

Certificate of Conformity No 151-04687

Object Quantum Random Number Generator
Quantis-USB S/N 070222A410
Quantis-PCI-1 S/N 08338A310
Quantis-PCI Express S/N 1002251A210

Applicant id Quantique SA
Ch. De la Marbrerie 3
1227 Carouge/Geneva
Switzerland

Requirements 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.

Confirmation 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.

Remarks The testing procedure used is described in the annex document "Annex_METAS_151-04687"

CH-3003 Bern-Wabern, 10 May 2010



Certified true copy of an original document comprising page(s) Geneva, 10 JUIN 2014 /mub

For the Test

Dr. Damian Twerenbold

Division Mechanics, Radiation and Time

Dr. Philippe Richard, Vice-Director



This document may not be published or forwarded other than in full.

1/1

METAS
Lindenweg 50, CH-3003 Bern-Wabern, Tel. +41 31 32 33 111, www.metas.ch



Certificate of Compliance

This is to certify that the Random Number Generator

Quantis-v10.10.08

by

ID Quantique SA

REF : CTL-037/37001

has been tested by

CTL, Compliance Testing Laboratory

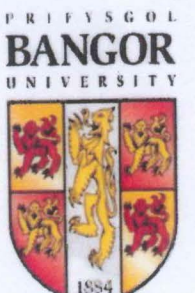
and has been found to be *suitably unpredictable and fit for purpose*

Issue Date: 30.03.2011

Certified true copy of an original document comprising page(s) Geneva, this 29th day of July 2014



Technical Compliance Manager, CAST Limited



CAST LTD Compliance Testing Laboratory,
A company approved and certified under the Online Gambling Regulation Act 2001 and accredited by UKAS for UK Testing

Compliance Testing Laboratory, Tŷ Menai, Fford Penlan, Parc Menai Business Park, Bangor, Gwynedd
LL57 4H1