P1301 L-ESD

ESD E-Field Source Langer Pulse 0.2/5.5 ns

Short description

The P1301 field source generates an ESD electric field and is designed for a defined and reproducible field coupling into ICs. The P1301 generates a pulse shaped E-field with an edge steepness of approx. 200 ps for reproducing high frequency ESD transient responses. The probe can only be operated in combination with the BPS 203 burst power station.

The BPS 203 povides high voltage and the control signals for the probe. The operation is carried out via a PC user interface.

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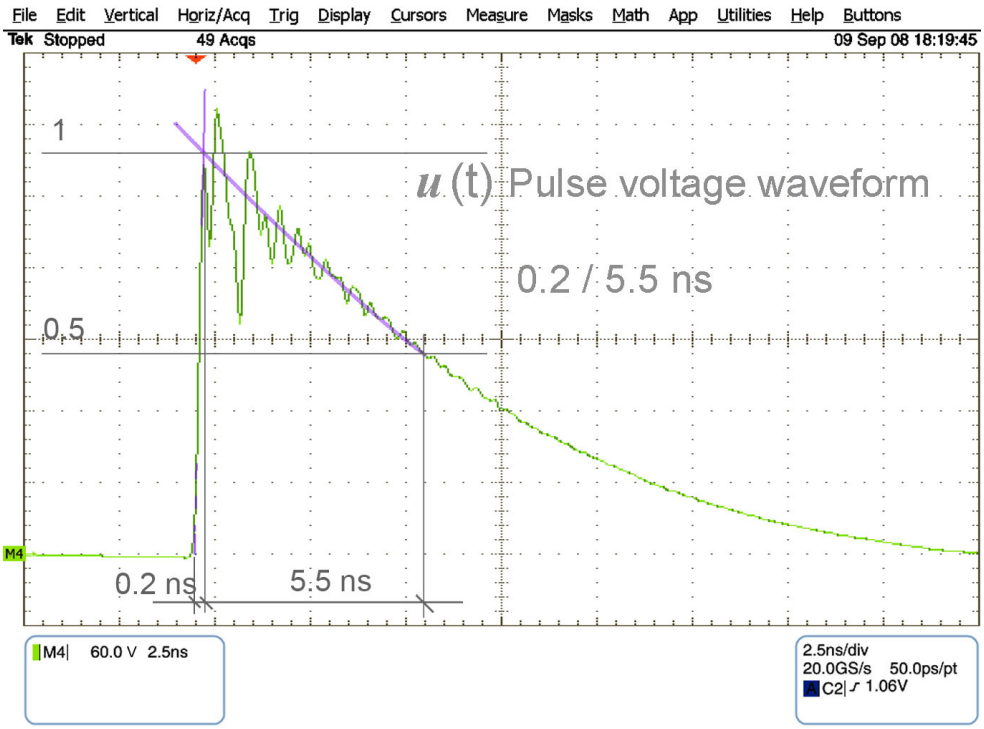
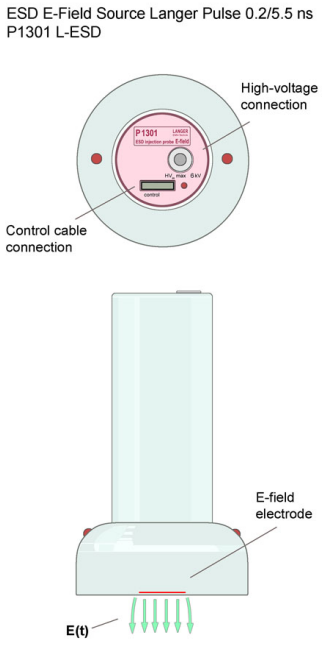
Technical parameters

Pulse parameter	
Shape	0.2 / 5.5 ns
Frequency	0.1 Hz - 10 Hz
Voltage	± (0.1 - 6) kV
Voltage probe	
Frequency range	(0 ... 2) GHz
Correction factor	60 dB
Measurement output	50 Ω, SMB
Connector - input	50 Ω Fischer (D103A023)
Sizes (L x W x H)	(180 x 96 x 96) mm

Pulse voltage characteristic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