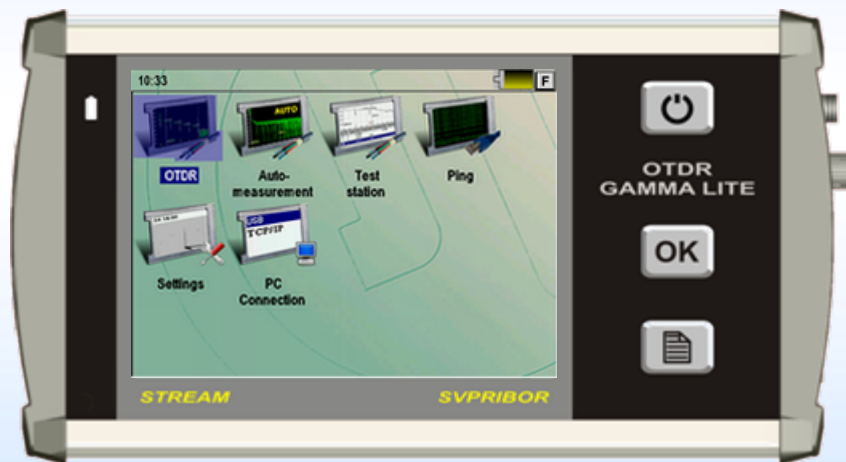


OTDR GAMMA LITE





OTDR TECHNICAL SPECIFICATIONS

GAMMA LITE



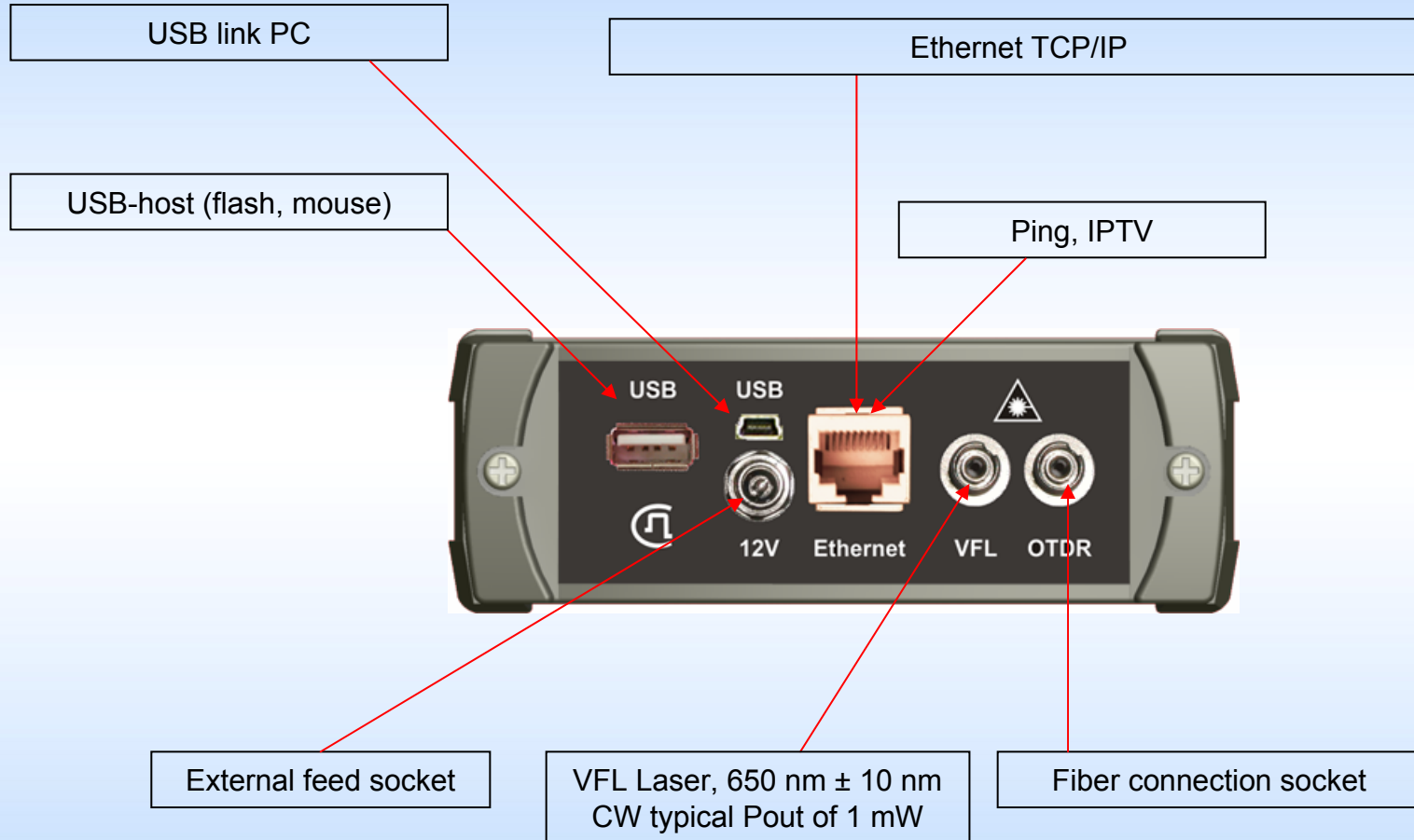
VFL, Ethernet analyzer,
IP Test (*Ping, IPTV*)
USB-host (*flash, mouse*)
One-touch measuring
Smart Marker
Test Station

- Color screen TFT 680x480
- TouchScreen
- Quick start
- PC link USB-port
- Standard format Bellcore
- Forming and Analysis of reports
- 4xLi-Ion
- 226x125x44 mm

Fiber tipe	Singlemode
Optical Connector	FC / PC
Wavelength, nm	1310±20 / 1550±20
Dynamic range, dB	32 / 30
Attenuation Dead zone, m	10
Event Dead zone, m	3
Pulse width, ns	8÷20 000
Range of the measured distances, km	5, 10, 25, 50, 75, 100, 160
Loss resolution, dB	0,001
Linearity, dB/dB	0,05
Sampling points	Up to 64 000
Sampling Resolution, m	0,2 ÷ 7,6



SOKCETS PANNEL



OTDR memory

Internal memory 1 GB



trace		press OK to change current folder	
	RFG file name	date	
template parameters	station1	28.12.2010-10-3...	
	station2	28.12.2010-10-3...	
	station3	28.12.2010-10-3...	
OK	USB_1		
	13.sor	28.12.2010-10-3...	
	15.sor	28.12.2010-10-3...	
	ab.sor	28.12.2010-10-3...	
	ba.sor	28.12.2010-10-3...	
delete all			
move	change name	create folder	delete folder
		save RFG	create template

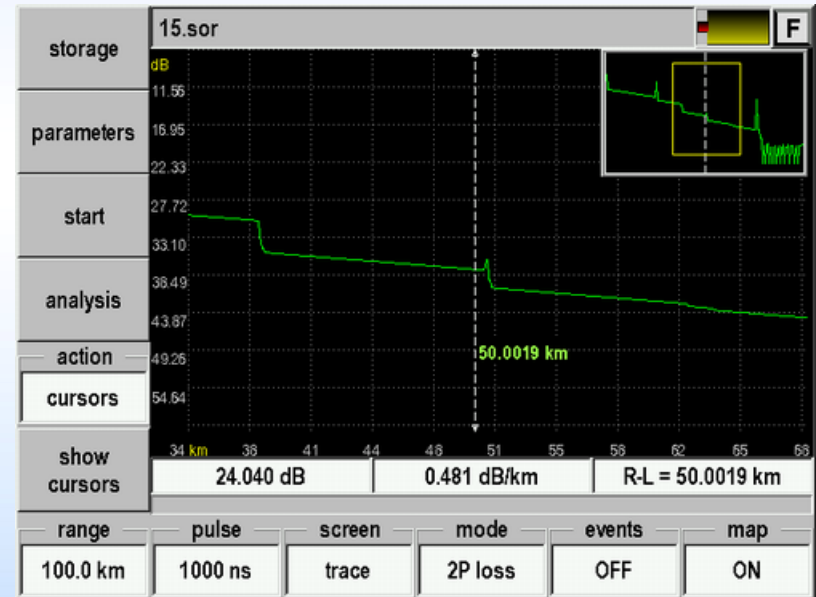
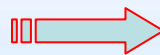
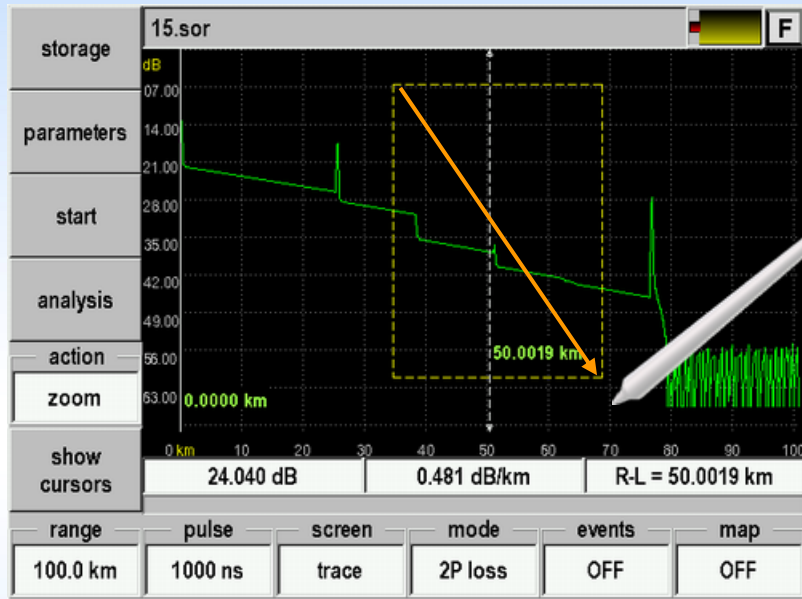
USB-Flash information in / out

trace		press OK to load STATION1_LINE8.ref.sor	
	RFG file name	date	
template parameters	STATION1_LIN...	28.12.2010-10-3...	
OK			
delete all			
move	change name	create folder	delete RFG
		save RFG	create template

GAMMA-LUX #032977
SvPribor OTDR Module #
1550 nm
n = 1.47109
Lmax = 2.0 km
Tp[0] = 512 ns
Nav = 2048



OTDR main screen





Smart Marker

storage 15.sor

parameters dB

start 17.71, 21.95, 26.19, 30.43

analysis

type	#	location (km)	loss (dB)	reflectance (dB)	attenuation (d
Ω	1	0.0000			

action

show cursors E-E

delete event

add event

move event

mode marker

Set smart-marker on event
and touch Ok:
the event is in the table

storage 15.sor

parameters dB

start 32.69, 36.94, 41.16, 45.42

analysis

type	#	location (km)	loss (dB)	reflectance (dB)	attenuation (d
Ω	1	0.0000		-30.818	
Ω	2	25.1729	1.627	-33.301	
Ω	3	37.8893	4.446		

action

scrolling

show cursors

delete event

add event

move event

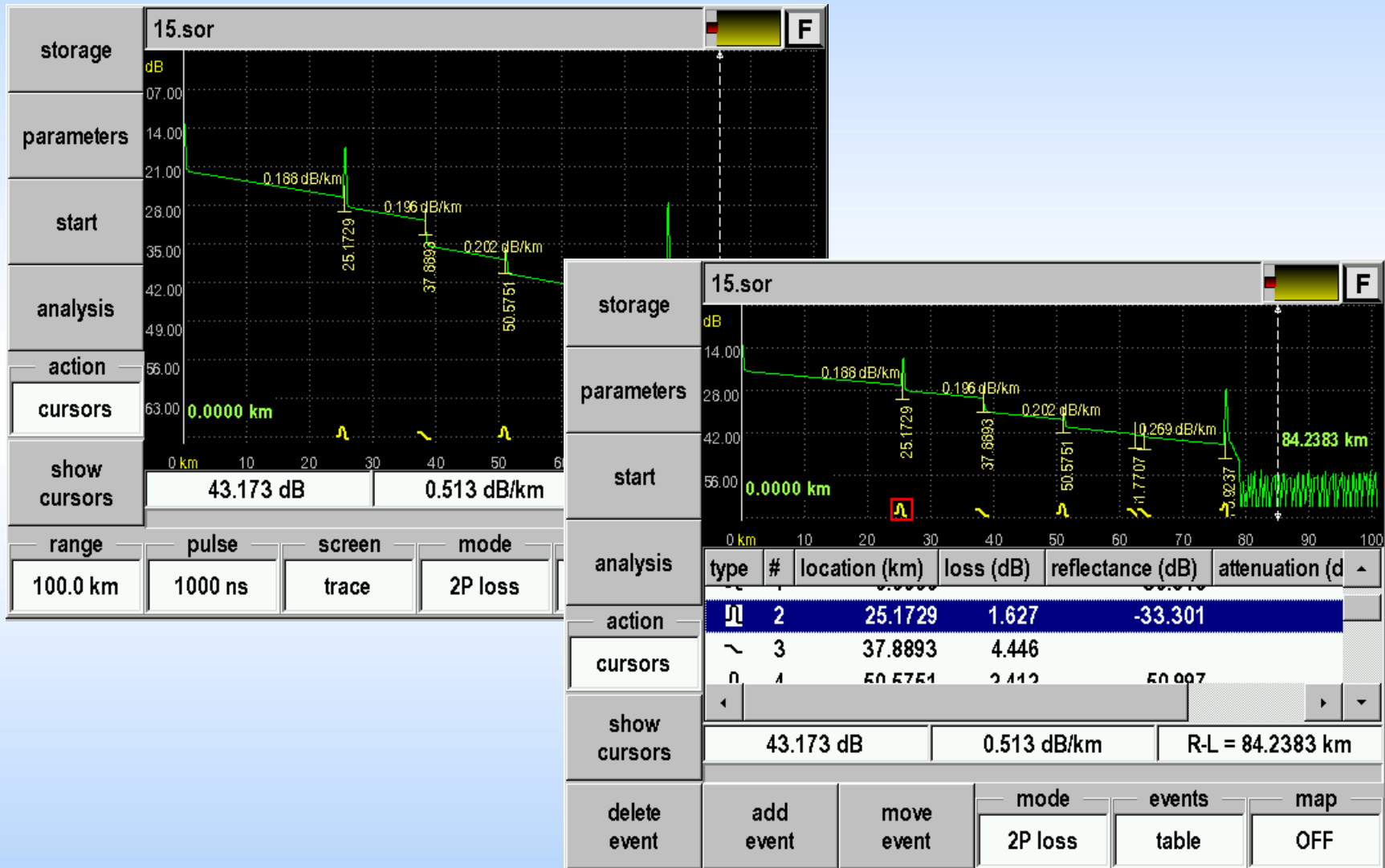
mode marker

events table

map ON

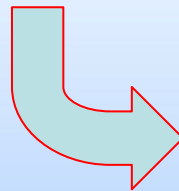
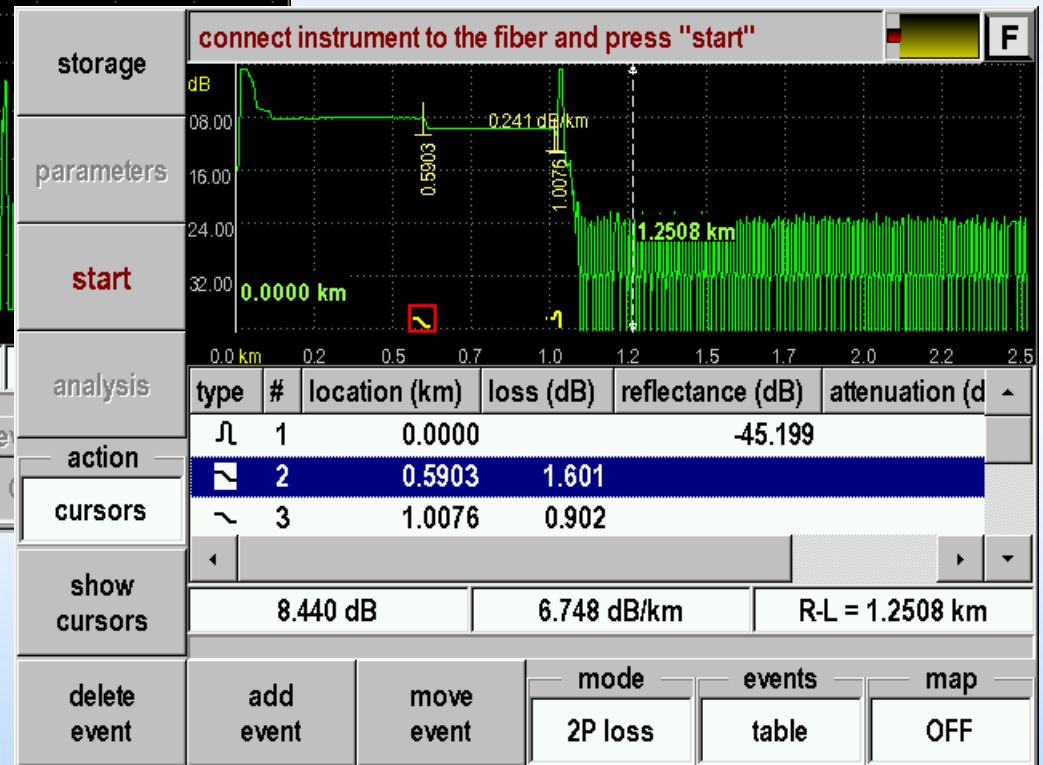
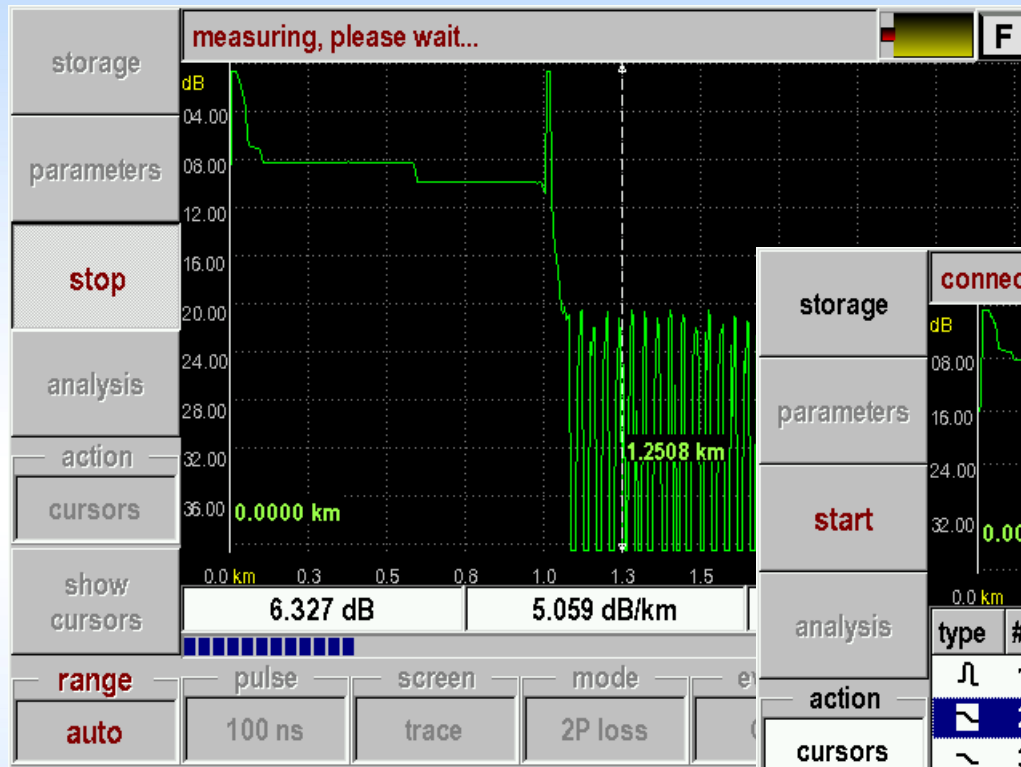


OTDR analysis





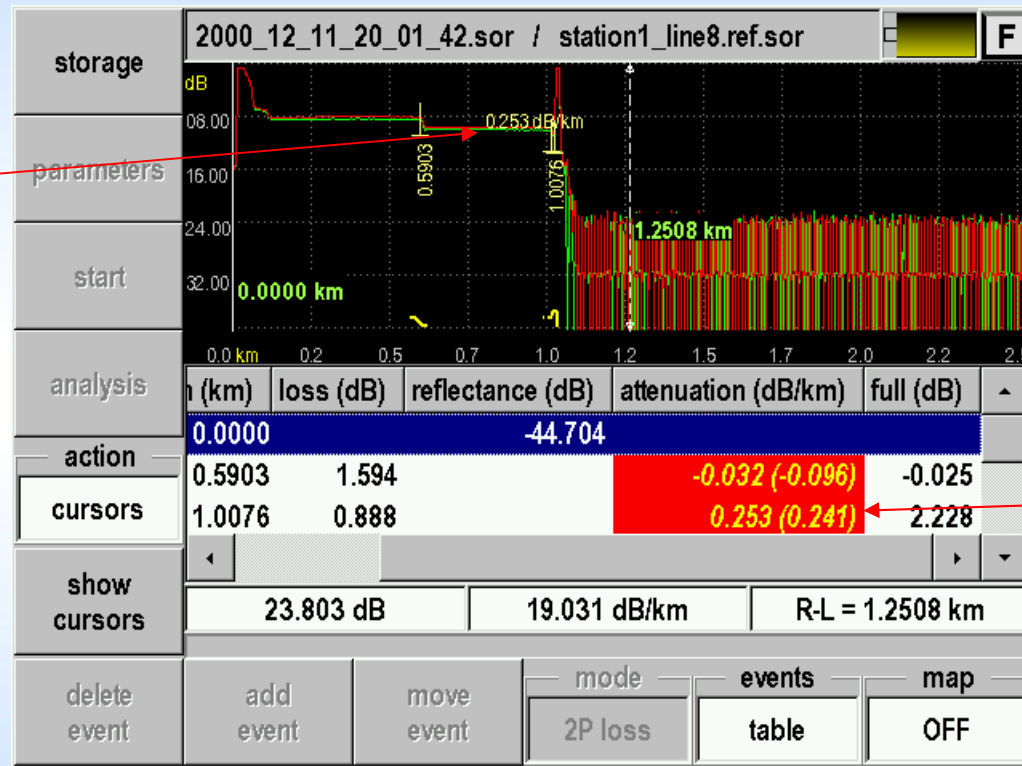
One-touch measuring





Test Station

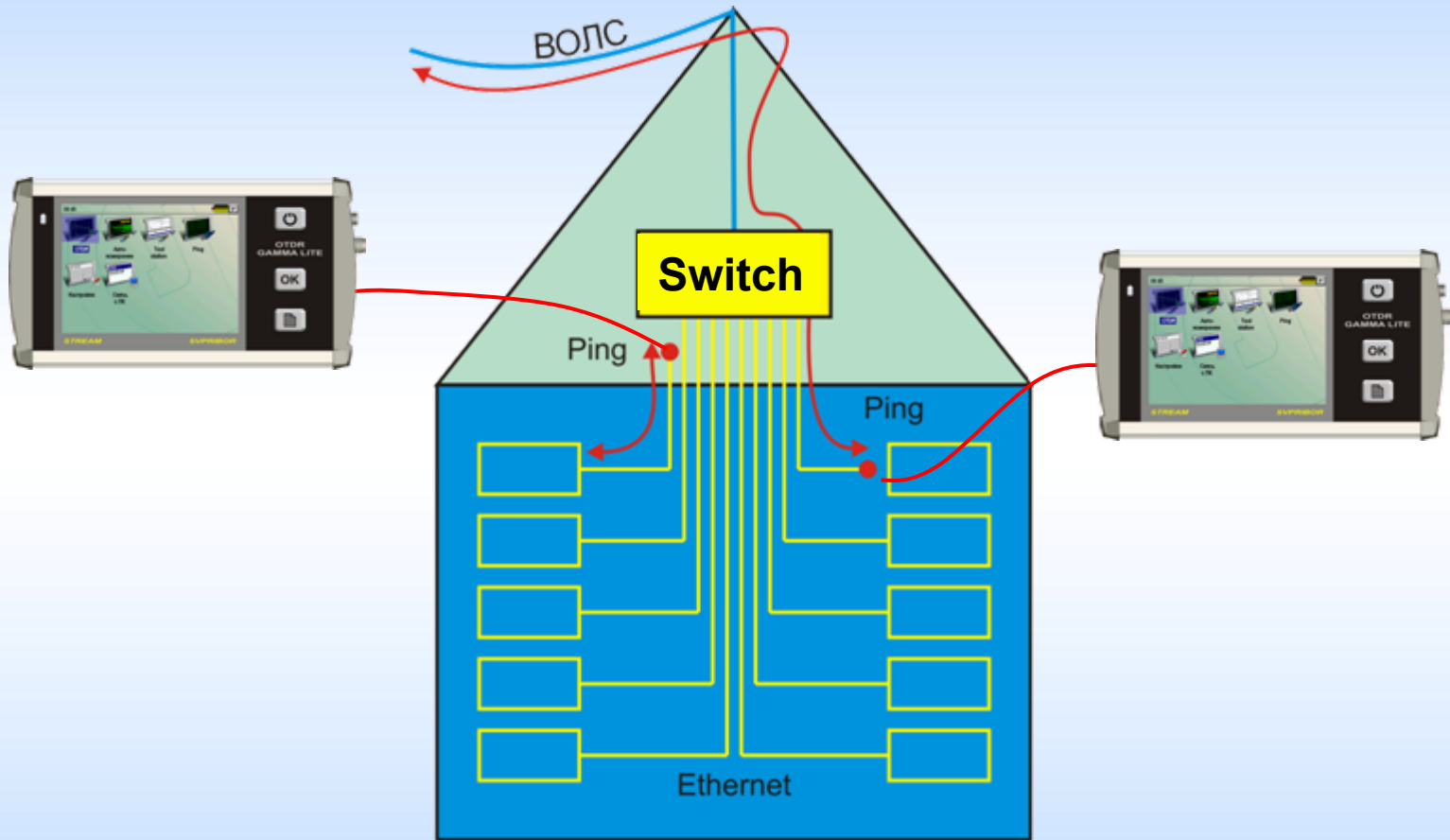
Loss



Red in table

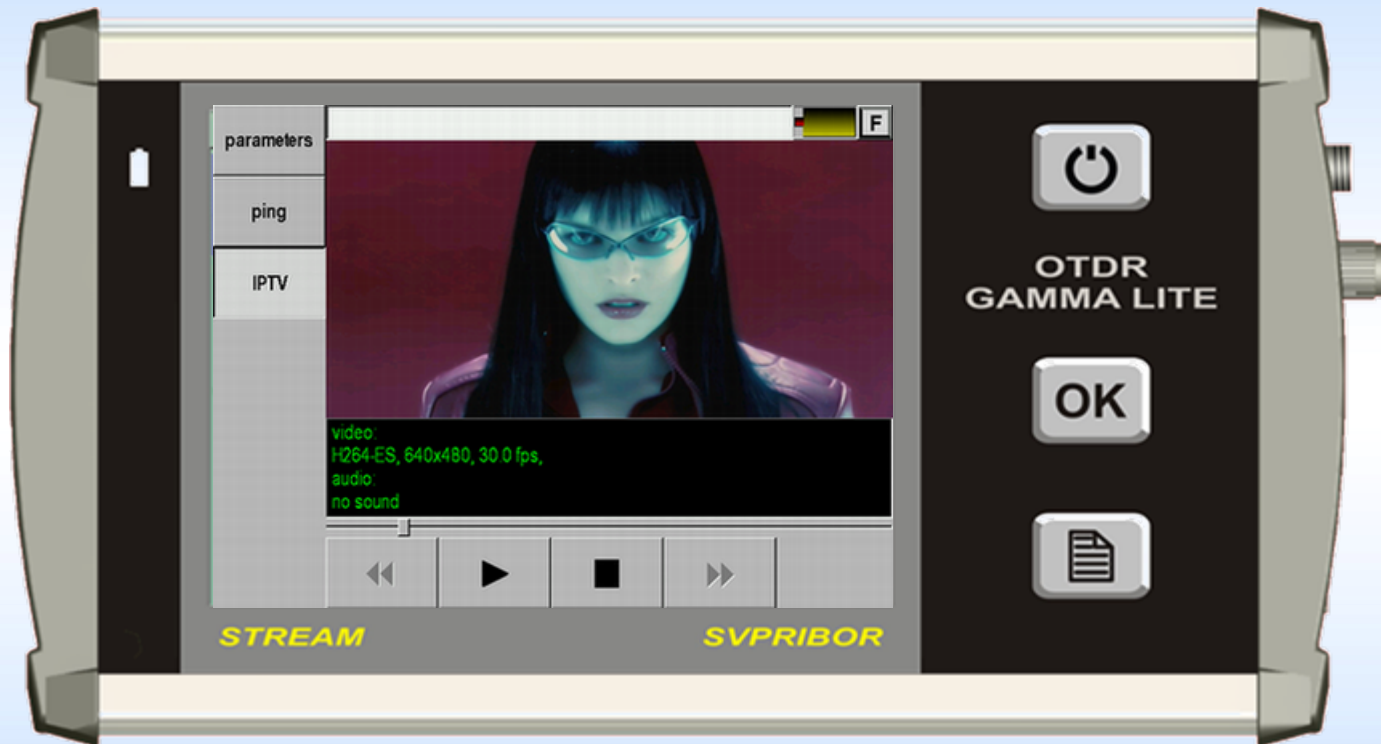


Ping





IPTV





Ethernet TCP/IP – OTDR on PC

PC link



setting properties of some applications	
parameter	value
IP address	192.168.1.252
MAC address	00:31:09:78:81:0
file name template	-
auto save RFG	OFF

Ethernet TCP/IP





Ethernet TCP/IP – OTDR on PC

Measuring with analysis with OTDR View

