

OTDR Report (1310 nm (9 μm))

General Information

File name:	20_1310.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	4:19 PM	Fiber ID:	20
Cable ID:	FAR5 to SS6A (C) A (B-A)		
Job ID:	0500831		
Comments:	END TO END TEST		

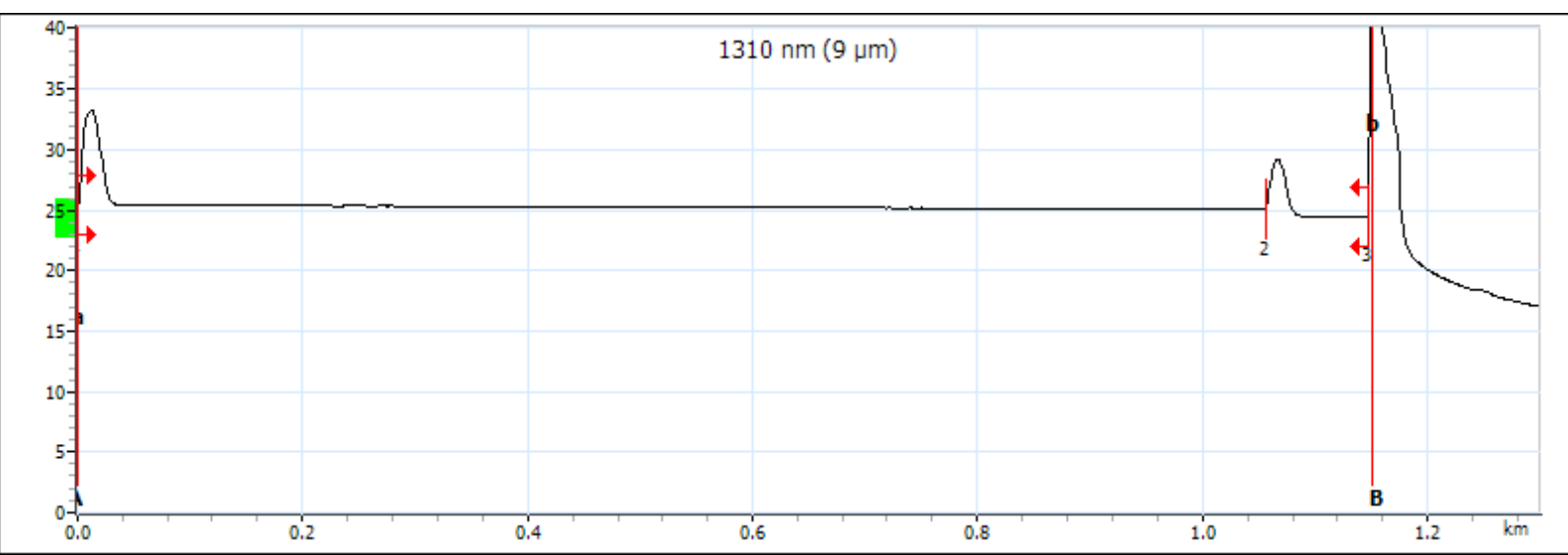
Locations

	Location A	Location B
Location	SS6A	FAR5
Operator	PANDA	HABEEB
Model	MAX-720C-Q1-EA-EI	
Serial number	1206159	
Calibration date	29-Mar-23 (UTC)	

Results

Span length:	1.1474 km	Average loss:	0.833 dB/km	Injection level:	25.4 dB
Span loss:	0.955 dB	Average splice loss:	---		
Span ORL:	39.30 dB	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	0.777 dB/km	A-B average loss:	-13.816 dB/km
a	0.0000	25.460	A-B LSA loss:	0.893 dB	4-point Event Loss:	-16.294 dB
A	0.0000	25.460	A-B ORL:	<36.55 dB	Maximum reflectance:	>-27.9 dB
B	1.1502	41.352				
b	1.1502	41.352				

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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	---	-43.7		0.000
Section		1.0561	0.361		0.341	0.361
Reflective	2	1.0561	0.553	-51.6		0.913
Section		0.0913	0.042		0.462	0.955
Reflective	3	1.1474	---	> -23.5		0.955

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)	1.3000
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:	20_1550.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	4:19 PM	Fiber ID:	20
Cable ID:	FAR5 to SS6A (C) A (B-A)		
Job ID:	0500831		
Comments:	END TO END TEST		

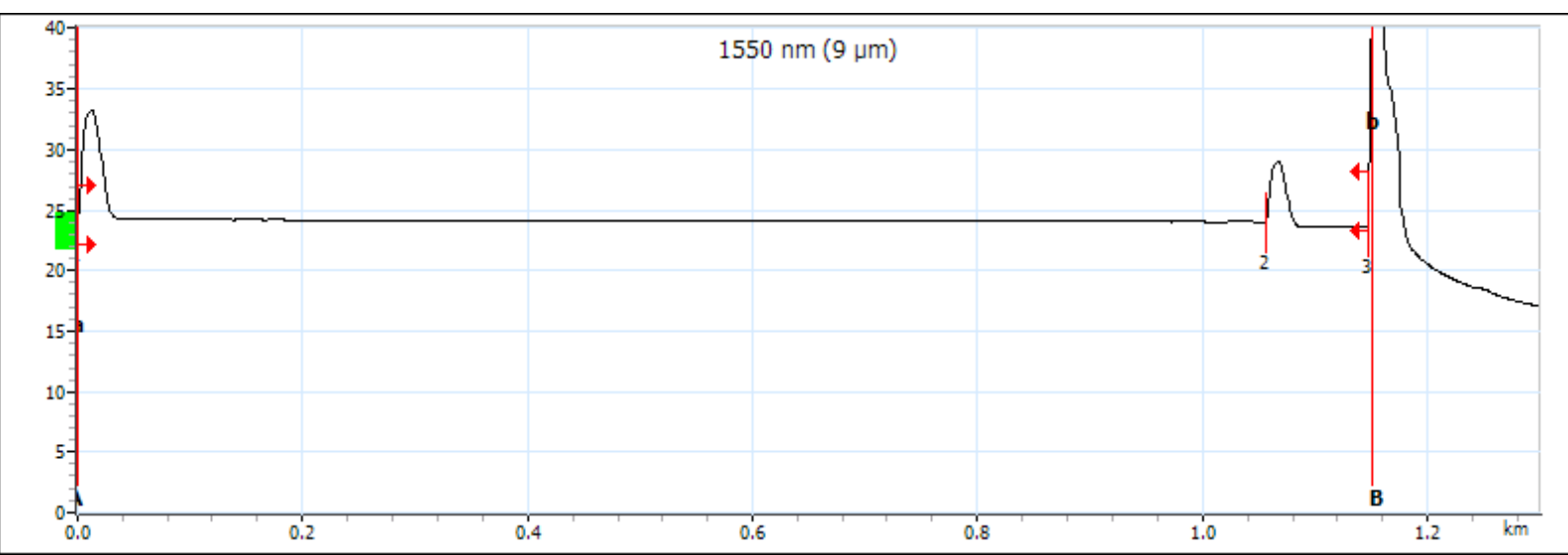
Locations

	Location A	Location B
Location	SS6A	FAR5
Operator	PANDA	HABEEB
Model	MAX-720C-Q1-EA-EI	
Serial number	1206159	
Calibration date	29-Mar-23 (UTC)	

Results

Span length:	1.1472 km	Average loss:	0.566 dB/km	Injection level:	24.2 dB
Span loss:	0.649 dB	Average splice loss:	---		
Span ORL:	41.39 dB	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	0.624 dB/km	A-B average loss:	-14.669 dB/km
a	0.0000	24.694	A-B LSA loss:	0.717 dB	4-point Event Loss:	-17.103 dB
A	0.0000	24.694	A-B ORL:	<37.43 dB	Maximum reflectance:	> -27.4 dB
B	1.1502	41.567				
b	1.1502	41.567				

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	---	-43.8		0.000
Section		1.0563	0.201		0.190	0.201
Reflective	2	1.0563	0.416	-52.1		0.617
Section		0.0909	0.032		0.357	0.649
Reflective	3	1.1472	---	> -24.0		0.649

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)	1.3000
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		