

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

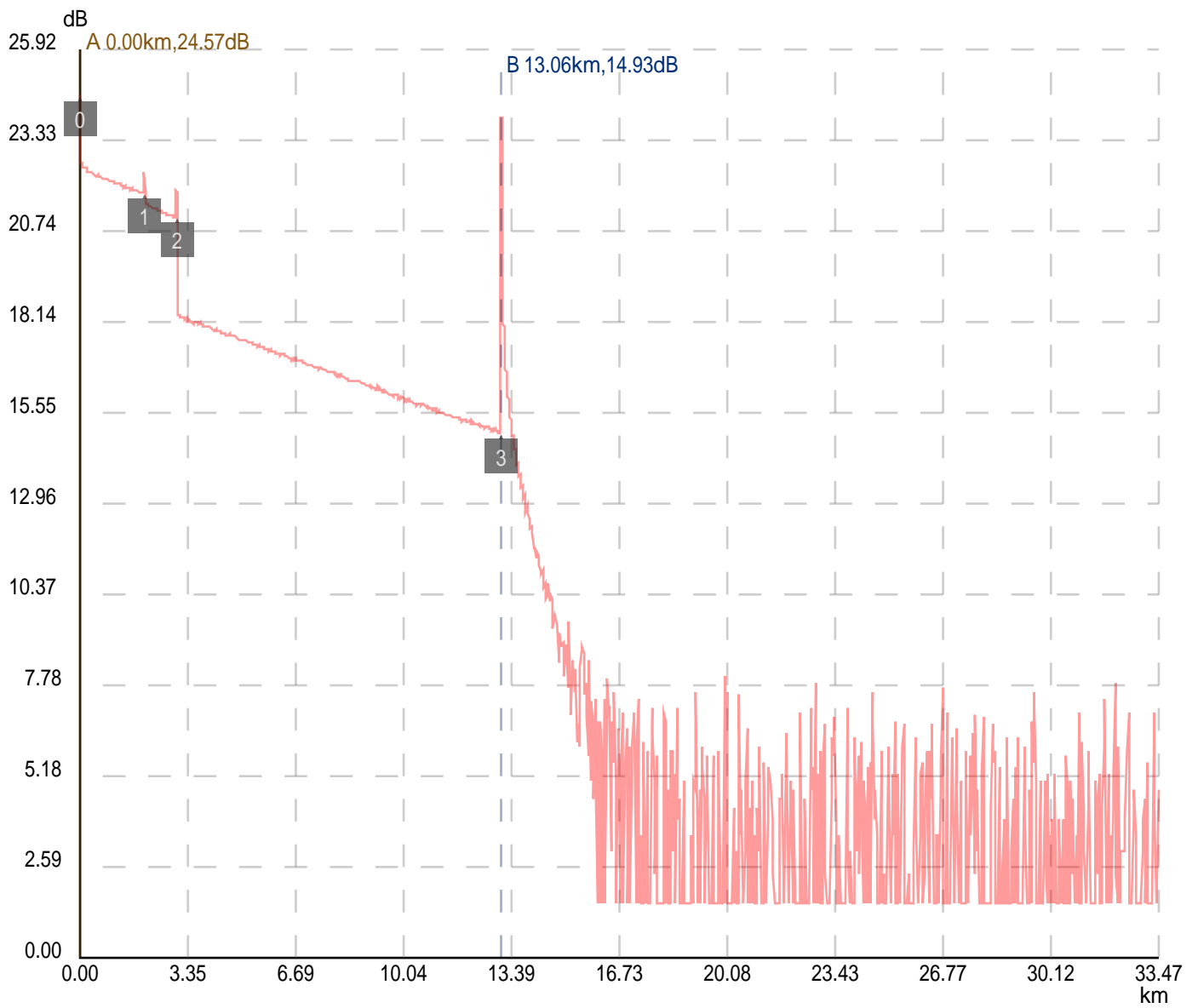
Test Result

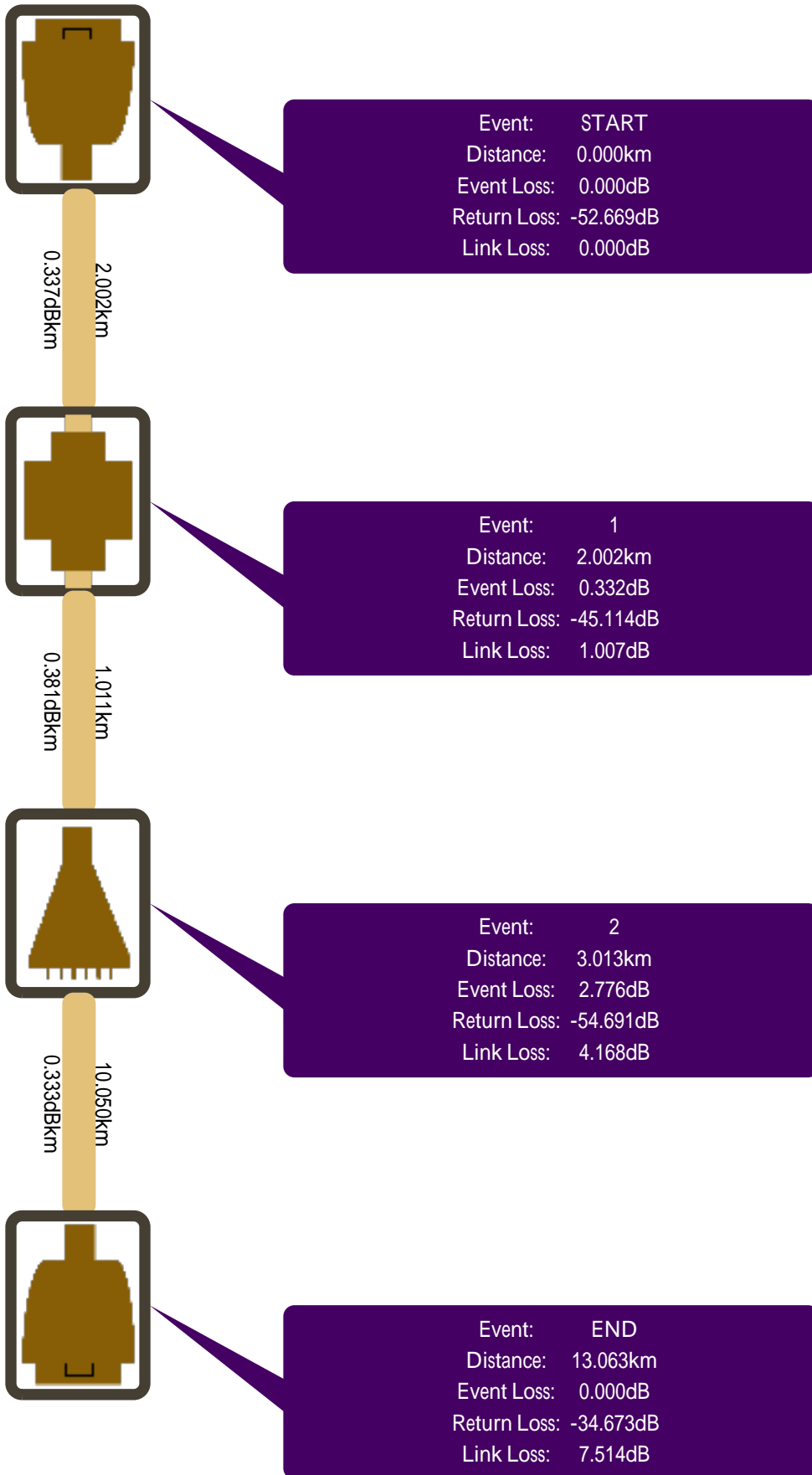
Total Distance	13.0628km
Total Loss	7.51dB
Total Return Loss	187.15dB
Total Event	4
Data Size	16384
Test Time	2023-03-19 16:00:23
Conclusion	Good

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

No	Type	Distancekm	LossdB	Attenuationd B/km	Return LossdB	Link LossdB
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
3/3		13.063	0.0000	--	-34.6735	7.51







Date:2023-03-19 16:01:30

Eric