Regulatory and certification documents package

Regulatory Model Number: STT005

Series Name(s): Nytro 3131, 3331, 3531, 3731

Internal Name: Lange (Dual Board)

Date	Comments:
November 21, 2018	Package generated.
January 10, 2019	ISE models added (Updated CE DoC, KCC Cert, and BSMI DoC and CoT)
May 13, 2019	Updated current measurements on Safety documents (UL and TUV)

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 CoT (Certificate of Test)
- 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 it's 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):

Solid State Data Storage Device

Model: STT005

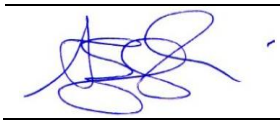
to which this declaration relates is in conformity with the following standard(s):

Title	Test Regulation
Australian/New Zealand Standard	**AS/NZS CISPR 32: 2015**

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

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

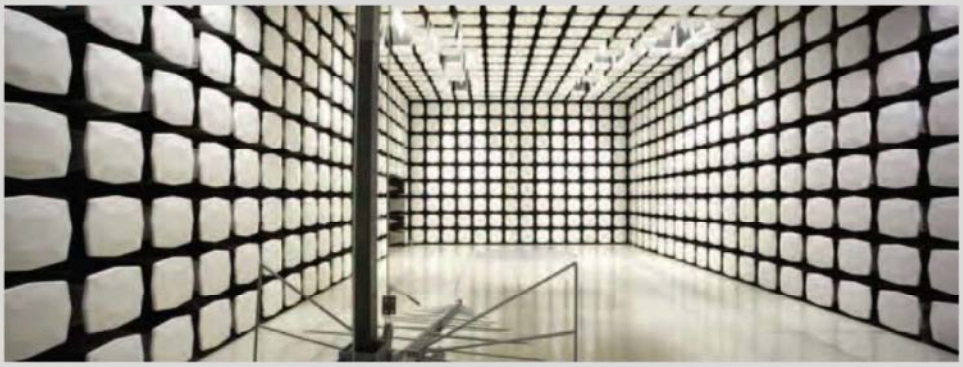
(Date of Issue) **1st November 2018**

(Signature) 

Seagate Technology LLC

STT005

Report # SEAG0204



NVLAP LAB CODE: 200881-0

CERTIFICATE OF TEST

Last Date of Test: November 7, 2018
Seagate Technology LLC
Model: STT005

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 15.107:2018 Class B FCC 15.109:2018 Class B FCC 15.109(g):2018 Class B ICES-003:2016 updated April 2017 Class B	ANSI C63.4:2014
VCCI 32-1 Class B	CISPR 32:2015

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	No	N/A	Not requested.
Voltage Fluctuations and Flicker	No	N/A	Not requested.

Deviations From Test Standards

None

Approved By:

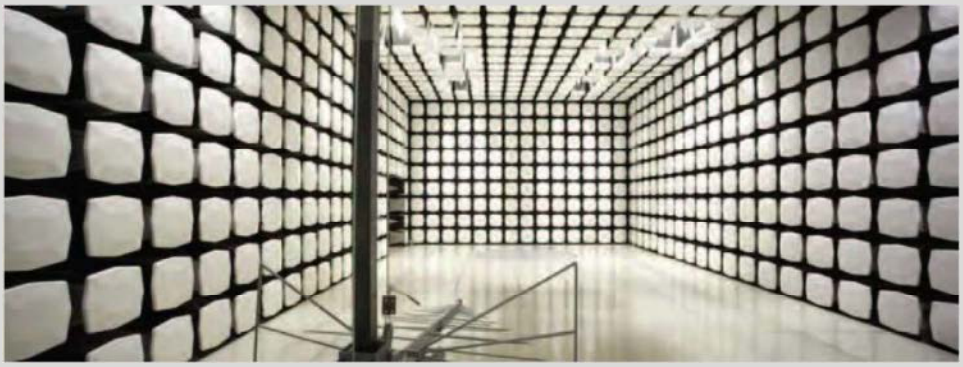
Matt Nuernberg, Operations Manager

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. As indicated in the Statement of Work sent with the quotation, Element's standard process is to always use the latest published version of the test methods even when earlier versions are cited in the test specification. Issuance of a purchase order was de facto acceptance of this approach. Otherwise, the client would have advised Element in writing of the specific version of the test methods they wanted applied to the subject testing.

Seagate Technology LLC

STT005

Report # SEAG0204



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Approved By:

Matt Nuernberg, Operations Manager

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IEC IECEE CB SCHEME

Ref. Certif. No.

DE 3 - 503283

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

CB TEST CERTIFICATE

Product	Disk drives Solid State Drive
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	BENCHMARK ELECTRONICS (THAILAND) PCL 94 MOO 1, HI-TECH INDUSTRIAL ESTATE, BANLANE, BANG PA-IN, AYUDHAYA 13160, THAILAND Kaifa Technology Malayasia Sdn Bhd No 4 & 6, Jalan Istimewa 2, Taman Perindustrian Cemerlang, 81800 Ulu Tiram, MALAYSIA
Ratings and principal characteristics	Rated Input Voltage: +5V / +12V Rated Frequency: dc Rated Input Current: STT004: 0.90A / 0.30A STT005: 1.00A / 0.35A 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.	**Regulatory Model STT004,** **Regulatory Model STT005** **Model Differences:** Model: STT005 (2.5" x 15mm), Dual Board -- Represents drives of capacity greater than 2000GB for Nytro 3531, 3331 and 3131 and greater than 1000GB for Nytro 3731 models. Model: STT004 (2.5" x 15mm), Single Board -- Represents all other capacities.

This CB Test Certificate is issued by the National Certification Body

CB 041780 0686 Rev. 00
Date, 2019-05-09

(Adrian Rabago Valenzuela)

TÜV SÜD Product Service

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

Additional information (if necessary)	Certificate DE 3 -503147 issued on 2018-11-21 is replaced by this version due to technical changes.
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	092-72142716-100

Conditions of Acceptability:

1. Solid state drives are to be supplied by a reliably SELV power supply.
2. Suitable enclosure (fire/mechanical) to be provided/evaluated when drive is installed in the end use product.
3. Proper air flow should be considered in the end use product to limit maximum case temperature to 60°C. Testing was conducted with a 40 CFM fan.

CB 041780 0686 Rev. 00
Date, 2019-05-09

(Adrian Rabago Valenzuela)

Product Service

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

Ref. Certif. No.

DE 3 - ITAV149

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

CB TEST CERTIFICATE

Product	Disk drives Solid State Drive
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	BENCHMARK ELECTRONICS (THAILAND) PCL 94 MOO 1, HI-TECH INDUSTRIAL ESTATE, BANLANE, BANG PA-IN, AYUDHAYA 13160, THAILAND Kaifa Technology Malayasia Sdn Bhd No 4 & 6, Jalan Istimewa 2, Taman Perindustrian Cemerlang, 81800 Ulu Tiram, MALAYSIA
Ratings and principal characteristics	Rated Input Voltage: +5V / +12V Rated Frequency: dc Rated Input Current: STT004: 0.90A / 0.30A STT005: 1.00A / 0.35A Protection Class: III Degree of Protection: IPX0
Trade mark (if any)	Seagate
Customer's Testing Facility (CTF) Stage used	CTF STAGE 2

This CB Test Certificate is issued by the National Certification Body

CB 041780 0688 Rev. 00
Date, 2019-05-09

(Adrian Rabago Valenzuela)

Product Service

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

Model/type Ref.	**Regulatory Model STT004,** **Regulatory Model STT005** **Model Differences:** Model: STT005 (2.5" x 15mm), Dual Board -- Represents drives of capacity greater than 2000GB for Nytro 3531, 3331 and 3131 and greater than 1000GB for Nytro 3731 models. Model: STT004 (2.5" x 15mm), Single Board -- Represents all other capacities.
Additional information (if necessary)	Certificate DE 3 - ITAV048 issued on 2018-11-21 is replaced by this version due to technical changes.
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	092-72143127-100

Conditions of Acceptability:

1. Solid state drives are to be supplied by a reliably SELV power supply.
2. Suitable enclosure (fire/mechanical) to be provided/evaluated when drive is installed in the end use product.
3. Proper air flow should be considered in the end use product to limit maximum case temperature to 60°C. Testing was conducted with a 40 CFM fan.

CB 041780 0688 Rev. 00
Date, 2019-05-09

(Adrian Rabago Valenzuela)

TÜV SÜD Product Service

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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:

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

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

EN 62368-1:2014	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: 2018

Manufacturer's Name:	Seagate Technology, LLC
Manufacturer's Address:	47488 Kato Road Fremont, California 94538 U.S.A.
European Contact:	Director of Operations Seagate Technology (Netherlands) B.V. Tupolevlaan 105 1119 NB Schiphol – Rijk The Netherlands
Type of Equipment:	Solid State Drive
Product Name: (Internal):	**Nytro 3131, 3331, 3531 and 3731 SSD (Lange-dual board)**
Regulatory Model Number(s):	**STT005**

Seagate Models:

Nytro 3131
XS15360TE70004, XS7680TE70004, XS3840TE70004, XS15360TE70014, XS7680TE70014, XS3840TE70014, XS15360TE70024, XS7680TE70024, XS3840TE70024, XS15360TE70034, XS7680TE70034, XS3840TE70034

Nytro 3331
XS7680SE70004, XS3840SE70004, XS7680SE70014, XS3840SE70014, XS7680SE70024, XS3840SE70024, XS7680SE70034, XS3840SE70034

Nytro 3531
XS6400LE70004, XS3200LE70004, XS6400LE70014, XS3200LE70014, XS6400LE70024, XS3200LE70024, XS6400LE70034, XS3200LE70034

Nytro 3731
XS3200ME70004, XS1600ME70004, XS3200ME70014, XS1600ME70014, XS3200ME70024, XS1600ME70024, XS3200ME70034, XS1600ME70034

Value SAS
XS3840SE70064, XS7680SE70064, XS3840SE70074, XS7680SE70074

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 26, 2020 | 14:05:22 PDT

DocuSigned by:
Matt Brown
Signature: EB4C5...

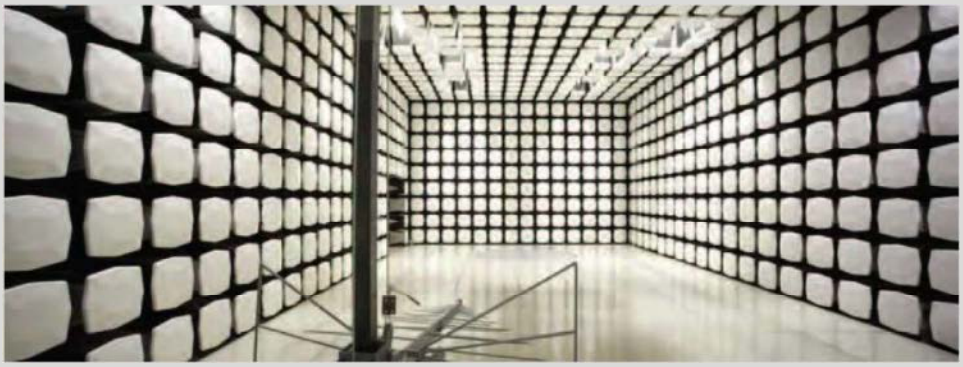
(Signature)

Matthew C. Brown
Vice President
Operations and Technology

Seagate Technology LLC

STT005

Report # SEAG0204



NVLAP LAB CODE: 200881-0

CERTIFICATE OF TEST

Last Date of Test: November 7, 2018
Seagate Technology LLC
Model: STT005

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 15.107:2018 Class B FCC 15.109:2018 Class B FCC 15.109(g):2018 Class B ICES-003:2016 updated April 2017 Class B	ANSI C63.4:2014
VCCI 32-1 Class B	CISPR 32:2015

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	No	N/A	Not requested.
Voltage Fluctuations and Flicker	No	N/A	Not requested.

Deviations From Test Standards

None

Approved By:

Matt Nuernberg, Operations Manager

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CERTIFICATE OF TEST

Last Date of Test: November 7, 2018
Seagate Technology LLC
Model: STT005

Immunity

Standards

Specification	Method
EN 55024:2010	IEC 61000-4-2:2008
	IEC 61000-4-3:2010
	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:

Matt Nuernberg, Operations Manager

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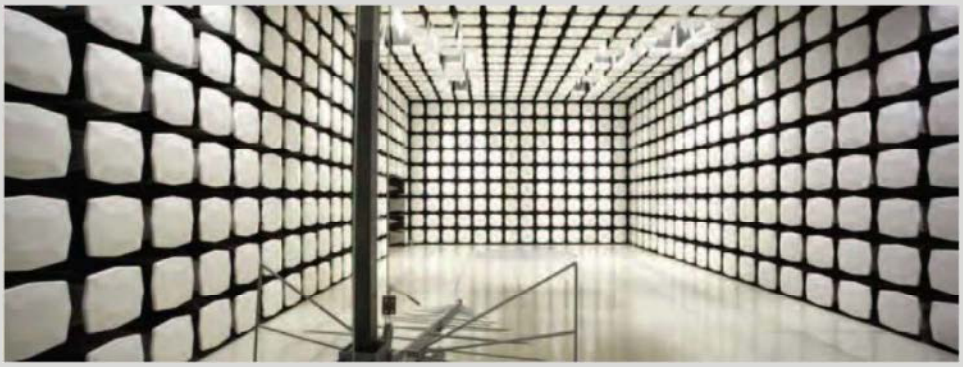
Seagate Technology LLC

STT005

Report # SEAG0193



NVLAP LAB CODE: 200881-0

CERTIFICATE OF TEST

Last Date of Test: October 19, 2018
Seagate Technology LLC
Model: STT005

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
EN 61000-3-2:2014	IEC 61000-3-2:2014
EN 61000-3-3:2013	IEC 61000-3-3:2013
FCC 15.107:2018 Class B FCC 15.109:2018 Class B FCC 15.109(g):2018 Class B ICES-003:2016 updated April 2017 Class B	ANSI C63.4:2014
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Telecom Conducted Emissions	Yes	Pass	
Harmonic Current Emissions	Yes	Pass	
Voltage Fluctuations and Flicker	Yes	Pass	

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Approved By:

Matt Nuernberg, Operations Manager

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Last Date of Test: October 19, 2018
Seagate Technology LLC
Model: STT005

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Standards

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	IEC 61000-4-3:2010
	IEC 61000-4-5:2014
	IEC 61000-4-6:2013
	IEC 61000-4-8:2009
	IEC 61000-4-11:2004

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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	

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Deviations From Test Standards

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Approved By:

Matt Nuernberg, Operations Manager

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BE85-833A-35C2-35FE

방송통신기자재등의 적합등록 필증

Registration of Broadcasting and Communication Equipments

상호 또는 성명 *Trade Name or Registrant*	SEAGATE TECHNOLOGY LLC
기자재명칭(제품명칭) *Equipment Name*	Solid State Drive
기본모델명 *Basic Model Number*	STT005
파생모델명 *Series Model Number*	XS7680TE70004, XS1600ME70024, XS1600ME70004, XS1600ME70034, XS3840SE70034, XS3200LE70034, XS3840TE70034, XS1600ME70014, XS15360TE70034, XS3200ME70034, XS7680SE70034, XS6400LE70034, XS7680TE70034, XS15360TE70014, XS15360TE70024, XS15360TE70004, XS3200ME70004, XS3200ME70014, XS3200ME70024, XS7680SE70024, XS3200LE70024, XS6400LE70004, XS6400LE70024, XS3840SE70024, XS7680SE70004, XS3840TE70024, XS3840TE70014, XS3840TE70004, XS3200LE70004, XS3200LE70014 , XS6400LE70014, XS7680SE70014, XS3840SE70014, XS3840SE70004, XS7680TE70014, XS7680TE70024
등록번호 *Registration No.*	R-R-STX-STT005
제조자/제조(조립)국가 *Manufacturer/Country of Origin*	SEAGATE TECHNOLOGY LLC / 태국, 말레이시아
등록연월일 *Date of Registration*	2018-10-31
기타 *Others*	

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.

2019년(Year) 01월(Month) 09일(Day)

국립전파연구원장 국립전파연구원장인

Director General of National Radio Research Agency

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

WTD.2016.12.19

Report No. SEAG0204.1

NRRA Notice 2017-71 (2017.12.28) 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:	Solid State Device	
	Model Name:	STT005	
	KCC ID Number	R-R-STX-STT005	
	Manufacturer:	Seagate Technology LLC	
	Manufacturer Address:	1280 Disc Drive Shakopee, MN 55379	
	Origin Country:	Malaysia, Thailand	
Date(s) of testing		2018-11-05, 2018-11-06, 2018-11-07	
Equipment Class		☐ Class A	☒ Class B
Test Results		☒ PASS	☐ FAIL
Lab Performing the Tests	Element Materials Technology Brooklyn Park Lab 9349 W Broadway Ave. Brooklyn Park, MN 55445 612-638-5136 888-364-2378		

Test Technicians: Jeff Alcoke, Andrew Rogstad	Operations Manager: Matt Nuernberg

CERTIFICATE OF TEST

Last Date of Test: November 7, 2018
Seagate Technology LLC
Model: STT005

Emissions

Standards

Specification	Method
KN 32 Class B	KN 32

Technical Requirements for Electromagnetic Compatibility: NRRA Notice 2017-19 (2017.12.28)
Test Methods for Electromagnetic Compatibility: NRRA Notice 2017-71 (2017.12.28)
Notice regarding Conformity Evaluation of Broadcasting and Communication Equipment: NRRA Notice 2017-14 (2017.12.05)

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.

CERTIFICATE OF TEST

Last Date of Test: November 7, 2018
Seagate Technology LLC
Model: STT005

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: NRRA Notice 2017-19 (2017.12.28)
Test Methods for Electromagnetic Compatibility: NRRA Notice 2017-71 (2017.12.28)
Notice regarding Conformity Evaluation of Broadcasting and Communication Equipment: NRRA Notice 2017-14 (2017.12.05)

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:

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.

CERTIFICATE OF COMPLIANCE

Certificate Number	20181024-E145123
Report Reference	E145123-A54-UL
Issue Date	2018-OCTOBER-24
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 "See Addendum Page"
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 60950-1 & CAN/CSA C22.2 No. 60950-1-07 - Information Technology Equipment - Safety - Part 1: General Requirements
Additional Information:	See the UL Online Certifications Directory at 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

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number	20181024-E145123
Report Reference	E145123-A54-UL
Issue Date	2018-OCTOBER-24

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

Product: Solid State Drive
Model: STT004 and STT005

Bruce Mahrenholz, Director North American Certification Program

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number	20181024-E145123
Report Reference	E145123-A6002-UL
Issue Date	2018-OCTOBER-24
Issued to:	SEAGATE TECHNOLOGY L L C 1280 DISC DR SHAKOPEE MN 55379-1863
This is to certify that representative samples of	COMPONENT - AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT "See Addendum Page"
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 62368-1 & CAN/CSA C22.2 No. 62368-1-14 - Audio/video, information and communication technology equipment Part 1: Safety requirements
Additional Information:	See the UL Online Certifications Directory at 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

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number	20181024-E145123
Report Reference	E145123-A6002-UL
Issue Date	2018-OCTOBER-24

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

Product:Solid State Drive
Model: STT004 and STT005

Bruce Mahrenholz, Director North American Certification Program

UL LLC

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. B 041780 0685 Rev. 00

Holder of Certificate: **Seagate Technology LLC**
1280 Disc Drive
Shakopee, MN 55379-1863
USA

Certification Mark:

Product: **Disk drives**
Solid State Drive

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 092-72142716-100

Valid until: 2020-12-20

Date, 2019-05-09 (Adrian Rabago Valenzuela)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

Product Service

CERTIFICATE

No. B 041780 0685 Rev. 00

Model(s): **Regulatory Model STT004,**
Regulatory Model STT005

Model Differences:

Model: STT005 (2.5" x 15mm), Dual Board -- Represents drives of capacity greater than 2000GB for Nytro 3531, 3331 and 3131 and greater than 1000GB for Nytro 3731 models.
Model: STT004 (2.5" x 15mm), Single Board -- Represents all other capacities.

Parameters:

Rated Input Voltage:	+5V / +12V
Rated Frequency:	dc
Rated Input Current:	STT004: 0.90A / 0.30A STT005: 1.00A / 0.35A
Protection Class:	III
Degree of Protection:	IPX0

Conditions of Acceptability:

1. Solid state drives are to be supplied by a reliably SELV power supply.
2. Suitable enclosure (fire/mechanical) to be provided/evaluated when drive is installed in the end use product.
3. Proper air flow should be considered in the end use product to limit maximum case temperature to 60°C. Testing was conducted with a 40 CFM fan.

Tested according to: EN 60950-1:2006/A2:2013

Production Facility(ies): 071141, 096907

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ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. B 041780 0687 Rev. 00

Holder of Certificate: **Seagate Technology LLC**
1280 Disc Drive
Shakopee, MN 55379-1863
USA

Certification Mark:

Product: **Disk drives**
Solid State Drive

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 092-72143127-100

Valid until: 2024-05-01

Date, 2019-05-09 (Adrian Rabago Valenzuela)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

Product Service

CERTIFICATE

No. B 041780 0687 Rev. 00

Model(s): **Regulatory Model STT004,**
Regulatory Model STT005

Model Differences:

Model: STT005 (2.5" x 15mm), Dual Board -- Represents drives of capacity greater than 2000GB for Nytro 3531, 3331 and 3131 and greater than 1000GB for Nytro 3731 models.
Model: STT004 (2.5" x 15mm), Single Board -- Represents all other capacities.

Parameters:

Rated Input Voltage:	+5V / +12V
Rated Frequency:	dc
Rated Input Current:	STT004: 0.90A / 0.30A STT005: 1.00A / 0.35A
Protection Class:	III
Degree of Protection:	IPX0

Conditions of Acceptability:

1. Solid state drives are to be supplied by a reliably SELV power supply.
2. Suitable enclosure (fire/mechanical) to be provided/evaluated when drive is installed in the end use product.
3. Proper air flow should be considered in the end use product to limit maximum case temperature to 60°C. Testing was conducted with a 40 CFM fan.

Tested according to: EN 62368-1:2014/A11:2017

Production Facility(ies): 071141, 096907

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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	010720191106

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：固態磁碟機 SSD
Commodity Name

商品型式（或型號）：
Commodity Type （Model）

STT005: XS15360TE70004, XS7680TE70004, XS3840TE70004, XS15360TE70014, XS7680TE70014, XS3840TE70014, XS15360TE70024, XS7680TE70024, XS3840TE70024, XS15360TE70034, XS7680TE70034, XS3840TE70034, XS7680SE70004, XS3840SE70004, XS7680SE70014, XS3840SE70014, XS7680SE70024, XS3840SE70024, XS7680SE70034, XS3840SE70034, XS6400LE70004, XS3200LE70004, XS6400LE70014, XS3200LE70014, XS6400LE70024, XS3200LE70024, XS6400LE70034, XS3200LE70034, XS3200ME70004, XS1600ME70004, XS3200ME70014, XS1600ME70014, XS3200ME70024, XS1600ME70024, XS3200ME70034, XS1600ME70034

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：SEAG0193.2(EMC)/ 18I0903(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）

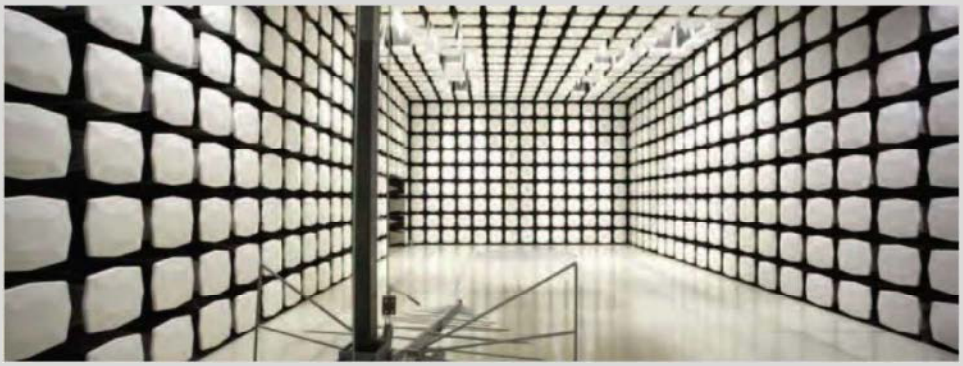
中 華 民 國 108 年 01 月 07 日
DATE (year) (month) (day)

Seagate Technology LLC

STT005

XS7680TE70004, XS3840TE70004, XS7680TE70024, XS3840TE70014, XS7680TE70014, XS3840TE70024, XS3840SE70004, XS7680SE70004, XS3840SE70014, XS3840SE70024, XS7680SE70014, XS7680SE70024, XS6400LE70014, XS6400LE70004, XS3200LE70014, XS3200LE70024, XS3200LE70004, XS6400LE70024, XS3200ME70014, XS3200ME70024, XS3200ME70004, XS7680TE70034, XS3840TE70034, XS6400LE70034, XS3200LE70034, XS7680SE70034, XS3840SE70034, XS3200ME70034, XS1600ME70034, XS1600ME70004, XS1600ME70014, XS1600ME70024, XS15360TE70004, XS15360TE70014, XS15360TE70024, XS15360TE70034

Report # SEAG0193.2 Rev. 1



NVLAP LAB CODE: 200881-0

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CERTIFICATE OF TEST

Last Date of Test: October 18, 2018
Seagate Technology LLC
Model: STT005

Emissions

Standards

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

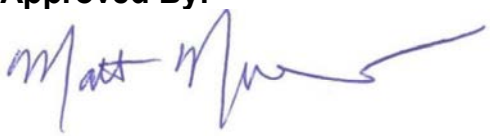
Results

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. As indicated in the Statement of Work sent with the quotation, Element's standard process is to always use the latest published version of the test methods even when earlier versions are cited in the test specification. Issuance of a purchase order was de facto acceptance of this approach. Otherwise, the client would have advised Element in writing of the specific version of the test methods they wanted applied to the subject testing.