

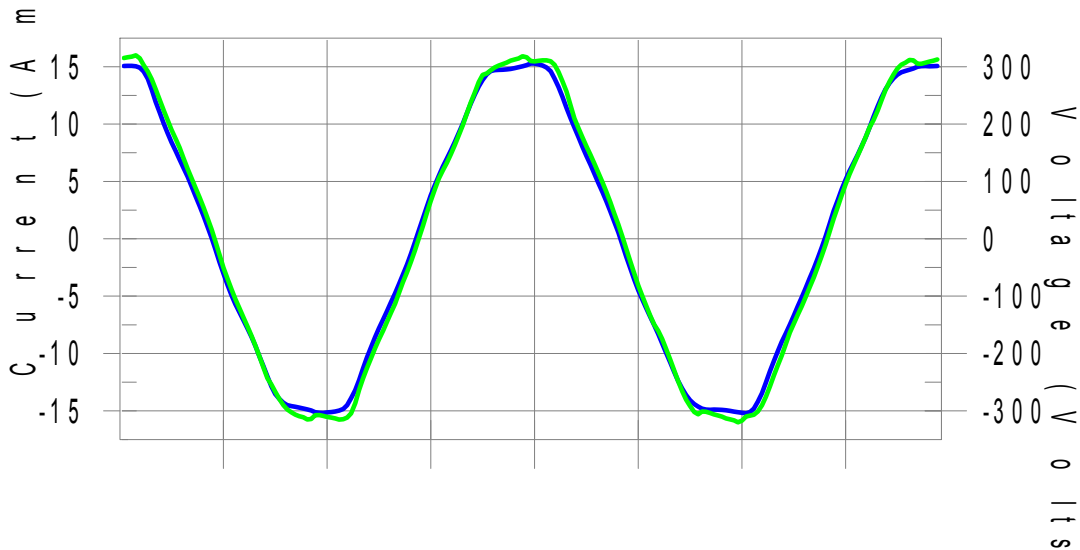
Harmonics – Class-A per Ed. 3.0 (2005-11)(Run time)

EUT: Equipment under test
Test category: Class-A per Ed. 3.0 (2005-11) (European limits)
Test date: 13/12/2011
Test duration (min): 2.5
Comment: Comment
Customer: Customer information

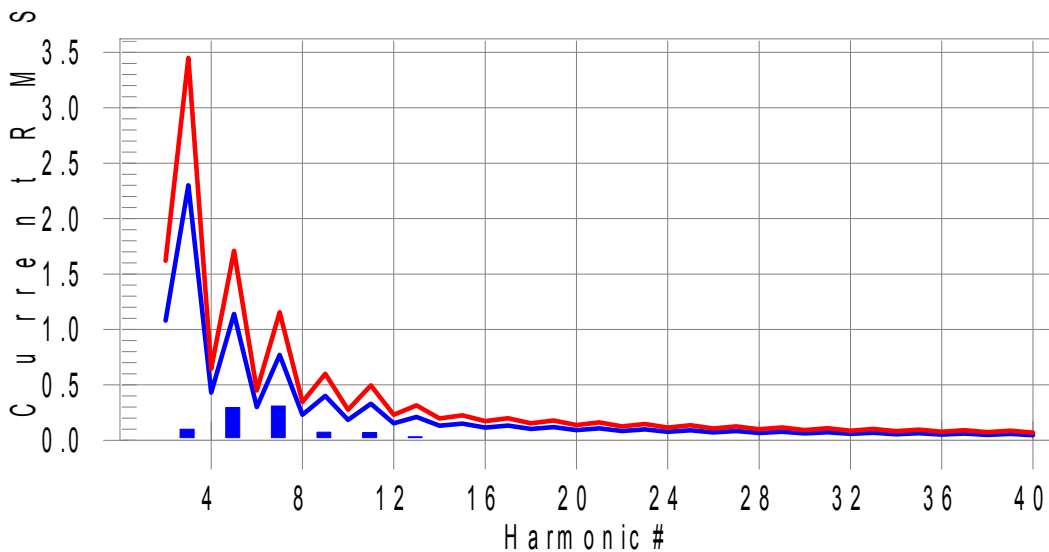
Tested by: Tested by
Test Margin: 100
Start time: 11:39:11
End time: 11:42:03
Data file name: H-001007.cts_data

Test Result: Pass Source qualification: Distorted

Current & voltage waveforms



Harmonics and Class A limit line European Limits



Test result: Pass Worst harmonic was #7 with 37.94% of the limit.

Voltage Source Verification Data (Run time)

EUT: Equipment under test
 Test category: Class-A per Ed. 3.0 (2005-11) (European limits)
 Test date: 13/12/2011
 Test duration (min): 2.5
 Comment: Comment
 Customer: Customer information

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Test Result: Pass Source qualification: Distorted

Highest parameter values during test:

Voltage (Vrms):	229.43	Frequency(Hz):	49.99
I_Peak (Amps):	15.296	I_RMS (Amps):	11.022
I_Fund (Amps):	11.008	Crest Factor:	1.391
Power (Watts):	2526.7	Power Factor:	0.999

Harm#	Harmonics V-rms	Limit V-rms	% of Limit	Status
2	0.216	0.458	47.20	OK
3	1.832	2.063	88.78	OK
4	0.105	0.458	23.04	OK
5	6.260	0.915	684.20	Dist.
6	0.092	0.458	20.14	OK
7	6.473	0.686	943.76	Dist.
8	0.082	0.458	17.92	OK
9	1.795	0.457	392.60	Dist.
10	0.068	0.458	14.89	OK
11	1.581	0.229	691.66	Dist.
12	0.048	0.229	21.11	OK
13	0.754	0.229	329.44	Dist.
14	0.035	0.229	15.15	OK
15	0.284	0.229	124.19	Dist.
16	0.029	0.229	12.82	OK
17	0.199	0.229	87.09	OK
18	0.647	0.229	282.24	Dist.
19	0.232	0.229	101.53	Marg.
20	0.649	0.229	282.92	Dist.
21	0.083	0.229	36.17	OK
22	0.021	0.229	9.07	OK
23	0.060	0.228	26.43	OK
24	0.027	0.229	11.75	OK
25	0.030	0.228	13.19	OK
26	0.024	0.229	10.26	OK
27	0.039	0.228	17.09	OK
28	0.025	0.229	10.89	OK
29	0.071	0.229	30.86	OK
30	0.021	0.229	9.26	OK
31	0.035	0.229	15.23	OK
32	0.010	0.229	4.30	OK
33	0.025	0.229	10.88	OK
34	0.009	0.229	3.96	OK
35	0.032	0.229	13.96	OK
36	0.009	0.229	4.02	OK
37	0.207	0.229	90.62	OK
38	0.011	0.229	4.77	OK
39	0.216	0.229	94.28	OK
40	0.009	0.229	3.75	OK