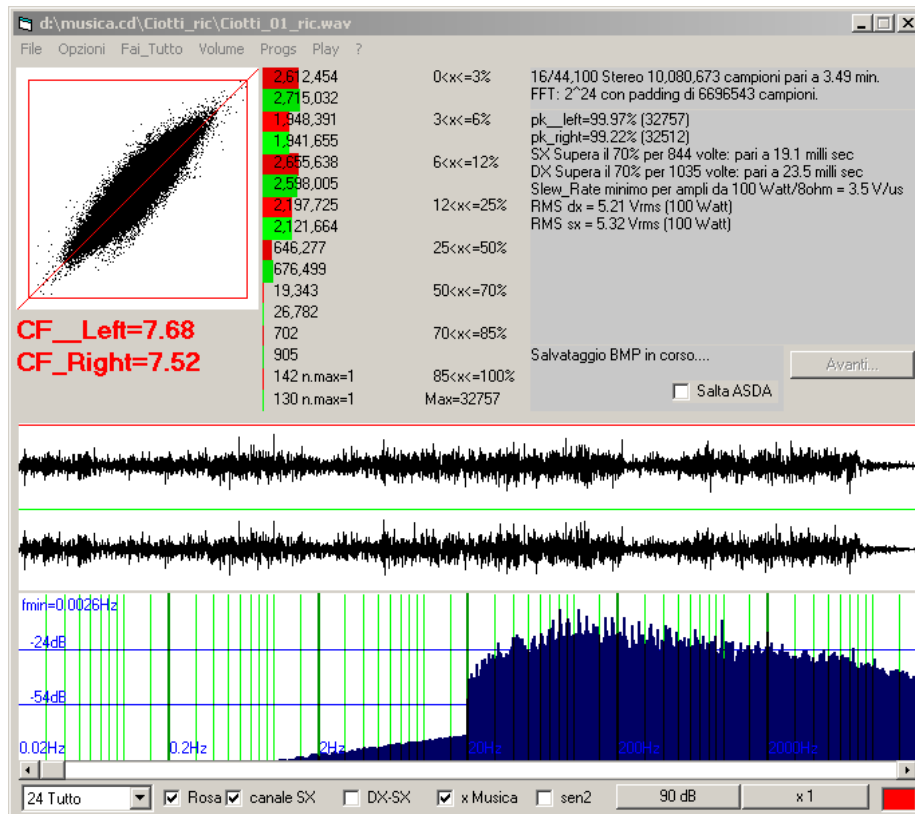


Fattore di Cresta del segnale musicale Roberto Ciotti: "My Blues" ricondizionato

13 dicembre 2008


Roberto Ciotti: "my blues" - Suono Record (2008). In questo caso le tracce sono state "ricondizionate" filtrando digitalmente le frequenze inferiori a 20 Hz e superiori a 20.000 Hz. I risultati della ASDA non mostrano cambiamenti significativi a parte un leggero incremento del fattore di cresta. La coda sotto i 20 Hz non può che essere rumore di quantizzazione. Seguirà un commento sulla comparazione del suono con l'originale.

| Traccia | Picco | FCresta | SlewRate |
|---------------|-------|---------|----------------|
| Ciotti_01_ric | 32757 | 7.68 | 3.52 |
| Ciotti_02_ric | 32760 | 6.85 | 3.52 |
| Ciotti_03_ric | 32748 | 6.84 | 3.52 |
| Ciotti_04_ric | 32760 | 7.36 | 3.50 |
| Ciotti_05_ric | 32765 | 7.91 | 3.47 |
| Ciotti_06_ric | 32767 | 6.61 | 3.52 << min cf |
| Ciotti_07_ric | 32681 | 12.67 | 3.42 |
| Ciotti_08_ric | 32592 | 10.93 | 0.80 |
| Ciotti_09_ric | 19621 | 13.27 | 0.54 max cf |
| Ciotti_10_ric | 31256 | 12.58 | 0.48 |
| Ciotti_11_ric | 32746 | 9.73 | 3.52 |
| Ciotti_12_ric | 32767 | 6.88 | 3.52 << |
| Ciotti_13_ric | 32766 | 9.01 | 3.51 |
| Ciotti_14_ric | 32742 | 7.25 | 3.52 |
| Ciotti_15_ric | 32361 | 9.86 | 0.55 |
| Ciotti_16_ric | 32728 | 12.24 | 3.50 |



d:\musica.cd\Ciotti_ric\Ciotti_02_ric.wav

File Opzioni Fai_Tutto Volume Progs Play ?



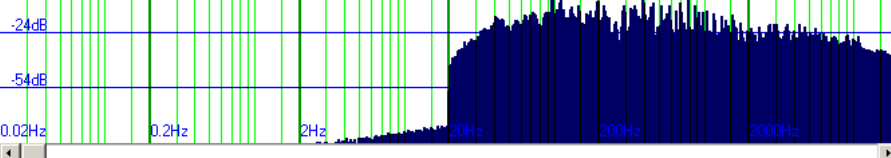


| | | |
|-------------|------------|--|
| 2,613,951 | 0<x<=3% | 16/44,100 Stereo 11,210,221 campioni pari a 4.14 min. FFT: 2^24 con padding di 5566395 campioni. |
| 2,577,058 | 3<x<=6% | pk_left=99.66% (32655) pk_right=99.98% (32760) |
| 1,944,907 | 6<x<=12% | SX Supera il 70% per 2277 volte: pari a 51.6 milli sec DX Supera il 70% per 3109 volte: pari a 70.5 milli sec |
| 1,863,326 | 12<x<=25% | Slew_Rate minimo per ampli da 100 Watt/Bohm = 3.5 V/us |
| 2,857,404 | 25<x<=50% | RMS dx = 5.84 Vrms (100 Watt) RMS sx = 6.06 Vrms (100 Watt) |
| 2,777,677 | 50<x<=70% | |
| 2,782,525 | 70<x<=85% | |
| 2,850,216 | 85<x<=100% | |
| 988,050 | Max=32760 | |
| 1,089,088 | | |
| 41,106 | | |
| 49,746 | | |
| 1,964 | | |
| 2,747 | | |
| 313 n.max=1 | | |
| 362 n.max=1 | | |

CF_Left=6.85
CF_Right=6.60

Salvataggio BMP in corso...

Salta ASDA

fmir=0 0026Hz

-24dB

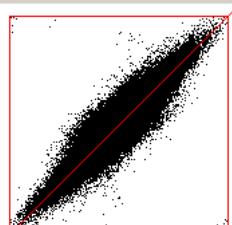
-54dB

0.02Hz 0.2Hz 2Hz 20Hz 200Hz 2000Hz

24 Tutto Rosa canale SX DX-SX x Musica sen2 90 dB x 1

d:\musica.cd\Ciotti_ric\Ciotti_03_ric.wav

File Opzioni Fai_Tutto Volume Progs Play ?



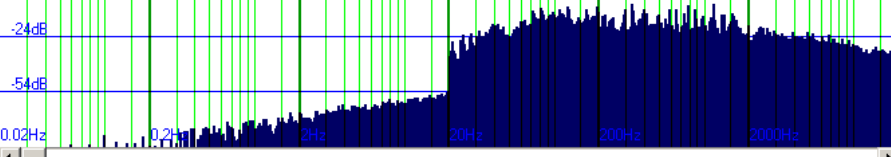


| | | |
|---------------|------------|---|
| 3,634,993 | 0<x<=3% | 16/44,100 Stereo 13,742,737 campioni pari a 5.12 min. FFT: 2^24 con padding di 3034479 campioni. |
| 3,658,931 | 3<x<=6% | pk_left=99.94% (32748) pk_right=99.93% (32745) |
| 2,416,904 | 6<x<=12% | SX Supera il 70% per 9171 volte: pari a 208.0 milli sec DX Supera il 70% per 10561 volte: pari a 239.5 milli sec |
| 2,375,803 | 12<x<=25% | Slew_Rate minimo per ampli da 100 Watt/Bohm = 3.5 V/us |
| 3,348,066 | 25<x<=50% | RMS dx = 5.85 Vrms (100 Watt) RMS sx = 6.02 Vrms (100 Watt) |
| 3,279,403 | 50<x<=70% | |
| 3,087,649 | 70<x<=85% | |
| 3,065,424 | 85<x<=100% | |
| 1,169,143 | Max=32748 | |
| 1,262,001 | | |
| 76,810 | | |
| 90,613 | | |
| 7,350 | | |
| 8,637 | | |
| 1,821 n.max=1 | | |
| 1,924 n.max=1 | | |

CF_Left=6.84
CF_Right=6.65

Salvataggio BMP in corso...

Salta ASDA

fmir=0 0026Hz

-24dB

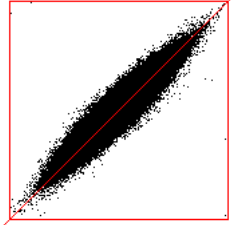
-54dB

0.02Hz 0.2Hz 2Hz 20Hz 200Hz 2000Hz

24 Tutto Rosa canale SX DX-SX x Musica sen2 90 dB x 1



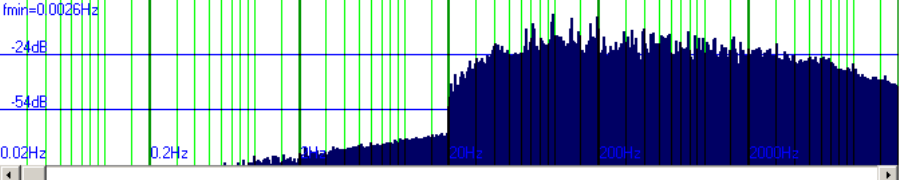
d:\musica.cd\Ciotti_ric\Ciotti_04_ric.wav

File Opzioni Fai_Tutto Volume Progs Play ?



CF_Left=7.26
CF_Right=7.36

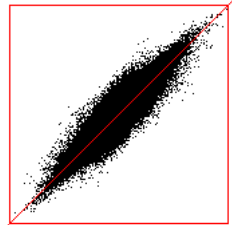
| | | |
|-------------|------------|--|
| 3,278,223 | 0<x<=3% | 16/44,100 Stereo 13,176,493 campioni pari a 4.59 min. FFT: 2^24 con padding di 3600723 campioni. |
| 3,453,657 | | |
| 2,505,813 | 3<x<=6% | pk_left=99.75% (32687) pk_right=99.98% (32760) |
| 2,573,795 | | |
| 3,509,387 | 6<x<=12% | SX Supera il 70% per 3460 volte: pari a 78.5 milli sec DX Supera il 70% per 3003 volte: pari a 68.1 milli sec |
| 3,448,433 | | |
| 2,368,578 | 12<x<=25% | Slew_Rate minimo per ampli da 100 Watt/8ohm = 3.5 V/us |
| 2,684,609 | | |
| 963,545 | 25<x<=50% | RMS dx = 5.51 Vrms (100 Watt) RMS sx = 5.44 Vrms (100 Watt) |
| 965,738 | | |
| 47,486 | 50<x<=70% | |
| 47,257 | | |
| 3,001 | 70<x<=85% | |
| 2,568 | | |
| 459 n.max=1 | 85<x<=100% | Salvataggio BMP in corso... <input type="button" value="Avanti..."/> |
| 435 n.max=1 | Max=32760 | <input type="checkbox"/> Salta ASDA |

24 Tutto Rosa canale SX DX-SX x Musica sen2 90 dB x 1



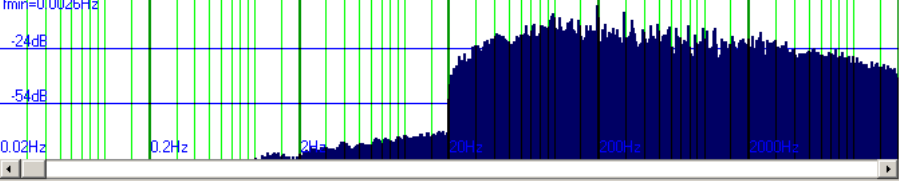
d:\musica.cd\Ciotti_ric\Ciotti_05_ric.wav

File Opzioni Fai_Tutto Volume Progs Play ?



CF_Left=7.91
CF_Right=7.61

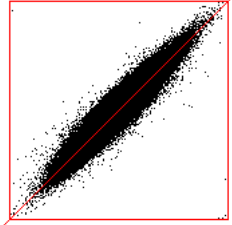
| | | |
|-------------|------------|--|
| 2,791,265 | 0<x<=3% | 16/44,100 Stereo 10,345,861 campioni pari a 3.55 min. FFT: 2^24 con padding di 6431355 campioni. |
| 2,794,314 | | |
| 2,037,229 | 3<x<=6% | pk_left=99.99% (32765) pk_right=99.39% (32567) |
| 1,993,375 | | |
| 2,759,095 | 6<x<=12% | SX Supera il 70% per 1398 volte: pari a 31.7 milli sec DX Supera il 70% per 1966 volte: pari a 44.6 milli sec |
| 2,701,830 | | |
| 2,149,182 | 12<x<=25% | Slew_Rate minimo per ampli da 100 Watt/8ohm = 3.5 V/us |
| 2,175,777 | | |
| 583,689 | 25<x<=50% | RMS dx = 5.06 Vrms (100 Watt) RMS sx = 5.26 Vrms (100 Watt) |
| 648,398 | | |
| 24,002 | 50<x<=70% | |
| 30,200 | | |
| 1,269 | 70<x<=85% | |
| 1,814 | | |
| 129 n.max=1 | 85<x<=100% | Salvataggio BMP in corso... <input type="button" value="Avanti..."/> |
| 152 n.max=1 | Max=32765 | <input type="checkbox"/> Salta ASDA |

24 Tutto Rosa canale SX DX-SX x Musica sen2 90 dB x 1

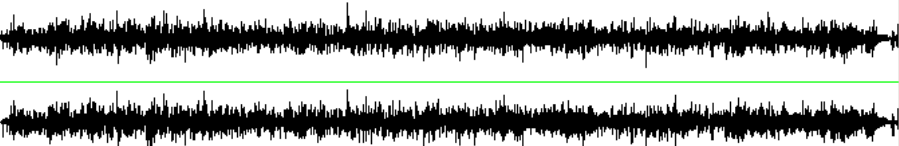
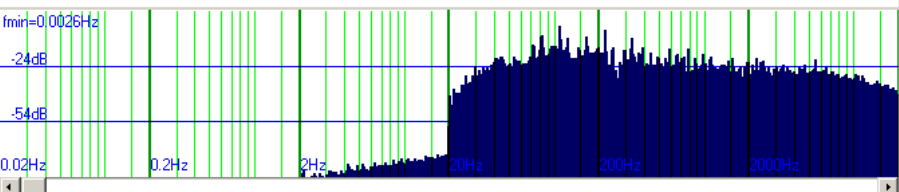
d:\musica.cd\Ciotti_ric\Ciotti_06_ric.wav

File Opzioni Fai_Tutto Volume Progs Play ?



CF_Left=6.61
CF_Right=6.38

| | | |
|-------------|------------|--|
| 21003,632 | 0<x<=3% | 16/44,100 Stereo 9,981,889 campioni pari a 3.46 min. |
| 1996,222 | | FFT: 2^24 con padding di 6795327 campioni. |
| 1731,469 | 3<x<=6% | pk__left=99.96% (32756) |
| 1686,872 | | pk__right=100.00% (32767) |
| 2640,520 | 6<x<=12% | SX Supera il 70% per 3207 volte: pari a 72.7 milli sec |
| 2557,830 | | DX Supera il 70% per 3988 volte: pari a 90.4 milli sec |
| 2627,663 | 12<x<=25% | Slew_Rate minimo per ampli da 100 Watt/8ohm = 3.5 V/us |
| 2634,055 | | RMS dx = 6.05 Vrms (100 Watt) |
| 931,886 | 25<x<=50% | RMS sx = 6.27 Vrms (100 Watt) |
| 1039,761 | | |
| 43,511 | 50<x<=70% | |
| 53,160 | | Salvataggio BMP in corso... |
| 2,758 | 70<x<=85% | Avanti... |
| 3,418 | | |
| 449 n.max=2 | 85<x<=100% | <input type="checkbox"/> Salta ASDA |
| 570 n.max=1 | Max=32767 | |

fmir=0 0026Hz

-24dB


-54dB

0.02Hz 0.2Hz 2Hz 20Hz 200Hz 2000Hz

24 Tutto Rosa canale SX DX-SX x Musica sen2 90 dB x 1

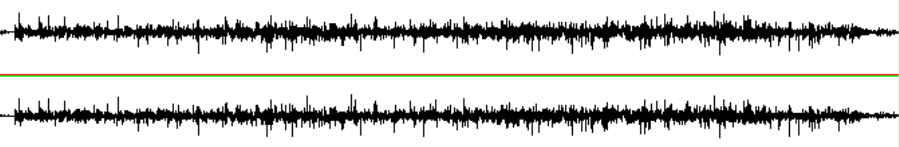
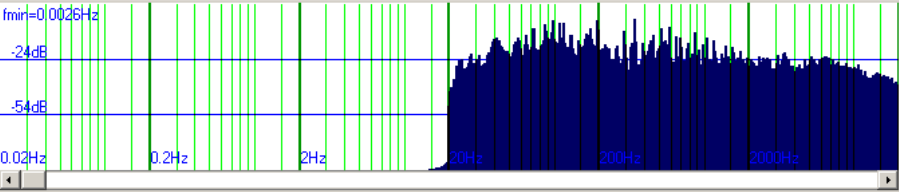
d:\musica.cd\Ciotti_ric\Ciotti_07_ric.wav

File Opzioni Fai_Tutto Volume Progs Play ?



CF_Left=11.89
CF_Right=12.67

| | | |
|------------|------------|--|
| 4580,306 | 0<x<=3% | 16/44,100 Stereo 11,505,985 campioni pari a 4.21 min. |
| 4872,566 | | FFT: 2^24 con padding di 5271231 campioni. |
| 2983,483 | 3<x<=6% | pk__left=98.38% (32236) |
| 2979,118 | | pk__right=99.73% (32681) |
| 2731,763 | 6<x<=12% | SX Supera il 70% per 111 volte: pari a 2.5 milli sec |
| 2664,171 | | DX Supera il 70% per 63 volte: pari a 1.4 milli sec |
| 1089,199 | 12<x<=25% | Slew_Rate minimo per ampli da 100 Watt/8ohm = 3.4 V/us |
| 936,065 | | RMS dx = 3.36 Vrms (100 Watt) |
| 166,610 | 25<x<=50% | RMS sx = 3.16 Vrms (100 Watt) |
| 149,118 | | |
| 4,512 | 50<x<=70% | |
| 4,883 | | Salvataggio BMP in corso... |
| 92 | 70<x<=85% | Avanti... |
| 54 | | |
| 19 n.max=1 | 85<x<=100% | <input type="checkbox"/> Salta ASDA |
| 9 n.max=1 | Max=32681 | |

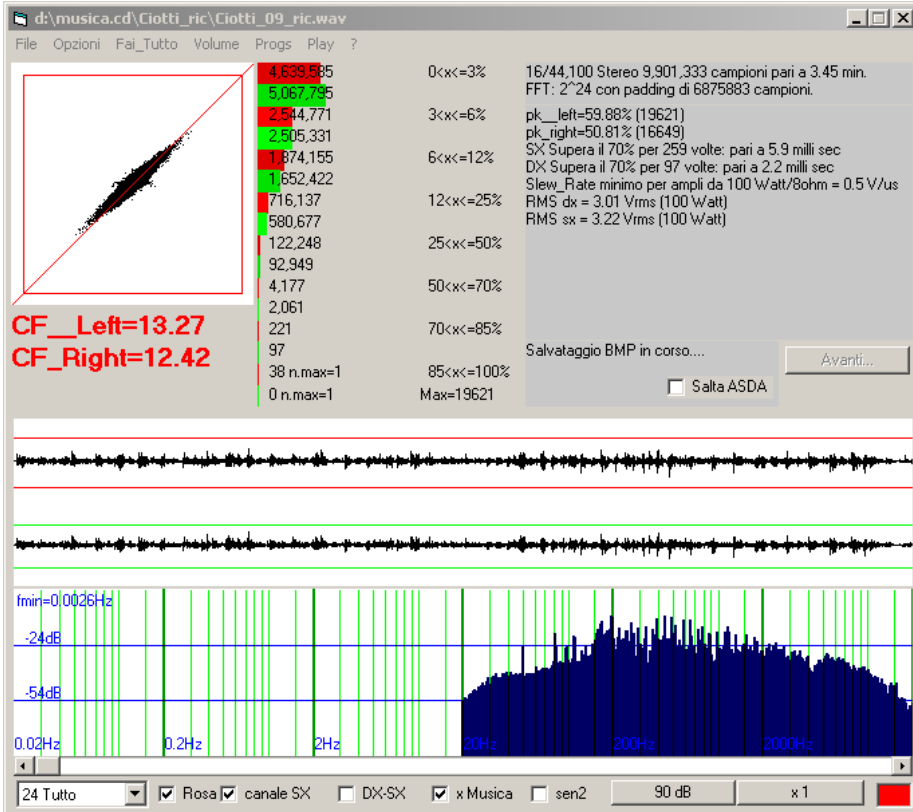
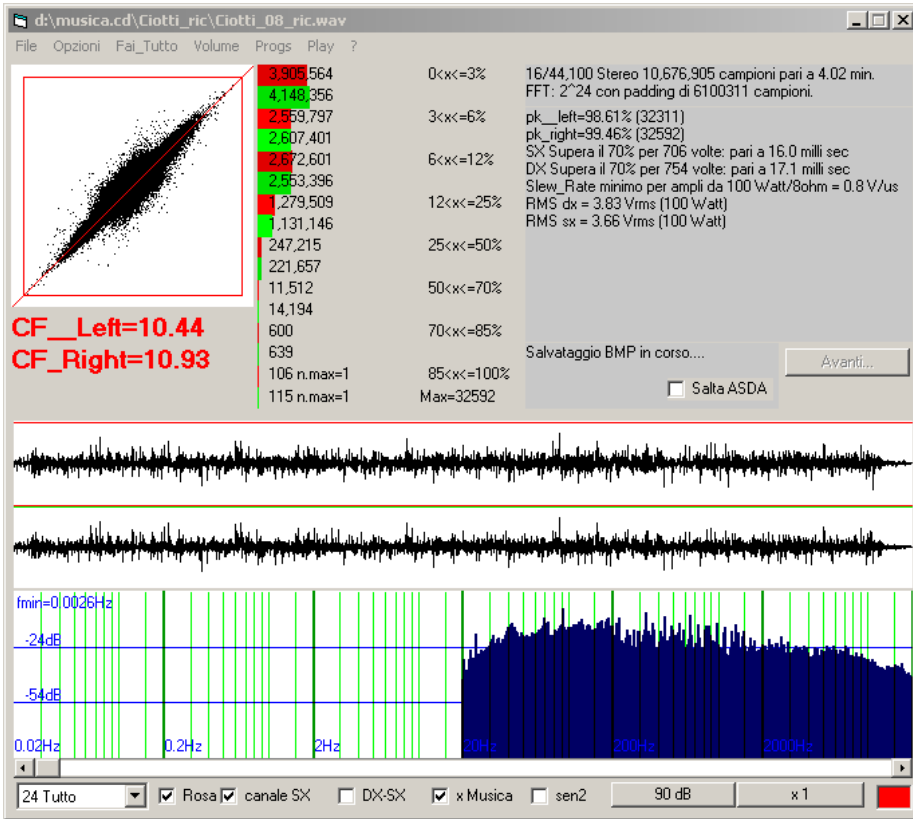
fmir=0 0026Hz

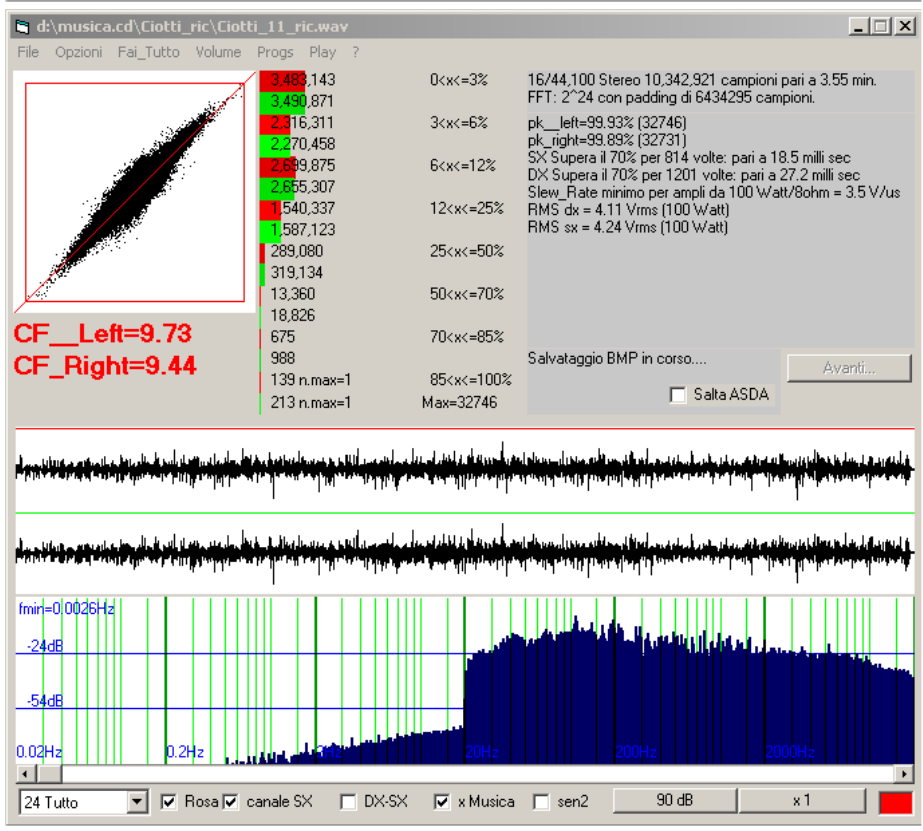
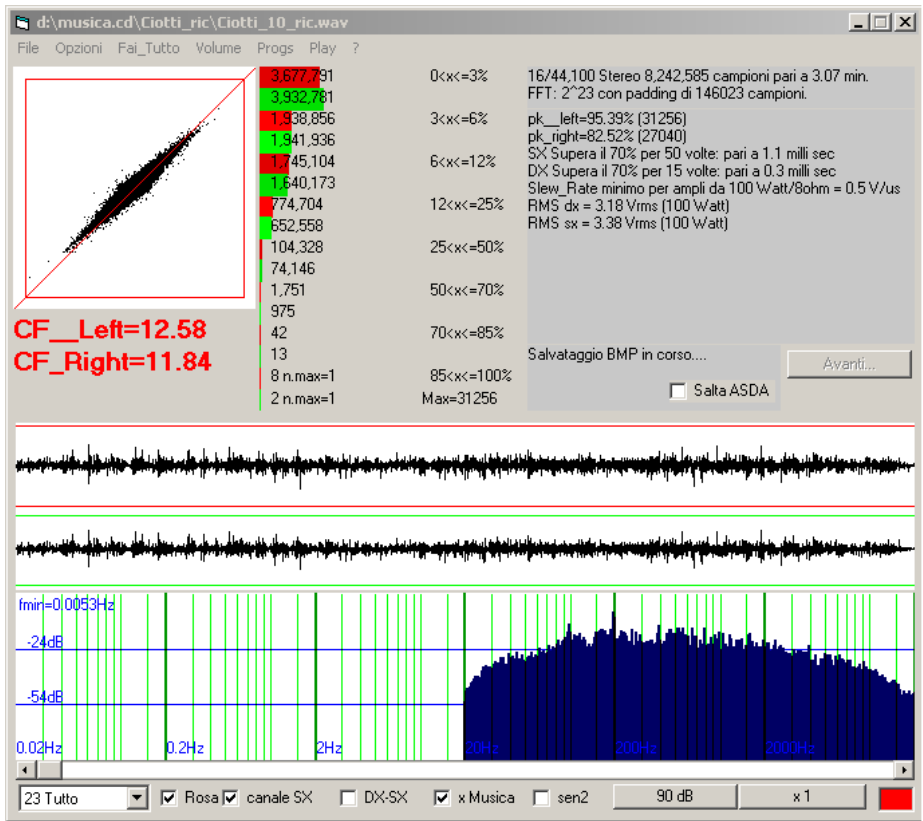
-24dB

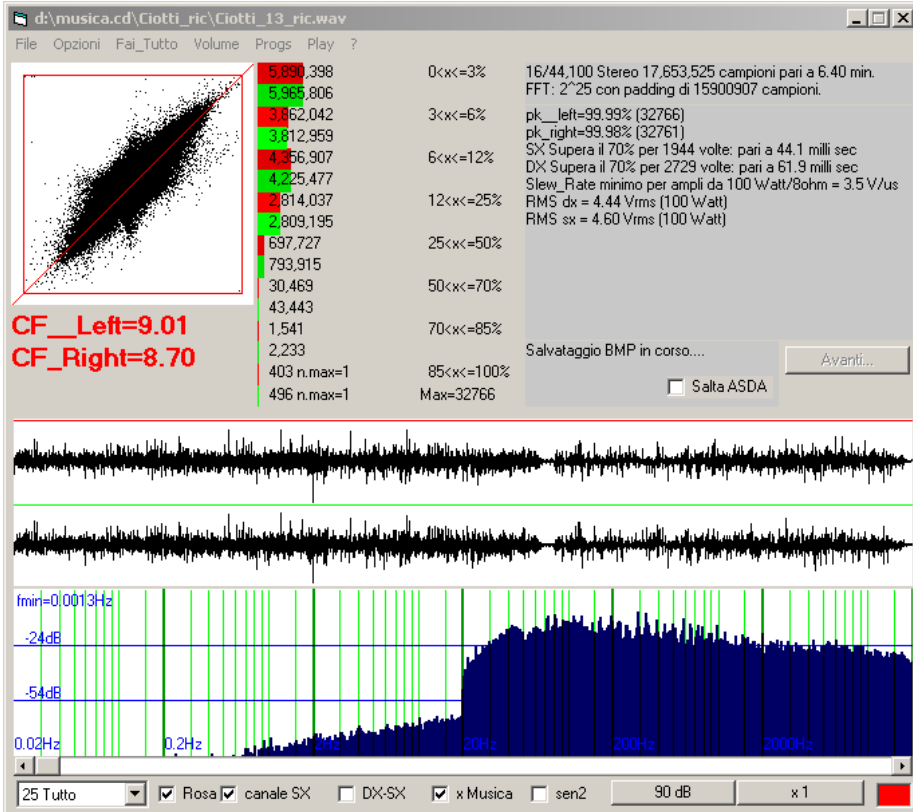
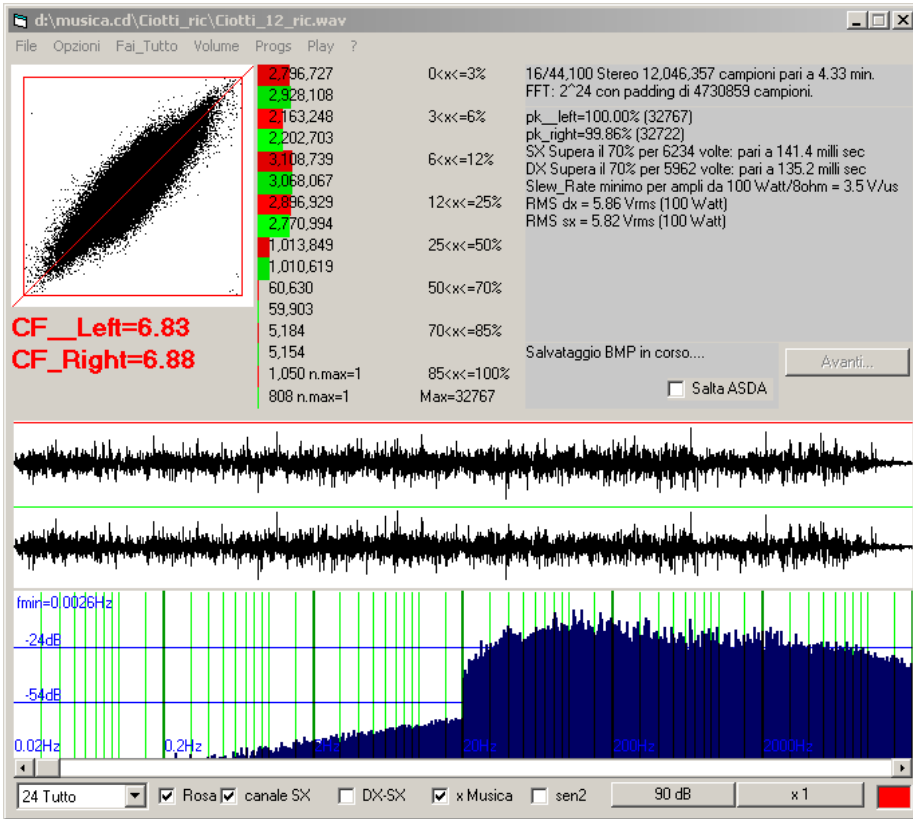
-54dB

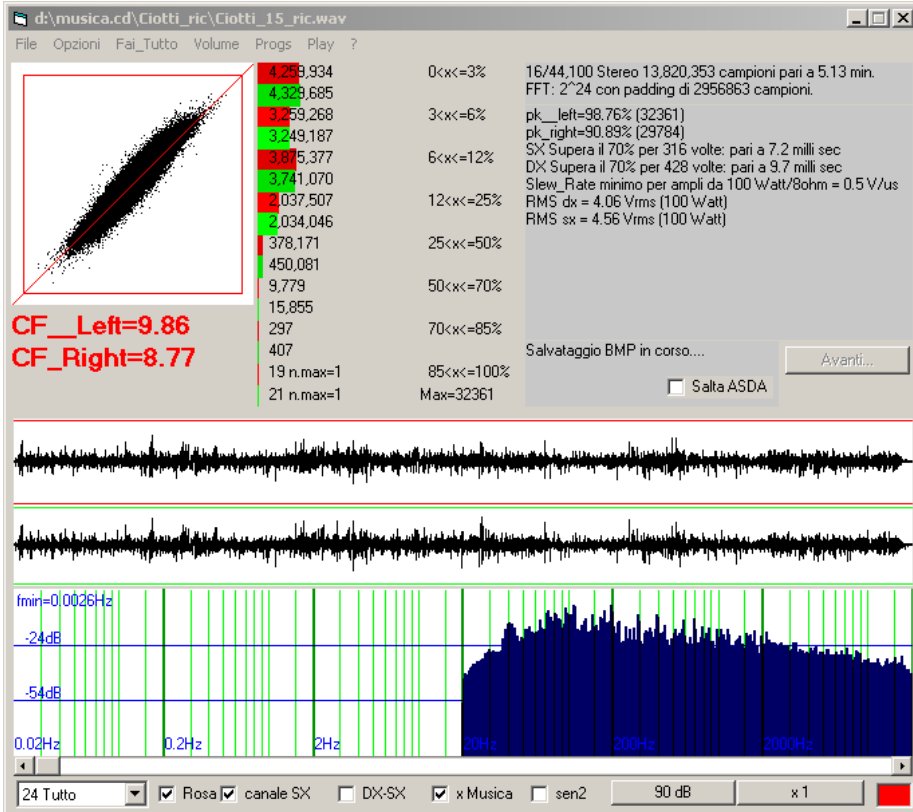
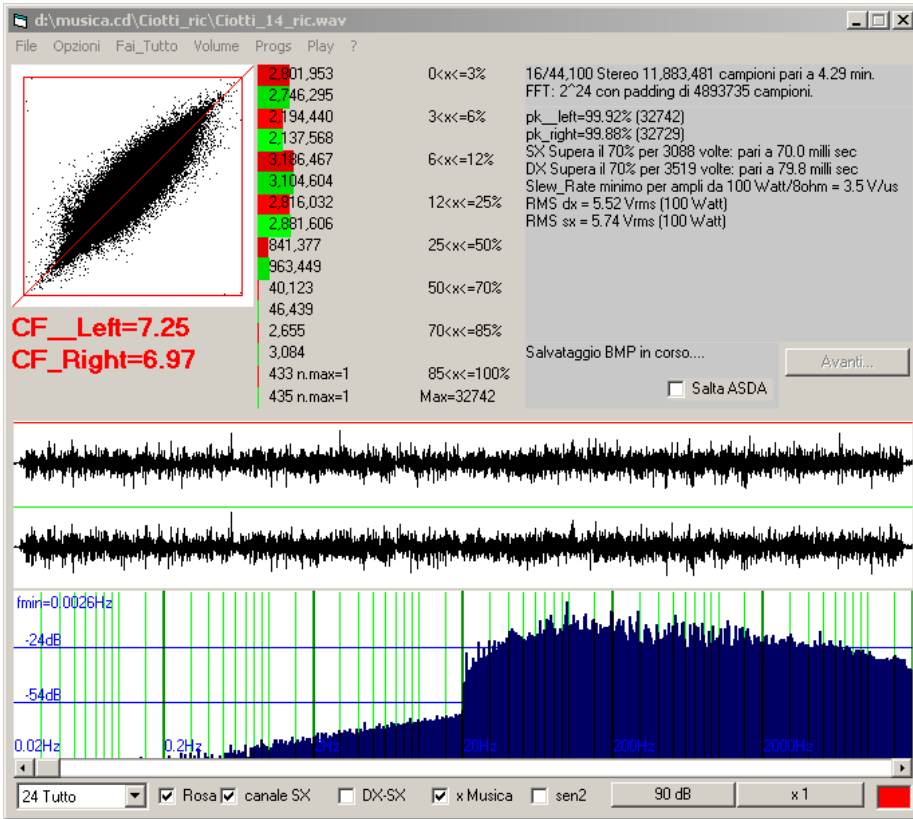
0.02Hz 0.2Hz 2Hz 20Hz 200Hz 2000Hz

24 Tutto Rosa canale SX DX-SX x Musica sen2 90 dB x 1












d:\musica.cd\Ciotti_ric\Ciotti_16_ric.wav

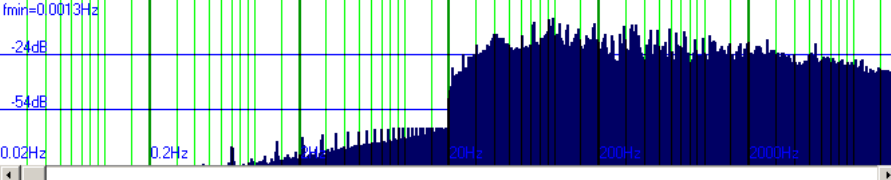
File Opzioni Fai_Tutto Volume Progs Play ?



CF_Left=12.24
CF_Right=11.38

| | | |
|-------------|------------|--|
| 9,133,860 | 0<x<=3% | 16/44,100 Stereo 20,119,597 campioni pari a 7.36 min. FFT: 2^25 con padding di 13434835 campioni. |
| 8,690,421 | 3<x<=6% | pk__left=99.83% (32713) pk__right=99.88% (32728) |
| 4,831,102 | 6<x<=12% | SX Supera il 70% per 437 volte; pari a 9.9 milli sec DX Supera il 70% per 624 volte; pari a 14.1 milli sec |
| 3,996,416 | 12<x<=25% | Slew_Rate minimo per ampli da 100 Watt/8ohm = 3.5 V/us RMS dx = 3.27 Vrms (100 Watt) RMS sx = 3.52 Vrms (100 Watt) |
| 4,144,119 | 25<x<=50% | |
| 1,824,740 | 50<x<=70% | |
| 2,021,866 | 70<x<=85% | |
| 324,521 | 85<x<=100% | Salvataggio BMP in corso... Avanti... |
| 431,802 | Max=32728 | <input type="checkbox"/> Salta ASDA |
| 8,520 | | |
| 13,625 | | |
| 293 | | |
| 483 | | |
| 144 n.max=1 | | |
| 141 n.max=1 | | |



fmir=0.0013Hz

-24dB

-54dB

0.02Hz 0.2Hz 20Hz 200Hz 2000Hz

25 Tutto

Rosa canale SX DX-SX x Musica sen2

90 dB

x 1