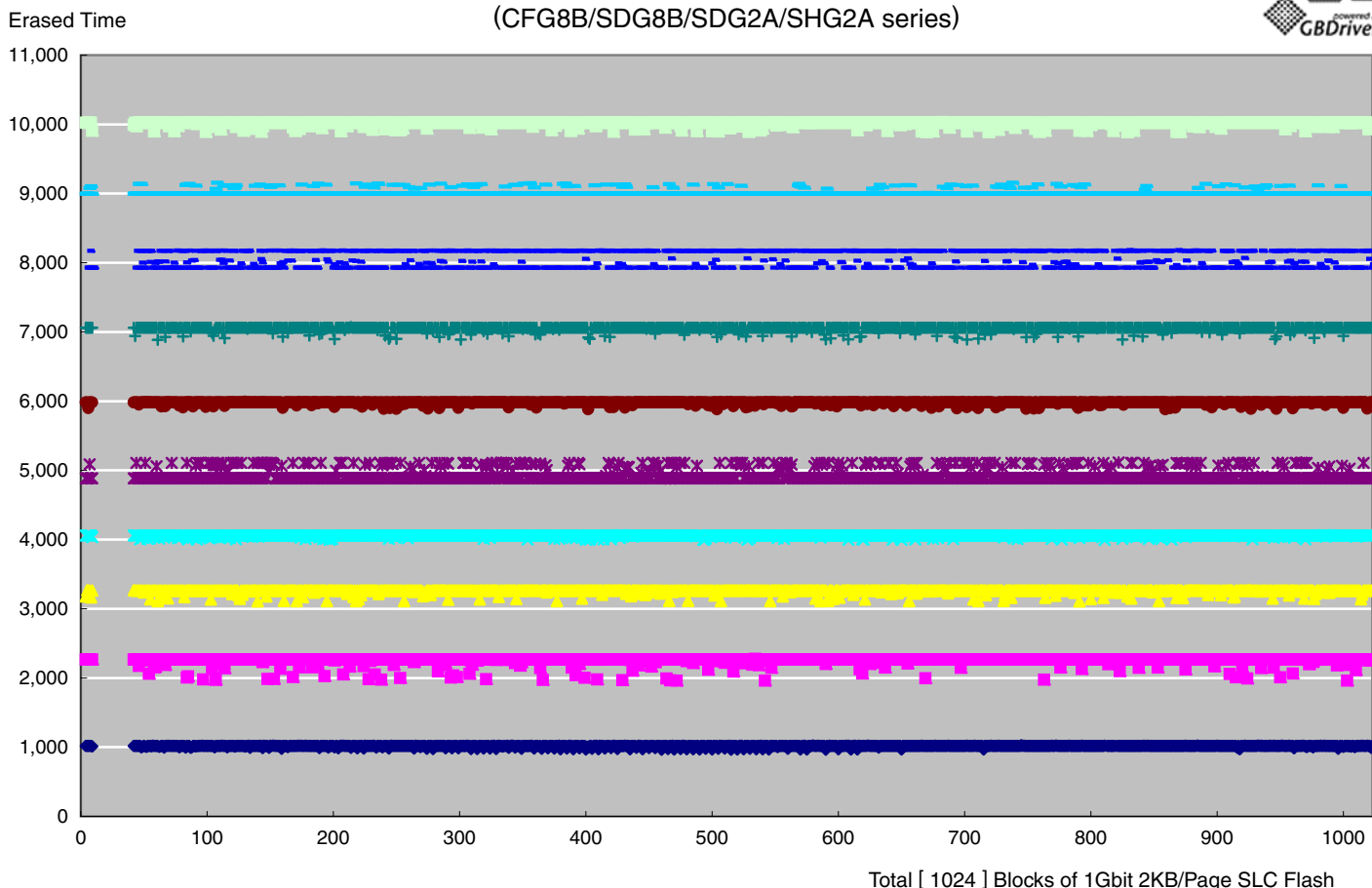


Testing GBDriver RA8/RS2 Global Static Wear Levelling Effectiveness

RELATED PRODUCTS	GBDRIVER RA8 (IDE SSD Controller), GBDRIVER RS2 (SATA SSD Controller)										
	CFG8B Series (CompactFlash Card), SDG8B Series (2.5" IDE SSD)										
	SDG2A Series (2.5" SATA 3Gbps SSD), SHG2A Series (Half Slim SATA 3Gbps SSD)										
TESTED DATE	2010/10/6 11:50 ~ 2010/12/2 19:30										
TESTED BY	TDK Corp, Flash Memory Applied Business, ESS BU [T.Kikuchi]										
TEST PROCEDURE	(1) Loaded DOS in [1] Gbit Flash to occupy [90%] of all memory blocks.										
	(2) Executed repeated data writes to the REST [10%] blocks; data size:[128KByte].										
	(3) Logged S.M.A.R.T. data periodically.										
SAMPLES	[5] Samples [NAND: ██████████] <input checked="" type="checkbox"/>					CONTROLLER: TDK GBDRIVER RA8 <input checked="" type="checkbox"/>					
	(WEEKLY CODE: ██████████)					(WEEKLY CODE: 1011W3BHH)					
	[5] Samples [NAND: ██████████] <input checked="" type="checkbox"/>					CONTROLLER: TDK GBDRIVER RS2 <input checked="" type="checkbox"/>					
	(WEEKLY CODE: ██████████)					(WEEKLY CODE: 1030LU602)					
	[] Samples [NAND: ██████████] <input type="checkbox"/>					CONTROLLER: <input type="checkbox"/>					
	(WEEKLY CODE: ██████████)					(WEEKLY CODE: ██████████)					
RESULTS	PASS + FAIL										
	Erased Times	1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000
	Minimum	963	1,984	3,107	3,995	4,882	5,882	6,886	7,927	8,997	9,887
	Maximum	1,028	2,131	3,275	4,067	5,115	5,993	7,070	8,183	9,157	10,032
	%	6.50%	7.35%	5.60%	1.80%	4.66%	1.85%	2.63%	3.20%	1.78%	1.45%
	(OK) (NG) / []	(OK) (NG) / []	(OK) (NG) / []	(OK) (NG) / []	(OK) (NG) / []	(OK) (NG) / []	(OK) (NG) / []	(OK) (NG) / []	(OK) (NG) / []	(OK) (NG) / []	

TDK "Smart Swap" Global Static Wear Levelling
(CFG8B/SDG8B/SDG2A/SHG2A series)



TESTED & REPORTED: *Takeo Kikuchi*
DATE: 2010.12.6
[Storage Development Section] Takeo KIKUCHI

APPROVED & SUBMITTED: *花房俊一*
DATE: 2010.12.6
[FAE Section] Shunichi HANAFUSA