

# 8X Writing Compatibility

CDs21 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 = 8X
- Keep the compatibility 8X writing.
- Period of this test; April, 2000-March, 2001



# Participants

- Writer

Matsushita Kotobuki, SANYO, Shinano Kenshi, SONY, TEAC, YAMAHA

- Disc

CMC, Fuji, KODAK, Maxell, Mitsubishi Chemical, Mitsui Chemicals, PVC, Ricoh, RiTEK, SKC, SONY, 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 = 8X
- CD-R disc ; 74min
- Contents ; Mixed mode

Tr. #1 : Data

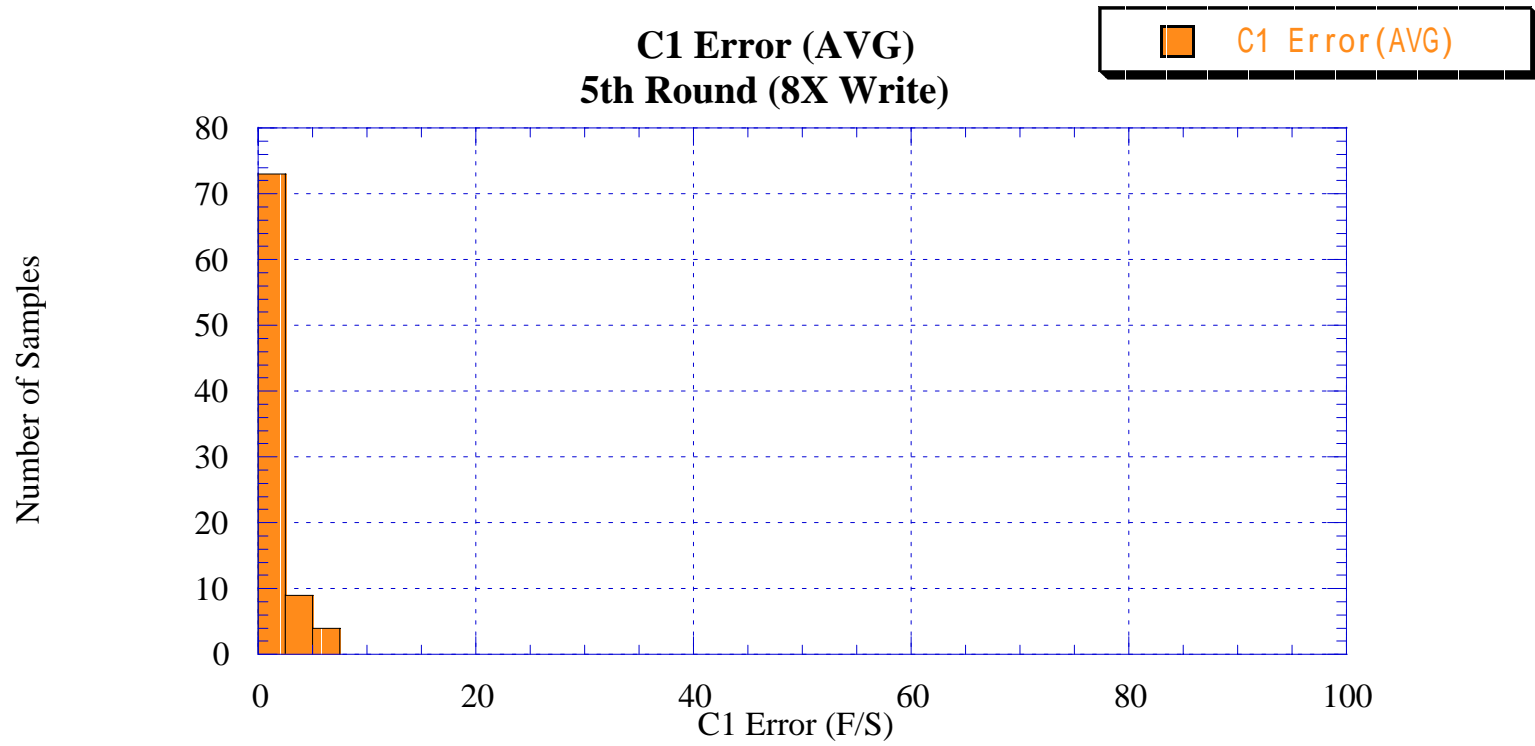
Tr. #2 : audio

Tr. #3 : audio

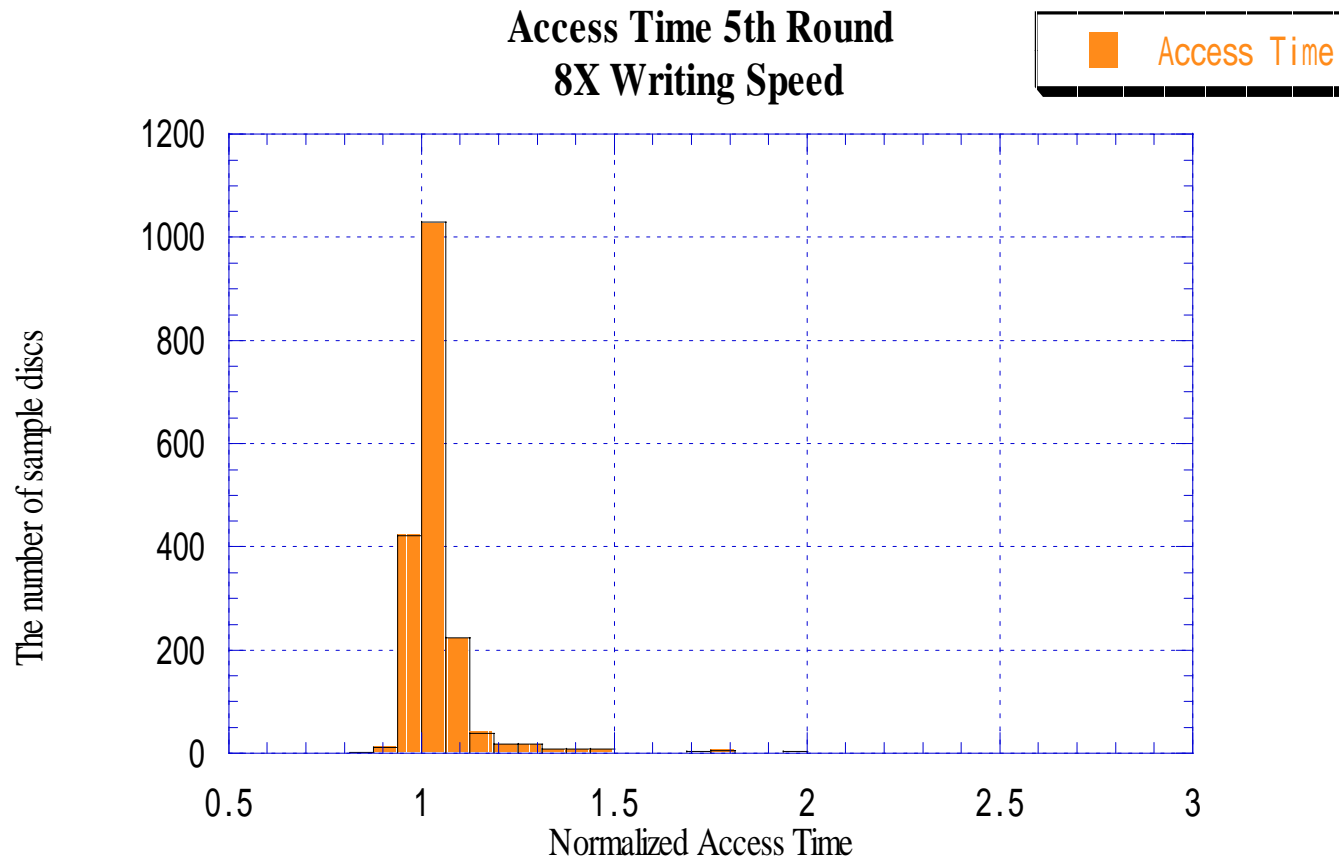
Tr. #4 : audio



# Result (1)



# Results (2)



# Results (3)

## Compatibility of playback

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



# CONCLUSION

- Almost all CD-R discs written at 8X speed are readable on 26 type drives.
- C1 Error of all discs is lower than 220F/S.
- Some CD-R discs show low access speed, but there are no problem at playback.

