

# Harmonics Analysis Report

ABC PVT. LTD.

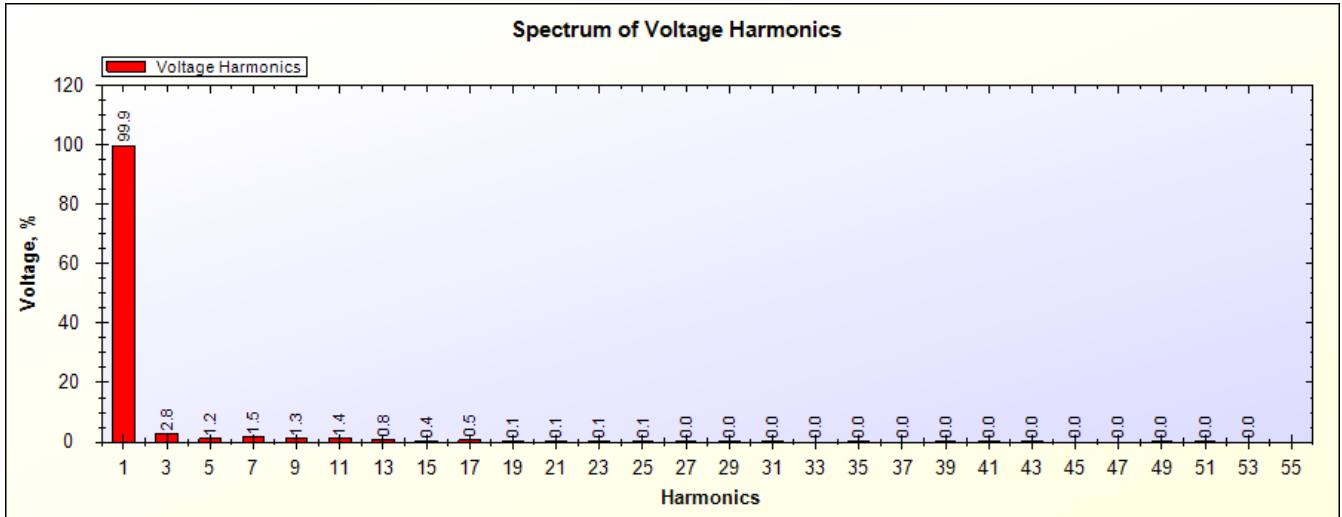
<b>Date(dd-MM-yyyy HH:mm)</b>	<i>21-05-2015 11:40</i>
<b>Test Done By-</b>	<i>Mr. A Kumar</i>
<b>Test Model-</b>	<i>4 Watt LED Bulb</i>
<b>Test Requested By-</b>	<i>R&amp;D Department</i>

## Basic Parameters

<b>Voltage rms</b>	<i>221.6 V</i>
<b>Current rms</b>	<i>0.02365 A</i>
<b>Watt</b>	<i>3.845 W</i>
<b>PF</b>	<i>0.734</i>
<b>Frequency</b>	<i>49.97 Hz</i>
<b>V thd %</b>	<i>4.09 %</i>
<b>I thd %</b>	<i>51.46 %</i>

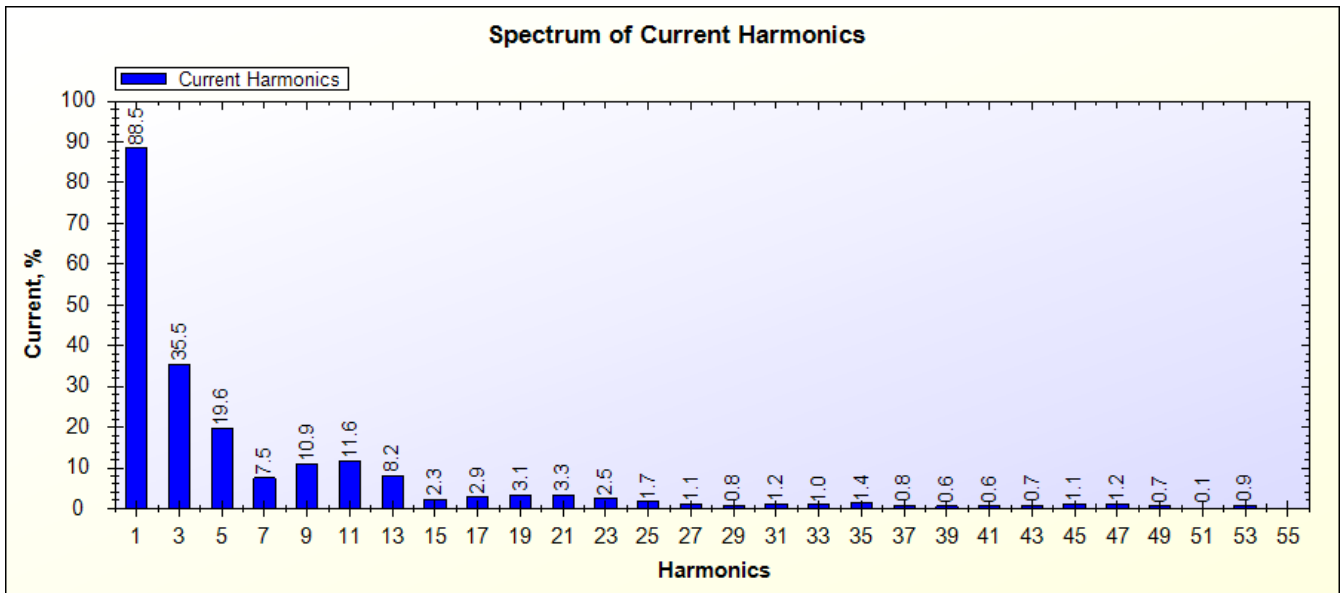
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## Voltage Harmonic Spectrum



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## Current Harmonic Spectrum



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## Harmonics Spectrum Table

Harmonic Order	Voltage	% VTHD	Amps THD	Amps THD%	Notes
rms	221.60 V		0.02 A		
1	221.30 V	99.86 %	20.94 mA	88.54 %	
3	6.30 V	2.84 %	8.40 mA	35.51 %	
5	2.64 V	1.19 %	4.63 mA	19.59 %	
7	3.38 V	1.52 %	1.78 mA	7.53 %	
9	2.80 V	1.26 %	2.58 mA	10.89 %	
11	3.10 V	1.40 %	2.75 mA	11.62 %	
13	1.77 V	0.80 %	1.93 mA	8.17 %	
15	0.86 V	0.39 %	0.54 mA	2.27 %	
17	1.17 V	0.53 %	0.68 mA	2.86 %	
19	0.28 V	0.13 %	0.74 mA	3.11 %	
21	0.16 V	0.07 %	0.78 mA	3.30 %	
23	0.29 V	0.13 %	0.59 mA	2.50 %	
25	0.16 V	0.07 %	0.40 mA	1.71 %	
27	92.85 mV	0.04 %	0.26 mA	1.10 %	
29	78.55 mV	0.04 %	0.19 mA	0.79 %	
31	88.30 mV	0.04 %	0.29 mA	1.24 %	
33	4.37 mV	0.00 %	0.24 mA	1.03 %	
35	63.24 mV	0.03 %	0.33 mA	1.40 %	
37	12.78 mV	0.01 %	0.20 mA	0.83 %	
39	0.10 V	0.05 %	0.13 mA	0.56 %	
41	49.28 mV	0.02 %	0.14 mA	0.58 %	
43	56.01 mV	0.03 %	0.18 mA	0.74 %	
45	25.23 mV	0.01 %	0.26 mA	1.08 %	
47	29.26 mV	0.01 %	0.28 mA	1.17 %	
49	47.93 mV	0.02 %	0.16 mA	0.66 %	
51	47.93 mV	0.02 %	30.51 A	0.13 %	
53	37.34 mV	0.02 %	0.21 mA	0.87 %	
55		0.00 %		0.00 %	

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