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## SOME MEASUREMENTS ANOMALIES WITH OPTICAL TIME DOMAIN REFLECTOMETER

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**Abstract:** Optical Time Domain Reflectometer (OTDR) is a versatile optical fiber tester characterizing fiber and optical networks. The instrument is able to detect, locate and measure events any place in the fiber link. The OTDR technique produces a pictorial record of loss and reflective events. However, from time to time unexpected events can result from backscatter measurements. False Fresnel reflections could be seen on the backscatter trace and apparent splice gains make the measurements innacurate.

**Keywoeds.** Optical Time Domain Reflectometer, fiber link.