

SCRATCHES TEST DVD-ROM

For Checking DVD Drives, DVD Players and DVD Recorders TDR-821

1. Purpose of use, Features

TDR-821 is Scratches Test Disc designed for confirmation of various kinds of operation, evaluation, measurement and adjustment of DVD Drives, Players and Recorders. It is simulated scratches adhered on the surface of a disc

2. Specifications

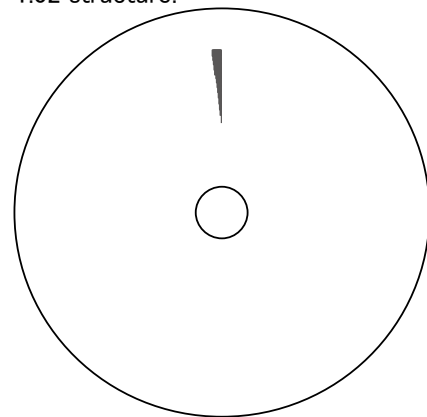
- Missing pieces of information by cuts and dents on the disc surface are simulated by processing scratches.
- Scratches are processed as staircase type from 0.4mm to 3.0mm width. It is available to check with respect to each 0.2mm step.
- TDR-820A is used as a material disc. Please refer to TDR-820A Product Introduction for basic parameters.
- Since it is used for various purposes, file system is not UDF 1.02 structure.

| PSN hex | LSN hex | Scratches width mm |
|---------------|---------------|--------------------|
| 30000~ 43A62 | 0~ 13A62 | None |
| 4C2C2~ 59659 | 1C2C2~ 29659 | 0.4 |
| 62835~ 6D22B | 32835~ 3D22B | 0.6 |
| 76CCB~ 820AD | 46CCB~ 520AD | 0.8 |
| 8C411~ 98214 | 5C411~ 68214 | 1.0 |
| A2E3E~ AF630 | 72E3E~ 7F630 | 1.2 |
| BA4BA~ C3729 | 8A4BA~ 93729 | 1.4 |
| CF355~ D6CF5 | 9F355~ A6CF5 | 1.6 |
| E2FDB~ EADC0 | B2FDB~ BADC0 | 1.8 |
| F5DF3~ FACBA | C5DF3~ CACBA | 2.0 |
| 106BE3~113644 | D6BE3~ E3644 | 2.2 |
| 120CD7~12CE71 | F0CD7~ FCE71 | 2.4 |
| 1390C2~143CA8 | 1090C2~113CA8 | 2.6 |
| 1521B9~1598B7 | 1221B9~1298B7 | 2.8 |
| 168401~1848DF | 138401~1548DF | 3.0 |
| 194000~25FFFF | 164000~22FFFF | None |

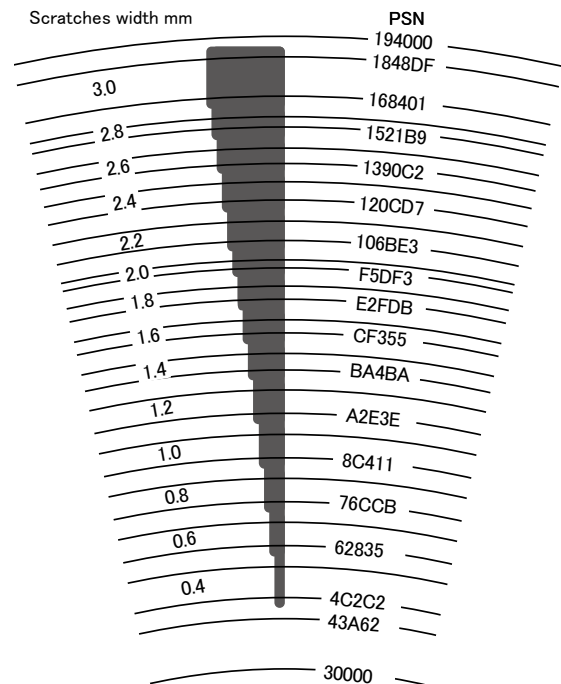
PSN = Physical Sector Number

LSN = Logical Sector Number

note) PSN, LSN addresses are design numerical values by calculating, actual value may differ.



Imaged figure of Scratches (Read-out surface)



Location of Scratches and PSN Addresses

Values in this sheet are measured by the equipments ALMEDIO-owned. Appearance and specifications are subject to change without notice.

<Proper handling of the disc>
Do not write on the surface with a pen and others, nor put a sticker on it.
Do not expose the disc to direct sunlight, nor leave it in the place of high temperature and high humidity.
After playing, store the disc in its own case.

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