

OTDR Report (1310 nm (9 μm))

General Information

File name:	16_1310.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	4:16 PM	Fiber ID:	16
Cable ID:	FAR5 to SS6A (C) A (B-A)		
Job ID:	0500831		
Comments:	END TO END TEST		

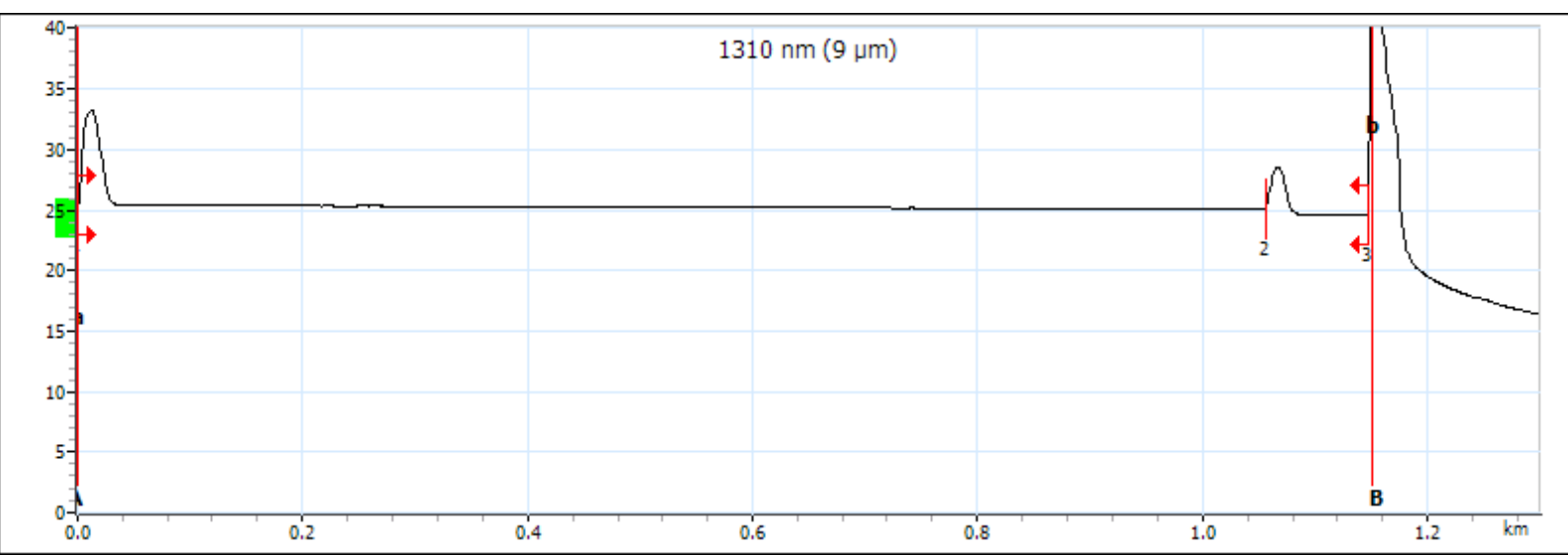
Locations

	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:	0.726 dB/km	Injection level:	25.4 dB
Span loss:	0.833 dB	Average splice loss:	---		
Span ORL:	39.36 dB	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	0.795 dB/km	A-B average loss:	-13.665 dB/km
a	0.0000	25.432	A-B LSA loss:	0.914 dB	4-point Event Loss:	-16.120 dB
A	0.0000	25.432	A-B ORL:	37.63 dB	Maximum reflectance:	-41.7 dB
B	1.1502	41.149				
b	1.1502	41.149				

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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		1.0564	0.361		0.341	0.361
Reflective	2	1.0564	0.409	-53.1		0.769
Section		0.0910	0.064		0.703	0.833
Reflective	3	1.1474	---	> -24.1		0.833

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:	16_1550.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	4:16 PM	Fiber ID:	16
Cable ID:	FAR5 to SS6A (C) A (B-A)		
Job ID:	0500831		
Comments:	END TO END TEST		

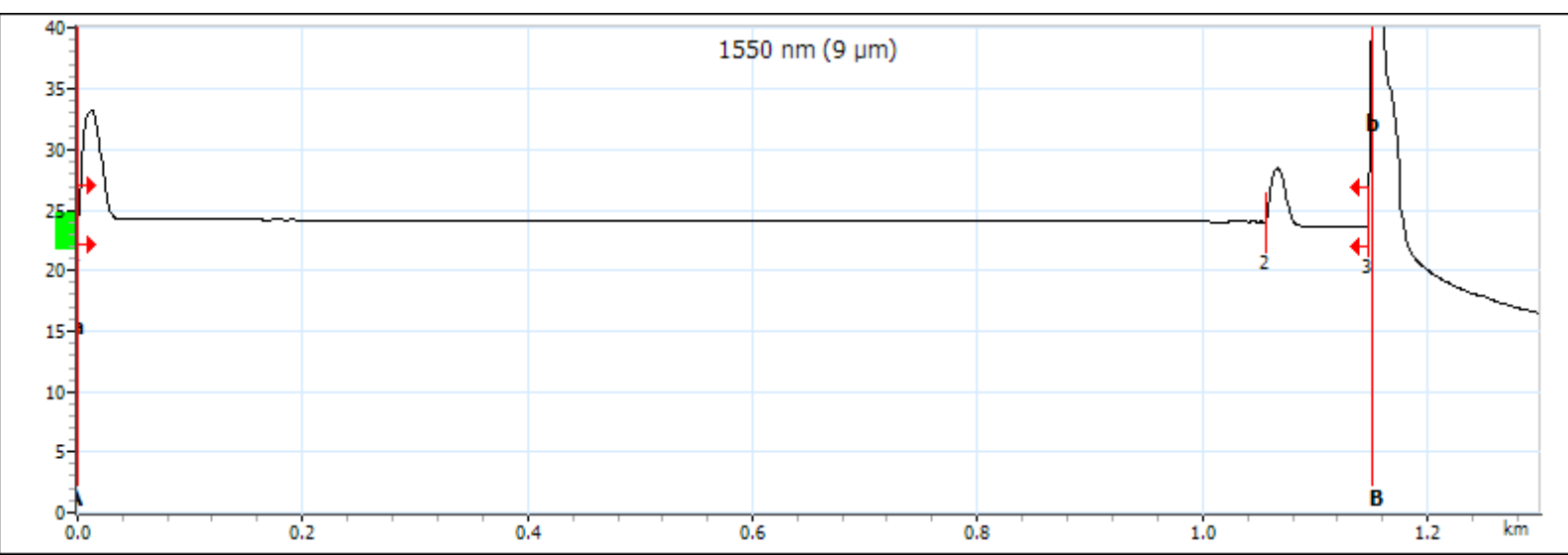
Locations

	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:	0.497 dB/km	Injection level:	24.2 dB
Span loss:	0.571 dB	Average splice loss:	---		
Span ORL:	41.49 dB	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	0.655 dB/km	A-B average loss:	-14.506 dB/km
a	0.0000	24.666	A-B LSA loss:	0.753 dB	4-point Event Loss:	-16.916 dB
A	0.0000	24.666	A-B ORL:	<37.62 dB	Maximum reflectance:	> -27.9 dB
B	1.1502	41.352				
b	1.1502	41.352				

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	---	-43.7		0.000
Section		1.0563	0.200		0.190	0.200
Reflective	2	1.0563	0.348	-53.4		0.549
Section		0.0909	0.022		0.240	0.571
Reflective	3	1.1472	---	> -24.4		0.571

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		