

**ENERGY STAR Audio/Video Product List**

List Posted on September 4, 2012

Below are currently qualified ENERGY STAR models available for sale in the U.S. and Canada.

Organization Name	Brand Name	Model Name	Model Number	Product Description	Default Auto Power Down Timing [Minutes]	Idle State Power Consumption [Watts]	Sleep Mode Power Consumption [Watts]	Video Playback Power Consumption [Watts]	Video Recording Power Consumption [Watts]	Audio Playback Power Consumption [Watts]	Audio Recording Power Consumption [Watts]	On Mode Amplifier Efficiency [%]
AudioControl	AudioControl	Architect	210ES	Audio Amplifier	10		0.791					0.62
Best Buy Corp. - Exclusive Brands	Dynex / Desay	BLU-RAY PLAYER	NS-BRDVD4	WIRELESS CONNECTED BLU-RAY DISC PLAYER	20	8.7	0.95	12.36	N/A	11.15	N/A	N/A
Best Buy Corp. - Exclusive Brands	INSIGNIA / Desay	BLU-RAY PLAYER	NS-WBRDVD2	WIRELESS CONNECTED BLU-RAY DISC PLAYER	20	9.53	0.94	13.31	N/A	12.16	N/A	N/A
Best Buy Corp. - Exclusive Brands	Dynex / Desay	BLU-RAY PLAYER	NS-BRDVD4-CA	WIRELESS CONNECTED BLU-RAY DISC PLAYER	20	8.7	0.95	12.36	N/A	11.15	N/A	N/A
Best Buy Corp. - Exclusive Brands	INSIGNIA / Desay	BLU-RAY PLAYER	NS-WBRDVD2-CA	WIRELESS CONNECTED BLU-RAY DISC PLAYER	20	9.53	0.94	13.31	N/A	12.16	N/A	N/A
Best Buy Corp. - Exclusive Brands	Dynex / Desay	Dynex OPP DVD Player	DX-DVD2	common disc player	30	3.84	0.53	5.34	N/A	5.61	N/A	N/A
Best Buy Corp. - Exclusive Brands	Dynex / Desay	Dynex Up-Convert DVD Player	DX-UPDVD2	With HDMI common disc player	30	5.25	0.813	7.01	N/A	6.55	N/A	N/A
Best Buy Corp. - Exclusive Brands	Dynex / Desay	BLU-RAY Player	DX-WBRDVD1	WIRELESS CONNECTED BLU-RAY DISC PLAYER	20 minutes	N/A	0.65W	12.4W	N/A	N/A	N/A	N/A
Best Buy Corp. - Exclusive Brands	INSIGNIA	Clock Radio with 3 blocks	NS-CL3B01	Clock radio with 3 blocks supplied by EPS	5 minutes		0.32W	N/A	N/A	N/A	N/A	0.13
Best Buy Corp. - Exclusive Brands	INSIGNIA	3D BLU-RAY DISC PLAYER	NS-WBRDVD3	3D BLU-RAY DISC PLAYER	10 minutes	N/A	0.412	10.5	N/A	N/A	N/A	N/A
Best Buy Corp. - Exclusive Brands	INSIGNIA	3D BLU-RAY DISC PLAYER	NS-WBRDVD3-CA	3D BLU-RAY DISC PLAYER	10 minutes	N/A	0.412	10.5	N/A	N/A	N/A	N/A
Best Buy Corp. - Exclusive Brands	INSIGNIA	DVD PLAYER	NS-D150A13	DVD PLAYER	30 minutes	3.56	0.41	5.98				
Best Buy Corp. - Exclusive Brands	INSIGNIA	3D BLU-RAY DISC PLAYER	NS-BD250A13	DVD PLAYER	10 minutes	8.19	0.45	9.59				
Crestron Electronics, Inc.	Crestron	AMP-3210T	AMP-3210T	3 Channel AMP, 4/8 ohm 70/100V output	29		0.56					0.91
Crestron Electronics, Inc.	Crestron	AMP-3210S	AMP-3210S	3 Channel AMP, 4/8 ohm output	29		0.56					0.91
Crestron Electronics, Inc.	Crestron	AMP-2210T	AMP-2210T	2 Channel AMP, 4/8 ohm 70/100V output	29		0.56					0.91
Crestron Electronics, Inc.	Crestron	AMP-2210S	AMP-2210S	2 Channel AMP, 4/8 ohm output	29		0.56					0.91
Crestron Electronics, Inc.	Crestron	AMP-2210HT	AMP-2210HT	2 Channel AMP, 4/8 ohm 70V output	29		0.54					0.64
Crestron Electronics, Inc.	Crestron	Professional Audio Amplifier	MP-AMP40-70V	1 Channel Amp, 70V output	5 Minutes							
Crestron Electronics, Inc.	Crestron	Professional Audio Amplifier	MP-AMP40-100V	1 Channel Amp, 100V output	5 Minutes							
Definitive Technology Division of Directed Electronics, Inc.	Definitive Technology	Powered subwoofer	SC 4000	Amplifier with one subwoofer	27 Mins	N/A	0.24					0.46
Definitive Technology Division of Directed Electronics, Inc.	Definitive Technology	Powered subwoofer	SC 6000	Amplifier with one subwoofer	20 Mins	N/A	0.22					0.49

DEI Headquarters, Inc.	Definitive Technology	Procinema 400	Procinema 400	Subwoofer of Home Theater 5.1 Speaker System	29 minutes	9.6W	0.53	N/A	N/A	N/A	N/A	0.06
DEI HEADQUARTERS, INC.	Definitive Technology	Powered subwoofer	SC 8000	Amplifier with one subwoofer	20 Mins	N/A	0.35					0.52
Extron Electronics	Extron	Stereo Power Amplifier	XPA 2001-100V	XPA 2001-100V is a half rack 1U, convection cooled power amplifier delivering 200 watts into a 100 volt line. This is a mono power amplifier with 100V rail.	25	11.07	0.39	N/A	N/A	N/A	N/A	71.64%
Extron Electronics	Extron	Stereo Power Amplifier	XPA 2001-70V	XPA 2001-70V is a half rack 1U, convection cooled power amplifier delivering 200 watts into a 70 volt line. This is a mono power amplifier with 70V rail.	25	11.28	0.39	N/A	N/A	N/A	N/A	72.66%
Extron Electronics	Extron	Stereo Power Amplifier	XPA 1002	XPA 1002 is a half rack 1U, convection cooled power amplifier delivering two channels of 100 watts into 4 ohms or 60 watts into 8 ohms.	25	10	0.38	N/A	N/A	N/A	N/A	70.95%
Extron Electronics	Extron	Two channel power amplifier	XPA 2002	XPA 2002 is a 1U convection cool power amplifier delivering two channels of 200W rms @4 Ohms or 2 channels of 100W @ 8 Ohms. This is a class D amplifier.	25	11.08	0.47	N/A	N/A	N/A	N/A	72.69%
Extron Electronics	Extron	Four channel power amplifier	XPA 2004	XPA 2004 is a four channel power audio amplifier capable of delivering 200W per channel.	25	28.66	0.52	N/A	N/A	N/A	N/A	65.48%
Extron Electronics	Extron	Two channel power amplifier	XPA 2002-70V	XPA 2002-70V is a two channel power amplifier capable of delivering 200W per channel with 70V output.	25	20.24	0.53	N/A	N/A	N/A	N/A	77.04%
Extron Electronics	Extron	Three channel audio power amplifier	XPA 2003C-70V	XPA 2003C-70 is a three channel audio amplifier delivering two channels of 200W into 8 Ohm and third channel of 200W into 70V.	25	28.73	0.48	N/A	N/A	N/A	N/A	65.48%
Extron Electronics	Extron	Mono Power Amplifier	MPA 401-70V	Extron MPA 401-70V is a quarter rack width, convection-cooled mono amplifier delivering 40Wrms output power in 70V channel.	25	6.47	0.64	N/A	N/A	N/A	N/A	N/A
Extron Electronics	Extron	Mono Power Amplifier	MPA 401-100V	Extron MPA401-100V is a quarter rack width convection cooled mono amplifier delivering 40Wrms output power in 100V channel.	25	7.16	0.67	N/A	N/A	N/A	N/A	N/A
Extron Electronics	Extron	Audio Amplifier	XPA 2002-100V	Two Channel Power Amplifier	25	24.19	0.44					0.59
Extron Electronics	Extron	Audio Amplifier	XPA 2003C-100V	Three Channel Power Amplifier	26	16.73	0.44					0.6
Extron Electronics	Extron	MPA 152	60-844-02	2 Channel mini audio amplifier	30	3.28	0.5					
Extron Electronics	Extron	Audio Amplifier	XPA 4002	2 Channel Power Amplifier	25	30.66	0.4					65%
Extron Electronics	Extron	Audio Amplifier	XPA 4002-70V	2 Channel Power Amplifier	26	22.94	0.49					69%
FrontRow Calypso LLC	FrontRow	Lasso	5301R	Infrared Wireless Receiver/Amplifier	30	6.98	0.75					
Funai Corporation, Inc.	MAGNAVOX	MDV2100/F7	MDV2100/F7	DVD Player without HDMI	30	4.03	0.81	5.1	N/A	5.1	N/A	N/A
Funai Corporation, Inc.	MAGNAVOX	MDV3000/F7	MDV3000/F7	DVD Player with HDMI	30	4.65	0.45	6.14	N/A	6.14	N/A	N/A
Funai Corporation, Inc.	MAGNAVOX	MDV3110/F7	MDV3110/F7	DVD Player with HDMI	30	4.65	0.45	6.14	N/A	6.14	N/A	N/A
Funai Corporation, Inc.	MAGNAVOX	MRD410B/F7 A	MRD410B/F7 A	5.1 ch. Home Theater System with Blu-ray Disc Playback	25	13	0.5	15	N/A	15	N/A	55.61%
Funai Corporation, Inc.	MAGNAVOX	MBP5130F/F7	MBP5130F/F7	BD PLAYER	25	10	0.3	14	N/A	14	N/A	N/A
Funai Corporation, Inc.	MAGNAVOX	MBP5230/F7	MBP5230/F7	Blu-ray Disk Player	25	8.6	0.26	12.67	N/A	12.67	N/A	N/A
Funai Corporation, Inc.	MAGNAVOX	MBP5120F/F7	MBP5120F/F7	BD PLAYER	25	10	0.3	14	N/A	14	N/A	N/A

Funai Corporation, Inc.	MAGNAVOX	MBP5120F/F7 E	MBP5120F/F7 E	BD PLAYER	25	10	0.3	14	N/A	14	N/A	N/A
Funai Corporation, Inc.	SYLVANIA	NB620SL1	NB620SL1	BD PLAYER	25	10	0.3	14	N/A	14	N/A	N/A
Funai Corporation, Inc.	SYLVANIA	NB621SL1	NB621SL1	BD PLAYER	25	10	0.3	14	N/A	14	N/A	N/A
Funai Corporation, Inc.	MAGNAVOX	BD Player	MBP5220F/F7	Audio/Video Product	25		0.454	9.32		8.52		
Funai Corporation, Inc.	MAGNAVOX	BD Player	MBP5210/F7	Audio/Video Product	25		0.454	9.32		8.52		
Funai Corporation, Inc.	MAGNAVOX	DVD Player	MDV2300/F7	AUDIO/VIDEO EQUIPMENT	25		0.631	4.92		5.16		
Funai Corporation, Inc.	MAGNAVOX	DVD Player	MDV3300/F7	AUDIO/VIDEO EQUIPMENT	25		0.444	6.4		6.25		
Funai Corporation, Inc.	MAGNAVOX	BD Player	MBP5320F/F7	BD Player	25		0.26	8.8		8.7		
Funai Electric Co. Ltd.	PHILIPS	BD Player	BDP3506/F7	Audio/Video Equipment	25		0.255	10.5		9.84		
Funai Electric Co. Ltd.	PHILIPS	BD Player	MBP5230/F7	Audio/Video Equipment	25		0.27	11.64		12.12		
Funai Electric Co., Ltd.	MAGNAVOX	Blu Ray Disc Player	MBP1200/F7	AUDIO/VIDEO EQUIPMENT	26		0.564	10.2		9.22		
Funai Electric Co., Ltd.	MAGNAVOX	Blu Ray Disc Player	MBP5320/F7	AUDIO/VIDEO EQUIPMENT	25		0.25	8.8		8.8		
Funai Electric Co., Ltd.	MAGNAVOX	Blu Ray Disc Player	MBP1300/F7	AUDIO/VIDEO EQUIPMENT	25		0.25	8.8		8.8		
LAB GRUPPEN	LAB.GRUPPEN	E Series	E 12:2	Amplifier for professional installation market	20 minutes		0.014					67%
LAB GRUPPEN	LAB.GRUPPEN	E Series	E 12:2	Amplifier for professional installation market	20 minutes		0.014					67%
LG Electronics Inc.	LG	BD630	BD630	The products covered by this report is a Network Blu-Ray Disc Player for indoor use, non- detachable power supply cord connected	25		0.39	10.92				
LG Electronics Inc.	LG	BD640	BD640	The products covered by this report is a Network Blu-Ray Disc Player for indoor use, non- detachable power supply cord connected	25		0.39	10.92				
LG Electronics Inc.	LG	BD630C	BD630C	The products covered by this report is a Network Blu-Ray Disc Player for indoor use, non- detachable power supply cord connected	25		0.39	10.92				
LG Electronics Inc.	LG	BC640C	BC640C	The products covered by this report is a Network Blu-Ray Disc Player for indoor use, non- detachable power supply cord connected	25		0.39	10.92				
LG Electronics Inc.	LG	BD645	BD645	The products covered by this report is a Network Blu-Ray Disc Player for indoor use, non- detachable power supply cord connected	25		0.22	11.41				
Ngai Lik Electronics Enterprises Limited	iLive	MIP669B, ITP582B, ITP582W, ITP582R, ITP582BU, ITP582PR	MIP669B, ITP582B, ITP582W, ITP582R, ITP582BU, ITP582PR	The product covered by this report is a sound bar with 4 speakers intended for dry location use.		3.7	0.69					
Ngai Lik Electronics Enterprises Limited	iLIVE	37" Sound bar	IT123B	The product is a sound bar with 4 speakers intended for dry location use.	10 minutes		0.44					
NUVO TECHNOLOGIES L L C	NUVO	NV-D2120	NV-D2120	The products covered by this report is a digital power amplifier with detachable power supply cord for indoor use only.	3		0.52					65%
NUVO TECHNOLOGIES L L C	NUVO	NV-D460	NV-D460	The products covered by this report is a digital power amplifier for indoor use, detachable power supply cord connected	3		0.59					59%

NUVO TECHNOLOGIES L L C	NUVO	NV-D2120	NV-D2120	The products covered by this report is a digital power amplifier with detachable power supply cord for indoor use only.	3		0.5						0.65
NUVO TECHNOLOGIES L L C	NUVO	NV-D460	NV-D460	The products covered by this report is a digital power amplifier with detachable power supply cord for indoor use only.	3		0.6						0.59
NUVO TECHNOLOGIES L L C	NUVO	NV-WA40W-AMP	NV-WA40W-AMP	The products covered by this report are digital power amplifiers used with detachable external power supply for indoor use only.	30		0.3						0.48
ONKYO Corporation	VIZIO	Soundbar/Subwoofer	VHT215(Sound bar)	VIZIO	27		0.921						0.255
ONKYO Corporation	VIZIO	Soundbar/Subwoofer	VHT215(Subwoofer)	VIZIO	37	4.22	1.02						0.447
OWI INCORPORATED	OWI	Green Amplified Speaker	AMP-1SGRN	Amplified Speaker	15	3.14	0.93						0.25
Panasonic	Panasonic	DMP-BD45P	DMP-BD45P	Blu-ray Disc Player with ultra fast booting, SDXC/USB slot for viewing jpeg still and AVCHD video	30	9	0.1	11.9	N/A	11	N/A	N/A	N/A
Panasonic	Panasonic	SC-HTB10	SC-HTB10	Sound Bar Home Theater System	30	10	0.3	N/A	N/A	N/A	N/A	N/A	56.85%
Panasonic	Panasonic	DMP-BD65P	DMP-BD65P	Blu-ray Disc Player with ultra fast booting, Viera Cast including Netflix, and WiFi ready	30	9.3	0.1	12.45	N/A	11.9	N/A	N/A	N/A
Panasonic	Panasonic	DMP-BD45PC	DMP-BD45PC	Blu-ray Disc player with ultra fast booting and SDXC/USB slot for viewing jpeg, still, and AVCHD video	30	9	0.1	11.9	N/A	11	N/A	N/A	N/A
Panasonic	Panasonic	DMP-BD65PC	DMP-BD65PC	Blu-ray Disc player with ultra fast booting, SDXC/USB slot for viewing jpeg still and AVCHD video	30	9.3	0.1	12.45	N/A	11.9	N/A	N/A	N/A
Panasonic	Panasonic	DMP-BD85PC	DMP-BD85PC	Wi-Fi enabled Blu-ray Disc player with ultra fast booting	30	11.3	0.1	15.15	N/A	14.1	N/A	N/A	N/A
Panasonic	Panasonic	DMP-BDT105P	DMP-BDT105P	Full HD 3D Blu-ray Disc Player	30	10.7	0.1	14.45	N/A	13.7	N/A	N/A	N/A
Panasonic	Panasonic	DMP-BD655P	DMP-BD655P	WiFi enabled Blu-ray Disc player with ultra fast booting and VIERACAST including Netflix	30	9.3	0.1	12.45	N/A	11.9	N/A	N/A	N/A
Panasonic	Panasonic	DMP-BDT100PC	DMP-BDT100PC	Blu-ray disc player	30	10.7	0.1	14.45	N/A	13.7	N/A	N/A	N/A
Panasonic	Panasonic	DMP-BD85P	DMP-BD85P	Wi-Fi enabled Blu-ray Disc player with ultra fast booting	30	11.3	0.1	15.15	N/A	14.1	N/A	N/A	N/A
Panasonic	Panasonic	DVD-S58PP	DVD-S58PP	SD Source to HD Output "Upconversion" Optical Disc Player	28	4.9	0.6	8	N/A	8	N/A	N/A	N/A
Panasonic	Panasonic	DVD-S59PC	DVD-S59PC	SD Source to HD Output "Upconversion" Optical Disc Player	30	4.9	0.6	8	N/A	8	N/A	N/A	N/A
Panasonic	Panasonic	DMP-BDT100P	DMP-BDT100P	Blu-ray disc player	30	10.7	0.1	14.45	N/A	13.7	N/A	N/A	N/A
Panasonic	Panasonic	SC-HC20	SC-HC20	Compact Audio System	30	2.54	0.17	N/A	N/A	4	N/A	N/A	N/A
Panasonic	Panasonic	SC-HC30	SC-HC30	Compact Audio System	30	6.1	0.05	N/A	N/A	4.15	N/A	N/A	N/A
Panasonic	Panasonic	SC-HC40	SC-HC40	Compact Audio System	30	7.9	0.05	N/A	N/A	5.1	N/A	N/A	N/A
Panasonic	Panasonic	SA-BT730	SA-BT730	Blu-ray Disc Home Theater Audio Amplifier	30	26.1	0.05	15.77	N/A	14.8	N/A	N/A	62.50%
Panasonic	Panasonic	SC-BT228	SC-BT228	Blu-ray Disc Home Theater Sound System	30	26.1	0.053	14.8	N/A	14.5	N/A	N/A	62.50%
Panasonic	Panasonic	SC-BT230	SC-BT230	Blu-ray Disc home Theater Sound System	30	26.1	0.055	15.7	N/A	14.81	N/A	N/A	62.50%
Panasonic	Panasonic	SC-BT235	SC-BT235	Blu-ray Disc Home Theater Sound System	30	26.1	0.055	15.71	N/A	14.75	N/A	N/A	62.50%
Panasonic	Panasonic	SC-BT330	SC-BT330	Blu-ray Disc Home Theater in a Box	30	26.1	0.055	15.73	N/A	14.8	N/A	N/A	62.50%
Panasonic	Panasonic	SC-HTB50	SC-HTB50	Home Theater Audio System	30	10	0.3	N/A	N/A	N/A	N/A	N/A	56.85%
Panasonic	Panasonic	SC-BTT268	SC-BTT268	Blu-ray Disc Home Theater Sound System	30	15.2	0.4	15.01	N/A	14.6	N/A	N/A	61.61%
Panasonic	Panasonic	SC-BTT270	SC-BTT270	BLU-RAY DISC HOME THEATER SOUND SYSTEM	30	15.2	0.4	15.01	N/A	14.6	N/A	N/A	61.61%
Panasonic	Panasonic	SC-BTT273	SC-BTT273	BLU-RAY DISC HOME THEATER SOUND SYSTEM	30	15.2	0.4	15.01	N/A	14.6	N/A	N/A	61.61%

Panasonic	Panasonic	SA-BTT770	SA-BTT770	BLU-RAY DISC HOME THEATER AUDIO AMPLIFIER	30	15.2	0.054	15.01	N/A	14.6	N/A	61.61%
Panasonic	Panasonic	SC-HTB50	SC-HTB50	Home Theater Audio System	30	10	0.3	N/A	N/A	N/A	N/A	56.85%
Panasonic	Panasonic	SC-BTT350	SC-BTT350	3D Blu-ray Home Cinema in a box with upscaling to 1080, virtual 7.1 surround sound, and Viera Cast connectivity	30	25.1	0.054	16.94	N/A	16.13	N/A	61.01%
Panasonic	Panasonic	DVD-S68P	DVD-S68P	DVD player (SD source to HD Output "Upconversion" optical disc player)	25	5.5	0.6	7	N/A	7	N/A	N/A
Panasonic	Panasonic	DMP-BDT115P	DMP-BDT115P	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi ready	28	5.4	0.08	6.7	N/A	5.9	N/A	N/A
Panasonic	Panasonic	DMP-BDT110P	DMP-BDT110P	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi ready	28	5.4	0.08	6.7	N/A	5.9	N/A	N/A
Panasonic	Panasonic	DMP-BDT110PC	DMP-BDT110PC	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi ready	28	5.4	0.08	6.7	N/A	5.9	N/A	N/A
Panasonic	Panasonic	DMP-BD75P	DMP-BD75P	Blu-ray Disc Player with fast booting	28	9.5	0.11	10.3	N/A	9.8	N/A	N/A
Panasonic	Panasonic	DMP-BD75PC	DMP-BD75PC	Blu-ray Disc Player with fast booting	28	9.5	0.11	10.3	N/A	9.8	N/A	N/A
Panasonic	Panasonic	DMP-BDT210P	DMP-BDT210P	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi	28	6.7	0.08	8.1	N/A	7.4	N/A	N/A
Panasonic	Panasonic	DMP-BD75PC	DMP-BD75PC	Blu-ray Disc Player with fast booting	28	9.5	0.11	10.3	N/A	9.8	N/A	N/A
Panasonic	Panasonic	DMP-BDT210P	DMP-BDT210P	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi	28	6.7	0.08	8.1	N/A	7.4	N/A	N/A
Panasonic	Panasonic	DMP-BDT115P	DMP-BDT115P	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi ready	28	5.4	0.08	6.7	N/A	5.9	N/A	N/A
Panasonic	Panasonic	DMP-BDT110P	DMP-BDT110P	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi ready	28	5.4	0.08	6.7	N/A	5.9	N/A	N/A
Panasonic	Panasonic	DMP-BDT110PC	DMP-BDT110PC	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi ready	28	5.4	0.08	6.7	N/A	5.9	N/A	N/A
Panasonic	Panasonic	DMP-BDT210PC	DMP-BDT210PC	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi	28	6.7	0.08	8.1	N/A	7.4	N/A	N/A
Panasonic	Panasonic	DMP-BDT310P	DMP-BDT310P	Blu-ray Disc Player with ultra fast booting, Skype, Twin HDIM and WiFi	28	7	0.08	8.9	N/A	8	N/A	N/A
Panasonic	Panasonic	DMP-BDT310PC	DMP-BDT310PC	Blu-ray Disc Player with ultra fast booting, Skype, Twin HDIM and WiFi	28	7	0.08	8.9	N/A	8	N/A	N/A
Panasonic	Panasonic	SC-BTT370	SC-BTT370	BLU-RAY DISC HOME THEATER SOUND SYSTEM	30	15.2	0.054	15.01	N/A	14.6	N/A	61.61%
Panasonic	Panasonic	DVD-S68PC	DVD-S68PC	DVD player (SD source to HD Output Upconversion optical disc player)	25	5.5	0.6	7	N/A	7	N/A	N/A
Panasonic	Panasonic	SB-ZT2	SB-ZT2	Powered speaker system with wireless receiver; each speaker system has mid-high speaker, woofer speaker, and 2 amplifiers	30	4.2	0.8	N/A	N/A	N/A	N/A	N/A
Panasonic	Panasonic	SU-ZT2	SU-ZT2	Home Theater System control box with wireless transmitter	30	13.6	0.43	N/A	N/A	N/A	N/A	N/A
Panasonic	Panasonic	SC-XH150	SC-XH150	DVD HOME THEATER SYSTEM	30	8.74	0.19	10.9	N/A	10.9	N/A	55.87%
Panasonic	Panasonic	SC-PT480	SC-PT480	DVD Home Theater Sound System	30	21.5	0.19	9.5	N/A	9.5	N/A	67.41%
Panasonic	Panasonic	SC-XH50	SC-XH50	DVD HOME THEATER SYSTEM	30	8.4	0.38	9.81	N/A	9.81	N/A	66.64%
Panasonic	Panasonic	DMP-BDT110PX	DMP-BDT110PX	Blu-ray Disc Player with ultra fast booting, Skype and WiFi ready	28	5.4	0.08	6.7	N/A	5.9	N/A	N/A
Panasonic	Panasonic (Serial No. TL 10PR25P01)	SC-HC25	SC-HC25	Micro Stereo System	30	1.5	0.1	N/A	N/A	3.5	N/A	N/A
Panasonic	Panasonic (Serial No. TL 10PR35P01)	SC-HC35	SC-HC35	Micro Stereo System	30	3	0.12	N/A	N/A	4.7	N/A	N/A
Panasonic	Panasonic (Serial No. TL 10PR55P01)	SC-HC55	SC-HC55	Micro Stereo System	30	3.5	0.12	N/A	N/A	4.8	N/A	N/A
Panasonic	Panasonic	Home Theater Audio System	SU-HTB520	HOME THEATER AUDIO SYSTEM	30	7.8	0.174	N/A	N/A	N/A	N/A	N/A
Panasonic	Panasonic	Active Subwoofer	SB-HWA520	Active Subwoofer	30	6.72	0.44	N/A	N/A	N/A	N/A	69.53%

Panasonic	Panasonic	SC-BTT273	SC-BTT273	BLU-RAY DISC HOME THEATER SOUND SYSTEM	30	15.2	0.4	15.01	N/A	14.6	N/A	61.61%
Panasonic	Panasonic	SC-BTT370	SC-BTT370	BLU-RAY DISC HOME THEATER SOUND SYSTEM	30	15.2	0.054	15.01	N/A	14.6	N/A	61.61%
Panasonic	Panasonic	DVD-S68P	DVD-S68P	DVD player (SD source to HD Output "Upconversion" optical disc player)	25	5.5	0.6	7	N/A	7	N/A	N/A
Panasonic	Panasonic	DVD-S68PC	DVD-S68PC	DVD player (SD source to HD Output Upconversion optical disc player)	25	5.5	0.6	7	N/A	7	N/A	N/A
Panasonic	Panasonic	DMP-BDT115P	DMP-BDT115P	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi ready	28	5.4	0.08	6.7	N/A	5.9	N/A	N/A
Panasonic	Panasonic	DMP-BDT110P	DMP-BDT110P	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi ready	28	5.4	0.08	6.7	N/A	5.9	N/A	N/A
Panasonic	Panasonic	DMP-BDT110PC	DMP-BDT110PC	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi ready	28	5.4	0.08	6.7	N/A	5.9	N/A	N/A
Panasonic	Panasonic	DMP-BD75P	DMP-BD75P	Blu-ray Disc Player with fast booting	28	9.5	0.11	10.3	N/A	9.8	N/A	N/A
Panasonic	Panasonic	DMP-BD75PC	DMP-BD75PC	Blu-ray Disc Player with fast booting	28	9.5	0.11	10.3	N/A	9.8	N/A	N/A
Panasonic	Panasonic	DMP-BDT210P	DMP-BDT210P	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi	28	6.7	0.08	8.1	N/A	7.4	N/A	N/A
Panasonic	Panasonic	DMP-BDT210PC	DMP-BDT210PC	Blu-ray Disc Player with ultra fast booting, Skype, and WiFi	28	6.7	0.08	8.1	N/A	7.4	N/A	N/A
Panasonic	Panasonic	DMP-BDT310P	DMP-BDT310P	Blu-ray Disc Player with ultra fast booting, Skype, Twin HDIM and WiFi	28	7	0.08	8.9	N/A	8	N/A	N/A
Panasonic	Panasonic	DMP-BDT310PC	DMP-BDT310PC	Blu-ray Disc Player with ultra fast booting, Skype, Twin HDIM and WiFi	28	7	0.08	8.9	N/A	8	N/A	N/A
Panasonic	Panasonic	SC-XH50	SC-XH50	DVD HOME THEATER SYSTEM	30	8.4	0.38	9.81	N/A	9.81	N/A	66.64%
Panasonic	Panasonic	SC-HC05	SC-HC05	Compact Stereo System	30	0.04	0.04					
Panasonic	Panasonic	Home Theater System	SA-XH170	DVD Home Theater Sound System	30mins	0.09W	0.019266 W			22.95 W		
Panasonic	Panasonic	Compact Stereo System	SC-HC27	Compact Stereo System	30mins	0.056W	0.056W			5.94W		
Panasonic	Panasonic	Compact Stereo System	SC-HC37	Compact Stereo System	30mins	0.05 W	0.05 W			17.34 W		16.00%
Panasonic	Panasonic	Compact Stereo System	SC-HC57	Compact Stereo System	30mins	0.05 W	0.05 W			17.34 W		16.00%
Panasonic	Panasonic	DVD Home Theater Sound System	SA-XH70	DVD Home Theater Sound System	30mins	0.05W	0.05W	9.04W		9.23W		
Panasonic	Panasonic	Compact Stereo System	SC-HC271	Compact Stereo System	30mins	0.05 W	0.05 W			5.94W		
Panasonic	Panasonic	HOME THEATER AUDIO SYSTEM	SC-HTB550	HOME THEATER AUDIO SYSTEM	30MINS	8.1W	0.065W			26W		N/A Pin less then 20W
Panasonic	Panasonic	HOME THEATER AUDIO SYSTEM	SC-HTB350	HOME THEATER AUDIO SYSTEM	30MINS	7.8W	0.06W			23.1W		N/A Pin less then 20W
Panasonic	Panasonic	Compact Stereo System	SC-GT07	Compact Stereo System	30mins	0.05	0.05					12.50%
PANASONIC	PANASONIC	HOME THEATER AUDIO SYSTEM	SC-HTB351	HOME THEATER AUDIO SYSTEM	30MINS	7.8	0.06			23.1		N/A Pin less then 20W
Panasonic	Panasonic	Compact Stereo System	SC-AP01	Compact Stereo System	30mins	4.5	0.1			6.7W		N/A (less then 20W)

PANASONIC	PANASONIC	Amplifier Speaker System	SU-HTE1	Amplifier Speaker System	5min	4.65W	0.1W					N/A (less than 20W)	
Panasonic Corporation	Panasonic	SU-HTB15 (Main unit is Model SU-HTB15; whole system is Model SC-HTB15)	SU-HTB15 (Main unit is Model SU-HTB15; whole system is Model SC-HTB15)	Home Theater Audio System	<30		3					45%	
Panasonic Corporation	Panasonic	SU-HTB15 (Main unit is Model SU-HTB15; whole system is Model SC-HTB15)	SU-HTB15 (Main unit is Model SU-HTB15; whole system is Model SC-HTB15)	Home Theater Audio System	<30		3					45%	
Panasonic Corporation	Panasonic	DMP-BDT220	DMP-BDT220	Blu-ray Disc Player	<30		4.4W	8.4W			8.0W		
Panasonic Corporation	Panasonic	DMP-BDT320	DMP-BDT320	Blu-ray Disc Player	<30		4.5W	8.8W			8.3W		
Panasonic Corporation	Panasonic	DMP-BDT321	DMP-BDT321	Household Blu-ray Disc Player	30 minutes		4.5W	8.4W			8.3W		
Panasonic Corporation	Panasonic	SA-BTT195	SA-BTT195	Household Blu-ray Disc Home Theater Sound System	30 minutes		0.2W	15.5W			14.7W	0.44	
Panasonic Corporation	Panasonic	SA-BTT190	SA-BTT190	Household Blu-ray Disc Home Theater Sound System	30 minutes		0.2W	15.5W			14.7W	0.44	
Panasonic Corporation	Panasonic	SA-BTT196	SA-BTT196	Household Blu-ray Disc Home Theater Sound System	30 minutes		0.2W	15.5W			14.7W	0.44	
Panasonic Corporation	Panasonic	SA-BTT490	SA-BTT490P	Household Blu-ray Disc Home Theater Sound System	30 minutes		0.05W	17.28W			16.42W	0.49	
Panasonic Corporation	Panasonic	SA-BTT490PX	SA-BTT490PX	Household Blu-ray Disc Home Theater Sound System	30 minutes		0.05W	17.25W			16.61W	0.44	
Panasonic Corporation of North America	Panasonic	DMP-BDT215	DMP-BDT215	The product covered by this report is a household, indoor use, cord connected Blu-ray Disc Player.	30	4.8	0.1	7			6.7		
Panasonic Corporation of North America	Panasonic	DMP-BD755	DMP-BD755	The product covered by this report is a household, indoor use, cord connected Blu-ray Disc Player.	30		0.1	7			6		
Panasonic Corporation of North America	Panasonic	DMP-BDT210	DMP-BDT210	The product covered by this report is a household, indoor use, cord connected Blu-ray Disc Player.	30		0.1	7.5			6.5		
Panasonic Corporation of North America	Panasonic	DMP-BD77	DMP-BD77	The products covered by this report are household, indoor use and non-detachable power cordset connected Blu-ray Player.	28		0.2	7.3					
Panasonic Corporation of North America	Panasonic	DMP-DSB100	DMP-DSB100	The products covered by this report are household, indoor use and non-detachable power cordset connected Blu-ray Player.	28		0.2	7.3					
Panasonic Corporation of North America	Panasonic	DMP-BD87	DMP-BD87	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Player.	18		0.2	8.7					
Panasonic Corporation of North America	Panasonic	DMP-BD871	DMP-BD871	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Player.	18		0.2	8.7					
Philips Consumer Lifestyle, a Division of Philips Electronics North America Corp	PHILIPS	DVP3570/F7	DVP3570/F7	DVD Player with HDMI	30	4.48	0.45	5.88	N/A		5.88	N/A	N/A
Philips Consumer Lifestyle, a Division of Philips Electronics North America Corp	Philips	HTS3051BV/F7 A	HTS3051BV/F7 A	5.1 ch. Home Theater System with Blu-ray Disc Playback	25	13	0.5	16	N/A		16	N/A	55.61%

Philips Consumer Lifestyle, a Division of Philips Electronics North America Corp	Philips	HTS3051B/F7 A	HTS3051B/F7 A	5.1 ch. Home Theater System with Blu-ray Disc Playback	25	13	0.5	16	N/A	16	N/A	55.61%
Philips Consumer Lifestyle, a Division of Philips Electronics North America Corp	Philips	HTS3251B/F7 A	HTS3251B/F7 A	5.1 ch. Home Theater System with Blu-ray Disc Playback	25	13	0.5	16	N/A	16	N/A	55.61%
Philips Consumer Lifestyle, a Division of Philips Electronics North America Corp	Philips	HTS3051BV/F7 C	HTS3051BV/F7 C	5.1 ch. Home Theater System with Blu-ray Disc Playback	25	13	0.5	16	N/A	16	N/A	55.61%
Philips Consumer Lifestyle, a Division of Philips Electronics North America Corp	PHILIPS	BDP7520/F7	BDP7520/F7	Blu-ray Disc Player	25	7.5	0.42	11.6	N/A	11.6	N/A	N/A
Philips Consumer Lifestyle, a Division of Philips Electronics North America Corp	PHILIPS	BD Player	BDP5506/F7	Audio/Video Equipment	25		0.575	10.8		10.1		
Philips Consumer Lifestyle, a Division of Philips Electronics North America Corp	PHILIPS	BD Player	BDP3306/F7	Audio/Video Equipment	25		0.27	11.64		12.12		
Philips Consumer Lifestyle, a Division of Philips Electronics North America Corp.	Philips/ASD Electronics Ltd.	DVD player	DVP3560/F8	AV product-DVD player	15	4.5	0.45	5.9	N/A	5.9	N/A	N/A
Philips Consumer Lifestyle, a Division of Philips Electronics North America Corp.	Philips/ASD Electronics Ltd.	DVD player	DVP3560K/F8	AV product-DVD player	15	4.5	0.45	5.9	N/A	5.9	N/A	N/A
Philips Consumer Lifestyle, a Division of Philips Electronics North America Corp.	Philips/ASD Electronics Ltd.	DVD player	DVP3560/F7	AV product-DVD player	15	4.5	0.45	5.9	N/A	5.9	N/A	N/A
Philips Consumer Lifestyle, a Division of Philips Electronics North America Corp.	Philips	Blu-ray disc/DVD Player	BDP3406/F7	Blu-ray disc/DVD Player	10		0.39	9.44				
Philips Consumer Lifestyle, a Division of Philips Electronics North America Corp.	Philips	Blue-ray Disc Player	BDP5406/F7	Blu-ray disc/DVD Player	20		0.23	11.4				
Pioneer Electronics (U.S.A.) Inc.	PIONEER	DVD Player	DV-420V-K	SD Source to HD Output "Upconversion" Optical Disc Player	30	6.1	0.6	6.8	N/A	6.4	N/A	N/A
Polk Audio	Polk Audio	SurroundBar 6000 Instant Home Theater	AM1600	Complete home theater system comprised of one 2-channel loudspeaker (with integrated inputs, preamplifier, and amplifier), one wireless self-powered subwoofer, and a remote control.	10	6.5	0.63	N/A	N/A	N/A	N/A	N/A

Polk Audio	Polk Audio	SURROUNDBAR 3000	SURROUNDBAR 3000	Complete home theater system comprised of one 2-channel (with integrated inputs, preamplifier, and amplifier), one wireless self-powered subwoofer, and a remote control.	10	0.06	0	N/A	N/A	N/A	N/A	N/A
Polk Audio	Polk Audio	PSWi 8m	PSWi 8m	A 50 W wireless subwoofer with an internal power supply to be used with Mitsubishi televisions. The wireless transmitter is powered by the television via a USB cable. The television also supplies the audio to the transmitter.	10	4.1	0.405	N/A	N/A	N/A	N/A	N/A
Polk Audio	Polk Audio	F/X Wireless Surround	F/X Wireless Surround	A 2.4 GHz wireless surround sound system for use with a home theater system.	17	4.2	0.285	N/A	N/A	N/A	N/A	N/A
Polk Audio	Polk Audio	Surroundbar 5000 instant home theater	Surroundbar 5000 instant home theater	Home Theater	10 minutes	2.38	0.74					N/A
Polk Audio	polkaudio	SURROUNDBAR 4000	SURROUNDBAR 4000	SoundBar 4000 Instant Home Theater	10	5.92	0.87					
Polk Audio	polkaudio	Digital One-Step	Digital One-Step	SoundBar 4000 Instant Home Theater	10 minutes	Soundbar: 5.92 watt Subwoofer: 2.66 watt	Soundbar: 0.87 watt Subwoofer: 0.43 watt					
Polk Audio	polkaudio	BM1400-A	BM1400-A	SoundBar 4000 Instant Home Theater	10 minutes	Soundbar: 5.92 watt Subwoofer: 2.66 watt	Soundbar: 0.87 watt Subwoofer: 0.43 watt					
Polk Audio	Polk Audio	I-Sonic Digital Audio System	I-Sonic Digital Audio System	Compact Audio	30 minutes	3.64	0.864					
S&O Electronics (Malaysia) SDN BHD	Sharp	Sound bar home theater system	HT-SL50	Audio/Video Equipment								
Samsung Electronics	Samsung	BD-D7000	BD-D7000	Blu-Ray Disk Player	25		0.72	12.8				
Samsung Electronics	Samsung	BD-D7000B	BD-D7000B	Blu-Ray Disk Player	25		0.72	12.8				
Samsung Electronics	Samsung	BD-D7000E	BD-D7000E	Blu-Ray Disk Player	25		0.72	12.8				
Samsung Electronics	Samsung	BD-D7500	BD-D7500	Blu-Ray Disk Player	25		0.63	11.5				
Samsung Electronics	Samsung	BD-D7500B	BD-D7500B	Blu-Ray Disk Player	25		0.63	11.5				
Samsung Electronics	Samsung	BD-D7500E	BD-D7500E	Blu-Ray Disk Player	25		0.63	11.5				
Samsung Electronics Co Ltd	Samsung	BD-C6900	BD-C6900	BD Player	20	11.9	0.09	13.1				
Samsung Electronics Co Ltd	Samsung	BD-D6100C	BD-D6100C	Blu-Ray Disc Player	25		0.7	10.85				
Samsung Electronics Co Ltd	Samsung	BD-D6100	BD-D6100	Blu-Ray Disc Player	25		0.7	10.85				
Samsung Electronics Co Ltd	Samsung	BD-D6500M	BD-D6500M	Blu-Ray Disk Player	25		0.45	14.07				
Samsung Electronics Co Ltd	Samsung	BD-D6700M	BD-D6700M	Blu-Ray Disk Player	25		0.45	14.2				
Samsung Electronics Co Ltd	Samsung	BD-E5700	BD-E5700	Blu-Ray Disk Player	25		0.14	7.28				
Samsung Electronics Co Ltd	Samsung	BD-EM57	BD-EM57	Blu-Ray Disk Player	25		0.14	7.28				
Samsung Electronics Co Ltd	Samsung	BD-EM57C	BD-EM57C	Blu-Ray Disk Player	25		0.14	7.28				
Samsung Electronics Co Ltd	Samsung	BD-E6500	BD-E6500	Blu-Ray Disk Player	25		0.17	12.72				
Samsung Electronics Co Ltd	Samsung	BD-ES6000	BD-ES6000	Blu-Ray Disk Player	25		0.27	10.69				
Samsung Electronics Co Ltd	Samsung	BD-E5300	BD-E5300	Blu-Ray Disk Player	25		0.15	6.82				

Samsung Electronics Co Ltd	Samsung	BD-EM53	BD-EM53	Blu-Ray Disk Player	25		0.15	6.82				
Samsung Electronics Co Ltd	Samsung	BD-EM53C	BD-EM53C	Blu-Ray Disk Player	25		0.15	6.82				
Samsung Electronics Co Ltd	Samsung	BD-E5500	BD-E5500	Blu-Ray Disk Player	25		0.17	8.98				
Samsung Electronics Co Ltd	Samsung	BD-E5500K	BD-E5500K	Blu-Ray Disk Player	25		0.17	8.98				
Samsung Electronics Co Ltd	Samsung	BD-E5900	BD-E5900	Blu-Ray Disk Player	25		0.12	11.5				
Samsung Electronics Co Ltd	Samsung	BD-E5900K	BD-E5900K	Blu-Ray Disk Player	25		0.12	11.5				
Samsung Electronics Co Ltd	Samsung	BD-EM59	BD-EM59	Blu-Ray Disk Player	25		0.12	11.5				
Samsung Electronics Co Ltd	Samsung	BD-EM59C	BD-EM59C	Blu-Ray Disk Player	25		0.12	11.5				
Samsung Electronics Co Ltd	Samsung	BD-E6500	BD-E6500	Blu-Ray Disk Player	25		0.17	12.72				
Samsung Electronics Co Ltd	Samsung	BD-E5300M	BD-E5300M	Blu-Ray Disc Player	25		0.15	6.82				
Samsung Electronics Co Ltd	Samsung	BD-E5700M	BD-E5700M	Blu-Ray Disc Player	25		0.14	7.28				
Samsung Electronics Co Ltd	Samsung	BD-E5900M	BD-E5900M	Blu-Ray Disc Player	25		0.12	11.5				
Samsung Electronics Co Ltd	Samsung	BD-ES6000M	BD-ES6000M	Blu-Ray Disc Player	25		0.27	10.69				
Samsung Electronics Co Ltd	Samsung	BD-E6500M	BD-E6500M	Blu-Ray Disc Player	25		0.17	12.72				
Samsung Electronics Co Ltd	Samsung	DVD-E360	DVD-E360	DVD Player	25		0.39	5.8				
Samsung Electronics Co Ltd	Samsung	DVD-E360K	DVD-E360K	DVD Player	25		0.39	5.8				
Samsung Electronics Co Ltd	Samsung	DA-E570	DA-E570	Audio Docking system	25		0.43					
Samsung Electronics Co Ltd	Samsung	DA-E550	DA-E550	Audio Docking system	25		0.43					
SAMSUNG ELECTRONICS CO LTD VISUAL DISPLAY DIV	Samsung	BD-D5100	BD-D5100	Blu-Ray Disk Player	25		0.11	7.14				
Samsung Electronics Co., Ltd.	Samsung	BD-C5500	BD-C5500	Blu-ray disc player	20	11.3	0.09	12.1	N/A	12.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C5300	BD-C5300	Blu-ray disc player	20	11.3	0.09	12.1	N/A	12.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C5500A	BD-C5500A	Blu-ray disc player	20	11.3	0.09	12.1	N/A	12.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C5500C	BD-C5500C	Blu-ray disc player	20	11.3	0.09	12.1	N/A	12.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C5500M	BD-C5500M	Blu-ray disc player	20	11.3	0.09	12.1	N/A	12.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C5500P	BD-C5500P	Blu-ray disc player	20	11.3	0.09	12.1	N/A	12.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C5500T	BD-C5500T	Blu-ray disc player	20	11.3	0.09	12.1	N/A	12.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C5900	BD-C5900	Blu-ray disc player	20	11.3	0.09	12.1	N/A	12.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C5900M	BD-C5900M	Blu-ray disc player	20	11.3	0.09	12.1	N/A	12.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C6300	BD-C6300	Blu-ray disc player	20	11.5	0.09	13.1	N/A	13.1	N/A	N/A

Samsung Electronics Co., Ltd.	Samsung	BD-C6800M	BD-C6800M	Blu-ray disc player	20	11.5	0.09	13.1	N/A	13.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C6300T	BD-C6300T	Blu-ray disc player	20	11.5	0.09	13.1	N/A	13.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C6500	BD-C6500	Blu-ray disc player	20	11.5	0.09	13.1	N/A	13.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C6500M	BD-C6500M	Blu-ray disc player	20	11.5	0.09	13.1	N/A	13.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C6500T	BD-C6500T	Blu-ray disc player	20	11.5	0.09	13.1	N/A	13.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C6600	BD-C6600	Blu-ray disc player	20	11.5	0.09	13.1	N/A	13.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C6700	BD-C6700	Blu-ray disc player	20	11.5	0.09	13.1	N/A	13.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C6800	BD-C6800	Blu-ray disc player	20	11.5	0.09	13.1	N/A	13.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C6800C	BD-C6800C	Blu-ray disc player	20	11.5	0.09	13.1	N/A	13.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C6800L	BD-C6800L	Blu-ray disc player	20	11.5	0.09	13.1	N/A	13.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C7500	BD-C7500	Blu-ray disc player	20	11.3	0.1	12.6	N/A	12.6	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C7500T	BD-C7500T	Blu-ray disc player	20	11.3	0.1	12.6	N/A	12.6	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C7500W	BD-C7500W	Blu-ray disc player	20	11.3	0.1	12.6	N/A	12.6	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C7509	BD-C7509	Blu-ray disc player	20	11.3	0.1	12.6	N/A	12.6	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-C7900	BD-C7900	Blu-ray disc player	20	11.3	0.1	12.6	N/A	12.6	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C350	DVD-C350	DVD player	20	3.9	0.52	5.1	N/A	5.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C350K	DVD-C350K	DVD player	20	3.9	0.52	5.1	N/A	5.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C350M	DVD-C350M	DVD player	20	3.9	0.52	5.1	N/A	5.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C360	DVD-C360	DVD player	20	3.9	0.52	5.1	N/A	5.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C360K	DVD-C360K	DVD player	20	3.9	0.52	5.1	N/A	5.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C360KS	DVD-C360KS	DVD player	20	3.9	0.52	5.1	N/A	5.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C360R	DVD-C360R	DVD player	20	3.9	0.52	5.1	N/A	5.1	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C370	DVD-C370	DVD player	20	3.9	0.52	5.1	N/A	5.1	N/A	N/A

Samsung Electronics Co., Ltd.	Samsung	DVD-C450	DVD-C450	DVD player	20	3.5	0.42	5.2	N/A	5.2	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C450K	DVD-C450K	DVD player	20	3.5	0.42	5.2	N/A	5.2	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C450KP	DVD-C450KP	DVD player	20	3.5	0.42	5.2	N/A	5.2	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C450KS	DVD-C450KS	DVD player	20	3.5	0.42	5.2	N/A	5.2	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C460	DVD-C460	DVD player	20	3.5	0.42	5.2	N/A	5.2	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C470T	DVD-C470T	DVD player	20	3.5	0.42	5.2	N/A	5.2	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C550	DVD-C550	DVD player	20	3.5	0.59	5.4	N/A	5.4	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C500	DVD-C500	DVD player	20	3.5	0.59	5.4	N/A	5.4	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C500M	DVD-C500M	DVD player	20	3.5	0.59	5.4	N/A	5.4	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C510	DVD-C510	DVD player	20	3.5	0.59	5.4	N/A	5.4	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C550K	DVD-C550K	DVD player	20	3.5	0.59	5.4	N/A	5.4	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	DVD-C550KD	DVD-C550KD	DVD player	20	3.5	0.59	5.4	N/A	5.4	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	HW-C450	HW-C450	Audio receiver	20	10.71	0.49	N/A	N/A	N/A	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	HW-C451	HW-C451	Audio receiver	20	10.71	0.49	N/A	N/A	N/A	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	HW-C470	HW-C470	Audio receiver	20	10.71	0.49	N/A	N/A	N/A	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-D5500	BD-D5500	Blue-ray disc player	30	7.79	0.58	10.58	N/A	10.58	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-D5500C	BD-D5500C	Blue-ray disc player	30	7.79	0.58	10.58	N/A	10.58	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-D5300C	BD-D5300C	Blue-ray disc player	30	7.79	0.58	10.58	N/A	10.58	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-D5490	BD-D5490	Blue-ray disc player	30	7.79	0.58	10.58	N/A	10.58	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-D5300	BD-D5300	Blue-ray disc player	30	7.79	0.58	10.58	N/A	10.58	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-D5300K	BD-D5300K	Blue-ray disc player	30	7.79	0.58	10.58	N/A	10.58	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-D5500/ZW	BD-D5500/ZW	Blue-ray disc player	30	7.79	0.58	10.58	N/A	10.58	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-D5500K	BD-D5500K	Blue-ray disc player	30	7.79	0.58	10.58	N/A	10.58	N/A	N/A

Samsung Electronics Co., Ltd.	Samsung	BD-D5700	BD-D5700	Blue-ray disc player	30	7.79	0.58	10.58	N/A	10.58	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-D6500	BD-D6500	Blue-ray disc player	30	12.58	0.45	14.07	N/A	14.07	N/A	N/A
Samsung Electronics Co., Ltd.	Samsung	BD-D6700	BD-D6700	Blue-ray disc player	30	12.58	0.45	14.07	N/A	14.07	N/A	N/A
SDI Technologies Inc.	iHome	FM Alarm Clock Radio for iPhone or iPod	iP40	LCD ALARM CLOCK FM RADIO IPHONE AMPLIFIER WITH SINGLE SPEAKER	25	2.1	0.98	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	The Home System for Your iPhone or iPod	iP87	The Home System for Your iPhone or iPod	25	1.4	0.66	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	Pillow Shaker FM Alarm Clock Radio for iPhone or iPod	iP44	Pillow Shaker FM Alarm Clock Radio for iPhone or iPod	25	2.14	1	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	Portable FM Stereo Alarm Clock Radio System for iPhone or iPod	iP45	Portable FM Stereo Alarm Clock Radio System for iPhone and iPod	25	2.14	0.79	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome, Barbie iHome	Color Changing Stereo System for Your iPod	iH15	Color Changing Stereo System for Your iPod	25	1.5	0.7	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	App-Enhanced Alarm Clock	iA5	App-Enhanced Alarm Clock	25	1.7	0.84	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	The Home System for Your iPhone or iPod	iP43	The Home System for Your iPhone and iPod	25	1.2	0.6	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	IR Remote Controllable Dual Alarm LCD iPhone Time Synchronizing Clock AM/FM Radio iPhone / iPod Stereo Amplifier	iP90	IR Remote Controllable Dual Alarm LCD iPhone Time Synchronizing Clock AM/FM Radio iPhone / iPod Stereo Amplifier	25	1.45	0.83	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	Kitchen Timer and Alarm Clock Radio Speaker System for iPhone / iPod	iP39	Kitchen Timer and Alarm Clock Radio Speaker System for iPhone / iPod	25	1.3	0.6	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	iHome Rechargeable Speaker System for Your iPhone & iPod	iP46	iHome Rechargeable Speaker System for Your iPhone & iPod	25	0.92	0.4	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	Portable Stereo Rechargeable Alarm Clock FM Radio for Your iPhone & iPod	iP49	Portable Stereo Rechargeable Alarm Clock FM Radio for Your iPhone & iPod	25	1.78	0.57	N/A	N/A	N/A	N/A	N/A

SDI Technologies Inc.	iHome	The Home System for Your iPhone or iPod	iP92	The Home System fo Your iPhone or iPod	25	1.6	0.82	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	The Home System for Your iPhone or iPod	IP2	The Home System for Your iPhone or iPod	25	3.17	0.67	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	The Home System for Your iPhone or iPod	iP3	The Home System for Your iPhone or iPod	25	3.1	0.6	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	The Home System for Your iPhone or iPod	iP42	The Home System for Your iPhone or iPod	25	1.6	0.6	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	iHome Rechargeable Speaker System for Your iPhone or iPod	iP56	iHome Rechargeable Speaker System for Your iPhone or iPod	25	1.05	0.46	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	The Home System for Your iPhone or iPod	HiP42	The Home System for your iPhone or iPod	25	1.57	0.66	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	The Home System for Your iPhone or iPod	HiP9	The Home System for Your iPhone or iPod	25	2.56	0.86	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	The Home System for Your iPhone or iPod	HiP99	The Home System for Your iPhone or iPod	25	2.9	0.4	N/A	N/A	N/A	N/A	N/A
SDI Technologies Inc.	iHome	HiD37B	HiD37B	Hotel system for your iPhone & iPod	30 min.	N/A	0.68W					
SDI Technologies Inc.	iHome	HiD85	HiD85	Hotel Alarm Clock Radio for Your iPod/iPhone/iPad	25	1.46	0.734					
Sharp Electronics Corp	Sharp	Sound bar home theater system	HT-SL70	Audio/Video Equipment	1		0.847					0.53
Sharp Electronics Corp	Sharp	Sound bar home theater system	HT-SL77	Audio/Video Equipment	20		0.980W for Sound bar, 0.716W for Sub woofer					0.457 for Sound bar, 0.529 for Sub woofer
Sharp Electronics Corp	Sharp	Sound bar home theater system	HT-SL72	Audio/Video Equipment	20		0.980W for Sound bar, 0.716W for Sub woofer					0.457 for Sound bar, 0.529 for Sub woofer
Sharp Electronics Corp.	SHARP	BD-HP25U	012911201	Blu-ray Disc Player	10		0.357	7.06		6.25		
Sharp Electronics Corp.	SHARP	BD-HP35U	006999995	Blu-ray Disc Player	10		0.357	7.06		6.25		
Sharp Electronics Corp.	SHARP	BD-HP75U	012911139	Blu-ray Disc Player	10		0.357	7.06		6.25		
Sharp Electronics Corp.	SHARP	BD-AMS10U	999142	Blu-ray Disc Player	10 minutes	3.91	0.13	7.82		6.82		
Sharp Electronics Corp.	SHARP	BD-AMS20U	112999020	Blu-ray Disc Player	10 minutes	4.98	0.189	11.4		10.5		
Sharp Electronics Corporation	Sharp /Pioneer Digital Design & Manufacturing Corporation	BD-HP24U(A)	BD-HP24U(A)	BD-Player	10	6.82	0.295	10.67	N/A	8.63	N/A	N/A
Sharp Electronics Corporation	Sharp/Pioneer Digital Design & Manufacturing Corporation	BD-HP24U	BD-HP24U	BD-Player	10	6.96	0.338	10.92	N/A	9.14	N/A	N/A

Sharp Electronics Corporation	Sharp/Pioneer Digital Design & Manufacturing Corporation	BD-HP70U	BD-HP70U	BD-Player	10	7.59	0.329	11.72	N/A	10.02	N/A	N/A
Sharp Electronics Corporation	Sharp/Pioneer Digital Design & Manufacturing Corporation	BD-HP90U	BD-HP90U	BD-Player	10	8.06	0.401	13.14	N/A	12.15	N/A	N/A
Sharp Electronics Corporation	Sharp/S&O Electronics (Malaysia) SDN.BHD.	Music System for iPod & iPhone	DK-CL3P	Music System for iPod & iPhone System	15	1.2	0.52	N/A	N/A	N/A	N/A	N/A
Sharp Electronics Corporation	Sharp/S&O Electronics (Malaysia) SDN.BHD.	Music System for iPod & iPhone	DK-CL5P	Music System for iPod & iPhone System	15	1.55	0.51	N/A	N/A	N/A	N/A	N/A
Sharp Electronics Corporation	Sharp/S&O Electronics (Malaysia) SDN.BHD.	Sound Bar System	HT-SB250	2.1ch Sound Bar System	20	3.61	0.18	N/A	N/A	N/A	N/A	N/A
Sharp Electronics Corporation	Sharp/S&O Electronics (Malaysia) SDN.BHD.	Sound Bar System	HT-SB350	2.1ch Sound Bar System	20	4.51	0.19	N/A	N/A	N/A	N/A	N/A
Sharp Electronics Corporation	Sharp/S&O Electronics (Malaysia) SDN.BHD.	HiFi Component System	XL-HF200P	HiFi Component System	15	15.68	0.43	N/A	N/A	N/A	N/A	N/A
Sharp Electronics Corporation	Sharp	Sound bar home theater system	HT-SL75	Audio/Video Equipment	20		0.847W					0.53
Sony Electronics Inc.	SONY	DVP-SR101P	DVP-SR101P	DVD Player	30	3.5	0.51	5.39	N/A	5.39	N/A	N/A
Sony Electronics Inc.	SONY	DVP-SR500H	DVP-SR500H	DVD Player	30	5.93	0.67	8.69	N/A	7.77	N/A	N/A
Sony Electronics Inc.	SONY	DVP-SR200P	DVP-SR200P	DVD Player	30	3.5	0.51	5.39	N/A	5.39	N/A	N/A
Sony Electronics Inc.	SONY	HT-SS370	HT-SS370	Home Theatre System	30	6.06	0.2	N/A	N/A	N/A	N/A	57.27%
Sony Electronics Inc.	SONY	HT-SF470	HT-SF470	Home Theatre System	30	6.06	0.2	N/A	N/A	N/A	N/A	59.67%
Sony Electronics Inc.	SONY	HT-CT150	HT-CT150	Home Theatre System	30	6	0.19	N/A	N/A	N/A	N/A	71.60%
Sony Electronics Inc.	SONY	HT-CT350	HT-CT350	Home Theatre System	30	7.2	0.19	N/A	N/A	N/A	N/A	71.76%
Sony Electronics Inc.	SONY	BDP-S570	BDP-S570	Blu-ray Disc Player	30	12.13	0.125	14.84	N/A	12.39	N/A	N/A
Sony Electronics Inc.	SONY	BDP-BX37	BDP-BX37	Blu-ray Disc Player	30	10.6	0.13	12.87	N/A	10.89	N/A	N/A
Sony Electronics Inc.	SONY	BDP-S370	BDP-S370	Blu-ray Disc Player	30	10.6	0.13	12.87	N/A	10.89	N/A	N/A
Sony Electronics Inc.	SONY	BDP-S770	BDP-S770	Blu-ray Disc Player	30	12.3	0.13	14.5	N/A	12.6	N/A	N/A
Sony Electronics Inc.	SONY	BDP-BX57	BDP-BX57	Blu-ray Disc Player	30	12.13	0.125	14.84	N/A	12.39	N/A	N/A
Sony Electronics Inc.	SONY	BDP-S470	BDP-S470	Blu-ray Disc Player	30	10.6	0.131	12.87	N/A	10.89	N/A	N/A
Sony Electronics Inc.	SONY	BDP-S1700ES	BDP-S1700ES	Blu-ray Disc Player	30	12.3	0.13	14.5	N/A	12.6	N/A	N/A
Sony Electronics Inc.	SONY	BDP-S270	BDP-S270	Blu-ray Disc Player	30	10.6	0.13	12.87	N/A	10.89	N/A	N/A
Sony Electronics Inc.	SONY	DVP-SR401HP	DVP-SR401HP	DVD Player	30	5.93	0.67	8.69	N/A	7.77	N/A	N/A
SONY Electronics Inc.	SONY/SONY EMCS Malaysia	SU-B400S	SU-B400S	TV stand included Amplifier, DSP and Speakers.	2	0.58	0.58	N/A	N/A	N/A	N/A	N/A
SONY Electronics Inc.	SONY/SONY EMCS Malaysia	SU-B460S	SU-B460S	TV stand included Amplifier, DSP and Speakers.	2	0.58	0.58	N/A	N/A	N/A	N/A	N/A
SONY Electronics Inc.	SONY/SONY EMCS Malaysia	SU-B550S	SU-B550S	TV stand included Amplifier, DSP and Speakers.	2	0.58	0.58	N/A	N/A	N/A	N/A	N/A

Sony Electronics Inc.	SONY	SA-32SE1	SA-32SE1	TV Sound Bar System	5	1.68	0.43	N/A	N/A	N/A	N/A	N/A
Sony Electronics Inc.	SONY	SA-40SE1	SA-40SE1	TV Sound Bar System	5	1.68	0.43	N/A	N/A	N/A	N/A	N/A
Sony Electronics Inc.	SONY	HT-SS380	HT-SS380	Home Theatre System	30	4.09	0.17	N/A	N/A	N/A	N/A	56.55%
Sony Electronics Inc.	SONY	BDP-S780	BDP-S780	Blu-Ray Disc Player	30	10.63	0.09	12.49	N/A	11.19	N/A	N/A
Sony Electronics Inc.	SONY	BDP-S480	BDP-S480	Blu-ray Disc Player	30	8.37	0.09	9.75	N/A	8.57	N/A	N/A
Sony Electronics Inc.	SONY	BDP-S580	BDP-S580	Blu-ray Disc Player	30	9.46	0.09	10.94	N/A	9.61	N/A	N/A
Sony Electronics Inc.	SONY	BDP-BX38	BDP-BX38	Blu-ray Disc Player	30	6.7	0.09	7.98	N/A	6.83	N/A	N/A
Sony Electronics Inc.	SONY	BDP-BX58	BDP-BX58	Blu-ray Disc Player	30	9.46	0.09	10.94	N/A	9.61	N/A	N/A
Sony Electronics Inc.	SONY	BDP-S280	BDP-S280	Blu-ray Disc Player	30	6.7	0.09	7.98	N/A	6.83	N/A	N/A
Sony Electronics Inc.	SONY	BDP-S380	BDP-S380	Blu-ray Disc Player	30	6.7	0.09	7.98	N/A	6.83	N/A	N/A
SONY Electronics Inc.	SONY	SU-B551S	SU-B551S	TV stand included Amplifier,DSP and Speakers.	2	0.53	0.53	N/A	N/A	N/A	N/A	N/A
SONY Electronics Inc.	SONY	SU-B461S	SU-B461S	TV stand included Amplifier,DSP and Speakers.	2	0.54	0.54	N/A	N/A	N/A	N/A	N/A
SONY Electronics Inc.	SONY	DVP-SR200P	DVP-SR200P	DVD Player	25	3.34	0.25	5.22	N/A	5.02	N/A	N/A
Sony Electronics Inc.	SONY	DVP-SR405P	DVP-SR405P	DVD Player	25		0.251	5.45		5.16		
Sony Electronics Inc.	SONY	BDP-S185	BDP-S185	Blu-ray Disc Player	30	3.69	0.32	5.47		4.76		
Sony Electronics Inc.	SONY	BDP-BX18	BDP-BX18	Blu-ray Disc Player	30	3.69	0.32	5.47		4.76		
Sony Electronics Inc.	SONY	BDP-S390	BDP-S390	Blu-ray Disc Player	30	4.84	0.27	6.32		5.71		
Sony Electronics Inc.	SONY	BDP-BX39	BDP-BX39	Blu-ray Disc Player	30	4.84	0.27	6.32		5.71		
Sony Electronics Inc.	SONY	BDP-S590	BDP-S590	Blu-ray Disc Player	30	4.7	0.28	5.75		5.2		
Sony Electronics Inc.	SONY	BDP-BX59	BDP-BX59	Blu-ray Disc Player	30	4.7	0.28	5.75		5.2		
Sony Electronics Inc.	SONY	DVP-SR210P	DVP-SR210P	CD/DVD Player	25 minutes	2.59	0.29	3.52		3.86		
Sony Electronics Inc.	SONY	DVP-SR201P	DVP-SR201P	CD/DVD Player	25 minutes	2.59	0.29	3.52		3.86		
Sony Electronics Inc.	SONY	DVP-SR310P	DVP-SR310P	CD/DVD Player	25 minutes	2.59	0.29	3.52		3.86		
Sony Electronics Inc.	SONY	DVP-SR510H	DVP-SR510H	CD/DVD Player	25 minutes	3.07	0.34	4.24		4.53		
Sony Electronics Inc.	SONY	DVP-SR411HP	DVP-SR411HP	CD/DVD Player	25 minutes	3.07	0.34	4.24		4.53		
Sony Electronics Inc.	SONY	BDP-S790	BDP-S790	Blu-ray Disc Player	30	7.18	0.12	9.27		8.7		
Sony Electronics Inc.	SONY	BDP-S3100	BDP-S3100	Blu-ray Disc Player	30	4.11	0.18	5.56		4.83		
Sony Electronics Inc.	SONY	BDP-BX310	BDP-BX310	Blu-ray Disc Player	30	4.11	0.18	5.56		4.83		
Sony Electronics Inc.	SONY	BDP-S1100	BDP-S1100	Blu-ray Disc Player	30	4.11	0.18	5.56		4.83		
Sony Electronics Inc.	SONY	BDP-BX110	BDP-BX110	Blu-ray Disc Player	30	4.11	0.18	5.56		4.83		
Toshiba America Consumer Products, L.L.C.	Toshiba	SD3300KU	SD3300KU	DVD palyer	22	2.43	0.64	4.41	N/A	4.61	N/A	N/A
Toshiba America Consumer Products, L.L.C.	Toshiba	SD3300KC	SD3300KC	DVD palyer	22	2.43	0.64	4.41	N/A	4.61	N/A	N/A
Toshiba America Consumer Products, L.L.C.	Toshiba	SD4300KU	SD4300KU	DVD Player	22	2.95	0.66	5.04	N/A	5.02	N/A	N/A

Toshiba America Consumer Products, L.L.C.	Toshiba	SD4300KC	SD4300KC	DVD Player	22	2.95	0.66	5.04	N/A	5.02	N/A	N/A
Toshiba America Consumer Products, L.L.C.	Toshiba	SDC430KC	SDC430KC	DVD Player	22	2.95	0.66	5.04	N/A	5.02	N/A	N/A
Toshiba America Consumer Products, L.L.C.	Toshiba	SD7300KU	SD7300KU	DVD Player	22	4.67	0.58	5.54	N/A	5.87	N/A	N/A
Toshiba America Consumer Products, L.L.C.	Toshiba	SD7300KC	SD7300KC	DVD Player	22	4.67	0.58	5.54	N/A	5.87	N/A	N/A
Toshiba America Consumer Products, L.L.C.	Toshiba	SDK1000KC	SDK1000KC	DVD Player	22	4.67	0.58	5.54	N/A	5.87	N/A	N/A
Toshiba America Consumer Products, L.L.C.	Toshiba	SDK1000KU	SDK1000KU	DVD Player	22	4.67	0.58	5.54	N/A	5.87	N/A	N/A
Toshiba America Consumer Products, L.L.C.	Toshiba	BDX1100KU	BDX1100KU	Blu Ray Player	20	7.92	0.46	11.1	N/A	10.36	N/A	N/A
Toshiba America Consumer Products, L.L.C.	Toshiba	BDX1100KC	BDX1100KC	Blu Ray Player	20	7.92	0.46	11.1	N/A	10.36	N/A	N/A
Toshiba America Consumer Products, L.L.C.	Toshiba	BDXK100KC	BDXK100KC	Blu Ray Player	20	7.92	0.46	11.1	N/A	10.36	N/A	N/A
Toshiba America Consumer Products, L.L.C.	Toshiba	BDX3000KU	BDX3000KU	Blu Ray Player	29	11.7	0.75	16.26	N/A	13.98	N/A	N/A
Toshiba America Consumer Products, L.L.C.	Toshiba	BDX3000KC	BDX3000KC	Blu Ray Player	29	11.7	0.75	16.26	N/A	13.98	N/A	N/A
Toshiba America Consumer Products, L.L.C.	Toshiba	SD5300KC	SD5300KC	Upconverting DVD Player	22	N/A	0.49	7.23	N/A	6.04	N/A	N/A
Toshiba America Information Systems, Inc	Toshiba	BDX2300KU	BDX2300KU	The product covered by this report is a household, indoor use, cord connected Blue-Ray Disc Player.	9		0.5	7.6		7.2		
Toshiba America Information Systems, Inc	Toshiba	BDX2300KC	BDX2300KC	The product covered by this report is a household, indoor use, cord connected Blue-Ray Disc Player.	9		0.5	7.6		7.2		
Toshiba America Information Systems, Inc	Toshiba	BDK23KU	BDK23KU	The product covered by this report is a household, indoor use, cord connected Blue-Ray Disc Player.	9		0.5	7.6		7.2		
Toshiba America Information Systems, Inc	Toshiba	BDX230KC	BDX230KC	The product covered by this report is a household, indoor use, cord connected Blue-Ray Disc Player.	9		0.5	7.6		7.2		
Toshiba America Information Systems, Inc.	Toshiba	BDX2200KU	BDX2200KU	The product covered by this report is a indoor use Blue-Ray Disc Player.	30	6.63	0.55	9.51		8.03		
Toshiba America Information Systems, Inc.	Toshiba	BDX2200KC	BDX2200KC	The product covered by this report is a indoor use Blue-Ray Disc Player.	30	6.63	0.55	9.51		8.03		
Toshiba America Information Systems, Inc.	Toshiba	BDX1200KC	BDX1200KC	The product covered by this report is a indoor use Blue-Ray Disc Player.	20	6.95	0.1391	9.81				
Toshiba America Information Systems, Inc.	Toshiba	BDX1200KC, BDX1200KU	BDX1200KC, BDX1200KU	The product covered by this report is a indoor use Blue-Ray Disc Player.	20	6.95	0.1391	9.81				
Toshiba America Information Systems, Inc.	Toshiba	BDX4200KU	BDX4200KU	The product covered by this report is a indoor use Blue-Ray Disc Player.	29	11.2	0.7	10		9.3		
Toshiba America Information Systems, Inc.	Toshiba	BDX4200KC	BDX4200KC	The product covered by this report is a indoor use Blue-Ray Disc Player.	29	11.2	0.7	10		9.3		
Toshiba America Information Systems, Inc.	Toshiba	BDX5200KU	BDX5200KU	The product covered by this report is a indoor use Blue-Ray Disc Player.	29	9.8	0.7	10.4		9.6		

Toshiba America Information Systems, Inc.	Toshiba	BDX5200KC	BDX5200KC	The product covered by this report is a indoor use Blue-Ray Disc Player.	29	9.8	0.7	10.4		9.6		
Toshiba America Information Systems, Inc.	Toshiba	BDX2150KU	BDX2150KU	The product covered by this report is a household, indoor use, cord connected Blu-Ray Disc Player.	29	6.98	0.68	10.34		8.84		
Toshiba America Information Systems, Inc.	Toshiba	BDX2150KC	BDX2150KC	The product covered by this report is a household, indoor use, cord connected Blu-Ray Disc Player.	29	6.98	0.68	10.34		8.84		
Toshiba America Information Systems, Inc.	Toshiba	BDK21KU	BDK21KU	The product covered by this report is a household, indoor use, cord connected Blu-Ray Disc Player.	29	6.98	0.68	10.34		8.84		
Toshiba America Information Systems, Inc.	Toshiba	BDX2155KC	BDX2155KC	The product covered by this report is a household, indoor use, cord connected Blu-Ray Disc Player.	29	6.98	0.68	10.34		8.84		
Toshiba America Information Systems, Inc.	Toshiba	BDX2250KU	BDX2250KU	The product covered by this report is a household, indoor use, cord connected Blu-Ray Disc Player.	29	7.41	0.65	11.43		9.99		
Toshiba America Information Systems, Inc.	Toshiba	BDX2250KC	BDX2250KC	The product covered by this report is a household, indoor use, cord connected Blu-Ray Disc Player.	29	7.41	0.65	11.43		9.99		
Toshiba America Information Systems, Inc.	Toshiba	BDX1250KU	BDX1250KU	The product covered by this report is a household, indoor use, cord connected Blu-Ray Disc Player.	20	5.35	0.69	7.31		6.09		
Toshiba America Information Systems, Inc.	Toshiba	BDX4150KU	BDX4150KU	The product covered by this report is a household, indoor use, cord connected Blu-Ray Disc Player.	29	7.27	0.66	10.35		9		
Toshiba America Information Systems, Inc.	Toshiba	BDX3300KU	BDX3300KU	The product covered by this report is a household, indoor use, cord connected Blu-ray Disc Player.	25	7.9	0.5	7.9				
Toshiba America Information Systems, Inc.	Toshiba	BDX3300KC	BDX3300KC	The product covered by this report is a household, indoor use, cord connected Blu-ray Disc Player.	25	7.9	0.5	7.9				
Toshiba America Information Systems, Inc.	Toshiba	BDK33KU	BDK33KU	The product covered by this report is a household, indoor use, cord connected Blu-ray Disc Player.	25	7.9	0.5	7.9				
Toshiba America Information Systems, Inc.	Toshiba	BDX330KC	BDX330KC	The product covered by this report is a household, indoor use, cord connected Blu-ray Disc Player.	25	7.9	0.5	7.9				
Toshiba America Information Systems, Inc.	Toshiba	BDX5300KU	BDX5300KU	The product covered by this report is a household, indoor use, cord connected Blu-ray Disc Player.	25	7.6	0.65	8.5		8.2		
Toshiba America Information Systems, Inc.	Toshiba	BDX5300KC	BDX5300KC	The product covered by this report is a household, indoor use, cord connected Blu-ray Disc Player.	25	7.6	0.65	8.5		8.2		
Toshiba America Information Systems, Inc.	Toshiba	BDX4300KU	BDX4300KU	The product covered by this report is a household, indoor use, cord connected Blu-Ray Disc Player.	25	6.2	0.72	7.2		6.9		
Toshiba America Information Systems, Inc.	Toshiba	BDX4300KC	BDX4300KC	The product covered by this report is a household, indoor use, cord connected Blu-Ray Disc Player.	25	6.2	0.72	7.2		6.9		
Toshiba America Information Systems, Inc.	Toshiba	BDX1300KU & BDX1300KM	BDX1300KU & BDX1300KM	The product covered by this report is a household, indoor use, cord connected electric Blu-ray Disc Player.	15.2	5.7	0.26	8.2		7.5		
Toshiba America Information Systems, Inc.	Toshiba	SD5300KU	SD5300KU	The product covered by this report is a household, indoor use, cord connected DVD player.	22	4.1	0.57	6.7		6.8		
Toshiba America Information Systems, Inc.	Toshiba	SD3300KC2	SD3300KC2	The product covered by this report is a household, indoor use, cord connected DVD player.	19	3.1	0.4	5.6		5.4		

Vizio Inc.	VIZIO	VBR333	VBR333	VIZIO delivers the ultimate movie experience! The 3D Blu-ray Player with Wireless Internet Apps delivers breathtaking, Full HD 3D video performance and up to 7.1 channels of crystal-clear digital surround sound. Enjoy Internet Apps to stream movies from Netflix and VUDU, then check your friends' Facebook and Twitter status!	20	13.5	0.76	13.5	N/A	13.1	N/A	N/A
Vizio Inc.	VIZIO	VBR334	VBR334	VIZIO delivers the ultimate movie experience! The 3D Blu-ray Player with Wireless Internet Apps delivers breathtaking, Full HD 3D video performance and up to 7.1 channels of crystal-clear digital surround sound. Enjoy Internet Apps to stream movies from Netflix and VUDU, then check your friends' Facebook and Twitter status!	20	13.5	0.76	13.5	N/A	13.1	N/A	N/A
Vizio Inc.	VIZIO	VBR220	VBR220	The VIZIO VBR120 Blu-rayTM Player with Internet Apps delivers full 1080p high-definition video, 7.1 surround sound and access to movies, TV shows, music and more from the Internet.	25	9.57	0.57	13.1	N/A	13.1	N/A	N/A
Vizio Inc.	VIZIO	VBR120	VBR120	The VIZIO VBR120 Blu-rayTM Player with Internet Apps delivers full 1080p high-definition video, 7.1 surround sound and access to movies, TV shows, music and more from the Internet.	25	8.95	0.81	12.05	N/A	12.05	N/A	N/A
Vizio Inc.	VIZIO	VBR122	VBR122	The VIZIO Blu-rayTM Player with Wireless Internet Apps delivers full 1080p high-definition video, 7.1 surround sound and has built-in 802.11n wireless for easy access to movies, TV shows, music and more from the Internet.*.	25	8.95	0.81	12.3	N/A	12.3	N/A	N/A
Vizio Inc.	VIZIO	VBR231	VBR231	The VIZIO VBR120 Blu-rayTM Player with Internet Apps delivers full 1080p high-definition video, 7.1 surround sound and access to movies, TV shows, music and more from the Internet.	25	9.57	0.57	13.1	N/A	13.1	N/A	N/A
Vizio Inc.	VIZIO	VBR210	VBR210	Blu-ray player with high definition video, 7.1 surround sound and access to movies, TV shows, music and more from the Internet.*. Also get 2 free HD movie rentals on VUDU, the online service that delivers 1080p HD movies! *Requires high-speed Internet connection. Fees may apply	20	13.78	0.98	14.1	N/A	14.1	N/A	N/A
VIZIO Inc.	VIZIO	VBR133	VBR133	The product covered by this report is a household, indoor use, cord connected 3D Blu-ray Disc Player.	30		0.5	10.4				
VIZIO Inc.	VIZIO	VBR134	VBR134	The product covered by this report is a household, indoor use, cord connected 3D Blu-ray Disc Player.	30		0.5	10.4				
VIZIO Inc.	VIZIO	VBR133-CA	VBR133-CA	The product covered by this report is a household, indoor use, cord connected 3D Blu-ray Disc Player.	30		0.5	10.4				

VIZIO Inc.	VIZIO	VBR133-MX	VBR133-MX	The product covered by this report is a household, indoor use, cord connected 3D Blu-ray Disc Player.	30		0.5	10.4				
VIZIO Inc.	VIZIO	VBR337	VBR337	The product covered by this report is a household, indoor use, cord connected 3D Blu-ray Disc Player.	30		0.7	11.9				
VIZIO Inc.	VIZIO	VBR337-CA	VBR337-CA	The product covered by this report is a household, indoor use, cord connected 3D Blu-ray Disc Player.	30		0.7	11.9				
VIZIO Inc.	VIZIO	VBR337-MX	VBR337-MX	The product covered by this report is a household, indoor use, cord connected 3D Blu-ray Disc Player.	30		0.7	11.9				
VIZIO Inc.	VIZIO	VBR338	VBR338	The product covered by this report is a household, indoor use, cord connected 3D Blu-ray Disc Player.	30		0.7	11.9				
VIZIO Inc.	VIZIO	VBR338-CA	VBR338-CA	The product covered by this report is a household, indoor use, cord connected 3D Blu-ray Disc Player.	30		0.7	11.9				
VIZIO Inc.	VIZIO	VBR338-MX	VBR338-MX	The product covered by this report is a household, indoor use, cord connected 3D Blu-ray Disc Player.	30		0.7	11.9				
VIZIO Inc.	VIZIO	VBR140	VBR140	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Disc Player.	28		0.6	10				
VIZIO Inc.	VIZIO	VBR140-CA	VBR140-CA	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Disc Player.	28		0.6	10				
VIZIO Inc.	VIZIO	VBR140-MX	VBR140-MX	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Disc Player.	28		0.6	10				
VIZIO Inc.	VIZIO	VBR141	VBR141	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Disc Player.	28		0.6	10				
VIZIO Inc.	VIZIO	VBR141-CA	VBR141-CA	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Disc Player.	28		0.6	10				
VIZIO Inc.	VIZIO	VBR141-MX	VBR141-MX	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Disc Player.	28		0.6	10				
VIZIO Inc.	VIZIO	VBR142	VBR142	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Disc Player.	28		0.6	10				
VIZIO Inc.	VIZIO	VBR142-CA	VBR142-CA	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Disc Player.	28		0.6	10				
VIZIO Inc.	VIZIO	VBR142-MX	VBR142-MX	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Disc Player.	28		0.6	10				
VIZIO Inc.	VIZIO	VBR143	VBR143	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Disc Player.	28		0.6	10				
VIZIO Inc.	VIZIO	VBR143-CA	VBR143-CA	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Disc Player.	28		0.6	10				
VIZIO Inc.	VIZIO	VBR143-MX	VBR143-MX	The product covered by this report is household, indoor use and non-detachable power cordset connected Blu-ray Disc Player.	28		0.6	10				

VIZIO Inc.	VIZIO	VBR135	VBR135	The product covered by this report is household, indoor use and non-detachable power cordset connected 3D Blu-ray Player. It has two different designs due to the following reasons: - Two alternative display control board (with or without the LED display). - With or without the WIFI module. - Two alternative PCB layout of decoding board (terminal XP3 is optional).	28		0.25	11.2				
VIZIO Inc.	VIZIO	VBR370	VBR370	The product covered by this report is household, indoor use and non-detachable power cordset connected 3D Blu-ray Player.	28		0.57	12.34				
Zhejiang Tianle Digital Electronic Co., Ltd.	SEIKI, TEINURO	BD660	BD660	The product covered by this report is a household, indoor use, cord connected Blu-ray DVD player.	9		0.5	11.4				
Zhejiang Tianle Digital Electronic Co., Ltd.	SEIKI, TEINURO	BD600	BD600	The product covered by this report is a household, indoor use, cord connected Blu-ray DVD player.	9		0.5	11.4				
Zhejiang Tianle Digital Electronic Co., Ltd.	SEIKI, TEINURO	BD700	BD700	The product covered by this report is a household, indoor use, cord connected Blu-ray DVD player.	9		0.5	11.4				
Zhejiang Tianle Digital Electronic Co., Ltd.	SEIKI, TEINURO	TLBD-S1	TLBD-S1	The product covered by this report is a household, indoor use, cord connected Blu-ray DVD player.	9		0.5	11.4				
ZVOX Audio, LLC	ZVOX Audio	Z-Base 555	555	Single Cabinet Surround Sound System	10 minutes	N/A	0.763					
ZVOX Audio, LLC	ZVOX Audio	Z-Base 580	580	Single Cabinet Surround Sound System	10 minutes	N/A	0.691					

<b>Key Efficiency Criteria</b>
<b>Requirements:</b>
<b>Tier 2: Effective 7/30/2010</b>
<b>Tier 3: Effective 3/30/2012</b>

Product Function	Auto Power Down Requirements	
	Tier 2 All Products	Tier 3 All Products
Default Auto Power Down	Default Timing < 2 Hours	Default Timing < 2 Hours
Available Auto Power Down Settings	If APD timing is set by default to no more than 30 minutes and APD cannot be disabled or increased to greater than 30 minutes, product does not have to meet Idle state power consumption requirements.	If APD timing is set by default to no more than 30 minutes and APD cannot be disabled or increased to greater than 30 minutes, product does not have to meet Idle state power consumption requirements.

Product Function	Sleep Mode Power Consumption Limits (W)	
	Tier 2 All Products	Tier 3 All Products
Base (All Products)	1.0	1.0
In-use Networking / Control Protocol (Wake / Sleep Capability Only)	2.0	1.0

Note: Limits are additive.

Product Function	On Mode Power Consumption Limits (W)	
	Tier 2 All Products	Tier 3 All Products

High Resolution Display (> 480x234 pixel resolution and 5 inches diagonal screen size)	$P = 6*(R) + 0.05*(A) + 3$ Where: R = Display resolution (x * y) in megapixels A = Viewable screen area in square inches	$P = 6*(R) + 0.05*(A) + 3$ Where: R = Display resolution (x * y) in megapixels A = Viewable screen area in square inches
In-use Networking / Control Protocol	2.0	1.0
Standard Definition (SD) Source Optical Disc Player/Recorder	6.0 (Playback) 16 (Recording)	TBD
SD Source to HD Output "Upconversion" Optical Disc Player/Recorder	10 (Playback) 16 (Recording)	TBD
High Definition (HD) Source Optical Disc Player/Recorder	15 (Playback) 25 (Recording)	TBD

Note: Limits are additive.

Product Function	On Mode Audio Amplifier Efficiency	
	Tier 2 All Products	Tier 3 All Products
Audio Amplification Small Amplifiers (PIN < 20 W)	No Efficiency Requirement	No Efficiency Requirement
Audio Amplification Medium Amplifiers (20 W ≤ PIN < 100 W)	Efficiency > 55% Where: Efficiency = POUT / (PIN * 0.80)	TBD
Audio Amplification Large Amplifiers (PIN ≥ 100 W)	Efficiency > 55% Where: Efficiency = POUT / PIN	TBD

PIN = Input Power @ 1/8 MUP 1kHz Sine Wave

POUT = Output Power @ 1/8 MUP 1kHz Sine Wave

Product Function	Idle State Power Consumption Limits (W)	
	Tier 2 All Products	Tier 3 All Products

Base (All Products)	5.0	5.0
Audio Amplification	$P = (0.10 * P_{OUT})$ or 5 W, whichever is greater	$P = (0.10 * P_{OUT})$ or 5 W, whichever is greater

Note: Limits are additive.

POUT = Output Power @ 1/8 MUP 1kHz Sine Wave





