



## **Regulatory and certification documents package**

Regulatory Model Number: [STA021](#)

Series Name(s): [BarraCuda 120 SSD](#)

Internal Name: [S12 SATA](#)

<u>Date</u>	<u>Comments:</u>
<a href="#">Oct 21, 2019</a>	<a href="#">Package generated.</a>
<a href="#">Oct 24, 2019</a>	<a href="#">Added VCCI Cert of Acceptance.</a>
<a href="#">Oct 30, 2020</a>	<a href="#">Added Letter of Similarity, Morocco DoC and updated CE Doc, FCC SDoC</a>

### Contents:

- Letter of Similarity
- 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(s)
- CE DoC (Declaration of Conformity)
- CE CoT (Certificate of Test)
- FCC SDoC
- FCC CoT (Certificate of Test)
- Korea RRL – Certificate
- Korea - CoT (Certificate of Test)
- Morocco DoC
- UL/cUL safety
- TUV safety
- Taiwan BSMI certificate
- Taiwan CoT (Certificate of Test)
- VCCI CoT (Certificate of Test)
- VCCI Certificate(Certificate of Acceptance)



## Regulatory Model Number STA021

### Statement of Similarity

#### Tested model

ZA2000CM10003

#### Models added by Similarity

ZA250CM10003  
ZA2000CM10003  
ZA500CM10003  
ZA1000CM10003  
ZA1000GM10011  
ZA2000GM10011

#### Other Configurations

ZA1000CM1A003  
ZA2000CM1A003  
ZA250CM1A003  
ZA500CM1A003

The regulatory model number, STA021 SATA SSD is available in 1.5-inch version only. It uses the 6 Gbps Serial -ATA (SATA) interface. It is available in 2000, 1000, 500, and 250 GB capacities using the newest technology in solid state memory, the Bics4 and B16/B17 NAND. The 2.5" versions have a 5-volt input only. All models, regardless of capacity, endurance and features, are physically and electrically identical. Other configurations may also include packaging and accessory contents.

DocuSigned by:

A blue ink handwritten signature that reads 'Ken Allen'.

Ken Allen

Vice President,  
Operations Products and Technology



## 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):

**Seagate 2.5" SATA Solid State Drive**

---

**Model: STA021**

---

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 Class B**

(Name of the Authorized Person)

**Sam Zavaglia**

(Title of the Authorized Person)

**Senior Field Applications Engineer**

(Date of Issue)

**13<sup>th</sup> September 2019**

(Signature)

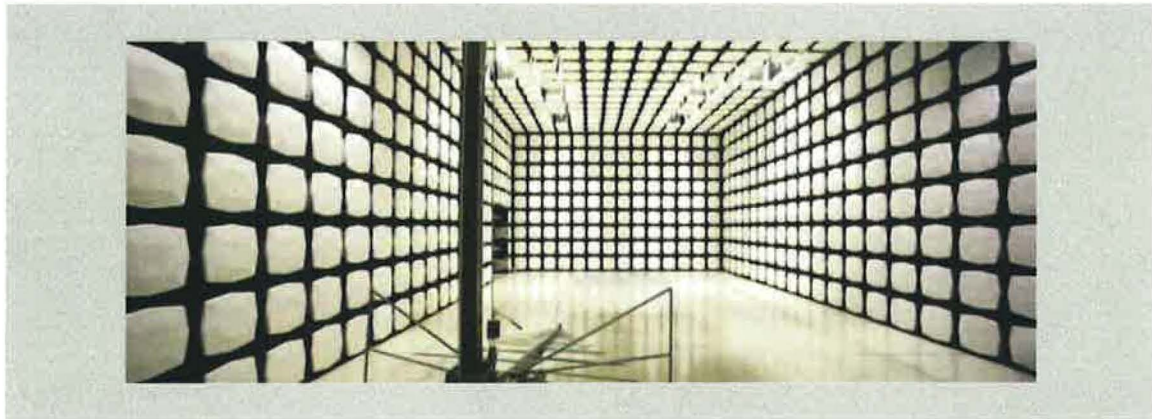


# element

**Seagate Technology LLC**

**STA021**

**Report # SEAG0234**



NVLAP LAB CODE: 200881-0



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# CERTIFICATE OF TEST



Last Date of Test: August 30, 2019  
Seagate Technology LLC  
Model: STA021

## 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 61000-3-2:2018
EN 61000-3-3:2013	IEC 61000-3-3:2013 +A1:2017
FCC 15.107:2019 Class B FCC 15.109:2019 Class B FCC 15.109(g):2019 Class B ICES-003:2016 updated April 2017 Class B	ANSI C63.4:2014
VCCI-CISPR 32:2016 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	Yes	Pass	
Voltage Fluctuations and Flicker	Yes	Pass	

### Deviations From Test Standards

None

Approved By:

Matt Nuernberg, Operations Manager

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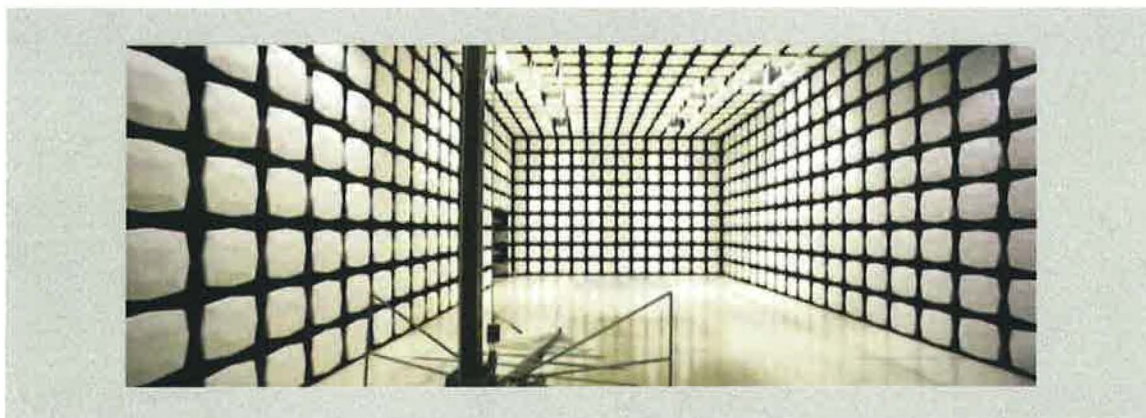


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**Seagate Technology LLC**

**STA021**

**Report # SEAG0234**



NVLAP LAB CODE: 200881-0



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Last Date of Test: August 30, 2019  
Seagate Technology LLC  
Model: STA021

## Emissions

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EN 55032:2012/AC:2013 Class B	CISPR 32:2015
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EN 61000-3-3:2013	IEC 61000-3-3:2013 +A1:2017
FCC 15.107:2019 Class B FCC 15.109:2019 Class B FCC 15.109(g):2019 Class B ICES-003:2016 updated April 2017 Class B	ANSI C63.4:2014
VCCI-CISPR 32:2016 Class B	CISPR 32:2015

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Matt Nuernberg, Operations Manager

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Ref. Certif. No.

DE 3 - ITAV223

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

### CB TEST CERTIFICATE

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

CAL-COMP Electronics (Thailand) Co. Ltd.  
60 Moo, 8 Sethakij Road, Klong Maduea, Kratoom Bean,  
Samuthsakorn 74110, THAILAND

Netronix, Inc.  
No. 945, Boai Street, 30265 Jubei City, Hsinchu, TAIWAN

Ratings and principal characteristics

Rated Input Voltage: +5VDC  
Rated Frequency: dc  
Rated Input Current: 0.30 A  
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.

STA021

A sample of the product was tested and found to be in conformity with as shown in the Test Report Ref. No. which forms part of this certificate

IEC 62368-1:2014  
092-72152637B-000

This CB Test Certificate is issued by the National Certification Body

CB 041780 0694 Rev. 00

Date, 2019-09-12

( Adrian Rabago Valenzuela )



Product Service

Page 1 of 1

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





Ref. Certif. No.

DE 3 - 503381

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

### CB TEST CERTIFICATE

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

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Rated Input Current: 0.30 A  
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.

STA021

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

092-72152637A-000

This CB Test Certificate is issued by the National Certification Body

CB 041780 0693 Rev. 00

Date, 2019-09-12

( Adrian Rabago Valenzuela )



Product Service

Page 1 of 1

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## 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:

<b><u>EN 55032:2012</u></b>	Electromagnetic compatibility of multimedia equipment — Emission requirements – class B.
<b><u>EN55024:2010</u></b>	Information Technology Equipment – Immunity Characteristics – Limits and Methods of Measurement
<b><u>EN61000-3-2:2014</u></b>	Limits for Harmonic Current Emissions (Equipment Input Current ≤16 Amps Per Phase)
<b><u>EN61000-3-3:2013</u></b>	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:

<b><u>EN 62368-1:2014</u></b>	Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, Modified)
<b><u>EN 60950-1:2006 /A11:2009 /A1:2010 /A12:2011/A2:2013</u></b>	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:

- 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
- Management Methods for Controlling Pollution by Electronic Information Products, Ministry of Information Industry Order No. 39 (China RoHS)
- 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)
- 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:** 2019

**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 PA Schiphol – Rijk,  
The Netherlands

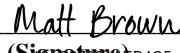
**Type of Equipment:** Solid State Drive  
**Product Name:** BarraCuda 120 SSD

**Regulatory Model Number(s):** **STA021**

**Seagate Models:** **BarraCuda 120 SSD**  
  
ZA250CM10003  
ZA500CM10003  
ZA1000CM10003  
ZA2000CM10003

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 | 14:06:14 PDT

DocuSigned by:  
  
(Signature) FEB4C5...

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

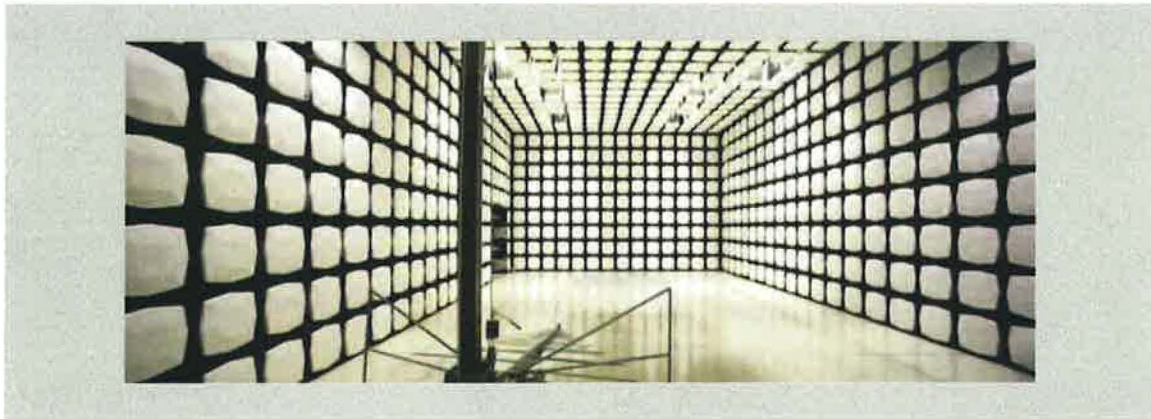


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**Seagate Technology LLC**

**STA021**

**Report # SEAG0234**



NVLAP LAB CODE: 200881-0



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# CERTIFICATE OF TEST



Last Date of Test: August 30, 2019  
Seagate Technology LLC  
Model: STA021

## 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 61000-3-2:2018
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VCCI-CISPR 32:2016 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	Yes	Pass	
Voltage Fluctuations and Flicker	Yes	Pass	

### Deviations From Test Standards

None

Approved By:

Matt Nuernberg, Operations Manager

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# CERTIFICATE OF TEST



Last Date of Test: August 30, 2019  
 Seagate Technology LLC  
 Model: STA021

## 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 +A1:2017
	IEC 61000-4-6:2013
	IEC 61000-4-8:2009
	IEC 61000-4-11:2004 + A1:2017

### 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	B	
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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## Declaration of Conformity

**Standards to which conformity is declared:**

**FCC Part 15B**

47 CFR FCC Part 15B: 2019 (Class B)  
Information Technology Equipment (ITE) – Limits  
and methods of measurement

**Manufacturer Name:** Seagate Technology LLC  
**Manufacturer Address:** 47488 Kato Road  
Fremont, California 94538


**Type of Equipment :** Solid State Device

**Product Model Number :** STA021

Seagate Technology LLC hereby declares that the equipment specified above conforms with the protection requirements of the above named Directive(s) and Standards.

**Location:** Minnesota, USA

**Certificate Date:** 12 Sept, 2019

DocuSigned by: (Signature)  
  
A3DD60F156A94E4...  
Gary A. Stigsell  
(Full Printed Name)  
Sr Project/Program Manager  
(position)  
952-402-2544  
(Phone)

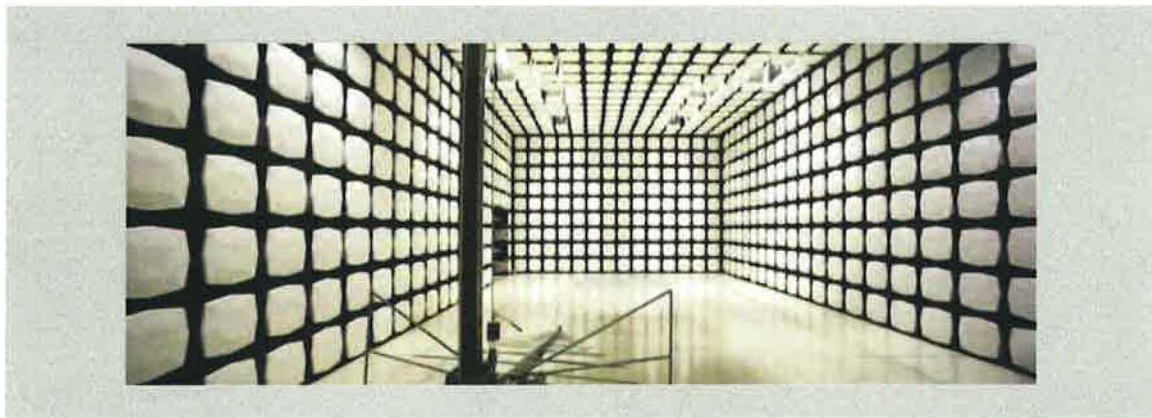


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**Seagate Technology LLC**

**STA021**

**Report # SEAG0234**



NVLAP LAB CODE: 200881-0



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Seagate Technology LLC  
Model: STA021

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Approved By:

Matt Nuernberg, Operations Manager

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# 방송통신기자재등의 적합등록 필증

## Registration of Broadcasting and Communication Equipments

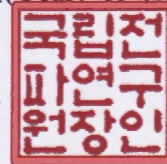
상호 또는 성명 Trade Name or Registrant	SEAGATE TECHNOLOGY LLC
기자재명칭(제품명칭) Equipment Name	Solid State Drive
기본모델명 Basic Model Number	STA021
파생모델명 Series Model Number	ZA250CM10003, ZA2000CM10003, ZA500CM10003, ZA1000CM10003
등록번호 Registration No.	R-R-STX-STA021
제조사/제조(조립)국가 Manufacturer/Country of Origin	SEAGATE TECHNOLOGY LLC / 태국, 대만
등록연월일 Date of Registration	2019-09-11
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) 09월(Month) 11일(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.

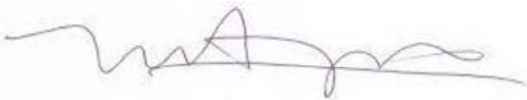





Report No. SEAG0234.1

NRRA Notice 2018-128 (2018.12.24) 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 Drive	
	Model Name:	STA021	
	KCC ID Number	R-R-STX-STA021	
	Manufacturer:	Seagate Technology LLC	
	Manufacturer Address:	1280 Disc Drive Shakopee, MN 55379	
	Origin Country:	Thailand and Taiwan	
Date(s) of testing		2019-08-27, 2019-08-28, 2019-08-29, 2019-08-30	
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 9349 W Broadway Ave. Brooklyn Park, MN 55445 612-638-5136 888-364-2378		

	
Test Technicians: Marcelo Aguayo	Operations Manager: Matt Nuernberg

# CERTIFICATE OF TEST

**Last Date of Test: August 30, 2019**  
**Seagate Technology LLC**  
**Model: STA021**

## Emissions

### Standards

Specification	Method
KN 32 Class B	KN 32

Technical Requirements for Electromagnetic Compatibility: NRRRA Notice 2018-29 (2018.12.24)  
 Test Methods for Electromagnetic Compatibility: NRRRA Notice 2018-128 (2018.12.24)  
 Notice regarding Conformity Evaluation of Broadcasting and Communication Equipment: NRRRA Notice 2018-17 (2018.8.17)

### 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

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# CERTIFICATE OF TEST

**Last Date of Test: August 30, 2019**  
**Seagate Technology LLC**  
**Model: STA021**

## 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 2018-29 (2018.12.24)  
Test Methods for Electromagnetic Compatibility: NRRA Notice 2018-128 (2018.12.24)  
Notice regarding Conformity Evaluation of Broadcasting and Communication Equipment: NRRA Notice 2018-17 (2018.8.17)

### 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	B	
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

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### Morocco Declaration of Conformity

Nom et adresse du producteur:

**Seagate Technology, LLC**  
**47488 Kato Road**  
**Fremont, CA 94538**  
**United States**

Cette déclaration de conformité est établie sous la responsabilité exclusive de Seagate Technology LLC

Product/device (product, lot, model or series)

Objet de la declaration..... **Solid State Drive**  
Modèle réglementaire..... **STA021(BarraCuda 120)**  
Type de réglementation ..... **LVD/EMC**  
EMC classe ..... **B**  
Commerce / Nom du fabricant ..... **Seagate Technology, LLC**

La présente déclaration de conformité est établie sous la seule responsabilité du producteur

L'objet de la déclaration décrit ci-dessus est conforme à (aux) l'arrêté (s).

- *Arrêté du ministre de l'industrie, du commerce, de l'investissement et de l'économie numérique n° 2574-14 du 29 ramadan 1436 (16 juillet 2015) relatif à la compatibilité électromagnétique des équipements*
- *Arrêté du ministre de l'industrie, du commerce, de l'investissement et de l'économie numérique n° 2573-14 du 29 ramadan 1436(16 juillet 2015) relatif au matériel électrique destiné à être employé dans certaines limites de tension*

Références des normes pertinentes appliquées ou des autres spécifications techniques par rapport auxquelles la conformité est déclarée:

**SAFETY:** NM EN 60950-1 2014

**EMC:** NM EN 55022 2015  
NM EN 55024 2015  
NM EN 61000-3-2 2015  
NM EN 61000-3-3 2015

Seagate Technology, LLC Fremont, CA USA  
Signé par et au nom de  
November 1, 1979  
date et lieu d'établissement

DocuSigned by:  
Matthew Brown  
Signé pour at au nom de Seagate Technology  
Matthew Brown  
Nom complet Imprimé  
Vice President/ Operations and Technology  
Position / Titre



Morocco Declaration of Conformity

Name and Address of Producer:

Seagate Technology, LLC
47488 Kato Road
Fremont, CA 94538
United States

This Declaration of Conformity is established under the exclusive responsibility of Seagate Technology LLC

Product/device (product, lot, model or series)
Subject of the declaration .....Solid State Drive
Regulatory model .....STA021 (BarraCuda 120)
Type of Regulation .....LVD/EMC
EMC class .....B
Tradename of manufacturer .....Seagate Technology, LLC

This declaration of conformity is drawn up under the sole responsibility of the producer

The object of the declaration described above is in conformity with the order (s)

- Order of the Minister of Industry, Trade, Investment and Digital Economy No. 2574-14 of 29 Ramadan 1436 (16 July 2015) on electromagnetic compatibility of equipment
Order of the Minister of Industry, Trade, Investment and Digital Economy No. 2573-14 of 29 Ramadan 1436 (16 July 2015) on electrical equipment intended for use within certain voltage limits

References of relevant standards applied or other technical specifications with respect to which conformity is declared:

SAFETY: NM EN 60950-1 2014

EMC: NM EN 55022 2015
NM EN 55024 2015
NM EN 61000-3-2 2015
NM EN 61000-3-3 2015

Seagate Technology, LLC Fremont, CA USA
Signed by and on behalf of

Signed on French version
Signed for and on behalf of Seagate Technology

November 1, 1979
Date and place of establishment

Matthew Brown
Full name printed

Vice President/ Operation and Technology
Position/Title



# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190917-E145123  
**Report Reference** E145123-A6006-UL  
**Issue Date** 2019-SEPTEMBER-17

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

**This certificate confirms that  
representative samples of**

COMPONENT - AUDIO/VIDEO, INFORMATION AND  
COMMUNICATION TECHNOLOGY EQUIPMENT  
COMPONENT - INFORMATION TECHNOLOGY  
EQUIPMENT INCLUDING ELECTRICAL BUSINESS  
EQUIPMENT

Solid State Drive  
STA021

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

**Standard(s) for Safety:** UL 62368-1 and 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 <https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190917-E145123  
**Report Reference** E145123-A58-UL  
**Issue Date** 2019-SEPTEMBER-17

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

**This certificate confirms that  
representative samples of**

COMPONENT - INFORMATION TECHNOLOGY  
EQUIPMENT INCLUDING ELECTRICAL BUSINESS  
EQUIPMENT COMPONENT - AUDIO/VIDEO,  
INFORMATION AND COMMUNICATION TECHNOLOGY  
EQUIPMENT

Solid State Drive  
STA021

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.


**Standard(s) for Safety:** UL 60950-1 and 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 <https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>











Product Service

# CERTIFICATE

No. B 041780 0691 Rev. 00

## Conditions of Acceptability:

1. Disc drives are to be supplied by a reliably SELV power supply.
2. Suitable enclosure (fire/mechanical) to be provided/evaluated when disc drive is installed in the end use product.
3. Drives were evaluated at maximum ambient (55°C) determined by Seagate specification. Seagate specification also states, a maximum allowable drive case temperature of 60°C. This specification was exceeded during testing.
4. External fan was part of test fixture to maintain recommended case temperature during testing. Additional cooling is recommended as part of end use configuration to maintain recommended operating case temperature at specific airflow.

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

**Production Facility(ies):** 096583, 028752

**Facility(ies):**

TÜV SÜD  
 ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFIKAT ◆ CERTIFICATE ◆ CERTIFICATE







# 符合性聲明書 Declaration of Conformity

報驗義務人代碼 Code of the applicant	編 號 Number
D33027	091320191512

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)：STA021: ZA250CM10003, ZA500CM10003, ZA1000CM10003, ZA2000CM10003

Commodity Type (Model)

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：SEAG0234.2 (EMC)/ ATS/GENV/502/19/yao

Test Report Number

試驗室名稱及代號：Element Materials Technology (EMC)/ ALS Laboratory Group (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/ **Lai Chun Cheong** (簽章)

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

中華民國 108 年 09 月 13 日

DATE (year) (month) (day)



# element

**Seagate Technology LLC**

**STA021**

**ZA250CM10003**

**ZA500CM10003**

**ZA1000CM10003**

**ZA2000CM10003**

**Report # SEAG0234.2**



NVLAP LAB CODE: 200881-0



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# CERTIFICATE OF TEST



Last Date of Test: August 29, 2019  
Seagate Technology LLC  
Model: STA021

## 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.*



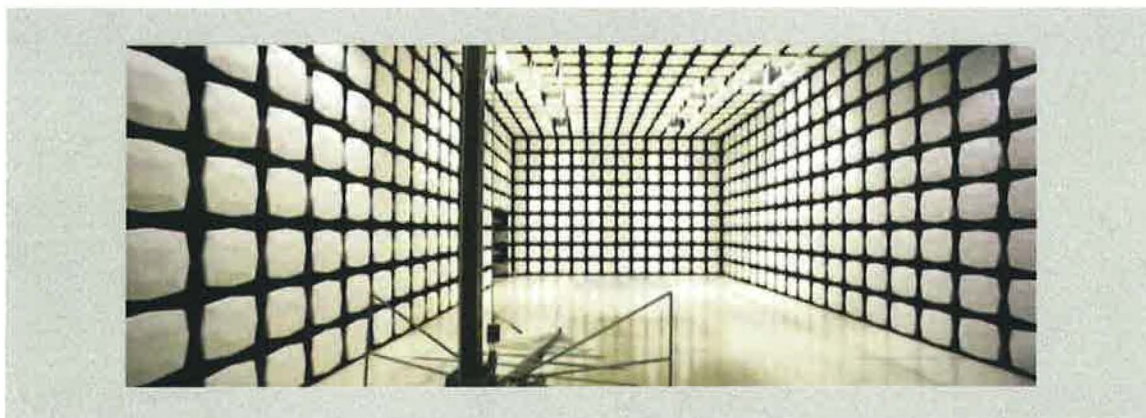


# element

**Seagate Technology LLC**

**STA021**

**Report # SEAG0234**



NVLAP LAB CODE: 200881-0



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# CERTIFICATE OF TEST



Last Date of Test: August 30, 2019  
Seagate Technology LLC  
Model: STA021

## 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 61000-3-2:2018
EN 61000-3-3:2013	IEC 61000-3-3:2013 +A1:2017
FCC 15.107:2019 Class B FCC 15.109:2019 Class B FCC 15.109(g):2019 Class B ICES-003:2016 updated April 2017 Class B	ANSI C63.4:2014
VCCI-CISPR 32:2016 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	Yes	Pass	
Voltage Fluctuations and Flicker	Yes	Pass	

### Deviations From Test Standards

None

Approved By:

Matt Nuernberg, Operations Manager

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VCCI Council

## Acceptance of Report of Compliance

**Company name:** Seagate Technology  
**Address:** 10200 Sourh De Anza Blvd. Cupertino, CA 95014 USA  
**Responsible person:** Phil Rich  
**Department:** Retail  
**E-mail:** phil.rich@seagate.com  
**Contact person:** Phil Rich  
**Address:** 10200 South De Anza Blvd. Cupertino, CA 95014 USA  
**Department:** Retail  
**Phone:** 1-408-658-1396  
**FAX:** 1-408-328-2183  
**E-mail:** phil.rich@seagate.com  
**Recipient of Acceptance Notice:**  
**Department:** Retail  
**E-mail:** eric.y.su@seagate.com

**Member number:** 3046  
**Report No.:** 2019077223  
**Reporting date:** 2019/10/23  
**Reporting media:** online  
**Status:** accepted  
**Last report No.:**  
**Acceptance No.:** 2019054102  
**Sub No.:** 1  
**Acceptance date:** 2019/10/24

Reporting type:	new		
Applied VCCI Rule:	VCCI 32-1		
Classification of Equipment and classification code:	ClassB / Classification code g2		
General Name of Equipment:	Solid State Drive		
Product type (Model No.):	STA021		
Member number of a test laboratory:	564	Element Materials Technology Portland-Evergreen Inc.	
Name of the testing laboratory:			
Measurement facility registration number:	Measurement item and Registration No. of Testing facility.		Measurement distance/Reason why not applicable
	1. Radiated EMI measurement below 1GHz facility	R-	10 m
	2. Radiated EMI measurement above 1GHz facility	G-	3 m
	3. Mains port conducted EMI measurement facility	C-	
	4. Conducted EMI measurement for Wired Network port, etc (including Tuner port, Antenna port, etc)	T-	
	5. Article 15 registered laboratory	A-0109	
	6. This compliance verification test was conducted at the installation site of users.		
Date of testing:	2019/08/27		
Serial No. of the test report:	SEAG0234		
Reason for addition/modification:			
VCCI comment:			