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(54) **CURRENT AND/OR VOLTAGE PULSE
SOURCE WITH RAPID RESPONSE TIME
AND SUB-NANOSECOND JITTER**

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(57) **ABSTRACT**

An electrical device for generating a test pulse, includes at least one voltage generator configured for generating an input voltage pulse in a first phase; for each generator, a coil transformer for amplifying the input voltage pulse; a rectifier diode; a target circuit comprising at least one target complex impedance and a capacitive element, the target circuit having a first electrode connected to the cathode of the rectifier diode and a second electrode; a trigger circuit configured for triggering a second phase by discharging the capacitive element through the target circuit so as to apply the test pulse to the target complex impedance.

