

# Cable & link CMC investigation for 802.3bp RTPGE

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Michael Rucks

Channel ad hoc conference call

**DELPHI**

Innovation for the Real World

# Test description

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## Samples:

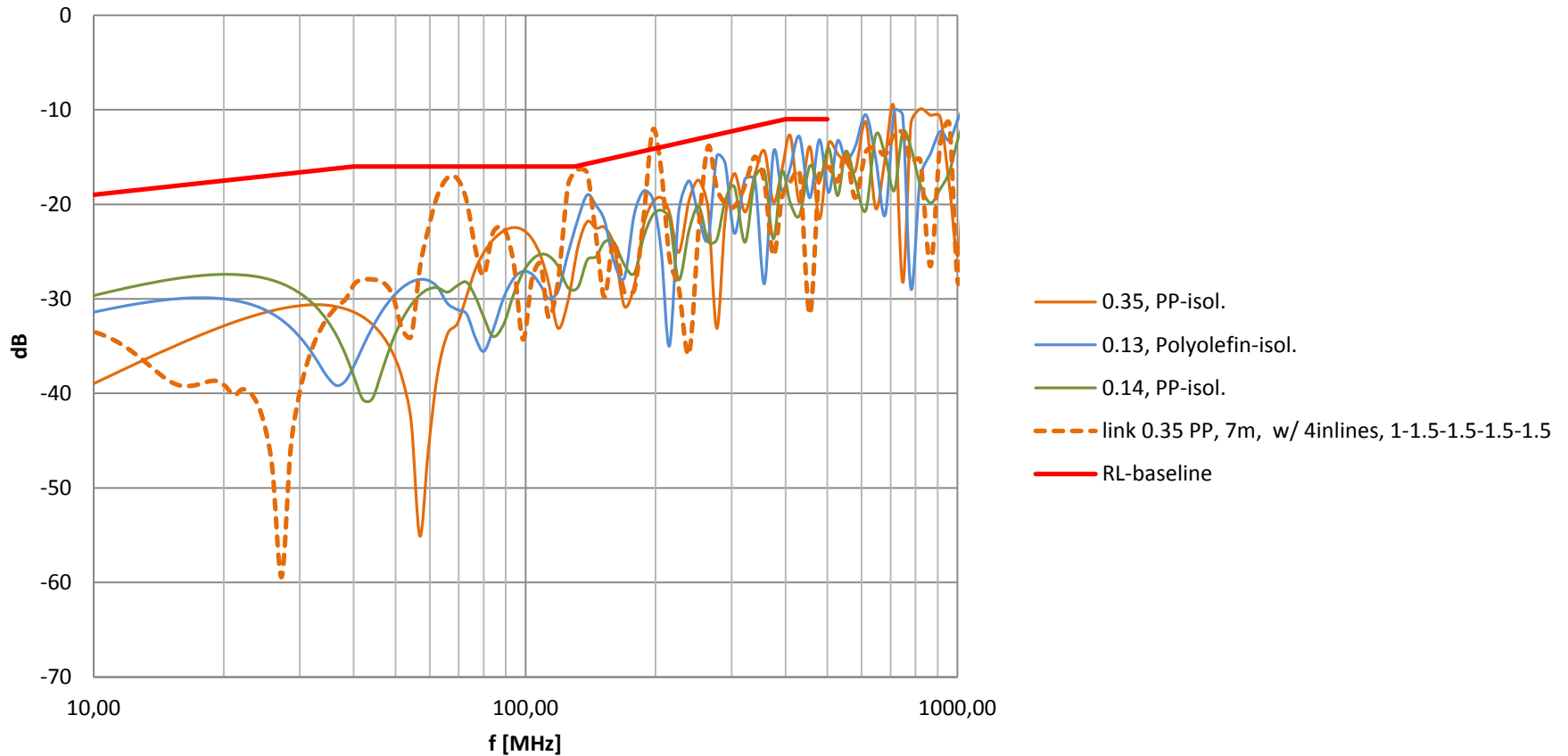
- 1) 2m cables w/o connectors
- 2) 7m link w/ 4 inline connectors and MDI connector  
(0.64 terminals, 2x0.35mm<sup>2</sup> PP)  
Topology 1 - 1.5 - 1.5 - 1.5 - 1.5

## Cable types:

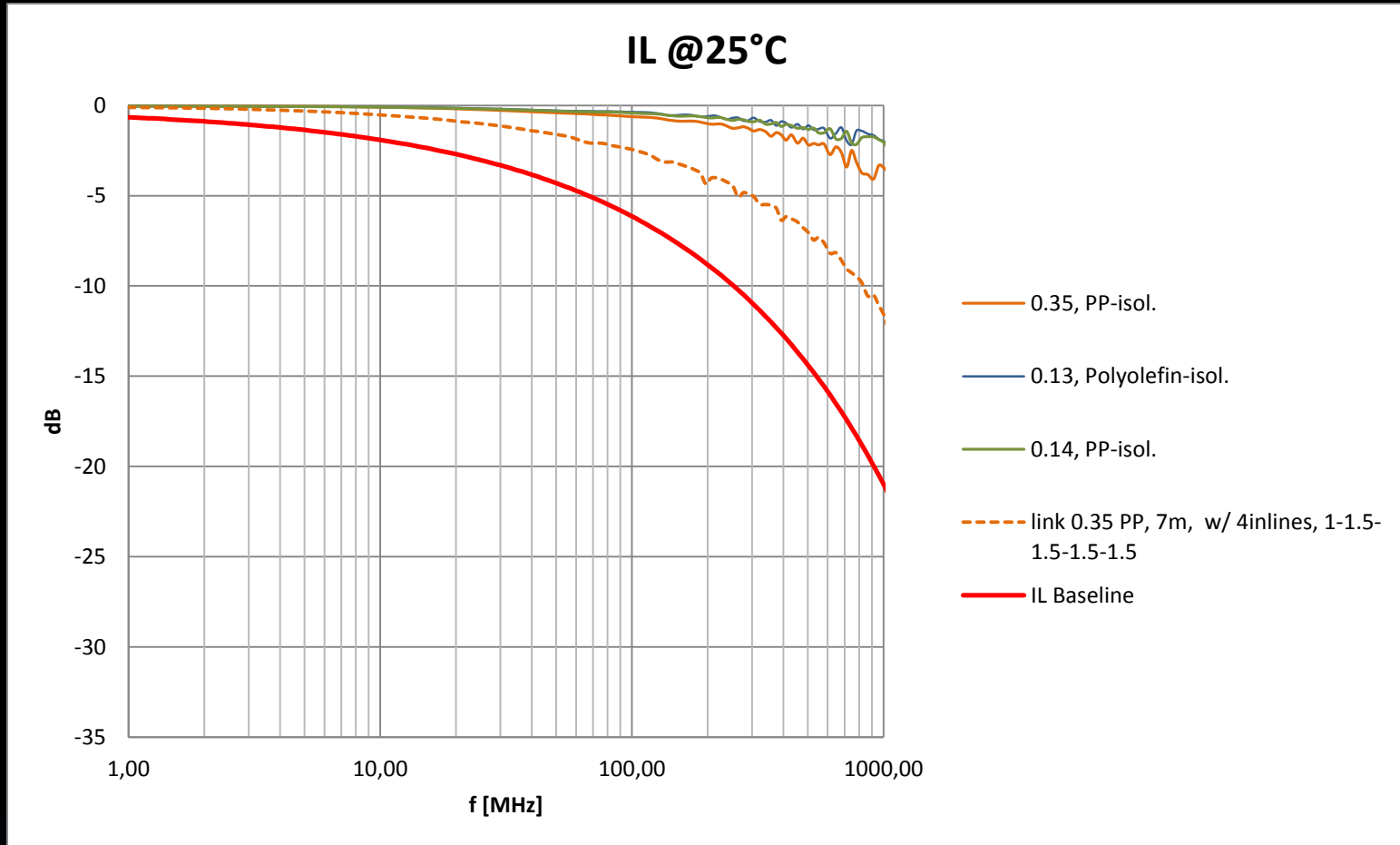
- 2x0.35 PP-isolated, w/ jacket  
„FlexRay“-cable
- 2x0.13 Polyolefin isolated, w/ jacket
- 2x0.14 PP-isolated, w/ jacket

# Return Loss test result

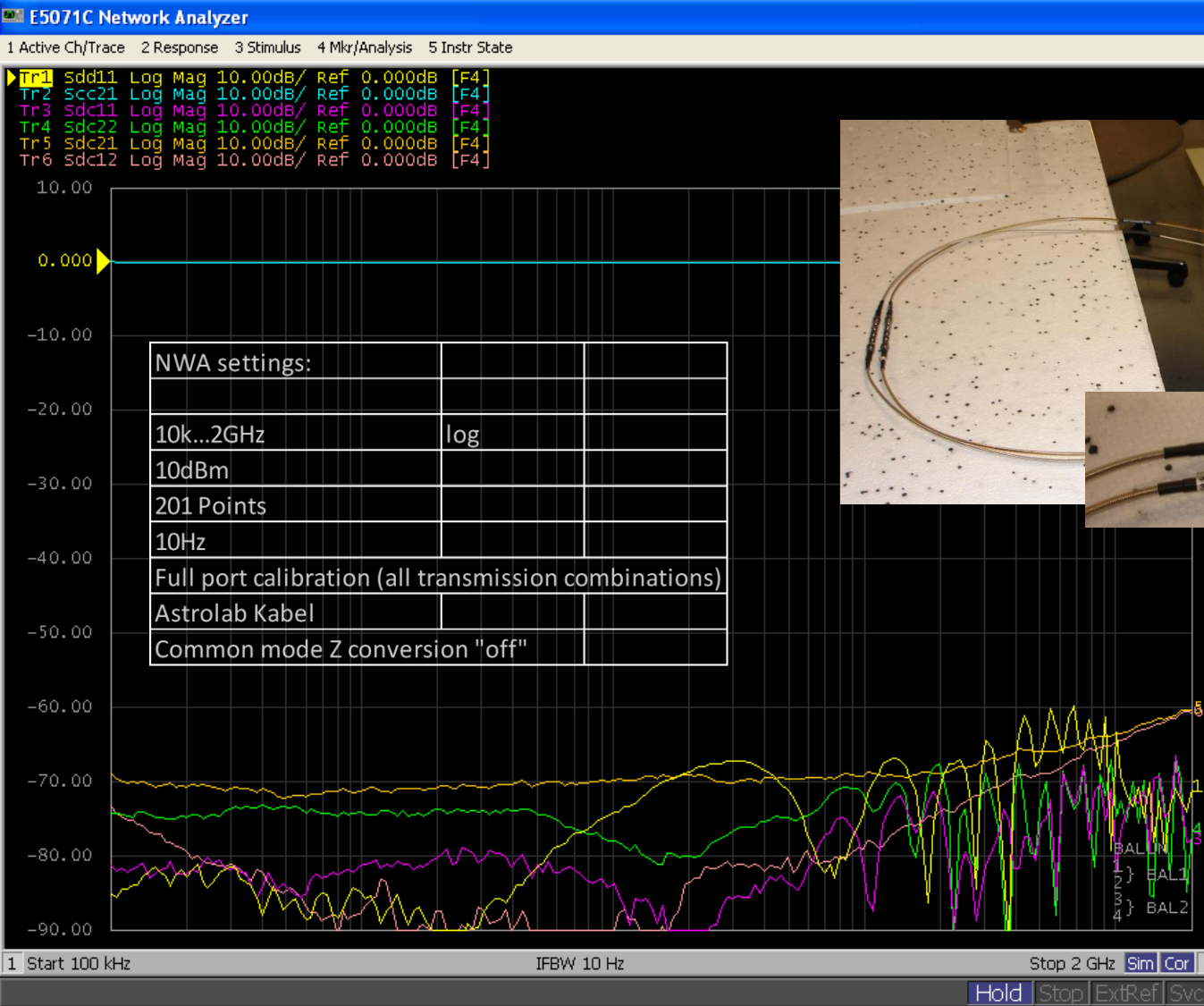
## Return Loss @25°C



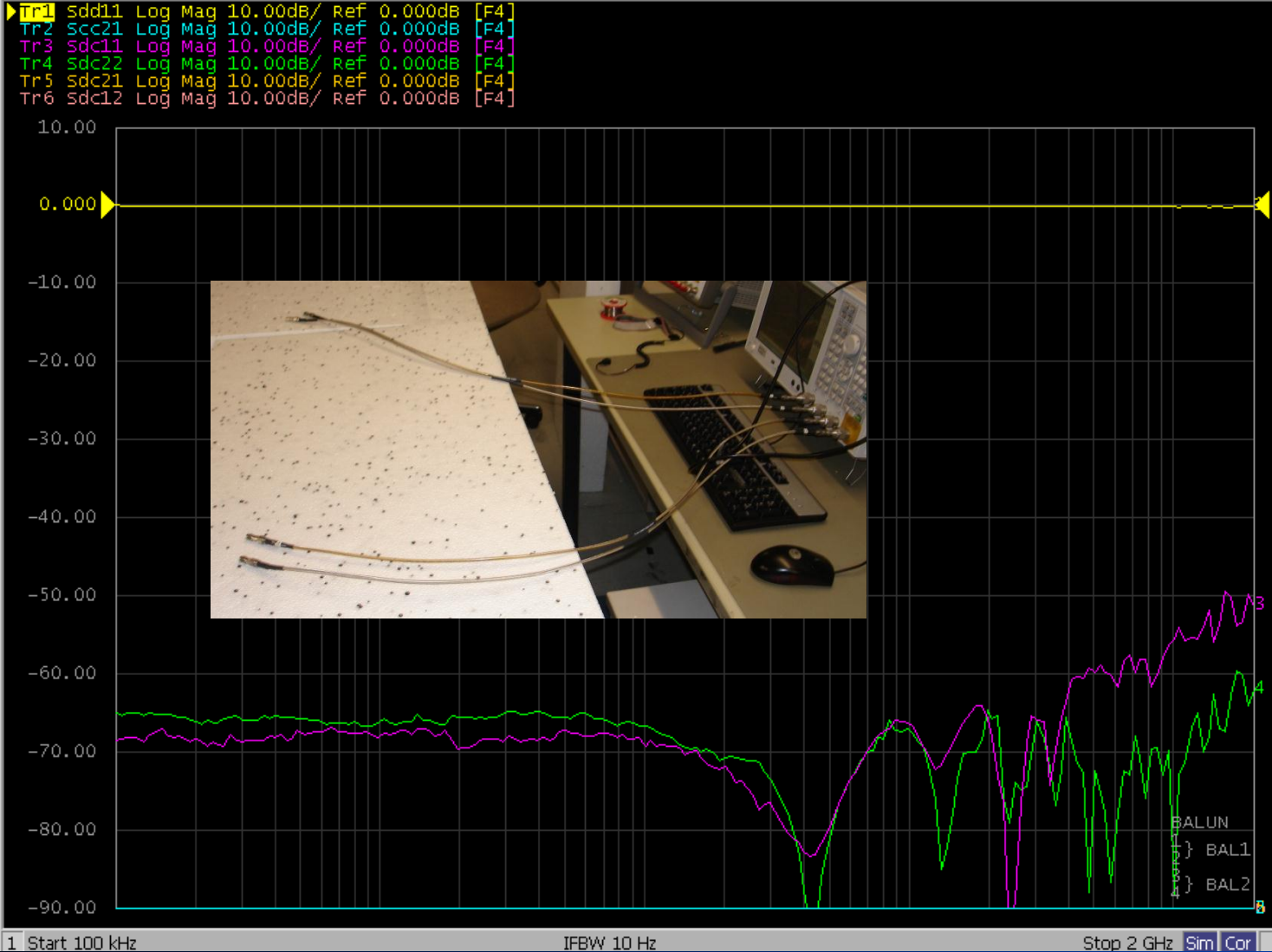
# Insertion Loss test result



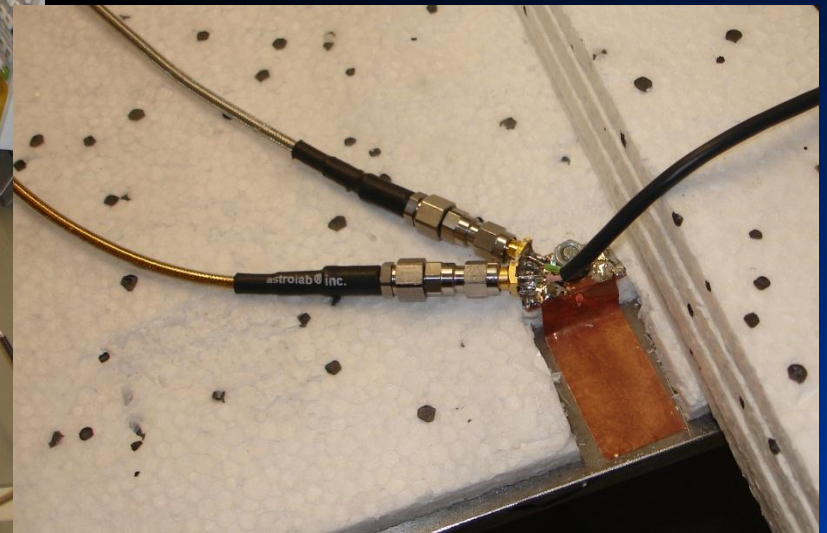
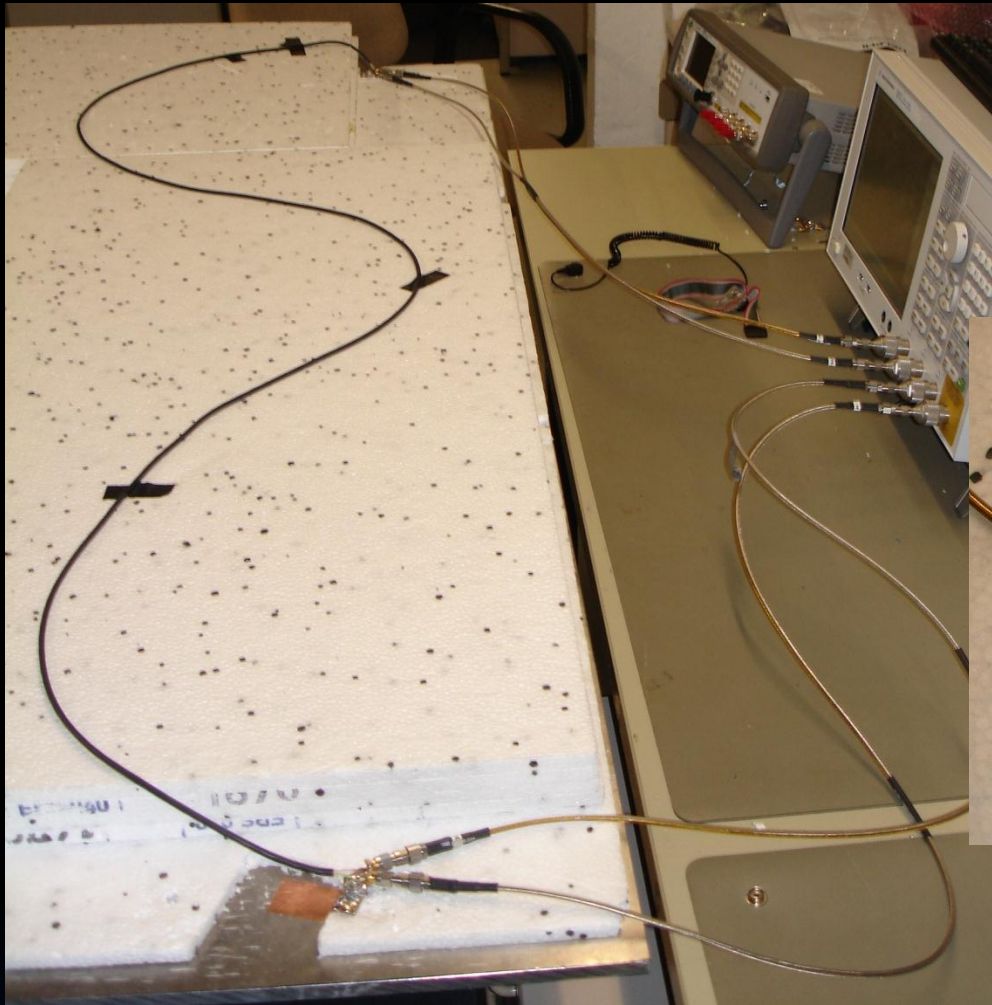
# Calibration check



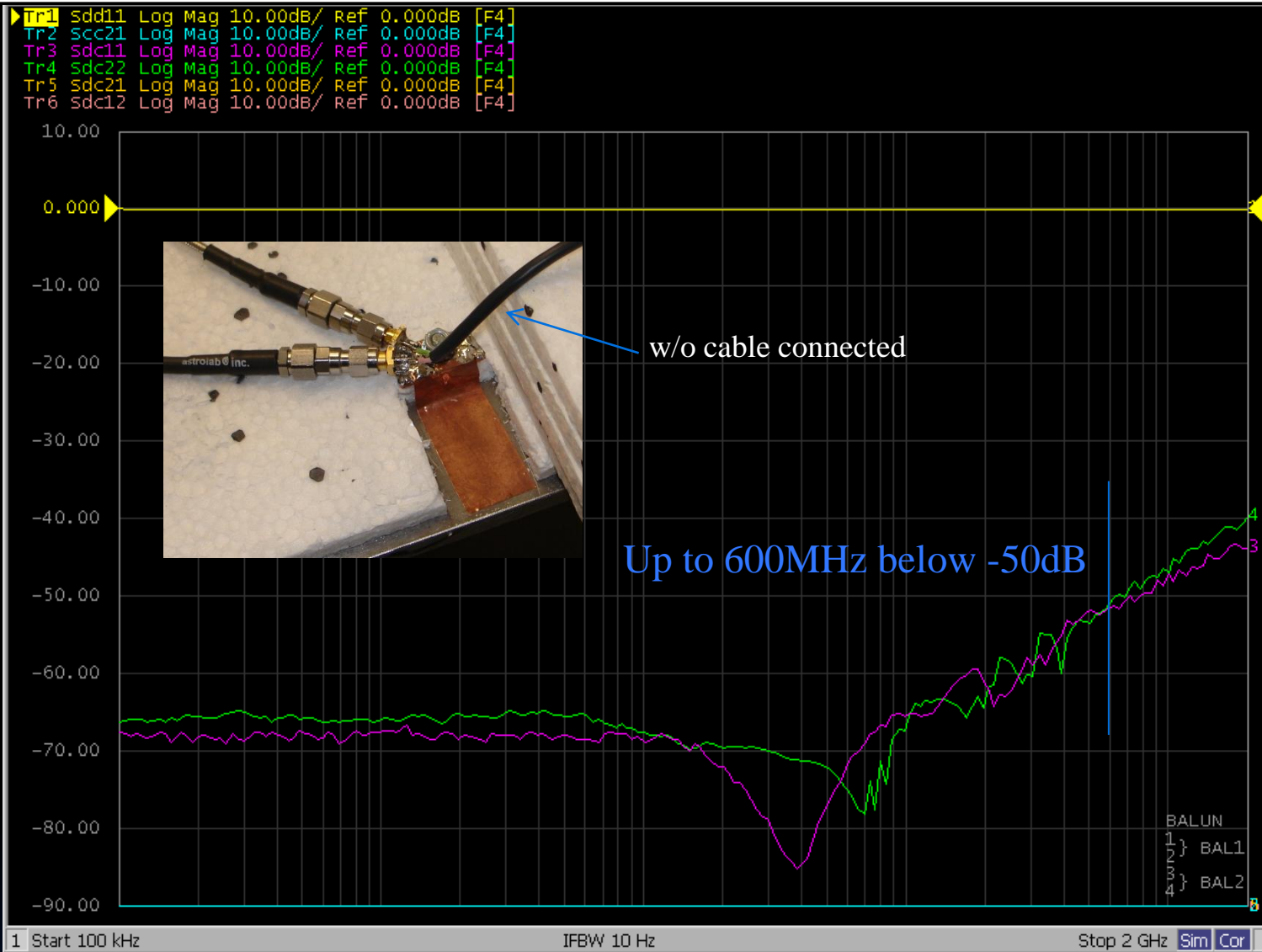
# Calibration check – open test cables



# Test setup – 2m cables

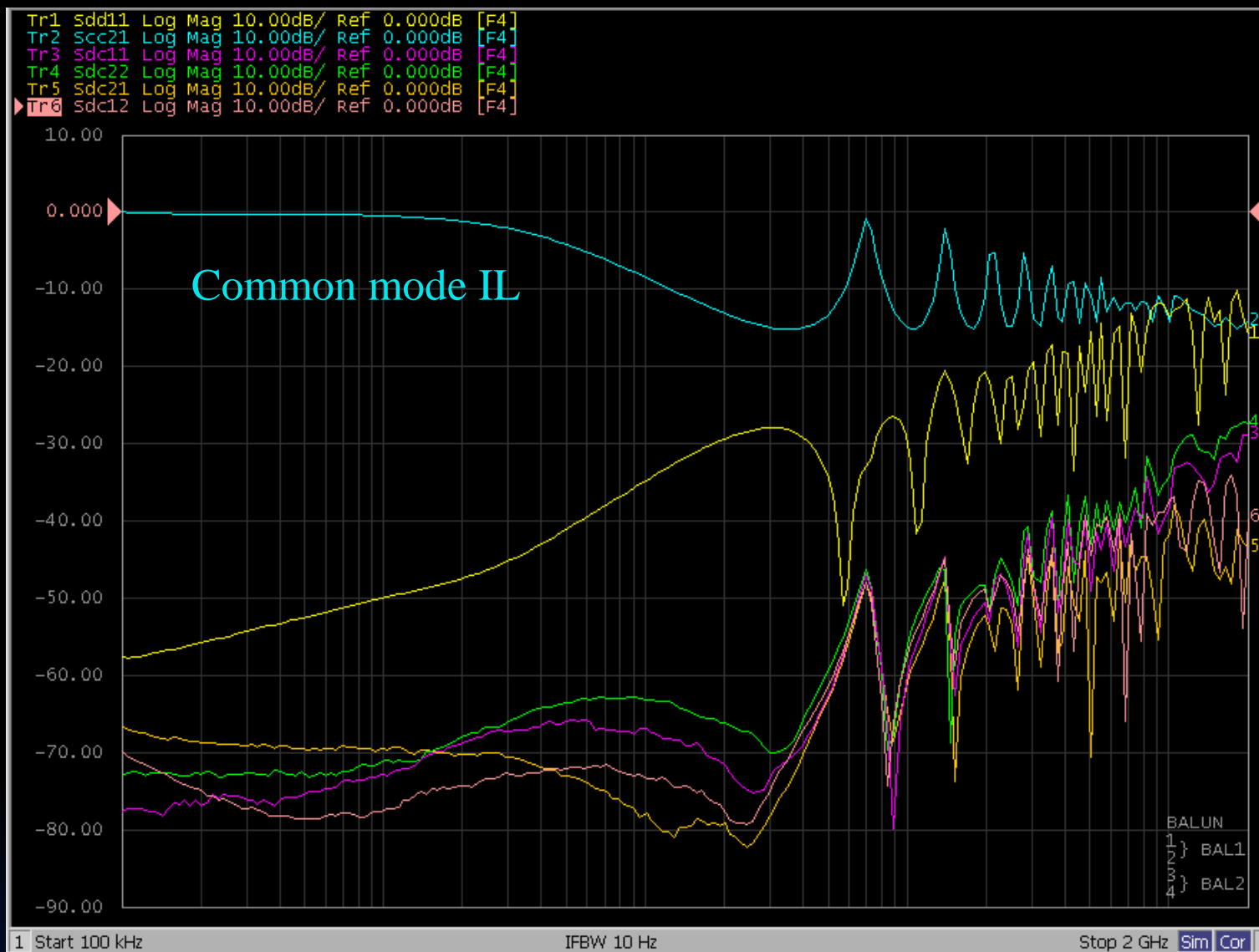


# Calibration check – open (test cables + adapter)



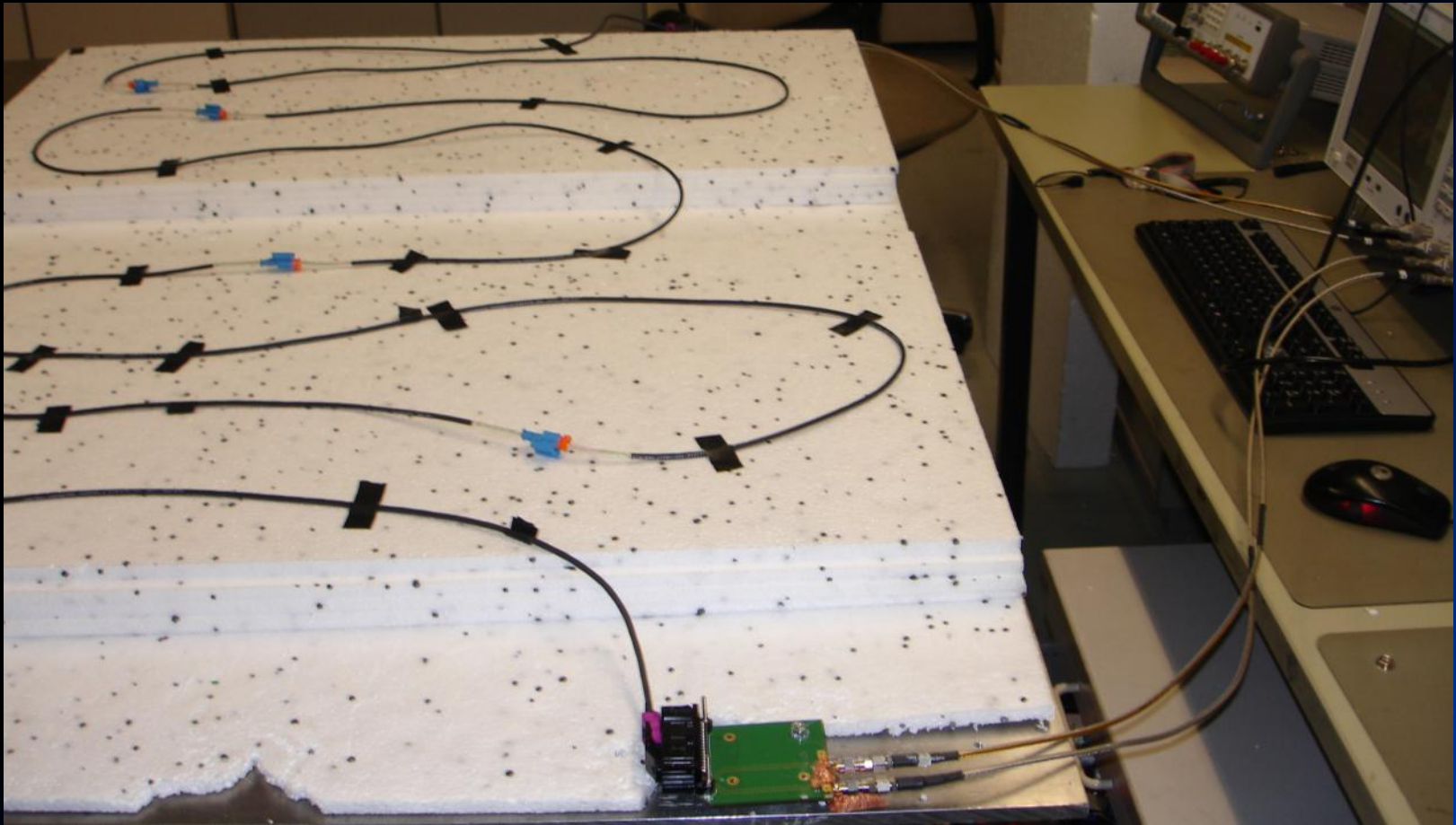


# Test plot – sample: 2m 0.35 cable



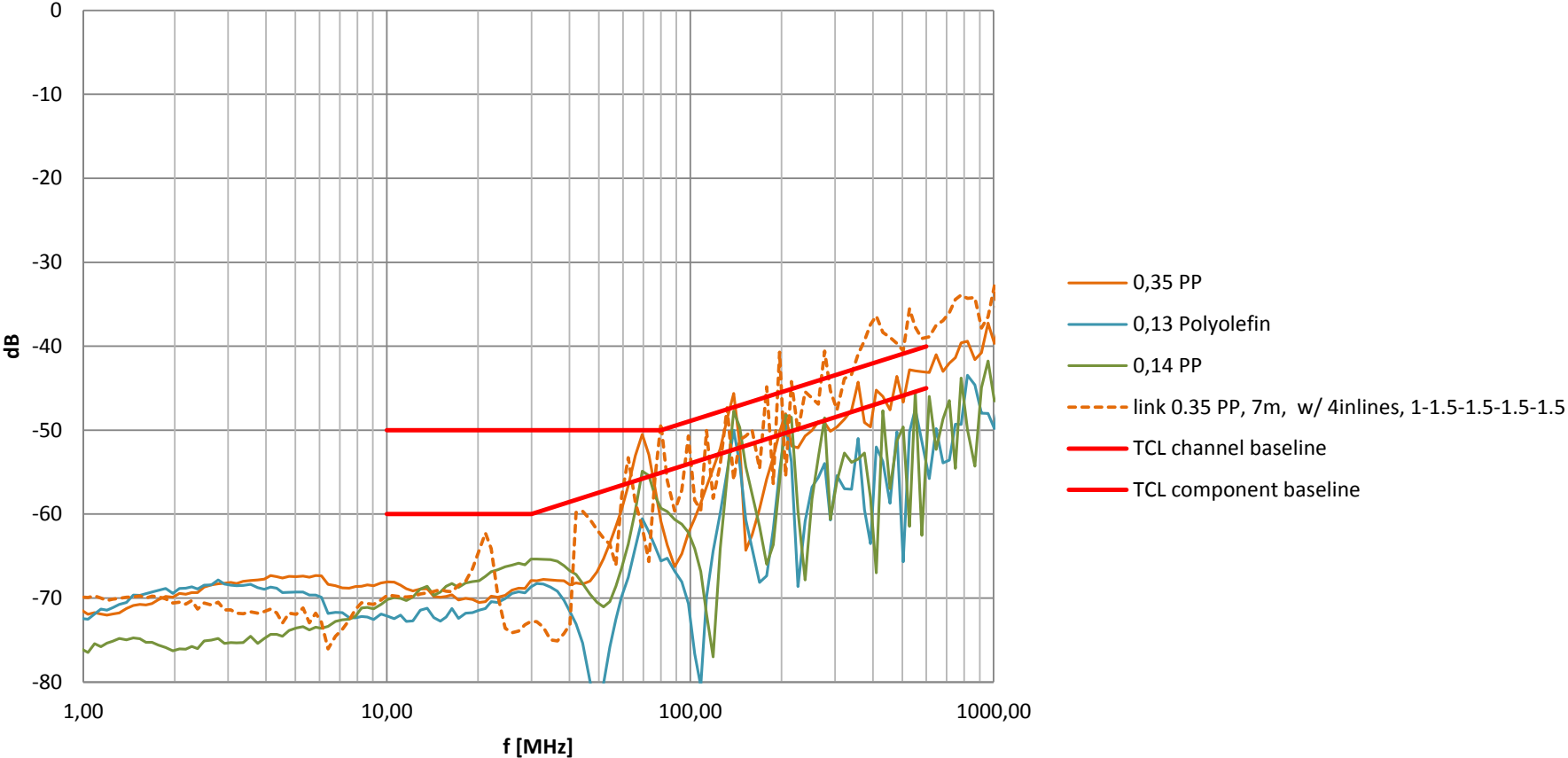
# Test setup - link

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# Sdc11 test result

## TCL



# Sdc21 test result

## TCTL

