

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0003

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 10:55:47

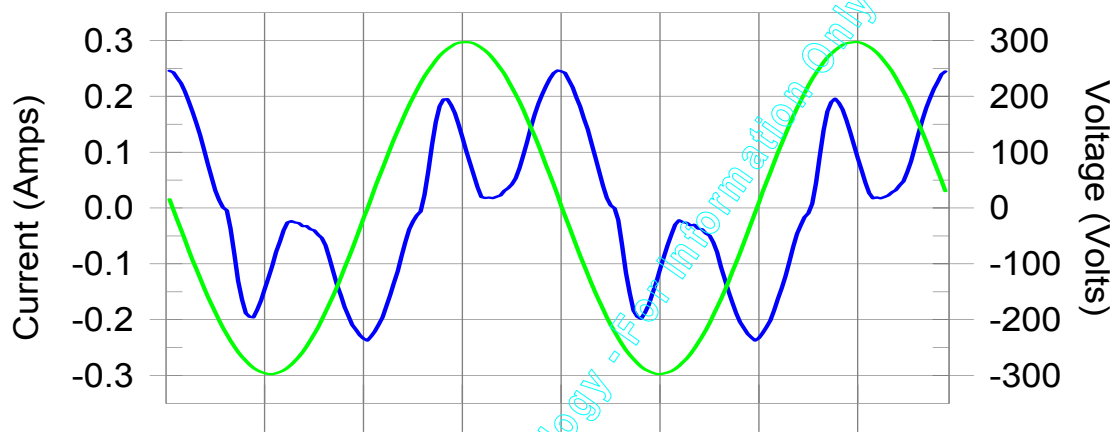
Start time: 10:53:25

Data file name: H-000367.cts\_data

Test Result: Pass

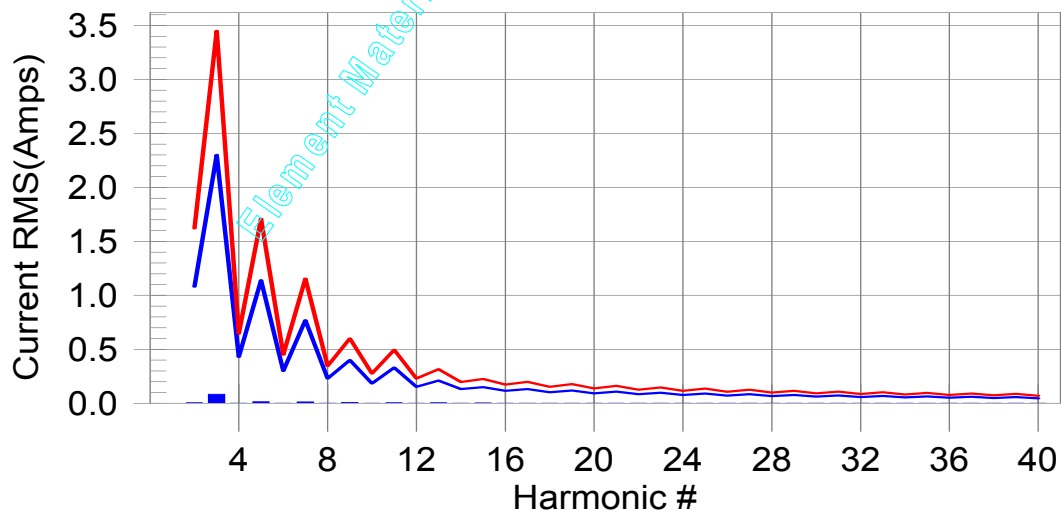
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 3.63% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0003  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 10:53:25  
End time: 10:55:47  
Data file name: H-000367.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.09 I-THD(%): 80.96 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 210.16  
I\_Peak (Amps): 0.251  
I\_Fund (Amps): 0.108  
Power (Watts): 12.5  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.140  
Crest Factor: 1.822  
Power Factor: 0.441

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.22	Pass
3	0.084	2.300	3.6	0.084	3.450	2.44	Pass
4	0.002	0.430	0.4	0.002	0.645	0.29	Pass
5	0.013	1.140	1.2	0.014	1.710	0.79	Pass
6	0.001	0.300	0.3	0.001	0.450	0.21	Pass
7	0.013	0.770	1.7	0.013	1.155	1.14	Pass
8	0.000	0.230	0.2	0.001	0.345	0.18	Pass
9	0.007	0.400	1.8	0.007	0.600	1.20	Pass
10	0.000	0.184	0.3	0.001	0.276	0.20	Pass
11	0.004	0.330	1.1	0.004	0.495	0.76	Pass
12	0.000	0.153	0.3	0.000	0.230	0.21	Pass
13	0.004	0.210	2.1	0.004	0.315	1.42	Pass
14	0.000	0.131	0.2	0.000	0.197	0.13	Pass
15	0.002	0.150	1.4	0.002	0.225	0.93	Pass
16	0.000	0.115	0.2	0.000	0.173	0.16	Pass
17	0.001	0.132	1.0	0.001	0.199	0.64	Pass
18	0.000	0.102	0.2	0.000	0.153	0.14	Pass
19	0.001	0.118	1.1	0.001	0.178	0.74	Pass
20	0.000	0.092	0.2	0.000	0.138	0.16	Pass
21	0.001	0.107	1.0	0.001	0.161	0.67	Pass
22	0.000	0.084	0.2	0.000	0.125	0.11	Pass
23	0.000	0.098	0.3	0.000	0.147	0.23	Pass
24	0.000	0.077	0.2	0.000	0.115	0.15	Pass
25	0.001	0.090	0.7	0.001	0.135	0.46	Pass
26	0.000	0.071	0.2	0.000	0.106	0.13	Pass
27	0.000	0.083	0.6	0.000	0.125	0.39	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.000	0.078	0.3	0.000	0.116	0.21	Pass
30	0.000	0.061	0.2	0.000	0.092	0.17	Pass
31	0.000	0.073	0.5	0.000	0.109	0.33	Pass
32	0.000	0.058	0.3	0.000	0.086	0.25	Pass
33	0.000	0.068	0.6	0.000	0.102	0.38	Pass
34	0.000	0.054	0.2	0.000	0.081	0.16	Pass
35	0.000	0.064	0.2	0.000	0.096	0.17	Pass
36	0.000	0.051	0.2	0.000	0.077	0.16	Pass
37	0.000	0.061	0.3	0.000	0.091	0.23	Pass
38	0.000	0.048	0.2	0.000	0.073	0.15	Pass
39	0.000	0.058	0.5	0.000	0.087	0.31	Pass
40	0.000	0.046	0.2	0.000	0.069	0.18	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0003  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 10:53:25  
End time: 10:55:47  
Data file name: H-000367.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 210.16  
I\_Peak (Amps): 0.251  
I\_Fund (Amps): 0.108  
Power (Watts): 12.5  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.140  
Crest Factor: 1.822  
Power Factor: 0.441

Harm#	Harmonics V-rms	Limit V-rms	% of Limit	Status
2	0.132	0.420	31.39	OK
3	0.363	1.890	19.22	OK
4	0.053	0.420	12.62	OK
5	0.052	0.840	6.23	OK
6	0.024	0.420	5.67	OK
7	0.035	0.630	5.53	OK
8	0.018	0.420	4.39	OK
9	0.014	0.420	3.23	OK
10	0.015	0.420	3.55	OK
11	0.022	0.210	10.30	OK
12	0.013	0.210	6.42	OK
13	0.015	0.210	7.20	OK
14	0.012	0.210	5.79	OK
15	0.007	0.210	3.45	OK
16	0.014	0.210	6.70	OK
17	0.007	0.210	3.33	OK
18	0.009	0.210	4.07	OK
19	0.006	0.210	2.68	OK
20	0.009	0.210	4.23	OK
21	0.007	0.210	3.25	OK
22	0.007	0.210	3.11	OK
23	0.004	0.210	2.06	OK
24	0.005	0.210	2.58	OK
25	0.006	0.210	2.76	OK
26	0.008	0.210	3.74	OK
27	0.005	0.210	2.38	OK
28	0.005	0.210	2.61	OK
29	0.005	0.210	2.33	OK
30	0.004	0.210	2.12	OK
31	0.003	0.210	1.50	OK
32	0.004	0.210	1.99	OK
33	0.005	0.210	2.25	OK
34	0.002	0.210	0.99	OK
35	0.003	0.210	1.36	OK
36	0.002	0.210	1.05	OK
37	0.003	0.210	1.51	OK
38	0.002	0.210	1.15	OK
39	0.002	0.210	1.14	OK
40	0.008	0.210	4.02	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0003

Customer: AGD

Tested by: DS

Test Margin: 100

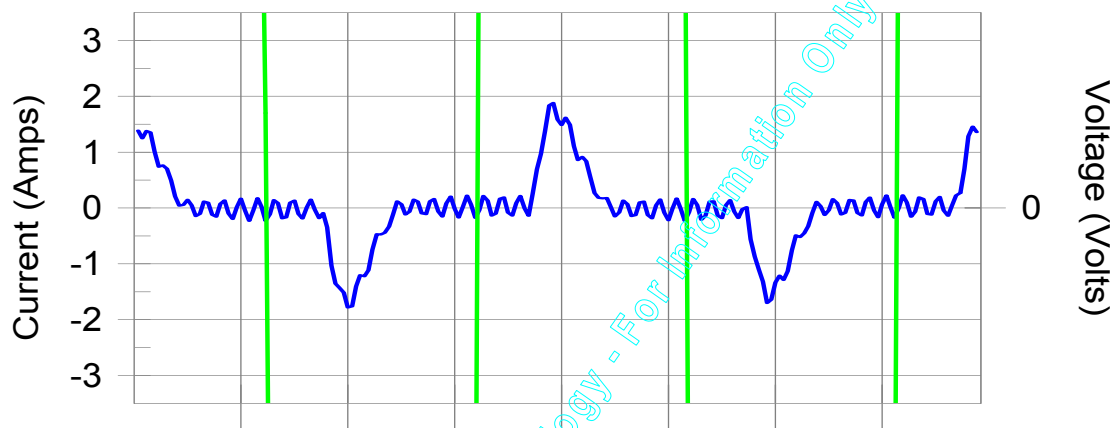
End time: 14:23:59

Data file name: H-000397.cts\_data

Test Result: Pass

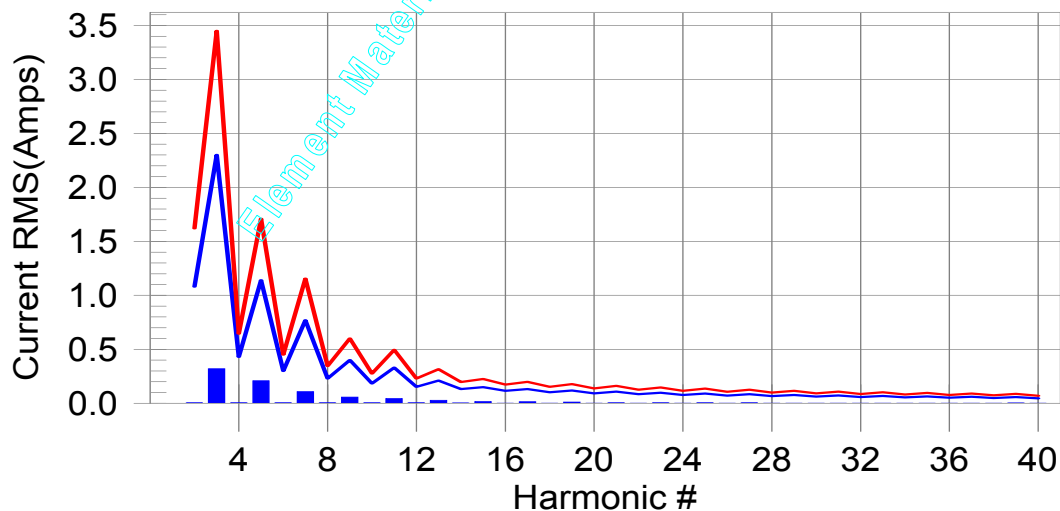
Source qualification: Distorted

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #5 with 18.30% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 14:21:37 End time: 14:23:59  
Test duration (min): 2 Data file name: H-000397.cts\_data  
Comment: Serial: 108402-0003  
Customer: AGD

Test Result: Pass Source qualification: Distorted  
THC(A): 0.40 I-THD(%): 103.12 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 24.11 Frequency(Hz): 50.00  
I\_Peak (Amps): 1.966 I\_RMS (Amps): 0.591  
I\_Fund (Amps): 0.397 Crest Factor: 3.341  
Power (Watts): 9.2 Power Factor: 0.659

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.25	Pass
3	0.318	2.300	13.8	0.320	3.450	9.26	Pass
4	0.004	0.430	1.0	0.005	0.645	0.79	Pass
5	0.209	1.140	18.3	0.209	1.710	12.23	Pass
6	0.004	0.300	1.4	0.005	0.450	1.00	Pass
7	0.107	0.770	13.9	0.108	1.155	9.32	Pass
8	0.004	0.230	1.6	0.004	0.345	1.21	Pass
9	0.057	0.400	14.3	0.057	0.600	9.58	Pass
10	0.003	0.184	1.8	0.004	0.276	1.35	Pass
11	0.044	0.330	13.5	0.045	0.495	9.00	Pass
12	0.003	0.153	1.8	0.003	0.230	1.38	Pass
13	0.028	0.210	13.4	0.028	0.315	9.00	Pass
14	0.002	0.131	1.7	0.003	0.197	1.27	Pass
15	0.015	0.150	10.3	0.016	0.225	6.93	Pass
16	0.002	0.115	1.5	0.002	0.173	1.15	Pass
17	0.015	0.132	11.2	0.015	0.199	7.48	Pass
18	0.001	0.102	1.4	0.002	0.153	1.12	Pass
19	0.011	0.118	9.0	0.011	0.178	6.02	Pass
20	0.001	0.092	1.4	0.001	0.138	1.04	Pass
21	0.004	0.107	4.0	0.004	0.161	2.79	Pass
22	0.001	0.084	1.3	0.001	0.125	1.00	Pass
23	0.005	0.098	4.8	0.005	0.147	3.32	Pass
24	0.001	0.077	1.2	0.001	0.115	0.90	Pass
25	0.005	0.090	5.2	0.005	0.135	3.64	Pass
26	0.001	0.071	1.1	0.001	0.106	0.83	Pass
27	0.003	0.083	3.8	0.003	0.125	2.65	Pass
28	0.001	0.066	1.1	0.001	0.099	0.83	Pass
29	0.002	0.078	2.4	0.002	0.116	1.64	Pass
30	0.001	0.061	1.5	0.001	0.092	1.10	Pass
31	0.001	0.073	1.8	0.001	0.109	1.29	Pass
32	0.001	0.058	1.1	0.001	0.086	0.82	Pass
33	0.001	0.068	2.1	0.002	0.102	1.47	Pass
34	0.001	0.054	1.2	0.001	0.081	0.91	Pass
35	0.001	0.064	2.3	0.002	0.096	1.61	Pass
36	0.001	0.051	1.5	0.001	0.077	1.10	Pass
37	0.001	0.061	2.3	0.001	0.091	1.61	Pass
38	0.001	0.048	2.0	0.001	0.073	1.42	Pass
39	0.002	0.058	4.3	0.003	0.087	2.89	Pass
40	0.001	0.046	2.0	0.001	0.069	1.55	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0003  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 14:21:37  
End time: 14:23:59  
Data file name: H-000397.cts\_data

Test Result: Pass Source qualification: Distorted

Highest parameter values during test:

Voltage (Vrms): 24.11	Frequency(Hz): 50.00
I_Peak (Amps): 1.966	I_RMS (Amps): 0.591
I_Fund (Amps): 0.397	Crest Factor: 3.341
Power (Watts): 9.2	Power Factor: 0.659

Harm#	Harmonics V-rms	Limit V-rms	% of Limit	Status
2	0.074	0.048	153.37	Dist.
3	0.175	0.216	81.08	OK
4	0.047	0.048	97.78	OK
5	0.074	0.096	76.83	OK
6	0.019	0.048	38.58	OK
7	0.044	0.072	61.34	OK
8	0.007	0.048	15.26	OK
9	0.021	0.048	44.24	OK
10	0.014	0.048	28.37	OK
11	0.021	0.024	86.70	OK
12	0.008	0.024	34.26	OK
13	0.015	0.024	63.08	OK
14	0.002	0.024	8.55	OK
15	0.010	0.024	43.57	OK
16	0.005	0.024	19.32	OK
17	0.010	0.024	42.04	OK
18	0.007	0.024	29.07	OK
19	0.008	0.024	34.31	OK
20	0.006	0.024	25.45	OK
21	0.005	0.024	20.31	OK
22	0.002	0.024	8.34	OK
23	0.005	0.024	20.47	OK
24	0.003	0.024	12.06	OK
25	0.005	0.024	20.50	OK
26	0.002	0.024	9.91	OK
27	0.004	0.024	16.62	OK
28	0.001	0.024	5.96	OK
29	0.004	0.024	15.70	OK
30	0.001	0.024	6.05	OK
31	0.003	0.024	10.69	OK
32	0.001	0.024	6.02	OK
33	0.003	0.024	11.08	OK
34	0.002	0.024	7.22	OK
35	0.002	0.024	9.79	OK
36	0.002	0.024	8.92	OK
37	0.002	0.024	10.40	OK
38	0.002	0.024	7.37	OK
39	0.002	0.024	7.90	OK
40	0.006	0.024	23.96	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0005

Customer: AGD

Tested by: DS

Test Margin: 100

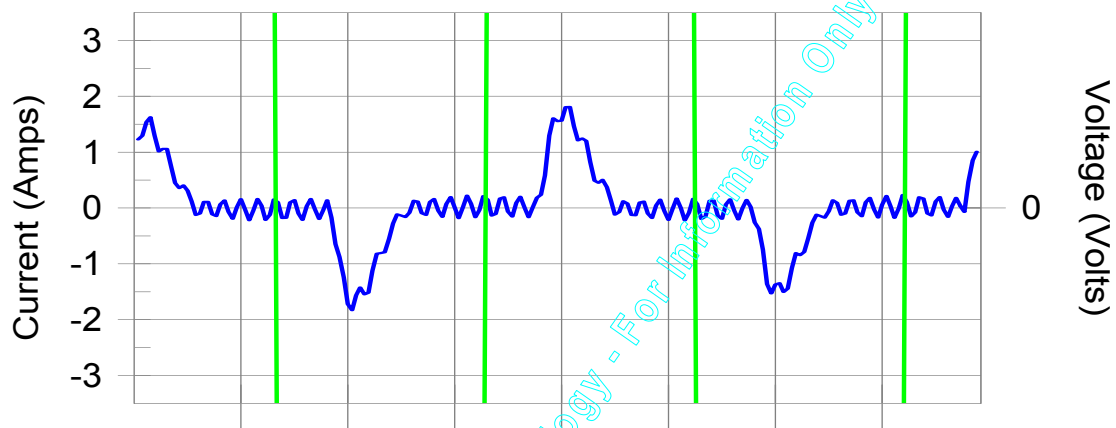
End time: 14:16:28

Data file name: H-000396.cts\_data

Test Result: Pass

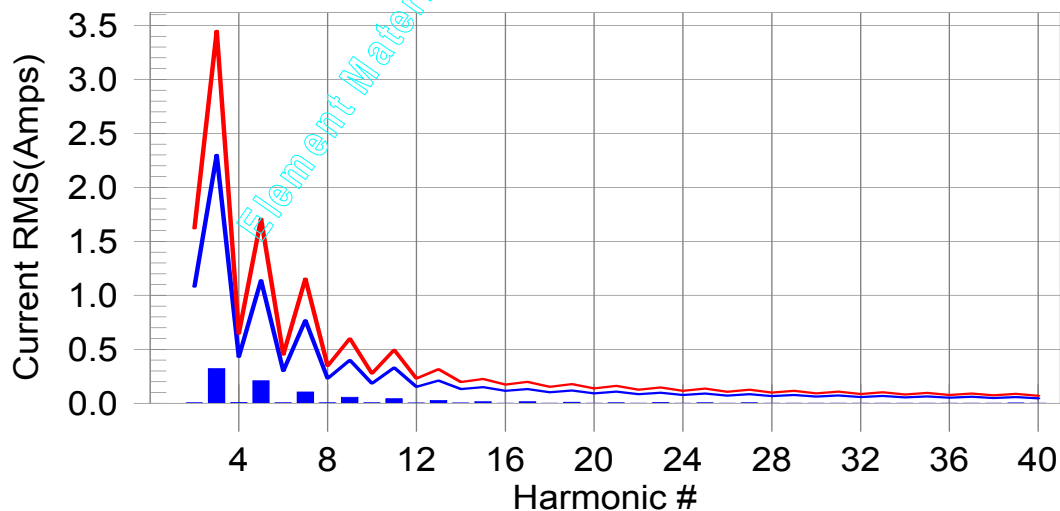
Source qualification: Distorted

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #5 with 18.19% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 14:14:07 End time: 14:16:28  
Test duration (min): 2 Data file name: H-000396.cts\_data  
Comment: Serial: 108402-0005  
Customer: AGD

Test Result: Pass Source qualification: Distorted  
THC(A): 0.40 I-THD(%): 102.13 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 24.11 Frequency(Hz): 50.00  
I\_Peak (Amps): 1.943 I\_RMS (Amps): 0.591  
I\_Fund (Amps): 0.401 Crest Factor: 3.302  
Power (Watts): 9.2 Power Factor: 0.661

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.25	Pass
3	0.319	2.300	13.9	0.321	3.450	9.30	Pass
4	0.004	0.430	1.0	0.005	0.645	0.82	Pass
5	0.207	1.140	18.2	0.208	1.710	12.18	Pass
6	0.004	0.300	1.3	0.005	0.450	1.07	Pass
7	0.105	0.770	13.6	0.105	1.155	9.13	Pass
8	0.004	0.230	1.6	0.004	0.345	1.20	Pass
9	0.055	0.400	13.9	0.056	0.600	9.30	Pass
10	0.003	0.184	1.8	0.004	0.276	1.31	Pass
11	0.043	0.330	13.1	0.043	0.495	8.75	Pass
12	0.003	0.153	1.8	0.003	0.230	1.34	Pass
13	0.027	0.210	12.6	0.027	0.315	8.48	Pass
14	0.002	0.131	1.7	0.003	0.197	1.28	Pass
15	0.015	0.150	9.7	0.015	0.225	6.53	Pass
16	0.002	0.115	1.5	0.002	0.173	1.16	Pass
17	0.014	0.132	11.0	0.015	0.199	7.35	Pass
18	0.001	0.102	1.4	0.002	0.153	1.11	Pass
19	0.010	0.118	8.6	0.010	0.178	5.76	Pass
20	0.001	0.092	1.4	0.001	0.138	1.01	Pass
21	0.005	0.107	4.3	0.005	0.161	2.95	Pass
22	0.001	0.084	1.3	0.001	0.125	0.98	Pass
23	0.005	0.098	5.2	0.005	0.147	3.56	Pass
24	0.001	0.077	1.1	0.001	0.115	0.85	Pass
25	0.005	0.090	5.1	0.005	0.135	3.53	Pass
26	0.001	0.071	0.9	0.001	0.106	0.69	Pass
27	0.003	0.083	3.8	0.003	0.125	2.61	Pass
28	0.001	0.066	0.9	0.001	0.099	0.68	Pass
29	0.002	0.078	2.2	0.002	0.116	1.62	Pass
30	0.001	0.061	1.4	0.001	0.092	1.03	Pass
31	0.001	0.073	1.1	0.001	0.109	0.82	Pass
32	0.001	0.058	0.9	0.001	0.086	0.67	Pass
33	0.001	0.068	2.1	0.002	0.102	1.55	Pass
34	0.001	0.054	1.0	0.001	0.081	0.74	Pass
35	0.002	0.064	2.5	0.002	0.096	1.78	Pass
36	0.001	0.051	1.3	0.001	0.077	0.99	Pass
37	0.001	0.061	2.0	0.001	0.091	1.41	Pass
38	0.001	0.048	1.8	0.001	0.073	1.37	Pass
39	0.002	0.058	3.6	0.002	0.087	2.45	Pass
40	0.001	0.046	1.9	0.001	0.069	1.43	Pass



### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0005  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 14:14:07  
End time: 14:16:28  
Data file name: H-000396.cts\_data

Test Result: Pass Source qualification: Distorted

Highest parameter values during test:

Voltage (Vrms):	24.11	Frequency(Hz):	50.00
I_Peak (Amps):	1.943	I_RMS (Amps):	0.591
I_Fund (Amps):	0.401	Crest Factor:	3.302
Power (Watts):	9.2	Power Factor:	0.661

Harm#	Harmonics V-rms	Limit V-rms	% of Limit	Status
2	0.074	0.048	154.27	Dist.
3	0.182	0.217	83.76	OK
4	0.048	0.048	99.11	OK
5	0.083	0.096	86.49	OK
6	0.019	0.048	39.22	OK
7	0.052	0.072	72.39	OK
8	0.009	0.048	18.20	OK
9	0.025	0.048	51.88	OK
10	0.014	0.048	29.57	OK
11	0.026	0.024	106.16	Marg.
12	0.009	0.024	36.65	OK
13	0.017	0.024	70.90	OK
14	0.003	0.024	10.90	OK
15	0.012	0.024	50.33	OK
16	0.005	0.024	22.55	OK
17	0.012	0.024	50.27	OK
18	0.007	0.024	29.52	OK
19	0.010	0.024	39.70	OK
20	0.006	0.024	26.24	OK
21	0.006	0.024	26.21	OK
22	0.002	0.024	9.74	OK
23	0.007	0.024	27.62	OK
24	0.003	0.024	14.40	OK
25	0.006	0.024	24.30	OK
26	0.003	0.024	10.54	OK
27	0.005	0.024	21.91	OK
28	0.002	0.024	7.06	OK
29	0.005	0.024	19.34	OK
30	0.002	0.024	7.29	OK
31	0.003	0.024	11.47	OK
32	0.002	0.024	8.01	OK
33	0.003	0.024	12.70	OK
34	0.002	0.024	7.82	OK
35	0.003	0.024	12.64	OK
36	0.003	0.024	11.06	OK
37	0.003	0.024	13.73	OK
38	0.002	0.024	7.53	OK
39	0.002	0.024	9.70	OK
40	0.006	0.024	24.68	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Start time: 14:09:14

Test duration (min): 2

Data file name: H-000395.cts\_data

Comment: Serial: 108402-0004

Customer: AGD

Tested by: DS

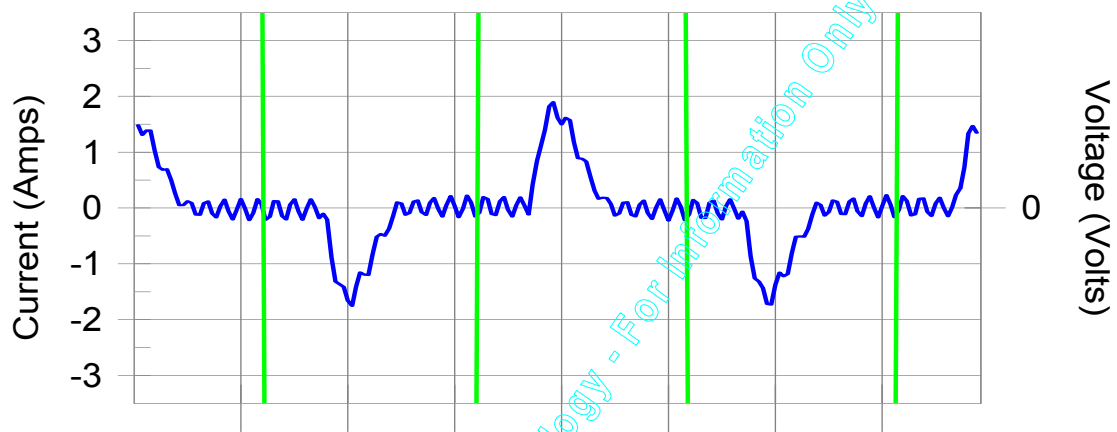
Test Margin: 100

End time: 14:11:35

Test Result: Pass

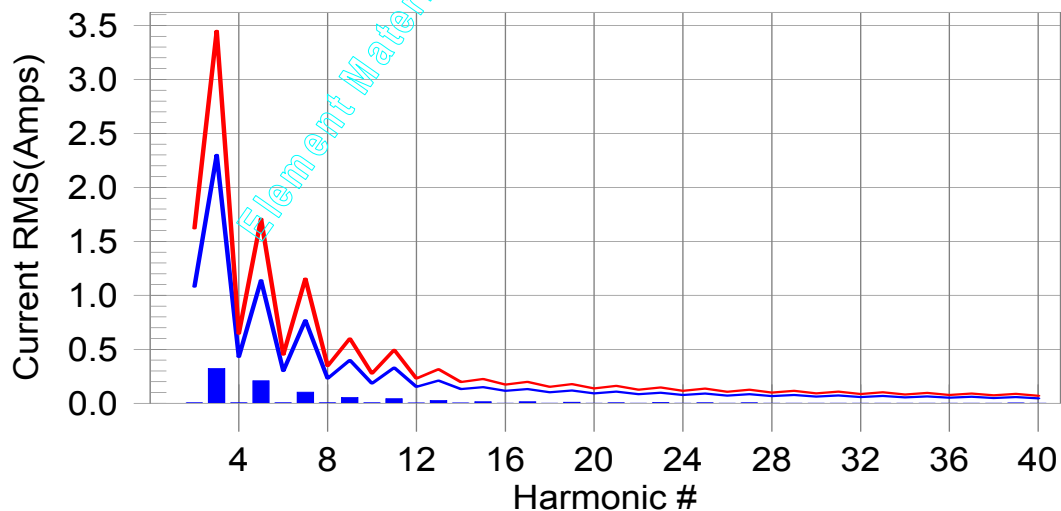
Source qualification: Distorted

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #5 with 18.20% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 14:09:14 End time: 14:11:35  
Test duration (min): 2 Data file name: H-000395.cts\_data  
Comment: Serial: 108402-0004  
Customer: AGD

Test Result: Pass Source qualification: Distorted  
THC(A): 0.40 I-THD(%): 101.38 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 24.11 Frequency(Hz): 50.00  
I\_Peak (Amps): 1.957 I\_RMS (Amps): 0.597  
I\_Fund (Amps): 0.405 Crest Factor: 3.287  
Power (Watts): 9.4 Power Factor: 0.665

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.004	1.080	0.3	0.004	1.620	0.26	Pass
3	0.321	2.300	14.0	0.324	3.450	9.38	Pass
4	0.004	0.430	1.0	0.005	0.645	0.80	Pass
5	0.207	1.140	18.2	0.208	1.710	12.16	Pass
6	0.004	0.300	1.4	0.005	0.450	1.03	Pass
7	0.103	0.770	13.4	0.104	1.155	8.97	Pass
8	0.004	0.230	1.6	0.004	0.345	1.18	Pass
9	0.054	0.400	13.6	0.055	0.600	9.09	Pass
10	0.003	0.184	1.8	0.004	0.276	1.31	Pass
11	0.042	0.330	12.9	0.043	0.495	8.60	Pass
12	0.003	0.153	1.8	0.003	0.230	1.32	Pass
13	0.026	0.210	12.4	0.026	0.315	8.32	Pass
14	0.002	0.131	1.6	0.002	0.197	1.24	Pass
15	0.015	0.150	10.1	0.015	0.225	6.78	Pass
16	0.002	0.115	1.5	0.002	0.173	1.12	Pass
17	0.015	0.132	11.0	0.015	0.199	7.33	Pass
18	0.001	0.102	1.4	0.002	0.153	1.05	Pass
19	0.009	0.118	7.9	0.009	0.178	5.33	Pass
20	0.001	0.092	1.4	0.001	0.138	1.01	Pass
21	0.004	0.107	3.9	0.004	0.161	2.71	Pass
22	0.001	0.084	1.3	0.001	0.125	0.96	Pass
23	0.005	0.098	5.2	0.005	0.147	3.59	Pass
24	0.001	0.077	1.1	0.001	0.115	0.82	Pass
25	0.004	0.090	4.8	0.005	0.135	3.35	Pass
26	0.001	0.071	1.0	0.001	0.106	0.71	Pass
27	0.003	0.083	3.7	0.003	0.125	2.50	Pass
28	0.001	0.066	0.9	0.001	0.099	0.69	Pass
29	0.002	0.078	2.3	0.002	0.116	1.61	Pass
30	0.001	0.061	1.4	0.001	0.092	1.02	Pass
31	0.001	0.073	1.3	0.001	0.109	0.92	Pass
32	0.001	0.058	0.9	0.001	0.086	0.69	Pass
33	0.001	0.068	2.1	0.001	0.102	1.44	Pass
34	0.001	0.054	1.0	0.001	0.081	0.77	Pass
35	0.001	0.064	1.9	0.001	0.096	1.35	Pass
36	0.001	0.051	1.3	0.001	0.077	0.92	Pass
37	0.001	0.061	1.7	0.001	0.091	1.23	Pass
38	0.001	0.048	1.9	0.001	0.073	1.34	Pass
39	0.002	0.058	4.0	0.002	0.087	2.70	Pass
40	0.001	0.046	2.0	0.001	0.069	1.46	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0004  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 14:09:14  
End time: 14:11:35  
Data file name: H-000395.cts\_data

Test Result: Pass Source qualification: Distorted

Highest parameter values during test:

Voltage (Vrms): 24.11	Frequency(Hz): 50.00
I_Peak (Amps): 1.957	I_RMS (Amps): 0.597
I_Fund (Amps): 0.405	Crest Factor: 3.287
Power (Watts): 9.4	Power Factor: 0.665

Harm#	Harmonics V-rms	Limit V-rms	% of Limit	Status
2	0.073	0.048	152.79	Dist.
3	0.175	0.215	81.19	OK
4	0.046	0.048	96.15	OK
5	0.074	0.096	76.89	OK
6	0.018	0.048	36.78	OK
7	0.042	0.072	58.86	OK
8	0.008	0.048	16.81	OK
9	0.020	0.048	42.28	OK
10	0.013	0.048	28.00	OK
11	0.020	0.024	81.64	OK
12	0.008	0.024	33.09	OK
13	0.014	0.024	56.91	OK
14	0.002	0.024	8.19	OK
15	0.010	0.024	40.28	OK
16	0.005	0.024	19.89	OK
17	0.010	0.024	41.02	OK
18	0.006	0.024	26.68	OK
19	0.007	0.024	30.63	OK
20	0.006	0.024	25.22	OK
21	0.005	0.024	20.28	OK
22	0.002	0.024	7.65	OK
23	0.005	0.024	20.96	OK
24	0.003	0.024	11.45	OK
25	0.004	0.024	18.04	OK
26	0.002	0.024	7.91	OK
27	0.004	0.024	15.46	OK
28	0.001	0.024	5.24	OK
29	0.004	0.024	14.83	OK
30	0.001	0.024	5.36	OK
31	0.002	0.024	9.85	OK
32	0.001	0.024	5.06	OK
33	0.002	0.024	9.40	OK
34	0.001	0.024	5.06	OK
35	0.002	0.024	7.95	OK
36	0.002	0.024	8.19	OK
37	0.002	0.024	8.71	OK
38	0.001	0.024	6.11	OK
39	0.002	0.024	6.77	OK
40	0.006	0.024	24.60	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Start time: 14:03:55

Test duration (min): 2

Data file name: H-000394.cts\_data

Comment: Serial: 108402-0002

Customer: AGD

Tested by: DS

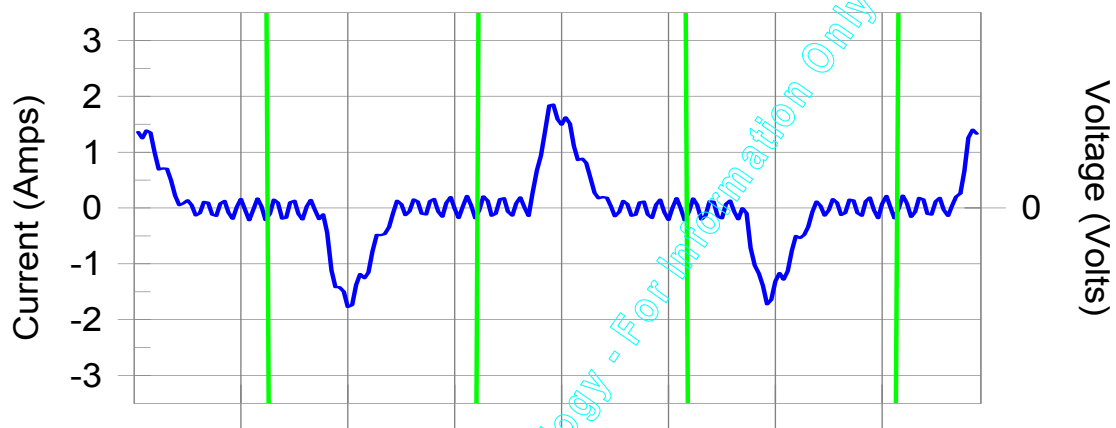
Test Margin: 100

End time: 14:06:17

Test Result: Pass

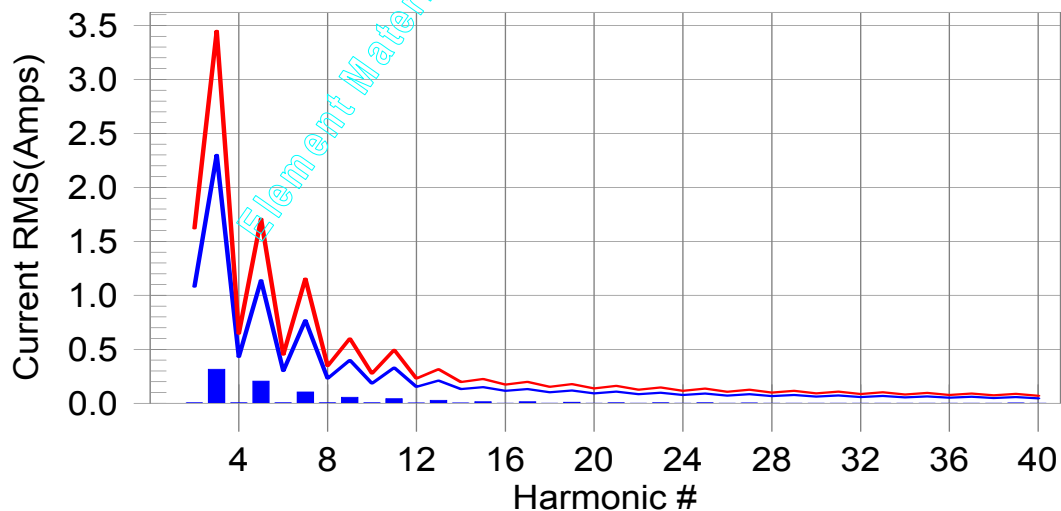
Source qualification: Distorted

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #5 with 18.05% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0002  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 14:03:55  
End time: 14:06:17  
Data file name: H-000394.cts\_data

Test Result: Pass Source qualification: Distorted  
THC(A): 0.40 I-THD(%): 102.55 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 24.11  
I\_Peak (Amps): 1.971  
I\_Fund (Amps): 0.395  
Power (Watts): 9.1  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.592  
Crest Factor: 3.372  
Power Factor: 0.661

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.24	Pass
3	0.315	2.300	13.7	0.316	3.450	9.15	Pass
4	0.004	0.430	1.0	0.005	0.645	0.78	Pass
5	0.206	1.140	18.0	0.206	1.710	12.06	Pass
6	0.004	0.300	1.3	0.005	0.450	1.04	Pass
7	0.105	0.770	13.6	0.105	1.155	9.10	Pass
8	0.004	0.230	1.6	0.004	0.345	1.21	Pass
9	0.055	0.400	13.7	0.055	0.600	9.24	Pass
10	0.003	0.184	1.8	0.004	0.276	1.29	Pass
11	0.043	0.330	13.0	0.043	0.495	8.74	Pass
12	0.003	0.153	1.7	0.003	0.230	1.26	Pass
13	0.027	0.210	12.9	0.027	0.315	8.65	Pass
14	0.002	0.131	1.6	0.002	0.197	1.18	Pass
15	0.015	0.150	9.9	0.015	0.225	6.67	Pass
16	0.002	0.115	1.4	0.002	0.173	1.09	Pass
17	0.014	0.132	10.9	0.015	0.199	7.30	Pass
18	0.001	0.102	1.4	0.002	0.153	1.04	Pass
19	0.010	0.118	8.6	0.010	0.178	5.81	Pass
20	0.001	0.092	1.4	0.001	0.138	0.98	Pass
21	0.004	0.107	3.8	0.004	0.161	2.60	Pass
22	0.001	0.084	1.3	0.001	0.125	0.93	Pass
23	0.004	0.098	4.3	0.004	0.147	3.04	Pass
24	0.001	0.077	1.1	0.001	0.115	0.84	Pass
25	0.004	0.090	4.5	0.004	0.135	3.16	Pass
26	0.001	0.071	0.9	0.001	0.106	0.71	Pass
27	0.003	0.083	3.4	0.003	0.125	2.36	Pass
28	0.001	0.066	0.9	0.001	0.099	0.65	Pass
29	0.002	0.078	2.5	0.002	0.116	1.71	Pass
30	0.001	0.061	1.3	0.001	0.092	0.97	Pass
31	0.001	0.073	1.5	0.001	0.109	1.08	Pass
32	0.000	0.058	0.8	0.001	0.086	0.63	Pass
33	0.001	0.068	2.1	0.002	0.102	1.52	Pass
34	0.001	0.054	0.9	0.001	0.081	0.72	Pass
35	0.002	0.064	2.4	0.002	0.096	1.73	Pass
36	0.001	0.051	1.3	0.001	0.077	0.95	Pass
37	0.001	0.061	2.0	0.001	0.091	1.42	Pass
38	0.001	0.048	1.9	0.001	0.073	1.32	Pass
39	0.002	0.058	3.7	0.002	0.087	2.53	Pass
40	0.001	0.046	2.0	0.001	0.069	1.44	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0002  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 14:03:55  
End time: 14:06:17  
Data file name: H-000394.cts\_data

Test Result: Pass Source qualification: Distorted

Highest parameter values during test:

Voltage (Vrms): 24.11	Frequency(Hz): 50.00
I_Peak (Amps): 1.971	I_RMS (Amps): 0.592
I_Fund (Amps): 0.395	Crest Factor: 3.372
Power (Watts): 9.1	Power Factor: 0.661

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.072	0.048	150.61	Dist.
3		0.162	0.216	75.26	OK
4		0.046	0.048	95.10	OK
5		0.065	0.096	67.14	OK
6		0.017	0.048	36.04	OK
7		0.040	0.072	55.28	OK
8		0.007	0.048	15.46	OK
9		0.019	0.048	40.04	OK
10		0.013	0.048	26.72	OK
11		0.018	0.024	76.99	OK
12		0.007	0.024	29.59	OK
13		0.013	0.024	54.78	OK
14		0.002	0.024	7.67	OK
15		0.009	0.024	35.32	OK
16		0.004	0.024	16.51	OK
17		0.009	0.024	36.38	OK
18		0.006	0.024	25.04	OK
19		0.007	0.024	29.79	OK
20		0.006	0.024	24.69	OK
21		0.004	0.024	16.23	OK
22		0.002	0.024	6.72	OK
23		0.004	0.024	18.05	OK
24		0.002	0.024	8.24	OK
25		0.004	0.024	17.79	OK
26		0.002	0.024	6.26	OK
27		0.003	0.024	13.46	OK
28		0.001	0.024	5.36	OK
29		0.004	0.024	15.37	OK
30		0.001	0.024	4.39	OK
31		0.001	0.024	6.08	OK
32		0.001	0.024	4.46	OK
33		0.002	0.024	9.51	OK
34		0.001	0.024	3.86	OK
35		0.002	0.024	8.74	OK
36		0.001	0.024	4.42	OK
37		0.002	0.024	9.26	OK
38		0.001	0.024	5.52	OK
39		0.001	0.024	5.03	OK
40		0.006	0.024	24.36	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Start time: 13:54:18

Test duration (min): 2

Data file name: H-000393.cts\_data

Comment: Serial: 108402-0001

Customer: AGD

Tested by: DS

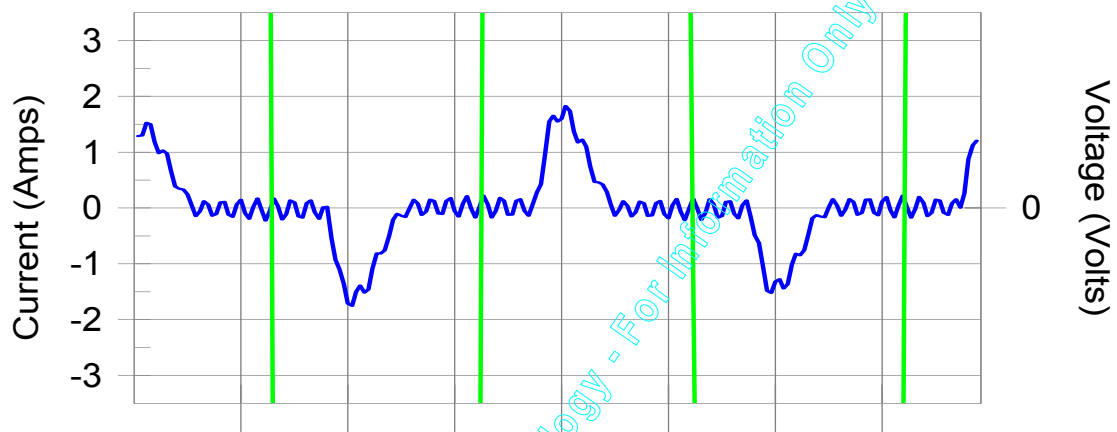
Test Margin: 100

End time: 13:56:39

Test Result: Pass

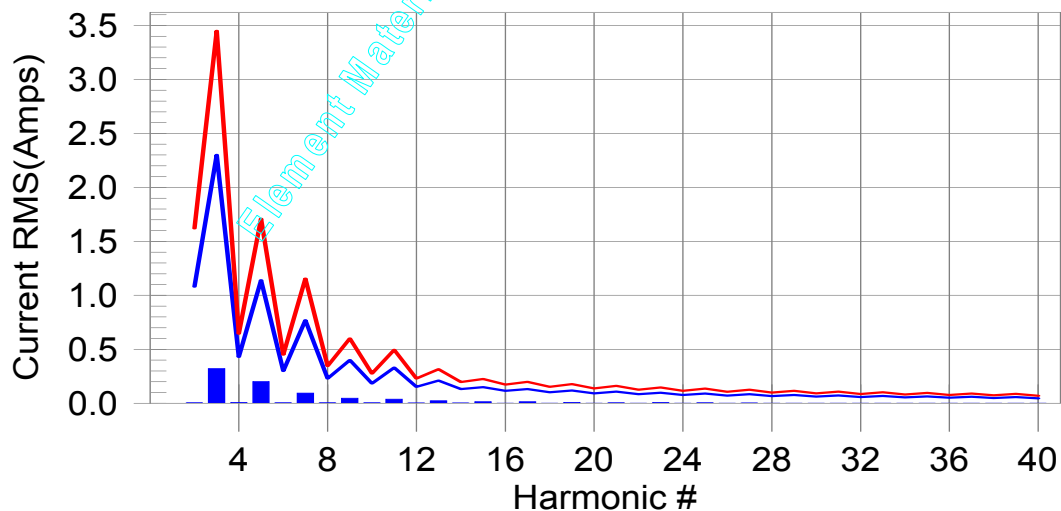
Source qualification: Distorted

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #5 with 17.64% of the limit.



### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0001  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
End time: 13:56:39  
Data file name: H-000393.cts\_data

Test Result: Pass Source qualification: Distorted  
THC(A): 0.39 I-THD(%): 98.93 POHC(A): 0.005 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 24.10  
I\_Peak (Amps): 1.930  
I\_Fund (Amps): 0.407  
Power (Watts): 9.4  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.590  
Crest Factor: 3.271  
Power Factor: 0.677

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.004	1.080	0.3	0.005	1.620	0.28	Pass
3	0.319	2.300	13.9	0.322	3.450	9.32	Pass
4	0.004	0.430	1.0	0.006	0.645	0.92	Pass
5	0.201	1.140	17.6	0.202	1.710	11.80	Pass
6	0.004	0.300	1.3	0.005	0.450	1.11	Pass
7	0.094	0.770	12.3	0.095	1.155	8.19	Pass
8	0.004	0.230	1.5	0.004	0.345	1.21	Pass
9	0.047	0.400	11.7	0.047	0.600	7.83	Pass
10	0.003	0.184	1.6	0.003	0.276	1.26	Pass
11	0.038	0.330	11.4	0.038	0.495	7.61	Pass
12	0.002	0.153	1.6	0.003	0.230	1.23	Pass
13	0.023	0.210	10.9	0.023	0.315	7.27	Pass
14	0.002	0.131	1.4	0.002	0.197	1.14	Pass
15	0.015	0.150	10.0	0.015	0.225	6.74	Pass
16	0.001	0.115	1.3	0.002	0.173	1.02	Pass
17	0.014	0.132	10.6	0.014	0.199	7.09	Pass
18	0.001	0.102	1.3	0.002	0.153	1.00	Pass
19	0.008	0.118	6.7	0.008	0.178	4.46	Pass
20	0.001	0.092	1.2	0.001	0.138	0.98	Pass
21	0.004	0.107	4.0	0.004	0.161	2.72	Pass
22	0.001	0.084	1.1	0.001	0.125	0.88	Pass
23	0.005	0.098	5.3	0.005	0.147	3.56	Pass
24	0.001	0.077	0.9	0.001	0.115	0.74	Pass
25	0.004	0.090	3.9	0.004	0.135	2.66	Pass
26	0.001	0.071	0.8	0.001	0.106	0.63	Pass
27	0.002	0.083	2.9	0.003	0.125	2.04	Pass
28	0.001	0.066	0.8	0.001	0.099	0.59	Pass
29	0.002	0.078	2.0	0.002	0.116	1.39	Pass
30	0.001	0.061	1.4	0.001	0.092	1.01	Pass
31	0.001	0.073	1.1	0.001	0.109	0.79	Pass
32	0.000	0.058	0.8	0.000	0.086	0.58	Pass
33	0.001	0.068	2.0	0.001	0.102	1.40	Pass
34	0.000	0.054	0.9	0.001	0.081	0.65	Pass
35	0.001	0.064	1.7	0.001	0.096	1.15	Pass
36	0.001	0.051	1.2	0.001	0.077	0.88	Pass
37	0.001	0.061	1.7	0.001	0.091	1.17	Pass
38	0.001	0.048	1.7	0.001	0.073	1.25	Pass
39	0.002	0.058	3.1	0.002	0.087	2.08	Pass
40	0.001	0.046	1.7	0.001	0.069	1.27	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0001  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 13:54:18  
End time: 13:56:39  
Data file name: H-000393.cts\_data

Test Result: Pass Source qualification: Distorted

Highest parameter values during test:

Voltage (Vrms): 24.10	Frequency(Hz): 50.00
I_Peak (Amps): 1.930	I_RMS (Amps): 0.590
I_Fund (Amps): 0.407	Crest Factor: 3.271
Power (Watts): 9.4	Power Factor: 0.677

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.073	0.048	152.34	Dist.
3		0.160	0.216	74.15	OK
4		0.047	0.048	97.59	OK
5		0.065	0.096	68.23	OK
6		0.018	0.048	36.67	OK
7		0.040	0.072	55.72	OK
8		0.007	0.048	14.73	OK
9		0.018	0.048	37.24	OK
10		0.013	0.048	27.76	OK
11		0.017	0.024	71.33	OK
12		0.008	0.024	33.46	OK
13		0.012	0.024	51.07	OK
14		0.002	0.024	9.01	OK
15		0.010	0.024	40.88	OK
16		0.004	0.024	17.74	OK
17		0.009	0.024	39.10	OK
18		0.007	0.024	27.75	OK
19		0.007	0.024	27.33	OK
20		0.006	0.024	25.31	OK
21		0.005	0.024	21.01	OK
22		0.002	0.024	7.98	OK
23		0.005	0.024	21.30	OK
24		0.002	0.024	9.91	OK
25		0.004	0.024	17.58	OK
26		0.002	0.024	8.17	OK
27		0.003	0.024	14.62	OK
28		0.001	0.024	4.97	OK
29		0.003	0.024	13.91	OK
30		0.001	0.024	5.79	OK
31		0.002	0.024	8.80	OK
32		0.001	0.024	5.03	OK
33		0.002	0.024	9.84	OK
34		0.001	0.024	5.16	OK
35		0.002	0.024	6.97	OK
36		0.002	0.024	6.39	OK
37		0.002	0.024	9.08	OK
38		0.001	0.024	5.54	OK
39		0.001	0.024	6.23	OK
40		0.006	0.024	25.32	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0001

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 13:50:36

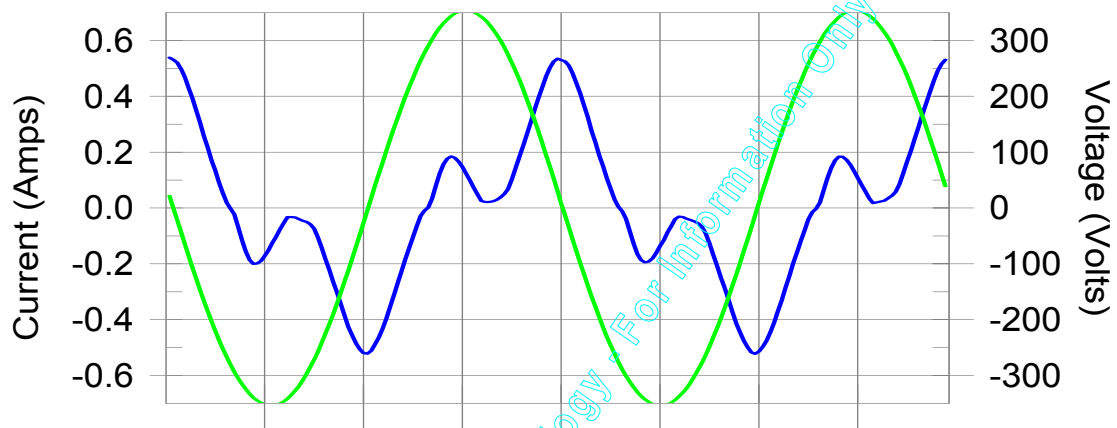
Start time: 13:48:14

Data file name: H-000392.cts\_data

Test Result: Pass

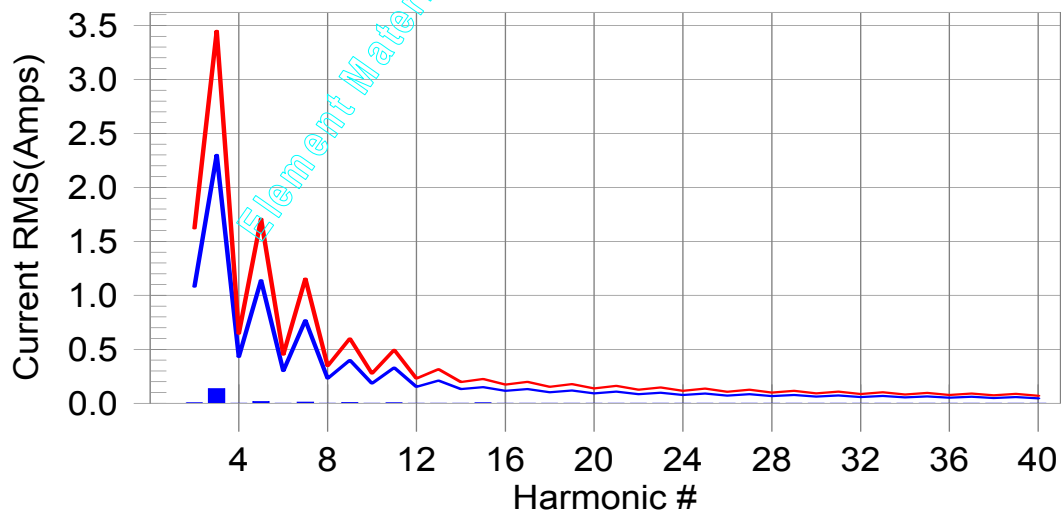
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 5.91% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0001  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
End time: 13:50:36  
Data file name: H-000392.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.14 I-THD(%): 59.59 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 250.14  
I\_Peak (Amps): 0.540  
I\_Fund (Amps): 0.235  
Power (Watts): 15.4  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.273  
Crest Factor: 1.993  
Power Factor: 0.231

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.26	Pass
3	0.136	2.300	5.9	0.137	3.450	3.96	Pass
4	0.002	0.430	0.4	0.002	0.645	0.28	Pass
5	0.017	1.140	1.5	0.017	1.710	1.02	Pass
6	0.001	0.300	0.2	0.001	0.450	0.16	Pass
7	0.012	0.770	1.6	0.012	1.155	1.07	Pass
8	0.000	0.230	0.2	0.001	0.345	0.16	Pass
9	0.006	0.400	1.4	0.006	0.600	0.96	Pass
10	0.000	0.184	0.2	0.000	0.276	0.18	Pass
11	0.004	0.330	1.3	0.004	0.495	0.85	Pass
12	0.000	0.153	0.2	0.000	0.230	0.18	Pass
13	0.002	0.210	0.8	0.002	0.315	0.56	Pass
14	0.000	0.131	0.1	0.000	0.197	0.11	Pass
15	0.004	0.150	2.3	0.004	0.225	1.57	Pass
16	0.000	0.115	0.2	0.000	0.173	0.16	Pass
17	0.002	0.132	1.4	0.002	0.199	0.93	Pass
18	0.000	0.102	0.2	0.000	0.153	0.13	Pass
19	0.001	0.118	0.9	0.001	0.178	0.63	Pass
20	0.000	0.092	0.2	0.000	0.138	0.15	Pass
21	0.001	0.107	1.2	0.001	0.161	0.77	Pass
22	0.000	0.084	0.1	0.000	0.125	0.10	Pass
23	0.001	0.098	0.9	0.001	0.147	0.59	Pass
24	0.000	0.077	0.2	0.000	0.115	0.15	Pass
25	0.001	0.090	0.7	0.001	0.135	0.50	Pass
26	0.000	0.071	0.2	0.000	0.106	0.15	Pass
27	0.000	0.083	0.4	0.000	0.125	0.29	Pass
28	0.000	0.066	0.3	0.000	0.099	0.21	Pass
29	0.001	0.078	1.0	0.001	0.116	0.65	Pass
30	0.000	0.061	0.3	0.000	0.092	0.22	Pass
31	0.000	0.073	0.6	0.000	0.109	0.41	Pass
32	0.000	0.058	0.3	0.000	0.086	0.24	Pass
33	0.000	0.068	0.4	0.000	0.102	0.25	Pass
34	0.000	0.054	0.3	0.000	0.081	0.20	Pass
35	0.000	0.064	0.6	0.000	0.096	0.41	Pass
36	0.000	0.051	0.2	0.000	0.077	0.15	Pass
37	0.000	0.061	0.4	0.000	0.091	0.31	Pass
38	0.000	0.048	0.3	0.000	0.073	0.18	Pass
39	0.000	0.058	0.3	0.000	0.087	0.21	Pass
40	0.000	0.046	0.2	0.000	0.069	0.17	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0001  
Customer: AGD

Tested by: DS  
Test Margin: 100  
Start time: 13:48:14  
End time: 13:50:36  
Data file name: H-000392.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 250.14  
I\_Peak (Amps): 0.540  
I\_Fund (Amps): 0.235  
Power (Watts): 15.4

Frequency(Hz): 50.00  
I\_RMS (Amps): 0.273  
Crest Factor: 1.993  
Power Factor: 0.231

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.172	0.500	34.45	OK
3		0.527	2.250	23.44	OK
4		0.053	0.500	10.59	OK
5		0.060	1.000	6.01	OK
6		0.024	0.500	4.74	OK
7		0.039	0.750	5.24	OK
8		0.015	0.500	2.96	OK
9		0.024	0.500	4.88	OK
10		0.022	0.500	4.36	OK
11		0.019	0.250	7.76	OK
12		0.014	0.250	5.42	OK
13		0.023	0.250	9.01	OK
14		0.008	0.250	3.27	OK
15		0.011	0.250	4.36	OK
16		0.011	0.250	4.40	OK
17		0.009	0.250	3.64	OK
18		0.014	0.250	5.68	OK
19		0.006	0.250	2.32	OK
20		0.016	0.250	6.21	OK
21		0.006	0.250	2.29	OK
22		0.010	0.250	3.92	OK
23		0.005	0.250	2.16	OK
24		0.005	0.250	1.80	OK
25		0.008	0.250	3.02	OK
26		0.007	0.250	2.92	OK
27		0.004	0.250	1.77	OK
28		0.007	0.250	2.61	OK
29		0.005	0.250	1.87	OK
30		0.006	0.250	2.32	OK
31		0.005	0.250	1.86	OK
32		0.006	0.250	2.47	OK
33		0.004	0.250	1.75	OK
34		0.002	0.250	0.98	OK
35		0.002	0.250	0.94	OK
36		0.003	0.250	1.16	OK
37		0.004	0.250	1.44	OK
38		0.003	0.250	1.30	OK
39		0.003	0.250	1.24	OK
40		0.009	0.250	3.46	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0001

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 13:47:30

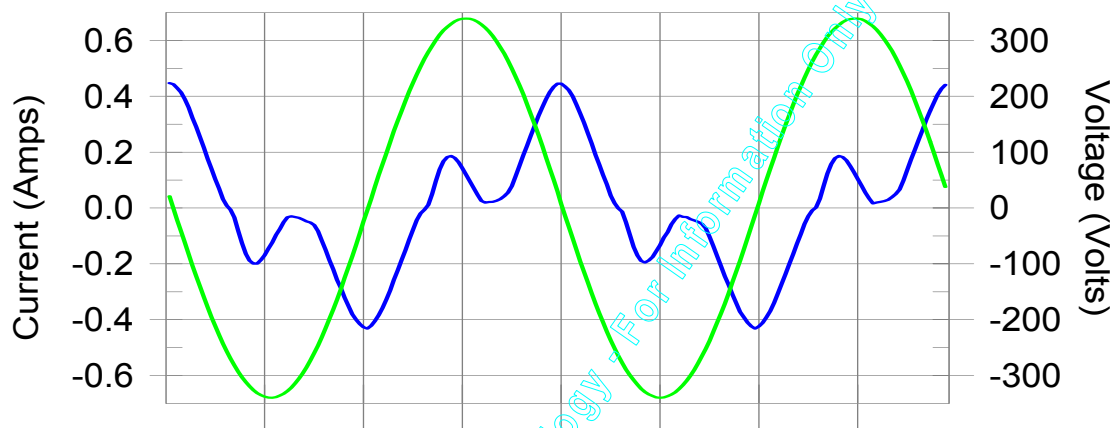
Start time: 13:45:09

Data file name: H-000391.cts\_data

Test Result: Pass

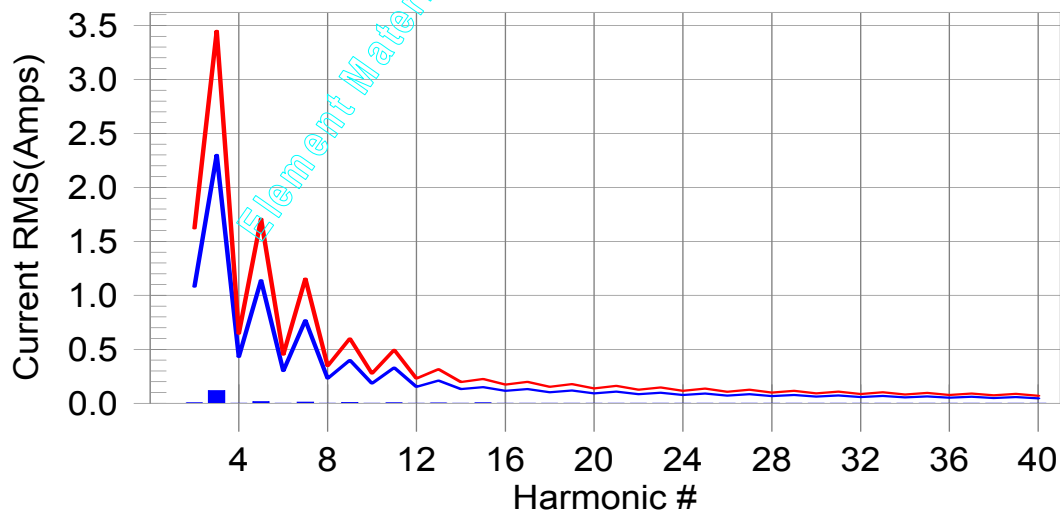
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 5.14% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 13:45:09 End time: 13:47:30  
Test duration (min): 2 Data file name: H-000391.cts\_data  
Comment: Serial: 108402-0001  
Customer: AGD

Test Result: Pass Source qualification: Normal  
THC(A): 0.12 I-THD(%): 62.80 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 240.14 Frequency(Hz): 50.00  
I\_Peak (Amps): 0.448 I\_RMS (Amps): 0.230  
I\_Fund (Amps): 0.195 Crest Factor: 1.966  
Power (Watts): 14.5 Power Factor: 0.271

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.25	Pass
3	0.118	2.300	5.1	0.119	3.450	3.46	Pass
4	0.002	0.430	0.4	0.002	0.645	0.28	Pass
5	0.015	1.140	1.4	0.016	1.710	0.92	Pass
6	0.001	0.300	0.2	0.001	0.450	0.16	Pass
7	0.012	0.770	1.5	0.012	1.155	1.01	Pass
8	0.000	0.230	0.2	0.001	0.345	0.15	Pass
9	0.007	0.400	1.7	0.007	0.600	1.12	Pass
10	0.000	0.184	0.2	0.001	0.276	0.19	Pass
11	0.003	0.330	1.1	0.004	0.495	0.71	Pass
12	0.000	0.153	0.2	0.000	0.230	0.18	Pass
13	0.003	0.210	1.4	0.003	0.315	0.94	Pass
14	0.000	0.131	0.2	0.000	0.197	0.16	Pass
15	0.004	0.150	2.4	0.004	0.225	1.58	Pass
16	0.000	0.115	0.2	0.000	0.173	0.15	Pass
17	0.001	0.132	0.8	0.001	0.199	0.54	Pass
18	0.000	0.102	0.2	0.000	0.153	0.17	Pass
19	0.001	0.118	1.2	0.001	0.178	0.78	Pass
20	0.000	0.092	0.2	0.000	0.138	0.15	Pass
21	0.001	0.107	1.0	0.001	0.161	0.65	Pass
22	0.000	0.084	0.2	0.000	0.125	0.15	Pass
23	0.001	0.098	1.0	0.001	0.147	0.70	Pass
24	0.000	0.077	0.2	0.000	0.115	0.16	Pass
25	0.000	0.090	0.4	0.000	0.135	0.26	Pass
26	0.000	0.071	0.2	0.000	0.106	0.16	Pass
27	0.001	0.083	0.8	0.001	0.125	0.52	Pass
28	0.000	0.066	0.3	0.000	0.099	0.23	Pass
29	0.001	0.078	0.8	0.001	0.116	0.55	Pass
30	0.000	0.061	0.3	0.000	0.092	0.21	Pass
31	0.000	0.073	0.3	0.000	0.109	0.18	Pass
32	0.000	0.058	0.3	0.000	0.086	0.25	Pass
33	0.000	0.068	0.4	0.000	0.102	0.31	Pass
34	0.000	0.054	0.2	0.000	0.081	0.18	Pass
35	0.000	0.064	0.5	0.000	0.096	0.35	Pass
36	0.000	0.051	0.2	0.000	0.077	0.18	Pass
37	0.000	0.061	0.4	0.000	0.091	0.29	Pass
38	0.000	0.048	0.2	0.000	0.073	0.17	Pass
39	0.000	0.058	0.2	0.000	0.087	0.16	Pass
40	0.000	0.046	0.2	0.000	0.069	0.16	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0001  
Customer: AGD

Tested by: DS  
Test Margin: 100  
Start time: 13:45:09  
End time: 13:47:30  
Data file name: H-000391.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 240.14  
I\_Peak (Amps): 0.448  
I\_Fund (Amps): 0.195  
Power (Watts): 14.5

Frequency(Hz): 50.00  
I\_RMS (Amps): 0.230  
Crest Factor: 1.966  
Power Factor: 0.271

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.165	0.480	34.42	OK
3		0.502	2.161	23.22	OK
4		0.053	0.480	11.14	OK
5		0.054	0.961	5.63	OK
6		0.025	0.480	5.19	OK
7		0.036	0.720	5.05	OK
8		0.016	0.480	3.24	OK
9		0.021	0.480	4.31	OK
10		0.022	0.480	4.52	OK
11		0.022	0.240	9.05	OK
12		0.013	0.240	5.37	OK
13		0.023	0.240	9.50	OK
14		0.008	0.240	3.17	OK
15		0.009	0.240	3.58	OK
16		0.013	0.240	5.48	OK
17		0.008	0.240	3.32	OK
18		0.013	0.240	5.44	OK
19		0.006	0.240	2.63	OK
20		0.015	0.240	6.20	OK
21		0.007	0.240	2.85	OK
22		0.007	0.240	3.10	OK
23		0.006	0.240	2.36	OK
24		0.004	0.240	1.81	OK
25		0.006	0.240	2.47	OK
26		0.008	0.240	3.32	OK
27		0.005	0.240	2.14	OK
28		0.007	0.240	2.87	OK
29		0.005	0.240	2.23	OK
30		0.006	0.240	2.44	OK
31		0.004	0.240	1.58	OK
32		0.005	0.240	1.93	OK
33		0.004	0.240	1.84	OK
34		0.003	0.240	1.06	OK
35		0.003	0.240	1.25	OK
36		0.003	0.240	1.42	OK
37		0.004	0.240	1.51	OK
38		0.003	0.240	1.07	OK
39		0.003	0.240	1.11	OK
40		0.008	0.240	3.54	OK



## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0001

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 13:44:26

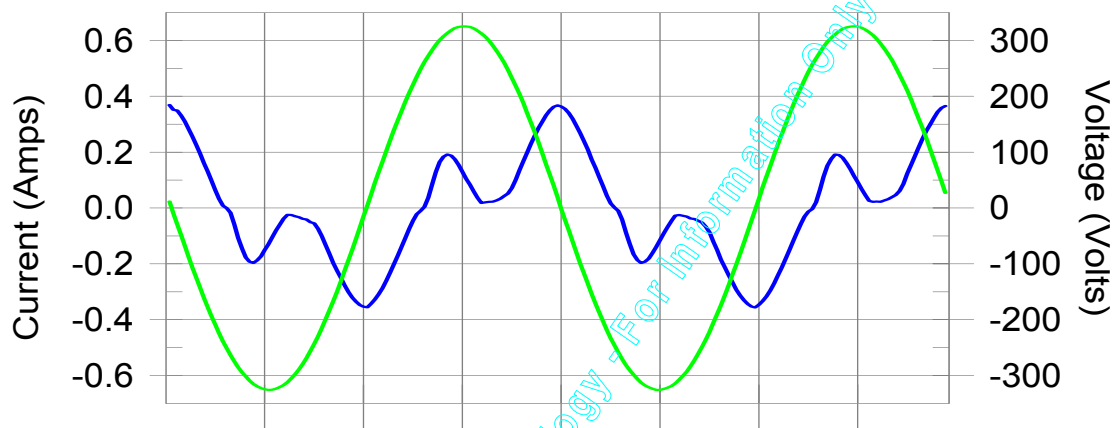
Start time: 13:42:04

Data file name: H-000390.cts\_data

Test Result: Pass

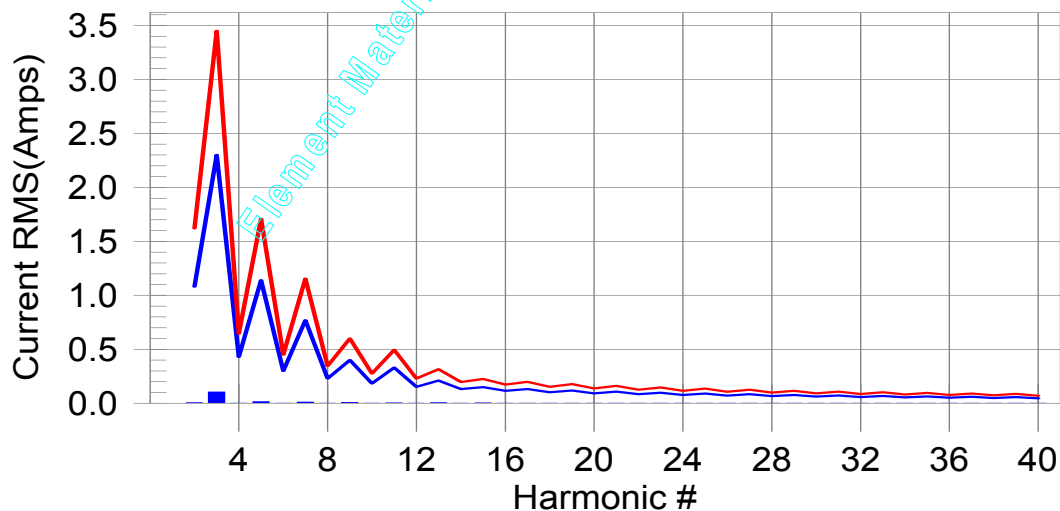
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 4.54% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 13:42:04 End time: 13:44:26  
Test duration (min): 2 Data file name: H-000390.cts\_data  
Comment: Serial: 108402-0001  
Customer: AGD

Test Result: Pass Source qualification: Normal  
THC(A): 0.11 I-THD(%): 67.31 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 230.15 Frequency(Hz): 50.00  
I\_Peak (Amps): 0.371 I\_RMS (Amps): 0.194  
I\_Fund (Amps): 0.161 Crest Factor: 1.935  
Power (Watts): 13.8 Power Factor: 0.318

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.26	Pass
3	0.104	2.300	4.5	0.106	3.450	3.06	Pass
4	0.002	0.430	0.4	0.002	0.645	0.29	Pass
5	0.015	1.140	1.3	0.015	1.710	0.88	Pass
6	0.001	0.300	0.2	0.001	0.450	0.17	Pass
7	0.011	0.770	1.5	0.012	1.155	1.00	Pass
8	0.000	0.230	0.2	0.000	0.345	0.14	Pass
9	0.008	0.400	1.9	0.008	0.600	1.28	Pass
10	0.001	0.184	0.3	0.001	0.276	0.20	Pass
11	0.003	0.330	0.8	0.003	0.495	0.54	Pass
12	0.000	0.153	0.2	0.000	0.230	0.16	Pass
13	0.004	0.210	1.9	0.004	0.315	1.27	Pass
14	0.000	0.131	0.2	0.000	0.197	0.16	Pass
15	0.003	0.150	1.9	0.003	0.225	1.31	Pass
16	0.000	0.115	0.2	0.000	0.173	0.12	Pass
17	0.001	0.132	0.8	0.001	0.199	0.53	Pass
18	0.000	0.102	0.2	0.000	0.153	0.17	Pass
19	0.001	0.118	1.0	0.001	0.178	0.67	Pass
20	0.000	0.092	0.1	0.000	0.138	0.11	Pass
21	0.001	0.107	1.1	0.001	0.161	0.72	Pass
22	0.000	0.084	0.2	0.000	0.125	0.16	Pass
23	0.001	0.098	0.9	0.001	0.147	0.61	Pass
24	0.000	0.077	0.2	0.000	0.115	0.13	Pass
25	0.000	0.090	0.4	0.000	0.135	0.28	Pass
26	0.000	0.071	0.2	0.000	0.106	0.17	Pass
27	0.001	0.083	0.9	0.001	0.125	0.59	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.000	0.078	0.5	0.000	0.116	0.35	Pass
30	0.000	0.061	0.3	0.000	0.092	0.21	Pass
31	0.000	0.073	0.2	0.000	0.109	0.17	Pass
32	0.000	0.058	0.3	0.000	0.086	0.25	Pass
33	0.000	0.068	0.4	0.000	0.102	0.28	Pass
34	0.000	0.054	0.3	0.000	0.081	0.19	Pass
35	0.000	0.064	0.5	0.000	0.096	0.36	Pass
36	0.000	0.051	0.2	0.000	0.077	0.16	Pass
37	0.000	0.061	0.3	0.000	0.091	0.21	Pass
38	0.000	0.048	0.2	0.000	0.073	0.15	Pass
39	0.000	0.058	0.4	0.000	0.087	0.27	Pass
40	0.000	0.046	0.2	0.000	0.069	0.17	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0001  
Customer: AGD

Tested by: DS  
Test Margin: 100  
Start time: 13:42:04  
End time: 13:44:26  
Data file name: H-000390.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms):	230.15	Frequency(Hz):	50.00
I_Peak (Amps):	0.371	I_RMS (Amps):	0.194
I_Fund (Amps):	0.161	Crest Factor:	1.935
Power (Watts):	13.8	Power Factor:	0.318

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.163	0.460	35.49	OK
3		0.485	2.071	23.43	OK
4		0.056	0.460	12.22	OK
5		0.057	0.920	6.21	OK
6		0.028	0.460	6.11	OK
7		0.039	0.690	5.68	OK
8		0.018	0.460	3.93	OK
9		0.017	0.460	3.71	OK
10		0.019	0.460	4.18	OK
11		0.024	0.230	10.55	OK
12		0.014	0.230	6.17	OK
13		0.021	0.230	9.32	OK
14		0.009	0.230	3.98	OK
15		0.008	0.230	3.41	OK
16		0.014	0.230	6.06	OK
17		0.008	0.230	3.53	OK
18		0.013	0.230	5.60	OK
19		0.007	0.230	2.97	OK
20		0.012	0.230	5.43	OK
21		0.008	0.230	3.60	OK
22		0.006	0.230	2.55	OK
23		0.005	0.230	2.12	OK
24		0.005	0.230	2.12	OK
25		0.006	0.230	2.53	OK
26		0.008	0.230	3.66	OK
27		0.006	0.230	2.70	OK
28		0.006	0.230	2.80	OK
29		0.005	0.230	2.18	OK
30		0.005	0.230	2.06	OK
31		0.003	0.230	1.47	OK
32		0.005	0.230	2.15	OK
33		0.005	0.230	2.27	OK
34		0.003	0.230	1.21	OK
35		0.003	0.230	1.35	OK
36		0.003	0.230	1.19	OK
37		0.004	0.230	1.61	OK
38		0.002	0.230	1.00	OK
39		0.003	0.230	1.32	OK
40		0.008	0.230	3.69	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0001

Customer: AGD

Tested by: DS

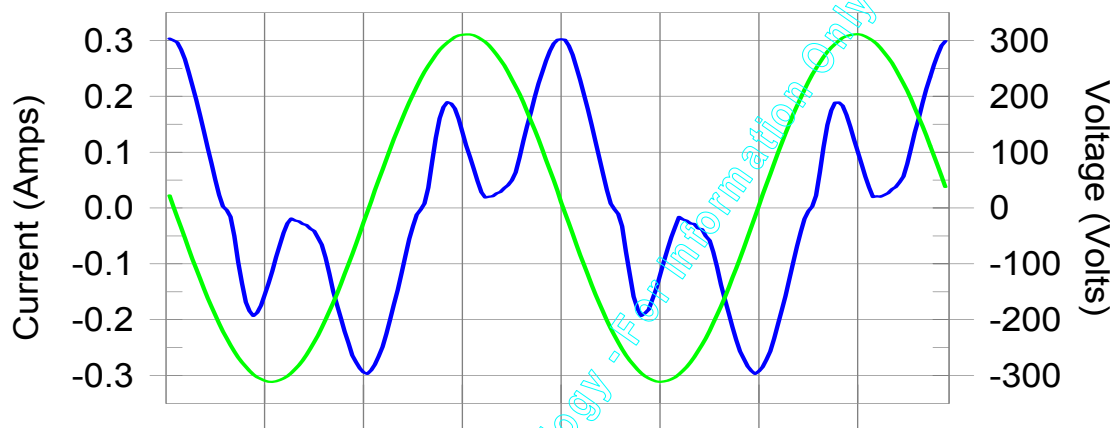
Test Margin: 100

End time: 13:40:44

Start time: 13:38:22  
Data file name: H-000388.cts\_data

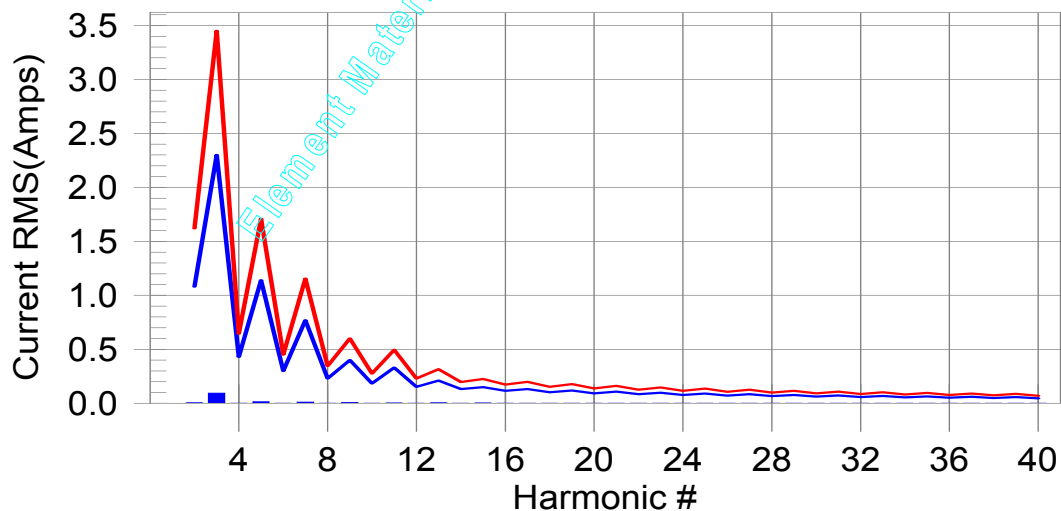
Test Result: Pass Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 4.05% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 13:38:22 End time: 13:40:44  
Test duration (min): 2 Data file name: H-000388.cts\_data  
Comment: Serial: 108402-0001  
Customer: AGD

Test Result: Pass Source qualification: Normal  
THC(A): 0.10 I-THD(%): 73.18 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 220.16 Frequency(Hz): 50.00  
I\_Peak (Amps): 0.307 I\_RMS (Amps): 0.165  
I\_Fund (Amps): 0.133 Crest Factor: 1.885  
Power (Watts): 13.3 Power Factor: 0.376

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.27	Pass
3	0.093	2.300	4.1	0.095	3.450	2.76	Pass
4	0.002	0.430	0.4	0.002	0.645	0.31	Pass
5	0.014	1.140	1.2	0.015	1.710	0.86	Pass
6	0.001	0.300	0.2	0.001	0.450	0.21	Pass
7	0.012	0.770	1.5	0.012	1.155	1.05	Pass
8	0.000	0.230	0.2	0.000	0.345	0.14	Pass
9	0.008	0.400	1.9	0.008	0.600	1.30	Pass
10	0.001	0.184	0.3	0.001	0.276	0.24	Pass
11	0.002	0.330	0.7	0.002	0.495	0.47	Pass
12	0.000	0.153	0.2	0.000	0.230	0.17	Pass
13	0.005	0.210	2.1	0.005	0.315	1.46	Pass
14	0.000	0.131	0.2	0.000	0.197	0.16	Pass
15	0.002	0.150	1.4	0.002	0.225	0.98	Pass
16	0.000	0.115	0.2	0.000	0.173	0.14	Pass
17	0.001	0.132	1.1	0.002	0.199	0.77	Pass
18	0.000	0.102	0.2	0.000	0.153	0.17	Pass
19	0.001	0.118	0.9	0.001	0.178	0.63	Pass
20	0.000	0.092	0.2	0.000	0.138	0.15	Pass
21	0.001	0.107	1.2	0.001	0.161	0.81	Pass
22	0.000	0.084	0.2	0.000	0.125	0.14	Pass
23	0.000	0.098	0.5	0.000	0.147	0.33	Pass
24	0.000	0.077	0.2	0.000	0.115	0.15	Pass
25	0.001	0.090	0.7	0.001	0.135	0.48	Pass
26	0.000	0.071	0.2	0.000	0.106	0.17	Pass
27	0.001	0.083	0.7	0.001	0.125	0.48	Pass
28	0.000	0.066	0.3	0.000	0.099	0.23	Pass
29	0.000	0.078	0.4	0.000	0.116	0.26	Pass
30	0.000	0.061	0.3	0.000	0.092	0.19	Pass
31	0.000	0.073	0.3	0.000	0.109	0.22	Pass
32	0.000	0.058	0.4	0.000	0.086	0.27	Pass
33	0.000	0.068	0.5	0.000	0.102	0.37	Pass
34	0.000	0.054	0.2	0.000	0.081	0.18	Pass
35	0.000	0.064	0.4	0.000	0.096	0.32	Pass
36	0.000	0.051	0.2	0.000	0.077	0.15	Pass
37	0.000	0.061	0.2	0.000	0.091	0.16	Pass
38	0.000	0.048	0.2	0.000	0.073	0.17	Pass
39	0.000	0.058	0.4	0.000	0.087	0.30	Pass
40	0.000	0.046	0.2	0.000	0.069	0.15	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0001  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 13:38:22  
End time: 13:40:44  
Data file name: H-000388.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms):	220.16	Frequency(Hz):	50.00
I_Peak (Amps):	0.307	I_RMS (Amps):	0.165
I_Fund (Amps):	0.133	Crest Factor:	1.885
Power (Watts):	13.3	Power Factor:	0.376

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.159	0.440	36.13	OK
3		0.474	1.980	23.93	OK
4		0.058	0.440	13.16	OK
5		0.063	0.881	7.20	OK
6		0.030	0.440	6.81	OK
7		0.046	0.660	7.04	OK
8		0.022	0.440	5.08	OK
9		0.018	0.440	4.14	OK
10		0.021	0.440	4.86	OK
11		0.030	0.220	13.60	OK
12		0.017	0.220	7.89	OK
13		0.024	0.220	10.80	OK
14		0.013	0.220	5.68	OK
15		0.009	0.220	4.17	OK
16		0.016	0.220	7.35	OK
17		0.009	0.220	4.12	OK
18		0.014	0.220	6.17	OK
19		0.010	0.220	4.43	OK
20		0.011	0.220	4.99	OK
21		0.009	0.220	4.08	OK
22		0.006	0.220	2.61	OK
23		0.005	0.220	2.49	OK
24		0.006	0.220	2.79	OK
25		0.007	0.220	3.20	OK
26		0.009	0.220	4.16	OK
27		0.006	0.220	2.86	OK
28		0.005	0.220	2.41	OK
29		0.006	0.220	2.71	OK
30		0.005	0.220	2.37	OK
31		0.004	0.220	1.79	OK
32		0.005	0.220	2.26	OK
33		0.005	0.220	2.47	OK
34		0.002	0.220	1.00	OK
35		0.004	0.220	1.79	OK
36		0.003	0.220	1.26	OK
37		0.004	0.220	1.86	OK
38		0.002	0.220	1.05	OK
39		0.003	0.220	1.52	OK
40		0.009	0.220	3.87	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0001

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 13:35:14

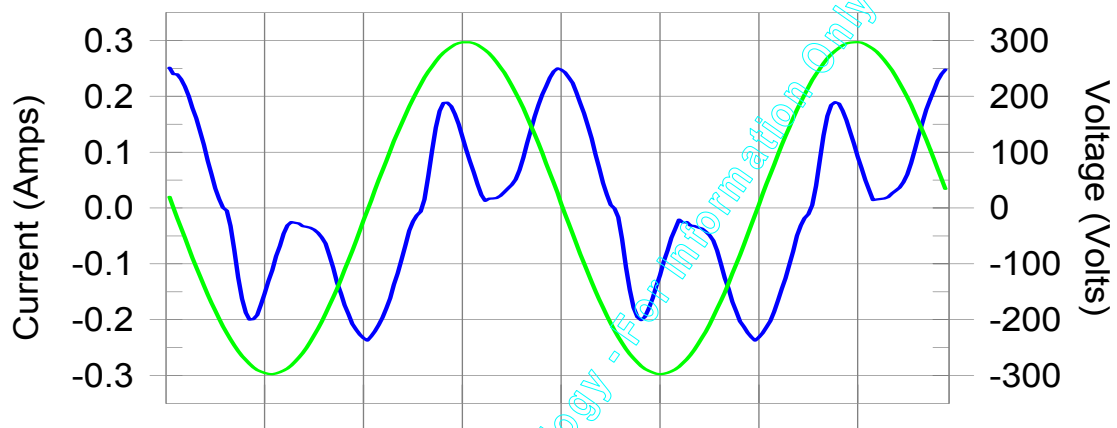
Start time: 13:32:52

Data file name: H-000387.cts\_data

Test Result: Pass

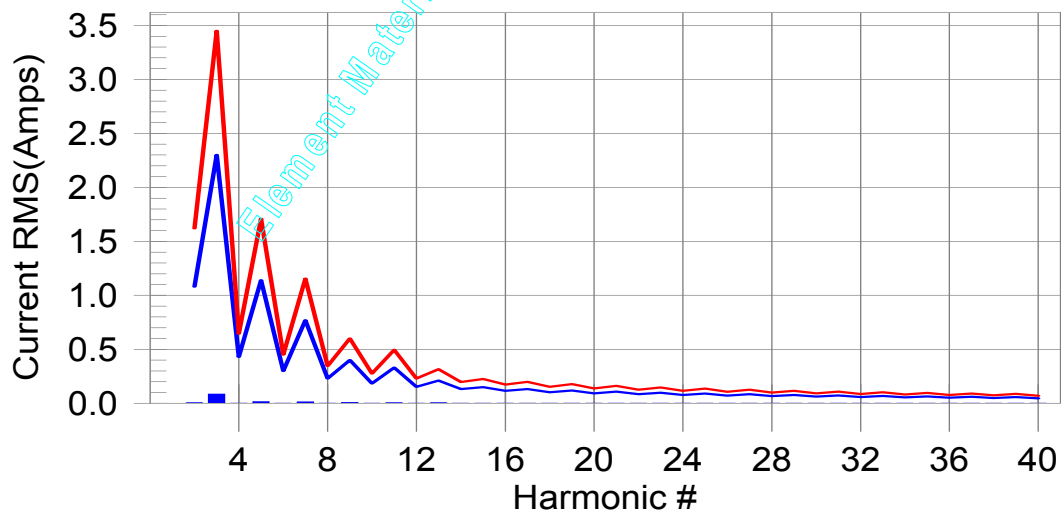
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 3.63% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0001  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 13:32:52  
End time: 13:35:14  
Data file name: H-000387.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.09 I-THD(%): 80.36 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 210.15  
I\_Peak (Amps): 0.252  
I\_Fund (Amps): 0.109  
Power (Watts): 12.6  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.140  
Crest Factor: 1.831  
Power Factor: 0.438

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.25	Pass
3	0.084	2.300	3.6	0.085	3.450	2.47	Pass
4	0.002	0.430	0.4	0.002	0.645	0.29	Pass
5	0.013	1.140	1.2	0.014	1.710	0.81	Pass
6	0.001	0.300	0.3	0.001	0.450	0.19	Pass
7	0.013	0.770	1.6	0.013	1.155	1.12	Pass
8	0.000	0.230	0.2	0.001	0.345	0.16	Pass
9	0.007	0.400	1.7	0.007	0.600	1.17	Pass
10	0.000	0.184	0.3	0.001	0.276	0.20	Pass
11	0.004	0.330	1.1	0.004	0.495	0.75	Pass
12	0.000	0.153	0.3	0.000	0.230	0.19	Pass
13	0.004	0.210	2.1	0.004	0.315	1.42	Pass
14	0.000	0.131	0.1	0.000	0.197	0.11	Pass
15	0.002	0.150	1.3	0.002	0.225	0.91	Pass
16	0.000	0.115	0.2	0.000	0.173	0.17	Pass
17	0.001	0.132	1.0	0.001	0.199	0.66	Pass
18	0.000	0.102	0.2	0.000	0.153	0.14	Pass
19	0.001	0.118	1.1	0.001	0.178	0.73	Pass
20	0.000	0.092	0.2	0.000	0.138	0.16	Pass
21	0.001	0.107	0.9	0.001	0.161	0.64	Pass
22	0.000	0.084	0.2	0.000	0.125	0.13	Pass
23	0.000	0.098	0.4	0.000	0.147	0.25	Pass
24	0.000	0.077	0.2	0.000	0.115	0.16	Pass
25	0.001	0.090	0.7	0.001	0.135	0.49	Pass
26	0.000	0.071	0.2	0.000	0.106	0.14	Pass
27	0.000	0.083	0.5	0.000	0.125	0.38	Pass
28	0.000	0.066	0.3	0.000	0.099	0.23	Pass
29	0.000	0.078	0.2	0.000	0.116	0.18	Pass
30	0.000	0.061	0.2	0.000	0.092	0.19	Pass
31	0.000	0.073	0.5	0.000	0.109	0.35	Pass
32	0.000	0.058	0.4	0.000	0.086	0.27	Pass
33	0.000	0.068	0.5	0.000	0.102	0.37	Pass
34	0.000	0.054	0.2	0.000	0.081	0.17	Pass
35	0.000	0.064	0.2	0.000	0.096	0.15	Pass
36	0.000	0.051	0.2	0.000	0.077	0.17	Pass
37	0.000	0.061	0.3	0.000	0.091	0.25	Pass
38	0.000	0.048	0.2	0.000	0.073	0.15	Pass
39	0.000	0.058	0.4	0.000	0.087	0.30	Pass
40	0.000	0.046	0.2	0.000	0.069	0.17	Pass



### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0001  
Customer: AGD

Tested by: DS  
Test Margin: 100  
Start time: 13:32:52  
End time: 13:35:14  
Data file name: H-000387.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms):	210.15	Frequency(Hz):	50.00
I_Peak (Amps):	0.252	I_RMS (Amps):	0.140
I_Fund (Amps):	0.109	Crest Factor:	1.831
Power (Watts):	12.6	Power Factor:	0.438

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.151	0.420	35.88	OK
3		0.398	1.890	21.06	OK
4		0.059	0.420	14.06	OK
5		0.051	0.840	6.09	OK
6		0.025	0.420	5.94	OK
7		0.040	0.630	6.42	OK
8		0.021	0.420	4.94	OK
9		0.016	0.420	3.78	OK
10		0.019	0.420	4.42	OK
11		0.026	0.210	12.17	OK
12		0.014	0.210	6.77	OK
13		0.017	0.210	8.09	OK
14		0.012	0.210	5.78	OK
15		0.008	0.210	3.72	OK
16		0.015	0.210	7.28	OK
17		0.008	0.210	3.98	OK
18		0.009	0.210	4.41	OK
19		0.007	0.210	3.32	OK
20		0.009	0.210	4.15	OK
21		0.008	0.210	3.63	OK
22		0.007	0.210	3.19	OK
23		0.005	0.210	2.51	OK
24		0.006	0.210	2.76	OK
25		0.006	0.210	3.07	OK
26		0.008	0.210	3.74	OK
27		0.005	0.210	2.61	OK
28		0.005	0.210	2.57	OK
29		0.006	0.210	2.63	OK
30		0.005	0.210	2.27	OK
31		0.004	0.210	1.71	OK
32		0.004	0.210	2.07	OK
33		0.005	0.210	2.37	OK
34		0.002	0.210	1.00	OK
35		0.003	0.210	1.62	OK
36		0.002	0.210	1.14	OK
37		0.004	0.210	1.72	OK
38		0.003	0.210	1.21	OK
39		0.003	0.210	1.39	OK
40		0.008	0.210	4.03	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0004

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 13:28:57

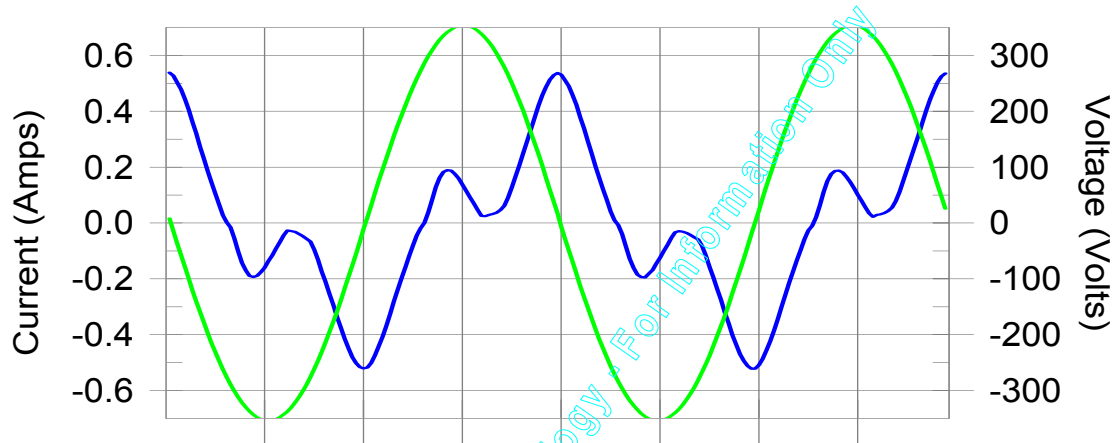
Start time: 13:26:35

Data file name: H-000386.cts\_data

Test Result: Pass

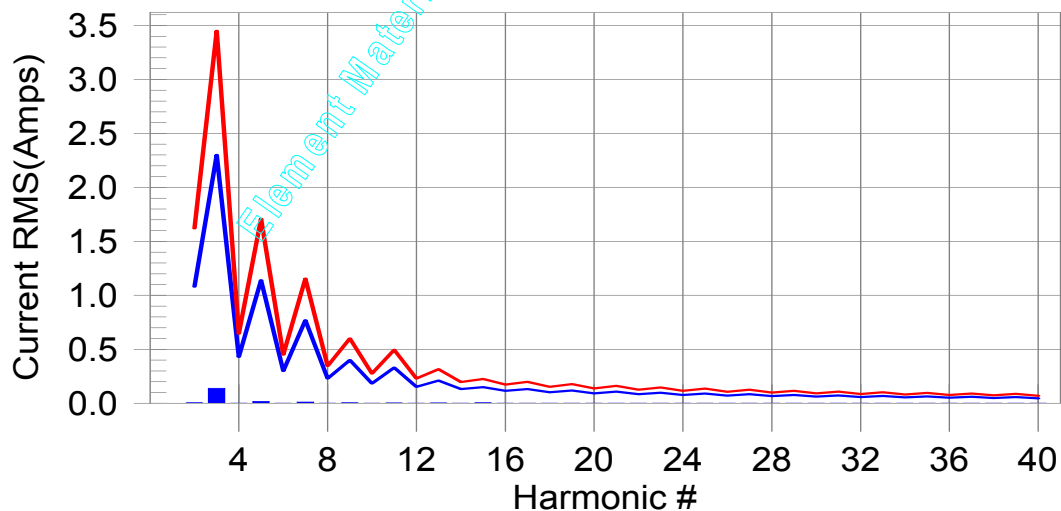
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 5.98% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0004  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 13:26:35  
End time: 13:28:57  
Data file name: H-000386.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.14 I-THD(%): 60.22 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 250.14  
I\_Peak (Amps): 0.540  
I\_Fund (Amps): 0.234  
Power (Watts): 16.2  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.274  
Crest Factor: 1.989  
Power Factor: 0.241

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.24	Pass
3	0.138	2.300	6.0	0.138	3.450	4.01	Pass
4	0.002	0.430	0.4	0.002	0.645	0.28	Pass
5	0.017	1.140	1.5	0.017	1.710	1.00	Pass
6	0.001	0.300	0.2	0.001	0.450	0.15	Pass
7	0.011	0.770	1.4	0.011	1.155	0.97	Pass
8	0.000	0.230	0.2	0.000	0.345	0.14	Pass
9	0.004	0.400	1.1	0.004	0.600	0.72	Pass
10	0.000	0.184	0.2	0.000	0.276	0.17	Pass
11	0.003	0.330	0.8	0.003	0.495	0.57	Pass
12	0.000	0.153	0.2	0.000	0.230	0.17	Pass
13	0.002	0.210	1.1	0.002	0.315	0.76	Pass
14	0.000	0.131	0.1	0.000	0.197	0.10	Pass
15	0.003	0.150	2.1	0.003	0.225	1.43	Pass
16	0.000	0.115	0.2	0.000	0.173	0.16	Pass
17	0.001	0.132	0.8	0.001	0.199	0.53	Pass
18	0.000	0.102	0.2	0.000	0.153	0.13	Pass
19	0.001	0.118	1.3	0.001	0.178	0.84	Pass
20	0.000	0.092	0.2	0.000	0.138	0.14	Pass
21	0.001	0.107	1.2	0.001	0.161	0.81	Pass
22	0.000	0.084	0.1	0.000	0.125	0.10	Pass
23	0.001	0.098	0.6	0.001	0.147	0.42	Pass
24	0.000	0.077	0.2	0.000	0.115	0.14	Pass
25	0.001	0.090	0.6	0.001	0.135	0.38	Pass
26	0.000	0.071	0.2	0.000	0.106	0.14	Pass
27	0.001	0.083	0.7	0.001	0.125	0.49	Pass
28	0.000	0.066	0.3	0.000	0.099	0.21	Pass
29	0.001	0.078	0.8	0.001	0.116	0.58	Pass
30	0.000	0.061	0.3	0.000	0.092	0.21	Pass
31	0.000	0.073	0.2	0.000	0.109	0.14	Pass
32	0.000	0.058	0.3	0.000	0.086	0.24	Pass
33	0.001	0.068	0.7	0.001	0.102	0.50	Pass
34	0.000	0.054	0.3	0.000	0.081	0.19	Pass
35	0.000	0.064	0.7	0.000	0.096	0.45	Pass
36	0.000	0.051	0.2	0.000	0.077	0.14	Pass
37	0.000	0.061	0.2	0.000	0.091	0.13	Pass
38	0.000	0.048	0.2	0.000	0.073	0.18	Pass
39	0.000	0.058	0.5	0.000	0.087	0.31	Pass
40	0.000	0.046	0.2	0.000	0.069	0.14	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0004  
Customer: AGD

Tested by: DS  
Test Margin: 100  
Start time: 13:26:35  
End time: 13:28:57  
Data file name: H-000386.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 250.14	Frequency(Hz): 50.00
I_Peak (Amps): 0.540	I_RMS (Amps): 0.274
I_Fund (Amps): 0.234	Crest Factor: 1.989
Power (Watts): 16.2	Power Factor: 0.241

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.167	0.500	33.37	OK
3		0.515	2.251	22.86	OK
4		0.050	0.500	10.07	OK
5		0.057	1.000	5.72	OK
6		0.024	0.500	4.80	OK
7		0.037	0.750	4.97	OK
8		0.015	0.500	2.98	OK
9		0.024	0.500	4.85	OK
10		0.021	0.500	4.15	OK
11		0.018	0.250	7.23	OK
12		0.013	0.250	5.30	OK
13		0.023	0.250	9.19	OK
14		0.008	0.250	3.23	OK
15		0.010	0.250	4.14	OK
16		0.010	0.250	4.13	OK
17		0.009	0.250	3.42	OK
18		0.014	0.250	5.64	OK
19		0.005	0.250	2.14	OK
20		0.015	0.250	6.10	OK
21		0.005	0.250	2.19	OK
22		0.009	0.250	3.77	OK
23		0.005	0.250	2.08	OK
24		0.004	0.250	1.77	OK
25		0.008	0.250	3.03	OK
26		0.007	0.250	2.87	OK
27		0.004	0.250	1.72	OK
28		0.006	0.250	2.54	OK
29		0.005	0.250	1.86	OK
30		0.006	0.250	2.25	OK
31		0.004	0.250	1.77	OK
32		0.006	0.250	2.35	OK
33		0.005	0.250	1.87	OK
34		0.002	0.250	0.94	OK
35		0.002	0.250	0.84	OK
36		0.003	0.250	1.11	OK
37		0.003	0.250	1.37	OK
38		0.003	0.250	1.31	OK
39		0.003	0.250	1.31	OK
40		0.008	0.250	3.39	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0004

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 13:25:48

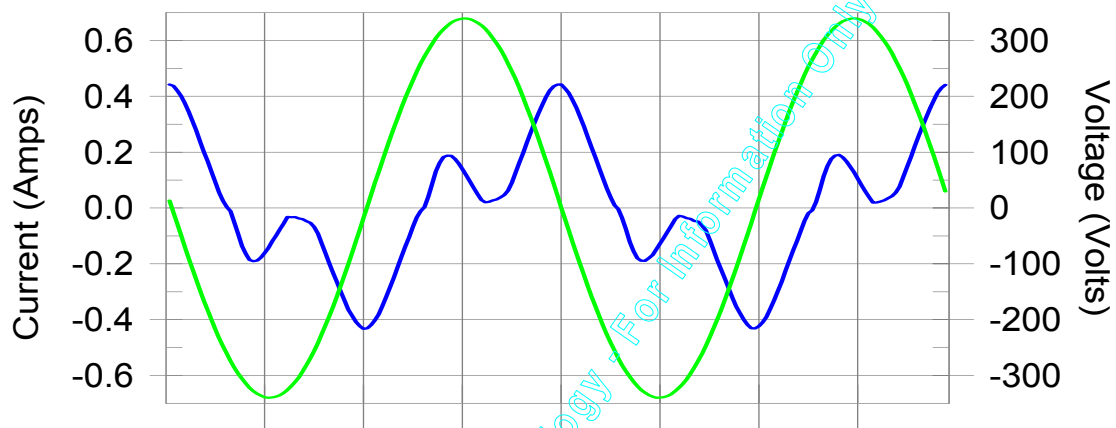
Start time: 13:23:27

Data file name: H-000385.cts\_data

Test Result: Pass

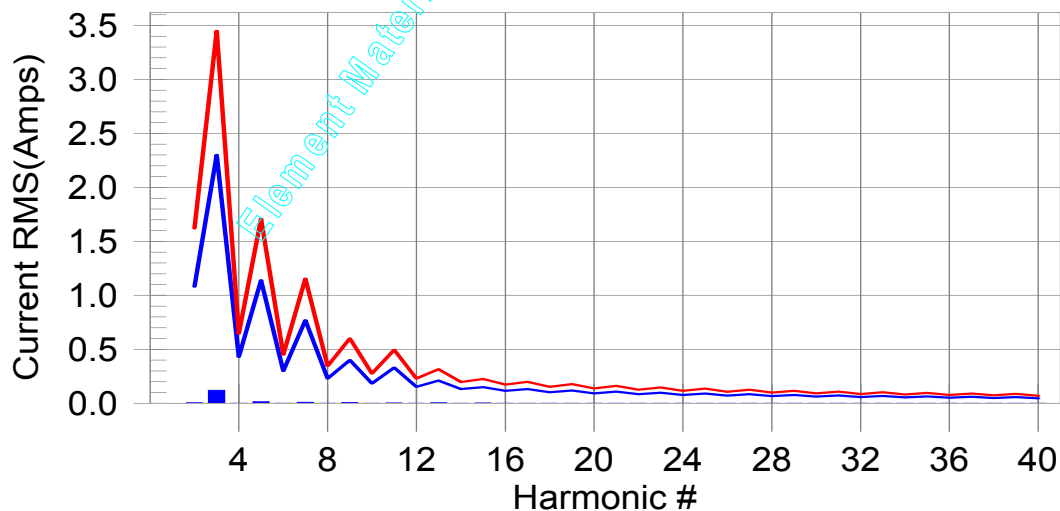
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 5.20% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0004  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
End time: 13:25:48  
Data file name: H-000385.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.12 I-THD(%): 63.21 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 240.14  
I\_Peak (Amps): 0.448  
I\_Fund (Amps): 0.195  
Power (Watts): 15.2  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.231  
Crest Factor: 1.960  
Power Factor: 0.281

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.26	Pass
3	0.120	2.300	5.2	0.121	3.450	3.50	Pass
4	0.002	0.430	0.4	0.002	0.645	0.29	Pass
5	0.015	1.140	1.3	0.015	1.710	0.90	Pass
6	0.001	0.300	0.2	0.001	0.450	0.17	Pass
7	0.010	0.770	1.3	0.010	1.155	0.89	Pass
8	0.000	0.230	0.2	0.001	0.345	0.15	Pass
9	0.005	0.400	1.3	0.005	0.600	0.87	Pass
10	0.000	0.184	0.2	0.000	0.276	0.18	Pass
11	0.002	0.330	0.7	0.002	0.495	0.46	Pass
12	0.000	0.153	0.2	0.000	0.230	0.17	Pass
13	0.003	0.210	1.6	0.003	0.315	1.06	Pass
14	0.000	0.131	0.2	0.000	0.197	0.14	Pass
15	0.003	0.150	2.0	0.003	0.225	1.38	Pass
16	0.000	0.115	0.2	0.000	0.173	0.14	Pass
17	0.000	0.132	0.3	0.000	0.199	0.24	Pass
18	0.000	0.102	0.2	0.000	0.153	0.15	Pass
19	0.002	0.118	1.4	0.002	0.178	0.93	Pass
20	0.000	0.092	0.2	0.000	0.138	0.13	Pass
21	0.001	0.107	0.9	0.001	0.161	0.64	Pass
22	0.000	0.084	0.2	0.000	0.125	0.12	Pass
23	0.001	0.098	0.8	0.001	0.147	0.52	Pass
24	0.000	0.077	0.2	0.000	0.115	0.14	Pass
25	0.000	0.090	0.5	0.000	0.135	0.32	Pass
26	0.000	0.071	0.2	0.000	0.106	0.15	Pass
27	0.001	0.083	0.9	0.001	0.125	0.63	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.000	0.078	0.6	0.000	0.116	0.40	Pass
30	0.000	0.061	0.3	0.000	0.092	0.20	Pass
31	0.000	0.073	0.4	0.000	0.109	0.30	Pass
32	0.000	0.058	0.3	0.000	0.086	0.25	Pass
33	0.000	0.068	0.7	0.000	0.102	0.48	Pass
34	0.000	0.054	0.2	0.000	0.081	0.18	Pass
35	0.000	0.064	0.4	0.000	0.096	0.30	Pass
36	0.000	0.051	0.2	0.000	0.077	0.17	Pass
37	0.000	0.061	0.3	0.000	0.091	0.21	Pass
38	0.000	0.048	0.2	0.000	0.073	0.15	Pass
39	0.000	0.058	0.5	0.000	0.087	0.33	Pass
40	0.000	0.046	0.2	0.000	0.069	0.16	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0004  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 13:23:27  
End time: 13:25:48  
Data file name: H-000385.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 240.14  
I\_Peak (Amps): 0.448  
I\_Fund (Amps): 0.195  
Power (Watts): 15.2  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.231  
Crest Factor: 1.960  
Power Factor: 0.281

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.168	0.480	34.97	OK
3		0.513	2.160	23.74	OK
4		0.054	0.480	11.28	OK
5		0.056	0.960	5.82	OK
6		0.027	0.480	5.63	OK
7		0.037	0.720	5.09	OK
8		0.016	0.480	3.26	OK
9		0.021	0.480	4.43	OK
10		0.022	0.480	4.50	OK
11		0.021	0.240	8.91	OK
12		0.013	0.240	5.59	OK
13		0.024	0.240	9.95	OK
14		0.007	0.240	3.09	OK
15		0.009	0.240	3.70	OK
16		0.013	0.240	5.44	OK
17		0.008	0.240	3.30	OK
18		0.013	0.240	5.51	OK
19		0.007	0.240	2.82	OK
20		0.015	0.240	6.08	OK
21		0.007	0.240	2.72	OK
22		0.007	0.240	3.00	OK
23		0.006	0.240	2.36	OK
24		0.004	0.240	1.79	OK
25		0.006	0.240	2.53	OK
26		0.008	0.240	3.29	OK
27		0.005	0.240	2.14	OK
28		0.007	0.240	2.74	OK
29		0.006	0.240	2.38	OK
30		0.006	0.240	2.42	OK
31		0.004	0.240	1.52	OK
32		0.005	0.240	1.88	OK
33		0.005	0.240	1.93	OK
34		0.002	0.240	1.03	OK
35		0.003	0.240	1.29	OK
36		0.003	0.240	1.38	OK
37		0.003	0.240	1.46	OK
38		0.002	0.240	1.00	OK
39		0.003	0.240	1.26	OK
40		0.009	0.240	3.62	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0004

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 13:22:36

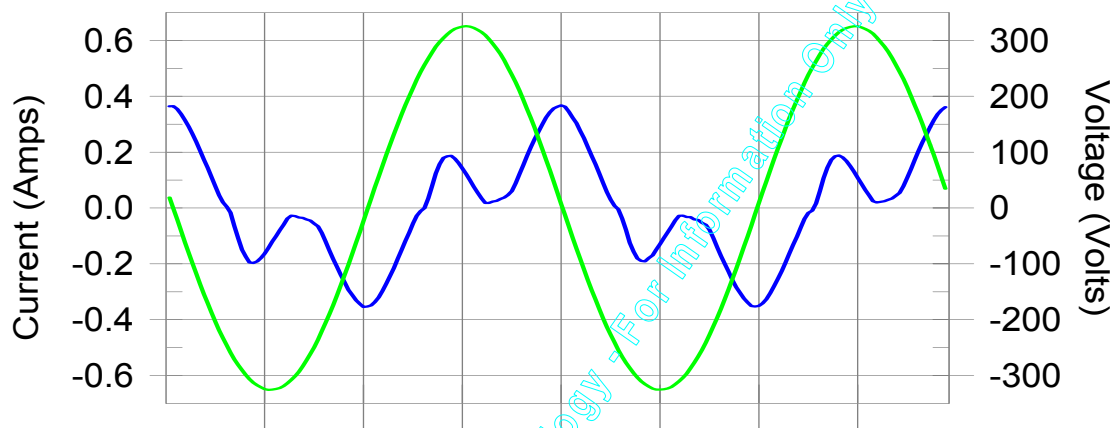
Start time: 13:20:15

Data file name: H-000384.cts\_data

Test Result: Pass

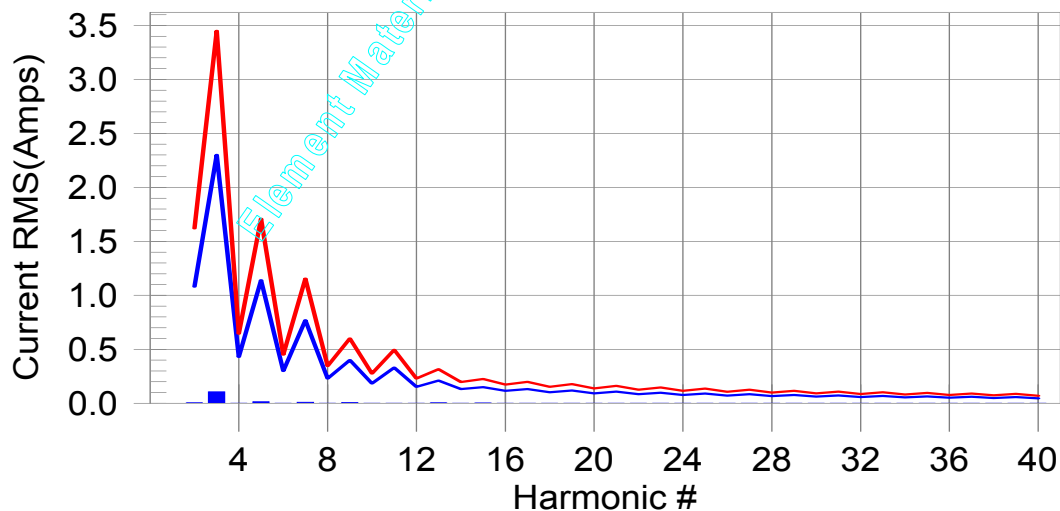
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 4.56% of the limit.



### Current Test Result Summary (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 13:20:15 End time: 13:22:36  
Test duration (min): 2 Data file name: H-000384.cts\_data  
Comment: Serial: 108402-0004  
Customer: AGD

Test Result: Pass Source qualification: Normal  
THC(A): 0.11 I-THD(%): 67.29 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 230.15 Frequency(Hz): 50.00  
I\_Peak (Amps): 0.371 I\_RMS (Amps): 0.195  
I\_Fund (Amps): 0.161 Crest Factor: 1.934  
Power (Watts): 14.3 Power Factor: 0.327

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.26	Pass
3	0.105	2.300	4.6	0.107	3.450	3.10	Pass
4	0.002	0.430	0.4	0.002	0.645	0.29	Pass
5	0.014	1.140	1.3	0.015	1.710	0.86	Pass
6	0.001	0.300	0.2	0.001	0.450	0.18	Pass
7	0.010	0.770	1.3	0.010	1.155	0.86	Pass
8	0.000	0.230	0.2	0.000	0.345	0.13	Pass
9	0.006	0.400	1.5	0.006	0.600	0.99	Pass
10	0.000	0.184	0.3	0.001	0.276	0.21	Pass
11	0.002	0.330	0.5	0.002	0.495	0.38	Pass
12	0.000	0.153	0.2	0.000	0.230	0.15	Pass
13	0.004	0.210	2.0	0.004	0.315	1.35	Pass
14	0.000	0.131	0.2	0.000	0.197	0.15	Pass
15	0.002	0.150	1.6	0.002	0.225	1.11	Pass
16	0.000	0.115	0.2	0.000	0.173	0.12	Pass
17	0.001	0.132	0.8	0.001	0.199	0.58	Pass
18	0.000	0.102	0.2	0.000	0.153	0.18	Pass
19	0.001	0.118	1.2	0.001	0.178	0.81	Pass
20	0.000	0.092	0.1	0.000	0.138	0.11	Pass
21	0.001	0.107	0.9	0.001	0.161	0.65	Pass
22	0.000	0.084	0.2	0.000	0.125	0.15	Pass
23	0.001	0.098	0.6	0.001	0.147	0.40	Pass
24	0.000	0.077	0.2	0.000	0.115	0.13	Pass
25	0.001	0.090	0.7	0.001	0.135	0.51	Pass
26	0.000	0.071	0.2	0.000	0.106	0.17	Pass
27	0.001	0.083	0.9	0.001	0.125	0.60	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.000	0.078	0.2	0.000	0.116	0.15	Pass
30	0.000	0.061	0.3	0.000	0.092	0.21	Pass
31	0.000	0.073	0.6	0.000	0.109	0.41	Pass
32	0.000	0.058	0.3	0.000	0.086	0.27	Pass
33	0.000	0.068	0.5	0.000	0.102	0.36	Pass
34	0.000	0.054	0.3	0.000	0.081	0.19	Pass
35	0.000	0.064	0.3	0.000	0.096	0.22	Pass
36	0.000	0.051	0.2	0.000	0.077	0.16	Pass
37	0.000	0.061	0.3	0.000	0.091	0.24	Pass
38	0.000	0.048	0.2	0.000	0.073	0.15	Pass
39	0.000	0.058	0.5	0.000	0.087	0.37	Pass
40	0.000	0.046	0.2	0.000	0.069	0.17	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0004  
Customer: AGD

Tested by: DS  
Test Margin: 100  
Start time: 13:20:15  
End time: 13:22:36  
Data file name: H-000384.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms):	230.15	Frequency(Hz):	50.00
I_Peak (Amps):	0.371	I_RMS (Amps):	0.195
I_Fund (Amps):	0.161	Crest Factor:	1.934
Power (Watts):	14.3	Power Factor:	0.327

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.168	0.460	36.54	OK
3		0.488	2.070	23.59	OK
4		0.058	0.460	12.62	OK
5		0.056	0.920	6.06	OK
6		0.030	0.460	6.58	OK
7		0.040	0.690	5.80	OK
8		0.019	0.460	4.23	OK
9		0.019	0.460	4.16	OK
10		0.022	0.460	4.78	OK
11		0.025	0.230	11.08	OK
12		0.015	0.230	6.68	OK
13		0.024	0.230	10.34	OK
14		0.009	0.230	4.03	OK
15		0.009	0.230	3.95	OK
16		0.014	0.230	6.22	OK
17		0.009	0.230	3.80	OK
18		0.015	0.230	6.31	OK
19		0.008	0.230	3.61	OK
20		0.013	0.230	5.80	OK
21		0.009	0.230	3.89	OK
22		0.006	0.230	2.57	OK
23		0.005	0.230	2.37	OK
24		0.005	0.230	2.22	OK
25		0.006	0.230	2.65	OK
26		0.009	0.230	3.72	OK
27		0.007	0.230	2.83	OK
28		0.006	0.230	2.73	OK
29		0.006	0.230	2.45	OK
30		0.005	0.230	2.13	OK
31		0.004	0.230	1.53	OK
32		0.005	0.230	2.22	OK
33		0.005	0.230	2.25	OK
34		0.003	0.230	1.10	OK
35		0.004	0.230	1.58	OK
36		0.003	0.230	1.20	OK
37		0.004	0.230	1.62	OK
38		0.002	0.230	1.05	OK
39		0.003	0.230	1.41	OK
40		0.008	0.230	3.69	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0004

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 13:18:34

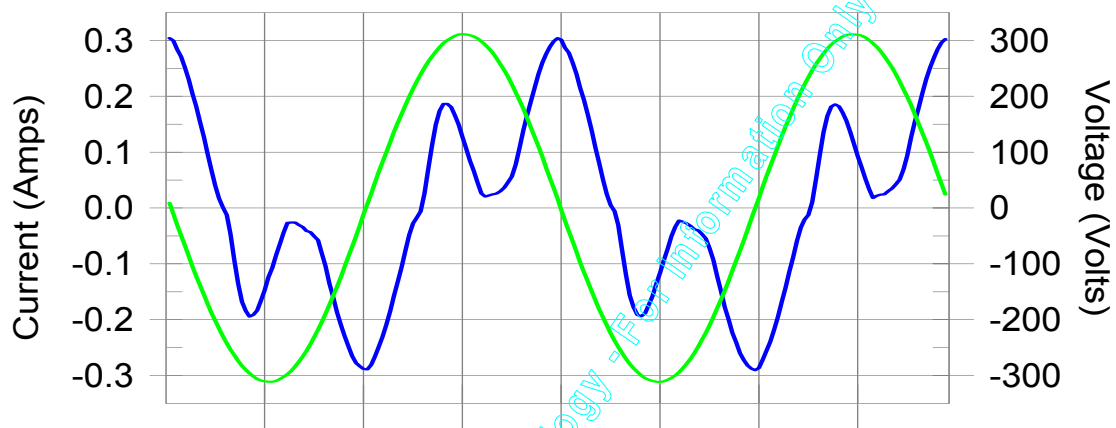
Start time: 13:16:12

Data file name: H-000383.cts\_data

Test Result: Pass

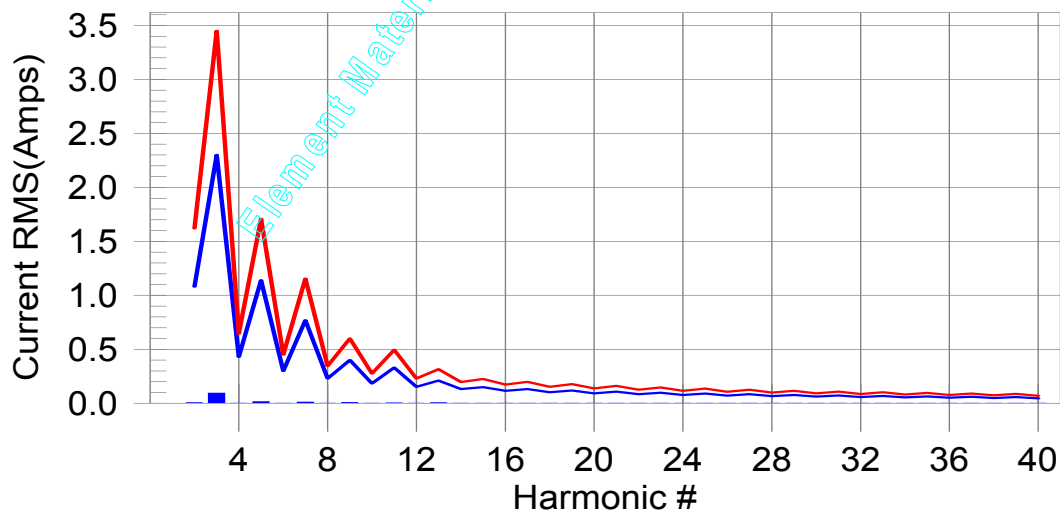
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 4.06% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 13:16:12 End time: 13:18:34  
Test duration (min): 2 Data file name: H-000383.cts\_data  
Comment: Serial: 108402-0004  
Customer: AGD

Test Result: Pass Source qualification: Normal  
THC(A): 0.10 I-THD(%): 72.84 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 220.15 Frequency(Hz): 50.00  
I\_Peak (Amps): 0.306 I\_RMS (Amps): 0.166  
I\_Fund (Amps): 0.133 Crest Factor: 1.881  
Power (Watts): 13.6 Power Factor: 0.386

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.26	Pass
3	0.093	2.300	4.1	0.095	3.450	2.76	Pass
4	0.002	0.430	0.4	0.002	0.645	0.31	Pass
5	0.014	1.140	1.2	0.014	1.710	0.83	Pass
6	0.001	0.300	0.2	0.001	0.450	0.20	Pass
7	0.010	0.770	1.3	0.010	1.155	0.91	Pass
8	0.000	0.230	0.2	0.000	0.345	0.12	Pass
9	0.006	0.400	1.5	0.006	0.600	1.03	Pass
10	0.000	0.184	0.3	0.001	0.276	0.22	Pass
11	0.002	0.330	0.7	0.002	0.495	0.50	Pass
12	0.000	0.153	0.2	0.000	0.230	0.17	Pass
13	0.004	0.210	2.1	0.005	0.315	1.45	Pass
14	0.000	0.131	0.2	0.000	0.197	0.16	Pass
15	0.002	0.150	1.0	0.002	0.225	0.73	Pass
16	0.000	0.115	0.2	0.000	0.173	0.14	Pass
17	0.002	0.132	1.2	0.002	0.199	0.83	Pass
18	0.000	0.102	0.2	0.000	0.153	0.17	Pass
19	0.001	0.118	1.1	0.001	0.178	0.74	Pass
20	0.000	0.092	0.2	0.000	0.138	0.15	Pass
21	0.001	0.107	1.0	0.001	0.161	0.69	Pass
22	0.000	0.084	0.2	0.000	0.125	0.13	Pass
23	0.000	0.098	0.3	0.000	0.147	0.25	Pass
24	0.000	0.077	0.2	0.000	0.115	0.16	Pass
25	0.001	0.090	0.9	0.001	0.135	0.63	Pass
26	0.000	0.071	0.2	0.000	0.106	0.16	Pass
27	0.000	0.083	0.6	0.001	0.125	0.40	Pass
28	0.000	0.066	0.3	0.000	0.099	0.23	Pass
29	0.000	0.078	0.4	0.000	0.116	0.27	Pass
30	0.000	0.061	0.3	0.000	0.092	0.19	Pass
31	0.000	0.073	0.6	0.000	0.109	0.39	Pass
32	0.000	0.058	0.3	0.000	0.086	0.26	Pass
33	0.000	0.068	0.5	0.000	0.102	0.33	Pass
34	0.000	0.054	0.2	0.000	0.081	0.18	Pass
35	0.000	0.064	0.2	0.000	0.096	0.12	Pass
36	0.000	0.051	0.2	0.000	0.077	0.15	Pass
37	0.000	0.061	0.5	0.000	0.091	0.34	Pass
38	0.000	0.048	0.2	0.000	0.073	0.17	Pass
39	0.000	0.058	0.5	0.000	0.087	0.32	Pass
40	0.000	0.046	0.2	0.000	0.069	0.15	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0004  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 13:16:12  
End time: 13:18:34  
Data file name: H-000383.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms):	220.15	Frequency(Hz):	50.00
I_Peak (Amps):	0.306	I_RMS (Amps):	0.166
I_Fund (Amps):	0.133	Crest Factor:	1.881
Power (Watts):	13.6	Power Factor:	0.386

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.160	0.440	36.45	OK
3		0.456	1.980	23.05	OK
4		0.059	0.440	13.50	OK
5		0.057	0.880	6.48	OK
6		0.029	0.440	6.57	OK
7		0.045	0.660	6.78	OK
8		0.022	0.440	5.06	OK
9		0.017	0.440	3.89	OK
10		0.021	0.440	4.78	OK
11		0.030	0.220	13.43	OK
12		0.017	0.220	7.67	OK
13		0.023	0.220	10.55	OK
14		0.012	0.220	5.28	OK
15		0.009	0.220	4.27	OK
16		0.016	0.220	7.43	OK
17		0.010	0.220	4.49	OK
18		0.014	0.220	6.21	OK
19		0.010	0.220	4.35	OK
20		0.011	0.220	5.02	OK
21		0.009	0.220	3.87	OK
22		0.006	0.220	2.65	OK
23		0.006	0.220	2.61	OK
24		0.006	0.220	2.94	OK
25		0.008	0.220	3.51	OK
26		0.009	0.220	4.26	OK
27		0.007	0.220	3.03	OK
28		0.005	0.220	2.42	OK
29		0.006	0.220	2.83	OK
30		0.005	0.220	2.39	OK
31		0.004	0.220	2.00	OK
32		0.005	0.220	2.26	OK
33		0.006	0.220	2.51	OK
34		0.002	0.220	0.93	OK
35		0.004	0.220	1.75	OK
36		0.003	0.220	1.26	OK
37		0.004	0.220	1.88	OK
38		0.002	0.220	1.06	OK
39		0.003	0.220	1.41	OK
40		0.009	0.220	3.91	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0004

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 13:07:02

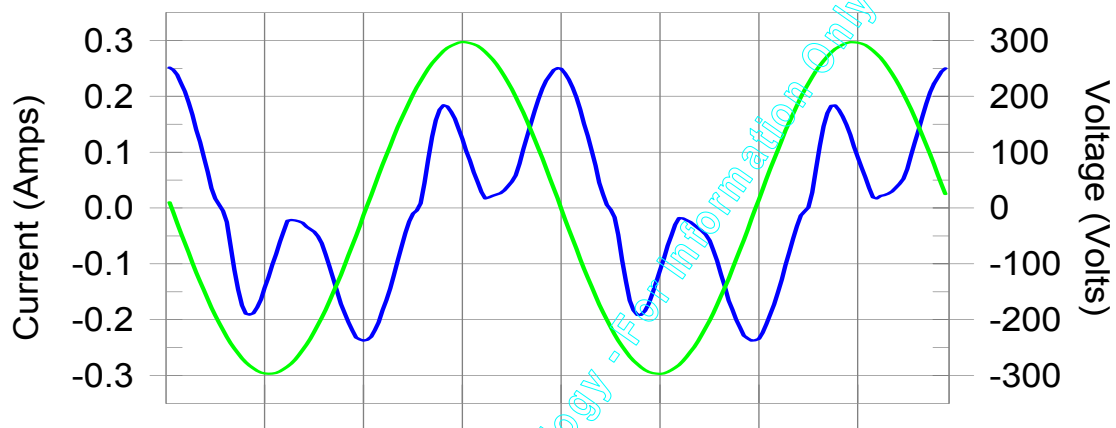
Start time: 13:04:40

Data file name: H-000382.cts\_data

Test Result: Pass

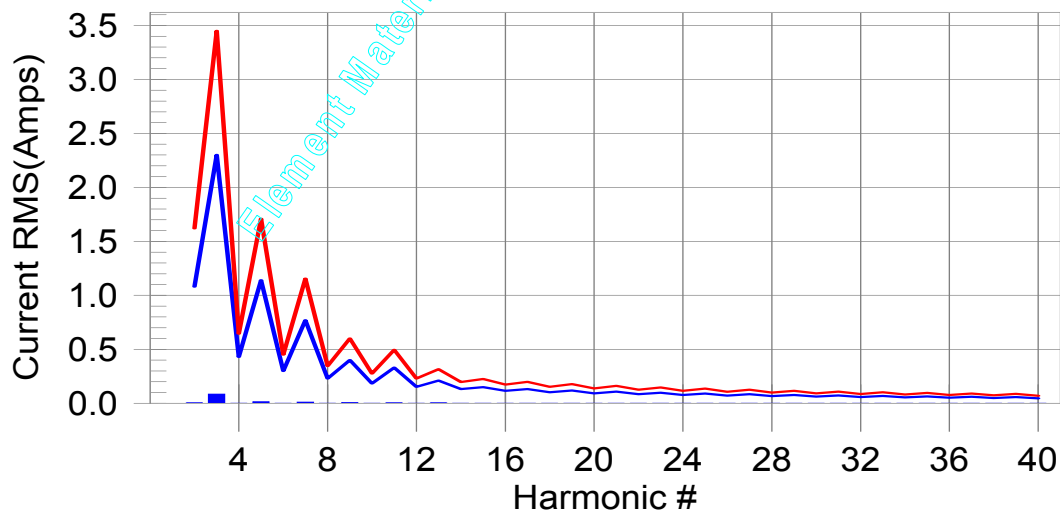
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 3.64% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 13:04:40 End time: 13:07:02  
Test duration (min): 2 Data file name: H-000382.cts\_data  
Comment: Serial: 108402-0004  
Customer: AGD

Test Result: Pass Source qualification: Normal  
THC(A): 0.09 I-THD(%): 79.22 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 210.16 Frequency(Hz): 50.00  
I\_Peak (Amps): 0.252 I\_RMS (Amps): 0.141  
I\_Fund (Amps): 0.111 Crest Factor: 1.812  
Power (Watts): 13.0 Power Factor: 0.450

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.26	Pass
3	0.084	2.300	3.6	0.086	3.450	2.49	Pass
4	0.002	0.430	0.4	0.002	0.645	0.32	Pass
5	0.013	1.140	1.1	0.014	1.710	0.80	Pass
6	0.001	0.300	0.2	0.001	0.450	0.21	Pass
7	0.011	0.770	1.4	0.011	1.155	0.97	Pass
8	0.000	0.230	0.2	0.001	0.345	0.17	Pass
9	0.005	0.400	1.3	0.006	0.600	0.93	Pass
10	0.000	0.184	0.2	0.001	0.276	0.21	Pass
11	0.004	0.330	1.2	0.004	0.495	0.83	Pass
12	0.000	0.153	0.3	0.001	0.230	0.22	Pass
13	0.004	0.210	2.0	0.004	0.315	1.34	Pass
14	0.000	0.131	0.1	0.000	0.197	0.12	Pass
15	0.002	0.150	1.0	0.002	0.225	0.74	Pass
16	0.000	0.115	0.2	0.000	0.173	0.18	Pass
17	0.002	0.132	1.2	0.002	0.199	0.83	Pass
18	0.000	0.102	0.2	0.000	0.153	0.15	Pass
19	0.001	0.118	1.1	0.001	0.178	0.79	Pass
20	0.000	0.092	0.2	0.000	0.138	0.16	Pass
21	0.001	0.107	0.6	0.001	0.161	0.46	Pass
22	0.000	0.084	0.2	0.000	0.125	0.13	Pass
23	0.001	0.098	0.7	0.001	0.147	0.48	Pass
24	0.000	0.077	0.2	0.000	0.115	0.17	Pass
25	0.001	0.090	0.8	0.001	0.135	0.56	Pass
26	0.000	0.071	0.2	0.000	0.106	0.15	Pass
27	0.000	0.083	0.3	0.000	0.125	0.25	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.000	0.078	0.4	0.000	0.116	0.31	Pass
30	0.000	0.061	0.2	0.000	0.092	0.18	Pass
31	0.000	0.073	0.6	0.000	0.109	0.41	Pass
32	0.000	0.058	0.4	0.000	0.086	0.26	Pass
33	0.000	0.068	0.3	0.000	0.102	0.23	Pass
34	0.000	0.054	0.2	0.000	0.081	0.16	Pass
35	0.000	0.064	0.4	0.000	0.096	0.30	Pass
36	0.000	0.051	0.2	0.000	0.077	0.17	Pass
37	0.000	0.061	0.5	0.000	0.091	0.34	Pass
38	0.000	0.048	0.2	0.000	0.073	0.16	Pass
39	0.000	0.058	0.3	0.000	0.087	0.19	Pass
40	0.000	0.046	0.2	0.000	0.069	0.18	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0004  
Customer: AGD

Tested by: DS  
Test Margin: 100  
Start time: 13:04:40  
End time: 13:07:02  
Data file name: H-000382.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 210.16  
I\_Peak (Amps): 0.252  
I\_Fund (Amps): 0.111  
Power (Watts): 13.0

Frequency(Hz): 50.00  
I\_RMS (Amps): 0.141  
Crest Factor: 1.812  
Power Factor: 0.450

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.150	0.420	35.61	OK
3		0.416	1.890	22.03	OK
4		0.062	0.420	14.88	OK
5		0.056	0.840	6.69	OK
6		0.030	0.420	7.05	OK
7		0.047	0.630	7.41	OK
8		0.022	0.420	5.30	OK
9		0.019	0.420	4.46	OK
10		0.020	0.420	4.86	OK
11		0.029	0.210	13.62	OK
12		0.017	0.210	8.12	OK
13		0.020	0.210	9.53	OK
14		0.013	0.210	6.40	OK
15		0.009	0.210	4.23	OK
16		0.017	0.210	7.99	OK
17		0.010	0.210	4.96	OK
18		0.012	0.210	5.77	OK
19		0.009	0.210	4.29	OK
20		0.010	0.210	4.73	OK
21		0.009	0.210	4.25	OK
22		0.007	0.210	3.42	OK
23		0.007	0.210	3.37	OK
24		0.007	0.210	3.26	OK
25		0.009	0.210	4.05	OK
26		0.009	0.210	4.12	OK
27		0.007	0.210	3.26	OK
28		0.006	0.210	2.73	OK
29		0.007	0.210	3.43	OK
30		0.005	0.210	2.27	OK
31		0.004	0.210	1.98	OK
32		0.005	0.210	2.19	OK
33		0.006	0.210	2.79	OK
34		0.003	0.210	1.34	OK
35		0.004	0.210	2.01	OK
36		0.002	0.210	1.18	OK
37		0.004	0.210	2.08	OK
38		0.003	0.210	1.33	OK
39		0.003	0.210	1.66	OK
40		0.008	0.210	4.02	OK



## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0005

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 12:08:50

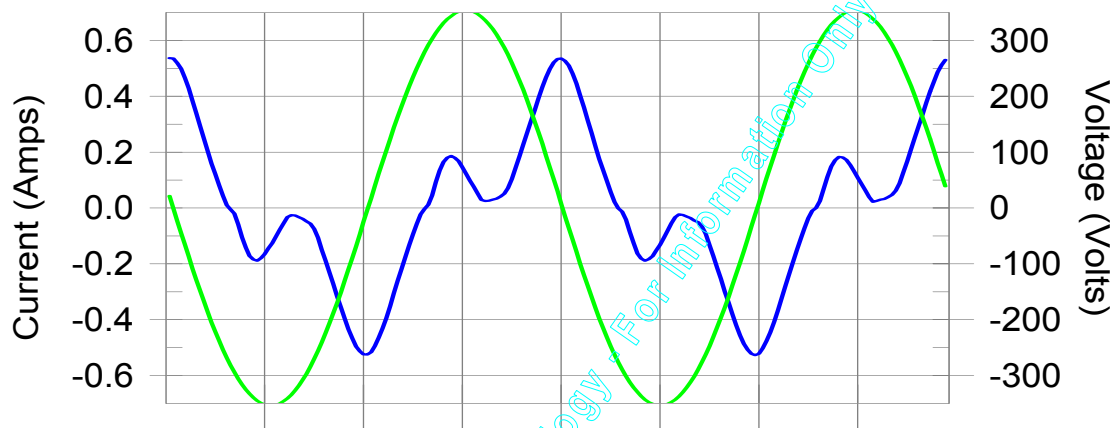
Start time: 12:06:28

Data file name: H-000381.cts\_data

Test Result: Pass

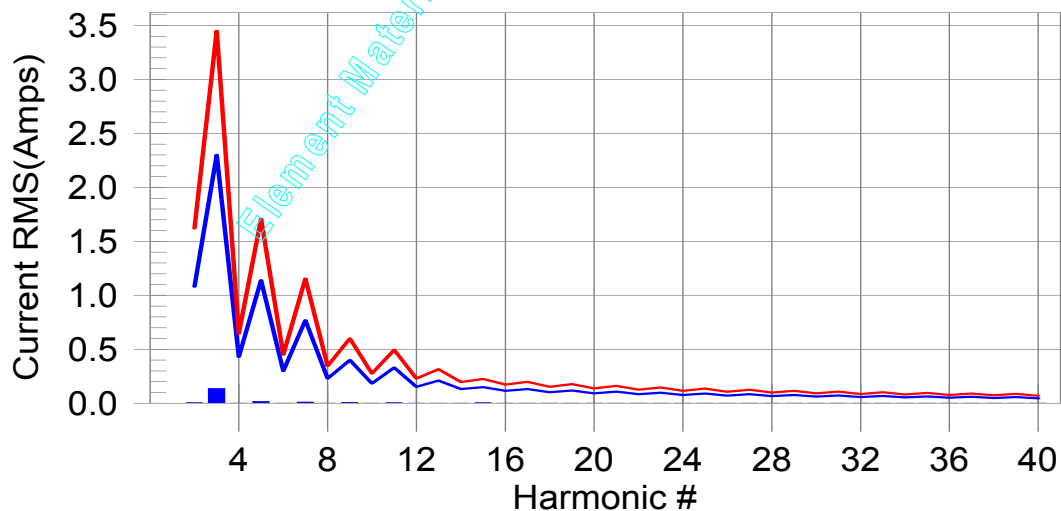
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 5.90% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0005  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 12:06:28  
End time: 12:08:50  
Data file name: H-000381.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.14 I-THD(%): 59.70 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 250.14  
I\_Peak (Amps): 0.540  
I\_Fund (Amps): 0.235  
Power (Watts): 15.5  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.273  
Crest Factor: 1.992  
Power Factor: 0.231

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.28	Pass
3	0.136	2.300	5.9	0.138	3.450	3.99	Pass
4	0.002	0.430	0.4	0.002	0.645	0.30	Pass
5	0.017	1.140	1.5	0.018	1.710	1.04	Pass
6	0.001	0.300	0.2	0.001	0.450	0.16	Pass
7	0.012	0.770	1.5	0.012	1.155	1.06	Pass
8	0.000	0.230	0.2	0.001	0.345	0.15	Pass
9	0.005	0.400	1.3	0.006	0.600	0.92	Pass
10	0.000	0.184	0.2	0.001	0.276	0.19	Pass
11	0.004	0.330	1.2	0.004	0.495	0.82	Pass
12	0.000	0.153	0.2	0.000	0.230	0.18	Pass
13	0.002	0.210	0.9	0.002	0.315	0.64	Pass
14	0.000	0.131	0.1	0.000	0.197	0.10	Pass
15	0.004	0.150	2.4	0.004	0.225	1.63	Pass
16	0.000	0.115	0.2	0.000	0.173	0.20	Pass
17	0.002	0.132	1.3	0.002	0.199	0.93	Pass
18	0.000	0.102	0.2	0.000	0.153	0.14	Pass
19	0.001	0.118	1.0	0.001	0.178	0.70	Pass
20	0.000	0.092	0.2	0.000	0.138	0.16	Pass
21	0.001	0.107	1.2	0.001	0.161	0.83	Pass
22	0.000	0.084	0.2	0.000	0.125	0.12	Pass
23	0.001	0.098	0.9	0.001	0.147	0.61	Pass
24	0.000	0.077	0.2	0.000	0.115	0.17	Pass
25	0.001	0.090	0.7	0.001	0.135	0.50	Pass
26	0.000	0.071	0.2	0.000	0.106	0.15	Pass
27	0.000	0.083	0.5	0.000	0.125	0.33	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.001	0.078	1.0	0.001	0.116	0.66	Pass
30	0.000	0.061	0.3	0.000	0.092	0.23	Pass
31	0.000	0.073	0.6	0.000	0.109	0.39	Pass
32	0.000	0.058	0.3	0.000	0.086	0.25	Pass
33	0.000	0.068	0.4	0.000	0.102	0.31	Pass
34	0.000	0.054	0.3	0.000	0.081	0.21	Pass
35	0.000	0.064	0.6	0.000	0.096	0.45	Pass
36	0.000	0.051	0.2	0.000	0.077	0.15	Pass
37	0.000	0.061	0.4	0.000	0.091	0.33	Pass
38	0.000	0.048	0.3	0.000	0.073	0.20	Pass
39	0.000	0.058	0.3	0.000	0.087	0.21	Pass
40	0.000	0.046	0.2	0.000	0.069	0.17	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0005  
Customer: AGD

Tested by: DS  
Test Margin: 100  
Start time: 12:06:28  
End time: 12:08:50  
Data file name: H-000381.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 250.14  
I\_Peak (Amps): 0.540  
I\_Fund (Amps): 0.235  
Power (Watts): 15.5

Frequency(Hz): 50.00  
I\_RMS (Amps): 0.273  
Crest Factor: 1.992  
Power Factor: 0.231

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.179	0.500	35.76	OK
3		0.574	2.250	25.51	OK
4		0.059	0.500	11.76	OK
5		0.071	1.000	7.14	OK
6		0.030	0.500	5.96	OK
7		0.047	0.750	6.33	OK
8		0.020	0.500	4.10	OK
9		0.028	0.500	5.62	OK
10		0.030	0.500	5.92	OK
11		0.026	0.250	10.38	OK
12		0.018	0.250	7.02	OK
13		0.025	0.250	10.07	OK
14		0.009	0.250	3.45	OK
15		0.015	0.250	6.14	OK
16		0.014	0.250	5.69	OK
17		0.012	0.250	4.89	OK
18		0.017	0.250	6.69	OK
19		0.008	0.250	3.28	OK
20		0.016	0.250	6.25	OK
21		0.008	0.250	3.25	OK
22		0.010	0.250	4.03	OK
23		0.007	0.250	2.99	OK
24		0.006	0.250	2.22	OK
25		0.009	0.250	3.76	OK
26		0.008	0.250	3.30	OK
27		0.006	0.250	2.34	OK
28		0.007	0.250	2.80	OK
29		0.006	0.250	2.28	OK
30		0.006	0.250	2.51	OK
31		0.006	0.250	2.48	OK
32		0.006	0.250	2.56	OK
33		0.006	0.250	2.33	OK
34		0.003	0.250	1.23	OK
35		0.004	0.250	1.43	OK
36		0.004	0.250	1.46	OK
37		0.004	0.250	1.71	OK
38		0.003	0.250	1.37	OK
39		0.005	0.250	1.81	OK
40		0.009	0.250	3.53	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0005

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 12:05:52

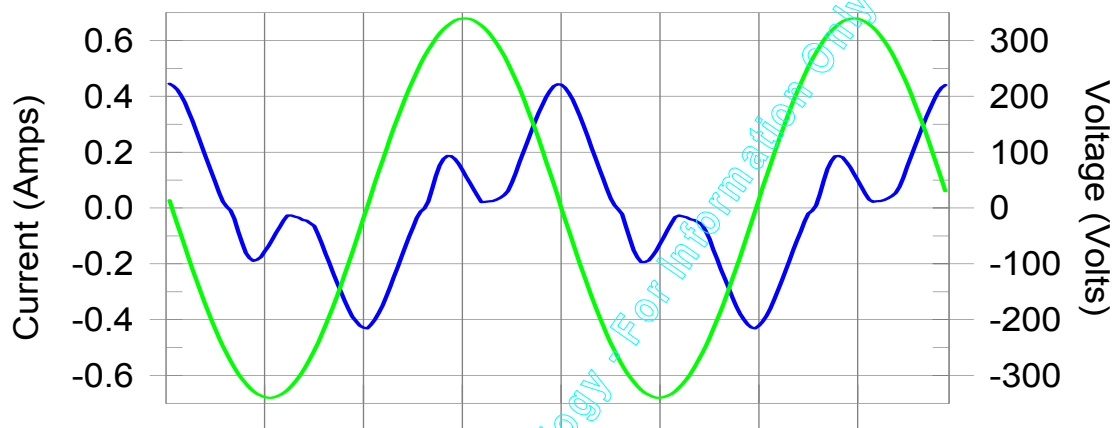
Start time: 12:03:30

Data file name: H-000380.cts\_data

Test Result: Pass

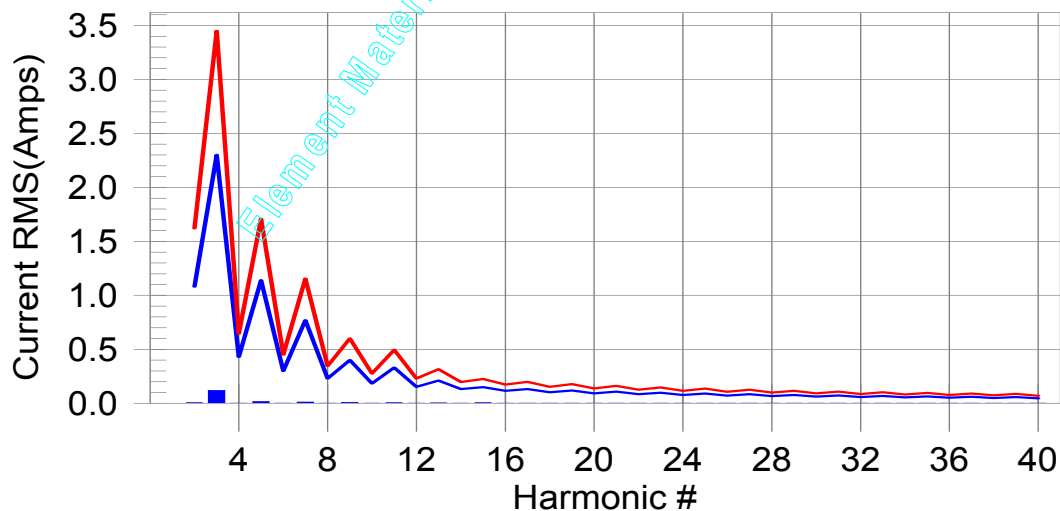
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 5.14% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0005  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 12:03:30  
End time: 12:05:52  
Data file name: H-000380.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.12 I-THD(%): 62.77 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 240.15  
I\_Peak (Amps): 0.447  
I\_Fund (Amps): 0.194  
Power (Watts): 14.6  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.229  
Crest Factor: 1.970  
Power Factor: 0.270

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.27	Pass
3	0.118	2.300	5.1	0.120	3.450	3.48	Pass
4	0.002	0.430	0.4	0.002	0.645	0.31	Pass
5	0.015	1.140	1.3	0.016	1.710	0.93	Pass
6	0.001	0.300	0.2	0.001	0.450	0.17	Pass
7	0.011	0.770	1.4	0.011	1.155	0.98	Pass
8	0.000	0.230	0.2	0.001	0.345	0.15	Pass
9	0.006	0.400	1.6	0.006	0.600	1.06	Pass
10	0.000	0.184	0.2	0.001	0.276	0.20	Pass
11	0.003	0.330	0.9	0.003	0.495	0.65	Pass
12	0.000	0.153	0.2	0.000	0.230	0.18	Pass
13	0.003	0.210	1.5	0.003	0.315	0.99	Pass
14	0.000	0.131	0.2	0.000	0.197	0.13	Pass
15	0.003	0.150	2.3	0.004	0.225	1.57	Pass
16	0.000	0.115	0.2	0.000	0.173	0.15	Pass
17	0.001	0.132	0.7	0.001	0.199	0.49	Pass
18	0.000	0.102	0.2	0.000	0.153	0.16	Pass
19	0.001	0.118	1.2	0.001	0.178	0.82	Pass
20	0.000	0.092	0.2	0.000	0.138	0.13	Pass
21	0.001	0.107	1.0	0.001	0.161	0.67	Pass
22	0.000	0.084	0.2	0.000	0.125	0.13	Pass
23	0.001	0.098	1.0	0.001	0.147	0.68	Pass
24	0.000	0.077	0.2	0.000	0.115	0.15	Pass
25	0.000	0.090	0.3	0.000	0.135	0.24	Pass
26	0.000	0.071	0.2	0.000	0.106	0.15	Pass
27	0.001	0.083	0.8	0.001	0.125	0.56	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.001	0.078	0.8	0.001	0.116	0.54	Pass
30	0.000	0.061	0.3	0.000	0.092	0.20	Pass
31	0.000	0.073	0.2	0.000	0.109	0.15	Pass
32	0.000	0.058	0.3	0.000	0.086	0.25	Pass
33	0.000	0.068	0.5	0.000	0.102	0.36	Pass
34	0.000	0.054	0.2	0.000	0.081	0.17	Pass
35	0.000	0.064	0.5	0.000	0.096	0.37	Pass
36	0.000	0.051	0.2	0.000	0.077	0.17	Pass
37	0.000	0.061	0.4	0.000	0.091	0.27	Pass
38	0.000	0.048	0.2	0.000	0.073	0.17	Pass
39	0.000	0.058	0.2	0.000	0.087	0.18	Pass
40	0.000	0.046	0.2	0.000	0.069	0.16	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0005  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 12:03:30  
End time: 12:05:52  
Data file name: H-000380.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 240.15  
I\_Peak (Amps): 0.447  
I\_Fund (Amps): 0.194  
Power (Watts): 14.6  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.229  
Crest Factor: 1.970  
Power Factor: 0.270

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.174	0.480	36.33	OK
3		0.539	2.160	24.94	OK
4		0.057	0.480	11.79	OK
5		0.059	0.961	6.19	OK
6		0.028	0.480	5.85	OK
7		0.040	0.720	5.53	OK
8		0.018	0.480	3.69	OK
9		0.025	0.480	5.11	OK
10		0.026	0.480	5.32	OK
11		0.026	0.240	10.73	OK
12		0.015	0.240	6.27	OK
13		0.025	0.240	10.29	OK
14		0.008	0.240	3.18	OK
15		0.010	0.240	4.21	OK
16		0.015	0.240	6.08	OK
17		0.010	0.240	4.01	OK
18		0.014	0.240	5.82	OK
19		0.008	0.240	3.25	OK
20		0.015	0.240	6.20	OK
21		0.008	0.240	3.18	OK
22		0.008	0.240	3.13	OK
23		0.007	0.240	2.99	OK
24		0.005	0.240	2.06	OK
25		0.007	0.240	2.74	OK
26		0.008	0.240	3.51	OK
27		0.006	0.240	2.36	OK
28		0.007	0.240	2.75	OK
29		0.006	0.240	2.54	OK
30		0.006	0.240	2.52	OK
31		0.004	0.240	1.74	OK
32		0.005	0.240	1.91	OK
33		0.005	0.240	2.03	OK
34		0.003	0.240	1.05	OK
35		0.003	0.240	1.41	OK
36		0.003	0.240	1.39	OK
37		0.004	0.240	1.60	OK
38		0.003	0.240	1.08	OK
39		0.003	0.240	1.29	OK
40		0.008	0.240	3.49	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0005

Customer: AGD

Tested by: DS

Test Margin: 100

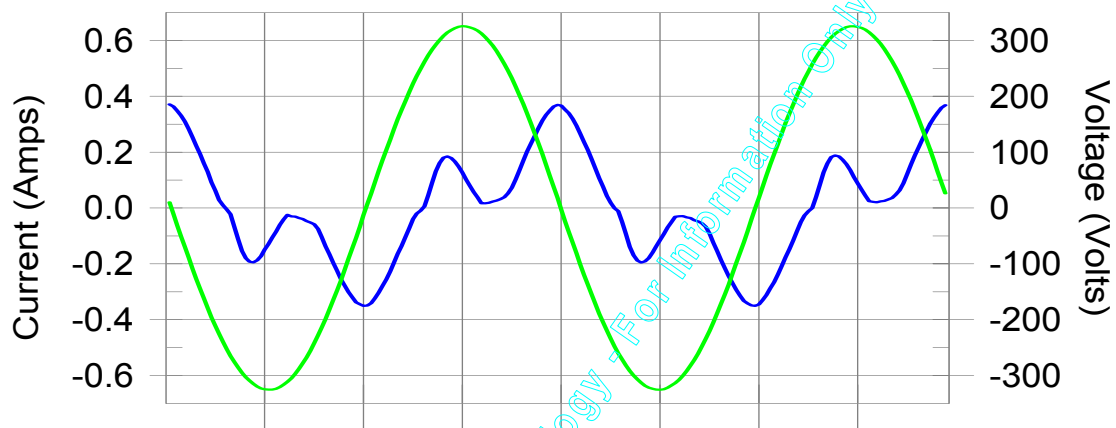
End time: 12:02:50

Data file name: H-000379.cts\_data

Test Result: Pass

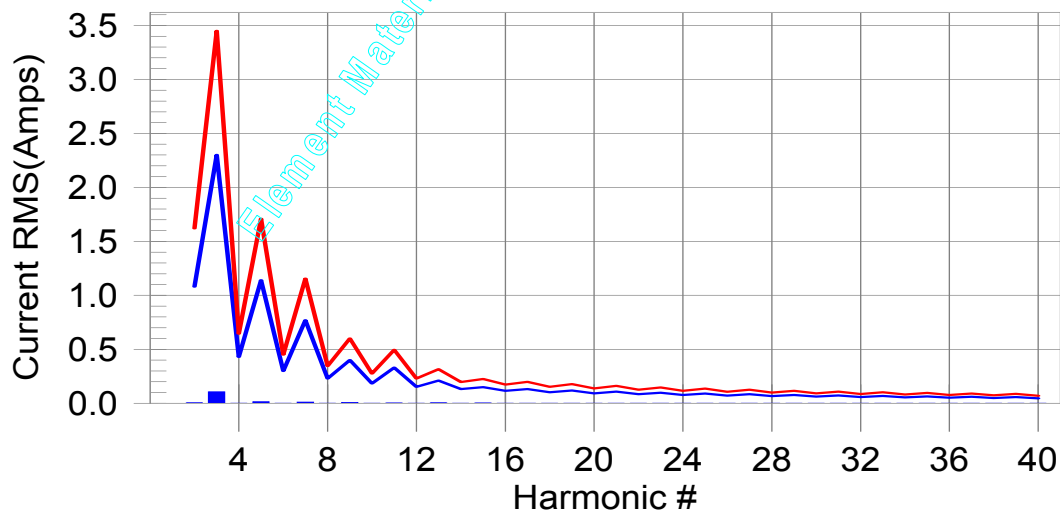
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 4.53% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 12:00:29 End time: 12:02:50  
Test duration (min): 2 Data file name: H-000379.cts\_data  
Comment: Serial: 108402-0005  
Customer: AGD

Test Result: Pass Source qualification: Normal  
THC(A): 0.11 I-THD(%): 67.28 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 230.15 Frequency(Hz): 50.00  
I\_Peak (Amps): 0.371 I\_RMS (Amps): 0.194  
I\_Fund (Amps): 0.161 Crest Factor: 1.934  
Power (Watts): 13.9 Power Factor: 0.319

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.26	Pass
3	0.104	2.300	4.5	0.106	3.450	3.08	Pass
4	0.002	0.430	0.4	0.002	0.645	0.31	Pass
5	0.014	1.140	1.3	0.015	1.710	0.88	Pass
6	0.001	0.300	0.2	0.001	0.450	0.18	Pass
7	0.011	0.770	1.4	0.011	1.155	0.97	Pass
8	0.000	0.230	0.2	0.000	0.345	0.14	Pass
9	0.007	0.400	1.8	0.007	0.600	1.20	Pass
10	0.001	0.184	0.3	0.001	0.276	0.23	Pass
11	0.002	0.330	0.7	0.002	0.495	0.50	Pass
12	0.000	0.153	0.2	0.000	0.230	0.16	Pass
13	0.004	0.210	1.9	0.004	0.315	1.32	Pass
14	0.000	0.131	0.2	0.000	0.197	0.16	Pass
15	0.003	0.150	1.9	0.003	0.225	1.30	Pass
16	0.000	0.115	0.2	0.000	0.173	0.12	Pass
17	0.001	0.132	0.8	0.001	0.199	0.57	Pass
18	0.000	0.102	0.2	0.000	0.153	0.19	Pass
19	0.001	0.118	1.1	0.001	0.178	0.77	Pass
20	0.000	0.092	0.1	0.000	0.138	0.12	Pass
21	0.001	0.107	1.1	0.001	0.161	0.76	Pass
22	0.000	0.084	0.2	0.000	0.125	0.17	Pass
23	0.001	0.098	0.9	0.001	0.147	0.60	Pass
24	0.000	0.077	0.2	0.000	0.115	0.14	Pass
25	0.000	0.090	0.5	0.000	0.135	0.34	Pass
26	0.000	0.071	0.2	0.000	0.106	0.18	Pass
27	0.001	0.083	0.9	0.001	0.125	0.64	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.000	0.078	0.4	0.000	0.116	0.32	Pass
30	0.000	0.061	0.3	0.000	0.092	0.21	Pass
31	0.000	0.073	0.3	0.000	0.109	0.24	Pass
32	0.000	0.058	0.3	0.000	0.086	0.25	Pass
33	0.000	0.068	0.5	0.000	0.102	0.33	Pass
34	0.000	0.054	0.2	0.000	0.081	0.19	Pass
35	0.000	0.064	0.5	0.000	0.096	0.38	Pass
36	0.000	0.051	0.2	0.000	0.077	0.17	Pass
37	0.000	0.061	0.2	0.000	0.091	0.17	Pass
38	0.000	0.048	0.2	0.000	0.073	0.16	Pass
39	0.000	0.058	0.5	0.000	0.087	0.32	Pass
40	0.000	0.046	0.2	0.000	0.069	0.17	Pass



### Voltage Source Verification Data (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 12:00:29 End time: 12:02:50  
Test duration (min): 2 Data file name: H-000379.cts\_data  
Comment: Serial: 108402-0005  
Customer: AGD

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 230.15	Frequency(Hz): 50.00
I_Peak (Amps): 0.371	I_RMS (Amps): 0.194
I_Fund (Amps): 0.161	Crest Factor: 1.934
Power (Watts): 13.9	Power Factor: 0.319

Harm#	Harmonics V-rms	Limit V-rms	% of Limit	Status
2	0.171	0.460	37.12	OK
3	0.504	2.071	24.34	OK
4	0.059	0.460	12.79	OK
5	0.056	0.920	6.10	OK
6	0.032	0.460	6.85	OK
7	0.043	0.690	6.22	OK
8	0.021	0.460	4.63	OK
9	0.021	0.460	4.59	OK
10	0.025	0.460	5.34	OK
11	0.029	0.230	12.81	OK
12	0.017	0.230	7.55	OK
13	0.025	0.230	10.80	OK
14	0.010	0.230	4.38	OK
15	0.010	0.230	4.24	OK
16	0.016	0.230	6.90	OK
17	0.010	0.230	4.15	OK
18	0.015	0.230	6.62	OK
19	0.008	0.230	3.60	OK
20	0.014	0.230	5.93	OK
21	0.009	0.230	4.04	OK
22	0.006	0.230	2.69	OK
23	0.006	0.230	2.44	OK
24	0.006	0.230	2.41	OK
25	0.008	0.230	3.39	OK
26	0.009	0.230	3.92	OK
27	0.007	0.230	3.19	OK
28	0.007	0.230	2.90	OK
29	0.006	0.230	2.52	OK
30	0.005	0.230	2.16	OK
31	0.004	0.230	1.71	OK
32	0.005	0.230	2.25	OK
33	0.006	0.230	2.47	OK
34	0.003	0.230	1.18	OK
35	0.004	0.230	1.55	OK
36	0.003	0.230	1.21	OK
37	0.004	0.230	1.74	OK
38	0.003	0.230	1.21	OK
39	0.004	0.230	1.62	OK
40	0.009	0.230	3.72	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0005

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 11:59:47

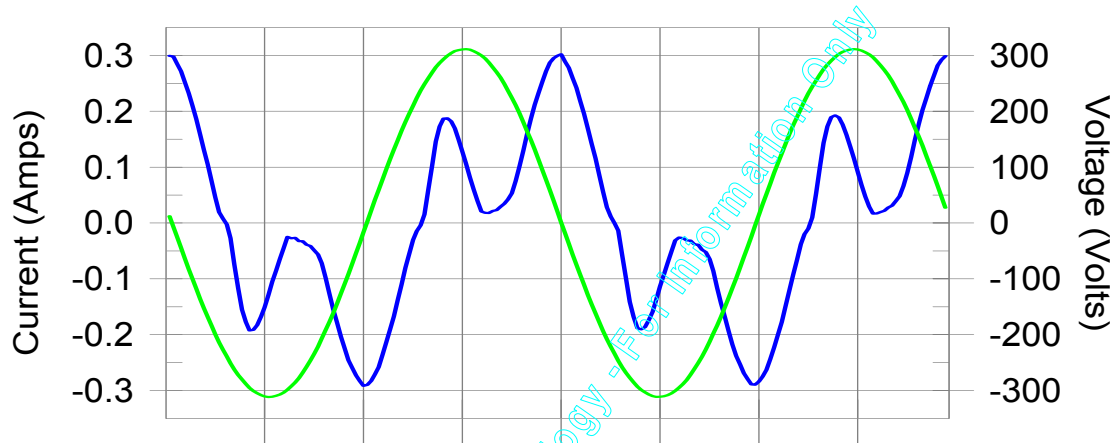
Start time: 11:57:25

Data file name: H-000378.cts\_data

Test Result: Pass

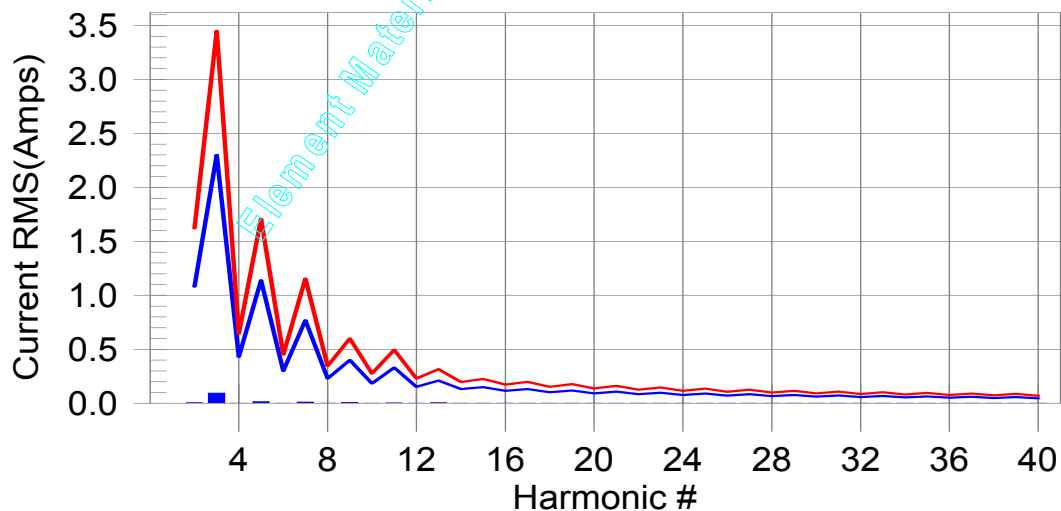
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 4.03% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 11:57:25 End time: 11:59:47  
Test duration (min): 2 Data file name: H-000378.cts\_data  
Comment: Serial: 108402-0005  
Customer: AGD

Test Result: Pass Source qualification: Normal  
THC(A): 0.09 I-THD(%): 73.05 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 220.15 Frequency(Hz): 50.00  
I\_Peak (Amps): 0.306 I\_RMS (Amps): 0.164  
I\_Fund (Amps): 0.132 Crest Factor: 1.888  
Power (Watts): 13.2 Power Factor: 0.374

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.24	Pass
3	0.093	2.300	4.0	0.094	3.450	2.72	Pass
4	0.002	0.430	0.4	0.002	0.645	0.28	Pass
5	0.014	1.140	1.2	0.014	1.710	0.81	Pass
6	0.001	0.300	0.2	0.001	0.450	0.19	Pass
7	0.011	0.770	1.4	0.011	1.155	0.97	Pass
8	0.000	0.230	0.2	0.000	0.345	0.14	Pass
9	0.007	0.400	1.8	0.007	0.600	1.18	Pass
10	0.001	0.184	0.3	0.001	0.276	0.21	Pass
11	0.002	0.330	0.6	0.002	0.495	0.44	Pass
12	0.000	0.153	0.2	0.000	0.230	0.17	Pass
13	0.005	0.210	2.2	0.005	0.315	1.45	Pass
14	0.000	0.131	0.2	0.000	0.197	0.16	Pass
15	0.002	0.150	1.3	0.002	0.225	0.91	Pass
16	0.000	0.115	0.2	0.000	0.173	0.14	Pass
17	0.001	0.132	1.1	0.002	0.199	0.76	Pass
18	0.000	0.102	0.2	0.000	0.153	0.16	Pass
19	0.001	0.118	0.9	0.001	0.178	0.64	Pass
20	0.000	0.092	0.2	0.000	0.138	0.14	Pass
21	0.001	0.107	1.1	0.001	0.161	0.76	Pass
22	0.000	0.084	0.2	0.000	0.125	0.13	Pass
23	0.000	0.098	0.3	0.000	0.147	0.24	Pass
24	0.000	0.077	0.2	0.000	0.115	0.14	Pass
25	0.001	0.090	0.8	0.001	0.135	0.55	Pass
26	0.000	0.071	0.2	0.000	0.106	0.15	Pass
27	0.001	0.083	0.7	0.001	0.125	0.48	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.000	0.078	0.3	0.000	0.116	0.22	Pass
30	0.000	0.061	0.3	0.000	0.092	0.18	Pass
31	0.000	0.073	0.4	0.000	0.109	0.26	Pass
32	0.000	0.058	0.4	0.000	0.086	0.25	Pass
33	0.000	0.068	0.5	0.000	0.102	0.36	Pass
34	0.000	0.054	0.2	0.000	0.081	0.18	Pass
35	0.000	0.064	0.4	0.000	0.096	0.25	Pass
36	0.000	0.051	0.2	0.000	0.077	0.15	Pass
37	0.000	0.061	0.3	0.000	0.091	0.22	Pass
38	0.000	0.048	0.2	0.000	0.073	0.17	Pass
39	0.000	0.058	0.5	0.000	0.087	0.33	Pass
40	0.000	0.046	0.2	0.000	0.069	0.15	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0005  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 11:57:25  
End time: 11:59:47  
Data file name: H-000378.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms):	220.15	Frequency(Hz):	50.00
I_Peak (Amps):	0.306	I_RMS (Amps):	0.164
I_Fund (Amps):	0.132	Crest Factor:	1.888
Power (Watts):	13.2	Power Factor:	0.374

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.150	0.440	34.11	OK
3		0.428	1.981	21.59	OK
4		0.053	0.440	11.95	OK
5		0.054	0.880	6.12	OK
6		0.025	0.440	5.67	OK
7		0.038	0.660	5.72	OK
8		0.019	0.440	4.42	OK
9		0.014	0.440	3.26	OK
10		0.017	0.440	3.77	OK
11		0.023	0.220	10.56	OK
12		0.013	0.220	6.13	OK
13		0.019	0.220	8.53	OK
14		0.011	0.220	5.09	OK
15		0.007	0.220	3.40	OK
16		0.015	0.220	6.63	OK
17		0.007	0.220	3.32	OK
18		0.011	0.220	5.13	OK
19		0.007	0.220	3.25	OK
20		0.010	0.220	4.70	OK
21		0.007	0.220	3.35	OK
22		0.006	0.220	2.64	OK
23		0.005	0.220	2.12	OK
24		0.005	0.220	2.39	OK
25		0.006	0.220	2.80	OK
26		0.009	0.220	4.00	OK
27		0.005	0.220	2.43	OK
28		0.005	0.220	2.37	OK
29		0.005	0.220	2.42	OK
30		0.006	0.220	2.60	OK
31		0.003	0.220	1.48	OK
32		0.005	0.220	2.17	OK
33		0.005	0.220	2.16	OK
34		0.002	0.220	0.97	OK
35		0.003	0.220	1.43	OK
36		0.003	0.220	1.19	OK
37		0.004	0.220	1.60	OK
38		0.002	0.220	1.01	OK
39		0.003	0.220	1.22	OK
40		0.009	0.220	3.91	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0005

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 11:56:31

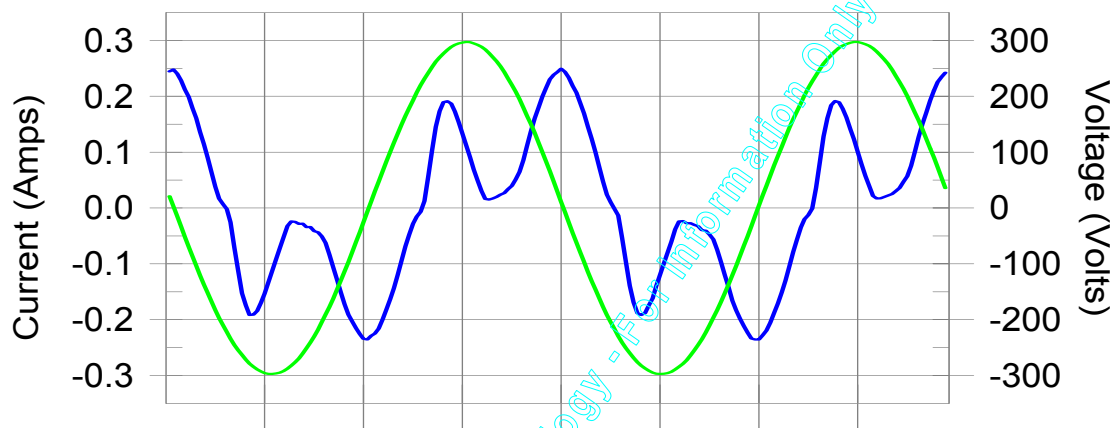
Start time: 11:54:10

Data file name: H-000377.cts\_data

Test Result: Pass

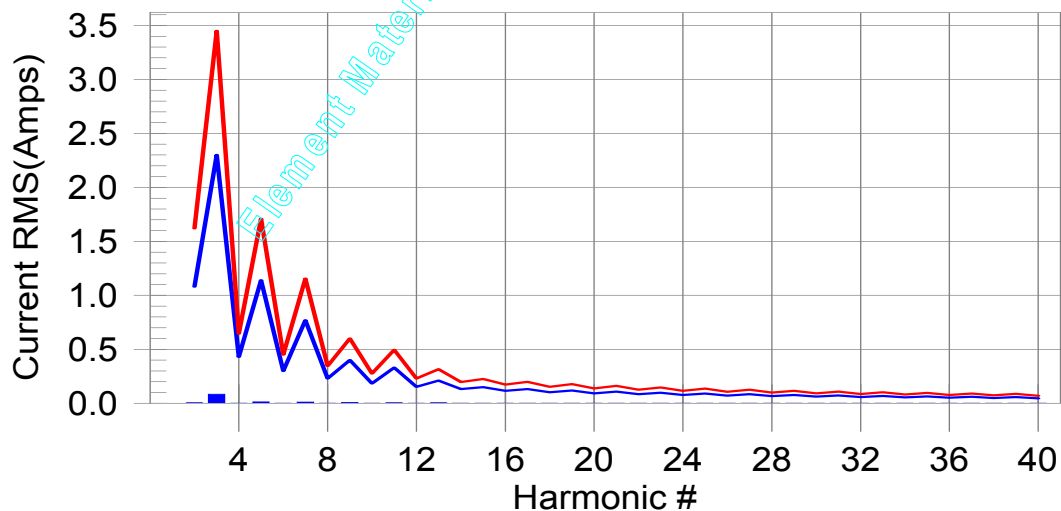
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 3.62% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0005  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 11:54:10  
End time: 11:56:31  
Data file name: H-000377.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.09 I-THD(%): 80.06 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 210.16  
I\_Peak (Amps): 0.251  
I\_Fund (Amps): 0.109  
Power (Watts): 12.6  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.140  
Crest Factor: 1.824  
Power Factor: 0.441

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.24	Pass
3	0.083	2.300	3.6	0.085	3.450	2.46	Pass
4	0.002	0.430	0.4	0.002	0.645	0.29	Pass
5	0.013	1.140	1.1	0.013	1.710	0.77	Pass
6	0.001	0.300	0.2	0.001	0.450	0.19	Pass
7	0.012	0.770	1.6	0.012	1.155	1.05	Pass
8	0.000	0.230	0.2	0.001	0.345	0.15	Pass
9	0.006	0.400	1.6	0.006	0.600	1.06	Pass
10	0.000	0.184	0.2	0.001	0.276	0.19	Pass
11	0.004	0.330	1.2	0.004	0.495	0.79	Pass
12	0.000	0.153	0.3	0.000	0.230	0.19	Pass
13	0.004	0.210	2.1	0.004	0.315	1.39	Pass
14	0.000	0.131	0.2	0.000	0.197	0.12	Pass
15	0.002	0.150	1.2	0.002	0.225	0.81	Pass
16	0.000	0.115	0.2	0.000	0.173	0.16	Pass
17	0.001	0.132	1.0	0.001	0.199	0.67	Pass
18	0.000	0.102	0.2	0.000	0.153	0.15	Pass
19	0.001	0.118	1.2	0.001	0.178	0.80	Pass
20	0.000	0.092	0.2	0.000	0.138	0.15	Pass
21	0.001	0.107	0.9	0.001	0.161	0.61	Pass
22	0.000	0.084	0.2	0.000	0.125	0.12	Pass
23	0.000	0.098	0.4	0.000	0.147	0.30	Pass
24	0.000	0.077	0.2	0.000	0.115	0.16	Pass
25	0.001	0.090	0.7	0.001	0.135	0.51	Pass
26	0.000	0.071	0.2	0.000	0.106	0.15	Pass
27	0.000	0.083	0.5	0.000	0.125	0.35	Pass
28	0.000	0.066	0.3	0.000	0.099	0.23	Pass
29	0.000	0.078	0.3	0.000	0.116	0.18	Pass
30	0.000	0.061	0.2	0.000	0.092	0.17	Pass
31	0.000	0.073	0.6	0.000	0.109	0.38	Pass
32	0.000	0.058	0.4	0.000	0.086	0.26	Pass
33	0.000	0.068	0.5	0.000	0.102	0.33	Pass
34	0.000	0.054	0.2	0.000	0.081	0.15	Pass
35	0.000	0.064	0.2	0.000	0.096	0.14	Pass
36	0.000	0.051	0.2	0.000	0.077	0.16	Pass
37	0.000	0.061	0.4	0.000	0.091	0.30	Pass
38	0.000	0.048	0.2	0.000	0.073	0.15	Pass
39	0.000	0.058	0.4	0.000	0.087	0.29	Pass
40	0.000	0.046	0.2	0.000	0.069	0.18	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0005  
Customer: AGD

Tested by: DS  
Test Margin: 100  
Start time: 11:54:10  
End time: 11:56:31  
Data file name: H-000377.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms):	210.16	Frequency(Hz):	50.00
I_Peak (Amps):	0.251	I_RMS (Amps):	0.140
I_Fund (Amps):	0.109	Crest Factor:	1.824
Power (Watts):	12.6	Power Factor:	0.441

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.153	0.420	36.50	OK
3		0.400	1.890	21.17	OK
4		0.057	0.420	13.62	OK
5		0.054	0.841	6.38	OK
6		0.026	0.420	6.18	OK
7		0.039	0.630	6.19	OK
8		0.020	0.420	4.88	OK
9		0.015	0.420	3.61	OK
10		0.017	0.420	4.00	OK
11		0.023	0.210	10.80	OK
12		0.014	0.210	6.70	OK
13		0.016	0.210	7.63	OK
14		0.013	0.210	6.05	OK
15		0.008	0.210	3.72	OK
16		0.015	0.210	7.02	OK
17		0.008	0.210	3.88	OK
18		0.009	0.210	4.24	OK
19		0.007	0.210	3.27	OK
20		0.009	0.210	4.21	OK
21		0.007	0.210	3.44	OK
22		0.007	0.210	3.13	OK
23		0.005	0.210	2.38	OK
24		0.006	0.210	2.72	OK
25		0.006	0.210	2.90	OK
26		0.008	0.210	3.75	OK
27		0.006	0.210	2.65	OK
28		0.006	0.210	2.66	OK
29		0.006	0.210	2.67	OK
30		0.005	0.210	2.15	OK
31		0.004	0.210	1.76	OK
32		0.004	0.210	2.07	OK
33		0.005	0.210	2.37	OK
34		0.002	0.210	1.00	OK
35		0.003	0.210	1.53	OK
36		0.002	0.210	1.13	OK
37		0.003	0.210	1.66	OK
38		0.002	0.210	1.17	OK
39		0.003	0.210	1.28	OK
40		0.009	0.210	4.22	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Start time: 11:49:35

Test duration (min): 2

Data file name: H-000376.cts\_data

Comment: Serial: 108402-0002

Customer: AGD

Tested by: DS

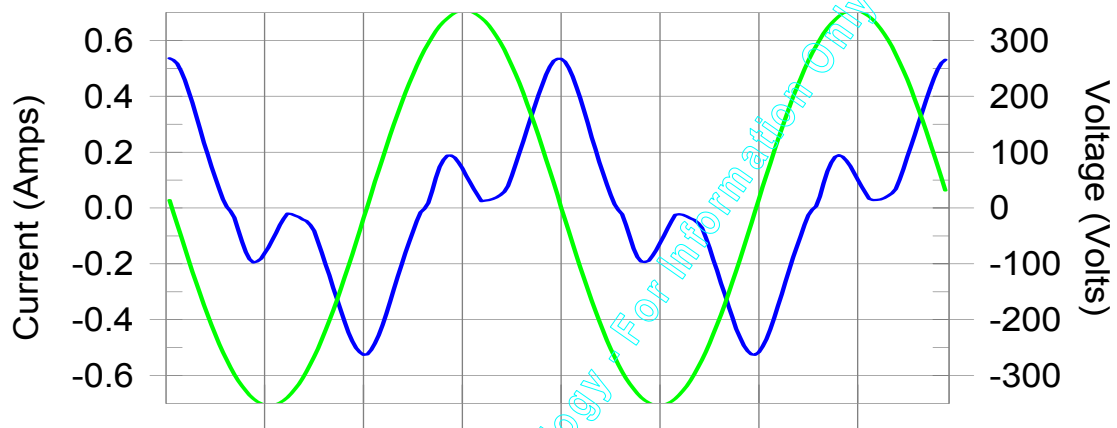
Test Margin: 100

End time: 11:51:57

Test Result: Pass

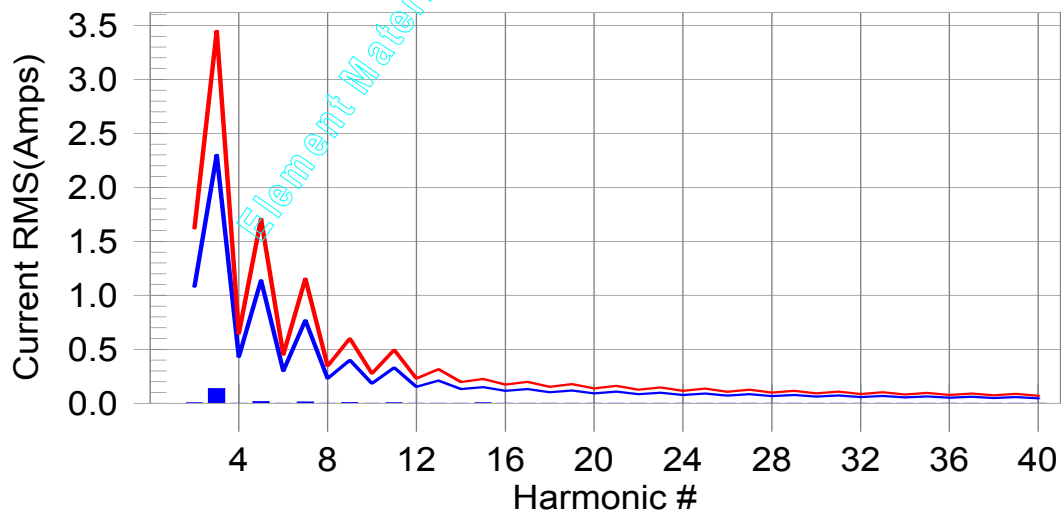
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 5.95% of the limit.



### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0002  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 11:49:35  
End time: 11:51:57  
Data file name: H-000376.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.14 I-THD(%): 60.16 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 250.15  
I\_Peak (Amps): 0.540  
I\_Fund (Amps): 0.234  
Power (Watts): 15.8  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.274  
Crest Factor: 1.990  
Power Factor: 0.236

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.25	Pass
3	0.137	2.300	6.0	0.138	3.450	4.00	Pass
4	0.002	0.430	0.4	0.002	0.645	0.28	Pass
5	0.017	1.140	1.5	0.017	1.710	1.02	Pass
6	0.001	0.300	0.2	0.001	0.450	0.16	Pass
7	0.012	0.770	1.6	0.013	1.155	1.09	Pass
8	0.000	0.230	0.2	0.001	0.345	0.16	Pass
9	0.006	0.400	1.4	0.006	0.600	0.94	Pass
10	0.000	0.184	0.2	0.000	0.276	0.18	Pass
11	0.004	0.330	1.2	0.004	0.495	0.79	Pass
12	0.000	0.153	0.2	0.000	0.230	0.18	Pass
13	0.002	0.210	0.9	0.002	0.315	0.64	Pass
14	0.000	0.131	0.1	0.000	0.197	0.11	Pass
15	0.003	0.150	2.3	0.004	0.225	1.56	Pass
16	0.000	0.115	0.2	0.000	0.173	0.16	Pass
17	0.002	0.132	1.2	0.002	0.199	0.83	Pass
18	0.000	0.102	0.2	0.000	0.153	0.14	Pass
19	0.001	0.118	1.0	0.001	0.178	0.68	Pass
20	0.000	0.092	0.2	0.000	0.138	0.15	Pass
21	0.001	0.107	1.2	0.001	0.161	0.79	Pass
22	0.000	0.084	0.1	0.000	0.125	0.10	Pass
23	0.001	0.098	0.9	0.001	0.147	0.58	Pass
24	0.000	0.077	0.2	0.000	0.115	0.15	Pass
25	0.001	0.090	0.7	0.001	0.135	0.45	Pass
26	0.000	0.071	0.2	0.000	0.106	0.15	Pass
27	0.000	0.083	0.5	0.000	0.125	0.37	Pass
28	0.000	0.066	0.3	0.000	0.099	0.21	Pass
29	0.001	0.078	1.0	0.001	0.116	0.66	Pass
30	0.000	0.061	0.3	0.000	0.092	0.21	Pass
31	0.000	0.073	0.5	0.000	0.109	0.36	Pass
32	0.000	0.058	0.3	0.000	0.086	0.24	Pass
33	0.000	0.068	0.5	0.000	0.102	0.32	Pass
34	0.000	0.054	0.3	0.000	0.081	0.19	Pass
35	0.000	0.064	0.6	0.000	0.096	0.44	Pass
36	0.000	0.051	0.2	0.000	0.077	0.14	Pass
37	0.000	0.061	0.4	0.000	0.091	0.29	Pass
38	0.000	0.048	0.3	0.000	0.073	0.18	Pass
39	0.000	0.058	0.2	0.000	0.087	0.16	Pass
40	0.000	0.046	0.2	0.000	0.069	0.16	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 11:49:35 End time: 11:51:57  
Test duration (min): 2 Data file name: H-000376.cts\_data  
Comment: Serial: 108402-0002  
Customer: AGD

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms):	250.15	Frequency(Hz):	50.00
I_Peak (Amps):	0.540	I_RMS (Amps):	0.274
I_Fund (Amps):	0.234	Crest Factor:	1.990
Power (Watts):	15.8	Power Factor:	0.236

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.179	0.500	35.74	OK
3		0.544	2.251	24.15	OK
4		0.056	0.500	11.15	OK
5		0.066	1.000	6.60	OK
6		0.027	0.500	5.45	OK
7		0.042	0.750	5.55	OK
8		0.015	0.500	3.08	OK
9		0.025	0.500	5.00	OK
10		0.022	0.500	4.40	OK
11		0.020	0.250	7.81	OK
12		0.014	0.250	5.63	OK
13		0.024	0.250	9.47	OK
14		0.009	0.250	3.47	OK
15		0.011	0.250	4.50	OK
16		0.011	0.250	4.34	OK
17		0.009	0.250	3.60	OK
18		0.015	0.250	5.91	OK
19		0.006	0.250	2.54	OK
20		0.015	0.250	6.10	OK
21		0.006	0.250	2.44	OK
22		0.010	0.250	3.90	OK
23		0.006	0.250	2.33	OK
24		0.004	0.250	1.73	OK
25		0.008	0.250	3.10	OK
26		0.007	0.250	2.94	OK
27		0.005	0.250	1.83	OK
28		0.006	0.250	2.55	OK
29		0.005	0.250	1.98	OK
30		0.006	0.250	2.39	OK
31		0.005	0.250	1.90	OK
32		0.006	0.250	2.42	OK
33		0.005	0.250	1.93	OK
34		0.002	0.250	0.99	OK
35		0.002	0.250	0.94	OK
36		0.003	0.250	1.11	OK
37		0.004	0.250	1.50	OK
38		0.003	0.250	1.29	OK
39		0.003	0.250	1.22	OK
40		0.009	0.250	3.53	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0002

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 11:49:02

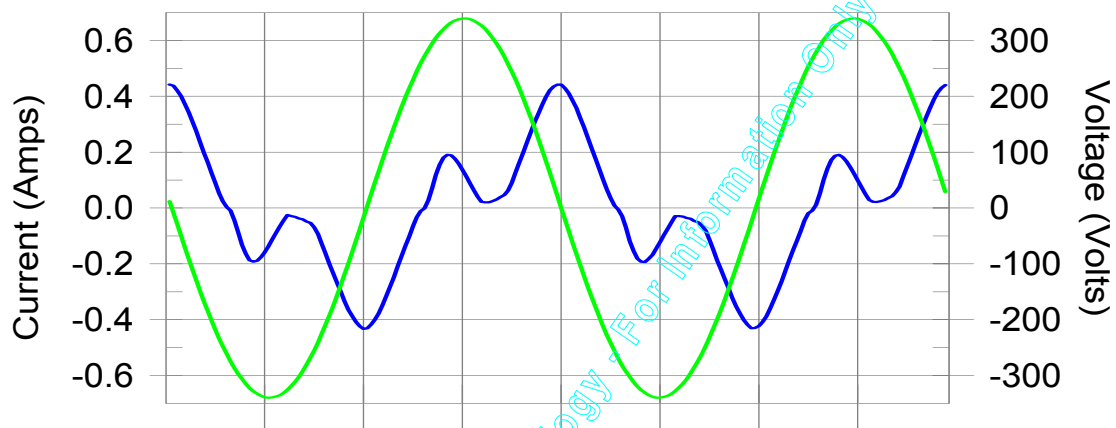
Start time: 11:46:40

Data file name: H-000375.cts\_data

Test Result: Pass

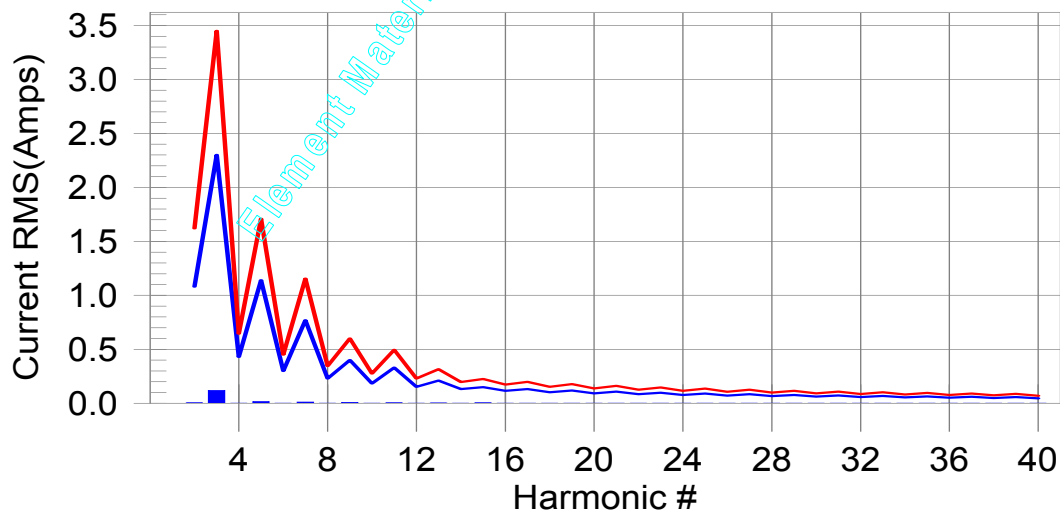
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 5.17% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350 Tested by: DS  
 Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
 Test date: 17/08/2017 Start time: 11:46:40 End time: 11:49:02  
 Test duration (min): 2 Data file name: H-000375.cts\_data  
 Comment: Serial: 108402-0002  
 Customer: AGD

Test Result: Pass Source qualification: Normal  
 THC(A): 0.12 I-THD(%): 63.19 POHC(A): 0.000 POHC Limit(A): 0.251  
 Highest parameter values during test:

V\_RMS (Volts): 240.15 Frequency(Hz): 50.00  
 I\_Peak (Amps): 0.447 I\_RMS (Amps): 0.230  
 I\_Fund (Amps): 0.194 Crest Factor: 1.966  
 Power (Watts): 14.7 Power Factor: 0.275

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.24	Pass
3	0.119	2.300	5.2	0.120	3.450	3.47	Pass
4	0.002	0.430	0.4	0.002	0.645	0.28	Pass
5	0.016	1.140	1.4	0.016	1.710	0.92	Pass
6	0.001	0.300	0.2	0.001	0.450	0.17	Pass
7	0.012	0.770	1.5	0.012	1.155	1.01	Pass
8	0.000	0.230	0.2	0.001	0.345	0.15	Pass
9	0.007	0.400	1.6	0.007	0.600	1.09	Pass
10	0.000	0.184	0.2	0.001	0.276	0.18	Pass
11	0.003	0.330	1.0	0.003	0.495	0.66	Pass
12	0.000	0.153	0.2	0.000	0.230	0.17	Pass
13	0.003	0.210	1.5	0.003	0.315	0.98	Pass
14	0.000	0.131	0.2	0.000	0.197	0.14	Pass
15	0.003	0.150	2.3	0.003	0.225	1.55	Pass
16	0.000	0.115	0.2	0.000	0.173	0.13	Pass
17	0.001	0.132	0.7	0.001	0.199	0.48	Pass
18	0.000	0.102	0.2	0.000	0.153	0.15	Pass
19	0.001	0.118	1.2	0.001	0.178	0.80	Pass
20	0.000	0.092	0.2	0.000	0.138	0.13	Pass
21	0.001	0.107	1.0	0.001	0.161	0.66	Pass
22	0.000	0.084	0.2	0.000	0.125	0.12	Pass
23	0.001	0.098	1.0	0.001	0.147	0.67	Pass
24	0.000	0.077	0.2	0.000	0.115	0.15	Pass
25	0.000	0.090	0.3	0.000	0.135	0.23	Pass
26	0.000	0.071	0.2	0.000	0.106	0.15	Pass
27	0.001	0.083	0.8	0.001	0.125	0.56	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.001	0.078	0.8	0.001	0.116	0.54	Pass
30	0.000	0.061	0.3	0.000	0.092	0.21	Pass
31	0.000	0.073	0.2	0.000	0.109	0.13	Pass
32	0.000	0.058	0.4	0.000	0.086	0.25	Pass
33	0.000	0.068	0.5	0.000	0.102	0.36	Pass
34	0.000	0.054	0.2	0.000	0.081	0.18	Pass
35	0.000	0.064	0.5	0.000	0.096	0.37	Pass
36	0.000	0.051	0.2	0.000	0.077	0.17	Pass
37	0.000	0.061	0.4	0.000	0.091	0.26	Pass
38	0.000	0.048	0.2	0.000	0.073	0.16	Pass
39	0.000	0.058	0.3	0.000	0.087	0.18	Pass
40	0.000	0.046	0.2	0.000	0.069	0.15	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0002  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 11:46:40  
End time: 11:49:02  
Data file name: H-000375.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms):	240.15	Frequency(Hz):	50.00
I_Peak (Amps):	0.447	I_RMS (Amps):	0.230
I_Fund (Amps):	0.194	Crest Factor:	1.966
Power (Watts):	14.7	Power Factor:	0.275

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.162	0.480	33.64	OK
3		0.496	2.161	22.97	OK
4		0.054	0.480	11.15	OK
5		0.055	0.961	5.72	OK
6		0.025	0.480	5.18	OK
7		0.036	0.720	4.97	OK
8		0.015	0.480	3.15	OK
9		0.021	0.480	4.39	OK
10		0.021	0.480	4.36	OK
11		0.021	0.240	8.68	OK
12		0.013	0.240	5.54	OK
13		0.023	0.240	9.40	OK
14		0.008	0.240	3.16	OK
15		0.009	0.240	3.60	OK
16		0.013	0.240	5.37	OK
17		0.008	0.240	3.21	OK
18		0.013	0.240	5.48	OK
19		0.006	0.240	2.61	OK
20		0.015	0.240	6.18	OK
21		0.006	0.240	2.62	OK
22		0.007	0.240	3.01	OK
23		0.005	0.240	2.25	OK
24		0.004	0.240	1.76	OK
25		0.006	0.240	2.50	OK
26		0.008	0.240	3.35	OK
27		0.005	0.240	2.07	OK
28		0.007	0.240	2.75	OK
29		0.005	0.240	2.19	OK
30		0.006	0.240	2.45	OK
31		0.004	0.240	1.53	OK
32		0.005	0.240	1.95	OK
33		0.004	0.240	1.87	OK
34		0.003	0.240	1.11	OK
35		0.003	0.240	1.16	OK
36		0.003	0.240	1.30	OK
37		0.003	0.240	1.38	OK
38		0.002	0.240	1.03	OK
39		0.003	0.240	1.21	OK
40		0.008	0.240	3.50	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0002

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 11:46:07

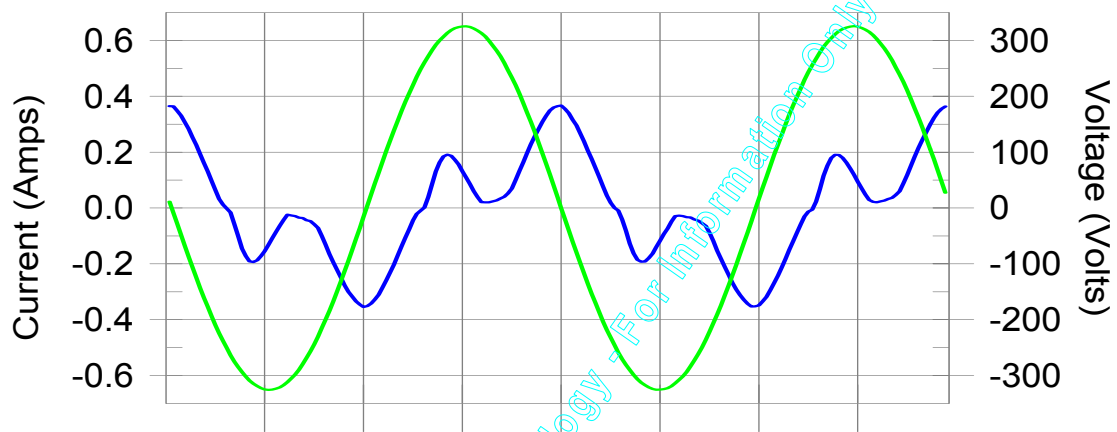
Start time: 11:43:45

Data file name: H-000374.cts\_data

Test Result: Pass

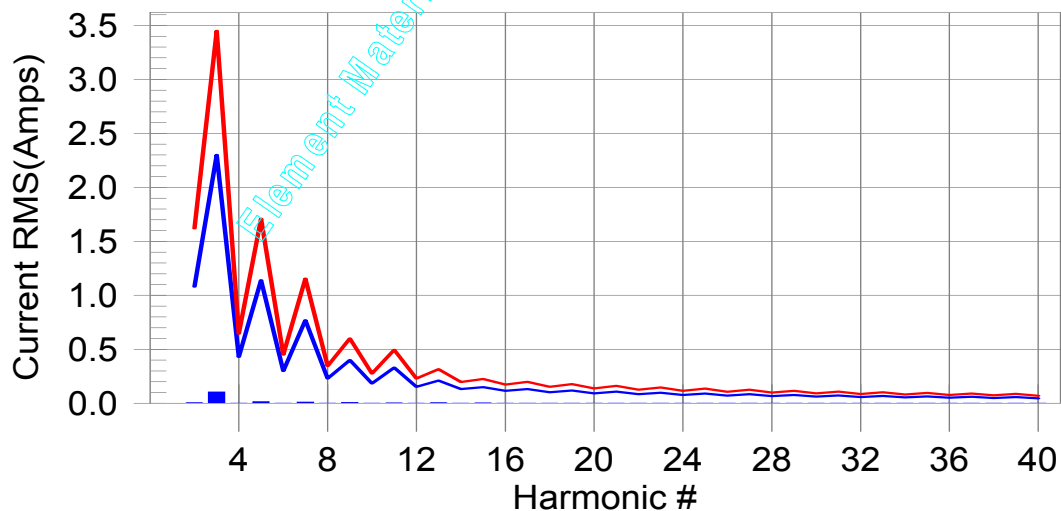
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 4.54% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0002  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 11:43:45  
End time: 11:46:07  
Data file name: H-000374.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.11 I-THD(%): 67.43 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 230.15  
I\_Peak (Amps): 0.370  
I\_Fund (Amps): 0.161  
Power (Watts): 13.9  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.194  
Crest Factor: 1.931  
Power Factor: 0.319

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.25	Pass
3	0.104	2.300	4.5	0.106	3.450	3.07	Pass
4	0.002	0.430	0.4	0.002	0.645	0.29	Pass
5	0.015	1.140	1.3	0.015	1.710	0.88	Pass
6	0.001	0.300	0.2	0.001	0.450	0.17	Pass
7	0.011	0.770	1.4	0.011	1.155	0.98	Pass
8	0.000	0.230	0.2	0.000	0.345	0.14	Pass
9	0.007	0.400	1.8	0.007	0.600	1.22	Pass
10	0.000	0.184	0.3	0.001	0.276	0.20	Pass
11	0.002	0.330	0.7	0.002	0.495	0.49	Pass
12	0.000	0.153	0.2	0.000	0.230	0.16	Pass
13	0.004	0.210	2.0	0.004	0.315	1.31	Pass
14	0.000	0.131	0.2	0.000	0.197	0.15	Pass
15	0.003	0.150	1.9	0.003	0.225	1.30	Pass
16	0.000	0.115	0.1	0.000	0.173	0.11	Pass
17	0.001	0.132	0.8	0.001	0.199	0.55	Pass
18	0.000	0.102	0.2	0.000	0.153	0.17	Pass
19	0.001	0.118	1.1	0.001	0.178	0.71	Pass
20	0.000	0.092	0.1	0.000	0.138	0.12	Pass
21	0.001	0.107	1.1	0.001	0.161	0.72	Pass
22	0.000	0.084	0.2	0.000	0.125	0.15	Pass
23	0.001	0.098	0.8	0.001	0.147	0.57	Pass
24	0.000	0.077	0.2	0.000	0.115	0.13	Pass
25	0.000	0.090	0.5	0.000	0.135	0.32	Pass
26	0.000	0.071	0.2	0.000	0.106	0.17	Pass
27	0.001	0.083	0.9	0.001	0.125	0.60	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.000	0.078	0.5	0.000	0.116	0.32	Pass
30	0.000	0.061	0.3	0.000	0.092	0.21	Pass
31	0.000	0.073	0.3	0.000	0.109	0.21	Pass
32	0.000	0.058	0.4	0.000	0.086	0.26	Pass
33	0.000	0.068	0.5	0.000	0.102	0.32	Pass
34	0.000	0.054	0.2	0.000	0.081	0.19	Pass
35	0.000	0.064	0.5	0.000	0.096	0.36	Pass
36	0.000	0.051	0.2	0.000	0.077	0.16	Pass
37	0.000	0.061	0.2	0.000	0.091	0.18	Pass
38	0.000	0.048	0.2	0.000	0.073	0.15	Pass
39	0.000	0.058	0.4	0.000	0.087	0.30	Pass
40	0.000	0.046	0.2	0.000	0.069	0.17	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0002  
Customer: AGD

Tested by: DS  
Test Margin: 100  
Start time: 11:43:45  
End time: 11:46:07  
Data file name: H-000374.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 230.15	Frequency(Hz): 50.00
I_Peak (Amps): 0.370	I_RMS (Amps): 0.194
I_Fund (Amps): 0.161	Crest Factor: 1.931
Power (Watts): 13.9	Power Factor: 0.319

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.162	0.460	35.12	OK
3		0.483	2.071	23.30	OK
4		0.056	0.460	12.27	OK
5		0.055	0.921	5.95	OK
6		0.027	0.460	5.89	OK
7		0.039	0.690	5.67	OK
8		0.018	0.460	3.95	OK
9		0.018	0.460	3.86	OK
10		0.020	0.460	4.41	OK
11		0.025	0.230	10.80	OK
12		0.014	0.230	6.11	OK
13		0.022	0.230	9.35	OK
14		0.009	0.230	4.04	OK
15		0.008	0.230	3.66	OK
16		0.014	0.230	6.14	OK
17		0.008	0.230	3.47	OK
18		0.013	0.230	5.70	OK
19		0.007	0.230	3.11	OK
20		0.013	0.230	5.67	OK
21		0.008	0.230	3.60	OK
22		0.006	0.230	2.62	OK
23		0.005	0.230	2.19	OK
24		0.005	0.230	2.11	OK
25		0.006	0.230	2.68	OK
26		0.008	0.230	3.69	OK
27		0.006	0.230	2.69	OK
28		0.006	0.230	2.80	OK
29		0.005	0.230	2.31	OK
30		0.005	0.230	2.08	OK
31		0.004	0.230	1.54	OK
32		0.005	0.230	2.23	OK
33		0.005	0.230	2.20	OK
34		0.003	0.230	1.18	OK
35		0.003	0.230	1.32	OK
36		0.003	0.230	1.16	OK
37		0.004	0.230	1.59	OK
38		0.002	0.230	1.00	OK
39		0.003	0.230	1.39	OK
40		0.009	0.230	3.74	OK



## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0002

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 11:42:53

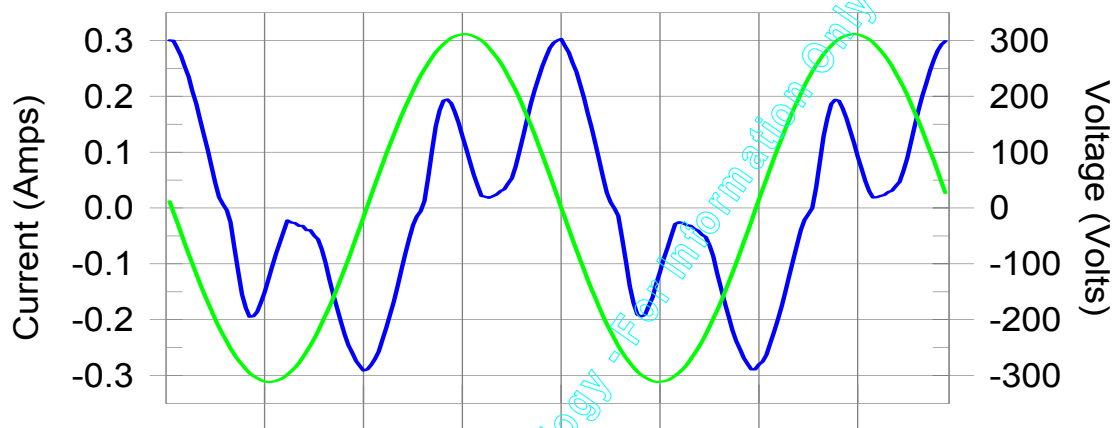
Start time: 11:40:31

Data file name: H-000373.cts\_data

Test Result: Pass

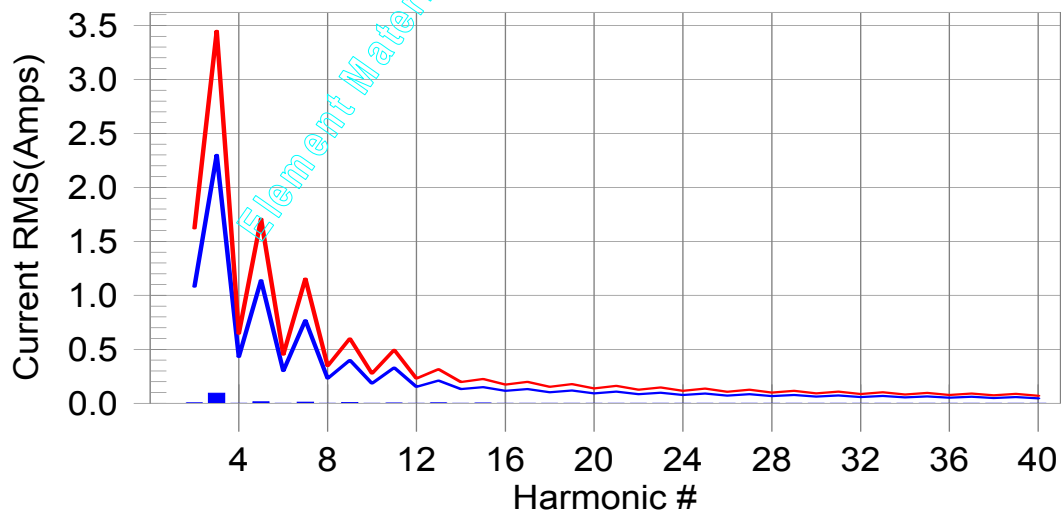
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 4.04% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0002  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 11:40:31  
End time: 11:42:53  
Data file name: H-000373.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.09 I-THD(%): 72.92 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 220.15  
I\_Peak (Amps): 0.306  
I\_Fund (Amps): 0.133  
Power (Watts): 13.3  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.165  
Crest Factor: 1.881  
Power Factor: 0.374

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.26	Pass
3	0.093	2.300	4.0	0.095	3.450	2.75	Pass
4	0.002	0.430	0.4	0.002	0.645	0.31	Pass
5	0.014	1.140	1.2	0.015	1.710	0.87	Pass
6	0.001	0.300	0.2	0.001	0.450	0.22	Pass
7	0.012	0.770	1.5	0.012	1.155	1.05	Pass
8	0.000	0.230	0.2	0.000	0.345	0.14	Pass
9	0.008	0.400	1.9	0.008	0.600	1.29	Pass
10	0.000	0.184	0.3	0.001	0.276	0.23	Pass
11	0.002	0.330	0.7	0.002	0.495	0.50	Pass
12	0.000	0.153	0.2	0.000	0.230	0.18	Pass
13	0.005	0.210	2.2	0.005	0.315	1.49	Pass
14	0.000	0.131	0.2	0.000	0.197	0.16	Pass
15	0.002	0.150	1.4	0.002	0.225	0.98	Pass
16	0.000	0.115	0.2	0.000	0.173	0.14	Pass
17	0.001	0.132	1.1	0.001	0.199	0.75	Pass
18	0.000	0.102	0.2	0.000	0.153	0.20	Pass
19	0.001	0.118	0.9	0.001	0.178	0.65	Pass
20	0.000	0.092	0.2	0.000	0.138	0.16	Pass
21	0.001	0.107	1.2	0.001	0.161	0.81	Pass
22	0.000	0.084	0.2	0.000	0.125	0.14	Pass
23	0.000	0.098	0.4	0.000	0.147	0.31	Pass
24	0.000	0.077	0.2	0.000	0.115	0.16	Pass
25	0.001	0.090	0.7	0.001	0.135	0.52	Pass
26	0.000	0.071	0.2	0.000	0.106	0.16	Pass
27	0.001	0.083	0.7	0.001	0.125	0.51	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.000	0.078	0.3	0.000	0.116	0.24	Pass
30	0.000	0.061	0.3	0.000	0.092	0.19	Pass
31	0.000	0.073	0.3	0.000	0.109	0.26	Pass
32	0.000	0.058	0.3	0.000	0.086	0.25	Pass
33	0.000	0.068	0.5	0.000	0.102	0.39	Pass
34	0.000	0.054	0.2	0.000	0.081	0.19	Pass
35	0.000	0.064	0.4	0.000	0.096	0.32	Pass
36	0.000	0.051	0.2	0.000	0.077	0.16	Pass
37	0.000	0.061	0.2	0.000	0.091	0.20	Pass
38	0.000	0.048	0.2	0.000	0.073	0.17	Pass
39	0.000	0.058	0.5	0.000	0.087	0.35	Pass
40	0.000	0.046	0.2	0.000	0.069	0.16	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0002  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 11:40:31  
End time: 11:42:53  
Data file name: H-000373.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 220.15	Frequency(Hz): 50.00
I_Peak (Amps): 0.306	I_RMS (Amps): 0.165
I_Fund (Amps): 0.133	Crest Factor: 1.881
Power (Watts): 13.3	Power Factor: 0.374

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.162	0.440	36.85	OK
3		0.469	1.980	23.67	OK
4		0.060	0.440	13.72	OK
5		0.061	0.880	6.98	OK
6		0.031	0.440	7.00	OK
7		0.045	0.660	6.86	OK
8		0.022	0.440	4.97	OK
9		0.018	0.440	4.20	OK
10		0.021	0.440	4.78	OK
11		0.030	0.220	13.56	OK
12		0.018	0.220	8.15	OK
13		0.025	0.220	11.36	OK
14		0.013	0.220	5.79	OK
15		0.010	0.220	4.46	OK
16		0.017	0.220	7.54	OK
17		0.009	0.220	4.31	OK
18		0.015	0.220	6.64	OK
19		0.010	0.220	4.75	OK
20		0.011	0.220	5.16	OK
21		0.009	0.220	4.12	OK
22		0.006	0.220	2.79	OK
23		0.007	0.220	3.17	OK
24		0.006	0.220	2.86	OK
25		0.008	0.220	3.74	OK
26		0.009	0.220	4.22	OK
27		0.007	0.220	3.28	OK
28		0.006	0.220	2.57	OK
29		0.007	0.220	3.05	OK
30		0.006	0.220	2.60	OK
31		0.005	0.220	2.16	OK
32		0.005	0.220	2.33	OK
33		0.006	0.220	2.87	OK
34		0.002	0.220	1.10	OK
35		0.004	0.220	2.00	OK
36		0.003	0.220	1.22	OK
37		0.004	0.220	1.99	OK
38		0.003	0.220	1.14	OK
39		0.004	0.220	1.94	OK
40		0.008	0.220	3.85	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0002

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 11:39:43

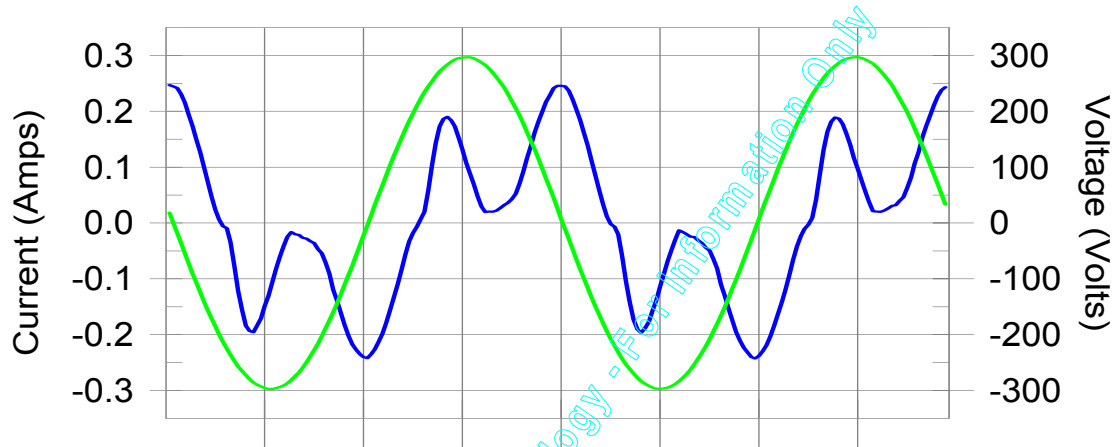
Start time: 11:37:21

Data file name: H-000372.cts\_data

Test Result: Pass

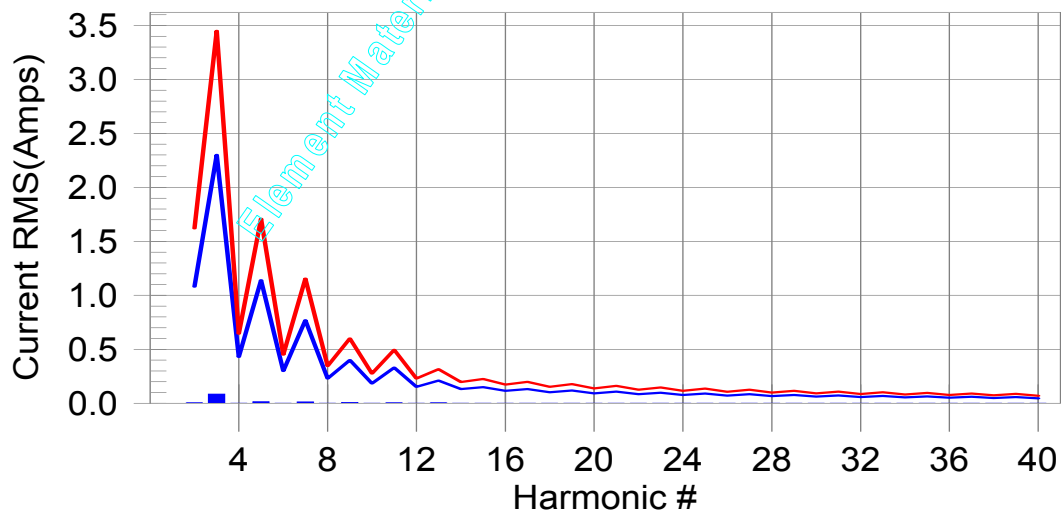
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 3.60% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0002  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
End time: 11:39:43  
Data file name: H-000372.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.09 I-THD(%): 80.19 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 210.16  
I\_Peak (Amps): 0.251  
I\_Fund (Amps): 0.110  
Power (Watts): 12.7  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.141  
Crest Factor: 1.825  
Power Factor: 0.443

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.25	Pass
3	0.083	2.300	3.6	0.086	3.450	2.48	Pass
4	0.002	0.430	0.4	0.002	0.645	0.32	Pass
5	0.014	1.140	1.2	0.014	1.710	0.85	Pass
6	0.001	0.300	0.2	0.001	0.450	0.21	Pass
7	0.013	0.770	1.6	0.013	1.155	1.13	Pass
8	0.000	0.230	0.2	0.001	0.345	0.17	Pass
9	0.007	0.400	1.7	0.007	0.600	1.18	Pass
10	0.000	0.184	0.3	0.001	0.276	0.23	Pass
11	0.004	0.330	1.1	0.004	0.495	0.76	Pass
12	0.000	0.153	0.3	0.001	0.230	0.23	Pass
13	0.004	0.210	2.1	0.004	0.315	1.43	Pass
14	0.000	0.131	0.1	0.000	0.197	0.13	Pass
15	0.002	0.150	1.2	0.002	0.225	0.89	Pass
16	0.000	0.115	0.2	0.000	0.173	0.18	Pass
17	0.001	0.132	1.0	0.001	0.199	0.73	Pass
18	0.000	0.102	0.2	0.000	0.153	0.15	Pass
19	0.001	0.118	1.1	0.001	0.178	0.79	Pass
20	0.000	0.092	0.2	0.000	0.138	0.18	Pass
21	0.001	0.107	0.9	0.001	0.161	0.65	Pass
22	0.000	0.084	0.2	0.000	0.125	0.12	Pass
23	0.000	0.098	0.3	0.000	0.147	0.27	Pass
24	0.000	0.077	0.2	0.000	0.115	0.17	Pass
25	0.001	0.090	0.7	0.001	0.135	0.52	Pass
26	0.000	0.071	0.2	0.000	0.106	0.15	Pass
27	0.000	0.083	0.5	0.000	0.125	0.39	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.000	0.078	0.2	0.000	0.116	0.20	Pass
30	0.000	0.061	0.2	0.000	0.092	0.17	Pass
31	0.000	0.073	0.5	0.000	0.109	0.38	Pass
32	0.000	0.058	0.4	0.000	0.086	0.26	Pass
33	0.000	0.068	0.5	0.000	0.102	0.37	Pass
34	0.000	0.054	0.2	0.000	0.081	0.16	Pass
35	0.000	0.064	0.2	0.000	0.096	0.15	Pass
36	0.000	0.051	0.2	0.000	0.077	0.18	Pass
37	0.000	0.061	0.4	0.000	0.091	0.30	Pass
38	0.000	0.048	0.2	0.000	0.073	0.16	Pass
39	0.000	0.058	0.4	0.000	0.087	0.33	Pass
40	0.000	0.046	0.2	0.000	0.069	0.19	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0002  
Customer: AGD

Tested by: DS  
Test Margin: 100  
Start time: 11:37:21  
End time: 11:39:43  
Data file name: H-000372.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms):	210.16	Frequency(Hz):	50.00
I_Peak (Amps):	0.251	I_RMS (Amps):	0.141
I_Fund (Amps):	0.110	Crest Factor:	1.825
Power (Watts):	12.7	Power Factor:	0.443

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.154	0.420	36.59	OK
3		0.428	1.890	22.67	OK
4		0.062	0.420	14.72	OK
5		0.059	0.840	7.01	OK
6		0.029	0.420	6.84	OK
7		0.046	0.630	7.29	OK
8		0.022	0.420	5.23	OK
9		0.019	0.420	4.46	OK
10		0.021	0.420	4.96	OK
11		0.029	0.210	13.96	OK
12		0.018	0.210	8.46	OK
13		0.020	0.210	9.53	OK
14		0.014	0.210	6.47	OK
15		0.010	0.210	4.95	OK
16		0.017	0.210	7.96	OK
17		0.011	0.210	5.12	OK
18		0.012	0.210	5.74	OK
19		0.009	0.210	4.42	OK
20		0.010	0.210	4.84	OK
21		0.010	0.210	4.69	OK
22		0.007	0.210	3.43	OK
23		0.007	0.210	3.13	OK
24		0.007	0.210	3.29	OK
25		0.009	0.210	4.06	OK
26		0.009	0.210	4.36	OK
27		0.007	0.210	3.54	OK
28		0.006	0.210	2.90	OK
29		0.007	0.210	3.35	OK
30		0.005	0.210	2.46	OK
31		0.005	0.210	2.44	OK
32		0.006	0.210	2.70	OK
33		0.006	0.210	3.06	OK
34		0.003	0.210	1.41	OK
35		0.004	0.210	2.08	OK
36		0.003	0.210	1.39	OK
37		0.004	0.210	2.12	OK
38		0.003	0.210	1.37	OK
39		0.004	0.210	1.69	OK
40		0.009	0.210	4.19	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Start time: 11:07:51

Test duration (min): 2

Data file name: H-000371.cts\_data

Comment: Serial: 108402-0003

Customer: AGD

Tested by: DS

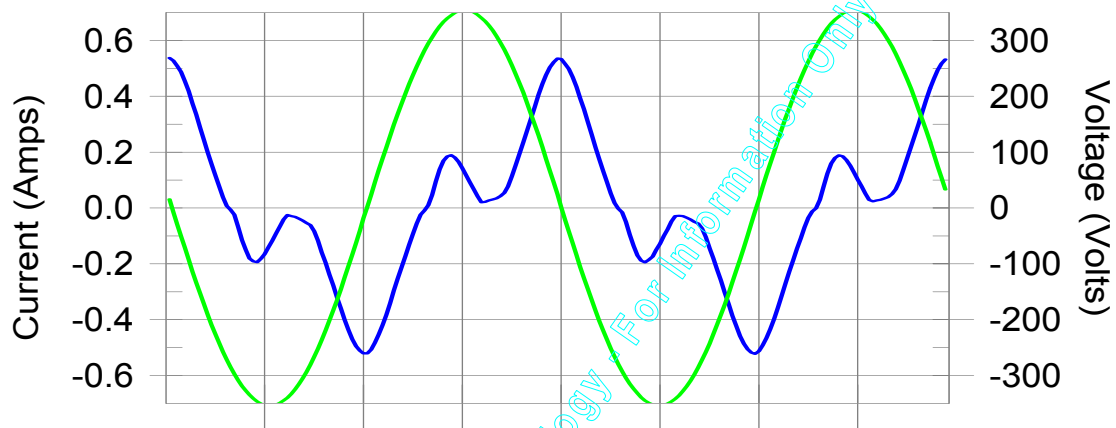
Test Margin: 100

End time: 11:10:13

Test Result: Pass

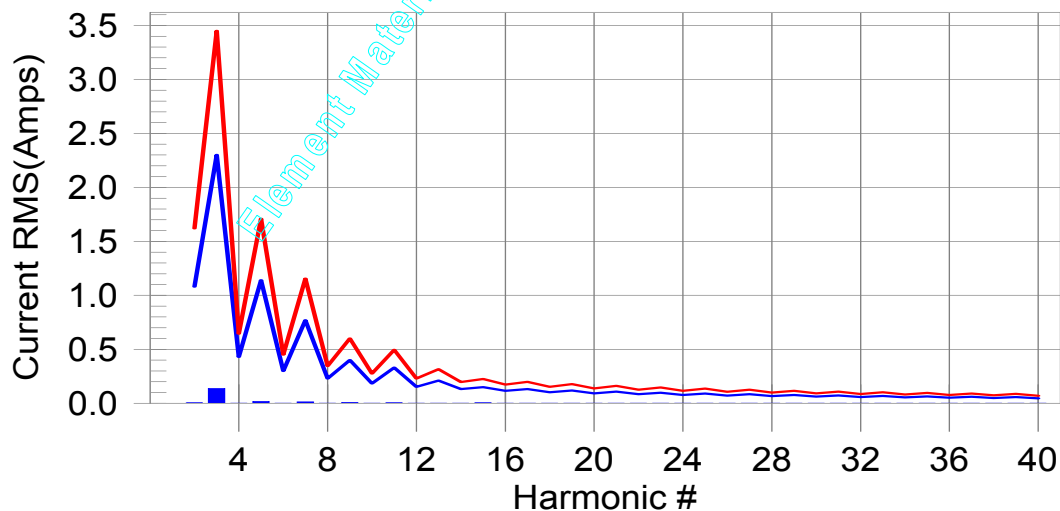
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 5.90% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0003  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 11:07:51  
End time: 11:10:13  
Data file name: H-000371.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.14 I-THD(%): 59.71 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 250.15  
I\_Peak (Amps): 0.539  
I\_Fund (Amps): 0.234  
Power (Watts): 15.4  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.273  
Crest Factor: 1.992  
Power Factor: 0.231

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.27	Pass
3	0.136	2.300	5.9	0.138	3.450	3.99	Pass
4	0.002	0.430	0.4	0.002	0.645	0.32	Pass
5	0.017	1.140	1.5	0.018	1.710	1.05	Pass
6	0.001	0.300	0.2	0.001	0.450	0.17	Pass
7	0.013	0.770	1.6	0.013	1.155	1.12	Pass
8	0.000	0.230	0.2	0.001	0.345	0.16	Pass
9	0.006	0.400	1.5	0.006	0.600	1.02	Pass
10	0.000	0.184	0.2	0.001	0.276	0.18	Pass
11	0.004	0.330	1.3	0.005	0.495	0.91	Pass
12	0.000	0.153	0.2	0.000	0.230	0.20	Pass
13	0.002	0.210	0.8	0.002	0.315	0.56	Pass
14	0.000	0.131	0.1	0.000	0.197	0.11	Pass
15	0.004	0.150	2.4	0.004	0.225	1.61	Pass
16	0.000	0.115	0.2	0.000	0.173	0.16	Pass
17	0.002	0.132	1.4	0.002	0.199	0.97	Pass
18	0.000	0.102	0.2	0.000	0.153	0.14	Pass
19	0.001	0.118	0.9	0.001	0.178	0.63	Pass
20	0.000	0.092	0.2	0.000	0.138	0.16	Pass
21	0.001	0.107	1.1	0.001	0.161	0.76	Pass
22	0.000	0.084	0.1	0.000	0.125	0.10	Pass
23	0.001	0.098	0.9	0.001	0.147	0.62	Pass
24	0.000	0.077	0.2	0.000	0.115	0.16	Pass
25	0.001	0.090	0.8	0.001	0.135	0.54	Pass
26	0.000	0.071	0.2	0.000	0.106	0.15	Pass
27	0.000	0.083	0.4	0.000	0.125	0.27	Pass
28	0.000	0.066	0.3	0.000	0.099	0.21	Pass
29	0.001	0.078	0.9	0.001	0.116	0.65	Pass
30	0.000	0.061	0.3	0.000	0.092	0.22	Pass
31	0.000	0.073	0.6	0.000	0.109	0.44	Pass
32	0.000	0.058	0.3	0.000	0.086	0.24	Pass
33	0.000	0.068	0.3	0.000	0.102	0.21	Pass
34	0.000	0.054	0.3	0.000	0.081	0.20	Pass
35	0.000	0.064	0.6	0.000	0.096	0.39	Pass
36	0.000	0.051	0.2	0.000	0.077	0.15	Pass
37	0.000	0.061	0.5	0.000	0.091	0.33	Pass
38	0.000	0.048	0.3	0.000	0.073	0.18	Pass
39	0.000	0.058	0.4	0.000	0.087	0.25	Pass
40	0.000	0.046	0.2	0.000	0.069	0.16	Pass



### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0003  
Customer: AGD

Tested by: DS  
Test Margin: 100  
Start time: 11:07:51  
End time: 11:10:13  
Data file name: H-000371.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 250.15  
I\_Peak (Amps): 0.539  
I\_Fund (Amps): 0.234  
Power (Watts): 15.4

Frequency(Hz): 50.00  
I\_RMS (Amps): 0.273  
Crest Factor: 1.992  
Power Factor: 0.231

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.185	0.500	37.01	OK
3		0.575	2.251	25.54	OK
4		0.060	0.500	12.06	OK
5		0.074	1.000	7.37	OK
6		0.031	0.500	6.18	OK
7		0.051	0.750	6.84	OK
8		0.017	0.500	3.48	OK
9		0.030	0.500	5.97	OK
10		0.027	0.500	5.44	OK
11		0.025	0.250	9.86	OK
12		0.017	0.250	6.81	OK
13		0.027	0.250	10.84	OK
14		0.009	0.250	3.58	OK
15		0.013	0.250	5.33	OK
16		0.011	0.250	4.56	OK
17		0.011	0.250	4.59	OK
18		0.017	0.250	6.76	OK
19		0.008	0.250	3.18	OK
20		0.016	0.250	6.52	OK
21		0.007	0.250	2.91	OK
22		0.010	0.250	3.82	OK
23		0.007	0.250	2.88	OK
24		0.005	0.250	1.96	OK
25		0.009	0.250	3.41	OK
26		0.008	0.250	3.10	OK
27		0.005	0.250	2.16	OK
28		0.006	0.250	2.59	OK
29		0.006	0.250	2.47	OK
30		0.006	0.250	2.41	OK
31		0.006	0.250	2.34	OK
32		0.006	0.250	2.35	OK
33		0.005	0.250	2.00	OK
34		0.003	0.250	1.12	OK
35		0.003	0.250	1.17	OK
36		0.003	0.250	1.17	OK
37		0.004	0.250	1.71	OK
38		0.003	0.250	1.32	OK
39		0.003	0.250	1.34	OK
40		0.009	0.250	3.55	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0003

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 11:07:17

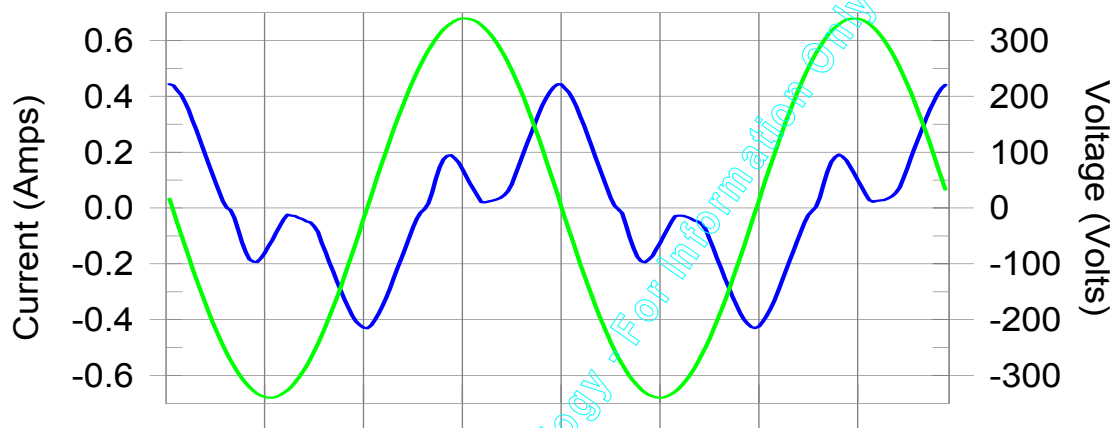
Start time: 11:04:55

Data file name: H-000370.cts\_data

Test Result: Pass

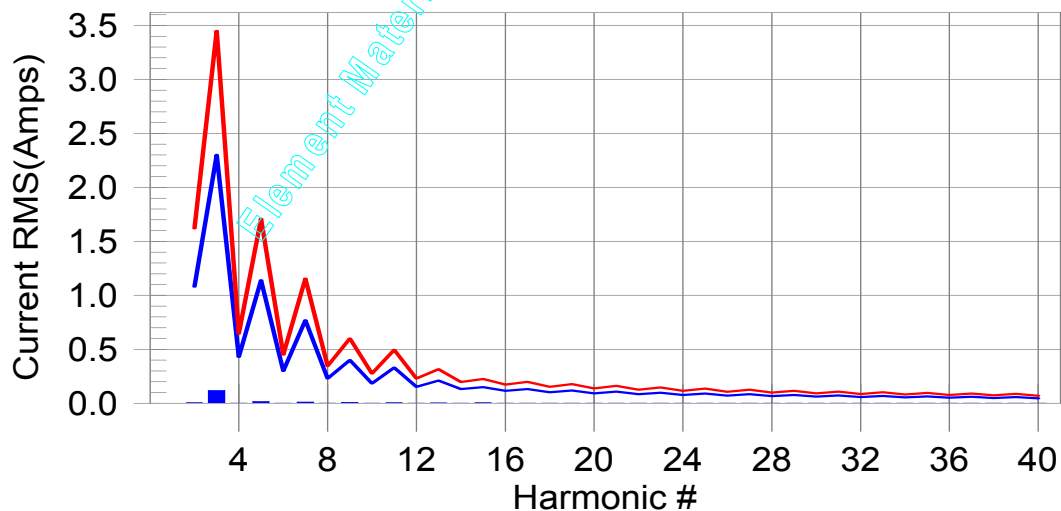
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 5.14% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0003  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 11:04:55  
End time: 11:07:17  
Data file name: H-000370.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.12 I-THD(%): 62.99 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 240.15  
I\_Peak (Amps): 0.447  
I\_Fund (Amps): 0.194  
Power (Watts): 14.5  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.229  
Crest Factor: 1.970  
Power Factor: 0.270

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.24	Pass
3	0.118	2.300	5.1	0.119	3.450	3.46	Pass
4	0.002	0.430	0.4	0.002	0.645	0.29	Pass
5	0.015	1.140	1.4	0.016	1.710	0.92	Pass
6	0.001	0.300	0.2	0.001	0.450	0.18	Pass
7	0.012	0.770	1.5	0.012	1.155	1.03	Pass
8	0.000	0.230	0.2	0.001	0.345	0.15	Pass
9	0.007	0.400	1.8	0.007	0.600	1.18	Pass
10	0.000	0.184	0.2	0.001	0.276	0.19	Pass
11	0.004	0.330	1.1	0.004	0.495	0.76	Pass
12	0.000	0.153	0.2	0.000	0.230	0.19	Pass
13	0.003	0.210	1.4	0.003	0.315	0.92	Pass
14	0.000	0.131	0.2	0.000	0.197	0.14	Pass
15	0.004	0.150	2.4	0.004	0.225	1.59	Pass
16	0.000	0.115	0.2	0.000	0.173	0.14	Pass
17	0.001	0.132	0.9	0.001	0.199	0.58	Pass
18	0.000	0.102	0.2	0.000	0.153	0.16	Pass
19	0.001	0.118	1.1	0.001	0.178	0.75	Pass
20	0.000	0.092	0.2	0.000	0.138	0.13	Pass
21	0.001	0.107	0.9	0.001	0.161	0.63	Pass
22	0.000	0.084	0.2	0.000	0.125	0.12	Pass
23	0.001	0.098	1.1	0.001	0.147	0.72	Pass
24	0.000	0.077	0.2	0.000	0.115	0.15	Pass
25	0.000	0.090	0.4	0.000	0.135	0.29	Pass
26	0.000	0.071	0.2	0.000	0.106	0.15	Pass
27	0.001	0.083	0.7	0.001	0.125	0.50	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.001	0.078	0.8	0.001	0.116	0.56	Pass
30	0.000	0.061	0.3	0.000	0.092	0.20	Pass
31	0.000	0.073	0.3	0.000	0.109	0.22	Pass
32	0.000	0.058	0.4	0.000	0.086	0.25	Pass
33	0.000	0.068	0.4	0.000	0.102	0.27	Pass
34	0.000	0.054	0.2	0.000	0.081	0.18	Pass
35	0.000	0.064	0.5	0.000	0.096	0.35	Pass
36	0.000	0.051	0.2	0.000	0.077	0.17	Pass
37	0.000	0.061	0.5	0.000	0.091	0.32	Pass
38	0.000	0.048	0.2	0.000	0.073	0.17	Pass
39	0.000	0.058	0.2	0.000	0.087	0.17	Pass
40	0.000	0.046	0.2	0.000	0.069	0.16	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0003  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 11:04:55  
End time: 11:07:17  
Data file name: H-000370.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms):	240.15	Frequency(Hz):	50.00
I_Peak (Amps):	0.447	I_RMS (Amps):	0.229
I_Fund (Amps):	0.194	Crest Factor:	1.970
Power (Watts):	14.5	Power Factor:	0.270

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.163	0.480	33.91	OK
3		0.507	2.161	23.44	OK
4		0.053	0.480	11.00	OK
5		0.057	0.961	5.97	OK
6		0.028	0.480	5.76	OK
7		0.037	0.720	5.11	OK
8		0.016	0.480	3.42	OK
9		0.022	0.480	4.51	OK
10		0.021	0.480	4.33	OK
11		0.021	0.240	8.91	OK
12		0.014	0.240	5.63	OK
13		0.023	0.240	9.73	OK
14		0.008	0.240	3.34	OK
15		0.009	0.240	3.63	OK
16		0.013	0.240	5.45	OK
17		0.008	0.240	3.34	OK
18		0.013	0.240	5.48	OK
19		0.007	0.240	2.74	OK
20		0.015	0.240	6.21	OK
21		0.007	0.240	2.74	OK
22		0.007	0.240	3.05	OK
23		0.006	0.240	2.36	OK
24		0.004	0.240	1.82	OK
25		0.006	0.240	2.42	OK
26		0.008	0.240	3.34	OK
27		0.005	0.240	2.27	OK
28		0.007	0.240	2.79	OK
29		0.005	0.240	2.26	OK
30		0.006	0.240	2.50	OK
31		0.004	0.240	1.52	OK
32		0.005	0.240	1.89	OK
33		0.004	0.240	1.85	OK
34		0.003	0.240	1.10	OK
35		0.003	0.240	1.30	OK
36		0.003	0.240	1.30	OK
37		0.003	0.240	1.43	OK
38		0.003	0.240	1.07	OK
39		0.003	0.240	1.19	OK
40		0.009	0.240	3.62	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0003

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 11:04:17

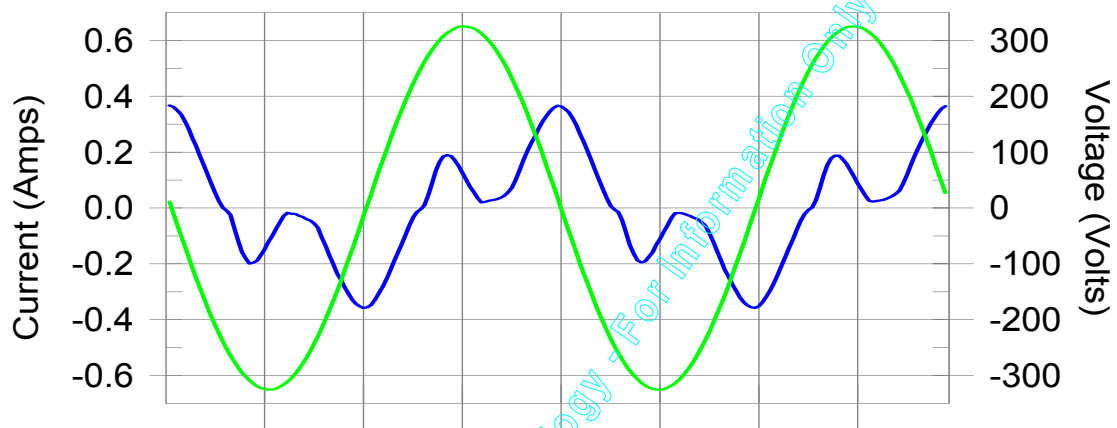
Start time: 11:01:56

Data file name: H-000369.cts\_data

Test Result: Pass

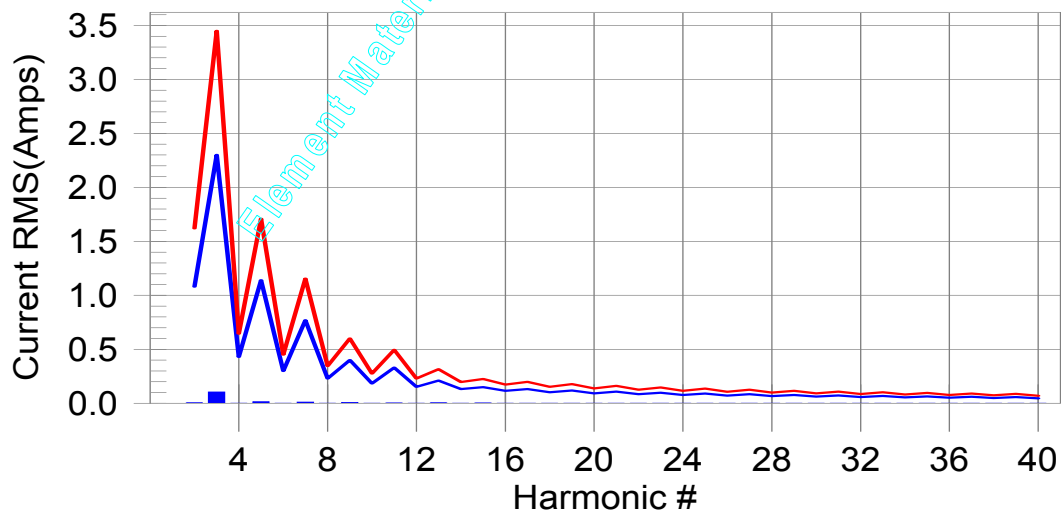
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 4.53% of the limit.

### Current Test Result Summary (Run time)

EUT: AGD350 Tested by: DS  
Test category: Class-A per Ed. 3.2 (2009) (European limits) Test Margin: 100  
Test date: 17/08/2017 Start time: 11:01:56 End time: 11:04:17  
Test duration (min): 2 Data file name: H-000369.cts\_data  
Comment: Serial: 108402-0003  
Customer: AGD

Test Result: Pass Source qualification: Normal  
THC(A): 0.11 I-THD(%): 67.62 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 230.16 Frequency(Hz): 50.00  
I\_Peak (Amps): 0.369 I\_RMS (Amps): 0.194  
I\_Fund (Amps): 0.160 Crest Factor: 1.942  
Power (Watts): 13.7 Power Factor: 0.318

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.23	Pass
3	0.104	2.300	4.5	0.105	3.450	3.04	Pass
4	0.002	0.430	0.4	0.002	0.645	0.28	Pass
5	0.015	1.140	1.3	0.015	1.710	0.87	Pass
6	0.001	0.300	0.2	0.001	0.450	0.19	Pass
7	0.012	0.770	1.5	0.012	1.155	1.03	Pass
8	0.000	0.230	0.2	0.001	0.345	0.16	Pass
9	0.008	0.400	2.0	0.008	0.600	1.33	Pass
10	0.001	0.184	0.3	0.001	0.276	0.21	Pass
11	0.003	0.330	0.8	0.003	0.495	0.57	Pass
12	0.000	0.153	0.2	0.000	0.230	0.17	Pass
13	0.004	0.210	1.9	0.004	0.315	1.27	Pass
14	0.000	0.131	0.2	0.000	0.197	0.17	Pass
15	0.003	0.150	2.0	0.003	0.225	1.33	Pass
16	0.000	0.115	0.1	0.000	0.173	0.11	Pass
17	0.001	0.132	0.8	0.001	0.199	0.57	Pass
18	0.000	0.102	0.2	0.000	0.153	0.17	Pass
19	0.001	0.118	1.0	0.001	0.178	0.65	Pass
20	0.000	0.092	0.1	0.000	0.138	0.11	Pass
21	0.001	0.107	1.1	0.001	0.161	0.72	Pass
22	0.000	0.084	0.2	0.000	0.125	0.16	Pass
23	0.001	0.098	0.9	0.001	0.147	0.64	Pass
24	0.000	0.077	0.2	0.000	0.115	0.12	Pass
25	0.000	0.090	0.3	0.000	0.135	0.24	Pass
26	0.000	0.071	0.2	0.000	0.106	0.17	Pass
27	0.001	0.083	0.8	0.001	0.125	0.57	Pass
28	0.000	0.066	0.3	0.000	0.099	0.21	Pass
29	0.000	0.078	0.5	0.000	0.116	0.37	Pass
30	0.000	0.061	0.3	0.000	0.092	0.20	Pass
31	0.000	0.073	0.2	0.000	0.109	0.16	Pass
32	0.000	0.058	0.3	0.000	0.086	0.25	Pass
33	0.000	0.068	0.4	0.000	0.102	0.25	Pass
34	0.000	0.054	0.2	0.000	0.081	0.18	Pass
35	0.000	0.064	0.5	0.000	0.096	0.38	Pass
36	0.000	0.051	0.2	0.000	0.077	0.16	Pass
37	0.000	0.061	0.4	0.000	0.091	0.24	Pass
38	0.000	0.048	0.2	0.000	0.073	0.14	Pass
39	0.000	0.058	0.4	0.000	0.087	0.24	Pass
40	0.000	0.046	0.2	0.000	0.069	0.17	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0003  
Customer: AGD

Tested by: DS  
Test Margin: 100  
Start time: 11:01:56  
End time: 11:04:17  
Data file name: H-000369.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms):	230.16	Frequency(Hz):	50.00
I_Peak (Amps):	0.369	I_RMS (Amps):	0.194
I_Fund (Amps):	0.160	Crest Factor:	1.942
Power (Watts):	13.7	Power Factor:	0.318

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.156	0.460	33.83	OK
3		0.451	2.070	21.79	OK
4		0.053	0.460	11.52	OK
5		0.054	0.920	5.86	OK
6		0.026	0.460	5.65	OK
7		0.035	0.690	5.14	OK
8		0.018	0.460	3.93	OK
9		0.017	0.460	3.66	OK
10		0.017	0.460	3.80	OK
11		0.023	0.230	9.88	OK
12		0.013	0.230	5.71	OK
13		0.021	0.230	8.97	OK
14		0.009	0.230	4.03	OK
15		0.007	0.230	3.13	OK
16		0.014	0.230	5.95	OK
17		0.007	0.230	2.93	OK
18		0.012	0.230	5.34	OK
19		0.006	0.230	2.65	OK
20		0.013	0.230	5.51	OK
21		0.008	0.230	3.49	OK
22		0.006	0.230	2.62	OK
23		0.004	0.230	1.88	OK
24		0.005	0.230	2.04	OK
25		0.005	0.230	2.36	OK
26		0.009	0.230	3.78	OK
27		0.006	0.230	2.63	OK
28		0.007	0.230	2.83	OK
29		0.005	0.230	2.21	OK
30		0.005	0.230	2.08	OK
31		0.003	0.230	1.33	OK
32		0.005	0.230	2.16	OK
33		0.005	0.230	2.08	OK
34		0.003	0.230	1.14	OK
35		0.003	0.230	1.23	OK
36		0.003	0.230	1.14	OK
37		0.004	0.230	1.60	OK
38		0.002	0.230	0.93	OK
39		0.003	0.230	1.23	OK
40		0.009	0.230	3.76	OK

## Harmonics – Class-A per Ed. 3.2 (2009)(Run time) incl. inter-harmonics

EUT: AGD350

Test category: Class-A per Ed. 3.2 (2009) (European limits)

Test date: 17/08/2017

Test duration (min): 2

Comment: Serial: 108402-0003

Customer: AGD

Tested by: DS

Test Margin: 100

End time: 11:00:39

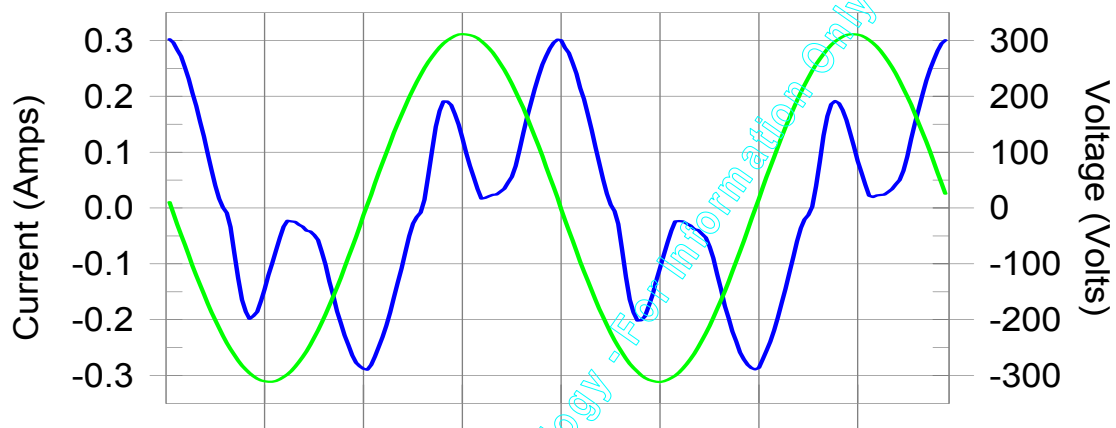
Start time: 10:58:17

Data file name: H-000368.cts\_data

Test Result: Pass

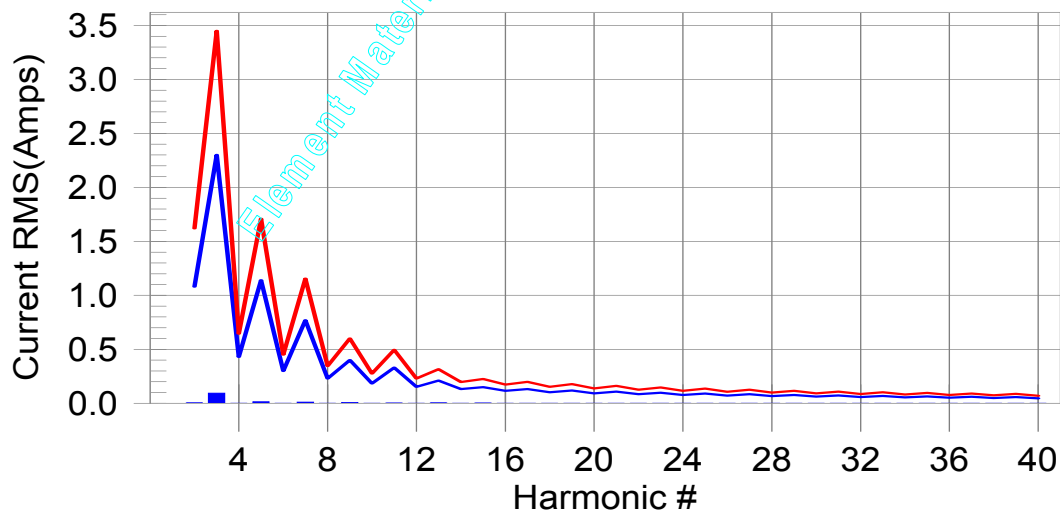
Source qualification: Normal

### Current & voltage waveforms



### Harmonics and Class A limit line

### European Limits



Test result: Pass Worst harmonic was #3 with 4.04% of the limit.



### Current Test Result Summary (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0003  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 10:58:17  
End time: 11:00:39  
Data file name: H-000368.cts\_data

Test Result: Pass Source qualification: Normal  
THC(A): 0.10 I-THD(%): 73.61 POHC(A): 0.000 POHC Limit(A): 0.251  
Highest parameter values during test:

V\_RMS (Volts): 220.16  
I\_Peak (Amps): 0.305  
I\_Fund (Amps): 0.132  
Power (Watts): 13.2  
Frequency(Hz): 50.00  
I\_RMS (Amps): 0.165  
Crest Factor: 1.891  
Power Factor: 0.377

Harm#	Harms(avg)	100%Limit	%of Limit	Harms(max)	150%Limit	%of Limit	Status
2	0.003	1.080	0.3	0.004	1.620	0.24	Pass
3	0.093	2.300	4.0	0.094	3.450	2.73	Pass
4	0.002	0.430	0.4	0.002	0.645	0.30	Pass
5	0.014	1.140	1.2	0.014	1.710	0.84	Pass
6	0.001	0.300	0.2	0.001	0.450	0.21	Pass
7	0.012	0.770	1.6	0.012	1.155	1.07	Pass
8	0.000	0.230	0.2	0.001	0.345	0.15	Pass
9	0.008	0.400	2.0	0.008	0.600	1.34	Pass
10	0.001	0.184	0.3	0.001	0.276	0.22	Pass
11	0.002	0.330	0.7	0.002	0.495	0.46	Pass
12	0.000	0.153	0.2	0.000	0.230	0.18	Pass
13	0.005	0.210	2.1	0.005	0.315	1.44	Pass
14	0.000	0.131	0.2	0.000	0.197	0.16	Pass
15	0.002	0.150	1.5	0.002	0.225	0.99	Pass
16	0.000	0.115	0.2	0.000	0.173	0.14	Pass
17	0.001	0.132	1.1	0.002	0.199	0.76	Pass
18	0.000	0.102	0.2	0.000	0.153	0.16	Pass
19	0.001	0.118	0.9	0.001	0.178	0.58	Pass
20	0.000	0.092	0.2	0.000	0.138	0.15	Pass
21	0.001	0.107	1.2	0.001	0.161	0.81	Pass
22	0.000	0.084	0.2	0.000	0.125	0.14	Pass
23	0.000	0.098	0.5	0.000	0.147	0.34	Pass
24	0.000	0.077	0.2	0.000	0.115	0.15	Pass
25	0.001	0.090	0.7	0.001	0.135	0.45	Pass
26	0.000	0.071	0.2	0.000	0.106	0.16	Pass
27	0.001	0.083	0.7	0.001	0.125	0.47	Pass
28	0.000	0.066	0.3	0.000	0.099	0.22	Pass
29	0.000	0.078	0.4	0.000	0.116	0.29	Pass
30	0.000	0.061	0.3	0.000	0.092	0.19	Pass
31	0.000	0.073	0.3	0.000	0.109	0.18	Pass
32	0.000	0.058	0.3	0.000	0.086	0.25	Pass
33	0.000	0.068	0.5	0.000	0.102	0.36	Pass
34	0.000	0.054	0.2	0.000	0.081	0.18	Pass
35	0.000	0.064	0.5	0.000	0.096	0.32	Pass
36	0.000	0.051	0.2	0.000	0.077	0.15	Pass
37	0.000	0.061	0.2	0.000	0.091	0.14	Pass
38	0.000	0.048	0.2	0.000	0.073	0.17	Pass
39	0.000	0.058	0.4	0.000	0.087	0.28	Pass
40	0.000	0.046	0.2	0.000	0.069	0.14	Pass

### Voltage Source Verification Data (Run time)

EUT: AGD350  
Test category: Class-A per Ed. 3.2 (2009) (European limits)  
Test date: 17/08/2017  
Test duration (min): 2  
Comment: Serial: 108402-0003  
Customer: AGD  
Tested by: DS  
Test Margin: 100  
Start time: 10:58:17  
End time: 11:00:39  
Data file name: H-000368.cts\_data

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

Voltage (Vrms): 220.16	Frequency(Hz): 50.00
I_Peak (Amps): 0.305	I_RMS (Amps): 0.165
I_Fund (Amps): 0.132	Crest Factor: 1.891
Power (Watts): 13.2	Power Factor: 0.377

Harm#	Harmonics	V-rms	Limit V-rms	% of Limit	Status
2		0.152	0.440	34.60	OK
3		0.443	1.981	22.38	OK
4		0.055	0.440	12.51	OK
5		0.058	0.881	6.53	OK
6		0.027	0.440	6.11	OK
7		0.040	0.660	6.04	OK
8		0.020	0.440	4.52	OK
9		0.015	0.440	3.51	OK
10		0.017	0.440	3.82	OK
11		0.023	0.220	10.63	OK
12		0.014	0.220	6.38	OK
13		0.019	0.220	8.74	OK
14		0.011	0.220	5.16	OK
15		0.008	0.220	3.65	OK
16		0.014	0.220	6.52	OK
17		0.007	0.220	3.38	OK
18		0.012	0.220	5.26	OK
19		0.008	0.220	3.45	OK
20		0.011	0.220	4.82	OK
21		0.008	0.220	3.50	OK
22		0.006	0.220	2.62	OK
23		0.005	0.220	2.21	OK
24		0.006	0.220	2.57	OK
25		0.006	0.220	2.88	OK
26		0.009	0.220	3.95	OK
27		0.006	0.220	2.63	OK
28		0.005	0.220	2.48	OK
29		0.006	0.220	2.60	OK
30		0.005	0.220	2.33	OK
31		0.003	0.220	1.57	OK
32		0.005	0.220	2.24	OK
33		0.005	0.220	2.14	OK
34		0.002	0.220	1.03	OK
35		0.004	0.220	1.60	OK
36		0.003	0.220	1.26	OK
37		0.003	0.220	1.57	OK
38		0.002	0.220	1.10	OK
39		0.003	0.220	1.26	OK
40		0.008	0.220	3.86	OK