BD-R Compatibility Comparison

Doc. No.: AML-FR-004/03

Rev. Date : 28/10/2009

Drive Details					Firmware Details		Drive Manufacturing Date	Burner's Specification												Speed			Share			RSER		
Brand	MS	Type	Style	Model	Firmware	Date of update		DVD -R	DVD -RW	DVD +R	DVD +RW	CD R	CD RW	DVD +R DL	DVD -R DL	BD R	BD RE	BDR LTH	BD R DL	BD RE DL	6X	2X	4X	6X	2X	4X	6X	2X	4X
																					MBI...R06	PHILIP R02	PHILIP R04	MBI...R06	PHILIP R02	PHILIP R04	MBI...R06	PHILIP R02	PHILIP R04
HLDS	7.8%	PC	HH	BH10NS30	EL00	Built In	Aug, 2009	16x	6x	16x	8x	48x	24x	8x	8x	10x	2x	NA	8x	2x	6x	2x	4x	7.8%	7.8%	7.8%	7.39E-05	2.71E-05	4.65E-05
HLDS	7.8%	PC	HH	BH08NS20	1.00	Built In	Dec, 2008	16x	6x	16x	8x	48x	24x	4x	4x	8x	2x	NA	8x	2x	6x	2x	4x	7.8%	7.8%	7.8%	5.59E-05	1.34E-04	1.74E-04
HLDS	7.8%	PC	HH	GGW-H20N	XL05	08-12-08	Dec, 2007	16x	6x	16x	8x	40x	24x	4x	4x	6x	2x	NA	4x	2x	4x	2x	4x	7.8%	7.8%	7.8%	2.87E-05	5.13E-05	6.37E-05
HLDS	7.8%	PC	HH	GBW-H10N	GL06	06-06-08	NA	8x	4x	8x	4x	40x	24x	4x	4x	4x	2x	NA	--	--		2x	4x	0.0%	7.8%	7.8%		1.29E-04	8.63E-05
OPTIARC	0.0%	PC	HH	BWU-300S	1.0b	Built In	Jan, 2009	16x	6x	16x	8x	48x	24x	8x	8x	8x	2x	2x	8x	2x	6x	2x	4x	0.0%	0.0%	0.0%	6.76E-05	9.45E-05	5.00E-05
OPTIARC	0.0%	PC	HH	BWU-200S	1.0b	Built In	Jun, 2008	16x	4x	16x	8x	40x	32x	4x	4x	4x	2x	NA	4x	2x	4x	2x	4x	0.0%	0.0%	0.0%	4.72E-05	6.21E-05	6.18E-05
OPTIARC	0.0%	PC	HH	BWU-100A	1.0f	Built In	---	8x	6x	8x	8x	24x	16x	4x	4x	2x	2x	NA	2x	2x	2x	2x	2x	0.0%	0.0%	0.0%	2.28E-05	1.65E-04	1.64E-04
PHILIPS	1.3%	PC	HH	SPD7000P	BPBM	Built In	Apr, 2007	12x	6x	12x	8x	32x	24x	4x	4x	2x	2x	NA	--	--	2x	2x	2x	1.3%	1.3%	1.3%	3.97E-05	5.06E-05	1.15E-04
LITEON	1.3%	PC	HH	BD-4B1S	7P5B	Built In	Apr, 2007	12x	6x	12x	8x	40x	24x	8x	8x	4x	2x	NA	--	--	4x	2x	4x	1.3%	1.3%	1.3%	5.83E-05	5.05E-05	7.03E-05
LITEON	1.3%	PC	HH	BDD 1001	BDIN	Built In	Feb, 2007	12x	6x	12x	8x	32x	24x	4x	4x	2x	2x	NA	--	--	2x	2x	2x	1.3%	1.3%	1.3%	1.35E-05	7.15E-05	5.65E-05
PANASONIC	1.5%	PC	HH	SW-5584	1.00	Built In	Jul, 2008	16x	6x	16x	8x	48x	24x	8x	8x	8x	2x	NA	8x	2x	6x	2x	4x	1.5%	1.5%	1.5%	3.03E-05	1.17E-04	7.26E-05
PANASONIC	1.5%	PC	HH	LF-PB371	1.02	Built In	NA	16x	6x	16x	8x	40x	24x	8x	8x	8x	2x	NA	8x	2x	6x	2x	4x	1.5%	1.5%	1.5%	8.96E-05	1.57E-04	1.68E-04
PANASONIC	1.5%	PC	HH	LF-PB271	1.02	01-05-08	NA	16x	6x	16x	8x	40x	24x	8x	8x	4x	2x	NA	4x	2x	4x	2x	4x	1.5%	1.5%	1.5%	6.56E-05	2.00E-04	8.24E-05
PANASONIC	1.5%	PC	HH	SW-5582	BGF2	Built In	Jun, 2007	8x	6x	8x	8x	24x	16x	4x	4x	2x	2x	NA	2x	2x	2x	2x	2x	1.5%	1.5%	1.5%	1.69E-05	1.37E-04	1.08E-04
PANASONIC	1.5%	PC	HH	LF-MB121	BD04	04-07-08	NA	8x	6x	8x	8x	24x	16x	4x	4x	2x	2x	NA	--	--	2x	2x	2x	1.5%	1.5%	1.5%	4.68E-05	1.81E-04	1.42E-04
PANASONIC	17.0%	PC	Slim	UJ-235	1008	NA	NA	8x	6x	8x	8x	8x	8x	4x	4x	4x	2x	NA	2x	2x	4x	2x	4x	17.0%	17.0%	17.0%	5.51E-05	1.54E-04	1.09E-03
PANASONIC	17.0%	PC	Slim	UJ-220	1003	Built In	Feb, 2008	8x	4x	8x	4x	8x	8x	2.4x	2x	2x	2x	NA	1x	1x	2x	2x	2x	17.0%	17.0%	17.0%	6.65E-05	1.21E-04	7.63E-05
PANASONIC	17.0%	PC	Slim	UJ-210	1.20	Built In	Feb, 2008	8x	4x	8x	4x	8x	8x	2.4x	2x	1x	1x	NA	1x	1x	1x	1x	1x	17.0%	17.0%	17.0%	8.91E-06	3.30E-05	4.47E-05
PLEXTOR	0.0%	PC	HH	PX-B920SA	1.03	Built In	---	16x	6x	16x	8x	40x	24x	4x	4x	4x	2x	2x	4x	2x	4x	2x	4x	0.0%	0.0%	0.0%	2.76E-05	3.02E-05	4.79E-05
PLEXTOR	0.0%	PC	HH	PX-B910SA	1.01	Built In	Oct, 2007	16x	6x	16x	8x	40x	16x	8x	8x	4x	2x	NA	4x	2x	4x	2x	4x	0.0%	0.0%	0.0%	3.51E-05	4.14E-05	6.58E-05
PIONEER	0.4%	PC	HH	BDR-205	1.03	Built In	Sep, 2009	16x	6x	16x	8x	40x	24x	8x	8x	12x	2x	NA	12x	2x	6x	2x	4x	0.4%	0.4%	0.4%	9.17E-05	6.00E-05	3.98E-05
PIONEER	0.4%	PC	HH	BDR-203B	1.10	25-03-09	Feb, 2009	16x	6x	16x	8x	32x	24x	8x	8x	8x	2x	NA	8x	2x	6x	2x	4x	0.4%	0.4%	0.4%	6.92E-05	4.42E-05	4.63E-05
PIONEER	0.4%	PC	HH	BDR-202B	1.08	05-08-08	May, 2007	12x	6x	12x	6x	24x	24x	4x	4x	4x	2x	NA	4x	2x		2x	4x	0.0%	0.4%	0.4%		2.14E-05	7.31E-05
PIONEER	0.4%	PC	HH	BDR-101A	1.01	06-06-08	Mar, 2006	8x	4x	8x	4x	NA	NA	2.4x	NA	2x	2x	NA	--	--				0.0%	0.0%	0.0%			
PIONEER	0.9%	PC	Slim	BDR-TD01	1.05	Built In	Sep, 2008	8x	6x	8x	8x	24x	24x	8x	8x	4x	2x	NA	2x	2x		2x	4x	0.0%	0.9%	0.9%		1.91E-05	2.30E-05
QSI	0.0%	PC	Slim	SUW-061i	8X03	Built In	---	--	--	--	--	--	--	--	--	--	--	--	--	--	5x**	2x	4x	0.0%	0.0%	0.0%	1.98E-04	1.45E-05	1.05E-04
Test Coverage	96.3%																							86.8%	95.9%	95.9%			

Overburn Support:

Drive Details					Firmware Details		Drive Manufacturing Date	Burner's Specification												6X	2X	4X	6X	2X	4X	6X	2X	4X
Brand	MS	Type	Style	Model	Firmware	Date of update		DVD -R	DVD -RW	DVD +R	DVD +RW	CD R	CD RW	DVD +R DL	DVD -R DL	BD R	BD RE	BDR LTH	BD R DL	BD RE DL	MBI...R06	PHILIP R02	PHILIP R04	MBI...R06	PHILIP R02	PHILIP R04	MBI...R06	PHILIP R02	PHILIP R04
HLDS	--	PC	HH	BH10NS30	EL00	Built In	Aug, 2009	16x	6x	16x	8x	48x	24x	8x	8x	10x	2x	NA	8x	2x	8x	4x	8x	--	--	--	1.35E-04	4.31E-05	6.45E-05
HLDS	--	PC	HH	BH08NS20	1.00	Built In	Dec, 2008	16x	6x	16x	8x	48x	24x	4x	4x	8x	2x	NA	8x	2x	8x	4x	8x	--	--	--	1.14E-05	1.45E-04	4.07E-04
HLDS	--	PC	HH	GGW-H20N	XL05	08-12-08	Dec, 2007	16x	6x	16x	8x	40x	24x	4x	4x	6x	2x	NA	4x	2x	--	4x	--	--	--	--	--	2.72E-04	--
HLDS	--	PC	HH	GBW-H10N	GL06	06-06-08	NA	8x	4x	8x	4x	40x	24x	4X	4X	4x	2x	NA	--	--	--	4x	--	--	--	--	--	3.53E-05	--
LITEON	--	PC	HH	BD-4B1S	7P5B	Built In	Apr, 2007	12x	6x	12x	8x	40x	24x	8x	8x	4x	2x	NA	--	--	--	4x	--	--	--	--	--	6.40E-05	--
PLEXTOR	--	PC	HH	PX-B920SA	1.03	Built In	---	16x	6x	16x	8x	40x	24x	4x	4x	4x	2x	2x	4x	2x	--	4x	--	--	--	--	--	6.29E-05	--
PIONEER	--	PC	HH	BDR-205	1.03	Built In	Sep, 2009	16x	6x	16x	8x	40x	24x	8x	8x	12x	2x	NA	12x	2x	10x	--	10x	--	--	--	1.98E-04	--	1.11E-04
PIONEER	--	PC	HH	BDR-203B	1.10	25-03-09	Feb, 2009	16x	6x	16x	8x	32x	24x	8x	8x	8x	2x	NA	8x	2x	8x	--	8x	--	--	--	1.08E-04	--	1.05E-04

Notes:

RSER values are based on the full surface tests carried out on **Expert BDT-101 (Ver - 2.3.0.0)**

** Media is recoreded at 5x speed due to the drive OPU limitation

Colour Codes :

	This shows that media is **Not Supported** by the Drive.
	The media encountered **Writing Error** on the drive.
	The media is recorded at lower than rated speed.
	This combination gives **RSER (Avg) > 2.00E-04, self readback OK**
	This combination gives **RSER (Avg) > 2.00E-04, self readback NG**
	This combination is **perfectly according standard**
Phase out	This drive **will no longer be updated**

PC	PC burner
PC	PC burner
SPC	Slimline PC burners