



## Regulatory and certification documents package

Regulatory Model Number: [STT003](#)

Series Name(s): Enterprise Performance 10K HDD v9

Internal Name: [Skybolt](#)

<u>Date</u>	<u>Comments:</u>
<a href="#">5-8-2017</a>	<a href="#">Package generated.</a>
<a href="#">5-15-2018</a>	<a href="#">Added CE DoC with EN62368 added</a>
<a href="#">9-10-2018</a>	<a href="#">Add FIPS model</a>
<a href="#">11-2-2018</a>	<a href="#">Updated CE DoC with new RoHS statement</a>
<a href="#">7-25-2019</a>	<a href="#">Added TUV consolidated certificates</a>

### Contents:

- Australia/New Zealand - RCM mark SDoC (Supplier Declaration of Conformity)
- Australia/New Zealand - CoT (Certificate of Test)
- Canada ICES - CoT (Certificate of Test)
- CB Certificate
- CE DoC (Declaration of Conformity)
- CE\_Mark\_CoT
- Korea RRL – Certificate
- Korea - CoT (Certificate of Test)
- UL/cUL safety
- TUV safety
- Taiwan BSMI certificate
- Taiwan CoT (Certificate of Test)



## Supplier's Declaration of Conformity

Declaration of Conformity as a registered and responsible supplier under the Australian Communications and Media Authority (ACMA) regulatory arrangements for Regulatory Compliance Mark (RCM) and its placement.

Responsible Supplier Name: Seagate Technology Australia Pty Ltd  
Responsible Supplier Number: E806

**Seagate Technology Australia Pty. Limited**  
**Level 7, 91 Phillip St**  
**PARRAMATTA NSW 2150**  
**AUSTRALIA**

Declare under our sole responsibility that the following product(s):

**Hard Disk Data Storage Drive**

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**Model: STT003**

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to which this declaration relates is in conformity with the following standard(s):

Title	Test Regulation
<b>Australian/New Zealand Standard</b>	<b>AS/NZS CISPR 32: 2015</b>

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(Name of the Authorized Person) **Sam Zavaglia**

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(Title of the Authorized Person) **Senior Field Applications Engineer**

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(Date of Issue) **27<sup>th</sup> March 2017**

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(Signature)



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**Seagate Technology LLC**

**STT003**

**Report # SEAG0141**



NVLAP Lab Code: 200881-0

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# CERTIFICATE OF TEST

Last Date of Test: March 15, 2017  
Seagate Technology LLC  
Model: STT003

## Emissions

### Standards

Specification	Method
AS/NZS CISPR 32:2015 Class B	AS/NZS CISPR 32:2015
EN 55032:2012/AC:2013 Class B	CISPR 32:2015
FCC 15.107:2017 Class B	ANSI C63.4:2014
FCC 15.109(g):2017 Class B	ANSI C63.4:2014
FCC 15.109:2017 Class B	ANSI C63.4:2014
ICES-003:2016 Class B	ANSI C63.4:2014
VCCI:2015-04 Class B	VCCI:2015-04
EN 61000-3-2:2014	IEC 61000-3-2:2014
EN 61000-3-3:2013	IEC 61000-3-3:2013

### Results

Test Description	Applied	Results	Comments
Radiated Emissions	Yes	Pass	
Radiated Emissions High Frequency	Yes	Pass	
Conducted Emissions	Yes	Pass	
Telecom Conducted Emissions	Yes	Pass	
Harmonic Current Emissions	Yes	Pass	
Voltage Fluctuations and Flicker	Yes	Pass	

### Deviations From Test Standards

None

### Approved By:

Dean Ghizzone, General Manager

*Product compliance is the responsibility of the client; therefore, the tests and equipment modes of operation represented in this report were agreed upon by the client, prior to testing. The results of this test pertain only to the sample(s) tested. The specific description is noted in each of the individual sections of the test report supporting this certificate of test. This report reflects only those tests from the referenced standards shown in the certificate of test. It does not include inspection or verification of labels, identification, marking or user information.*



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**Seagate Technology LLC**

**STT003**

**Report # SEAG0141**



NVLAP Lab Code: 200881-0

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2017-1-25

# CERTIFICATE OF TEST

**Last Date of Test: March 15, 2017**  
**Seagate Technology LLC**  
**Model: STT003**

## Emissions

### Standards

Specification	Method
AS/NZS CISPR 32:2015 Class B	AS/NZS CISPR 32:2015
EN 55032:2012/AC:2013 Class B	CISPR 32:2015
FCC 15.107:2017 Class B	ANSI C63.4:2014
FCC 15.109(g):2017 Class B	ANSI C63.4:2014
FCC 15.109:2017 Class B	ANSI C63.4:2014
ICES-003:2016 Class B	ANSI C63.4:2014
VCCI:2015-04 Class B	VCCI:2015-04
EN 61000-3-2:2014	IEC 61000-3-2:2014
EN 61000-3-3:2013	IEC 61000-3-3:2013

### Results

Test Description	Applied	Results	Comments
Radiated Emissions	Yes	Pass	
Radiated Emissions High Frequency	Yes	Pass	
Conducted Emissions	Yes	Pass	
Telecom Conducted Emissions	Yes	Pass	
Harmonic Current Emissions	Yes	Pass	
Voltage Fluctuations and Flicker	Yes	Pass	

### Deviations From Test Standards

None

### Approved By:

Dean Ghizzone, General Manager

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Ref. Certif. No.

DE 3 - 502362

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

### CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product

Disk drives

Name and address of the applicant

Seagate Technology LLC  
1280 Disc Drive  
Shakopee, MN 55379-1863, USA

Name and address of the manufacturer

Seagate Technology LLC  
1280 Disc Drive, Shakopee, MN 55379-1863, USA

Name and address of the factory

Seagate Technology LLC  
1280 Disc Drive, Shakopee, MN 55379-1863, USA  
For further information please see attachment

Ratings and principal characteristics

Rated Input Voltage: +5V/+12V  
Rated Frequency: dc  
Rated Input Current: 0.7A/0.55A  
Protection Class: III  
Degree of Protection: IPX0

Trade mark (if any)

Seagate

Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model/type Ref.

STT003

Additional information (if necessary)

A sample of the product was tested and found to be in conformity with

IEC 60950-1:2005  
IEC 60950-1:2005/AMD1:2009  
IEC 60950-1:2005/AMD2:2013

as shown in the Test Report Ref. No. which forms part of this certificate

092-72125867-000

This CB Test Certificate is issued by the National Certification Body  
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**

Date, 2017-04-19  
CB 17 04 41780 623

William P. Weller



IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST  
CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)  
CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE  
CERTIFICATS D'ESSAIS DES EQUIPEMENTS  
ELECTRIQUES (IECEE) METHODE OC

## CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product	Disk drives
Name and address of the applicant	Seagate Technology LLC 1280 Disc Drive Shakopee, MN 55379-1863, USA
Name and address of the manufacturer	Seagate Technology LLC 1280 Disc Drive, Shakopee, MN 55379-1863, USA
Name and address of the factory	Seagate Technology LLC 1280 Disc Drive, Shakopee, MN 55379-1863, USA For further information please see attachment
Ratings and principal characteristics	Rated Input Voltage: +5V/+12V Rated Frequency: dc Rated Input Current: 0.7A/0.55A Protection Class: III Degree of Protection: IPX0
Trade mark (if any)	Seagate
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model/type Ref.	STT003
Additional information (if necessary)	
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2014
as shown in the Test Report Ref. No. which forms part of this certificate	092-72125872-000

This CB Test Certificate is issued by the National Certification Body  
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**

Date, 2017-04-20  
CB 17 04 41780 625



William P. Weller





## EU Declaration of Conformity

### Product Safety and EMC Compliance

The product(s) meets the requirements of The Electromagnetic Compatibility (EMC) Directive 2014/30/EU by application of the following standards:

<u>EN 55032:2012</u>	Electromagnetic compatibility of multimedia equipment — Emission requirements – class B.
<u>EN55024:2010</u>	Information Technology Equipment – Immunity Characteristics – Limits and Methods of Measurement
<u>EN61000-3-2:2014</u>	Limits for Harmonic Current Emissions (Equipment Input Current $\leq 16$ Amps Per Phase)
<u>EN61000-3-3:2013</u>	Limitation of Voltage Changes, Voltage Fluctuations and Flicker in Low-Voltage Supply Systems for Equipment with Rated Current $\leq 16$ Amps Per Phase

The product(s) meets the requirements of The Low Voltage Directive (LVD) 2014/35/EU by application of the following standard:

<u>EN 62368-1:2014</u>	Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, Modified)
------------------------	--

EN 60950-1:2006 /A11:2009 /A1:2010 /A12:2011/A2:2013 Information Technology Equipment - Safety- (Second Edition) Part 1: General Requirements

### Product Environmental Compliance, EU/China RoHS Declaration of Conformity

#### Conformity with Harmonized Standards/Technical Specifications:

1. Directive 2011/65/EU RoHS “Recast” (RoHS 2) as amended by Directive (EU) 2015/863 and further amended by Directive 2018/739 and Directive 2018/740  
EN 50581:2012
2. Management Methods for Controlling Pollution by Electronic Information Products, Ministry of Information Industry Order No. 39 (China RoHS)
3. Management Methods for the Restriction of the Use of Hazardous Substances in electrical and Electronic Products, Ministry of Industry and Information Technology Order No. 32 effective July 1, 2016 (China RoHS 2)
4. Joint JEDEC/ECA Standard, Definition of “Low-Halogen” for Electronic Products, JS709B

Seagate products rely on the following RoHS 2 exemptions for compliance:

6(a)-I	Lead as an alloying element in steel for machining purposes containing up to 0.35% lead by weight and in batch hot dip galvanized steel components containing up to 0.2% lead by weight
6(b)-II	Lead as an alloying element in aluminum for machining purposes up to 0.4% lead by weight
6c	Copper alloy up to 0.4% lead by weight
7a	Lead in high melting temperature type solders (i.e. lead-based solder alloys containing 85 % by weight or more lead
7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors (e.g. piezoelectronic devices) or in a glass or ceramic matrix compound

### Due Diligence

For parts and materials in Seagate products procured from external suppliers, we rely on the representations of our suppliers regarding the presence of RoHS 2 substances in these parts and materials. Our supplier contracts require compliance with our chemical substance restrictions, and our suppliers document their compliance with our requirements by providing material content declarations for all parts and materials for Seagate products. Current supplier declarations include disclosure of any substances regulated by RoHS 2 in such parts or materials.

Seagate also has internal systems in place to ensure ongoing compliance and all laws and regulations. These systems include standard operating procedures that ensure that product safety, EMC and environmental compliance requirements are followed and an internal auditing process to ensure compliance with all standard operating procedures.

**Year to Begin Affixing Mark:** 2017

**Manufacturer's Name:** Seagate Technology, LLC  
**Manufacturer's Address:** 10200 South De Anza Blvd.  
**(And Importer)** Cupertino, California 95014-3029 U.S.A.

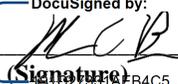
**European Contact:** Director of Operations  
Seagate Singapore Int'l HQ Pte. Ltd  
Koolhovenlaan 1  
1119 NB Schiphol - Rijk  
The Netherlands

**Type of Equipment:** Hard Disc Drive  
**Product Name: (Internal)** Enterprise Performance 10K HDD v9 (Skybolt)  
**Regulatory Model Number(s):** STT003

**Seagate Models:**  
ST1200MM0099, ST1200MM0089, ST1200MM0069, ST1200MM0079, ST1200MM0039, ST1200MM0049  
ST1200MM0059, ST1200MM0029, ST1200MM0009, ST1200MM0019, ST1800MM0079, ST1800MM0069  
ST1800MM0059, ST1800MM0049, ST1800MM0039, ST1800MM0029, ST1800MM0019, ST1800MM0009  
ST1200MM0119, ST1200MM0109, ST2400MM0059, ST2400MM0049, ST2400MM0039, ST2400MM0029  
ST2400MM0009, ST2400MM0019, ST1800MM0119, ST1800MM0109, ST1800MM0099, ST1800MM0089  
ST900MM0089, ST900MM0079, ST900MM0069, ST900MM0059, ST900MM0049, ST900MM0039  
ST900MM0029, ST900MM0019, ST900MM0009, ST600MM0089, ST600MM0079, ST600MM0069  
ST600MM0059, ST600MM0049, ST600MM0039, ST600MM0029, ST600MM0019, ST600MM0009  
ST2400MM0119, ST2400MM0109, ST2400MM0099, ST2400MM0089, ST2400MM0079, ST2400MM0069  
ST600MM0099, ST900MM0099, ST1200MM0129, ST1800MM0129, ST2400MM0129, ST600MM0109  
ST900MM0109, ST1200MM0139, ST1800MM0139, ST2400MM0139, ST1200MM0149, ST1800MM0149  
ST2400MM0149, ST600MM0119, ST900MM0119, ST1200MM0159, ST1800MM0159, ST2400MM0159  
ST600MM0239

This product or products are in conformity with the relevant Union harmonization legislation. This declaration of conformity is issued under the sole responsibility of Seagate Technology LLC.

**Date:** October 25, 2018 | 15:48:54 PDT

DocuSigned by:  
  
(Signature)

**Matthew C. Brown**  
**Vice President**  
**Operations and Technology**



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**Seagate Technology LLC**

**STT003**

**Report # SEAG0141**



NVLAP Lab Code: 200881-0

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2017-1-25

# CERTIFICATE OF TEST

Last Date of Test: March 15, 2017  
Seagate Technology LLC  
Model: STT003

## Emissions

### Standards

Specification	Method
AS/NZS CISPR 32:2015 Class B	AS/NZS CISPR 32:2015
EN 55032:2012/AC:2013 Class B	CISPR 32:2015
FCC 15.107:2017 Class B	ANSI C63.4:2014
FCC 15.109(g):2017 Class B	ANSI C63.4:2014
FCC 15.109:2017 Class B	ANSI C63.4:2014
ICES-003:2016 Class B	ANSI C63.4:2014
VCCI:2015-04 Class B	VCCI:2015-04
EN 61000-3-2:2014	IEC 61000-3-2:2014
EN 61000-3-3:2013	IEC 61000-3-3:2013

### Results

Test Description	Applied	Results	Comments
Radiated Emissions	Yes	Pass	
Radiated Emissions High Frequency	Yes	Pass	
Conducted Emissions	Yes	Pass	
Telecom Conducted Emissions	Yes	Pass	
Harmonic Current Emissions	Yes	Pass	
Voltage Fluctuations and Flicker	Yes	Pass	

### Deviations From Test Standards

None

### Approved By:

Dean Ghizzone, General Manager

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2017-1-25

# CERTIFICATE OF TEST

**Last Date of Test: March 15, 2017**  
**Seagate Technology LLC**  
**Model: STT003**

## Immunity

### Standards

Specification	Method
EN 55024:2010	IEC 61000-4-2:2008
	IEC 61000-4-3:2010
	IEC 61000-4-4:2012
	IEC 61000-4-5:2014
	IEC 61000-4-6:2013
	IEC 61000-4-8:2009
	IEC 61000-4-11:2004

### Results

Test Description	Performance Criteria			Comments
	Applied	Standard Specified	Observed Criteria	
Electrostatic Discharge (ESD)	Yes	B	A	
Radiated Immunity	Yes	A	A	
Electrical Fast Transients and Bursts (EFT)	Yes	B	A	
Surge	Yes	B	A	
Conducted Immunity	Yes	A	A	
Magnetic Field Immunity	Yes	A	A	
Voltage Interruptions	Yes	C	C	
Voltage Dips	Yes	B/C	A/C	

Details on the application of the performance criteria, as well as any manufacturer provided performance criteria or acceptable degradation of performance, are all contained within the report.

### Deviations From Test Standards

None

### Approved By:

Dean Ghizzone, General Manager

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# 방송통신기자재등의 적합등록 필증

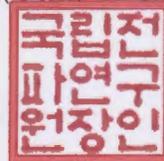
## Registration of Broadcasting and Communication Equipments

상호 또는 성명 <i>Trade Name or Registrant</i>	SEAGATE TECHNOLOGY LLC
기자재명칭(제품명칭) <i>Equipment Name</i>	Hard Disc Drive
기본모델명 <i>Basic Model Number</i>	STT003
파생모델명 <i>Series Model Number</i>	ST1200MM0099, ST600MM0239, ST2400MM0159, ST1600MM0119, ST1800MM0149, ST900MM0109, ST1200MM0159, ST2400MM0149, ST1800MM0139, ST2400MM0129, ST1800MM0159, ST1200MM0149, ST1200MM0139, ST1800MM0129, ST600MM0099, ST2400MM0089, ST600MM0009, ST600MM0049, ST600MM0089, ST900MM0039, ST900MM0099, ST1200MM0129, ST900MM0119, ST2400MM0139, ST600MM0109, ST2400MM0069, ST2400MM0109, ST600MM0029, ST600MM0069, ST900MM0019, ST900MM0059, ST2400MM0079, ST2400MM0119, ST600MM0039, ST600MM0079, ST900MM0029, ST900MM0069, ST1800MM0119, ST2400MM0039, ST2400MM0059, ST1800MM0009, ST2400MM0099, ST600MM0019, ST600MM0059, ST900MM0009, ST900MM0049, ST900MM0089, ST2400MM0009, ST1200MM0109, ST1800MM0059, ST1800MM0109, ST2400MM0049, ST1800MM0019, ST1800MM0039, ST1800MM0089, ST1200MM0029, ST1200MM0079, ST1800MM0049, ST1800MM0099, ST1200MM0059, ST1200MM0069, ST900MM0079, ST2400MM0019, ST2400MM0029, ST1200MM0119, ST1800MM0029, ST1800MM0079, ST1200MM0019, ST1200MM0039, ST1200MM0089, ST1800MM0069, ST1200MM0009, ST1200MM0049
등록번호 <i>Registration No.</i>	MSIP-REM-STX-STT003
제조사/제조(조립)국가 <i>Manufacturer/Country of Origin</i>	SEAGATE TECHNOLOGY LLC / 태국, 중국
등록연월일 <i>Date of Registration</i>	2017-03-30
기타 <i>Others</i>	

위 기자재는 「전파법」 제58조의2 제3항에 따라 등록되었음을 증명합니다.  
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2018년(Year) 09월(Month) 03일(Day)

국립전파연구원장



Director General of National Radio Research Agency

※ 적합등록 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다.  
위반시 과태료 처분 및 등록이 취소될 수 있습니다.



Report No. SEAG0141.1

NRRA Notice No. 2015-110 (2015.12.03) Test Method for Electromagnetic Compatibility

Applicant Information	Applicant:	Seagate Technology LLC	
	Address:	1280 Disc Drive Shakopee, MN 55379	
	Contact Name:	Curt Propson	
Product Information	Equipment Name:	Hard Disc Drive	
	Model Name:	STT003	
	KCC ID Number	MSIP-REM-STX-STT003	
	Manufacturer:	Seagate Technology LLC	
	Manufacturer Address:	1280 Disc Drive Shakopee, MN 55379	
	Origin Country:	Thailand	
Date(s) of testing		3/8/2017, 3/9/2017, 3/10/2017, 3/15/2017	
Equipment Class		<input type="checkbox"/> Class A	<input checked="" type="checkbox"/> Class B
Test Results		<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL
Lab Performing the Tests	Element Materials Technology Brooklyn Park Lab 22975 NW Evergreen Parkway, Suite 400 Hillsboro, OR 97124 USA 503-844-4066 888-364-2378		

Test Technician Mike Sutherland, William Hoffa, Dustin Sparks	General Manager Dean Ghizzone



# CERTIFICATE OF TEST

**Last Date of Test: March 15, 2017**  
**Seagate Technology LLC**  
**Model: STT003**

## Emissions

### Standards

Specification	Method
KN32 Class B	KN32
Technical Requirements for Electromagnetic Compatibility: NRRRA Notice 2015-27 (2015.12.03)	
Test Methods for Electromagnetic Compatibility: NRRRA Notice 2015-110 (2015.12.03)	
Notice regarding Conformity Evaluation of Broadcasting and Communication Equipment: NRRRA Notice 2015-26 (2015.11.30)	

### Results

Test Description	Applied	Results	Comments
Radiated Emissions	Yes	Pass	
Radiated Emissions High Frequency	Yes	Pass	
Conducted Emissions	Yes	Pass	
Telecom Conducted Emissions	Yes	Pass	

### Deviations from Test Standards

None

### Approved By:

Dean Ghizzone, General Manager

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# CERTIFICATE OF TEST

**Last Date of Test: March 15, 2017**  
**Seagate Technology LLC**  
**Model: STT003**

## Immunity

### Standards

Specification	Method
KN 35	KN 61000-4-2 KN 61000-4-3 KN 61000-4-4 KN 61000-4-5 KN 61000-4-6 KN 61000-4-8 KN 61000-4-11

Technical Requirements for Electromagnetic Compatibility: NRRRA Notice 2015-27 (2015.12.03)  
 Test Methods for Electromagnetic Compatibility: NRRRA Notice 2015-110 (2015.12.03)  
 Notice regarding Conformity Evaluation of Broadcasting and Communication Equipment: NRRRA Notice 2015-26 (2015.11.30)

### Results

Test Description	Performance Criteria			Comments
	Applied	Standard Specified	Observed Criteria	
Electrostatic Discharge (ESD)	Yes	B	A	
Radiated Immunity	Yes	A	A	
Electrical Fast Transients and Bursts (EFT)	Yes	B	A	
Surge	Yes	B	A	
Conducted Immunity	Yes	A	A	
Magnetic Field Immunity	Yes	A	A	
Voltage Interruptions	Yes	C	C	
Voltage Dips	Yes	B/C	A/A	

Details on the application of the performance criteria, as well as any manufacturer provided performance criteria or acceptable degradation of performance, are all contained within the report.

### Deviations from Test Standards

None

### Approved By:

Dean Ghizzone, General Manager

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20180418- E145123  
**Report Reference** E145123-A48-UL  
**Issue Date** 2018-APRIL-18

**Issued to:** SEAGATE TECHNOLOGY L L C  
1280 DISC DR  
SHAKOPEE MN 55379-1863

**This is to certify that  
representative samples of**

COMPONENT - Information Technology Equipment  
Including Electrical Business Equipment; COMPONENT -  
AUDIO/VIDEO, INFORMATION AND COMMUNICATION  
TECHNOLOGY EQUIPMENT  
Hard Drive, STT003

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** See Addendum Page

**Additional Information:** See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog  
number, model number or other product designation as specified under "Marking" for the particular  
Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products  
that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  
, may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is  
required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual  
recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance  
capabilities and are intended for use as components of complete equipment submitted for investigation rather  
than for direct separate installation in the field. The final acceptance of the component is dependent upon its  
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



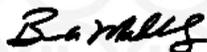
# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20180418- E145123  
**Report Reference** E145123-A48-UL  
**Issue Date** 2018-APRIL-18

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## Standards for Safety:

UL 60950-1 and CAN/CSA C22.2 No. 60950-1-07 - Information Technology Equipment - Safety - Part 1: General Requirements,  
UL 62368-1 and CSA-C22.2 No. 62368-1 - Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements



Bruce Mahrenholz, Director North American Certification Program

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Product Service

# CERTIFICATE

No. B 091950 0060 Rev. 00

Model	Rated Current A	Weight: kg	Dimensions mm
STT003	0.7 A / 0.55 A	0.206	101 x 70 x 15
Regulatory Model STT001 Hard Disk Drive Series	1.0 A / 0.50 A	0.219	146.5 x 101 x 26
Regulatory Model STT002 Hard Disk Drive Series	0.6 A / 0.35 A	0.223	101 x 70 x 15
STL004	0.82 A / 0.69 A	0.684	146.5 x 101 x 26
STL005	0.90 A / 0.72 A	0.682	146.5 x 101 x 26
STR016	0.90 A / 0.72 A	0.78	146.5 x 101 x 26
Cheetah 15K.7: Drive Family:	(-SS): 0.9 A / 1.0 A	0.714	146 x 102 x 26
Cheetah 15K.7: Drive Family:	(-FC): 1.0 A / 1.0 A	0.714	146 x 102 x 26
Cheetah 15K.7: Drive Family:	(-FCV): 1.3 A	0.714	146 x 102 x 26
Constellation.2 Family:	1.1 A / 0.2 A (-SS)	0.195	101 x 70 x 15
Constellation.2 Family:	0.8 A / 0.2 A (-NS)	0.195	101 x 70 x 15
Regulatory Model STR00F Hard Disk Drive	0.90 A / 0.90 A	0.74	146.5 x 101 x 26
Enterprise Performance 15K HDD v5 Family	0.80 A / 0.50 A	0.231	101 x 70 x 15
Enterprise Performance 15K HDD v4 Family	0.65 A / 0.50 A	0.229	101 x 70 x 15
Enterprise Performance 10K HDD v7 Family	0.60 A / 0.40 A	0.202	101 x 70 x 15
Enterprise Turbo SSHD Family	0.75 A / 0.50 A	0.229	101 x 70 x 15
Regulatory Model STR00A Hard Disk Drive Series	0.80 A / 0.50 A	0.200	101 x 70 x 15
Savvio 10K.6 Family:	0.70 A / 0.30 A	0.220	101 x 70 x 15
Savvio 15K.3 Family:	1.10 A / 0.30 A (-SS)	0.193	101 x 70 x 15
Savvio 15K.3 Family:	1.10 A / 0.30 A (-SS)	0.198	101 x 70 x 15
Enterprise Performance 15K HDD v5 (Hybrid) Family	0.80 A / 0.50 A	0.231	101 x 70 x 15
Enterprise Performance 10K HDD v8 (Hybrid) Family	0.80 A / 0.50 A	0.199	101 x 70 x 15
Enterprise Capacity 2.5 HDD v3 Family	0.60 A / 0.30 A (SAS interface)	0.195	101 x 70 x 15

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Product Service

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No. B 091950 0060 Rev. 00

Regulatory Model Number: STT003:

\*\* Indicates configuration tested.

	4 heads/2 disc
	1200 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, Standard
	1200 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SED
	1200 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, ISE
	1200 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SEDw/FIPS
	1200 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, Standard
	1200 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SED
	1200 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, ISE
	1200 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SEDw/FIPS
	1200 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, Standard
	1200 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SED
	1200 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, ISE
	1200 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SEDw/FIPS
	900 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, Standard
	900 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SED
	900 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, ISE
	900 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, Standard
	900 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SED
	900 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, ISE
	900 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, Standard
	900 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SED
	900 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, ISE
	2 heads/1 disc
	600 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, Standard
	600 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, SED
	600 GB, SAS interface, 256 MB cache, 512n Format, NAND Flash, ISE
	600 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, Standard
	600 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, SED
	600 GB, SAS interface, 256 MB cache, 5xxE Format, NAND Flash, ISE
	600 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, Standard
	600 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, SED
	600 GB, SAS interface, 256 MB cache, 4Kn Format, NAND Flash, ISE

Note: Any variations in capacity, cache size, format size, NAND or no NAND and security options can be incorporated to create Interchangeable model configurations. All configurations will fall under STT003.

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Product Service

# CERTIFICATE

No. B 091950 0060 Rev. 00

Enterprise Turbo SSHD (with 32GB NAND Flash) model family variations:

Model #	Capacity/GB	Interface	Format	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	ISE Enabled
ST600MX0034	600	SAS	4Kn	3 / 6	128	1DD202-XXX	No	NQAJ	No	No
ST600MX0044	600	SAS	4Kn	3 / 6	128	1DD212-XXX	Yes	NQAJ	No	No
ST600MX0054	600	SAS	4Kn	3 / 6	128	1DD222-XXX	Yes	NQAJ	Yes	No
ST600MX0074	600	SAS	4Kn	3 / 6	128	1DD232-XXX	Yes	NQAJ	No	Yes
ST450MX0034	450	SAS	4Kn	3 / 6	128	1DE202-XXX	No	NQAJ	No	No
ST450MX0044	450	SAS	4Kn	3 / 6	128	1DE212-XXX	Yes	NQAJ	No	No
ST450MX0054	450	SAS	4Kn	3 / 6	128	1DE222-XXX	Yes	NQAJ	Yes	No
ST450MX0074	450	SAS	4Kn	3 / 6	128	1DE232-XXX	Yes	NQAJ	No	Yes
ST600MX0004	600	SAS	5xxE	3 / 6	128	1DD201-XXX	No	NQAJ	No	No
ST600MX0014	600	SAS	5xxE	3 / 6	128	1DD211-XXX	Yes	NQAJ	No	No
ST600MX0024	600	SAS	5xxE	3 / 6	128	1DD221-XXX	Yes	NQAJ	Yes	No
ST600MX0064	600	SAS	5xxE	3 / 6	128	1DD231-XXX	Yes	NQAJ	No	Yes
ST450MX0004	450	SAS	5xxE	3 / 6	128	1DE201-XXX	No	NQAJ	No	No
ST450MX0014	450	SAS	5xxE	3 / 6	128	1DE211-XXX	Yes	NQAJ	No	No
ST450MX0024	450	SAS	5xxE	3 / 6	128	1DE221-XXX	Yes	NQAJ	Yes	No
ST450MX0064	450	SAS	5xxE	3 / 6	128	1DE231-XXX	Yes	NQAJ	No	Yes
ST300MX0034	300	SAS	4Kn	2 / 4	128	1DF202-XXX	No	NQAJ	No	No
ST300MX0044	300	SAS	4Kn	2 / 4	128	1DF212-XXX	Yes	NQAJ	No	No
ST300MX0054	300	SAS	4Kn	2 / 4	128	1DF222-XXX	Yes	NQAJ	Yes	No
ST300MX0074	300	SAS	4Kn	2 / 4	128	1DF232-XXX	Yes	NQAJ	No	Yes
ST300MX0004	300	SAS	5xxE	2 / 4	128	1DF201-XXX	No	NQAJ	No	No
ST300MX0014	300	SAS	5xxE	2 / 4	128	1DF211-XXX	Yes	NQAJ	No	No
ST300MX0024	300	SAS	5xxE	2 / 4	128	1DF221-XXX	Yes	NQAJ	Yes	No
ST300MX0064	300	SAS	5xxE	2 / 4	128	1DF231-XXX	Yes	NQAJ	No	Yes

Definitions: FIPS = Federal Information Processing System  
 ISE = Instant Secure Erase  
 SED= Self Encrypted Disc

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Product Service

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No. B 091950 0060 Rev. 00

Regulatory Model STR00A Hard Disk Drive series variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Regulatory Model Number	SED Enabled	Board Type	FIPS Label affixed	Format Size
ST1800MM0168	1800	SAS	4 / 8	128	STR00A	No	DSAJ	No	5xxE
ST1800MM0178	1800	SAS	4 / 8	128	STR00A	Yes	DSAJ	No	5xxE
ST1800MM0188	1800	SAS	4 / 8	128	STR00A	Yes	DSAJ	Yes	5xxE

Note: Model tested in bold. All other models added by similarity. Added serial flash IC incorporated in all models creates mirrored DRAM configuration for increased performance. Model differences from standard configuration are SED and SED with FIPS

Definitions: FIPS = Federal Information Processing System, SED= Self Encrypted Disc

Savvio 10K.6 model family variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	ISE Enabled
ST900MM0006	900	SAS	3 / 6	64	9WH066-xxx	No	PQAJ	No	No
ST900MM0026	900	SAS	3 / 6	64	9WM066-xxx	Yes	PQAJ	No	No
ST900MM0036	900	SAS	3 / 6	64	IC9066-xxx	Yes	PQAJ	Yes	No
ST900MM0046	900	SAS	3 / 6	64	IE4066-xxx	Yes	PQAJ	No	Yes
ST600MM0006	600	SAS	2 / 4	64	9WG066-xxx	No	PQAJ	No	No
ST600MM0026	600	SAS	2 / 4	64	9WL066-xxx	Yes	PQAJ	No	No
ST600MM0036	600	SAS	2 / 4	64	IC8066-xxx	Yes	PQAJ	Yes	No
ST600MM0046	600	SAS	2 / 4	64	IE3066-xxx	Yes	PQAJ	No	Yes
ST450MM0006	450	SAS	2 / 3	64	9WF066-xxx	No	PQAJ	No	No
ST450MM0026	450	SAS	2 / 3	64	9WK066-xxx	Yes	PQAJ	No	No
ST450MM0036	450	SAS	2 / 3	64	IC7066-xxx	Yes	PQAJ	Yes	No
ST450MM0046	450	SAS	2 / 3	64	IE2066-xxx	Yes	PQAJ	No	Yes
ST300MM0006	300	SAS	1 / 2	64	9WE066-xxx	No	PQAJ	No	No
ST300MM0026	300	SAS	1 / 2	64	9WJ066-xxx	Yes	PQAJ	No	No
ST300MM0036	300	SAS	1 / 2	64	IC6066-xxx	Yes	PQAJ	Yes	No
ST300MM0046	300	SAS	1 / 2	64	IE1066-xxx	Yes	PQAJ	No	Yes

Definitions: FIPS = Federal Information Processing System  
ISE = Instant Secure Erase  
SED= Self Encrypted Disc

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No. B 091950 0060 Rev. 00

Savvio 15K.3 model family variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed
Full-pop								
ST9300653SS	300	SAS	2 / 4	32	9SW066-xxx	No	HPAJ-x	No
ST9300553SS	300	SAS	2 / 4	32	9ZZ066-xxx	Yes	HPAJ-x	No
ST9300453SS	300	SAS	2 / 4	32	9XM066-xxx	Yes	HPAJ-x	Yes
De-pop								
ST9146853SS	146	SAS	1 / 2	32	9SV066-xxx	No	HPAJ-x	No
ST9146753SS	146	SAS	1 / 2	32	9ZY066-xxx	Yes	HPAJ-x	No
ST9146653SS	146	SAS	1 / 2	32	9XL066-xxx	Yes	HPAJ-x	Yes

Definition: FIPS = Federal Information Processing System

Enterprise Performance 15K HDD v5 (Hybrid) model family variations:

Model #	Capacity/GB	Interface	Format	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	NAND Flash
ST600MX0082	600	SAS	4Kn	3 / 6	128	1L8202-XXX	No	TRAJ	No	32GB
ST600MX0092	600	SAS	4Kn	3 / 6	128	1L8212-XXX	Yes	TRAJ	No	32GB
ST600MX0102	600	SAS	4Kn	3 / 6	128	1L8222-XXX	Yes	TRAJ	Yes	32GB
ST600MX0052	600	SAS	5xxE	3 / 6	128	1L8201-XXX	No	TRAJ	No	32GB
ST600MX0062	600	SAS	5xxE	3 / 6	128	1L8211-XXX	Yes	TRAJ	No	32GB
ST600MX0072	600	SAS	5xxE	3 / 6	128	1L8221-XXX	Yes	TRAJ	Yes	32GB
ST300MX0032	300	SAS	4Kn	2 / 4	128	1L7202-XXX	No	TRAJ	No	32GB
ST300MX0042	300	SAS	4Kn	2 / 4	128	1L7212-XXX	Yes	TRAJ	No	32GB
ST300MX0012	300	SAS	5xxE	2 / 4	128	1L7201-XXX	No	TRAJ	No	32GB
ST300MX0022	300	SAS	5xxE	2 / 4	128	1L7211-XXX	Yes	TRAJ	No	32GB

Definitions: FIPS = Federal Information Processing System  
 ISE = Instant Secure Erase  
 SED= Self Encrypted Disc

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Product Service

# CERTIFICATE

No. B 091950 0060 Rev. 00

Enterprise Performance 10K HDD v8 (Hybrid) model family variations:

Model #	Capacity/GB	Interface	Disc / Heads	Cache (MB)	Part Number	SED Enabled	Board Type	FIPS Label affixed	Format Size
ST600MM0158	600	SAS	2 / 3	128	1RY201-XXX	No	QRAJ	No	5xxE
ST600MM0178	600	SAS	2 / 3	128	1RY211-XXX	Yes	QRAJ	No	5xxE
ST600MM0168	600	SAS	2 / 3	128	1RY231-XXX	Yes	QRAJ	No	5xxE
ST600MM0188	600	SAS	2 / 3	128	1RY221-XXX	Yes	QRAJ	Yes	5xxE
ST600MM0118	600	SAS	2 / 3	128	1RY202-XXX	No	QRAJ	No	4kn
ST600MM0138	600	SAS	2 / 3	128	1RY212-XXX	Yes	QRAJ	No	4kn
ST600MM0128	600	SAS	2 / 3	128	1RY232-XXX	Yes	QRAJ	No	4kn
ST600MM0148	600	SAS	2 / 3	128	1RY222-XXX	Yes	QRAJ	Yes	4kn

Note: Model tested in bold. All other models added by similarity.

Definitions: FIPS = Federal Information Processing System, SED= Self Encrypted Disc  
ISE = Instant Secure Erase,

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符合性聲明書  
Declaration of Conformity

報驗義務人代碼 Code of the applicant	編 號 Number
D33027	1808221044

本符合性聲明書應依商品檢驗法規定備齊相關技術文件後始得簽具  
Please check all the related technical documents in accordance with the Commodity Inspection Act before signing the form.

報驗義務人：台灣希捷科技股份有限公司(Seagate Technology Taiwan, Ltd.)

Obligatory Applicant

地址：臺北市松山區復興北路 363 號 14 樓 B 室

Address

電話：886-2-2514-2273

Telephone

商品中 (英) 文名稱：硬式磁碟機 HDD

Commodity Name

商品型式 (或型號)：

Commodity Type (Model)

STT003- ST1200MM0099, ST1200MM0069, ST1200MM0039, ST1200MM0009, ST600MM0069, ST600MM0039, ST600MM0009, ST600MM0239, ST600MM0099, ST1200MM0129, ST1800MM0129, ST2400MM0129, ST600MM0109, ST1200MM0139, ST1800MM0139, ST2400MM0139, ST1800MM0149, ST2400MM0149, ST600MM0119, ST1200MM0159, ST1800MM0159, ST2400MM0159, ST1200MM0089, ST1200MM0079, ST1200MM0049, ST1200MM0059, ST1200MM0029, ST1200MM0019, ST1800MM0079, ST1800MM0069, ST1800MM0059, ST1800MM0049, ST1800MM0039, ST1800MM0029, ST1800MM0019, ST1800MM0009, ST1200MM0119, ST1200MM0109, ST2400MM0059, ST2400MM0049, ST2400MM0039, ST2400MM0029, ST2400MM0009, ST2400MM0019, ST1800MM0119, ST1800MM0109, ST1800MM0099, ST1800MM0089, ST900MM0089, ST900MM0079, ST900MM0069, ST900MM0059, ST900MM0049, ST900MM0039, ST900MM0029, ST900MM0019, ST900MM0009, ST600MM0089, ST600MM0079, ST600MM0059, ST600MM0049, ST600MM0029, ST600MM0019, ST2400MM0119, ST2400MM0109, ST2400MM0099, ST2400MM0089, ST2400MM0079, ST2400MM0069, ST900MM0099, ST900MM0109, ST1200MM0149, ST900MM0119

符合之檢驗標準及版次：CNS 13438/ Complete 2006 Class B/ Section 5 "Marking of presence" of CNS 15663 (2013.7)

Standard(s) and version

試驗報告編號：SEAG0141.2 (EMC)/ 17C0815 and 17C0816 (RoHS)

Test Report Number

試驗室名稱及代號：Element Materials Technology(EMC), Environmental Monitoring Technologies, Inc(RoHS)

Testing laboratory name and designation number

SL2-IN-E-1152R

符合性聲明檢驗標識及識別號碼：

The form of the DoC marking appears like this



D33027

RoHS

或  
or



D33027

RoHS

茲聲明上述商品符合商品檢驗法符合性聲明之規定，若因違反本聲明書所聲明之內容，願意擔負相關法律責任。

I hereby declare that the listed commodity conforms to Declaration of Conformity requirements stipulated in the Commodity Inspection Act. I agree to take any legal obligations should violations against the Declaration of Conformity occur.

報驗義務人：台灣希捷科技股份有限公司/Géraldine Hottier-Fayon (簽章)

Obligatory Applicant The Board Chairman of Seagate Technology Taiwan (Signature)

中華民國 107 年 08 月 22 日  
DATE (year) (month) (day)



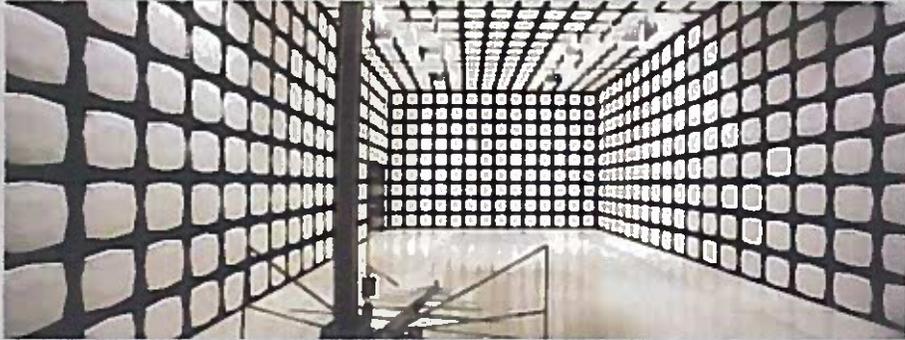
# element<sup>®</sup>

## Seagate Technology LLC

STT003

ST2400MM0019, ST1800MM0019, ST1200MM0019, ST600MM0019, ST2400MM0129, ST2400MM0009, ST2400MM0029, ST1800MM0129, ST1800MM0009, ST1800MM0029, ST1200MM0129, ST1200MM0009, ST1200MM0029, ST900MM0099, ST900MM0009, ST900MM0019, ST900MM0029, ST600MM0099, ST600MM0009, ST600MM0029, ST2400MM0039, ST2400MM0049, ST2400MM0059, ST2400MM0139, ST1800MM0039, ST1800MM0049, ST1800MM0059, ST1800MM0139, ST1200MM0039, ST1200MM0049, ST1200MM0059, ST1200MM0139, ST900MM0039, ST900MM0049, ST900MM0059, ST900MM0109, ST600MM0039, ST600MM0049, ST600MM0059, ST600MM0109, ST2400MM0069, ST2400MM0079, ST2400MM0089, ST2400MM0149, ST1800MM0069, ST1800MM0079, ST1800MM0089, ST1800MM0149, ST1200MM0069, ST1200MM0079, ST1200MM0089, ST1200MM0149, , ST2400MM0099, ST2400MM0109, ST2400MM0119, ST2400MM0159, ST1800MM0099, ST1800MM0109, ST1800MM0119, ST1800MM0159, ST1200MM0099, ST1200MM0109, ST1200MM0119, ST1200MM0159, ST900MM0069, ST900MM0079, ST900MM0089, ST900MM0119, ST600MM0069, ST600MM0079, ST600MM0089, ST600MM0119, ST600MM0239

Report # SEAG0141.2 Rev. 2



NVLAP Lab Code: 200881-0

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# CERTIFICATE OF TEST



Last Date of Test: March 15, 2017  
Seagate Technology LLC  
Model: STT003

## Emissions

### Standards

Specification	Method
CNS 13438:2006 (Complete) Class B	CNS 13438:2006 (Complete)

### Results

Test Description	Applied	Results	Comments
Radiated Emissions	Yes	Pass	
Radiated Emissions High Frequency	Yes	Pass	
Conducted Emissions	Yes	Pass	
Telecom Conducted Emissions	Yes	Pass	

### Deviations from Test Standards

None

### Approved By:

Matt Nuernberg, Operations Manager

*Product compliance is the responsibility of the client; therefore, the tests and equipment modes of operation represented in this report were agreed upon by the client, prior to testing. The results of this test pertain only to the sample(s) tested. The specific description is noted in each of the individual sections of the test report supporting this certificate of test. This report reflects only those tests from the referenced standards shown in the certificate of test. It does not include inspection or verification of labels, identification, marking or user information.*