



# XErase Data Erasure Certificate of Erasure



**DocID:**  
15AS102WTGTW-XGDI0T-DJWRNB-35A46A  
**Date:** 08/13/2020 **Time:** 15:44:07

## Erasure Results Summary

CAPACITY	GRADE A	FAILED	OTHER	TOTAL
180GB	1	0	0	1
<u>512GB</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>2</u>
Totals	2	1	0	3

## Report Information

Customer Name SAMPLE COMPANY  
 PO# 0000  
 Operator GTS

## Erasure Description

This Erasure conforms to the NIST 800-88 rev1 standard, if possible, by determining methods that your drive is capable of performing and executing one that conforms to the specification.

Current methods include the following, and chosen in the order below if viable for this disk. Details are found on pages 32/33 for Hard Disk Drives (HDD), and pages 36/37 for Solid State Drives (SSD) in this document:

<http://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-88r1.pdf>

- 1) SECURE ERASE - Zeros to all blocks (usually ATA SSD only)
- 2) SCSI Format - Zeros to the media (usually SCSI SSD only.) At least as good as an overwrite pass. Probably erases unmapped blocks also (firmware dependant.)
- 3) Overwrite - 1x or 3x write passes (usually 1x for HDD and 3x for SSD)

After the Clear is complete, a Seeded Verify test will be performed if the Secure Erase or Format was performed. In addition a minimum 2500 block spot verify is always performed unless the user specifically chooses a full media verify or a NIST Slice verify option for more coverage.

<u>DATE</u>	<u>TIME</u>	<u>MFR</u>	<u>MODEL</u>	<u>SERIALNUM</u>	<u>CAPACITY</u>	<u>GRADE</u>	<u>ERASURE METHOD</u>	<u>STATUS</u>
07/31/2020	11:29:19	TOSHIBA	THNSNJ51	15AS102WTGTW	512GB	Grade FAIL	NIST 800-88 rev1 Clear <sup>(0)</sup>	FAILED <sup>(1)(2)</sup>
07/31/2020	08:56:08	TOSHIBA	THNSNJ51	25NS106GTGTW	512GB	GRADE A	NIST 800-88 rev1 Clear <sup>(0)</sup>	PASSED
08/13/2020	12:50:46	INTEL	SSDSCKGW180A4	CVDA5516007V180H	180GB	Grade A	NIST 800-88 rev1 Clear <sup>(4)</sup>	PASSED

### DRIVE NOTES

- 1) Prevalidate Exception for Self-Erasure
- 2) SelfDiag Fail -> Grade FAIL

### METHODS

- 0) NIST 800-88 rev1 Clear                      Format 00, SpotVerify 1000
- 4) NIST 800-88 rev1 Clear                      SecureErase 00, SpotVerify 1000