

OTDR Report (1625 nm (9 μm))

General Information

File name:	99W0057464 GROWTH POINT F1.trc	Customer:	GROWTH POINT
Test date:	2023-09-13	Company:	LIBBY CONSTRUCTION
Test time:	10:00:43 AM	Fiber ID:	F1
Cable ID:			
Job ID:			
Comments:			

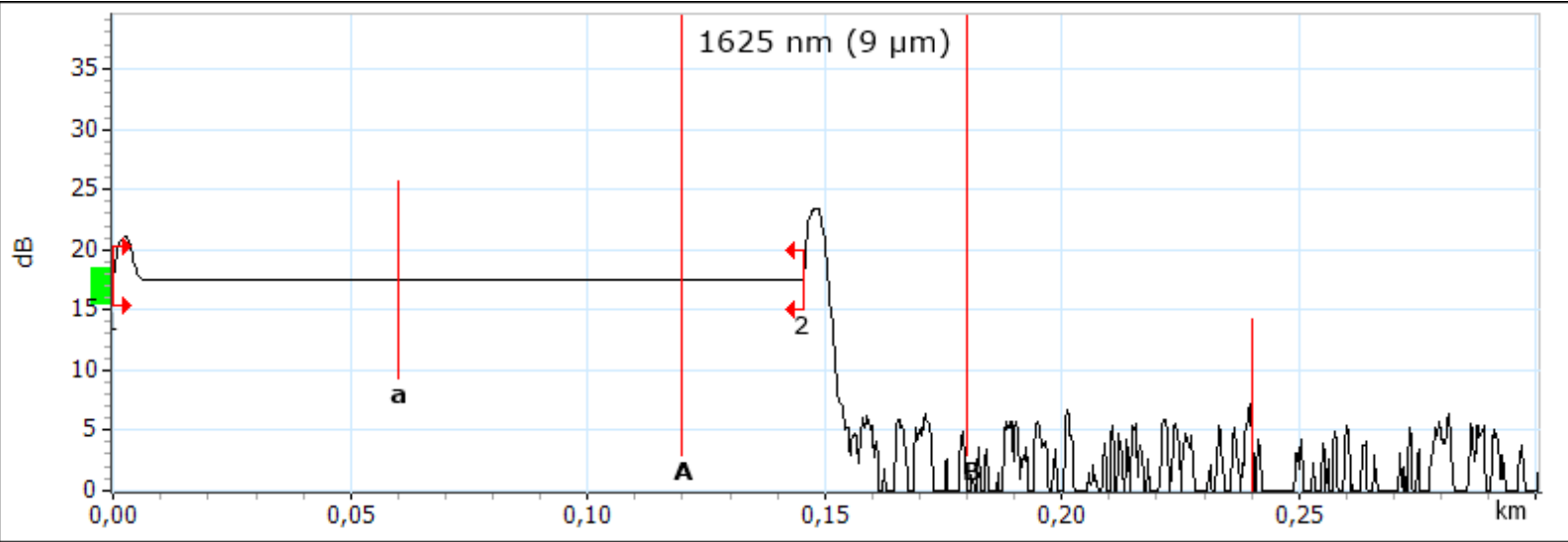
Locations

	Location A	Location B
Location		
Operator		
Model	FTB-7300E-234B-EA	
Serial number	507264	
Calibration date	2023-04-17 (UTC)	

Results

Span length:	0,1455 km	Average loss:	0,269 dB/km	Injection level:	17,6 dB
Span loss:	0,039 dB	Average splice loss:	---		
Span ORL:	51,28 dB	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	374,398 dB/km	A-B average loss:	291,819 dB/km
a	0,0600	17,546	A-B LSA loss:	22,478 dB	4-point Event Loss:	15,867 dB
A	0,1200	17,521	A-B ORL:	54,01 dB	Maximum reflectance:	-55,8 dB
B	0,1800	0,000				
b	0,2400	5,999				

Event Table

Type	No.	Pos./Length (km)	Loss (dB)	Reflectance (dB)	Attenuation (dB/km)	Cumulative (dB)
First Connector	1	0,0000	---	-61,2		0,000
Section		0,1455	0,039		0,269	0,039
Reflective	2	0,1455	---	-55,7		0,039

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Macrobend

Position (km)	Delta Loss (dB)

Pass/Fail Thresholds

	1625 nm (9 μm)

Test Parameters

	A → B
Wavelength (nm)	1625 nm (9 μm)
Range (km)	0,3000
Pulse (ns)	30
Duration (s)	5

Test Settings

	A → B	Macrobend Wavelengths	Macrobend Delta Loss (dB)
IOR	1,468734		
Backscatter (dB)	-82,59		
Helix factor (%)	0,00		
Splice loss detection threshold (dB)	0,150		
Reflectance detection threshold (dB)	-72,0		
End-of-fiber detection threshold (dB)	5,000		