

# 6X Writing Compatibility

CDs 21 Solutions

Technical Working Group 1

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CDs 21 Solutions ソリューションズ

# Objective

- Confirm the compatibility between
- Writer , CD-R disc and CD-ROM drive.
- Writing Speed = 6X
- Keep the compatibility 6X writing.



# Participants

- Writer  
SANYO, TEAC, YAMAHA
- Disc  
Fuji, KODAK, Maxell, MCC, MCI, PVC,  
Ricoh, SKC, Taiyo Yuden, TDK
- CD-ROM drive and DVD-ROM drive  
Hitachi, Kyushu Matsushita, Matsushita Kotobuki,  
Mitsumi, NEC, Pioneer, Samsung,  
Shinano Kenshi, TEAC, TOSHIBA, Tottori Sanyo



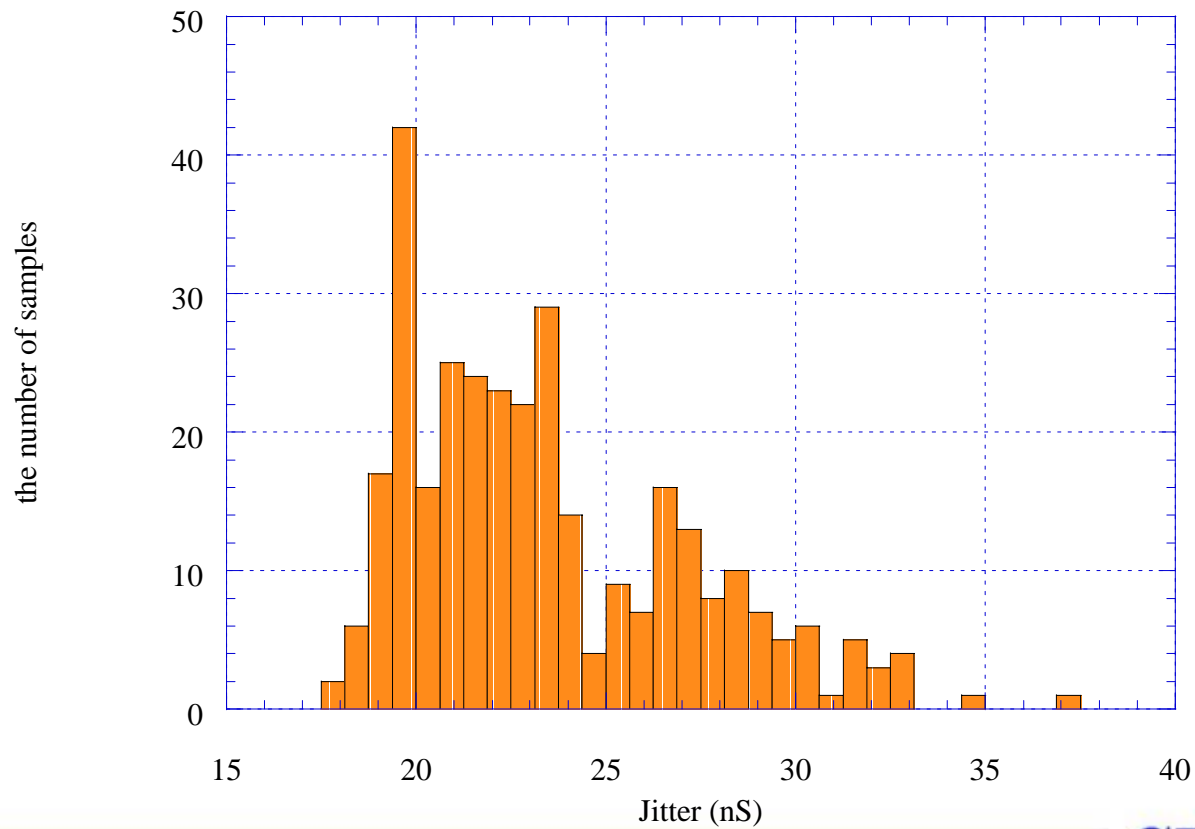
# TEST CONDITION

- Writing Speed = 6X
- CD-R disc ; 74min
- Contents ; Mixed mode
  - Tr. #1 : Data
  - Tr. #2 : audio
  - Tr. #3 : audio
  - Tr. #4 : audio
- Period of this test; 1998.12-2000.9

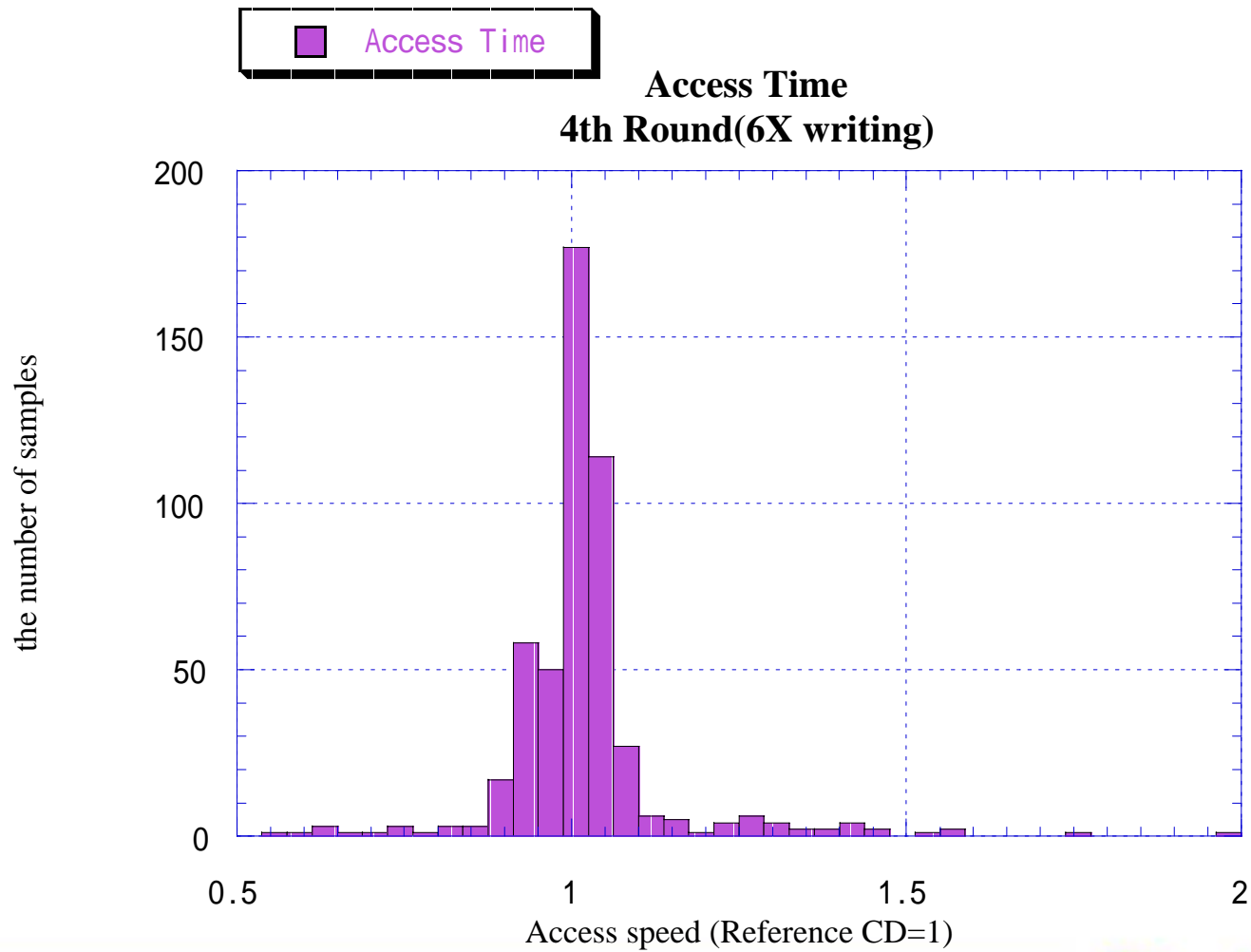


# Results (1)

4th Round (6X Writing)  
Pit Jitter



# Results (2)



# Results (3)

## Compatibility of playback

	CD-ROM drive				DVD-ROM			CD-RW	Combo
	24X	32X	40X	48X	24X	32X	40X	drive	drive
	24X	32X	40X	48X	24X	32X	40X	24X	24X
A									
B									
C									
D									
E									
F									
G									
H									
I									
J									
K									



# CONCLUSION

- Almost all CD-R discs which are written at 6X speed, are readable on 27 type drives.
- Jitter of almost all discs are lower than 35nS.
- Some CD-R discs are shown high access speed, and there were no problem at playback.

