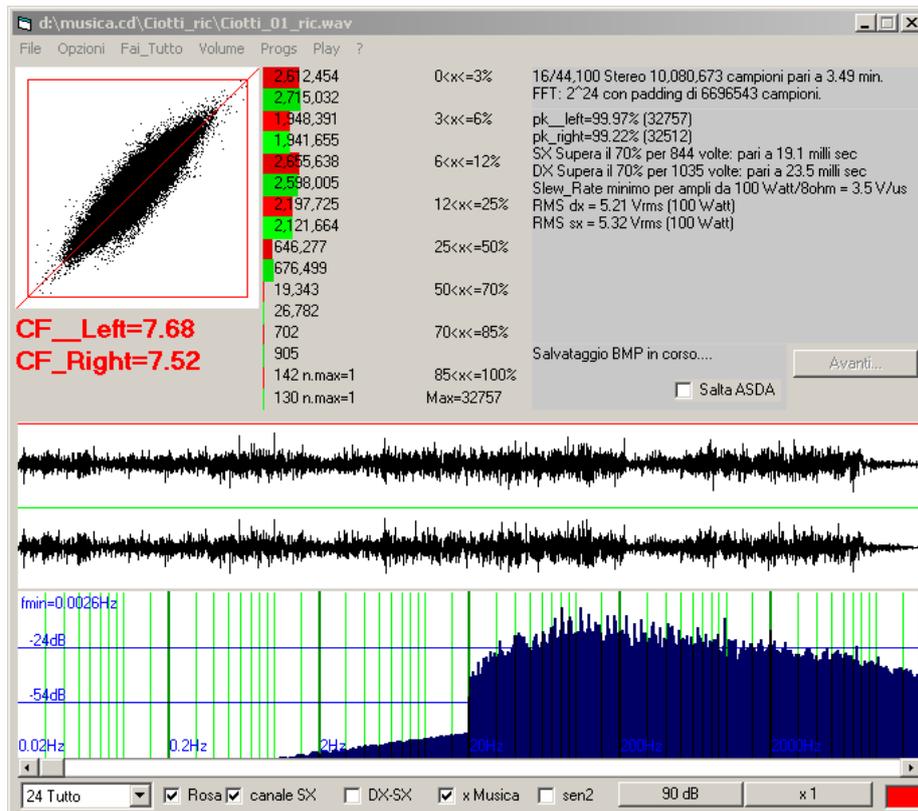


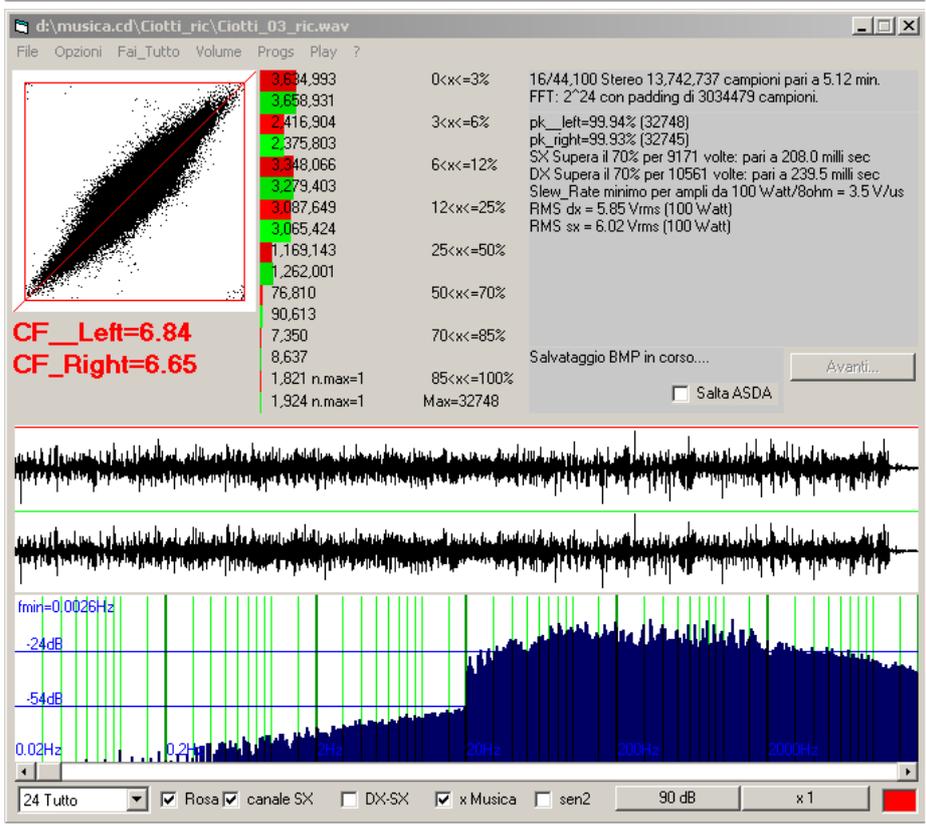
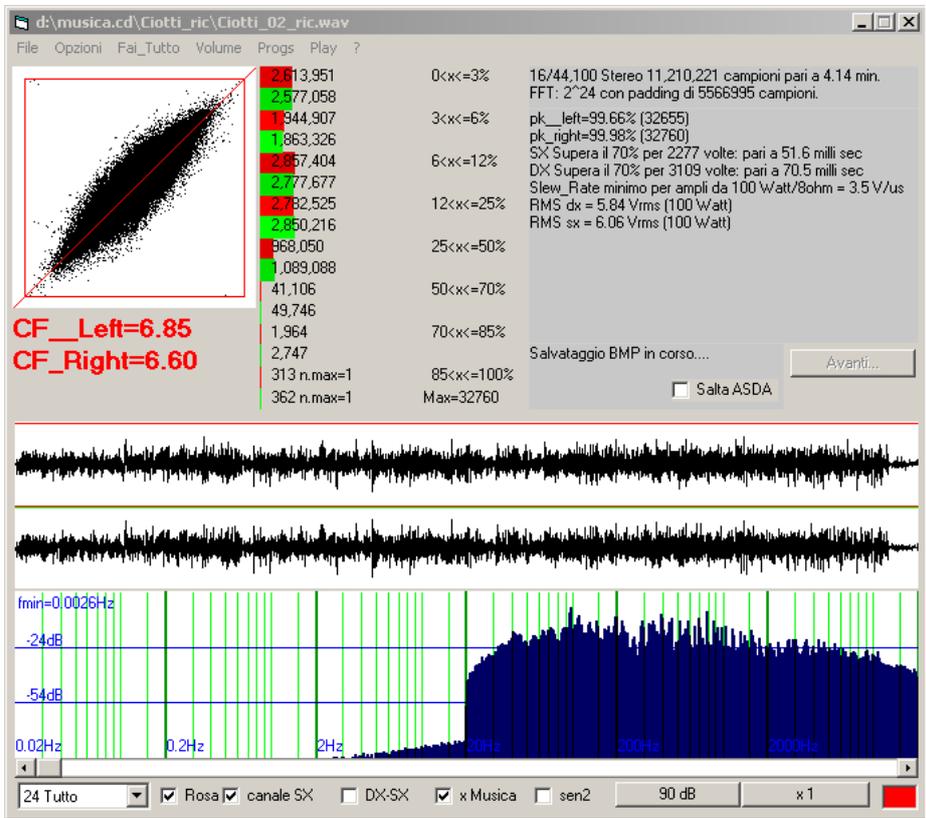
## Fattore di Cresta del segnale musicale Roberto Ciotti: "My Blues" ricondizionato

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.

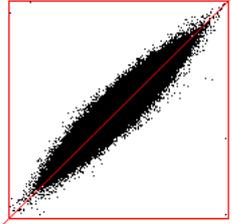
Traccia	Picco	FCresta	SlewRate
Ciotti_01_ric	32757	7.68	3.52
Ciotti_02_ric	32760	6.85	3.52
Ciotti_03_ric	32748	6.84	3.52
Ciotti_04_ric	32760	7.36	3.50
Ciotti_05_ric	32765	7.91	3.47
Ciotti_06_ric	32767	6.61	3.52 << min cf
Ciotti_07_ric	32681	12.67	3.42
Ciotti_08_ric	32592	10.93	0.80
Ciotti_09_ric	19621	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\_04\_ric.wav

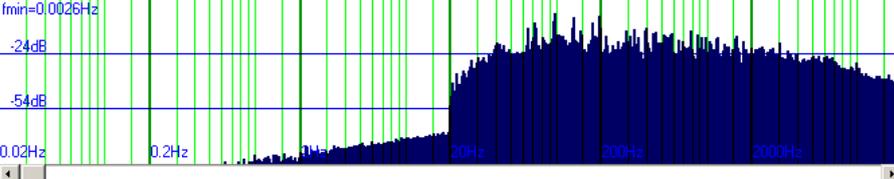
File Opzioni Fai\_Tutto Volume Progs Play ?



**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

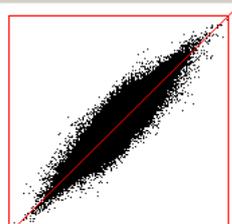




24 Tutto  Rosa  canale SX  DX-SX  x Musica  sen2 90 dB x 1

d:\musica.cd\Ciotti\_ric\Ciotti\_05\_ric.wav

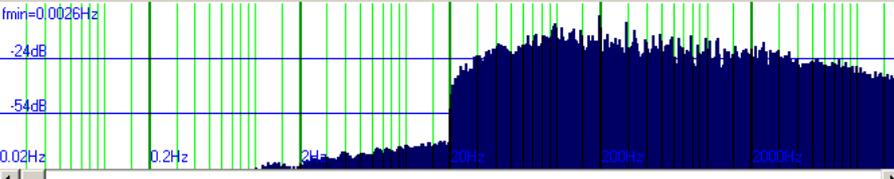
File Opzioni Fai\_Tutto Volume Progs Play ?



**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

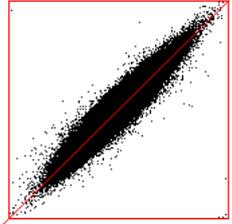




24 Tutto  Rosa  canale SX  DX-SX  x Musica  sen2 90 dB x 1

d:\musica.cd\Ciotti\_ric\Ciotti\_06\_ric.wav

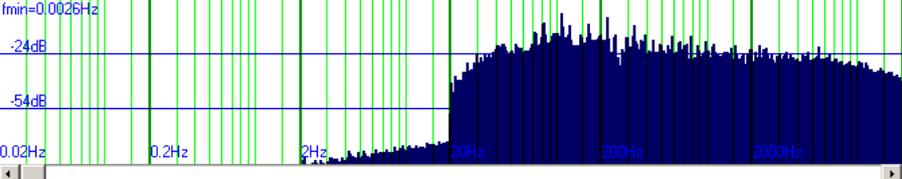
File Opzioni Fai\_Tutto Volume Progs Play ?



**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.
11996,222		FFT: 2^24 con padding di 6795327 campioni.
11731,469	3<x<=6%	pk__left=99.96% (32756)
11686,872		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		
2,758	70<x<=85%	
3,418		
449 n.max=2	85<x<=100%	Salvataggio BMP in corso...
570 n.max=1	Max=32767	<input type="checkbox"/> Salta ASDA <input type="button" value="Avanti..."/>

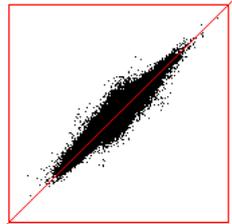




24 Tutto  Rosa  canale SX  DX-SX  x Musica  sen2 90 dB x 1

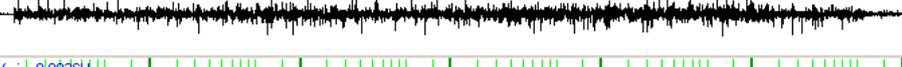
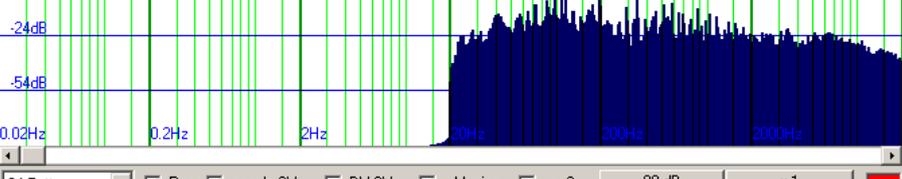
d:\musica.cd\Ciotti\_ric\Ciotti\_07\_ric.wav

File Opzioni Fai\_Tutto Volume Progs Play ?

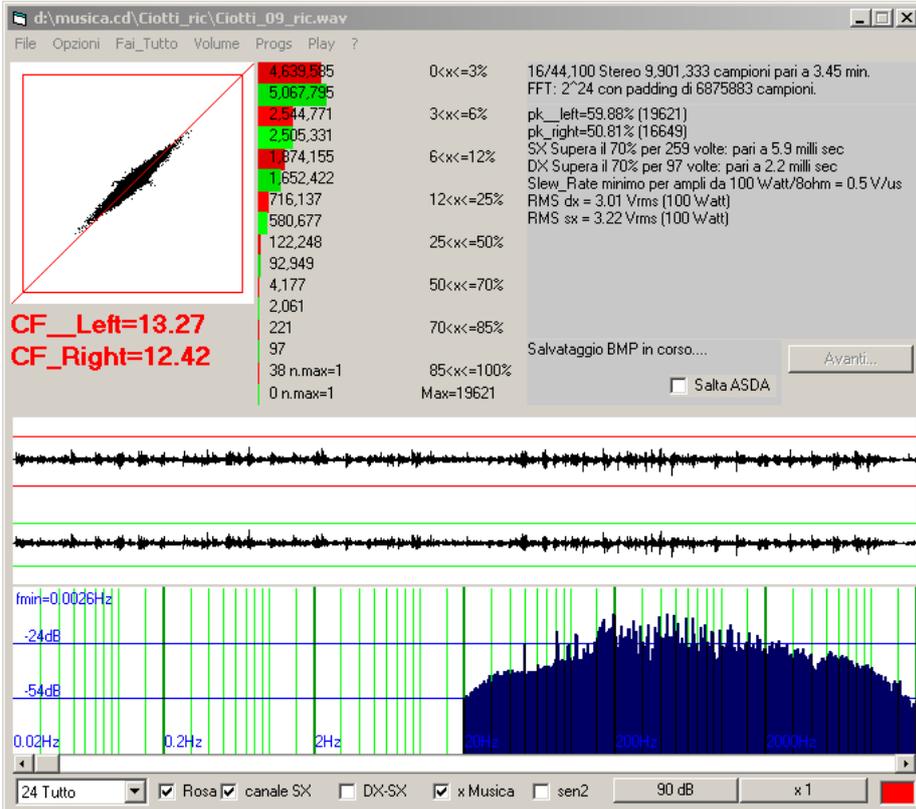
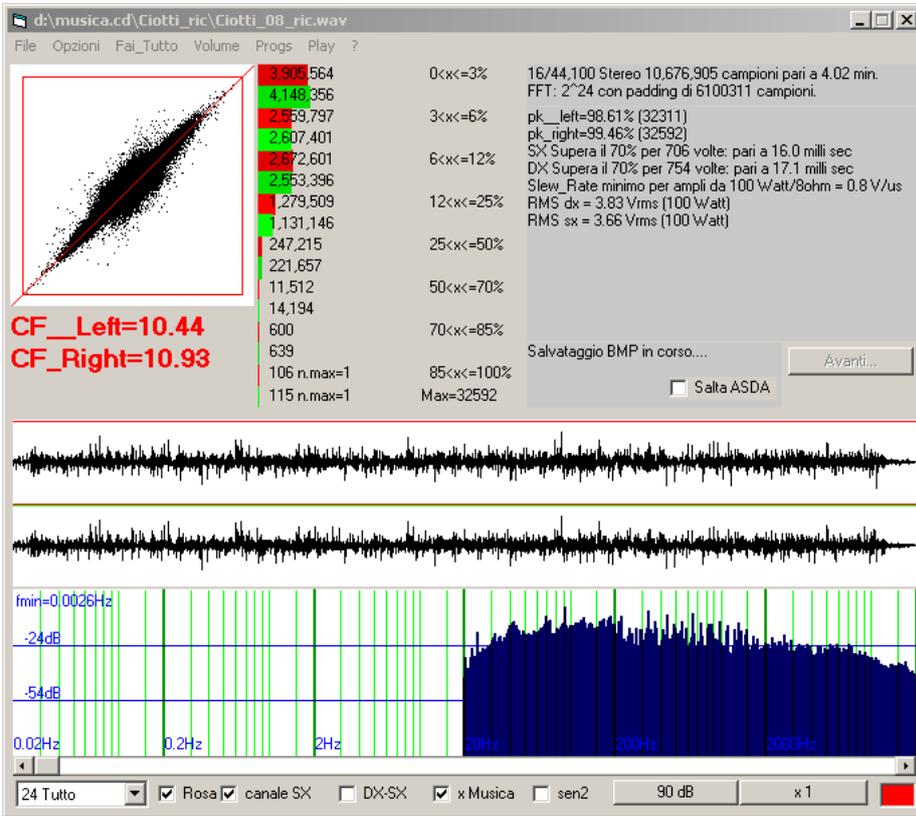


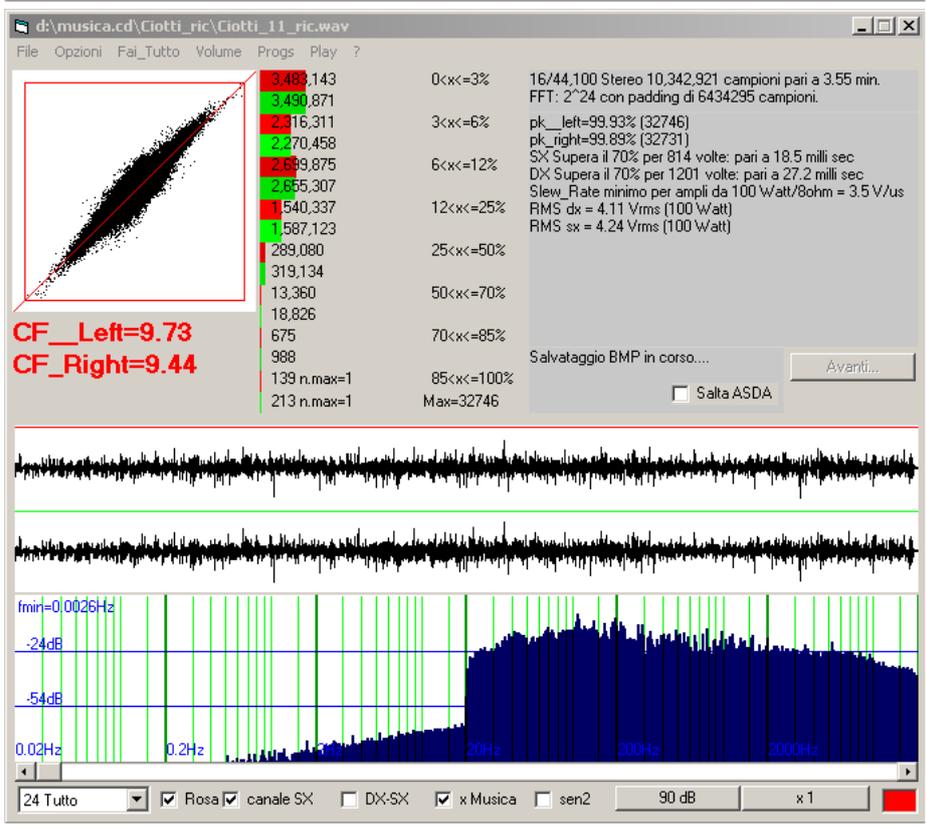
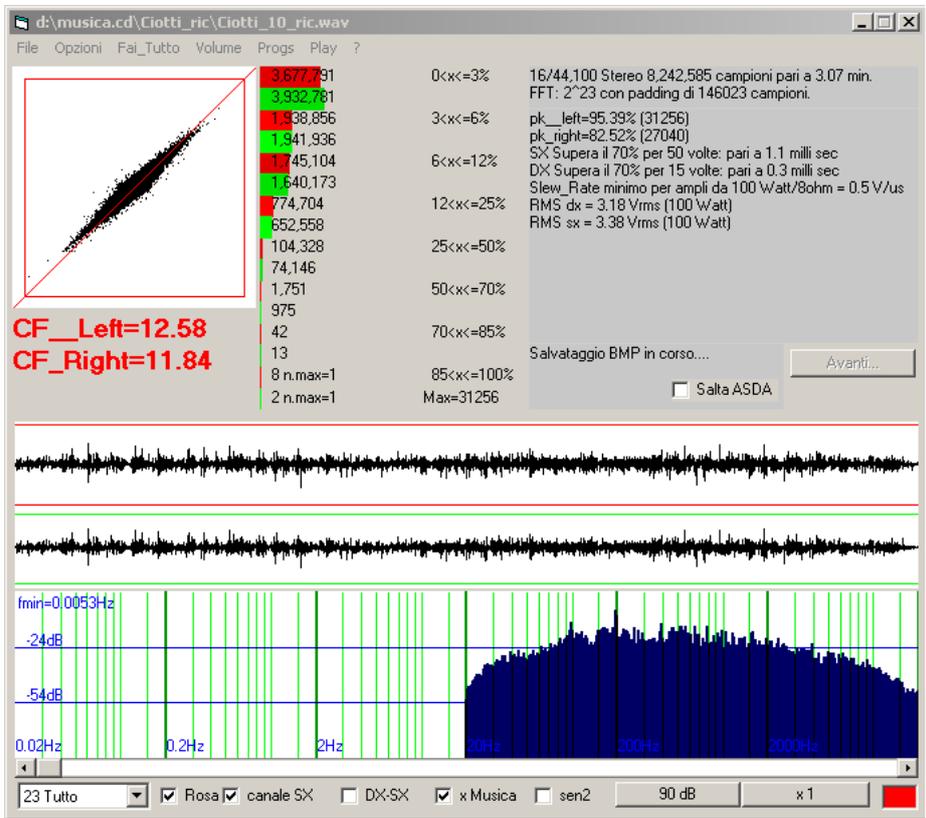
**CF\_Left=11.89**  
**CF\_Right=12.67**

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		
92	70<x<=85%	
54		
19 n.max=1	85<x<=100%	Salvataggio BMP in corso...
9 n.max=1	Max=32681	<input type="checkbox"/> Salta ASDA <input type="button" value="Avanti..."/>

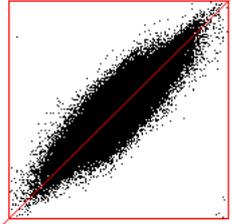
24 Tutto  Rosa  canale SX  DX-SX  x Musica  sen2 90 dB x 1





d:\musica.cd\Ciotti\_ric\Ciotti\_12\_ric.wav

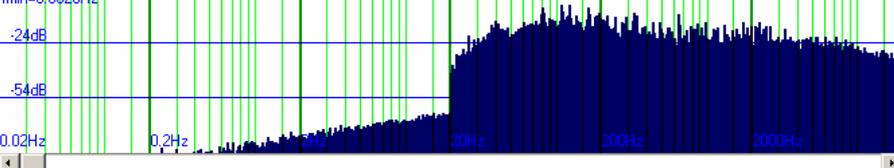
File Opzioni Fai\_Tutto Volume Progs Play ?



CF\_Left=6.83  
CF\_Right=6.88

2796,727	0<x<=3%	16/44,100 Stereo 12,046,357 campioni pari a 4.33 min.
2928,108		FFT: 2^24 con padding di 4730859 campioni.
2163,248	3<x<=6%	pk_left=100.00% (32767)
2202,703		pk_right=99.86% (32722)
3108,739	6<x<=12%	SX Supera il 70% per 6234 volte: pari a 141.4 milli sec
3058,067		DX Supera il 70% per 5962 volte: pari a 135.2 milli sec
2896,929	12<x<=25%	Slew_Rate minimo per ampli da 100 Watt/Bohm = 3.5 V/us
2770,994		RMS dx = 5.86 Vrms (100 Watt)
1,013,849	25<x<=50%	RMS sx = 5.82 Vrms (100 Watt)
1,010,619		
60,630	50<x<=70%	
59,903		Salvataggio BMP in corso...
5,184	70<x<=85%	Avanti...
5,154		
1,050 n.max=1	85<x<=100%	<input type="checkbox"/> Salta ASDA
808 n.max=1	Max=32767	

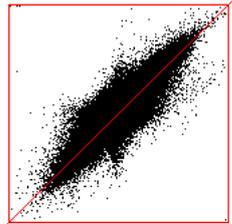




24 Tutto  Rosa  canale SX  DX-SX  x Musica  sen2 90 dB x 1

d:\musica.cd\Ciotti\_ric\Ciotti\_13\_ric.wav

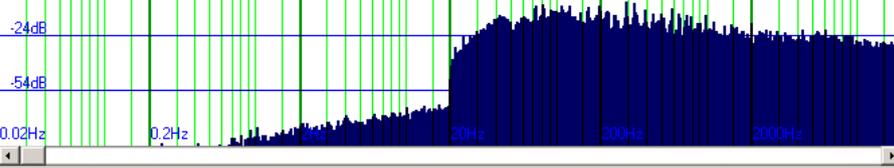
File Opzioni Fai\_Tutto Volume Progs Play ?



CF\_Left=9.01  
CF\_Right=8.70

5890,398	0<x<=3%	16/44,100 Stereo 17,653,525 campioni pari a 6.40 min.
5965,806		FFT: 2^25 con padding di 15900907 campioni.
3862,042	3<x<=6%	pk_left=99.99% (32766)
3812,959		pk_right=99.98% (32761)
4356,907	6<x<=12%	SX Supera il 70% per 1944 volte: pari a 44.1 milli sec
4225,477		DX Supera il 70% per 2729 volte: pari a 61.9 milli sec
2814,037	12<x<=25%	Slew_Rate minimo per ampli da 100 Watt/Bohm = 3.5 V/us
2809,195		RMS dx = 4.44 Vrms (100 Watt)
697,727	25<x<=50%	RMS sx = 4.60 Vrms (100 Watt)
793,915		
30,469	50<x<=70%	
43,443		Salvataggio BMP in corso...
1,541	70<x<=85%	Avanti...
2,233		
403 n.max=1	85<x<=100%	<input type="checkbox"/> Salta ASDA
496 n.max=1	Max=32766	





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

d:\musica.cd\Ciotti\_ric\Ciotti\_14\_ric.wav

File Opzioni Fai\_Tutto Volume Progs Play ?

**CF\_Left=7.25**  
**CF\_Right=6.97**

2,801,953	0<x<=3%	16/44,100 Stereo 11,883,481 campioni pari a 4.29 min. FFT: 2^24 con padding di 4893735 campioni.
2,746,295		
2,194,440	3<x<=6%	pk_left=99.92% (32742) pk_right=99.88% (32729)
2,137,568		
3,186,467	6<x<=12%	SX Supera il 70% per 3088 volte: pari a 70.0 milli sec DX Supera il 70% per 3519 volte: pari a 79.8 milli sec
3,104,604		
2,816,032	12<x<=25%	Slew_Rate minimo per ampli da 100 Watt/8ohm = 3.5 V/us
2,881,606		
841,377	25<x<=50%	RMS dx = 5.52 Vrms (100 Watt) RMS sx = 5.74 Vrms (100 Watt)
963,449		
40,123	50<x<=70%	
46,439		
2,655	70<x<=85%	
3,084		
433 n.max=1	85<x<=100%	Salvataggio BMP in corso... <input type="button" value="Avanti..."/>
435 n.max=1	Max=32742	<input type="checkbox"/> Salta ASDA

fmir=0 0026Hz

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

d:\musica.cd\Ciotti\_ric\Ciotti\_15\_ric.wav

File Opzioni Fai\_Tutto Volume Progs Play ?

**CF\_Left=9.86**  
**CF\_Right=8.77**

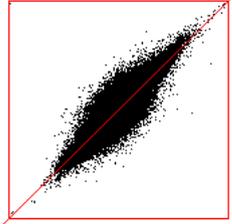
4,259,934	0<x<=3%	16/44,100 Stereo 13,820,353 campioni pari a 5.13 min. FFT: 2^24 con padding di 2956863 campioni.
4,329,685		
3,259,268	3<x<=6%	pk_left=98.76% (32361) pk_right=90.89% (29784)
3,249,187		
3,875,377	6<x<=12%	SX Supera il 70% per 316 volte: pari a 7.2 milli sec DX Supera il 70% per 428 volte: pari a 9.7 milli sec
3,741,070		
2,037,507	12<x<=25%	Slew_Rate minimo per ampli da 100 Watt/8ohm = 0.5 V/us
2,034,046		
378,171	25<x<=50%	RMS dx = 4.06 Vrms (100 Watt) RMS sx = 4.56 Vrms (100 Watt)
450,081		
9,779	50<x<=70%	
15,855		
297	70<x<=85%	
407		
19 n.max=1	85<x<=100%	Salvataggio BMP in corso... <input type="button" value="Avanti..."/>
21 n.max=1	Max=32361	<input type="checkbox"/> Salta ASDA

fmir=0 0026Hz

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

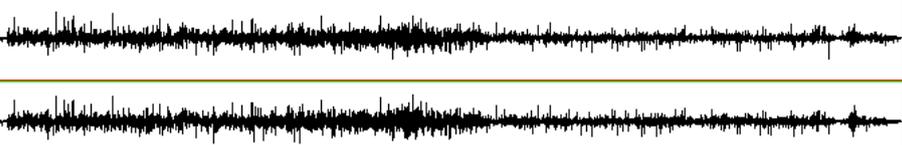
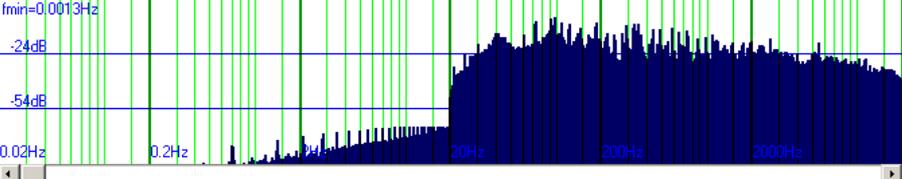
d:\musica.cd\Ciotti\_ric\Ciotti\_16\_ric.wav

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... <span style="float: right;">Avanti...</span>
431,802	Max=32728	<input type="checkbox"/> Salta ASDA
8,520		
13,625		
293		
483		
144 n.max=1		
141 n.max=1		

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