



CERTIFICATE Of OPERATION in RAIN CONDITIONS According to the IEC 60060-1 STANDARD

Tests on the IONIFLASH MACH Early Streamer Emission (ESE) Air Terminal # CEHT-2010_04_29A

Applicant: FRANCE PARATONNERRES Zone d'Activités de CLOCHER 23000 GUERET - FRANCE	Date: 29th April 2010
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Results:

Input Voltage		DRY condition (kV)	RAIN condition (kV)	Insulation in % (RAIN / DRY)
Switching Impulse - NEGATIVE POLARITY	50% electrical breakdown	794	772	97,23%
	Withstand voltage	750	750	100,00%

The tests realized on the IONIFLASH MACH Early Streamer Emission (ESE) air-terminal have shown insulation greater than 97% according to the IEC 60060-1 standard.

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