

OTDR Report (1310 nm (9 μm))

General Information

File name:	19_1310.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	4:30 PM	Fiber ID:	19
Cable ID:	FAR5 to SS6A (C) B (B-A)		
Job ID:	0500831		
Comments:	END TO END TEST		

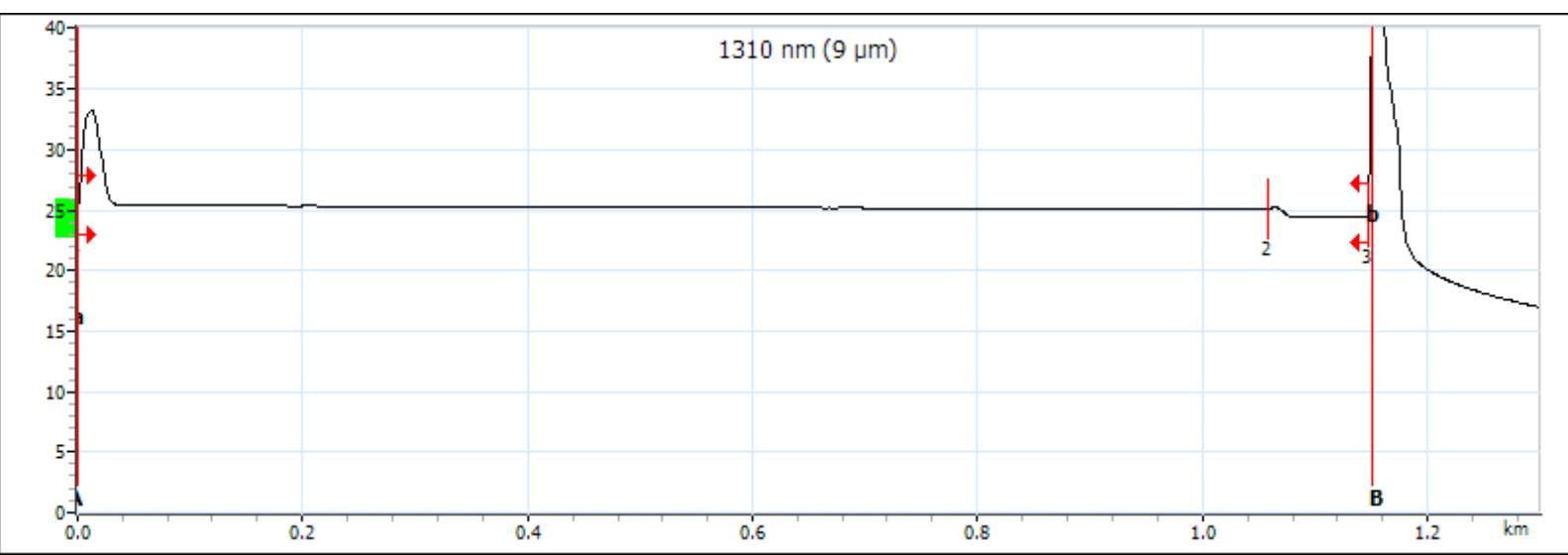
Locations

	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:	1.1480 km	Average loss:	0.861 dB/km	Injection level:	25.4 dB
Span loss:	0.988 dB	Average splice loss:	---		
Span ORL:	39.54 dB	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	1.076 dB/km	A-B average loss:	-7.343 dB/km
a	0.0000	25.414	A-B LSA loss:	1.237 dB	4-point Event Loss:	-8.849 dB
A	0.0000	25.414	A-B ORL:	37.84 dB	Maximum reflectance:	-43.7 dB
B	1.1502	33.860				
b	1.1502	33.860				

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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		1.0580	0.362		0.342	0.362
Reflective	2	1.0580	0.569	-69.8		0.931
Section		0.0900	0.057		0.633	0.988
Reflective	3	1.1480	---	> -23.5		0.988

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:	19_1550.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	4:30 PM	Fiber ID:	19
Cable ID:	FAR5 to SS6A (C) B (B-A)		
Job ID:	0500831		
Comments:	END TO END TEST		

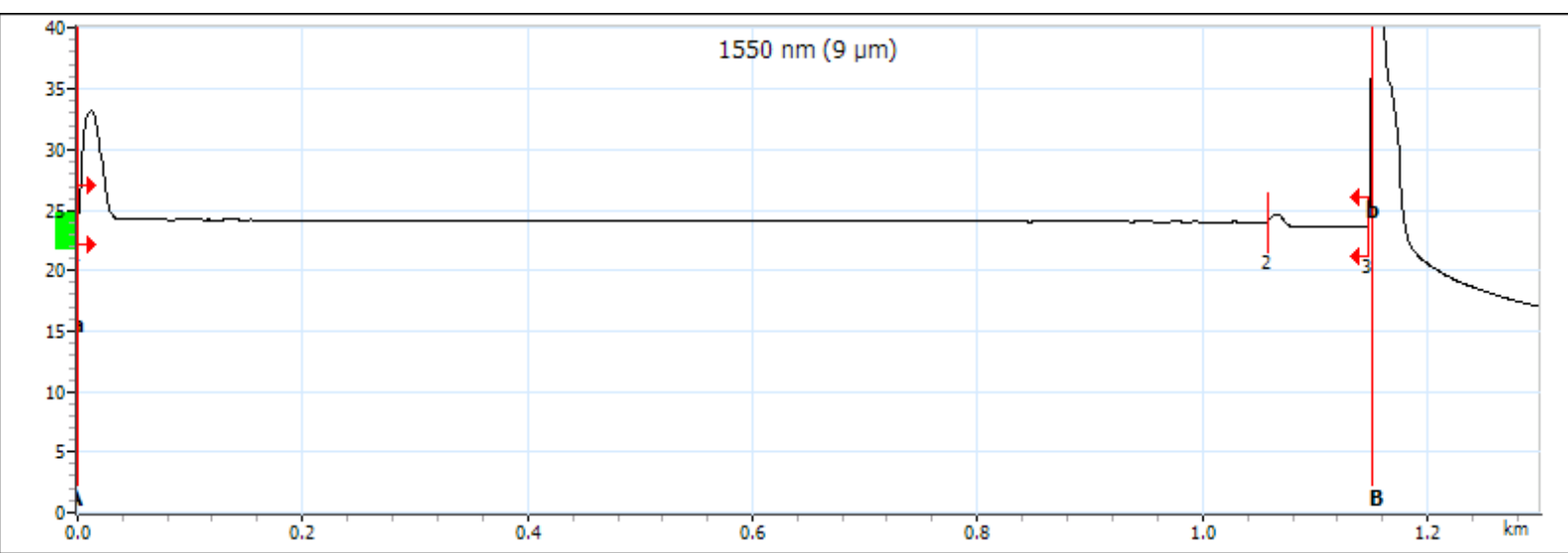
Locations

	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:	1.1478 km	Average loss:	0.575 dB/km	Injection level:	24.2 dB
Span loss:	0.660 dB	Average splice loss:	---		
Span ORL:	41.76 dB	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	0.961 dB/km	A-B average loss:	-8.250 dB/km
a	0.0000	24.699	A-B LSA loss:	1.105 dB	4-point Event Loss:	-9.719 dB
A	0.0000	24.699	A-B ORL:	39.27 dB	Maximum reflectance:	-42.8 dB
B	1.1502	34.188				
b	1.1502	34.188				

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		1.0576	0.198		0.187	0.198
Reflective	2	1.0576	0.449	-66.1		0.647
Section		0.0903	0.013		0.146	0.660
Reflective	3	1.1478	---	> -24.0		0.660

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		