

## Report of Calibration

**No.:** C101103

We confirm that, the below instrument meets or exceeds the manufacturers published specifications at the points tested. All measurements are traceable to national and/or international standards or have been derived by approved ratio techniques. This certificate may not be reproduced other than in full. Calibration certificates without signature and seal are not valid.

Model	DTX-1800
Serial №	9497003/9497004
Object	Cable Analyzer
Manufacturer	FLUKE
Inventory №	

Customer	Строй-ТК
Number of pages	5
Date of calibration	15-Nov-2010
Date of recalibration	15-Nov-2011
Tested by	A. Muravyeva

Seal



General director



Schreurs T. P. M.

### Alpha

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## Report of Calibration

No.: C101103

Date of calibration: 15-Nov-2010

### Identification

Unit under test DTX-1800  
 Serial № 9497003/9497004  
 Inventory number

### Calibration conditions

Environmental temperature (26±0.5) °C  
 Relative humidity (55±10)% RH

### Summary calibration information

Procedure completed  
 Failed test 0  
 Outgoing status instrument conform specification  
 Tested by A. Muravyeva  
 Calibration location Moscow  
 Calibration procedure manual, UluTest V1.2.026

### Remark:

- If the unit under test is used under rough conditions we recommend to decrease the calibration interval period, the calibration interval (due date) is the responsibility of the end user.
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Model	Serial no:	Asset no:	Due to date:	Certificate no:
FEXTIL VER	8666175	DTX CAL KIT1	12/14/2010	8666175:1172764773
CABLE VER	427529	DTX CAL KIT1	12/14/2010	9058003:1135248687
NEXT VER MAIN/REMOTE	8666053	DTX CAL KIT1	12/14/2010	8666053:1172765009
RL VER MAIN/RAMOTE	8666013	DTX CAL KIT1	12/14/2010	8666013:1172764865

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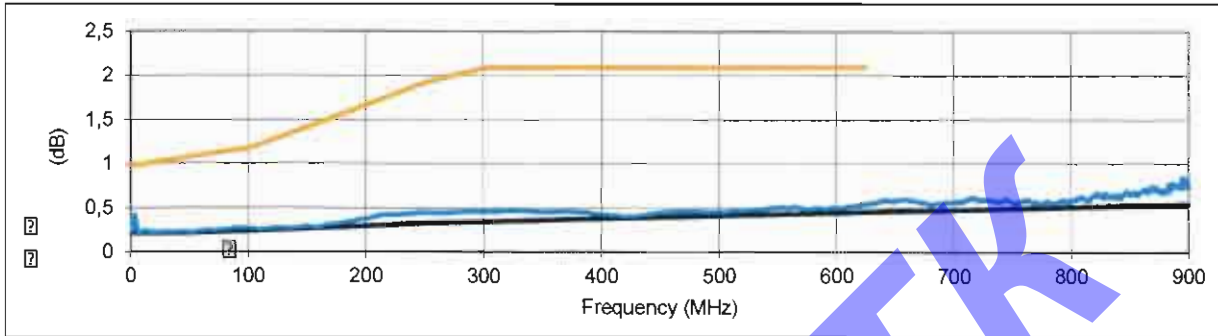
# DTX CableAnalyzer Calibration Certification Report

CalNet Calibration	FLUKE
Cert. No.	C101103
Cal. Date	15-Nov-10
Due to	15-Nov-11
Tech.	[Signature]

Main	DTX-1800	9497003	Test Date	2010 10:37:18 15.11.2010 10:37:
Remote	DTX-1800R	9497004	Test Pgm	UluTest v1.2.026 30-Sep-2009

## Insertion Loss

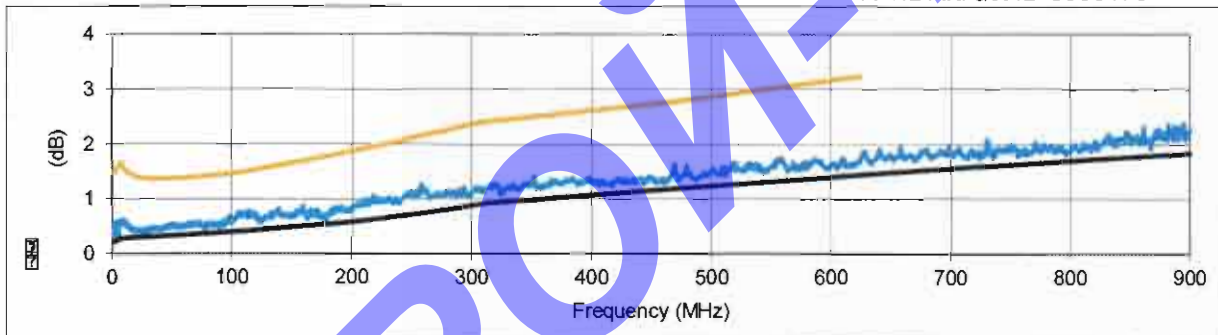
FEXT/IL Artifact SN 8666175



Pass Worst margin: 0.562 at 2.875 MHz in pair 36. Worst accuracy at each frequency shown.

## FEXT Loss

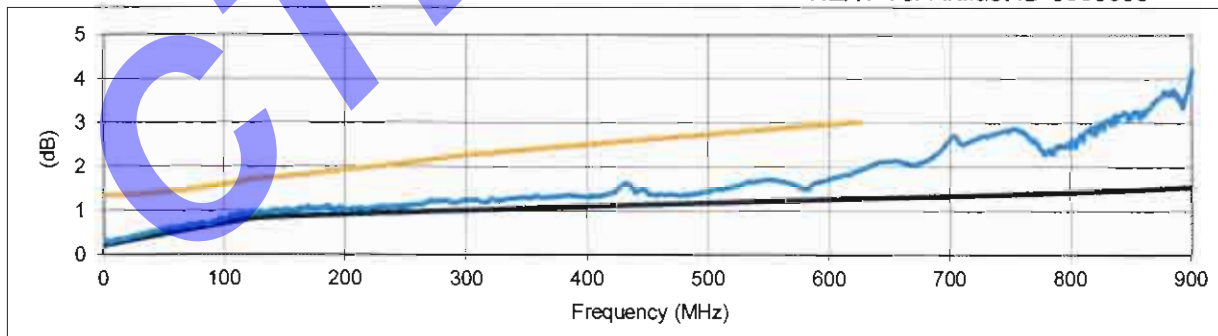
FEXT/IL Artifact ID 8666175



Pass Worst margin: 0.721 at 104.5 MHz in pair 45-78. Worst accuracy at each frequency shown.

## Main unit NEXT

NEXT Ver Artifact ID 8666053



Pass Worst margin: 0.709 at 104.5 MHz in pair 36-78. Worst accuracy at each frequency shown.

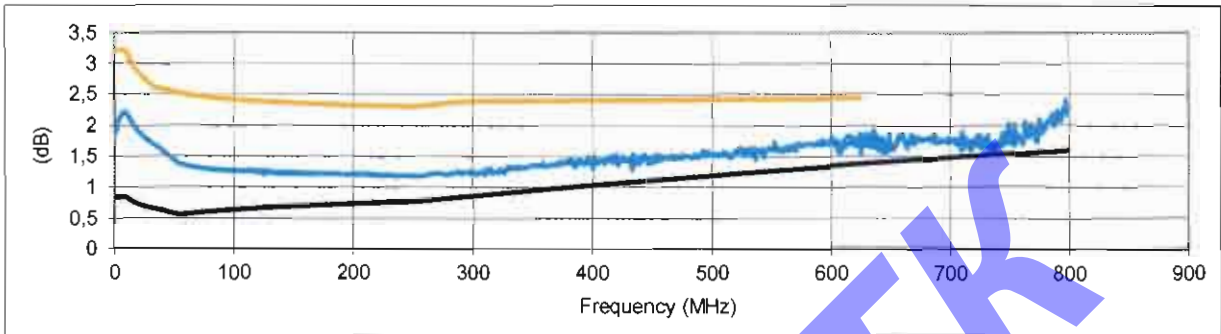
- Measurement accuracy requirement for nominally compliant Level IV field testers.
- Measured difference of DTX and reference laboratory equipment added to measurement accuracy of reference laboratory equipment. Worst accuracy at each frequency shown.
- Estimated accuracy of reference laboratory equipment.

# DTX CableAnalyzer Calibration Certification Report

Main	DTX-1800	9497003	Test Date 2010 10:37:18 15.11.2010 10:37:
Remote	DTX-1800R	9497004	

## Main unit Return Loss

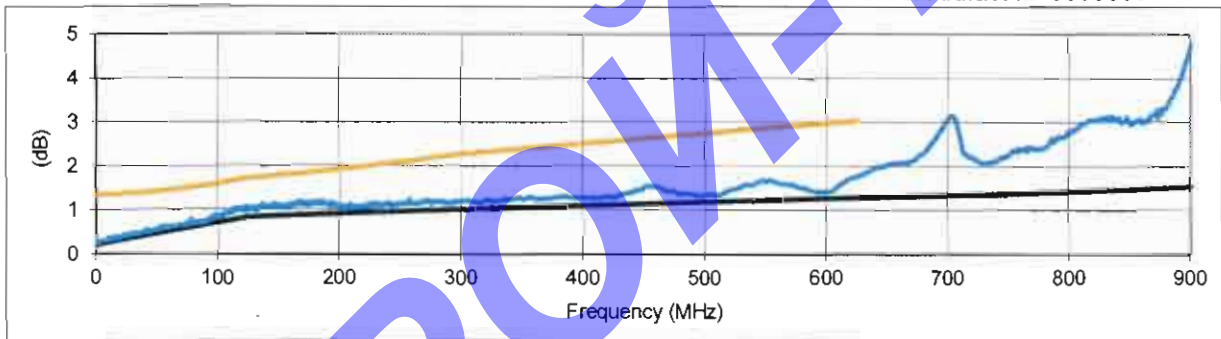
RL Ver Artifact ID 8666013



Pass Worst margin: 0.575 at 624 MHz in pair 78. Worst accuracy at each frequency shown.

## Remote unit NEXT

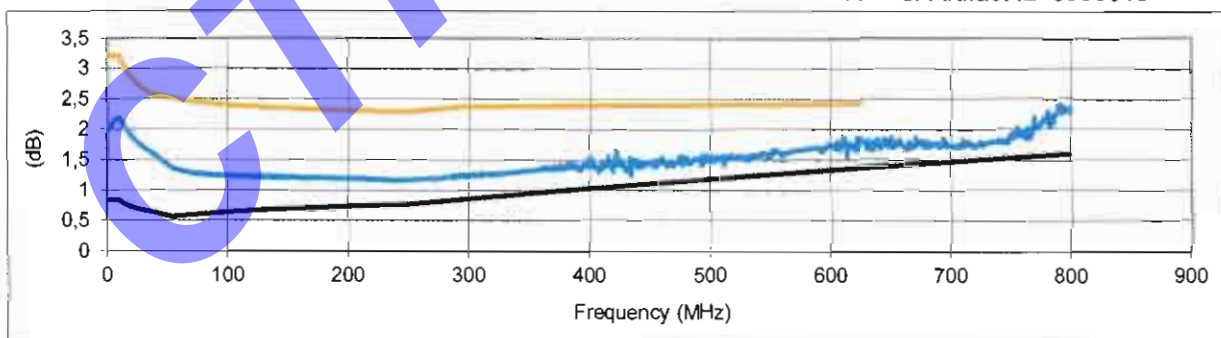
NEXT Ver Artifact ID 8666053



Pass Worst margin: 0.617 at 137.5 MHz in pair 12-45. Worst accuracy at each frequency shown.

## Remote unit Return Loss

RL Ver Artifact ID 8666013



Pass Worst margin: 0.537 at 610 MHz in pair 78. Worst accuracy at each frequency shown.

- Measurement accuracy requirement for nominally compliant Level IV field testers.
- Measured difference of DTX and reference laboratory equipment added to measurement accuracy of reference laboratory equipment. Worst accuracy at each frequency shown.
- Estimated accuracy of reference laboratory equipment.

**DTX CableAnalyzer**  
**Calibration Certification Report**

Main	DTX-1800	9497003	Test Date 2010 10:37:18			
Remote	DTX-1800R	9497004				
<b>Propagation Delay</b>						
	Standard	Meas	Deviation	Allow Dev	Cable Artifact Sn Units	427529 Result
Pair 12	488,00	489,75	1,75	20,00	ns	<b>Pass</b>
Pair 36	495,00	497,05	2,05	20,00	ns	<b>Pass</b>
Pair 45	492,00	494,08	2,08	20,00	ns	<b>Pass</b>
Pair 78	482,00	484,37	2,37	20,00	ns	<b>Pass</b>

СТРОЙ-ТК