



PWG2 Activity Report

'98/Apr./21

Philips/Ricoh

Compatibility test step 2.5 (1)

Status of step 2.5

- **Currently ongoing (Editing the whole result)**
- **Measurement process has done.**
 - Write on the media
 - Rodan measurement
 - CD-ROM drive read test

Compatibility test step 2.5 (2)

- **Kablau of Philips reported the Rodan results measured on all written media.**
 - (1)Low I3/I11 ratio due to the low tangential rim intensity of the Rodan player.
 - (2)Relatively high modulation and little bit poor WNR on media written by one of five writer companies.
 - (3)Poor jitter and too low WNR on media written by one of five writer companies. So a company products was urged to improve.
- **In general, excellent overall results were obtained. But, some margin may be needed for direct overwrite.**

Next Compatibility test step

Future compatibility testing

- Writer interchangeability test. Here, interchange of basic write and (logical) erase functions will be tested at simple track or session level. Philips presented a test plan with Ricoh at the last meeting. Target is to run this test in spring of this year.
- DOW testing is also considered as very important as it is missing from the compatibility studies carried out so-far. A DOW test of all media and writers is anticipated in summer of this year.
- A follow up of the tests carried out so-far with extension to 1X and 4X writing as will be described in OBIII V2.0 is planned for fall of this year.
- The Disc Handling Working Group will be requested to take up CD-RW read-out testing in the presence of defects.

step 2.5: conclusions

- low I3/I11 due to Rodan read-out
- high modulation on W7 writer
- poor jitter and WNR on W3 writer

Excellent overall results!