



## **Regulatory and certification documents package**

Regulatory Model Number: [STA018](#)

Series Name(s): [Maxtor Z1](#), [BarraCuda 125](#) and [Barracuda Q1](#)

<u>Date</u>	<u>Comments:</u>
<a href="#">April 17, 2019</a>	<a href="#">Package generated.</a>
<a href="#">January 22, 2020</a>	<a href="#">Added Q1 and BC125 models, EMC test records and cert updates.</a>
<a href="#">May 21, 2020</a>	<a href="#">Added ZA240CV10001 to KCC cert, BSMI report CE DoC. Added Statement of model similarity, Morocco DoC and EAC cert to package.</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)
- EAC Cert
- FCC SDoC
- FCC CoT (Certificate of Test)
- Korea RRL – Certificate
- Korea - CoT (Certificate of Test)
- Morocco - DoC (Declaration of Conformity)
- UL/cUL safety
- TUV safety
- Taiwan BSMI certificate
- Taiwan CoT (Certificate of Test)
- VCCI Certificate of Acceptance
- VCCI CoT (Certificate of Test)



## Regulatory Model Number STA018

Statement of Similarity

Tested model  
STA018

Models added by Similarity

YA240VC10001  
YA480VC10001  
YA960VC10001  
ZA240CV10001  
ZA480CV10001  
ZA960CV10001  
ZA500MC10001  
ZA1000MC10001

Other configurations

YA240VC1A001  
YA480VC1A001  
YA960VC1A001

The regulatory model number STA018 is a Solid State Drive (SSD). This SSD is built in a 2.5 inch x 7mm form factor. It is designed for internal integration into products with a SATA interface. The SSD is available in capacities ranging from 240 GB to 1000 GB and with a variety of endurance levels and other features that may be offered. User capacity, endurance and features are determined by the firmware. All models, regardless of capacity, endurance and features, are physically and electrically identical. Other configurations may also include packaging and accessory contents.

A handwritten signature in blue ink, appearing to read 'Gary A. Stigsell', is written over a horizontal line.

Gary A. Stigsell  
Sr. Project/Product Manager  
Product Safety/EMC Compliance



## 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):

**Solid State Drive**

---

**Model: STA018**

---

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>

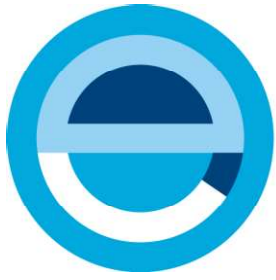
---

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

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

(Date of Issue) **18<sup>th</sup> April 2019**

(Signature)

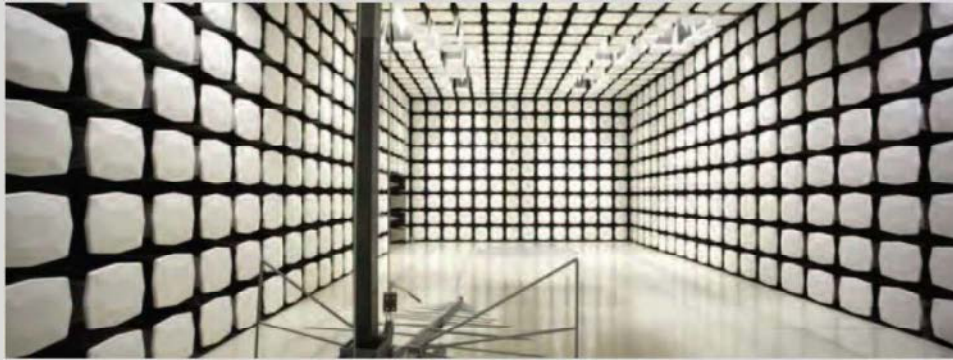


# element

**Seagate Technology LLC**

**Model STA018**

**Report # SEAG0252**



NVLAP LAB CODE: 200881-0



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# CERTIFICATE OF TEST

**Last Date of Test: January 8, 2020**  
**Seagate Technology LLC**  
**EUT: Model STA018**

## 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 15.107:2020 Class B	ANSI C63.4:2014
FCC 15.109(g):2020 Class B	
FCC 15.109:2020 Class B	
ICES-003:2016 updated April 2017 Class B	
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	

### Deviations From Test Standards

None

### Approved By:



Eric Brandon, Department Manager

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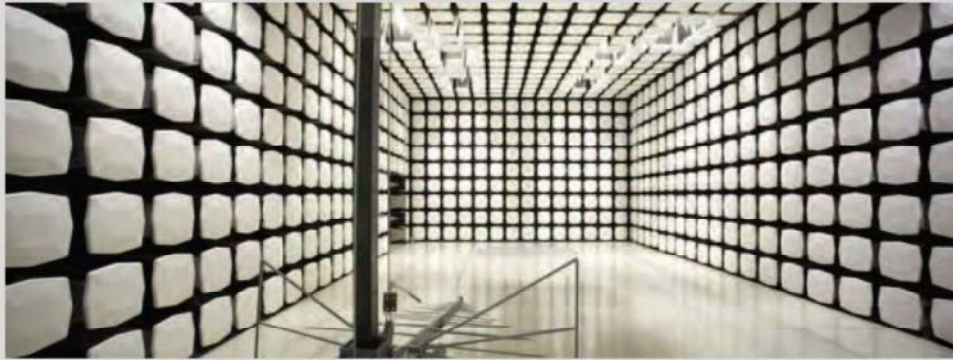


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**Seagate Technology LLC**

**Model STA018**

**Report # SEAG0252**



NVLAP LAB CODE: 200881-0



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Seagate Technology LLC  
EUT: Model STA018

## 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 15.107:2020 Class B	ANSI C63.4:2014
FCC 15.109(g):2020 Class B	
FCC 15.109:2020 Class B	
ICES-003:2016 updated April 2017 Class B	
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	

### Deviations From Test Standards

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Eric Brandon, Department Manager

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

## Product

## Name and address of the applicant

Disk drives

**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

Netronix, Inc.  
No. 945, Boai Street, 30265 Jubei City, Hsinchu, TAIWANCAL-COMP Electronics (Thailand) Co. Ltd.  
60 Moo, 8 Sethakij Road, Klong Maduea, Kratoom Bean,  
Samuthsakorn 74110, THAILAND

## Ratings and principal characteristics

Rated Input Voltage:	+5Vdc
Rated Frequency:	dc
Rated Input Current:	
STA002:	1.10A
STA018:	0.20A
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.

STA002, STA018

## Additional information (if necessary)

Certificate DE 3 - 502306 issued on 2017-03-09 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

092-72123961-100

This CB Test Certificate is issued by the National Certification Body

CB 041780 0684 Rev. 00

Date, 2019-05-09



( William P. Weller )

Page 1 of 2

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Product Service



**Model Differences:****Regulatory Model Number: STA002:**

\*1TB, SATA interface, 1024 MB cache  
512GB, SATA interface, 512 MB cache  
256GB, SATA interface, 256 MB cache  
128GB, SATA interface, 256 MB cache (possible future configuration)

**Regulatory Model Number: STA018:**

960GB, SATA interface, 2.5"

\* = Indicates configuration tested

**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.



Ref. Certif. No.

DE 3 - ITAV151

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	<b>Seagate Technology LLC</b> 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: STA002, STA012: 1.10A STA018: 0.20A 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.	<b>Regulatory Models: STA002, STA012 and STA018</b>
Additional information (if necessary)	Certificate DE 3 - ITAV075 issued on 2018-12-27 is replaced by this version due to technical changes.
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  092-72144195-100

This CB Test Certificate is issued by the National Certification Body

CB 041780 0682 Rev. 00  
Date, 2019-05-09

( Adrian Rabago Valenzuela )



Product Service

**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 0682 Rev. 00

Date, 2019-05-09



( Adrian Rabago Valenzuela )

Page 2 of 2

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Product Service



## 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**  
**EN55035:2017** Information Technology Equipment – Immunity Characteristics – Limits and Methods of Measurement

**EN61000-3-2:2014** Limits for Harmonic Current Emissions (Equipment Input Current  $\leq 16$  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  $\leq 16$  Amps Per Phase

The product(s) meets the requirements of The Low Voltage Directive (LVD) 2014/35/EU by application of the following 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:** 2019

<b>Manufacturer's Name:</b>	Seagate Technology, LLC
<b>Manufacturer's Address: (And Importer)</b>	47488 Kato Road Fremont, California 94538 U.S.A.
<b>European Contact:</b>	Director of Operations Seagate Technology (Netherlands) B.V. Tupolevlaan 105, 1119 PA Schiphol – Rijk, The Netherlands


<b>Type of Equipment:</b>	Solid State Drive
<b>Product Name:</b>	<b>MaxtorZ1</b>

**Regulatory Model Number(s):** **STA018**

<b>Seagate Models:</b>	<b>MaxtorZ1</b>	<b>BarraCuda BC125</b>	<b>BarraCuda Q1</b>
	YA240VC10001	ZA500MC10001	ZA240CV10001
	YA480VC10001	ZA1000MC10001	ZA480CV10001
	YA960VC10001		ZA960CV10001

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:** April 28, 2020 | 11:42:43 PDT

DocuSigned by:  
  
 (Signature)  
 181C27331AEB4C5...

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



# element

**Seagate Technology LLC**

**Model STA018**

**Report # SEAG0252**



NVLAP LAB CODE: 200881-0



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# CERTIFICATE OF TEST

Last Date of Test: January 8, 2020  
 Seagate Technology LLC  
 EUT: Model STA018

## 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 15.107:2020 Class B	ANSI C63.4:2014
FCC 15.109(g):2020 Class B	
FCC 15.109:2020 Class B	
ICES-003:2016 updated April 2017 Class B	
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	

### Deviations From Test Standards

None

### Approved By:



Eric Brandon, Department Manager

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# CERTIFICATE OF TEST

**Last Date of Test: January 8, 2020**  
**Seagate Technology LLC**  
**EUT: Model STA018**

## Immunity

### Standards

Specification	Method
EN 55024:2010 EN 55035:2017	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	B	
Radiated Immunity	Yes	A	A	
Electrical Fast Transients and Bursts (EFT)	Yes	B	B	
Surge	No	B	N/A	Not requested
Conducted Immunity	Yes	A	A	
Magnetic Field Immunity	No	A	N/A	Not requested
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:

Eric Brandon, Department 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

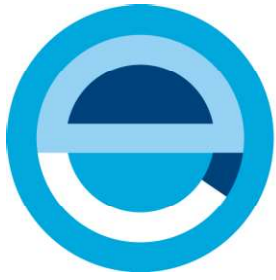
**Product Model Number :** STA018

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:** 18 April, 2019

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



# element

**Seagate Technology LLC**

**Model STA018**

**Report # SEAG0252**



NVLAP LAB CODE: 200881-0



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**EUT: Model STA018**

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Telecom Conducted Emissions	Yes	Pass	

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Eric Brandon, Department 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	STA018
파생모델명 Series Model Number	YA480VC10001, ZA240CV10001, ZA500MC10001, ZA480CV10001, ZA1000MC10001, ZA960CV10001, YA240VC10001, YA960VC10001
등록번호 Registration No.	R-R-STX-STA018
제조사/제조(조립)국가 Manufacturer/Country of Origin	SEAGATE TECHNOLOGY LLC / 태국, 대만
등록연월일 Date of Registration	2019-04-18
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.

2020년(Year) 05월(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. SEAG0252.1

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 Drive	
	Model Name:	STA018	
	KCC ID Number	R-R-STX-STA018	
	Manufacturer:	Seagate Technology LLC	
	Manufacturer Address:	1280 Disc Drive Shakopee, MN 55379	
	Origin Country:	Thailand, Taiwan	
Date(s) of testing		2020-01-06, 2020-01-07, 2020-01-08	
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		

<i>William Hoffa</i>  <i>Glen Creuziger</i>	
Test Technicians: William Hoffa, Glen Creuziger	Department Manager: Eric Brandon





# CERTIFICATE OF TEST

Last Date of Test: January 8, 2020  
Seagate Technology LLC  
Model: STA018

## Emissions

### Standards

Specification	Method
KN 32 Class B	KN 32

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

Eric Brandon, Department Manager

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# CERTIFICATE OF TEST

**Last Date of Test: January 8, 2020**  
**Seagate Technology LLC**  
**Model: STA018**

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

### Results

Test Description	Performance Criteria			Comments
	Applied	Standard Specified	Observed Criteria	
Electrostatic Discharge (ESD)	Yes	B	B	
Radiated Immunity	Yes	A	A	
Electrical Fast Transients and Bursts (EFT)	Yes	B	B	
Surge	No	B	N/A	Not requested
Conducted Immunity	Yes	A	A	
Magnetic Field Immunity	No	A	N/A	Not requested
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:

Eric Brandon, Department 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..... **STA018 (MaxtorZ1\_BarraCuda125\_BarraCudaQ1)**  
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 .....STA018 (MaxtorZ1\_BarraCuda125\_BarraCudaQ1)
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** 20190423-E145123  
**Report Reference** E145123-A56-UL  
**Issue Date** 2019-APRIL-23

**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

See addendum page

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.

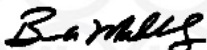
**Standard(s) for Safety:** UL 60950-1 and CAN/CSA C22.2 No. 60950-1-07,  
Information Technology Equipment - Safety - Part 1:  
General Requirements.

**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/about/locations/>



# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190423-E145123  
**Report Reference** E145123-A56-UL  
**Issue Date** 2019-APRIL-23

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

Solid State Drive  
STA018



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/about/locations/>





# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190423-E145123  
**Report Reference** E145123-A6004-UL  
**Issue Date** 2019-APRIL-23

**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

See addendum page

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.

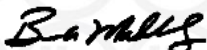
**Standard(s) for Safety:** UL 62368-1 and CAN/CSA C22.2 No. 62368-1-14,  
Audio/video, information and communication technology  
equipment Part 1: Safety requirements.

**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  
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Look for the UL Recognized Component Mark on the product.



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UL LLC

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190423-E145123  
**Report Reference** E145123-A6004-UL  
**Issue Date** 2019-APRIL-23

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

Solid State Drive  
STA018



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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Product Service

# CERTIFICATE

No. B 041780 0681 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.:** 092-72144195-100

**Valid until:** 2024-04-30

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



Product Service

# CERTIFICATE

No. B 041780 0681 Rev. 00

**Model(s):** Regulatory Models: STA002, STA012 and STA018

## Parameters:

Rated Input Voltage:	+5Vdc
Rated Frequency:	dc
Rated Input Current:	
STA002, STA012:	1.10A
STA018:	0.20A
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):** 028752, 096583

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



# 符合性聲明書

## Declaration of Conformity

報驗義務人代碼 Code of the applicant	編 號 Number
D33027	012120201031

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 )：STA018: YA240VC10001, YA480VC10001, YA960VC10001, ZA240CV10001,  
ZA480CV10001, ZA960CV10001, ZA500MC10001, ZA1000MC10001

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：SEAG0252.2 (EMC)/ SG1905546-ATS/GENV/288/19/yao (RoHS)

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 109 年 01 月 21 日

DATE

(year)

( month )

( day )



# element

## Seagate Technology LLC

Model STA018

YA240VC10001, YA480VC10001, YA960VC10001, ZA240CV10001,  
ZA480CV10001, ZA960CV10001, ZA500MC10001, ZA1000MC10001

Report # SEAG0252.2 Rev. 2



NVLAP LAB CODE: 200881-0



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# CERTIFICATE OF TEST

Last Date of Test: January 7, 2020  
Seagate Technology LLC  
EUT: Model STA018

## 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:

Eric Brandon, Department Manager

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VCCI Council

## Acceptance of Report of Compliance

<b>Company name:</b> Seagate Technology		<b>Member number:</b> 3046
<b>Address:</b> 10200 Sourh De Anza Blvd. Cupertino, CA 95014 USA		<b>Report No.:</b> 2019078875
<b>Responsible person:</b> Phil Rich		<b>Reporting date:</b> 2020/01/16
<b>Department:</b> Retail		<b>Reporting media:</b> online
<b>E-mail:</b> phil.rich@seagate.com		
<b>Contact person:</b> Phil Rich		<b>Status:</b> accepted
<b>Address:</b> 10200 South De Anza Blvd. Cupertino, CA 95014 USA		<b>Last report No.:</b> 2019073205
<b>Department:</b> Retail		<b>Acceptance No.:</b> 2019051309
<b>Phone:</b> 1-408-658-1396		<b>Sub No.:</b> 2
<b>FAX:</b> 1-408-328-2183		<b>Acceptance date:</b> 2020/01/16
<b>E-mail:</b> phil.rich@seagate.com		
<b>Recipient of Acceptance Notice:</b>		
<b>Department:</b> Retail		
<b>E-mail:</b> eric.y.su@seagate.com		

<b>Reporting type:</b>	modify		
<b>Applied VCCI Rule:</b>	VCCI 32-1		
<b>Classification of Equipment and classification code:</b>	ClassB / Classification code g2		
<b>General Name of Equipment:</b>	Solid State Drive		
<b>Product type (Model No.):</b>	STA018		
<b>Member number of a test laboratory:</b>	564	Element Materials Technology Portland-Evergreen Inc.	
<b>Name of the testing laboratory:</b>	Element Materials Technology		
<b>Measurement facility registration number:</b>	<b>Measurement item and Registration No. of Testing facility:</b>		<b>Measurement distance/Reason why not applicable</b>
	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.		
<b>Date of testing:</b>	2020/01/06		
<b>Serial No. of the test report:</b>	SEAG0252		
<b>Reason for addition/modification:</b>	Tested to verify alternate construction with new NAND type and added a thermistor component.		
<b>VCCI comment:</b>			

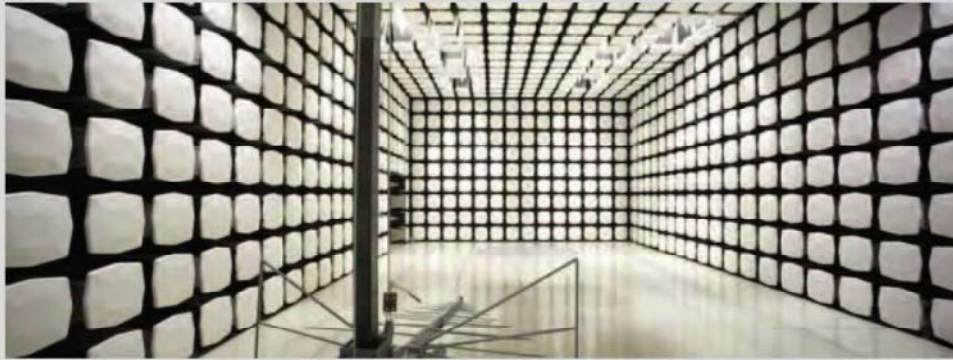


# element

**Seagate Technology LLC**

**Model STA018**

**Report # SEAG0252**



NVLAP LAB CODE: 200881-0



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# CERTIFICATE OF TEST

**Last Date of Test: January 8, 2020**  
**Seagate Technology LLC**  
**EUT: Model STA018**

## 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 15.107:2020 Class B	ANSI C63.4:2014
FCC 15.109(g):2020 Class B	
FCC 15.109:2020 Class B	
ICES-003:2016 updated April 2017 Class B	
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	

### Deviations From Test Standards

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### Approved By:



Eric Brandon, Department Manager

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