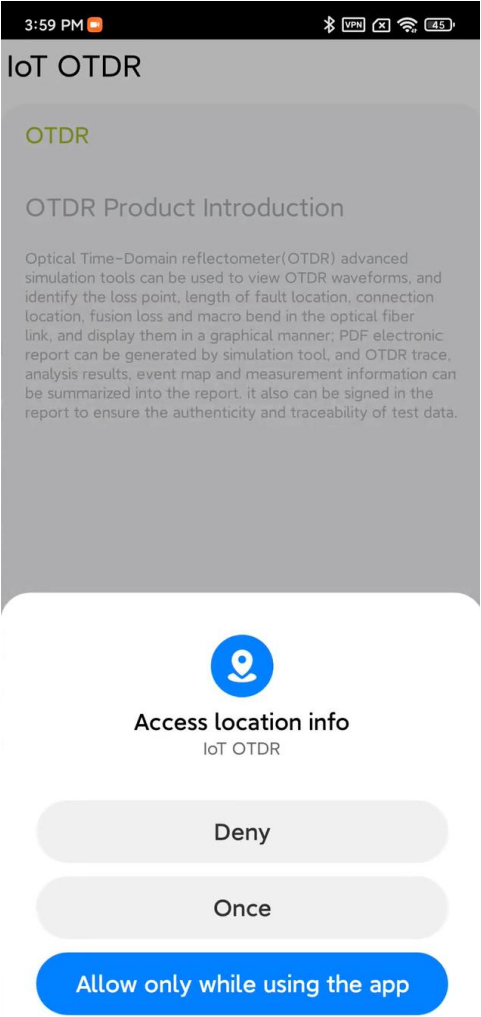
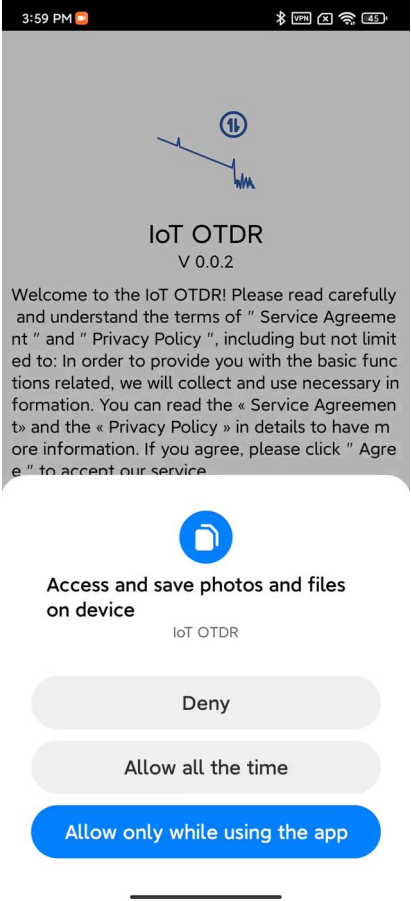
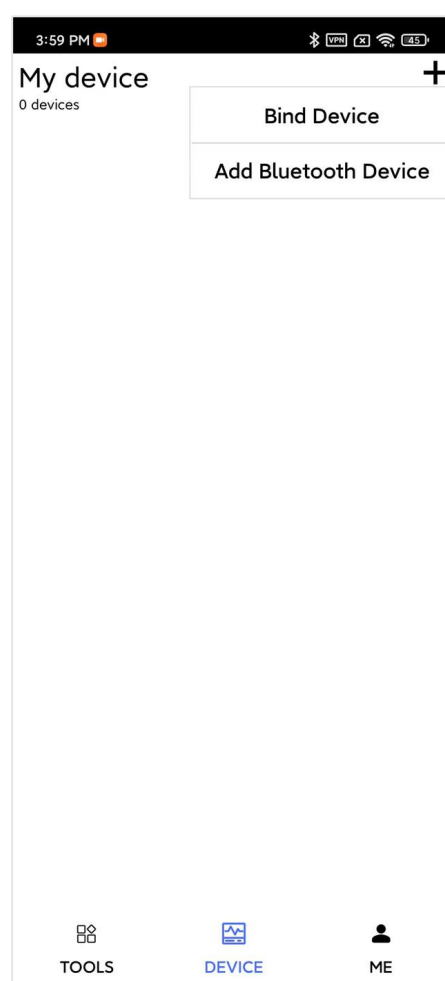
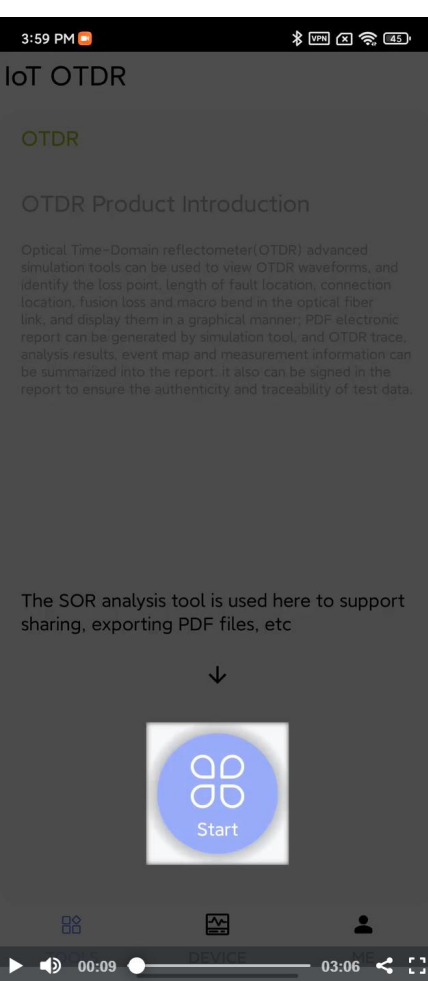


- 1 First of all, scan the QR code to download APK (IoT OTDR) and then install it into your mobile phone.

2 Tap the IoT OTDR application and then authorize the the application access your mobile phone photos and files.



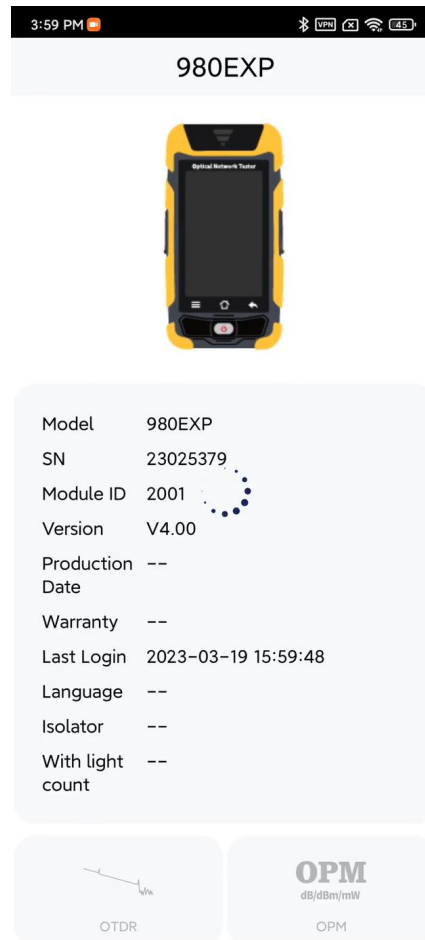
- 3 Agree manufacturer's Service Agreement and Privacy Policy
- 4 Authorize the application to use your location. This is for print map and GPS address in TEST Report that generated by this application.



5 Tap Start and the go to My Device. Tap “ **Add Bluetooth Device**”

Note: Do not Tap Blind Device.

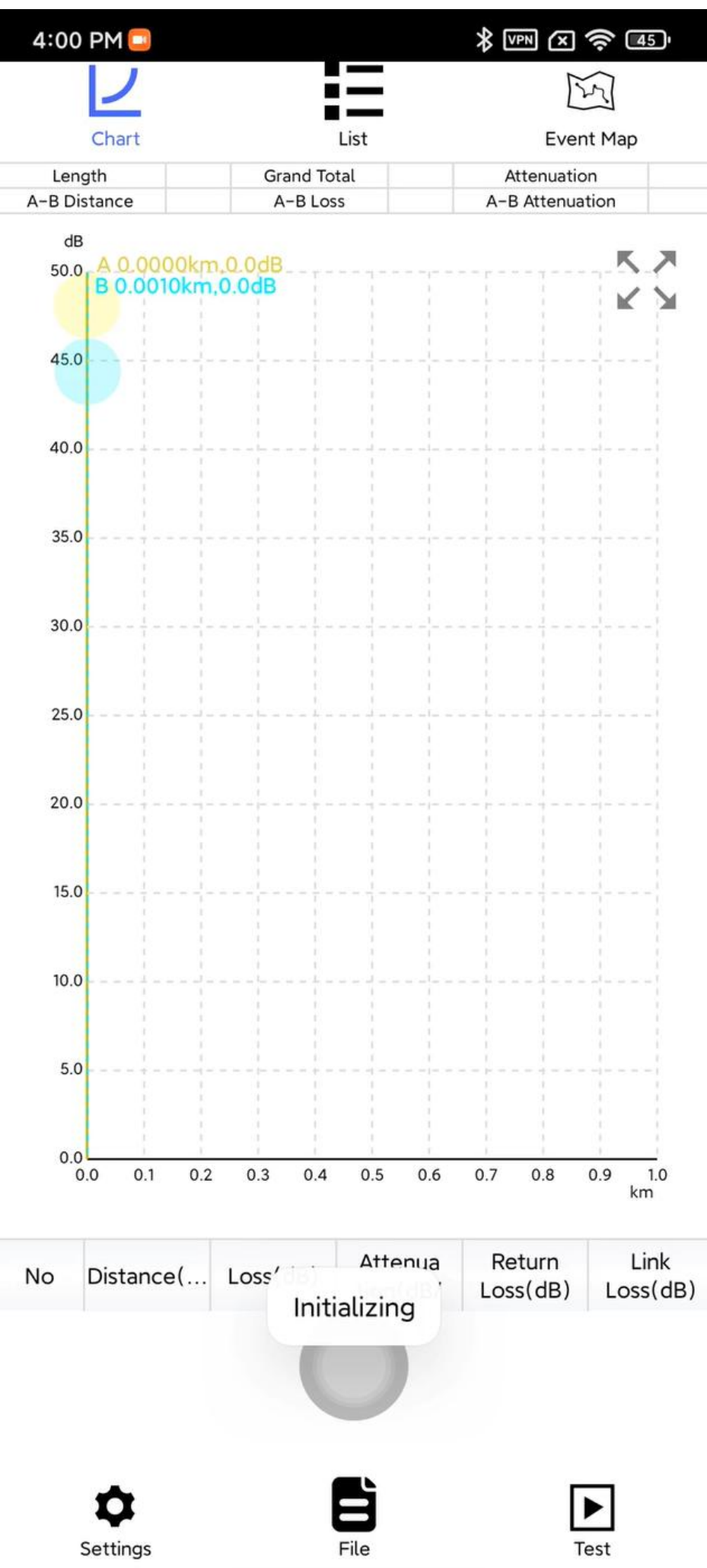
No need Register. If you are guided to a register address, please return. Register features is for other devices.



6 please be sure your OTDR is near your mobile phone and Bluetooth on your OTDR is turned on.

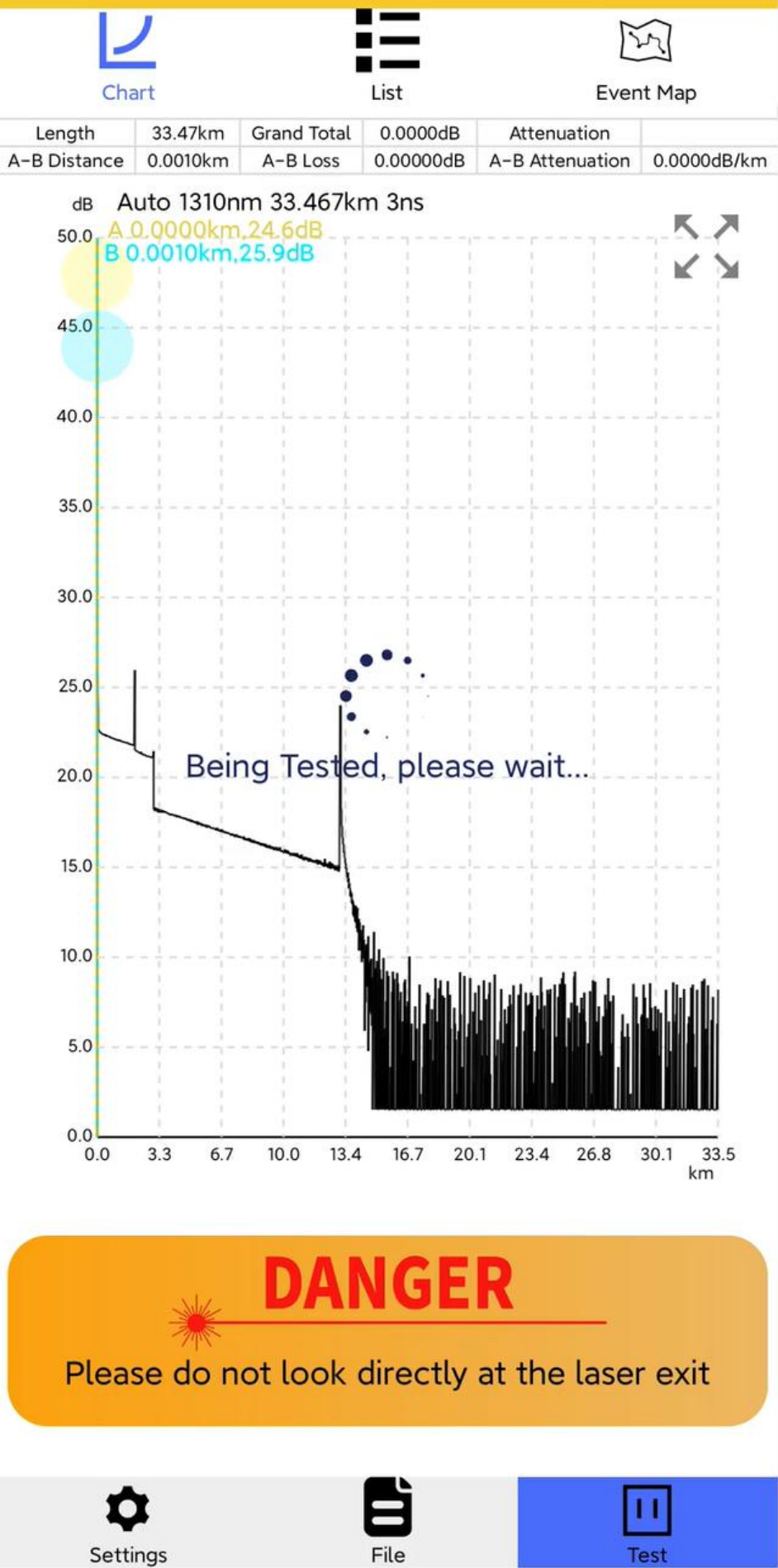
7 select the bluetooth point “980EXP” and then connected to the bluetooth point.

8 After connected to 980EXT OTDR, the 980EXT OTDR will be displayed on your mobile phone.



9 Tap OTDR icon, and then you can see the Curve Chart. And you can change to List or Event Map views by tap top icons.

FF_1310



10 Tap **Test** button at right botttom and wait for 5 seconds, you can see the trace.



Chart



List



Event Map

Test Condition

Test Mode	Auto
Wave Length	1310nm
Range	33.5km
Pulse Width	800ns
IOR	1.4677
Test Time	2023-03-19 16:00:23

Test Result

Length	13.06km		
Total Loss	7.51dB		
Average Loss	0.575dB/km		
Event Count	4	Pass	Fail

No	Type	Distanc...	Loss(dB)	Attenuati on(dB/	Return Loss(dB)	Link Loss(dB)
0/3		0.00000	0.0000	--	-52.6691	0.0000
		2.002	0.67	0.337	--	0.67
1/3		2.002	0.33	--	-45.1136	1.01
		1.011	0.39	0.381	--	1.39
2/3		3.013	2.78	--	-54.6909	4.17
		10.050	3.35	0.333	--	7.51

11 After testing finished, tap **List** button at top, you can see Event List of the trace tested just now.



Settings



File



Test

FF_1310(1)



Chart



List



Event Map



Event: START
Distance: 0.000km
Event Loss: --
Return Loss: -52.669dB
Link Loss: --

2.002km
0.337dB/km



Event: 1
Distance: 2.002km
Event Loss: 0.332dB
Return Loss: -45.114dB
Link Loss: 1.007dB

1.011km
0.381dB/km



Event: 2
Distance: 3.013km
Event Loss: 2.776dB
Return Loss: -54.691dB
Link Loss: 4.168dB

10.050km
0.333dB/km



Event: END
Distance: 13.063km



Settings

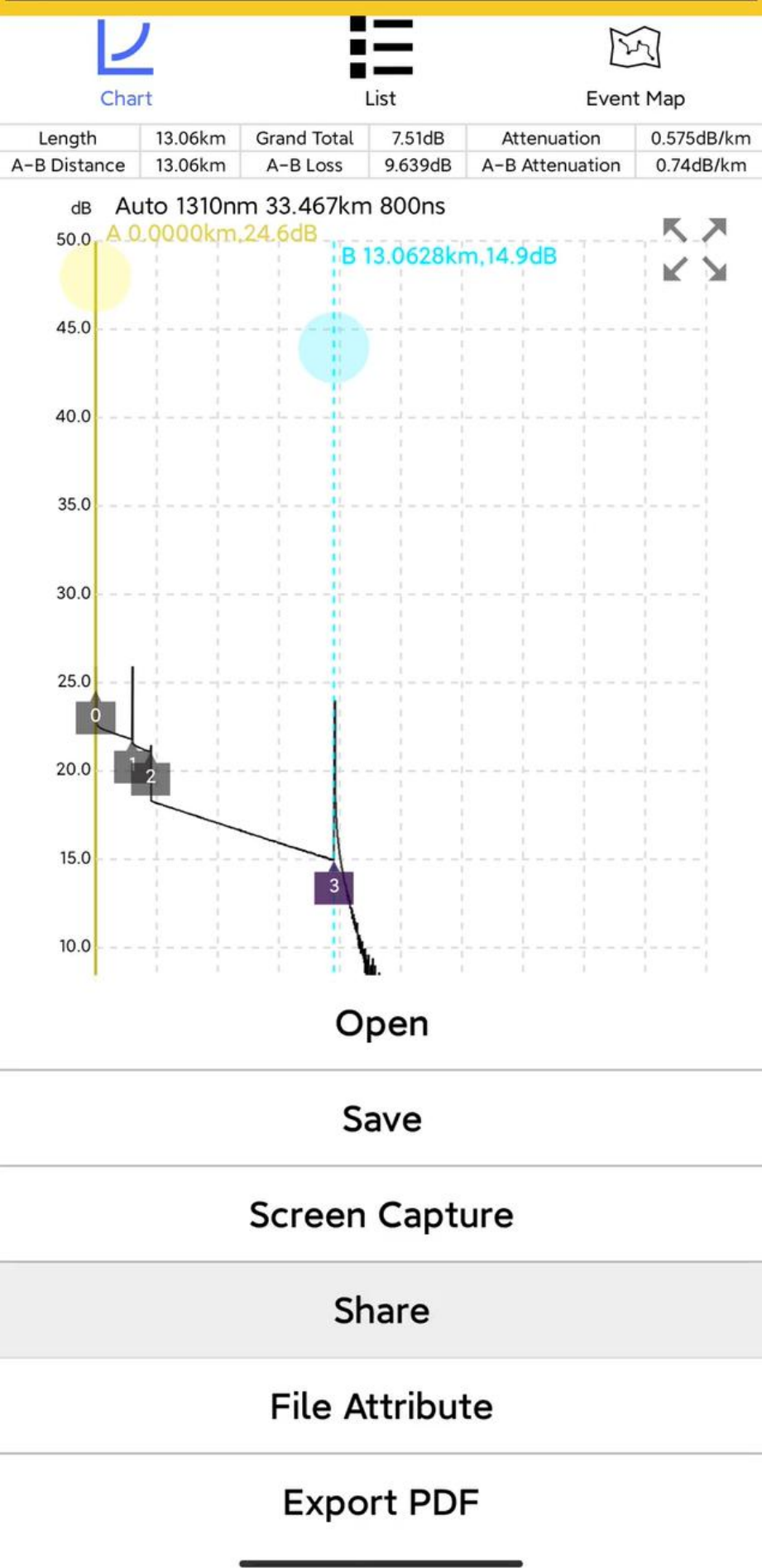


File



Test

12 Tap **Event Map** button at top, you can see Event Map of the trace tested just now.



13 Tap **File** button at buttom to call out menu

Fiber Information

Fiber Label

Fiber Code

Fiber Id

Fiber Type

Other

Start Position

End Position

Data Flag

Other

Operator

Conclusion



Save



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13 Tap **File Attribute** to add more information about your fiber cable

Report

Report Settings

Title OTDR Test Report

☒ Date

Job Information

☒ Enable File Information

☒ File name

☒ Label

☒ Operator

☒ Optical Cable ID

☒ Optical Cable Code

☒ Fibre-Optical ID

☒ Fibre-Optical Type

☒ Start Position

☒ End Position

☒ Direction

☒ Current Data Flag

☒ OTDR model

☒ Firmware Version

☒ Project Type

☒ Project ID

☒ GPS

☐ Note 1

☐ Note 2

Test Condition

☒ Use Test Condition

☒ Range

☒ Pulse Width

☒ Wave Length

☒ Test Mode

13 Tap **Export PDF** to configure
Test Report



Export



Signature



Back

Please hand your name

13 Tap **Signature** to write user's name that will be printed on TEST REPORT

Eric



Reset



Invoke



Save



Back



1

of 5



FF_1310(1).sor

IoT OTDR

OTDR Test Report

File name	FF_1310(1).sor	Label	2001
Operator	Eric	Optical Cable ID	FirstFiber
Optical Cable Code	01	Fibre-Optical ID	01/001
Fibre-Optical Type	Single-Mode Fiber	Start Position	China
End Position	Europe	Direction	A-B
Current Data Flag	Maintain	OTDR model	980EXP
Firmware Version	V4.00	Project Type	
Project ID		GPS	121.238196,31.037705

Test Condition

Range	33.5km
Pulse Width	800ns
Wave Length	1310nm
Test Mode	Auto
Test Time	15s
Ior	1.5
Attenuation	0
Pixel Pitch	2.0m

Analysis Condition

Event loss threshold	0.20dB
Return Loss Threshold	40.00dB
End Loss Threshold	10.00dB

Pass/Fail Decision Condition

Splices Loss	0.10dB
Return Loss	40.000000dB
Connector Loss	1.00dB
Average Loss	0.35dB
Total Loss	10.00dB
Splitter Loss(1*2)	4.2dB
Splitter Loss(1*4)	7.1dB
Splitter Loss(1*8)	10.2dB
Splitter Loss(1*16)	13.5dB
Splitter Loss(1*32)	16.5dB
Splitter Loss(1*64)	20.5dB

Test Result

Total Distance	13.0628km
Total Loss	7.51dB
Total Return Loss	187.15dB
Total Event	4
Data Size	16384
Test Time	2023-03-19 16:00:23
Conclusion	Good

Marker

A-B Distance	13.06km
A-B Loss	9.639dB
A-B Average loss	0.00000dB/km
A Location	0.0000km
A Power	24.57dB
B Location	13.06km
B Power	14.93dB

IoT-OTDR.com

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14 Tap **EXPORT** button, you can see OTDR test report in PDF

FF_1310(1).sor

IoT OTDR

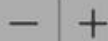
No	Type	Distancekm	LossdB	AttenuationdB/km	Return LossdB	Link LossdB
0/3		0.0000	0.0000	--	-52.6691	0.0000
		2.002	0.67	0.337	--	0.67
1/3		2.002	0.33	--	-45.1136	1.01
		1.011	0.39	0.381	--	1.39
2/3		3.013	2.78	--	-54.6909	4.17
		10.050	3.35	0.333	--	7.51
3/3		13.063	0.0000	--	-34.6735	7.51





1

of 5



FF_1310(1).sor

OTDR Test Report

File name	FF_1310(1).sor	Label	2001
Operator	Eric	Optical Cable ID	FirstFiber
Optical Cable Code	01	Fibre-Optical ID	01/001
Fibre-Optical Type	Single-Mode Fiber	Start Position	China
End Position	Europe	Direction	A-B
Current Data Flag	Maintain	OTDR model	980EXP
Firmware Version	V4.00	Project Type	
Project ID		GPS	121.238196,31.037705

Test Condition

Range	33.5km
Pulse Width	800ns
Wave Length	1310nm
Test Mode	Auto
Test Time	15s
Ior	1.5
Attenuation	0
Pixel Pitch	2.0m

Analysis Condition

Event loss threshold	0.20dB
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Splitter Loss(1*16)	13.5dB
Splitter Loss(1*32)	16.5dB
Splitter Loss(1*64)	20.5dB

15 you can share the OTDR test report by other applications

Share To



Mail



Mi Printing



Bluetooth



Add to favorites



Alipay



Alipay Scanner



Feedback



Kuaishou



Cancel