

# Certificate of Calibration

## Fluke Nederland B.V.

<b>Certificate Number:</b>	SA01492311	<b>Date of Calibration:</b>	24 Dec 2025
<b>Receive Condition:</b>	IN TOLERANCE	<b>Date of Recalibration:</b>	24 Dec 2026
<b>Return Condition:</b>	IN TOLERANCE	<b>Place of Calibration:</b>	Eindhoven
<b>Manufacturer:</b>	FLUKE	<b>Temperature within:</b>	(23.0 ± 3) °C
<b>Model:</b>	DSX-602 INT	<b>Humidity within:</b>	(45 ± 20) %rh
<b>Serial Number:</b>	24090046-24030320		
<b>Description:</b>	500 MHZ CABLEANALYZER V2, W/WIFI		
<b>Procedure:</b>	Manual Procedure		

**Customer:** ASSMANN DISTRIBUTION SP. Z O.O.  
 PL-54-517 WROCLAW

**Customer Asset ID:** -

**RMA Number:** 606367696

All measurements are traceable to national and/or international standards or have been derived by approved ratio techniques.

This calibration is performed by a DEKRA certified lab for ISO 9001. This certificate may not be reproduced other than in full. Calibration certificates without signatures, either electronic or handwritten, are not valid.



**Issue Date:** 24 Dec 2025

Electronically signed

**Authorized By**

D.B.J. Smits

# Certificate of Calibration

**Certificate Number:** SA01492311

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**Remarks**

- The calibration status found in this certificate on the top of each results page must be interpreted as:
  - As Found : Data collected before the unit was adjusted and / or repaired
  - As Left : Data collected after the unit has been adjusted and / or repaired
  - Found / Left : Data collected without any adjustment and / or repair performed
- The calibration interval (due date) is the responsibility of the end user.
- This unit under test is equipped with a line voltage power supply, and a safety test was performed according to the European norm 'Operation of electrical installations' NEN-EN 50110-1 release 2013 and the Dutch norm NEN 3140 release 2015 paragraph 5.102.12 through 5.102.16.
- Temperature conversions (if applicable) are performed according to ISO/IEC 60584:2013 for thermocouples, and ISO/IEC 60751:2022 for resistance temperature devices.

**Standards and test-equipment used**

Inventory No	Model	Due to
WP2391	DSX-CALVERST	25 Nov 2026

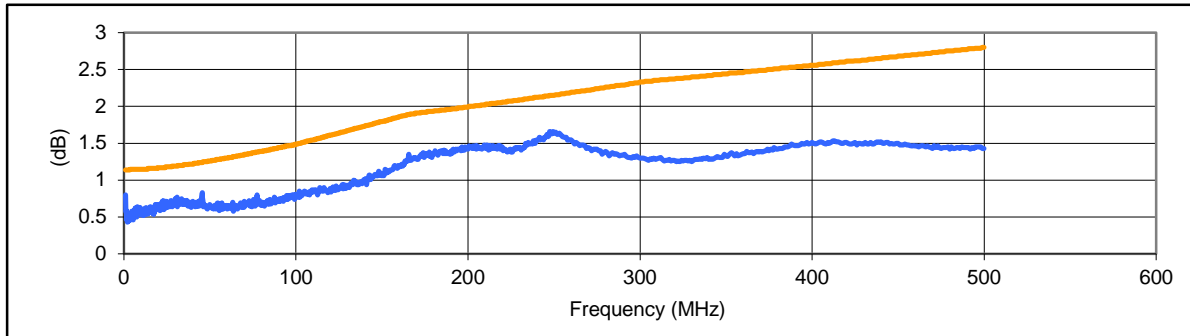
# Found-Left Report

Model **DSX-602 : 500 MHz Cable Analyzer V2**  
 Serial Number **24090046**

Test date 24-Dec-25  
 Page 1 of 3

## NEXT

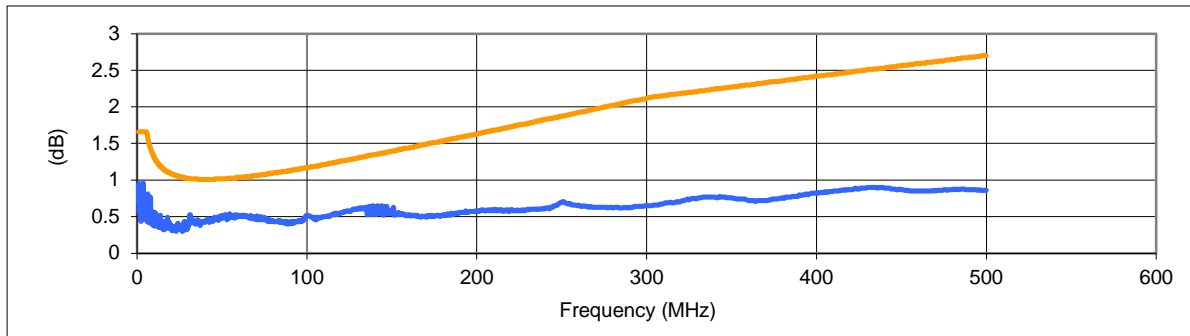
NEXT Artifact SN 2820074



Pass Worst margin: 0.340 at 1 MHz in pair 36-12. Worst accuracy at each frequency shown.

## CDNEXT

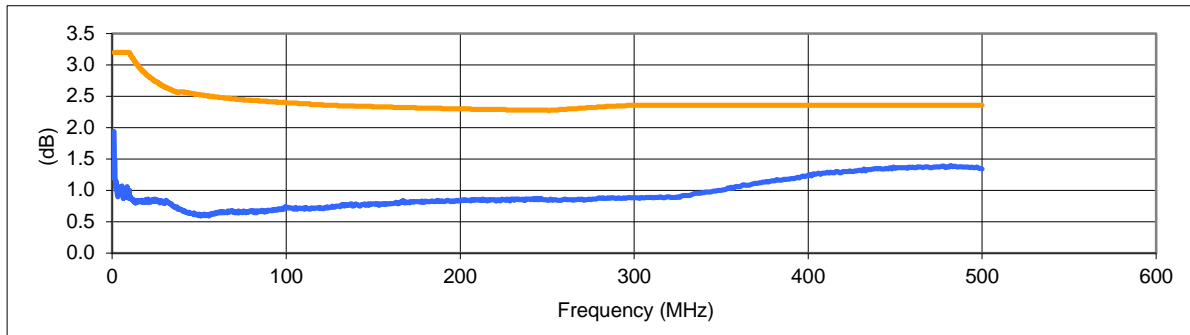
CDNEXT Artifact SN 2820038



Pass Worst margin: 0.490 at 54.5 MHz in pair 45-78. Worst accuracy at each frequency shown.

## CMRL

CMDMRL Artifact SN 2843438



Pass Worst margin: 0.960 at 482 MHz in pair 45. Worst accuracy at each frequency shown.

- Measured difference of DSX and reference laboratory equipment added to measurement accuracy of reference laboratory equipment. Worst accuracy at each frequency shown.
- Corresponding measurement accuracy requirement for nominally compliant Level IV or Level 2G/VI field tester.

# Found-Left Report

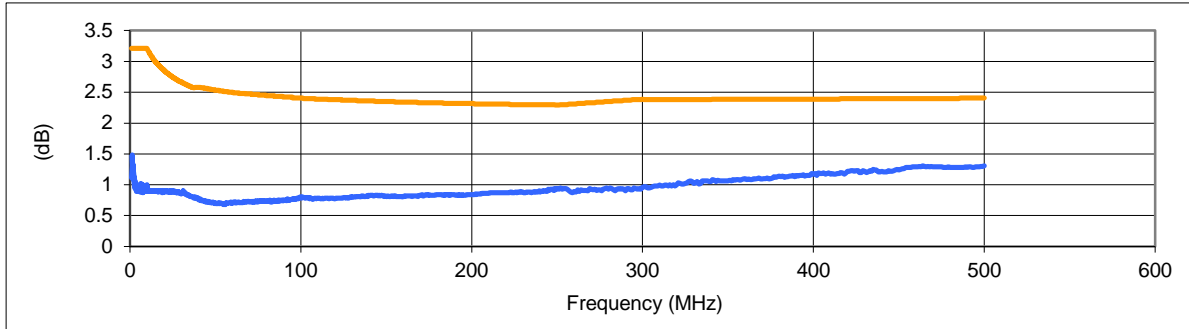
Model **DSX-602 : 500 MHz Cable Analyzer V2**  
 Serial Number **24090046**

Test date 24-Dec-25

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## RL

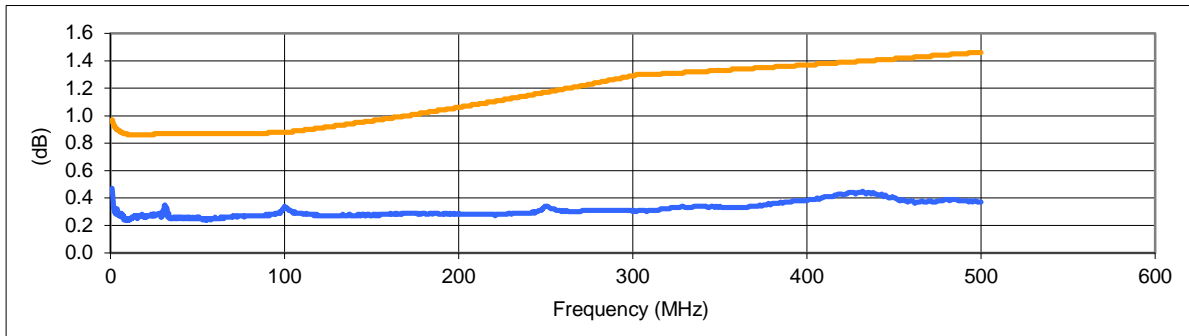
CMDMRL Artifact SN 2843438



Pass Worst margin: 1.090 at 464 MHz in pair 45. Worst accuracy at each frequency shown.

## TCL

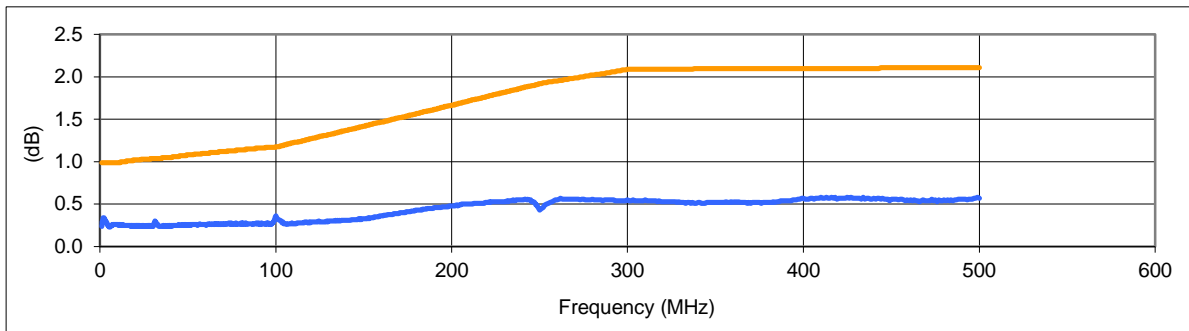
TCL Artifact SN 2843446



Pass Worst margin: 0.500 at 1 MHz in pair 12. Worst accuracy at each frequency shown.

## IL

ILFEXT Artifact SN 22170704



Pass Worst margin: 0.650 at 1.75 MHz in pair 36. Worst accuracy at each frequency shown.

- Measured difference of DSX and reference laboratory equipment added to measurement accuracy of reference laboratory equipment. Worst accuracy at each frequency shown.
- Corresponding measurement accuracy requirement for nominally compliant Level IV or Level 2G/VI field tester.

# Found-Left Report

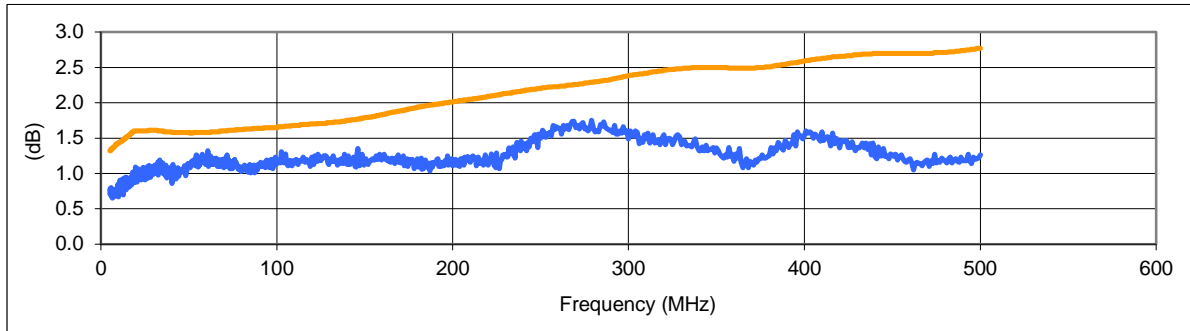
Model **DSX-602 : 500 MHZ Cable Analyzer V2**  
 Serial Number **24090046**

Test date 24-Dec-25

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## FEXT

ILFEXT Artifact SN 22170704



Pass Worst margin: 0.260 at 60.75 MHz in pair 36-12. Worst accuracy at each frequency shown.

- Measured difference of DSX and reference laboratory equipment added to measurement accuracy of reference laboratory equipment. Worst accuracy at each frequency shown.
- Corresponding measurement accuracy requirement for nominally compliant Level IV or Level 2G/VI field tester.

## Loop Resistance

Loop Resistance Artifact SN 22170787

	Measured	Expected	Limit	
Resistance on pair 12	0.22	0.00	0.80	Pass
Resistance on pair 36	50.09	49.80	0.60	Pass
Resistance on pair 45	100.86	99.80	1.60	Pass
Resistance on pair 78	453.16	453.00	4.00	Pass

## Resistance imbalance

Resistance Unbalance Artifact SN 22170720

	Measured	Expected	Limit	
Resistance on pair 12	0.19	0.00	0.80	Pass
Resistance on pair 36	25.14	24.90	0.90	Pass
Resistance on pair 45	12.30	12.13	0.90	Pass
Resistance on pair 78	24.31	24.05	0.90	Pass
Resistance imbalance on pair 12	0.01	0.00	0.05	Pass
Resistance imbalance on pair 36	0.02	0.00	0.13	Pass
Resistance imbalance on pair 45	0.32	0.32	0.06	Pass
Resistance imbalance on pair 78	0.85	0.85	0.12	Pass

DSX-8000 only: M\_IL and M\_FEXT measurements validate the ability of the DSX-8000 to make measurements with DSX-5000 adapters.

**M IL** Not applicable

**M FEXT** Not applicable

Test Program TFSTest v2.8.9  
 DSX Report Form v3.06.01 2020-07-21

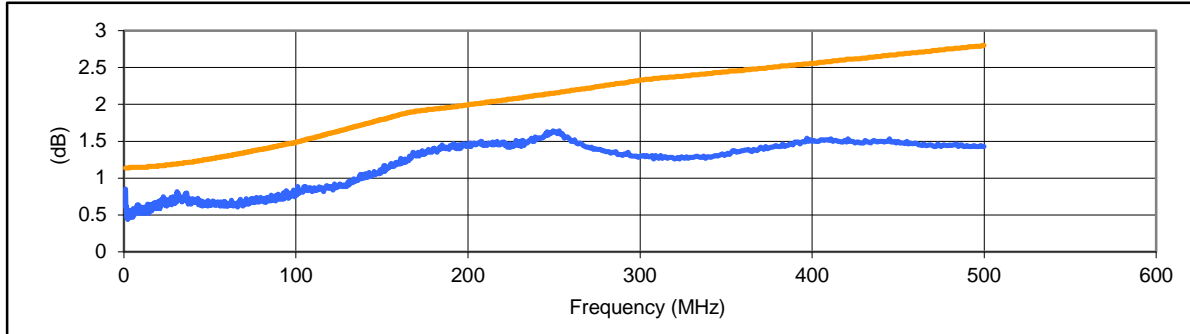
## Found-Left Report

Model **DSX-602 : 500 MHz Cable Analyzer V2**  
 Serial Number **24030320**

Test date **24-Dec-25**  
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### NEXT

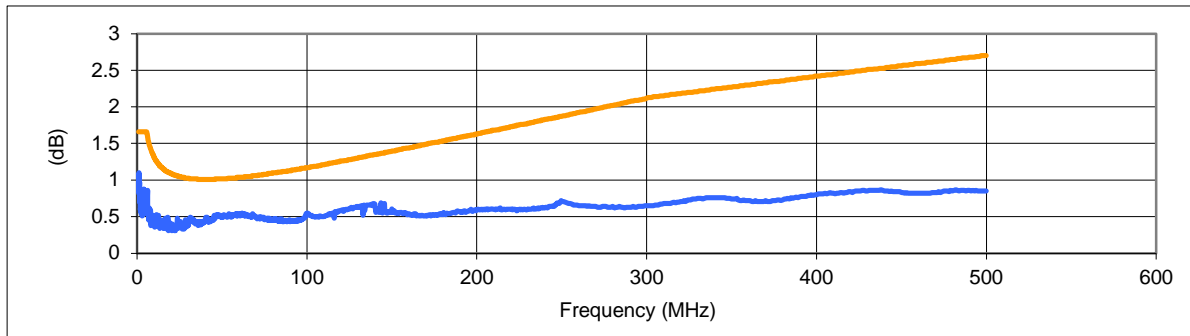
NEXT Artifact SN 2820074



Pass Worst margin: 0.290 at 1 MHz in pair 36-12. Worst accuracy at each frequency shown.

### CDNEXT

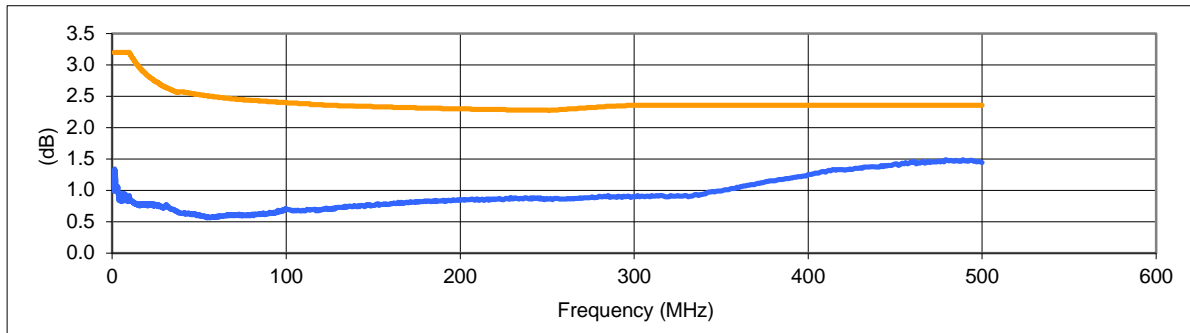
CDNEXT Artifact SN 2820038



Pass Worst margin: 0.490 at 54 MHz in pair 45-78. Worst accuracy at each frequency shown.

### CMRL

CMDMRL Artifact SN 2843438



Pass Worst margin: 0.870 at 479 MHz in pair 45. Worst accuracy at each frequency shown.

- Measured difference of DSX and reference laboratory equipment added to measurement accuracy of reference laboratory equipment. Worst accuracy at each frequency shown.
- Corresponding measurement accuracy requirement for nominally compliant Level IV or Level 2G/VI field tester.

# Found-Left Report

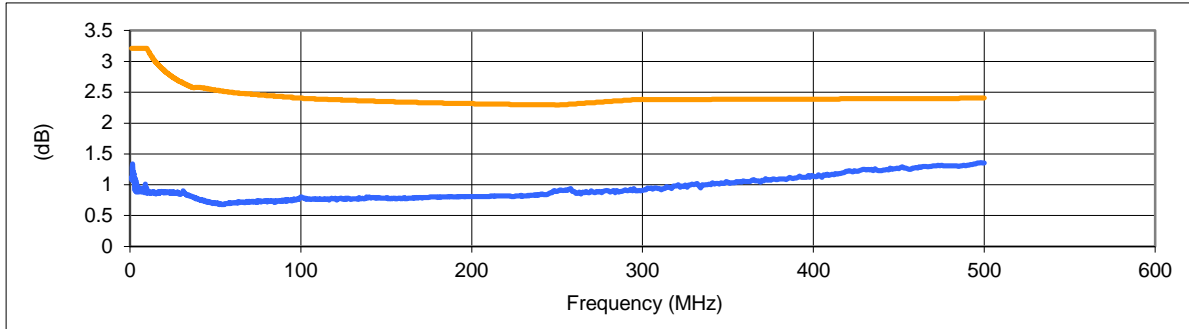
Model **DSX-602 : 500 MHz Cable Analyzer V2**  
 Serial Number **24030320**

Test date 24-Dec-25

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## RL

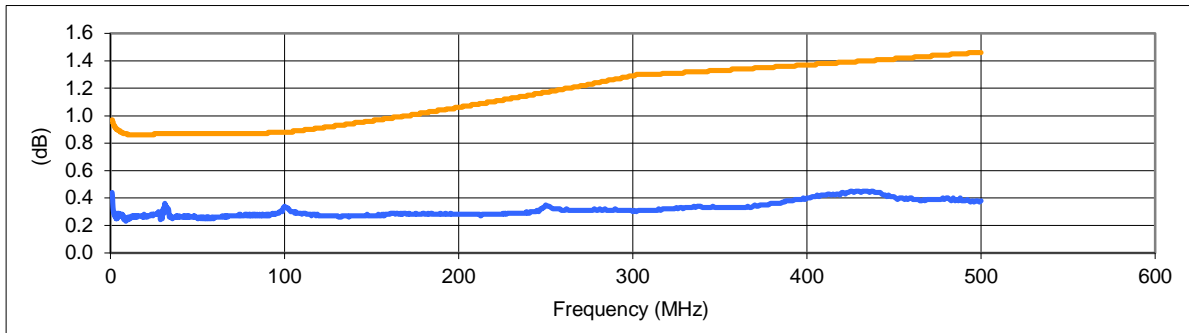
CMDMRL Artifact SN 2843438



Pass Worst margin: 1.050 at 498 MHz in pair 12. Worst accuracy at each frequency shown.

## TCL

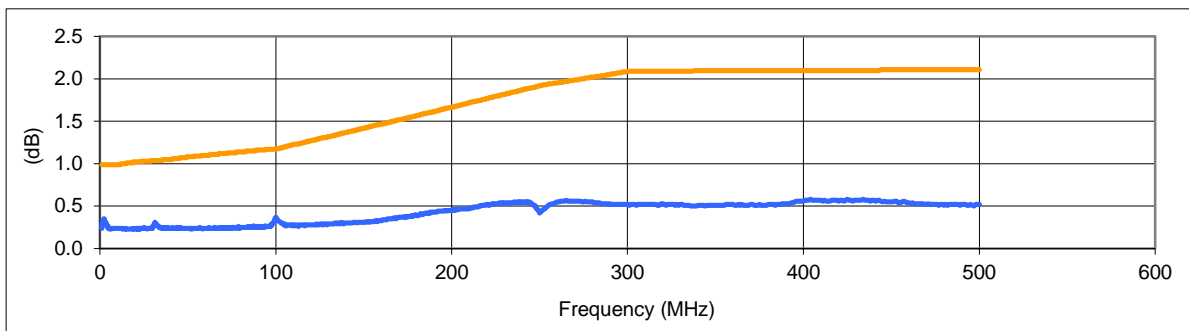
TCL Artifact SN 2843446



Pass Worst margin: 0.510 at 31.13 MHz in pair 78. Worst accuracy at each frequency shown.

## IL

ILFEXT Artifact SN 22170704



Pass Worst margin: 0.640 at 2 MHz in pair 36. Worst accuracy at each frequency shown.

- Measured difference of DSX and reference laboratory equipment added to measurement accuracy of reference laboratory equipment. Worst accuracy at each frequency shown.
- Corresponding measurement accuracy requirement for nominally compliant Level IV or Level 2G/VI field tester.

## Found-Left Report

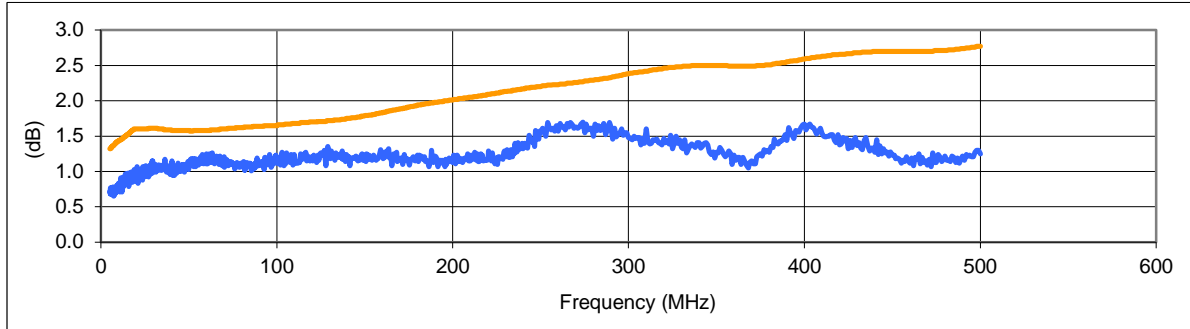
Model **DSX-602 : 500 MHZ Cable Analyzer V2**  
 Serial Number **24030320**

Test date 24-Dec-25

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### FEXT

ILFEXT Artifact SN 22170704



Pass Worst margin: 0.330 at 60 MHz in pair 36-12. Worst accuracy at each frequency shown.

- Measured difference of DSX and reference laboratory equipment added to measurement accuracy of reference laboratory equipment. Worst accuracy at each frequency shown.
- Corresponding measurement accuracy requirement for nominally compliant Level IV or Level 2G/VI field tester.

### Loop Resistance

Loop Resistance Artifact SN 22170787

	Measured	Expected	Limit	
Resistance on pair 12	0.19	0.00	0.80	Pass
Resistance on pair 36	50.06	49.80	0.60	Pass
Resistance on pair 45	100.00	99.80	1.60	Pass
Resistance on pair 78	453.12	453.00	4.00	Pass

### Resistance imbalance

Resistance Unbalance Artifact SN 22170720

	Measured	Expected	Limit	
Resistance on pair 12	0.15	0.00	0.80	Pass
Resistance on pair 36	25.14	24.90	0.90	Pass
Resistance on pair 45	12.34	12.13	0.90	Pass
Resistance on pair 78	24.31	24.05	0.90	Pass
Resistance imbalance on pair 12	0.01	0.00	0.05	Pass
Resistance imbalance on pair 36	0.01	0.00	0.13	Pass
Resistance imbalance on pair 45	0.32	0.32	0.06	Pass
Resistance imbalance on pair 78	0.84	0.85	0.12	Pass

DSX-8000 only: M\_IL and M\_FEXT measurements validate the ability of the DSX-8000 to make measurements with DSX-5000 adapters.

**M IL** Not applicable

**M FEXT** Not applicable

Test Program TFSTest v2.8.9  
 DSX Report Form v3.06.01 2020-07-21