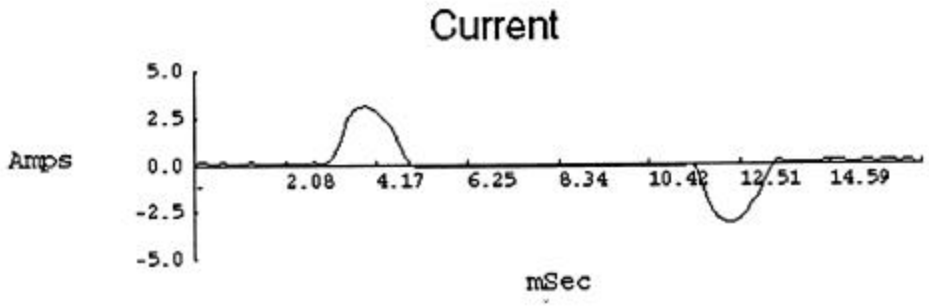
Appendix A.3

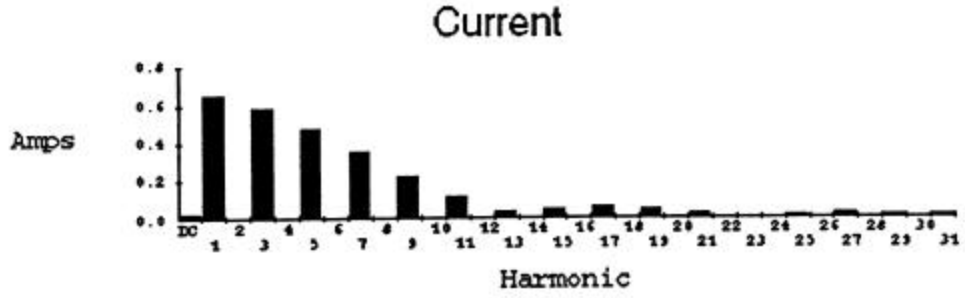
Home Entertainment

Television
Model - Sony KV27526
Ratings - 120V, 165W

Normal Voltage Condition

			Voltage	Current
Frequency	59.98	RMS	120.17	1.09
Power		Peak	168.43	3.22
KW	0.07	DC Offset	0.16	-0.02
KVA	0.13	Crest	1.4	2.97
KVAR	0.02	THD Rms	1.38	80.40
Peak KW	0.54	THD Fund	1.38	135.23
Phase	16° lead	HRMS	1.65	0.87
Total PF	0.57	KFactor		21.17
DPF	0.96			

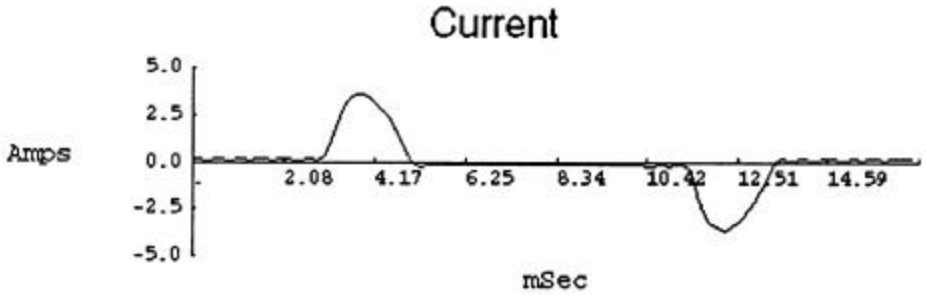


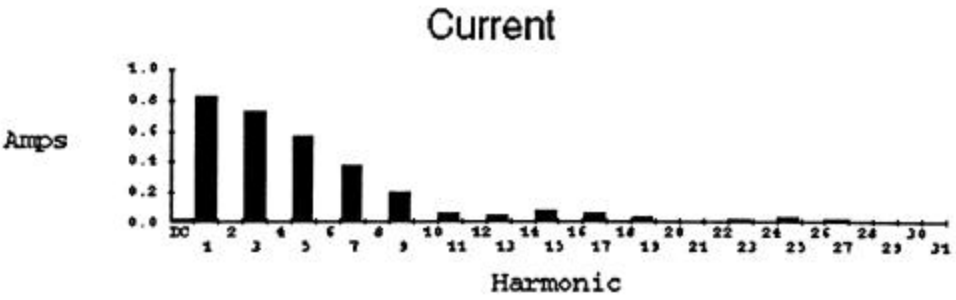


Television
Model - Sony KV-27526
Ratings - 120V, 165W

Low Voltage Condition

			Voltage	Current
Frequency	59.98	RMS	107.89	1.31
Power		Peak	151.27	3.69
KW	0.08	DC Offset	0.14	-0.02
KVA	0.14	Crest	1.4	2.81
KVAR	0.02	THD Rms	1.41	77.94
Peak KW	0.56	THD Fund	1.41	124.40
Phase	15° lead	HRMS	1.52	1.02
Total PF	0.60	KFactor		16.90
DPF	0.97			

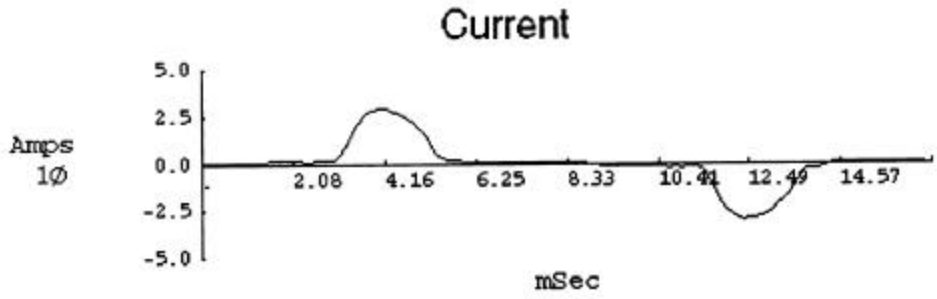


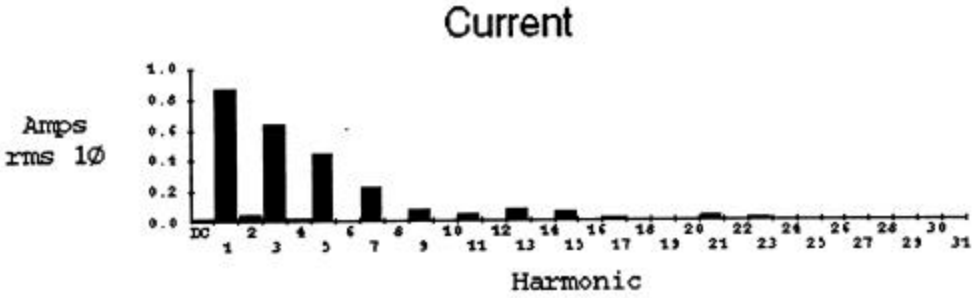


Television
Model - Mitsubishi CS-26EXI
Ratings - 120V, 145W (1992)

Low Voltage Condition

			Voltage	Current
Frequency	60.04	RMS	108.15	1.20
Power		Peak	150.55	3.01
KW	0.09	DC Offset	0.21	0.01
KVA	0.13	Crest	1.39	2.51
KVAR	0.00	THD Rms	2.28	68.71
Peak KW	0.45	THD Fund	2.28	94.56
Phase	2° lead	HRMS	2.47	0.82
Total PF	0.72	KFactor		10.60
DPF	1.00			

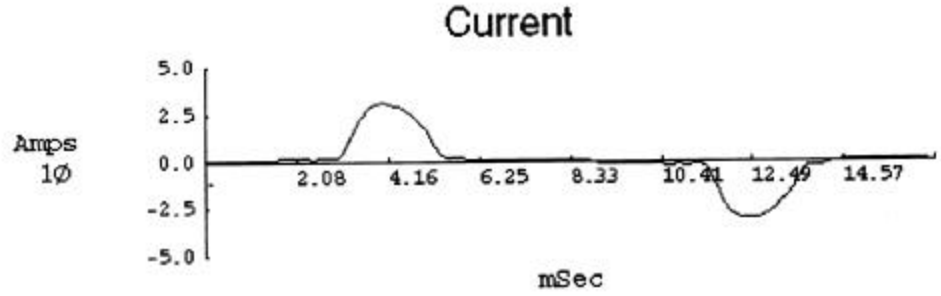


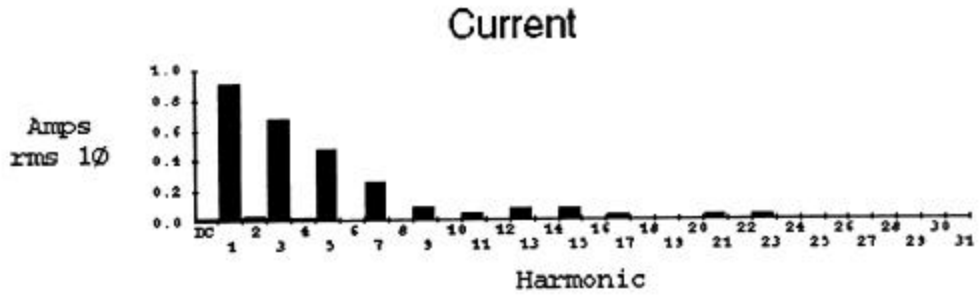


Television
Model - Mitsubishi CS-26EXI
Ratings - 120V, 145W (1992)

Normal Voltage condition

			Voltage	Current
Frequency	60.04	RMS	119.89	1.26
Power		Peak	166.86	3.18
KW	0.11	DC Offset	0.22	0.01
KVA	0.15	Crest	1.39	2.52
KVAR	0.00	THD Rms	2.24	69.24
Peak KW	0.53	THD Fund	2.24	95.97
Phase	2° lead	HRMS	2.69	0.87
Total PF	0.72	KFactor		11.29
DPF	1.00			

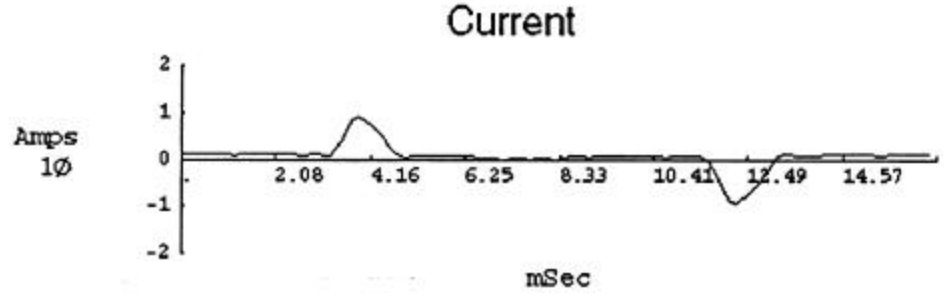


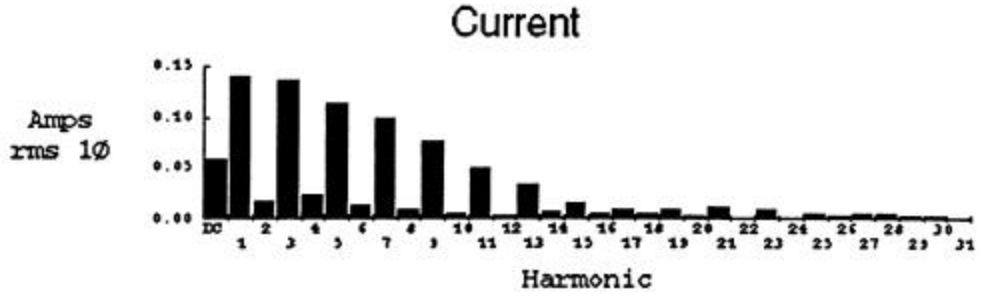


Video Cassette Recorder (VCR)
Model - Sony SLV975HF
Ratings - 120V, 24W

Normal Voltage Condition

			Voltage	Current
Frequency	60.04	RMS	120.25	0.28
Power		Peak	168.52	0.95
Watts	16.09	DC Offset	0.21	0.06
VA	33.15	Crest	1.4	3.40
Vars	3.02	THD Rms	1.45	85.22
Peak W	161.59	THD Fund	1.45	162.88
Phase	13° lead	HRMS	1.75	0.23
Total PF	0.49	KFactor		**OL**
DPF	0.98			

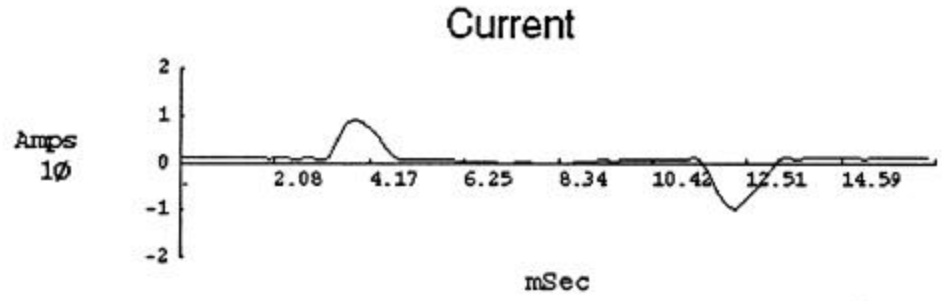


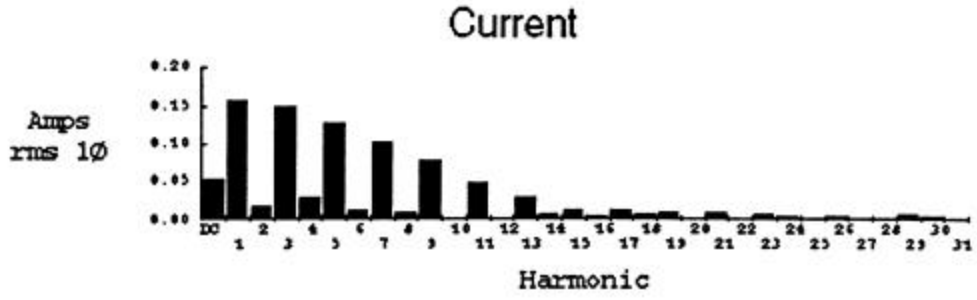


Video Cassette Recorder (VCR)
Model - Sony SLV975HF
Ratings - 120V, 24W

Low Voltage Condition

			Voltage	Current
Frequency	59.98	RMS	107.99	0.30
Power		Peak	151.41	0.97
Watts	16.09	DC Offset	0.29	0.05
VA	32.15	Crest	1.4	3.28
Vars	4.02	THD Rms	1.43	84.03
Peak W	150.59	THD Fund	1.43	154.98
Phase	15° lead	HRMS	1.54	0.24
Total PF	0.51	KFactor		27.84
DPF	0.97			

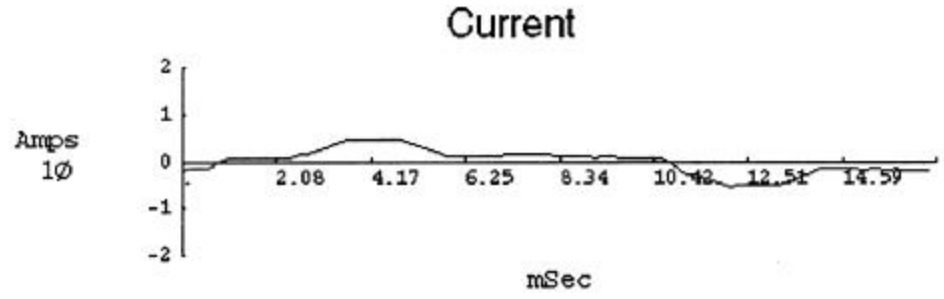


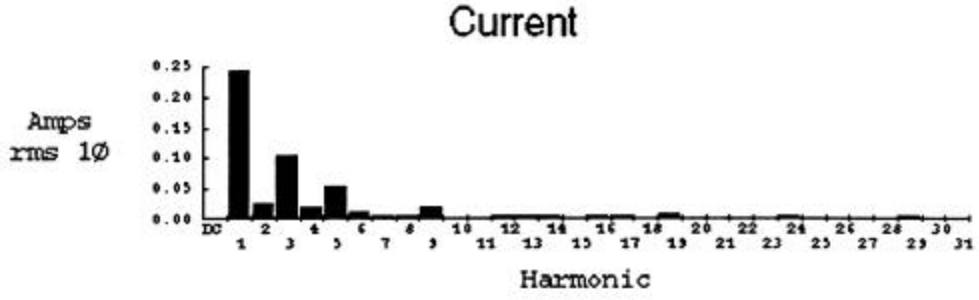


Video Cassette Recorder (VCR)
Model - Mitsubishi HS-U56
Ratings - 120V, 28W (1992)

Normal Voltage Condition

			Voltage	Current
Frequency	59.98	RMS	120.46	0.27
Power		Peak	168.69	0.52
Watts	27.10	DC Offset	0.18	0.00
VA	33.14	Crest	1.4	1.89
Vars	9.02	THD Rms	2.07	45.12
Peak W	90.46	THD Fund	2.07	50.56
Phase	19° lag	HRMS	2.50	0.12
Total PF	0.85	KFactor		4.90
DPF	0.95			

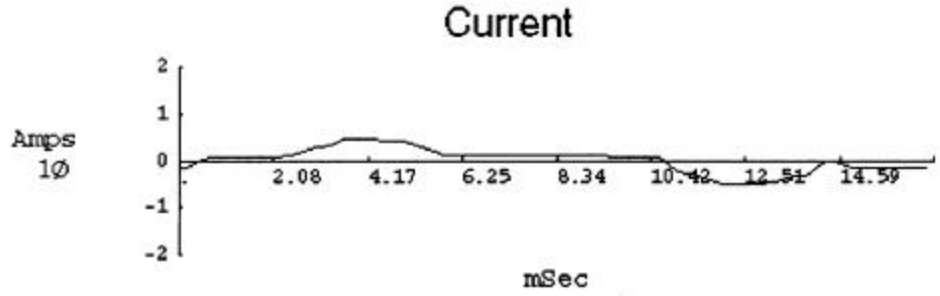


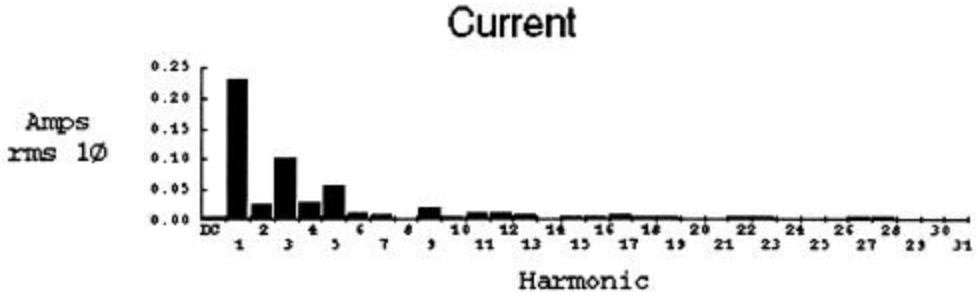


Video Cassette Recorder (VCR)
Model - Mitsubishi HS-U56
Ratings - 120V, 28W (1992)

Low Voltage Condition

			Voltage	Current
Frequency	59.98	RMS	108.13	0.26
Power		Peak	151.47	0.51
Watts	24.10	DC Offset	0.21	0.01
VA	28.14	Crest	1.4	1.93
Vars	6.02	THD Rms	2.06	48.17
Peak W	80.46	THD Fund	2.06	54.96
Phase	15° lag	HRMS	2.23	0.13
Total PF	0.85	KFactor		6.32
DPF	0.97			

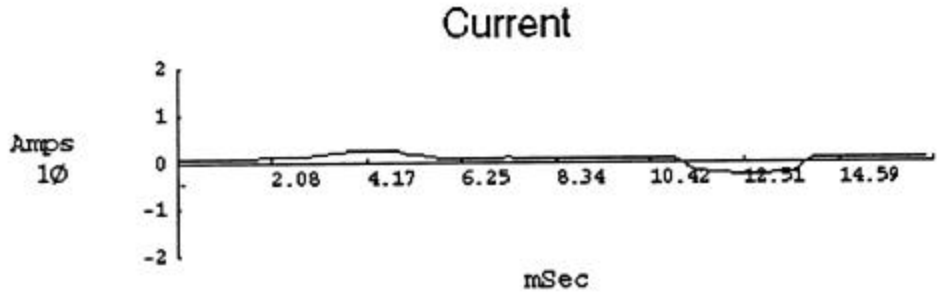


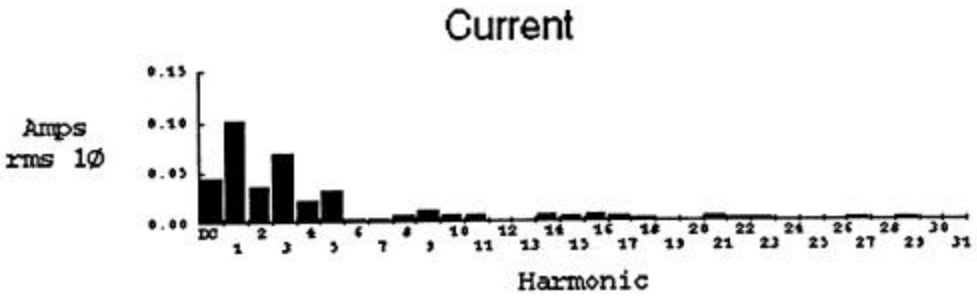


Cassette Player
Model - Sony TC-WR465
Ratings - 120V, 19W

Normal Voltage Condition

			Voltage	Current
Frequency	59.98	RMS	120.20	0.14
Power		Peak	168.75	0.28
Watts	12.09	DC Offset	0.26	0.04
VA	16.15	Crest	1.4	1.99
Vars	0.02	THD Rms	1.38	66.21
Peak W	52.59	THD Fund	1.38	88.34
Phase	0° lag	HRMS	1.66	0.09
Total PF	0.72	KFactor		10.99
DPF	1.00			

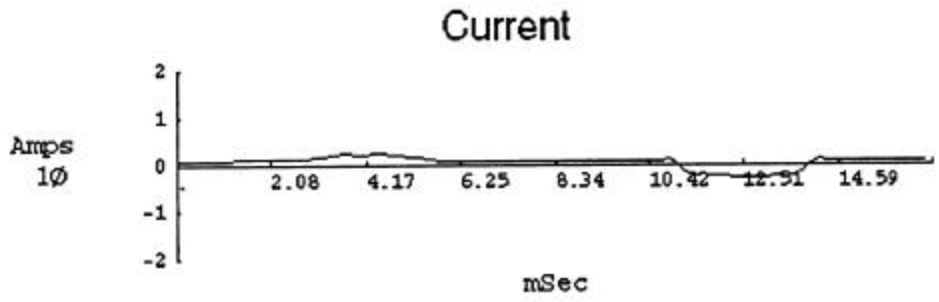


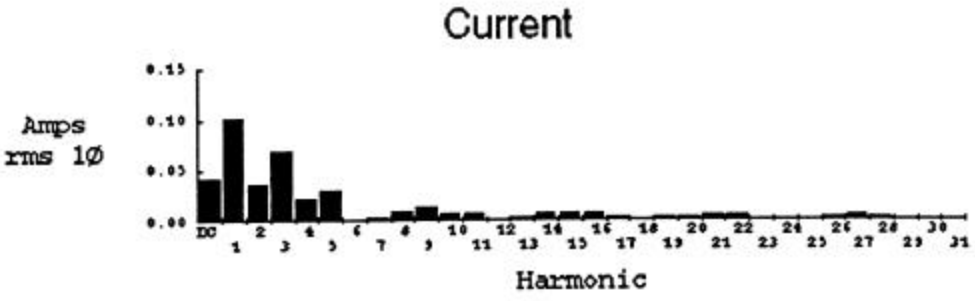


Cassette Player
Model - Sony TC-WR465
Ratings - 120V, 19W

Low Voltage Condition

			Voltage	Current
Frequency	59.98	RMS	108.10	0.14
Power		Peak	151.73	0.27
Watts	11.09	DC Offset	0.26	0.04
VA	15.15	Crest	1.4	1.91
Vars	0.02	THD Rms	1.36	65.94
Peak W	45.59	THD Fund	1.36	87.71
Phase	1° lead	HRMS	1.47	0.09
Total PF	0.73	KFactor		12.81
DPF	1.00			

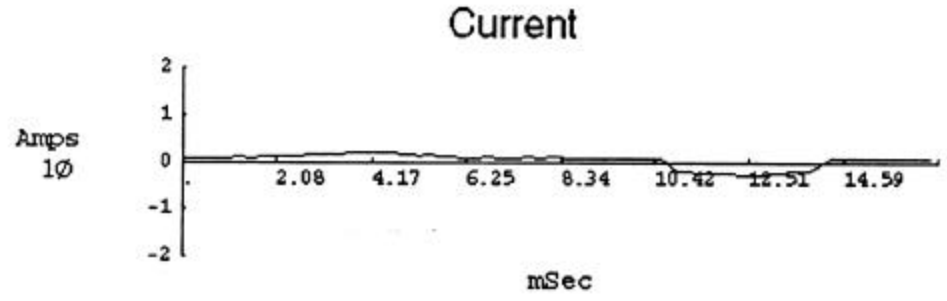


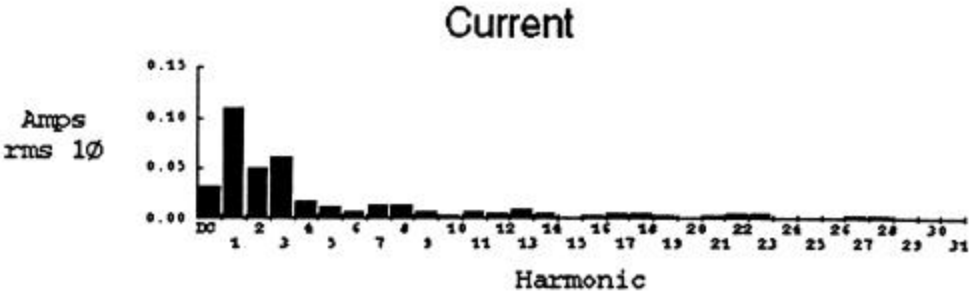


CD Player
Model - Sony CDP-C265
Ratings - 120V, 24W

Normal Voltage Condition

			Voltage	Current
Frequency	59.98	RMS	120.22	0.14
Power		Peak	168.66	0.26
Watts	13.09	DC Offset	0.28	0.03
VA	17.15	Crest	1.4	1.80
Vars	0.02	THD Rms	1.39	61.28
Peak W	49.59	THD Fund	1.39	77.54
Phase	2° lead	HRMS	1.68	0.09
Total PF	0.78	KFactor		9.72
DPF	1.00			

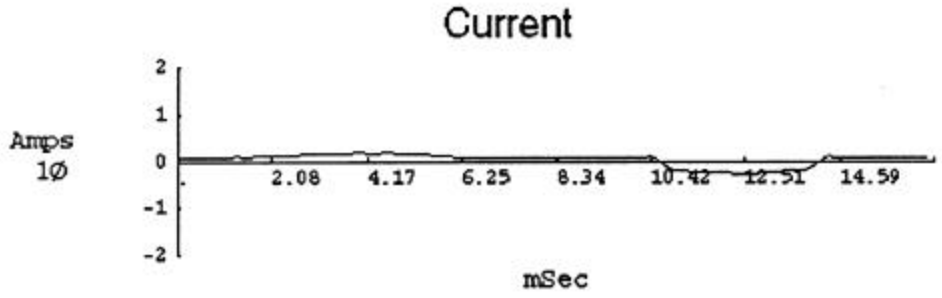


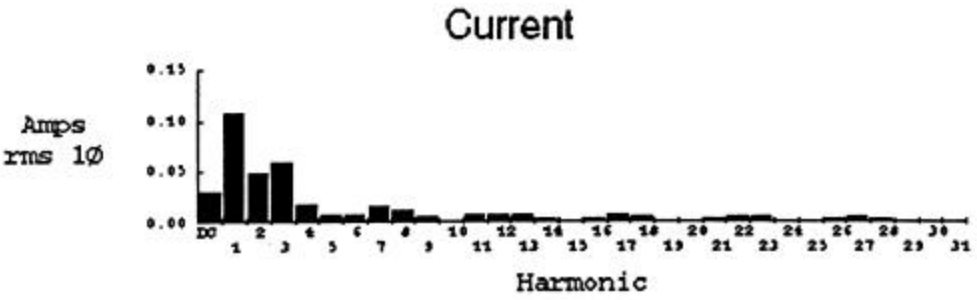


CD Player
Model - Sony CDP-C265
Ratings - 120V, 24W

Low Voltage Condition

			Voltage	Current
Frequency	59.98	RMS	108.37	0.14
Power		Peak	152.16	0.24
Watts	11.09	DC Offset	0.26	0.03
VA	15.15	Crest	1.4	1.70
Vars	0.02	THD Rms	1.41	61.27
Peak W	42.59	THD Fund	1.41	77.52
Phase	4° lead	HRMS	1.53	0.08
Total PF	0.78	KFactor		10.60
DPF	1.00			

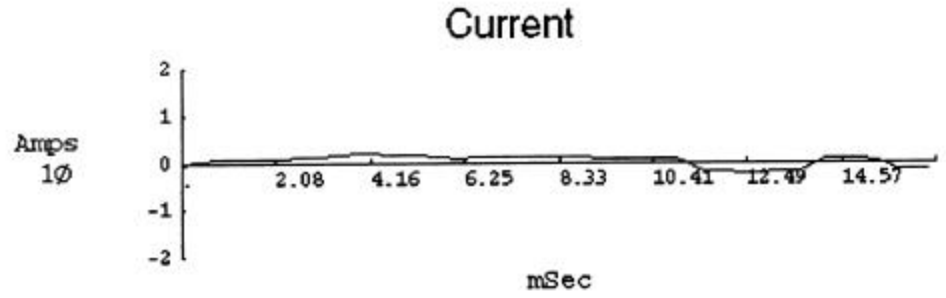


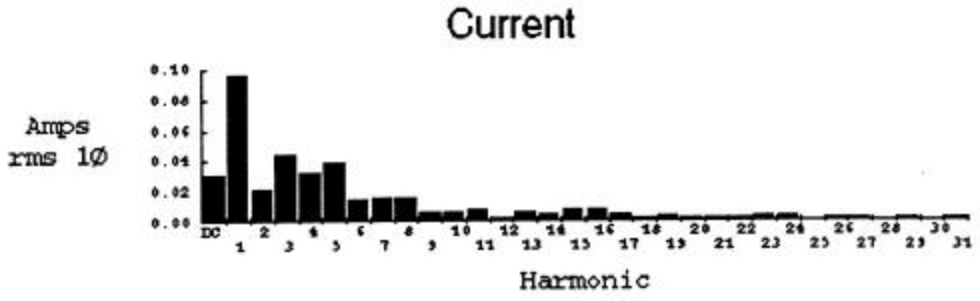


CD Player
Model - Sharp DX-3510 (BK)
Ratings - 120V, 11W (Yr-1989)

Normal Voltage Condition

			Voltage	Current
Frequency	60.04	RMS	119.34	0.13
Power		Peak	167.23	0.23
Watts	10.10	DC Offset	0.17	0.03
VA	15.14	Crest	1.4	1.73
Vars	4.02	THD Rms	2.12	63.35
Peak W	41.46	THD Fund	2.12	81.88
Phase	22° lag	HRMS	2.53	0.08
Total PF	0.70	KFactor	14.16	
DPF	0.93			

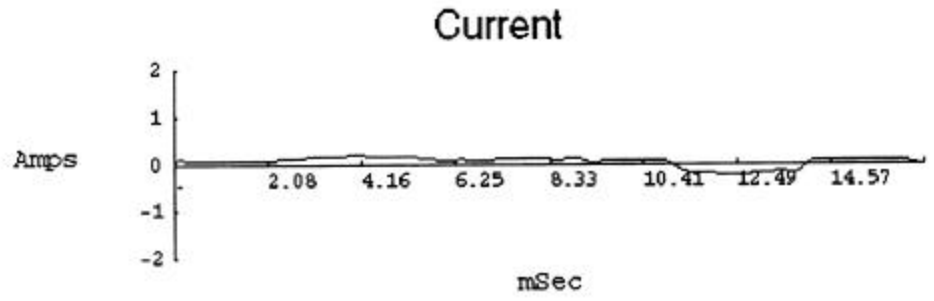


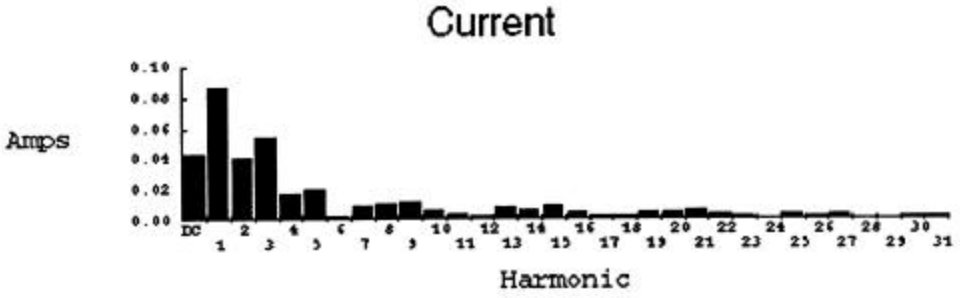


CD Player
Model - Sharp DX-3510 (BK)
Ratings - 120V, 11W (Yr-1989)

Low Voltage Condition

			Voltage	Current
Frequency	60.04	RMS	107.81	0.13
Power		Peak	150.95	0.22
Watts	9.10	DC Offset	0.22	0.04
VA	13.14	Crest	1.4	1.73
Vars	0.02	THD Rms	2.19	66.00
Peak W	35.46	THD Fund	2.19	87.85
Phase	5° lag	HRMS	2.36	0.08
Total PF	0.71	KFactor	13.98	
DPF	1.00			

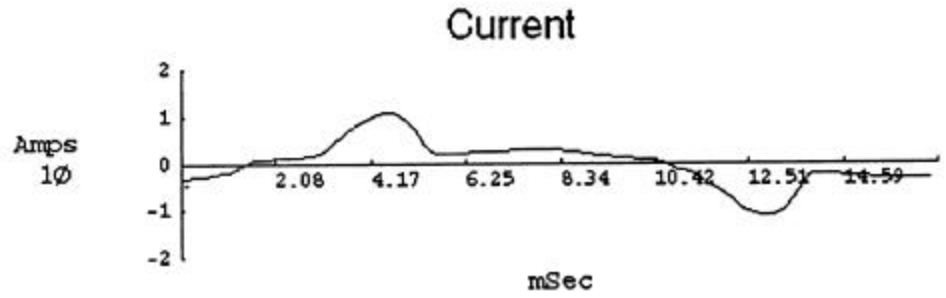


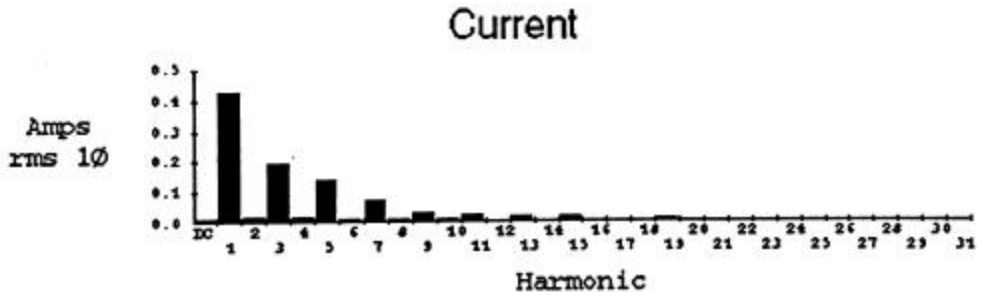


Sound Amplifier
Model - Kenwood KR-A3070
Ratings 120V, 120W

Normal Voltage Condition

			Voltage	Current
Frequency	59.98	RMS	119.98	0.50
Power		Peak	168.16	1.14
Watts	46.09	DC Offset	0.12	-0.01
VA	60.15	Crest	1.4	2.26
Vars	21.02	THD Rms	1.39	51.67
Peak W	195.59	THD Fund	1.39	60.35
Phase	25° lag	HRMS	1.67	0.26
Total PF	0.76	KFactor		6.48
DPF	0.90			

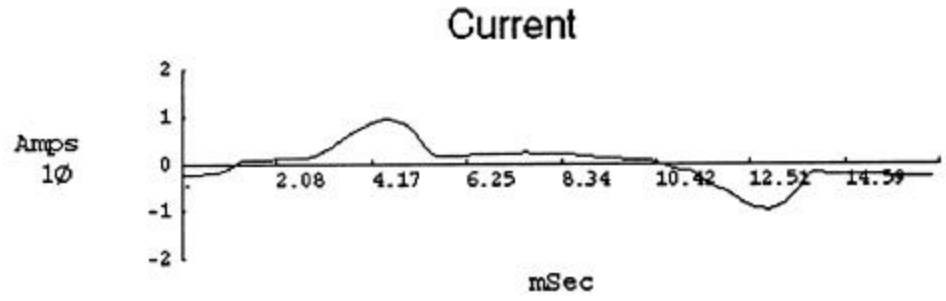


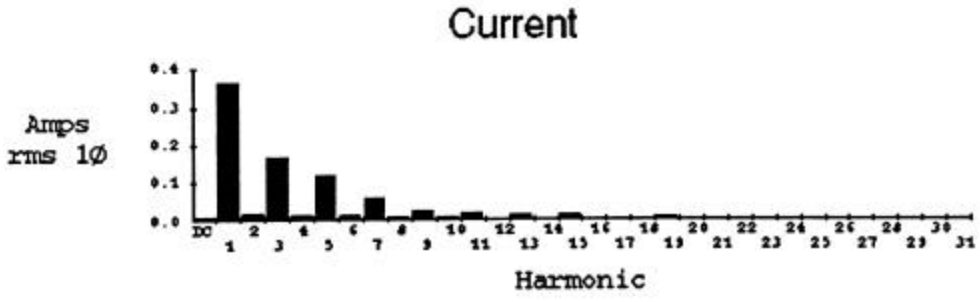


Sound Amplifier
Model - Kenwood KR-A3070
Ratings 120V, 120W

Low Voltage Condition

			Voltage	Current
Frequency	59.98	RMS	108.01	0.43
Power		Peak	151.34	0.97
Watts	36.09	DC Offset	0.11	-0.01
VA	46.15	Crest	1.4	2.26
Vars	14.02	THD Rms	1.38	51.91
Peak W	148.59	THD Fund	1.38	60.74
Phase	22° lag	HRMS	1.49	0.22
Total PF	0.78	KFactor		6.53
DPF	0.93			

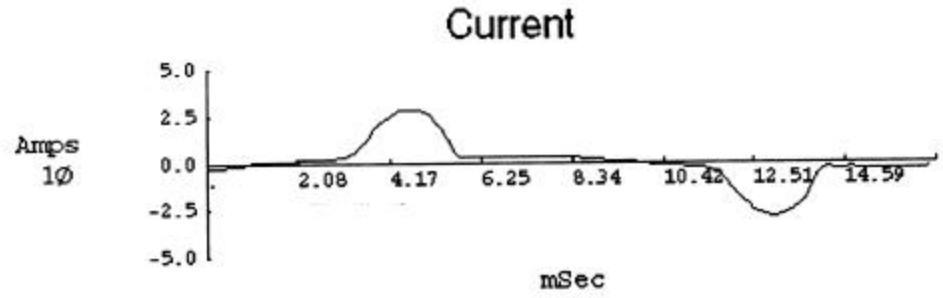


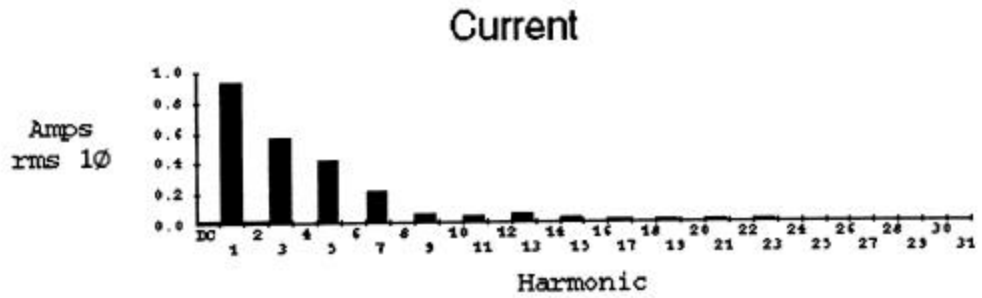


Stereo
Model Kenwood KR-A3070
Ratings - 120V, 120W

Normal Voltage Condition

			Voltage	Current
Frequency	59.98	RMS	120.12	1.20
Power		Peak	167.41	2.95
KW	0.11	DC Offset	0.22	-0.01
KVA	0.14	Crest	1.39	2.45
KVAR	0.03	THD Rms	2.08	61.89
Peak KW	0.49	THD Fund	2.08	78.79
Phase	14° lag	HRMS	2.50	0.74
Total PF	0.76	KFactor		8.65
DPF	0.97			

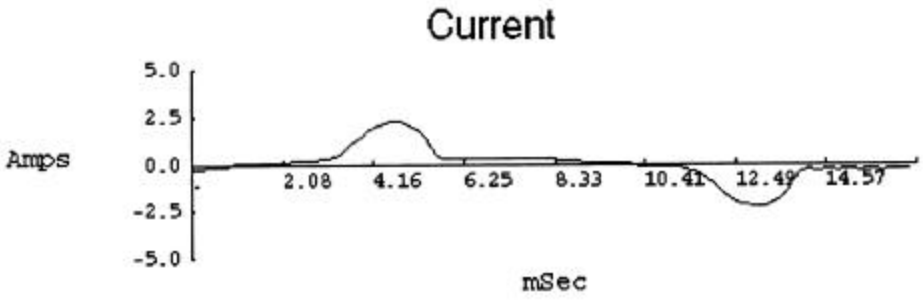


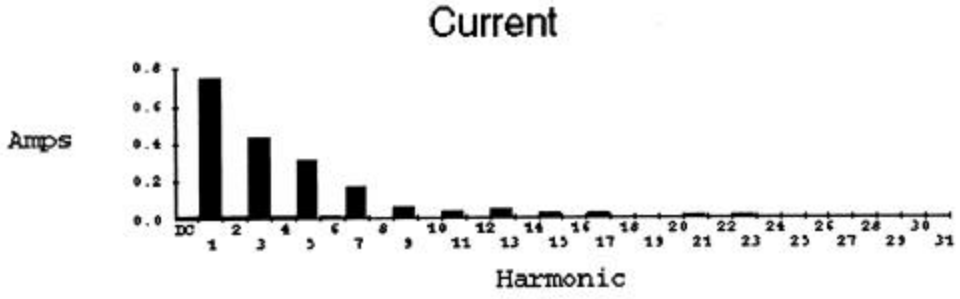


Stereo
Model Kenwood KR-A3070
Ratings - 120V, 120W

Low Voltage Condition

			Voltage	Current
Frequency	60.04	RMS	108.36	0.94
Power		Peak	150.99	2.33
Watts	78.10	DC Offset	0.11	-0.01
VA	102.14	Crest	1.39	2.47
Vars	20.02	THD Rms	2.20	60.49
Peak W	353.46	THD Fund	2.20	75.96
Phase	15° lag	HRMS	2.39	0.57
Total PF	0.77	KFactor		8.63
DPF	0.97			

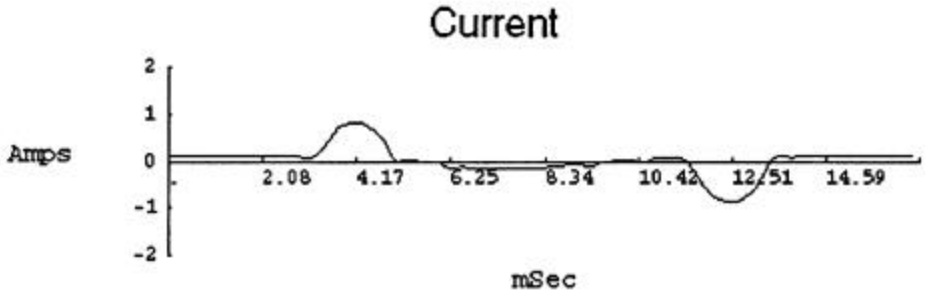


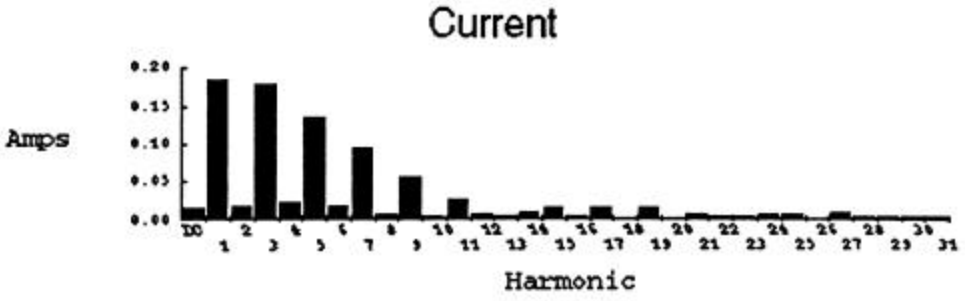


Satellite Dish Receiver
Model - Echostar 3000
Ratings - 117V, 45W

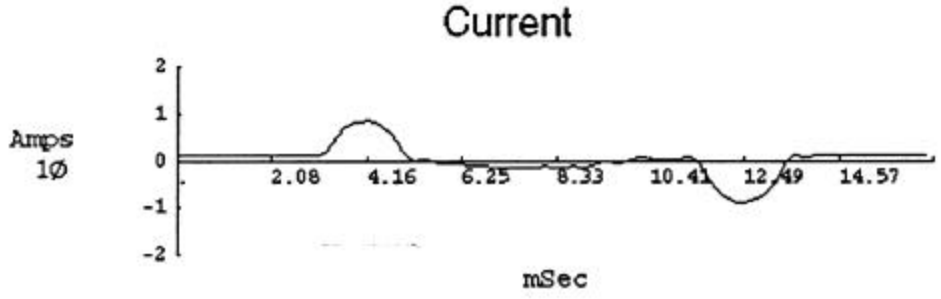
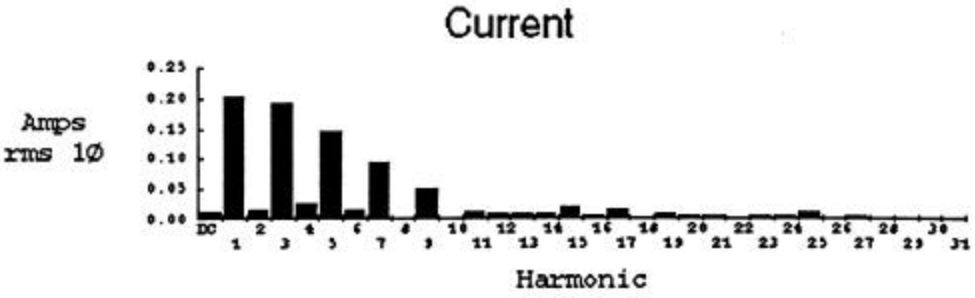
Normal Voltage Condition

			Voltage	Current
Frequency	59.98	RMS	120.00	0.32
Power		Peak	168.38	0.87
Watts	19.00	DC Offset	0.23	0.01
VA	37.00	Crest	1.4	2.77
Vars	9.00	THD Rms	1.36	81.13
Peak W	151.00	THD Fund	1.36	138.80
Phase	25° lead	HRMS	1.64	0.25
Total PF	0.53	KFactor		20.25
DPF	0.90			





Satellite Dish Receiver
Model - Echostar 3000
Ratings - 117V, 45W

Low Voltage Condition

			Voltage	Current
Frequency	60.04	RMS	108.50	0.34
Power		Peak	152.01	0.91
Watts	20.00	DC Offset	0.16	0.01
VA	36.00	Crest	1.4	2.69
Vars	8.00	THD Rms	1.46	79.79
Peak W	142.00	THD Fund	1.46	132.35
Phase	23° lead	HRMS	1.58	0.27
Total PF	0.55	KFactor		17.51
DPF	0.92