

MARS CTA / TRF Test Report

Date: March 2006

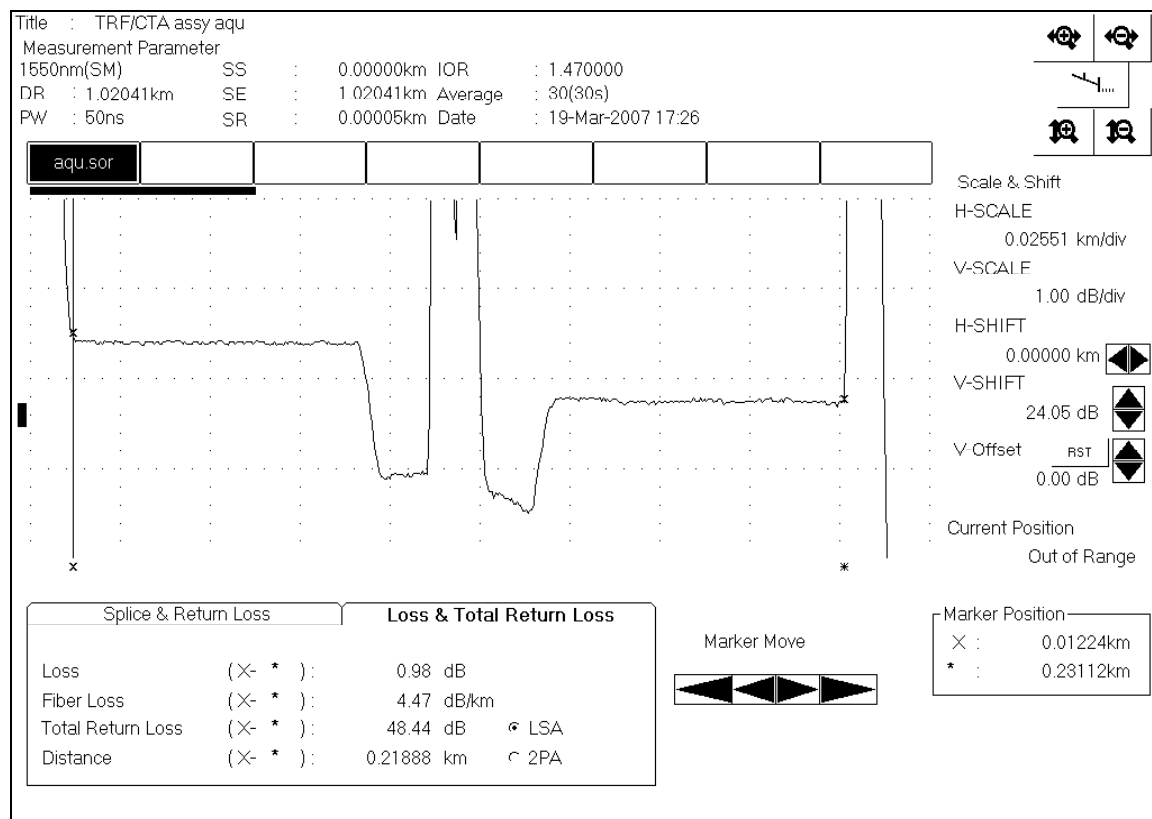
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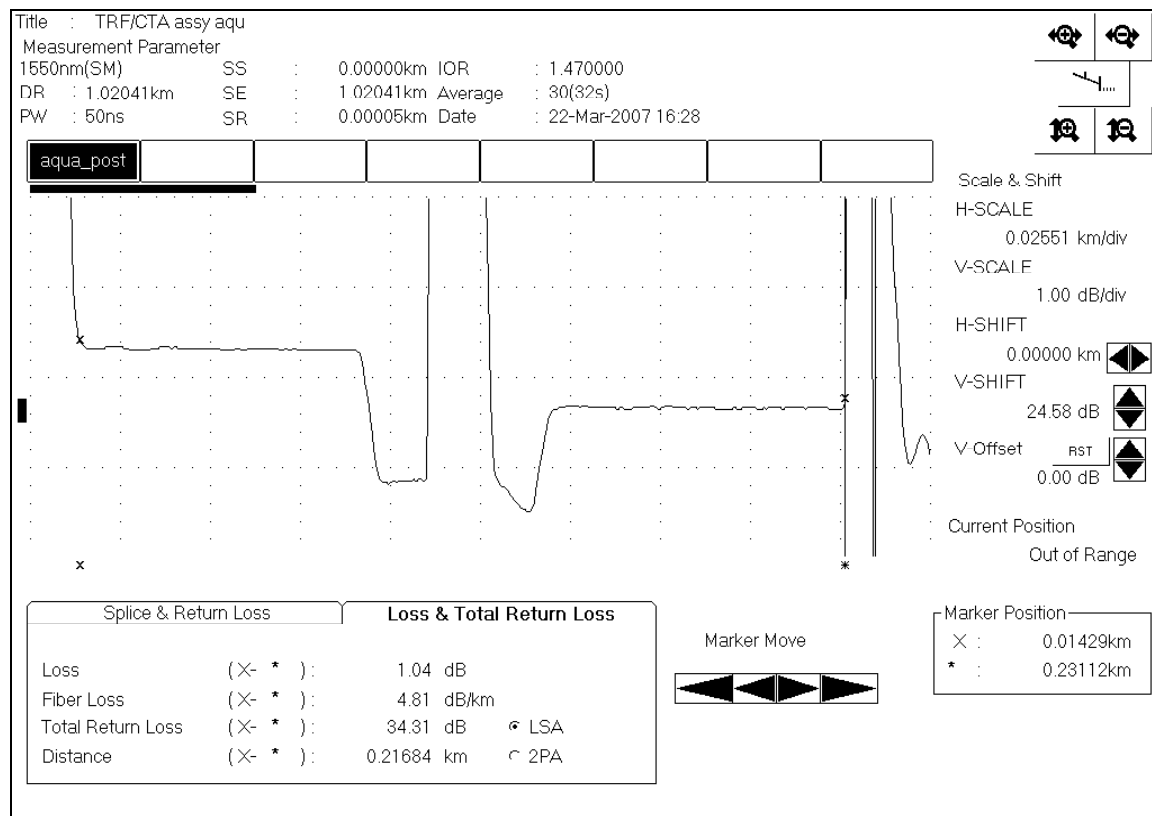
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SECTION 1 - OTDR TRACES



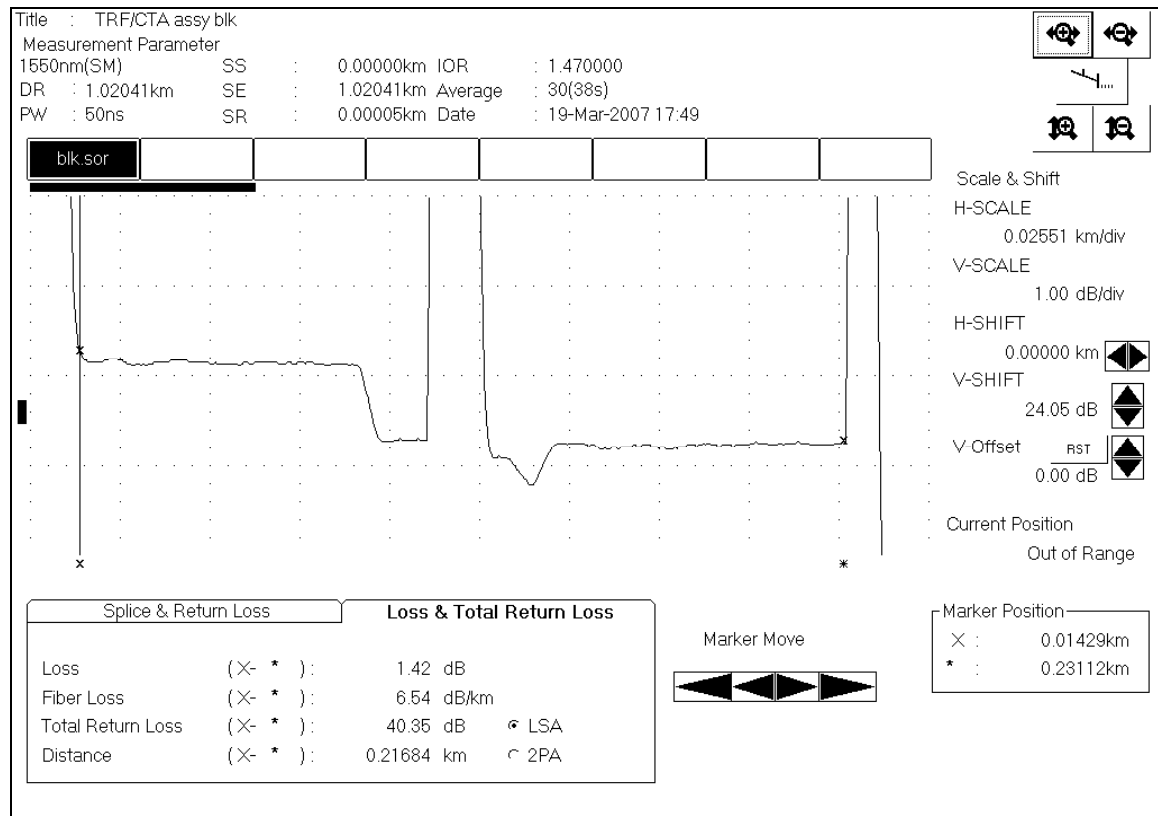
Aqua Fibre (Post Delivery Marine Express)



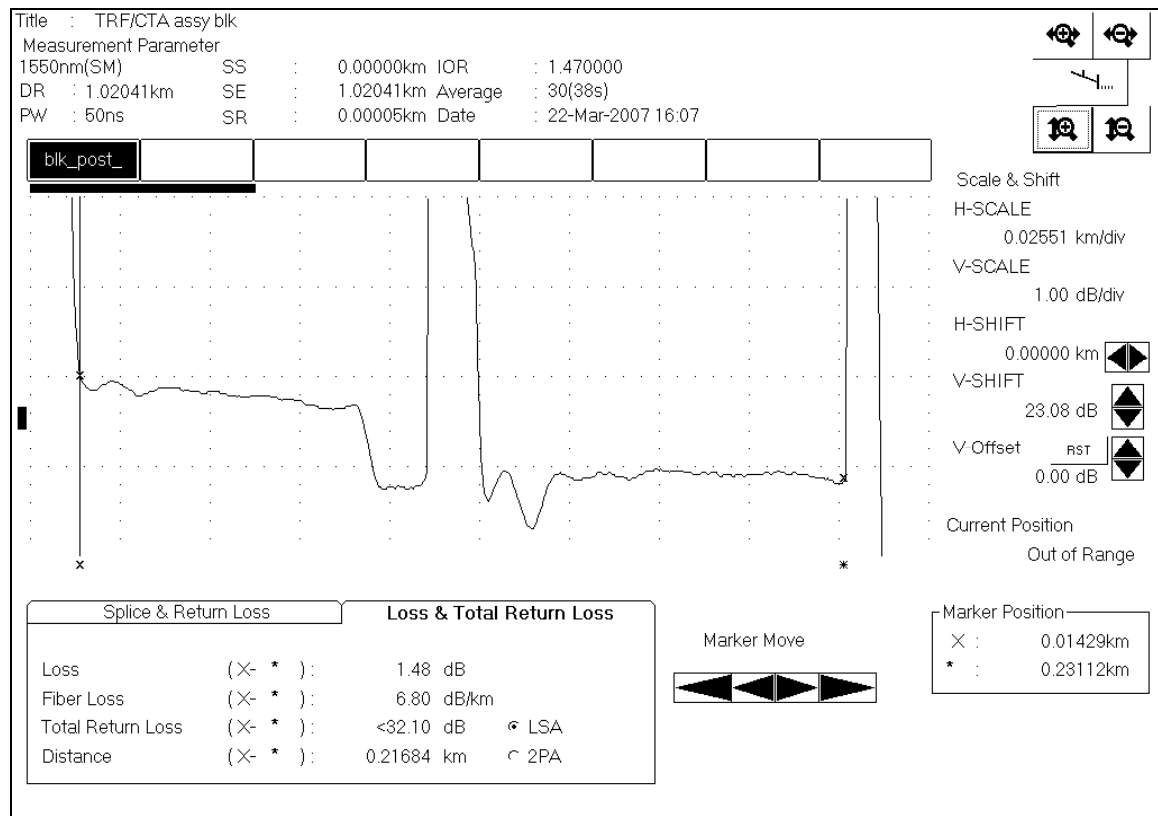
Aqua Fibre (Post Stress Test)

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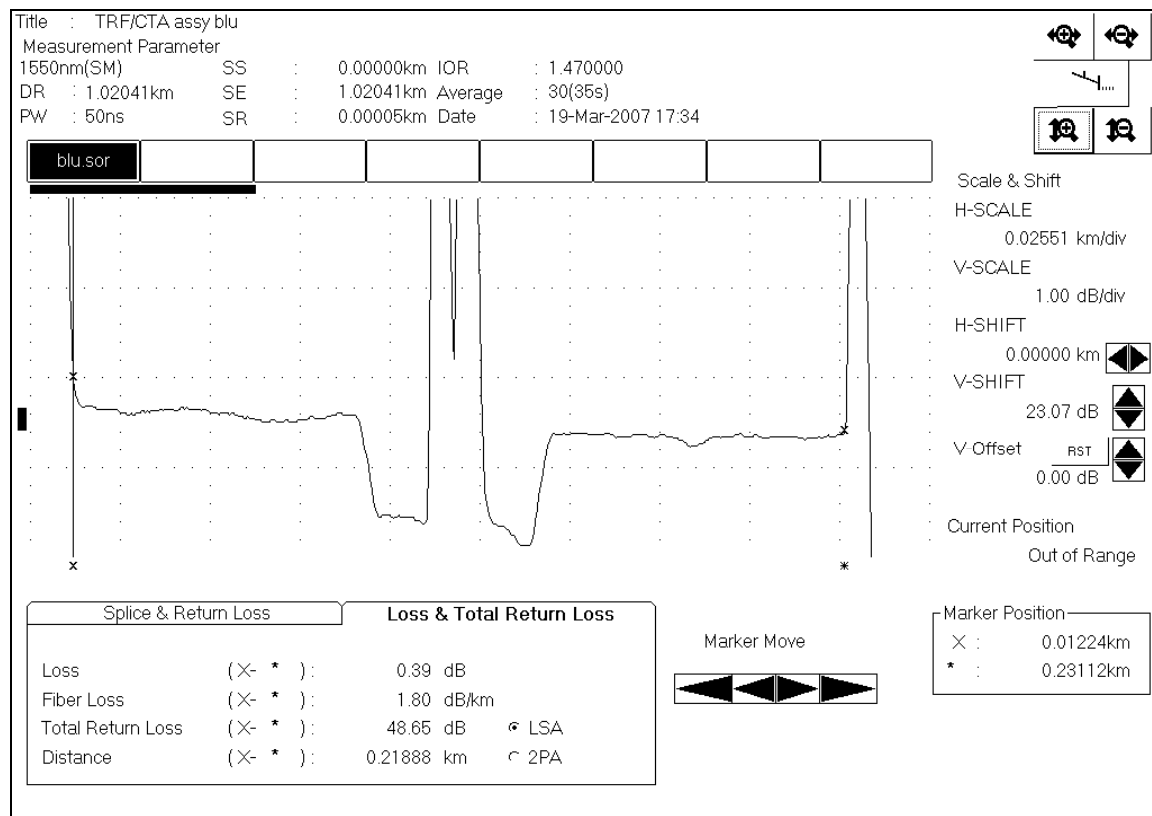
Black Fibre (Post Delivery Marine Express)



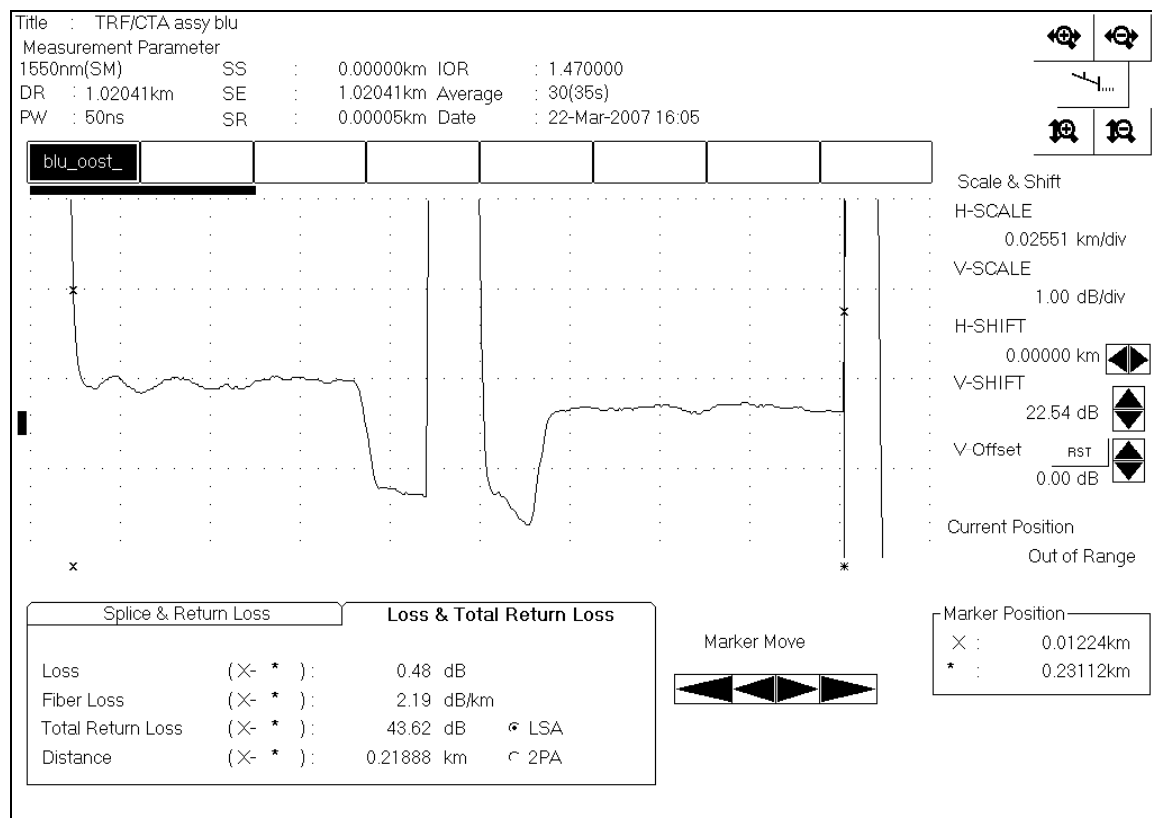
Black Fibre (Post Stress Test)

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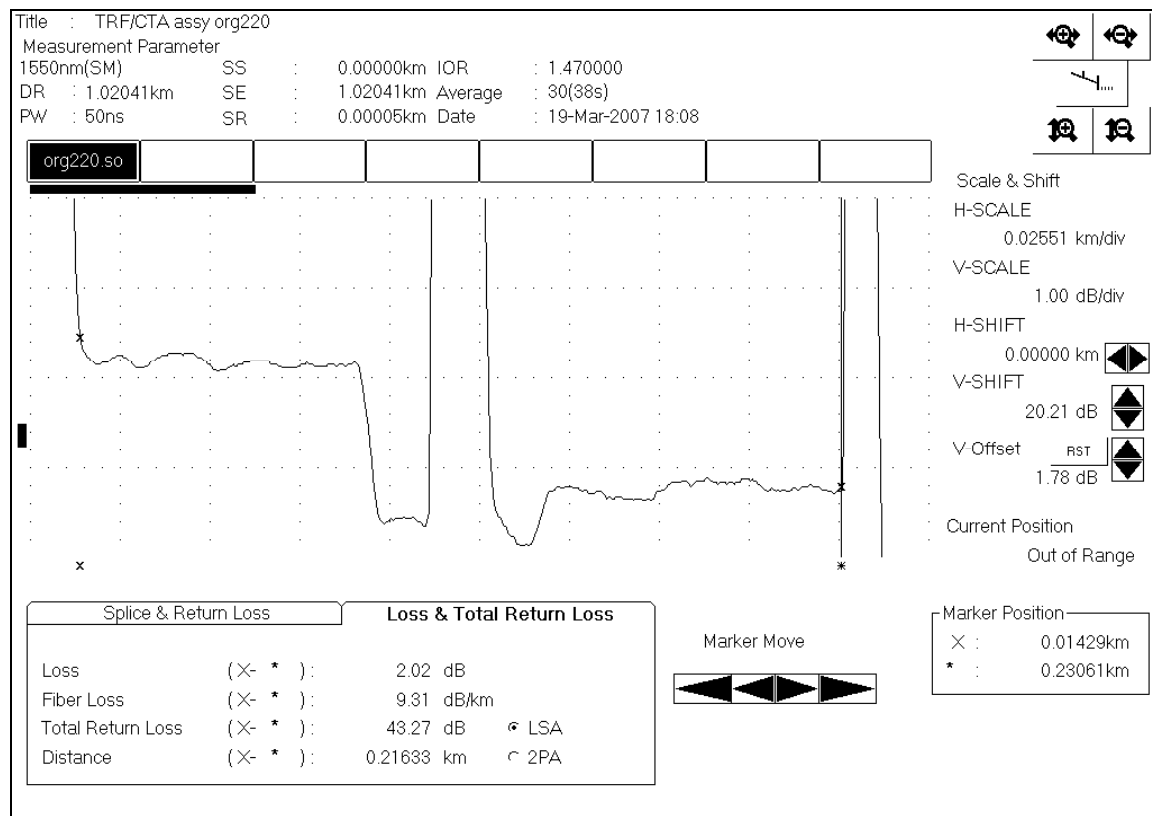
Blue Fibre (Post Delivery Marine Express)



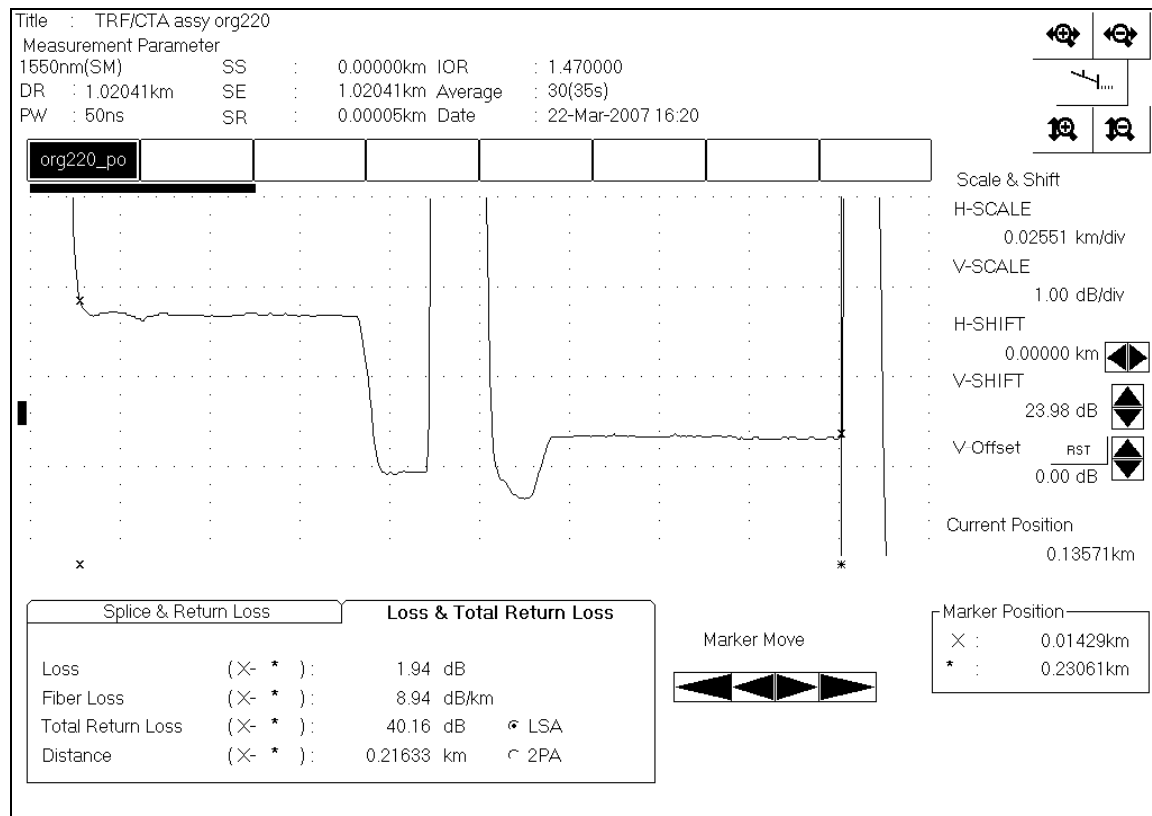
Blue Fibre (Post Stress Test)

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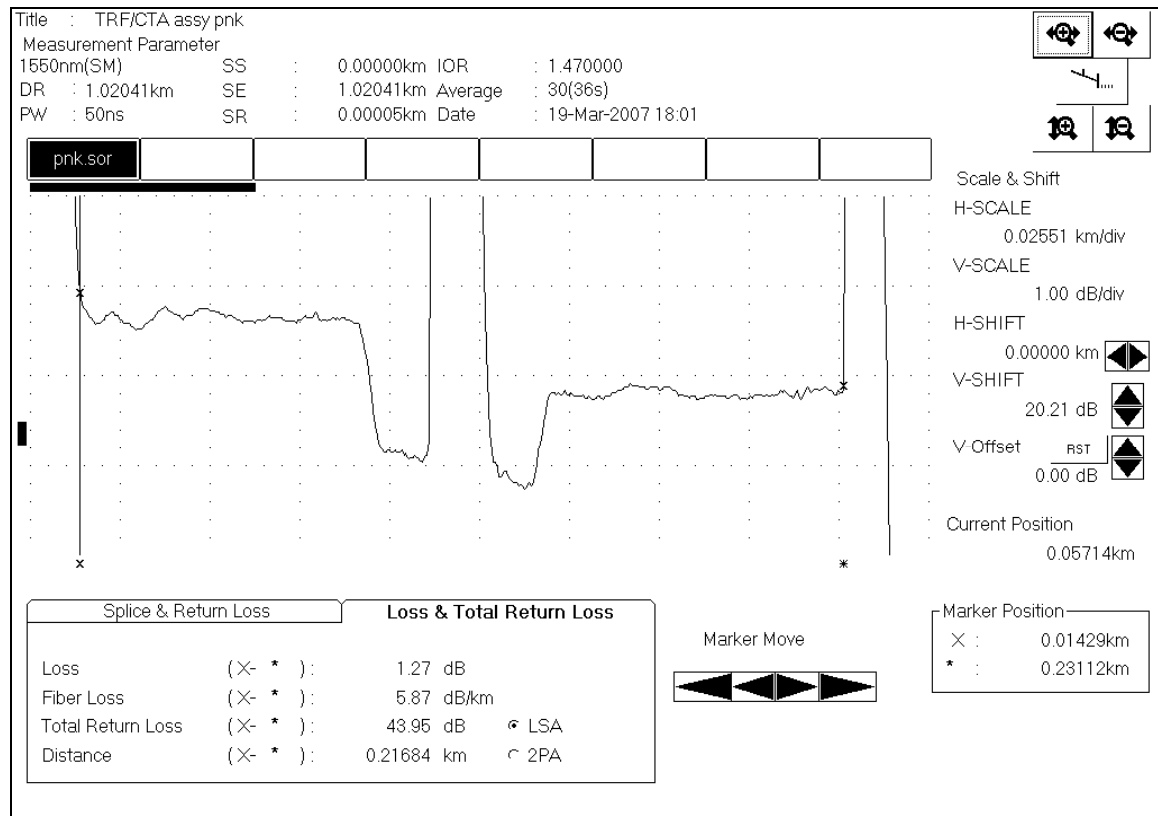
Orange 220 Fibre (Post Delivery Marine Express)



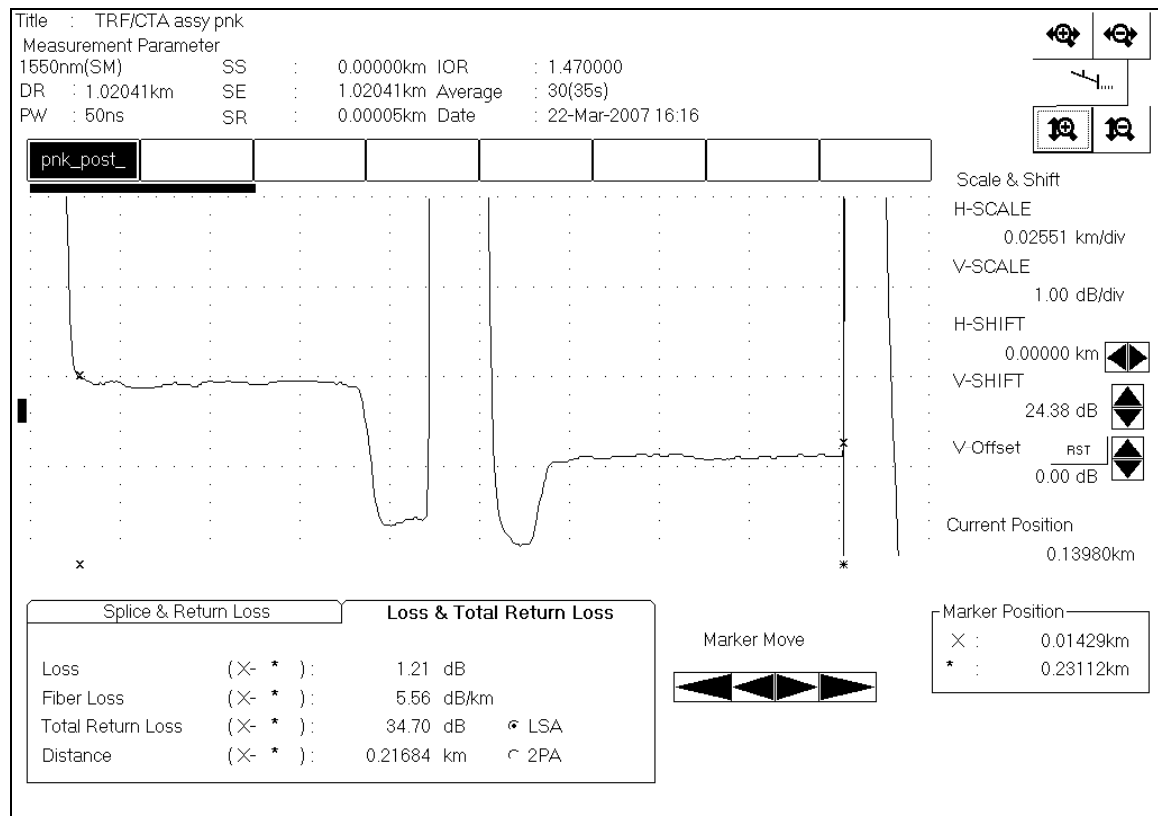
Orange 220 Fibre (Post Stress Test)

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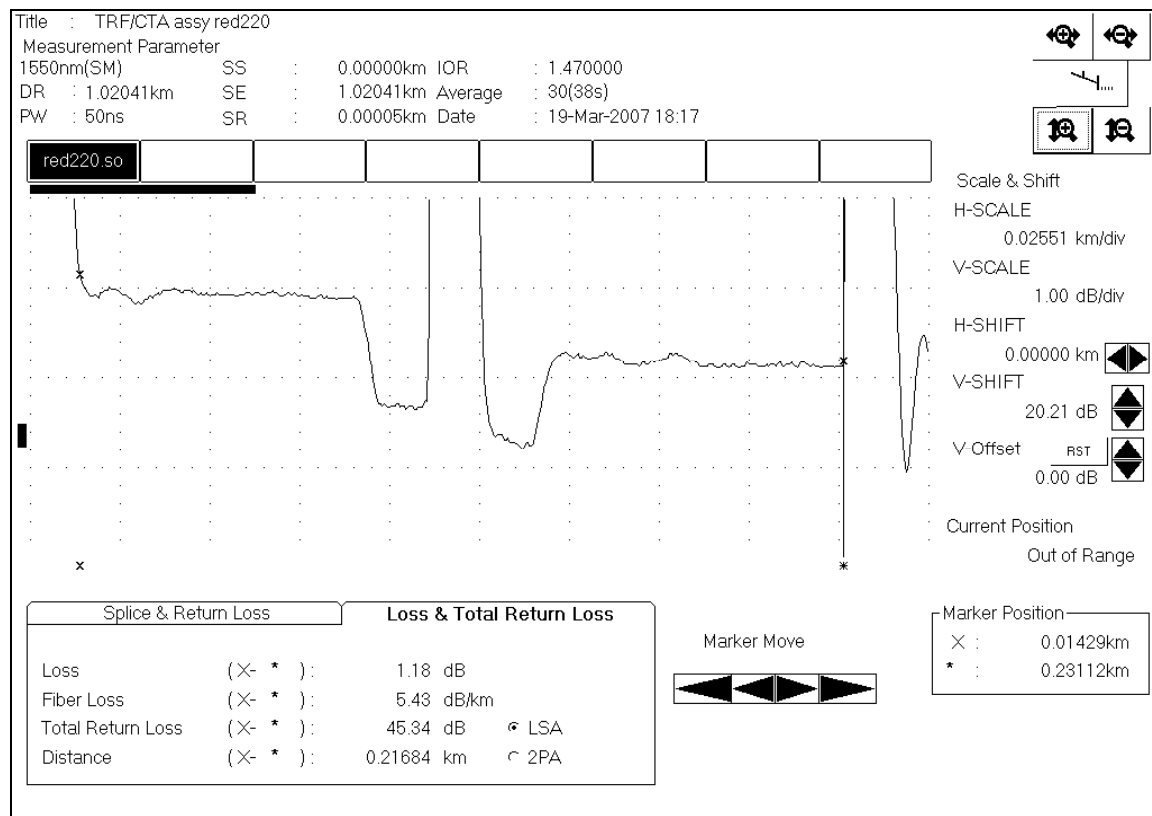
Pink Fibre (Post Delivery Marine Express)



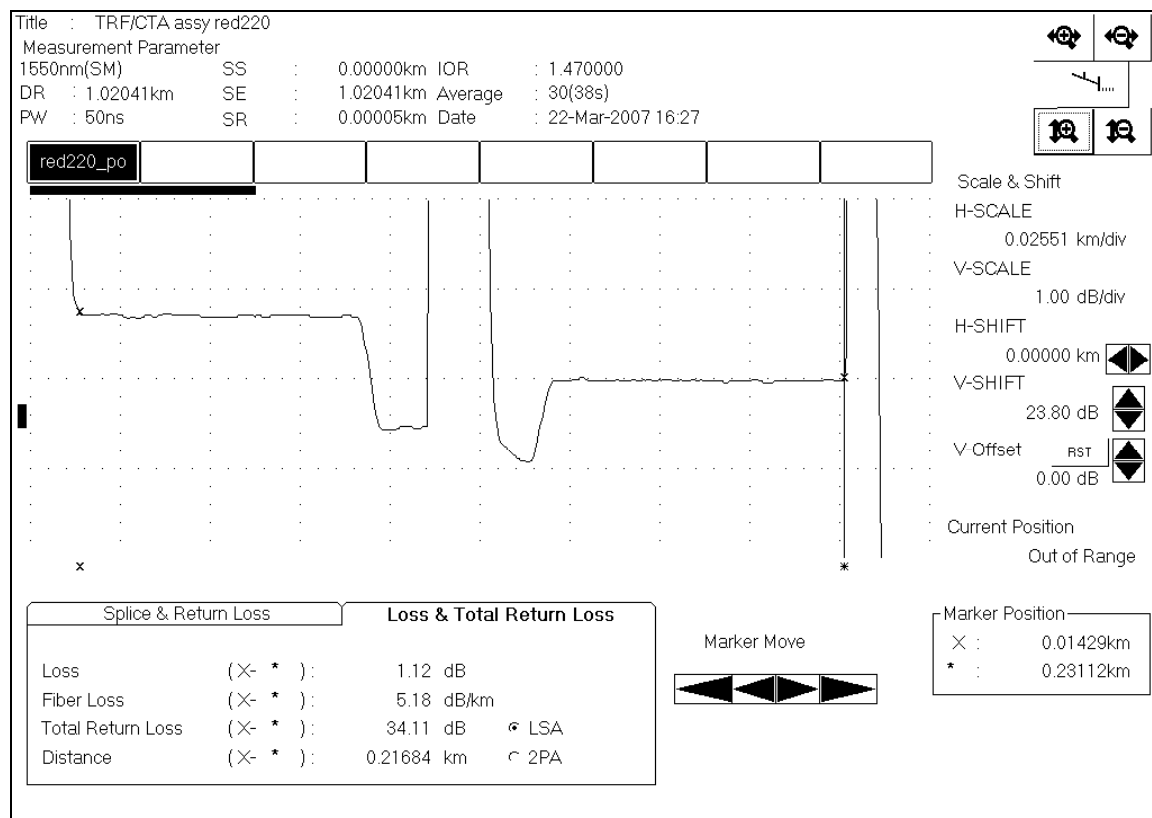
Pink Fibre (Post Stress Test)

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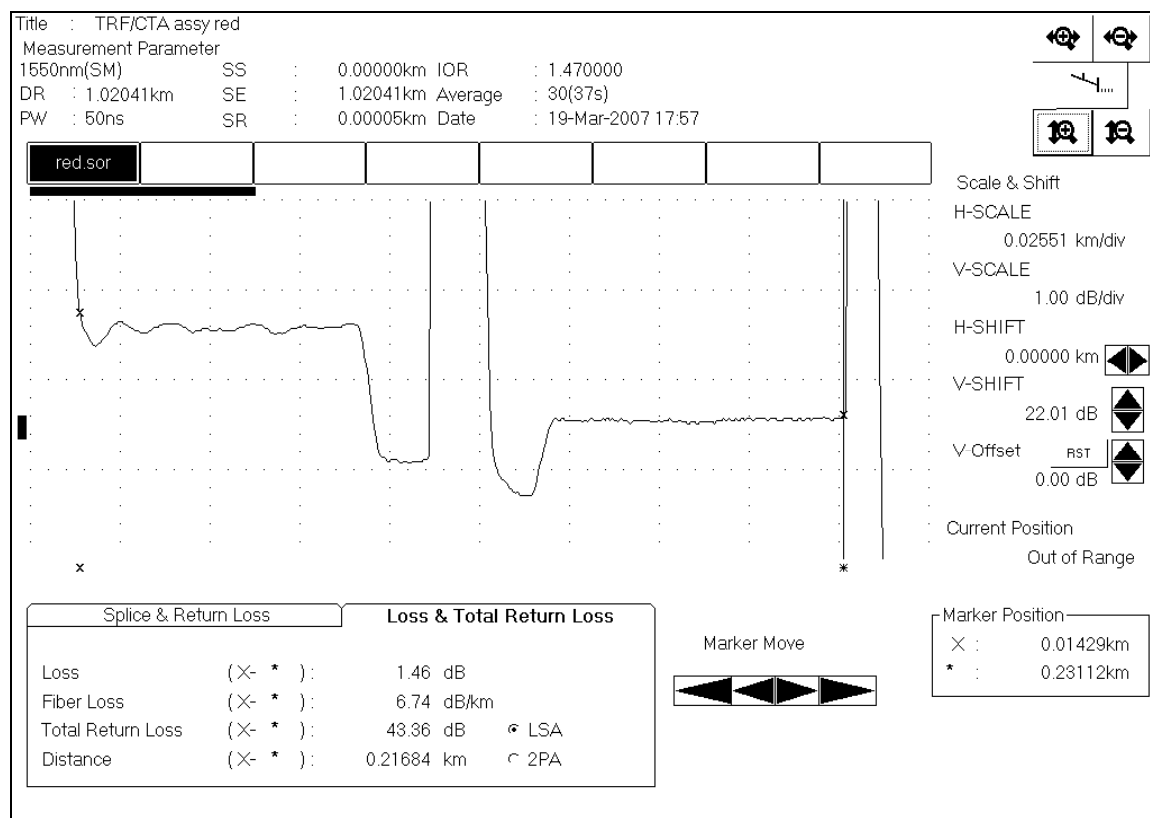
Red 220 Fibre (Post Delivery Marine Express)



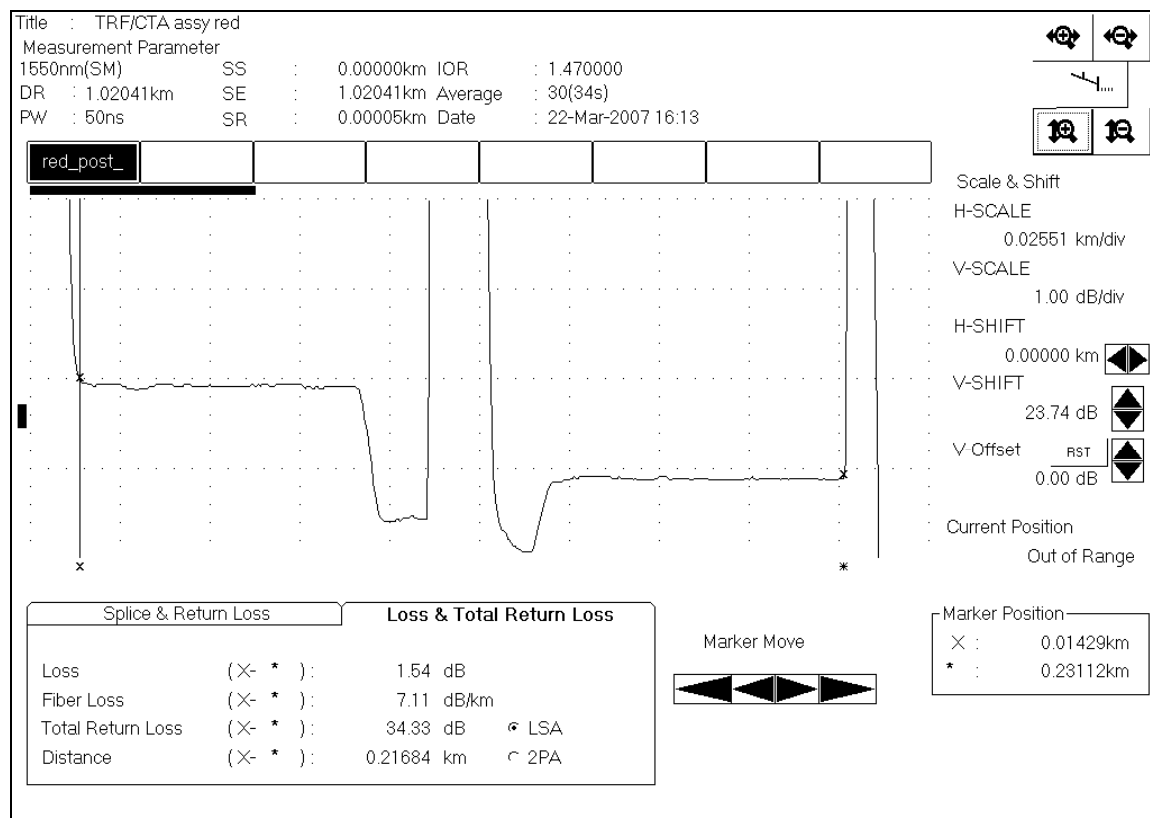
Red 220 Fibre (Post Stress Test)

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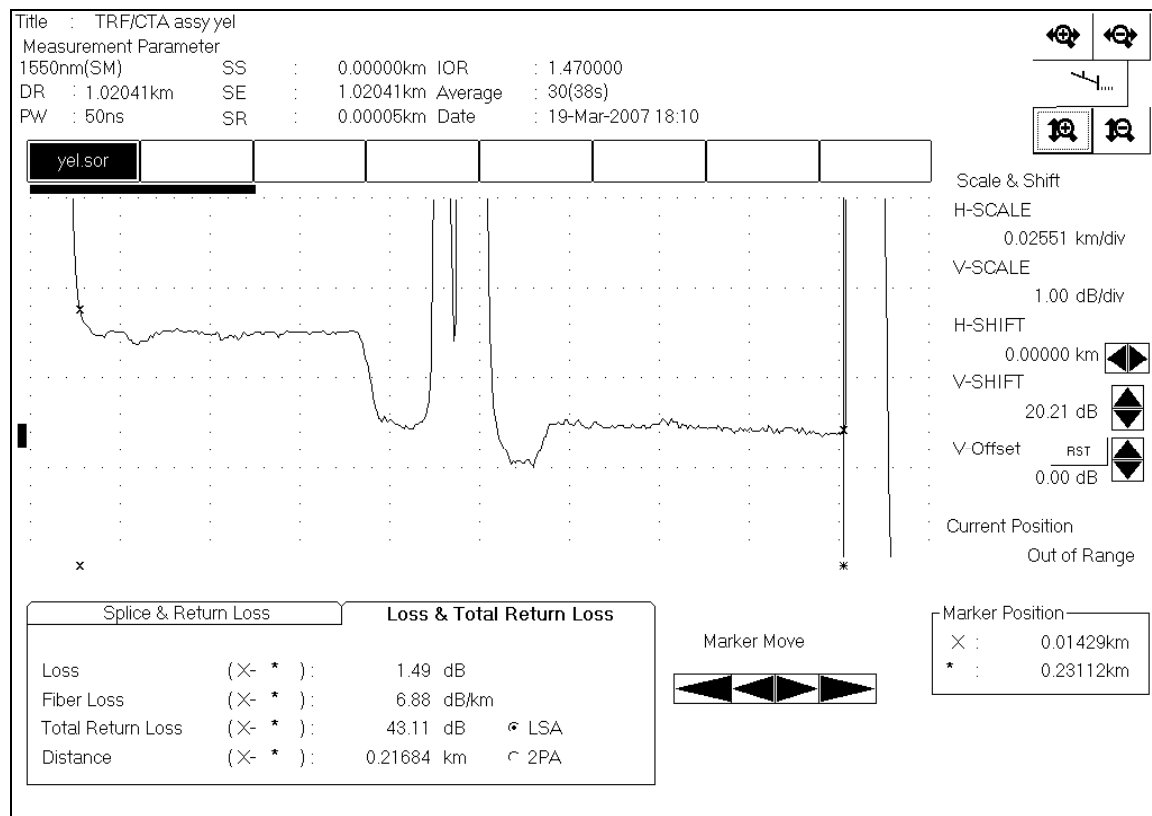
Red Fibre (Post Delivery Marine Express)



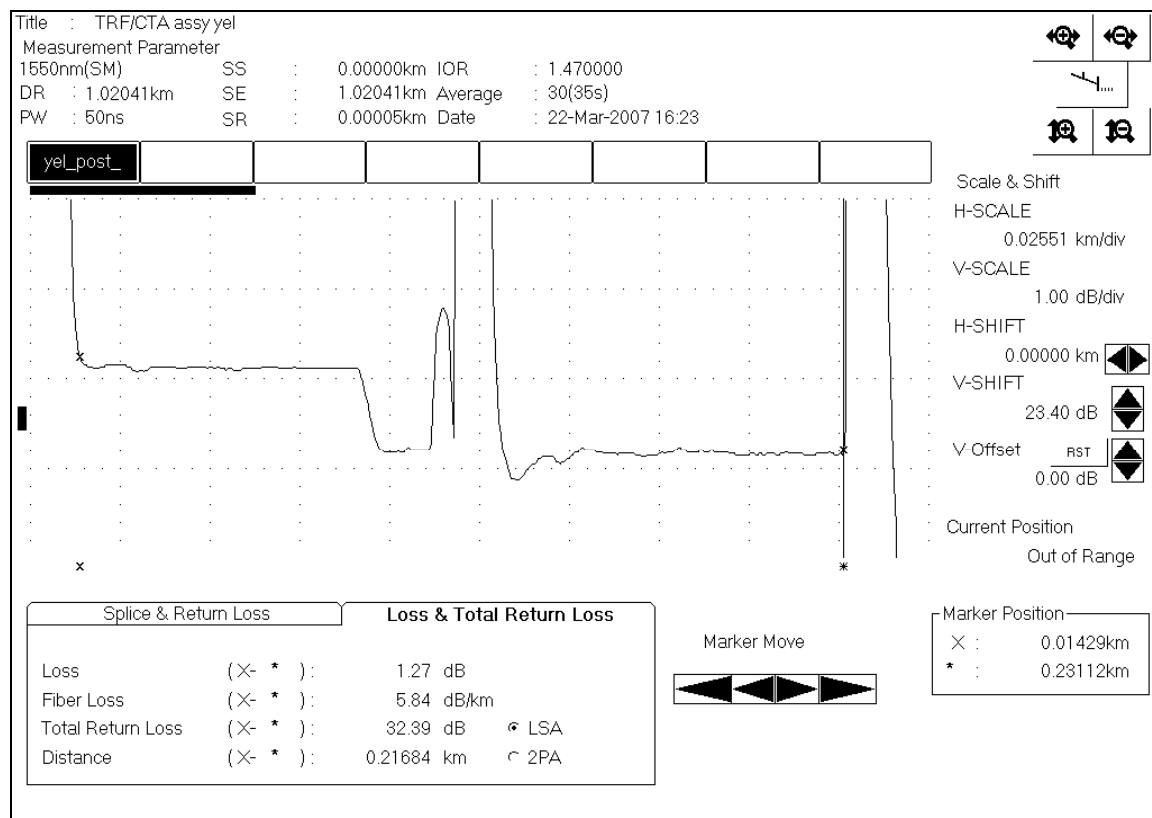
Red Fibre (Post Stress Test)

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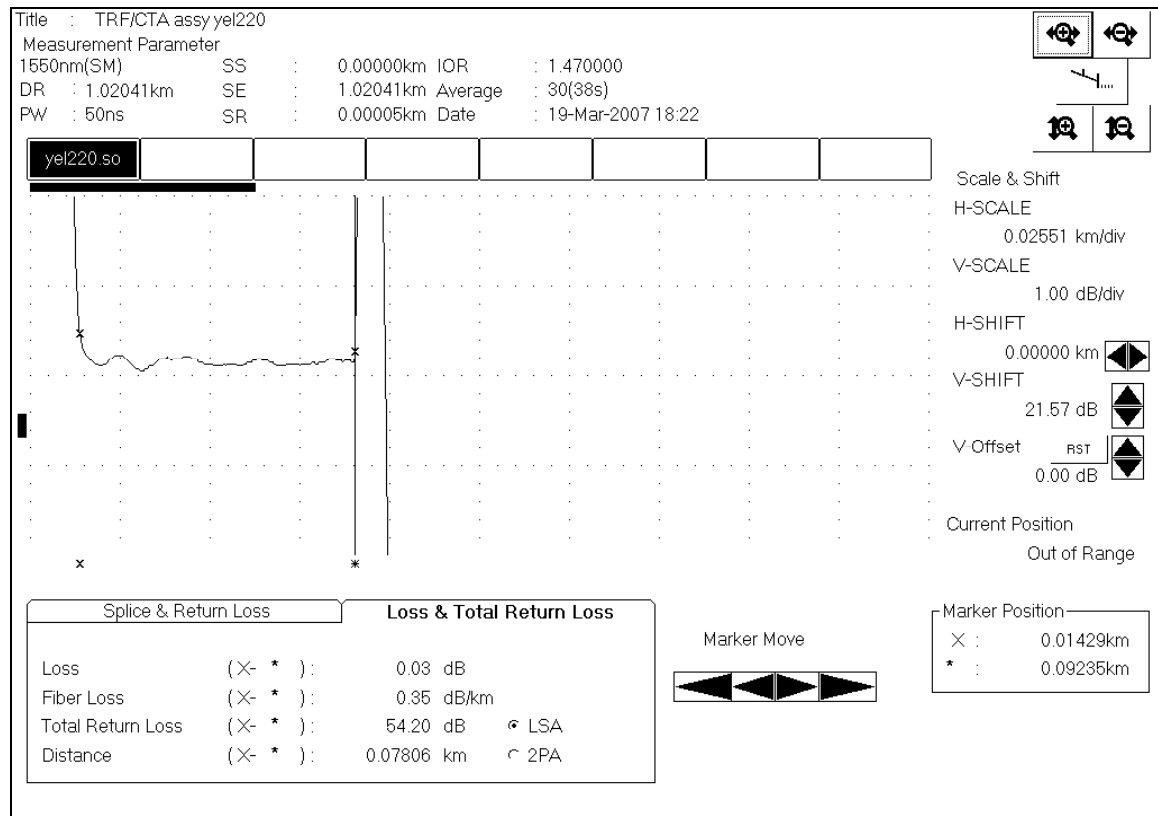
Yellow Fibre (Post Delivery Marine Express)



Yellow Fibre (Post Stress Test)

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Yellow 220 Fibre (Post Delivery Marine Express) Information Purposes Only

From OTDR Traces and bending fibres the following loop configuration was identified in the ODI loopback connector:

Aqua – Pink
 Blue – Orange 220
 Black – Yellow
 Red – Red 220

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SECTION 2 – INSULATION RESISTANCE MEASUREMENTS

Post Delivery Marine Express Insulation Resistance > 2GΩ after 2 minutes at 500V (19th March)

Post Stress Test Insulation Resistance > 2 GΩ after 2 minutes at 500V (22nd March)

SECTION 3 - PHOTOS



Cable secured to 40' container via preformed stopper outboard of anode joint.

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Load applied to remote cable end using pulley block and fork lift as dead man anchor

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Load applied to cable 1.130 Tonnes



Cable stored on dock side in figure 8 on completion of tests.