

VIavi

Cable Id : ROUTE 401.202

Location A : HANNWWYRO

Job ID : 365 TRACES 2024

Comment : WLCTWWYRO

Fiber Id/Number : # 16

Location B : RVLNWWYRO

Technician Id : jweeks

T-BERD 4000 V2 (S/N EBAH00178)

4126 MA (S/N 32601)

Calibration date : 01/25/2018

Date : 03/28/2024 15:15 (UTC-7)

|                     |                |       |                  |          |                 |                     |
|---------------------|----------------|-------|------------------|----------|-----------------|---------------------|
| Test Setup          |                |       |                  |          |                 |                     |
| OTDR                | Laser          | Pw    | Range            | Acq Time | IOR             | Scatter Coefficient |
| EXPERT              | 1550nm         | 300ns | 80km             | 60.0s    | 1.46500(USER 1) | -81.0 dB            |
| Alarms              |                |       |                  |          |                 |                     |
| Thresholds          | TIA-568.3 RL35 |       |                  |          |                 |                     |
| Connector Loss (dB) | >0.75          |       | Splice Loss (dB) |          | >0.30           | Slope (dB/Km)       |
| Reflectance (dB)    | >-35           |       |                  |          |                 | >1.00               |
| Summary             |                |       |                  |          |                 |                     |

|  |          |              |             |              |                        |                |              |
|--|----------|--------------|-------------|--------------|------------------------|----------------|--------------|
| Filename   | Laser nm | Link Loss dB | Link Orl dB | Fiber End Km | Direction              | Avg Loss dB/Km | Event Alarms |
| RVLNWWYRO HANNWWYRO 016<br>03_28_2024_15_15_39.sor | 1550     | 16.849       | 31.44       | 72.283       | HANNWWYRO <- RVLNWWYRO | 0.233          | 18           |

|       |       |       |       |       |        |        |        |        |        |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 1/18  | 2/18  | 3/18  | 4/18  | 5/18  | 6/18   | 7/18   | 8/18   | 9/18   | 10/18  |
|       |       |       |       |       |        |        |        |        |        |
| 0.000 | 5.167 | 6.579 | 6.927 | 8.318 | 10.324 | 10.436 | 14.882 | 16.857 | 26.828 |

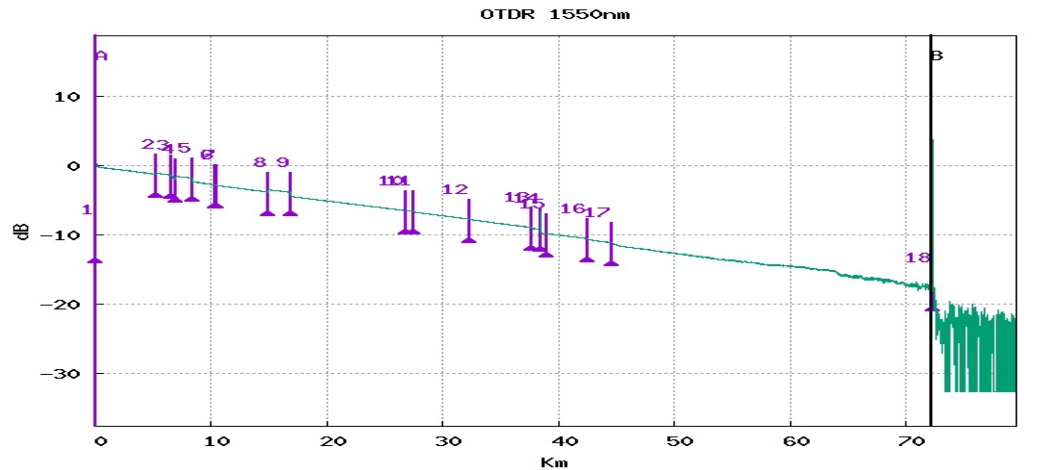
|        |        |        |        |        |        |        |           |
|--------|--------|--------|--------|--------|--------|--------|-----------|
| 11/18  | 12/18  | 13/18  | 14/18  | 15/18  | 16/18  | 17/18  | 18/18     |
|        |        |        |        |        |        |        |           |
| 27.462 | 32.266 | 37.602 | 38.426 | 38.978 | 42.447 | 44.647 | 72.283 Km |

A : 0.000km -0.118 dB

B : 72.218km -18.189 dB

A-B : 72.218km 0.250 dB/Km

18.071 dB



| Event | Distance | Loss    | Reflect. | Slope | Section | T. Loss |
|-------|----------|---------|----------|-------|---------|---------|
|       | Km       | dB      | dB       | dB/km | Km      | dB      |
| 1     | 0.000    | ~ 0.115 | ~ -48.84 |       | 0.000   | 0.000   |
| 2     | 5.167    | -0.140  |          | 0.209 | 5.167   | 1.079   |
| 3     | 6.579    | 0.454   |          | 0.185 | 1.412   | 1.199   |
| 4     | 6.927    | -0.373  |          | 0.285 | 0.348   | 1.752   |
| 5     | 8.318    | 0.507   |          | 0.186 | 1.392   | 1.637   |
| 6     | 10.324   | 0.015   |          | 0.245 | 2.005   | 2.635   |
| 7     | 10.436   | 0.021   |          | 0.266 | 0.113   | 2.680   |
| 8     | 14.882   | -0.347  |          | 0.218 | 4.446   | 3.670   |
| 9     | 16.857   | 0.616   |          | 0.188 | 1.975   | 3.694   |
| 10    | 26.828   | -0.044  |          | 0.204 | 9.971   | 6.345   |
| 11    | 27.462   | 0.110   |          | 0.214 | 0.634   | 6.438   |
| 12    | 32.266   | 0.066   |          | 0.213 | 4.804   | 7.571   |
| 13    | 37.602   | 0.116   |          | 0.212 | 5.336   | 8.769   |
| 14    | 38.426   | 0.573   | -52.56   | 0.194 | 0.824   | 9.044   |
| 15    | 38.978   | -0.053  |          | 0.198 | 0.553   | 9.726   |
| 16    | 42.447   | 0.147   |          | 0.202 | 3.469   | 10.376  |
| 17    | 44.647   | 0.444   |          | 0.214 | 2.200   | 10.995  |
| 18    | 72.283   |         | -13.22   | 0.196 | 27.636  | 16.849  |