

OTDR Report (1310 nm (9 μm))

General Information

File name:	97_1310.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	3:31 PM	Fiber ID:	97
Cable ID:	FAR0 to FAR3 1A (A-B)		
Job ID:	0500831		
Comments:	END TO END TEST		

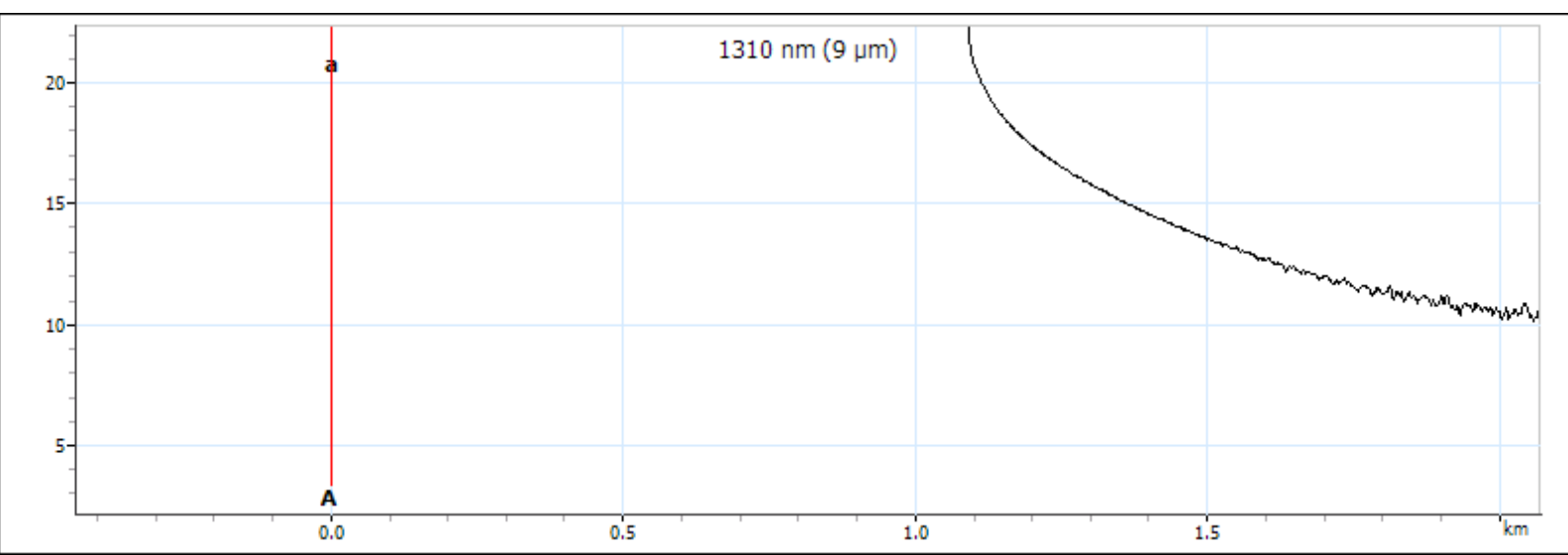
Locations

	Location A	Location B
Location	FAR0	FAR3
Operator	PANDA	HABEEB
Model	MAX-720C-Q1-EA-EI	
Serial number	1206159	
Calibration date	29-Mar-23 (UTC)	

Results

Span length:	1.0551 km	Average loss:	0.354 dB/km	Injection level:	25.3 dB
Span loss:	0.374 dB	Average splice loss:	---		
Span ORL:	39.83 dB	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	10.109 dB/km	A-B average loss:	7.585 dB/km
a	0.0000	25.367	A-B LSA loss:	24.773 dB	4-point Event Loss:	17.728 dB
A	0.0000	25.367	A-B ORL:	<25.25 dB	Maximum reflectance:	> -25.2 dB
B	2.4505	6.781				
b	2.4505	6.781				

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Event Table

Type	No.	Pos./Length (km)	Loss (dB)	Reflectance (dB)	Attenuation (dB/km)	Cumulative (dB)
First Connector	1	0.0000	---	-46.0		0.000
Section		1.0551	0.374		0.354	0.374
Reflective	2	1.0551	---	> -24.4		0.374
Section		1.0570	---		---	---
Merged Events		2.1122	---	-32.8		---

Macrobend

Position (km)	Delta Loss (dB)

Pass/Fail Thresholds

	1310 nm (9 μm)

Test Parameters

	A → B
Wavelength (nm)	1310 nm (9 μm)
Range (km)	5.0000
Pulse (ns)	100
Duration (s)	5

Test Settings

	A → B	Macrobend Wavelengths	Macrobend Delta Loss (dB)
IOR	1.467700		
Backscatter (dB)	-79.45		
Helix factor (%)	0.00		
Splice loss detection threshold (dB)	0.020		
Reflectance detection threshold (dB)	-72.0		
End-of-fiber detection threshold (dB)	5.000		

OTDR Report (1550 nm (9 μm))

General Information

File name:	97_1550.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	3:31 PM	Fiber ID:	97
Cable ID:	FAR0 to FAR3 1A (A-B)		
Job ID:	0500831		
Comments:	END TO END TEST		

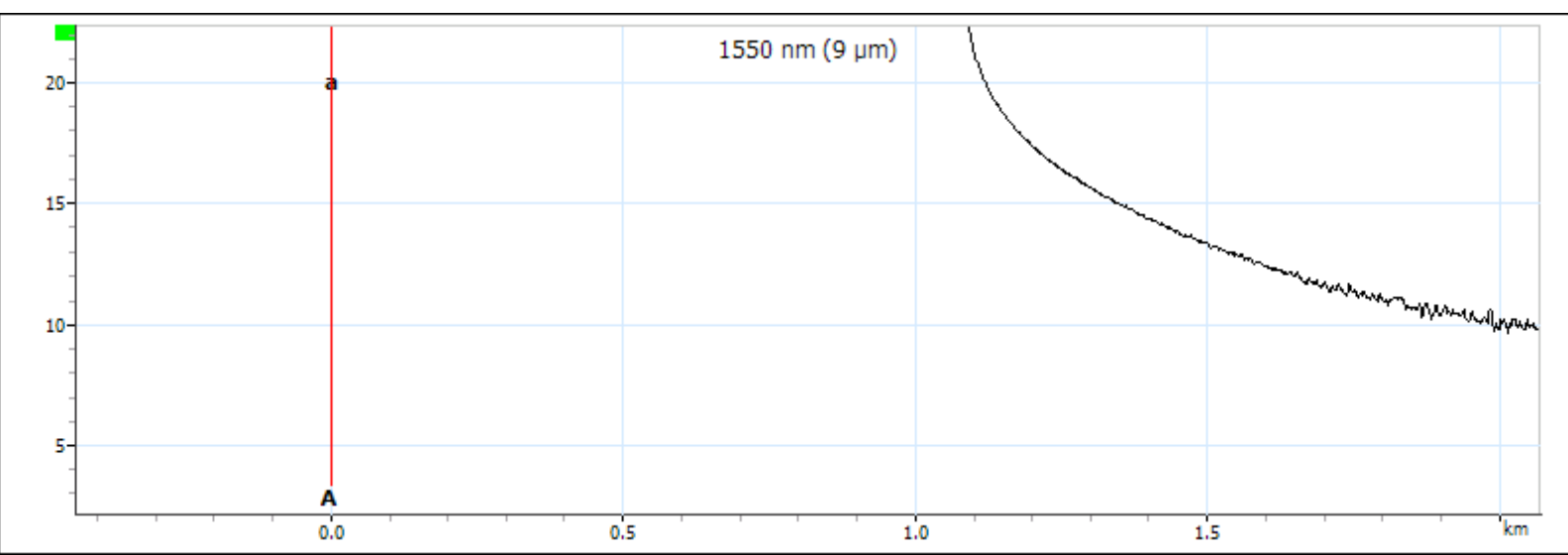
Locations

	Location A	Location B
Location	FAR0	FAR3
Operator	PANDA	HABEEB
Model	MAX-720C-Q1-EA-EI	
Serial number	1206159	
Calibration date	29-Mar-23 (UTC)	

Results

Span length:	1.0547 km	Average loss:	0.199 dB/km	Injection level:	24.2 dB
Span loss:	0.210 dB	Average splice loss:	---		
Span ORL:	42.09 dB	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	9.610 dB/km	A-B average loss:	7.594 dB/km
a	0.0000	24.602	A-B LSA loss:	23.550 dB	4-point Event Loss:	18.118 dB
A	0.0000	24.602	A-B ORL:	<25.14 dB	Maximum reflectance:	> -25.2 dB
B	2.4505	5.993				
b	2.4505	5.993				

OTDR Report (1550 nm (9 μm))

Event Table

Type	No.	Pos./Length (km)	Loss (dB)	Reflectance (dB)	Attenuation (dB/km)	Cumulative (dB)
First Connector	1	0.0000	---	-46.4		0.000
Section		1.0547	0.210		0.199	0.210
Reflective	2	1.0547	---	> -24.8		0.210
Section		1.0572	---		---	---
Merged Events		2.1119	---	-28.4		---

Macrobend

Position (km)	Delta Loss (dB)

Pass/Fail Thresholds

	1550 nm (9 μm)

Test Parameters

	A → B
Wavelength (nm)	1550 nm (9 μm)
Range (km)	5.0000
Pulse (ns)	100
Duration (s)	5

Test Settings

	A → B	Macrobend Wavelengths	Macrobend Delta Loss (dB)
IOR	1.468325		
Backscatter (dB)	-81.87		
Helix factor (%)	0.00		
Splice loss detection threshold (dB)	0.020		
Reflectance detection threshold (dB)	-72.0		
End-of-fiber detection threshold (dB)	5.000		