 | 31816 | 4.84 | 2.66 | 2.50/2.41 |
| era_09 | 30502 | 5.77 | 0.43 | 2.56/2.79 max cf |
| era_10 | 32685 | 4.99 | 2.37 | 2.56/2.60 |
| era_11 | 31816 | 4.59 | 0.84 | 2.50/2.65 |



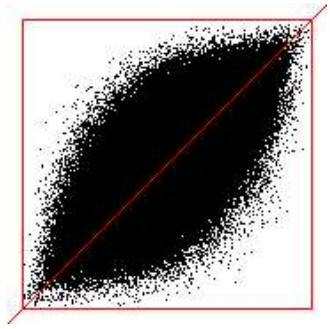
Traccia 1



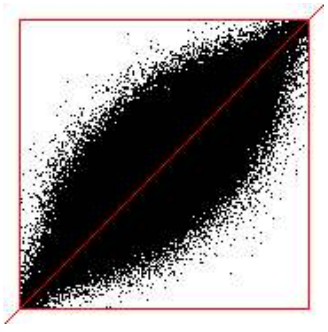
Traccia 2



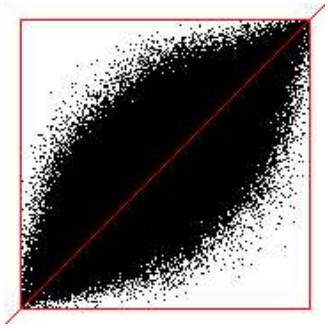
Traccia 3



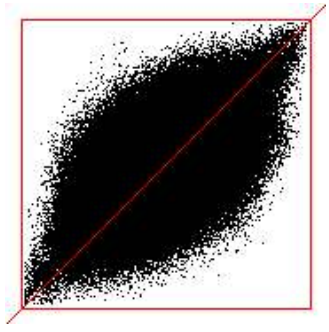
Traccia 4



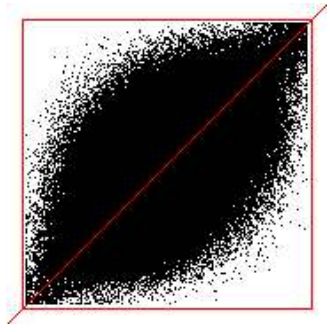
Traccia 5



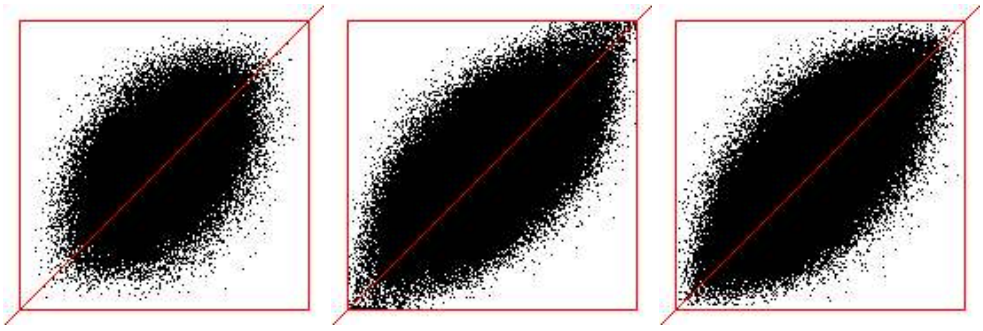
Traccia 6



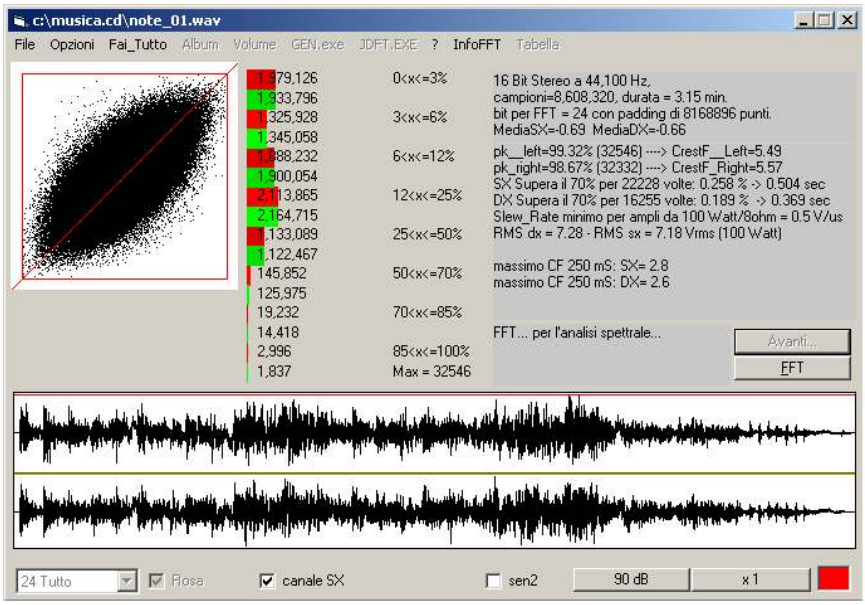
Traccia 7

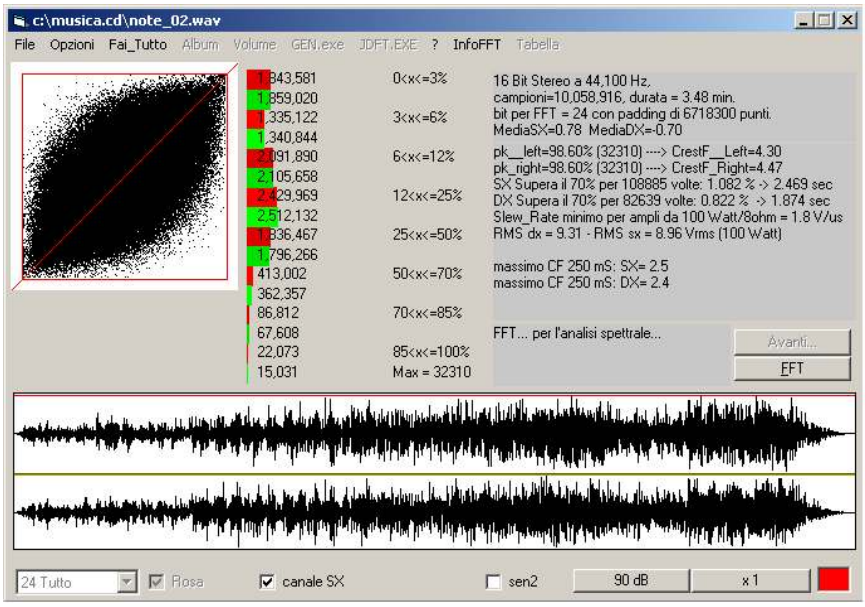


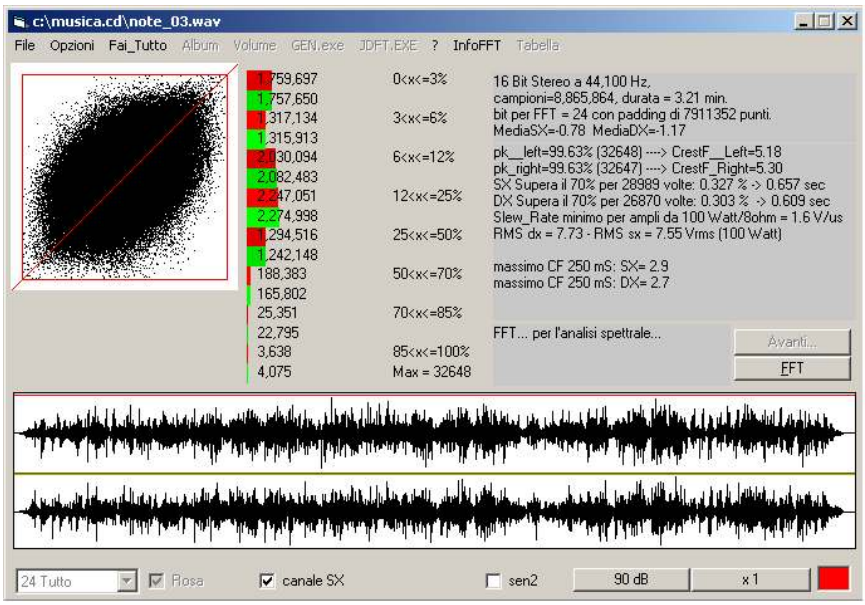
Traccia 8

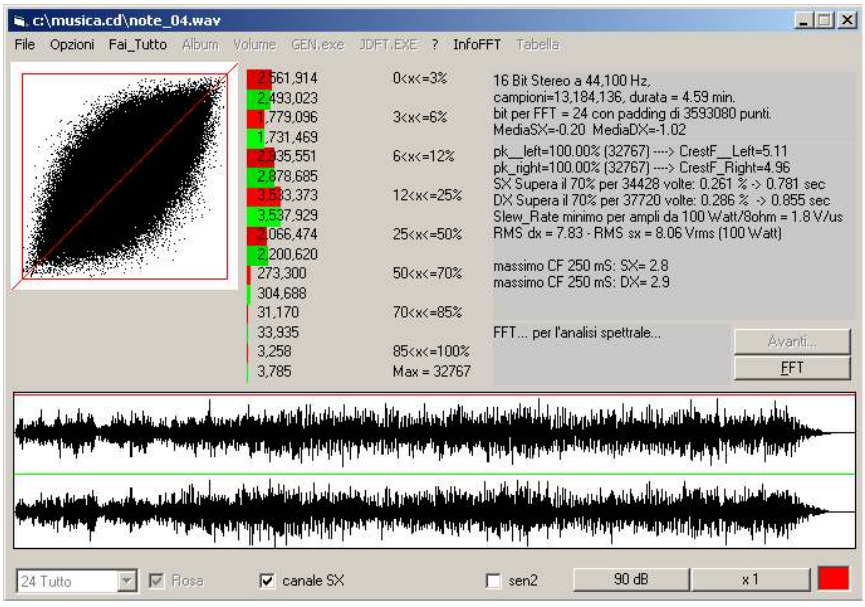


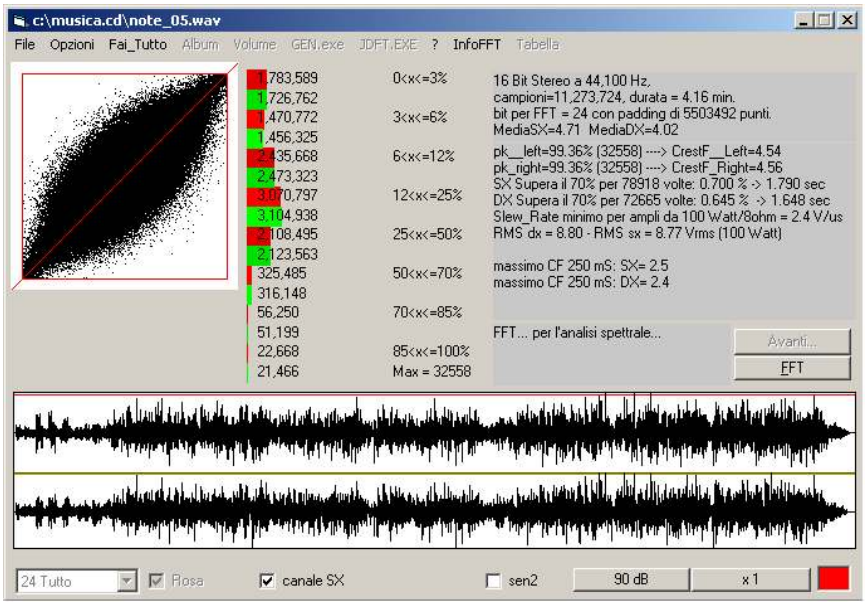
Traccia 9 Traccia 10 Traccia 11

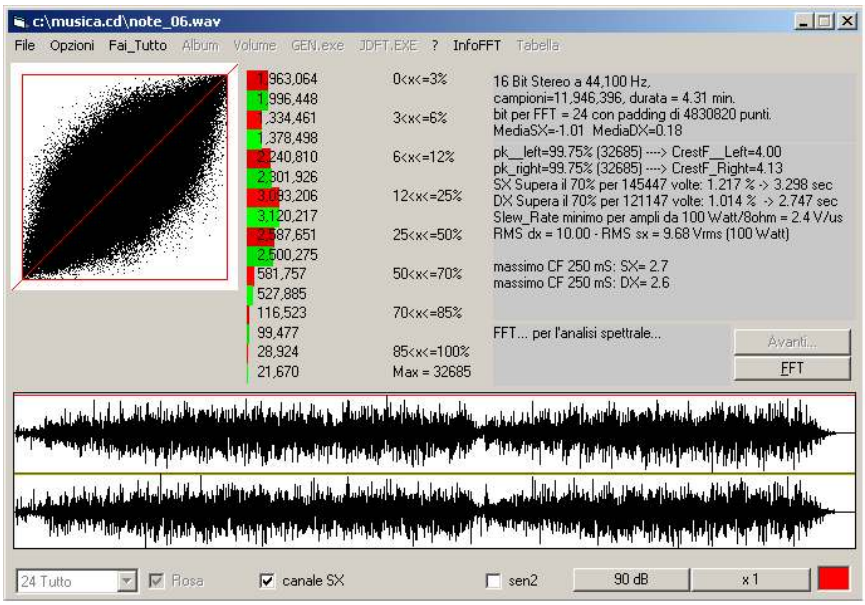


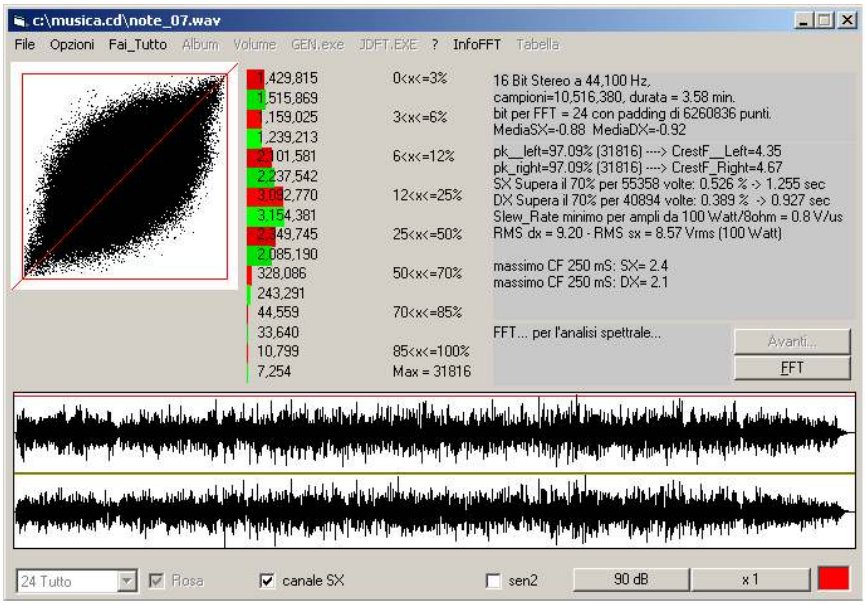



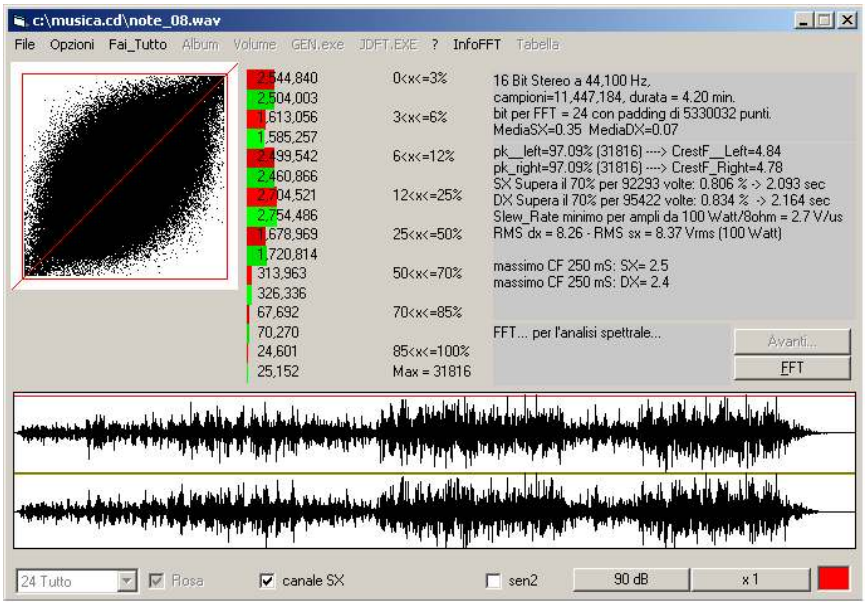

c:\musica.cd\note_03.wav
File Opzioni Fai_Tutto Album Volume GEN.exe JDFT.EXE ? InfoFFT Tabella
1.759,697
1.757,650
1.317,134
1.315,913
2.030,094
2.082,483
2.247,051
2.274,998
1.294,516
1.242,148
188,383
165,802
25,351
22,795
3,638
4,075
0<x<=3%
3<x<=6%
6<x<=12%
12<x<=25%
25<x<=50%
50<x<=70%
70<x<=85%
85<x<=100%
Max = 32648
16 Bit Stereo a 44,100 Hz,
campioni=8,865,864, durata = 3.21 min.
bit per FFT = 24 con padding di 7911352 punti.
MediaSX=-0.78 MediaDX=-1.17
pk__left=99.63% (32648) ----> CrestF__Left=5.18
pk_right=99.63% (32647) ----> CrestF_Right=5.30
SX Supera il 70% per 28989 volte: 0.327 % -> 0.657 sec
DX Supera il 70% per 26870 volte: 0.303 % -> 0.609 sec
Slew_Rate minimo per ampli da 100 Watt/8ohm = 1.6 V/us
RMS dx = 7.73 - RMS sx = 7.55 Vrms (100 Watt)
massimo CF 250 mS: SX= 2.9
massimo CF 250 mS: DX= 2.7
FFT... per l'analisi spettrale...
Avanti...
FFT
24 Tutto
Rosa
canale SX
sen2
90 dB
x 1

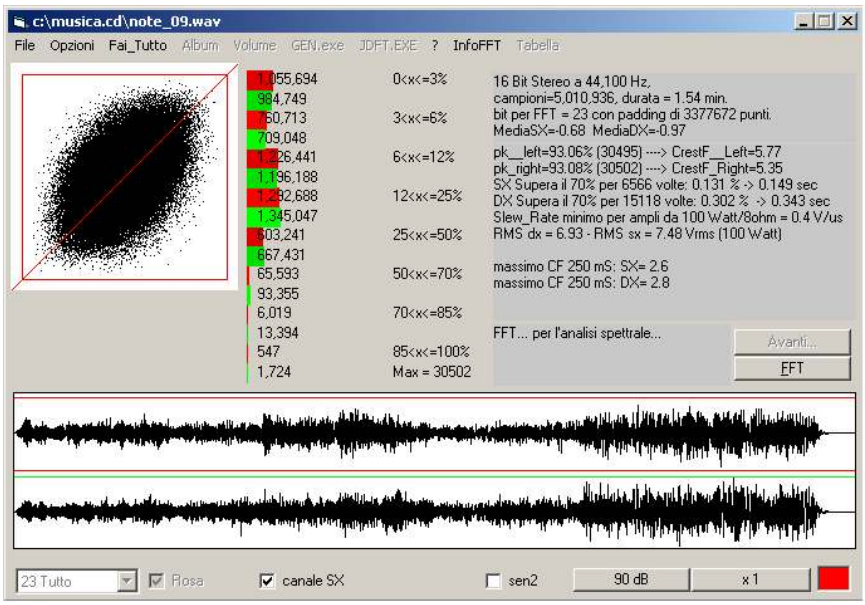

c:\musica.cd\note_04.wav
File Opzioni Fai_Tutto Album Volume GEN.exe JDFT.EXE ? InfoFFT Tabella
2.561,914
2.493,023
1.779,096
1.731,469
2.935,551
2.878,685
3.583,373
3.537,929
2.066,474
2.200,620
273,300
304,688
31,170
33,935
3,258
3,785
0<x<=3%
3<x<=6%
6<x<=12%
12<x<=25%
25<x<=50%
50<x<=70%
70<x<=85%
85<x<=100%
Max = 32767
16 Bit Stereo a 44,100 Hz,
campioni=13,184,136, durata = 4.59 min.
bit per FFT = 24 con padding di 3593080 punti.
MediaSX=-0.20 MediaDX=-1.02
pk__left=100.00% (32767) ----> CrestF__Left=5.11
pk_right=100.00% (32767) ----> CrestF_Right=4.96
SX Supera il 70% per 34428 volte: 0.261 % -> 0.781 sec
DX Supera il 70% per 37720 volte: 0.286 % -> 0.855 sec
Slew_Rate minimo per ampli da 100 Watt/8ohm = 1.8 V/us
RMS dx = 7.83 - RMS sx = 8.06 Vrms (100 Watt)
massimo CF 250 mS: SX= 2.8
massimo CF 250 mS: DX= 2.9
FFT... per l'analisi spettrale...
Avanti...
FFT
24 Tutto
Rosa
canale SX
sen2
90 dB
x 1

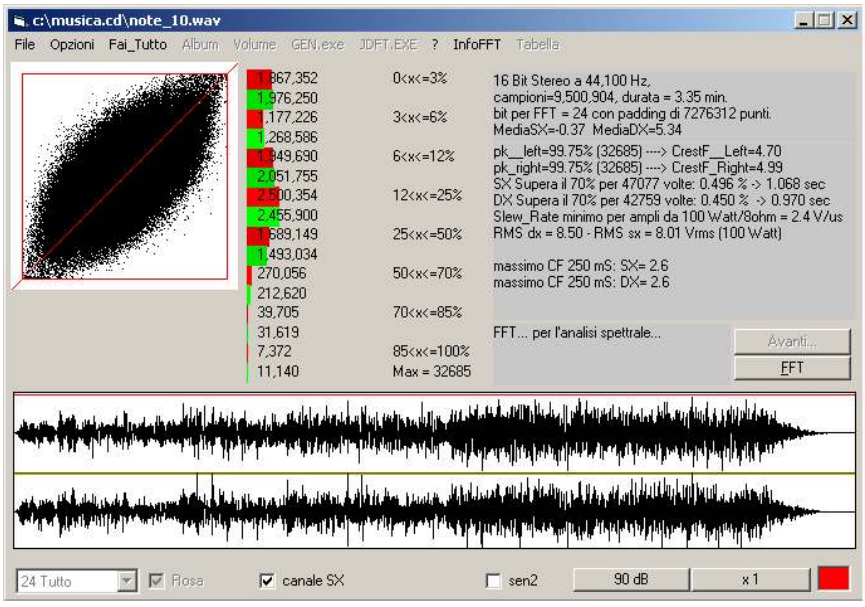

c:\musica.cd\note_05.wav
File Opzioni Fai_Tutto Album Volume GEN.exe JDFT.EXE ? InfoFFT Tabella
1.783,589
1.726,762
1.470,772
1.456,325
2.435,668
2.473,323
3.070,797
3.104,938
2.108,495
2.123,563
325,485
316,148
56,250
51,199
22,668
21,466
0<x<=3%
3<x<=6%
6<x<=12%
12<x<=25%
25<x<=50%
50<x<=70%
70<x<=85%
85<x<=100%
Max = 32558
16 Bit Stereo a 44,100 Hz,
campioni=11,273,724, durata = 4.16 min.
bit per FFT = 24 con padding di 5503492 punti.
MediaSX=4.71 MediaDX=4.02
pk__left=99.36% (32558) ----> CrestF__Left=4.54
pk_right=99.36% (32558) ----> CrestF_Right=4.56
SX Supera il 70% per 78918 volte: 0.700 % -> 1.790 sec
DX Supera il 70% per 72665 volte: 0.645 % -> 1.648 sec
Slew_Rate minimo per ampli da 100 Watt/8ohm = 2.4 V/us
RMS dx = 8.80 - RMS sx = 8.77 Vrms (100 Watt)
massimo CF 250 mS: SX= 2.5
massimo CF 250 mS: DX= 2.4
FFT... per l'analisi spettrale...
Avanti...
FFT
24 Tutto
Rosa
canale SX
sen2
90 dB
x 1

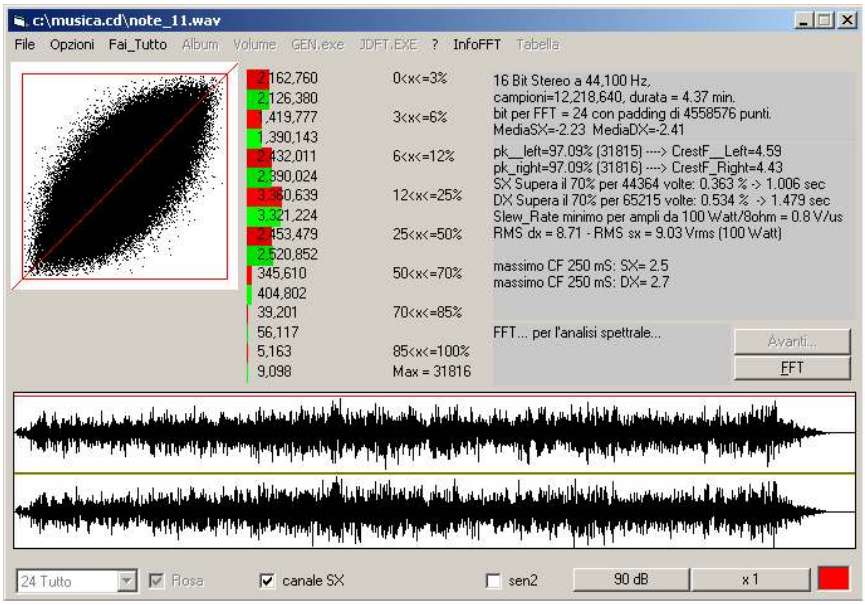

c:\musica.cd\note_06.wav
File Opzioni Fai_Tutto Album Volume GEN.exe JDFT.EXE ? InfoFFT Tabella
1.963,064
1.996,448
1.334,461
1.378,498
2.240,810
2.301,926
3.093,206
3.120,217
2.587,651
2.500,275
581,757
527,885
116,523
99,477
28,924
21,670
0<x<=3%
3<x<=6%
6<x<=12%
12<x<=25%
25<x<=50%
50<x<=70%
70<x<=85%
85<x<=100%
Max = 32685
16 Bit Stereo a 44,100 Hz,
campioni=11,946,396, durata = 4.31 min.
bit per FFT = 24 con padding di 4830820 punti.
MediaSX=-1.01 MediaDX=0.18
pk__left=99.75% (32685) ----> CrestF__Left=4.00
pk_right=99.75% (32685) ----> CrestF_Right=4.13
SX Supera il 70% per 145447 volte: 1.217 % -> 3.298 sec
DX Supera il 70% per 121147 volte: 1.014 % -> 2.747 sec
Slew_Rate minimo per ampli da 100 Watt/8ohm = 2.4 V/us
RMS dx = 10.00 - RMS sx = 9.68 Vrms (100 Watt)
massimo CF 250 mS: SX= 2.7
massimo CF 250 mS: DX= 2.6
FFT... per l'analisi spettrale...
Avanti...
FFT
24 Tutto
Rosa
canale SX
sen2
90 dB
x 1


c:\musica.cd\note_07.wav
File Opzioni Fai_Tutto Album Volume GEN.exe JDFT.EXE ? InfoFFT Tabella
1.429,815
1.515,869
1.159,025
1.239,213
2.101,581
2.237,542
3.062,770
3.154,381
2.349,745
2.085,190
328,086
243,291
44,559
33,640
10,799
7,254
0<x<=3%
3<x<=6%
6<x<=12%
12<x<=25%
25<x<=50%
50<x<=70%
70<x<=85%
85<x<=100%
Max = 31816
16 Bit Stereo a 44,100 Hz,
campioni=10,516,380, durata = 3.58 min.
bit per FFT = 24 con padding di 6260836 punti.
MediaSX=-0.88 MediaDX=-0.92
pk__left=97.09% (31816) ----> CrestF__Left=4.35
pk_right=97.09% (31816) ----> CrestF_Right=4.67
SX Supera il 70% per 55358 volte: 0.526 % -> 1.255 sec
DX Supera il 70% per 40894 volte: 0.389 % -> 0.927 sec
Slew_Rate minimo per ampli da 100 Watt/8ohm = 0.8 V/us
RMS dx = 9.20 - RMS sx = 8.57 Vrms (100 Watt)
massimo CF 250 mS: SX= 2.4
massimo CF 250 mS: DX= 2.1
FFT... per l'analisi spettrale...
Avanti...
FFT
24 Tutto
Rosa
canale SX
sen2
90 dB
x 1


c:\musica.cd\note_08.wav
File Opzioni Fai_Tutto Album Volume GEN.exe JDFT.EXE ? InfoFFT Tabella
2.544,840
2.504,003
1.613,056
1.585,257
2.499,542
2.460,866
2.704,521
2.754,486
1.678,969
1.720,814
313,963
326,336
67,692
70,270
24,601
25,152
0<x<=3%
3<x<=6%
6<x<=12%
12<x<=25%
25<x<=50%
50<x<=70%
70<x<=85%
85<x<=100%
Max = 31816
16 Bit Stereo a 44,100 Hz,
campioni=11,447,184, durata = 4.20 min.
bit per FFT = 24 con padding di 5330032 punti.
MediaSX=0.35 MediaDX=0.07
pk__left=97.09% (31816) ----> CrestF__Left=4.84
pk_right=97.09% (31816) ----> CrestF_Right=4.78
SX Supera il 70% per 92293 volte: 0.806 % -> 2.093 sec
DX Supera il 70% per 95422 volte: 0.834 % -> 2.164 sec
Slew_Rate minimo per ampli da 100 Watt/8ohm = 2.7 V/us
RMS dx = 8.26 - RMS sx = 8.37 Vrms (100 Watt)
massimo CF 250 mS: SX= 2.5
massimo CF 250 mS: DX= 2.4
FFT... per l'analisi spettrale...
Avanti...
FFT
24 Tutto
Rosa
canale SX
sen2
90 dB
x 1


c:\musica.cd\note_09.wav
File Opzioni Fai_Tutto Album Volume GEN.exe JDFT.EXE ? InfoFFT Tabella
1.055,694
984,749
760,713
709,048
1.226,441
1.196,188
1.292,688
1.345,047
803,241
667,431
65,593
93,355
6,019
13,394
547
1,724
0<x<=3%
3<x<=6%
6<x<=12%
12<x<=25%
25<x<=50%
50<x<=70%
70<x<=85%
85<x<=100%
Max = 30502
16 Bit Stereo a 44,100 Hz,
campioni=5,010,936, durata = 1.54 min.
bit per FFT = 23 con padding di 3377672 punti.
MediaSX=-0.68 MediaDX=-0.97
pk_left=93.06% (30495) ----> CrestF_Left=5.77
pk_right=93.08% (30502) ----> CrestF_Right=5.35
SX Supera il 70% per 6566 volte: 0.131 % -> 0.149 sec
DX Supera il 70% per 15118 volte: 0.302 % -> 0.343 sec
Slew_Rate minimo per ampli da 100 Watt/8ohm = 0.4 V/us
RMS dx = 6.93 - RMS sx = 7.48 Vrms (100 Watt)
massimo CF 250 mS: SX= 2.6
massimo CF 250 mS: DX= 2.8
FFT... per l'analisi spettrale...
Avanti...
FFT
23 Tutto
Rosa
canale SX
sen2
90 dB
x 1


c:\musica.cd\note_10.wav
File Opzioni Fai_Tutto Album Volume GEN.exe JDFT.EXE ? InfoFFT Tabella
1.867,352
1.976,250
1.177,226
1.268,586
1.849,690
2.051,755
2.500,354
2.455,900
1.689,149
1.493,034
270,056
212,620
39,705
31,619
7,372
11,140
0<x<=3%
3<x<=6%
6<x<=12%
12<x<=25%
25<x<=50%
50<x<=70%
70<x<=85%
85<x<=100%
Max = 32685
16 Bit Stereo a 44,100 Hz,
campioni=9,500,904, durata = 3.35 min.
bit per FFT = 24 con padding di 7276312 punti.
MediaSX=-0.37 MediaDX=5.34
pk_left=99.75% (32685) ----> CrestF_Left=4.70
pk_right=99.75% (32685) ----> CrestF_Right=4.99
SX Supera il 70% per 47077 volte: 0.496 % -> 1.068 sec
DX Supera il 70% per 42759 volte: 0.450 % -> 0.970 sec
Slew_Rate minimo per ampli da 100 Watt/8ohm = 2.4 V/us
RMS dx = 8.50 - RMS sx = 8.01 Vrms (100 Watt)
massimo CF 250 mS: SX= 2.6
massimo CF 250 mS: DX= 2.6
FFT... per l'analisi spettrale...
Avanti...
FFT
24 Tutto
Rosa
canale SX
sen2
90 dB
x 1


c:\musica.cd\note_11.wav
File Opzioni Fai_Tutto Album Volume GEN.exe JDFT.EXE ? InfoFFT Tabella
2.162,760
2.126,380
1.419,777
1.390,143
2.432,011
2.390,024
3.360,639
3.321,224
2.453,479
2.520,852
345,610
404,802
39,201
56,117
5,163
9,098
0<x<=3%
3<x<=6%
6<x<=12%
12<x<=25%
25<x<=50%
50<x<=70%
70<x<=85%
85<x<=100%
Max = 31816
16 Bit Stereo a 44,100 Hz,
campioni=12,218,640, durata = 4.37 min.
bit per FFT = 24 con padding di 4558576 punti.
MediaSX=-2.23 MediaDX=-2.41
pk_left=97.09% (31815) ----> CrestF_Left=4.59
pk_right=97.09% (31816) ----> CrestF_Right=4.43
SX Supera il 70% per 44364 volte: 0.363 % -> 1.006 sec
DX Supera il 70% per 65215 volte: 0.534 % -> 1.479 sec
Slew_Rate minimo per ampli da 100 Watt/8ohm = 0.8 V/us
RMS dx = 8.71 - RMS sx = 9.03 Vrms (100 Watt)
massimo CF 250 mS: SX= 2.5
massimo CF 250 mS: DX= 2.7
FFT... per l'analisi spettrale...
Avanti...
FFT
24 Tutto
Rosa
canale SX
sen2
90 dB
x 1