

OTDR Report (1310 nm (9 μm))

General Information

File name:	17_1310.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	3:53 PM	Fiber ID:	17
Cable ID:	FAR5 to SS6A (C) A (A-B)		
Job ID:	0500831		
Comments:	END TO END TEST		

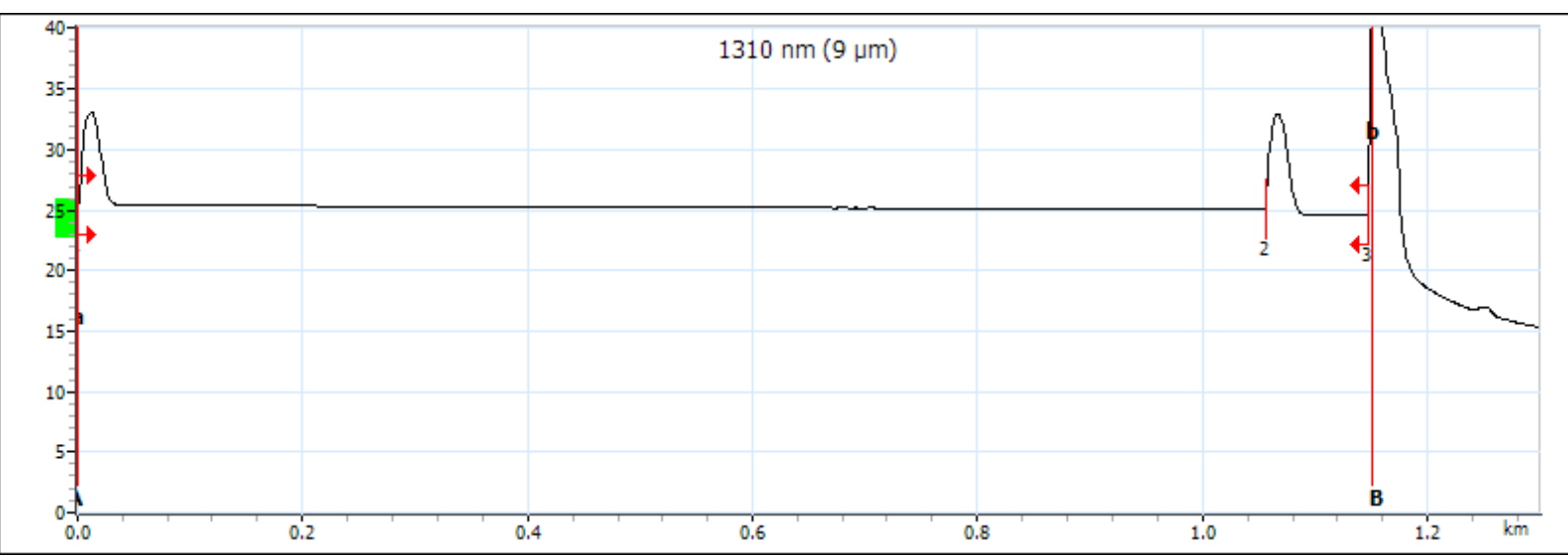
Locations

	Location A	Location B
Location	FAR5	SS6A
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:	0.709 dB/km	Injection level:	25.4 dB
Span loss:	0.813 dB	Average splice loss:	---		
Span ORL:	38.18 dB	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	0.430 dB/km	A-B average loss:	-13.381 dB/km
a	0.0000	25.404	A-B LSA loss:	0.495 dB	4-point Event Loss:	-15.794 dB
A	0.0000	25.404	A-B ORL:	36.89 dB	Maximum reflectance:	-42.0 dB
B	1.1502	40.796				
b	1.1502	40.796				

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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	---	-44.0		0.000
Section		1.0558	0.359		0.340	0.359
Reflective	2	1.0558	0.423	-43.5		0.782
Section		0.0916	0.031		0.340	0.813
Reflective	3	1.1474	---	> -24.7		0.813

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:	17_1550.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	3:53 PM	Fiber ID:	17
Cable ID:	FAR5 to SS6A (C) A (A-B)		
Job ID:	0500831		
Comments:	END TO END TEST		

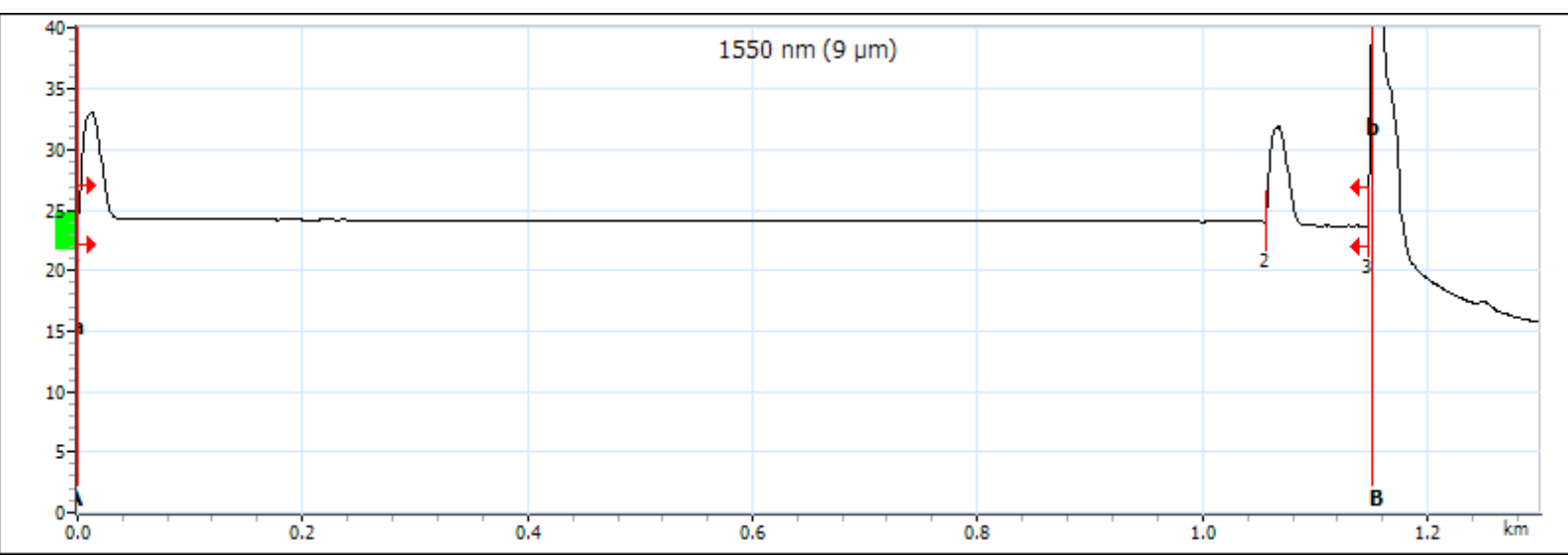
Locations

	Location A	Location B
Location	FAR5	SS6A
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:	0.470 dB/km	Injection level:	24.2 dB
Span loss:	0.540 dB	Average splice loss:	---		
Span ORL:	40.42 dB	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	0.355 dB/km	A-B average loss:	-14.306 dB/km
a	0.0000	24.674	A-B LSA loss:	0.408 dB	4-point Event Loss:	-16.685 dB
A	0.0000	24.674	A-B ORL:	<37.34 dB	Maximum reflectance:	> -28.4 dB
B	1.1502	41.129				
b	1.1502	41.129				

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	---	-44.0		0.000
Section		1.0560	0.201		0.190	0.201
Reflective	2	1.0560	0.320	-46.1		0.521
Section		0.0912	0.018		0.201	0.540
Reflective	3	1.1472	---	> -24.9		0.540

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		