

Automatic Waveguide-Measurements

Fraunhofer Heinrich-Hertz-Institute Deparment: Photonic Components Research Group: Hybrid Integration and Sensing Ramin Leon Neymeyer

Measurement status updates: GUI started successfully. Initializing devices... Keithley initialized at address 26 EXFO CTP10 initialized at IP 192.168.254.10 and Port 5025 Lower Optical Switch initialized at IP 192,168,254,6 Upper Optical Switch initialized at IP 192.168.254.7 Routing set for switches: Lower - A,2, Upper - A,1 All devices initialized successfully.

Load Settings Initialize **End Loop** Start Loop Save Settings Deinitialize Pause Loop (1) Monitoring window and Clear All **IL-Measurement** Continue Loop Button for setup

8,8

Addresses

Lower optical Switch (IP) Upper optical Switch (IP)

Temperatur controller (USB-VISA)

Keithley (GPIB)

Keithley/TEC

min. current [mA]

max. current [mA]

compliance voltage [V]

temperature set point [°C]

EXFO (IP)

steps

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192.168.254.6 chip distance [mm]

192.168.254.7 input waveguide distance [mm]

4883::32842::M00934166 output waveguide distance [mm]

number of chips

inputs per chip

outputs per chip

0.00	A	5
90.00	<u> </u>	е

192.168.254.10

35 12

25.000

0.330000

0.00

40.00

1.330000

0.000000

1350nm - 1510nm TM 1500nm - 1630nm TE 1500nm - 1630nm TM

1300.00	Coupling Treshhold [dB]
1600.00	min. Gauß width
10	max. Gauß width

(2) Inputs for initialization of the

measurement loop

7,7 4,5

3,6

2,1

1,2

EXFO

.00	start wavelength [nm]
0.00	end wavelength [nm]
5	wavelength resolution [pm]
2.00	optical power [dBm]
5.000	scan speed [nm/s]

Coupling Check

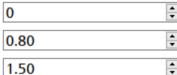
Optical Switches

1260nm - 1360nm TE

1260nm - 1360nm TM

1350nm - 1510nm TE

*	Coupling Treshhold [dB]
•	min. Gauß width
•	max. Gauß width
A	Scan type



☑ 1D □ 2D

