

OTDR Report (1310 nm (9 μm))

General Information

File name:	64_1310.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	2:47 PM	Fiber ID:	64
Cable ID:	FAR3 to FAR0 1A (B-A)		
Job ID:	0500831		
Comments:	END TO END TEST		

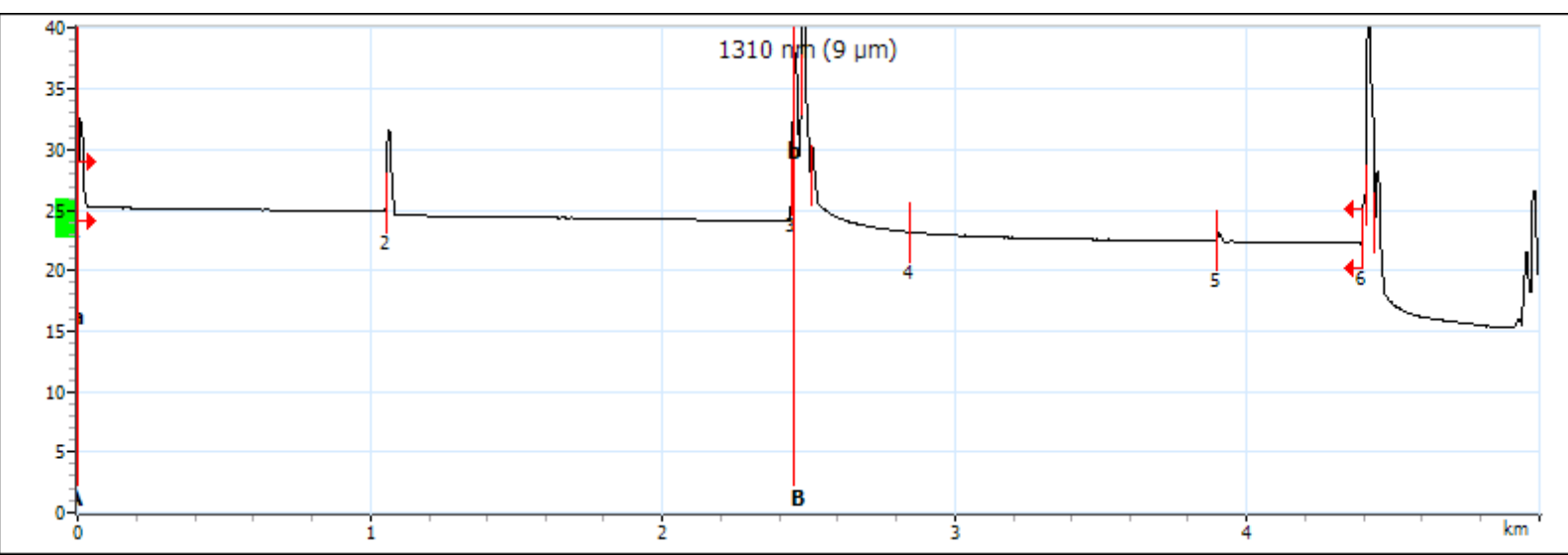
Locations

	Location A	Location B
Location	FAR3	FAR0
Operator	PANDA	HABEEB
Model	MAX-720C-Q1-EA-EI	
Serial number	1206159	
Calibration date	29-Mar-23 (UTC)	

Results

Span length:	4.3922 km	Average loss:	0.988 dB/km	Injection level:	25.2 dB
Span loss:	4.339 dB	Average splice loss:	0.834 dB		
Span ORL:	<23.08 dB	Maximum splice loss:	0.834 dB		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	0.626 dB/km	A-B average loss:	-5.544 dB/km
a	0.0000	25.468	A-B LSA loss:	1.534 dB	4-point Event Loss:	-14.444 dB
A	0.0000	25.468	A-B ORL:	34.51 dB	Maximum reflectance:	-31.9 dB
B	2.4505	39.054				
b	2.4505	39.054				

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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	---	-44.4		0.000
Section		1.0558	0.364		0.344	0.364
Reflective	2	1.0558	0.302	-45.4		0.666
Section		1.3896	0.483		0.348	1.149
Merged Events	3	2.4454	0.037	> -21.8		1.186
Section		0.4015	1.609		4.007	2.795
Non-Reflective	4	2.8469	0.834			3.629
Section		1.0513	0.606		0.576	4.234
Reflective (Possible Echo)	5	3.8982	-0.058	-62.9		4.176
Section		0.4941	0.163		0.330	4.339
Merged Events	6	4.3922	---	> -20.5		4.339

Macroband

Position (km)	Delta Loss (dB)

Pass/Fail Thresholds

	1310 nm (9 μm)

Test Parameters

	A → B
Wavelength (nm)	1310 nm (9 μm)
Range (km)	5.0000
Pulse (ns)	100
Duration (s)	5

Test Settings

	A → B	Macroband Wavelengths	Macroband 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:	64_1550.trc	Customer:	ADNOC
Test date:	14-Feb-24	Company:	PAN ARABIA
Test time:	2:47 PM	Fiber ID:	64
Cable ID:	FAR3 to FAR0 1A (B-A)		
Job ID:	0500831		
Comments:	END TO END TEST		

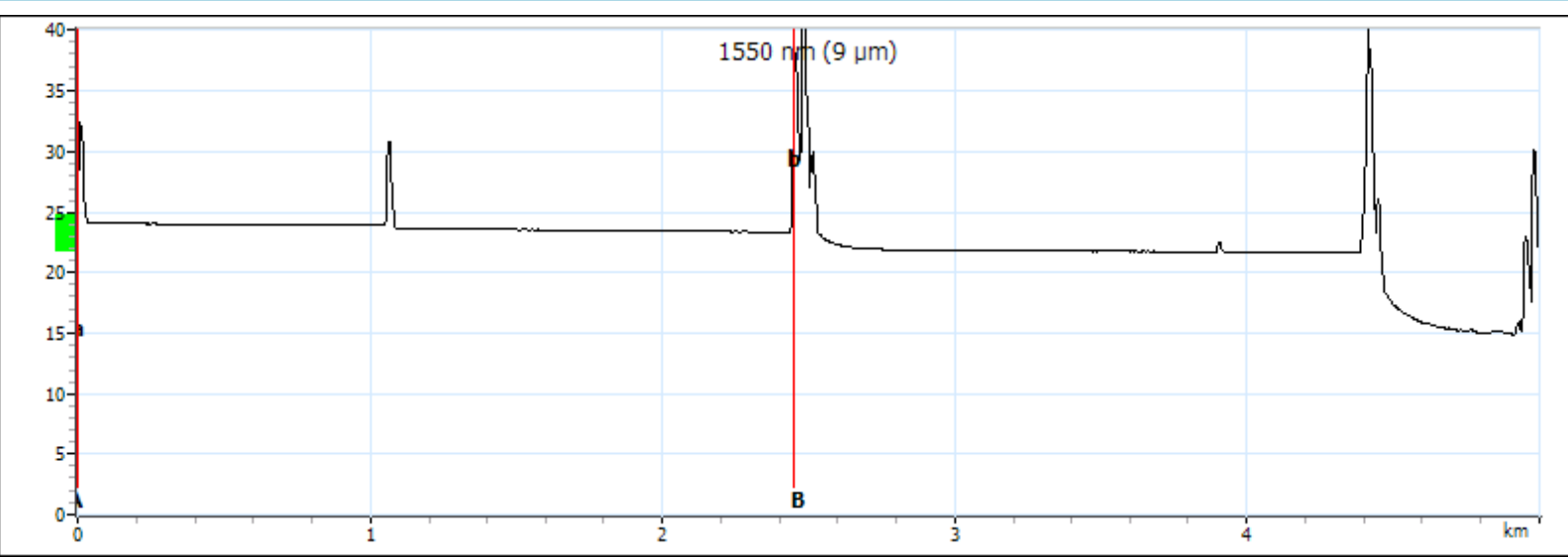
Locations

	Location A	Location B
Location	FAR3	FAR0
Operator	PANDA	HABEEB
Model	MAX-720C-Q1-EA-EI	
Serial number	1206159	
Calibration date	29-Mar-23 (UTC)	

Results

Span length:	---	Average loss:	---	Injection level:	---
Span loss:	---	Average splice loss:	---		
Span ORL:	---	Maximum splice loss:	---		

Graph



Markers

Marker	Position (km)	Value (dB)	A-B LSA attenuation:	0.468 dB/km	A-B average loss:	-5.747 dB/km
a	0.0000	24.590	A-B LSA loss:	1.147 dB	4-point Event Loss:	-14.574 dB
A	0.0000	24.590	A-B ORL:	0.00 dB	Maximum reflectance:	-32.8 dB
B	2.4505	38.674				
b	2.4505	38.674				

Event Table

Type	No.	Pos./Length (km)	Loss (dB)	Reflectance (dB)	Attenuation (dB/km)	Cumulative (dB)

OTDR Report (1550 nm (9 μm))

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)	5.0000
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		