



institut d'électronique et de
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Northern Electronics and Microelectronics Institute
A division of C.N.R.S (French National Scientific Research Center)

**RESULTS OF LABORATORY EFFECTIVENESS ASSESSMENT
OF PREVECTRON EARLY STREAMER EMISSION AIR TERMINALS**

* Place of characterisation :

High voltage laboratory of the University of Louvain-la-Neuve..

* Measurement configuration :

In accordance with French standard NF C 17.102 (appendix C) with a rise time of the shock wave equal to 325µs.

* Measurement procedure :

Recording of the triggering time (T_B ; Time of Breakdown) for 100 consecutive shocks.

* Results

PRODUCT TESTED	MEAN TRIGGERING TIME (µs)	GAIN IN TRIGGERING TIME (µs) / single rod	STANDARDISED GAIN (ΔT _B) ACCORDING TO NF C 17-102 (µs)
Single rod	119,34		
Prevectron 2 TS2	96,3	23,1	45
Prevectron 2 TS3	85,6	33,9	65
Prevectron 2 S3	84,6	34,8	65
Prevectron 2 S4	79,5	39,9	80
Prevectron 2 S6	70,6	48,8	95

Measurements carried out in Louvain-La-Neuve on July the 25th, 1996.

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