

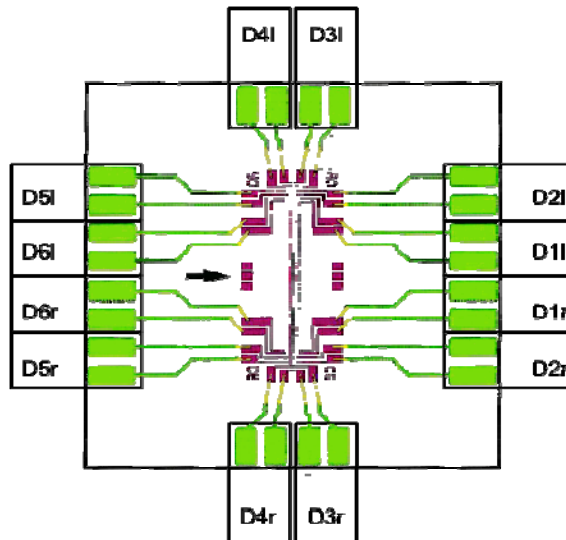
Quality Test Report

GENERAL PARAMETERS	UNIT	VALUE
air humidity	%	< 4
room temperature	°C	20 - 21
integration time	ms	30
laser central wavelength	nm	811
laser bandwidth	nm	91
laser pulse duration	fs	≤ 150

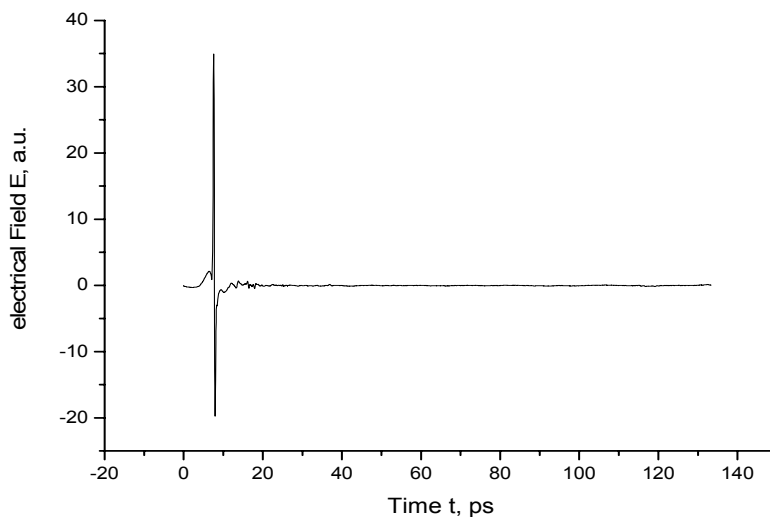
THZ - EMITTER SPECIFICATIONS	UNIT	VALUE
optical power	mW	10
applied voltage	V	30
modulation frequency	KHz	24
antenna structure		D1

THZ - DETECTOR SPECIFICATIONS	UNIT	VALUE
optical power	mW	10
used sample		0730001

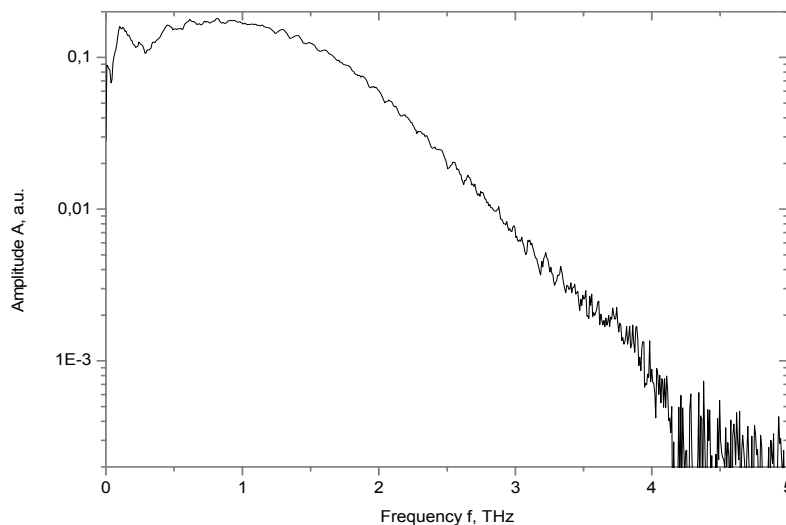
	working
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D1r	<input checked="" type="checkbox"/>
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D2r	<input checked="" type="checkbox"/>
D3l	<input checked="" type="checkbox"/>
D3r	<input checked="" type="checkbox"/>
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D4r	<input checked="" type="checkbox"/>
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Quality Test Report



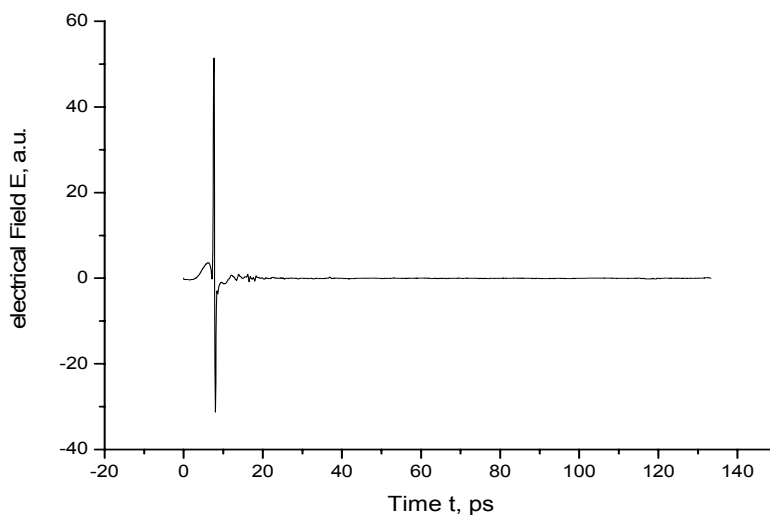
waveform of the THz - pulse



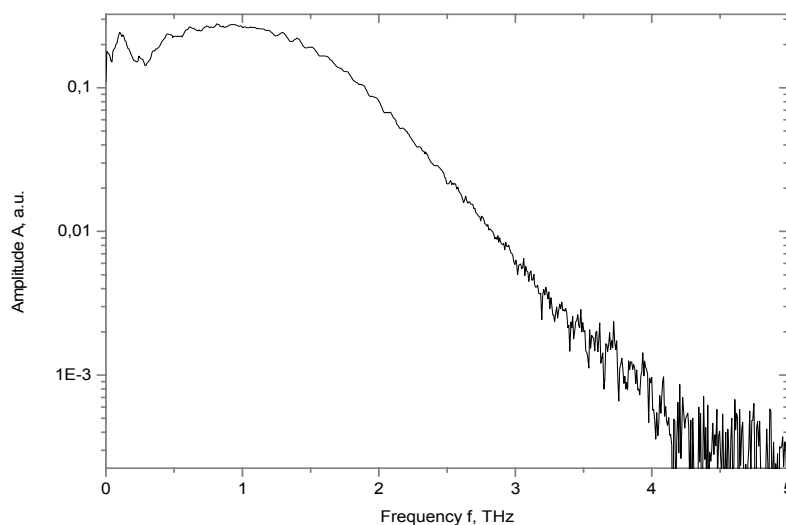
FFT of the THz - pulse

dark resistance	MΩ	75,8
resistance (gap illuminated)	MΩ	0,5

Quality Test Report



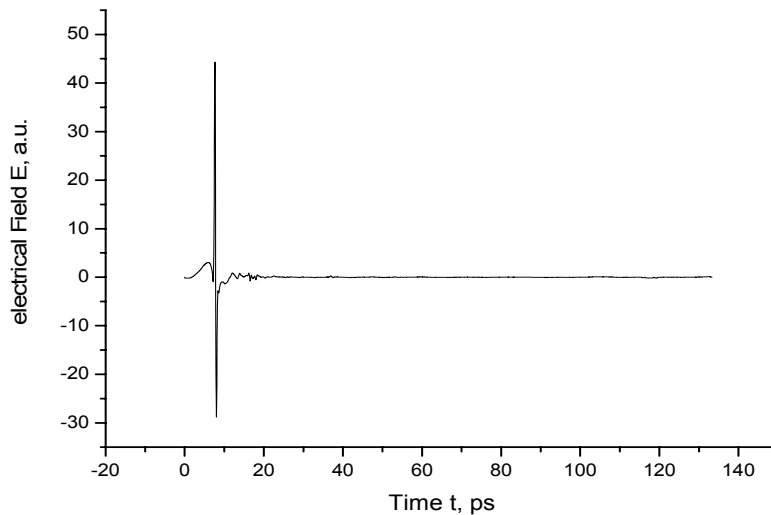
waveform of the THz - pulse



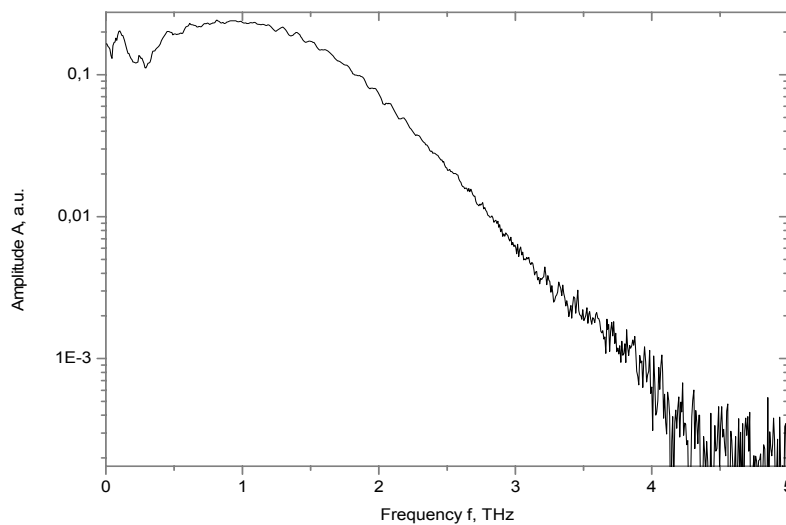
FFT of the THz - pulse

dark resistance	MΩ	10,8
resistance (gap illuminated)	MΩ	0,4

Quality Test Report



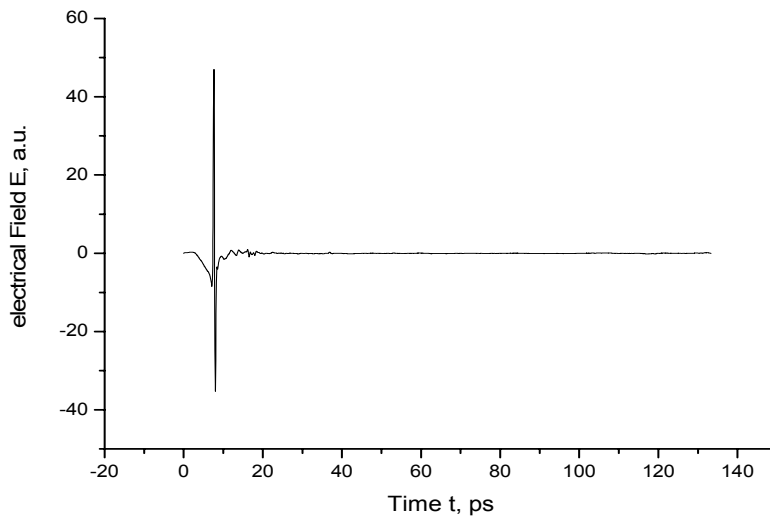
waveform of the THz - pulse



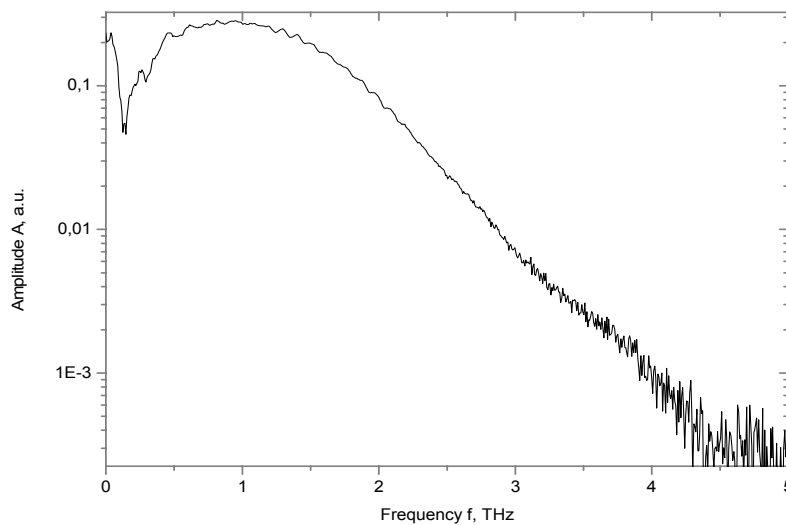
FFT of the THz - pulse

dark resistance	MΩ	108,5
resistance (gap illuminated)	MΩ	1,3

Quality Test Report



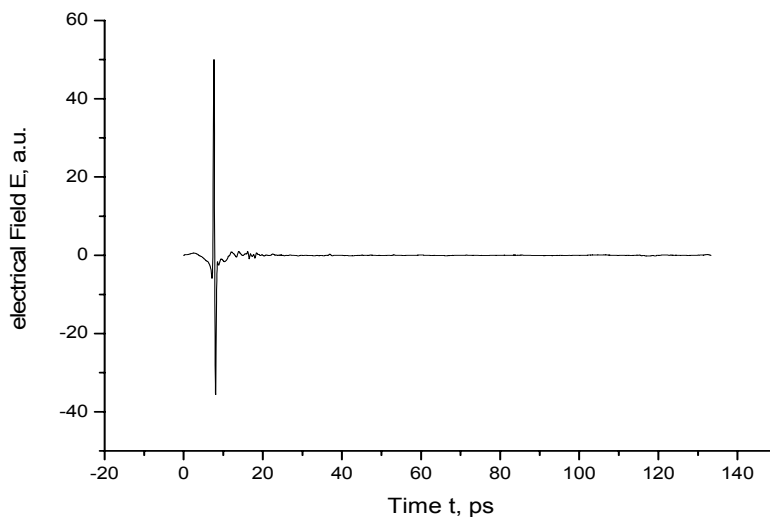
waveform of the THz - pulse



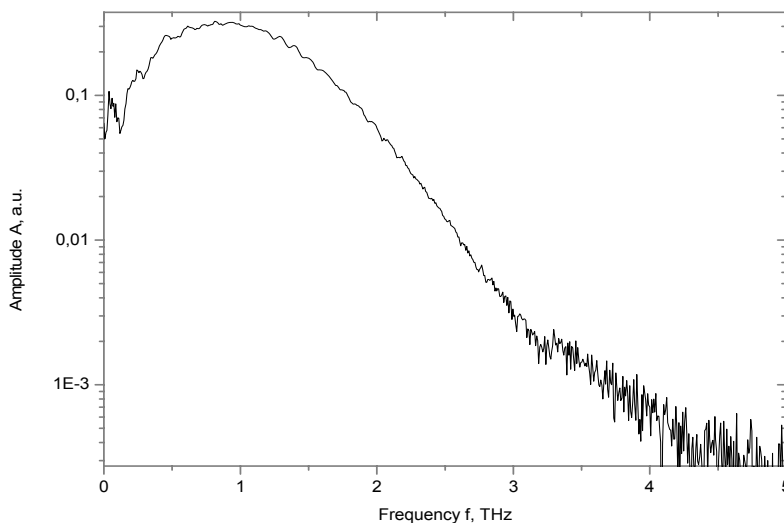
FFT of the THz - pulse

dark resistance	MΩ	113,2
resistance (gap illuminated)	MΩ	1,1

Quality Test Report



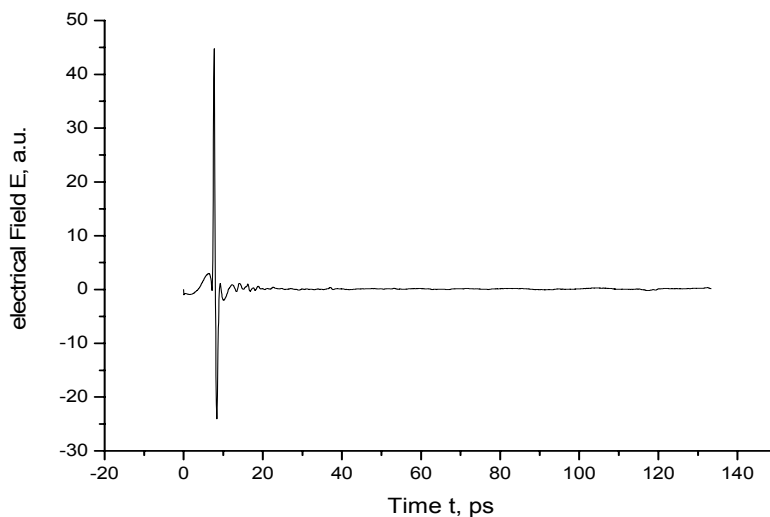
waveform of the THz - pulse



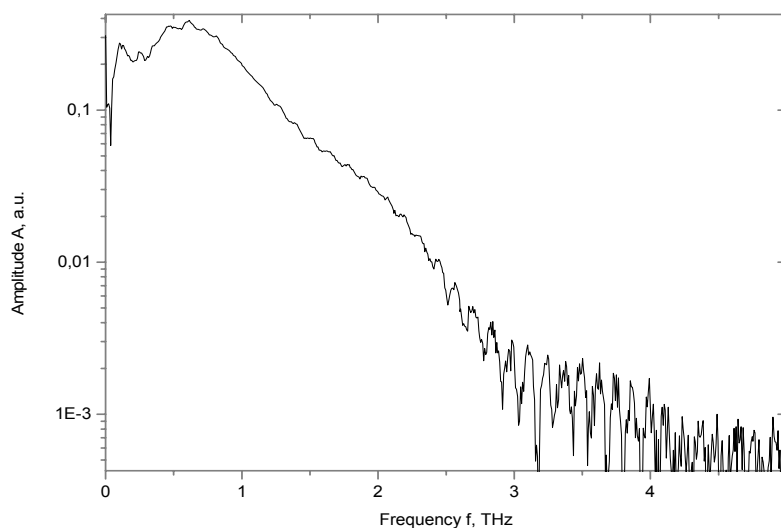
FFT of the THz - pulse

dark resistance	MΩ	118,4
resistance (gap illuminated)	MΩ	0,6

Quality Test Report



waveform of the THz - pulse



FFT of the THz - pulse

dark resistance	MΩ	159,8
resistance (gap illuminated)	MΩ	0,8