

LHC Injectors Upgrade





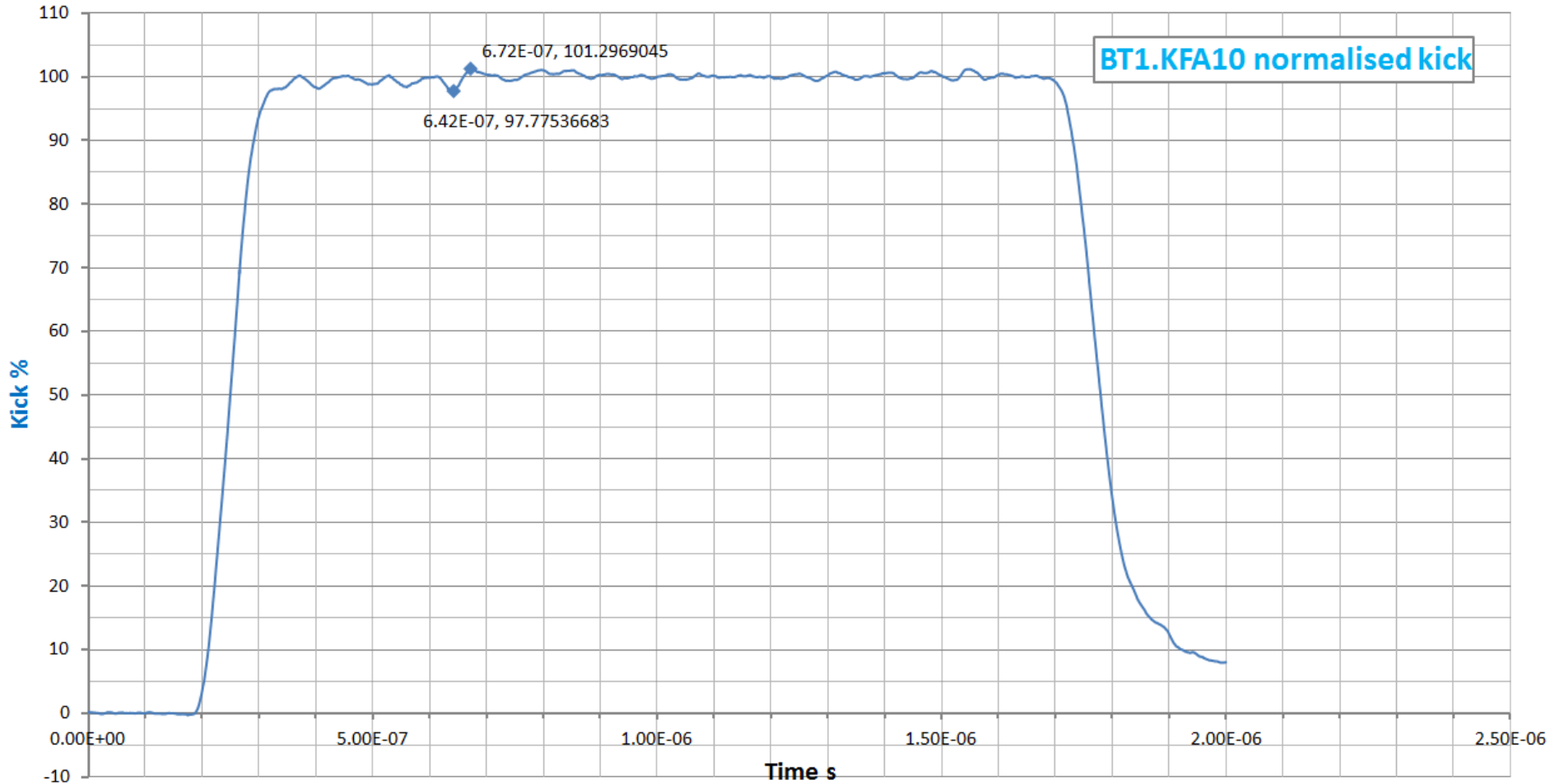
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BTi.KFA10 kicker rise time

L. Sermeus TE/ABT/FPS



BT1.KFA10 kick (measured waveform at 55.3 kV)

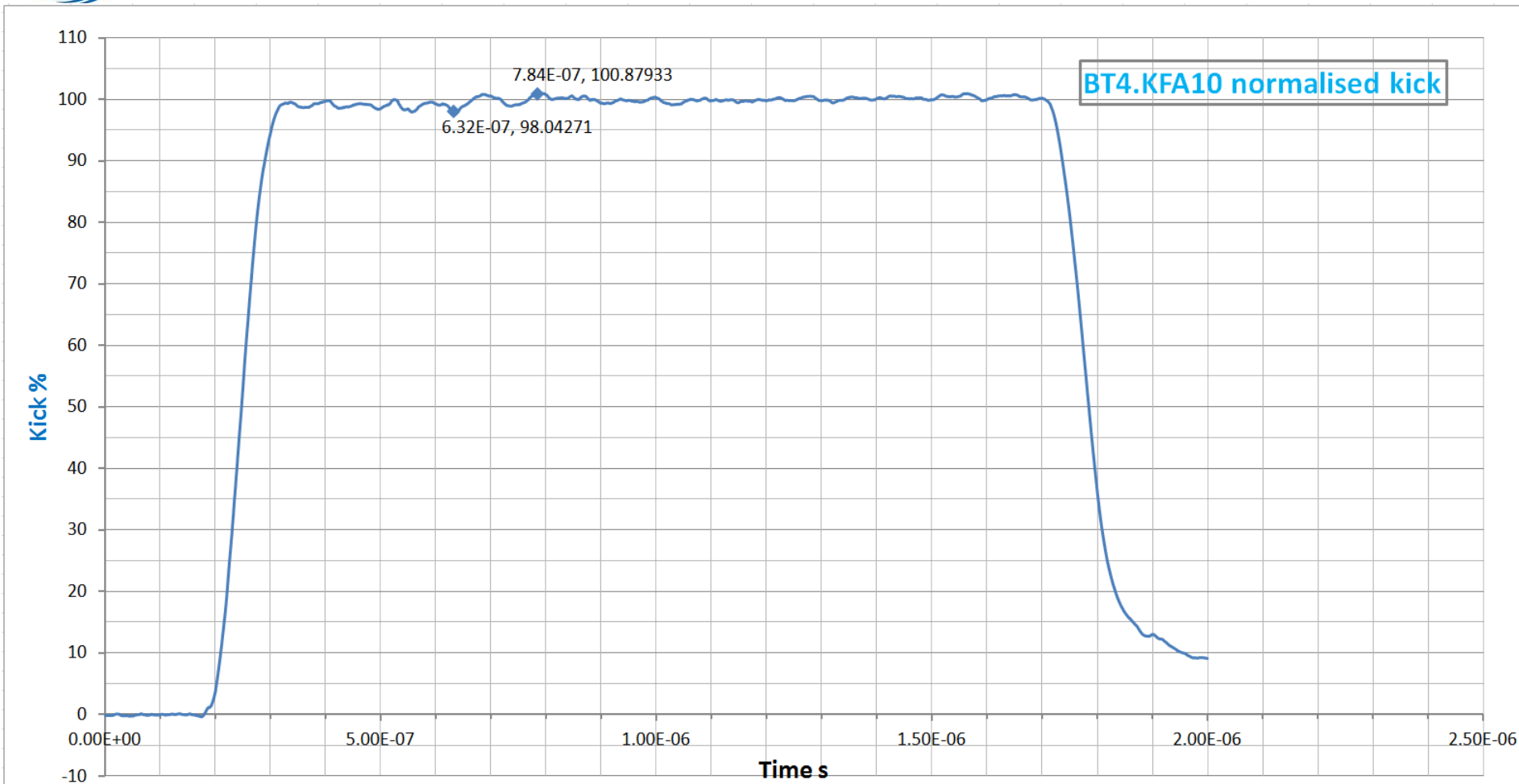


Kick rise time:	(5-95)%	98ns
	(2-98)%	121ns
	(1-99)%	156ns





BT4.KFA10 kick (measured waveform at 55.3 kV)

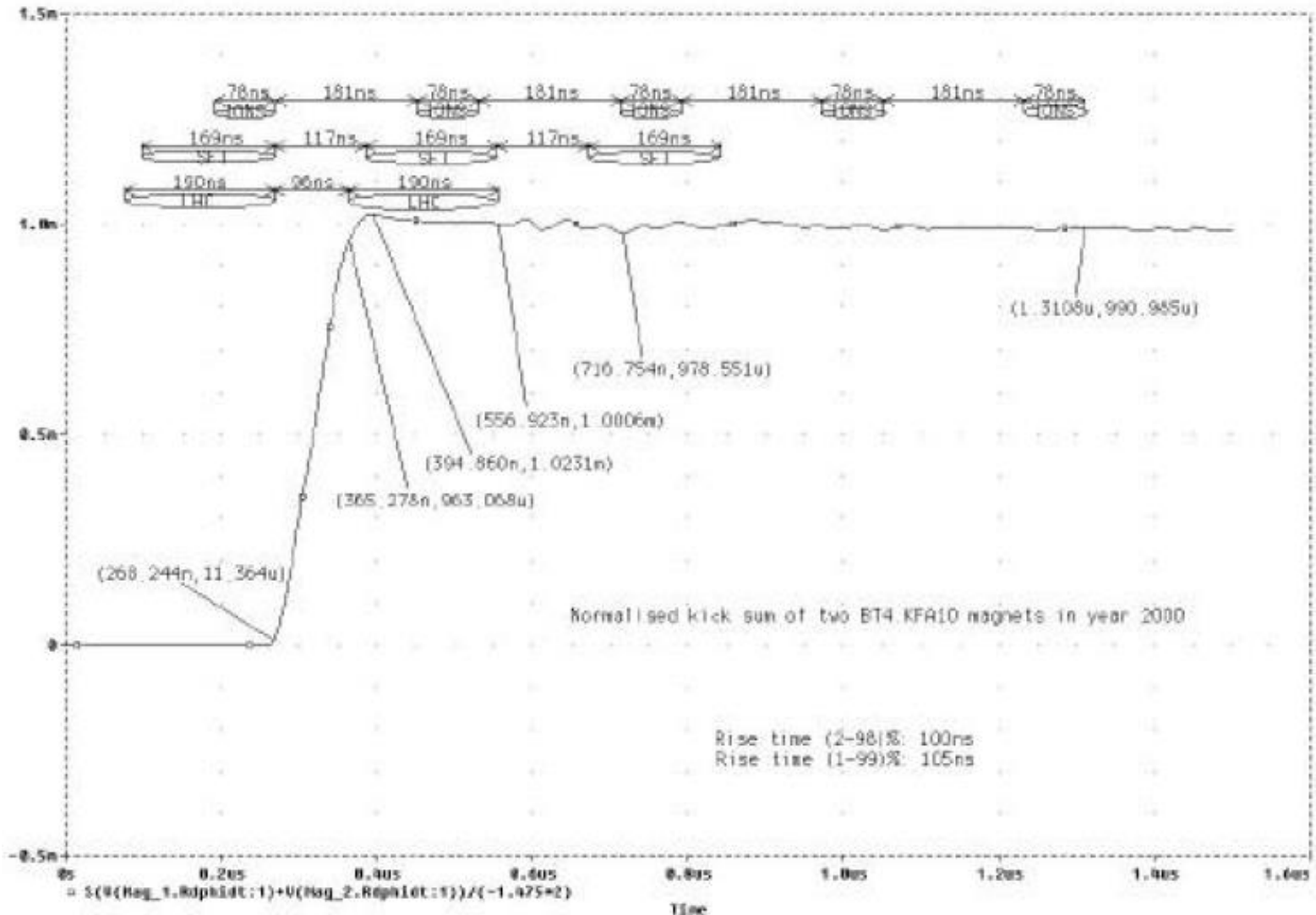


Kick rise time:	(5-95)%	90ns
	(2-98)%	116ns
	(1-99)%	133ns





BT4.KFA10 kick (Pspice calculated waveform)



From PS-CA-Note-2000-004.

The overshoot is not present in the measured waveforms.

