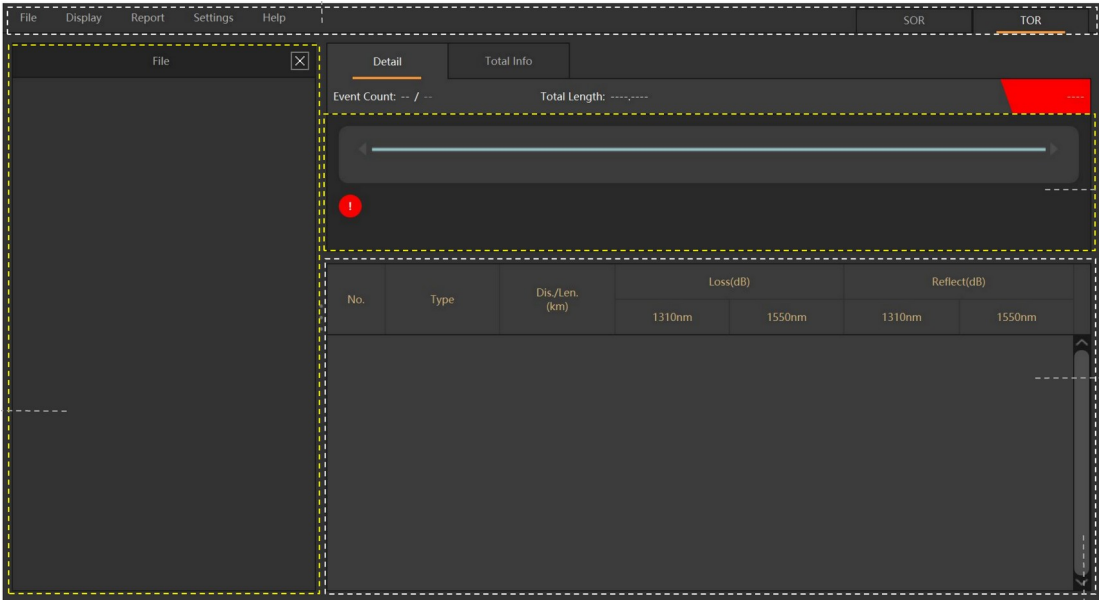




M10000743 / M10000668
Installation document PC software (TOR) OTDR TB-720, OPM/OLS/VFL,
Maunt



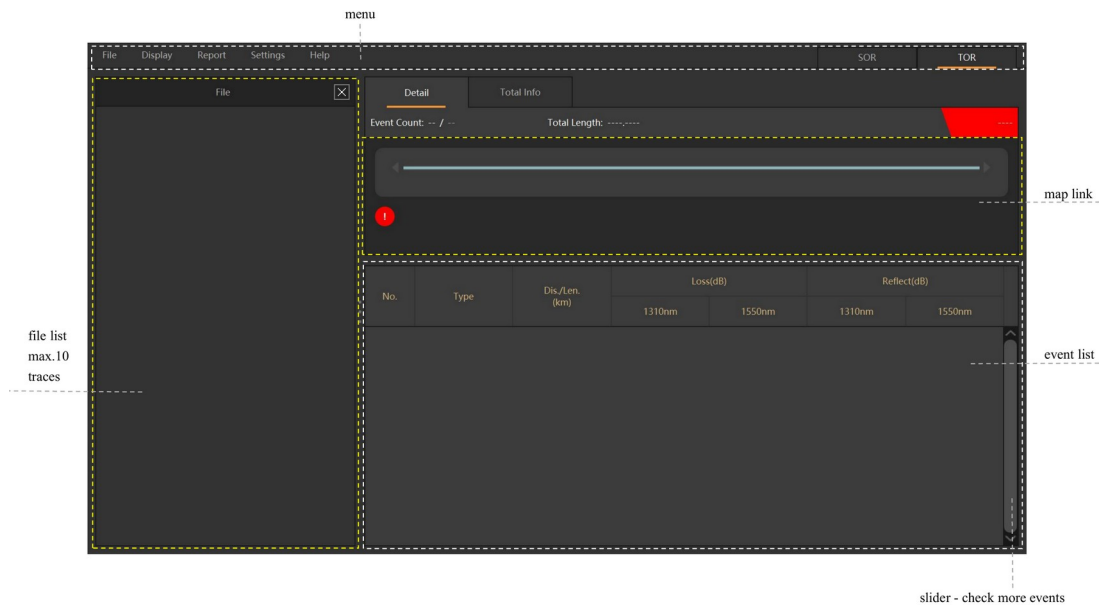
Description
Manual for the TOR part of the PC software “OTDR Assistant for PC” (OTDR PC Software Manual – TOR, version V0.2.8.2). With the software you open and view TOR measurement files (*.tor, max. 10 at a time) on the PC, with pass/fail assessment, map link, event list and total information, and you export or print reports in PDF format.

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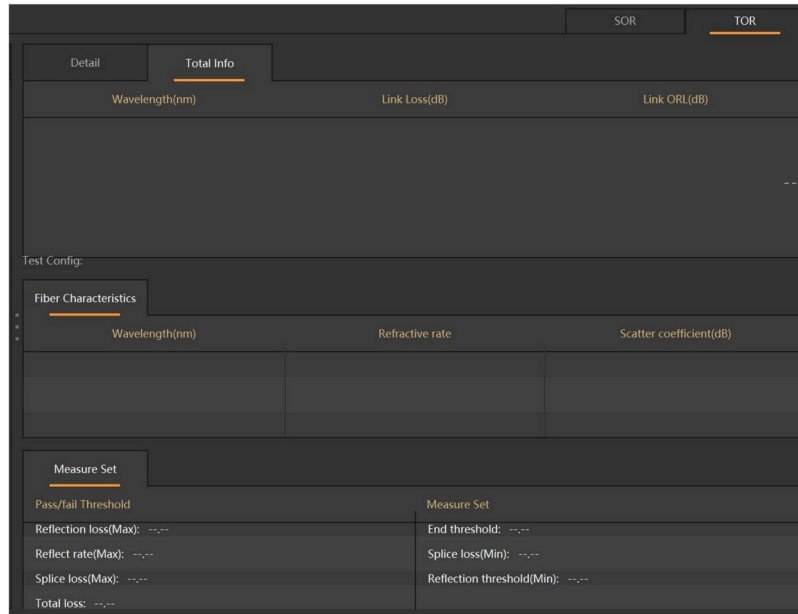
Main screen overview (TOR)



1. The TOR screen (TOR tab at the top right) consists of the following parts (see image):
 - Menu:** menu bar at the top (File, Display, Report, Settings, Help) and the SOR and TOR tabs.
 - File list:** file list on the left, max. 10 measurement results.
 - Map link:** event map at the top of the Detail tab.
 - Event list:** event list below the map link.
 - Slider:** scroll bar on the right to view more events.

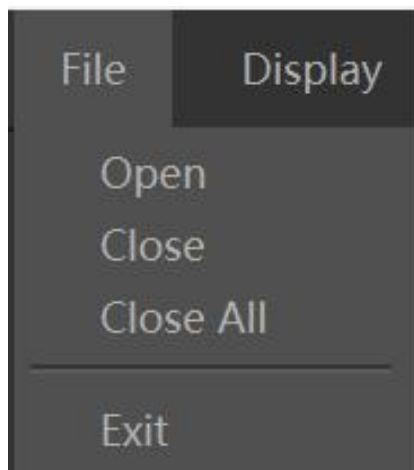


Main screen overview (TOR)



2. Total Info tab (total information): shows the loss (Link Loss) and ORL (Link ORL) of the link per wavelength. Test Config. shows the fibre characteristics (Fiber Characteristics: wavelength, refractive index and scatter coefficient) and the measurement settings (Measure Set): the pass/fail thresholds (max. reflection loss, max. reflect rate, max. splice loss, total loss) and the measurement settings (end threshold, min. splice loss, min. reflection threshold).

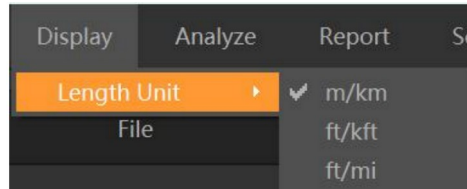
1. Menu



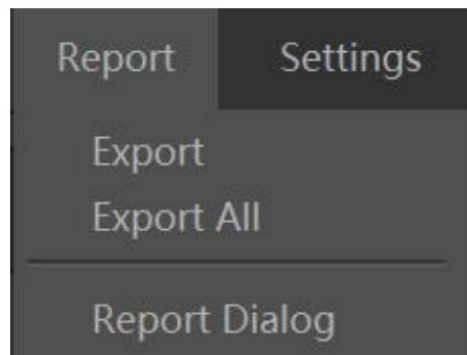
3. File menu:
 - Open:** open measurement files (max. 10 measurement results, *.tor). You can also open a folder and drag the files to the file list with the mouse.
 - Close:** close the selected files.
 - Close All:** close all files.
 - Exit:** close the program.



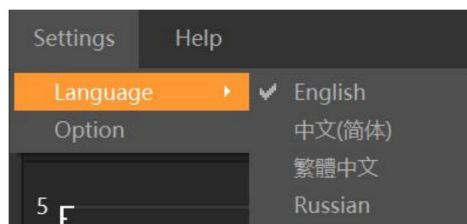
1. Menu



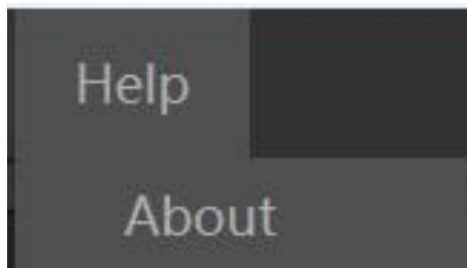
4. Display menu:
Length Unit: set the length unit to m/km, ft/kft or ft/mi.



5. Report menu:
Export: export a selected file.
Export All: export all files.
Report Dialog: open the report window (see chapter 3).

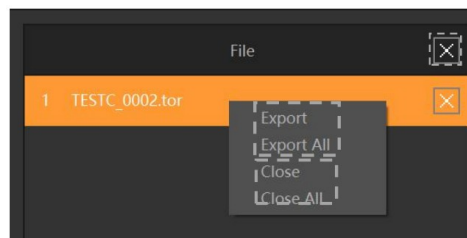


6. Settings menu:
Language: change the language here.
Option: set whether a confirmation window appears every time you close the program.



7. Help menu:
About: version information of the software.

2. File list



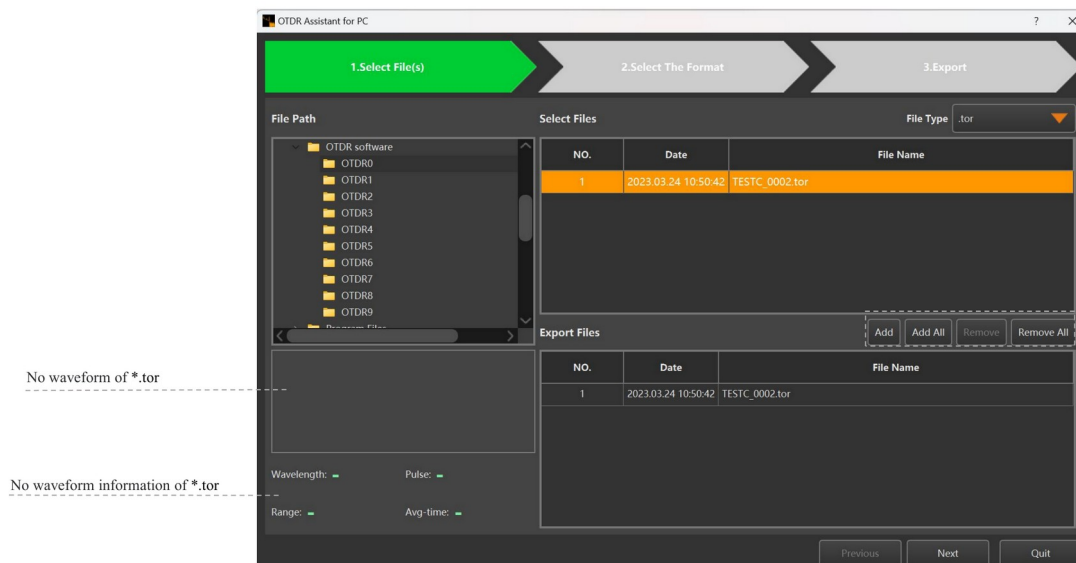
8. Closing files:
A. Close all: click "x" at the top right.
B. Close one file: click "x" after the file.
C. Right-click in the file list and choose "Close" or "Close All".

2. File list

9. Export/Export All: right-click the file list and choose Export or Export All to export one or more files.

3. Report

10. Open the report window via Report > Report Dialog to select files.



11. Adding export files (step 1. Select File(s)):

- A.** Hold down "Ctrl" or "Shift" to select multiple files in the Select Files or Export Files list. Click Add/Add All to add some or all files to the export list; click Remove/Remove All to remove some or all files from the export list.
 - B.** If there are files in the export list, change File Type and add more files; this allows "*.sor" and "*.tor" files to be exported together.
 - C.** Open a folder and drag the files to the export list; this also adds files.
- Note:** for *.tor files there is no preview of the trace and no measurement information (wavelength, pulse, range, averaging time) at the bottom left.

3. Report

The screenshot shows a software window for report generation with three steps: 1. Select File(s), 2. Select The Format, and 3. Export. Step 2 is active, showing four report format options:

- Multi-Page:** Each sor file generates a multi-page report, including detailed measurement information. A green checkmark is next to it. A 'Report format' dropdown menu is open, showing 'Standard' (selected) and 'Advanced' (disabled). Estimated consumption of 1 sheet(s) of A4 paper.
- Single-Page:** If <25 events, export under single-page report format, otherwise Multi-page report. A red dashed box indicates 'This format does not support for files, please return for reselection'. Estimated consumption of 1 sheet(s) of A4 paper.
- Single-Page Double:** Two reports in one A4 paper, including general testing information. A red dashed box indicates 'This format does not support for files, please return for reselection'. Estimated consumption of 1 sheet(s) of A4 paper.
- Single-Page Six-Ally:** Max. 6 reports in one A4 paper, including general testing information, which economize on paper. A red dashed box indicates 'This format does not support for files, please return for reselection'. Estimated consumption of 1 sheet(s) of A4 paper.

At the bottom, there are 'Previous', 'Next', and 'Quit' buttons. A note on the right side of the window states 'Not support *.tor files'.

12. Choosing the report format (step 2. Select The Format). You can get here in three ways:

- Click "Next" in the report window.
- Report menu > Export/Export All.
- File list > right-click > Export/Export All.

Format: for *.tor files only the PDF format Multi-Page is supported, with the choice of Standard or Advanced. Single-Page, Single-Page Double and Single-Page Six-Ally are not supported for *.tor files.



3. Report

Fiber ID		☒ Auto accumulate value
Fiber ID	abab	☒ Auto accumulate value
Fiber ID	一号光纤	☒ Auto accumulate value
Fiber ID	20	☒ Auto accumulate value
Fiber ID	cdcd	☐ Auto accumulate value

Preview		
No.	Fiber ID	File Name
1	0	TEST B_0019[1310nm 25ns](1).sor
2	1	TEST B_0020[1310nm 10ns].sor

Preview		
No.	Fiber ID	File Name
1	20	TEST B_0019[1310nm 25ns](1).sor
2	21	TEST B_0020[1310nm 10ns].sor

Preview		
No.	Fiber ID	File Name
1	cdcd	TEST B_0019[1310nm 25ns](1).sor
2	cdcd	TEST B_0020[1310nm 10ns].sor

13. Exporting (step 3. Export): choose the format and click “Next”. Then set the customer information with “Use following information”: the selected and entered information appears in all exported/printed reports.

Auto accumulate value on + number: the Fiber ID in the report starts at that number (e.g. 20 → 20, 21).

Auto accumulate value on + Chinese/English text or empty: the Fiber ID starts at 0.

Auto accumulate value off: the Fiber ID is the content actually entered (e.g. cdcd).

14. Choose “Use the file’s own information” to show the original information of the file in the report.

Export Option				
Report Name	TESTC_0002	☒ Follow source filename	Report Format	pdf
Export To	C:/Users/sales/Desktop	☒ Follow source file path		
Preview				
Fiber ID	File Name	Date	Report Name	Export Path
1	TESTC_0002.tor	2023.03.24 10.50.42	TESTC_0002.pdf	D:/OTDR software/OTDR0
1	TEST B_0019[1310nm 25ns](1).sor	2023.03.24 10.50.23	TEST B_0019[1310nm 25ns](1).pdf	D:/OTDR software/OTDR0
1	TEST B_0020[1310nm 10ns].sor	2023.03.24 10.50.36	TEST B_0020[1310nm 10ns].pdf	D:/OTDR software/OTDR0
Preview Print Export Previous Next Quit				

15. Export options (Export Option), with check boxes for “Follow source filename” and “Follow source file path”:

a) When exporting a single file, Follow source filename and Follow source file path are not shown.

b) With multiple files and Follow source filename checked, the report name is the same as the name of the sor/tor file.

c) With multiple files and Follow source file path checked, the report is saved in the location of the corresponding sor/tor file (see Export Path in the image).

d) Only the .pdf format can be exported.



3. Report

Export Option

Report Name: TESTC_0002 ☐ Follow source filename Report Format: pdf

Export To: C:/Users/sales/Desktop ☐ Follow source file path

Preview

Fiber ID	File Name	Date	Report Name	Export Path
1	TESTC_0002.sor	2023.03.24 10.50.42	TESTC_0002_0001.pdf	C:/Users/sales/Desktop
1	TEST B_0019[1310nm 25ns](1).sor	2023.03.24 10.50.23	TESTC_0002_0002.pdf	C:/Users/sales/Desktop
1	TEST B_0020[1310nm 10ns].sor	2023.03.24 10.50.36	TESTC_0002_0003.pdf	C:/Users/sales/Desktop

Buttons: Preview, Print, Export, Previous, Next, Quit

16. Export options without check marks:

Without Follow source filename, the report is given the name of the first file with _0001, _0002, etc.

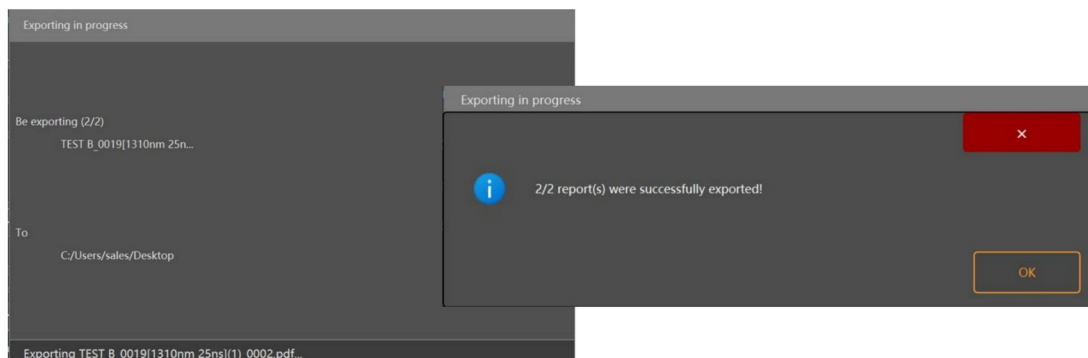
Without Follow source file path, the report is saved in the folder under "Export To" (see Export Path in the image).

No.	Fiber ID	File Name	Date	Report Name	Export
1		TEST B_0019[1310nm 25ns](1).sor	2023.03.24 10.50.23	TEST B_0019[1310nm 25ns](1)_0001.pdf	C:/Users/sales/Desktop
2		TEST B_0020[1310nm 10ns].sor	2023.03.24 10.50.36	TEST B_0019[1310nm 25ns](1)_0002.pdf	C:/Users/sales/Desktop

Buttons: Preview, Print, Export, Previous, Next, Quit

17. Viewing, printing and exporting the report:

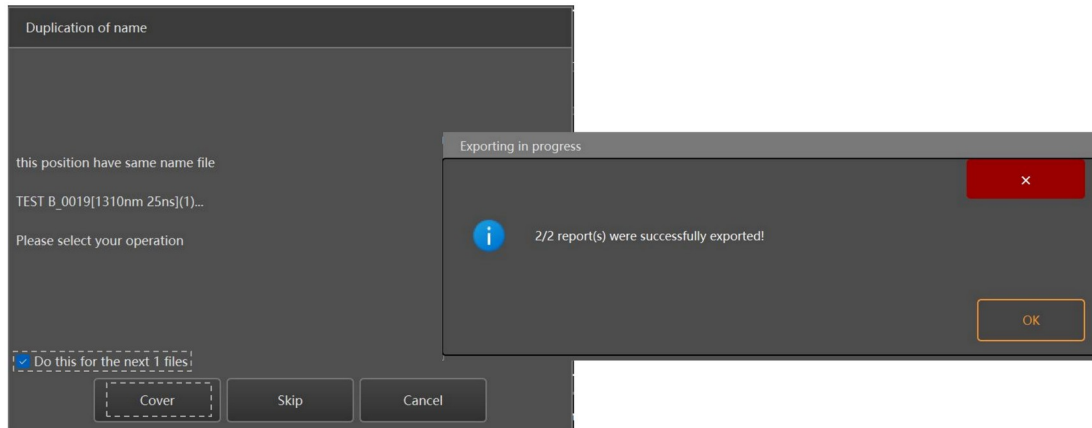
- Select a file in the Preview list and click Preview to see a preview.
- Click "Print" or the printer icon at the top right of the print preview. A print window appears; all reports in the Preview list are printed by default.
- Click "Export"; the "Exporting in progress" window appears.



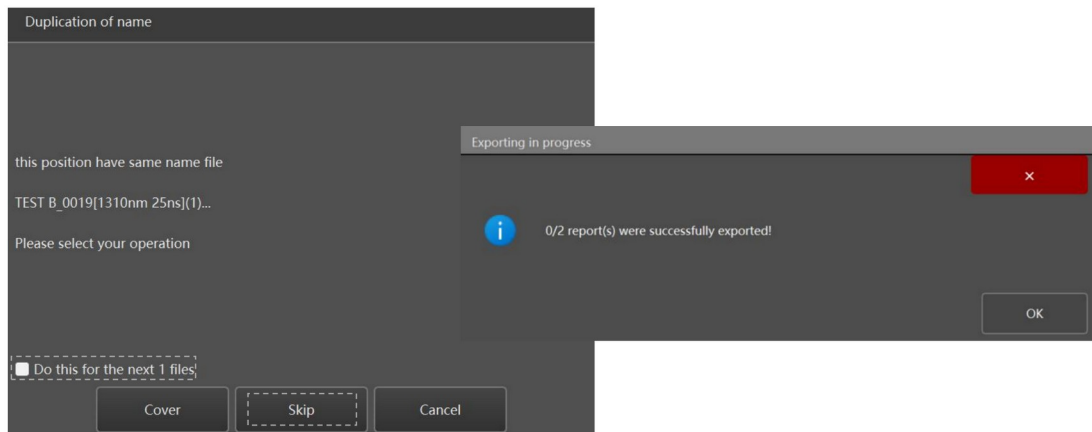
18. After exporting, the window with the export result appears. Check that the file has been exported correctly (e.g. "2/2 report(s) were successfully exported!") and click OK.



3. Report



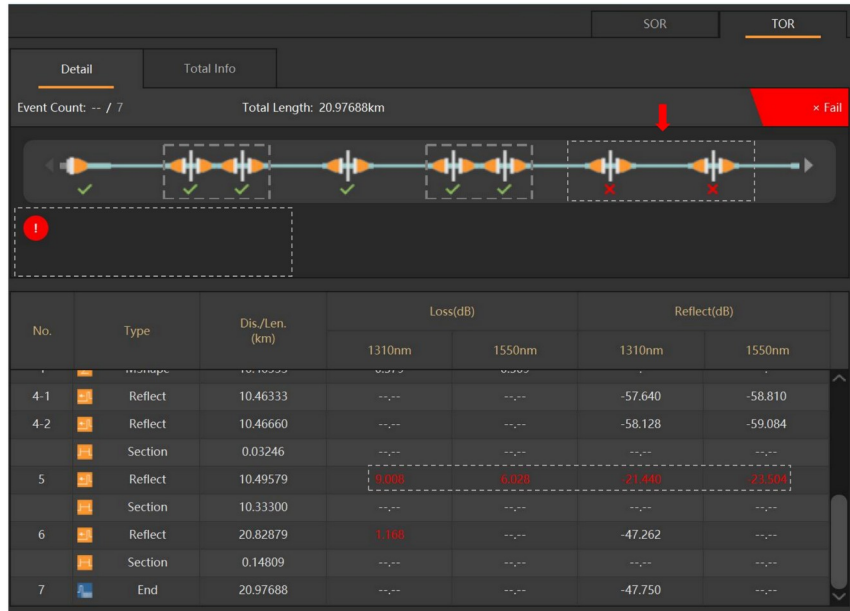
19. If a file with the same name already exists in the export folder, the “Duplication of name” window appears during export. Choose Cover (overwrite), Skip or Cancel. If “Do this for the next n files” is not checked, this window appears for each file and you have to confirm each time. If it is checked, all files are processed without repeated confirmation. The export result then appears.



20. Example with Skip: the files are skipped and the export result shows “0/2 report(s) were successfully exported!”.



4. Details



21. Viewing the measurement result on the Detail tab:

File details: pass/not pass assessment (top right, e.g. × Fail), the total number of events (Event Count) and the total length (Total Length).

Map link: click the left/right arrows to view all events if they do not all fit on the screen. A check mark means pass, a cross means not pass.

Event list: scroll up/down to view more events if they do not all fit on the screen.

Note: select a failed event in the map link or an event highlighted in red in the event list; an analysis of the cause of the deviation then appears below the map link.