



## Certificate of Conformity No 151-04687

<i>Object</i>	<b>Quantum Random Number Generator</b> Quantis-USB S/N 070222A410 Quantis-PCI-1 S/N 08338A310 Quantis-PCI Express S/N 1002251A210
<i>Applicant</i>	<b>id Quantique SA</b> Ch. De la Marbrerie 3 1227 Carouge/Geneva Switzerland
<i>Requirements</i>	The output of the Quantis random number generator has to pass all DIEHARD Battery of Tests, confirming that the random number generator distributes numbers with sufficient non-predictability, fair distribution and lack of bias to particular outcomes. Specifically: 10 data sets consisting of 1E8 bits per data set is considered to be random if none of the 234 p-values produced by the 15 DIEHARD Battery of Tests has a value between 1 and 1-epsilon, where epsilon is 1e-6.
<i>Confirmation</i>	The tested Quantis-USB, Quantis-PCI-1 and Quantis-PCI Express have passed all DIEHARD Battery of Tests. The sequence of random bits generated cannot be predicted. The sequence of random bits generated cannot be reproduced.
<i>Remarks</i>	The testing procedure used is described in the annex document "Annex_METAS_151-04687"

CH-3003 Bern-Wabern, 10 May 2010

For the Test

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