

OTDR Report (1310 nm (9 μm))

General Information

File name:	23_1310.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	4:22 PM	Fiber ID:	23
Cable ID:	FAR5 to SS6A (C) A (B-A)		
Job ID:	0500831		
Comments:	END TO END TEST		

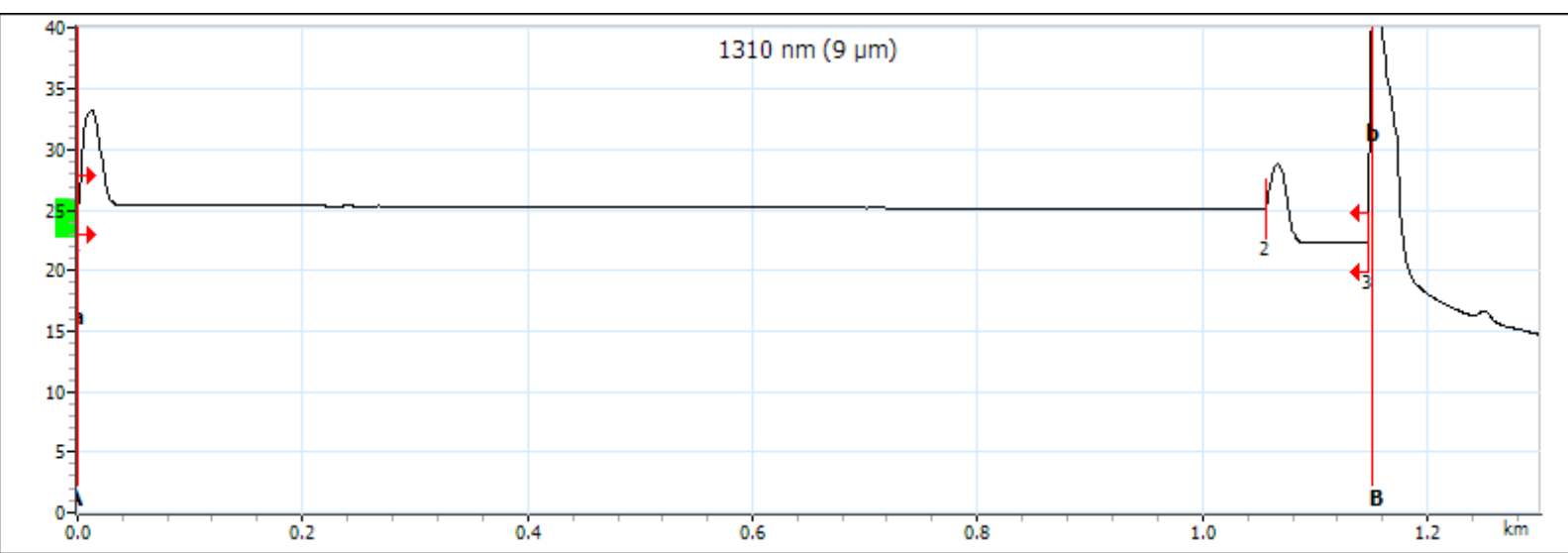
Locations

	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:	2.721 dB/km	Injection level:	25.4 dB
Span loss:	3.121 dB	Average splice loss:	---		
Span ORL:	39.47 dB	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	1.464 dB/km	A-B average loss:	-13.211 dB/km
a	0.0000	25.432	A-B LSA loss:	1.684 dB	4-point Event Loss:	-15.599 dB
A	0.0000	25.432	A-B ORL:	37.73 dB	Maximum reflectance:	-41.9 dB
B	1.1502	40.628				
b	1.1502	40.628				

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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	0.362		0.343	0.362
Reflective	2	1.0564	2.700	-52.5		3.063
Section		0.0910	0.059		0.647	3.121
Reflective	3	1.1474	---	> -20.5		3.121

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:	23_1550.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	4:22 PM	Fiber ID:	23
Cable ID:	FAR5 to SS6A (C) A (B-A)		
Job ID:	0500831		
Comments:	END TO END TEST		

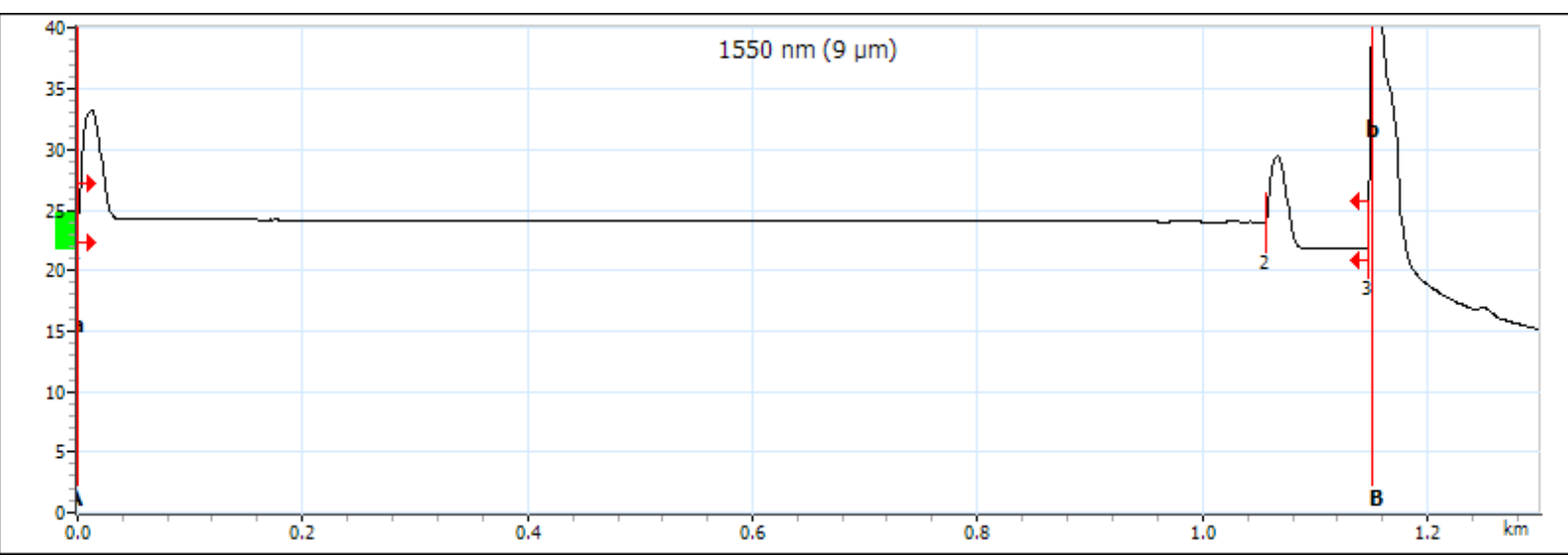
Locations

	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:	2.124 dB/km	Injection level:	24.2 dB
Span loss:	2.436 dB	Average splice loss:	---		
Span ORL:	41.45 dB	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	1.139 dB/km	A-B average loss:	-14.112 dB/km
a	0.0000	24.732	A-B LSA loss:	1.310 dB	4-point Event Loss:	-16.462 dB
A	0.0000	24.732	A-B ORL:	<37.81 dB	Maximum reflectance:	>-28.6 dB
B	1.1502	40.965				
b	1.1502	40.965				

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	0.201		0.191	0.201
Reflective	2	1.0563	2.205	-51.1		2.406
Section		0.0909	0.030		0.327	2.436
Reflective	3	1.1472	---	> -21.5		2.436

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		